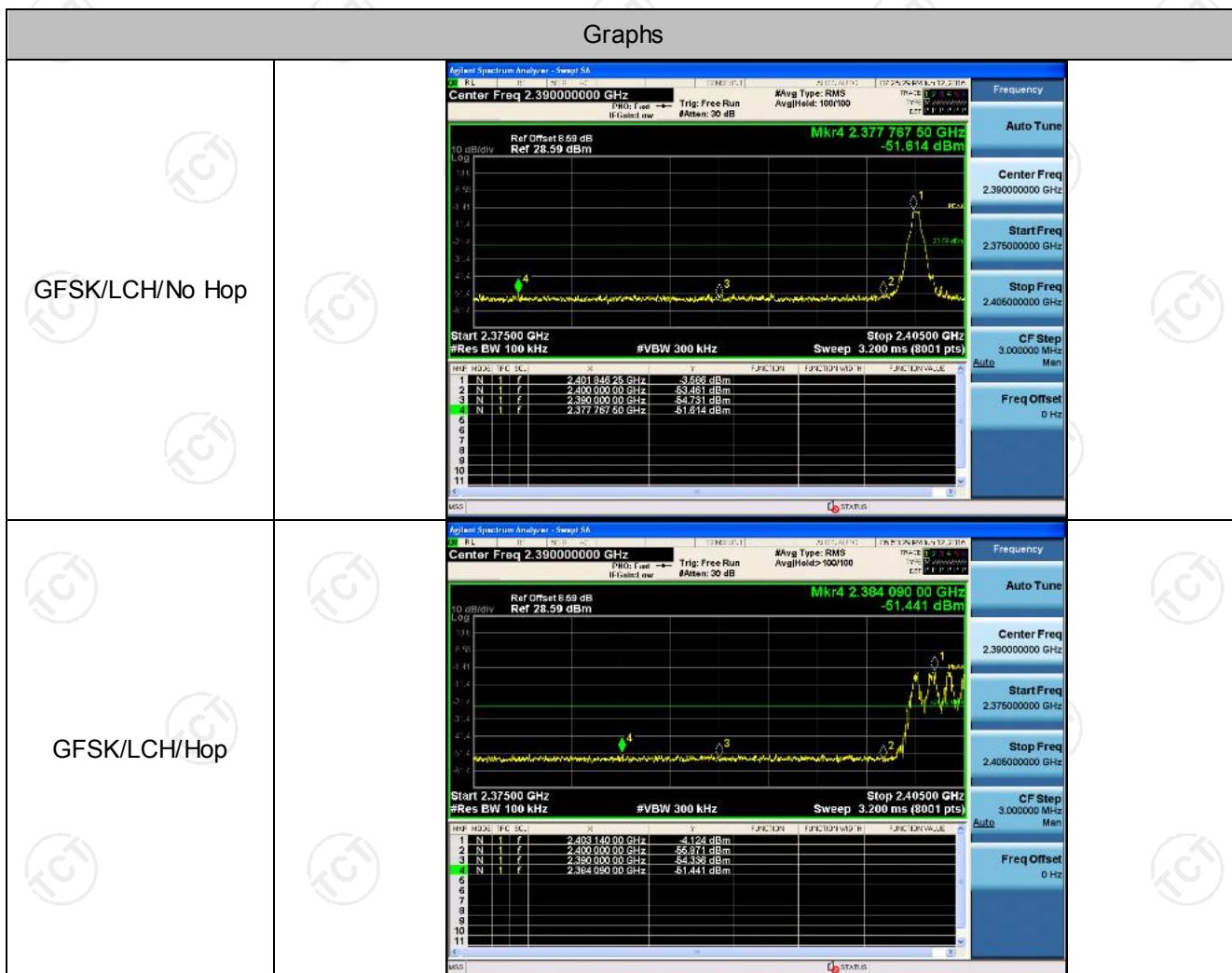


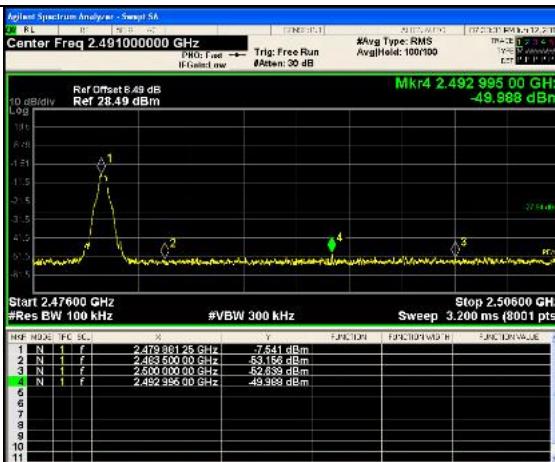
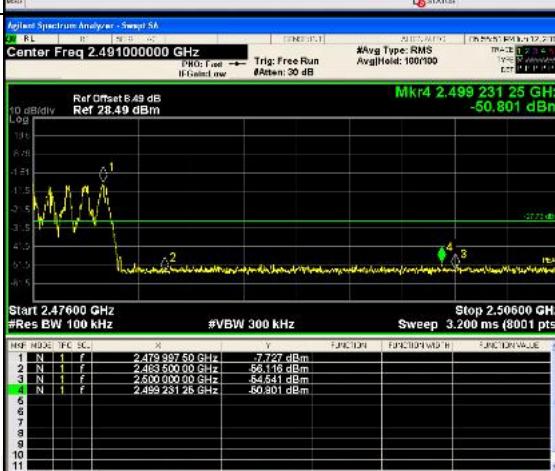
Band-edge for RF Conducted Emissions

Result Table

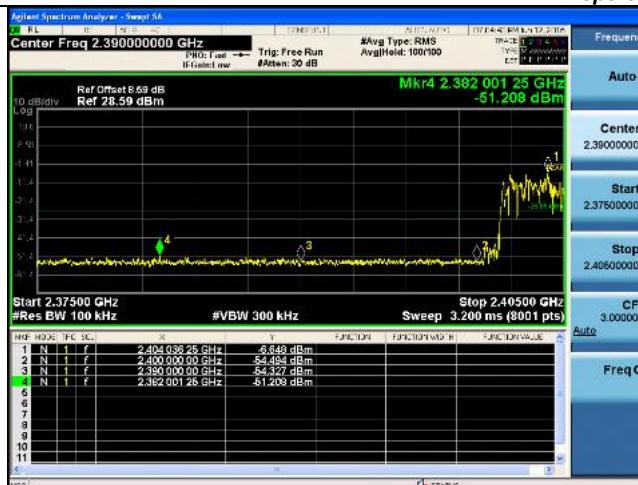
Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict
GFSK	LCH	2402	-3.586	Off	-51.614	-23.59	PASS
			-4.124	On	-51.441	-24.12	PASS
GFSK	HCH	2480	-7.541	Off	-49.988	-27.54	PASS
			-7.727	On	-50.801	-27.73	PASS
$\pi/4$ DQPSK	LCH	2402	-3.682	Off	-51.727	-23.68	PASS
			-6.648	On	-51.208	-26.65	PASS
$\pi/4$ DQPSK	HCH	2480	-7.582	Off	-51.030	-27.58	PASS
			-11.091	On	-51.023	-31.09	PASS
8DPSK	LCH	2402	-3.649	Off	-52.099	-23.65	PASS
			-4.336	On	-51.652	-24.34	PASS
8DPSK	HCH	2480	-7.267	Off	-51.268	-27.27	PASS
			-7.812	On	-51.267	-27.81	PASS

Test Graph



GFSK/HCH/No Hop	 <p>Agilent Spectrum Analyzer - Sweep SA Center Freq 2.491000000 GHz PRO: Free Run Trig: Free Run #Res BW 100 kHz Avg Type: RMS Avg Hold: 100/100</p> <table border="1"> <thead> <tr> <th>HFQ</th> <th>FC SC.</th> <th>X</th> <th>Y</th> <th>FUNCTION</th> <th>FUNCTION MODE</th> <th>FUNCTION VALUE</th> </tr> </thead> <tbody> <tr><td>1</td><td>N 1</td><td>f</td><td>2.473 962 26 GHz</td><td>-7.541 dBm</td><td></td><td></td></tr> <tr><td>2</td><td>N 1</td><td>f</td><td>2.476 000 00 GHz</td><td>-55.624 dBm</td><td></td><td></td></tr> <tr><td>3</td><td>N 1</td><td>f</td><td>2.500 000 00 GHz</td><td>-52.639 dBm</td><td></td><td></td></tr> <tr><td>4</td><td>N 1</td><td>f</td><td>2.492 995 00 GHz</td><td>-49.988 dBm</td><td></td><td></td></tr> <tr><td>5</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>6</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>7</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>8</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>9</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>10</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>11</td><td></td><td></td><td></td><td></td><td></td><td></td></tr> </tbody> </table>	HFQ	FC SC.	X	Y	FUNCTION	FUNCTION MODE	FUNCTION VALUE	1	N 1	f	2.473 962 26 GHz	-7.541 dBm			2	N 1	f	2.476 000 00 GHz	-55.624 dBm			3	N 1	f	2.500 000 00 GHz	-52.639 dBm			4	N 1	f	2.492 995 00 GHz	-49.988 dBm			5							6							7							8							9							10							11						
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$\pi/4$ DQPSK/LCH/Hop



Frequency
Auto Tune

Center Freq
2.390000000 GHz

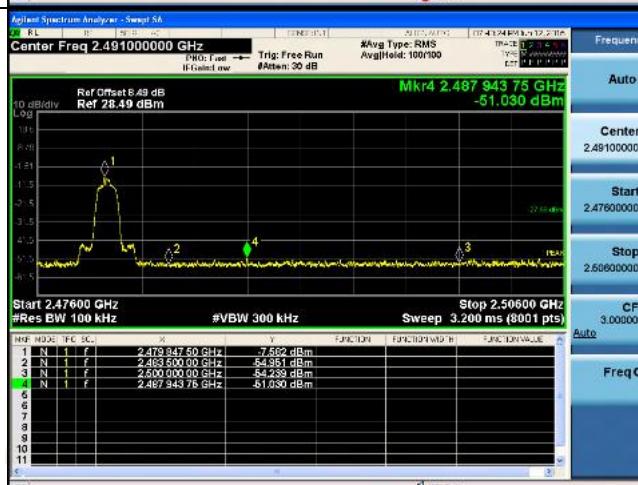
Start Freq
2.375000000 GHz

Stop Freq
2.405000000 GHz

CF Step
3.000000 MHz
Auto

Freq Offset
0 Hz

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



Frequency
Auto Tune

Center Freq
2.491000000 GHz

Start Freq
2.476000000 GHz

Stop Freq
2.506000000 GHz

CF Step
3.000000 MHz
Auto

Freq Offset
0 Hz

$\pi/4$ DQPSK/HCH/Hop



Frequency
Auto Tune

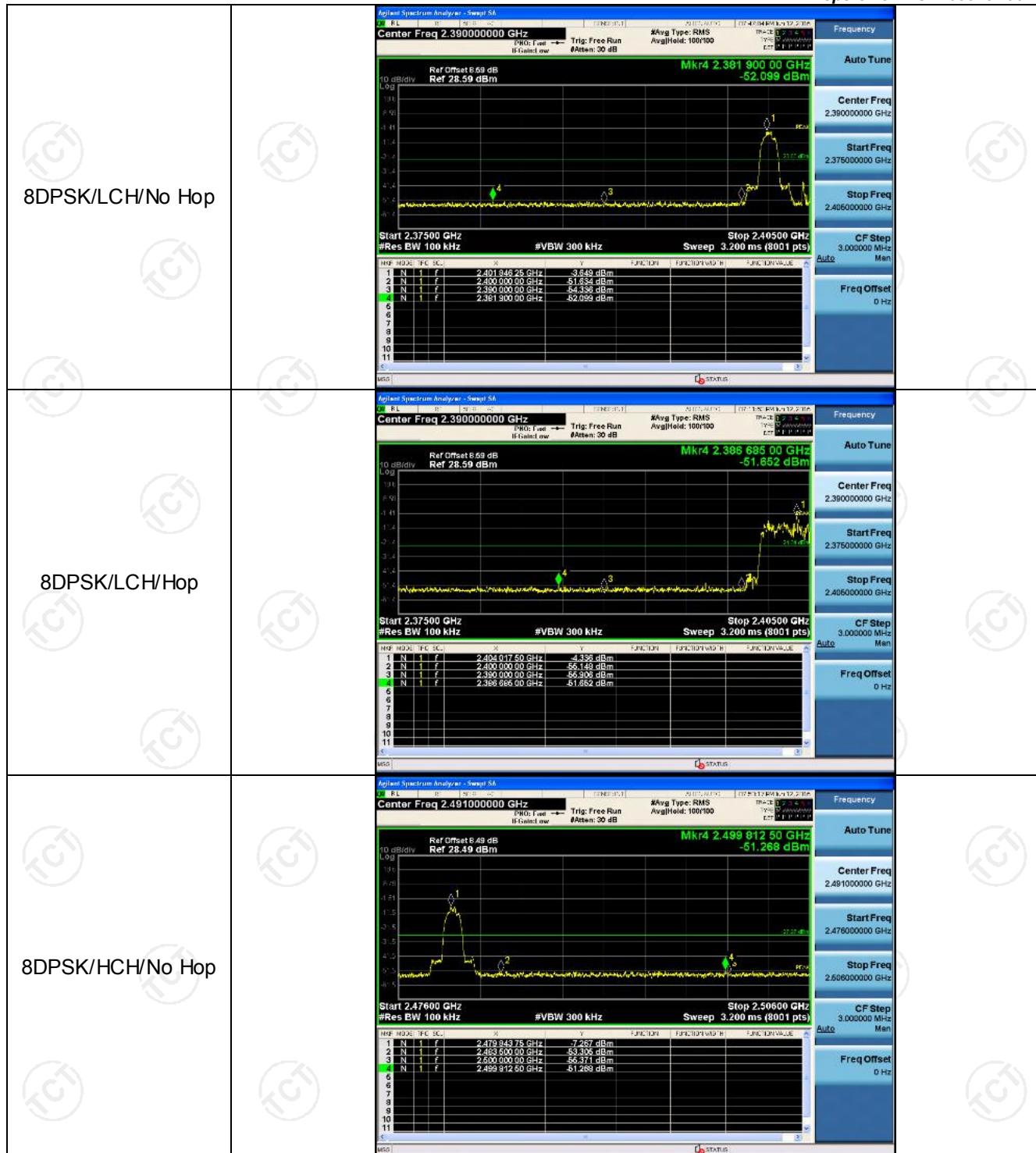
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2.491000000 GHz

