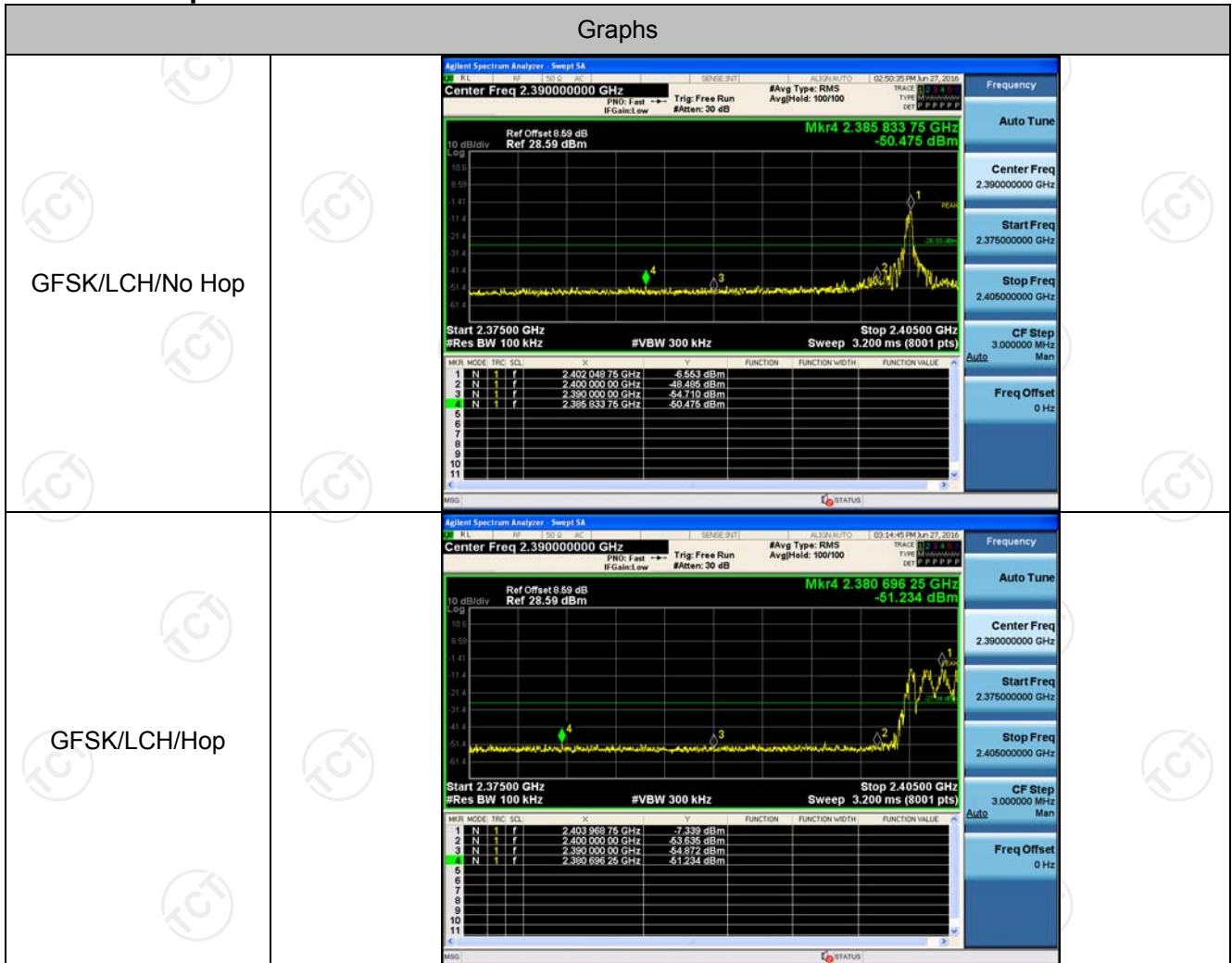


Band-edge for RF Conducted Emissions

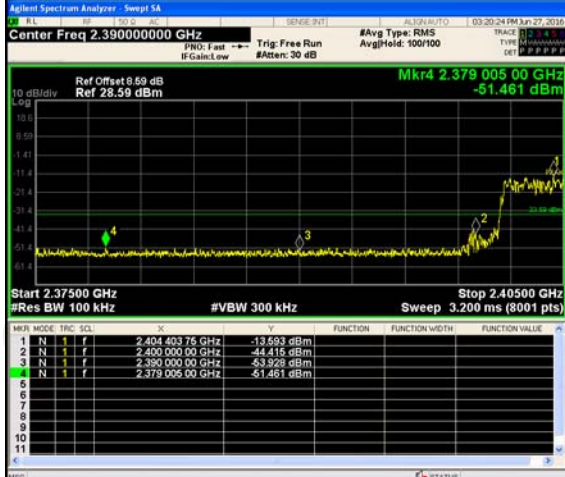
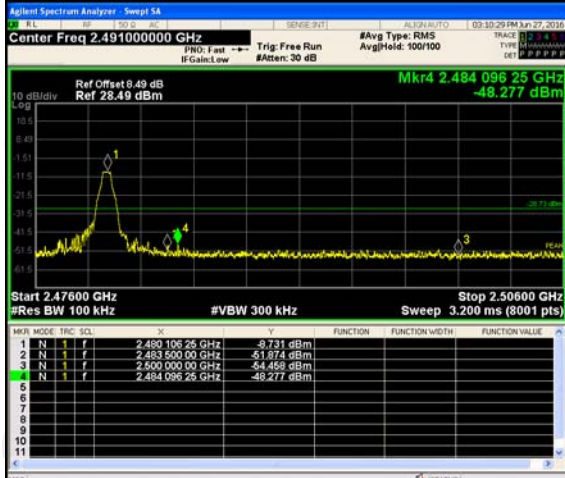
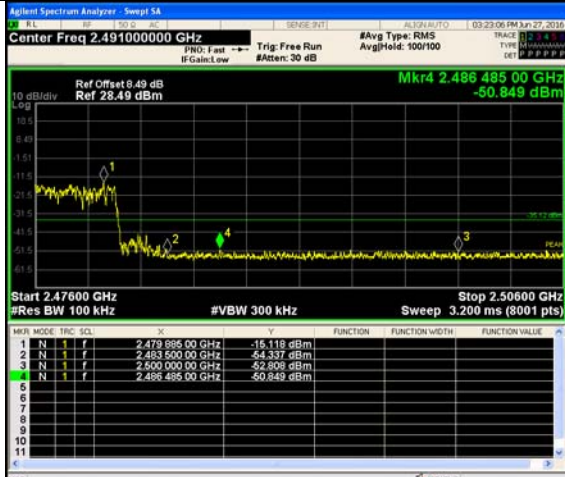
Result Table

Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict
GFSK	LCH	2402	-6.553	Off	-50.475	-26.55	PASS
			-7.339	On	-51.234	-27.34	PASS
GFSK	HCH	2480	-7.900	Off	-49.127	-27.9	PASS
			-8.768	On	-51.093	-28.77	PASS
$\pi/4$ DQPSK	LCH	2402	-6.483	Off	-51.133	-26.48	PASS
			-13.593	On	-51.461	-33.59	PASS
$\pi/4$ DQPSK	HCH	2480	-8.731	Off	-48.277	-28.73	PASS
			-15.118	On	-50.849	-35.12	PASS

