Tclips
MPEG Test Streams

Technical Reference

077-0074-00

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www.tek.com

077-0074-00

Contacting Tektronix

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Beaverton, OR 97077
USA

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[W9b – 15AUG04]

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Table of Contents

Compliance Information

This section lists the environmental standards with which the product complies.

Environmental Considerations

This section provides information about the environmental impact of the product.

Product End-of-Life Handling

Observe the following guidelines when recycling an instrument or component:

Equipment Recycling. Production of this equipment required the extraction and use of natural resources. The equipment may contain substances that could be harmful to the environment or human health if improperly handled at the product's end of life. In order to avoid release of such substances into the environment and to reduce the use of natural resources, we encourage you to recycle this product in an appropriate system that will ensure that most of the materials are reused or recycled appropriately.

This symbol indicates that this product complies with the applicable European Union requirements according to Directives 2002/96/EC and 2006/66/EC on waste electrical and electronic equipment (WEEE) and batteries. For information about recycling options, check the Support/Service section of the Tektronix Web site (www.tektronix.com).

Preface

This manual provides a reference to the various parameters for each of the streams provided with the Tektronix Tclips MPEG Test Streams software. The manual is divided into the following sections:

- Getting Started. Contains a product description, lists the standard accessories, and describes how to install the Tclips software.
- Operating Basics. Describes how to locate a desired test stream.
- Reference. Provides the technical parameters and thumbnail image(s) for each of the test streams.

Getting Started

The Tektronix Tclips MPEG Test Streams allow you to test your video equipment and/or systems by playing test streams with known parameters through the systems. The streams include video and audio content and are not intended for signal analysis.

Tclips test streams provide the following features and benefits:

- Broad range of MPEG-2 transport streams designed to test receivers across a broad range of video and audio formats
- Compliant service information (SI) conforming to the MPEG, DVB, and ATSC standards
- Standard and high-definition video encoded with both MPEG-2 and H.264/AVC
- Broad range of video resolutions, aspect ratios, frame rates, profile and levels, and bit rates
- Test patterns for verifying luminance and chrominance amplitudes, chrominance phase, and frequency response
- MPEG-1 and AC-3 encoded audio content using stereo and 5.1 channels

Applications

The Tclips MPEG Test Streams can be used for the following applications:

- Development and verification of receivers such as set top boxes, Integrated Digital TVs (iDTV), and personal computers.
- Use with the MTS400 Seres Multiplexer application to produce a library of regression test streams. Refer to datasheet 2AW-21201 for more information.

Standard Accessories

The Tclips MPEG Test Streams product is provided with the following standard accessories:

Table 1: Tclips standard accessories

Accessory	Tektronix part number
Tclips software media kit; contains the following parts:	020-2965-xx
■ Tclips software media booklet	
■ Tclips software license document	
■ Tclips software DVD media	
■ Tclips software USB media	

Installation

The Tclips MPEG Test Streams are provided on two types of media: DVD and USB. To install the Tclips software, perform the following steps:

1. Insert the Tclips Product Software DVD or USB media into the DVD drive or USB port on your computer.
2. Follow the instructions in the Tclips MPEG Test Streams InstallShield Wizard.

NOTE. *During the installation process, you will select between two setup types: Complete or Custom. The Complete setup installs all of the test streams and requires a minimum of 14.2 GB of free space on your hard drive.*

The Custom setup allows you to select which test streams will be installed. The InstallShield Wizard lists the space required on your hard drive for the test streams you select to install.

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3. After the Tclips installation is complete, you will find the following items on your computer:

- A PDF of the Tclips Technical Reference manual and the associated directory of full-resolution test stream images located in the same directory where you specified the test streams to be installed
- A shortcut to the Tclips Technical Reference manual located on the desktop of your computer
- A Start->Programs menu item for Tclips with two sub-items: MPEG Test Streams and Technical Reference Manual

Operating Basics

Finding a Test Stream

The Tclips test streams are organized into the following directories based on their usage and format:

- Audio Test Patterns
- H.264 Transcode Samples
- MTS400 Test Streams
- PQA200-300
- Software Encode
- Test Streams
- TG130A-131A-VM700 Matrix
- TG700 DVG7 Test Patterns
- VM700-AVDelay
- VM6000 Test Streams

You can use the names of the directories and signal files to help determine the test stream content. The streams are documented in this manual using the same organizational structure as the test stream files.

To find a test stream, review the high-level directories and signal parameters. (See page 5, *Test Streams Overview*.). This page lists the various directories of test streams and lists the video and audio parameters that apply across test streams types. After you select a directory, look through the tables corresponding to that directory for a test stream containing the parameters you need.

Using the PDF Thumbnail Images

Where available, the stream-parameter tables in the PDF file of this Tclips Technical Reference include thumbnail image(s) of the test streams. Click on a thumbnail image to view the associated full-resolution image.

NOTE. *The subdirectory containing the full-resolution images must be located in the same directory as the PDF of the Tclips manual in order for the PDF file to access the images.*

Reference

Test Streams Overview

The table below lists the test stream parameters that apply generally to the stream files in each of the directory folders. The following pages list the parameters for each test stream.
All stream files are Transport Stream format except for streams in the Audio Test Patterns folder. The audio streams include ES (*.aud and *.mpg), JPG, and TRP files.

Video Test Streams - Common Parameters
Chroma format: 4:2:0
Open GOP (MPEG-2 SD I @ 4 Mbps, P @ 8 Mbps, HD @ 16 Mbps - except for PQA, TG, VM, and Audio): HP>High-Profile VBV from ATSC 7995392 bits instead of MPEG-2 @ 9781248
Software encoder parameter bug: SD Prog. Sets FrameExtensionChroma = 0
Warning: S/wEncodeSD-16x9 Circle not round

Audio - Common Parameters in Test Streams

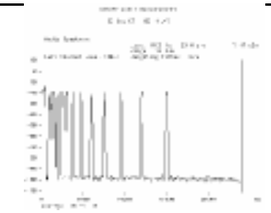
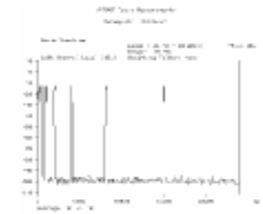
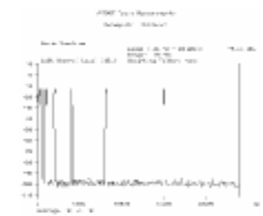
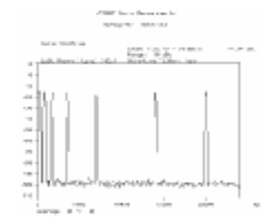
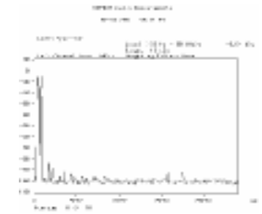
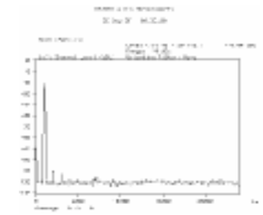
Audio MPEG-1 Layer II (if present)	Channels: Stereo	Sample rate: 48 kHz
	Bit rate: 256 kbps	Tones L/R, Ref level: 800/1200 -18 dBFS
Audio AC-3 (if present)	Channels: 5.1 Surround	Sample rate: 48 kSps
	Bit rate: 448 kbps	Tones L/R/C/LS/RS/LFE, Ref levels: 1000/4000/2000/500/8000/100 Hz @ -20 dBFS

Folder Name	Total Files	File Type	Video HxV	Format *	Aspect Ratio	Frame Rate (Hz)	Video Profile/Level	TS Bit Rate (Mbps)	Video Bit Rate (Mbps)	Audio	PSI/SI/PSIP	File Size (MB)	Run-time (seconds)
Audio Test Patterns	32	Elementary Streams	N/A	N/A	N/A	N/A	N/A	N/A	N/A		N/A	Various	Varies
	1	Transport Streams	N/A	N/A	N/A	N/A	N/A	500 kbps	N/A		PSI/SI	Various	478
H.264 TransCode Samples	2	Transport Streams	480	I	4x3	29.97	Main Profile / Level 4				…	11 & 2	30
	2		576	I	4x3	25	Main Profile / Level 4					11 & 2	30
	1		720	P	16x9	59.94	Main Profile / Level 4					15	30
	2		1080	I	16x9	29.97	Main Profile / Level 4					15 & 13	30
MTS400 Test Streams													
PQA200-300	1	Transport Streams	704x480	I	4x3	29.97	MP@ML	16	15	MP1LII: no tones	PSI/SI	299	153
	1		704x576	I	4x3	25	MP@ML	16	15	MP1LII: no tones	PSI/SI	289	148
Software Encode													
Motion Test Patterns	3	Transport Streams	704x480	I & P	4x3 & 16x9	29.97 & 59.94	MP@ML & H1440@ML	19.392658	4 & 8	MP1LII & AC-3	PSI/SI/PSIP	71	30
	3		720x576	I & P	4x3 & 16x9	25 & 50	MP@ML & H1440@ML	19.392658	4 & 8	MP1LII & AC-3	PSI/SI/PSIP	71	30
	3		1280x720	P	16x9	50, 59.94, 60	H1440@ML & MP@HL	19.392658	16	MP1LII & AC-3	PSI/SI/PSIP	71	30
	8		1920x1080	I & P	16x9	23.976, 24, 25, 29.97, & 30	MP@HL	19.392658	16	MP1LII & AC-3	PSI/SI/PSIP	71	30
Static Test Patterns	18	Transport Streams	704x480	I & P	4x3 & 16x9	29.97 & 59.94	MP@ML & H1440@ML	19.392658		MP1LII & AC-3	PSI/SI/PSIP	71	30
	18		720x576	I & P	4x3 & 16x9	25 & 50	MP@ML & H1440@ML	19.392658		MP1LII & AC-3	PSI/SI/PSIP	71	30
	21		1280x720	P	16x9	50, 59.94, 60	H1440@ML & MP@HL	19.392658		MP1LII & AC-3	PSI/SI/PSIP	71	30
	56		1920x1080	I & P	16x9	23.976, 24, 25, 29.97, & 30	MP@HL	19.392658		MP1LII & AC-3	PSI/SI/PSIP	71	30
Test Streams													
TG130A-131A-VM700 Matrix	1	Transport Streams	704x480	I	4x3	29.97	MP@ML	10	6	n/a	PSI/SI	18	15
	1		704x576	I	4x3	25	MP@ML	10	6	n/a	PSI/SI	18	15
TG700 DVG7 Test Patterns	50	Transport Streams	704x480	I	4x3	29.97	MP@HL	5	4	MP1LII	PSI/SI	19	30
	47		704x4576	I	4x3	25	MP@HL	5	4	MP1LII	PSI/SI	19	30
VM700-AVDelay	1	Transport Streams	704x480	I	4x3	29.97	MP@ML	8	6	MP1LII , 10kHz chirp	PSI	152	156
	1		704x576	I	4x3	25	MP@ML	8	6	MP1LII , 10kHz chirp	PSI	159	163
VM6000 Test Streams	2	Transport Streams	480	I & P	4x3	59.94	H.264 MP@L3	8 & 3	3 & 0.9	AC-3	PSI/SI	58.6 & 22	60
	2		576	I & P	4x3	50	H.264 MP@L3	3	2.5 & 0.7	AC-3	PSI/SI	22	60
	3		720	P	16x9	29.97, 50, 59.94	H.264 MP@L4	3	0.7, 1.2, 1.4	AC-3	PSI/SI	22	60
	5		1080	I & P	16x9	24, 50, 59.94	H.264 MP@L4	3	0.9, 1.1, 0.8, 1.6, 1.9	AC-3	PSI/SI	22	60

*** Signal format: I = Interlaced, P = Progressive**

Audio Test Patterns Directory

Sub-Directory: ASG100 Mtones 0dBu MPG1LII - Elements only / 48kSps 384kbps Stereo 5.4 minutes

File Name	File Type [1]	File Size	Waveform bitmap File name	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
MTone1.aud	ES	15,255 KB	MTone1_Spectrum.bmp	Multitone 1	Multiple Audio Tones, refer to Table 1-2 in ASG140 Instr. Manual	Static Pattern		VM700T, Fast Audio Frequency Response Test	ASG140
MTone2.aud	ES	15,255 KB	MTone2_Spectrum.bmp	Multitone 2	Multiple Audio Tones, refer to Table 1-2 in ASG140 Instr. Manual	Static Pattern		VM700T, Fast Audio Frequency Response Test	ASG140
MTone3.aud	ES	15,255 KB	MTone3_Spectrum.bmp	Multitone 3	Multiple Audio Tones, refer to Table 1-2 in ASG140 Instr. Manual	Static Pattern		VM700T, Fast Audio Frequency Response Test	ASG140
MTone4.aud	ES	15,255 KB	MTone4_Spectrum.bmp	Multitone 4	Multiple Audio Tones, refer to Table 1-2 in ASG140 Instr. Manual	Static Pattern		VM700T, Fast Audio Frequency Response Test	ASG140
Polarity.aud	ES	15,255 KB	Polarity_Spectrum.bmp	Polarity Test	Polarity Test Tones	Static Pattern		Verify Analog Audio Channel Polarity	ASG140
Tone1kHz.aud	ES	15,255 KB	Tone1kHz_Spectrum.bmp	1 kHz Tone	Single Audio Tone	Static Pattern			ASG140

[1] File Type: ES = Elementary Stream, TS = Transport Stream
[2] Click on thumbnail to view full resolution image.

Audio Test Patterns Directory

Sub-Directory: ASG100 Mtones 0dBu MPG1LII - Elements only / Tone 1kHz Multi-Formats 15 seconds

File Name	File Type [1]	File Size	Waveform bitmap File name	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
32kSps 384kbps Stereo.aud	ES	704 KB		Stereo Audio Tones	Stereo Audio Tones	Static Pattern		Verify Audio Tone Selected sample/compression rate	ASG140
44.1kSps 384kbps Stereo.aud	ES	705 KB		Stereo Audio Tones	Stereo Audio Tones	Static Pattern		Verify Audio Tone Selected sample/compression rate	ASG140
48kSps 064kbps Stereo.aud	ES	118 KB		Stereo Audio Tones	Stereo Audio Tones	Static Pattern		Verify Audio Tone Selected sample/compression rate	ASG140
48kSps 096kbps Stereo.aud	ES	177 KB		Stereo Audio Tones	Stereo Audio Tones	Static Pattern		Verify Audio Tone Selected sample/compression rate	ASG140
48kSps 112kbps Stereo.aud	ES	206 KB		Stereo Audio Tones	Stereo Audio Tones	Static Pattern		Verify Audio Tone Selected sample/compression rate	ASG140
48kSps 128kbps Stereo.aud	ES	235 KB		Stereo Audio Tones	Stereo Audio Tones	Static Pattern		Verify Audio Tone Selected sample/compression rate	ASG140
48kSps 160kbps Stereo.aud	ES	294 KB		Stereo Audio Tones	Stereo Audio Tones	Static Pattern		Verify Audio Tone Selected sample/compression rate	ASG140
48kSps 192kbps Mono.aud	ES	353 KB		Mono Audio Tone	Mono Audio Tone	Static Pattern		Verify Audio Tone Selected sample/compression rate	ASG140
48kSps 192kbps Stereo.aud	ES	353 KB		Stereo Audio Tones	Stereo Audio Tones	Static Pattern		Verify Audio Tone Selected sample/compression rate	ASG140
48kSps 224kbps Stereo.aud	ES	411 KB		Stereo Audio Tones	Stereo Audio Tones	Static Pattern		Verify Audio Tone Selected sample/compression rate	ASG140
48kSps 256kbps Stereo.aud	ES	470 KB		Stereo Audio Tones	Stereo Audio Tones	Static Pattern		Verify Audio Tone Selected sample/compression rate	ASG140
48kSps 320kbps Stereo.aud	ES	587 KB		Stereo Audio Tones	Stereo Audio Tones	Static Pattern		Verify Audio Tone Selected sample/compression rate	ASG140
48kSps 384kbps DualChannel.aud	ES	705 KB		Stereo Audio Tones	Stereo Audio Tones	Static Pattern		Verify Audio Tone Selected sample/compression rate	ASG140
48kSps 384kbps Stereo.aud	ES	705 KB		Stereo Audio Tones	Stereo Audio Tones	Static Pattern		Verify Audio Tone Selected sample/compression rate	ASG140

Sub-Directory: ASG140 O.33 0dBu - 18dBFS 48kSps 385kbps MPG1LII

CCITTO.33_TekTest_384kbps.trp	TS	29,180 KB		Sequencing Audio Tones, refer to Table B-1 in ASG140 Instr. Manual	Sequencing Audio Tones, refer to Table B-1 in ASG140 Instr. Manual	Sequence of Audio Tones		VM700T View Audio Auto Test Freq. Resp., Amplitude, Crosstalk, Polarity, SNR, Other	ASG140

[1] File Type: ES = Elementary Stream, TS = Transport Stream
[2] Click on thumbnail to view the full resolution image.

