

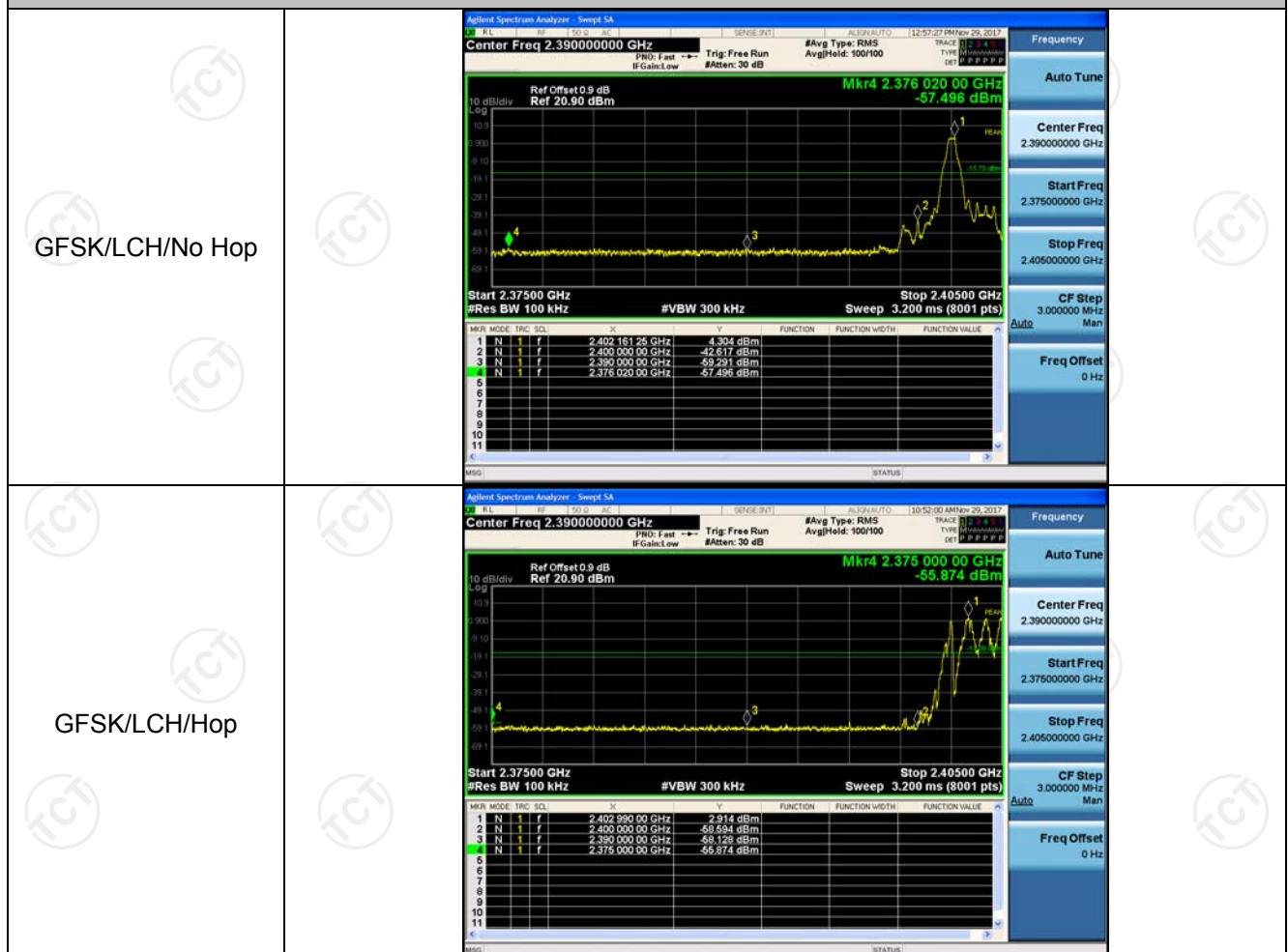
Band-edge for RF Conducted Emissions

Result Table

Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict
GFSK	LCH	2402	4.304	Off	-57.496	-15.7	PASS
			2.914	On	-55.874	-17.09	PASS
GFSK	HCH	2480	5.417	Off	-55.914	-14.58	PASS
			3.989	On	-54.562	-16.01	PASS
$\pi/4$ DQPSK	LCH	2402	1.828	Off	-56.744	-18.17	PASS
			-0.061	On	-56.329	-20.06	PASS
$\pi/4$ DQPSK	HCH	2480	3.335	Off	-53.192	-16.67	PASS
			0.547	On	-55.666	-19.45	PASS
8DPSK	LCH	2402	1.908	Off	-57.225	-18.09	PASS
			1.975	On	-56.630	-18.03	PASS
8DPSK	HCH	2480	3.401	Off	-53.626	-16.6	PASS
			0.913	On	-55.815	-19.09	PASS

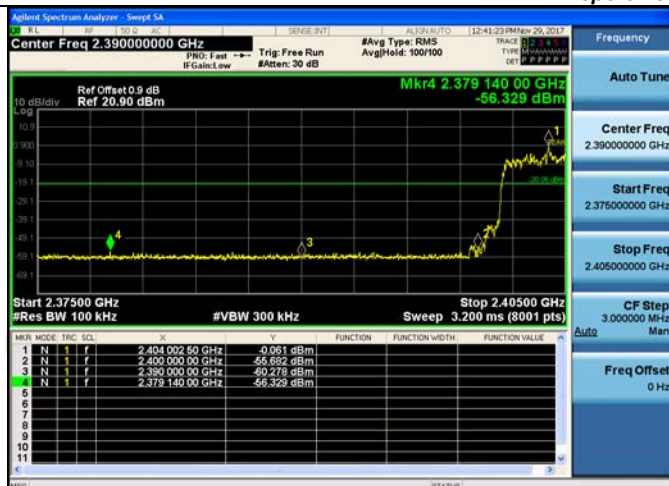
Test Graph

Graphs

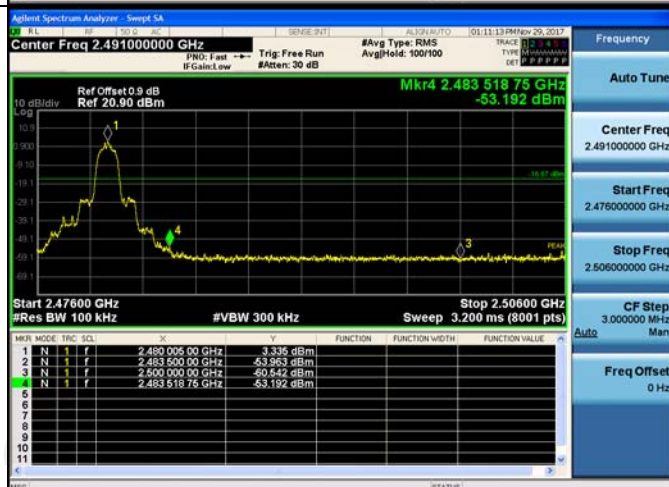


GFSK/HCH/No Hop	Agilent Spectrum Analyzer - Sweep SA Center Freq 2.491000000 GHz Ref Offset 0.9 dB Ref 20.90 dBm Mkr4 2.483 908 75 GHz -55.914 dBm Start 2.47600 GHz #Res BW 100 kHz #VBW 300 kHz Stop 2.50600 GHz Sweep 3.200 ms (8001 pts) <table><tr><th>MNR</th><th>MODE</th><th>TRC</th><th>SCL</th><th>F</th><th>Y</th><th>FUNCTION</th><th>FUNCTION WIDTH</th><th>FUNCTION VALUE</th></tr><tr><td>1</td><td>N</td><td>1</td><td>f</td><td>2.480 158 76 GHz</td><td>5.417 dBm</td><td></td><td></td><td></td></tr><tr><td>2</td><td>N</td><td>1</td><td>f</td><td>2.483 500 00 GHz</td><td>-57.231 dBm</td><td></td><td></td><td></td></tr><tr><td>3</td><td>N</td><td>1</td><td>f</td><td>2.500 000 00 GHz</td><td>-59.461 dBm</td><td></td><td></td><td></td></tr><tr><td>4</td><td>N</td><td>1</td><td>f</td><td>2.483 908 75 GHz</td><td>-55.914 dBm</td><td></td><td></td><td></td></tr></table>	MNR	MODE	TRC	SCL	F	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	2.480 158 76 GHz	5.417 dBm				2	N	1	f	2.483 500 00 GHz	-57.231 dBm				3	N	1	f	2.500 000 00 GHz	-59.461 dBm				4	N	1	f	2.483 908 75 GHz	-55.914 dBm			
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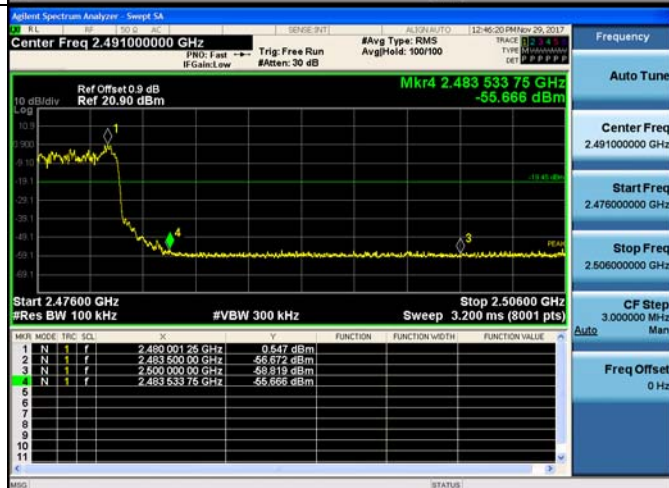
$\pi/4$ DQPSK/LCH/Hop



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



$\pi/4$ DQPSK/HCH/Hop



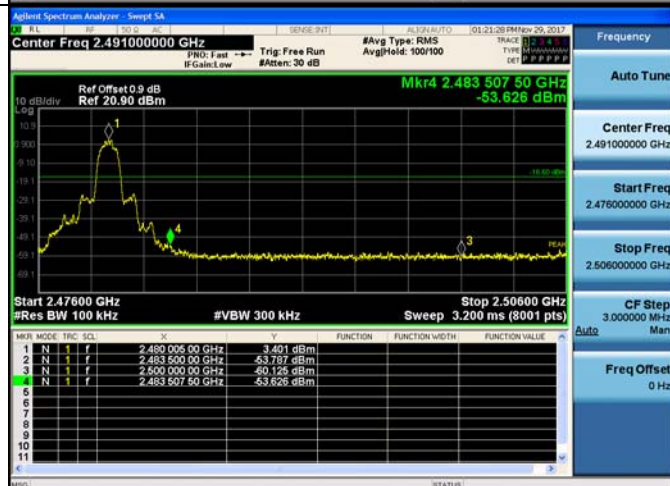
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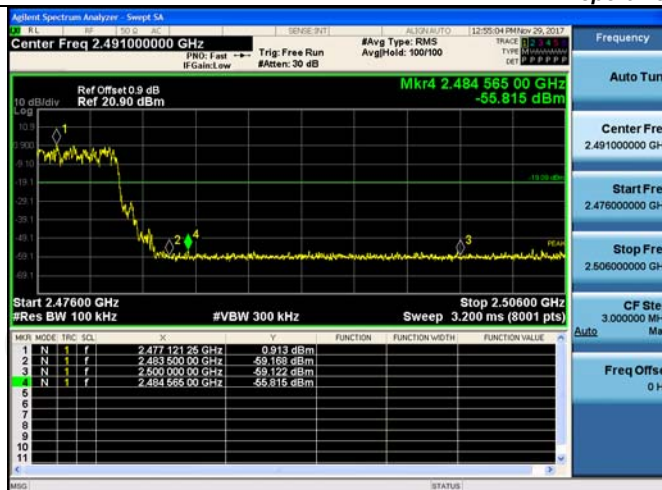
8DPSK/LCH/Hop



