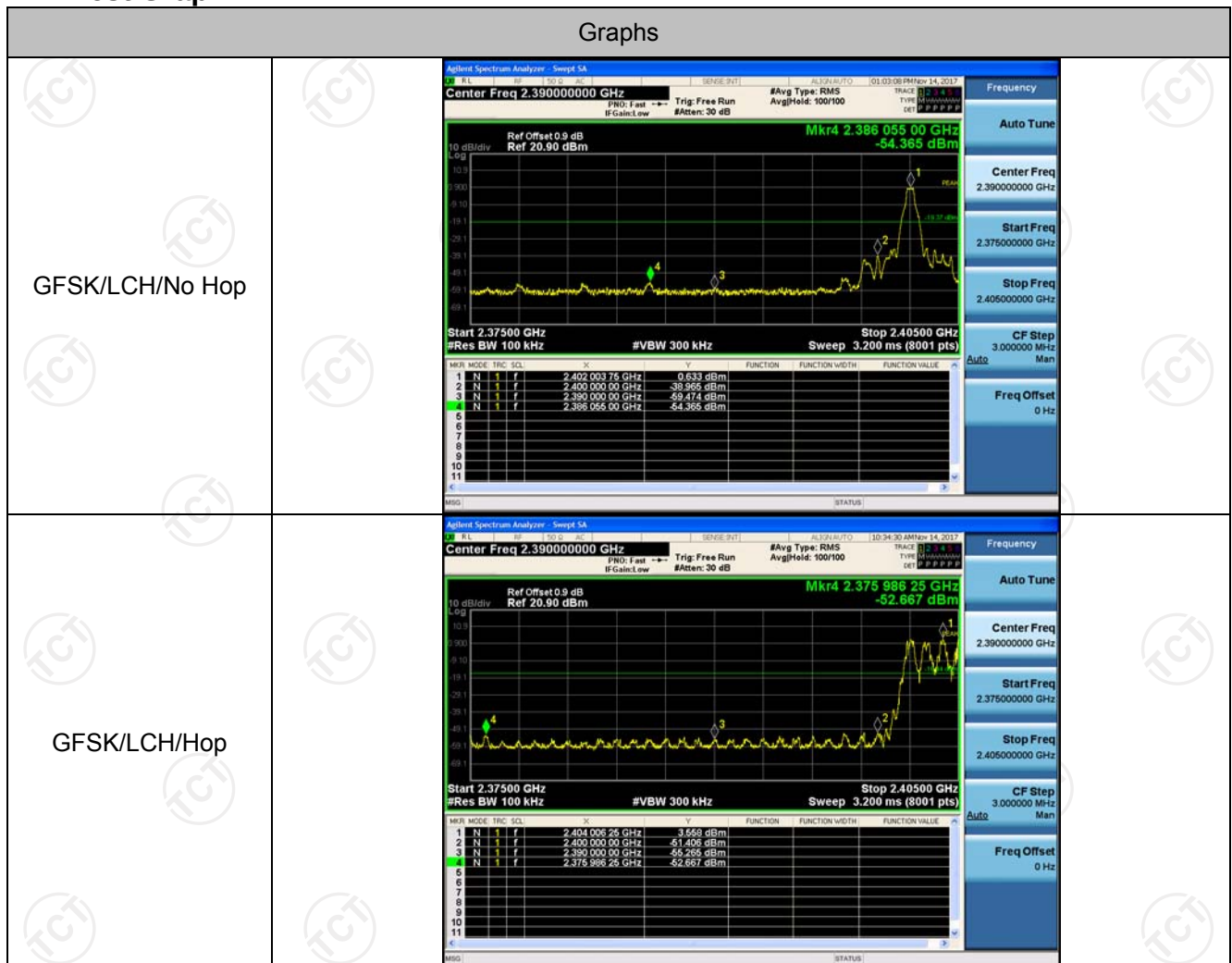


Band-edge for RF Conducted Emissions

Result Table

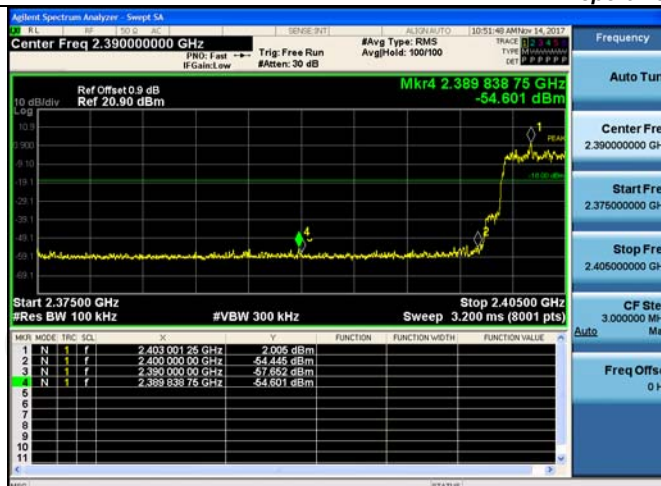
Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict
GFSK	LCH	2402	0.633	Off	-54.365	-19.37	PASS
			3.558	On	-52.667	-16.44	PASS
GFSK	HCH	2480	2.101	Off	-46.591	-17.9	PASS
			4.997	On	-46.690	-15	PASS
$\pi/4$ DQPSK	LCH	2402	-0.386	Off	-55.744	-20.39	PASS
			2.005	On	-54.601	-18	PASS
$\pi/4$ DQPSK	HCH	2480	1.676	Off	-43.233	-18.32	PASS
			4.077	On	-50.442	-15.92	PASS
8DPSK	LCH	2402	-0.241	Off	-54.672	-20.24	PASS
			3.560	On	-53.841	-16.44	PASS
8DPSK	HCH	2480	1.622	Off	-41.295	-18.38	PASS
			4.810	On	-38.911	-15.19	PASS

Test Graph



GFSK/HCH/No Hop	Agilent Spectrum Analyzer - Sweep SA Center Freq 2.491000000 GHz Ref Offset 0.9 dB Ref 20.90 dBm Mkr4 2.484 002 50 GHz -46.591 dBm Start 2.47600 GHz #Res BW 100 kHz #VBW 300 kHz Stop 2.50600 GHz Sweep 3.200 ms (8001 pts) <table><thead><tr><th>MNR</th><th>MODE</th><th>TRC</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>2.480 158 76 GHz</td><td>-2.101 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>-52.238 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>-54.912 dBm</td><td></td><td></td><td></td></tr><tr><td>4</td><td>N</td><td>1</td><td>f</td><td>2.484 002 50 GHz</td><td>-46.591 dBm</td><td></td><td></td><td></td></tr></tbody></table> Frequency Auto Tune Center Freq 2.491000000 GHz Start Freq 2.476000000 GHz Stop Freq 2.506000000 GHz CF Step 3.000000 MHz Man Auto Freq Offset 0 Hz	MNR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	2.480 158 76 GHz	-2.101 dBm				2	N	1	f	2.483 500 00 GHz	-52.238 dBm				3	N	1	f	2.500 000 00 GHz	-54.912 dBm				4	N	1	f	2.484 002 50 GHz	-46.591 dBm			
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GFSK/HCH/Hop	Agilent Spectrum Analyzer - Sweep SA Center Freq 2.491000000 GHz Ref Offset 0.9 dB Ref 20.90 dBm Mkr4 2.484 002 50 GHz -46.690 dBm Start 2.47600 GHz #Res BW 100 kHz #VBW 300 kHz Stop 2.50600 GHz Sweep 3.200 ms (8001 pts) <table><thead><tr><th>MNR</th><th>MODE</th><th>TRC</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>2.476 165 00 GHz</td><td>-4.997 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>-56.497 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>-51.843 dBm</td><td></td><td></td><td></td></tr><tr><td>4</td><td>N</td><td>1</td><td>f</td><td>2.484 002 50 GHz</td><td>-46.690 dBm</td><td></td><td></td><td></td></tr></tbody></table> Frequency Auto Tune Center Freq 2.491000000 GHz Start Freq 2.476000000 GHz Stop Freq 2.506000000 GHz CF Step 3.000000 MHz Man Auto Freq Offset 0 Hz	MNR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	2.476 165 00 GHz	-4.997 dBm				2	N	1	f	2.483 500 00 GHz	-56.497 dBm				3	N	1	f	2.500 000 00 GHz	-51.843 dBm				4	N	1	f	2.484 002 50 GHz	-46.690 dBm			
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$\pi/4$ DQPSK/LCH/No Hop	Agilent Spectrum Analyzer - Sweep SA Center Freq 2.390000000 GHz Ref Offset 0.9 dB Ref 20.90 dBm Mkr4 2.386 310 00 GHz -55.744 dBm Start 2.37500 GHz #Res BW 100 kHz #VBW 300 kHz Stop 2.40500 GHz Sweep 3.200 ms (8001 pts) <table><thead><tr><th>MNR</th><th>MODE</th><th>TRC</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>2.402 000 00 GHz</td><td>-9.398 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>-44.347 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>-60.007 dBm</td><td></td><td></td><td></td></tr><tr><td>4</td><td>N</td><td>1</td><td>f</td><td>2.386 310 00 GHz</td><td>-55.744 dBm</td><td></td><td></td><td></td></tr></tbody></table> Frequency Auto Tune Center Freq 2.390000000 GHz Start Freq 2.375000000 GHz Stop Freq 2.405000000 GHz CF Step 3.000000 MHz Man Auto Freq Offset 0 Hz	MNR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE	1	N	1	f	2.402 000 00 GHz	-9.398 dBm				2	N	1	f	2.400 000 00 GHz	-44.347 dBm				3	N	1	f	2.390 000 00 GHz	-60.007 dBm				4	N	1	f	2.386 310 00 GHz	-55.744 dBm			
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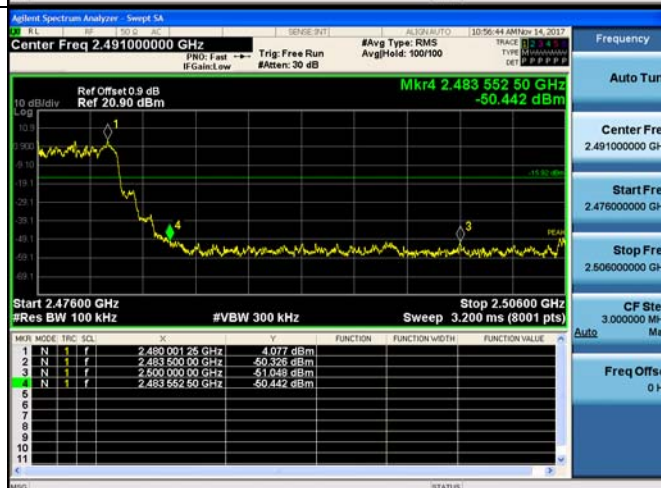
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$\pi/4$ DQPSK/HCH/No Hop



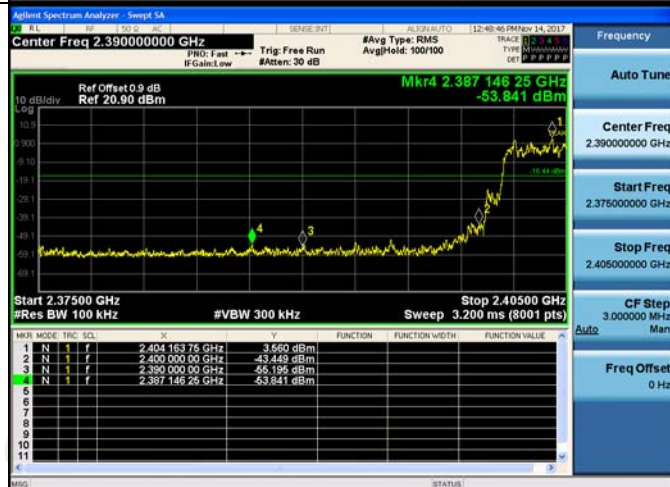
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8DPSK/LCH/No Hop



