

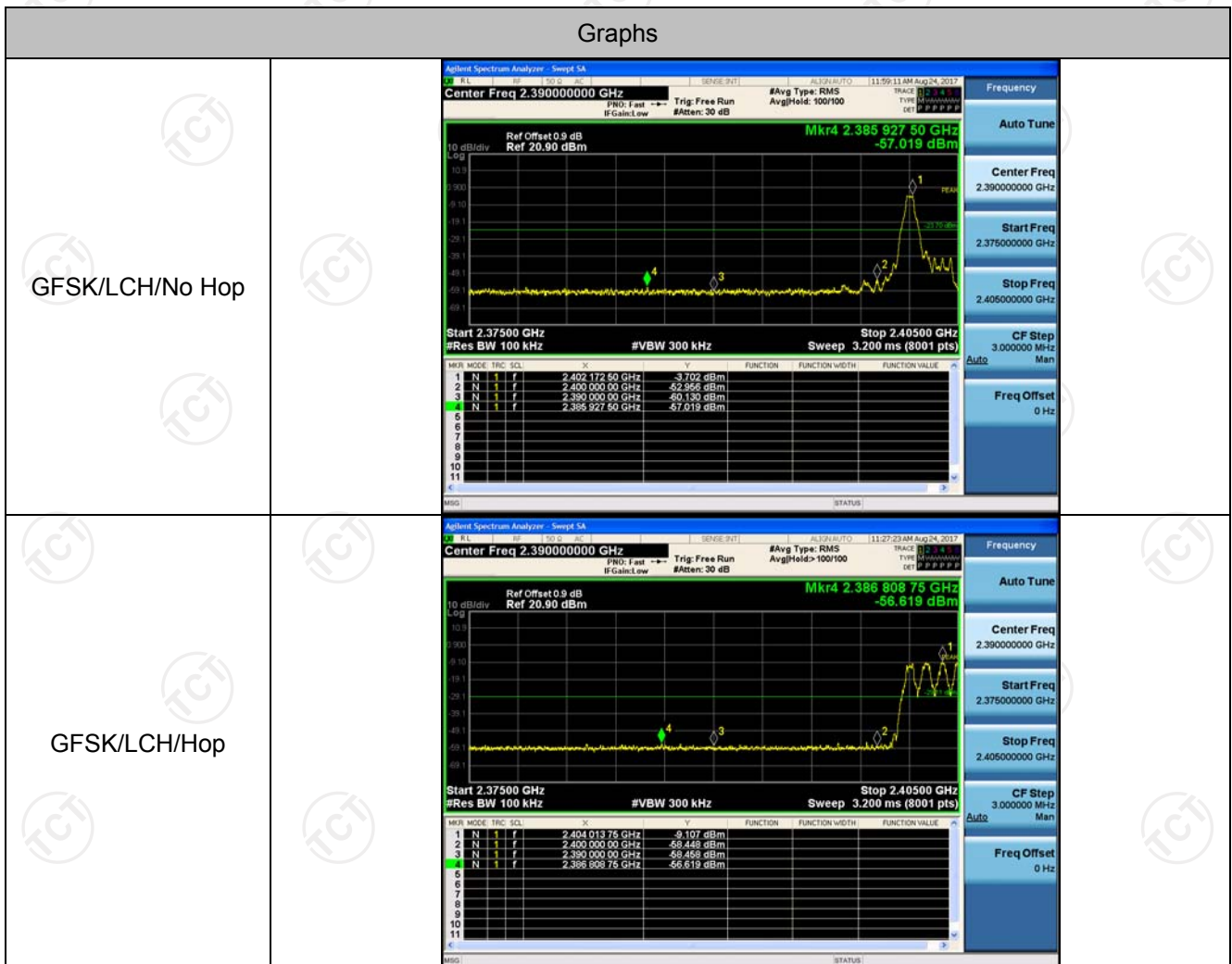
Band-edge for RF Conducted Emissions

Result Table

Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict
GFSK	LCH	2402	-3.702	Off	-57.019	-23.7	PASS
			-9.107	On	-56.619	-29.11	PASS
GFSK	HCH	2480	-1.589	Off	-53.832	-21.59	PASS
			-8.859	On	-56.005	-28.86	PASS
$\pi/4$ DQPSK	LCH	2402	-7.200	Off	-58.059	-27.2	PASS
			-6.665	On	-56.885	-26.67	PASS
$\pi/4$ DQPSK	HCH	2480	-3.805	Off	-54.796	-23.81	PASS
			-3.746	On	-53.848	-23.75	PASS
8DPSK	LCH	2402	-7.103	Off	-56.265	-27.1	PASS
			-5.693	On	-56.735	-25.69	PASS
8DPSK	HCH	2480	-3.838	Off	-54.576	-23.84	PASS
			-3.894	On	-52.456	-23.89	PASS

Test Graph

Graphs

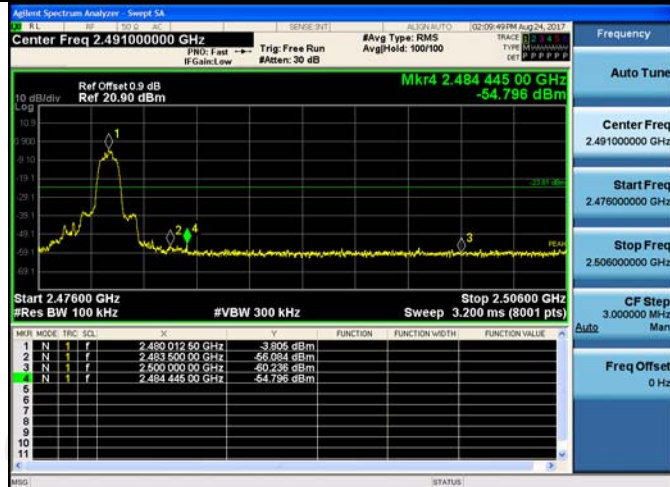


<p>GFSK/HCH/No Hop</p>	<p>Agilent Spectrum Analyzer - Swept SA</p> <p>Center Freq 2.491000000 GHz</p> <p>Ref Offset 0.9 dB Ref 20.90 dBm</p> <p>Mkr4 2.48416000 GHz -53.832 dBm</p> <p>Start 2.47600 GHz #Res BW 100 kHz #VBW 300 kHz Stop 2.50600 GHz Sweep 3.200 ms (8001 pts)</p> <table border="1"> <thead> <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>2.47984000 GHz</td><td>-1.689 dBm</td><td></td><td></td><td></td></tr> <tr><td>2</td><td>N</td><td>1</td><td>f</td><td>2.48350000 GHz</td><td>-59.784 dBm</td><td></td><td></td><td></td></tr> <tr><td>3</td><td>N</td><td>1</td><td>f</td><td>2.50000000 GHz</td><td>-59.176 dBm</td><td></td><td></td><td></td></tr> <tr><td>4</td><td>N</td><td>1</td><td>f</td><td>2.48416000 GHz</td><td>-53.832 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	2.47984000 GHz	-1.689 dBm				2	N	1	f	2.48350000 GHz	-59.784 dBm				3	N	1	f	2.50000000 GHz	-59.176 dBm				4	N	1	f	2.48416000 GHz	-53.832 dBm			
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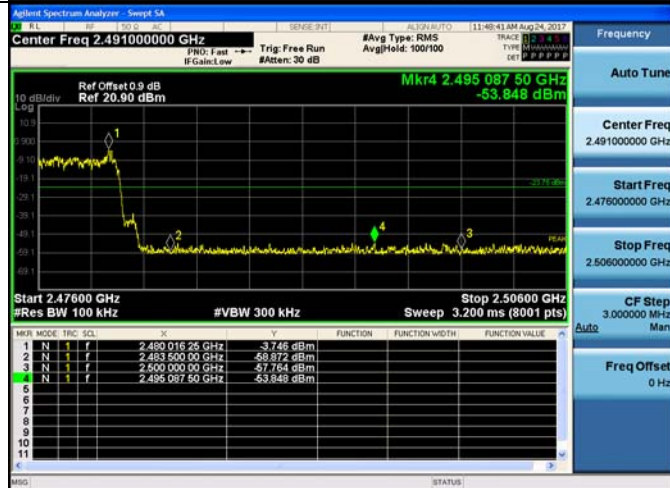
$\pi/4$ DQPSK/LCH/Hop



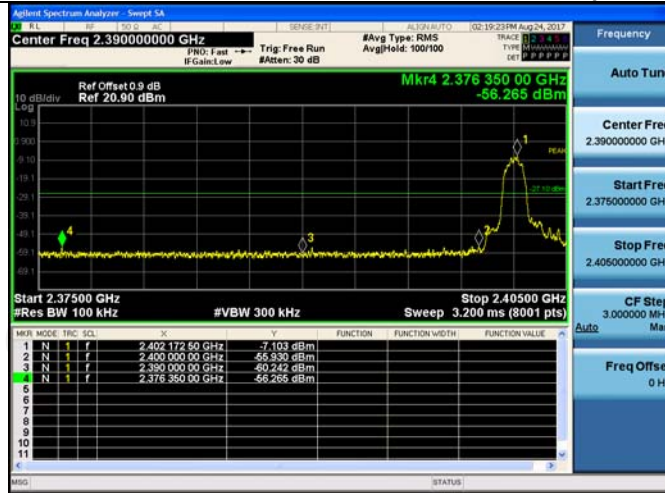
$\pi/4$ DQPSK/HCH/No Hop



$\pi/4$ DQPSK/HCH/Hop



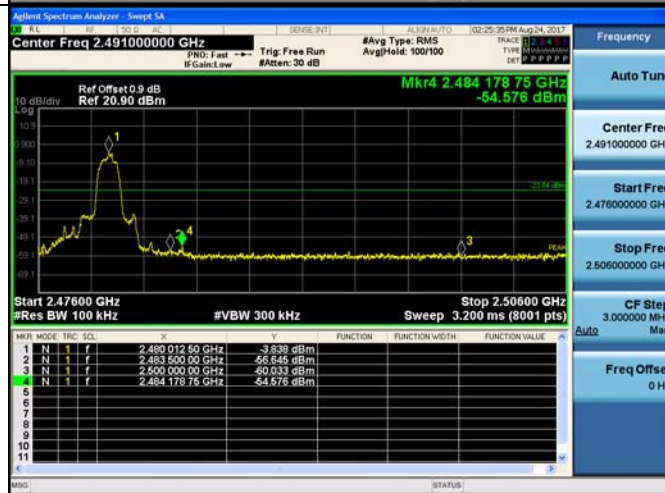
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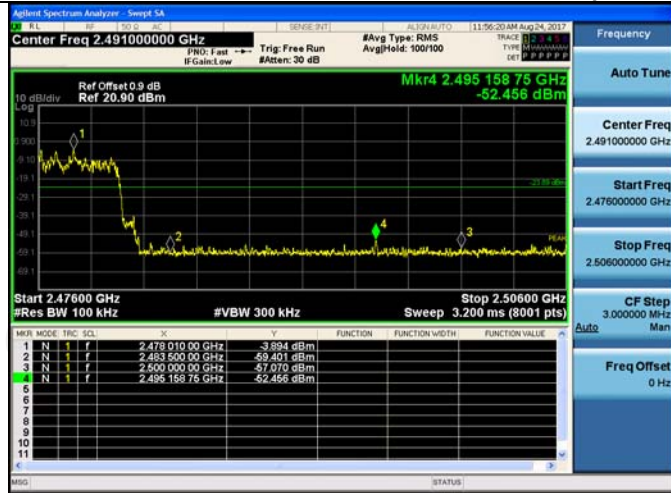
8DPSK/LCH/Hop