Test Graph



<p>GFSK/HCH/No Hop</p>	
<p>GFSK/HCH/Hop</p>	
<p>$\pi/4$DQPSK/LCH/No Hop</p>	

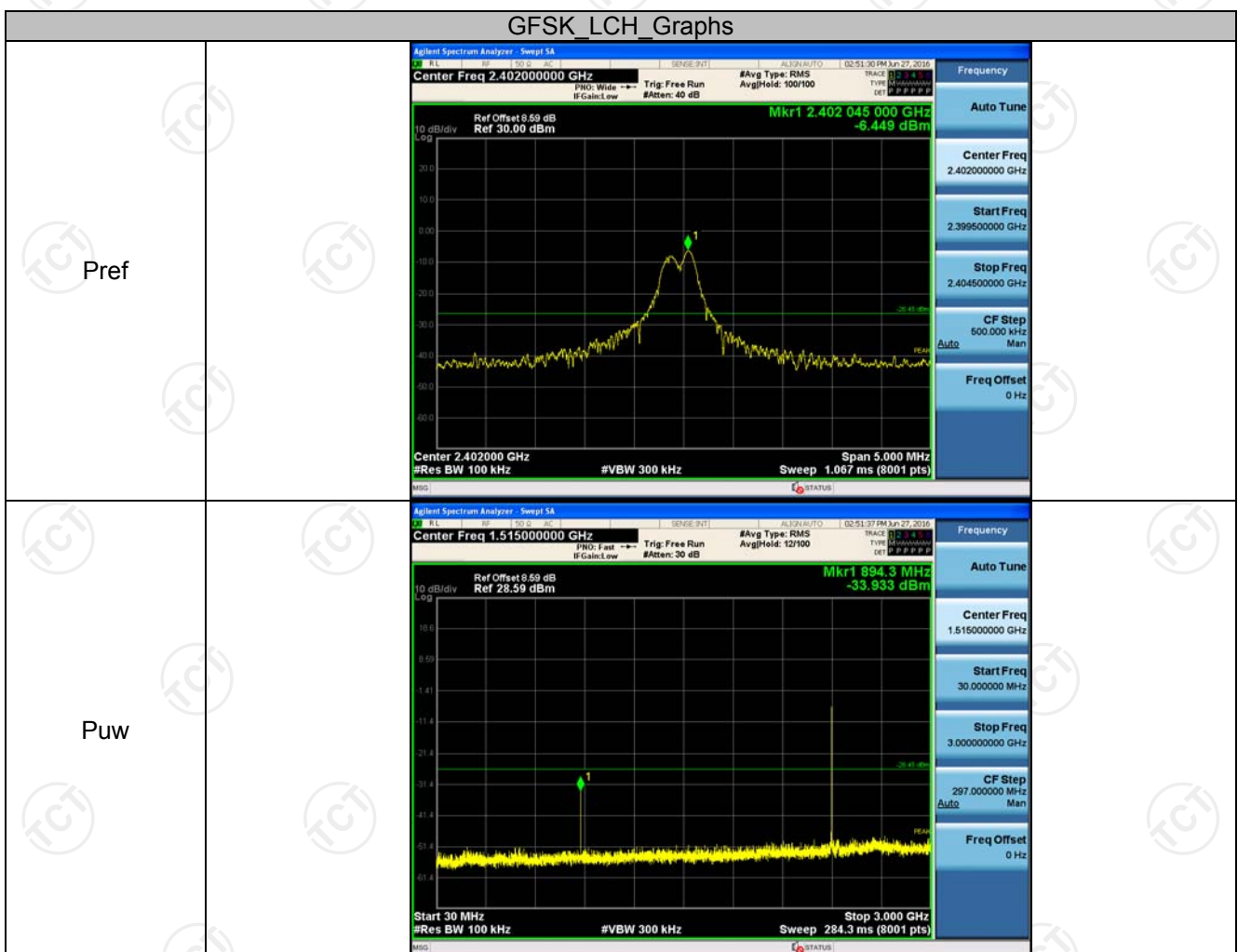
<p>$\pi/4$DQPSK/LCH/Hop</p>	 <table border="1" data-bbox="606 515 1173 660"> <thead> <tr> <th>MNR</th> <th>MODE</th> <th>TRIG</th> <th>SCL</th> <th>X</th> <th>Y</th> <th>FUNCTION</th> <th>FUNCTION WIDTH</th> <th>FUNCTION VALUE</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>N</td> <td>1</td> <td>f</td> <td>2.404 403 76 GHz</td> <td>-13.693 dBm</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>N</td> <td>1</td> <td>f</td> <td>2.400 000 00 GHz</td> <td>-44.416 dBm</td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td>N</td> <td>1</td> <td>f</td> <td>2.390 000 00 GHz</td> <td>-53.529 dBm</td> <td></td> <td></td> <td></td> </tr> <tr> <td>4</td> <td>N</td> <td>1</td> <td>f</td> <td>2.379 005 00 GHz</td> <td>-51.461 dBm</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	MNR	MODE	TRIG	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	2.404 403 76 GHz	-13.693 dBm				2	N	1	f	2.400 000 00 GHz	-44.416 dBm				3	N	1	f	2.390 000 00 GHz	-53.529 dBm				4	N	1	f	2.379 005 00 GHz	-51.461 dBm			
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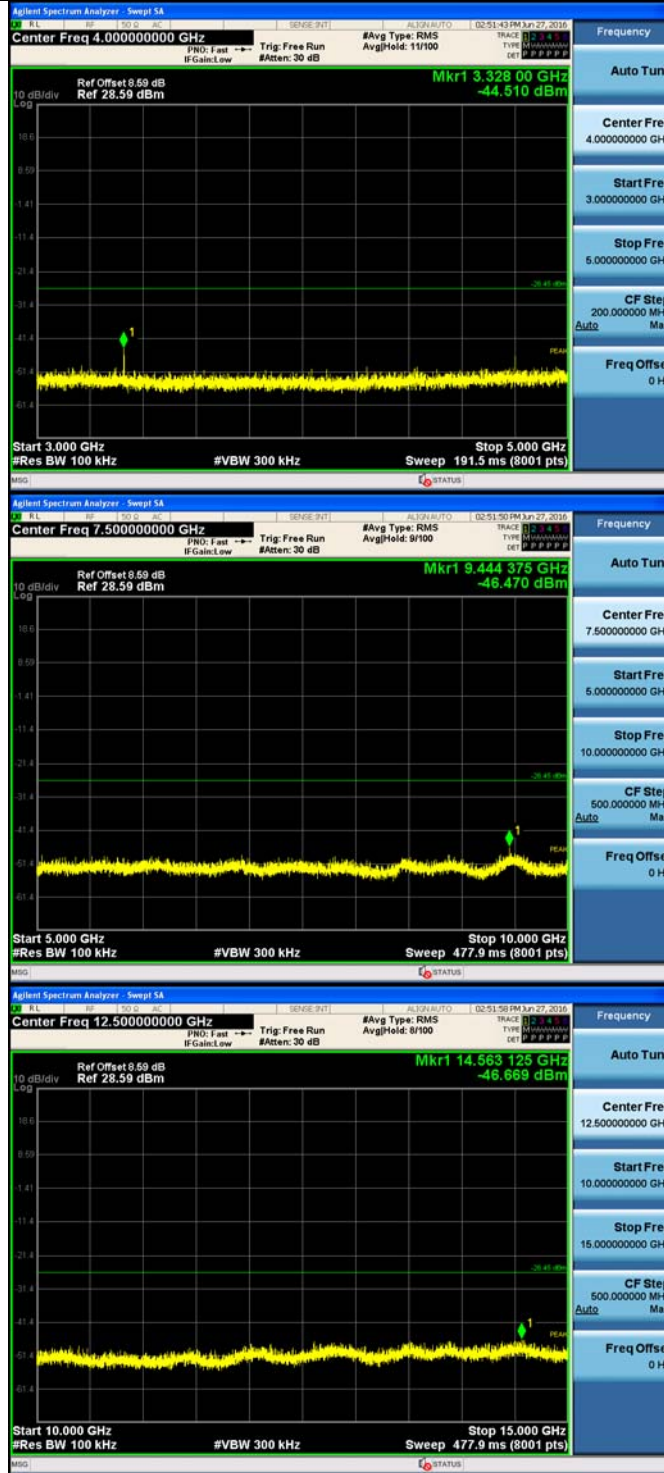
RF Conducted Spurious Emissions

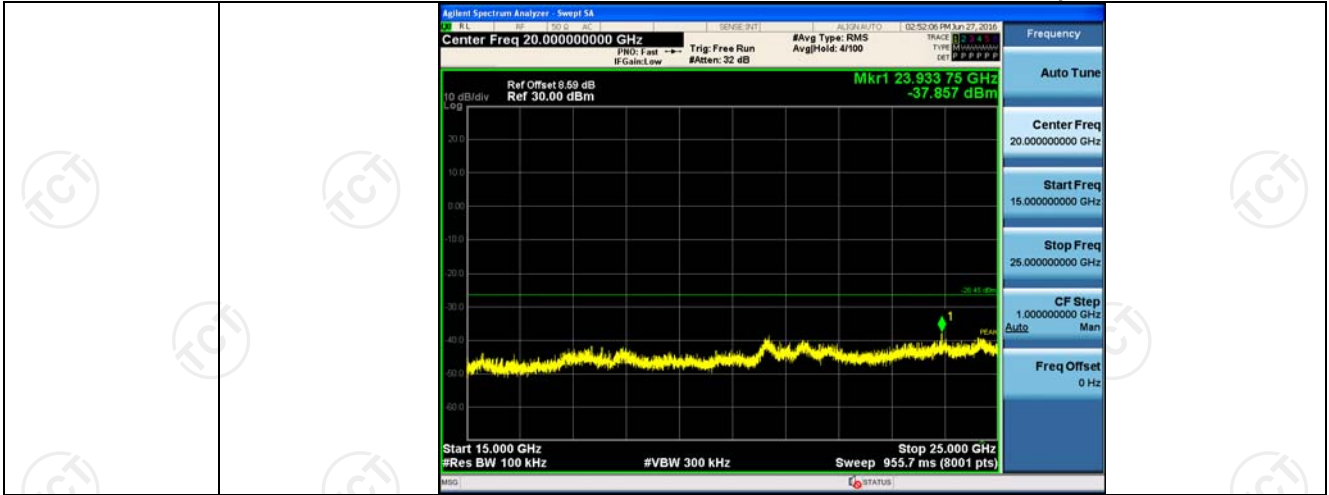
Result Table

Mode	Channel	Pref [dBm]	Puw[dBm]	Verdict
GFSK	LCH	-6.449	<Limit	PASS
GFSK	MCH	-8.618	<Limit	PASS
GFSK	HCH	-7.713	<Limit	PASS
$\pi/4$ DQPSK	LCH	-6.6	<Limit	PASS
$\pi/4$ DQPSK	MCH	-8.989	<Limit	PASS
$\pi/4$ DQPSK	HCH	-8.709	<Limit	PASS