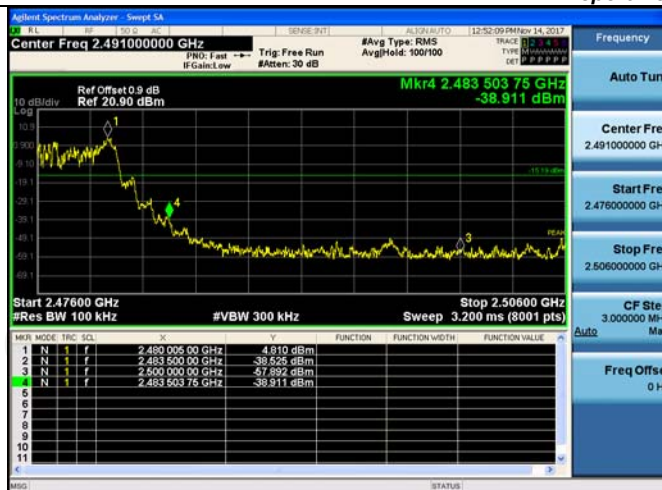
8DPSK/LCH/Hop



8DPSK/HCH/No Hop



8DPSK/HCH/Hop

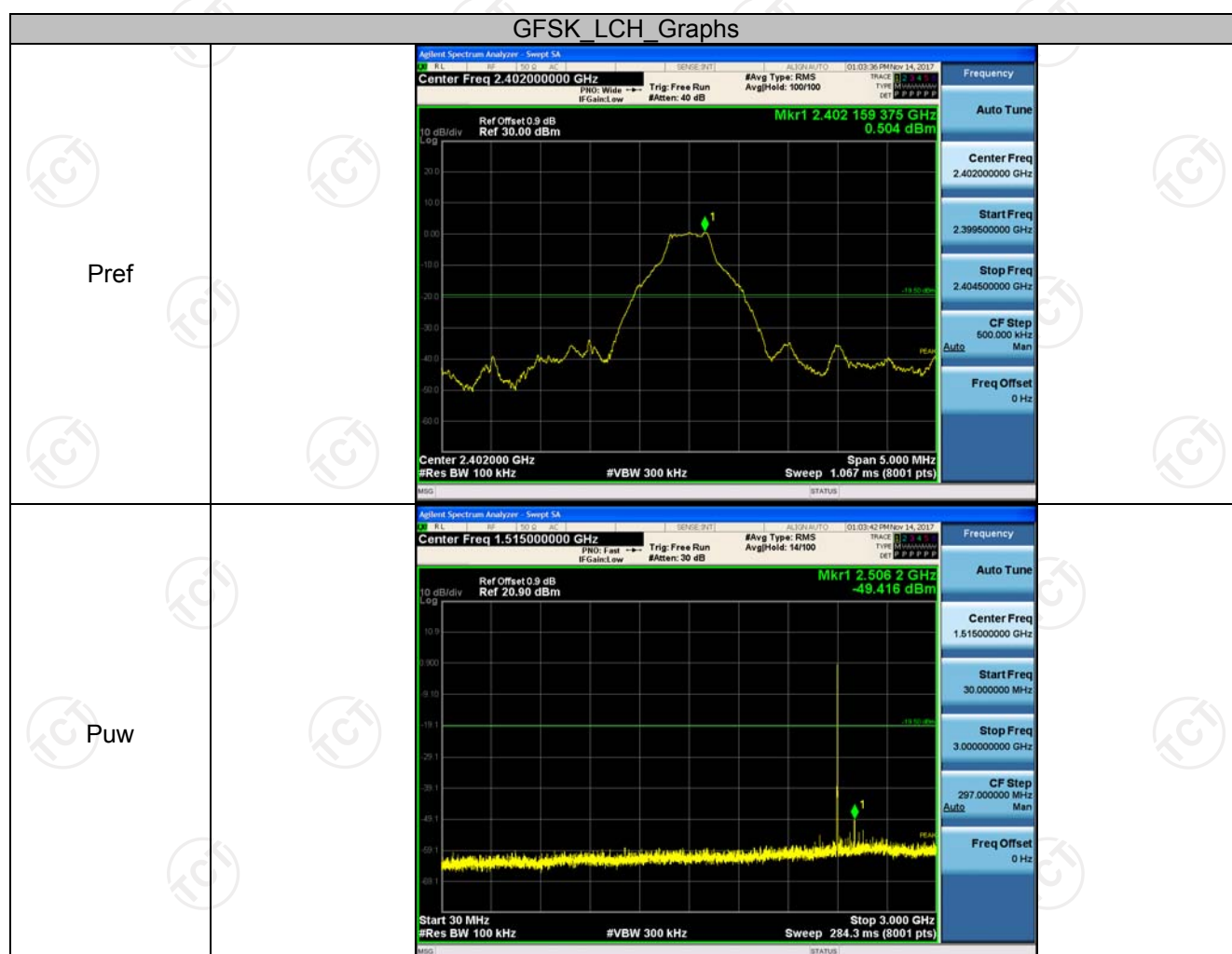


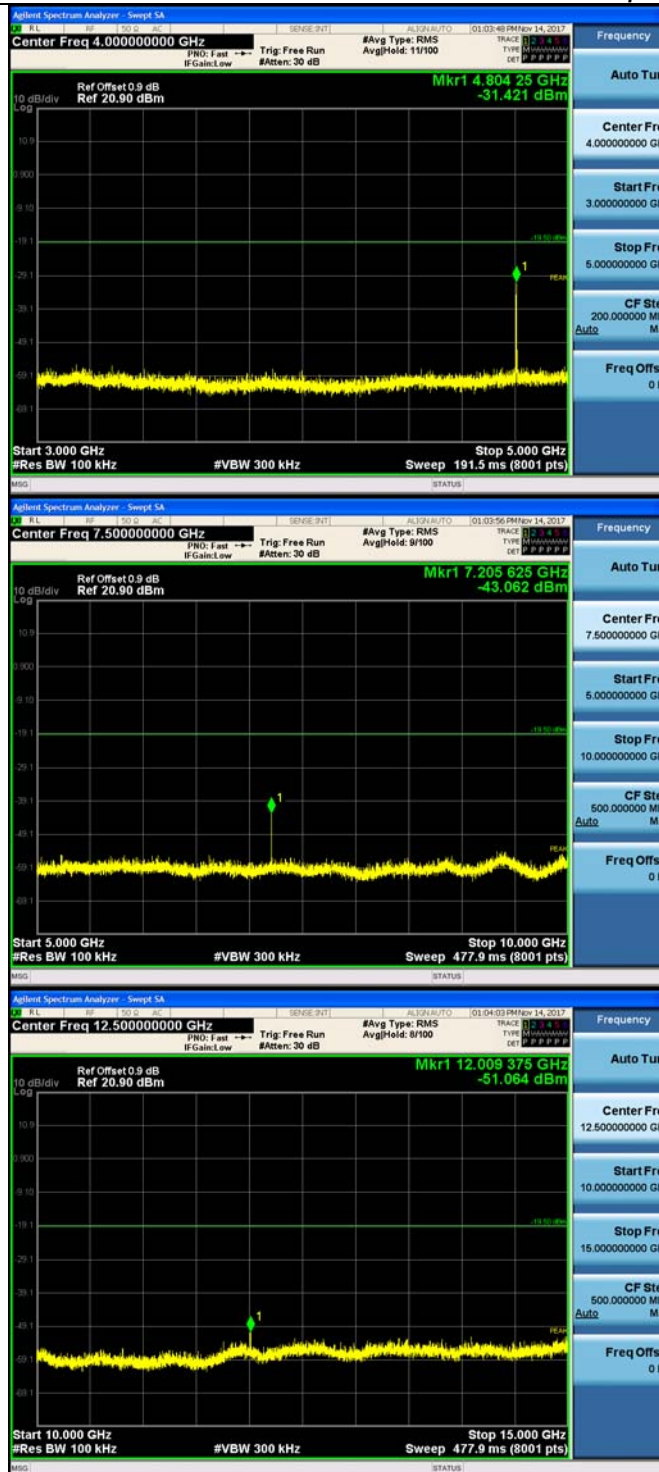
RF Conducted Spurious Emissions

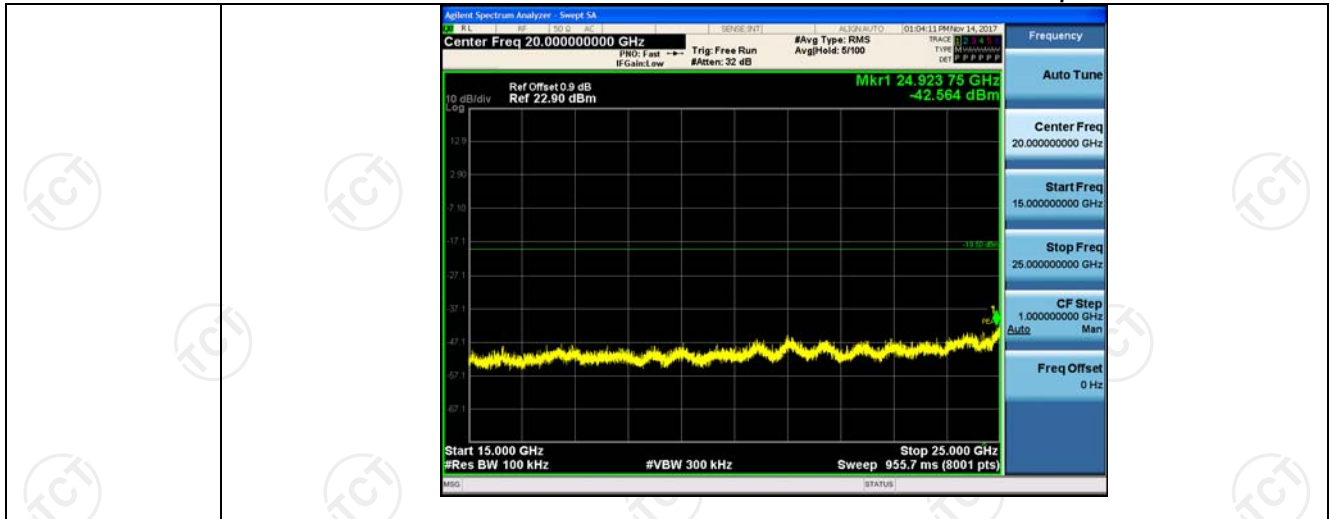
Result Table

Mode	Channel	Pref [dBm]	Puw[dBm]	Verdict
GFSK	LCH	0.504	<Limit	PASS
GFSK	MCH	1.67	<Limit	PASS
GFSK	HCH	2.033	<Limit	PASS
$\pi/4$ DQPSK	LCH	-0.408	<Limit	PASS
$\pi/4$ DQPSK	MCH	1.164	<Limit	PASS
$\pi/4$ DQPSK	HCH	1.583	<Limit	PASS
8DPSK	LCH	-0.34	<Limit	PASS
8DPSK	MCH	1.167	<Limit	PASS
8DPSK	HCH	1.595	<Limit	PASS