8DPSK/HCH/No Hop



8DPSK/HCH/Hop

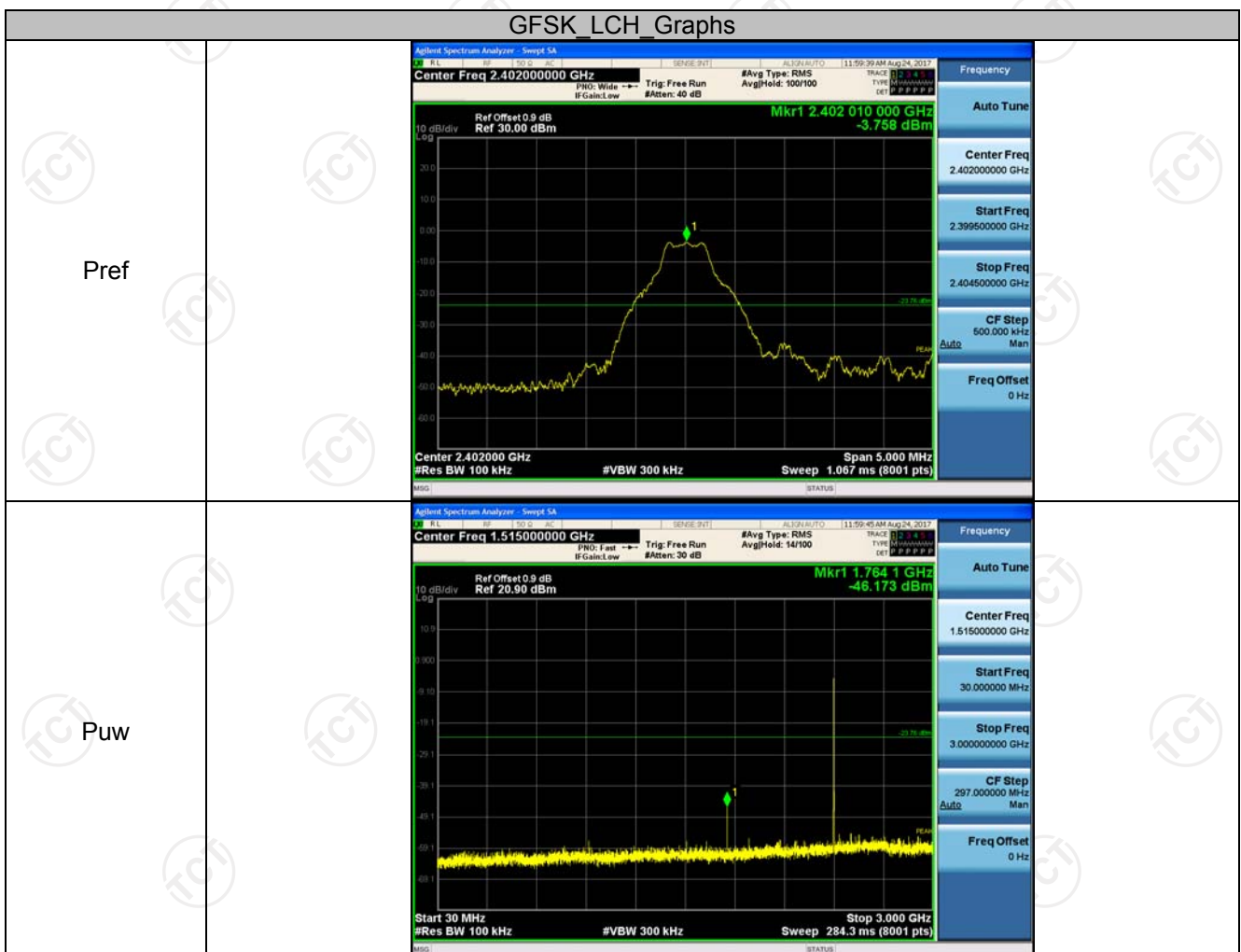


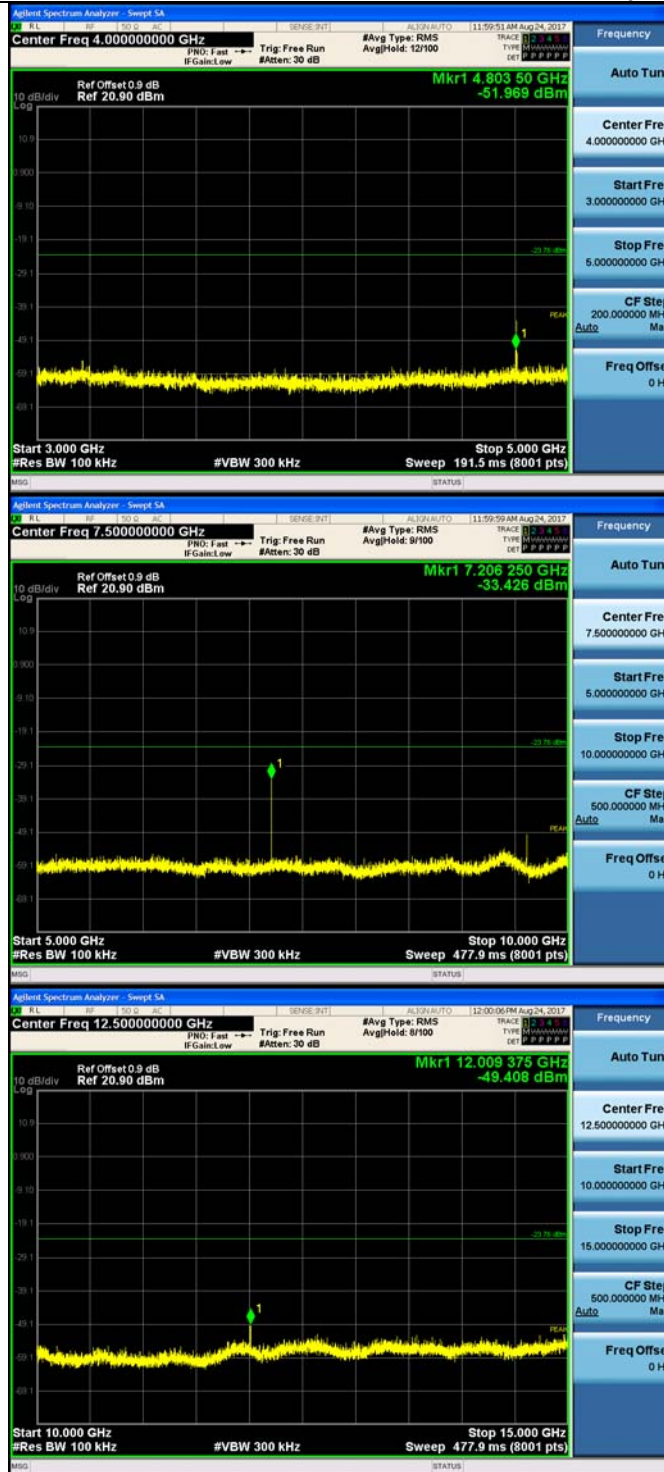
RF Conducted Spurious Emissions

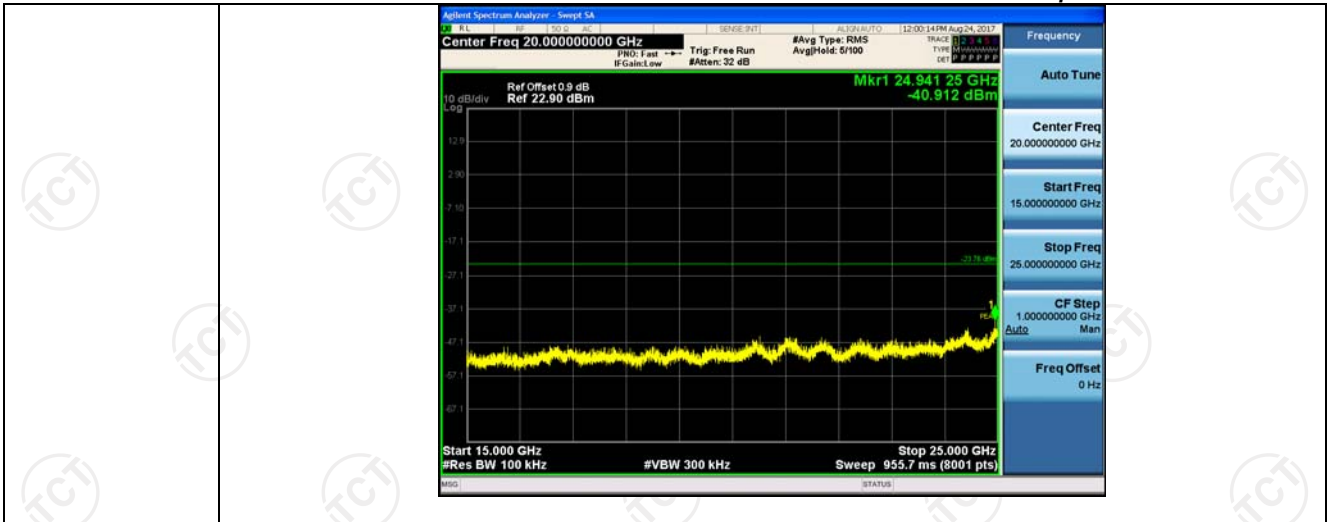
Result Table

Mode	Channel	Pref [dBm]	Puw[dBm]	Verdict
GFSK	LCH	-3.758	<Limit	PASS
GFSK	MCH	-1.824	<Limit	PASS
GFSK	HCH	-1.636	<Limit	PASS
$\pi/4$ DQPSK	LCH	-7.273	<Limit	PASS
$\pi/4$ DQPSK	MCH	-4.56	<Limit	PASS
$\pi/4$ DQPSK	HCH	-3.911	<Limit	PASS
8DPSK	LCH	-7.233	<Limit	PASS
8DPSK	MCH	-4.12	<Limit	PASS
8DPSK	HCH	-3.814	<Limit	PASS

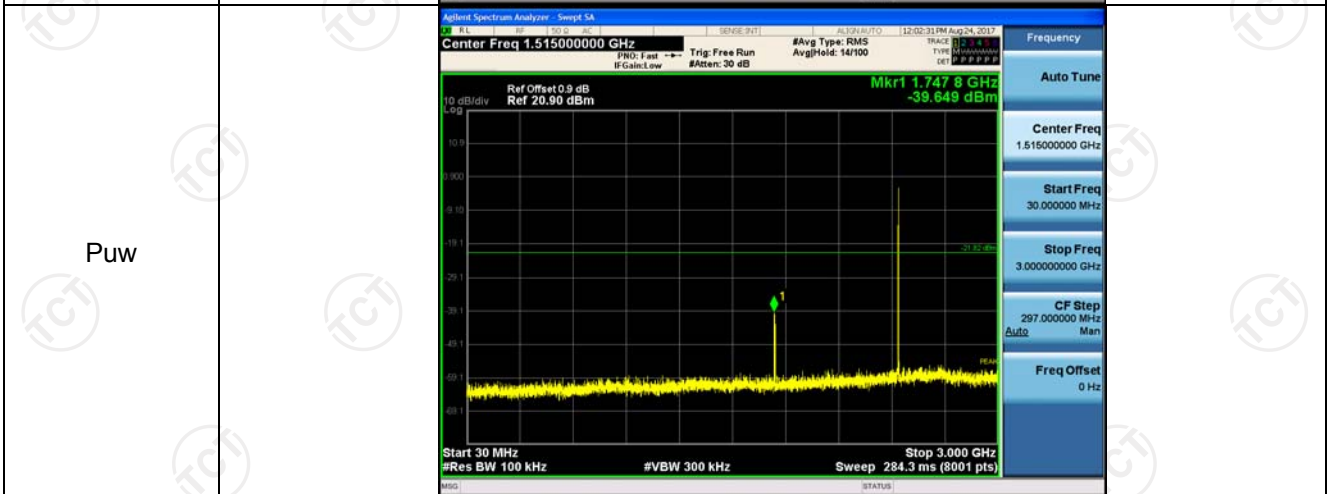
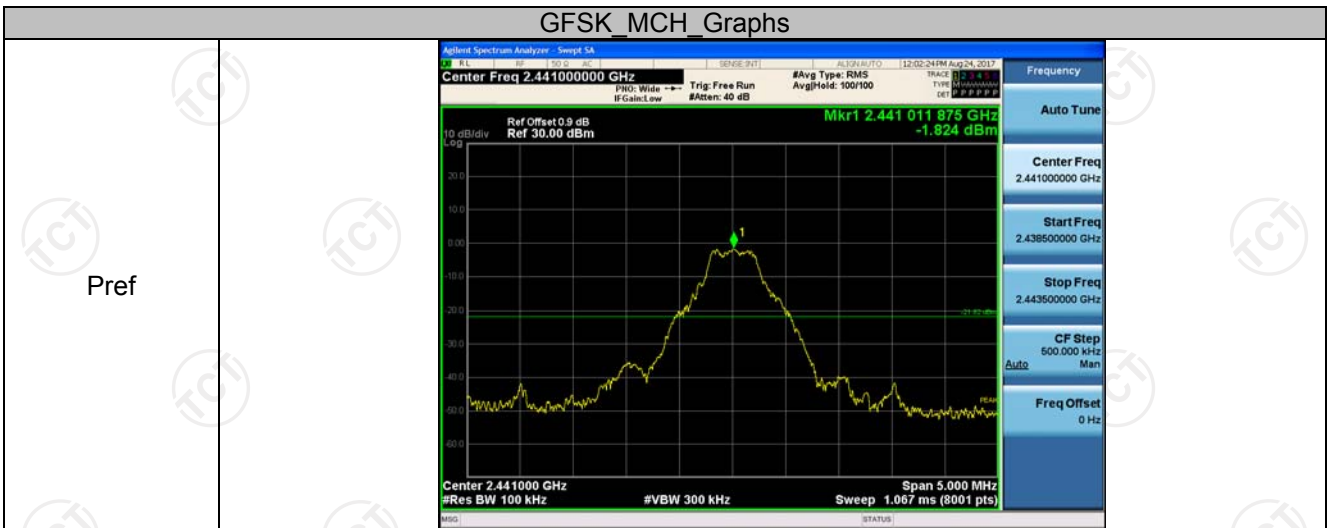
Test Graph