Start Freq
2.476000000 GHz

Stop Freq
2.506000000 GHz

CF Step
3.000000 MHz
Auto

Freq Offset
0 Hz



8DPSK/HCH/Hop

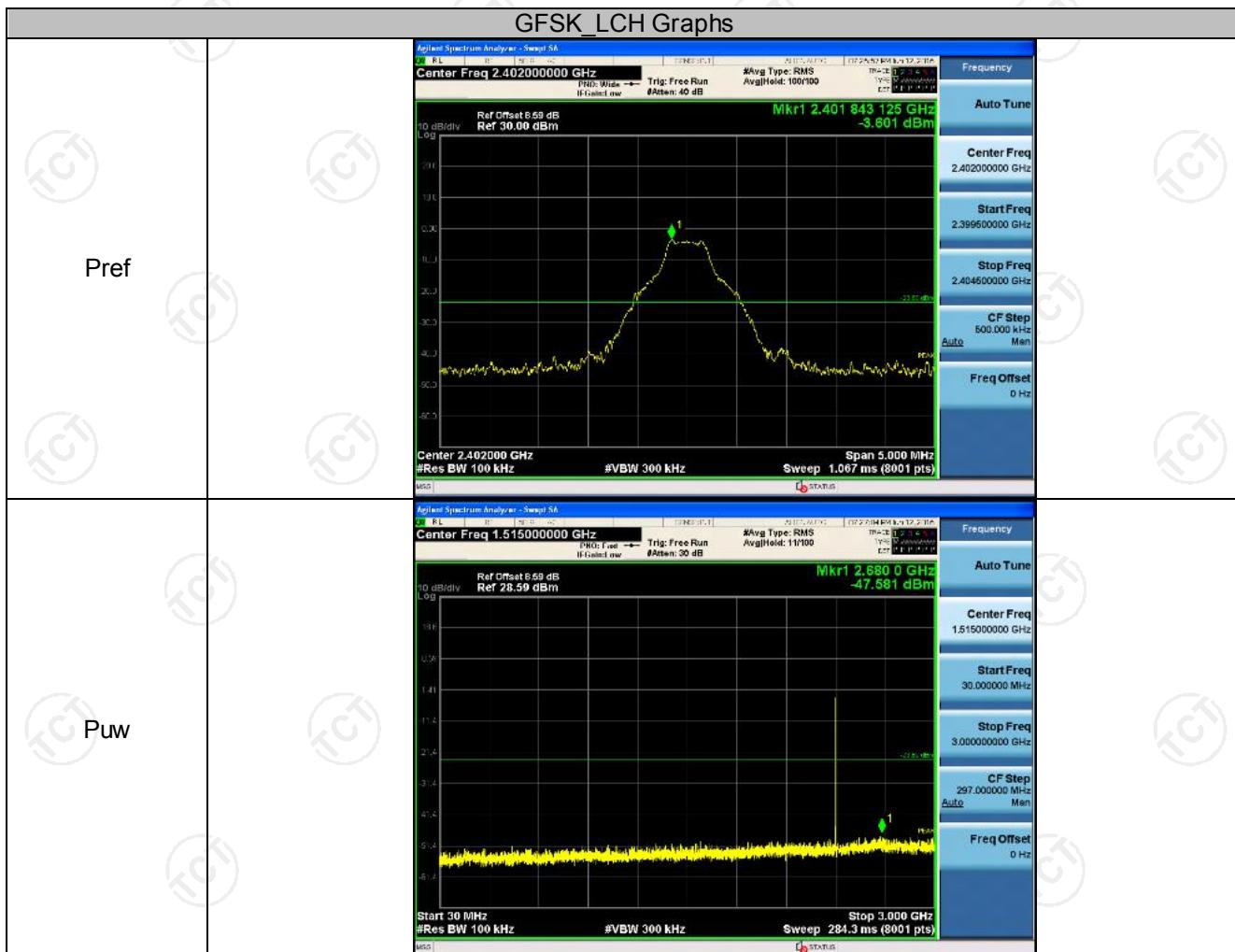


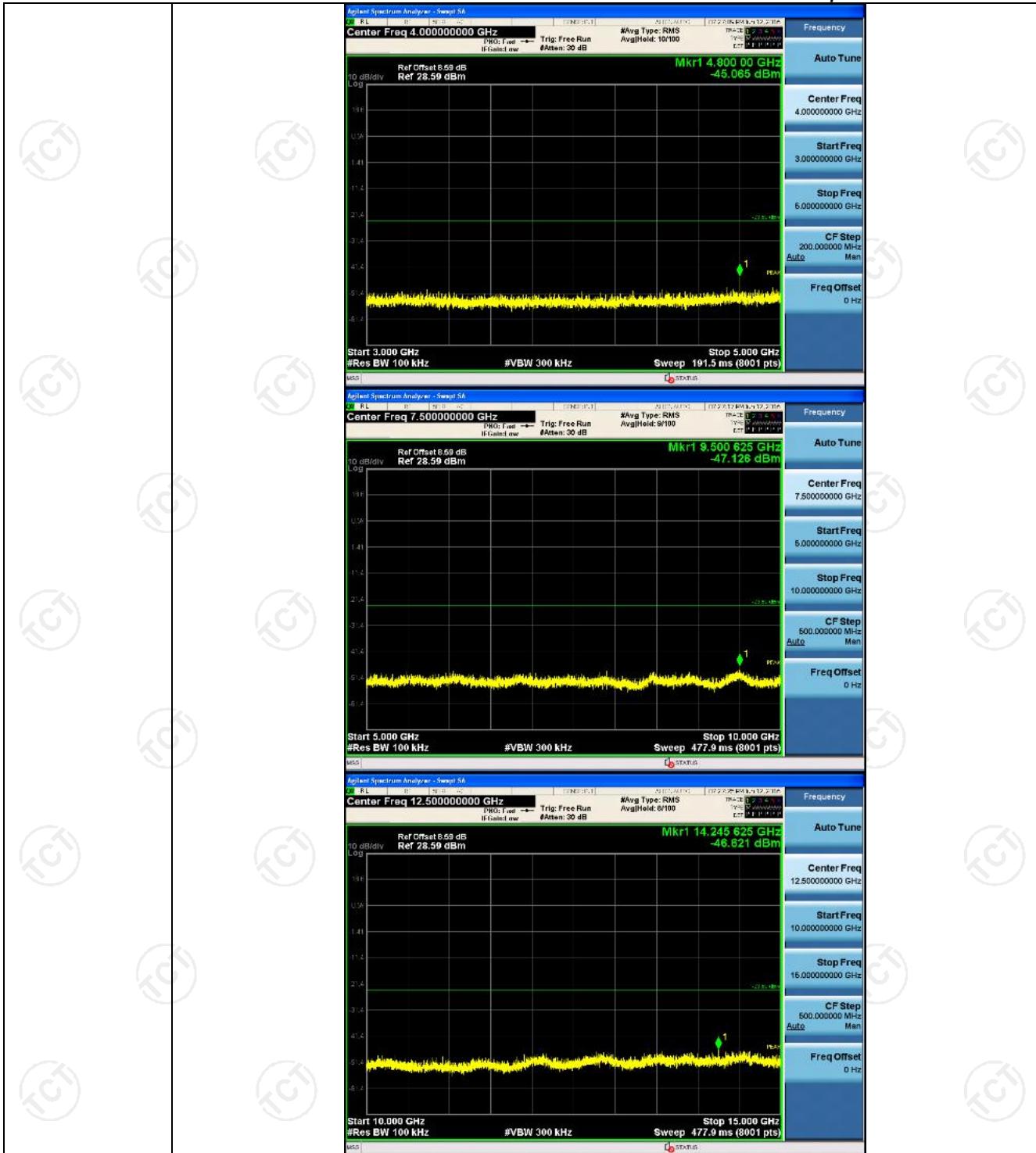
RF Conducted Spurious Emissions

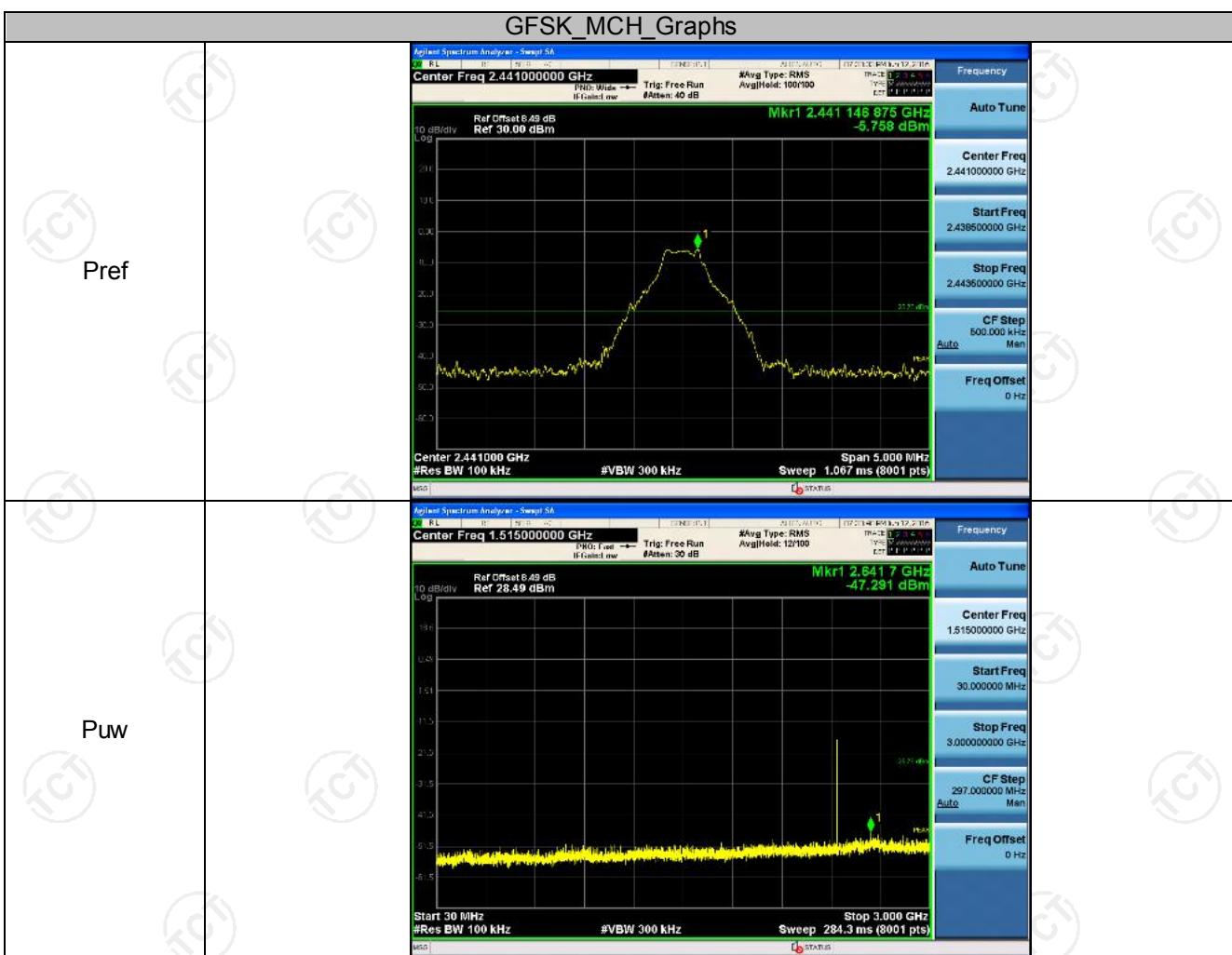
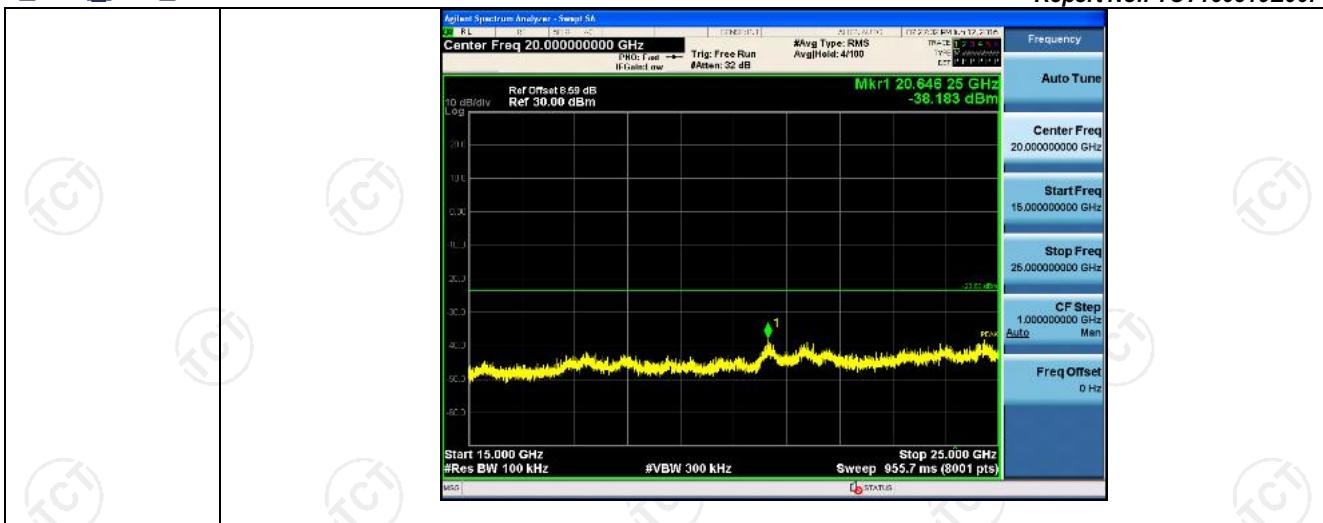
Result Table