8DPSK/HCH/No Hop



8DPSK/HCH/Hop

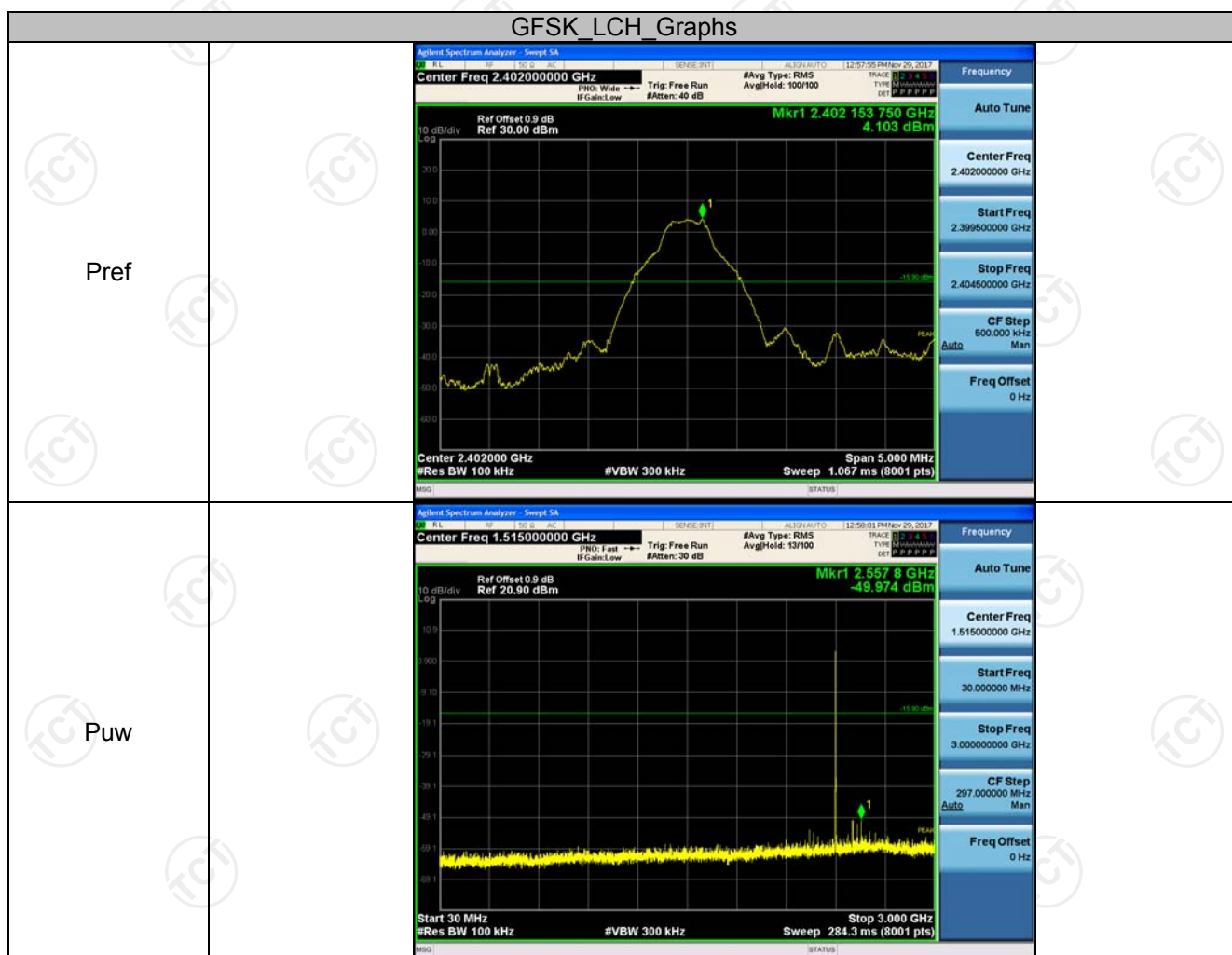


RF Conducted Spurious Emissions

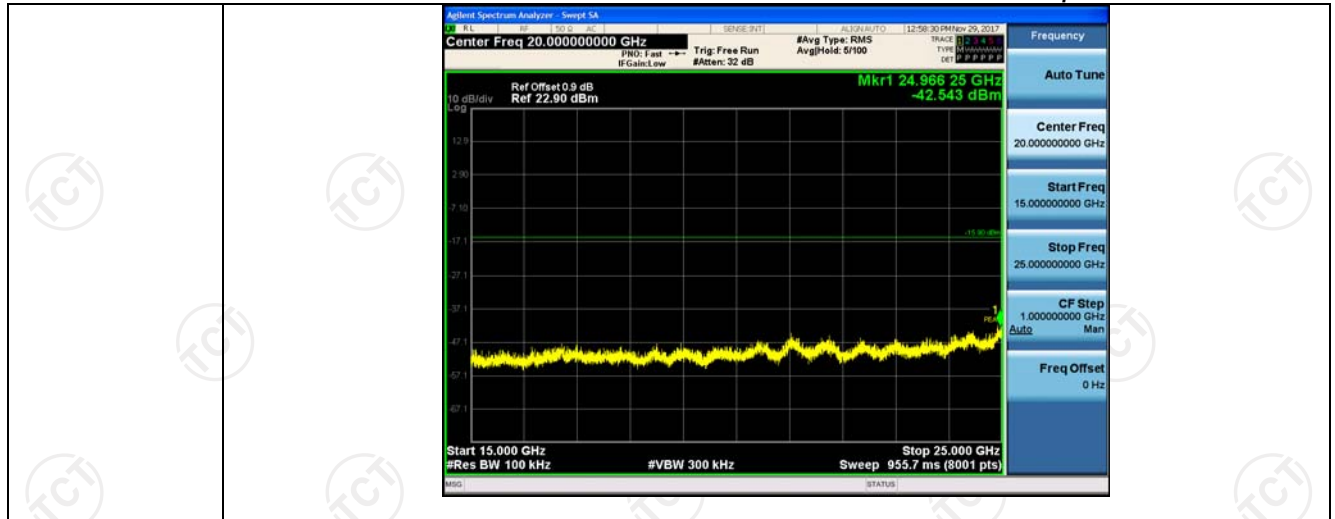
Result Table

Mode	Channel	Pref [dBm]	Puw [dBm]	Verdict
GFSK	LCH	4.103	<Limit	PASS
GFSK	MCH	5.513	<Limit	PASS
GFSK	HCH	5.361	<Limit	PASS
$\pi/4$ DQPSK	LCH	1.738	<Limit	PASS
$\pi/4$ DQPSK	MCH	3.62	<Limit	PASS
$\pi/4$ DQPSK	HCH	3.269	<Limit	PASS
8DPSK	LCH	1.805	<Limit	PASS
8DPSK	MCH	3.818	<Limit	PASS
8DPSK	HCH	3.21	<Limit	PASS

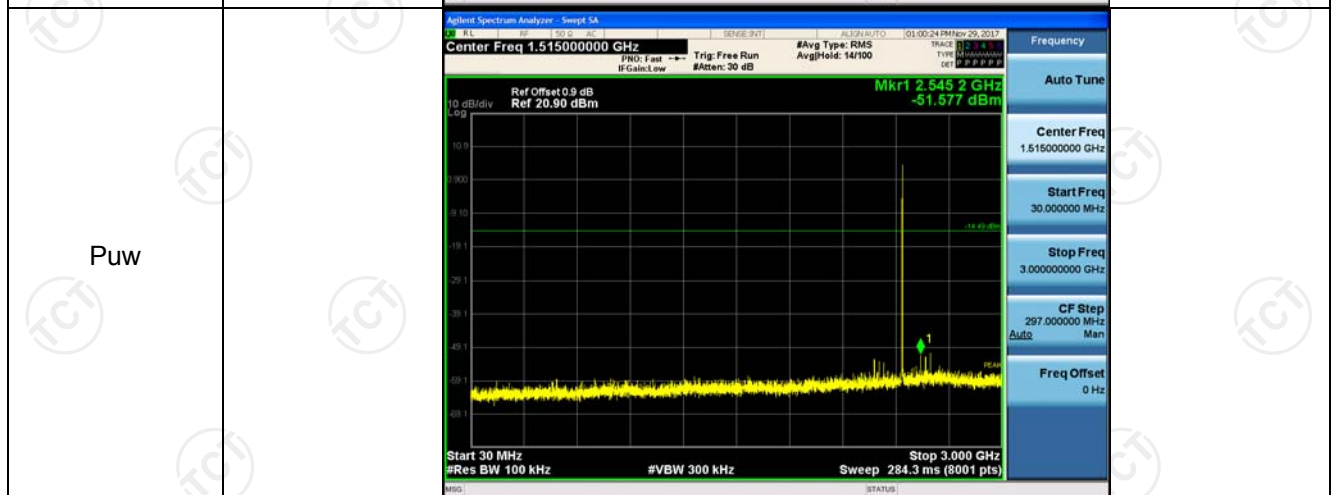
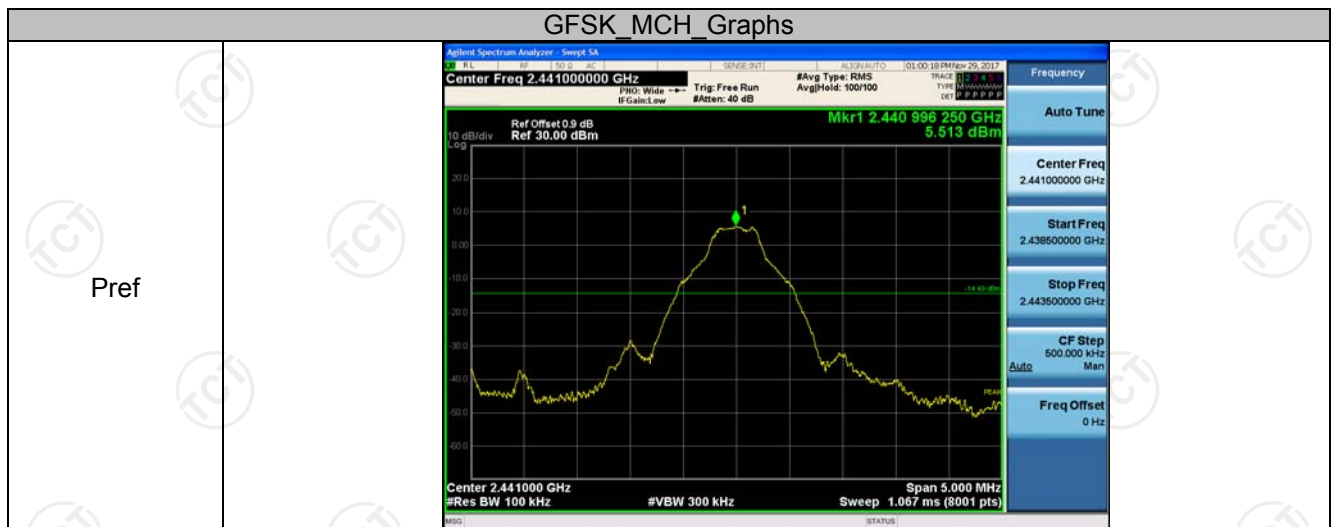
Test Graph

