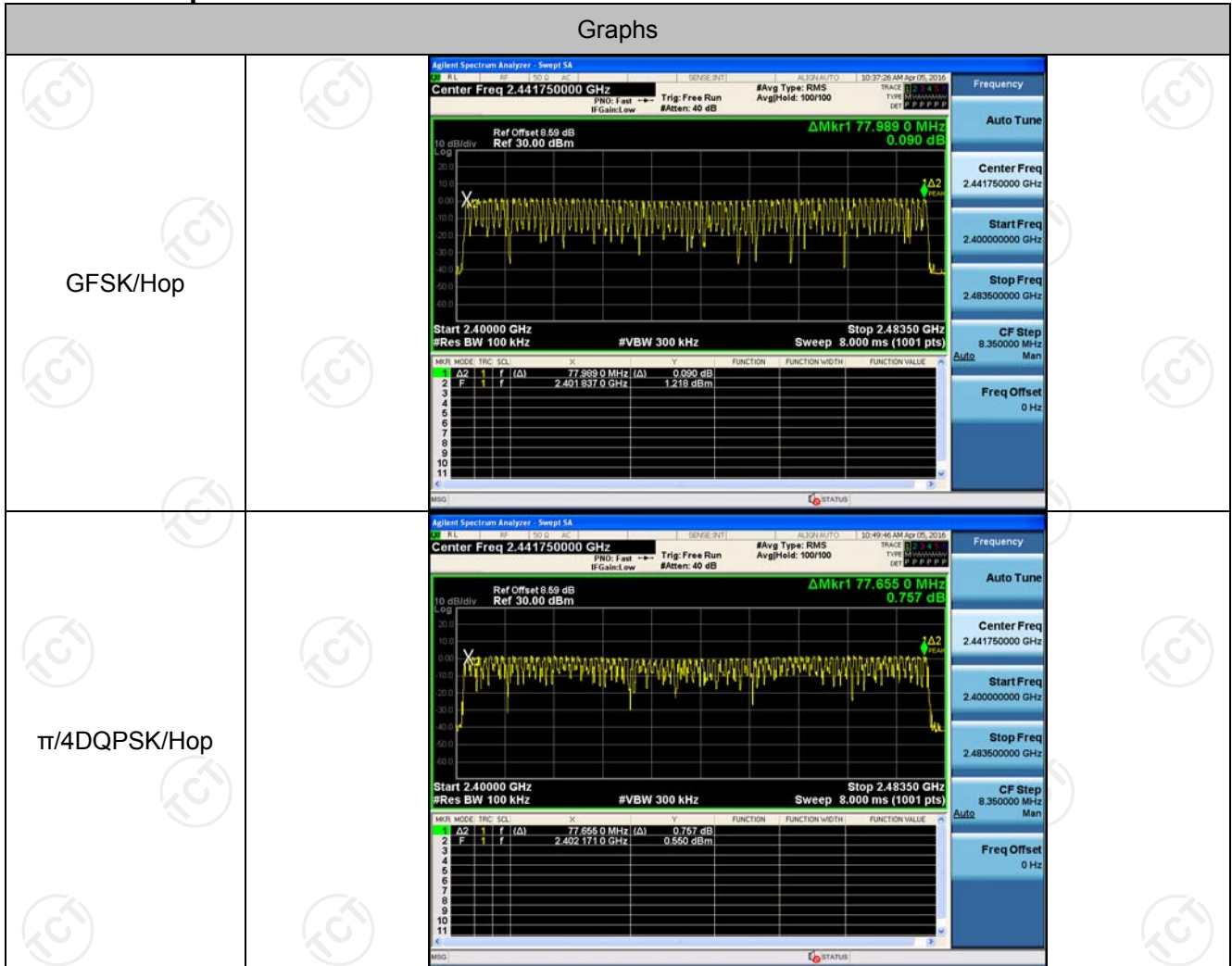


Hopping Channel Number

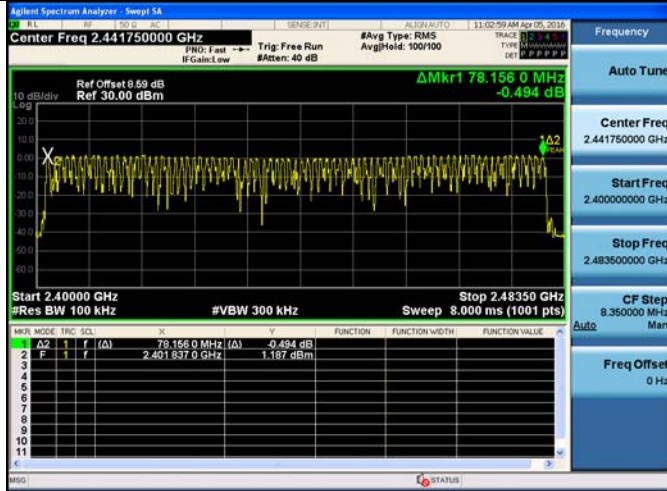
Result Table

Mode	Channel.	Number of Hopping Channel	Verdict
GFSK	Hop	79	PASS
$\pi/4$ DQPSK	Hop	79	PASS
8DPSK	Hop	79	PASS

Test Graph



8DPSK/Hop



Conducted Peak Output Power

Result Table

Mode	Channel.	Maximum Peak Output Power [dBm]	Verdict
GFSK	LCH	1.775	PASS
GFSK	MCH	0.131	PASS
GFSK	HCH	1.602	PASS
π /4DQPSK	LCH	3.545	PASS
π /4DQPSK	MCH	2.168	PASS
π /4DQPSK	HCH	2.966	PASS
8DPSK	LCH	2.920	PASS
8DPSK	MCH	1.998	PASS
8DPSK	HCH	3.566	PASS

Test Graph

Graphs




GFSK/LCH



GFSK/MCH



<p>GFSK/HCH</p>		<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.48000000 GHz</p> <p>Start Freq 2.477500000 GHz</p> <p>Stop Freq 2.482500000 GHz</p> <p>CF Step 500.000 kHz Auto Man</p> <p>Freq Offset 0 Hz</p>
<p>$\pi/4$DQPSK/LCH</p>		<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.40200000 GHz</p> <p>Start Freq 2.399500000 GHz</p> <p>Stop Freq 2.404500000 GHz</p> <p>CF Step 500.000 kHz Auto Man</p> <p>Freq Offset 0 Hz</p>
<p>$\pi/4$DQPSK/MCH</p>		<p>Frequency</p> <p>Auto Tune</p> <p>Center Freq 2.44100000 GHz</p> <p>Start Freq 2.438500000 GHz</p> <p>Stop Freq 2.443500000 GHz</p> <p>CF Step 500.000 kHz Auto Man</p> <p>Freq Offset 0 Hz</p>

<p>TT/4DQPSK/HCH</p>	 <p>Agilent Spectrum Analyzer - Sweep 5A</p> <p>Center Freq 2.48000000 GHz</p> <p>Ref Offset 8.49 dB Ref 30.00 dBm</p> <p>Mkr1 2.479 950 GHz 2.986 dBm</p> <p>Center 2.480000 GHz #Res BW 3.0 MHz #VBW 8.0 MHz Span 5.000 MHz Sweep 1.000 ms (1001 pts)</p>
<p>8DPSK/LCH</p>	 <p>Agilent Spectrum Analyzer - Sweep 5A</p> <p>Center Freq 2.40200000 GHz</p> <p>Ref Offset 8.59 dB Ref 30.00 dBm</p> <p>Mkr1 2.401 955 GHz 2.920 dBm</p> <p>Center 2.402000 GHz #Res BW 3.0 MHz #VBW 8.0 MHz Span 5.000 MHz Sweep 1.000 ms (1001 pts)</p>
<p>8DPSK/MCH</p>	 <p>Agilent Spectrum Analyzer - Sweep 5A</p> <p>Center Freq 2.44100000 GHz</p> <p>Ref Offset 8.49 dB Ref 30.00 dBm</p> <p>Mkr1 2.440 775 GHz 1.998 dBm</p> <p>Center 2.441000 GHz #Res BW 3.0 MHz #VBW 8.0 MHz Span 5.000 MHz Sweep 1.000 ms (1001 pts)</p>