Audio Test Patterns Directory

Sub-Directory: ASG140 O.33 0dBu - 18dBFS 48kSps 385kbps MPG1LII / Support

File Name	File Type [1]	File Size	Waveform bitmap File name	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
CCITTO.33-TekTest Patterns.jpg	JPG Image	250 KB							
MPGCAT.BAT	Batch File	1 KB							
O.33 testing.doc	Document	22 KB							
O.33.00.trp	TS	1,868 KB	View_Audio~Auto_Test_O3300.txt	O.33.00 Test Tone Sequence	Sequencing Audio Tones, refer to Table B-1 in ASG140 Instr. Manual	Changing Audio Tones		VM700T View Audio Auto Test Freq. Resp., Amplitude, Crosstalk, Polarity, SNR, Other	ASG140
O.33.01.trp	TS	1,868 KB	View_Audio~Auto_Test_O3301.txt	O.33.01 Test Tone Sequence	Sequencing Audio Tones, refer to Table B-2 in ASG140 Instr. Manual	Changing Audio Tones		VM700T View Audio Auto Test Freq. Resp., Amplitude, Crosstalk, Polarity, SNR, Other	ASG140
O.33.02.trp	TS	1,868 KB	View_Audio~Auto_Test_O3302.txt	O.33.02 Test Tone Sequence	Sequencing Audio Tones, refer to Table B-3 in ASG140 Instr. Manual	Changing Audio Tones		VM700T View Audio Auto Test Freq. Resp., Amplitude, Crosstalk, Polarity, SNR, Other	ASG140
O.33.03.trp	TS	1,868 KB	View_Audio~Auto_Test_O3303.txt	O.33.03 Test Tone Sequence	Sequencing Audio Tones, refer to Table B-4 in ASG140 Instr. Manual	Changing Audio Tones		VM700T View Audio Auto Test Freq. Resp., Amplitude, Crosstalk, Polarity, SNR, Other	ASG140
O.33.04.trp	TS	1,868 KB	View_Audio~Auto_Test_O3304.txt	O.33.04 Test Tone Sequence	Sequencing Audio Tones, refer to Table B-5 in ASG140 Instr. Manual	Changing Audio Tones		VM700T View Audio Auto Test Freq. Resp., Amplitude, Crosstalk, Polarity, SNR, Other	ASG140
O.33.05.trp	TS	1,868 KB	View_Audio~Auto_Test_O3305.txt	O.33.05 Test Tone Sequence	Sequencing Audio Tones, refer to Table B-6 in ASG140 Instr. Manual	Changing Audio Tones		VM700T View Audio Auto Test Freq. Resp., Amplitude, Crosstalk, Polarity, SNR, Other	ASG140
TekTest90.trp	TS	1,868 KB	View_Audio~Auto_Test_TekTest90.txt	TekTest90 Test Tone Sequence	Sequencing Audio Tones, refer to Table B-8 in ASG140 Instr. Manual	Changing Audio Tones		VM700T View Audio Auto Test Freq. Resp., Amplitude, Crosstalk, Polarity, SNR, Other	ASG140
TekTest91.trp	TS	1,868 KB	View_Audio~Auto_Test_TekTest91.txt	TektTest91 Test Tone Sequence	Sequencing Audio Tones, refer to Table B-9 in ASG140 Instr. Manual	Changing Audio Tones		VM700T View Audio Auto Test Freq. Resp., Amplitude, Crosstalk, Polarity, SNR, Other	ASG140
TekTest92.trp	TS	1,868 KB	Not provided	TekTest92 Test Tone Sequence	Sequencing Audio Tones, refer to Table B-10 in ASG140 Instr. Manual	Changing Audio Tones		VM700T View Audio Auto Test Freq. Resp., Amplitude, Crosstalk, Polarity, SNR, Other	ASG140
TekTest93.trp	TS	1,868 KB	View_Audio~Auto_Test_TekTest93.txt	TekTest93 Test Tone Sequence	Sequencing Audio Tones, refer to Table B-11 in ASG140 Instr. Manual	Changing Audio Tones		VM700T View Audio Auto Test Freq. Resp., Amplitude, Crosstalk, Polarity, SNR, Other	ASG140
TekTest94.trp	TS	1,868 KB	View_Audio~Auto_Test_TekTest94.txt	TekTest94 Test Tone Sequence	Sequencing Audio Tones, refer to Table B-12 in ASG140 Instr. Manual	Changing Audio Tones		VM700T View Audio Auto Test Freq. Resp., Amplitude, Crosstalk, Polarity, SNR, Other	ASG140
TekTest95.trp	TS	1,868 KB	View_Audio~Auto_Test_TekTest95.txt	TekTest95 Test Tone Sequence	Sequencing Audio Tones, refer to Table B-13 in ASG140 Instr. Manual	Changing Audio Tones		VM700T View Audio Auto Test Freq. Resp., Amplitude, Crosstalk, Polarity, SNR, Other	ASG140
View_Audio~Auto_TestO3300.jpg	JPG Image	46 KB	View_Audio~Auto_Test_O3300.txt						ASG140
View_Audio~Auto_TestO3301.jpg	JPG Image	50 KB	View_Audio~Auto_Test_O3301.txt						ASG140

[1] **File Type: ES = Elementary Stream, TS = Transport Stream**
[2] **Click on thumbnail to view the full resolution image.**

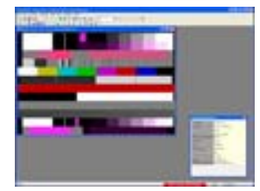
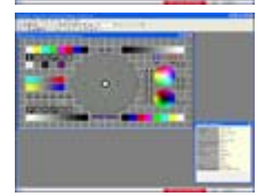
Audio Test Patterns Directory

Sub-Directory: ASG140 O.33 0dBu - 18dBFS 48kSps 385kbps MPG1LII / Support (cont.)

File Name	File Type [1]	File Size	Waveform bitmap File name	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
View_Audio~Auto_TestO3303.jpg	JPG Image	34 KB	View_Audio~Auto_Test_O3303.txt						ASG140
View_Audio~Auto_TestO3304.jpg	JPG Image	38 KB	View_Audio~Auto_Test_O3304.txt						ASG140
View_Audio~Auto_TestO3305.jpg	JPG Image	25 KB	View_Audio~Auto_Test_O3305.txt						ASG140
View_Audio~Auto_Testtek90.jpg	JPG Image	33 KB	View_Audio~Auto_Test_TekTest90.txt						ASG140
View_Audio~Auto_TestTek91.jpg	JPG Image	37 KB	View_Audio~Auto_Test_TekTest91.txt						ASG140
View_Audio~Auto_TestTek93.jpg	JPG Image	42 KB	View_Audio~Auto_Test_TekTest93.txt						ASG140
View_Audio~Auto_TestTek94.jpg	JPG Image	38 KB	View_Audio~Auto_Test_TekTest94.txt						ASG140
View_Audio~Auto_TestTek95.jpg	JPG Image	39 KB	View_Audio~Auto_Test_TekTest95.txt						ASG140

[1] File Type: ES = Elementary Stream, TS = Transport Stream
[2] Click on thumbnail to view the full resolution image.

H.264 Transcode Samples Directory

File Name	File Type [1]	File Size	ES Analyzer bitmap Files	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
480-4x3-29.97i-H.264-RC03.trp	TS	10,878 KB	480_4x3_2997i_h264_RC03.bmp	Complex Matrix H.264 480i	Complex Matrix, H.264 Trans-code from MPEG-2	Sequential IBBPBBPBBPBB		Verify correct GOP structure, playout order. Many other attributes.	Custom, Software Encode
480i-TG130A-H.264-RC05.trp	TS	1,795 KB	480i_TSG130A_h264_RC05.bmp	Complex Matrix H.264 480i	Complex Matrix, H.264 Trans-code from MPEG-2	Sequential IBBPBBPBBPBB		Verify correct GOP structure, playout order. Many other attributes.	Custom, Software Encode
576-4x3-25i-H.264-RC03.trp	TS	14,488 KB	576_4x3_25i_h264_RC03.bmp	Complex Matrix H.264 576i	Complex Matrix, H.264 Trans-code from MPEG-2	Sequential IBBPBBPBBPBB		Verify correct GOP structure, playout order. Many other attributes.	Custom, Software Encode
576i-TG131A-H.264-RC05.trp	TS	14,490 KB	576_TSG131A_h264_RC05.bmp	Complex Matrix H.264 576i	Complex Matrix, H.264 Trans-code from MPEG-2	Sequential IBBPBBPBBPBB		Verify correct GOP structure, playout order. Many other attributes.	Custom, Software Encode
720-16x9-59.94p-H.264-RC03.trp	TS	12,818 KB	720_16x9_5994p_h264_RC03.bmp	Complex Matrix H.264 720p	Complex Matrix, H.264 Trans-code from MPEG-2	Sequential IBBPBBPBBPBB		Verify correct GOP structure, playout order. Many other attributes.	Custom, Software Encode
1080-16x9-29.97i-H.264-RC03.trp	TS	10,895 KB	1080_16x9_2997i_h264_RC03.bmp	Complex Matrix H.264 1080i	Complex Matrix, H.264 Trans-code from MPEG-2	Sequential IBBPBBPBBPBB		Verify correct GOP structure, playout order. Many other attributes.	Custom, Software Encode
1080-16x9-29.97i-H.264-RC33.trp	TS	1,805 KB	1080_16x9_2997i_h264_RC33.bmp	Complex Matrix H.264 1080i	Complex Matrix, H.264 Trans-code from MPEG-2	Sequential IBBPBBPBBPBB		Verify correct GOP structure, playout order. Many other attributes.	Custom, Software Encode

[1] File Type: ES = Elementary Stream, TS = Transport Stream
[2] Click on thumbnail to view the full resolution image.

General Information

Duration	60 sec
SI	BAT, PAT, PMT, NIT, SDT, TOT, EIT
PSI	PAT, PMT

Video bit rates are raw video encoder bit rates and the GOP size is 12.
Audio is Layer II, MPEG-1

Test stream 1 (sym1.mpg): Bit rate tests

This test stream contains a collection of video and audio elementary streams at differentbitrates. The video has a GOP size of 12 (IBPBPBPBPBPB), the audio is composed of layer2, MPEG 1 material with a sample frequency of 48kHz.

Service	Video bit rate (Mbit/s)	Audio1 bit rate (kbit/s)	Audio2 bit rate (kbit/s)
1	1.98	64	384
2	3.96	128	64
3	4.98	192	128
4	9.96	256	192
5	13.98	384	256

The TS bit rate is 41.471 Mbit/s, and the file size approximately 310 MB.

Test stream 2 (sym2.mpg): PCR errors

This test stream contains various PC Rerrors. Service 1 to 5 contain radio services carrying a PCR, Service 6 contains video at a bit rate of 3Mbit/s. The first service is intended as a reference PCR. The start value of this PCR is 95413.7177s. This value has been chosen in such a way that after 30s the PCR wraps around to zero.

Service	PCR specialities	Amplitude
1	reference(+wrap)	-
2	jitter(sinus)	250ns
3	jitter(sinus)	750ns
4	jitter(random)	500ns
5	stepinPCR	100s
6	'splice'	100s

The TS bit rate is 8 Mbit/s, and the file size is 60 MB.

Test stream 3 (sym3.mpg): PCR errors

The transport stream contains two services.

Service 1: video 3.0Mbit/s (PID 0x0009) 2 audio, PID120 at 384kbit/s PID 130 (scrambled) at 192kbit/s

Service 2: video 3.0Mbit/sec (PID 210) 2 audio 192kbit/s (PID 220, 230), one of which is scrambled (230) private data stream 10kbit/s (PID 260)

The stream will start correctly to enable the analyser to check the (P)SI tables. An error will be inserted only once.

Error name	PID	Packet No	Error specifications
PAT error 1	0x0000	25531 26595 27659	transport_scrambling_control is '11'
PAT error 2	0x0000	50001 51063 52127	table_id is 0x03'
forbidden PID	0x0009	throughout	video PID is 0x0009 (reserved value)
payload_unit_start _ indicator error	0x1FFF	75001 75002 75005	payload_unit_start_indicator is '1'
AF error 1	0x1FFF	100006 100007 100008	adaptation_field_control is '11'
AF error 2	0x0000	125531 126597 127659	adaptation_field_control is '10'
AF error 3	120	150021 150062 150103	adaptation_field_control is '00'
AF error 4	120	175162	adaptation_field_control is '11', and adaptation_field_length = 183
Continuity counter error	130	200046 200125	the continuity counter is the same for 3 packets in a row, and 2 packets are lost
CAT error	0x0001	throughout	PID 0x0130 has been scrambled but no CAT has been inserted
Length error 1	100	225532	ES_info_length in PMT is incorrect
packet_start_code _prefix error	120	250025	payload_unit_start_indicator = '1' butno PES packet_start_code_prefix
Length error 2	120	300293	PES_packet_length incorrect by 1 byte
Length error 3	0x0000	325531	PAT section length is set to 6
CRC error	0x0010	354616	The CRC in the NIT is wrong
PID error 1	1000	throughout	PMT not listed in PAT (audio ES)
PID error 2	1010	throughout	PAT section on illegal PID
PID Error 3	16	throughout	CAT section on illegal PID (together with NIT, continuity counter corrected)
sync error 1	XXX	350000 350001 350002 350003	sync loss over 4 consecutive packets
sync error 2	XXX	400000 400001 400002 400003 400004	sync loss over 5 consecutive packets

TS bit rate is 16Mbit/s, and the file size is approximately 120Mbyte.

Test stream 4 (sym4.mpg): (P)SI table repetition too slow

In this service all the tables are inserted after the time specified in ETR211 have been exceeded.
1 service, video 3.0Mbit/s, audio 192kbit/s

Table	Time between occurrence(s)
BAT	>10
PAT	>0.5
CAT	>10
PMT	>0.5
NIT	>10
SDT	>2
EIT	>2
TOT & TDT	>30

Test stream 5 (sym5.mpg): (P)SI table repetition too often

In this stream all tables occur too often.

1 service, video 3.0Mbit/s, audio 192kbit/s. All tables occur more than 40 times per second (thus less than 25ms between sections).

TS Bit rate is 8Mbit/s, the file size approximately 60Mbytes.

Test stream 6 (sym6.mpg): Color Bar Test Stream

This stream contains the following content:

Transport Stream

bitrate: 6Mbit/s
length: 38.1Mbytes (40,000,008 bytes)
duration: 53.33s
(P)SI: PAT, PMT, NIT, SDT

The PCR is placed upon the video PID

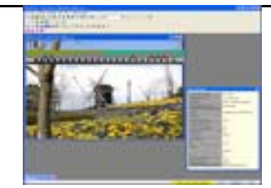
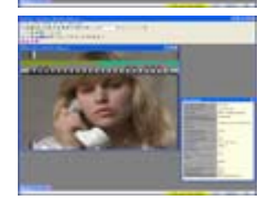
Video

content: 75% Colour bar
refresh rate: 50Hz
bitrate: 3Mbit/s

Audio

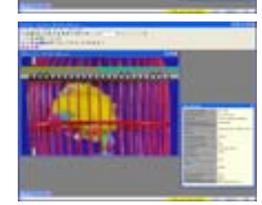
content: sine wave at 1kHz
bitrate: 384kbit/s
extra info: layer II MPEG-1, stereo, 48kHz

PQA200-300 Directory

File Name	File Type [1]	File Size	ES Analyzer bitmap Files	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
480i-PQA-16Mbps.trp	TS	299,001 KB	480Scene1.bmp	Flower Garden	Color details, landscape	Slow pan		PQA200/300 PQR, PSNR	PQA300
			480Scene2.bmp	Cheerleaders	Fast complex sports,rich background	Sports		PQA200/300 PQR, PSNR	PQA300
			480Scene3.bmp	Kiel Harbor 4	Luminance detail, landscape	Zoom		PQA200/300 PQR, PSNR	PQA300
			480Scene4.bmp	Tempete	Horizontal, vertical, luminance, color detail	Random motion		PQA200/300 PQR, PSNR	PQA300
			480Scene5.bmp	Susie	Skin tone, talking head	Slow pan		PQA200/300 PQR, PSNR	PQA300
			480Scene6.bmp	Table Tennis	Multiple randon motion, sports	Pan		PQA200/300 PQR, PSNR	PQA300
			480Scene7.bmp	Football1	Sports, busy, large objects	Rapid Motion		PQA200/300 PQR, PSNR	PQA300

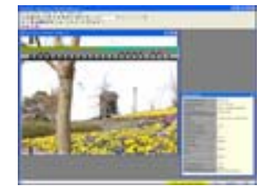
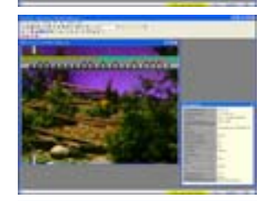
[1] File Type: ES = Elementary Stream, TS = Transport Stream
[2] Click on thumbnail to view the full resolution image.

PQA200-300 Directory

File Name	File Type [1]	File Size	ES Analyzer bitmap Files	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
480i-PQA-16Mbps.trp	TS	299,001 KB	480Scene8.bmp	Football2	Slowly milling people, sports	Slow moving objects		PQA200/300 PQR, PSNR	PQA300
			480Scene9.bmp	Ferris Wheel	Luminance and color details	Fast, complex		PQA200/300 PQR, PSNR	PQA300
			480Scene10.bmp	Diva	Titles on busy scene	Slow		PQA200/300 PQR, PSNR	PQA300
			480Scene11.bmp	Mobile and Calendar	Random motion of objects	Slow		PQA200/300 PQR, PSNR	PQA300
			480Scene12.bmp	Shinjuku	Horizontal and vertical detail	Slow pan		PQA200/300 PQR, PSNR	PQA300
			480Scene13.bmp	Balls of Wool	Moving colors	Medium		PQA200/300 PQR, PSNR	PQA300
			480Scene14.bmp	Popple	Moving colors	Pan, rotate		PQA200/300 PQR, PSNR	PQA300

[1] File Type: ES = Elementary Stream, TS = Transport Stream
[2] Click on thumbnail to view the full resolution image.

PQA200-300 Directory

File Name	File Type [1]	File Size	ES Analyzer bitmap Files	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
480i-PQA-16Mbps.trp	TS	299,001 KB	480Scene15.bmp	Lily Pond	Luminance resolution	Still		PQA200/300 PQR, PSNR	PQA300
576i-PQA-16Mbps.trp	TS	288,768 KB	576Scene1.bmp	Flower Garden	Color details, landscape	Slow pan		PQA200/300 PQR, PSNR	PQA300
			576Scene2.bmp	Soccer	Sports action	Fast		PQA200/300 PQR, PSNR	PQA300
			576Scene3.bmp	Kiel Harbor 4	Luminance detail, landscape	Zoom		PQA200/300 PQR, PSNR	PQA300
			576Scene4.bmp	Tempete	Horizontal, vertical, luminance, color detail	Random motion		PQA200/300 PQR, PSNR	PQA300
			576Scene5.bmp	Susie	Skin tone, talking head	Slow		PQA200/300 PQR, PSNR	PQA300
			576Scene6.bmp	Table Tennis	Multiple randon motion, sports	Pan		PQA200/300 PQR, PSNR	PQA300

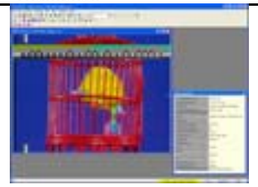
[1] File Type: ES = Elementary Stream, TS = Transport Stream
[2] Click on thumbnail to view the full resolution image.