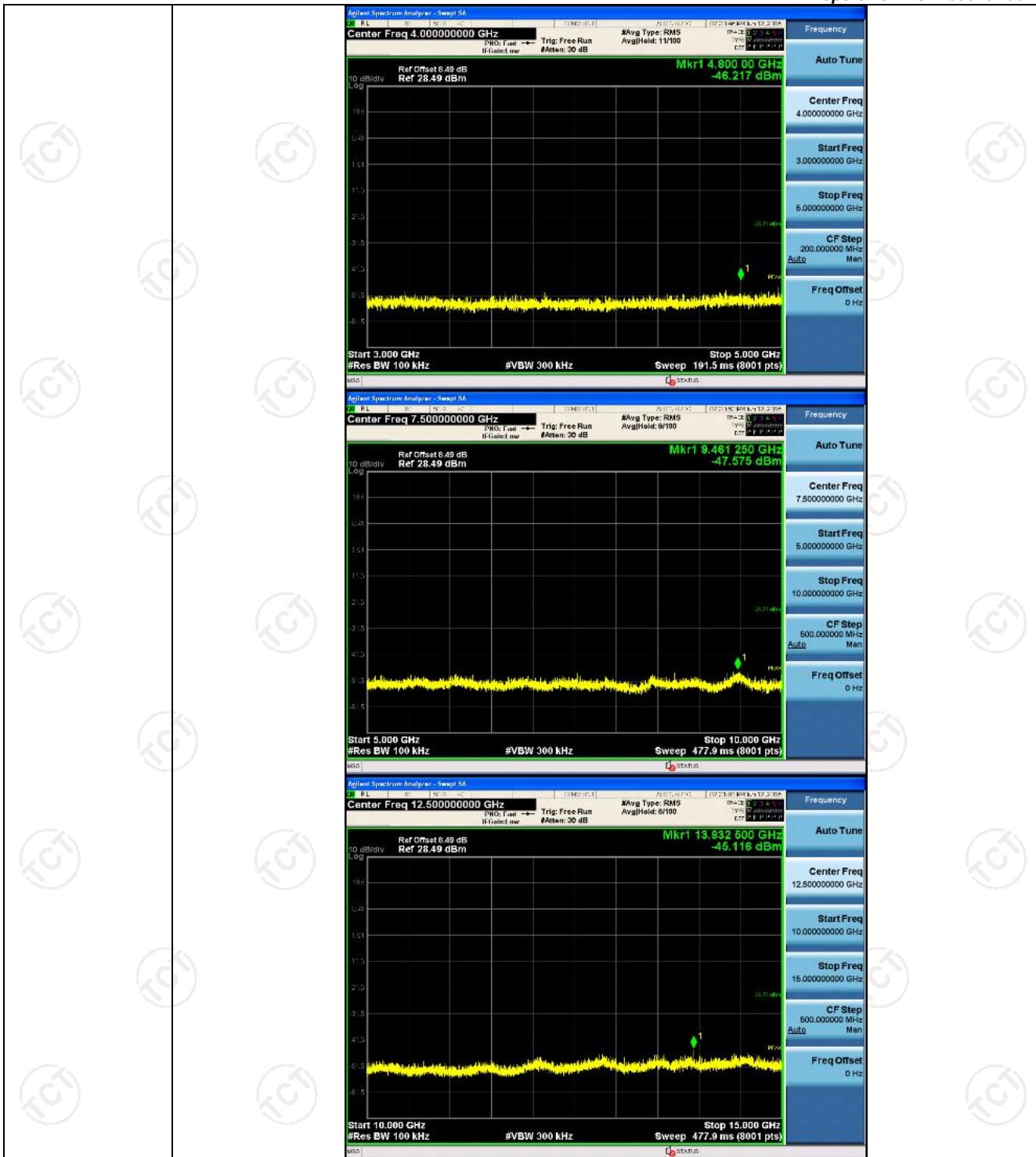
Mode	Channel	Pref [dBm]	Puw [dBm]	Verdict
GFSK	LCH	-3.601	<Limit	PASS
GFSK	MCH	-5.758	<Limit	PASS
GFSK	HCH	-7.68	<Limit	PASS
$\pi/4$ DQPSK	LCH	-3.764	<Limit	PASS
$\pi/4$ DQPSK	MCH	-5.656	<Limit	PASS
$\pi/4$ DQPSK	HCH	-7.365	<Limit	PASS
8DPSK	LCH	-3.467	<Limit	PASS
8DPSK	MCH	-6.621	<Limit	PASS
8DPSK	HCH	-7.419	<Limit	PASS

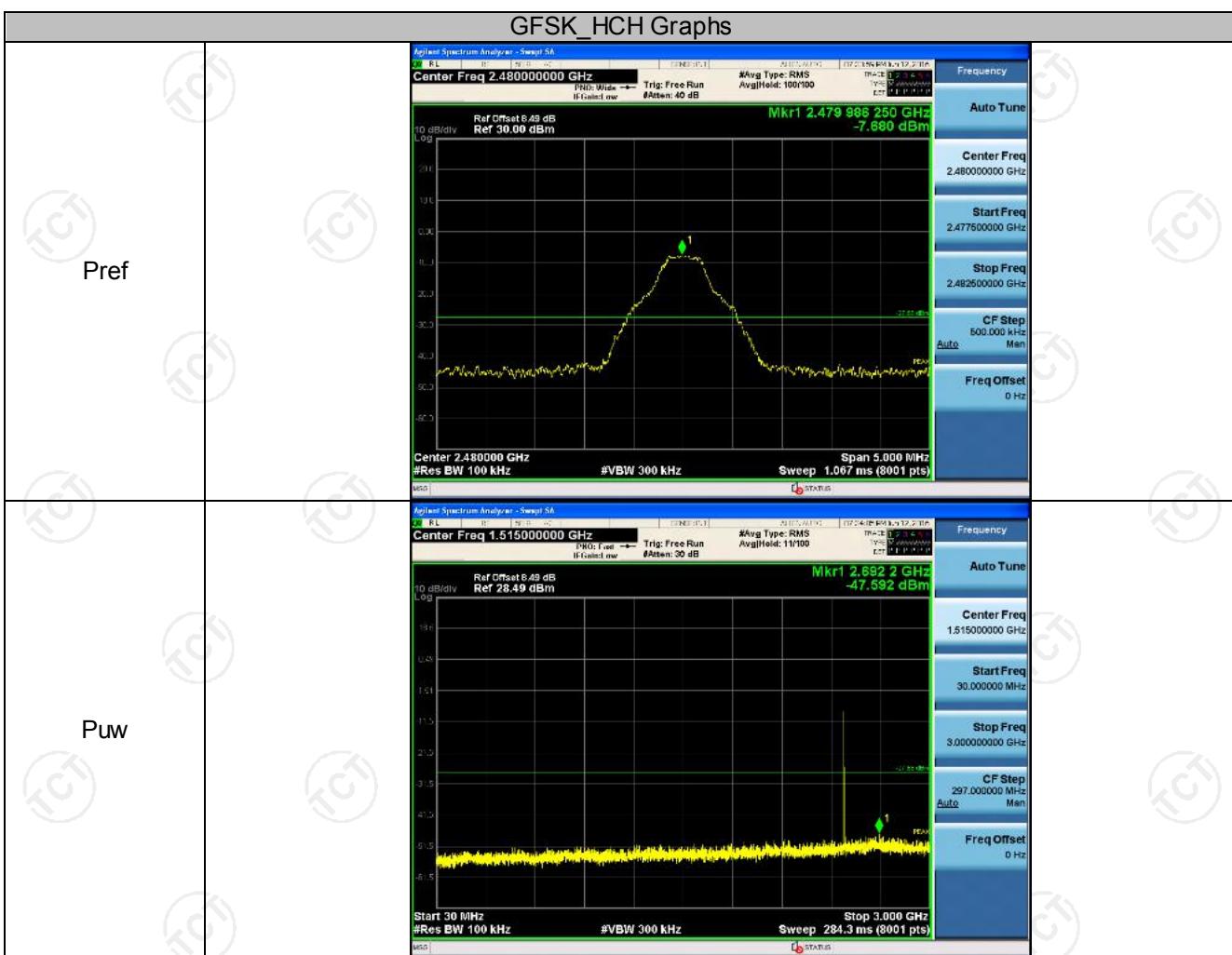
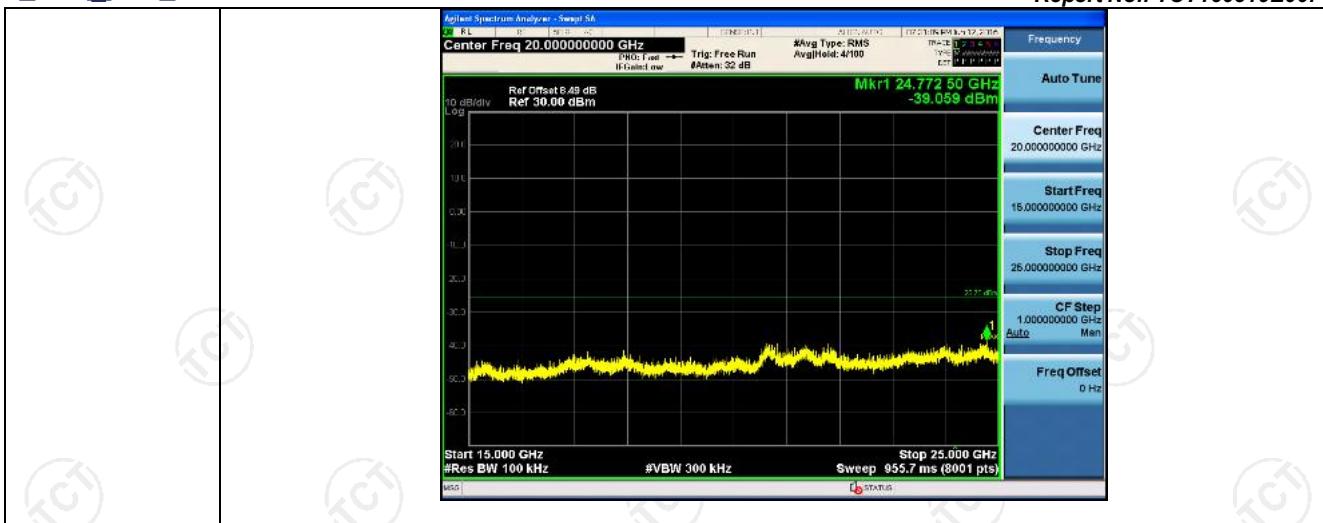
Test Graph