8DPSK/HCH

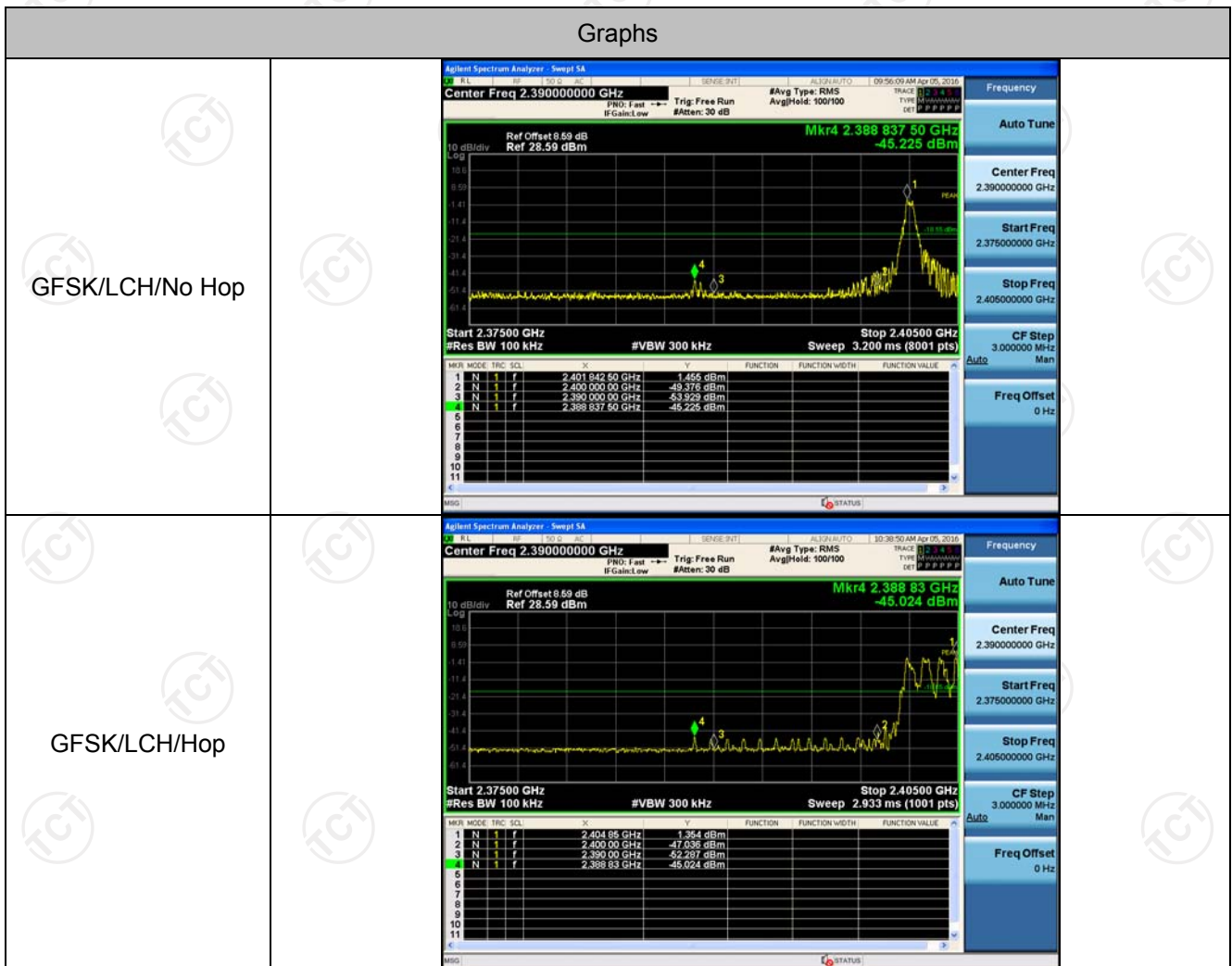


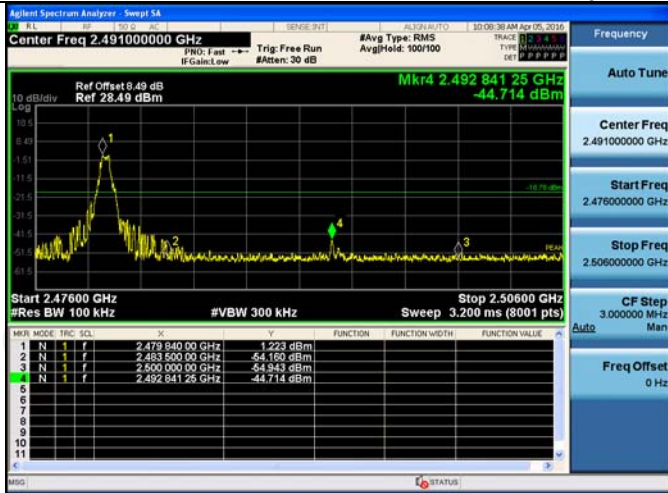
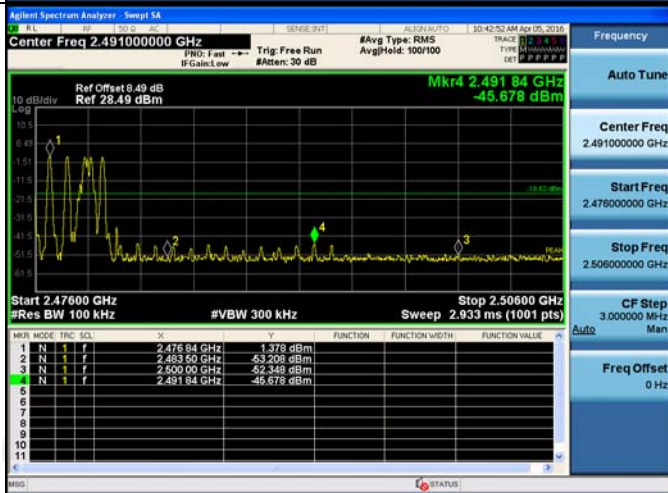
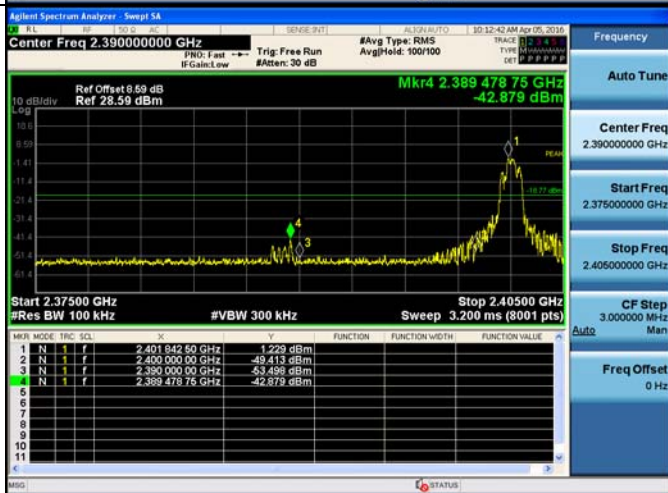
Band-edge for RF Conducted Emissions


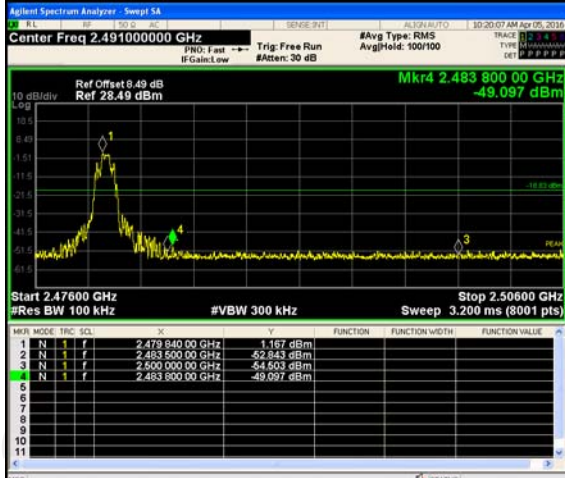
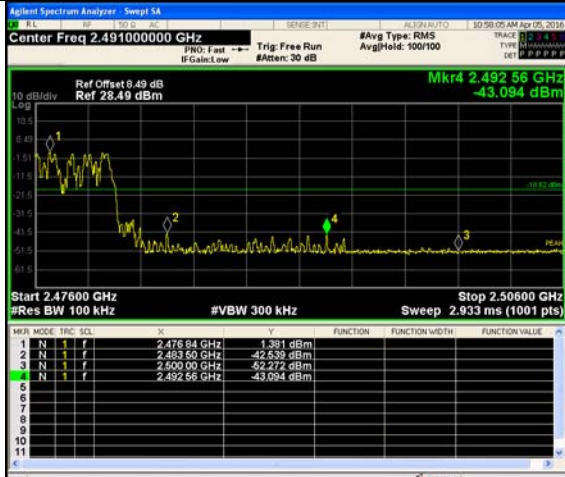
Result Table

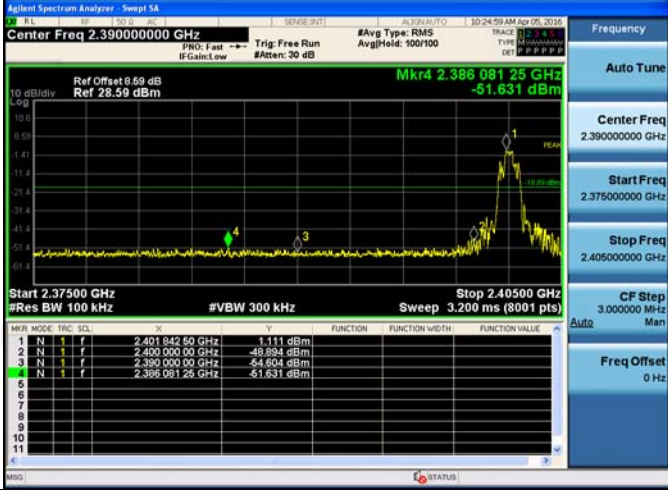
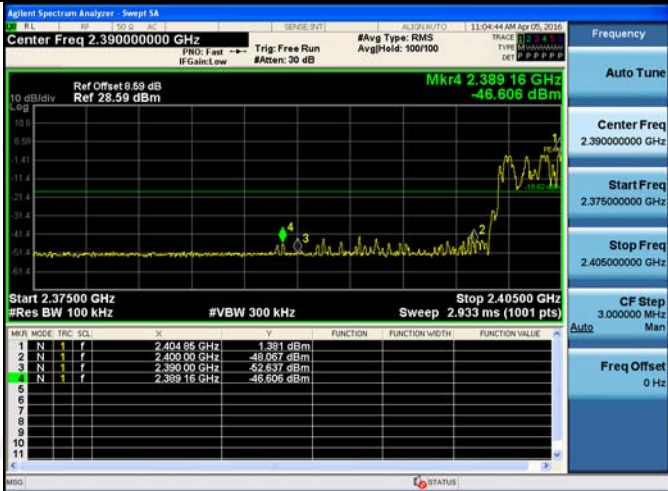
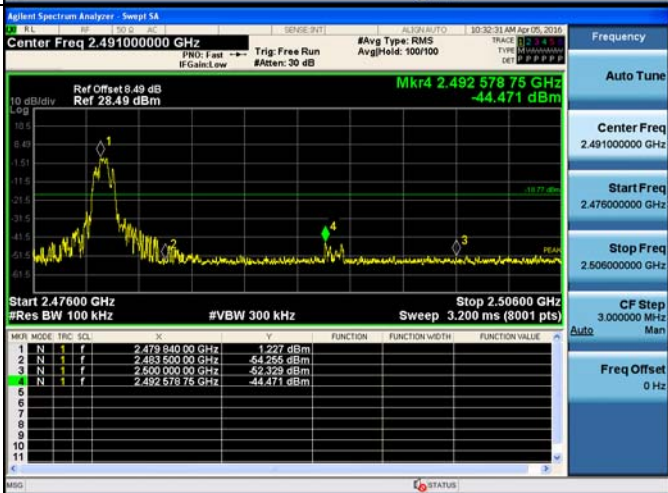
Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict
GFSK	LCH	2402	1.455	Off	-45.225	-18.55	PASS
			1.354	On	-45.024	-18.65	PASS
GFSK	HCH	2480	1.223	Off	-44.714	-18.78	PASS
			1.378	On	-45.678	-18.62	PASS
π/4DQPSK	LCH	2402	1.229	Off	-42.879	-18.77	PASS
			0.616	On	-46.479	-19.38	PASS
π/4DQPSK	HCH	2480	1.167	Off	-49.097	-18.83	PASS
			1.381	On	-43.094	-18.62	PASS
8DPSK	LCH	2402	1.111	Off	-51.631	-18.89	PASS
			1.381	On	-46.606	-18.62	PASS
8DPSK	HCH	2480	1.227	Off	-44.471	-18.77	PASS
			1.383	On	-42.513	-18.62	PASS

Test Graph

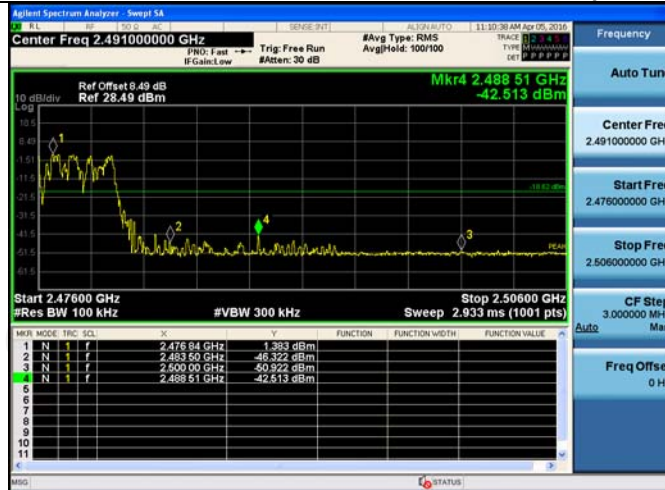


<p>GFSK/HCH/No Hop</p>	
<p>GFSK/HCH/Hop</p>	
<p>$\pi/4$DQPSK/LCH/No Hop</p>	

<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>2.40413 GHz</td> <td>0.616 dBm</td> <td></td> <td></td> <td></td> </tr> <tr> <td>2</td> <td>N</td> <td>1</td> <td>f</td> <td>2.40000 GHz</td> <td>-46.043 dBm</td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td>N</td> <td>1</td> <td>f</td> <td>2.39900 GHz</td> <td>-51.772 dBm</td> <td></td> <td></td> <td></td> </tr> <tr> <td>4</td> <td>N</td> <td>1</td> <td>f</td> <td>2.39879 GHz</td> <td>-46.479 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	2.40413 GHz	0.616 dBm				2	N	1	f	2.40000 GHz	-46.043 dBm				3	N	1	f	2.39900 GHz	-51.772 dBm				4	N	1	f	2.39879 GHz	-46.479 dBm			
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<p>8DPSK/LCH/No Hop</p>	
<p>8DPSK/LCH/Hop</p>	
<p>8DPSK/HCH/No Hop</p>	