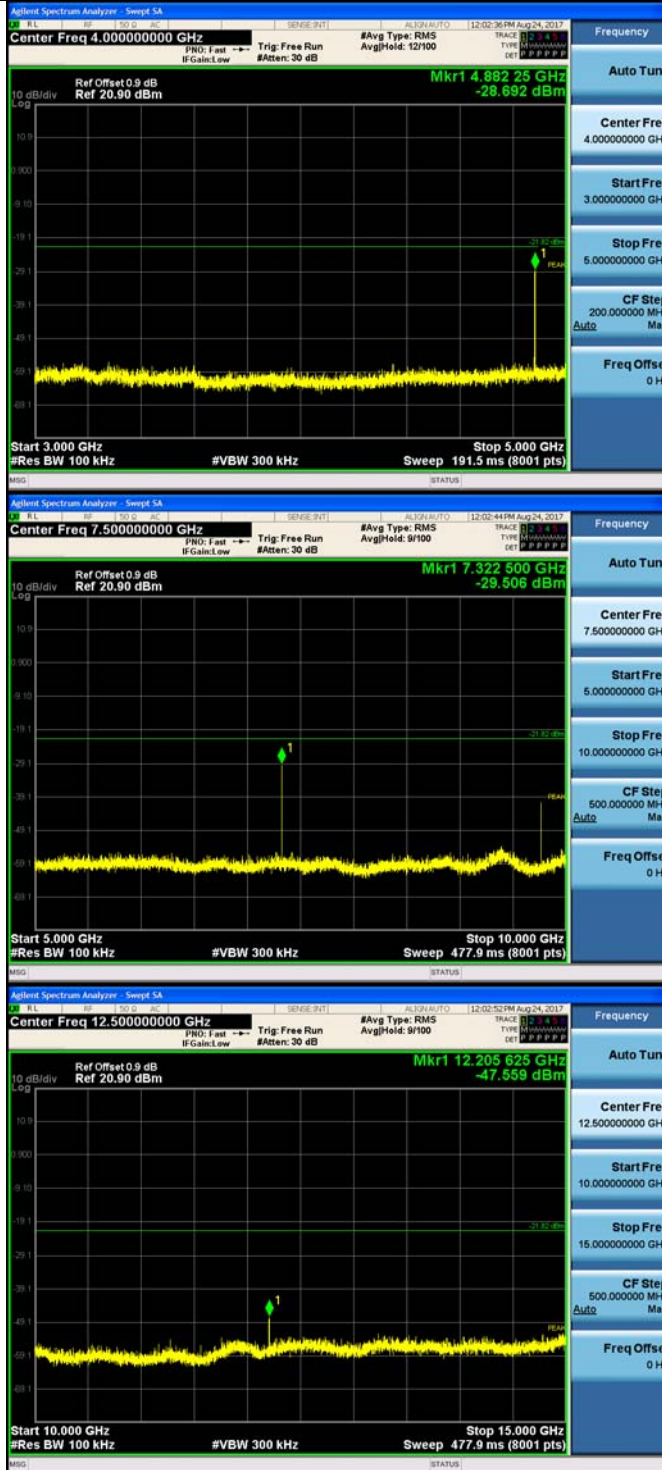


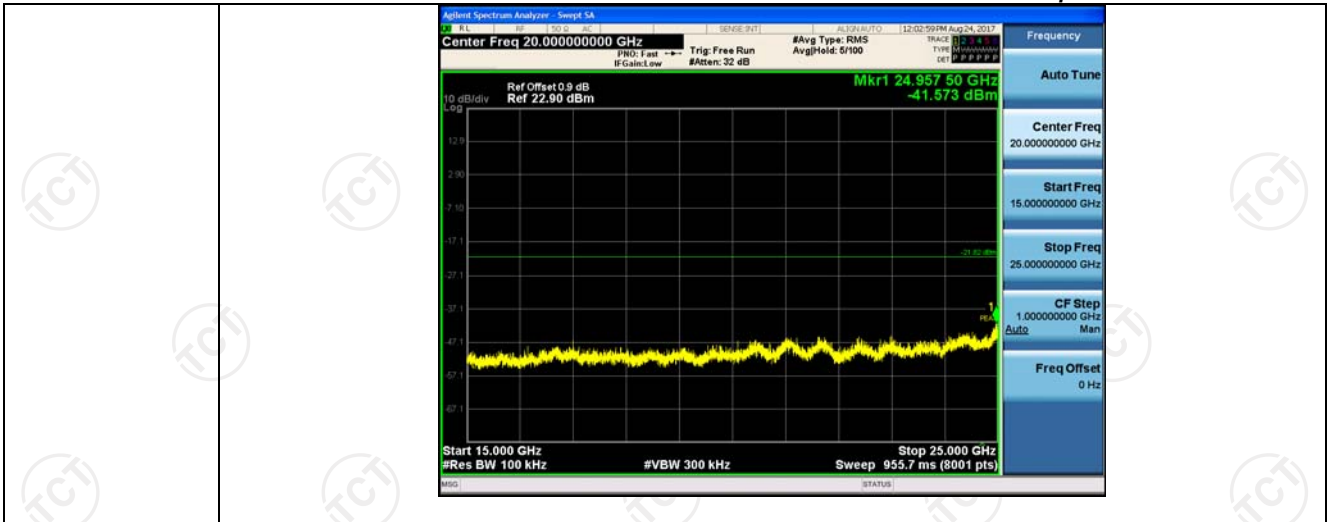




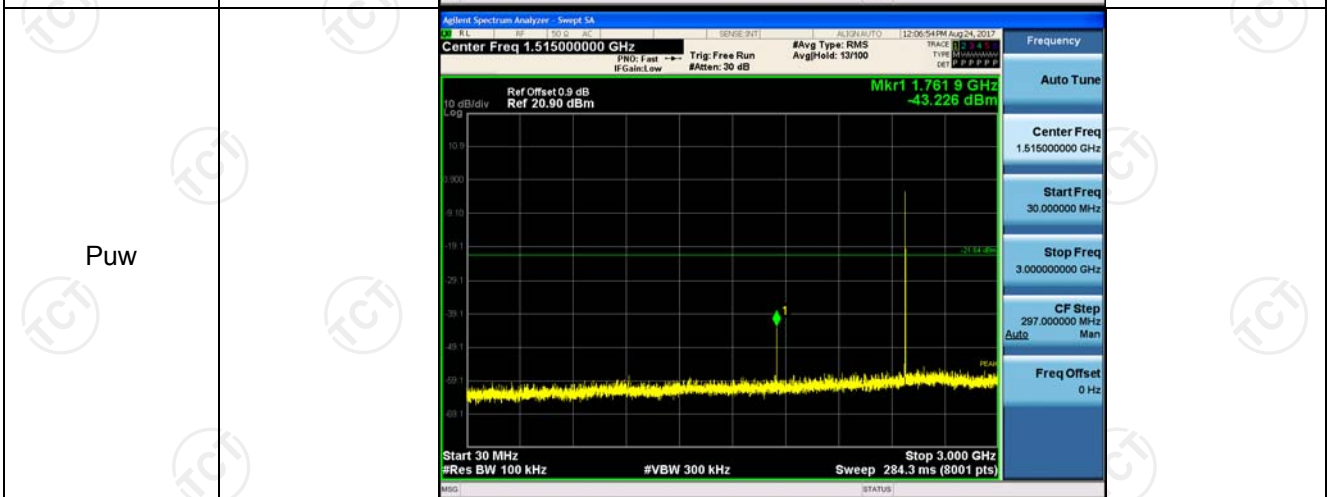
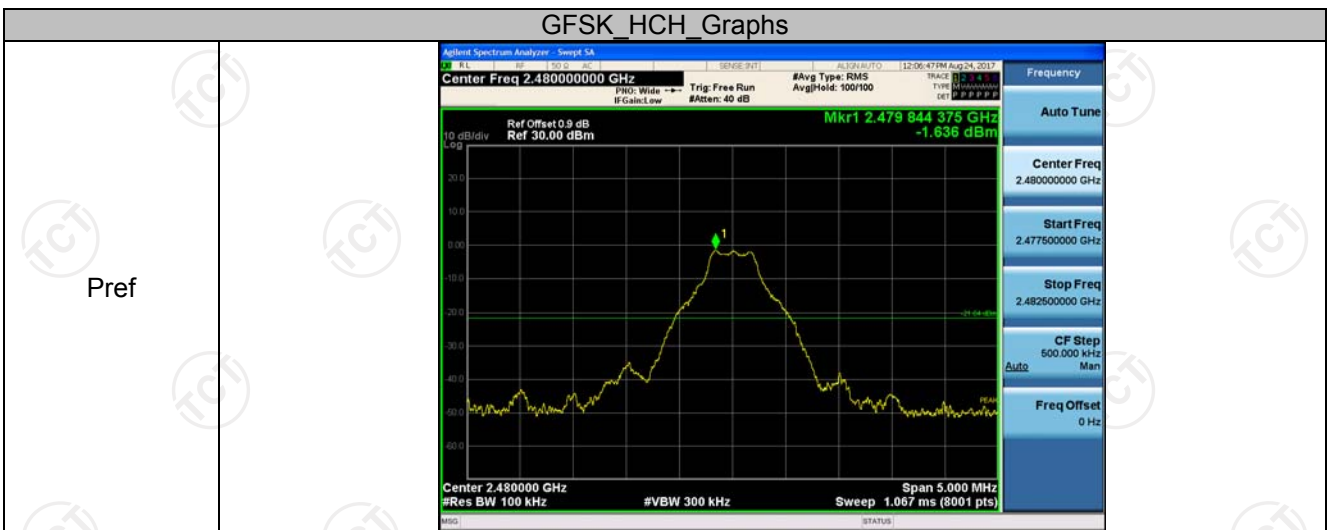
GFSK_MCH_Graphs