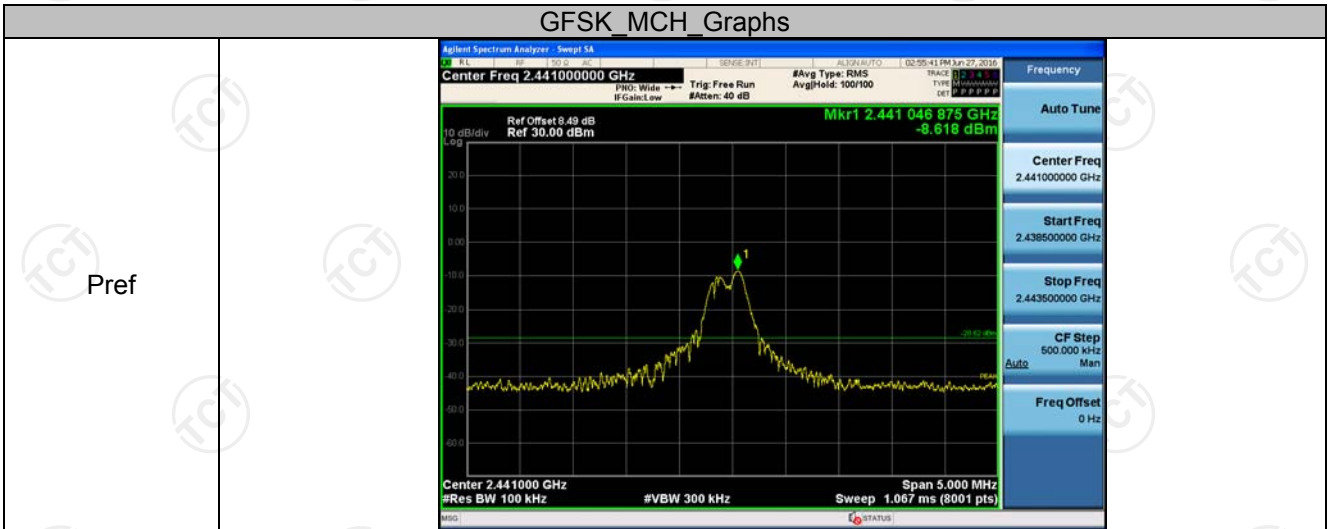
Test Graph



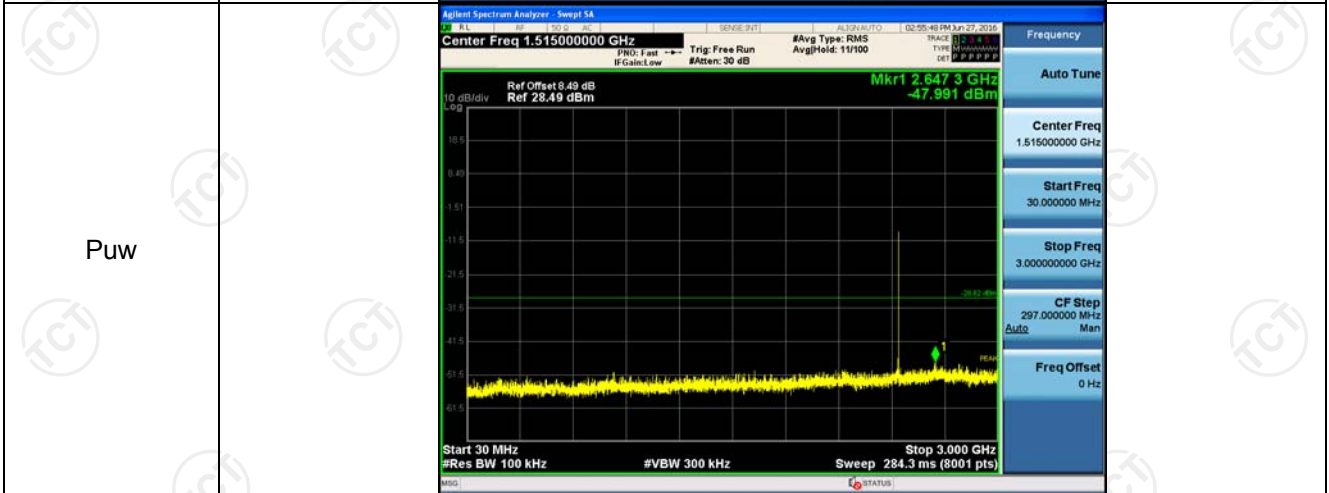




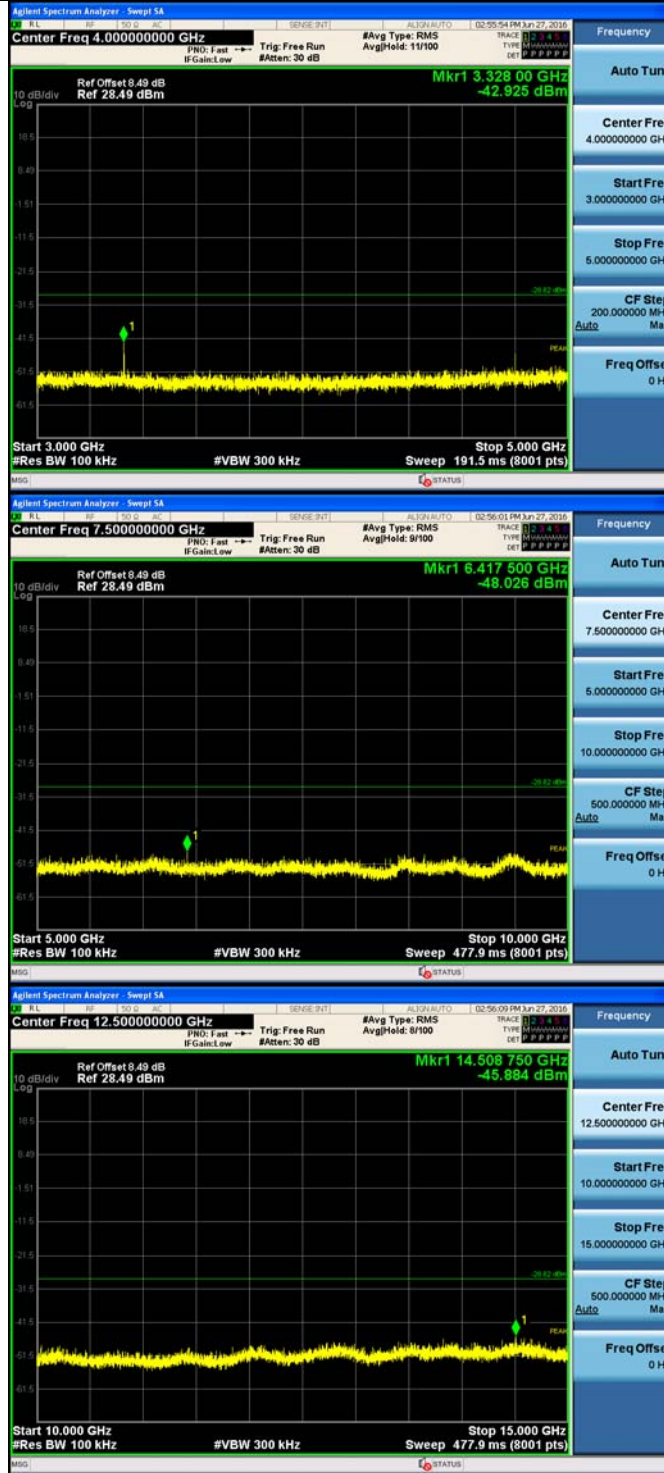
GFSK MCH Graphs

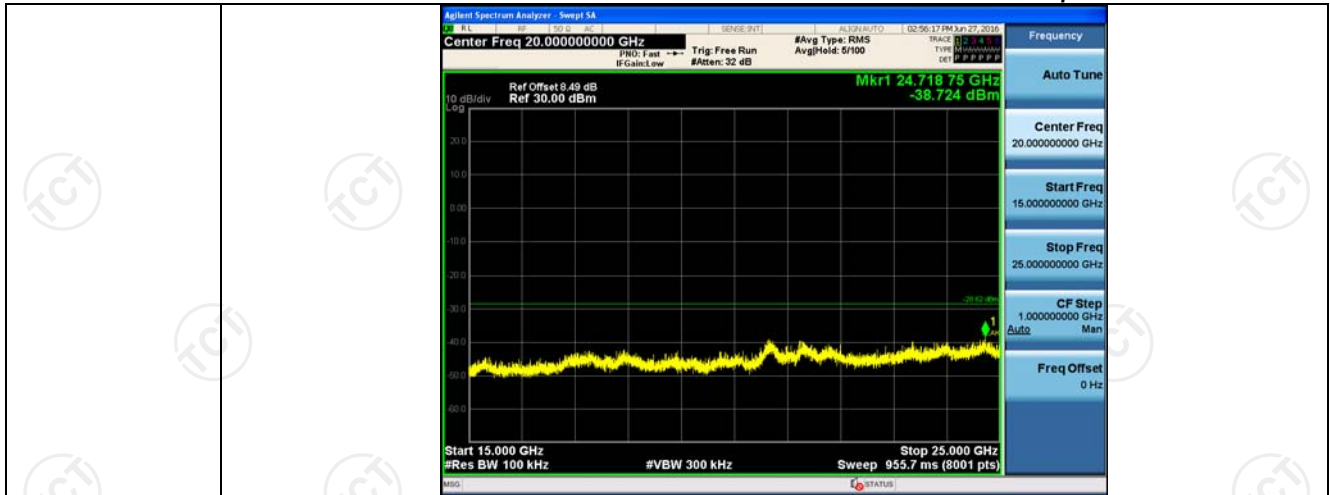


Pref

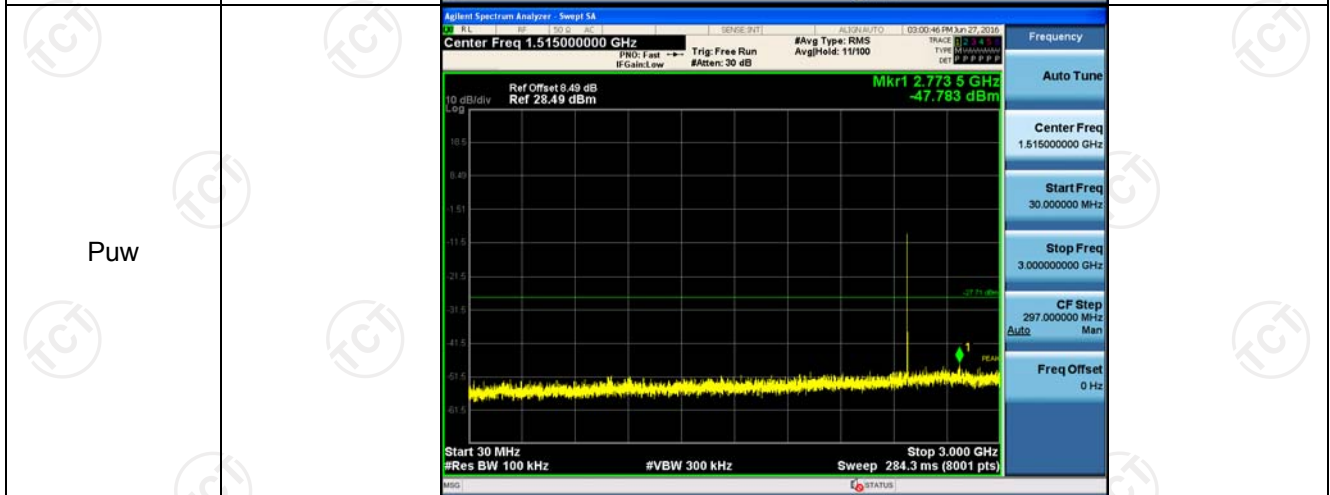
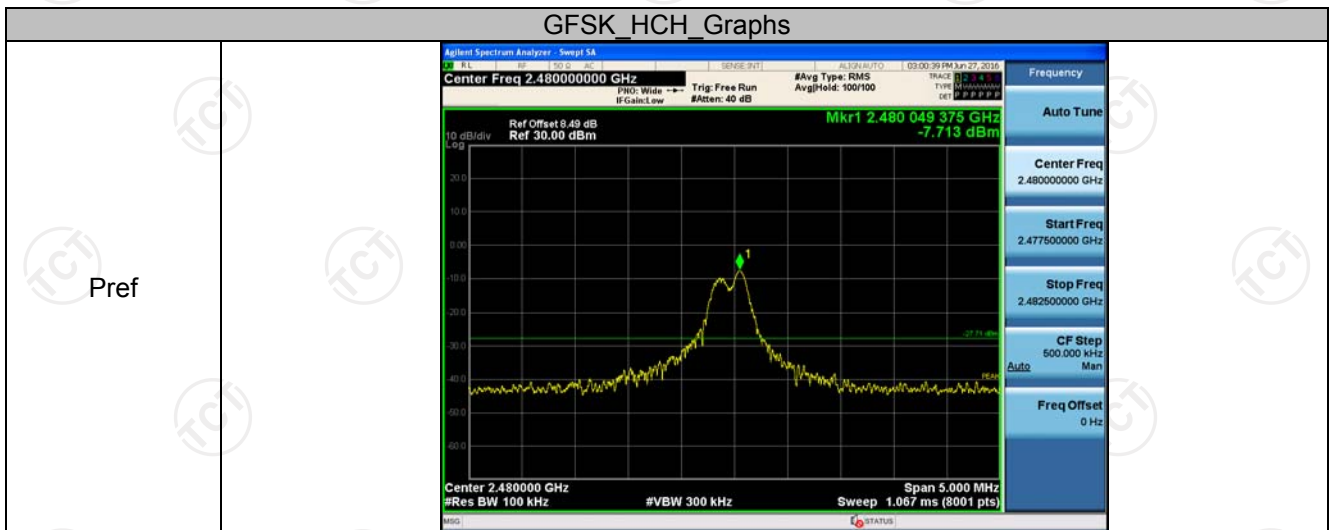