8DPSK/HCH/Hop

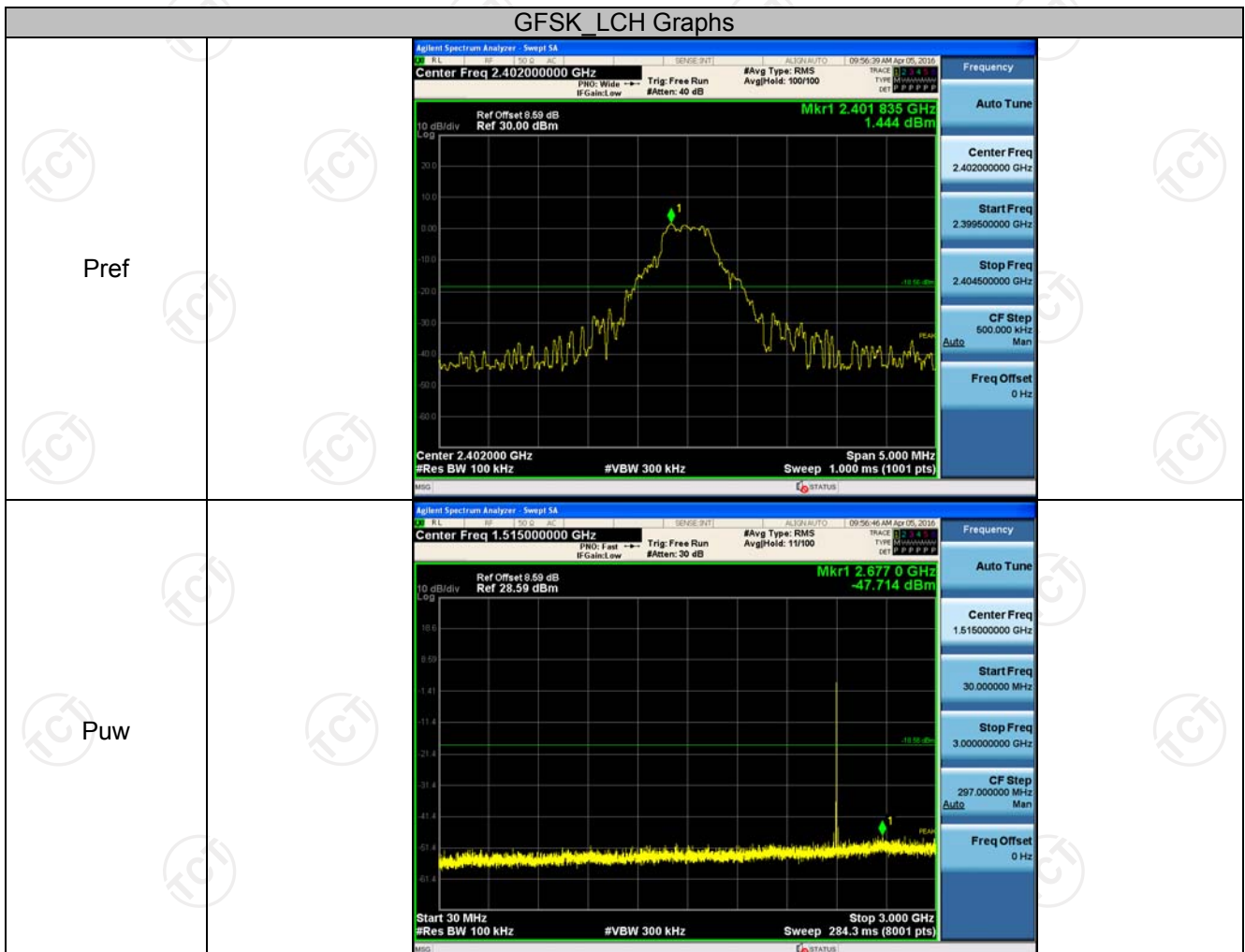


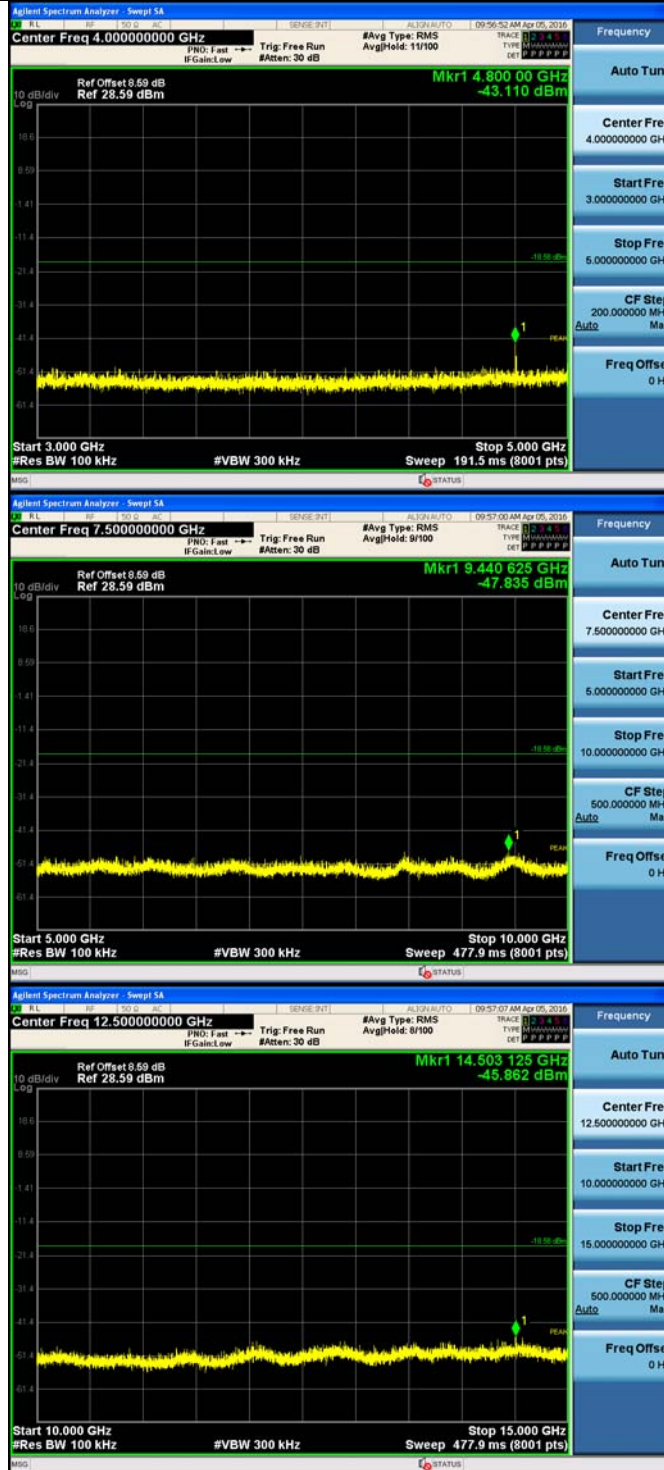
RF Conducted Spurious Emissions

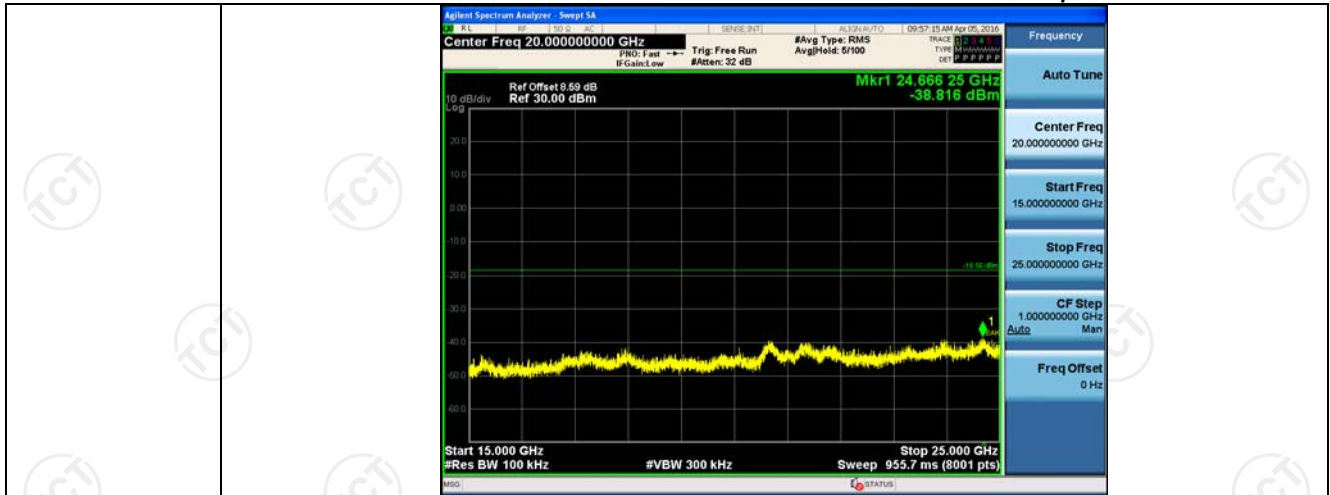
Result Table

Mode	Channel	Pref [dBm]	Puw[dBm]	Verdict
GFSK	LCH	1.444	<Limit	PASS
GFSK	MCH	-0.27	<Limit	PASS
GFSK	HCH	1.252	<Limit	PASS
π /4DQPSK	LCH	1.249	<Limit	PASS
π /4DQPSK	MCH	-0.26	<Limit	PASS
π /4DQPSK	HCH	1.129	<Limit	PASS
8DPSK	LCH	1.156	<Limit	PASS
8DPSK	MCH	-0.287	<Limit	PASS
8DPSK	HCH	1.236	<Limit	PASS

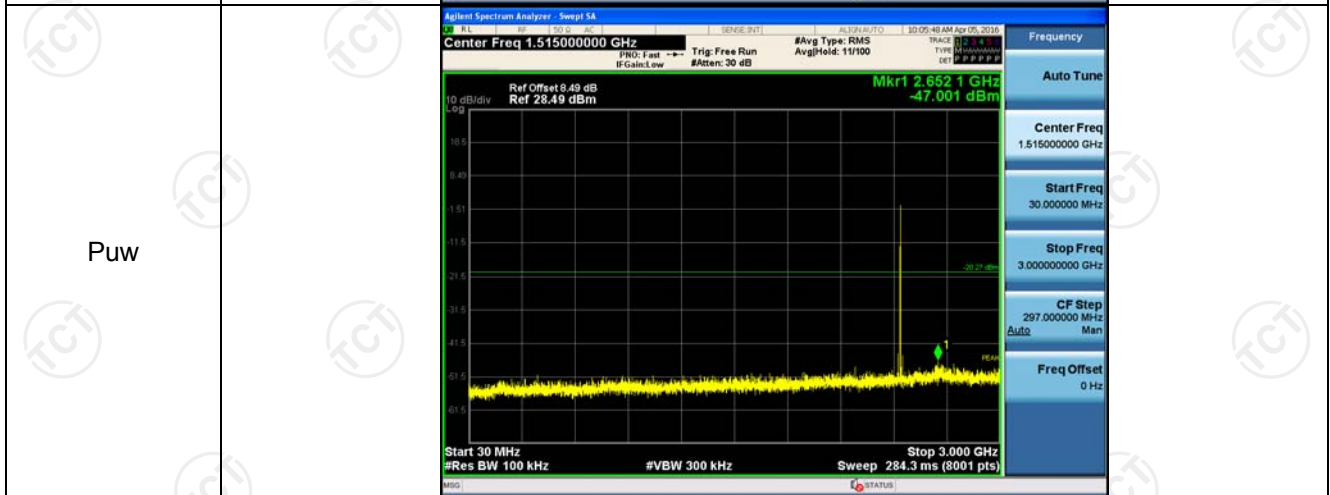
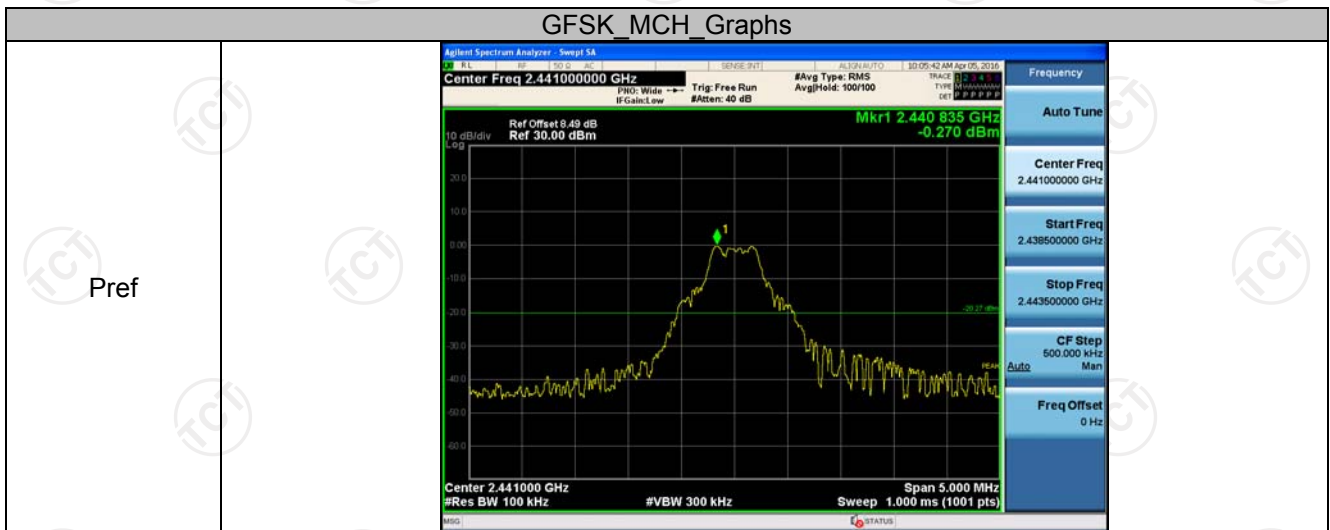
Test Graph