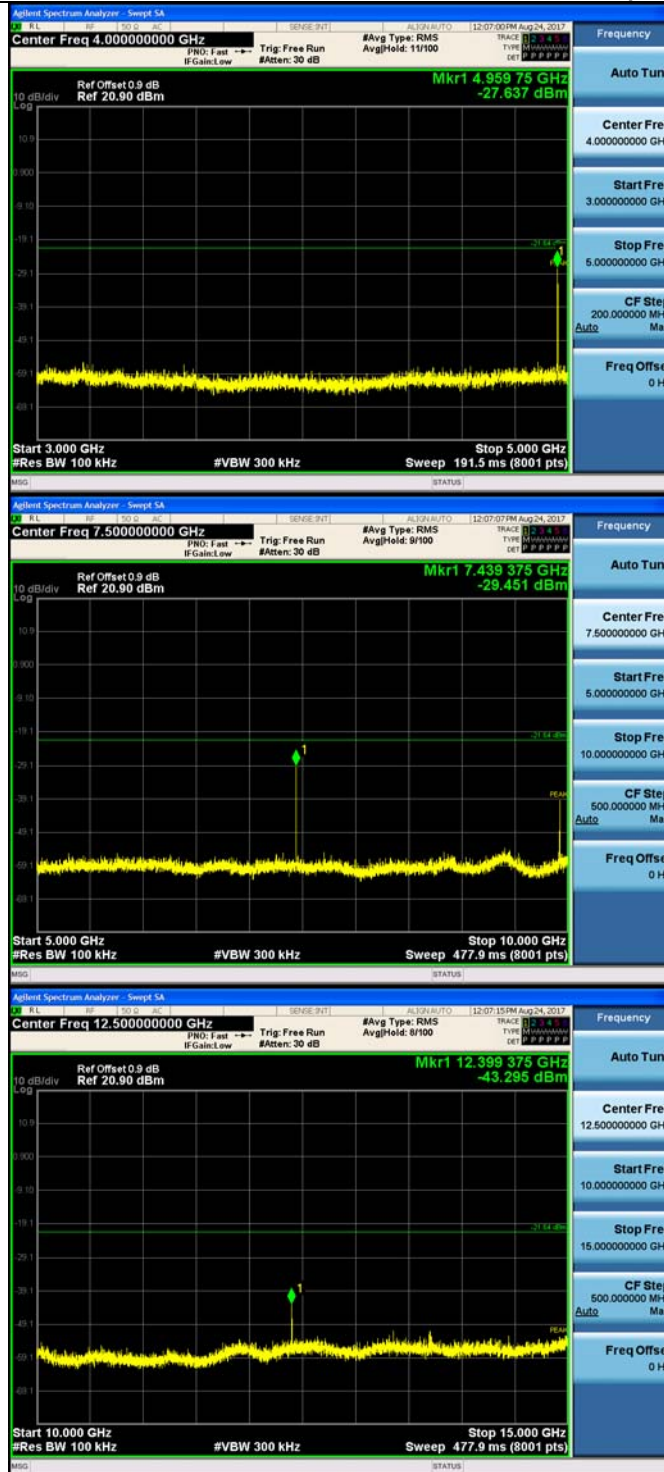


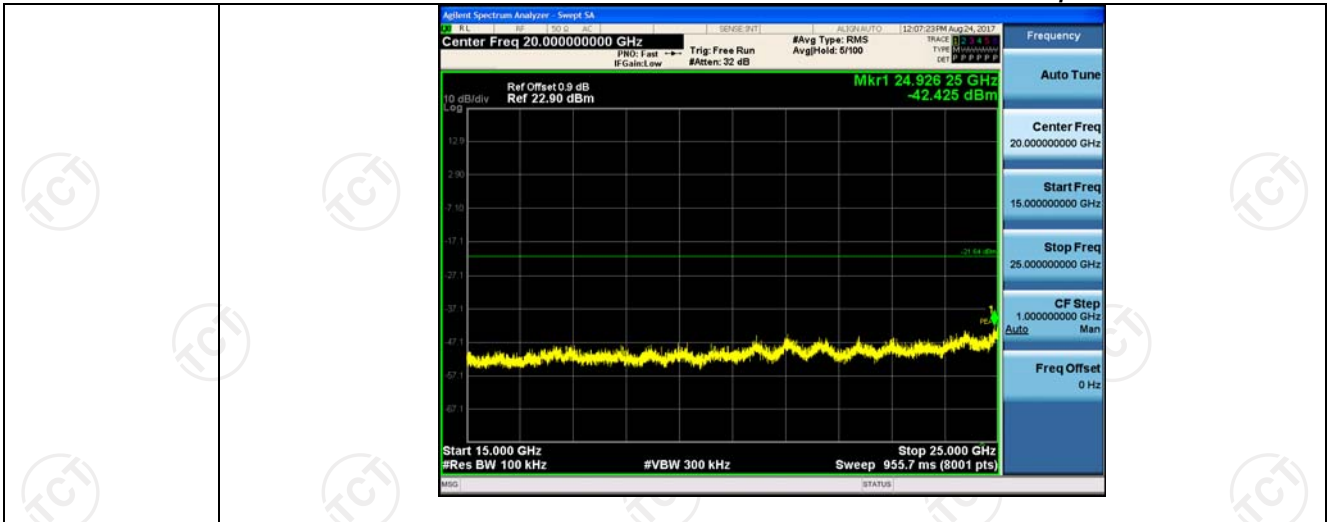




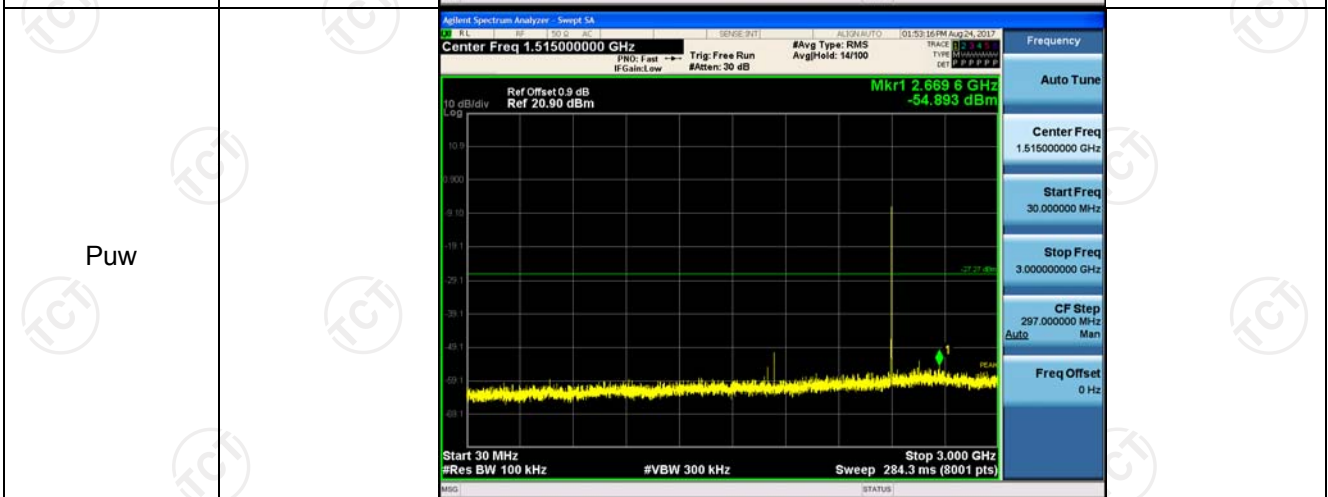
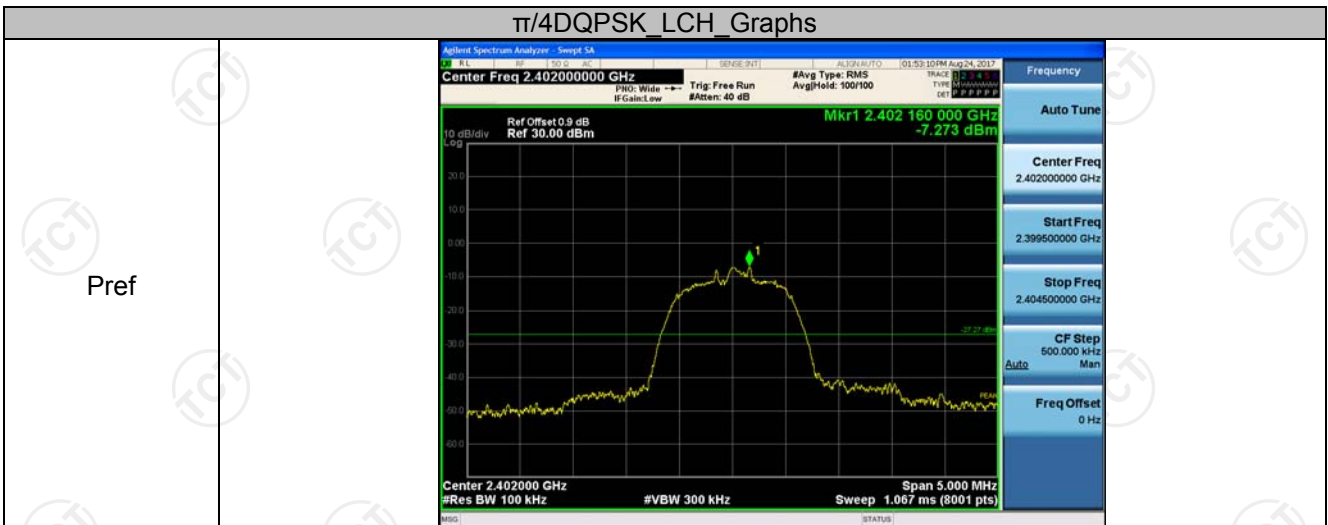
GFSK HCH Graphs



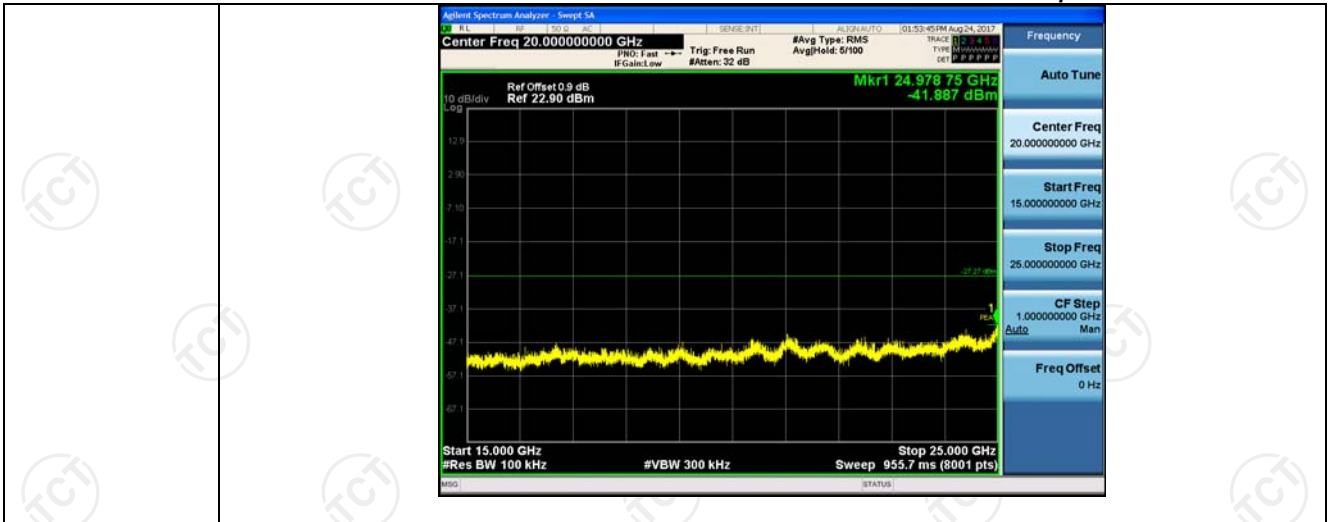




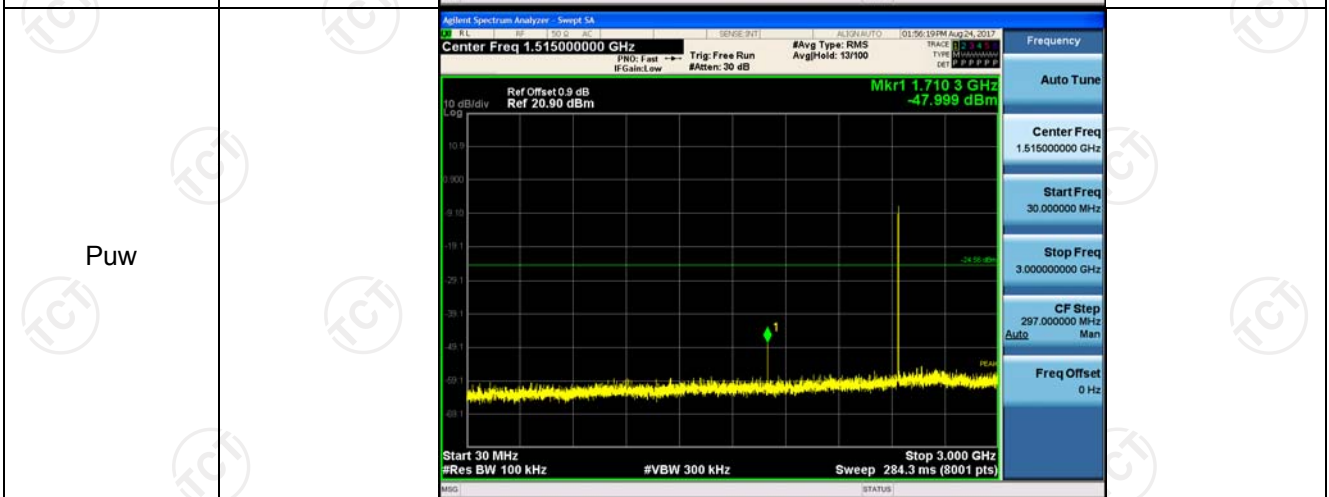
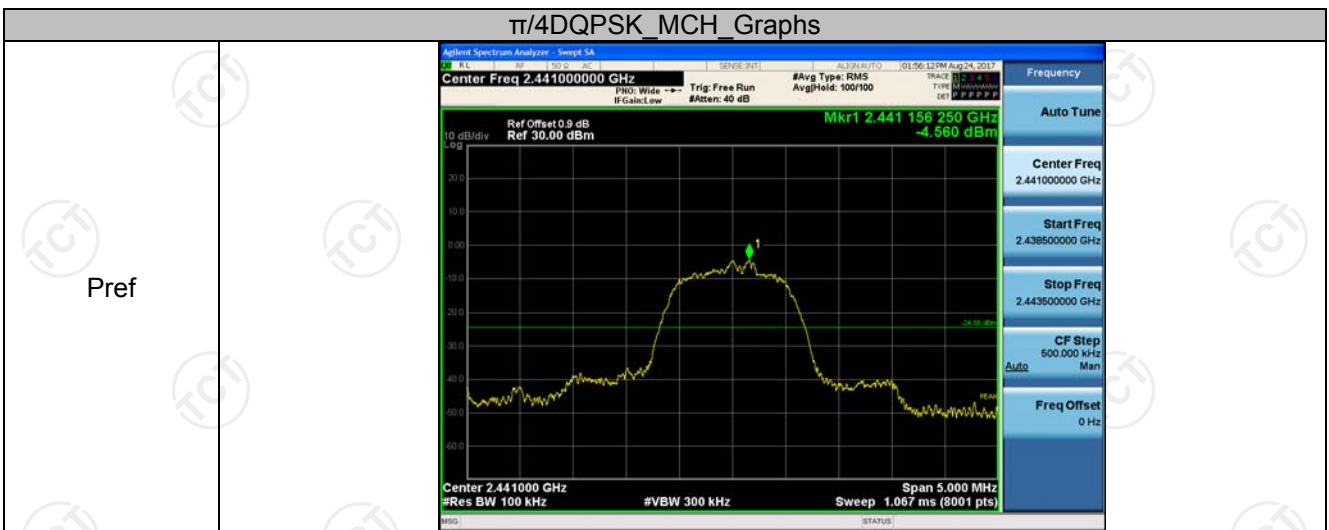
$\pi/4$ DQPSK LCH_Graphs