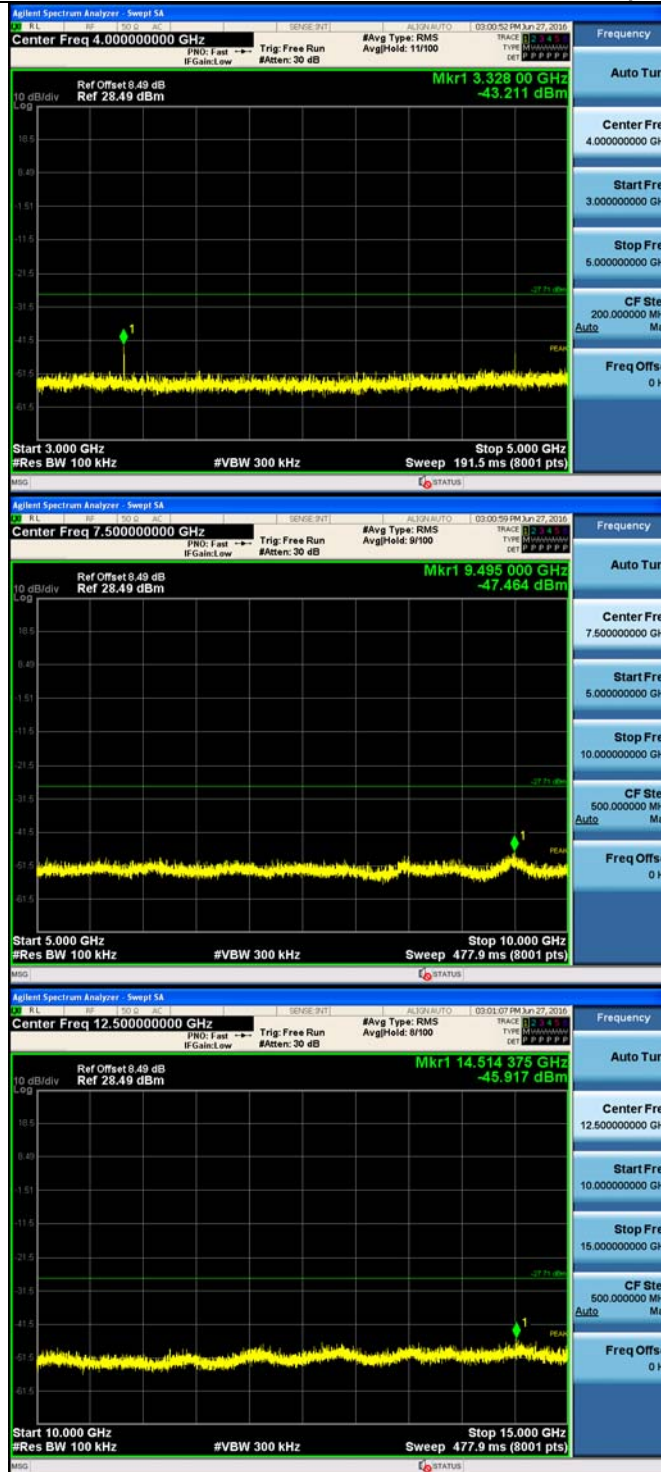
Puw

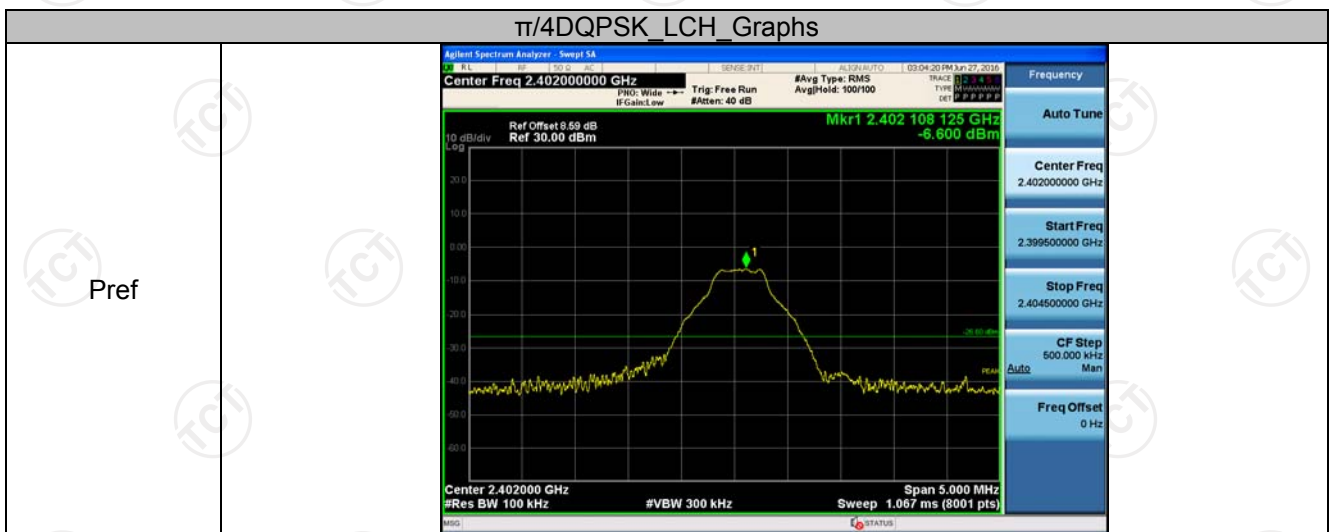
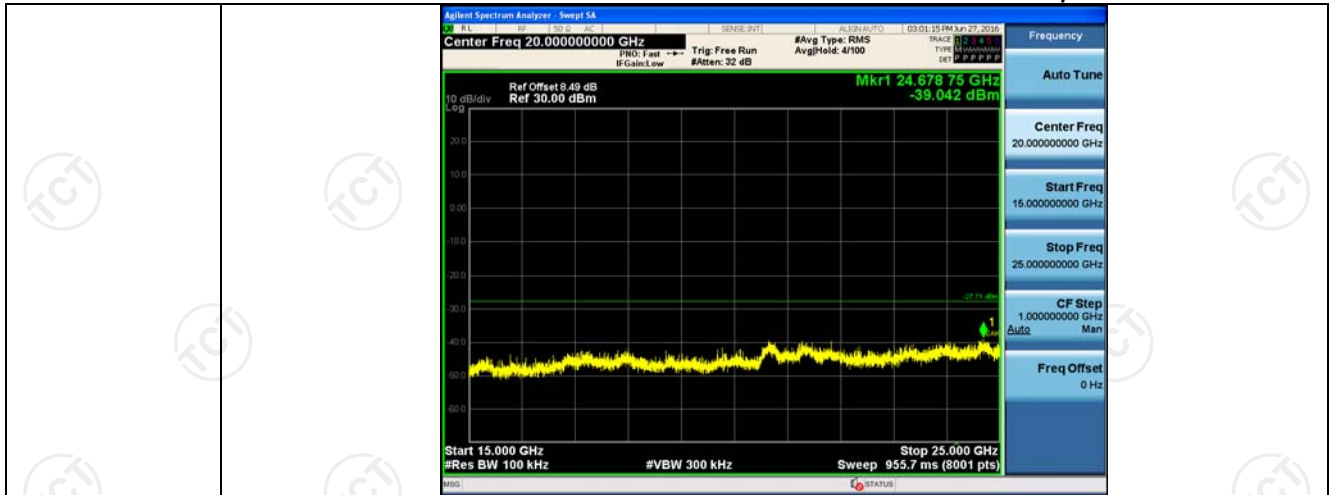