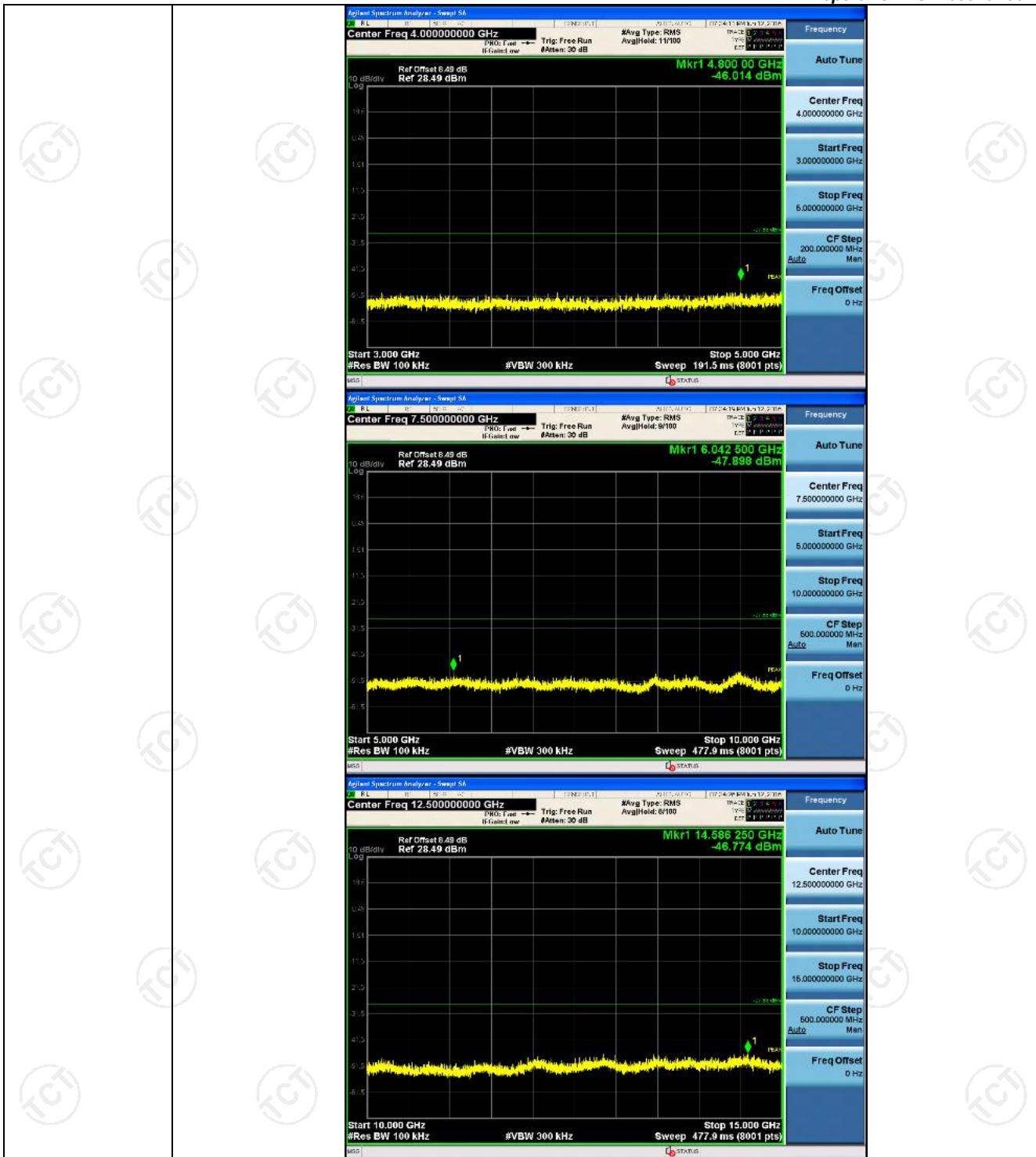


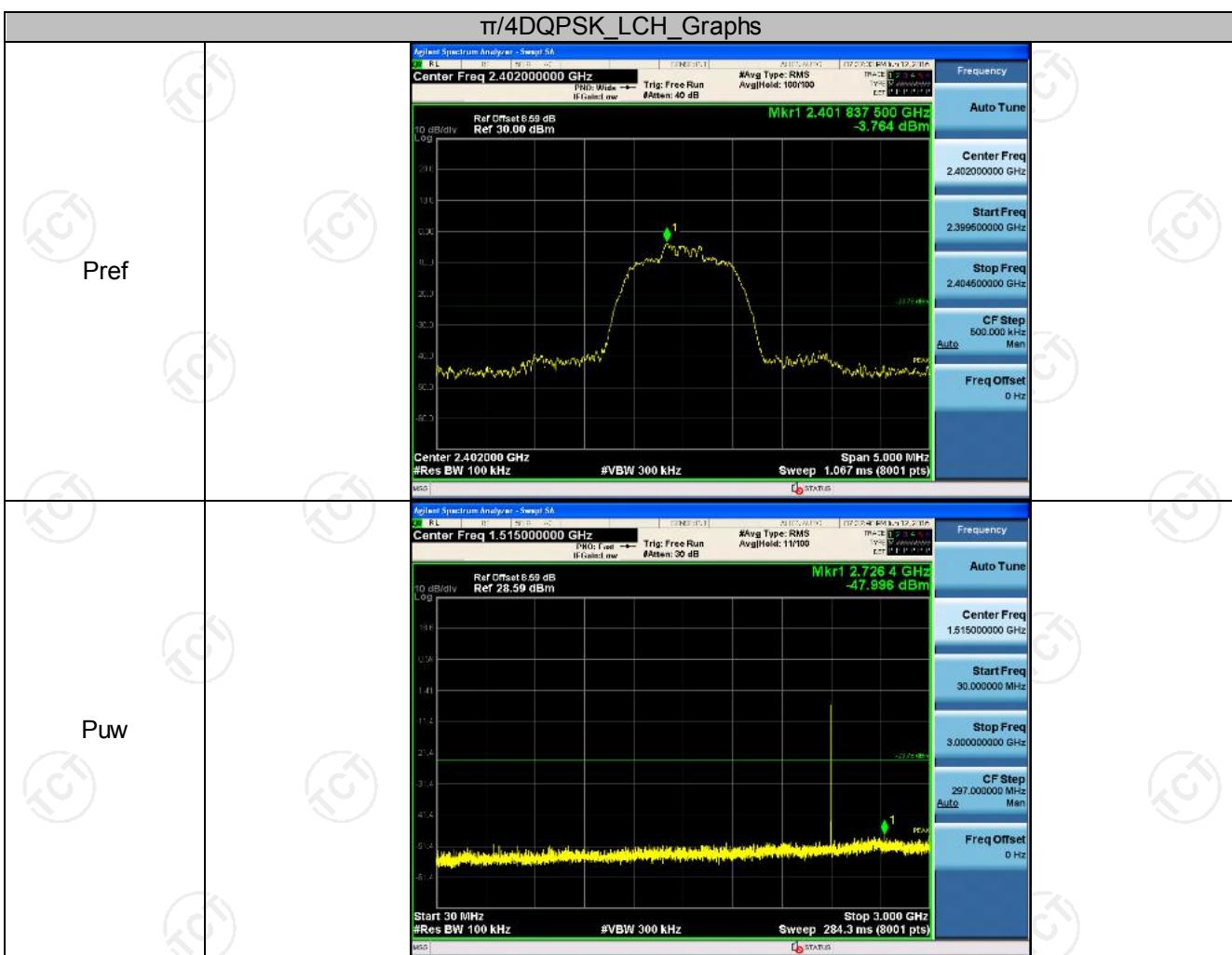
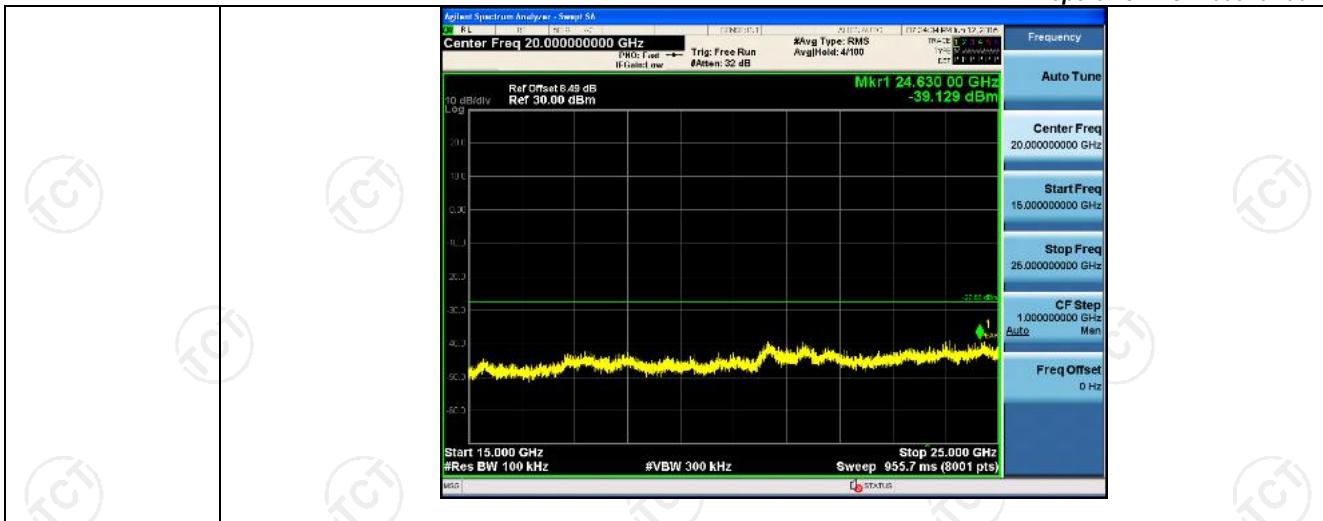