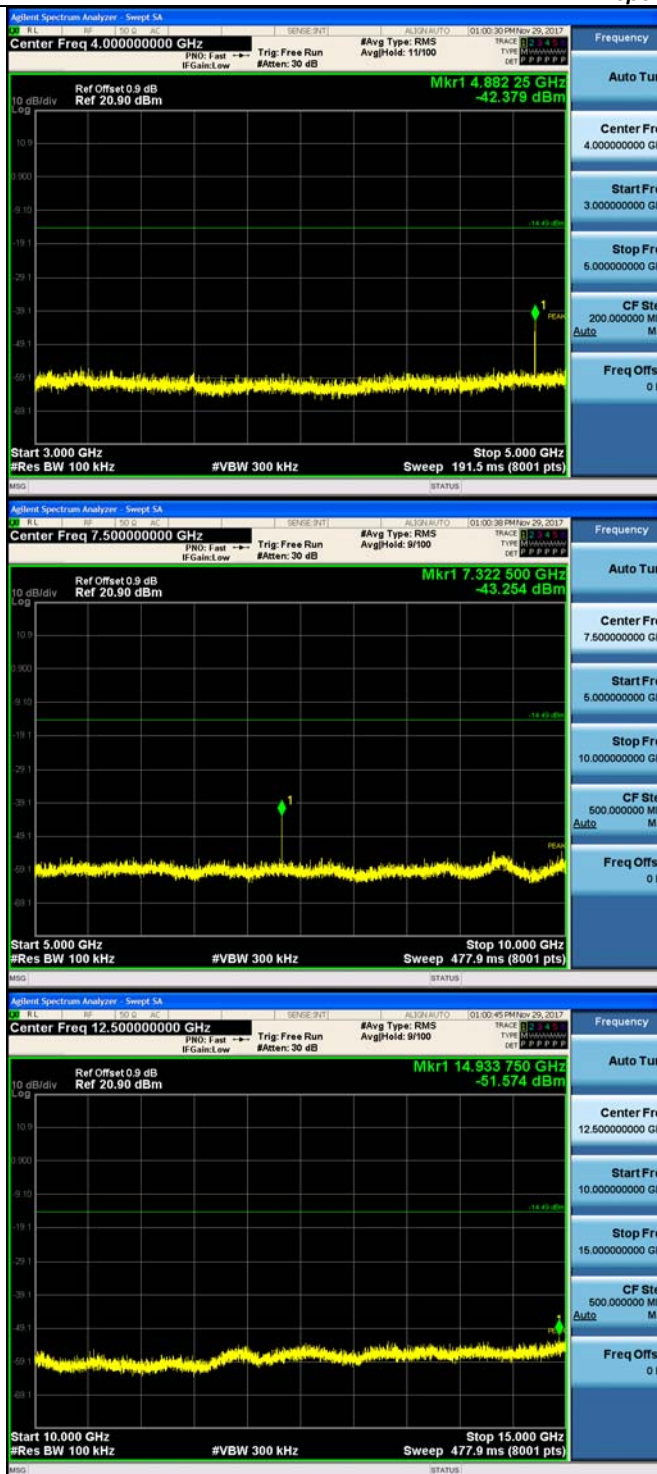


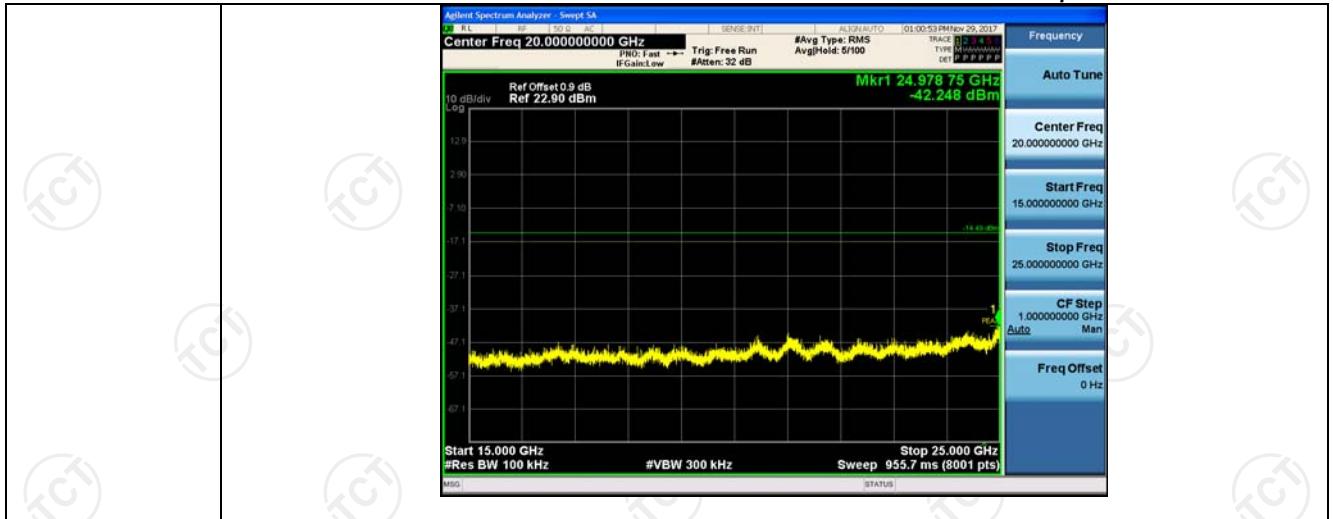




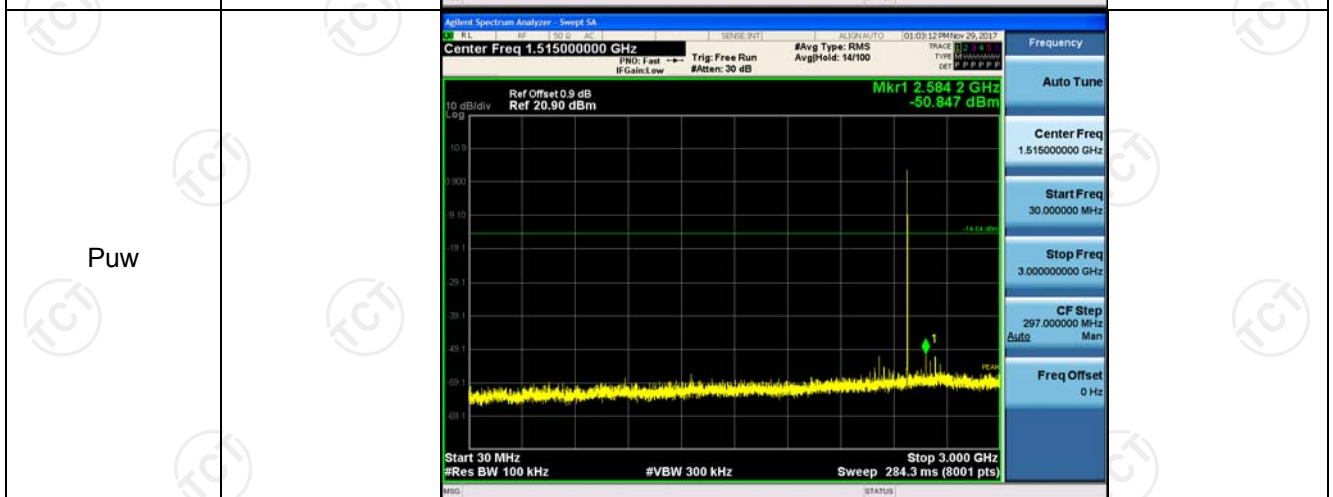
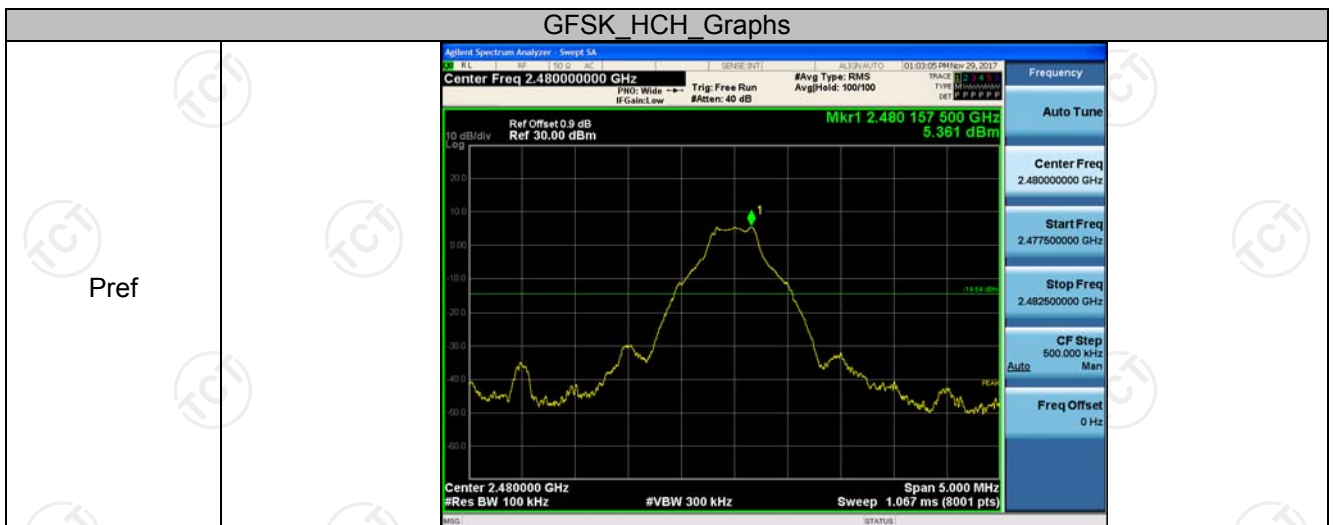
GFSK_MCH_Graphs