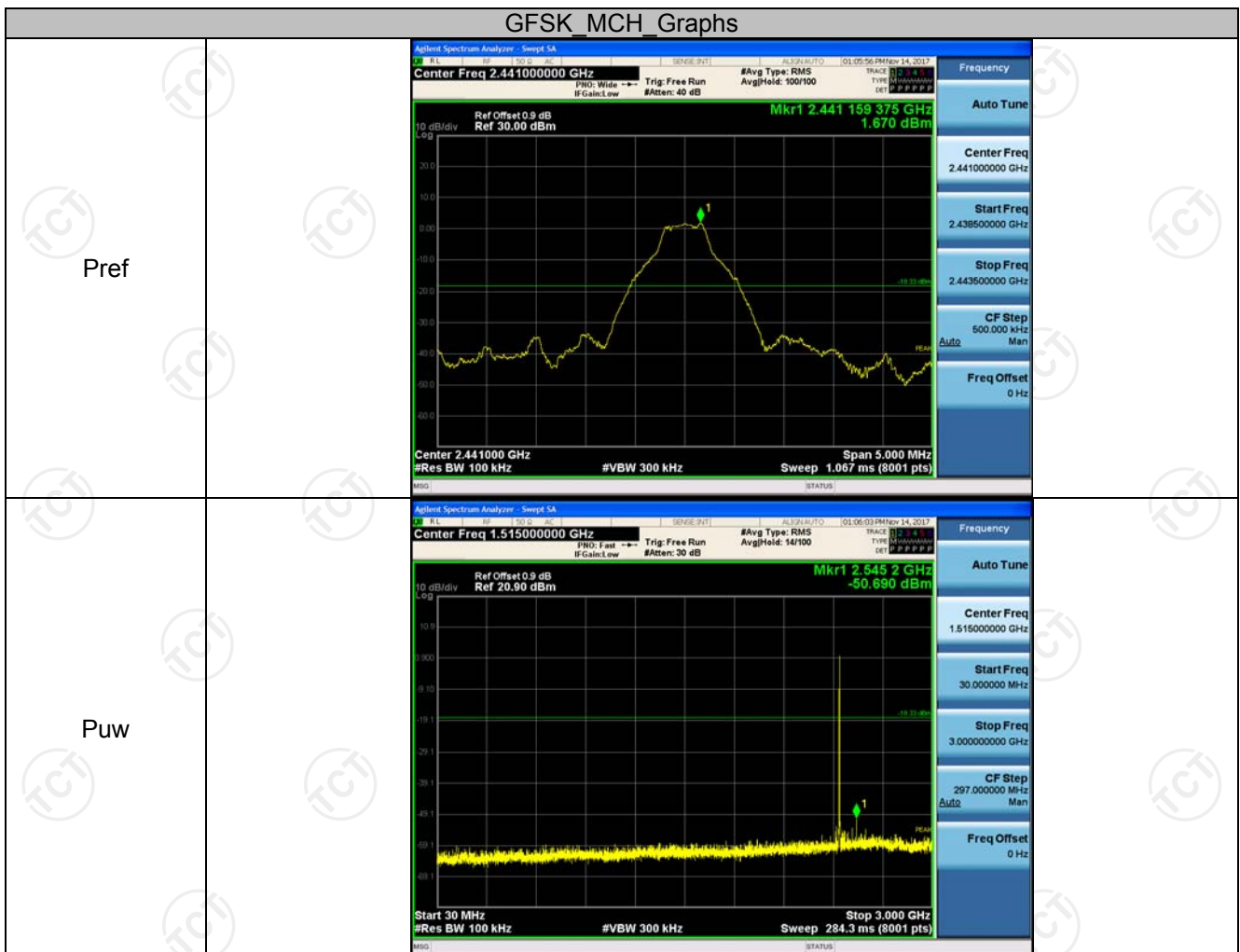
Test Graph

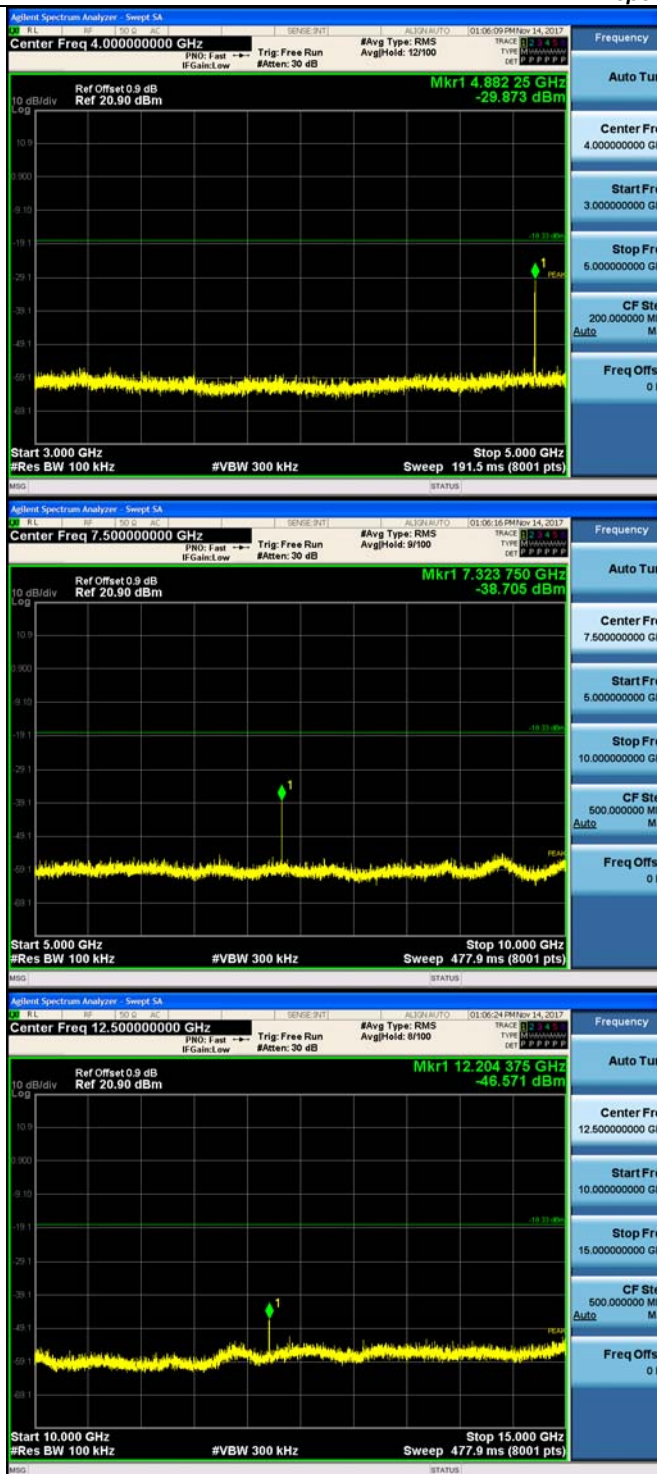


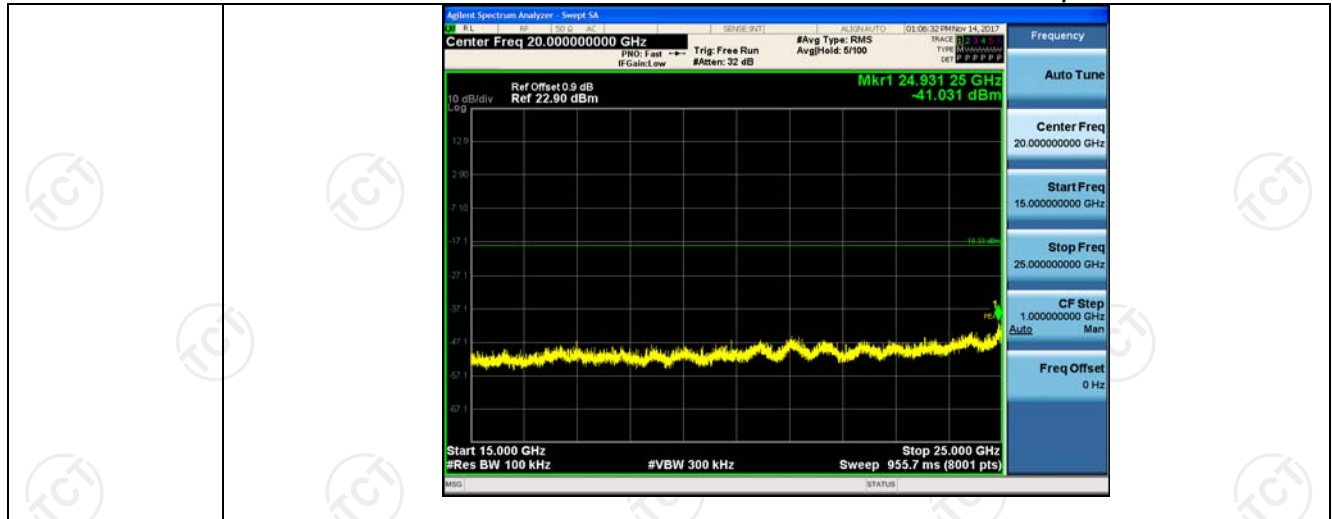




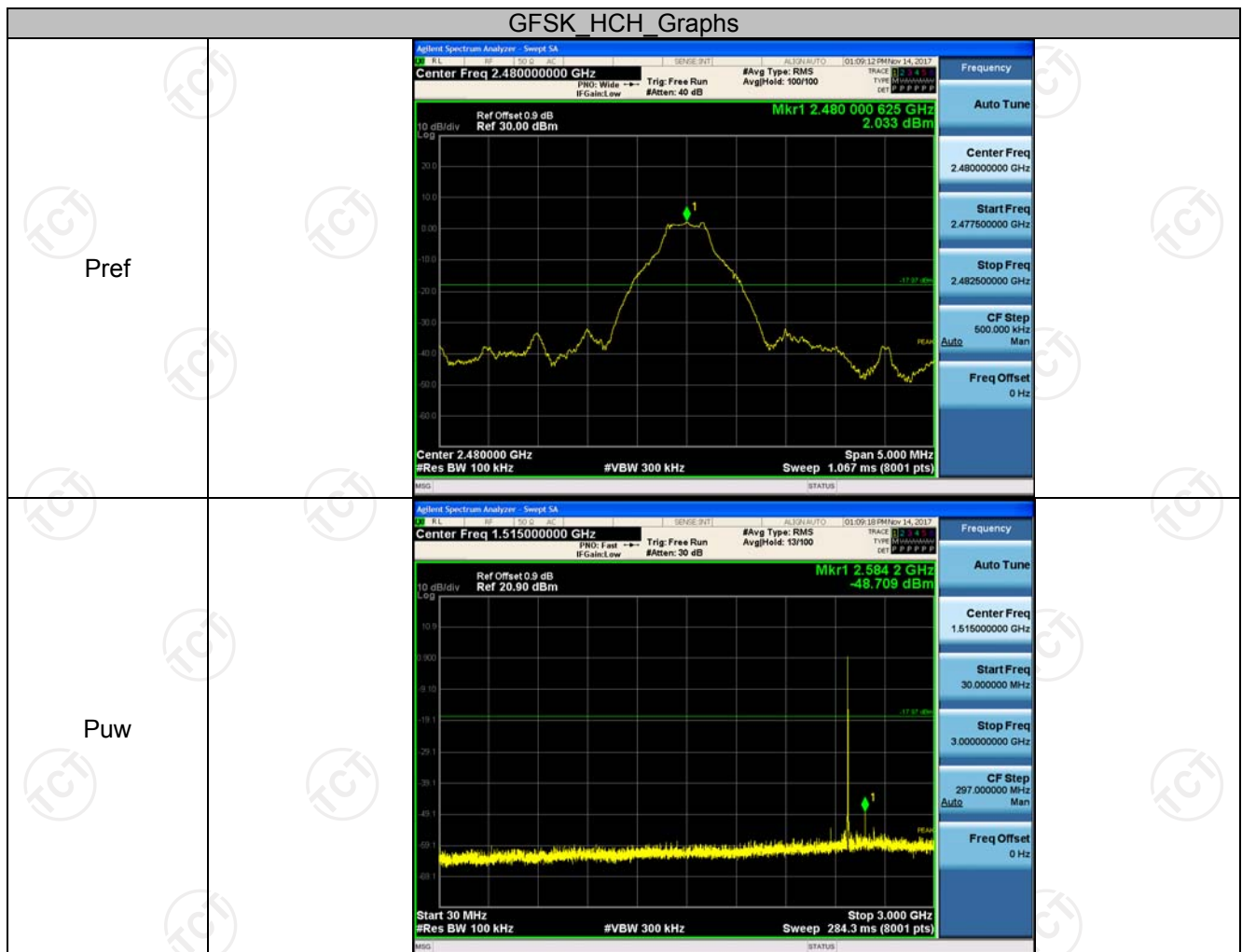
GFSK_MCH_Graphs

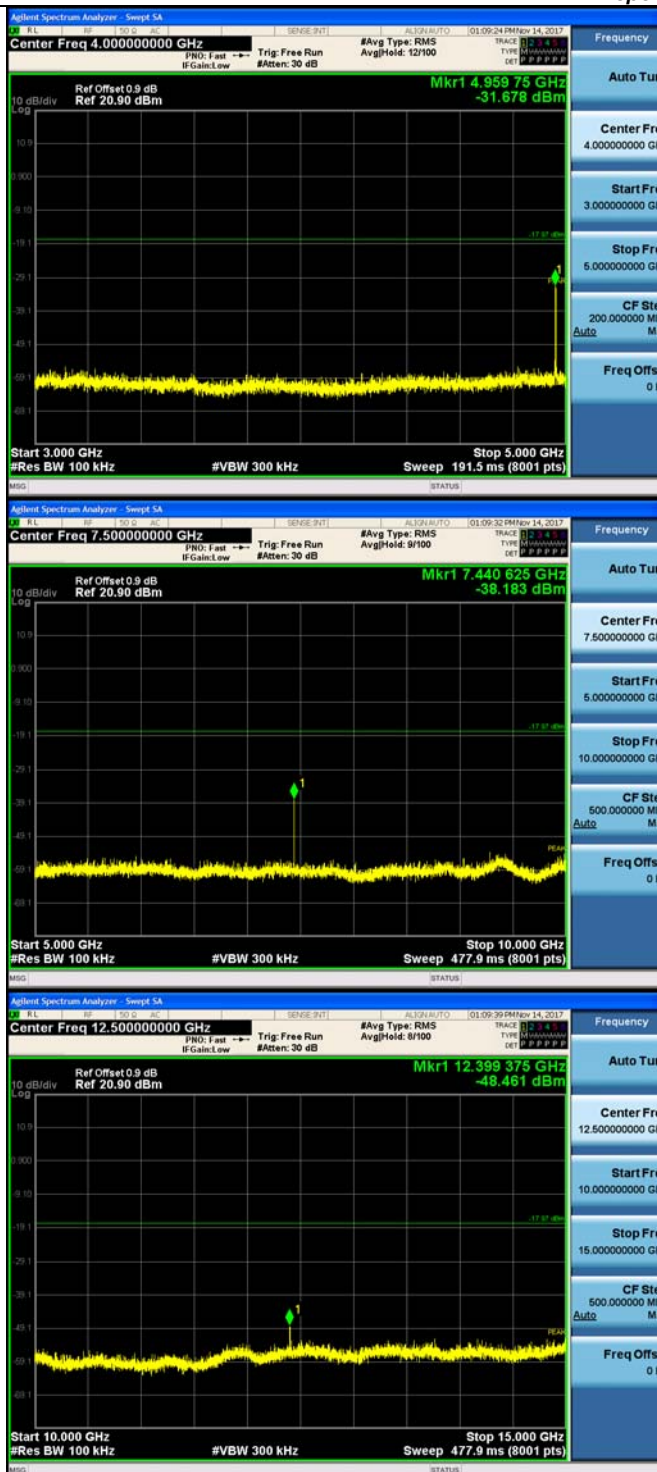