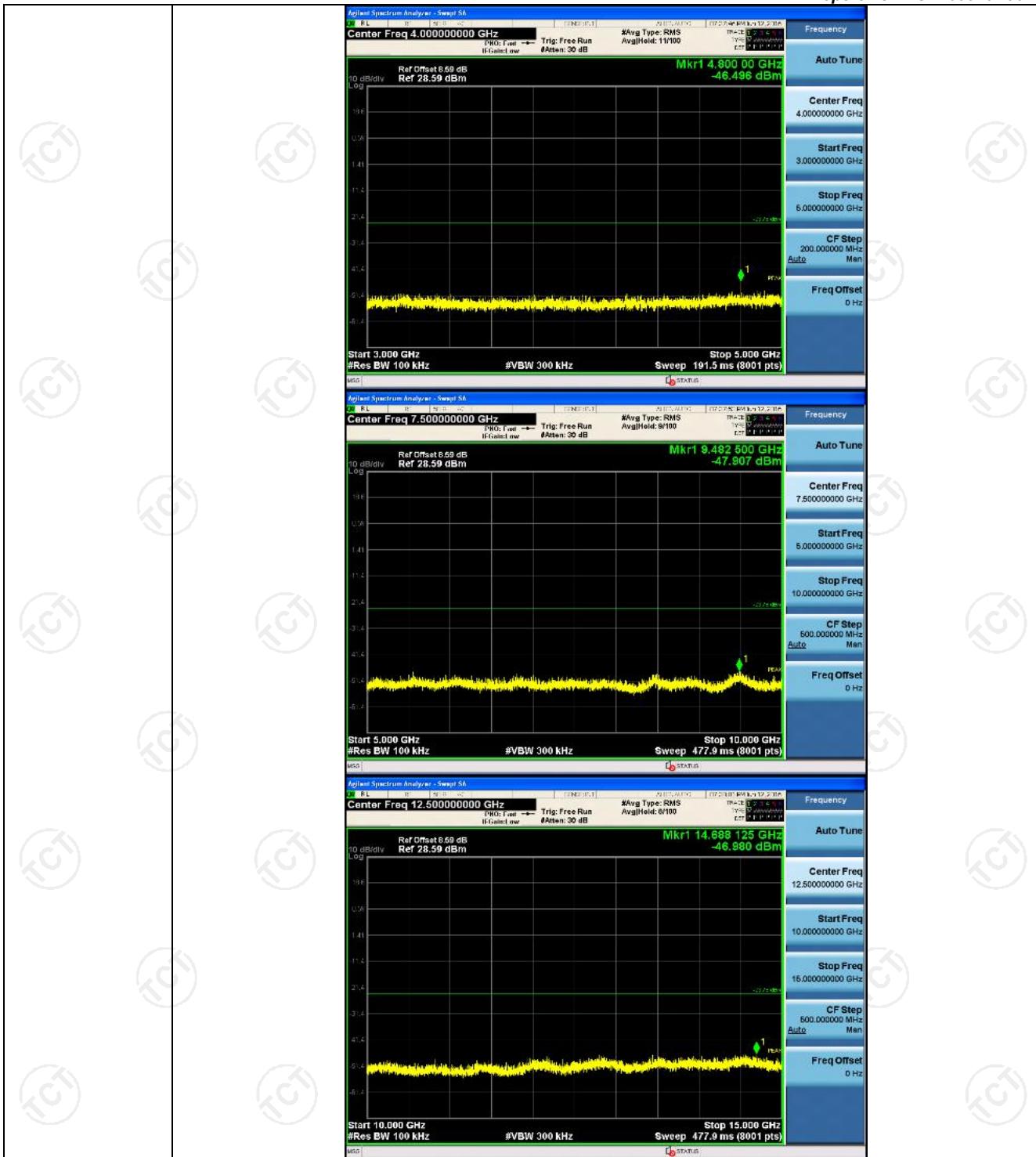


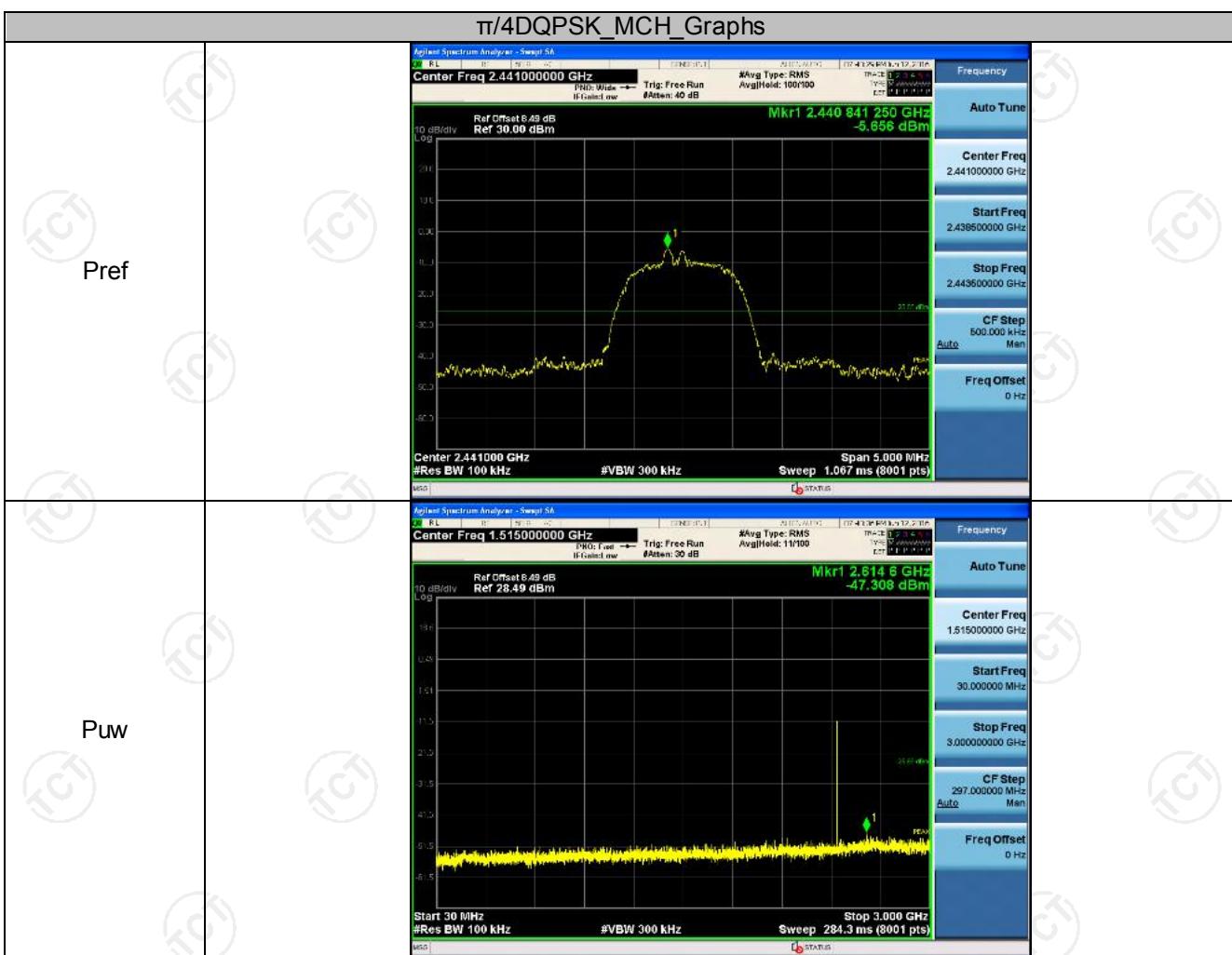
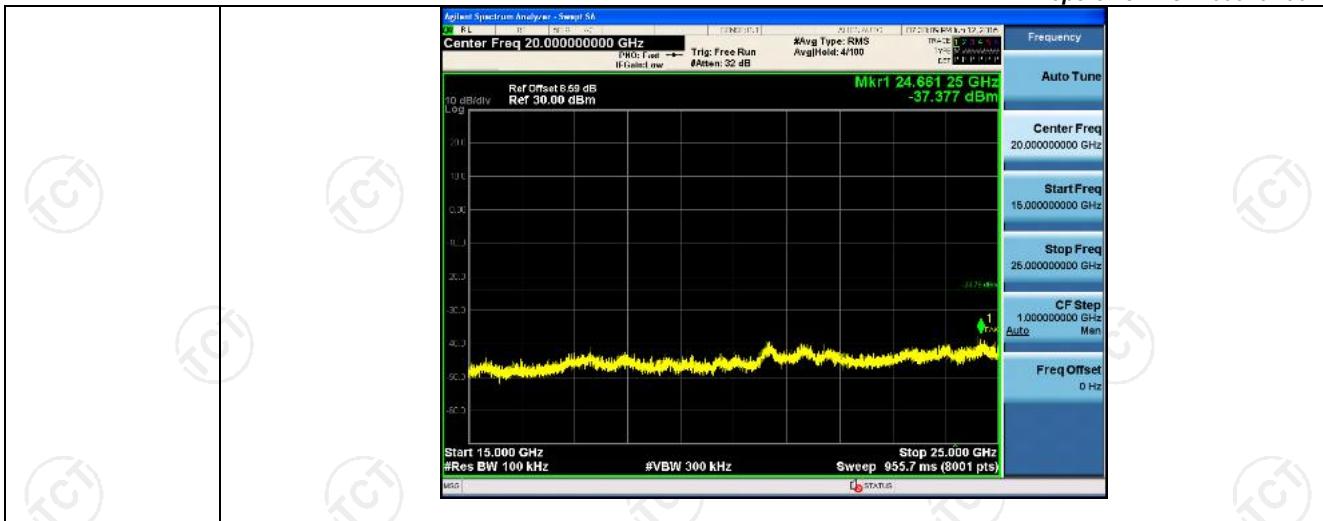