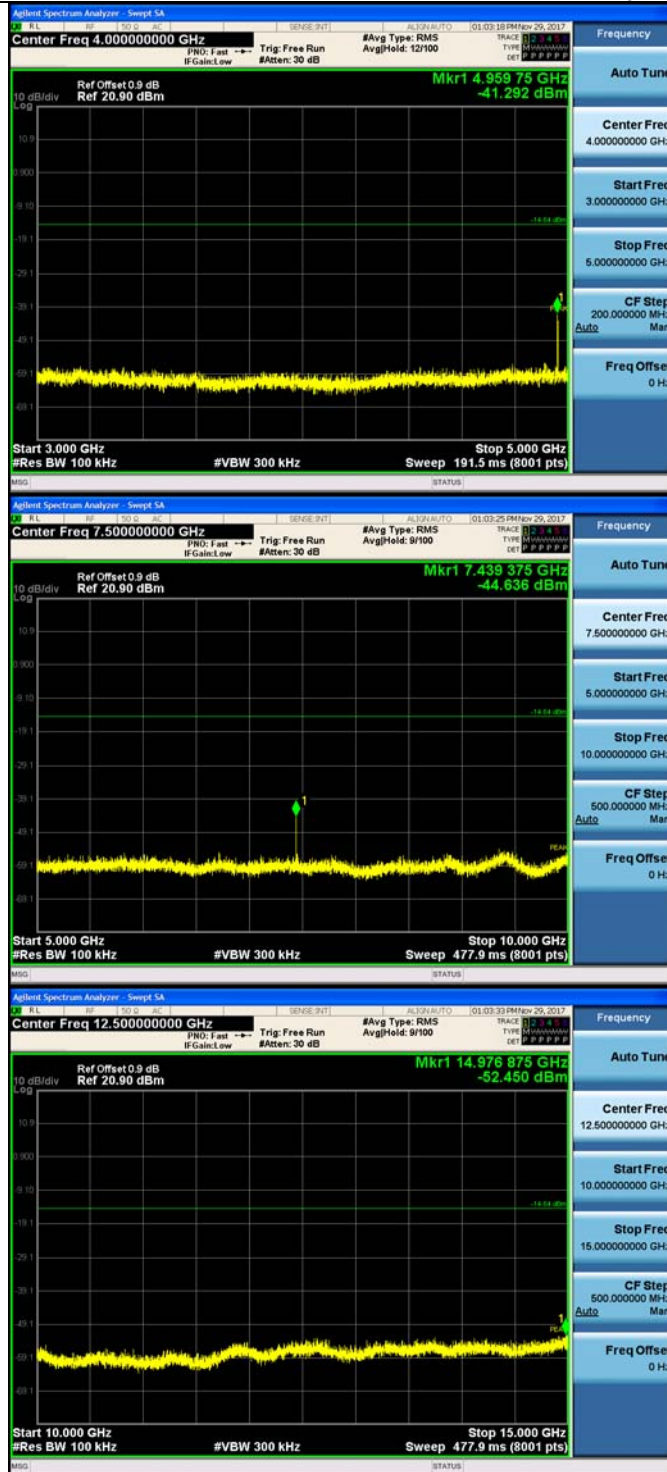


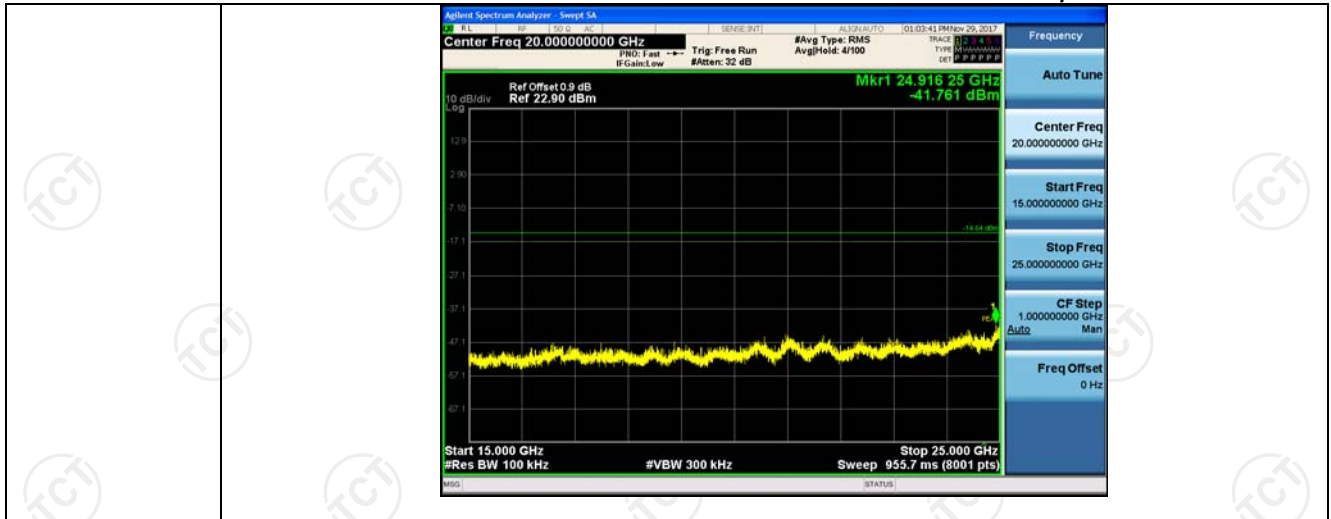




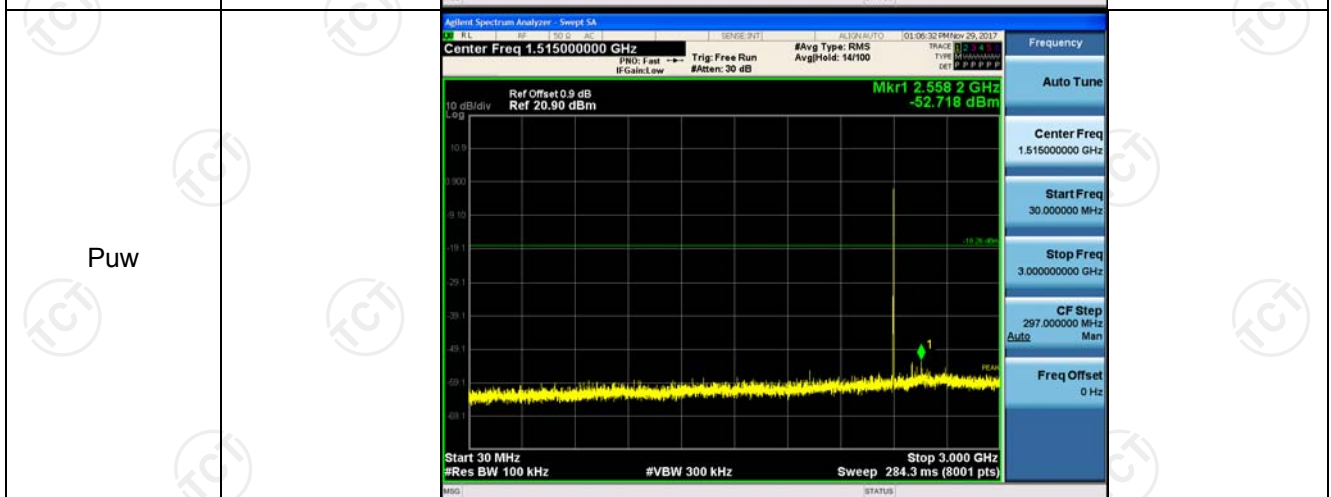
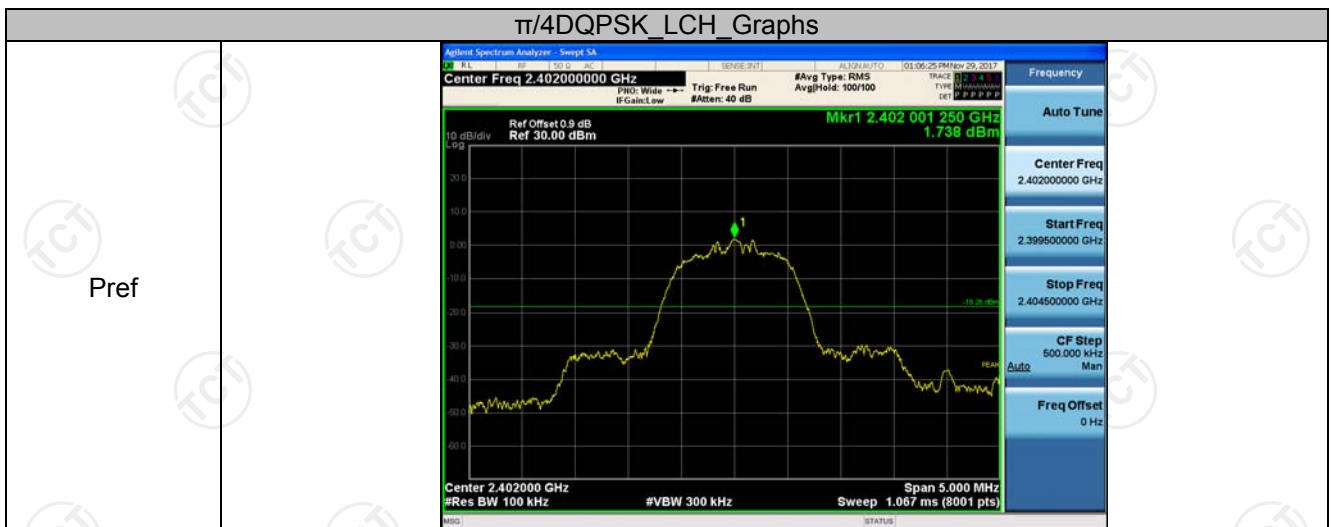
GFSK HCH_Graphs

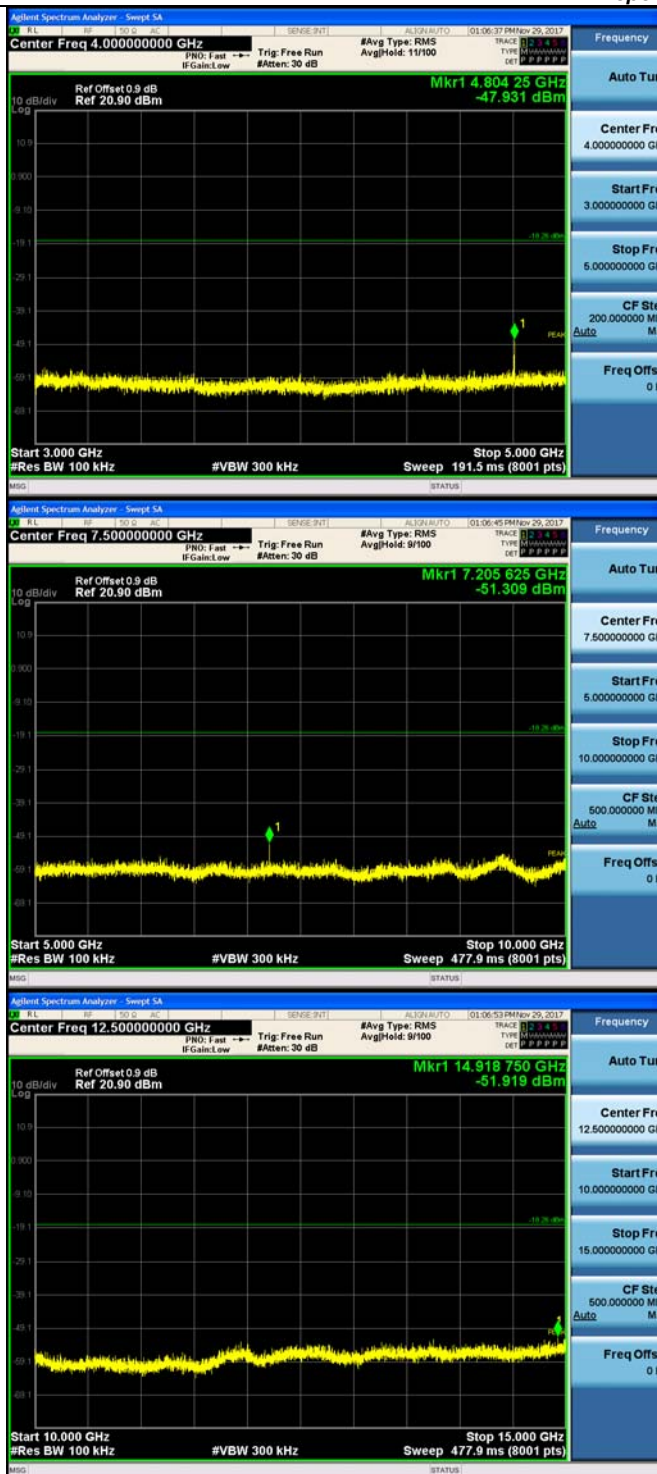


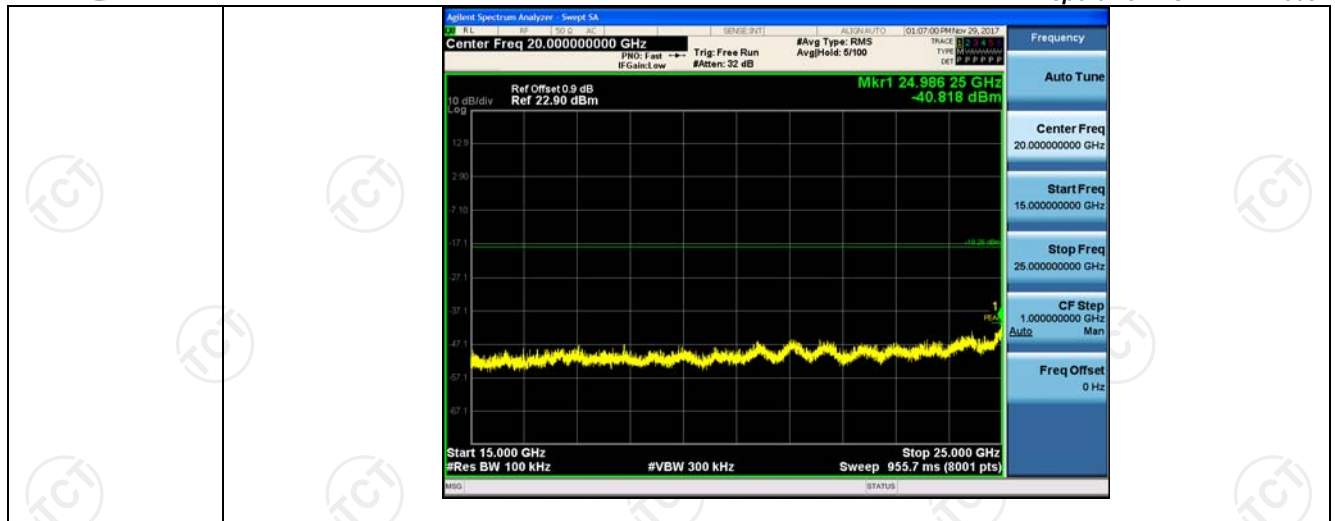




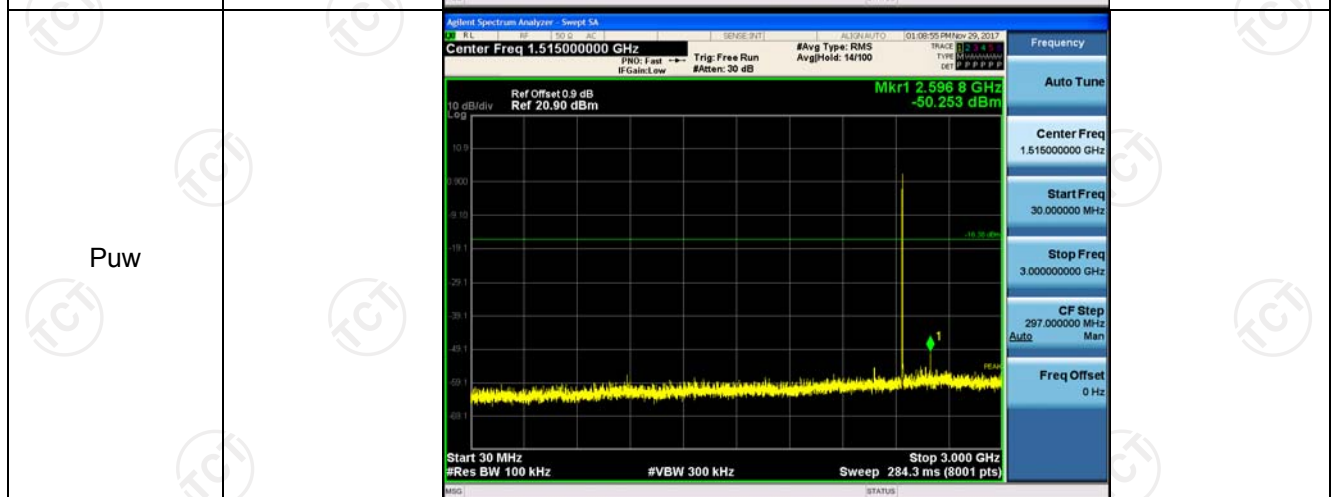
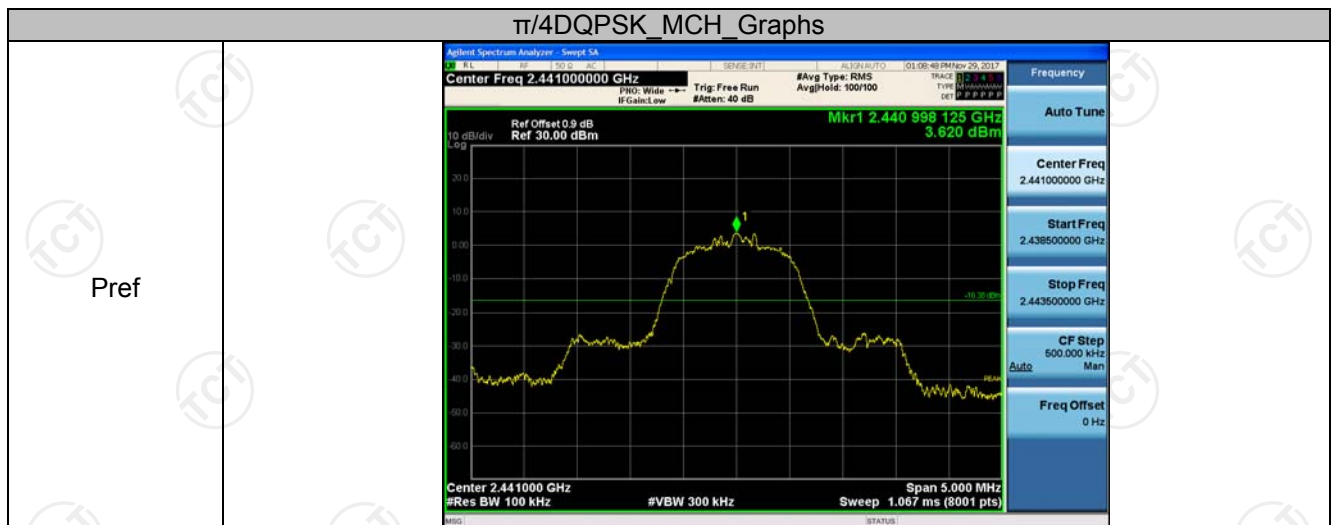
$\pi/4$ DQPSK LCH_Graphs