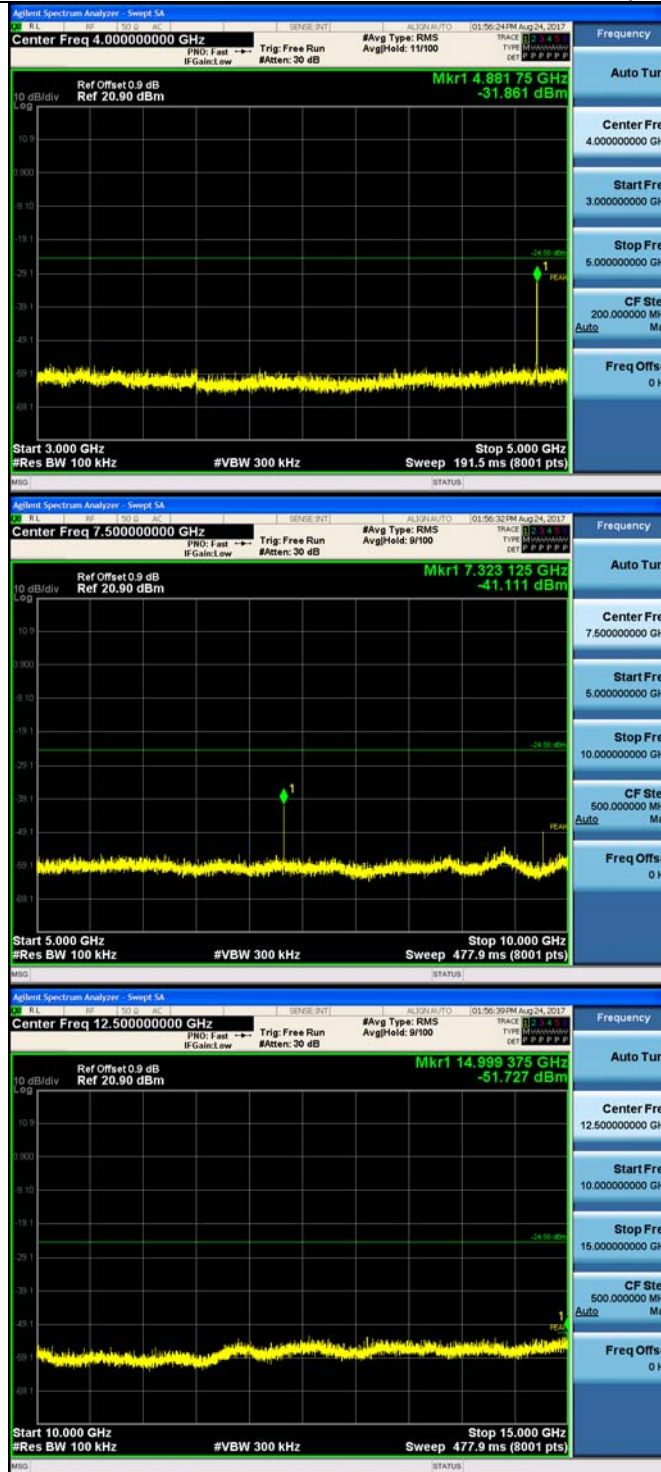


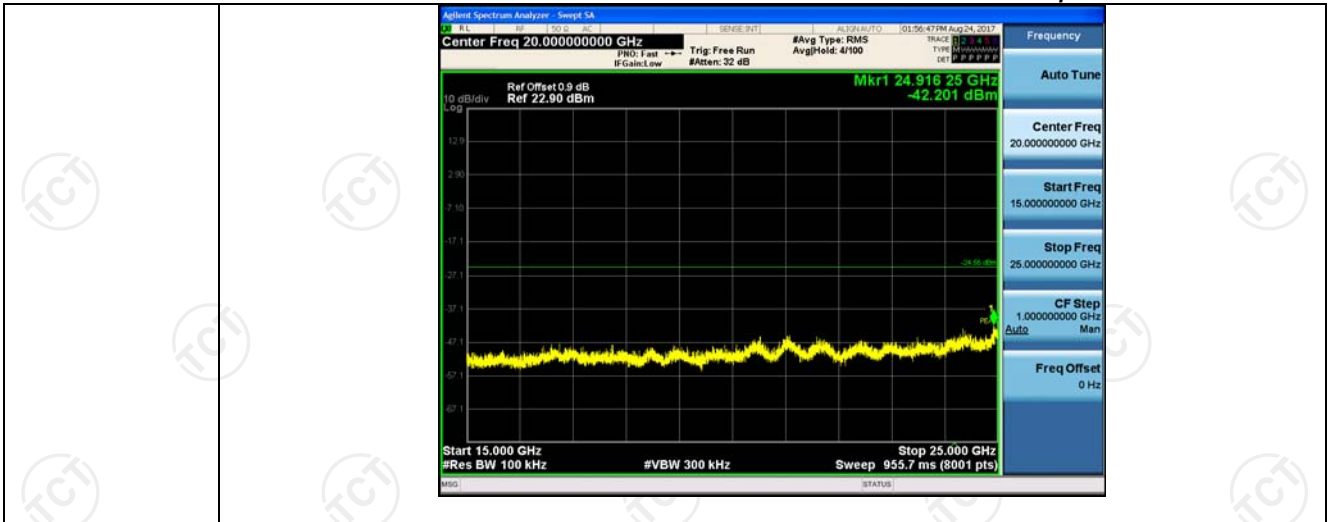




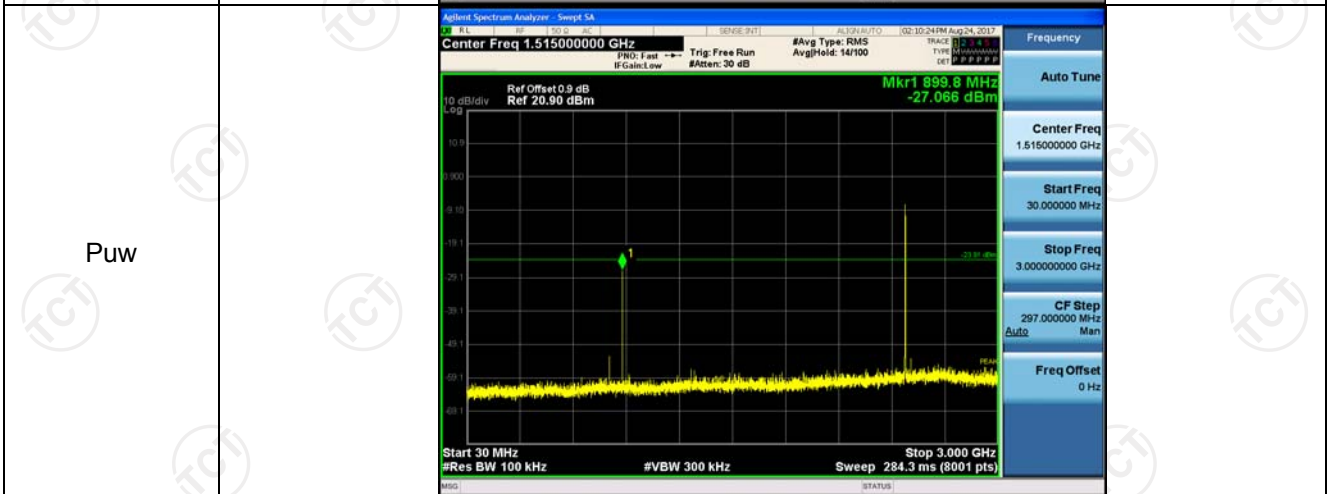
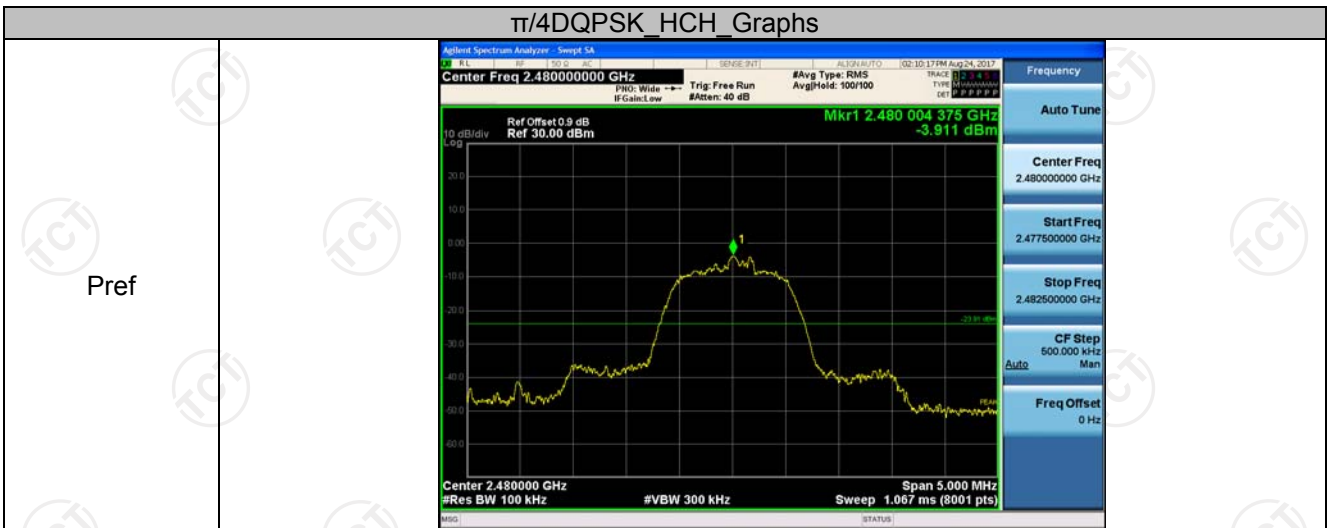
$\pi/4$ DQPSK_MCH_Graphs