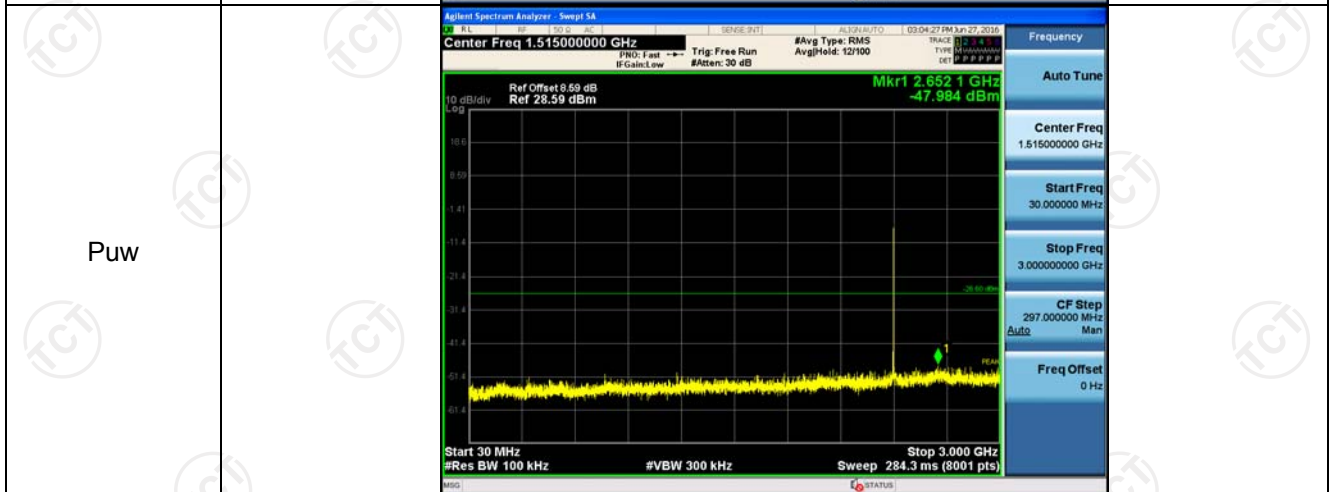
GFSK HCH Graphs



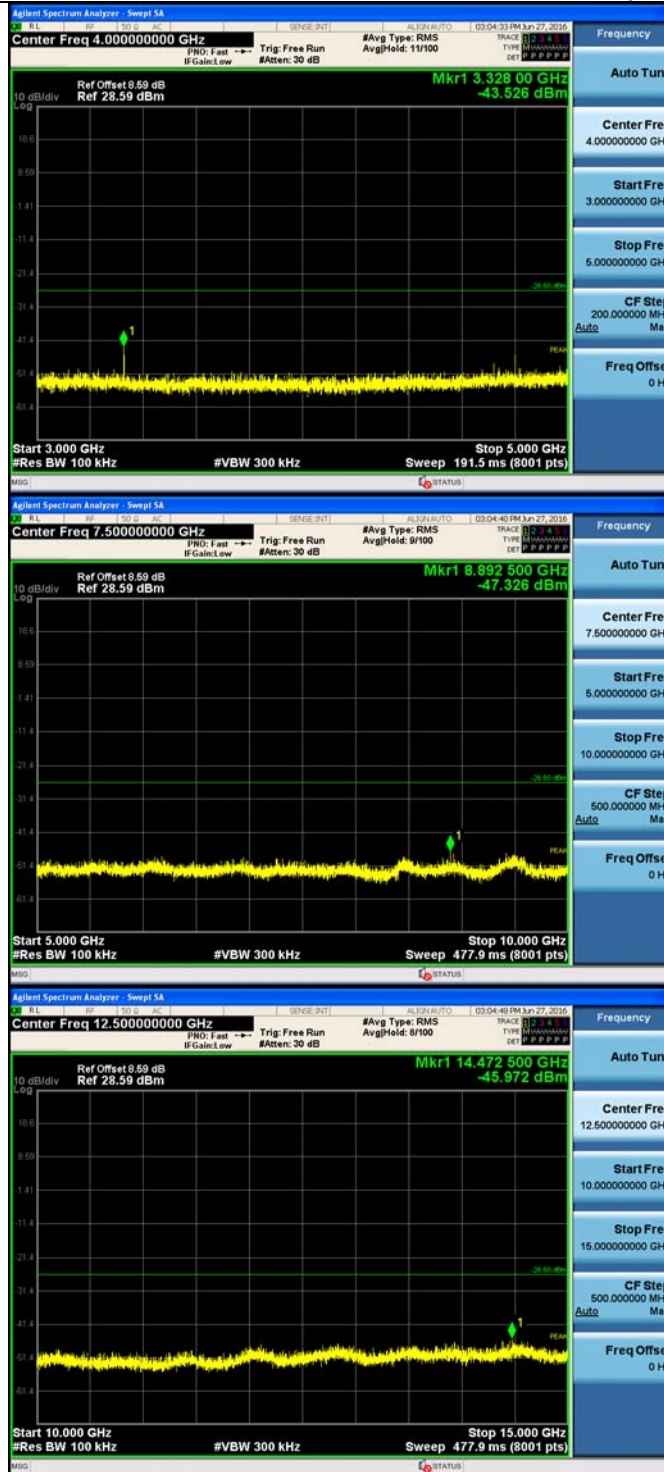


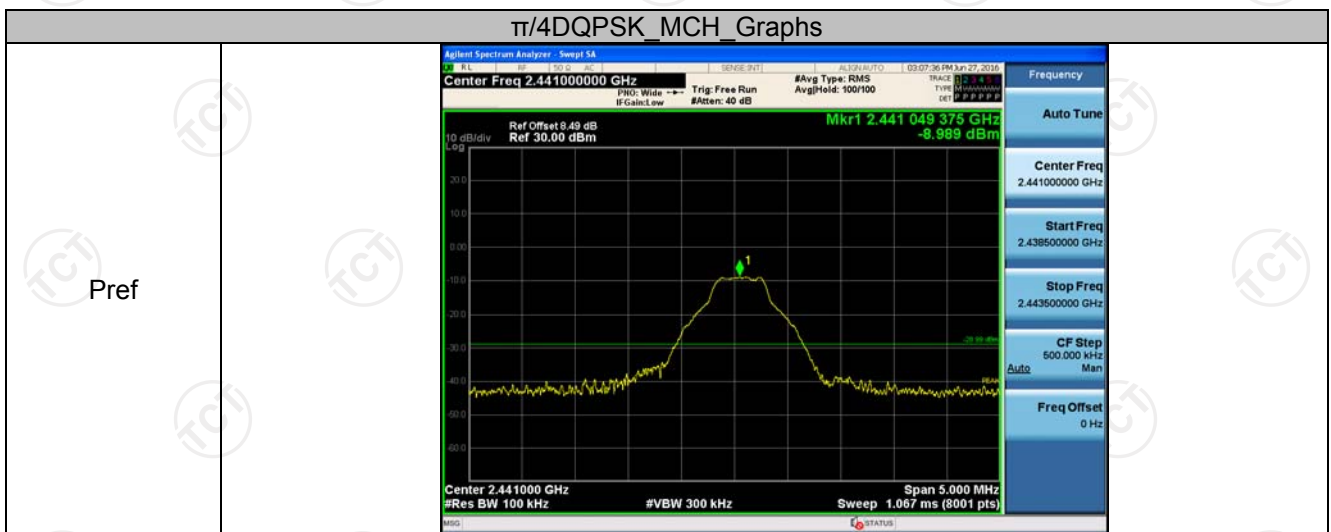
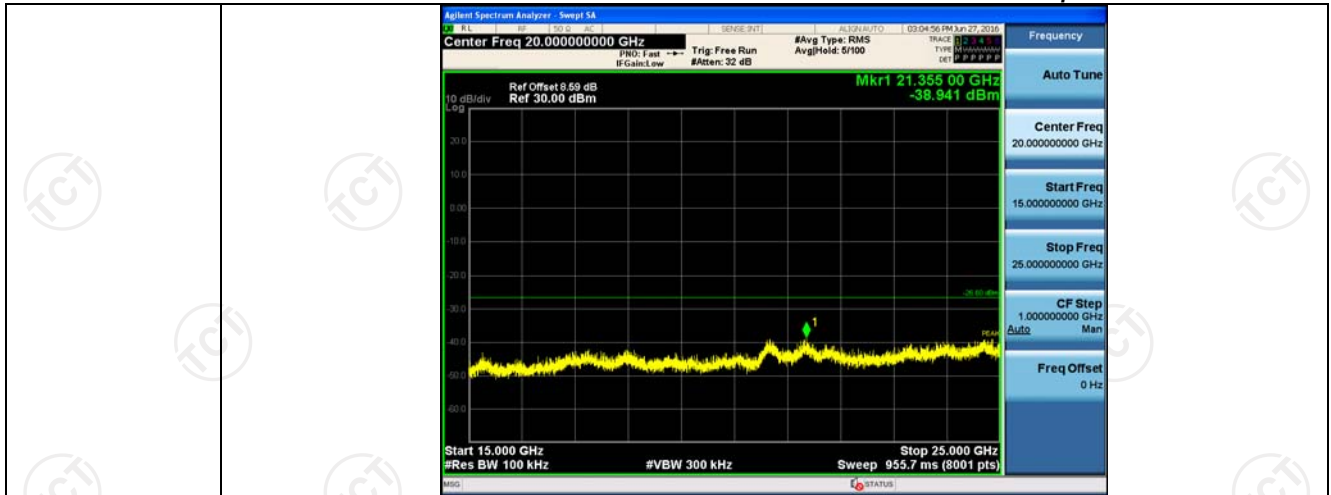