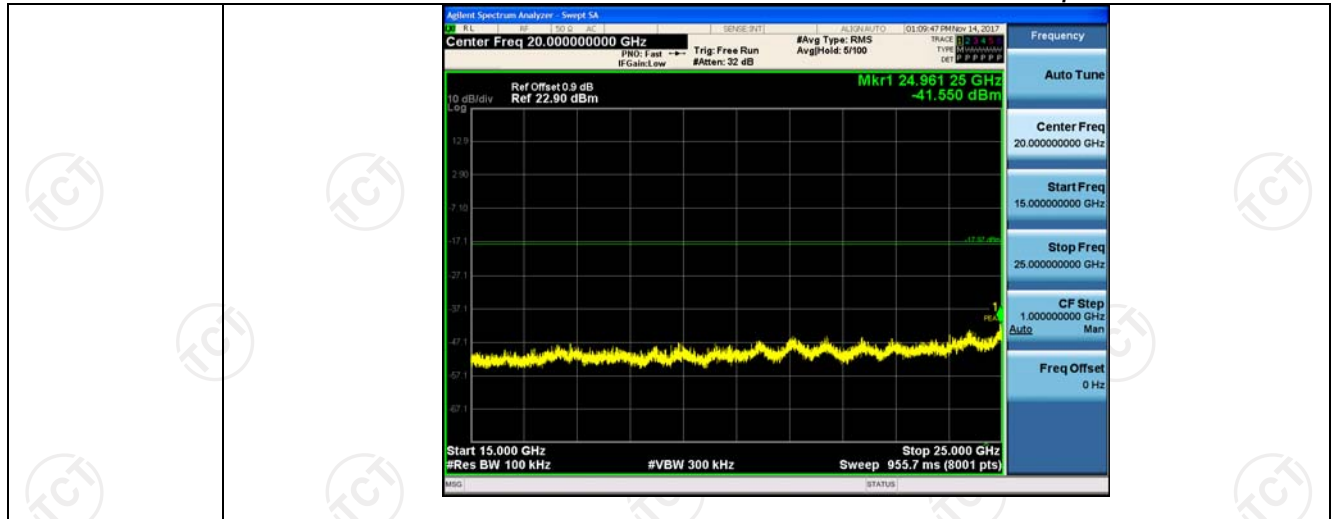




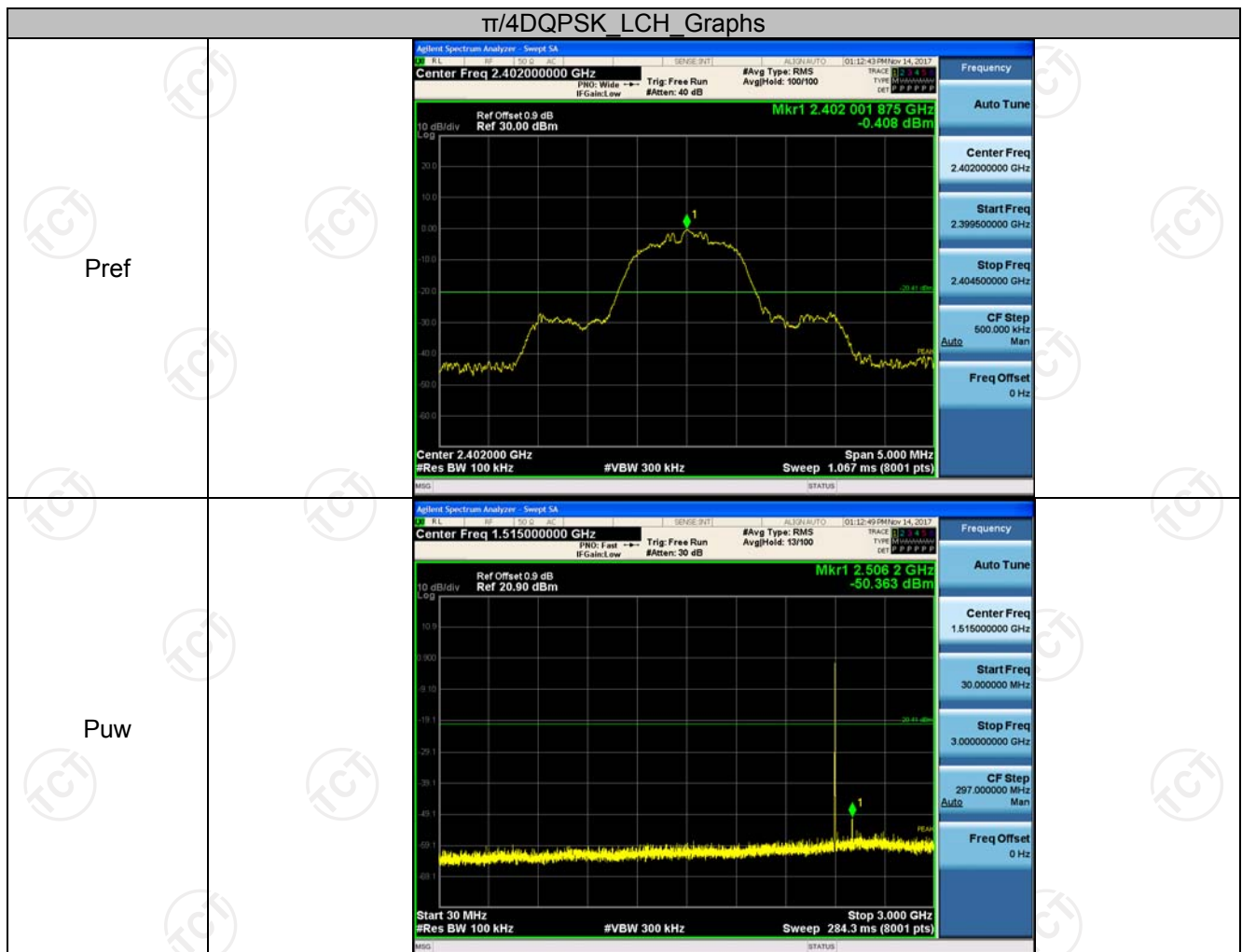
GFSK HCH_Graphs

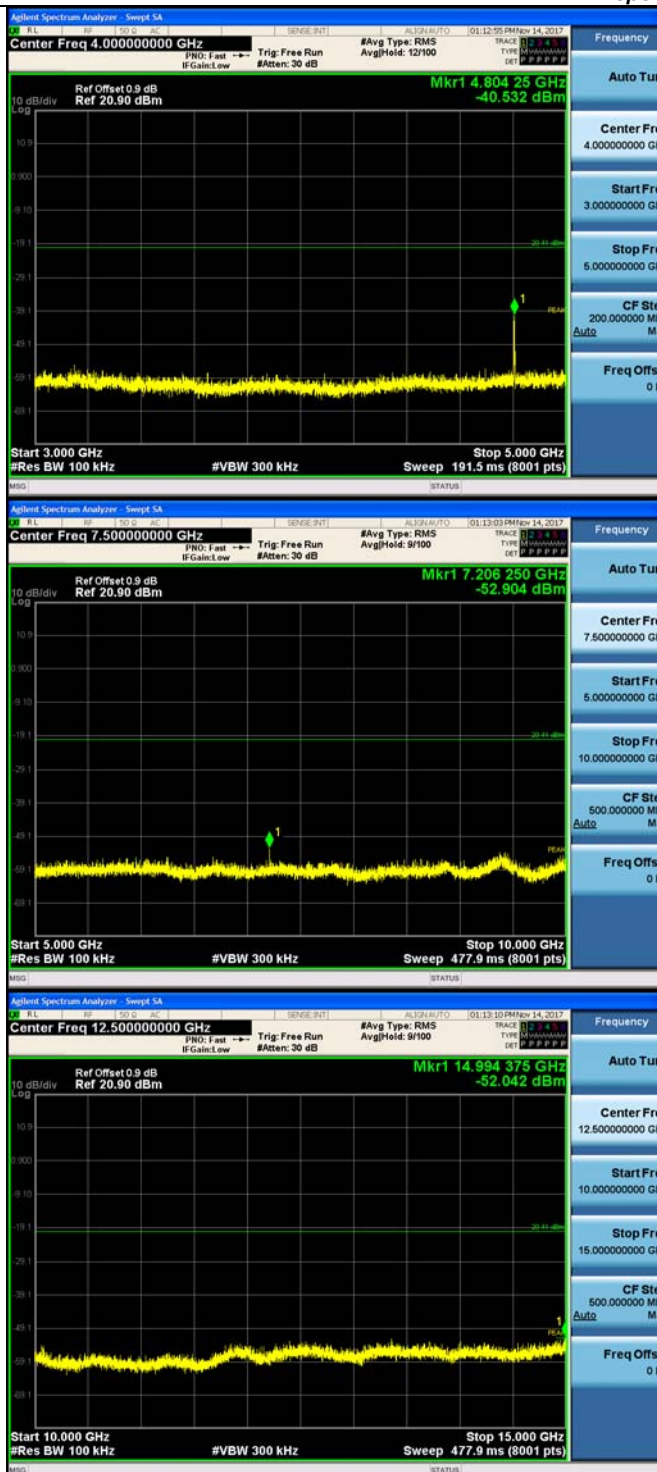


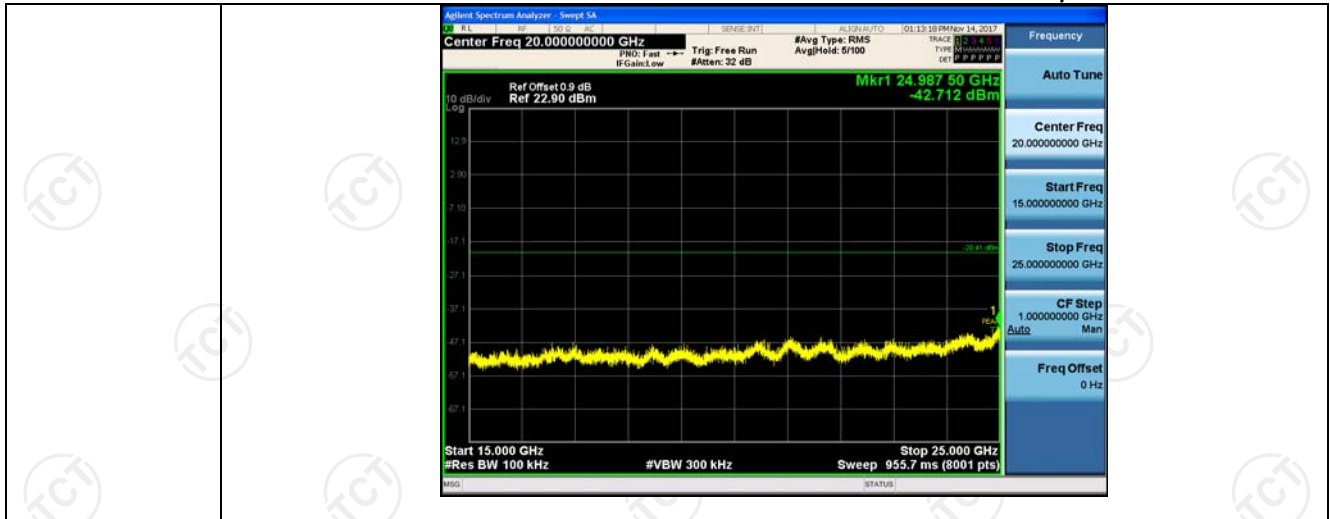




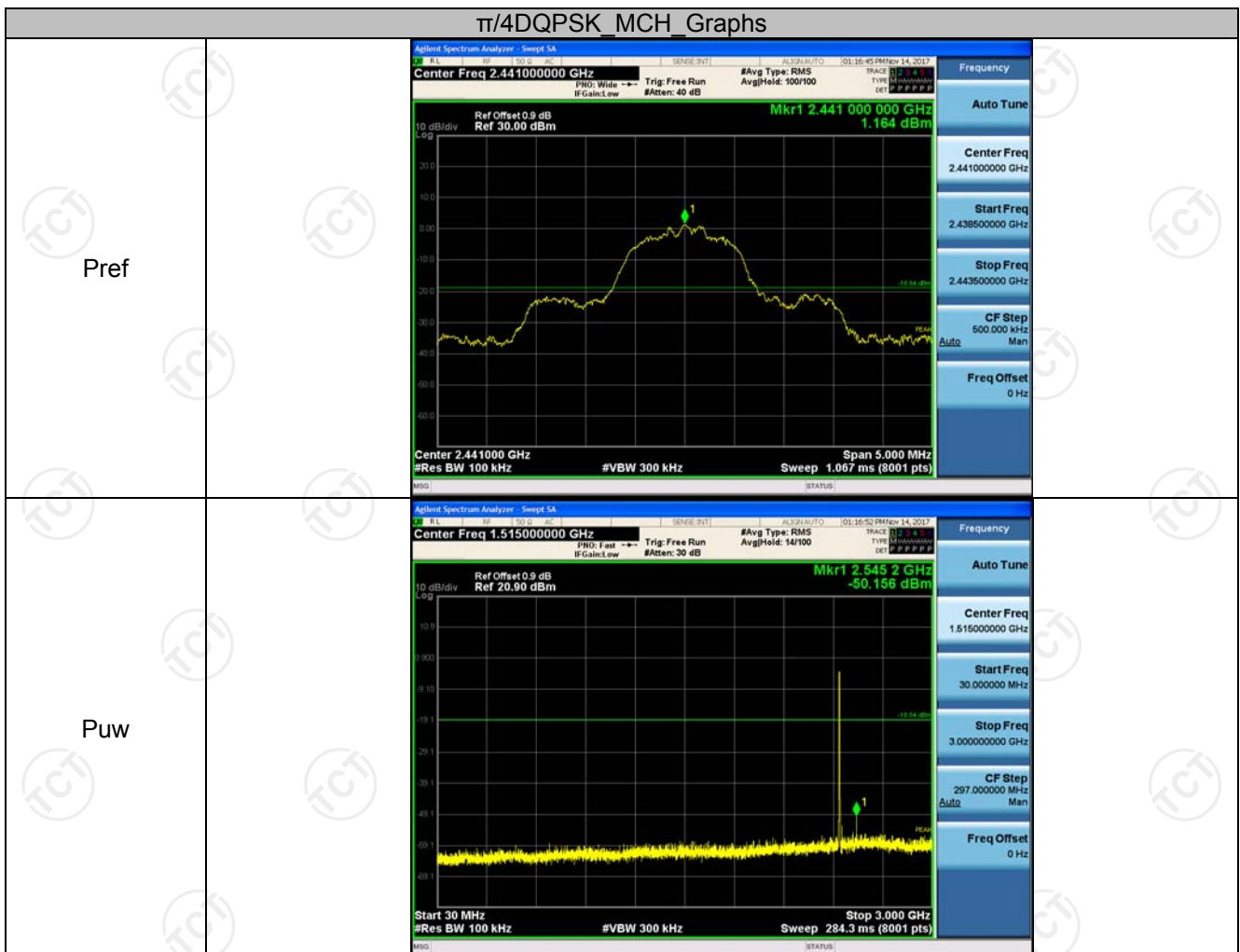