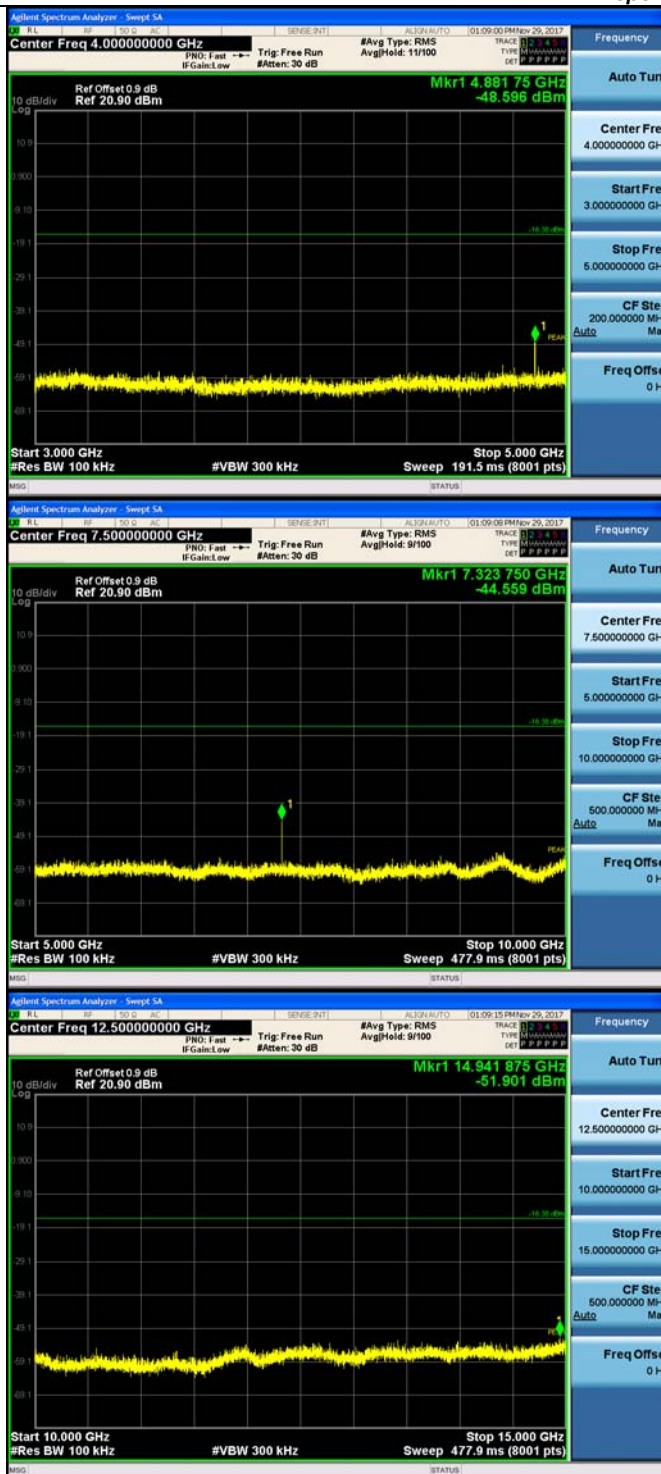


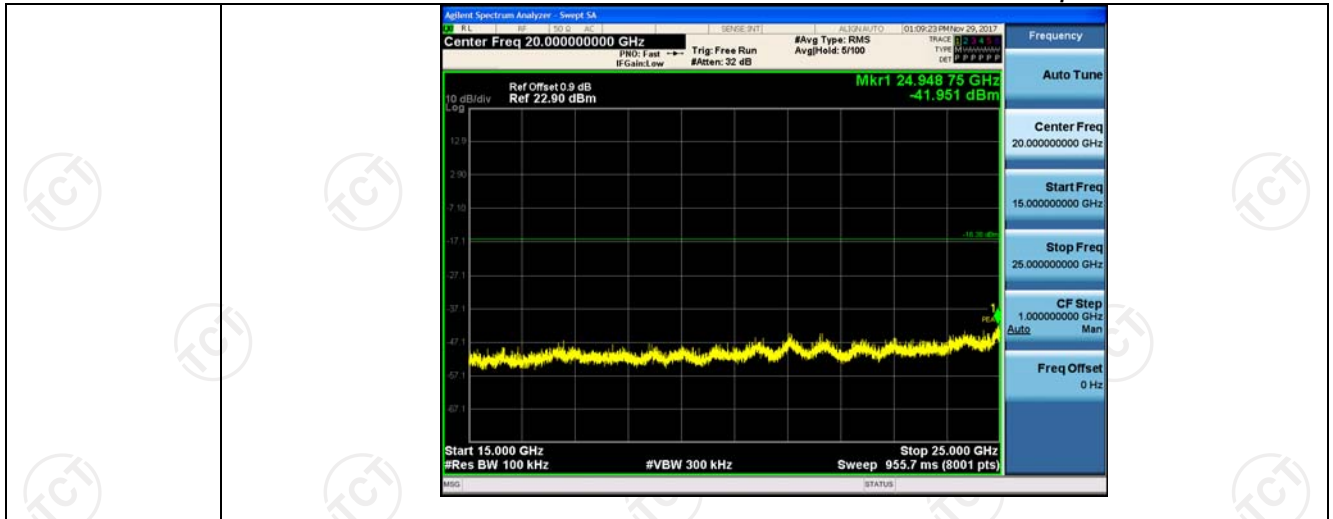




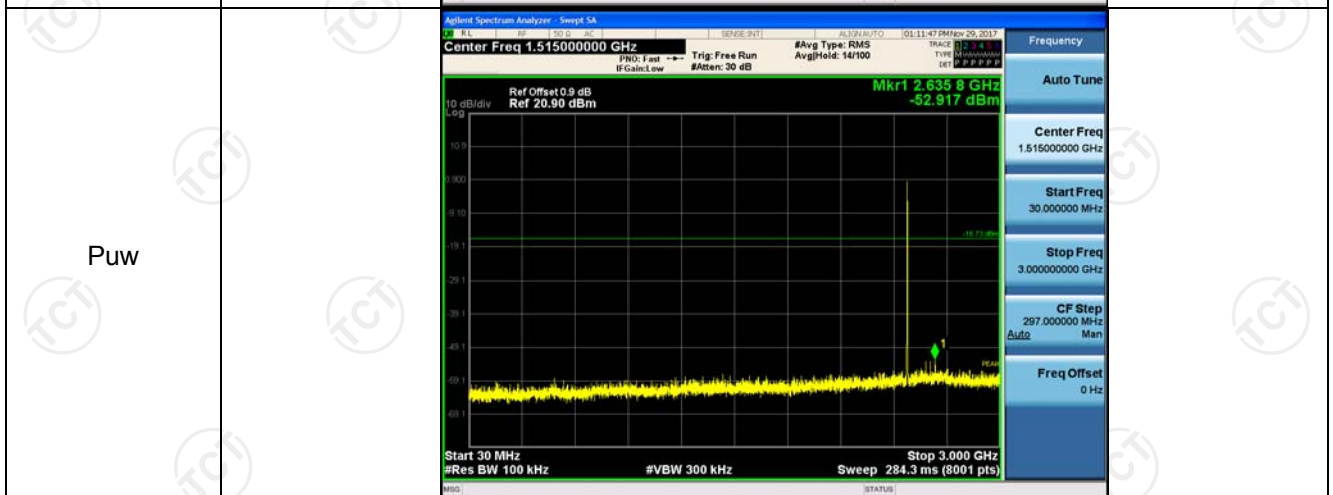
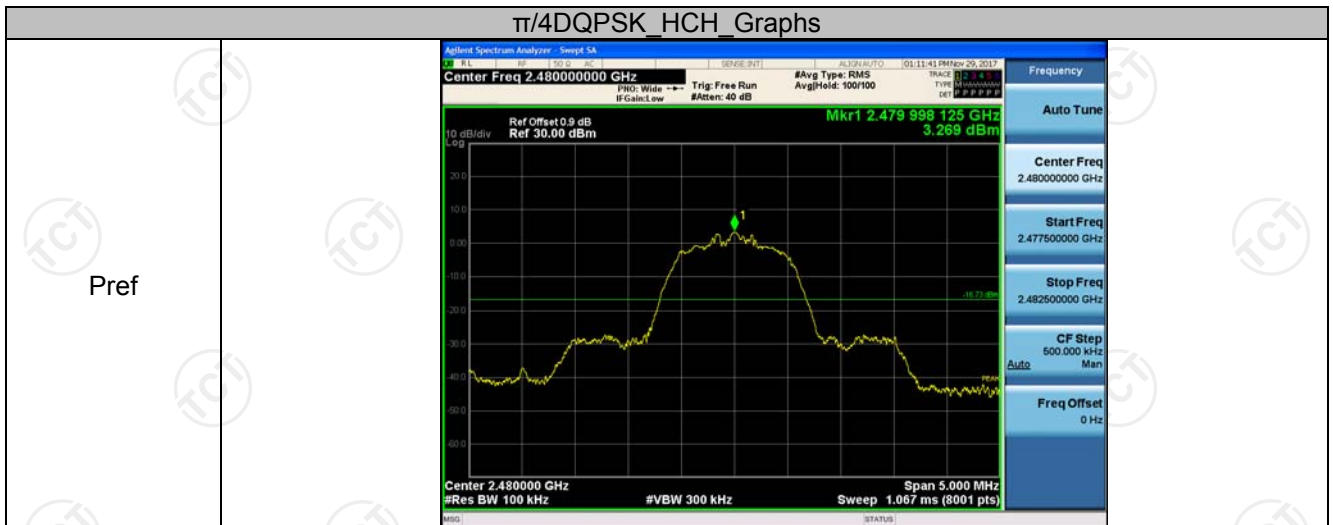
$\pi/4$ DQPSK_MCH_Graphs