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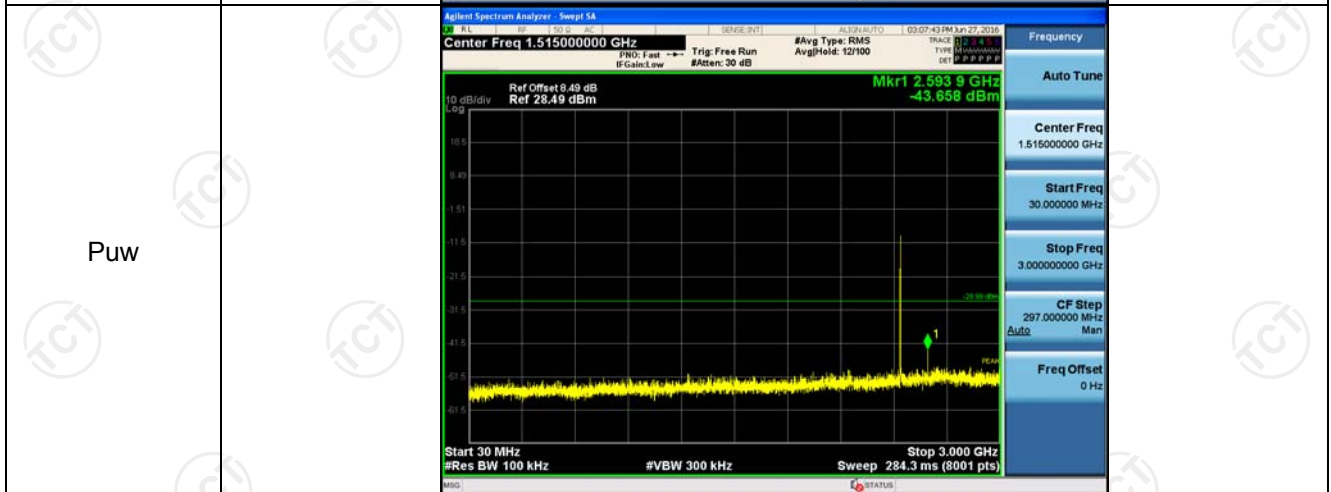


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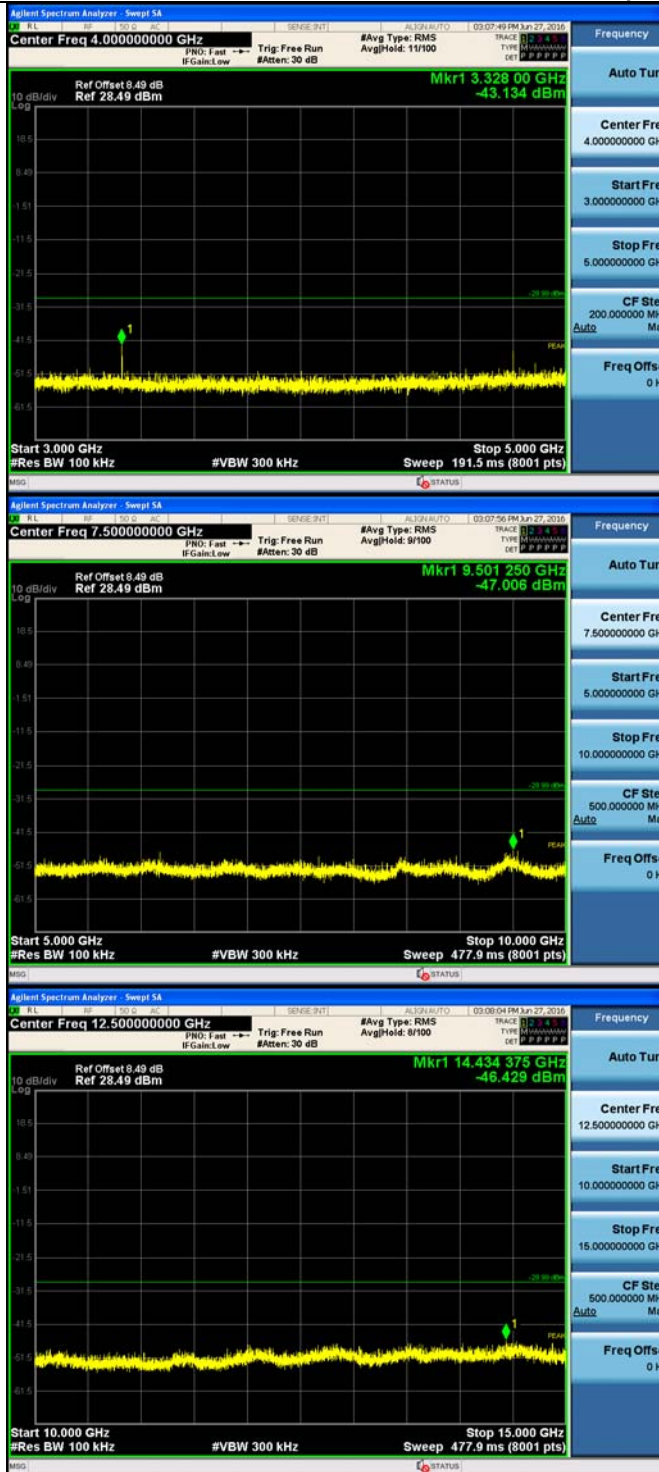


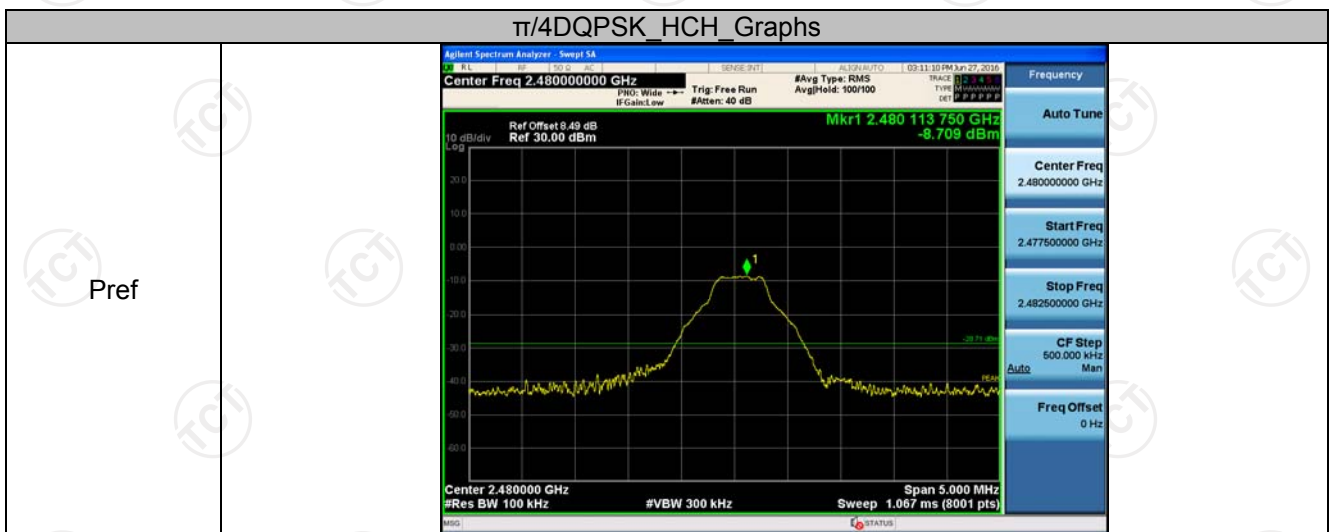
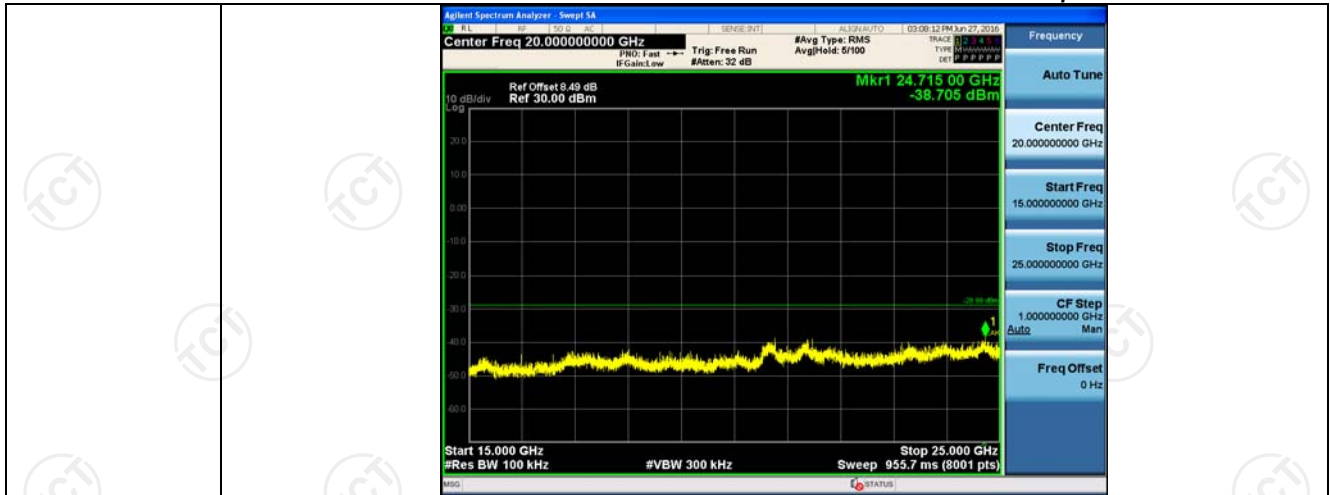


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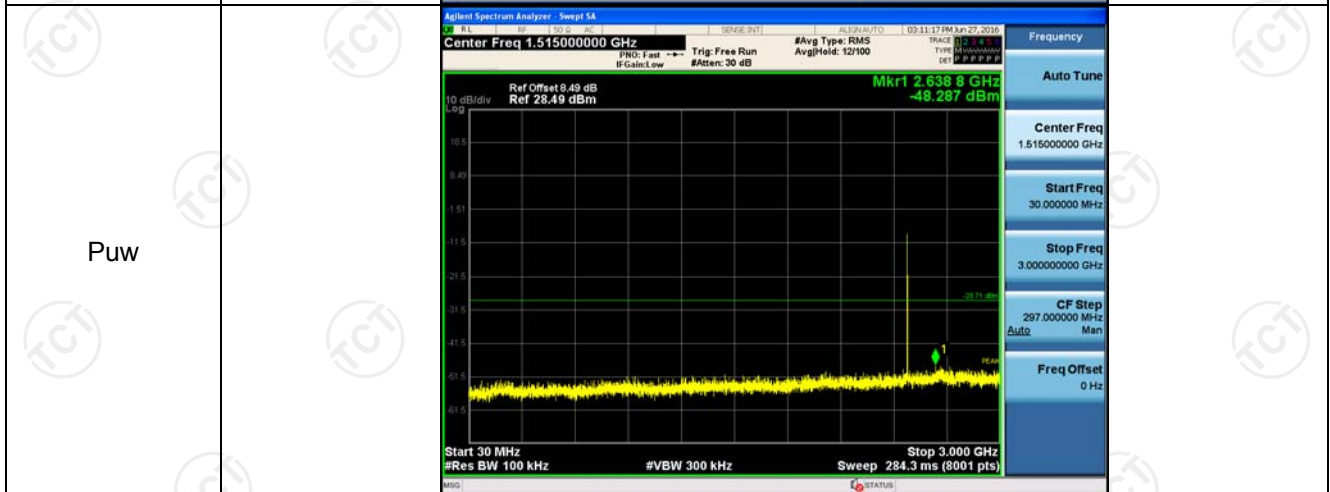