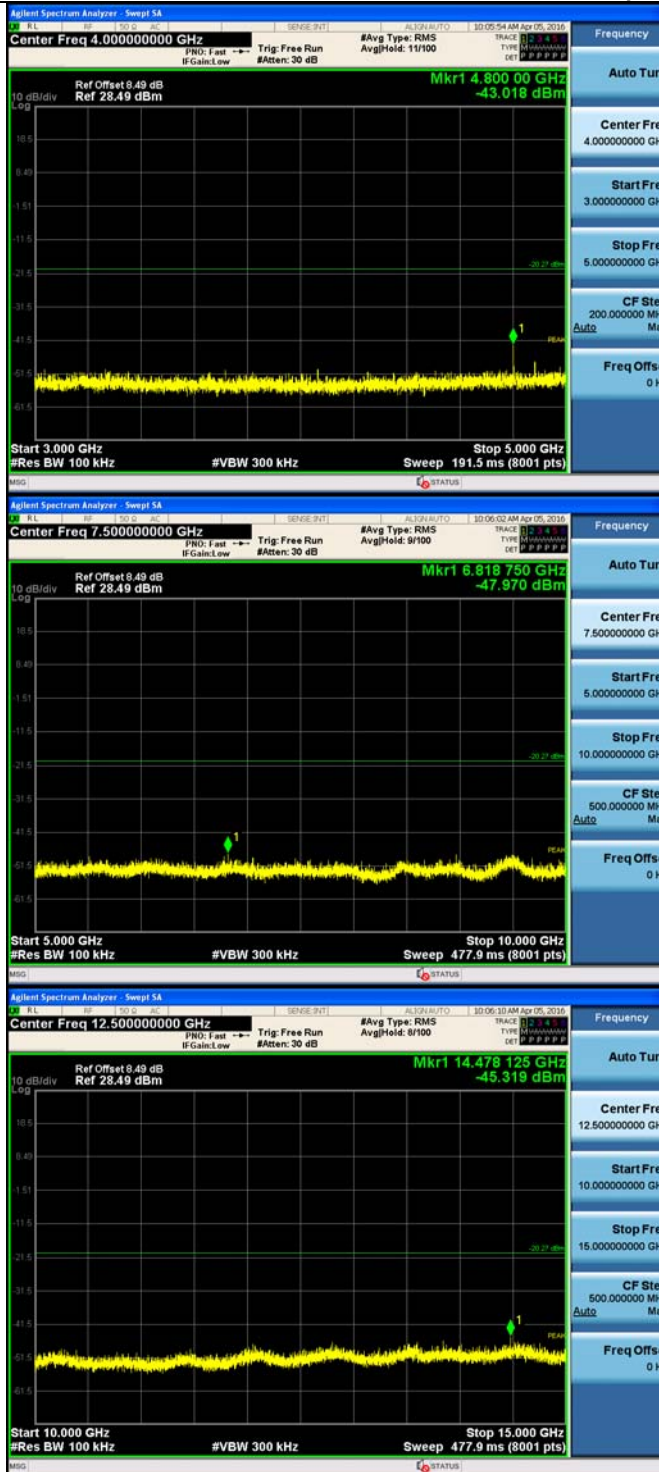


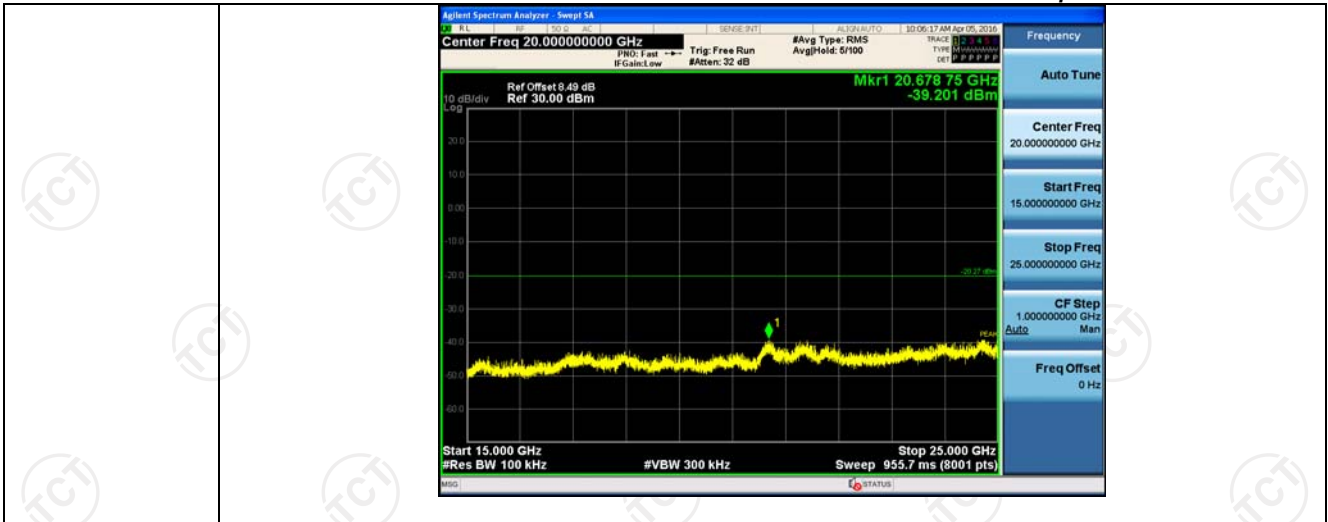




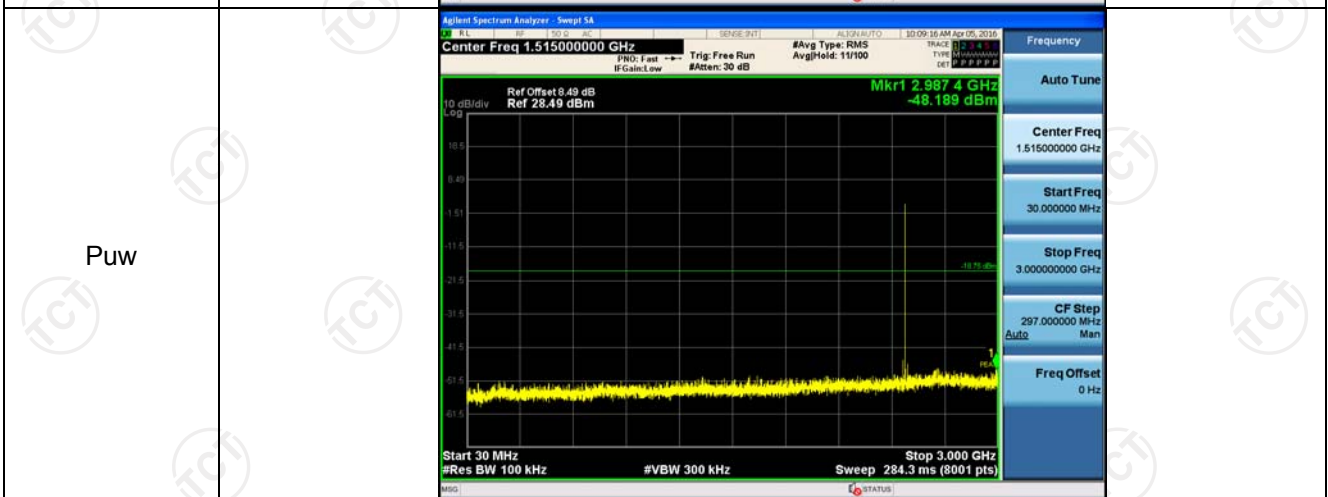
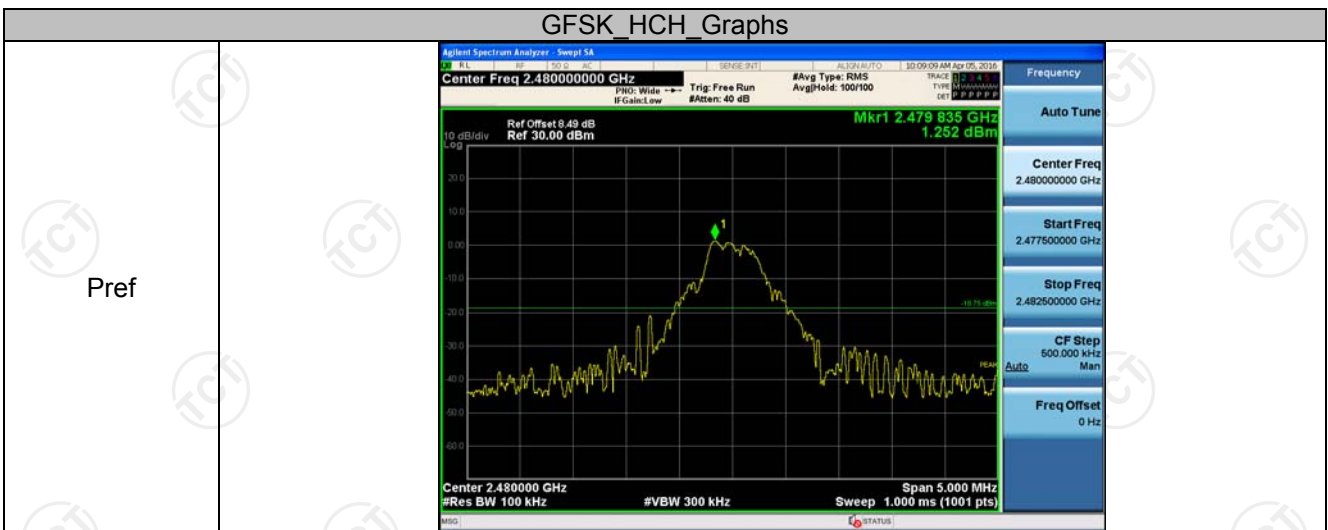
GFSK MCH Graphs