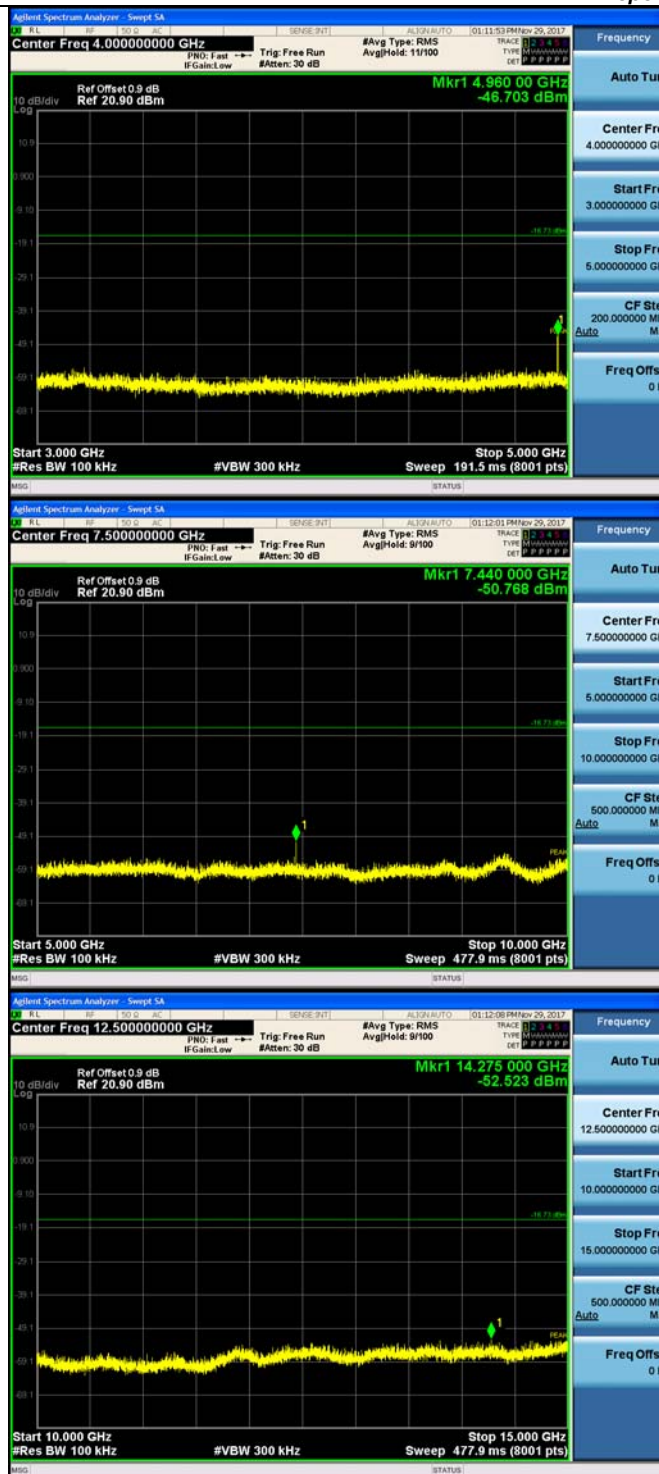


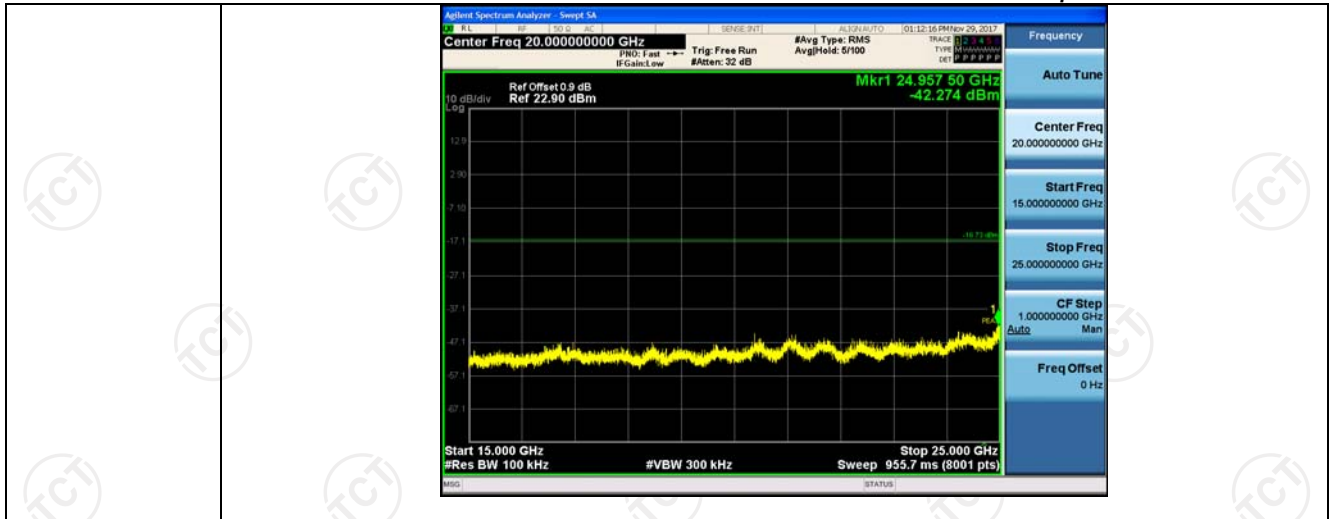




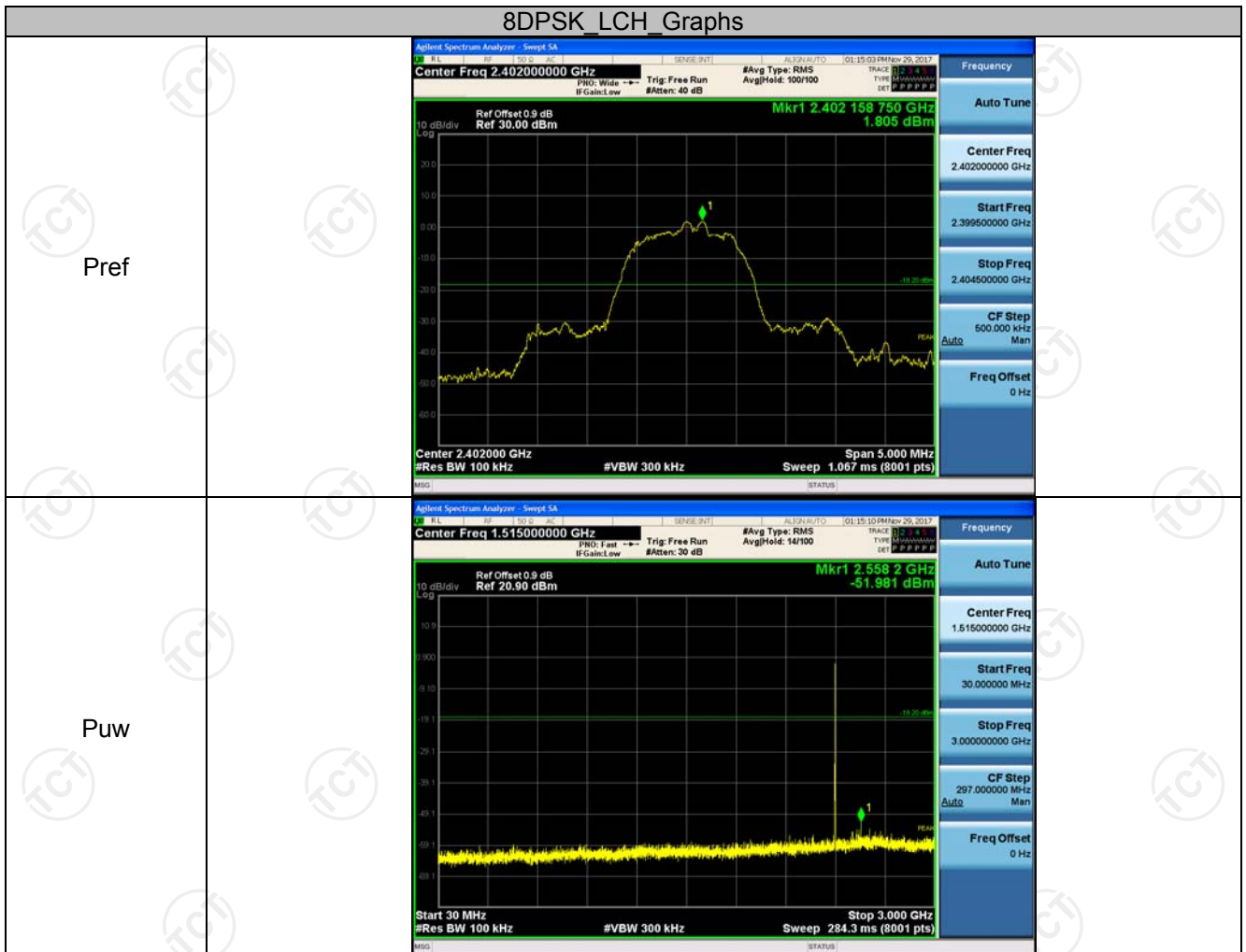
$\pi/4$ DQPSK_HCH_Graphs

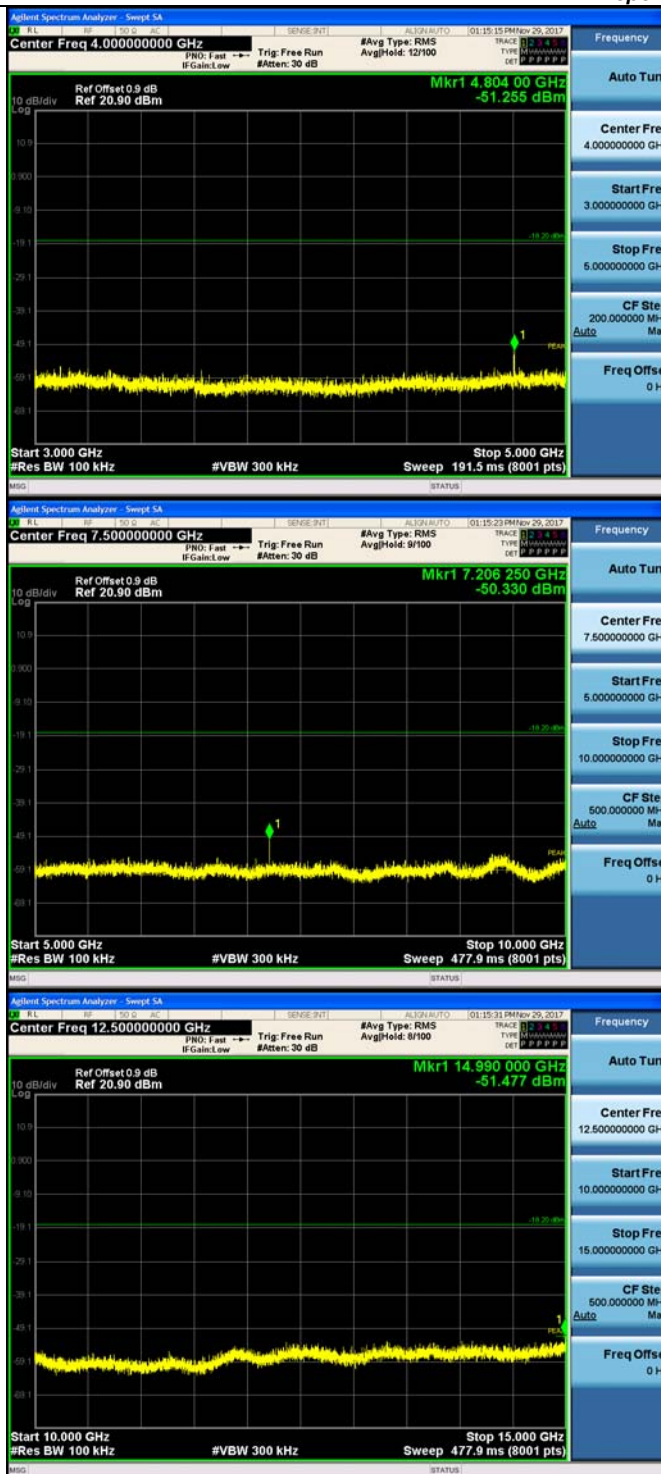


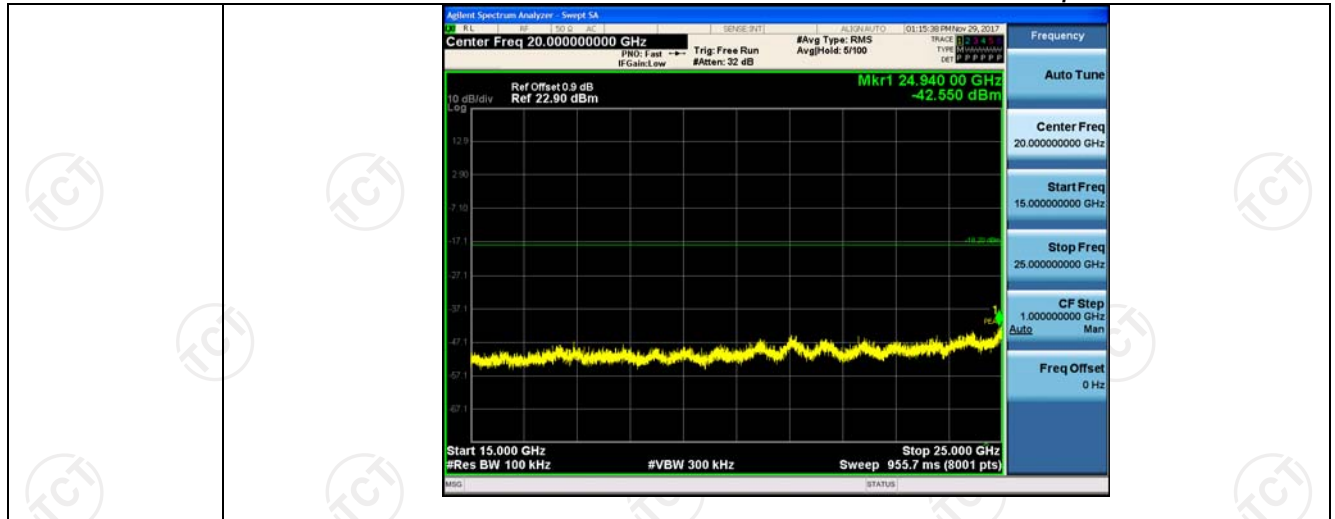




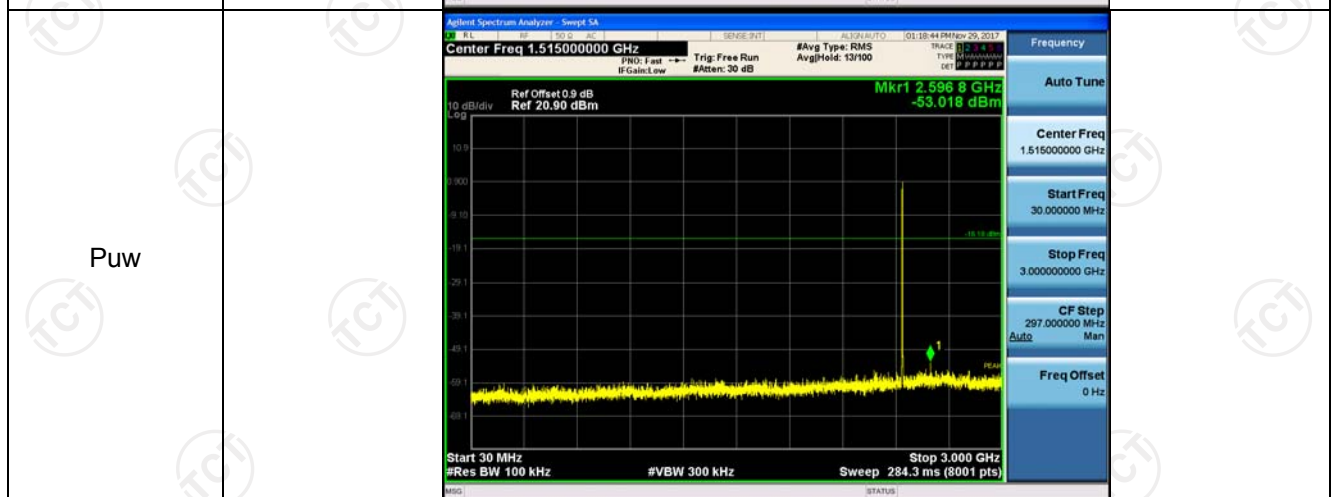
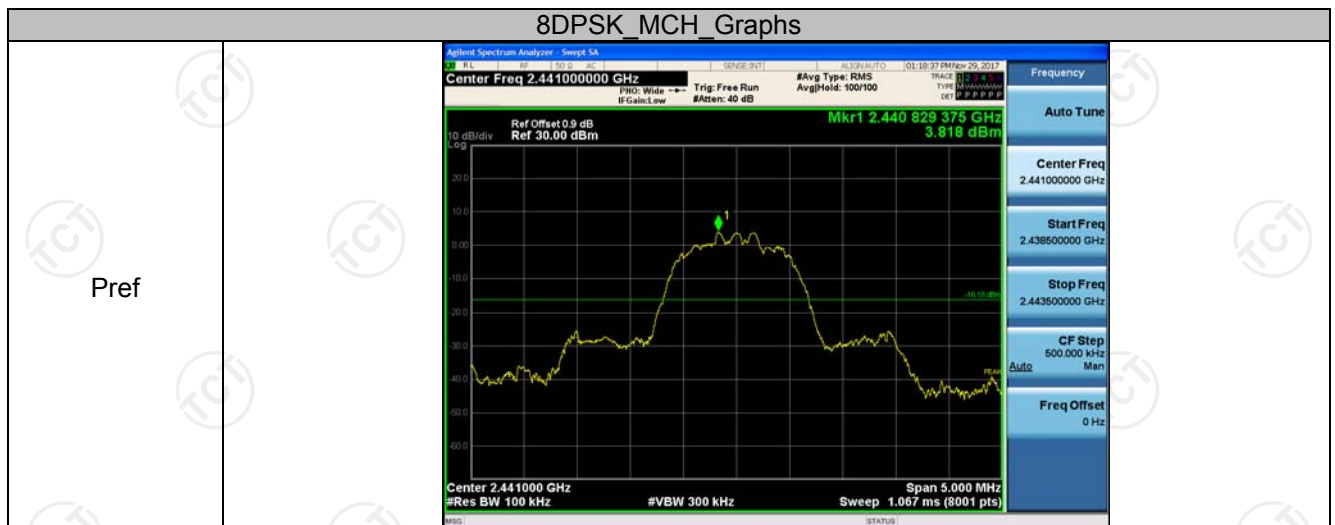
8DPSK_LCH_Graphs