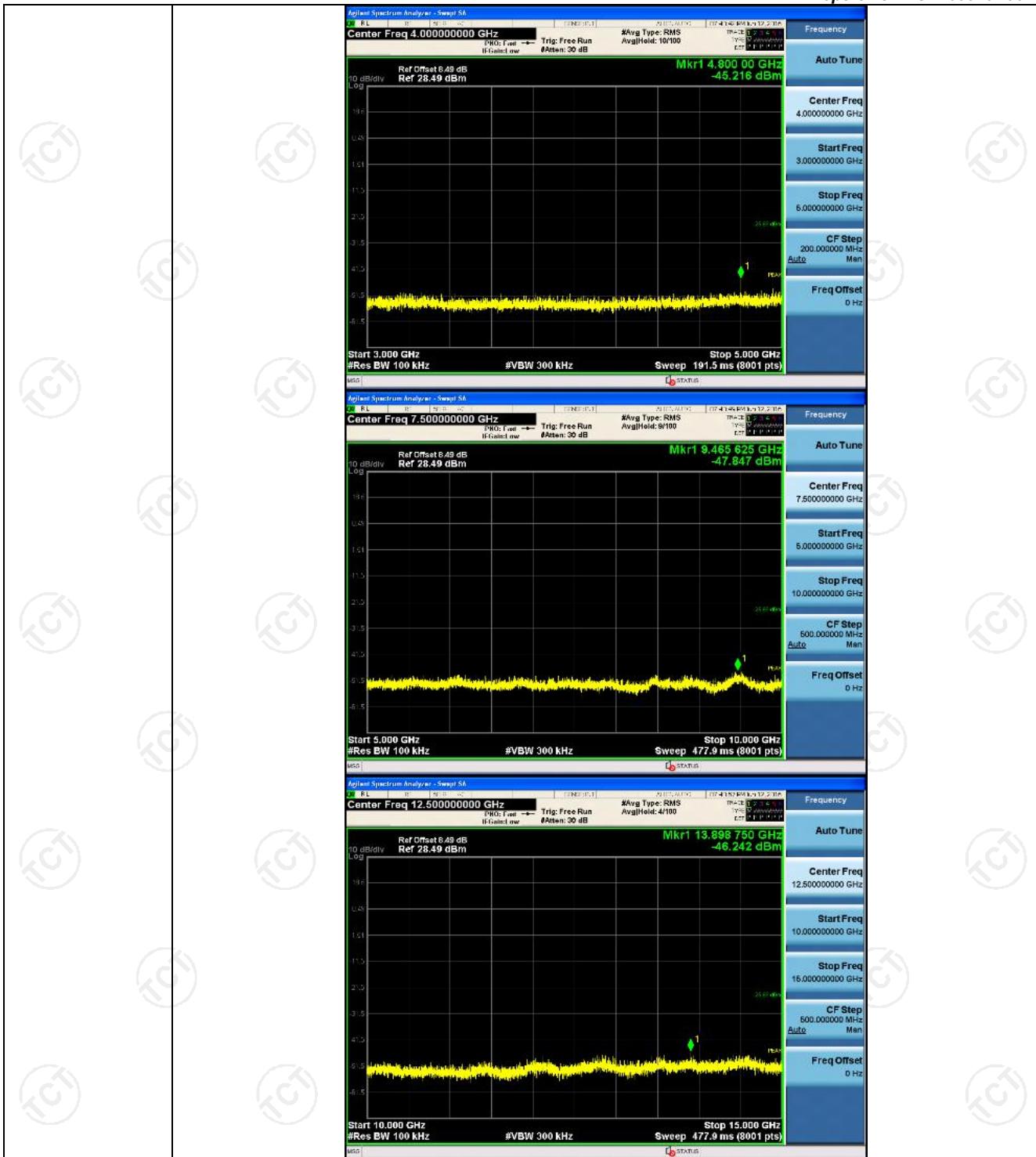


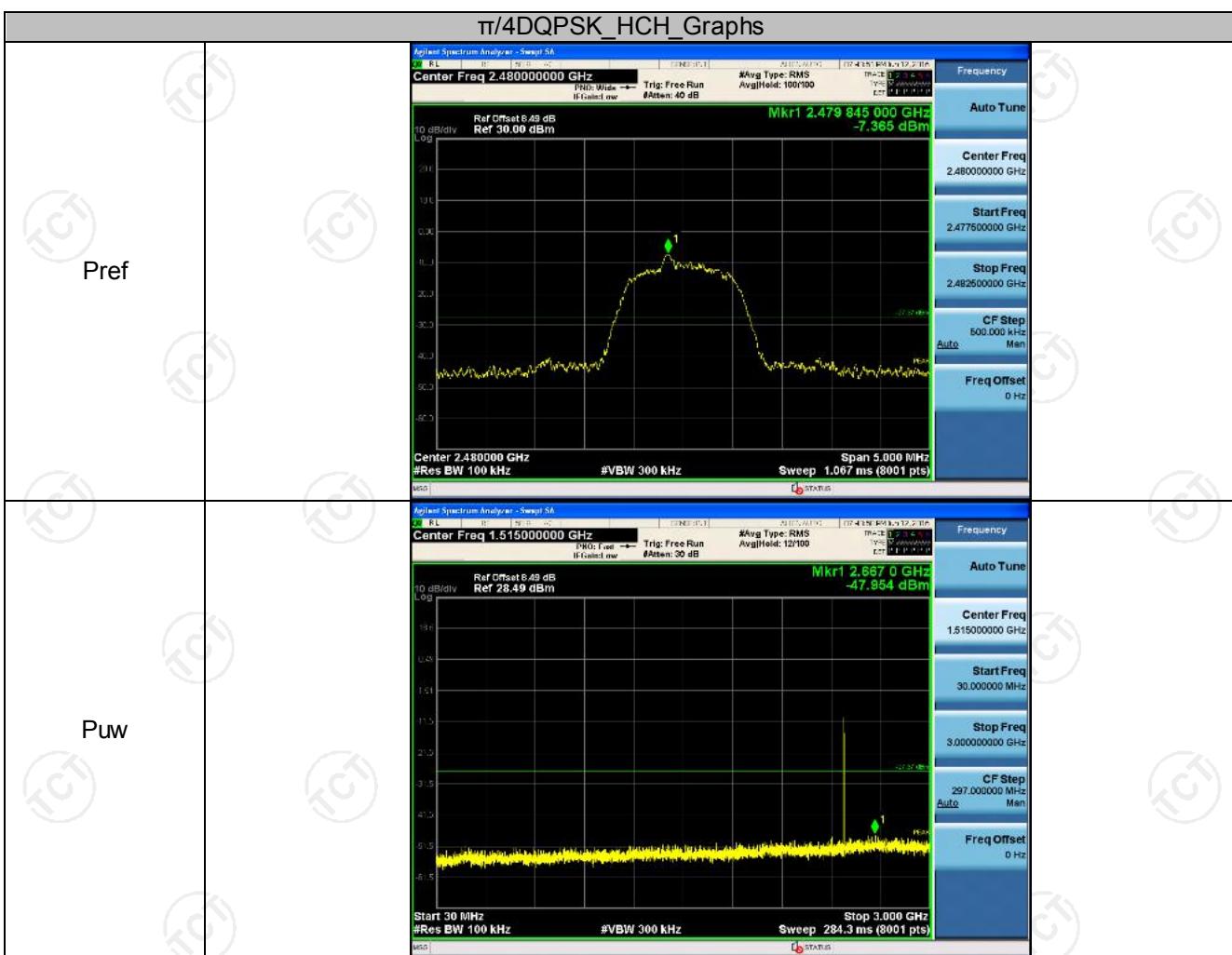
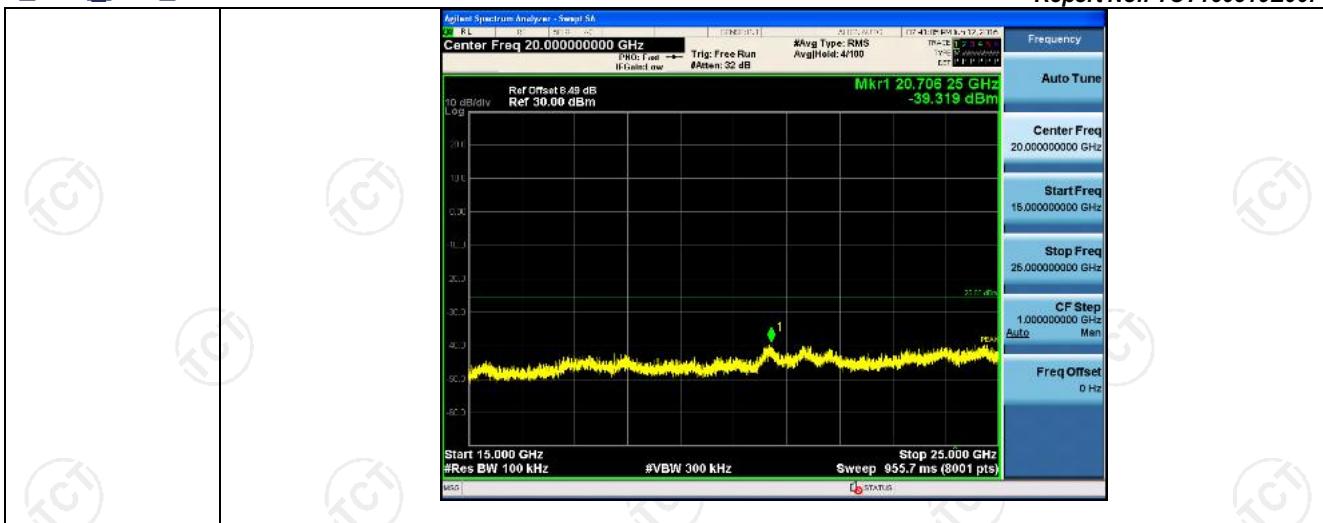


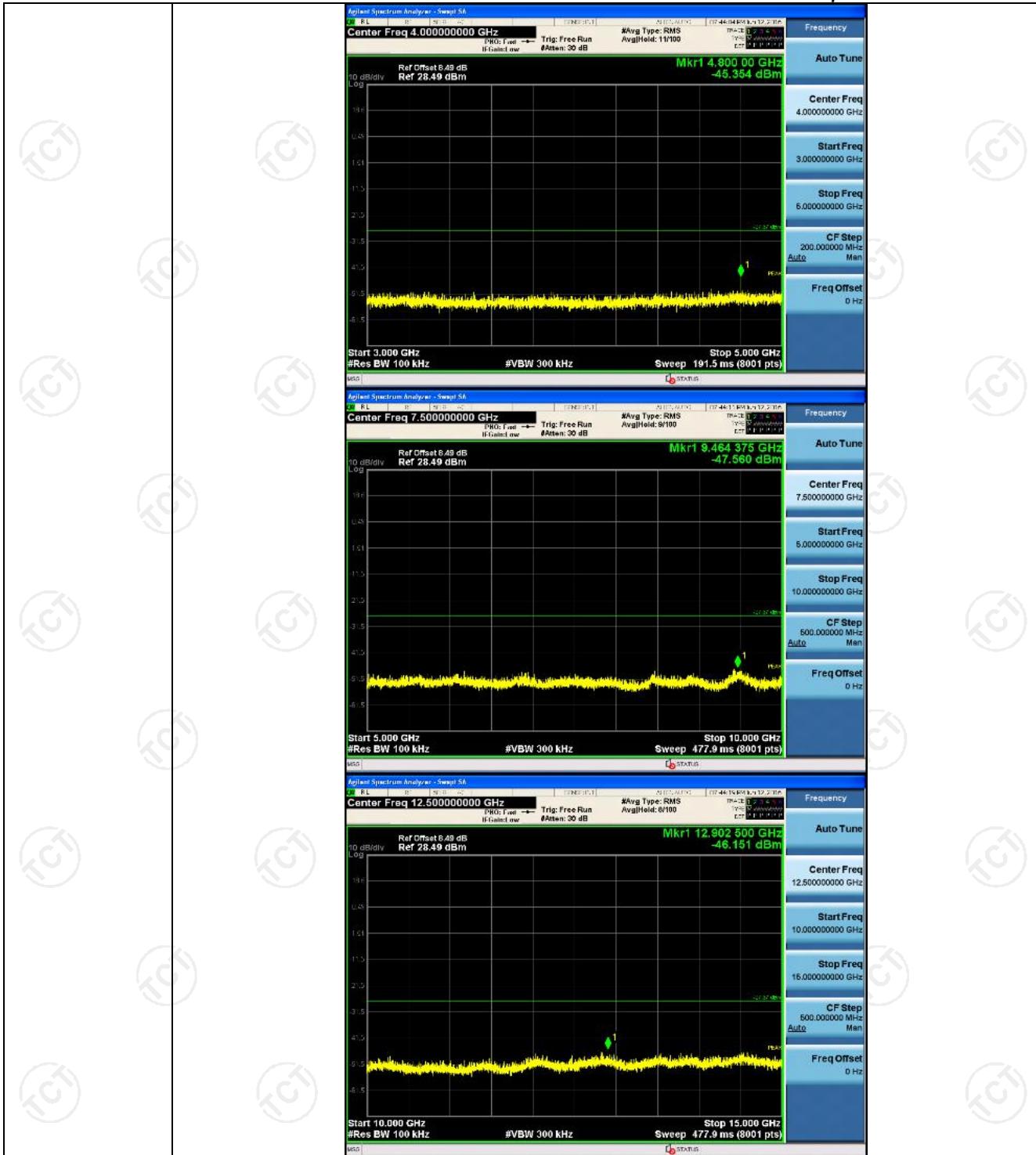


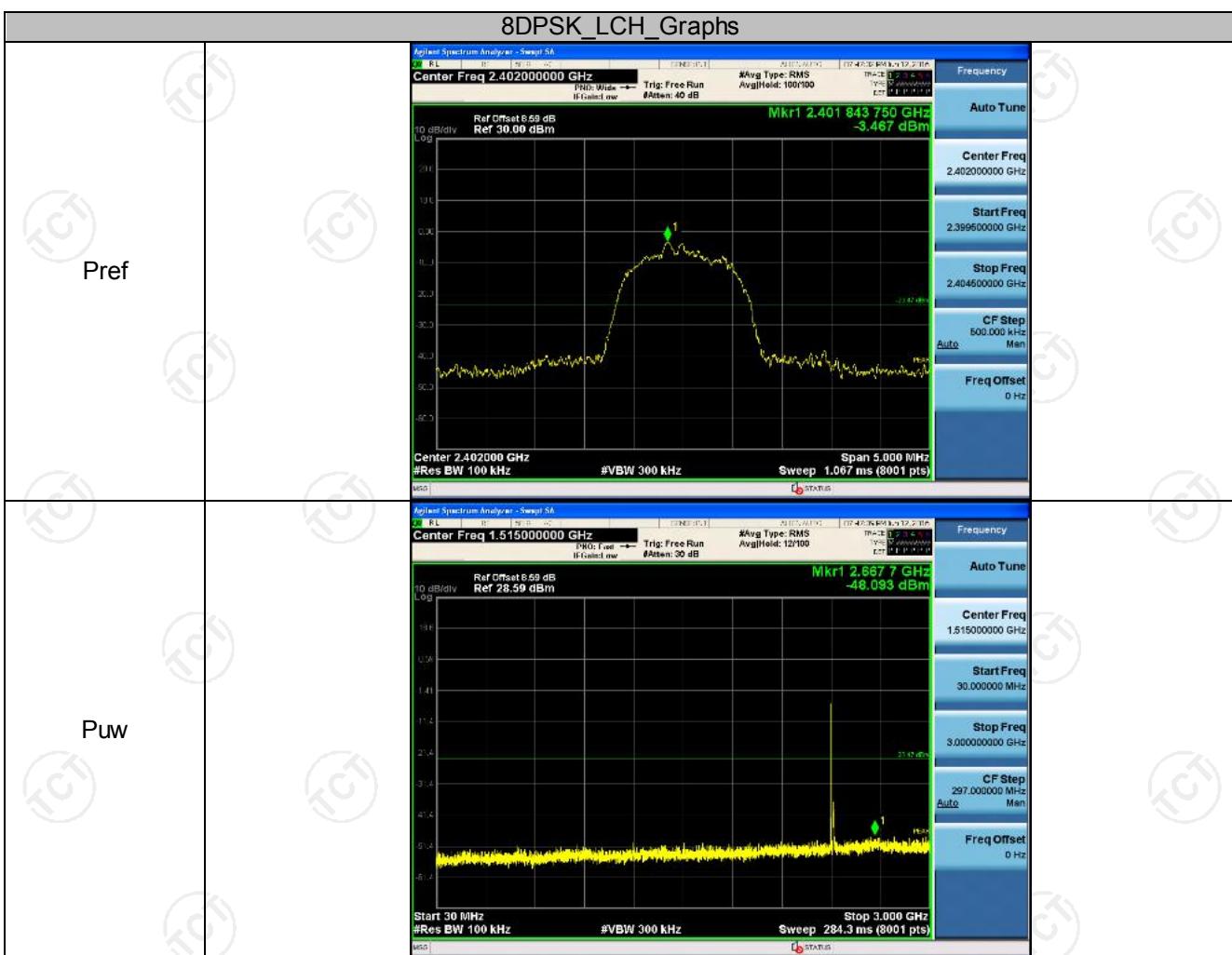
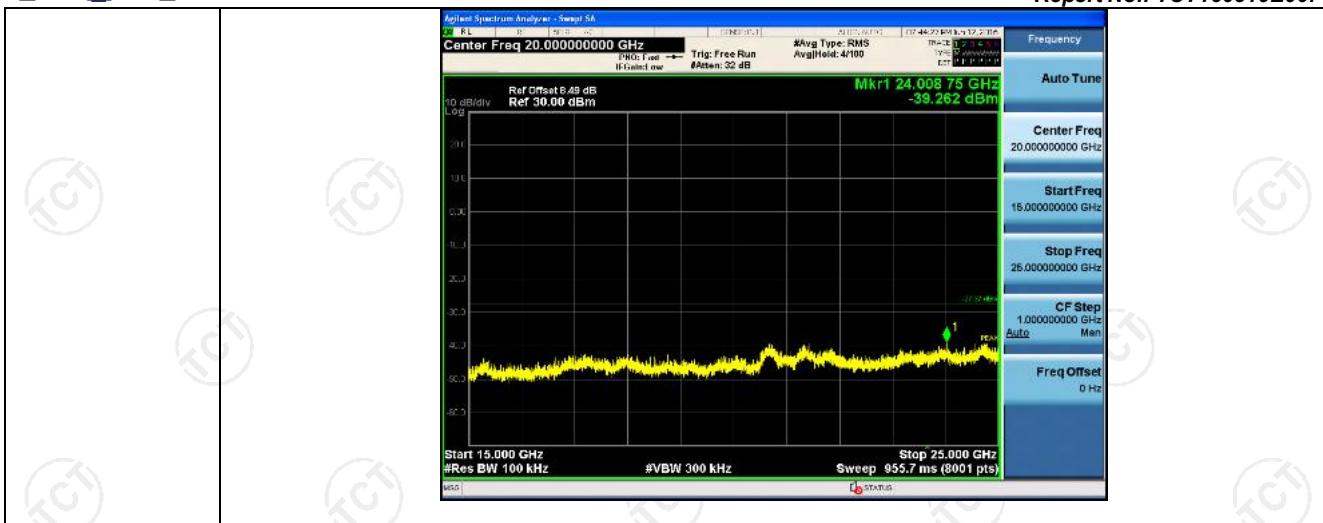