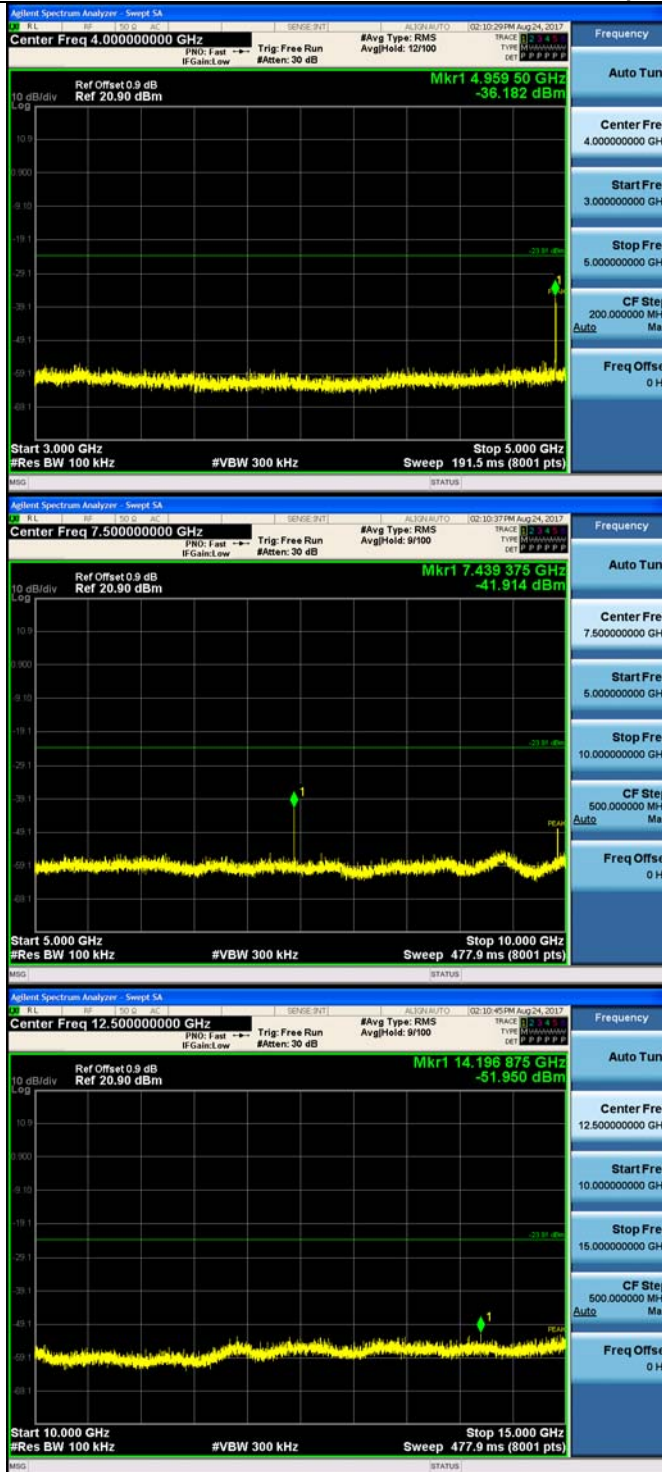


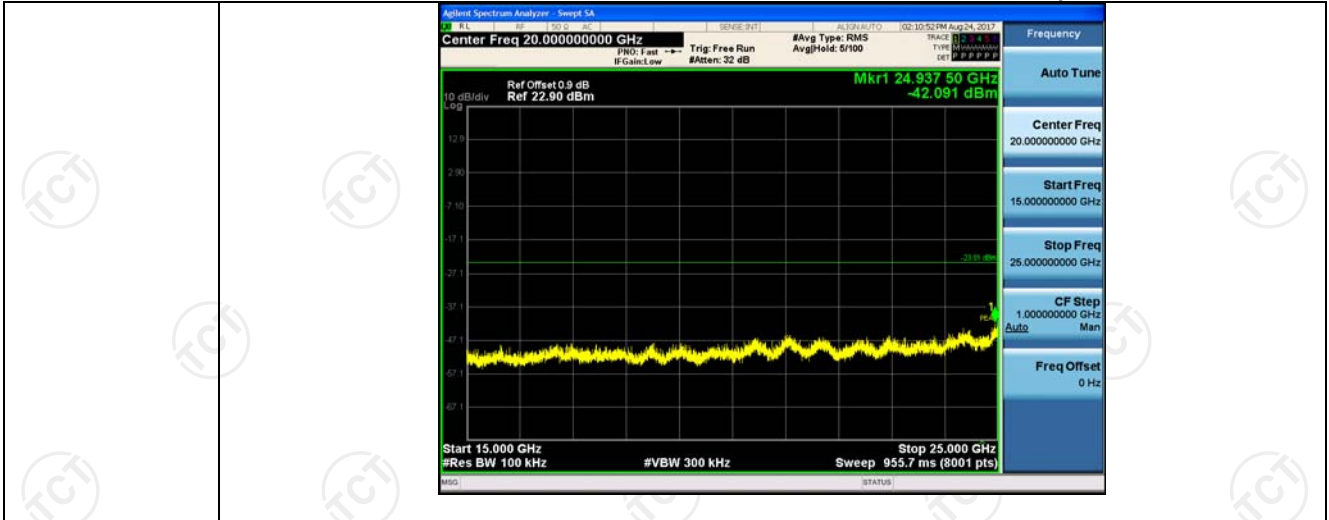




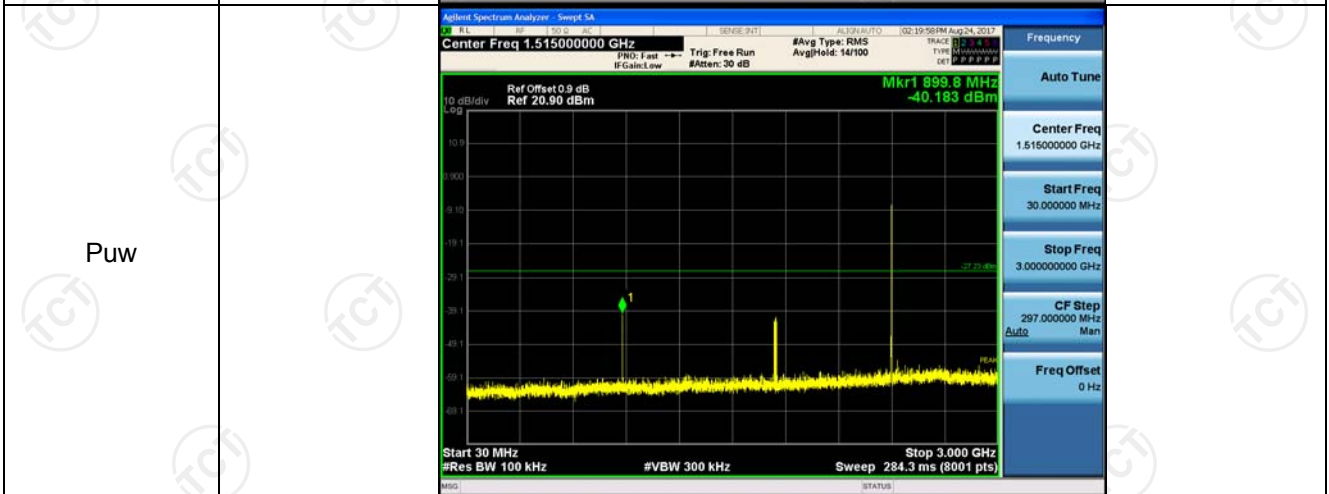
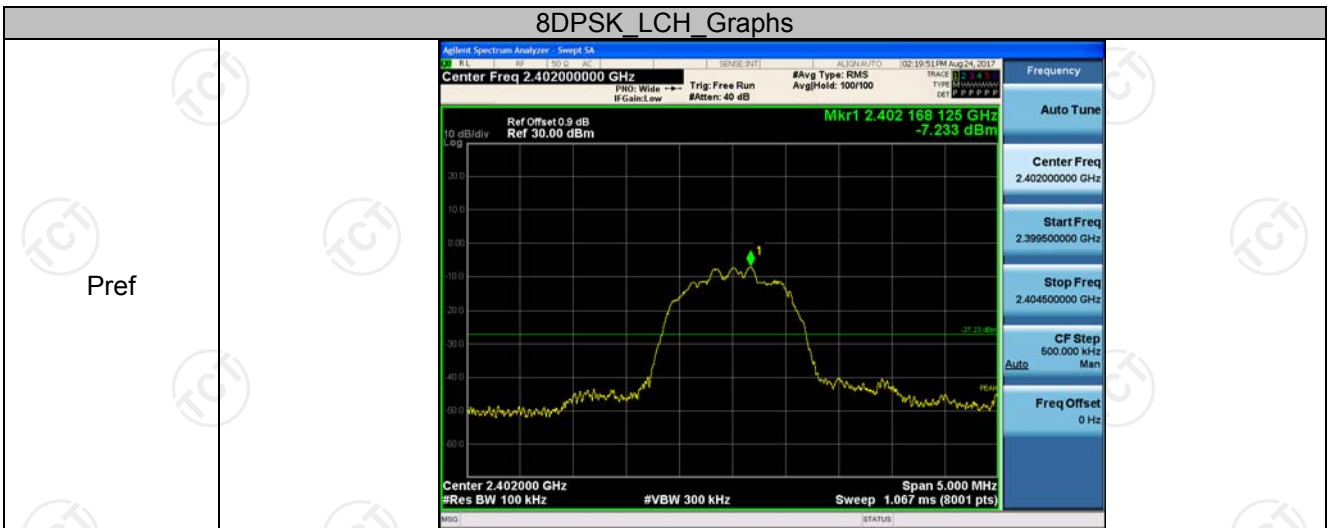
$\pi/4$ DQPSK_HCH_Graphs

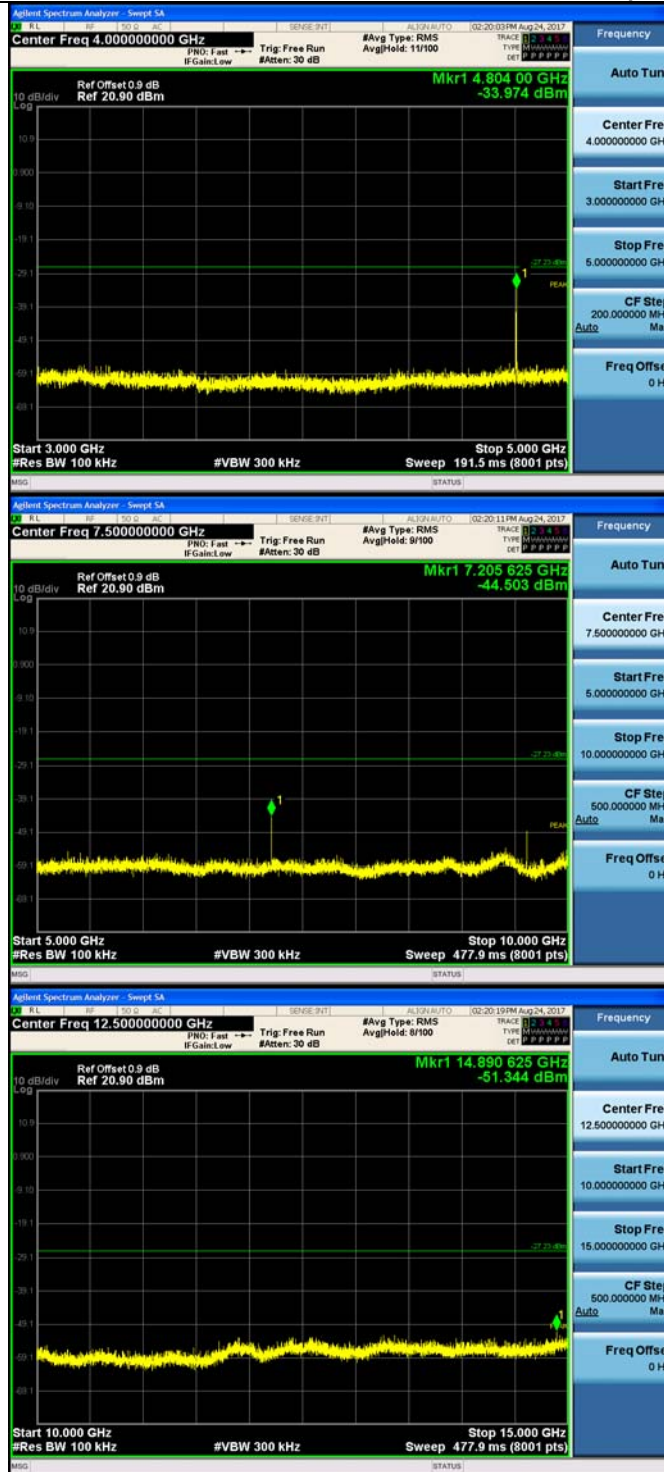


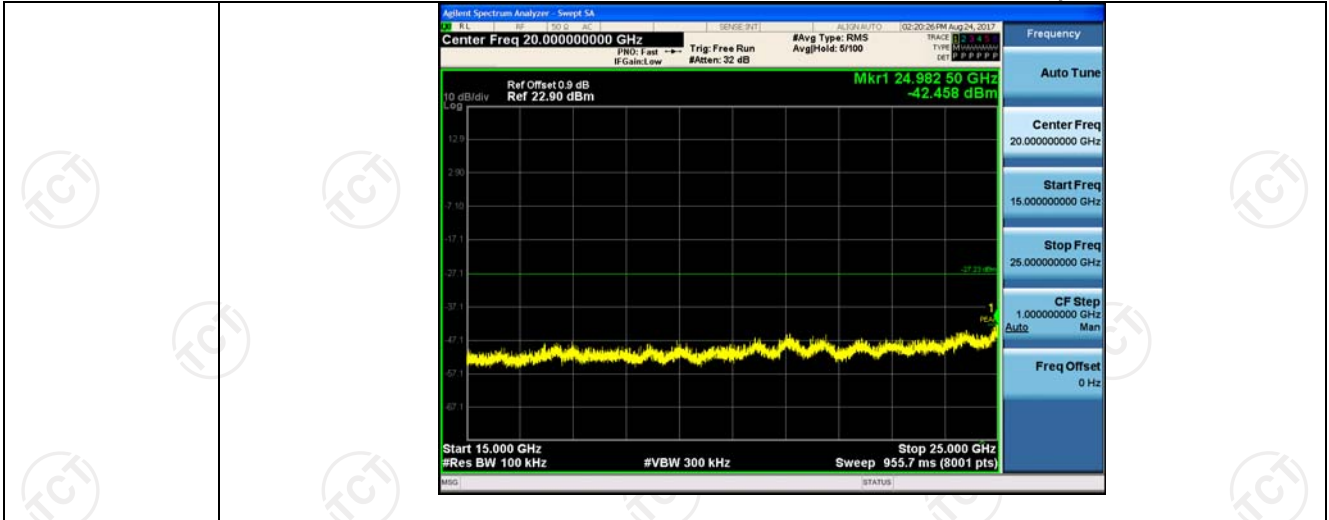




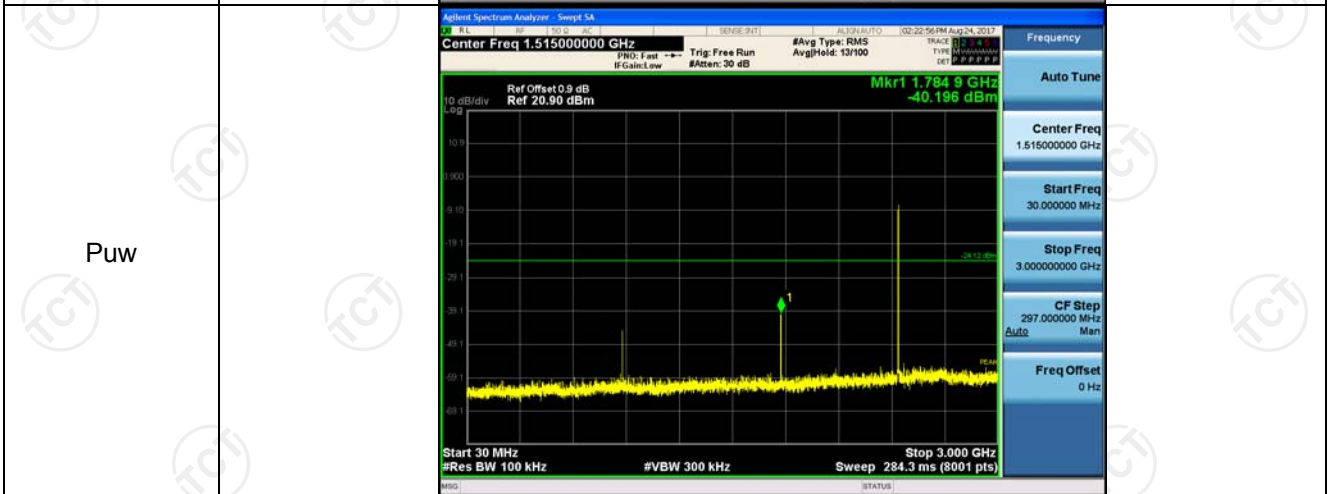
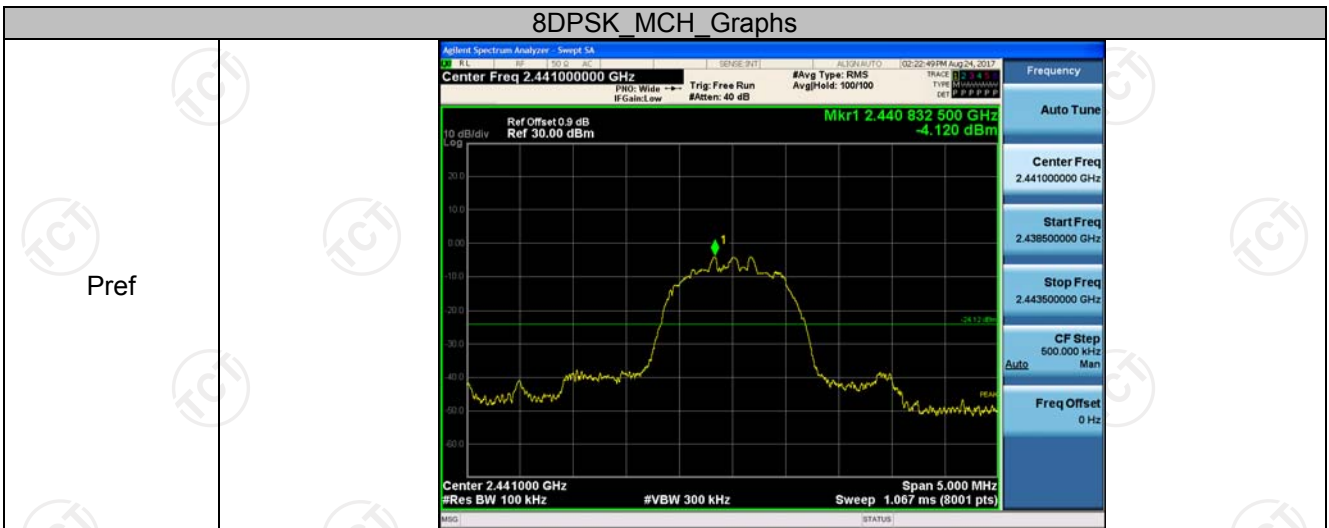
8DPSK LCH_Graphs