Puw

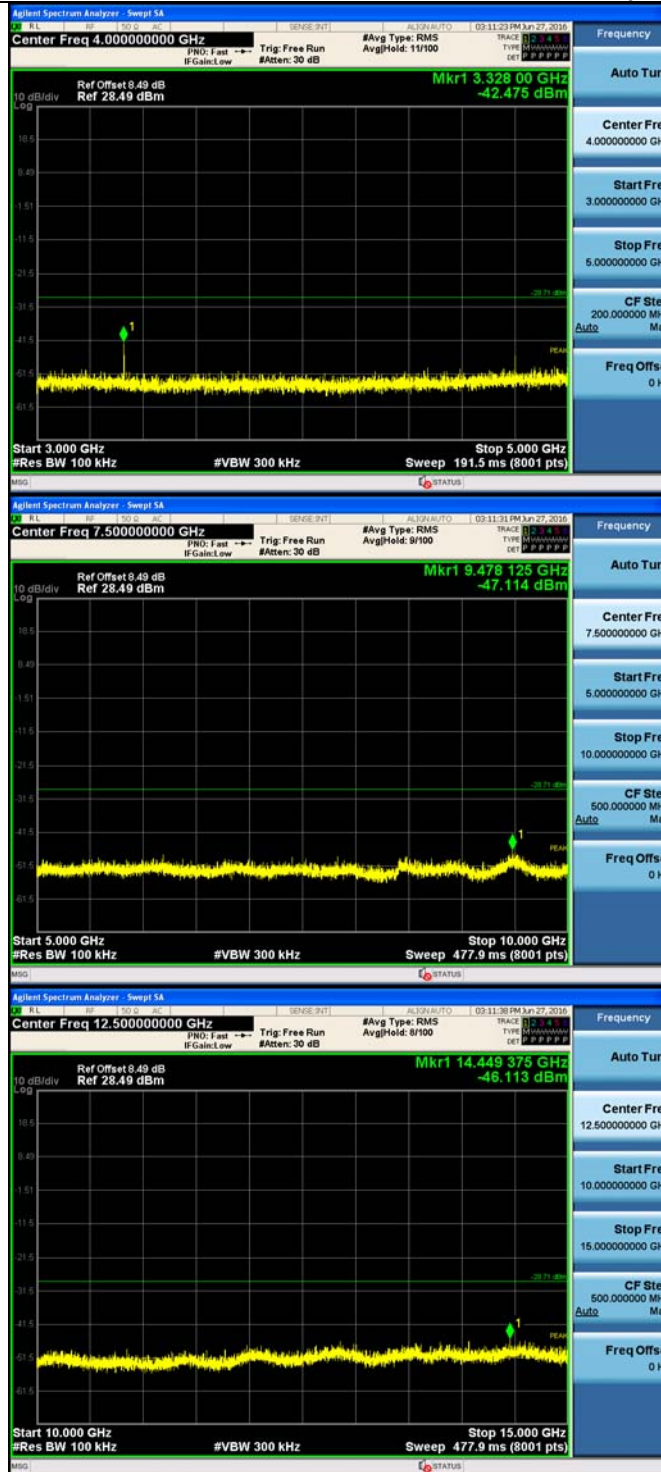


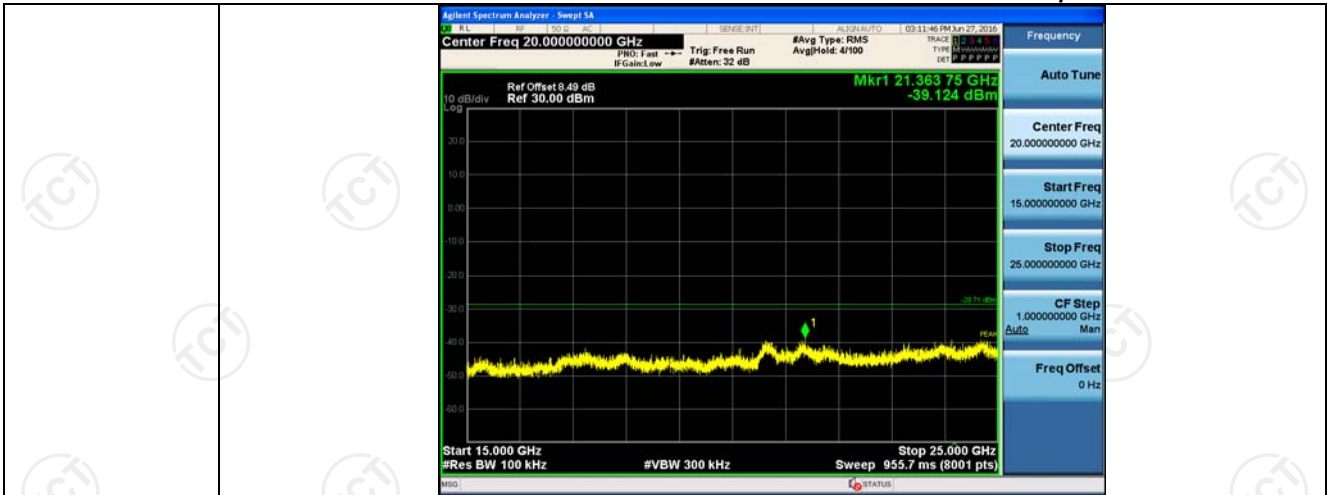


Pref



Puw





Appendix B: Photographs of Test Setup

Product: Bluetooth Speaker

Model: CQL1554-B

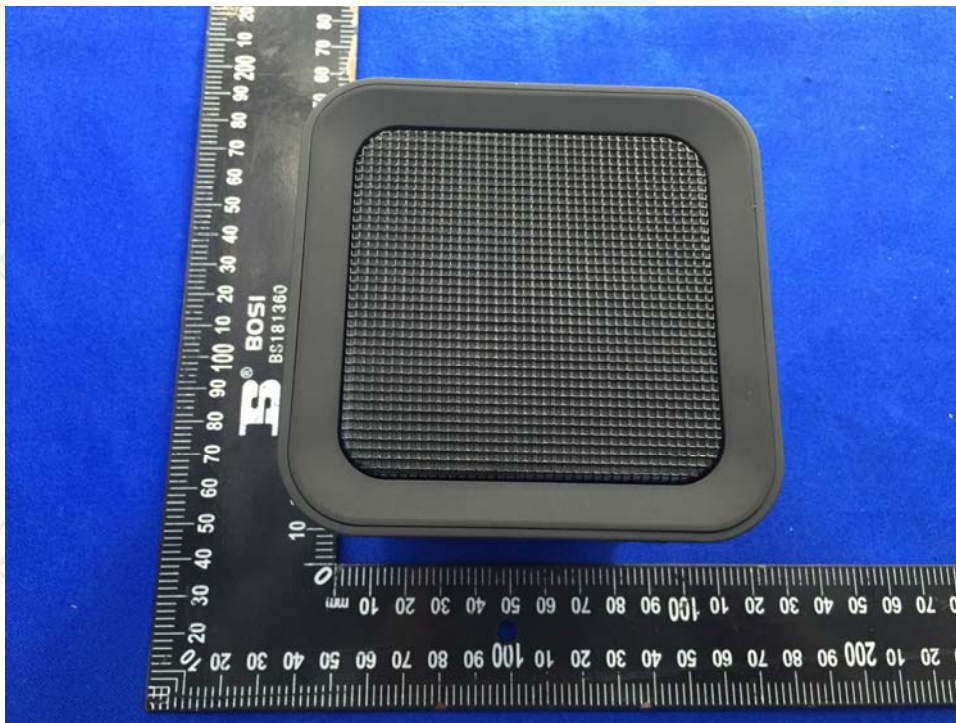
Radiated Emission

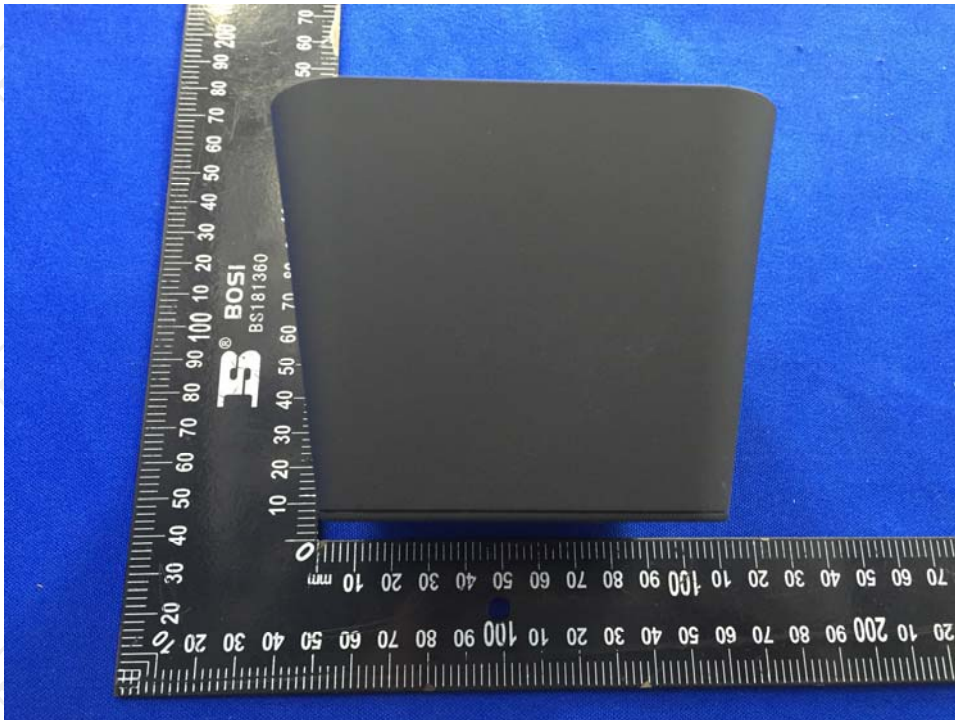
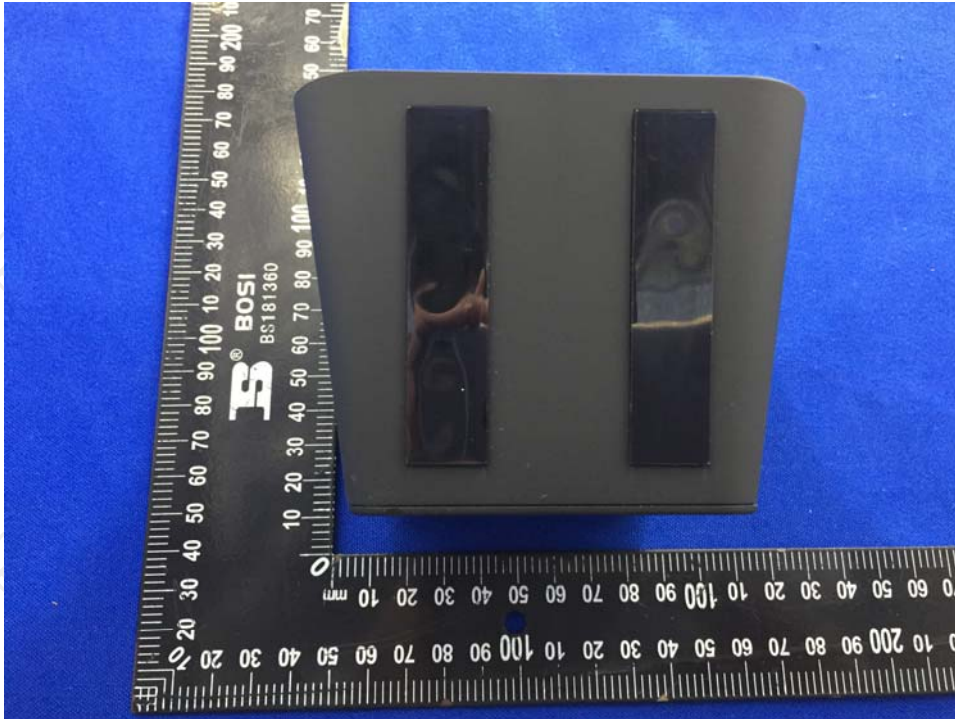