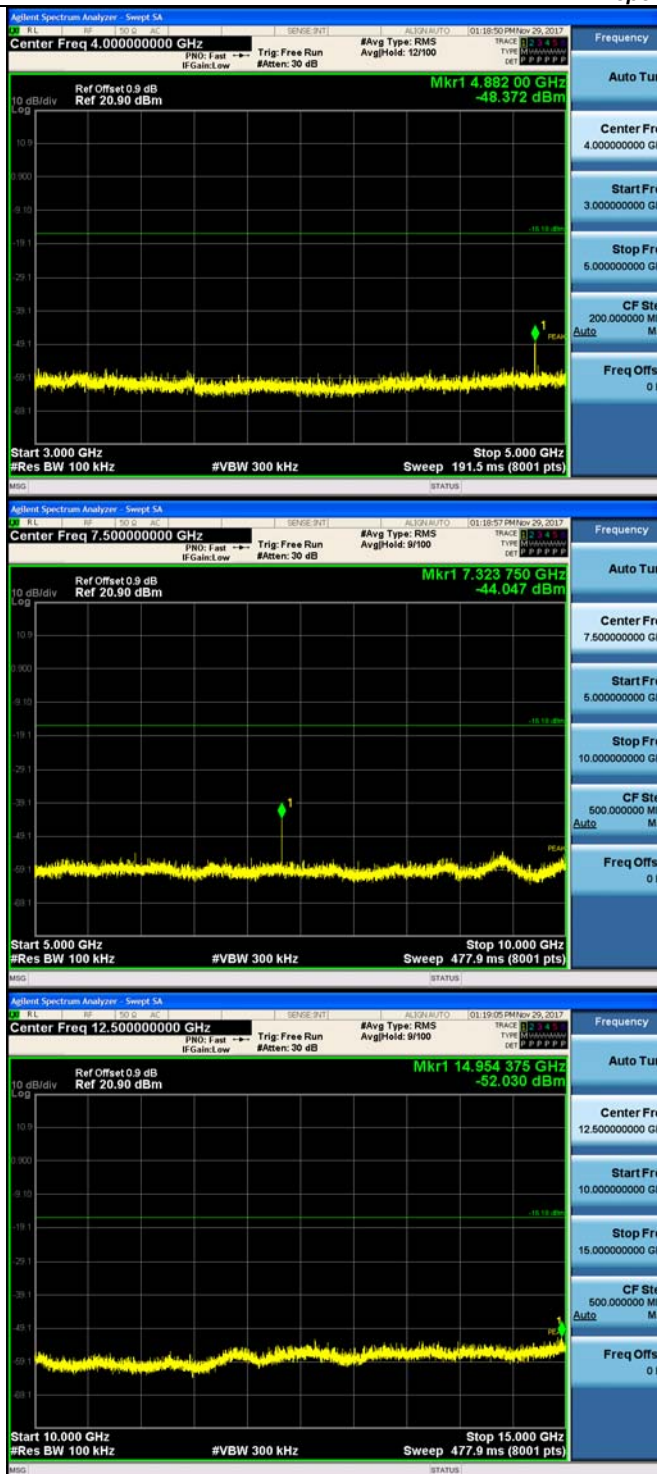


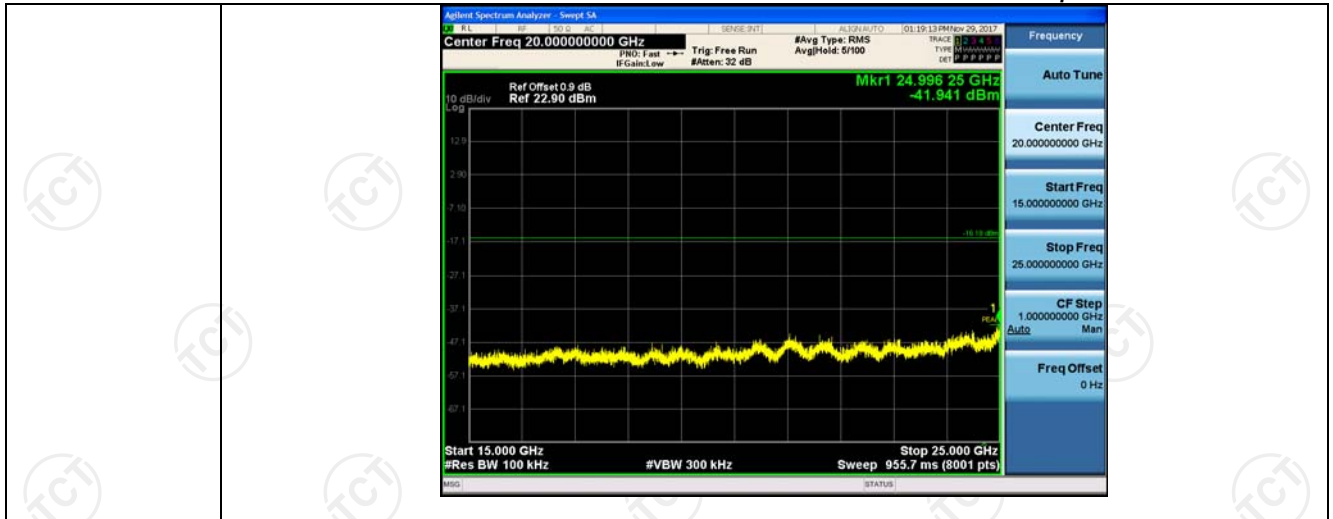




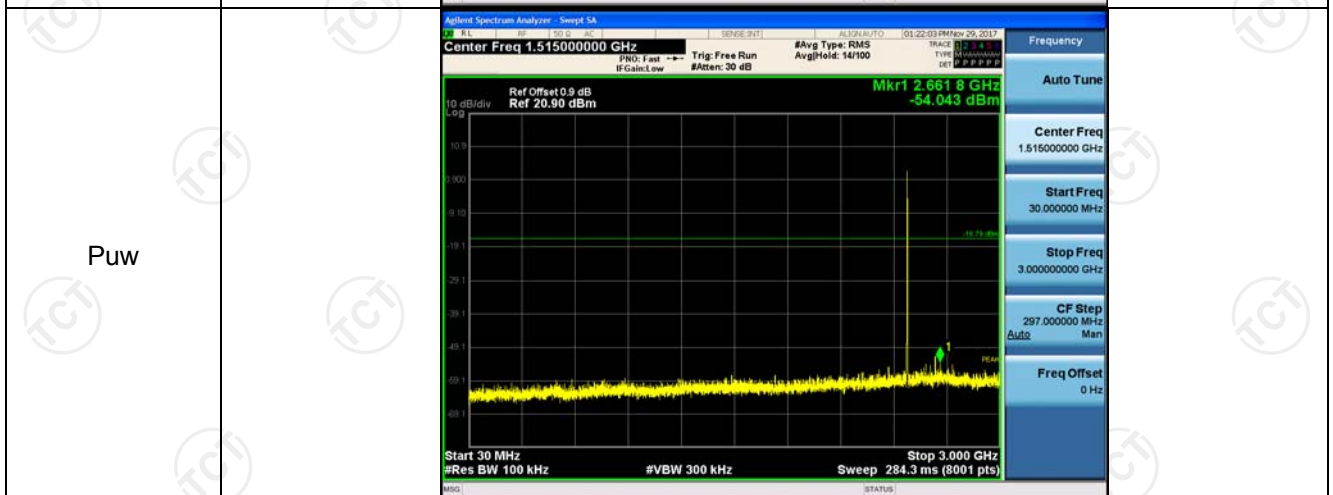
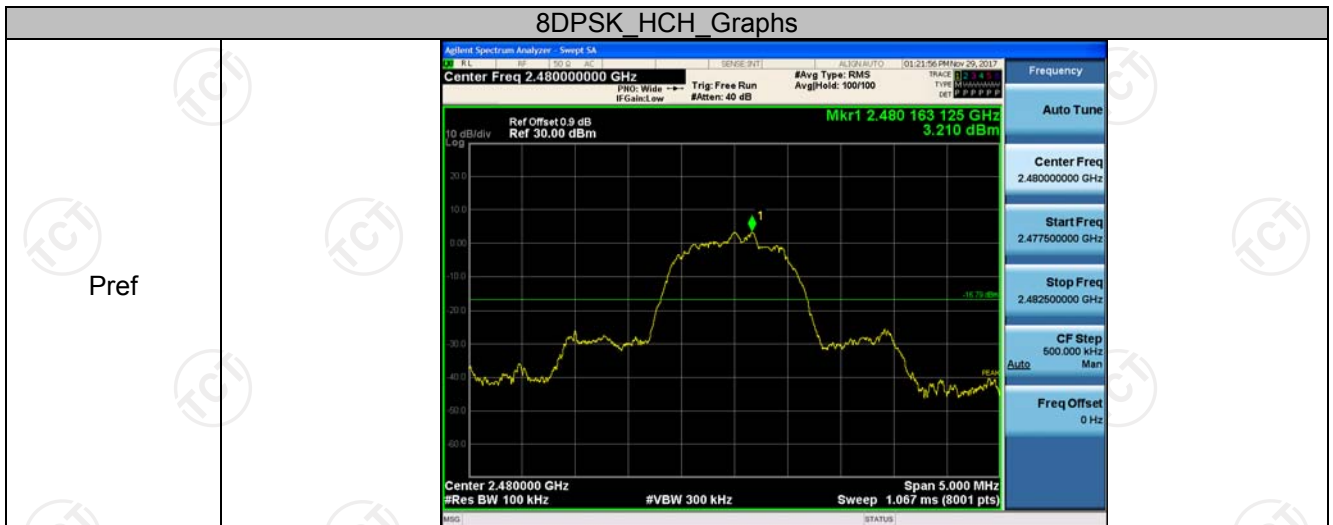
8DPSK_MCH_Graphs