$\pi/4$ DQPSK LCH_Graphs

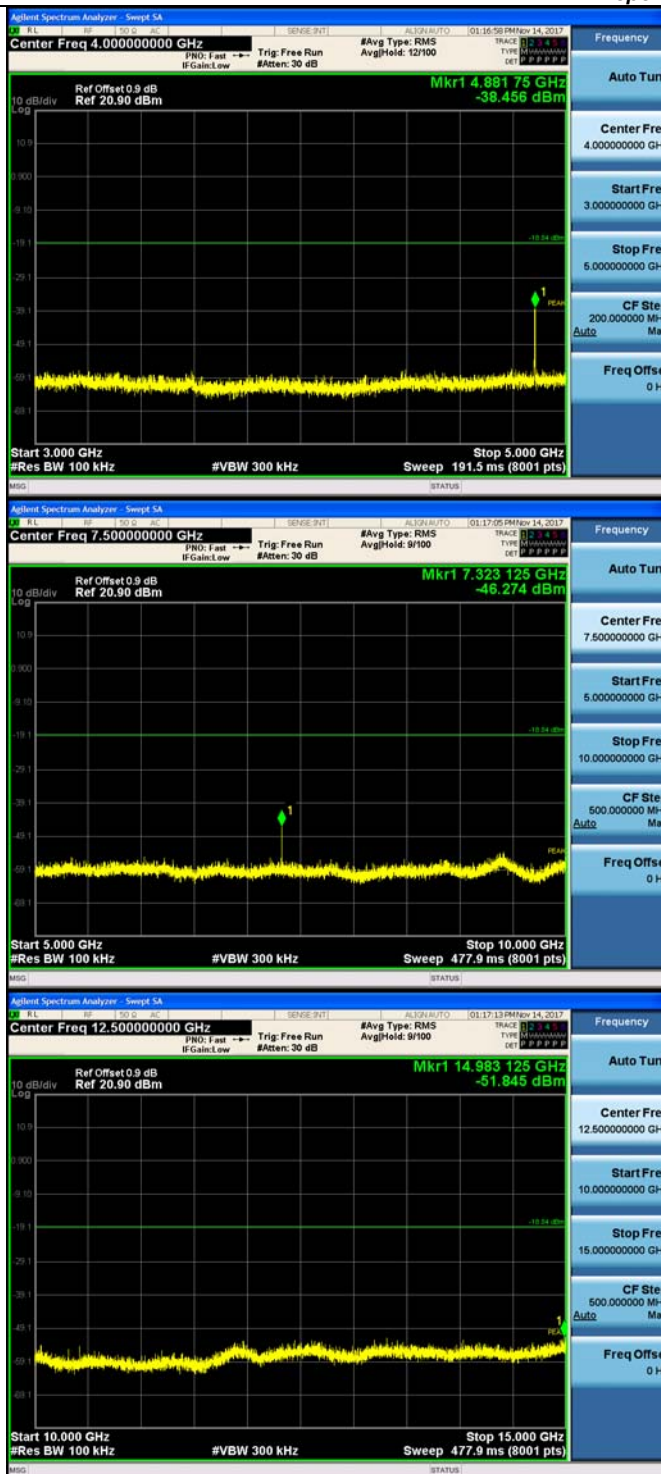


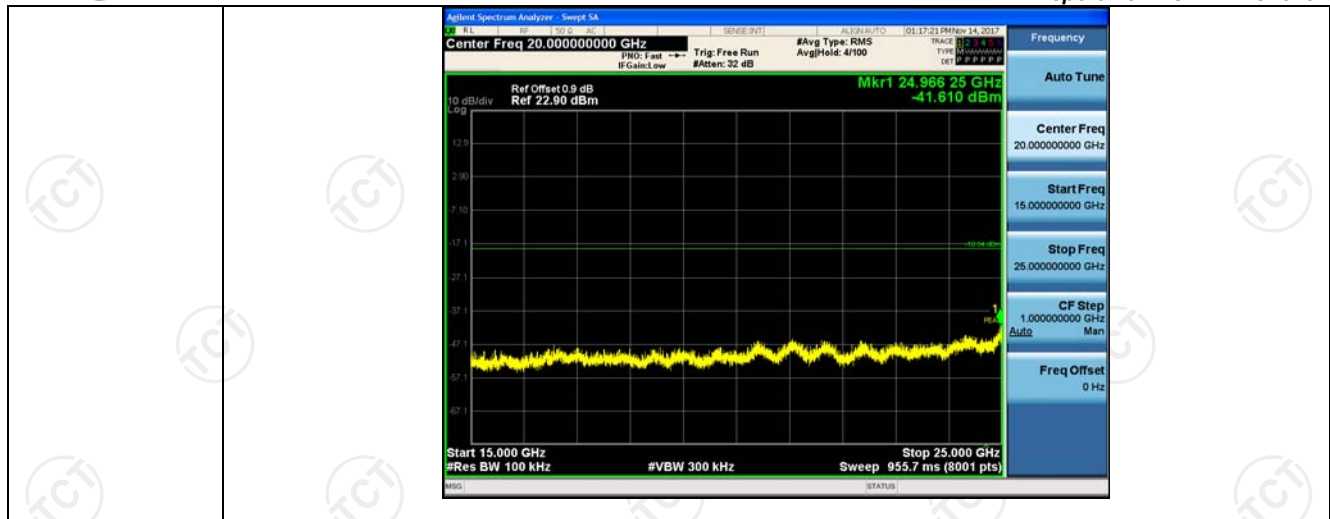




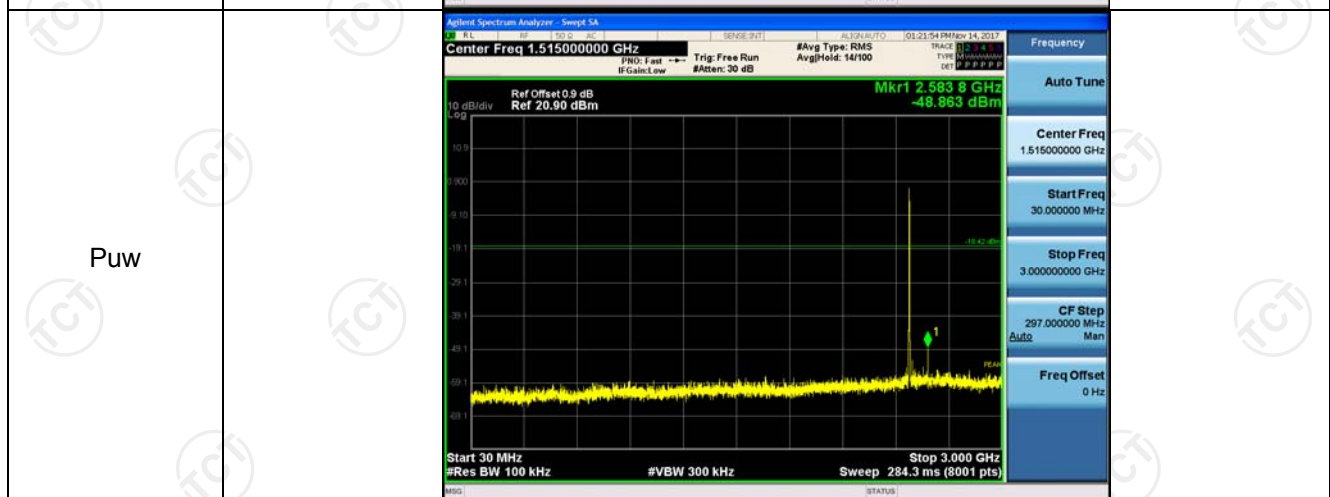
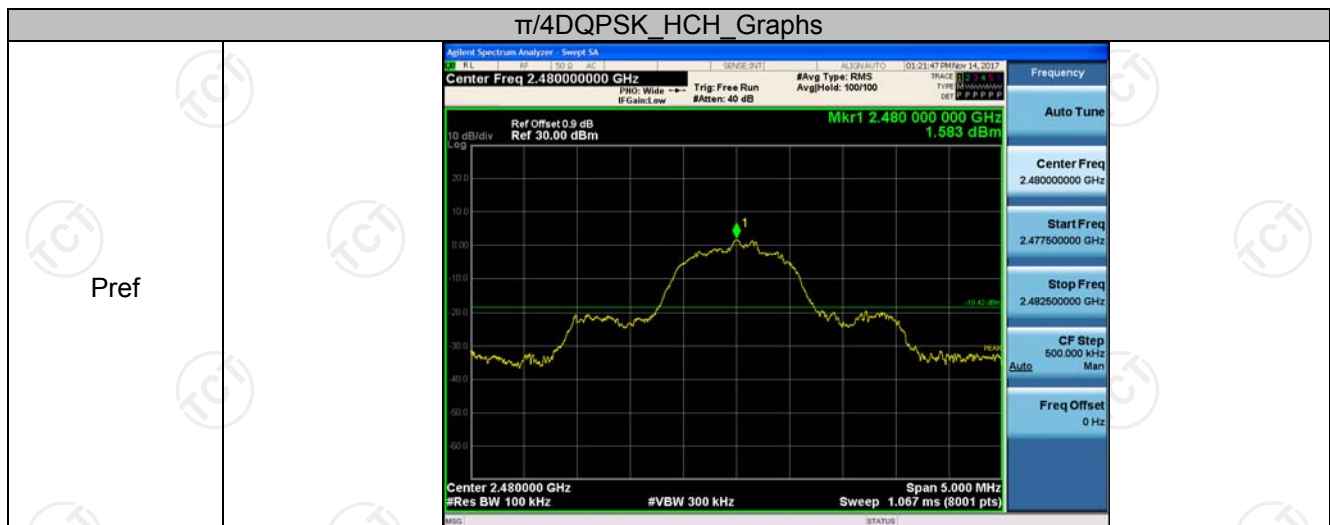
$\pi/4$ DQPSK_MCH_Graphs