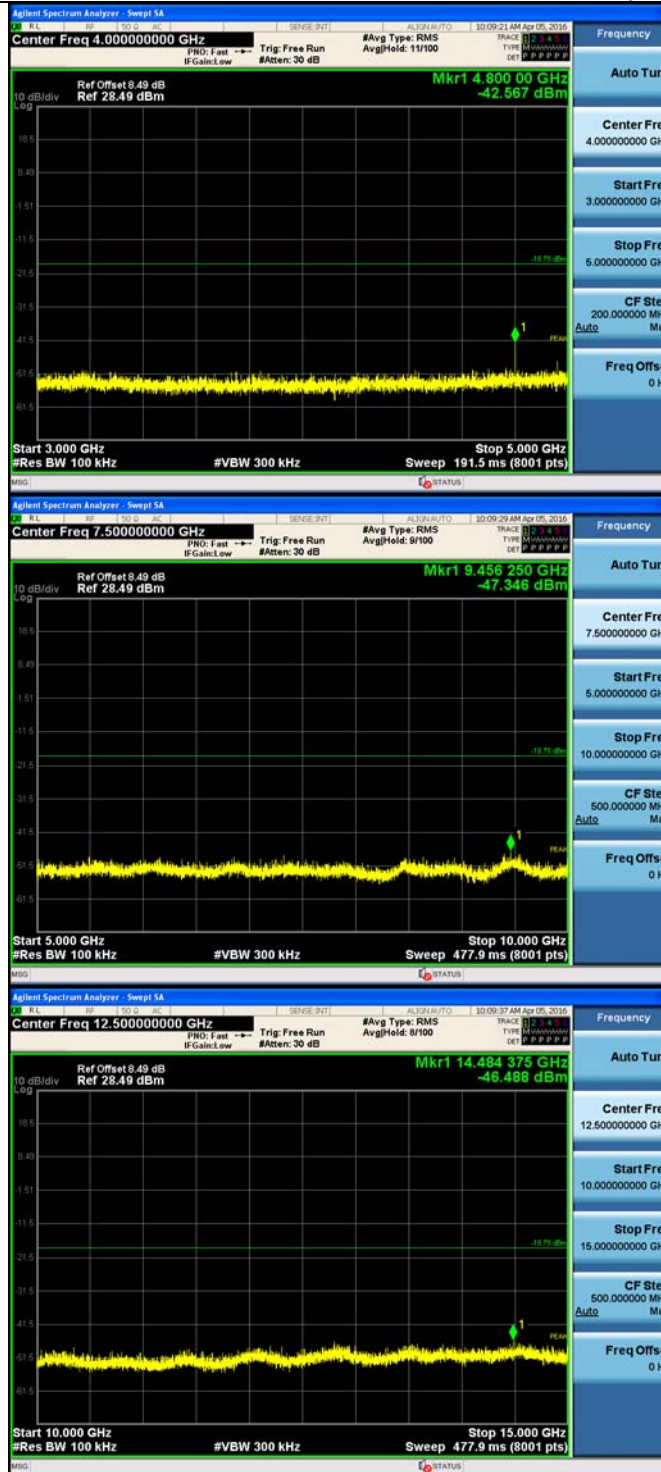


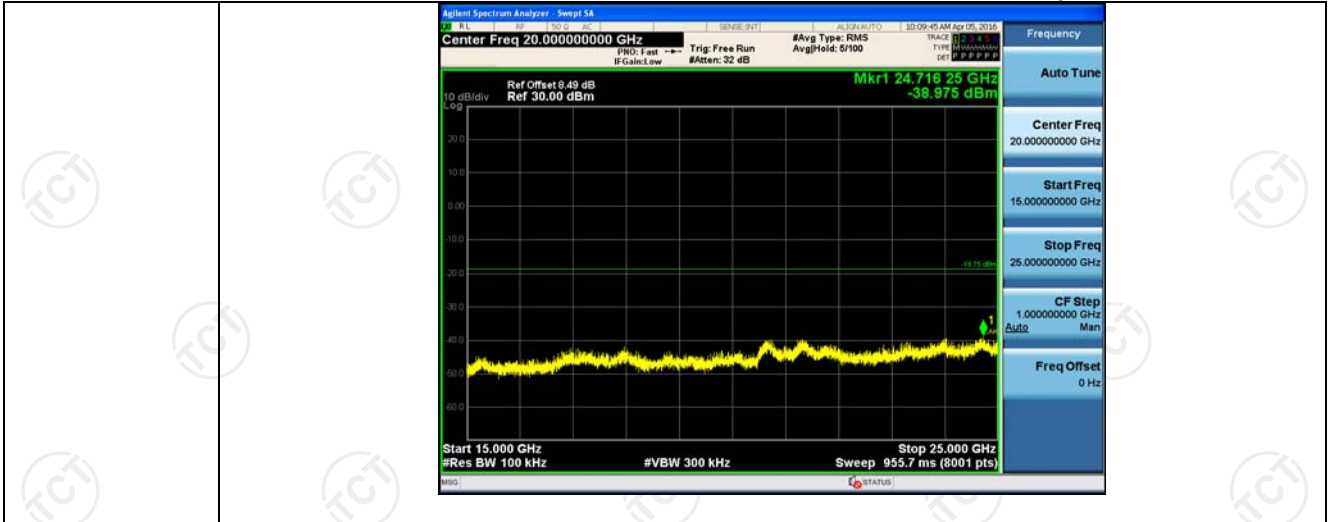




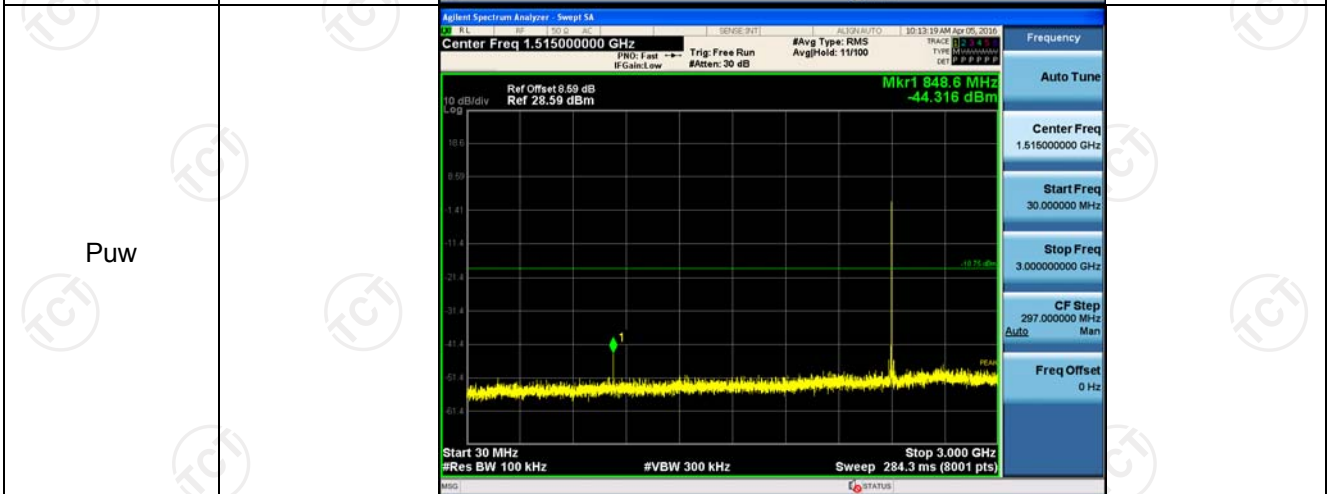
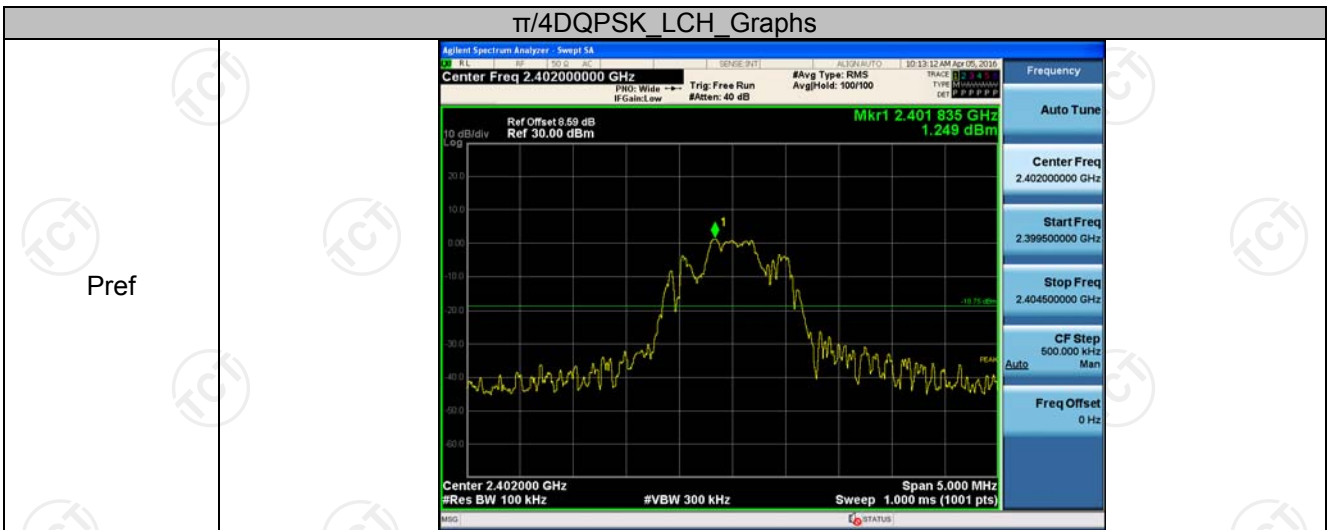
GFSK HCH Graphs

