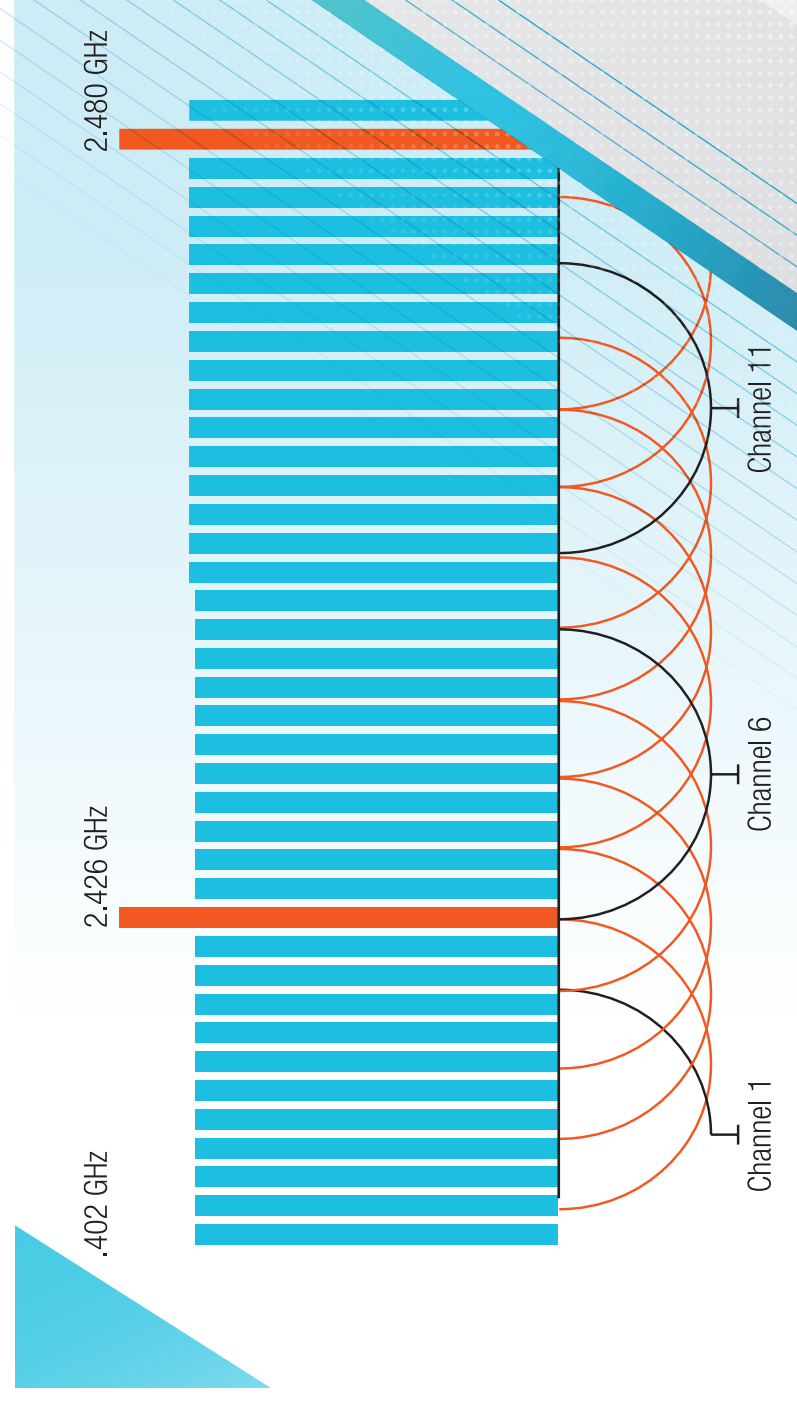


# Bluetooth Physical Layer and Transmitter Measurements

POSTER



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Tektronix

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	Basic Data Rate		Enhanced Data Rate		Low Energy Data Rate																																																																																																																																																																																																																																																																															
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	<p>Data Packets</p> <p>Every data packet consists of an access code, a header, and its payload. An EDR packet also contains a guard time, and a sync word between the header and the payload.</p> <ul style="list-style-type: none"> <li>Guard Time: ranges between 4.75 μs - 5.25 μs</li> <li>Sync Word: 11 symbols</li> </ul>		<p>Basic Rate Packet</p>		<p>Enhanced Data Rate Packet</p>		<p>Low Energy Test Packet</p>																																																																																																																																																																																																																																																																													
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For '01010101' 8 bit sequence, <math>\Delta f_{MAX} \geq 115</math> kHz for at least 99.9% of all <math>\Delta f_{MAX}</math>. 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