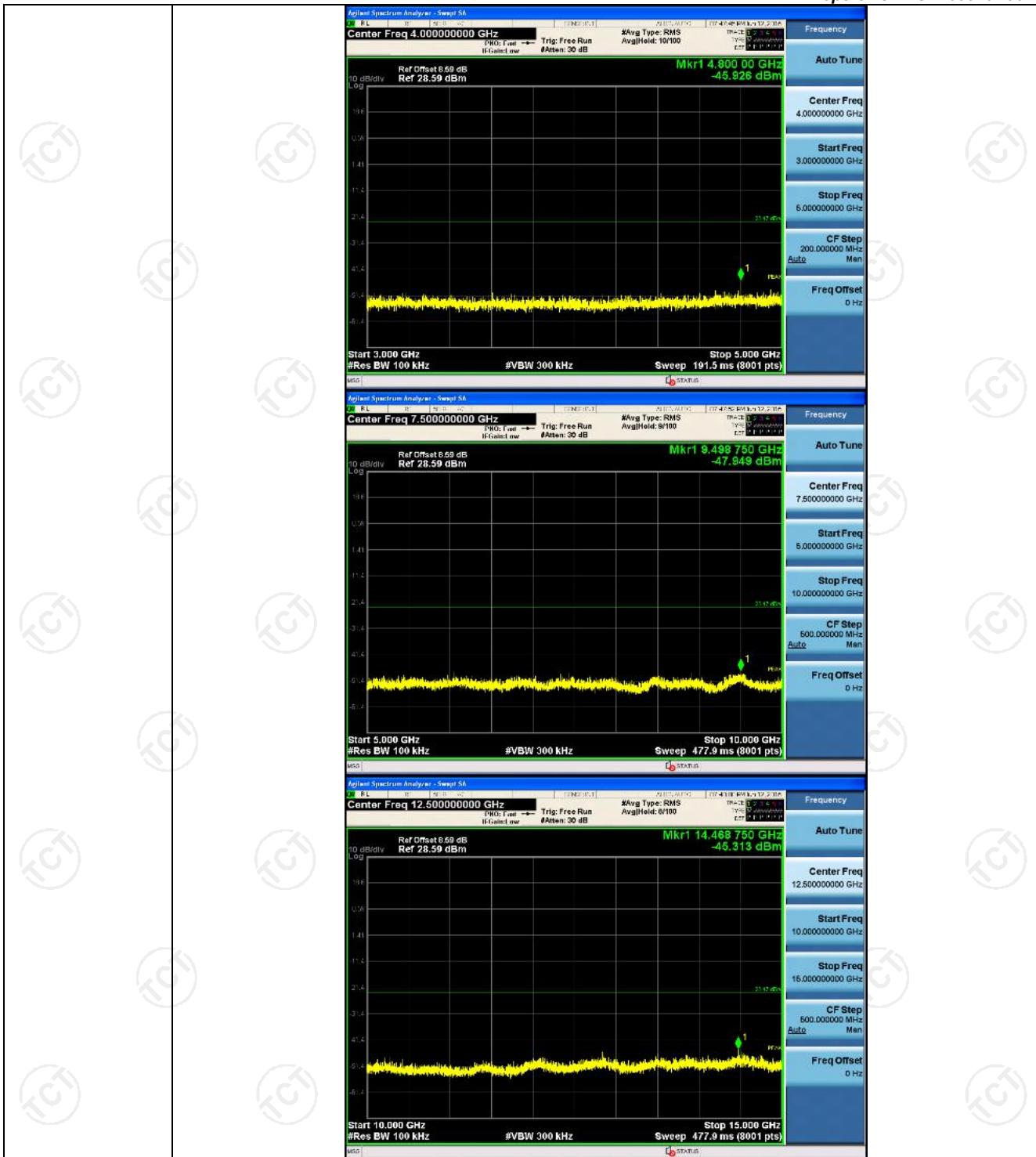


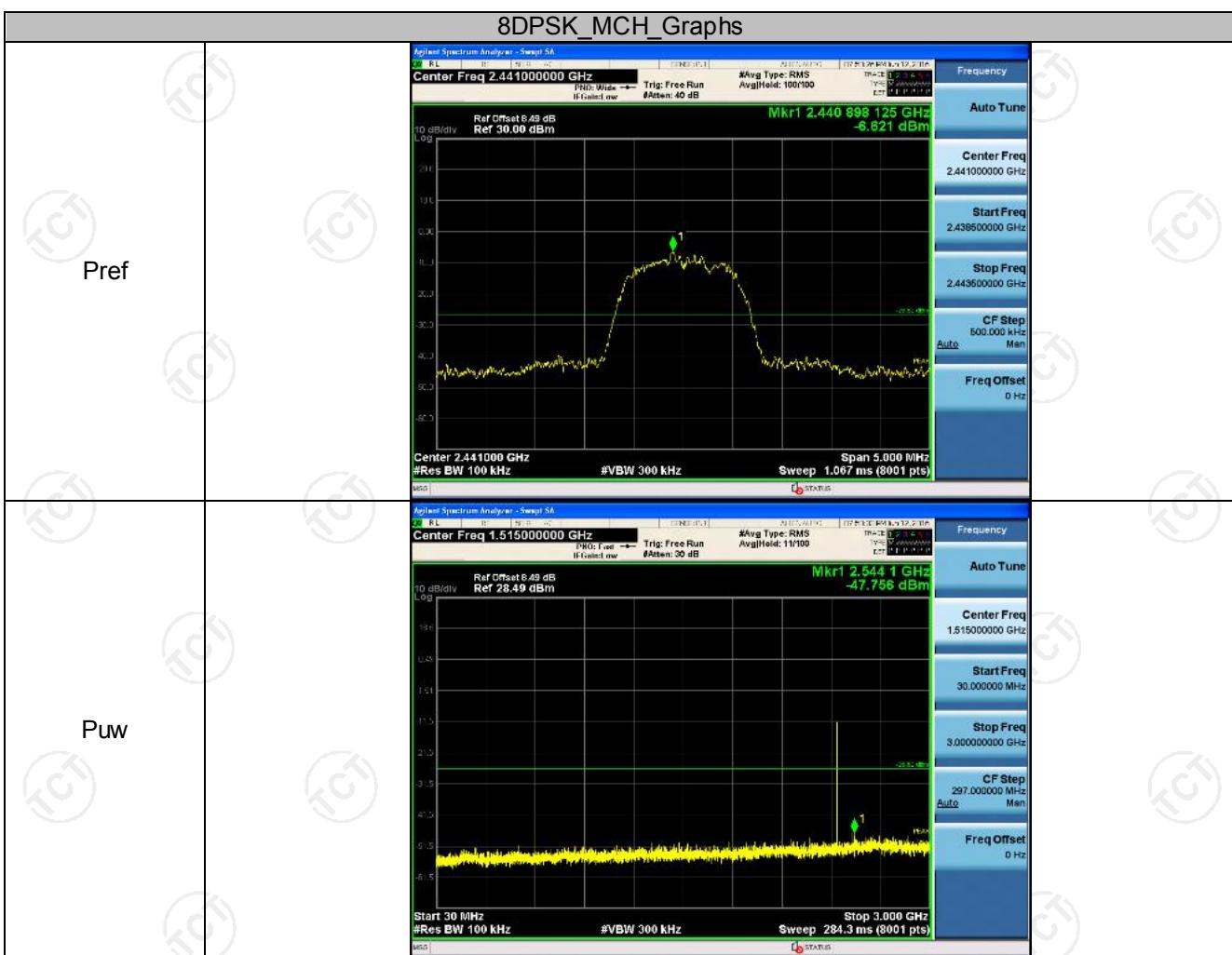
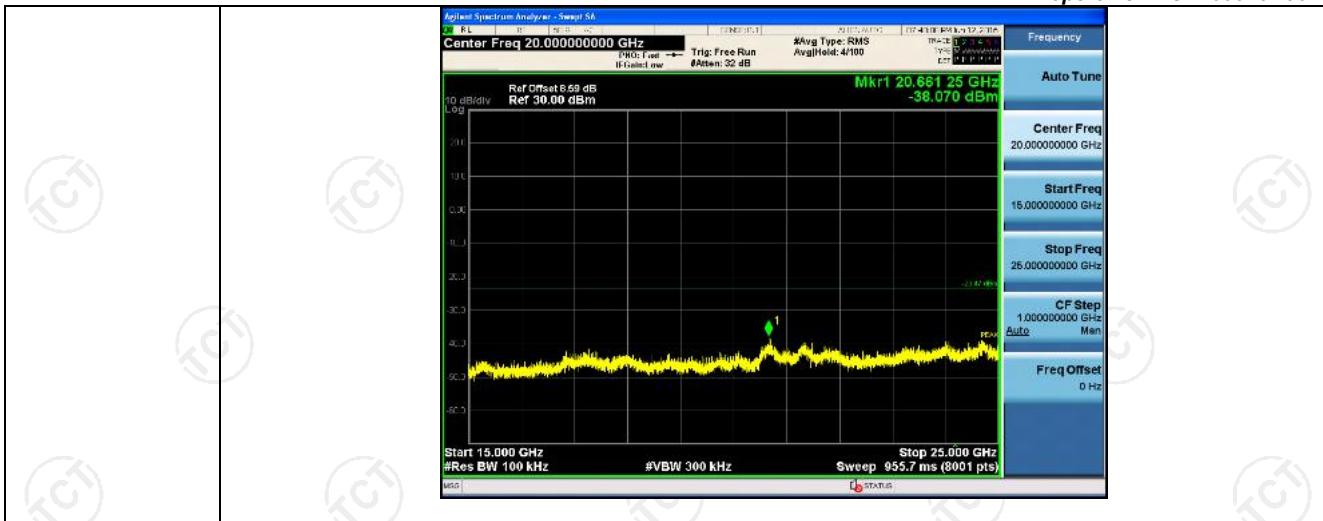