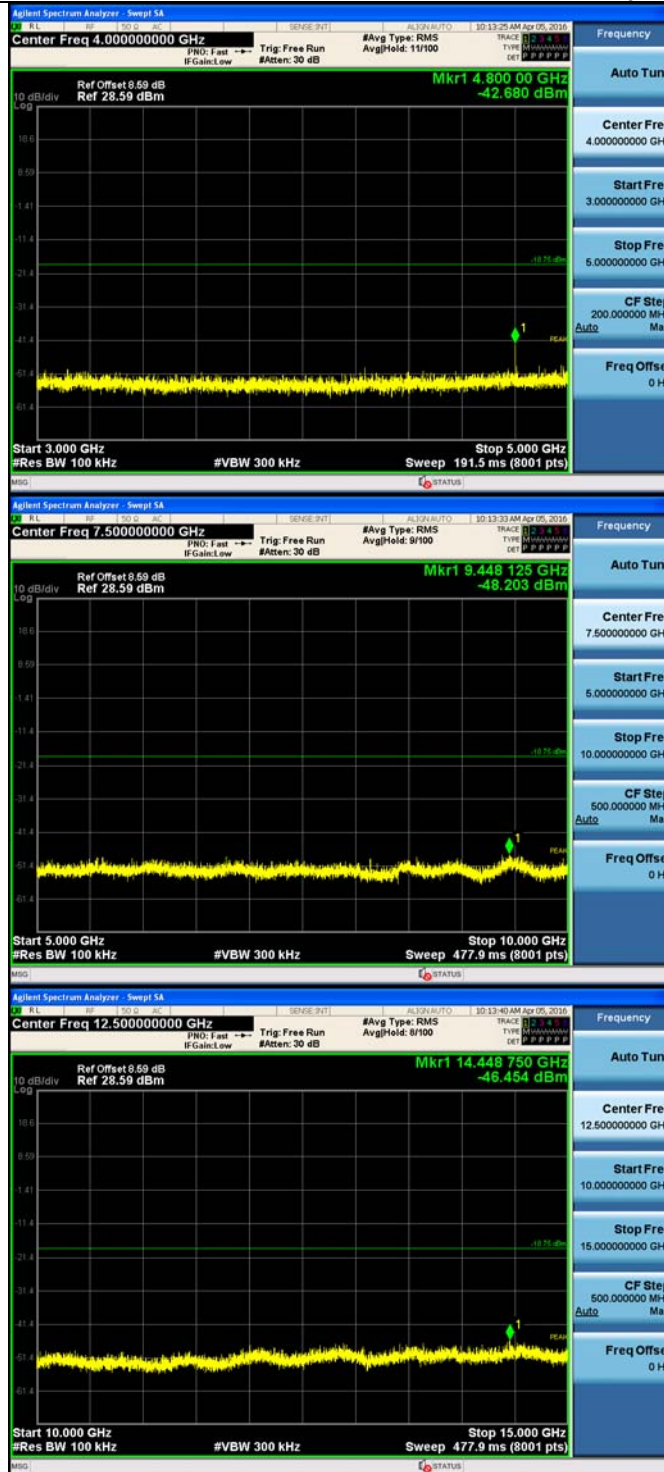


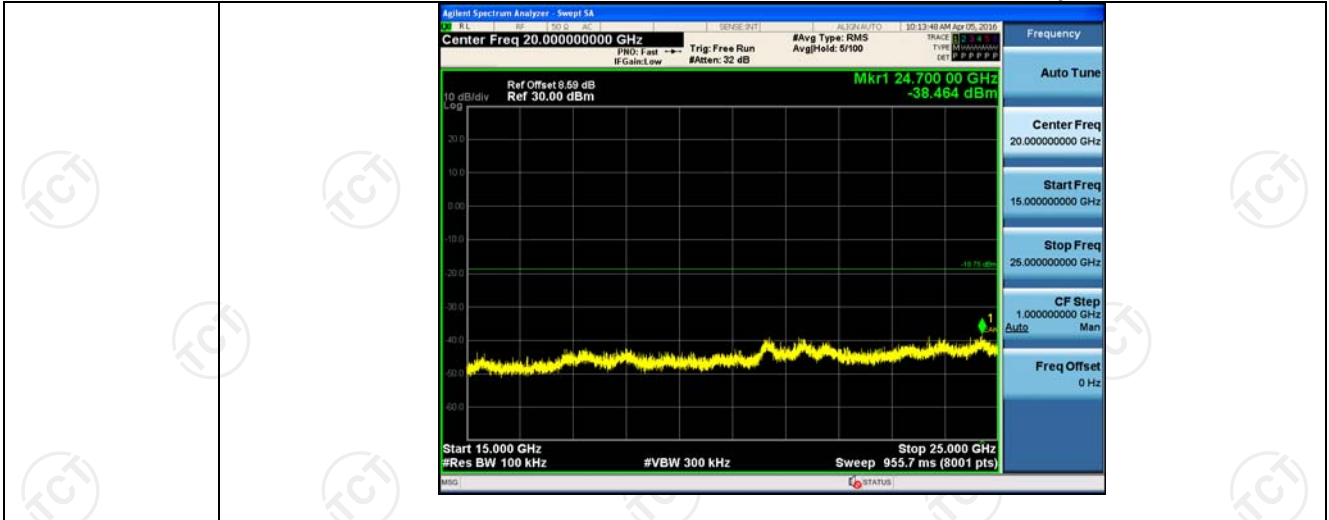




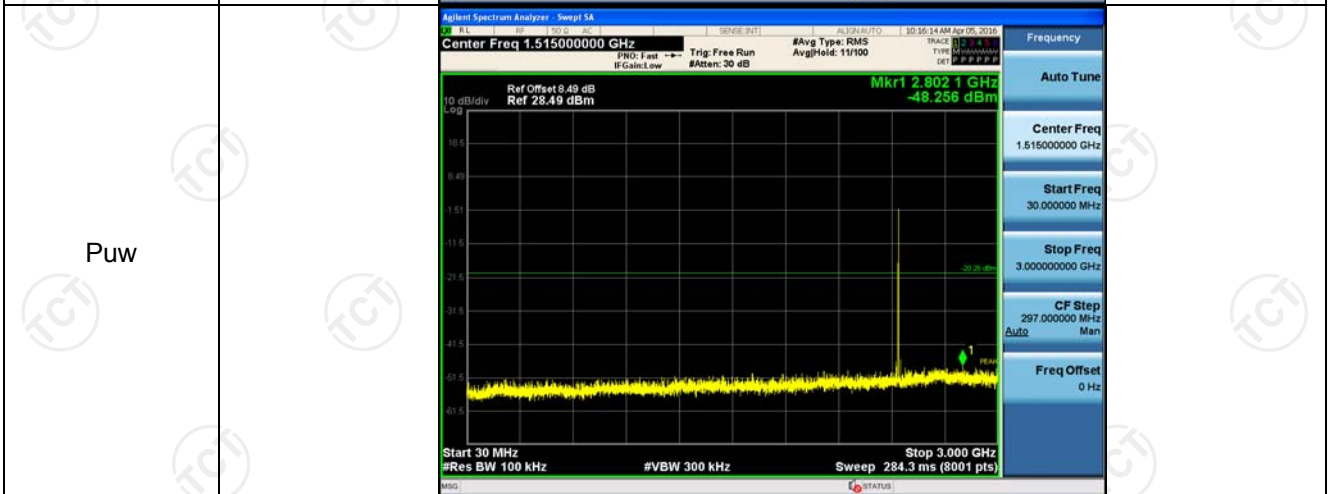
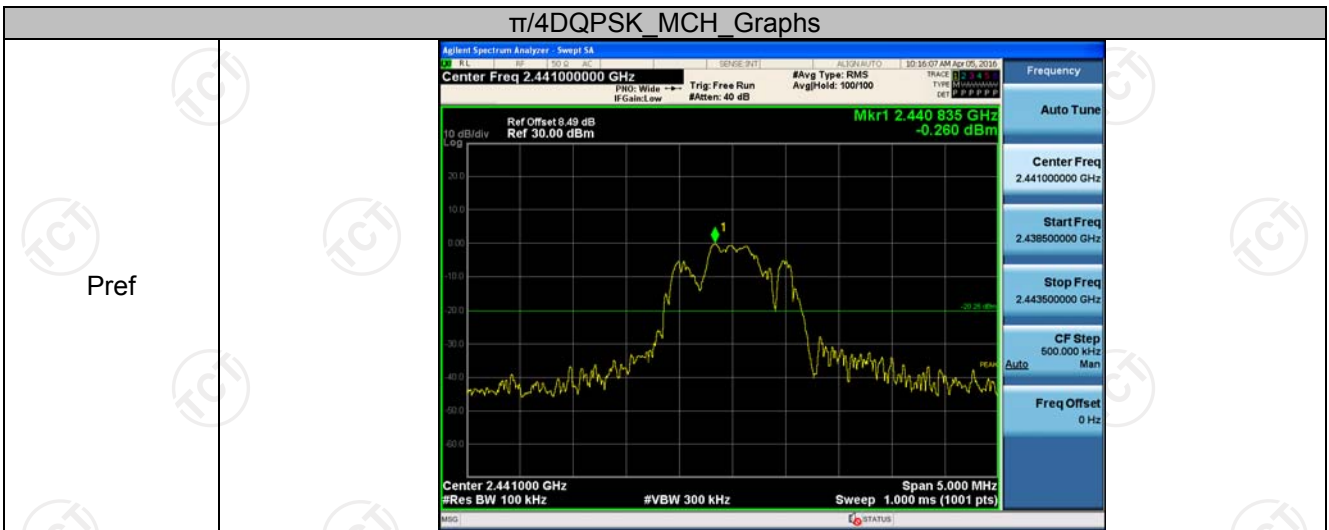
$\pi/4$ DQPSK LCH_Graphs

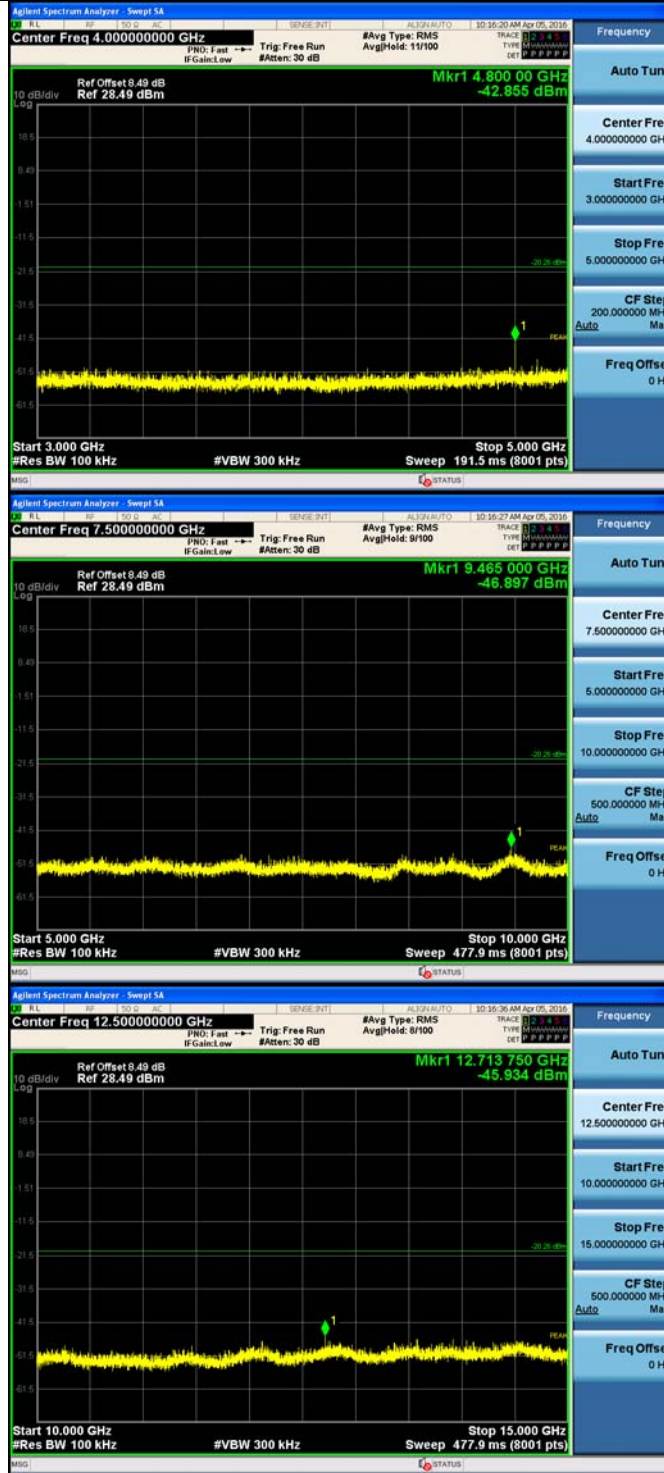


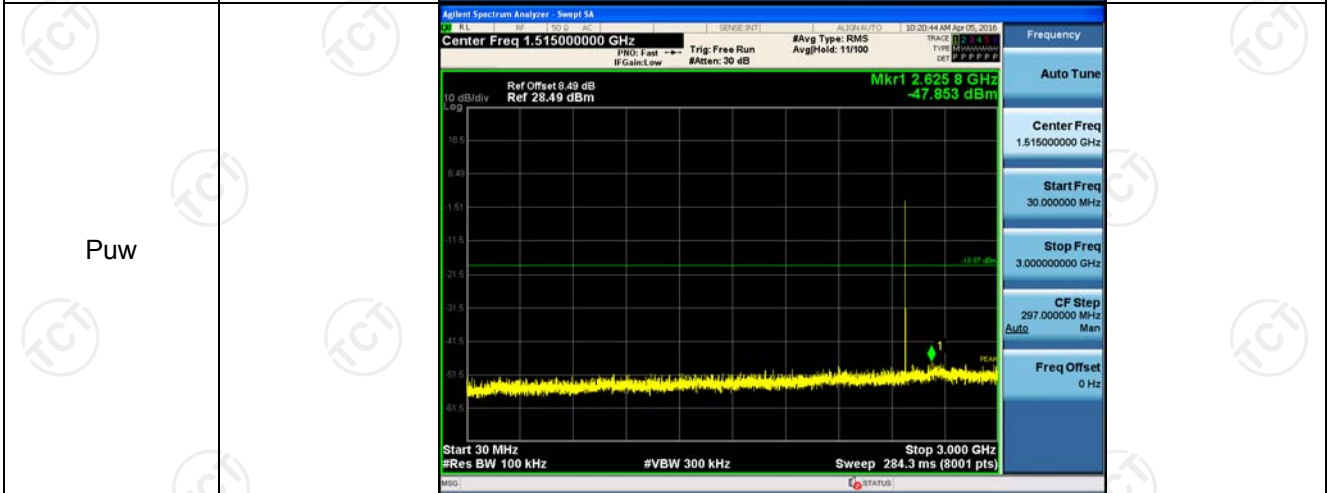
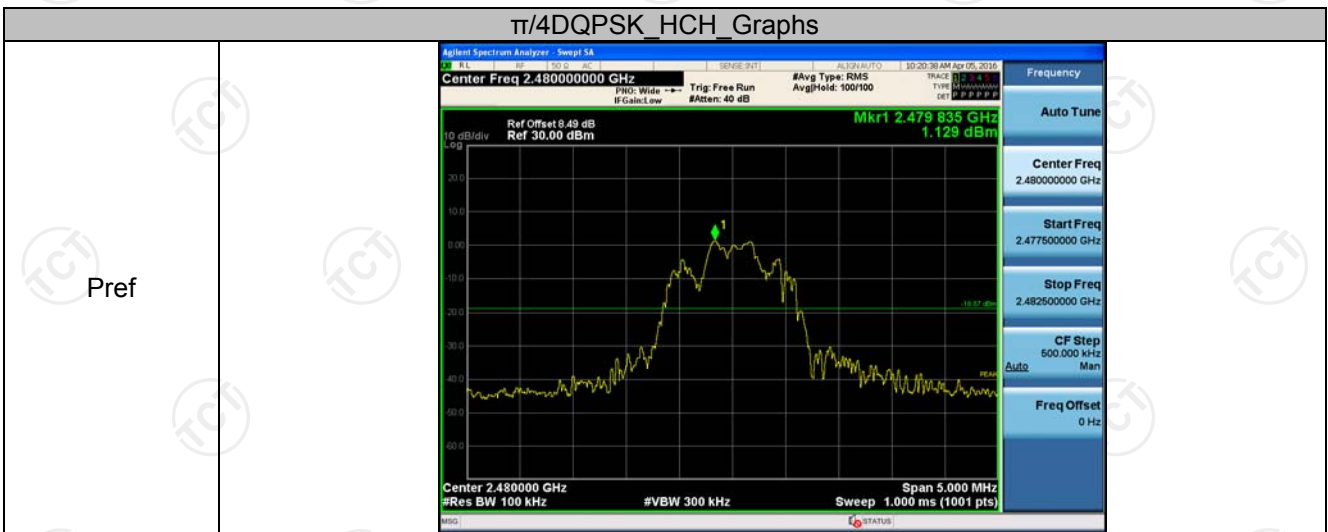
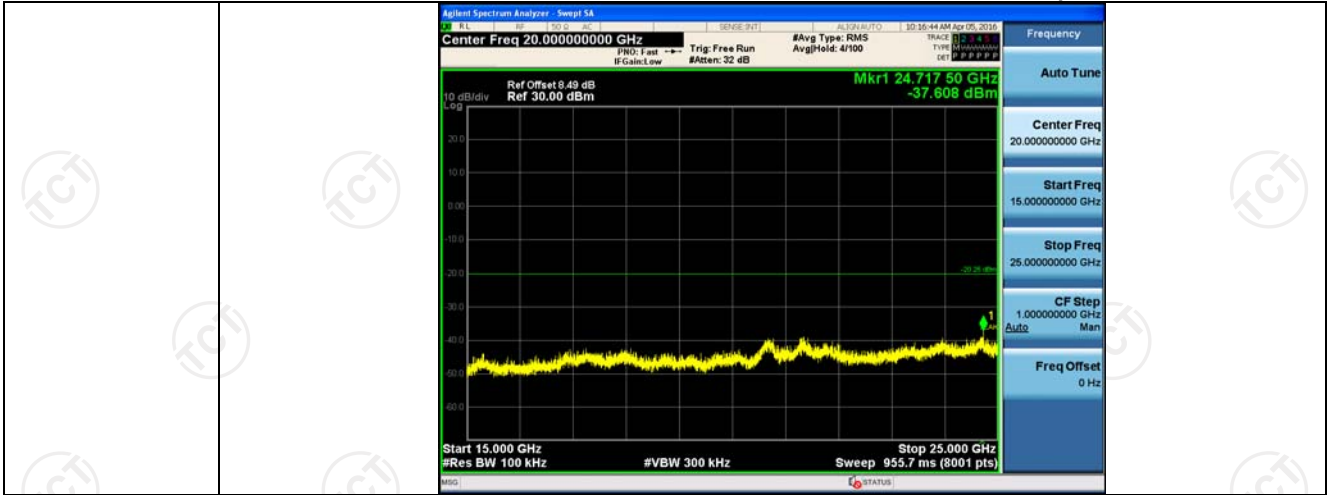