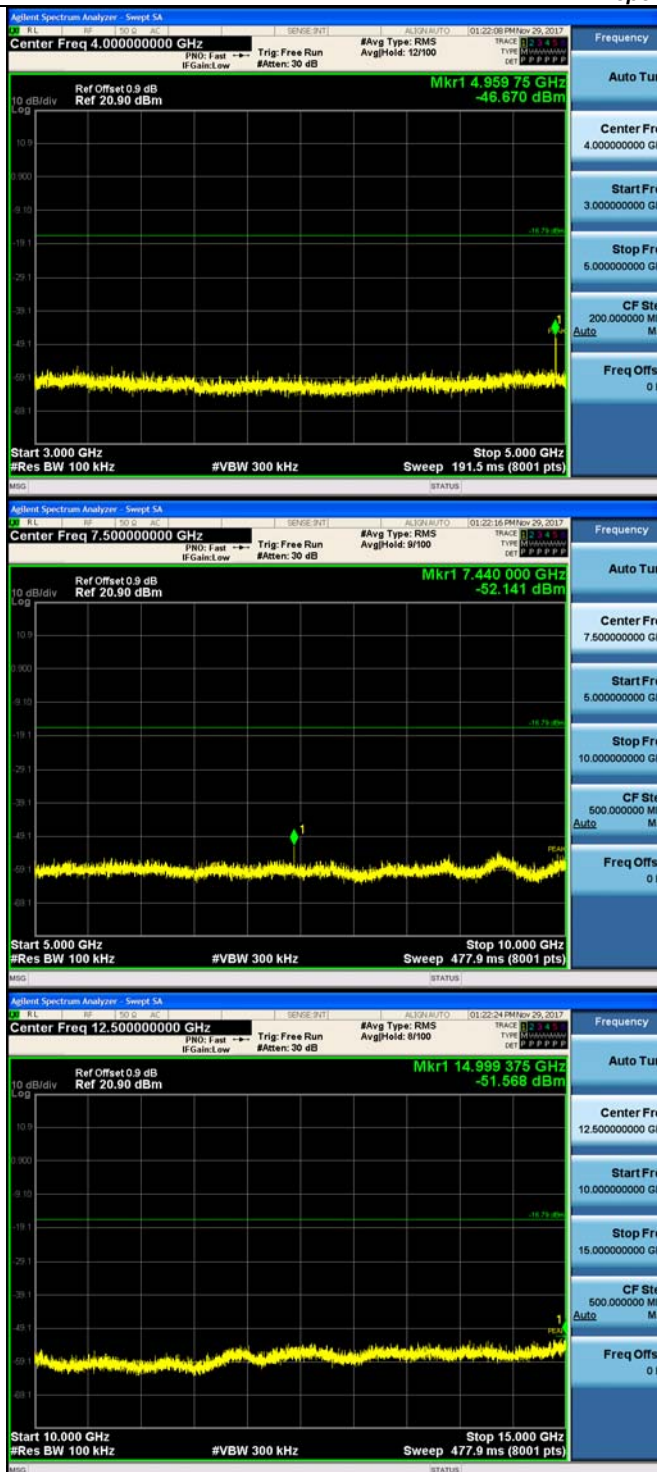


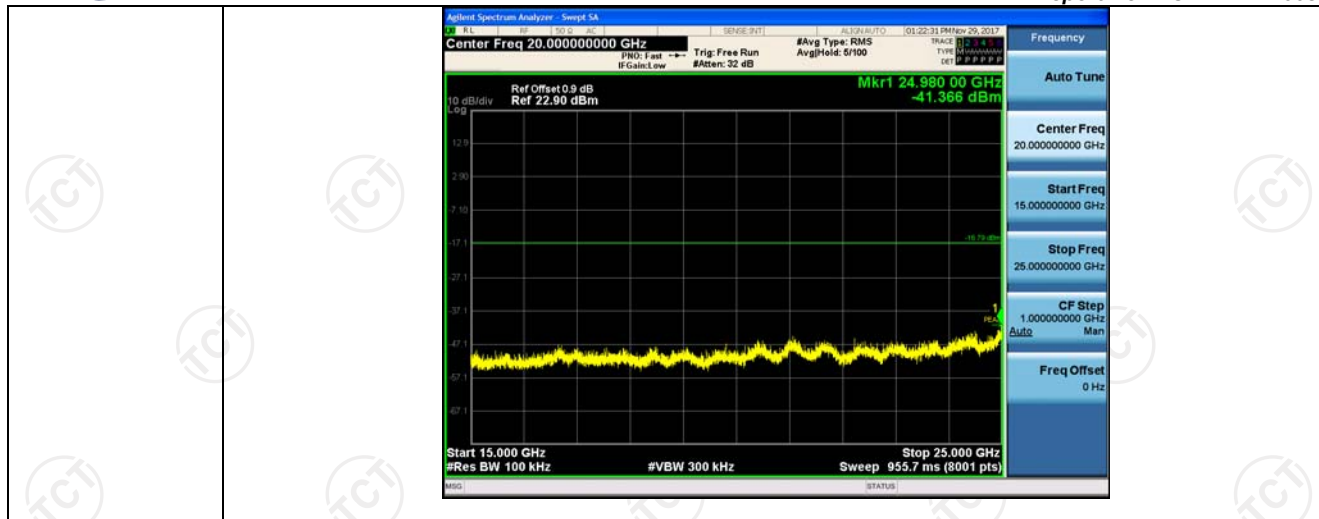




8DPSK_HCH_Graphs





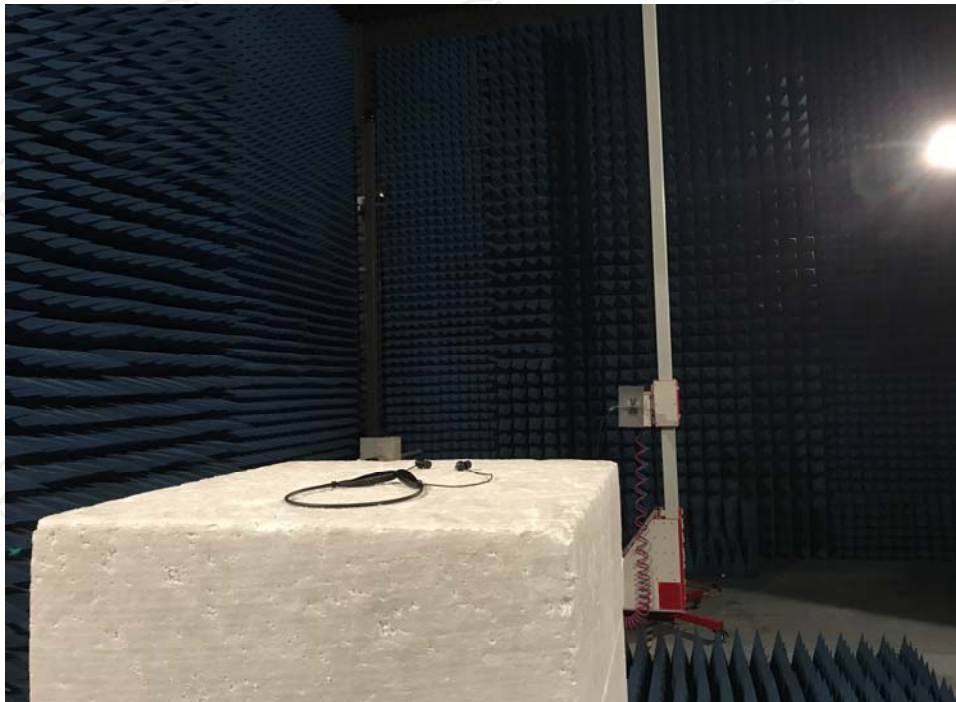
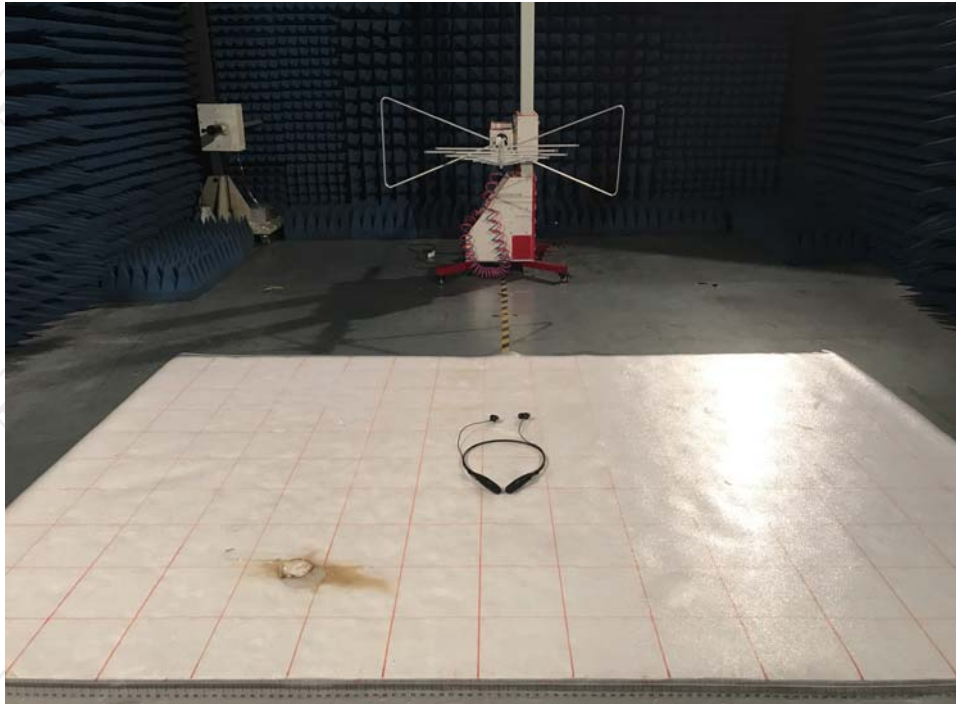


Appendix B: Photographs of Test Setup

Product: Bluetooth Headset

Model: QY25 Plus

Radiated Emission



CE



Appendix C: Photographs of EUT

Product: Bluetooth Headset

Model: QY25 Plus

External Photos



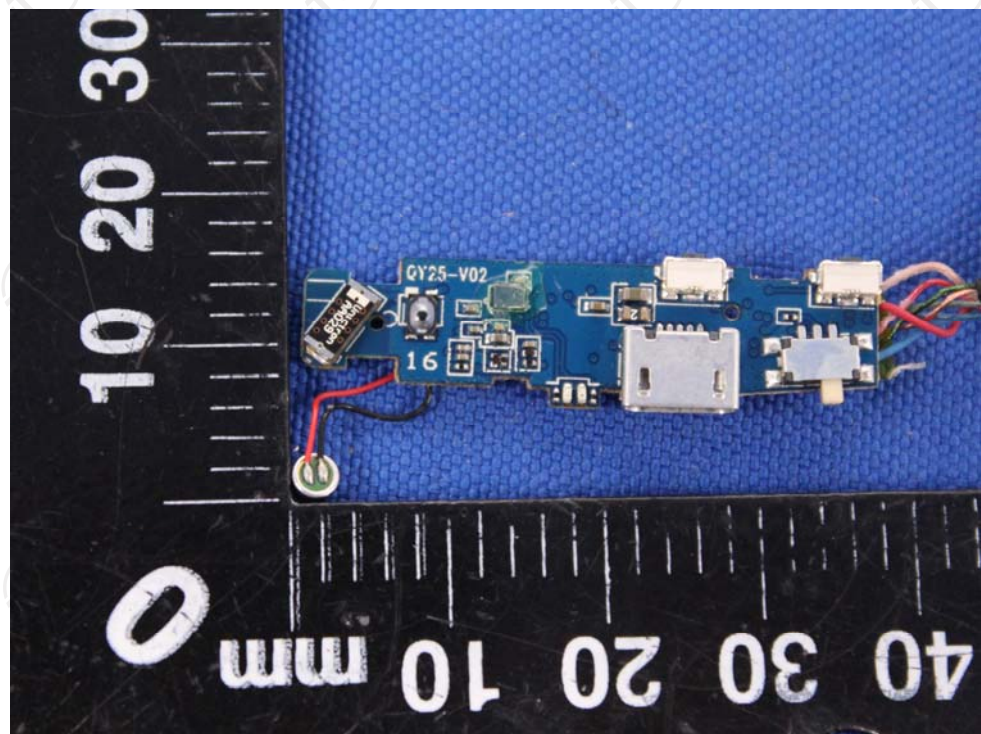


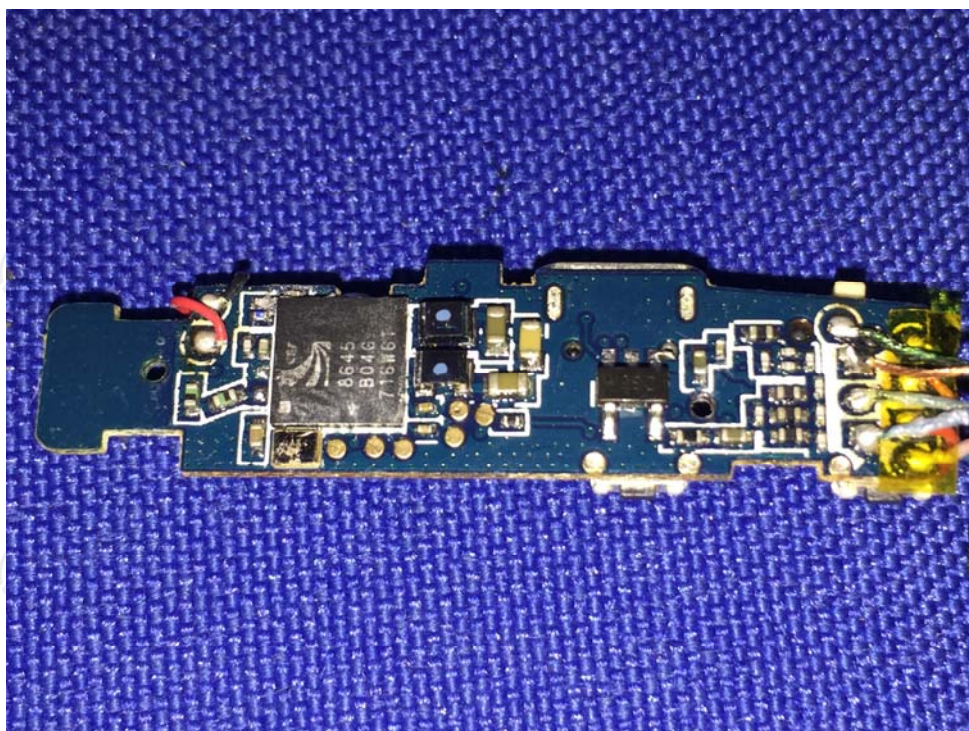






Product: Bluetooth Headset
Model: QY25 Plus
Internal Photos







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