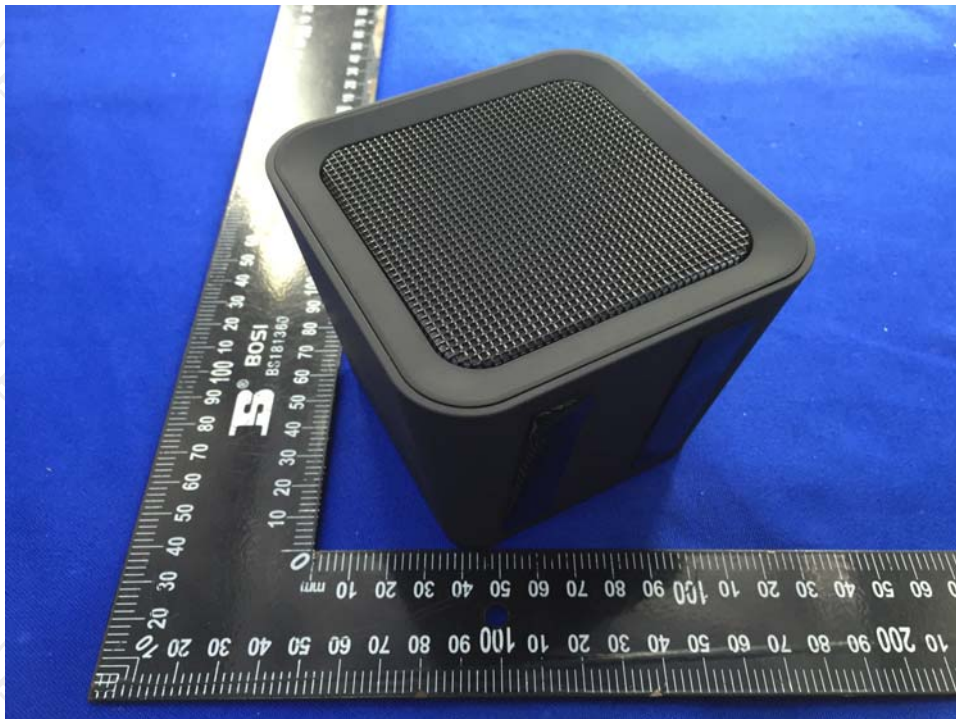
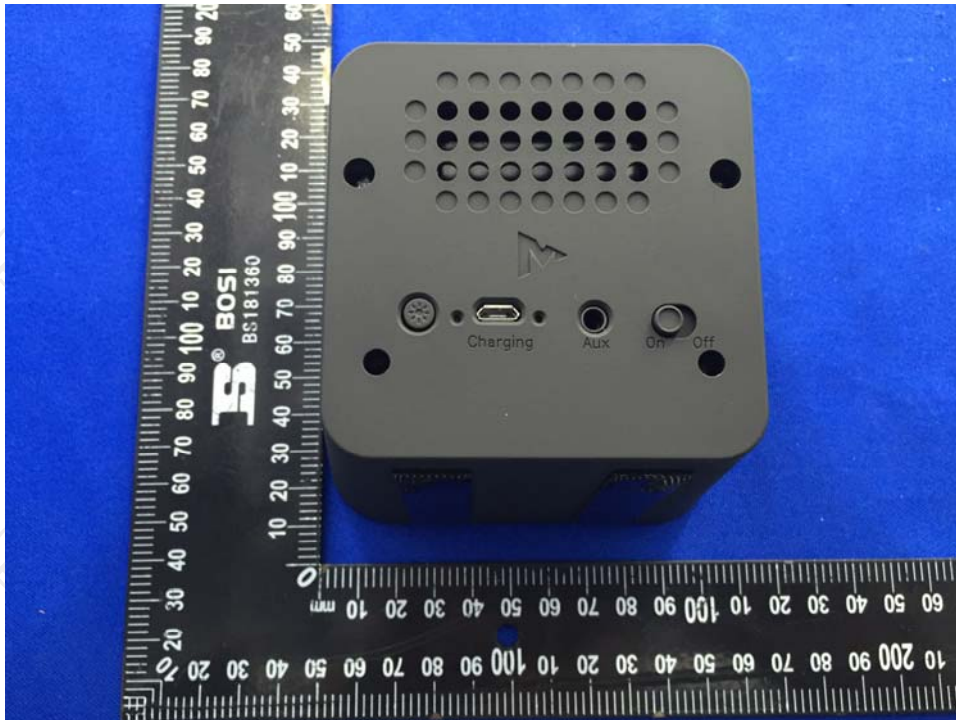
Conducted Emission

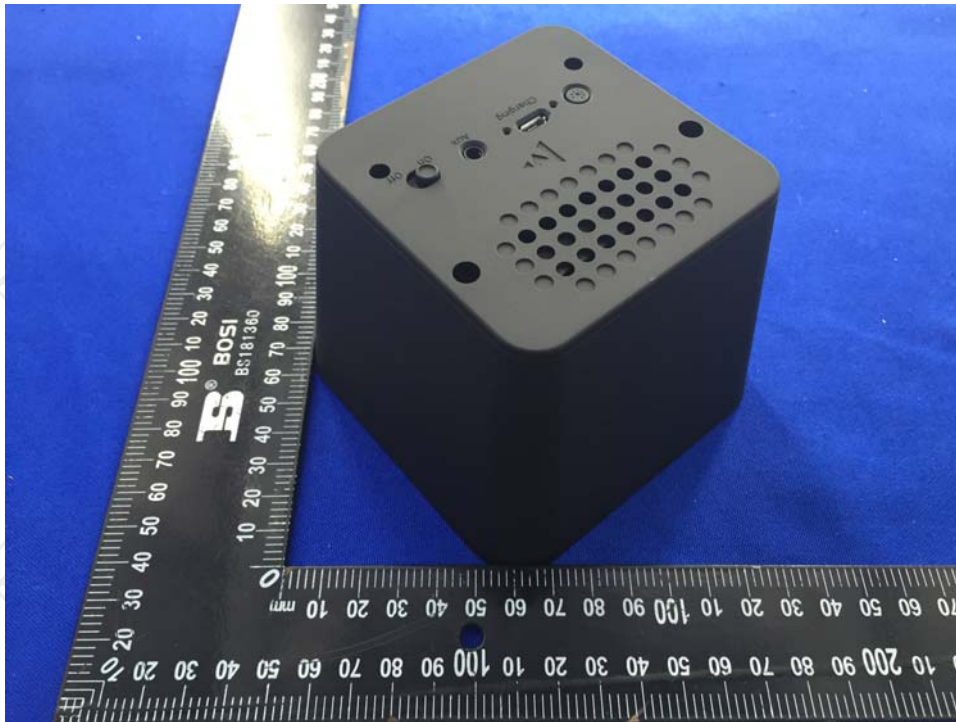


**Appendix C: Photographs of EUT
Product: Bluetooth Speaker
Model: CQL1554-B
External Photos**









Product: Bluetooth Speaker
Model: CQL1554-B
Internal Photos