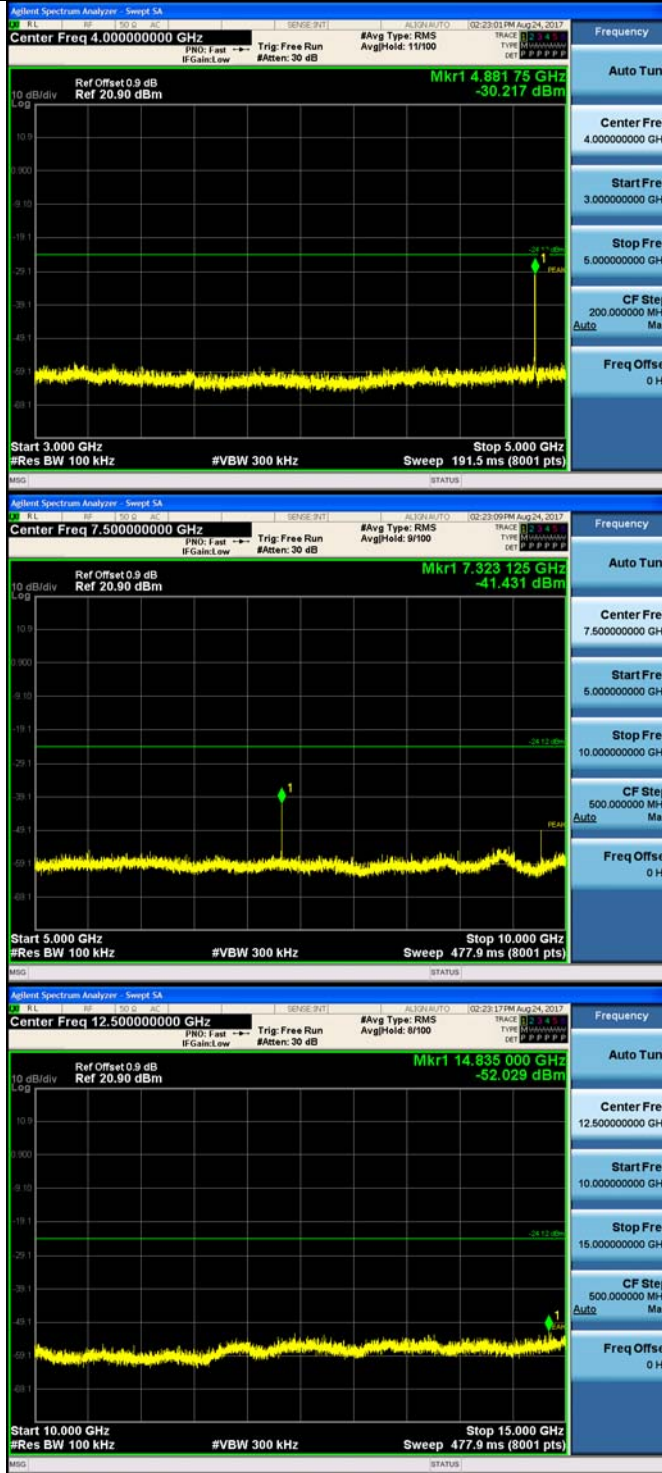


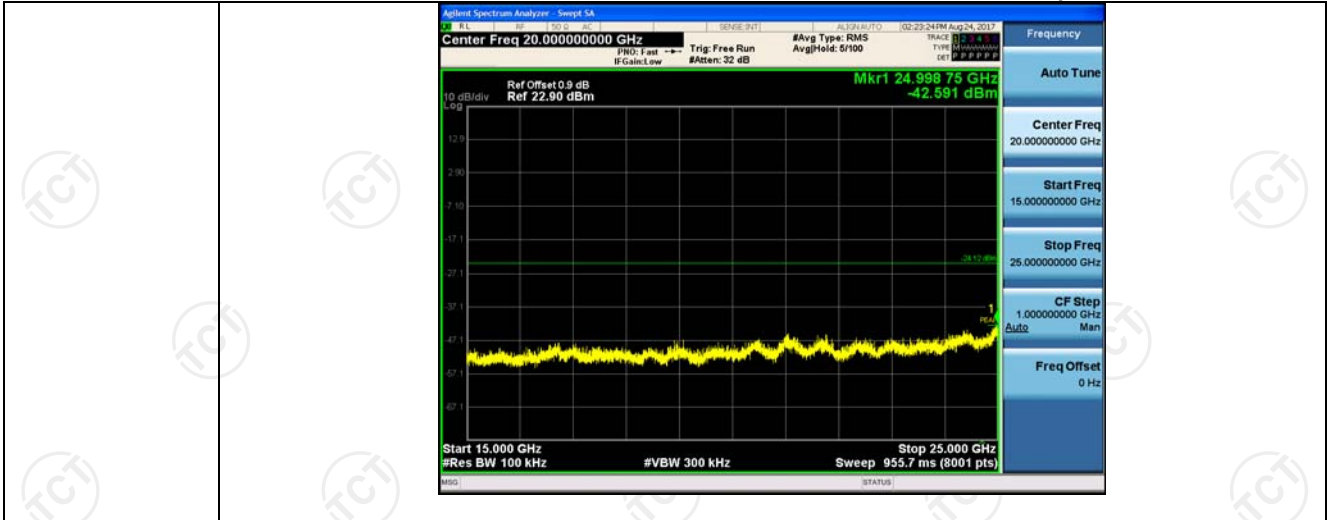




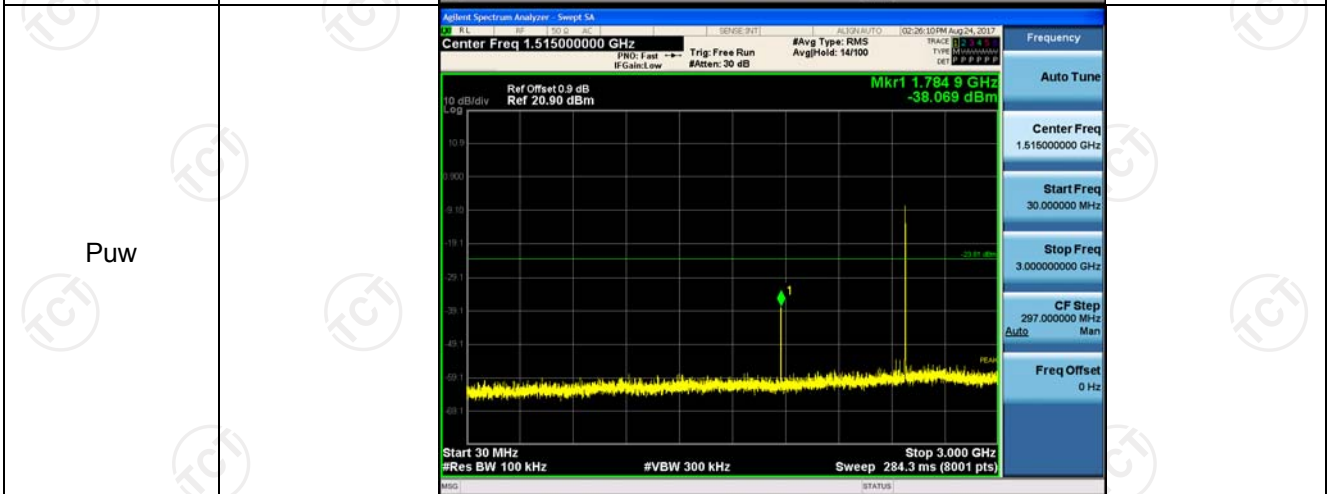
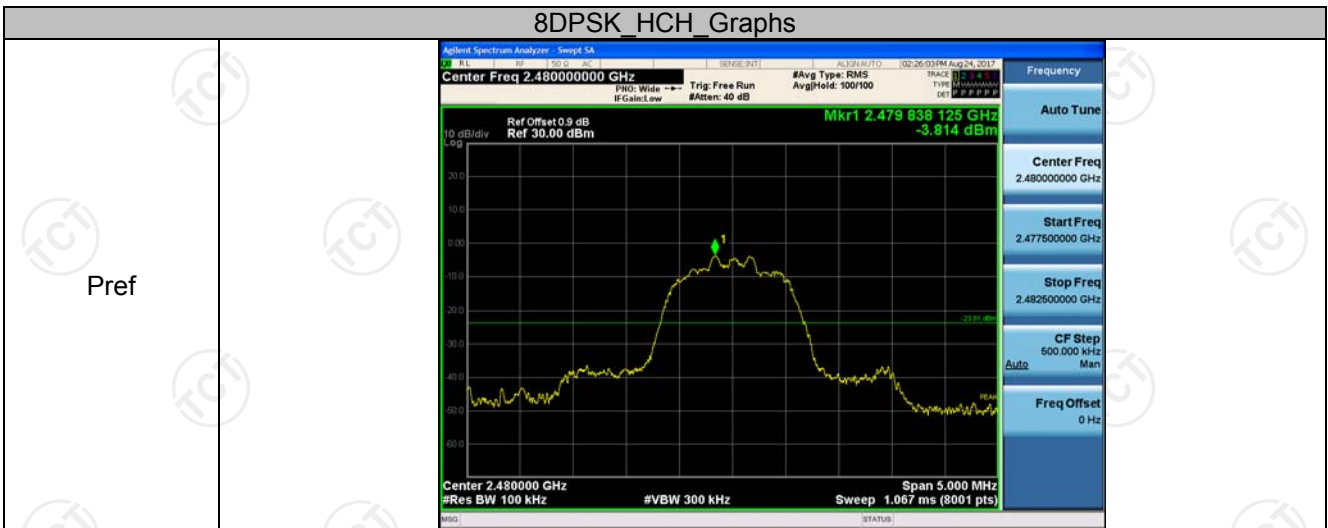
8DPSK MCH_Graphs