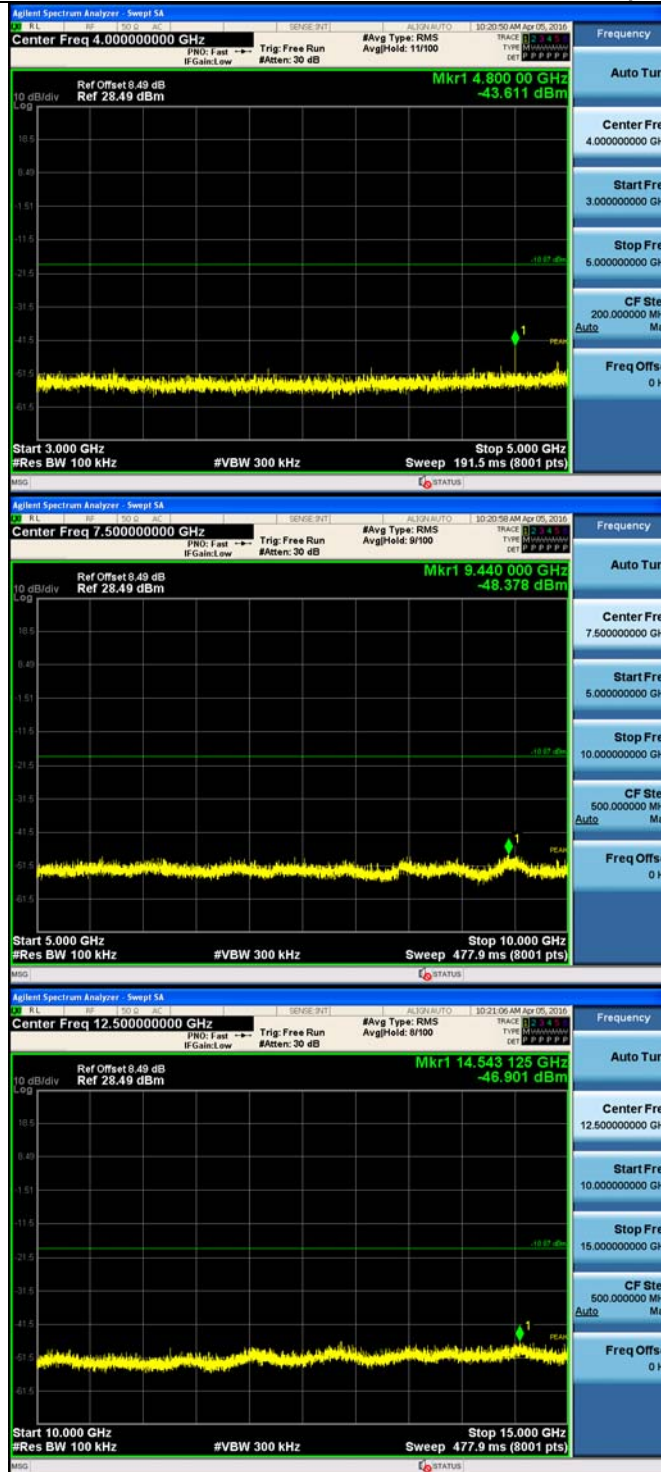


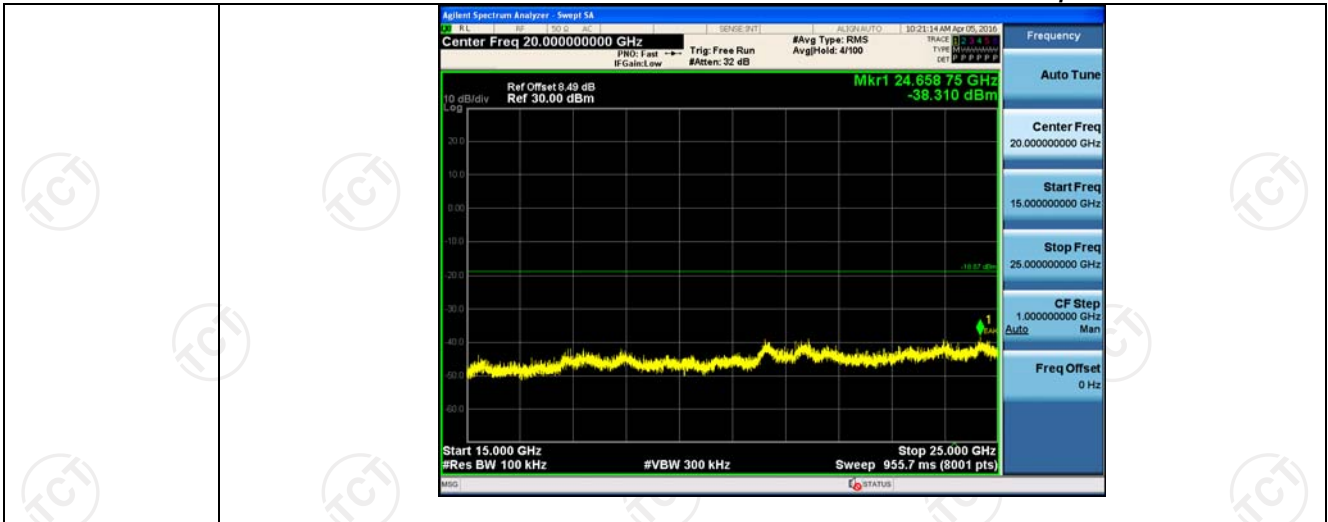
$\pi/4$ DQPSK_MCH_Graphs



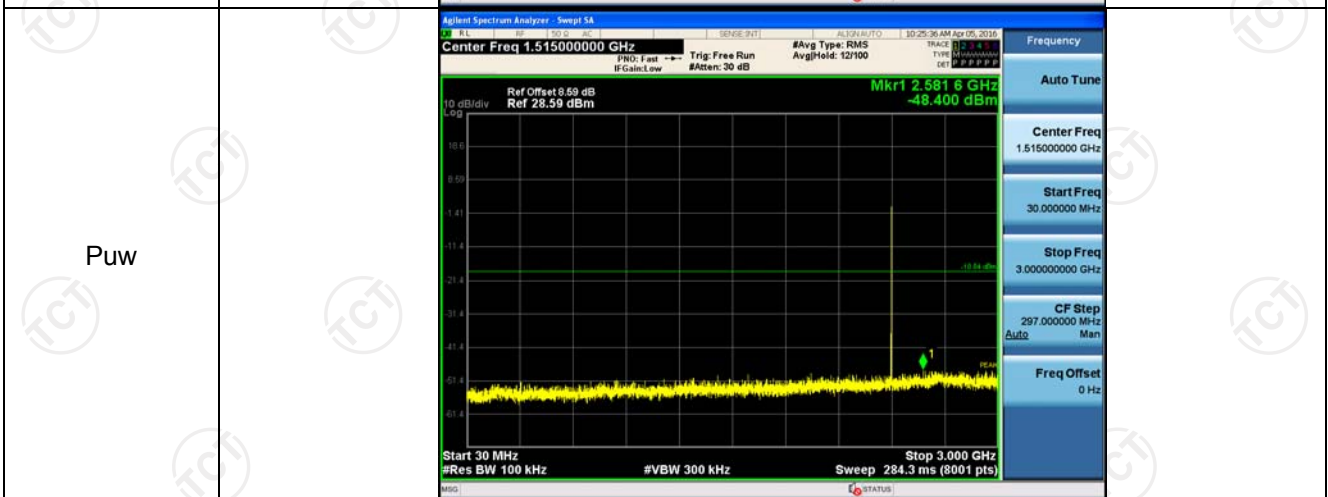
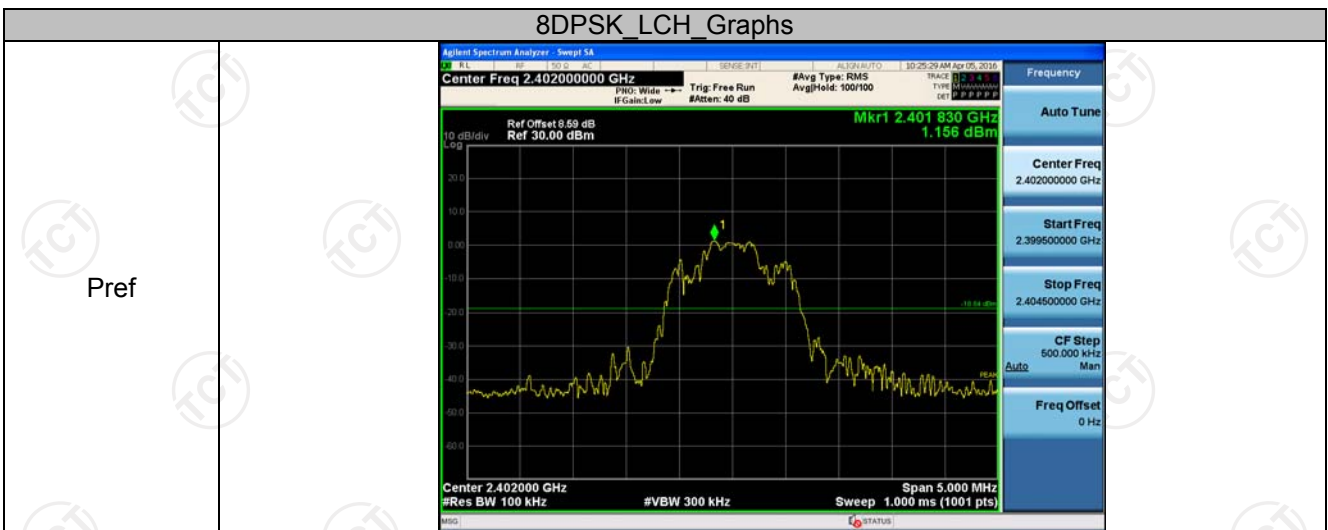