PQA200-300 Directory

File Name	File Type [1]	File Size	ES Analyzer bitmap Files	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
576i-PQA-16Mbps.trp	TS	288,768 KB	576Scene7.bmp	Ski Race	Sports, moving objects	Pan, zoom		PQA200/300 PQR, PSNR	PQA300
			576Scene8.bmp	Auto Race	Sports, moving objects	Fast		PQA200/300 PQR, PSNR	PQA300
			576Scene9.bmp	BBC Disc	Random movement	Circular		PQA200/300 PQR, PSNR	PQA300
			576Scene10.bmp	Diva	Titles on busy scene	Slow		PQA200/300 PQR, PSNR	PQA300
			576Scene11.bmp	Mobile and Calendar	Random motion of objects	Slow		PQA200/300 PQR, PSNR	PQA300
			576Scene12.bmp	Sailboat	Moving colors	Slow		PQA200/300 PQR, PSNR	PQA300
			576Scene13.bmp	Balls of Wool	Moving colors	Mediium		PQA200/300 PQR, PSNR	PQA300

[1] File Type: ES = Elementary Stream, TS = Transport Stream
[2] Click on thumbnail to view the full resolution image.

PQA200-300 Directory

File Name	File Type [1]	File Size	ES Analyzer bitmap Files	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
576i-PQA-16Mbps.trp	TS	288,768 KB	576Scene14.bmp	Popple	Moving colors	Pan, rotate		PQA200/300 PQR, PSNR	PQA300
			576Scene15.bmp	Lily Pond	Luminance resolution	Still		PQA200/300 PQR, PSNR	PQA300

[1] File Type: ES = Elementary Stream, TS = Transport Stream
[2] Click on thumbnail to view the full resolution image.

Software Encode Directory

Sub-Directory: Motion Test Patterns / 480

File Name	File Type [1]	File Size	ES Analyzer bitmap Files	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
480-TekTest-4x3-29.97i420.trp	TS	71,158 KB	480_TekTest_4x3_2997i420.bmp	TekTest Video Matrix	Complex Matrix, 480, 4x3, 29.97i	Sequential IBBPBBPBBPBB		Verify correct GOP structure, playout order. Many other attributes	Custom, Software Encode
480-TekTest-4x3-59.94p420.trp	TS	71,158 KB	480_TekTest_4x3_5994p420.bmp	TekTest Video Matrix	Complex Matrix, 480, 4x3, 59.94p	Sequential IBBPBBPBBPBB		Verify correct GOP structure, playout order. Many other attributes	Custom, Software Encode
480-TekTest-16x9-59.94p420.trp	TS	71,158 KB	480_TekTest_16x9_5994p420.bmp	TekTest Video Matrix	Complex Matrix, 480, 16x9, 59.94p	Sequential IBBPBBPBBPBB		Verify correct GOP structure, playout order. Many other attributes	Custom, Software Encode

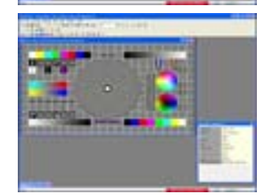
Sub-Directory: Motion Test Patterns / 576

File Name	File Type [1]	File Size	ES Analyzer bitmap Files	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
576-TekTest-4x3-25i420.trp	TS	71,644 KB	576_TekTest_4x3_25i420.bmp	TekTest Video Matrix	Complex Matrix, 576, 4x3, 25i	Sequential IBBPBBPBBPBB		Verify correct GOP structure, playout order. Many other attributes	Custom, Software Encode
576-TekTest-4x3-50p420.trp	TS	71,644 KB	576_TekTest_4x3_50p420.bmp	TekTest Video Matrix	Complex Matrix, 576, 4x3, 50p	Sequential IBBPBBPBBPBB		Verify correct GOP structure, playout order. Many other attributes	Custom, Software Encode
576-TekTest-16x9-50p420.trp	TS	71,644 KB	576_TekTest_16x9_50p420.bmp	TekTest Video Matrix	Complex Matrix, 576, 16x9, 50p	Sequential IBBPBBPBBPBB		Verify correct GOP structure, playout order. Many other attributes	Custom, Software Encode

[1] File Type: ES = Elementary Stream, TS = Transport Stream
[2] Click on thumbnail to view the full resolution image.

Software Encode Directory

Sub-Directory: Motion Test Patterns / 720

File Name	File Type [1]	File Size	ES Analyzer bitmap Files	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
720-TekTest-16x9-50p420.trp	TS	71,123 KB	720_TekTest_16x9_50p420.bmp	TekTest Video Matrix	Complex Matrix, 720, 16x9, 50p	Sequential IBBPBBPBBPBB		Verify correct GOP structure, playout order. Many other attributes	Custom, Software Encode
720-TekTest-16x9-59.94p420.trp	TS	71,123 KB	720_TekTest_16x9_5994p420.bmp	TekTest Video Matrix	Complex Matrix, 720, 16x9, 59.94p	Sequential IBBPBBPBBPBB		Verify correct GOP structure, playout order. Many other attributes	Custom, Software Encode
720-TekTest-16x9-60p420.trp	TS	71,123 KB	720_TekTest_16x9_60p420.bmp	TekTest Video Matrix	Complex Matrix, 720, 16x9, 60p	Sequential IBBPBBPBBPBB		Verify correct GOP structure, playout order. Many other attributes	Custom, Software Encode

Sub-Directory: Motion Test Patterns / 1080

File Name	File Type [1]	File Size	ES Analyzer bitmap Files	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
1080-TekTest-16x9-23.976p420.trp	TS	71,107 KB	1080_TekTest_16x9_23976p420.bmp	TekTest Video Matrix	Complex Matrix, 1080, 16x9, 23.976p	Sequential IBBPBBPBBPBB		Verify correct GOP structure, playout order. Many other attributes	Custom, Software Encode
1080-TekTest-16x9-24p420.trp	TS	71,107 KB	1080_TekTest_16x9_24p420.bmp	TekTest Video Matrix	Complex Matrix, 1080, 16x9, 24p	Sequential IBBPBBPBBPBB		Verify correct GOP structure, playout order. Many other attributes	Custom, Software Encode
1080-TekTest-16x9-25i420.trp	TS	71,107 KB	1080_TekTest_16x9_25i420.bmp	TekTest Video Matrix	Complex Matrix, 1080, 16x9, 25i	Sequential IBBPBBPBBPBB		Verify correct GOP structure, playout order. Many other attributes	Custom, Software Encode

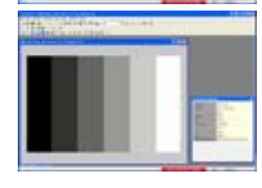
[1] File Type: ES = Elementary Stream, TS = Transport Stream
[2] Click on thumbnail to view the full resolution image.

Software Encode Directory

Sub-Directory: Motion Test Patterns / 1080 (cont.)

File Name	File Type [1]	File Size	ES Analyzer bitmap Files	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
1080-TekTest-16x9-25p420.trp	TS	71,107 KB	1080_TekTest_16x9_25p420.bmp	TekTest Video Matrix	Complex Matrix, 1080, 16x9, 25p	Sequential IBBPBBPBBPBB		Verify correct GOP structure, playout order. Many other attributes	Custom, Software Encode
1080-TekTest-16x9-29.97i420.trp	TS	71,107 KB	1080_TekTest_16x9_2997i420.bmp	TekTest Video Matrix	Complex Matrix, 1080, 16x9, 29.97i	Sequential IBBPBBPBBPBB		Verify correct GOP structure, playout order. Many other attributes	Custom, Software Encode
1080-TekTest-16x9-29.97p420.trp	TS	71,107 KB	1080_TekTest_16x9_2997p420.bmp	TekTest Video Matrix	Complex Matrix, 1080, 16x9, 29.97p	Sequential IBBPBBPBBPBB		Verify correct GOP structure, playout order. Many other attributes	Custom, Software Encode
1080-TekTest-16x9-30i420.trp	TS	71,107 KB	1080_TekTest_16x9_30i420.bmp	TekTest Video Matrix	Complex Matrix, 1080, 16x9, 30i	Sequential IBBPBBPBBPBB		Verify correct GOP structure, playout order. Many other attributes	Custom, Software Encode
1080-TekTest-16x9-30p420.trp	TS	71,107 KB	1080_TekTest_16x9_30p420.bmp	TekTest Video Matrix	Complex Matrix, 1080, 16x9, 30p	Sequential IBBPBBPBBPBB		Verify correct GOP structure, playout order. Many other attributes	Custom, Software Encode

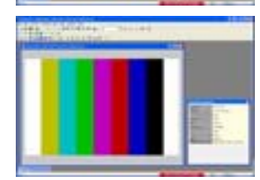
Sub-Directory: Static Test Patterns / 480

480-5Step-4x3-29.97i420.trp	TS	71,158 KB	480_5Step_4x3_2997i420.bmp	5 Step	Luminance 5 Step, 480, 4x3, 29.97i	Static Pattern		Amplitude Non-Linearity	Custom, Software Encode
480-5Step-4x3-59.94p420.trp	TS	71,158 KB	480_5Step_16x9_5994p420.bmp	5 Step	Luminance 5 Step, 480, 4x3, 59.94p	Static Pattern		Amplitude Non-Linearity	Custom, Software Encode

[1] File Type: ES = Elementary Stream, TS = Transport Stream
[2] Click on thumbnail to view the full resolution image.

Software Encode Directory

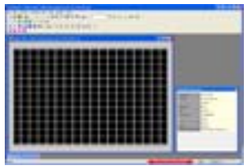
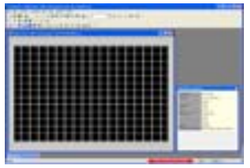
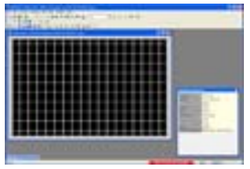
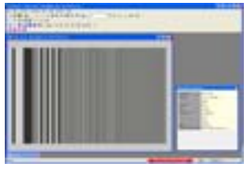
Sub-Directory: Static Test Patterns / 480 (cont.)

File Name	File Type [1]	File Size	ES Analyzer bitmap Files	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
480-5Step-16x9-59.94p420.trp	TS	71,158 KB	480_5Step_4x3_5994p420.bmp	5 Step	Luminance 5 Step, 480, 16x9, 59.94p	Static Pattern		Amplitude Non-Linearity	Custom, Software Encode
480-Bar-4x3-29.97i420.trp	TS	71,158 KB	480_Bar_4x3_2997i420.bmp	H-Bar	Horizontal Half-Field Bar, 480, 4x3, 29.97i	Static Pattern			Custom, Software Encode
480-Bar-4x3-59.94p420.trp	TS	71,158 KB	480_Bar_4x3_5994p420.bmp	H-Bar	Horizontal Half-Field Bar, 480, 4x3, 59.94p	Static Pattern			Custom, Software Encode
480-Bar-16x9-59.94p420.trp	TS	71,158 KB	480_Bar_16x9_5994p420.bmp	H-Bar	Horizontal Half-Field Bar, 480, 16x9, 59.94p	Static Pattern			Custom, Software Encode
480-CB75-4x3-29.97i420.trp	TS	71,158 KB	480_CB75_4x3_2997i420.bmp	75% Color Bars	75% Color Bars, 480, 4x3, 29.97i	Static Pattern		General purpose test signal Luminance Amplitude, Chrominance Amplitude, Chrominance Phase	Custom, Software Encode
480-CB75-4x3-59.94p420.trp	TS	71,158 KB	480_CB75_4x3_5994p420.bmp	75% Color Bars	75% Color Bars, 480, 4x3, 59.94p	Static Pattern		General purpose test signal Luminance Amplitude, Chrominance Amplitude, Chrominance Phase	Custom, Software Encode
480-CB75-16x9-59.94p420.trp	TS	71,158 KB	480_CB75_16x9_5994p420.bmp	75% Color Bars	75% Color Bars, 480, 16x9, 59.94p	Static Pattern		General purpose test signal Luminance Amplitude, Chrominance Amplitude, Chrominance Phase	Custom, Software Encode

[1] File Type: ES = Elementary Stream, TS = Transport Stream
[2] Click on thumbnail to view the full resolution image.

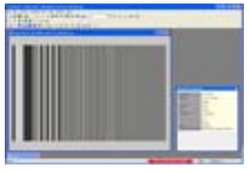
Software Encode Directory

Sub-Directory: Static Test Patterns / 480 (cont.)

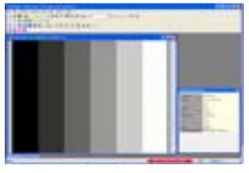
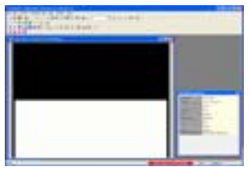
File Name	File Type [1]	File Size	ES Analyzer bitmap Files	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
480-CB100-4x3-29.97i420.trp	TS	71,158 KB	480_CB100_4x3_2997i420.bmp	100% Color Bars	100% Color Bars, 480, 4x3, 29.97i	Static Pattern		General purpose test signal Luminance Amplitude, Chrominance Amplitude, Chrominance Phase	Custom, Software Encode
480-CB100-4x3-59.94p420.trp	TS	71,158 KB	480_CB100_4x3_5994p420.bmp	100% Color Bars	100% Color Bars, 480, 4x3, 59.94p	Static Pattern		General purpose test signal Luminance Amplitude, Chrominance Amplitude, Chrominance Phase	Custom, Software Encode
480-CB100-16x9-59.94p420.trp	TS	71,158 KB	480_CB100_16x9_5994p420.bmp	100% Color Bars	100% Color Bars, 480, 16x9, 59.94p	Static Pattern		General purpose test signal Luminance Amplitude, Chrominance Amplitude, Chrominance Phase	Custom, Software Encode
480-Convergence-4x3-29.97i420.trp	TS	71,158 KB	480_Convergence_4x3_2997i420.bmp	Convergence Pattern	75% Color Bars, 480, 4x3, 29.97i	Static Pattern		Monitor setup, Aspect Ratio	Custom, Software Encode
480-Convergence-4x3-59.94p420.trp	TS	71,158 KB	480_Convergence_4x3_5994p420.bmp	Convergence Pattern	75% Color Bars, 480, 4x3, 59.94p	Static Pattern		Monitor setup, Aspect Ratio	Custom, Software Encode
480-Convergence-16x9-59.94p420.trp	TS	71,158 KB	480_Convergence_16x9_59.94p420.tif	Convergence Pattern	75% Color Bars, 480, 16x9, 59.94p	Static Pattern		Monitor setup, Aspect Ratio	Custom, Software Encode
480-MB60-4x3-29.97i420.trp	TS	71,158 KB	480_MB60_4x3_2997i420.bmp	60% Multiburst	Convergence Pattern, 480, 4x3, 29.97i	Static Pattern		Frequency Response	Custom, Software Encode

[1] File Type: ES = Elementary Stream, TS = Transport Stream
[2] Click on thumbnail to view the full resolution image.

Sub-Directory: Static Test Patterns / 480 (cont.)

File Name	File Type [1]	File Size	ES Analyzer bitmap Files	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
480-MB60-4x3-59.94p420.trp	TS	71,158 KB	480_MB60_4x3_5994p420.bmp	60% Multiburst	Convergence Pattern, 480, 4x3, 59.94p	Static Pattern		Frequency Response	Custom, Software Encode
480-MB60-16x9-59.94p420.trp	TS	71,158 KB	480_MB60_16x9_5994p420.bmp	60% Multiburst	Convergence Pattern, 480, 16x9, 59.94p	Static Pattern		Frequency Response	Custom, Software Encode

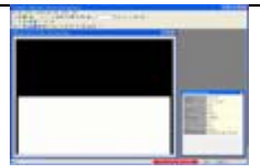
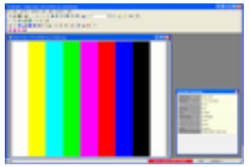
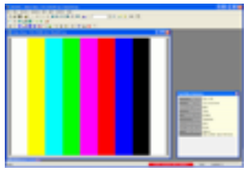
Sub-Directory: Static Test Patterns / 576

576-5Step-4x3-25i420.trp	TS	71,644 KB	576_5Step_4x3_25i420.bmp	5 Step	Luminance 5 Step, 576, 4x3, 25i	Static Pattern		Amplitude Non-Linearity	Custom, Software Encode
576-5Step-4x3-50p420.trp	TS	71,644 KB	576_5Step_4x3_50p420.bmp	5 Step	Luminance 5 Step, 576, 4x3, 50p	Static Pattern		Amplitude Non-Linearity	Custom, Software Encode
576-5Step-16x9-50p420.trp	TS	71,644 KB	576_5Step_16x9_50p420.bmp	5 Step	Luminance 5 Step, 576, 16x9, 50p	Static Pattern		Amplitude Non-Linearity	Custom, Software Encode
576-Bar-4x3-25i420.trp	TS	71,644 KB	576_Bar_4x3_25i420.bmp	H-Bar	Horizontal Half-Field Bar, 576, 4x3, 25i	Static Pattern			Custom, Software Encode
576-Bar-4x3-50p420.trp	TS	71,644 KB	576_Bar_4x3_50p420.bmp	H-Bar	Horizontal Half-Field Bar, 576, 4x3, 50p	Static Pattern			Custom, Software Encode

[1] File Type: ES = Elementary Stream, TS = Transport Stream
[2] Click on thumbnail to view the full resolution image.