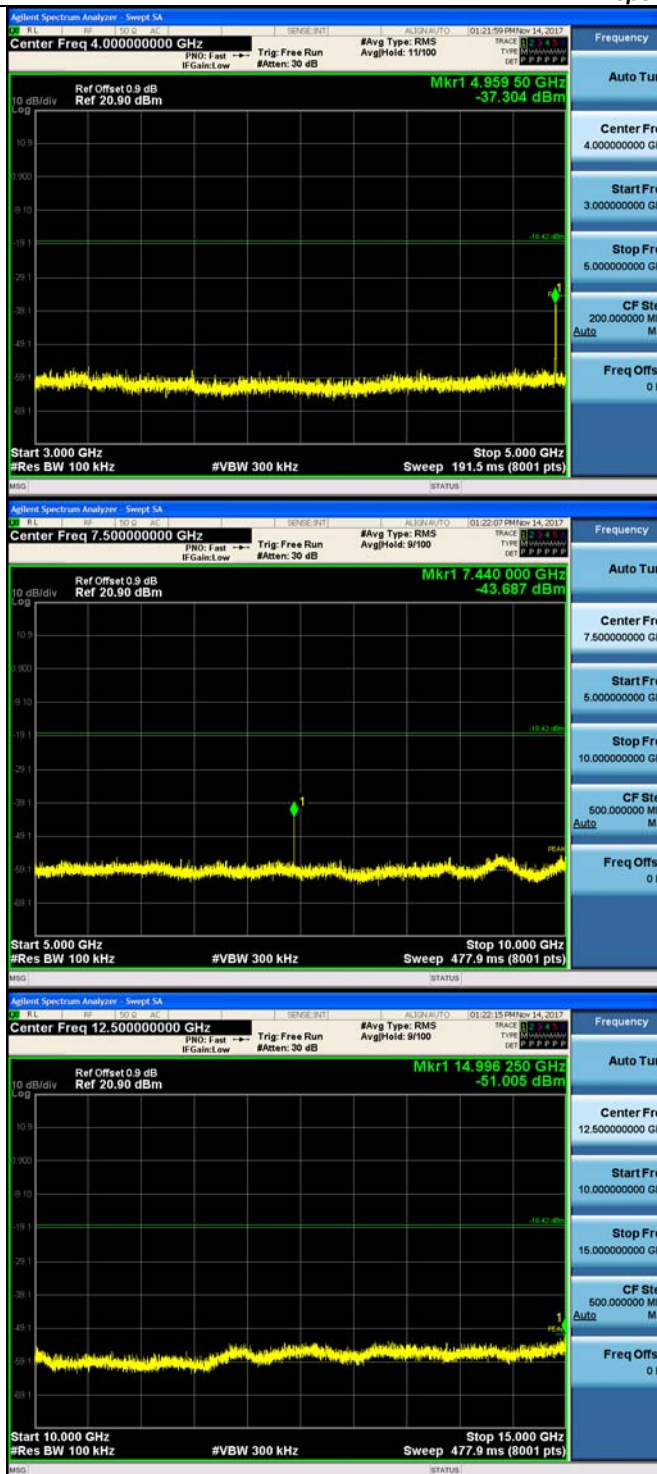


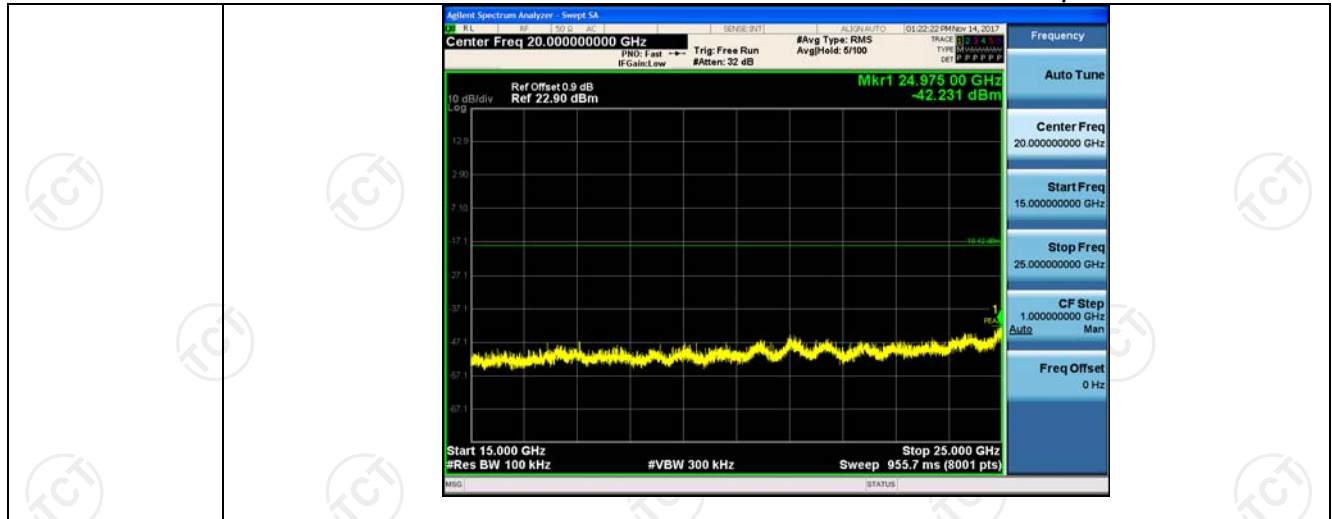




$\pi/4$ DQPSK_HCH_Graphs

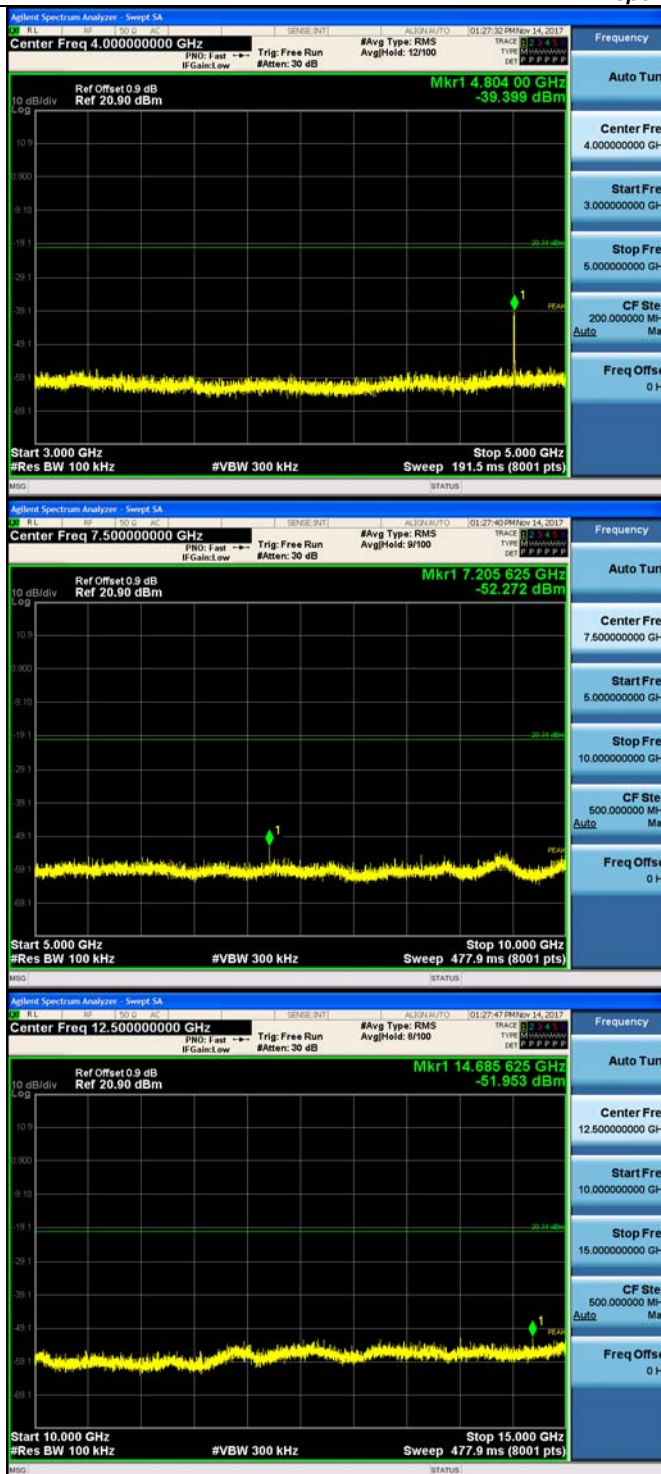


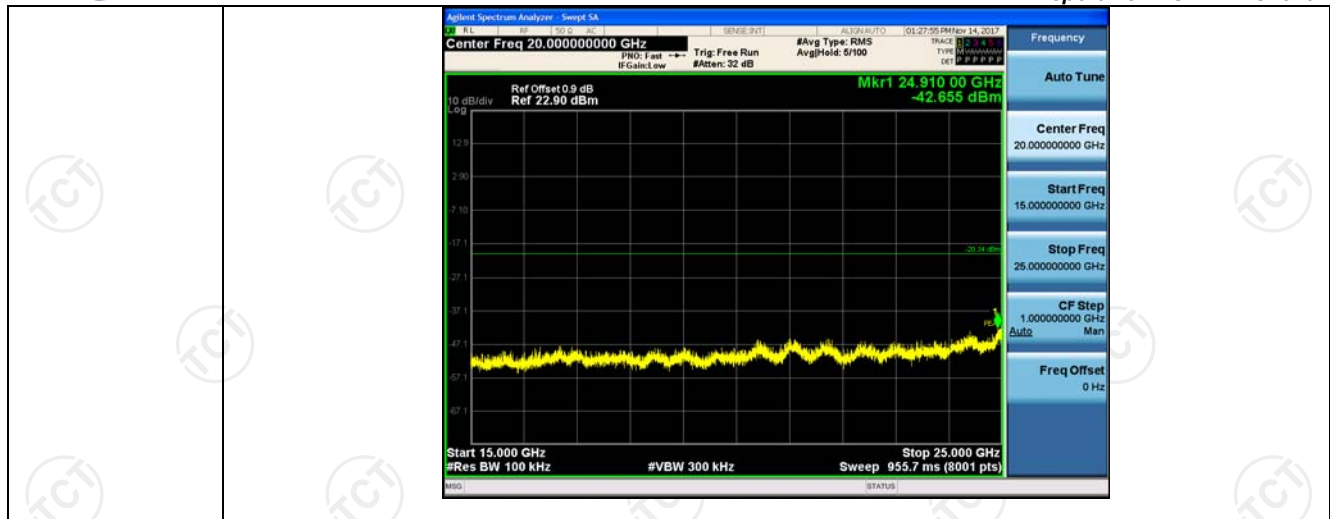




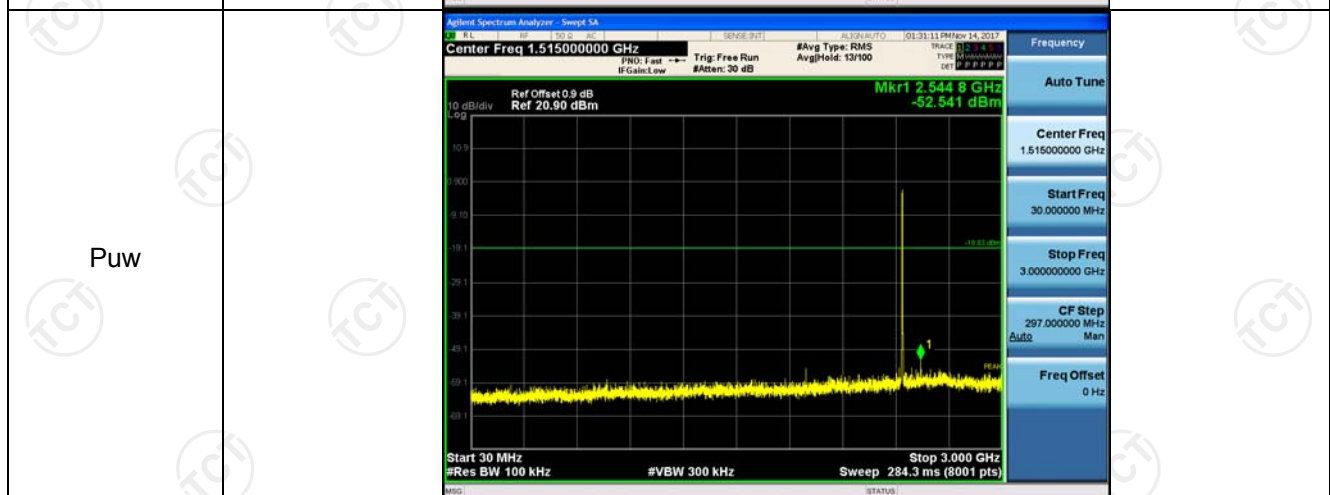
8DPSK_LCH_Graphs

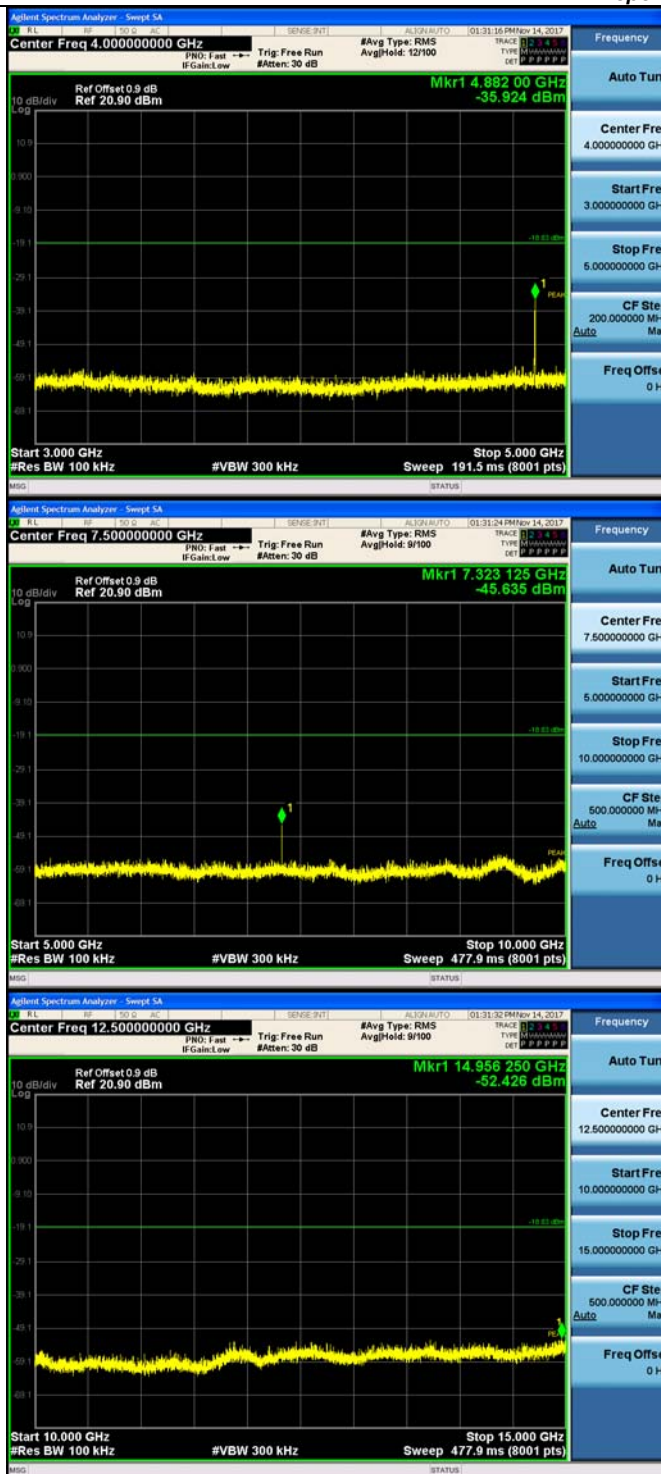


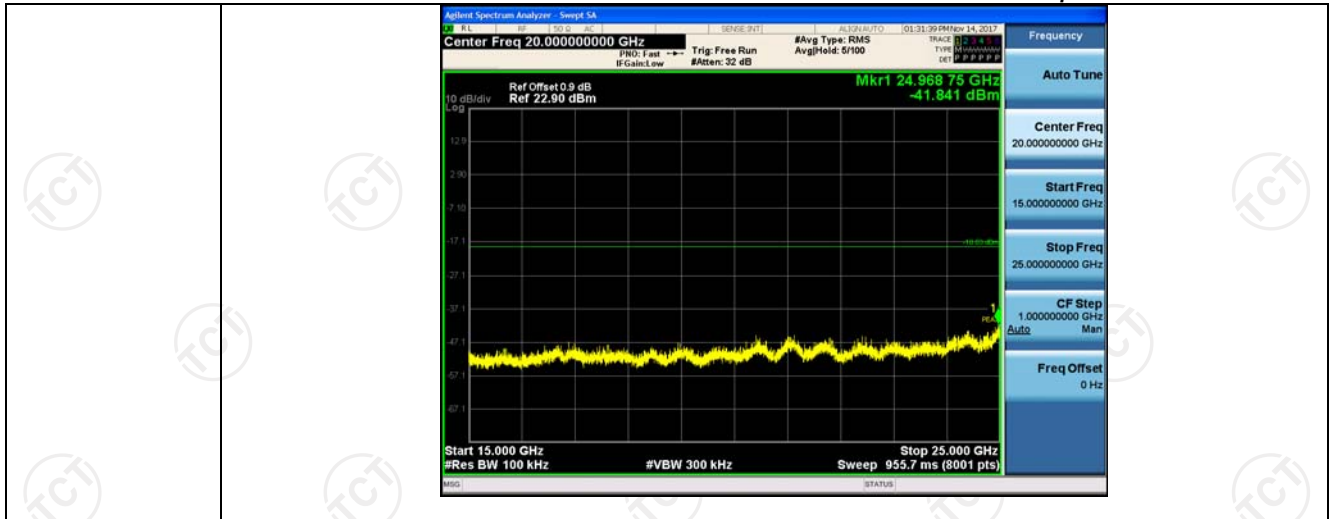