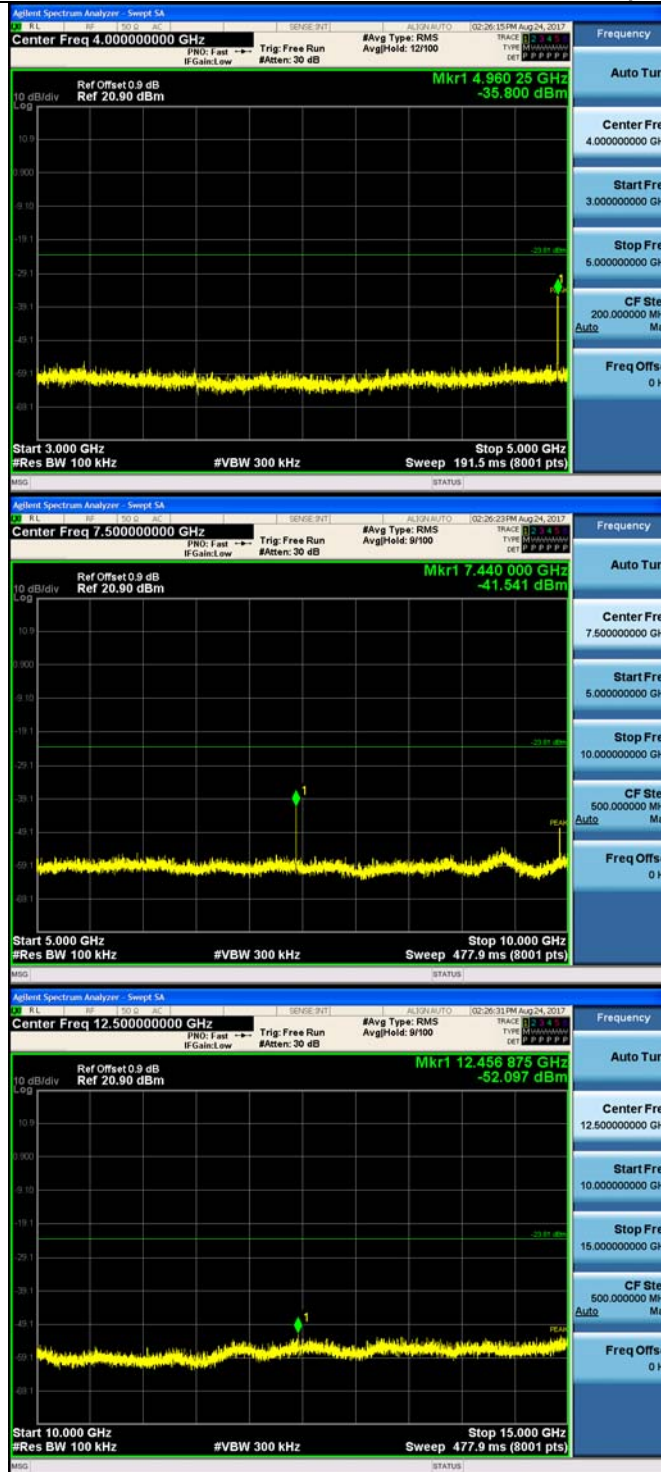


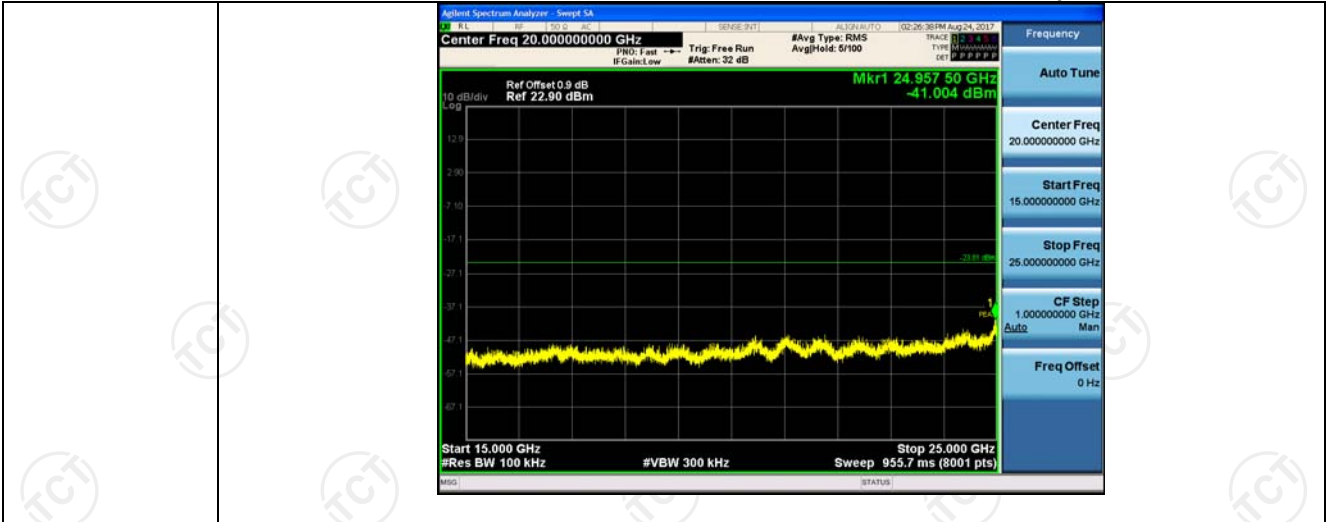




8DPSK_HCH_Graphs





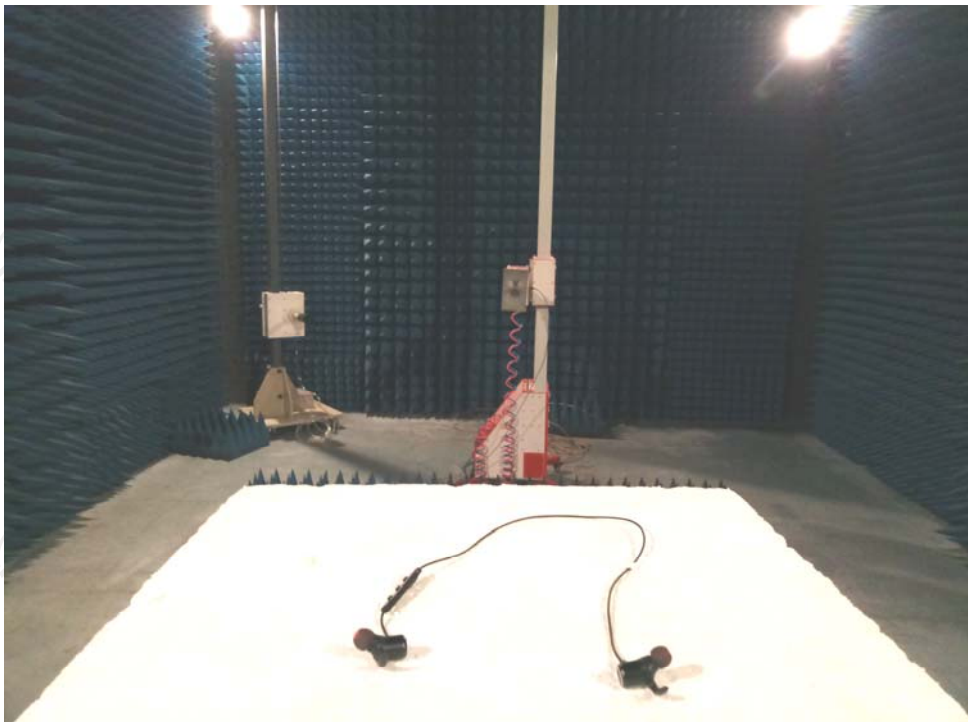
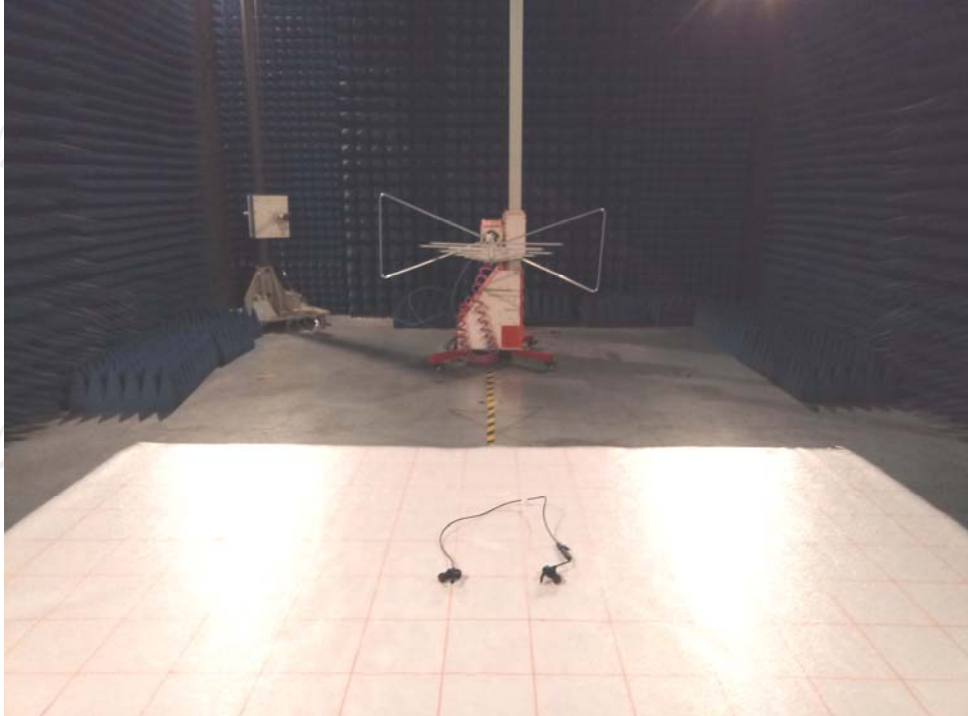


Appendix B: Photographs of Test Setup

Product: Bluetooth Earphone

Model: BT515E

Radiated Emission



CE



Appendix C: Photographs of EUT
Product: Bluetooth Earphone
Model: BT515E
External Photos

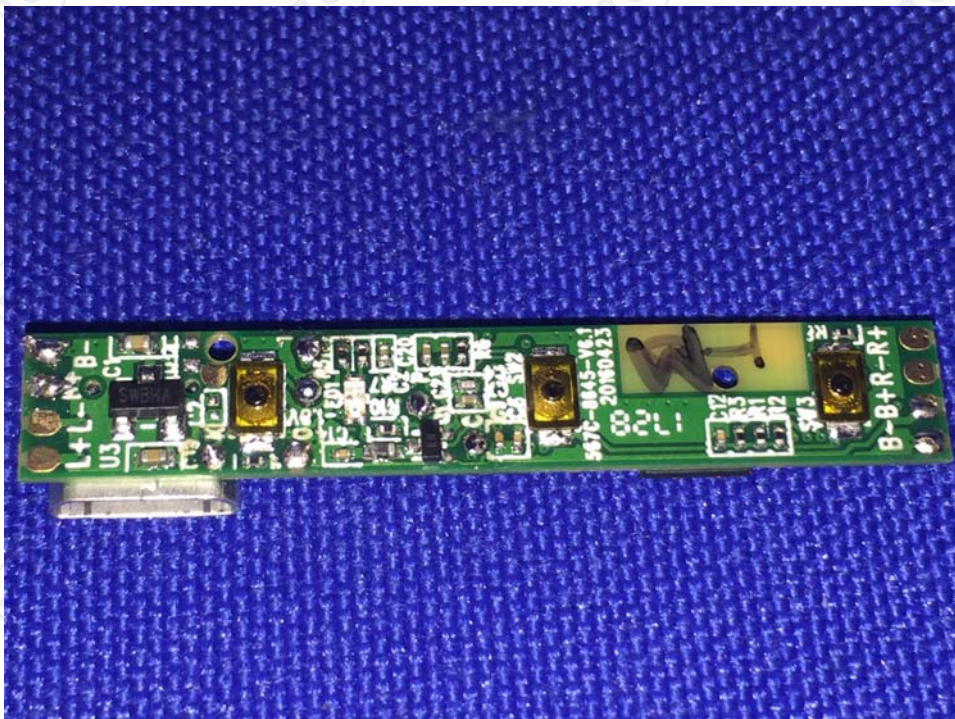
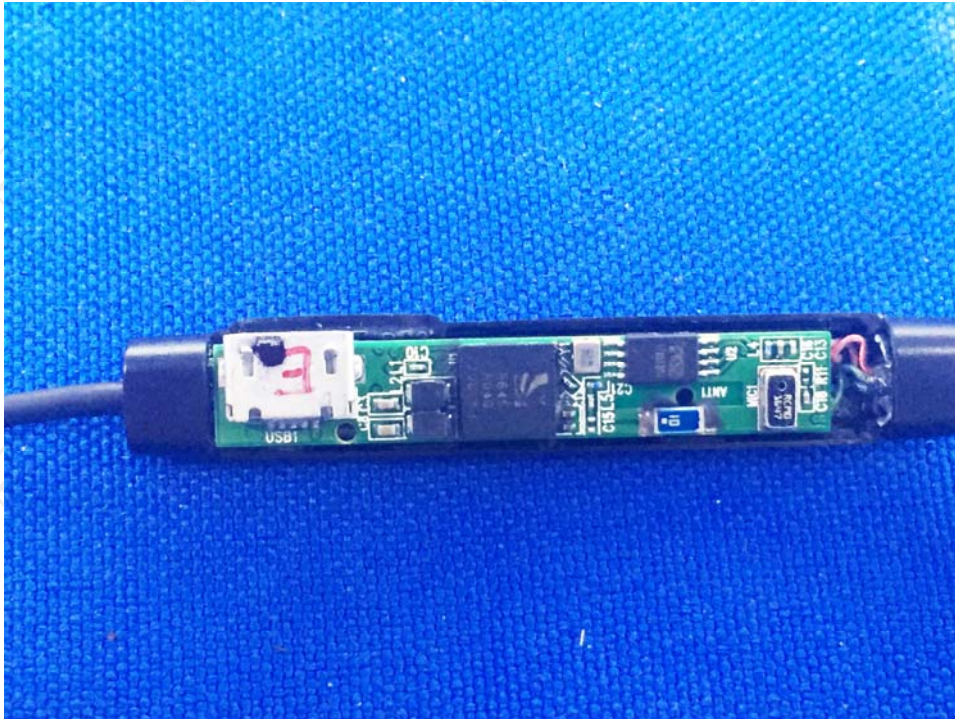


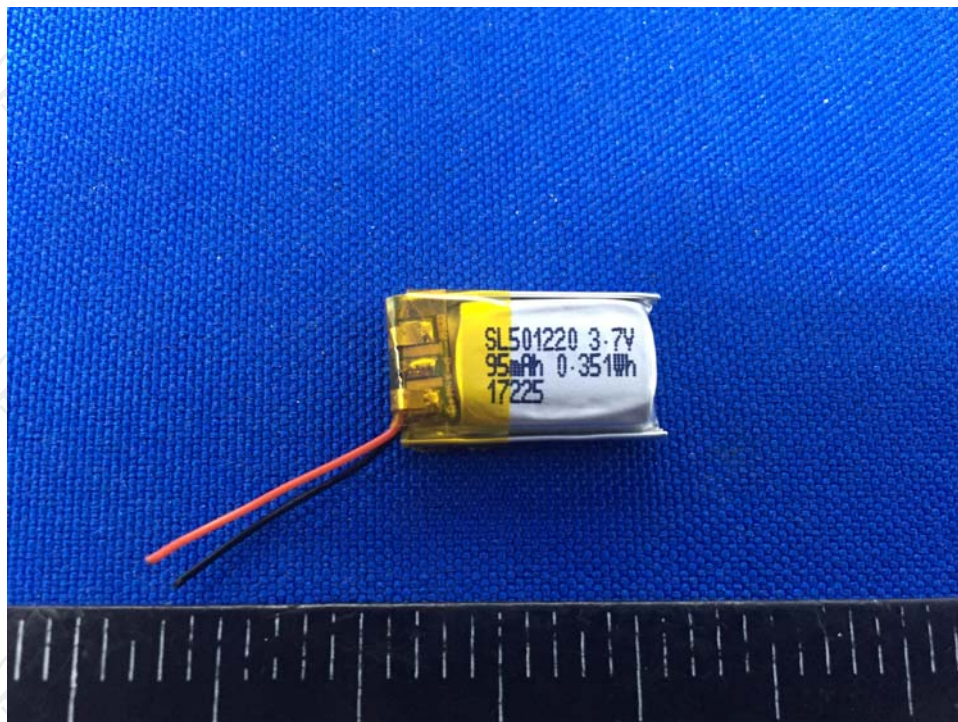
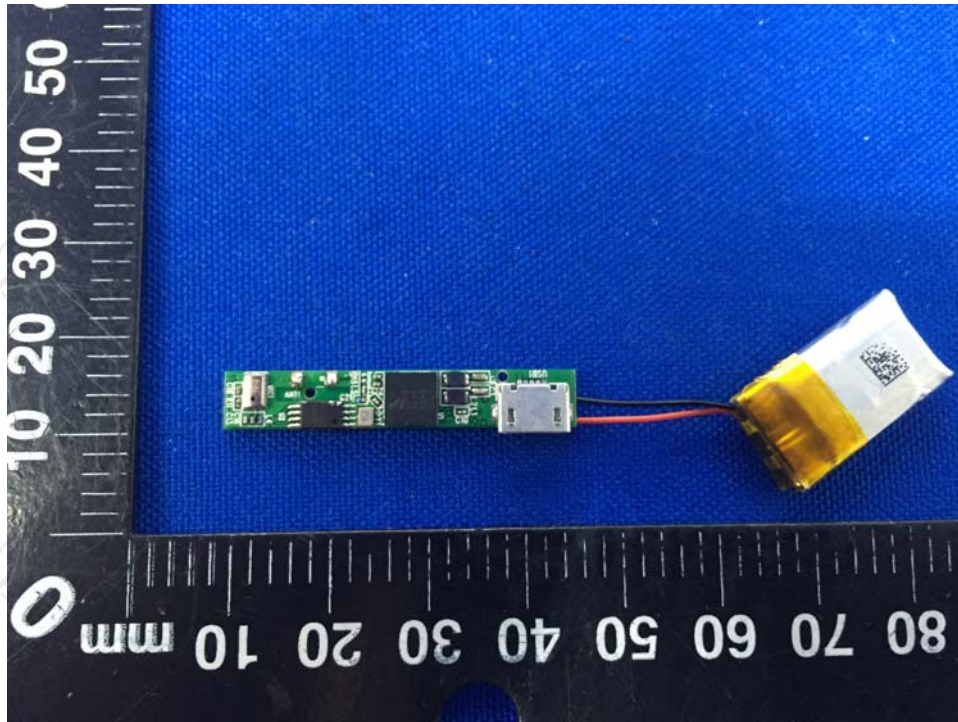






Product: Bluetooth Earphone
Model: BT515E
Internal Photos





*******END OF REPORT*******