Software Encode Directory

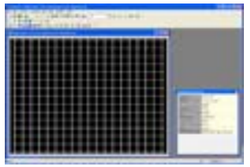
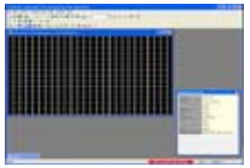
Sub-Directory: Static Test Patterns / 576 (cont.)

File Name	File Type [1]	File Size	ES Analyzer bitmap Files	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
576-Bar-16x9-50p420.trp	TS	71,644 KB	576_Bar_16x9_50p420.bmp	H-Bar	Horizontal Half-Field Bar, 576, 16x9, 50p	Static Pattern			Custom, Software Encode
576-CB75-4x3-25i420.trp	TS	71,644 KB	576_CB100_4x3_25i420.bmp	100% Color Bars	100% Color Bars, 576, 4x3, 25i	Static Pattern		General purpose test signal Luminance Amplitude, Chrominance Amplitude, Chrominance Phase	Custom, Software Encode
576-CB75-4x3-50p420.trp	TS	71,644 KB	576_CB100_4x3_50p420.bmp	100% Color Bars	100% Color Bars, 576, 4x3, 50p	Static Pattern		General purpose test signal Luminance Amplitude, Chrominance Amplitude, Chrominance Phase	Custom, Software Encode
576-CB75-16x9-50p420.trp	TS	71,644 KB	576_CB100_16x9_50p420.bmp	100% Color Bars	100% Color Bars, 576, 16x9, 50p	Static Pattern		General purpose test signal Luminance Amplitude, Chrominance Amplitude, Chrominance Phase	Custom, Software Encode
576-CB100-4x3-25i420.trp	TS	71,644 KB	576_CB75_4x3_25i420.bmp	75% Color Bars	75% Color Bars, 576, 4x3, 25i	Static Pattern		General purpose test signal Luminance Amplitude, Chrominance Amplitude, Chrominance Phase	Custom, Software Encode
576-CB100-4x3-50p420.trp	TS	71,644 KB	576_CB75_4x3_50p420.bmp	75% Color Bars	75% Color Bars, 576, 4x3, 50p	Static Pattern		General purpose test signal Luminance Amplitude, Chrominance Amplitude, Chrominance Phase	Custom, Software Encode
576-CB100-16x9-50p420.trp	TS	71,644 KB	576_CB75_16x9_50p420.bmp	75% Color Bars	75% Color Bars, 576, 16x9, 50p	Static Pattern		General purpose test signal Luminance Amplitude, Chrominance Amplitude, Chrominance Phase	Custom, Software Encode

[1] File Type: ES = Elementary Stream, TS = Transport Stream
[2] Click on thumbnail to view the full resolution image.

Software Encode Directory

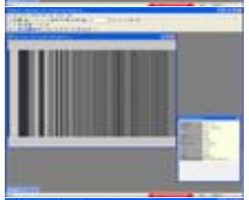
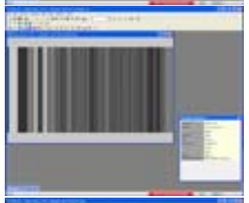
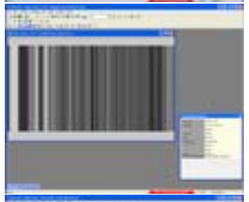
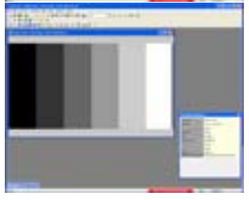
Sub-Directory: Static Test Patterns / 576 (cont.)

File Name	File Type [1]	File Size	ES Analyzer bitmap Files	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
576-Convergence-4x3-25i420.trp	TS	71,644 KB	576_Convergence_4x3_25i420.bmp	Convergence Pattern	Convergence Pattern, 576, 4x3, 25i	Static Pattern		Monitor setup, Aspect Ratio	Custom, Software Encode
576-Convergence-4x3-50p420.trp	TS	71,644 KB	576_Convergence_4x3_50p420.bmp	Convergence Pattern	Convergence Pattern, 576, 4x3, 50p	Static Pattern		Monitor setup, Aspect Ratio	Custom, Software Encode
576-Convergence-16x9-50p420.trp	TS	71,644 KB	576_Convergence_16x9_50p420.bmp	Convergence Pattern	Convergence Pattern, 576, 16x9, 50p	Static Pattern		Monitor setup, Aspect Ratio	Custom, Software Encode
576-MB60-4x3-25i420.trp	TS	71,644 KB	576_MB60_4x3_25i420.bmp	60% Multiburst	60% Multiburst, 576, 4x3, 25i	Static Pattern		Frequency Response	Custom, Software Encode
576-MB60-4x3-50p420.trp	TS	71,644 KB	576_MB60_4x3_50p420.bmp	60% Multiburst	60% Multiburst, 576, 4x3, 50p	Static Pattern		Frequency Response	Custom, Software Encode
576-MB60-16x9-50p420.trp	TS	71,644 KB	576_MB60_16x9_50p420.bmp	60% Multiburst	60% Multiburst, 576, 16x9, 50p	Static Pattern		Frequency Response	Custom, Software Encode

[1] File Type: ES = Elementary Stream, TS = Transport Stream
[2] Click on thumbnail to view the full resolution image.

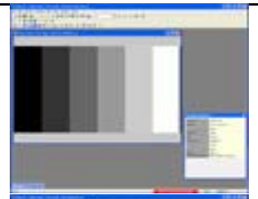
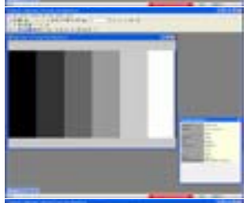
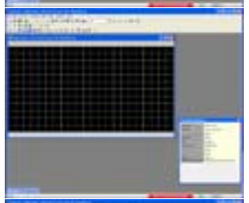
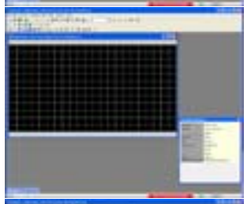
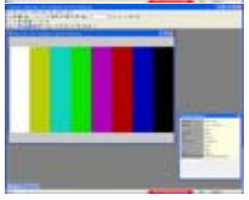
Software Encode Directory

Sub-Directory: Static Test Patterns / 720

File Name	File Type [1]	File Size	ES Analyzer bitmap Files	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
720-1-6multi-16x9-50p420.trp	TS	71,123 KB	720_1to6multi_16x9_50p420.bmp	Multiburst, 1 to 6 MHz	Multiburst, 1-6, 720, 16x9, 50p	Static Pattern		Amplitude Non-Linearity	Custom, Software Encode
720-1-6multi-16x9-59.94p420.trp	TS	71,123 KB	720_1to6multi_16x9_5994p420.bmp	Multiburst, 1 to 6 MHz	Multiburst, 720, 1-6,16x9, 59.94p	Static Pattern		Amplitude Non-Linearity	Custom, Software Encode
720-1-6multi-16x9-60p420.trp	TS	71,123 KB	720_1to6multi_16x9_60p420.bmp	Multiburst, 1 to 6 MHz	Multiburst, 1-6, 720, 16x9, 60p	Static Pattern		Amplitude Non-Linearity	Custom, Software Encode
720-1-30multi-16x9-50p420.trp	TS	71,123 KB	720_1to30multi_16x9_50p420.bmp	Multiburst, 1 to 30 MHz	Multiburst, 1-30, 720, 16x9, 50p	Static Pattern		Frequency Response	Custom, Software Encode
720-1-30multi-16x9-59.94p420.trp	TS	71,123 KB	720_1to30multi_16x9_5994p420.bmp	Multiburst, 1 to 30 MHz	Multiburst, 1-30, 720, 16x9, 59.94p	Static Pattern		Frequency Response	Custom, Software Encode
720-1-30multi-16x9-60p420.trp	TS	71,123 KB	720_1to30multi_16x9_60p420.bmp	Multiburst, 1 to 30 MHz	Multiburst, 1-30, 720, 16x9, 60p	Static Pattern		Frequency Response	Custom, Software Encode
720-5step-16x9-50p420.trp	TS	71,123 KB	720_5Step_16x9_50p420.bmp	5 Step	Luminance 5 Step, 720, 16x9, 50p	Static Pattern		General purpose test signal Luminance Amplitude, Chrominance Amplitude, Chrominance Phase	Custom, Software Encode

[1] File Type: ES = Elementary Stream, TS = Transport Stream
[2] Click on thumbnail to view the full resolution image.

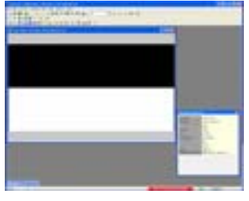
Sub-Directory: Static Test Patterns / 720 (cont.)

File Name	File Type [1]	File Size	ES Analyzer bitmap Files	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
720-5step-16x9-59.94p420.trp	TS	71,123 KB	720_5Step_16x9_5994p420.bmp	5 Step	Luminance 5 Step, 720, 16x9, 59.94p	Static Pattern		General purpose test signal Luminance Amplitude, Chrominance Amplitude, Chrominance Phase	Custom, Software Encode
720-5step-16x9-60p420.trp	TS	71,123 KB	720_5Step_16x9_60p420.bmp	5 Step	Luminance 5 Step, 720, 16x9, 60p	Static Pattern		General purpose test signal Luminance Amplitude, Chrominance Amplitude, Chrominance Phase	Custom, Software Encode
720-21x13cross-16x9-50p420.trp	TS	71,123 KB	720_21x13cross_16x9_50p420.bmp	Convergence Pattern	Convergence Pattern, 720, 16x9, 50p	Static Pattern		Monitor setup, Aspect Ratio	Custom, Software Encode
720-21x13cross-16x9-59.94p420.trp	TS	71,123 KB	720_21x13cross_16x9_5994p420.bmp	Convergence Pattern	Convergence Pattern, 720, 16x9, 59.94p	Static Pattern		Monitor setup, Aspect Ratio	Custom, Software Encode
720-21x13cross-16x9-60p420.trp	TS	71,123 KB	720_21x13cross_16x9_60p420.bmp	Convergence Pattern	Convergence Pattern, 720, 16x9, 60p	Static Pattern		Monitor setup, Aspect Ratio	Custom, Software Encode
720-75colorbars-16x9-50p420.trp	TS	71,123 KB	720_75colorbars_16x9_50p420.bmp	100% Color Bars	75% Color Bars, 720, 16x9, 50p	Static Pattern		General purpose test signal Luminance Amplitude, Chrominance Amplitude, Chrominance Phase	Custom, Software Encode
720-75colorbars-16x9-59.94p420.trp	TS	71,123 KB	720_75colorbars_16x9_5994p420.bmp	100% Color Bars	75% Color Bars, 720, 16x9, 59.94p	Static Pattern		General purpose test signal Luminance Amplitude, Chrominance Amplitude, Chrominance Phase	Custom, Software Encode

[1] File Type: ES = Elementary Stream, TS = Transport Stream
[2] Click on thumbnail to view the full resolution image.

Software Encode Directory

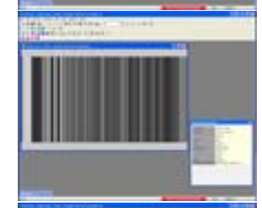
Sub-Directory: Static Test Patterns / 720 (cont.)

File Name	File Type [1]	File Size	ES Analyzer bitmap Files	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
720-75colorbars-16x9-60p420.trp	TS	71,123 KB	720_75colorbars_16x9_60p420.bmp	100% Color Bars	75% Color Bars, 720, 16x9, 60p	Static Pattern		General purpose test signal Luminance Amplitude, Chrominance Amplitude, Chrominance Phase	Custom, Software Encode
720-100colorbars-16x9-50p420.trp	TS	71,123 KB	720_100colorbars_16x9_50p420.bmp	100% Color Bars	100% Color Bars, 720, 16x9, 50p	Static Pattern		Frequency Response	
720-100colorbars-16x9-59.94p420.trp	TS	71,123 KB	720_100colorbars_16x9_5994p420.bmp	100% Color Bars	100% Color Bars, 720, 16x9, 59.94p	Static Pattern		Frequency Response	Custom, Software Encode
720-100colorbars-16x9-60p420.trp	TS	71,123 KB	720_100colorbars_16x9_60p420.bmp	100% Color Bars	100% Color Bars, 720, 16x9, 60p	Static Pattern		Frequency Response	Custom, Software Encode
720-hbar-16x9-50p420.trp	TS	71,123 KB	720_hbar_16x9_50p420.bmp	H-Bar	Horizontal Half-Field Bar, 720, 16x9, 50p	Static Pattern			Custom, Software Encode
720-hbar-16x9-59.94p420.trp	TS	71,123 KB	720_hbar_16x9_60p420.bmp	H-Bar	Horizontal Half-Field Bar, 720, 16x9, 59.94p	Static Pattern			Custom, Software Encode
720-hbar-16x9-60p420.trp	TS	71,123 KB	720_hbar_16x9_5994p420.bmp	H-Bar	Horizontal Half-Field Bar, 720, 16x9, 60p	Static Pattern			Custom, Software Encode

[1] File Type: ES = Elementary Stream, TS = Transport Stream
[2] Click on thumbnail to view the full resolution image.

Software Encode Directory

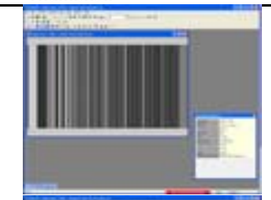
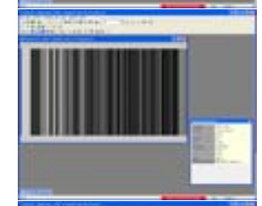
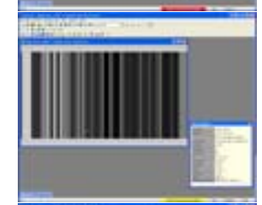
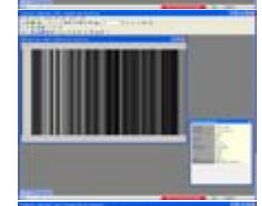
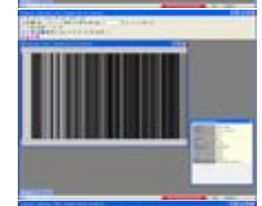
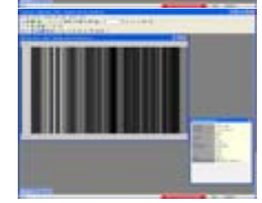
Sub-Directory: Static Test Patterns / 1080

File Name	File Type [1]	File Size	ES Analyzer bitmap Files	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
1080-1-6multi-16x9-23.976p420.trp	TS	71,107 KB	1080_1to6multi_16x9_23976p420.bmp	Multiburst, 1 to 6 MHz	Multiburst, 1-6, 1080, 16x9, 23.976p	Static Pattern		Frequency Response	Custom, Software Encode
1080-1-6multi-16x9-24p420.trp	TS	71,107 KB	1080_1to6multi_16x9_24p420.bmp	Multiburst, 1 to 6 MHz	Multiburst, 1-6, 1080, 16x9, 24p	Static Pattern		Frequency Response	Custom, Software Encode
1080-1-6multi-16x9-25i420.trp	TS	71,107 KB	1080_1to6multi_16x9_25i420.bmp	Multiburst, 1 to 6 MHz	Multiburst, 1-6, 1080, 16x9, 25i	Static Pattern		Frequency Response	Custom, Software Encode
1080-1-6multi-16x9-25p420.trp	TS	71,107 KB	1080_1to6multi_16x9_25p420.bmp	Multiburst, 1 to 6 MHz	Multiburst, 1-6, 1080, 16x9, 25p	Static Pattern		Frequency Response	Custom, Software Encode
1080-1-6multi-16x9-29.97i420.trp	TS	71,107 KB	1080_1to6multi_16x9_2997i420.bmp	Multiburst, 1 to 6 MHz	Multiburst, 1-6, 1080, 16x9, 29.97i	Static Pattern		Frequency Response	Custom, Software Encode
1080-1-6multi-16x9-29.97p420.trp	TS	71,107 KB	1080_1to6multi_16x9_2997p420.bmp	Multiburst, 1 to 6 MHz	Multiburst, 1-6, 1080, 16x9, 29.97p	Static Pattern		Frequency Response	Custom, Software Encode
1080-1-6multi-16x9-30i420.trp	TS	71,107 KB	1080_1to6multi_16x9_30i420.bmp	Multiburst, 1 to 6 MHz	Multiburst, 1-6, 1080, 16x9, 30i	Static Pattern		Frequency Response	Custom, Software Encode

[1] File Type: ES = Elementary Stream, TS = Transport Stream
[2] Click on thumbnail to view the full resolution image.

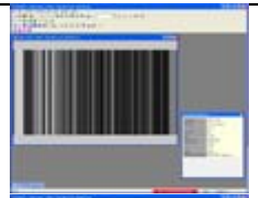
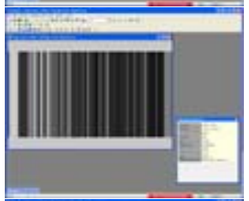
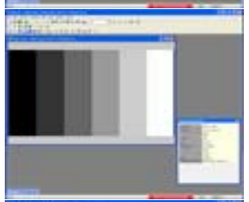
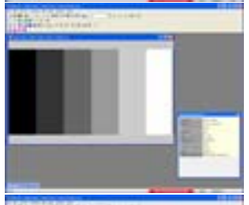
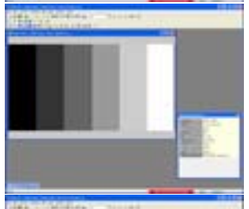
Software Encode Directory

Sub-Directory: Static Test Patterns / 1080 (cont.)