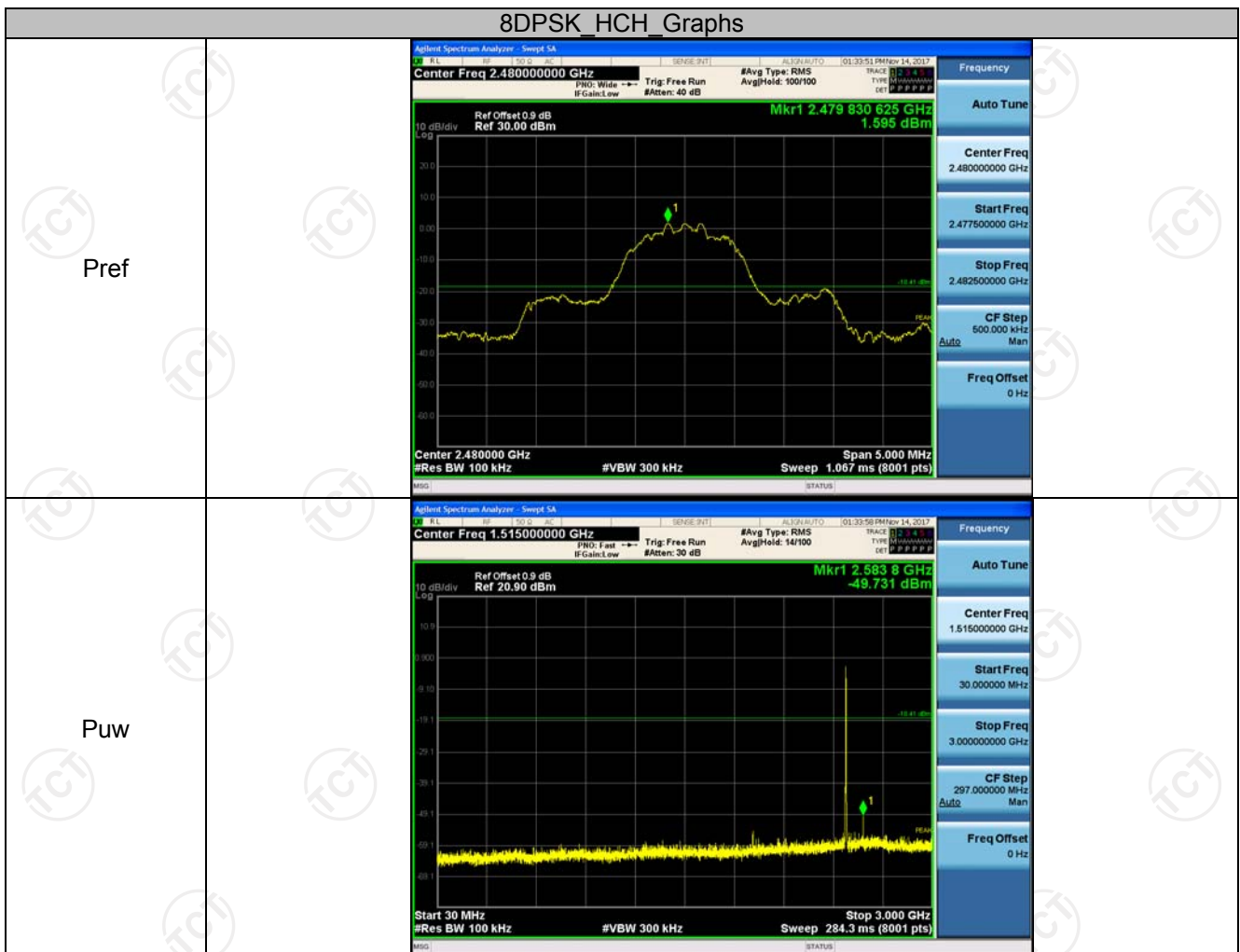
8DPSK_MCH_Graphs

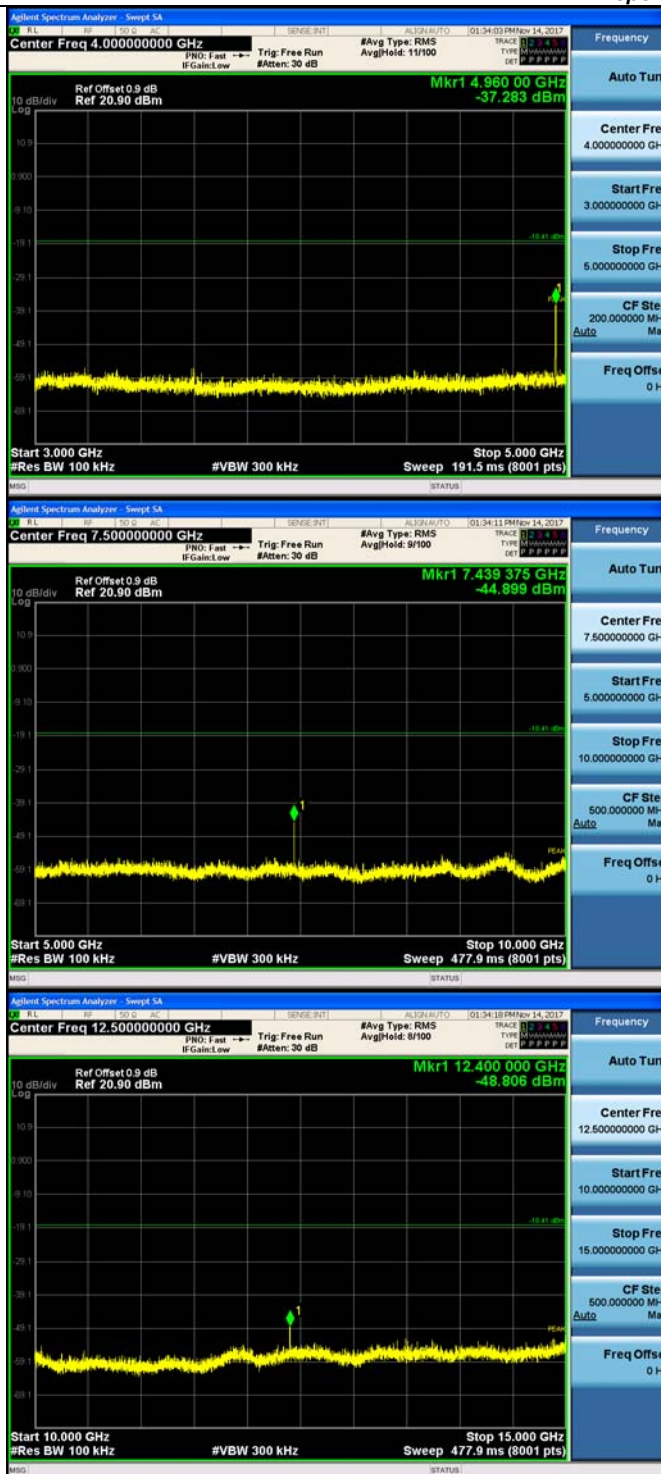


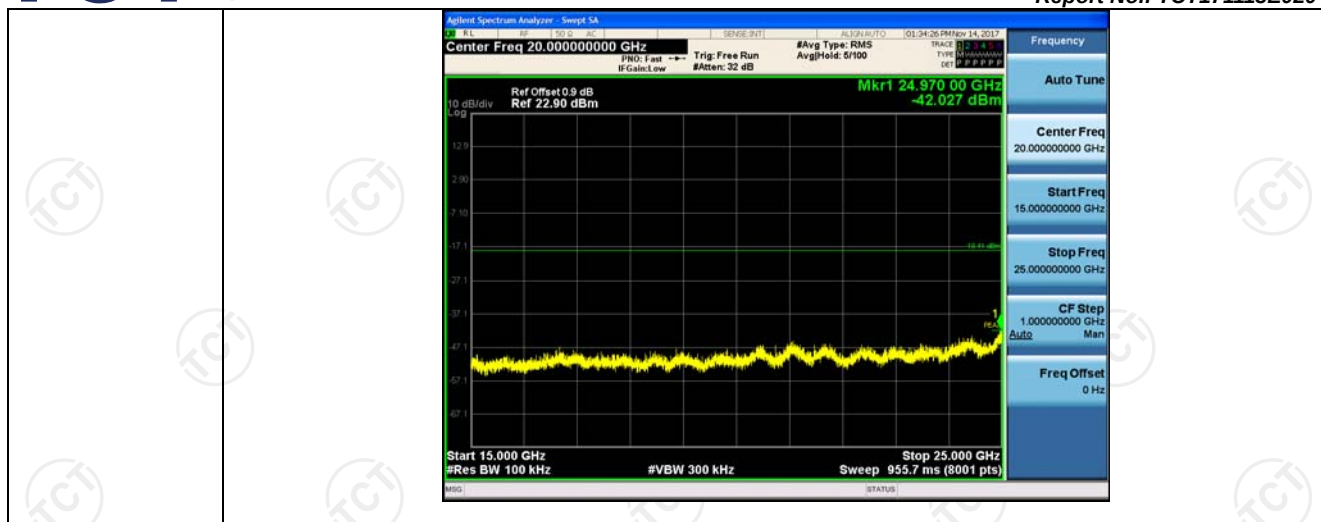




8DPSK_HCH_Graphs





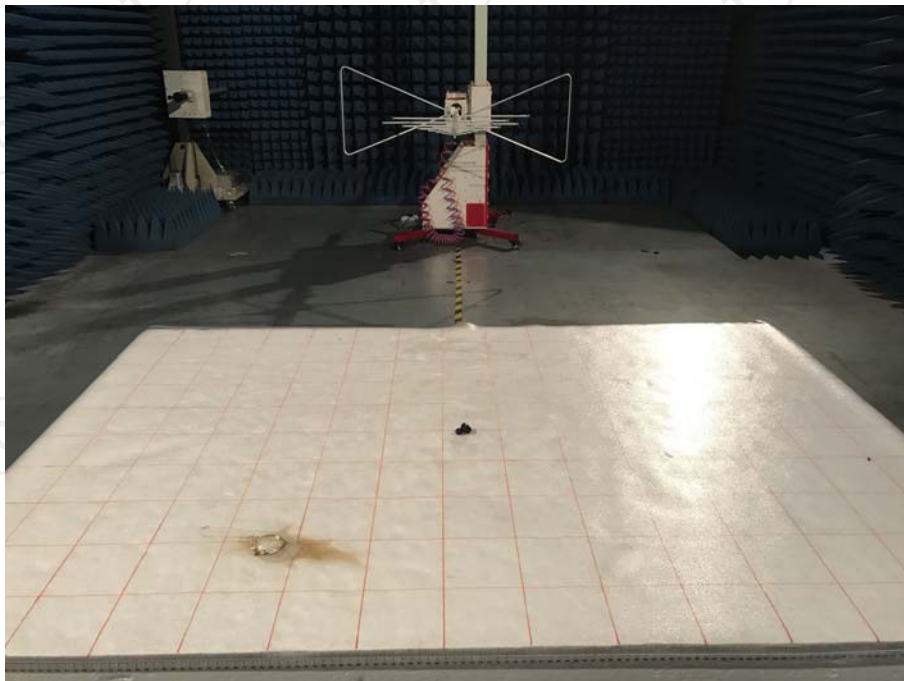


Appendix B: Photographs of Test Setup

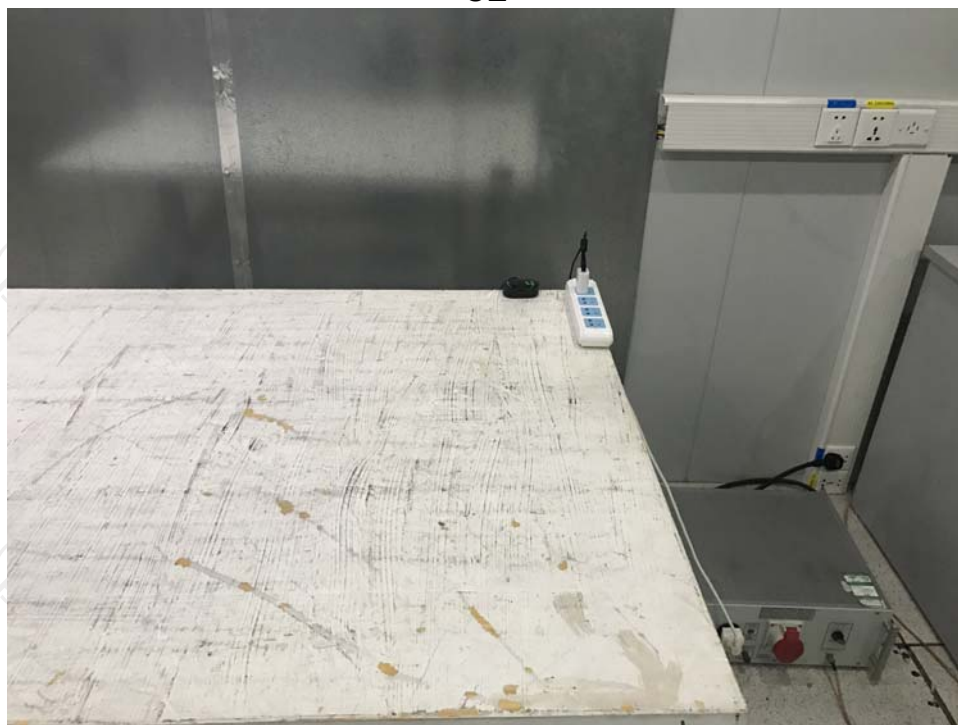
Product: True wireless earbuds

Model: T02

Radiated Emission



CE



Appendix C: Photographs of EUT