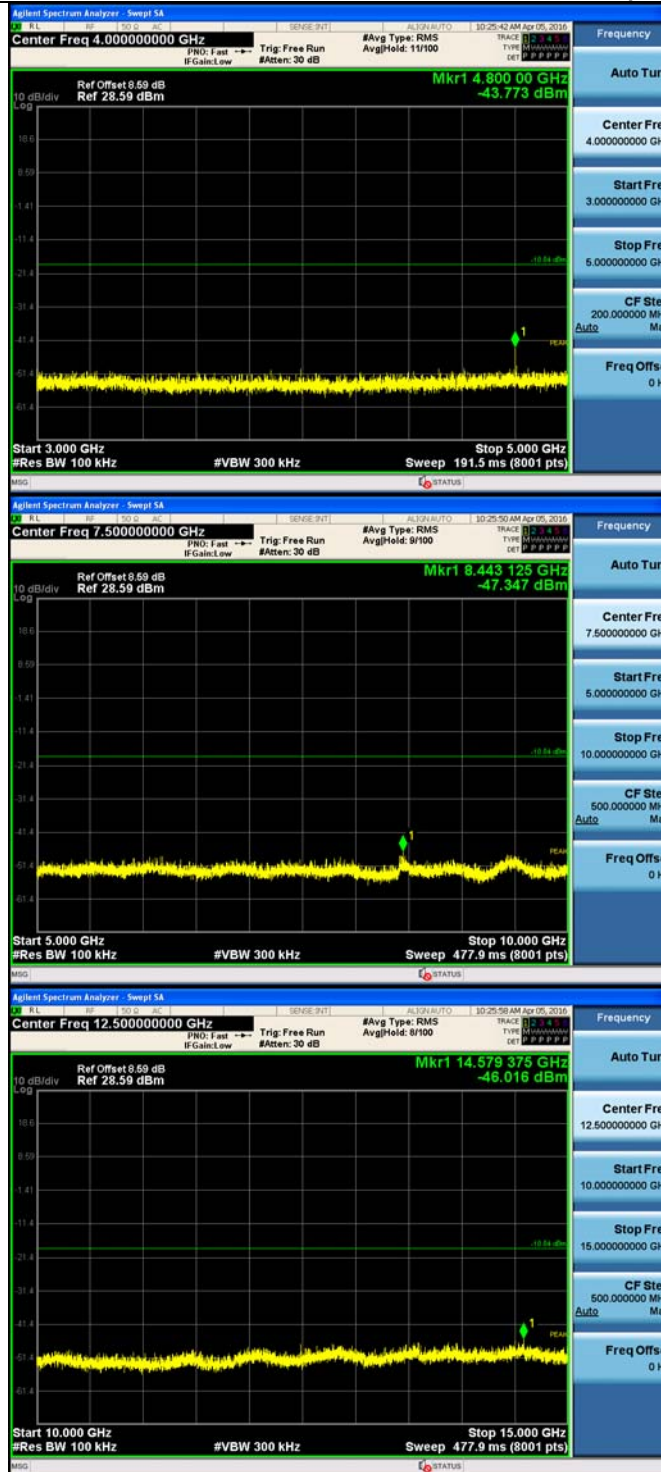


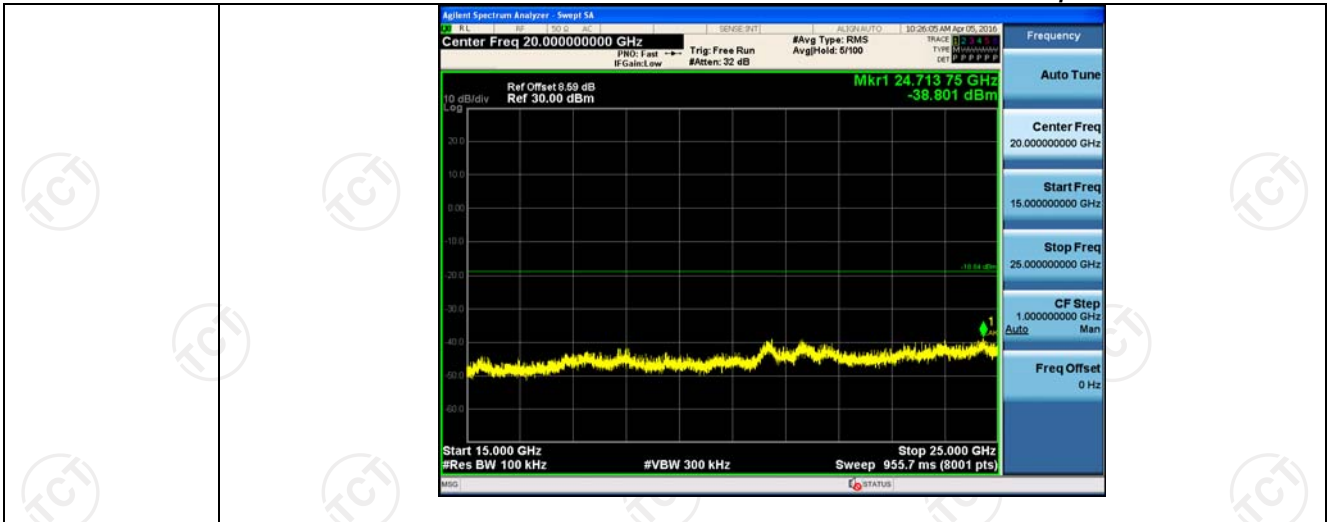




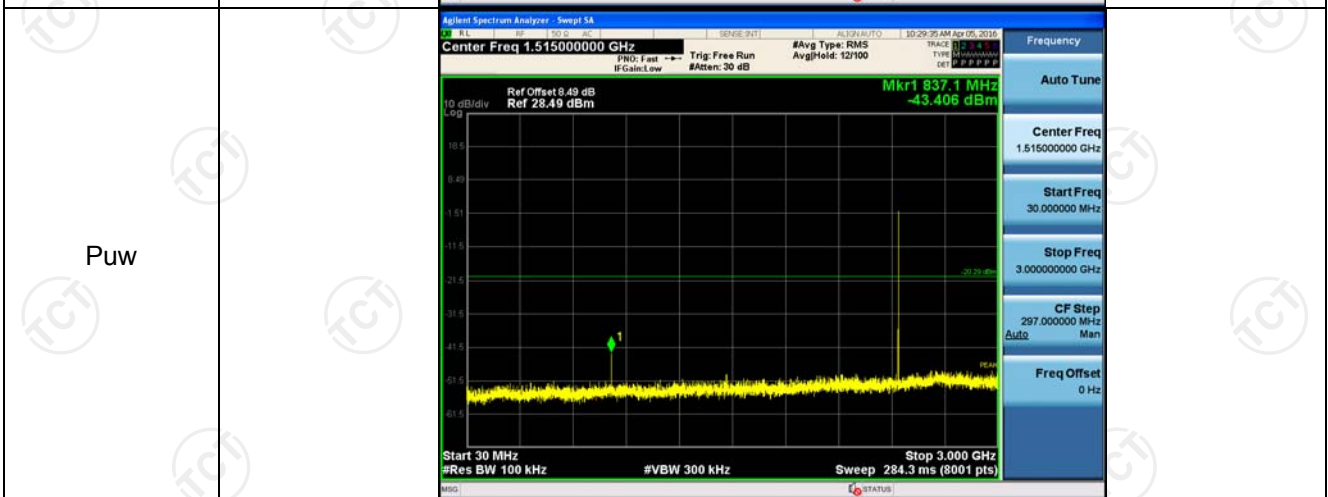
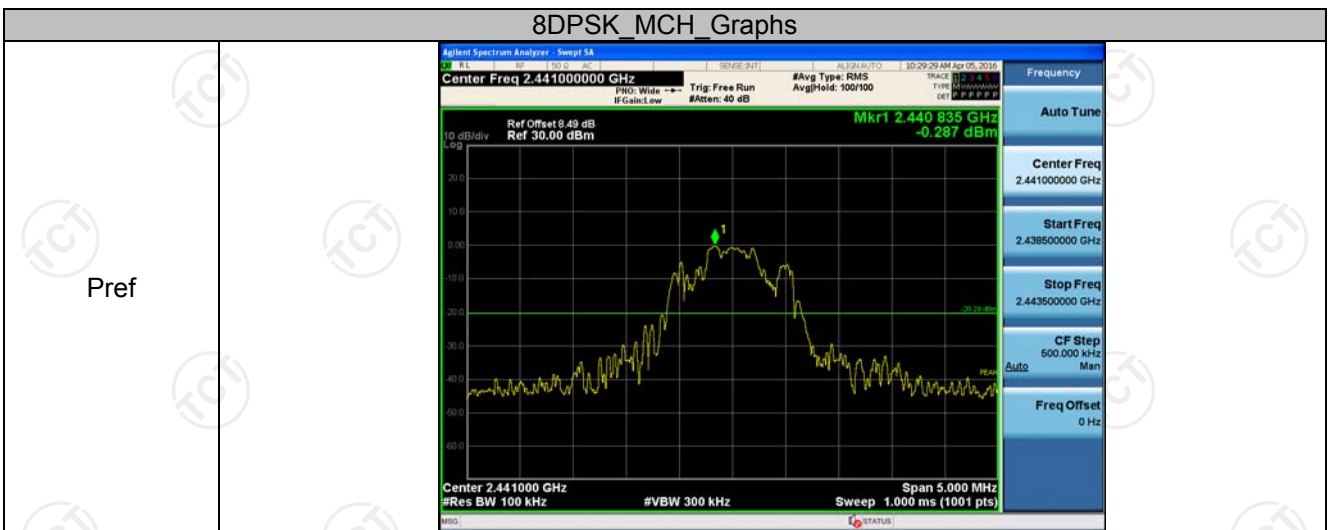
8DPSK LCH_Graphs

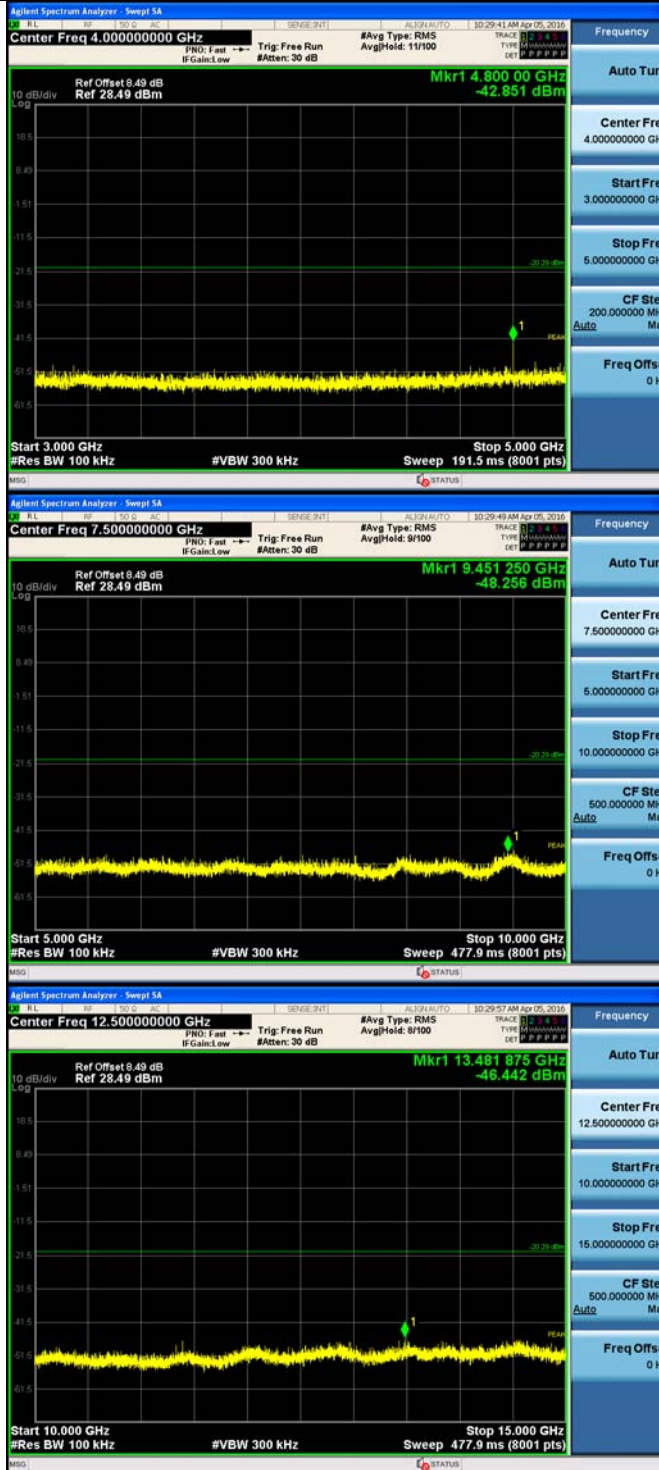


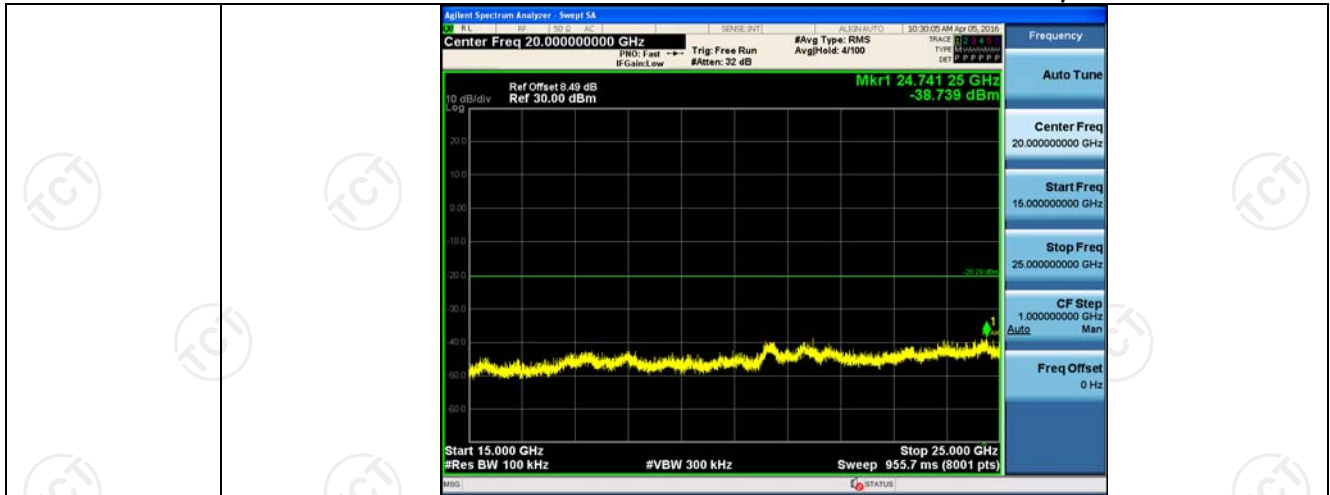




8DPSK MCH_Graphs







8DPSK HCH Graphs