File Name	File Type [1]	File Size	ES Analyzer bitmap Files	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
1080-1-6multi-16x9-30p420.trp	TS	71,107 KB	1080_1to6multi_16x9_30p420.bmp	Multiburst, 1 to 6 MHz	Multiburst, 1-6, 1080, 16x9, 30p	Static Pattern		Frequency Response	Custom, Software Encode
1080-1-30multi-16x9-23.976p420.trp	TS	71,107 KB	1080_1to30multi_16x9_23976p420.bmp	Multiburst, 1 to 30 MHz	Multiburst, 1-30, 1080, 16x9, 23.976p	Static Pattern		Frequency Response	Custom, Software Encode
1080-1-30multi-16x9-24p420.trp	TS	71,107 KB	1080_1to30multi_16x9_24p420.bmp	Multiburst, 1 to 30 MHz	Multiburst, 1-30, 1080, 16x9, 24p	Static Pattern		Frequency Response	Custom, Software Encode
1080-1-30multi-16x9-25i420.trp	TS	71,107 KB	1080_1to30multi_16x9_25i420.bmp	Multiburst, 1 to 30 MHz	Multiburst, 1-30, 1080, 16x9, 25i	Static Pattern		Frequency Response	Custom, Software Encode
1080-1-30multi-16x9-25p420.trp	TS	71,107 KB	1080_1to30multi_16x9_25p420.bmp	Multiburst, 1 to 30 MHz	Multiburst, 1-30, 1080, 16x9, 25p	Static Pattern		Frequency Response	Custom, Software Encode
1080-1-30multi-16x9-29.97i420.trp	TS	71,107 KB	1080_1to30multi_16x9_2997i420.bmp	Multiburst, 1 to 30 MHz	Multiburst, 1-30, 1080, 16x9, 29.97i	Static Pattern		Frequency Response	Custom, Software Encode
1080-1-30multi-16x9-29.97p420.trp	TS	71,107 KB	1080_1to30multi_16x9_2997p420.bmp	Multiburst, 1 to 30 MHz	Multiburst, 1-30, 1080, 16x9, 29.97p	Static Pattern		Frequency Response	Custom, Software Encode

[1] File Type: ES = Elementary Stream, TS = Transport Stream
[2] Click on thumbnail to view the full resolution image.

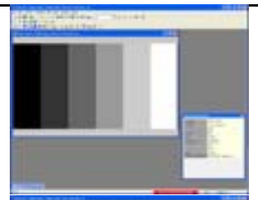
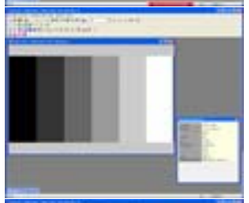
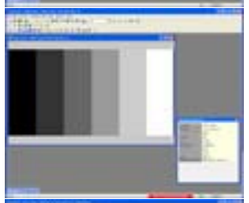
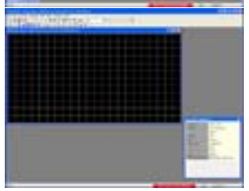
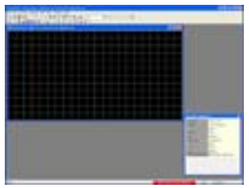
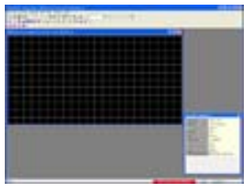
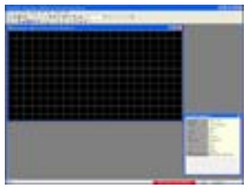
Sub-Directory: Static Test Patterns / 1080 (cont.)

File Name	File Type [1]	File Size	ES Analyzer bitmap Files	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
1080-1-30multi-16x9-30i420.trp	TS	71,107 KB	1080_1to30multi_16x9_30i420.bmp	Multiburst, 1 to 30 MHz	Multiburst, 1-30, 1080, 16x9, 30i	Static Pattern		Frequency Response	Custom, Software Encode
1080-1-30multi-16x9-30p420.trp	TS	71,107 KB	1080_1to30multi_16x9_30p420.bmp	Multiburst, 1 to 30 MHz	Multiburst, 1-30, 1080, 16x9, 30p	Static Pattern		Frequency Response	Custom, Software Encode
1080-5step-16x9-23.976p420.trp	TS	71,107 KB	1080_5step_16x9_23976p420.bmp	5 Step	Luminance 5 Step, 1080, 16x9, 23.976p	Static Pattern		Amplitude Non-Linearity	Custom, Software Encode
1080-5step-16x9-24p420.trp	TS	71,107 KB	1080_5step_16x9_24p420.bmp	5 Step	Luminance 5 Step, 1080, 16x9, 24p	Static Pattern		Amplitude Non-Linearity	Custom, Software Encode
1080-5step-16x9-25i420.trp	TS	71,107 KB	1080_5step_16x9_25i420.bmp	5 Step	Luminance 5 Step, 1080, 16x9, 25i	Static Pattern		Amplitude Non-Linearity	Custom, Software Encode
1080-5step-16x9-25p420.trp	TS	71,107 KB	1080_5step_16x9_25p420.bmp	5 Step	Luminance 5 Step, 1080, 16x9, 25p	Static Pattern		Amplitude Non-Linearity	Custom, Software Encode
1080-5step-16x9-29.97i420.trp	TS	71,107 KB	1080_5step_16x9_2997i420.bmp	5 Step	Luminance 5 Step, 1080, 16x9, 29.97i	Static Pattern		Amplitude Non-Linearity	Custom, Software Encode

[1] File Type: ES = Elementary Stream, TS = Transport Stream
[2] Click on thumbnail to view the full resolution image.

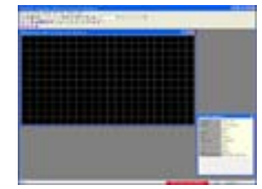
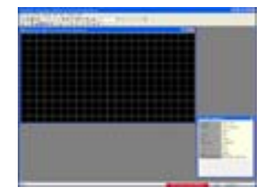
Software Encode Directory

Sub-Directory: Static Test Patterns / 1080 (cont.)

File Name	File Type [1]	File Size	ES Analyzer bitmap Files	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
1080-5step-16x9-29.97p420.trp	TS	71,107 KB	1080_5step_16x9_2997p420.bmp	5 Step	Luminance 5 Step, 1080, 16x9, 29.97p	Static Pattern		Amplitude Non-Linearity	Custom, Software Encode
1080-5step-16x9-30i420.trp	TS	71,107 KB	1080_5step_16x9_30i420.bmp	5 Step	Luminance 5 Step, 1080, 16x9, 30i	Static Pattern		Amplitude Non-Linearity	Custom, Software Encode
1080-5step-16x9-30p420.trp	TS	71,107 KB	1080_5step_16x9_30p420.bmp	5 Step	Luminance 5 Step, 1080, 16x9, 30p	Static Pattern		Amplitude Non-Linearity	Custom, Software Encode
1080-21x13cross-16x9-23.976p420.trp	TS	71,107 KB	1080_21x13cross_16x9_23976p420.bmp	Convergence Pattern	Convergence Pattern, 1080, 16x9, 23.976p	Static Pattern		Monitor setup, Aspect Ratio	Custom, Software Encode
1080-21x13cross-16x9-24p420.trp	TS	71,107 KB	1080_21x13cross_16x9_24p420.bmp	Convergence Pattern	Convergence Pattern, 1080, 16x9, 24p	Static Pattern		Monitor setup, Aspect Ratio	Custom, Software Encode
1080-21x13cross-16x9-25i420.trp	TS	71,107 KB	1080_21x13cross_16x9_25i420.bmp	Convergence Pattern	Convergence Pattern, 1080, 16x9, 25i	Static Pattern		Monitor setup, Aspect Ratio	Custom, Software Encode
1080-21x13cross-16x9-25p420.trp	TS	71,107 KB	1080_21x13cross_16x9_25p420.bmp	Convergence Pattern	Convergence Pattern, 1080, 16x9, 25p	Static Pattern		Monitor setup, Aspect Ratio	Custom, Software Encode

[1] File Type: ES = Elementary Stream, TS = Transport Stream
[2] Click on thumbnail to view the full resolution image.

Sub-Directory: Static Test Patterns / 1080 (cont.)

File Name	File Type [1]	File Size	ES Analyzer bitmap Files	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
1080-21x13cross-16x9-29.97i420.trp	TS	71,107 KB	1080_21x13cross_16x9_2997i420.bmp	Convergence Pattern	Convergence Pattern, 1080, 16x9, 29.97i	Static Pattern		Monitor setup, Aspect Ratio	Custom, Software Encode
1080-21x13cross-16x9-29.97p420.trp	TS	71,107 KB	1080_21x13cross_16x9_2997p420.bmp	Convergence Pattern	Convergence Pattern, 1080, 16x9, 29.97p	Static Pattern		Monitor setup, Aspect Ratio	Custom, Software Encode
1080-21x13cross-16x9-30i420.trp	TS	71,107 KB	1080_21x13cross_16x9_30i420.bmp	Convergence Pattern	Convergence Pattern, 1080, 16x9, 30i	Static Pattern		Monitor setup, Aspect Ratio	Custom, Software Encode
1080-21x13cross-16x9-30p420.trp	TS	71,107 KB	1080_21x13cross_16x9_30p420.bmp	Convergence Pattern	Convergence Pattern, 1080, 16x9, 30p	Static Pattern		Monitor setup, Aspect Ratio	Custom, Software Encode
1080-75colorbars-16x9-23.976p420.trp	TS	71,107 KB	1080_75colorbars_16x9_23976p420.bmp	75% Color Bars	75% Color Bars, 1080, 16x9, 23.976p	Static Pattern		General purpose test signal Luminance Amplitude, Chrominance Amplitude, Chrominance Phase	Custom, Software Encode
1080-75colorbars-16x9-24p420.trp	TS	71,107 KB	1080_75colorbars_16x9_24p420.bmp	75% Color Bars	75% Color Bars, 1080, 16x9, 24p	Static Pattern		General purpose test signal Luminance Amplitude, Chrominance Amplitude, Chrominance Phase	Custom, Software Encode
1080-75colorbars-16x9-25i420.trp	TS	71,107 KB	1080_75colorbars_16x9_25i420.bmp	75% Color Bars	75% Color Bars, 1080, 16x9, 25i	Static Pattern		General purpose test signal Luminance Amplitude, Chrominance Amplitude, Chrominance Phase	Custom, Software Encode

[1] File Type: ES = Elementary Stream, TS = Transport Stream
[2] Click on thumbnail to view the full resolution image.

Software Encode Directory

Sub-Directory: Static Test Patterns / 1080 (cont.)

File Name	File Type [1]	File Size	ES Analyzer bitmap Files	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
1080-75colorbars-16x9-25p420.trp	TS	71,107 KB	1080_75colorbars_16x9_25p420.bmp	75% Color Bars	75% Color Bars, 1080, 16x9, 25p	Static Pattern		General purpose test signal Luminance Amplitude, Chrominance Amplitude, Chrominance Phase	Custom, Software Encode
1080-75colorbars-16x9-29.97i420.trp	TS	71,107 KB	1080_75colorbars_16x9_2997i420.bmp	75% Color Bars	75% Color Bars, 1080, 16x9, 29.97i	Static Pattern		General purpose test signal Luminance Amplitude, Chrominance Amplitude, Chrominance Phase	Custom, Software Encode
1080-75colorbars-16x9-29.97p420.trp	TS	71,107 KB	1080_75colorbars_16x9_2997p420.bmp	75% Color Bars	75% Color Bars, 1080, 16x9, 29.97p	Static Pattern		General purpose test signal Luminance Amplitude, Chrominance Amplitude, Chrominance Phase	Custom, Software Encode
1080-75colorbars-16x9-30i420.trp	TS	71,107 KB	1080_75colorbars_16x9_30i420.bmp	75% Color Bars	75% Color Bars, 1080, 16x9, 30i	Static Pattern		General purpose test signal Luminance Amplitude, Chrominance Amplitude, Chrominance Phase	Custom, Software Encode
1080-75colorbars-16x9-30p420.trp	TS	71,107 KB	1080_75colorbars_16x9_30p420.bmp	75% Color Bars	75% Color Bars, 1080, 16x9, 30p	Static Pattern		General purpose test signal Luminance Amplitude, Chrominance Amplitude, Chrominance Phase	Custom, Software Encode
1080-100colorbars-16x9-23.976p420.trp	TS	71,107 KB	1080_100colorbars_16x9_23976p420.bmp	100% Color Bars	100% Color Bars, 1080, 16x9, 23.976p	Static Pattern		General purpose test signal Luminance Amplitude, Chrominance Amplitude, Chrominance Phase	Custom, Software Encode
1080-100colorbars-16x9-24p420.trp	TS	71,107 KB	1080_100colorbars_16x9_24p420.bmp	100% Color Bars	100% Color Bars, 1080, 16x9, 24p	Static Pattern		General purpose test signal Luminance Amplitude, Chrominance Amplitude, Chrominance Phase	Custom, Software Encode

[1] File Type: ES = Elementary Stream, TS = Transport Stream
[2] Click on thumbnail to view the full resolution image.

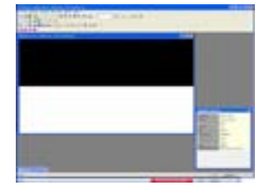
Sub-Directory: Static Test Patterns / 1080 (cont.)

File Name	File Type [1]	File Size	ES Analyzer bitmap Files	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
1080-100colorbars-16x9-25i420.trp	TS	71,107 KB	1080_100colorbars_16x9_25i420.bmp	100% Color Bars	100% Color Bars, 1080, 16x9, 25i	Static Pattern		General purpose test signal Luminance Amplitude, Chrominance Amplitude, Chrominance Phase	Custom, Software Encode
1080-100colorbars-16x9-25p420.trp	TS	71,107 KB	1080_100colorbars_16x9_25p420.bmp	100% Color Bars	100% Color Bars, 1080, 16x9, 25p	Static Pattern		General purpose test signal Luminance Amplitude, Chrominance Amplitude, Chrominance Phase	Custom, Software Encode
1080-100colorbars-16x9-29.97i420.trp	TS	71,107 KB	1080_100colorbars_16x9_2997i420.bmp	100% Color Bars	100% Color Bars, 1080, 16x9, 29.97i	Static Pattern		General purpose test signal Luminance Amplitude, Chrominance Amplitude, Chrominance Phase	Custom, Software Encode
1080-100colorbars-16x9-29.97p420.trp	TS	71,107 KB	1080_100colorbars_16x9_2997p420.bmp	100% Color Bars	100% Color Bars, 1080, 16x9, 29.97p	Static Pattern		General purpose test signal Luminance Amplitude, Chrominance Amplitude, Chrominance Phase	Custom, Software Encode
1080-100colorbars-16x9-30i420.trp	TS	71,107 KB	1080_100colorbars_16x9_30i420.bmp	100% Color Bars	100% Color Bars, 1080, 16x9, 30i	Static Pattern		General purpose test signal Luminance Amplitude, Chrominance Amplitude, Chrominance Phase	Custom, Software Encode
1080-100colorbars-16x9-30p420.trp	TS	71,107 KB	1080_100colorbars_16x9_30p420.bmp	100% Color Bars	100% Color Bars, 1080, 16x9, 30p	Static Pattern		General purpose test signal Luminance Amplitude, Chrominance Amplitude, Chrominance Phase	Custom, Software Encode
1080-hbar-16x9-23.976p420.trp	TS	71,107 KB	1080_hbar_16x9_23976p420.bmp	H-Bar	Horizontal Half-Field Bar, 1080, 16x9, 23.976p	Static Pattern			Custom, Software Encode

[1] File Type: ES = Elementary Stream, TS = Transport Stream
[2] Click on thumbnail to view the full resolution image.

Software Encode Directory

Sub-Directory: Static Test Patterns / 1080 (cont.)