Product: True wireless earbuds
Model: T02
External Photos





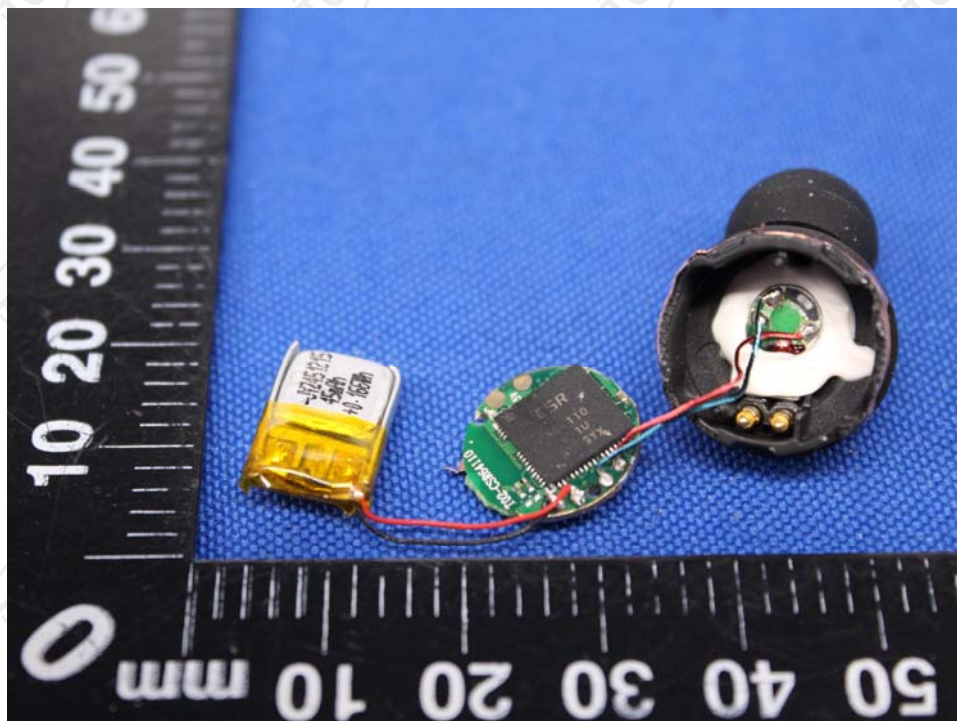
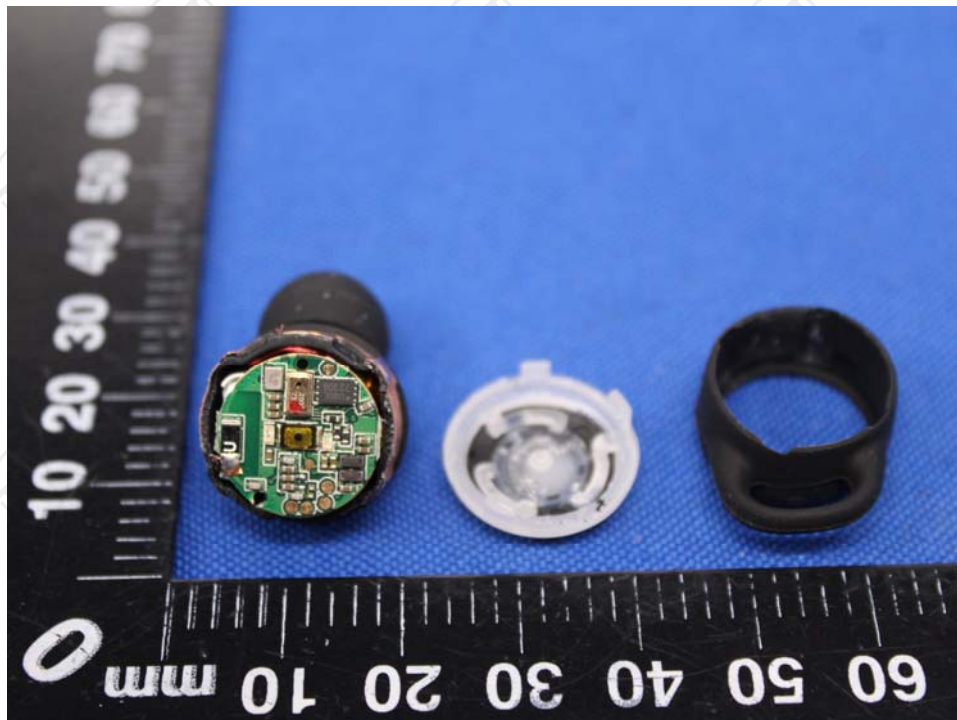




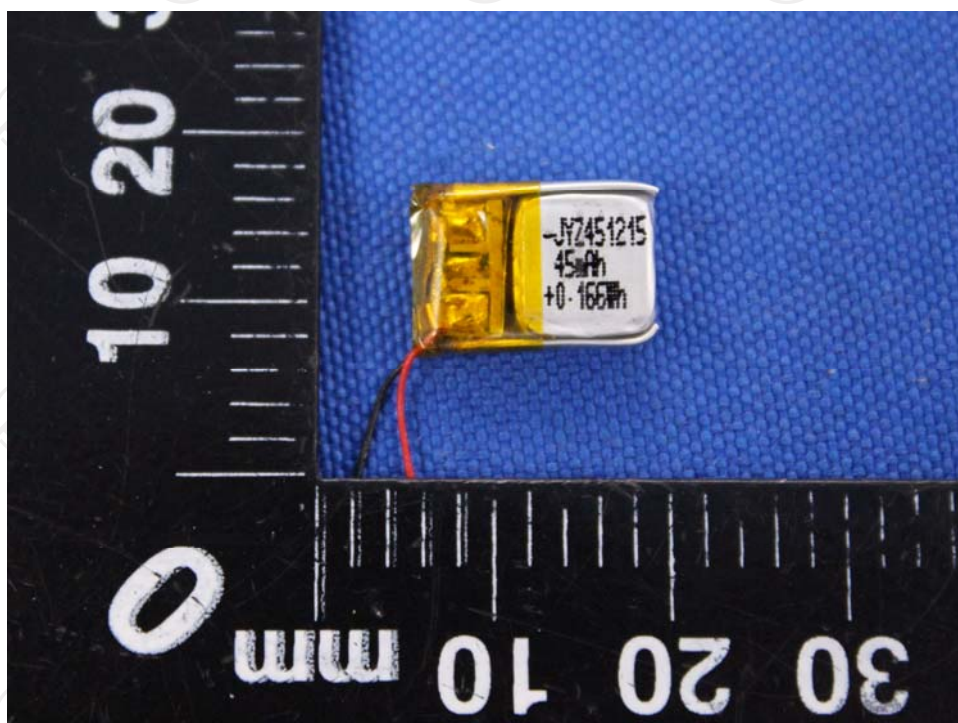
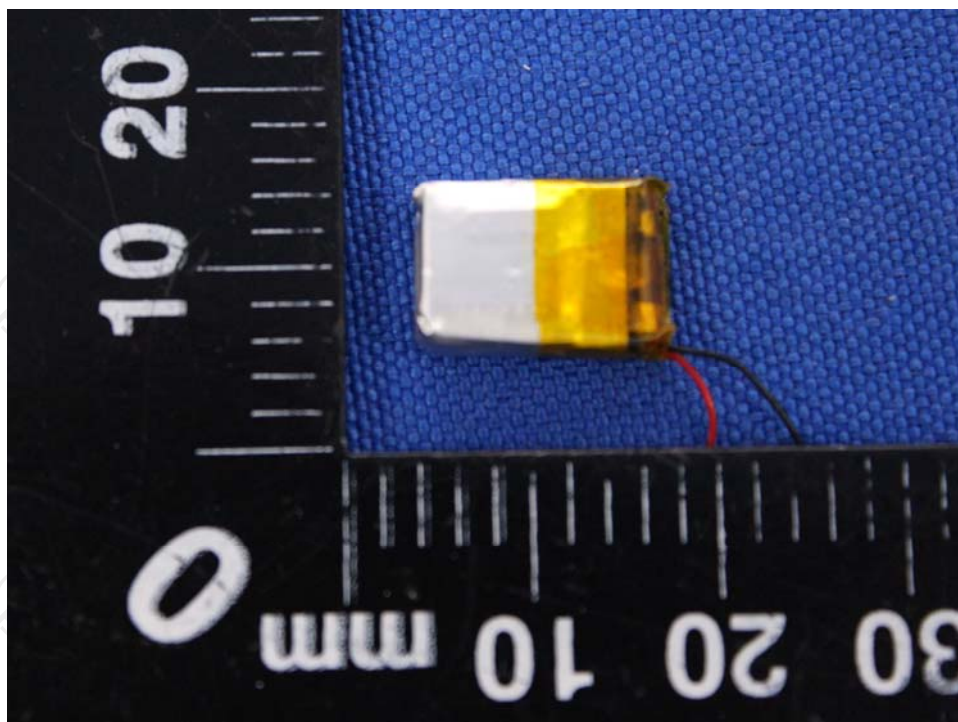




Product: True wireless earbuds
Model: T02
Internal Photos







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