File Name	File Type [1]	File Size	ES Analyzer bitmap Files	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
1080-hbar-16x9-24p420.trp	TS	71,107 KB	1080_hbar_16x9_24p420.bmp	H-Bar	Horizontal Half-Field Bar, 16x9, 24p	Static Pattern			Custom, Software Encode
1080-hbar-16x9-25i420.trp	TS	71,107 KB	1080_hbar_16x9_25i420.bmp	H-Bar	Horizontal Half-Field Bar, 1080, 16x9, 25i	Static Pattern			Custom, Software Encode
1080-hbar-16x9-25p420.trp	TS	71,107 KB	1080_hbar_16x9_25p420.bmp	H-Bar	Horizontal Half-Field Bar, 1080, 16x9, 25p	Static Pattern			Custom, Software Encode
1080-hbar-16x9-29.97i420.trp	TS	71,107 KB	1080_hbar_16x9_2997i420.bmp	H-Bar	Horizontal Half-Field Bar, 1080, 16x9, 29.97i	Static Pattern			Custom, Software Encode
1080-hbar-16x9-29.97p420.trp	TS	71,107 KB	1080_hbar_16x9_2997p420.bmp	H-Bar	Horizontal Half-Field Bar, 1080, 16x9, 29.97p	Static Pattern			Custom, Software Encode
1080-hbar-16x9-30i420.trp	TS	71,107 KB	1080_hbar_16x9_30i420.bmp	H-Bar	Horizontal Half-Field Bar, 1080, 16x9, 30i	Static Pattern			Custom, Software Encode
1080-hbar-16x9-30p420.trp	TS	71,107 KB	1080_hbar_16x9_30p420.bmp	H-Bar	Horizontal Half-Field Bar, 1080, 16x9, 30p	Static Pattern			Custom, Software Encode

[1] **File Type: ES = Elementary Stream, TS = Transport Stream**
[2] **Click on thumbnail to view the full resolution image.**

Test Streams Directory

File Name	File Type [1]	File Size
test40.trp	TS	70,970 KB
test64.trp	TS	113,551 KB
Sub-Directory: 525		
Flower.trp	TS	14,139 KB
mobile.trp	TS	14,190 KB
Move_Pallet.trp	TS	6,844 KB
pallet.trp	TS	6,843.trp
PulseBar.trp	TS	6,822 KB
smpte.trp	TS	6,354 KB
sweep.trp	TS	6,843.trp
Sub-Directory: 625		
bbc.trp	TS	30,434 KB
flower.trp	TS	30,462 KB
matrix.trp	TS	30,462 KB
mobile.trp	TS	30,445 KB
susie.trp	TS	30,485 KB
table.trp	TS	30,426 KB
Sub-Directory: Audio		
1kz-256.trp	TS	3,667 KB
4kz-256.trp	TS	3,667 KB
400-256.trp	TS	3,667 KB
music256.trp	TS	14,651 KB
Sub-Directory: ISDB-T		
ISDB_T_M1.rmx		59,925 KB
ISDB_T_M2.rmx		60,180 KB
ISDB_T_M3.rmx		60,180 KB

[1] **File Type: ES = Elementary Stream, TS = Transport Stream**

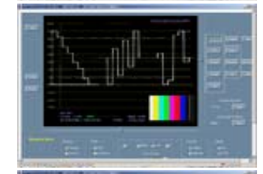
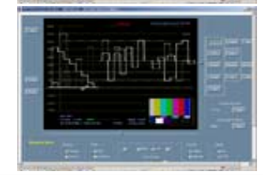
TSG130A-131A-VM700 Matrix Directory

File Name	File Type [1]	File Size	ES Analyzer bitmap Files	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
480i-TSG130A-Matrix-10Mbps.trp	TS	18,326 KB	TSG130A_Matrix_10Mbps.bmp	TSG130A Matrix	Simple Matrix Pattern, 7 test signals, NTSC Line 20-65 : 75% EIA Color Bars Line 66-110 : 50% Flat Field Line 111-142 : NTC7 Combination Line 143-182 : Sin x/x Line 183-202 : NTC7 Composite Line 203-223 : Red Field Line 224-263 : Chroma Freq. Response	Static Pattern		VM700T, AUTO and MEASURE tests. Several attributes. Refer to the individual test signal descriptions in the applicable TG700 documentation.	TG700/DVG7
576i-TSG131A-Matrix-10Mbps.trp	TS	18,307 KB	TSG131A_Matrix_10Mbps.bmp	TSG131A Matrix	Simple matrix pattern, 12 test signals, PAL Line 24-47 : CCIR 17 Line 48-71 : CCIR 330 Line 72-95 : CCIR 331 Line 96-119 : CCIR 18 Line 120-143 : 75% Color Bars Line 144-166 : Sin x/x Line 167-190 : 75% Red Field Line 191-214 : 15 kHz Square Wave Line 215-238 : 50% Flat Field Line 239-262 : Shallow Ramp Line 263-286 : UK ITS 1 LIne 287-310 : UK ITS 2	Static Pattern		VM700T, AUTO and MEASURE tests. Several attributes. Refer to the individual test signal descriptions in the applicable TG700 documentation.	TG700/DVG7

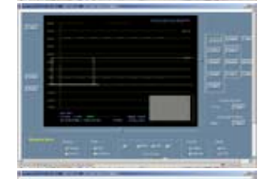
[1] File Type: ES = Elementary Stream, TS = Transport Stream
[2] Click on thumbnail to view the full resolution image.

TG700 DVG7 Test Patterns Directory

Sub-Directory: 480-4x3-29.97i / Color Bar

File Name	File Type [1]	File Size	Waveform bitmap File name	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
480-4x3-29.97i-75 Color Bars.mpg	TS	18,988 KB	480Colorbar75.bmp	75% Color Bars	480i, 75% Color Bars	Static Pattern		General purpose test signal, Luminance Amplitude, Chrominance Amplitude, Chrominance Phase	TG700/DVG7
480-4x3-29.97i-100 Color Bars.mpg	TS	18,988 KB	480colorbar100.bmp	100% Color Bars	480i, 100% Color Bars	Static Pattern		General purpose test signal, Luminance Amplitude, Chrominance Amplitude, Chrominance Phase	TG700/DVG7
480-4x3-29.97i-SMPTE Color Bars.mpg	TS	18,988 KB	480colorbarsmpte.bmp	SMPTE Color Bars	480i, SMPTE Bars	Static Pattern		General purpose test signal, Luminance Amplitude, Chrominance Amplitude, Chrominance Phase, Black setup, Monitor adjust	TG700/DVG7

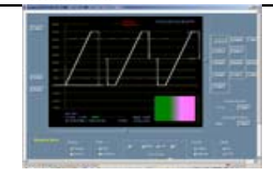
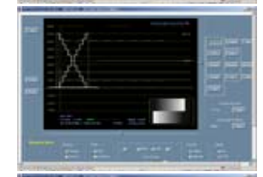
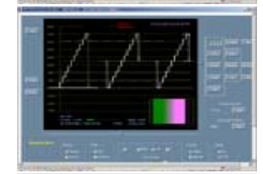
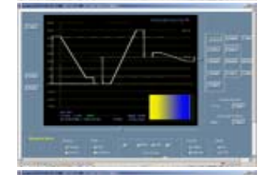
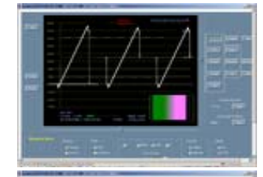
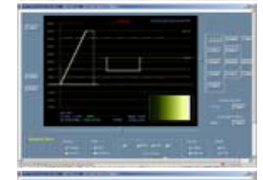
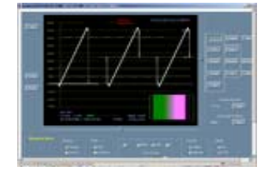
Sub-Directory: 480-4x3-29.97i / Flat Field

File Name	File Type [1]	File Size	Waveform bitmap File name	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
480-4x3-29.97i-0% Flat Field.mpg	TS	18,988 KB	4800%FlatField.bmp	0% Flat Field	480i, 0% Flat Field	Static Pattern		VM700T SNR, Monitor setup	TG700/DVG7
480-4x3-29.97i-50% Flat Field.mpg	TS	18,988 KB	480FlatField50.bmp	50% Flat Field	480i, 50% Flat Field	Static Pattern		VM700T SNR, Monitor setup	TG700/DVG7
480-4x3-29.97i-100% Flat Field.mpg	TS	18,988 KB	480FlatField100.bmp	100% Flat Field	480i, 100% Flat Field	Static Pattern		Monitor setup	TG700/DVG7
480-4x3-29.97i-Field Square Wave.mpg	TS	18,988 KB	480FieldSquareWave.bmp	Field Square Wave	480i, Field Square Wave	Static Pattern		Filed Time Distortion	TG700/DVG7

[1] File Type: ES = Elementary Stream, TS = Transport Stream
[2] Click on thumbnail to view the full resolution image.

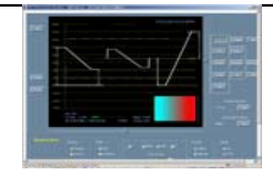
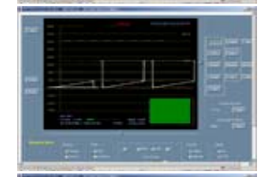
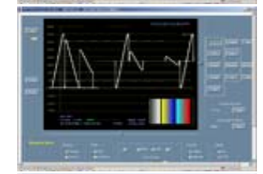
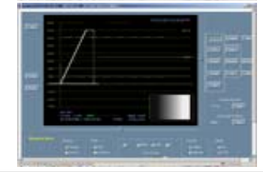
TG700 DVG7 Test Patterns Directory

Sub-Directory: 480-4x3-29.97i / Linearity

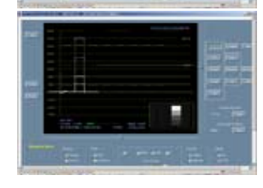
File Name	File Type [1]	File Size	Waveform bitmap File name	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
480-4x3-29.97i-3 Channel Ramp.mpg	TS	18,988 KB	4803channelramp.bmp	3 Channel Ramp	480i, 3 Channel Ramp	Static Pattern		Analog Component Linearity	TG700/DVG7
480-4x3-29.97i-5 Step.mpg	TS	18,988 KB	4805step.bmp	5 Step	480i, 5 Step	Static Pattern		Amplitude Non-Linearity	TG700/DVG7
480-4x3-29.97i-10 Step Luma.mpg	TS	18,988 KB	48010StepLuma.bmp	10 Step Luma	480i, 10 Step Luma	Static Pattern		Amplitude Non-Linearity, Luma Channel	TG700/DVG7
480-4x3-29.97i-10 Step.mpg	TS	18,988 KB	48010Step.bmp	10 Step	480i, 10 Step	Static Pattern		Amplitude Non-Linearity	TG700/DVG7
480-4x3-29.97i-B-Y Valid Ramp.mpg	TS	18,988 KB	480B-YValidRamp.bmp	B-Y Valid Ramp	480i, B-Y Valid Ramp	Static Pattern		Analog Component Linearity to Valid Gamut Limits, B-Y Channel Only	TG700/DVG7
480-4x3-29.97i-Limit Ramp.mpg	TS	18,988 KB	480LimitRamp.bmp	Limit Ramp	480i, Limit Ramp	Static Pattern		Test for total range of allowed digital sample voltages	TG700/DVG7
480-4x3-29.97i-Modulated Ramp.mpg	TS	18,988 KB	480ModulatedRamp.bmp	Modulated Ramp	480i, Modulated Ramp	Static Pattern		Test for total range of allowed digital sample voltages, with Diff Gain	TG700/DVG7
480-4x3-29.97i-Oversize Ramp.mpg	TS	18,988 KB	480OversizeRamp.bmp	Oversize Ramp	480i, Oversize Ramp	Static Pattern		Test system response to oversized signals	TG700/DVG7

[1] File Type: ES = Elementary Stream, TS = Transport Stream
[2] Click on thumbnail to view the full resolution image.

Sub-Directory: 480-4x3-29.97i / Linearity (cont.)

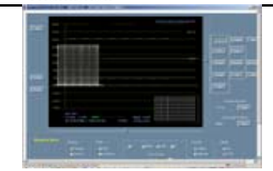
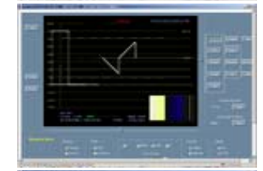
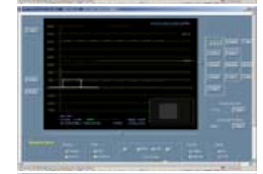
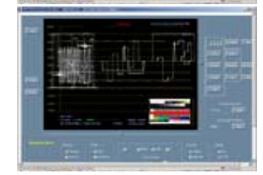
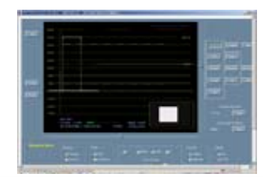
File Name	File Type [1]	File Size	Waveform bitmap File name	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
480-4x3-29.97i-R-Y Valid Ramp.mpg	TS	18,988 KB	480R-YValidRamp.bmp	R-Y Valid Ramp	480i, R-Y Valid Ramp	Static Pattern		Analog Component Linearity to Valid Gamut Limits, R-Y Channel Only	TG700/DVG7
480-4x3-29.97i-Shallow Ramp Matrix.mpg	TS	18,988 KB	480ShalowRampMatrix.bmp	Shallow Ramp Matrix	480i, Shallow Ramp Matrix	Static Pattern		Analog Component Linearity	TG700/DVG7
480-4x3-29.97i-Shallow Ramp.mpg	TS	18,988 KB	480ShallowRamp.bmp	Shallow Ramp	480i, Shallow Ramp	Static Pattern		Analog Component Linearity	TG700/DVG7
480-4x3-29.97i-Valid Ramp.mpg	TS	18,988 KB	480ValidRamp.bmp	Valid Ramp	480i, Valid Ramp	Static Pattern		Analog Component Linearity to Limits	TG700/DVG7
480-4x3-29.97i-Y Valid Ramp.mpg	TS	18,988 KB	480YValidRamp.bmp	Y Valid Ramp	480i, Y Valid Ramp	Static Pattern		Analog Component Linearity to Valid Gamut Limits Y Channel Only	TG700/DVG7

Sub-Directory: 480-4x3-29.97i / Monitor

File Name	File Type [1]	File Size	Waveform bitmap File name	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
480-4x3-29.97i-2 Level Ped. & Pluge.mpg	TS	18,988 KB	4802levelped&pluge.bmp	2 Level Pedestal & Pluge	480i, 2 Level Pedestal & Pluge	Static Pattern		Monitor black level setup	TG700/DVG7
480-4x3-29.97i-4 Level Ped. & Pluge.mpg	TS	18,988 KB	4804levelped&pluge.bmp	4 Level Pedestal & Pluge	480i, 4 Level Pedestal & Pluge	Static Pattern		Monitor black level setup	TG700/DVG7

[1] File Type: ES = Elementary Stream, TS = Transport Stream
[2] Click on thumbnail to view the full resolution image.

Sub-Directory: 480-4x3-29.97i / Monitor (cont.)

File Name	File Type [1]	File Size	Waveform bitmap File name	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
480-4x3-29.97i-Convergence Pattern.mpg	TS	18,988 KB	480Convergence.bmp	Convergence Pattern	480i, Convergence Pattern	Static Pattern		Monitor setup, Aspect Ratio	TG700/DVG7
480-4x3-29.97i-Gamut Test.mpg	TS	18,988 KB	480gamuttest.bmp	Gamut Test	480i, Gamut Test	Static Pattern		Valid Color Gamut Range	TG700/DVG7
480-4x3-29.97i-Grey Window.mpg	TS	18,988 KB	480greywindow.bmp	Grey Window	480i, Grey Window	Static Pattern		Field Time Distortion	TG700/DVG7
480-4x3-29.97i-Panasonic Matrix.mpg	TS	18,988 KB	480panasonicmatrix.bmp	Panasonic Matrix	480i, Simple Matrix, 10 signals 100% White NTC7 Composite 5 Step 0% (Black) NTC7 Combination Red Field Multiburst 75% Color Bars Sin x/x 100% White	Static Pattern		VM700T, AUTO and MEASURE tests. Several attributes. Refer to the individual test signal descriptions in the TG700 documentation.	TG700/DVG7
480-4x3-29.97i-White Window.mpg	TS	18,988 KB	480whitewindow.bmp	White Window	480i, White Window	Static Pattern		Field Time Distortion	TG700/DVG7

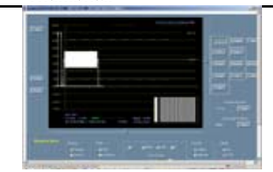
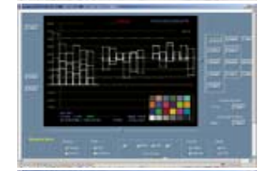
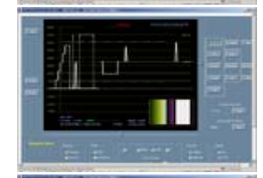
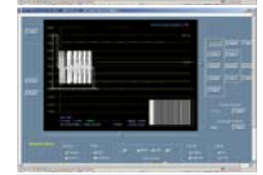
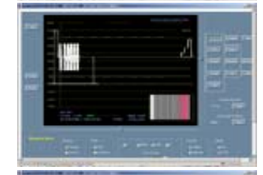
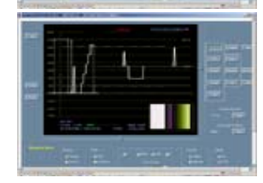
Sub-Directory: 480-4x3-29.97i / Multiburst

File Name	File Type [1]	File Size	Waveform bitmap File name	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
480-4x3-29.97i-60% Multiburst.mpg	TS	18,988 KB	480Multiburst60.bmp	60% Multiburst	480i, 60% Multiburst	Static Pattern		Frequency Response	TG700/DVG7
480-4x3-29.97i-Multipulse.mpg	TS	18,988 KB	480multipulse.bmp	Multipulse	480i, Multipulse	Static Pattern		Frequency Response, Group Delay	TG700/DVG7

[1] File Type: ES = Elementary Stream, TS = Transport Stream
[2] Click on thumbnail to view the full resolution image.

TG700 DVG7 Test Patterns Directory

Sub-Directory: 480-4x3-29.97i / Other

File Name	File Type [1]	File Size	Waveform bitmap File name	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
480-4x3-29.97i-Chroma Freq. Resp..mpg	TS	18,988 KB	480chromafreqresp.bmp	Chroma Frequency Response	480i, Chroma Frequency Response	Static Pattern		Chroma Channel Freq. Response	TG700/DVG7
480-4x3-29.97i-Color Palette.mpg	TS	18,988 KB	480colorpalet.bmp	Color Pallet	480i, Color Pallet	Static Pattern		Simulates Camera Color Test Chart	TG700/DVG7
480-4x3-29.97i-FCC Composite.mpg	TS	18,988 KB	480fcccomposite.bmp	FCC Composite	480i, FCC Composite	Static Pattern		Insertion Gain Line Time Distortion Chroma-Luma Gain Inequality Chroma-Luma Delay Inequality Luminance Non-linear Distortion Differential Gain Differential Phase Pulse to Bar Ratio	TG700/DVG7
480-4x3-29.97i-FCC Multiburst.mpg	TS	18,988 KB	480fccmultiburst.bmp	FCC Multiburst	480i, FCC Multiburst	Static Pattern		Frequency Response	TG700/DVG7
480-4x3-29.97i-NTC7 Combination.mpg	TS	18,988 KB	480ntc7combination.bmp	NTC7 Combination	480i, NTC7 Combination	Static Pattern		Frequency Response Chrominance Non-Linear Distortion Chrominance Non-Linear Phase Distortion Chroma-Luma Intermodulation	TG700/DVG7
480-4x3-29.97i-NTC7 Composite.mpg	TS	18,988 KB	480ntc7composite.bmp	NTC7 Composite	480i, NTC7 Composite	Static Pattern		Insertion Gain Line Time Distortion Chroma-Luma Gain Inequality Chroma-Luma Delay Inequality Luminance Non-Linear Distortion Differential Gain Differential Phase Pulse to Bar Ratio	TG700/DVG7

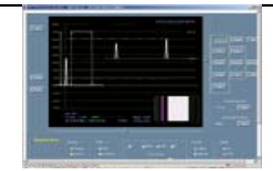
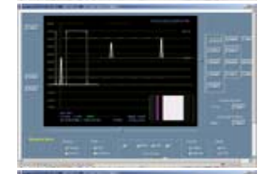
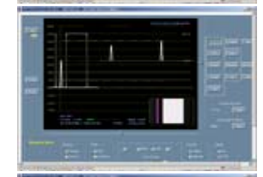
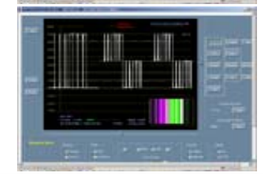
Sub-Directory: 480-4x3-29.97i / Pulse Bar

File Name	File Type [1]	File Size	Waveform bitmap File name	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
480-4x3-29.97i-2T Pulse & Bar.mpg	TS	18,988 KB	4802tpusle&bar.bmp	2T Pulse & Bar	480i, 2T Pulse & Bar	Static Pattern		Pulse Response, Pulse to Bar Ratio	TG700/DVG7

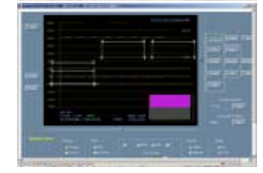
[1] **File Type: ES = Elementary Stream, TS = Transport Stream**
[2] **Click on thumbnail to view the full resolution image.**

TG700 DVG7 Test Patterns Directory

Sub-Directory: 480-4x3-29.97i / Pulse Bar (cont.)

File Name	File Type [1]	File Size	Waveform bitmap File name	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
480-4x3-29.97i-2T4 Pulse & Bar.mpg	TS	18,988 KB	4802t4pulse&bar.bmp	2T/4T Pulse & Bar	480i, 2T/4T Pulse & Bar	Static Pattern		Pulse Response, Pulse to Bar Ratio	TG700/DVG7
480-4x3-29.97i-B1 2T5 Pulse & Bar.mpg	TS	18,988 KB	480b12t5pulse&bar.bmp	2T/5T Pulse & Bar	480i, 2T/5T Pulse & Bar	Static Pattern		Pulse Response, Pulse to Bar Ratio	TG700/DVG7
480-4x3-29.97i-B1 off2T5 Pulse & Bar.mpg	TS	18,988 KB	480b1off2t5pulse&bar.bmp	2T/5T Pulse & Bar, offset	480i, 2T/5T Pulse & Bar, offset	Static Pattern		Pulse Response, Pulse to Bar Ratio	TG700/DVG7
480-4x3-29.97i-T Pulses.mpg	TS	18,988 KB	480tpulses.bmp	T Pulses	480i, T Pulses	Static Pattern		Pulse Response, Several Frequencies	TG700/DVG7

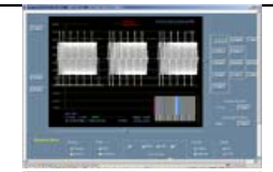
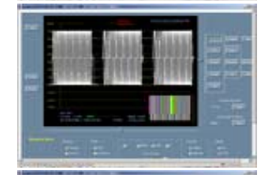
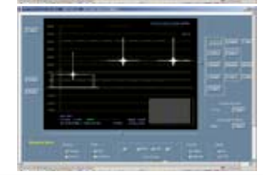
Sub-Directory: 480-4x3-29.97i / SDI

File Name	File Type [1]	File Size	Waveform bitmap File name	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
480-4x3-29.97i-Equalizer Test.mpg	TS	18,988 KB	480equalizertest.bmp	Equalizer Test	480i, Equalizer Test	Static Pattern		Deserializer IC Stress Test	TG700/DVG7
480-4x3-29.97i-PLL Test.mpg	TS	18,988 KB	480plltest.bmp	PLL Test	480i, PLL Test	Static Pattern		Deserializer IC Stress Test	TG700/DVG7
480-4x3-29.97i-SDI Matrix.mpg	TS	18,988 KB	480sdimatrix.bmp	SDI Matrix	480i, SDI Matrix	Static Pattern		Deserializer IC Stress Test	TG700/DVG7

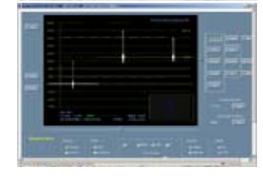
[1] File Type: ES = Elementary Stream, TS = Transport Stream
[2] Click on thumbnail to view the full resolution image.

TG700 DVG7 Test Patterns Directory

Sub-Directory: 480-4x3-29.97i / Sweep

File Name	File Type [1]	File Size	Waveform bitmap File name	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
480-4x3-29.97i-60% Sweep.mpg	TS	18,988 KB	480sweep60.bmp	60% Sweep	f80i, 60% Sweep	Static Pattern		Frequency Response	TG700/DVG7
480-4x3-29.97i-100% Sweep.mpg	TS	18,988 KB	480sweep100.bmp	100% sweep	480i, 100% sweep	Static Pattern		Frequency Response	TG700/DVG7
480-4x3-29.97i-SinX-X.mpg	TS	18,988 KB	480sinxx.bmp	Sin X/X	480i, Sin X/X	Static Pattern		VM700T Freq. Response, Group Delay	TG700/DVG7

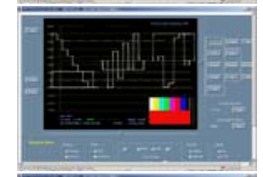
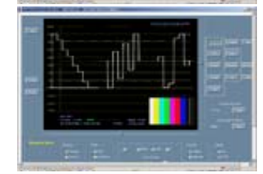
Sub-Directory: 480-4x3-29.97i / Timing

File Name	File Type [1]	File Size	Waveform bitmap File name	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
480-4x3-29.97i-2.5 MHz Bowtie.mpg	TS	18,988 KB	48025mhzbowtie.bmp	2.5 MHz Bowtie	480i, 2.5 MHz Bowtie	Static Pattern		Channel to Channel Timing/Delay	TG700/DVG7
480-4x3-29.97i-500 kHz Bowtie.mpg	TS	18,988 KB	480500khzbowtie.bmp	500 kHz Bowtie	480i, 500 kHz Bowtie	Static Pattern		Channel to Channel Timing/Delay	TG700/DVG7
480-4x3-29.97i-Active Picture Timing.mpg	TS	18,988 KB	480activepicturetiming.bmp	Active Picture Timing	480i, Active Picture Timing	Static Pattern		Active Picture Timing	TG700/DVG7
480-4x3-29.97i-Co-siting Pulse.mpg	TS	18,988 KB	480cositingpulse.bmp	Co-Siting Pulse	480i, Co-Siting Pulse	Static Pattern		SDI Channel Timing	TG700/DVG7

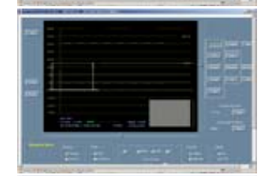
[1] File Type: ES = Elementary Stream, TS = Transport Stream
[2] Click on thumbnail to view the full resolution image.

TG700 DVG7 Test Patterns Directory

Sub-Directory: 576-4x3-25i / Color Bar

File Name	File Type [1]	File Size	Waveform bitmap File name	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
576-4x3-25i-75 Colour Bars Over Red.mpg	TS	18,988 KB	576colorbaroverred75.bmp	75% Color Bars over Red	576i, 75% Color Bars over Red	Static Pattern		General purpose test signal, Luminance Amplitude, Chrominance Amplitude, Chrominance Phase. Chroma Noise/Intermodulation.	TG700/DVG7
576-4x3-25i-75 Colour Bars.mpg	TS	18,988 KB	576colorbar75.bmp	75% Color Bars	576i, 75% Color Bars	Static Pattern		General purpose test signal, Luminance Amplitude, Chrominance Amplitude, Chrominance Phase. Chroma Noise/Intermodulation.	TG700/DVG7
576-4x3-25i-100 Colour Bars Over Red.mpg	TS	18,988 KB	576colorbaroverred100.bmp	100% Color Bars over Red	576i, 100% Color Bars over Red	Static Pattern		General purpose test signal, Luminance Amplitude, Chrominance Amplitude, Chrominance Phase. Chroma Noise/Intermodulation.	TG700/DVG7
576-4x3-25i-100 Colour Bars.mpg	TS	18,988 KB	576colorbar100.bmp	100% Color Bars	576i, 100% Color Bars	Static Pattern		General purpose test signal, Luminance Amplitude, Chrominance Amplitude, Chrominance Phase	TG700/DVG7

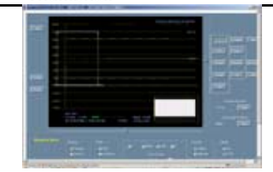
Sub-Directory: 576-4x3-25i / Flat Field

File Name	File Type [1]	File Size	Waveform bitmap File name	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
576-4x3-25i-0% Flat Field.mpg	TS	18,988 KB	576FlatField0.bmp	0% Flat Field	576i, 0% Flat Field	Static Pattern		SNR, Monitor setup	TG700/DVG7
576-4x3-25i-50% Flat Field.mpg	TS	18,988 KB	576FlatField50.bmp	50% Flat Field	576i, 50% Flat Field	Static Pattern		Monitor setup	TG700/DVG7
576-4x3-25i-100% Flat Field.mpg	TS	18,988 KB	576FlatField100.bmp	100% Flat Field	576i, 100% Flat Field	Static Pattern		Monitor setup	TG700/DVG7

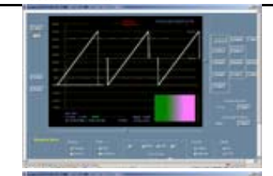
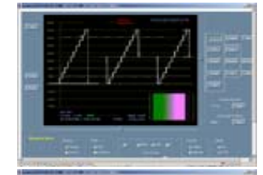
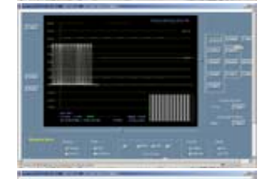
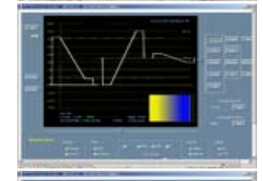
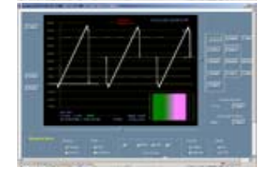
[1] File Type: ES = Elementary Stream, TS = Transport Stream
[2] Click on thumbnail to view the full resolution image.

TG700 DVG7 Test Patterns Directory

Sub-Directory: 576-4x3-25i / Flat Field (cont.)

File Name	File Type [1]	File Size	Waveform bitmap File name	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
576-4x3-25i-Field Square Wave.mpg	TS	18,988 KB	576FieldSquareWave.bmp	Field Square Wave	576i, Field Square Wave	Static Pattern		Field Time Distortion	TG700/DVG7

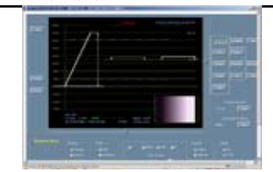
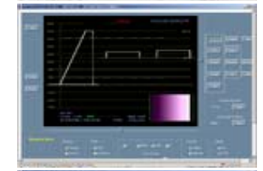
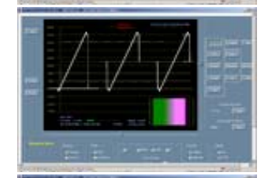
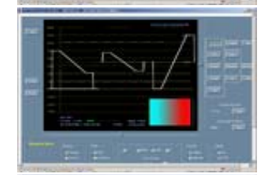
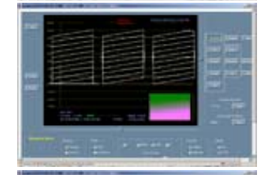
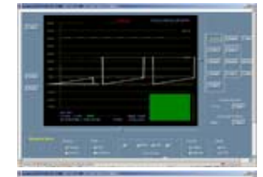
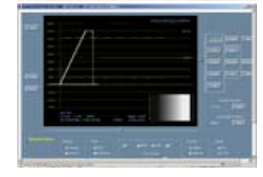
Sub-Directory: 576-4x3-25i / Linearity

File Name	File Type [1]	File Size	Waveform bitmap File name	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
576-4x3-25i-3 Channel Ramp.mpg	TS	18,988 KB	5763channelramp.bmp	3 Channel Ramp	576i, 3 Channel Ramp	Static Pattern		Analog Component Linearity	TG700/DVG7
576-4x3-25i-5 Step.mpg	TS	18,988 KB	5765step.bmp	5 Step	576i, 5 Step	Static Pattern		Amplitude Non-Linearity	TG700/DVG7
576-4x3-25i-10 Step.mpg	TS	18,988 KB	57610step.bmp	10 Step	576i, 10 Step	Static Pattern		Amplitude Non-Linearity	TG700/DVG7
576-4x3-25i-250kHz Square Wave.mpg	TS	18,988 KB	576250khzSquareWave.bmp	250 kHz Square Wave	576i, 250 kHz Square Wave	Static Pattern			TG700/DVG7
576-4x3-25i-B-Y Valid Ramp.mpg	TS	18,988 KB	576B-YValidRamp.bmp	B-Y Valid Ramp	576i, B-Y Valid Ramp	Static Pattern		Analog Component Linearity to Valid Gamut Limits, B-Y channel only	TG700/DVG7
576-4x3-25i-Limit Ramp.mpg	TS	18,988 KB	576LimitRmp.bmp	Limit Ramp	576i, Limit Ramp	Static Pattern		Analog Component Linearity/Range to digital limits	TG700/DVG7

[1] File Type: ES = Elementary Stream, TS = Transport Stream
[2] Click on thumbnail to view the full resolution image.

TG700 DVG7 Test Patterns Directory

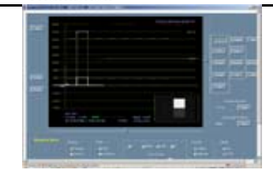
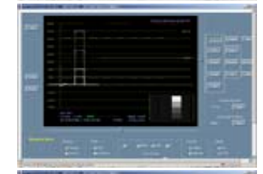
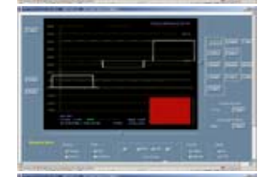
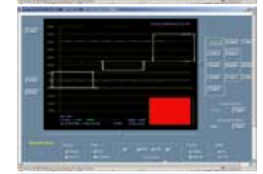
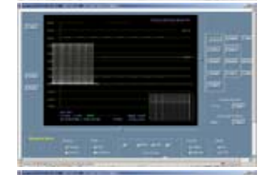
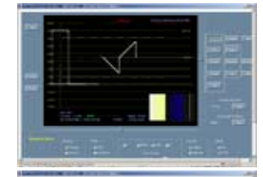
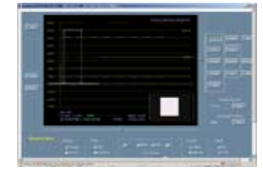
Sub-Directory: 576-4x3-25i / Linearity (cont.)

File Name	File Type [1]	File Size	Waveform bitmap File name	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
576-4x3-25i-Modulated Ramp 100 mV.mpg	TS	18,988 KB	576ModulatedRamp100.bmp	Modulated Ramp, 100 mV	576i, Modulated Ramp, 100 mV	Static Pattern		Analog Component Linearity	TG700/DVG7
576-4x3-25i-Modulated Ramp.mpg	TS	18,988 KB	576ModulatedRamp.bmp	Modulated Ramp	576i, Modulated Ramp	Static Pattern		Analog Component Linearity	TG700/DVG7
576-4x3-25i-Oversize Ramp.mpg	TS	18,988 KB	576Oversizeramp.bmp	Oversize Ramp	576i, Oversize Ramp	Static Pattern		Test system response to oversize signals	TG700/DVG7
576-4x3-25i-R-Y Valid Ramp.mpg	TS	18,988 KB	576R-YValidRamp.bmp	R-Y Valid Ramp	576i, R-Y Valid Ramp	Static Pattern		Analog Component Linearity to Valid Gamut Limits, R-Y channel only	TG700/DVG7
576-4x3-25i-Shallow Ramp Matrix.mpg	TS	18,988 KB	576ShallowRampMatrix.bmp	Shallow Ramp Matrix	576i, Shallow Ramp Matrix	Static Pattern		Analog Component Linearity	TG700/DVG7
576-4x3-25i-Shallow Ramp.mpg	TS	18,988 KB	576ShallowRamp.bmp	Shallow Ramp	576i, Shallow Ramp	Static Pattern		Analog Component Linearity	TG700/DVG7
576-4x3-25i-Y Valid Ramp.mpg	TS	18,988 KB	576YValidRamp.bmp	Y Valid Ramp	576i, Y Valid Ramp	Static Pattern		Analog Component Linearity to Valid Gamut Limits, Y channel only	TG700/DVG7

[1] File Type: ES = Elementary Stream, TS = Transport Stream
[2] Click on thumbnail to view the full resolution image.

TG700 DVG7 Test Patterns Directory

Sub-Directory: 576-4x3-25i / Monitor

File Name	File Type [1]	File Size	Waveform bitmap File name	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
576-4x3-25i-2 Level Ped. & Pluge.mpg	TS	18,988 KB	5762levelped&pluge.bmp	2 Level Pedestal & Pluge	576i, 2 Level Pedestal & Pluge	Static Pattern		Black Level, Monitor setup	TG700/DVG7
576-4x3-25i-4 Level Ped. & Pluge.mpg	TS	18,988 KB	5764levelped&pluge.bmp	4 Level Pedestal & Pluge	576i, 4 Level Pedestal & Pluge	Static Pattern		Black Level, Monitor setup	TG700/DVG7
576-4x3-25i-75% Red Field.mpg	TS	18,988 KB	576RedField75.bmp	75% Red Field	576i, 75% Red Field	Static Pattern		Chroma/Luma Intermodulation	TG700/DVG7
576-4x3-25i-100% Red Field.mpg	TS	18,988 KB	576RedField100.bmp	100% Red Field	576i, 100% Red Field	Static Pattern		Chroma/Luma Intermodulation	TG700/DVG7
576-4x3-25i-Convergence Pattern.mpg	TS	18,988 KB	576ConvergencePattern.bmp	Convergence Pattern	576i, Convergence Pattern	Static Pattern		Monitor setup, Aspect Ratio	TG700/DVG7
576-4x3-25i-Gamut Test.mpg	TS	18,988 KB	576GamutTest.bmp	Gamut Test	576i, Gamut Test	Static Pattern		Valid Color Gamut Range	TG700/DVG7
576-4x3-25i-Grey Window.mpg	TS	18,988 KB	576GreyWindow.bmp	Grey Window	576i, Grey Window	Static Pattern		Field Time Distortion	TG700/DVG7
576-4x3-25i-White Window.mpg	TS	18,988 KB	576WhiteWindow.bmp	White Window	576i, White Window	Static Pattern		Field Time Distortion	TG700/DVG7

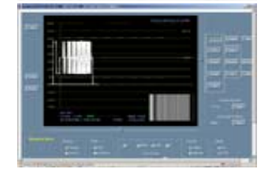
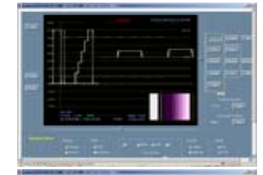
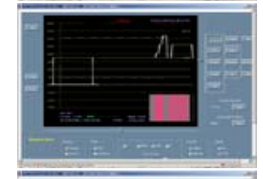
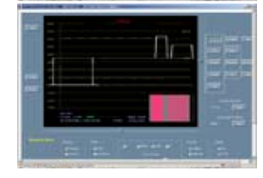
[1] File Type: ES = Elementary Stream, TS = Transport Stream
[2] Click on thumbnail to view the full resolution image.

TG700 DVG7 Test Patterns Directory

Sub-Directory: 576-4x3-25i / Multiburst

File Name	File Type [1]	File Size	Waveform bitmap File name	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
576-4x3-25i-60% Multiburst.mpg	TS	18,988 KB	576Multiburst60.bmp	60% Multiburst	576i, 60% Multiburst	Static Pattern		Frequency Response	TG700/DVG7

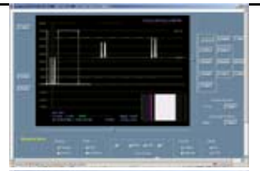
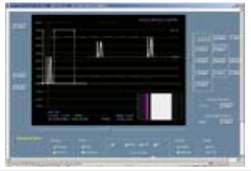
Sub-Directory: 576-4x3-25i / Other

File Name	File Type [1]	File Size	Waveform bitmap File name	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
576-4x3-25i-CCIR 17.mpg	TS	18,988 KB	576CCIR17.bmp	CCIR 17	576i, CCIR 17	Static Pattern		Insertion Gain Line Time Distortion Chroma-Luma Gain Inequality Chroma-Luma Delay Inequality Luminance Non-linear Distortion Pulse to Bar Ratio	TG700/DVG7
576-4x3-25i-CCIR 18.mpg	TS	18,988 KB	576CCIR18.bmp	CCIR 18	576i, CCIR 18	Static Pattern		Frequency Response	TG700/DVG7
576-4x3-25i-CCIR 330.mpg	TS	18,988 KB	576CCIR330.bmp	CCIR 330	576i, CCIR 330	Static Pattern		Insertion Gain Line Time Distortion Differential Gain Differential Phase Luminance Non-linear Distortion Pulse to Bar Ratio	TG700/DVG7
576-4x3-25i-CCIR 331 G2.mpg	TS	18,988 KB	576CCIR331G2.bmp	CCIR 331 G2	576i, CCIR 331 G2	Static Pattern		Chrominance Non-Linear Amplitude Distortion, Chrominance Non-Linear Phase Distortion, Chroma-Luma Intermodulation	TG700/DVG7
576-4x3-25i-CCIR 331.mpg	TS	18,988 KB	576CCIR331.bmp	CCIR 331	576i, CCIR 331	Static Pattern		Chrominance Non-Linear Amplitude Distortion, Chrominance Non-Linear Phase Distortion, Chroma-Luma Intermodulation	TG700/DVG7

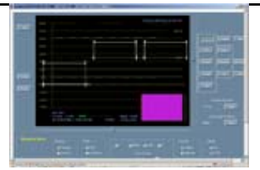
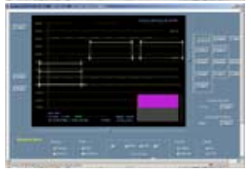
[1] File Type: ES = Elementary Stream, TS = Transport Stream
[2] Click on thumbnail to view the full resolution image.

TG700 DVG7 Test Patterns Directory

Sub-Directory: 576-4x3-25i / Pulse Bar

File Name	File Type [1]	File Size	Waveform bitmap File name	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
576-4x3-25i-2T 4T 10T Pulse & Bar.mpg	TS	18,988 KB	5762T4T10TPulse&Bar.bmp	2T/4T/10T Pulse & Bar	576i, 2T/4T/10T Pulse & Bar	Static Pattern		Pulse Response, Pulse to Bar Ratio	TG700/DVG7
576-4x3-25i-2T 4T 20T Pulse & Bar.mpg	TS	18,988 KB	5762T4T20TPulse&Bar.bmp	2T/4T/20T Pulse & Bar	576i, 2T/4T/20T Pulse & Bar	Static Pattern		Pulse Response, Pulse to Bar Ratio	TG700/DVG7

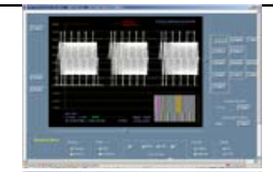
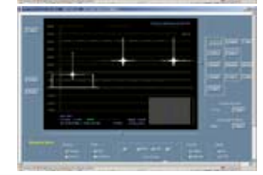
Sub-Directory: 576-4x3-25i / SDI

File Name	File Type [1]	File Size	Waveform bitmap File name	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
576-4x3-25i-Equalizer Test.mpg	TS	18,988 KB	576EqualizerTest.bmp	Equalizer Test	576i, Equalizer Test	Static Pattern		Deserializer IC Stress Test	TG700/DVG7
576-4x3-25i-PLL Test.mpg	TS	18,988 KB	576PLLTest.bmp	PLL Test	576i, PLL Test	Static Pattern		Deserializer IC Stress Test	TG700/DVG7
576-4x3-25i-SDI Matrix.mpg	TS	18,988 KB	576SDIMatrix.bmp	SDI Matrix	576i, SDI Matrix	Static Pattern		Deserializer IC Stress Test	TG700/DVG7

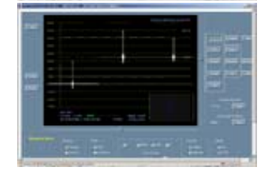
[1] File Type: ES = Elementary Stream, TS = Transport Stream
[2] Click on thumbnail to view the full resolution image.

TG700 DVG7 Test Patterns Directory

Sub-Directory: 576-4x3-25i / Sweep

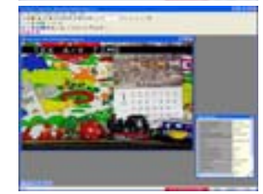
File Name	File Type [1]	File Size	Waveform bitmap File name	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
576-4x3-25i-60% Sweep.mpg	TS	18,988 KB	576Sweep60.bmp	60% Sweep	576i, 60% Sweep	Static Pattern		Frequency Response	TG700/DVG7
576-4x3-25i-100% Sweep.mpg	TS	18,988 KB	576Sweep100.bmp	100% Sweep	576i, 100% Sweep	Static Pattern		Frequency Response	TG700/DVG7
576-4x3-25i-SinX-X.mpg	TS	18,988 KB	576sinxx.bmp	SIN X/X	576i, SIN X/X	Static Pattern		VM700T Frequency Response, Group Delay	TG700/DVG7

Sub-Directory: 576-4x3-25i / Timing

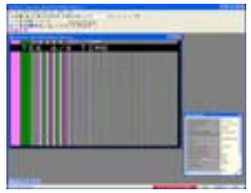
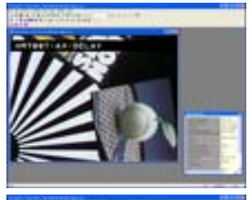
File Name	File Type [1]	File Size	Waveform bitmap File name	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
576-4x3-25i-2.5 MHz Bowtie.mpg	TS	18,988 KB	57625mhzBowtie.bmp	2.5 MHz Bowtie	576i, 2.5 MHz Bowtie	Static Pattern		Channel to Channel Timing/Delay	TG700/DVG7
576-4x3-25i-500 kHz Bowtie.mpg	TS	18,988 KB	576500khzbowtie.bmp	500 MHz Bowtie	576i, 500 MHz Bowtie	Static Pattern		Channel to Channel Timing/Delay	TG700/DVG7
576-4x3-25i-Active Picture Timing.mpg	TS	18,988 KB	576ActivePictureTiming.bmp	Active Picture Timing	576i, Active Picture Timing	Static Pattern		Active Picture Timing	TG700/DVG7
576-4x3-25i-Co-siting Pulse.mpg	TS	18,988 KB	576Cositingpulse.bmp	Co-Siting Pulse	576i, Co-Siting Pulse	Static Pattern		SDI channel timing	TG700/DVG7

[1] File Type: ES = Elementary Stream, TS = Transport Stream
[2] Click on thumbnail to view the full resolution image.

VM700-AVDelay Directory

File Name	File Type [1]	File Size	ES Analyzer bitmap Files	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
480i-VM700-AVDelay-8Mbps.trp	TS	152,488 KB	480i_AV_Delay_Scene1.bmp	100% Color Bars with A/V Time	Test signal with inserted A/V time sequence	A/V Time sequence inserts text and embedded audio, ON = 0.5 Secs., OFF = 4.5 secs.		VM700T Audio/Video Delay, NTSC	TG700/DVG7
			480i_AV_Delay_Scene2.bmp	SMPTE Bars with A/V Time	Test signal with inserted A/V time sequence	A/V Time sequence inserts text and embedded audio, ON = 0.5 Secs., OFF = 4.5 secs.		VM700T Audio/Video Delay, NTSC	TG700/DVG7
			480i_AV_Delay_Scene3.bmp	Mobile and Calandar with A/V Time	Moving sequence with inserted A/V time sequence	A/V Time sequence inserts text and embedded audio, ON = 0.5 Secs., OFF = 4.5 secs.		VM700T Audio/Video Delay, NTSC	PQA300, VITS200
			480i_AV_Delay_Scene4.bmp	Table Tennis with A/V Time	Moving sequence with inserted A/V time sequence	A/V Time sequence inserts text and embedded audio, ON = 0.5 Secs., OFF = 4.5 secs.		VM700T Audio/Video Delay, NTSC	PQA300, VITS200
			480i_AV_Delay_Scene5.bmp	Flower Garden with A/V Time	Moving sequence with inserted A/V time sequence	A/V Time sequence inserts text and embedded audio, ON = 0.5 Secs., OFF = 4.5 secs.		VM700T Audio/Video Delay, NTSC	PQA300, VITS200
			480i_AV_Delay_Scene6.bmp	Cactus with A/V Time	Moving sequence with inserted A/V time sequence	A/V Time sequence inserts text and embedded audio, ON = 0.5 Secs., OFF = 4.5 secs.		VM700T Audio/Video Delay, NTSC	PQA300, VITS200
			480i_AV_Delay_Scene7.bmp	Susie with A/V Time	Moving sequence with inserted A/V time sequence	A/V Time sequence inserts text and embedded audio, ON = 0.5 Secs., OFF = 4.5 secs.		VM700T Audio/Video Delay, NTSC	PQA300, VITS200

[1] **File Type: ES = Elementary Stream, TS = Transport Stream**
[2] **Click on thumbnail to view the full resolution image.**

File Name	File Type [1]	File Size	ES Analyzer bitmap Files	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
			480i_AV_Delay_Scene8.bmp	Zone plate with A/V Time	Test signal with inserted A/V time sequence	A/V Time sequence inserts text and embedded audio, ON = 0.5 Secs., OFF = 4.5 secs.		VM700T Audio/Video Delay, NTSC	TG700/DVG7
			480i_AV_Delay_Scene9.bmp	Pulse & Bar with A/V Time	Test signal with inserted A/V time sequence	A/V Time sequence inserts text and embedded audio, ON = 0.5 Secs., OFF = 4.5 secs.		VM700T Audio/Video Delay, NTSC	TG700/DVG7
			480i_AV_Delay_Scene10.bmp	Multiburst with A/V Time	Test signal with inserted A/V time sequence	A/V Time sequence inserts text and embedded audio, ON = 0.5 Secs., OFF = 4.5 secs.		VM700T Audio/Video Delay, NTSC	TG700/DVG7
			480i_AV_Delay_Scene11.bmp	Matrix with A/V Time	Test signal with inserted A/V time sequence	A/V Time sequence inserts text and embedded audio, ON = 0.5 Secs., OFF = 4.5 secs.		VM700T Audio/Video Delay, NTSC	TG700/DVG7
576i-VM700-AVDelay-8Mbps.trp	TS	159,232 KB	576i_AV_Delay_Scene1.bmp	BBC Disc with A/V Time	Moving sequence with inserted A/V time sequence	A/V Time sequence inserts text and embedded audio, ON = 0.5 Secs., OFF = 4.5 secs.		VM700T Audio/Video Delay, PAL	PQA300, VITS201
			576i_AV_Delay_Scene2.bmp	Flower Garden with A/V Time	Moving sequence with inserted A/V time sequence	A/V Time sequence inserts text and embedded audio, ON = 0.5 Secs., OFF = 4.5 secs.		VM700T Audio/Video Delay, PAL	PQA300, VITS201
			576i_AV_Delay_Scene3.bmp	Mobile and Calandar with A/V Time	Moving sequence with inserted A/V time sequence	A/V Time sequence inserts text and embedded audio, ON = 0.5 Secs., OFF = 4.5 secs.		VM700T Audio/Video Delay, PAL	PQA300, VITS201

[1] File Type: ES = Elementary Stream, TS = Transport Stream
[2] Click on thumbnail to view the full resolution image.

VM700-AVDelay

File Name	File Type [1]	File Size	ES Analyzer bitmap Files	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
			576i_AV_Delay_Scene4.bmp	Susie with A/V Time	Moving sequence with inserted A/V time sequence	A/V Time sequence inserts text and embedded audio, ON = 0.5 Secs., OFF = 4.5 secs.		VM700T Audio/Video Delay, PAL	PQA300, VITS201
			576i_AV_Delay_Scene5.bmp	Table Tennis with A/V Time	Moving sequence with inserted A/V time sequence	A/V Time sequence inserts text and embedded audio, ON = 0.5 Secs., OFF = 4.5 secs.		VM700T Audio/Video Delay, PAL	PQA300, VITS201

[1] File Type: ES = Elementary Stream, TS = Transport Stream
[2] Click on thumbnail to view the full resolution image.

VM6000 Test Streams Directory

File Name	File Type [1]	File Size	ES Analyzer bitmap Files	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
M480i59.trp	TS	58,594 KB	M480i59.bmp	VM5000/6000 H.264 Test Matrix	Complex Matrix Pattern, 480, 59i	Static pattern		VM5000/6000 test suite	Customer, software encode
M480p59.trp	TS	21,973 KB	M480p59.bmp	VM5000/6000 H.264 Test Matrix	Complex Matrix Pattern, 480, 59p	Static pattern		VM5000/6000 test suite	Customer, software encode
M576i50.trp	TS	21,973 KB	M576i50.bmp	VM5000/6000 H.264 Test Matrix	Complex Matrix Pattern, 576, 50i	Static pattern		VM5000/6000 test suite	Customer, software encode
M576p50.trp	TS	22,339 KB	M576p50.bmp	VM5000/6000 H.264 Test Matrix	Complex Matrix Pattern, 576, 50p	Static pattern		VM5000/6000 test suite	Customer, software encode
M720p29.trp	TS	21,973 KB	M720p29.bmp	VM5000/6000 H.264 Test Matrix	Complex Matrix Pattern, 720, 29p	Static pattern		VM5000/6000 test suite	Customer, software encode
M720p50.trp	TS	22,339 KB	M720p50.bmp	VM5000/6000 H.264 Test Matrix	Complex Matrix Pattern, 720, 50p	Static pattern		VM5000/6000 test suite	Customer, software encode
M720p59.trp	TS	21,973 KB	M720p59.bmp	VM5000/6000 H.264 Test Matrix	Complex Matrix Pattern, 720, 59p	Static pattern		VM5000/6000 test suite	Customer, software encode

[1] File Type: ES = Elementary Stream, TS = Transport Stream
[2] Click on thumbnail to view the full resolution image.

VM6000 Test Streams Directory

File Name	File Type [1]	File Size	ES Analyzer bitmap Files	Sequence Title	Image Characteristics	Motion	Thumbnail [2]	Typical Testing Capabilities	Source
M1080i50.trp	TS	21,973 KB	M1080i50.bmp	VM5000/6000 H.264 Test Matrix	Complex Matrix Pattern, 1080, 50i	Static pattern		VM5000/6000 test suite	Customer, software encode
M1080i59.trp	TS	21,973 KB	M1080i59.bmp	VM5000/6000 H.264 Test Matrix	Complex Matrix Pattern, 1080, 59i	Static pattern		VM5000/6000 test suite	Customer, software encode
M1080p24.trp	TS	21,973 KB	M1080p24.bmp	VM5000/6000 H.264 Test Matrix	Complex Matrix Pattern, 1080, 24p	Static pattern		VM5000/6000 test suite	Customer, software encode
M1080p50.trp	TS	22,339 KB	M1080p50.bmp	VM5000/6000 H.264 Test Matrix	Complex Matrix Pattern, 1080, 50p	Static pattern		VM5000/6000 test suite	Customer, software encode
M1080p59.trp	TS	21,973 KB	M1080p59.bmp	VM5000/6000 H.264 Test Matrix	Complex Matrix Pattern, 1080, 59p	Static pattern		VM5000/6000 test suite	Customer, software encode

[1] File Type: ES = Elementary Stream, TS = Transport Stream
[2] Click on thumbnail to view the full resolution image.