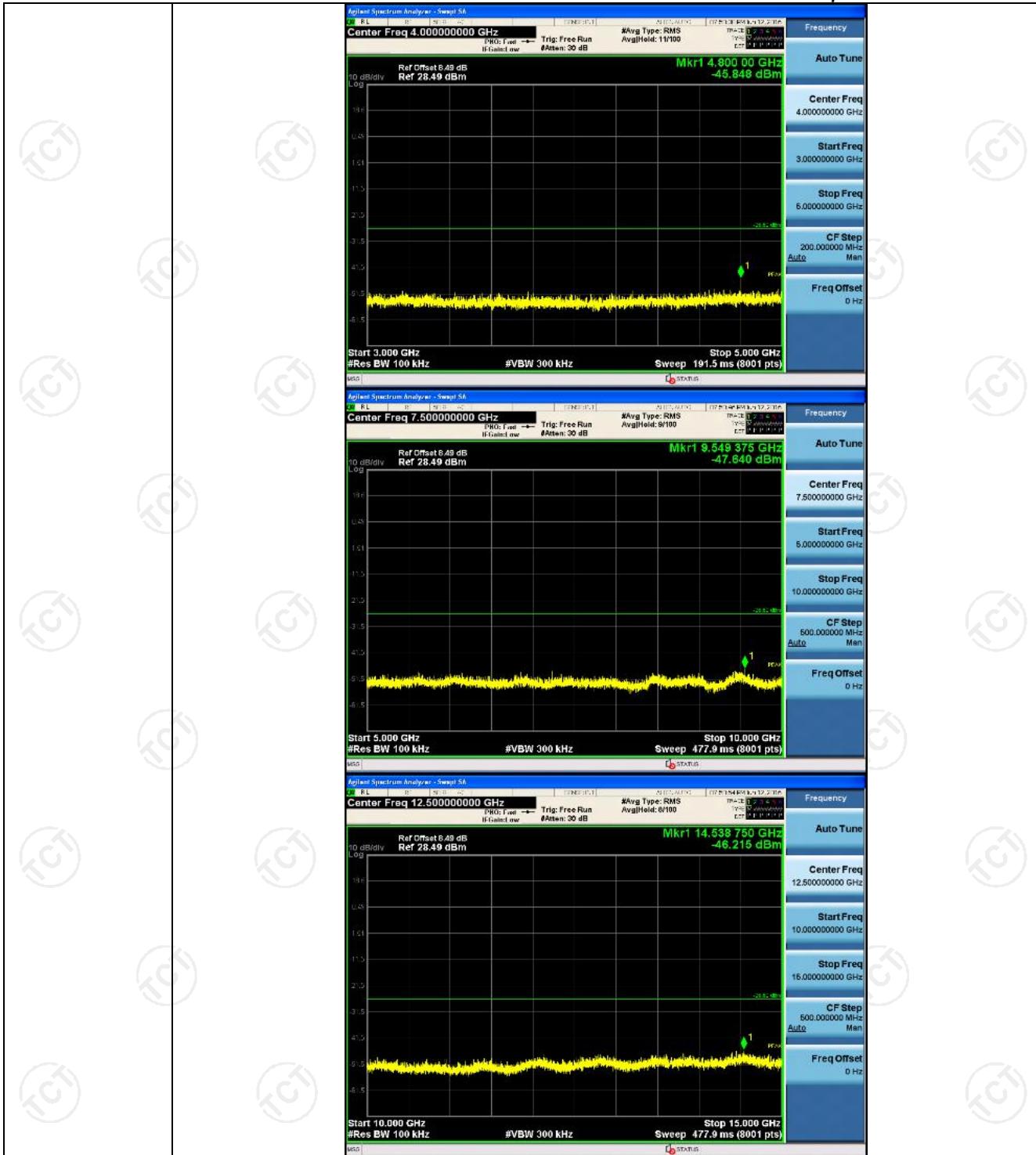


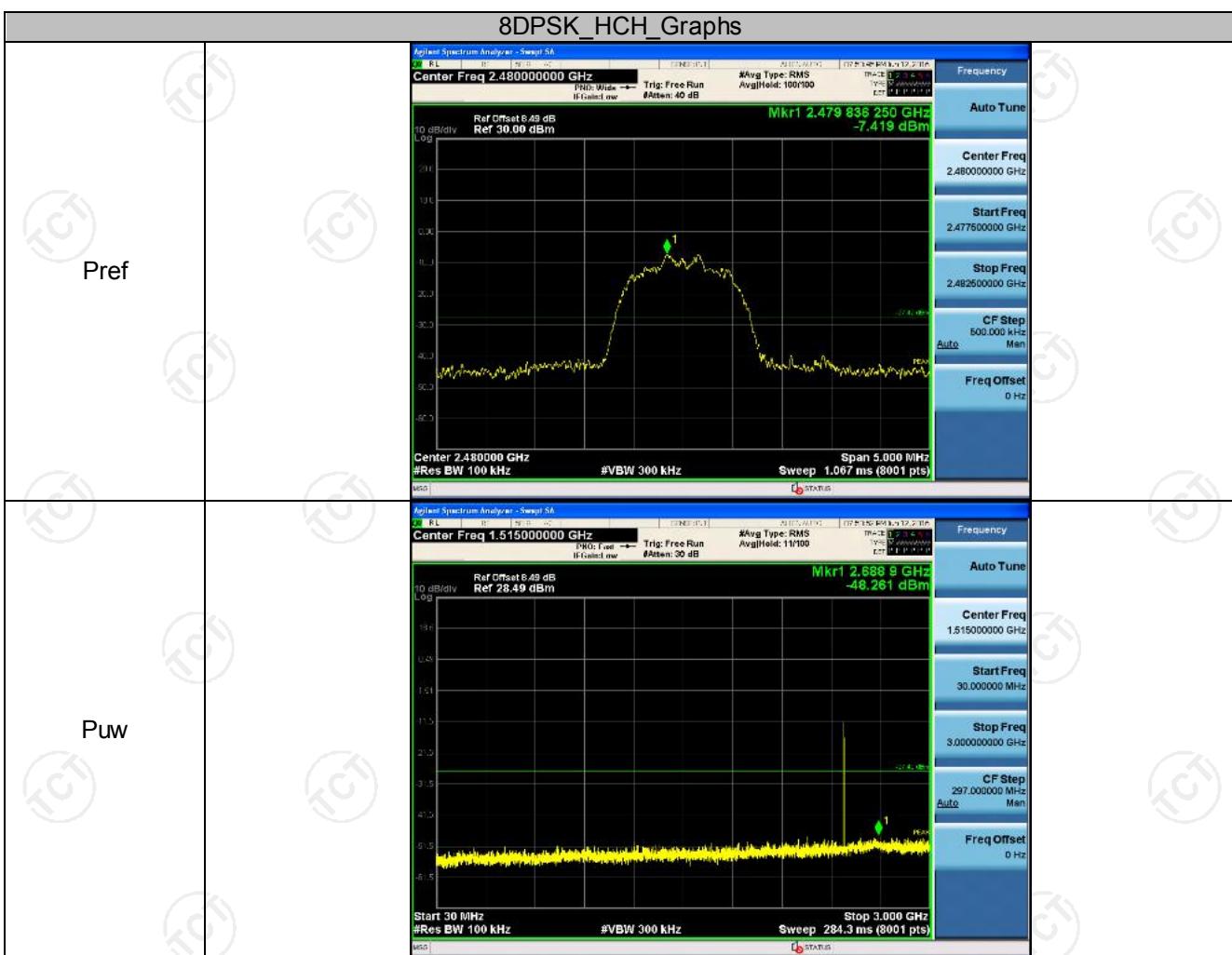
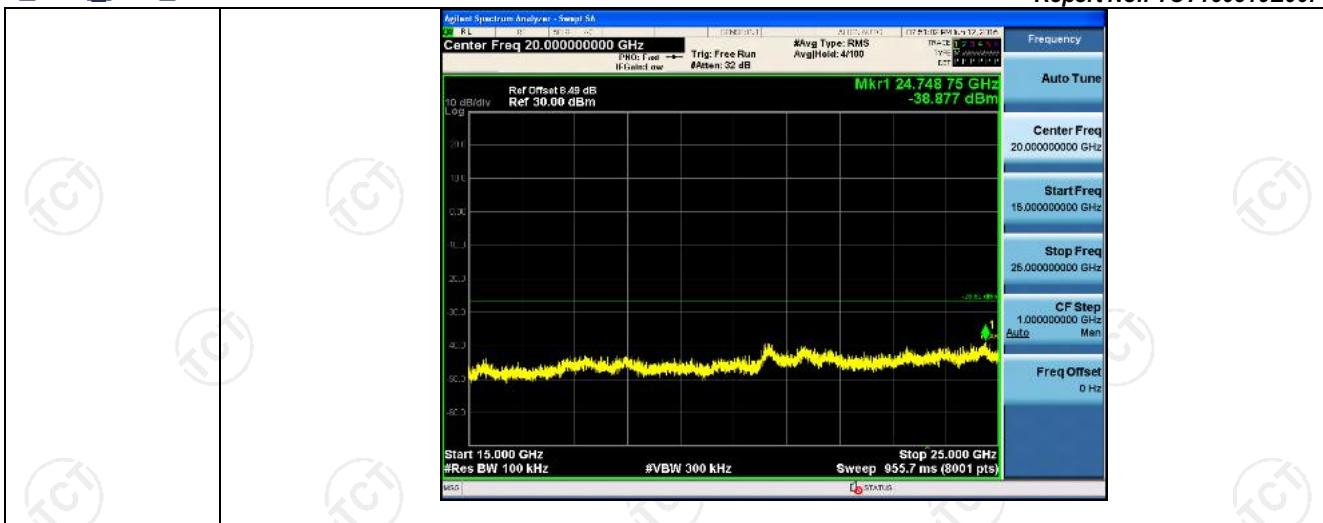


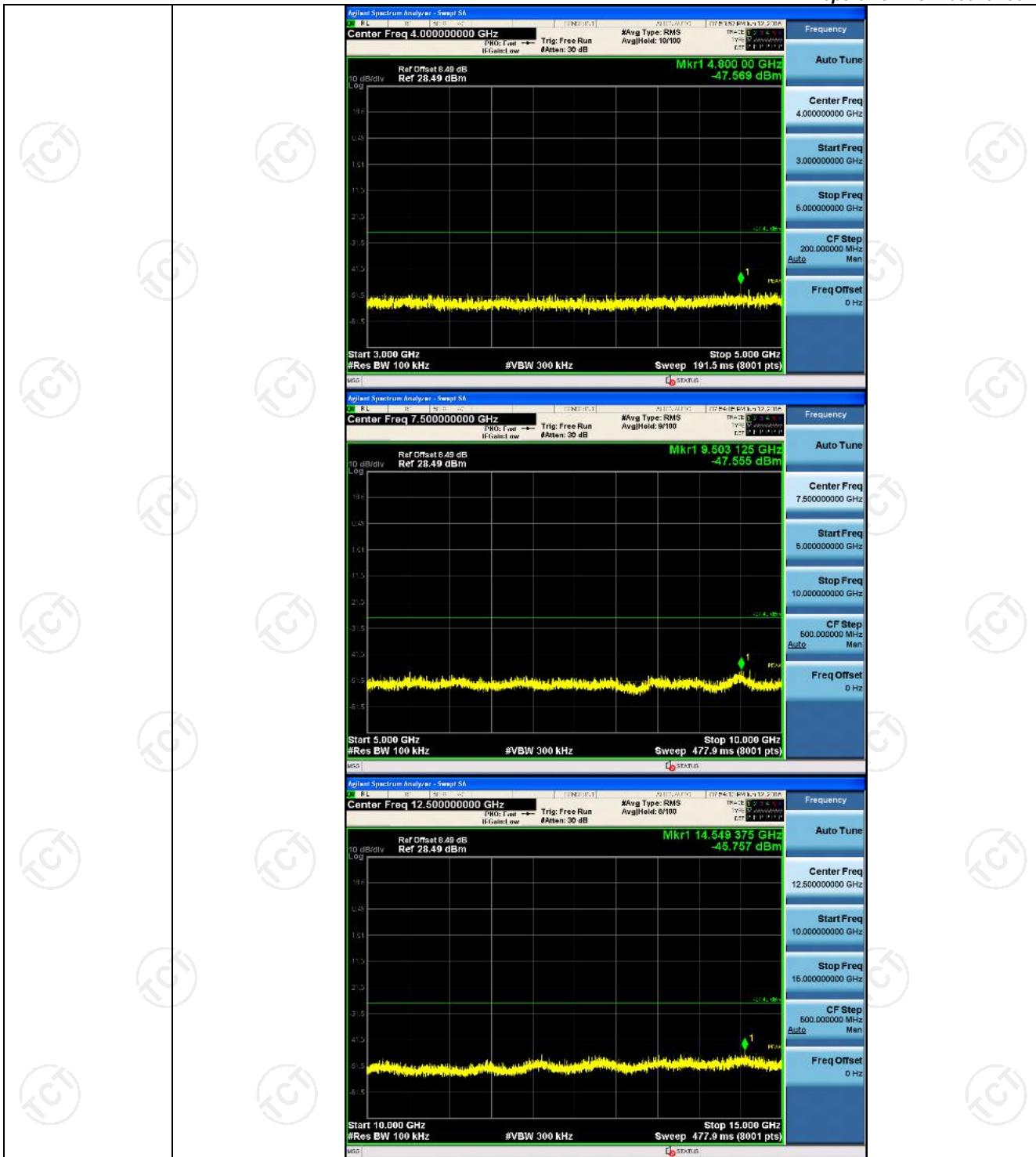


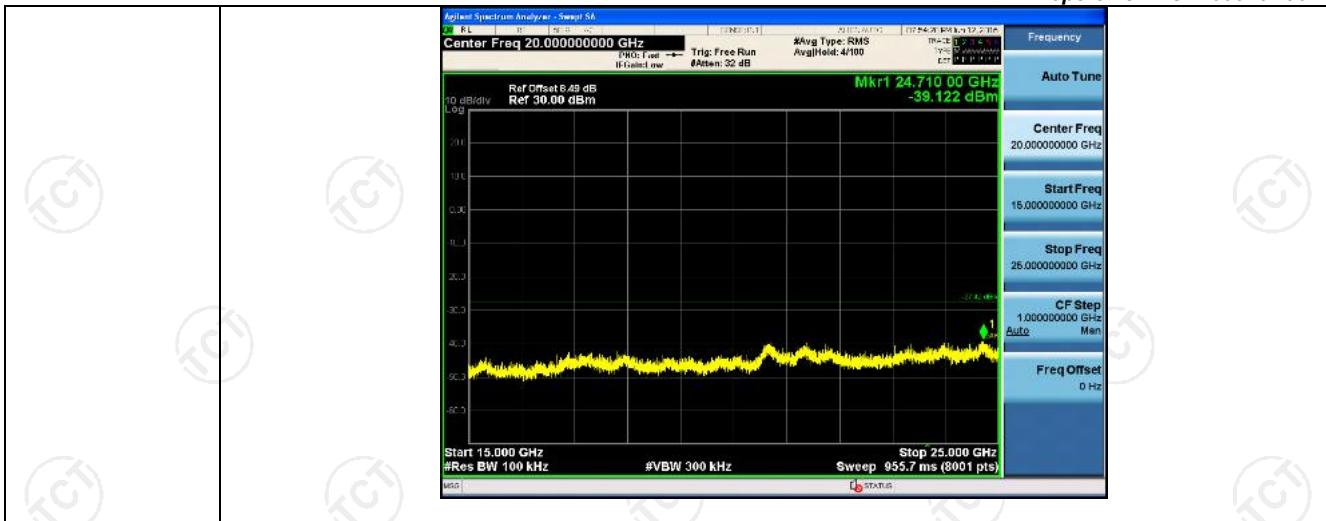










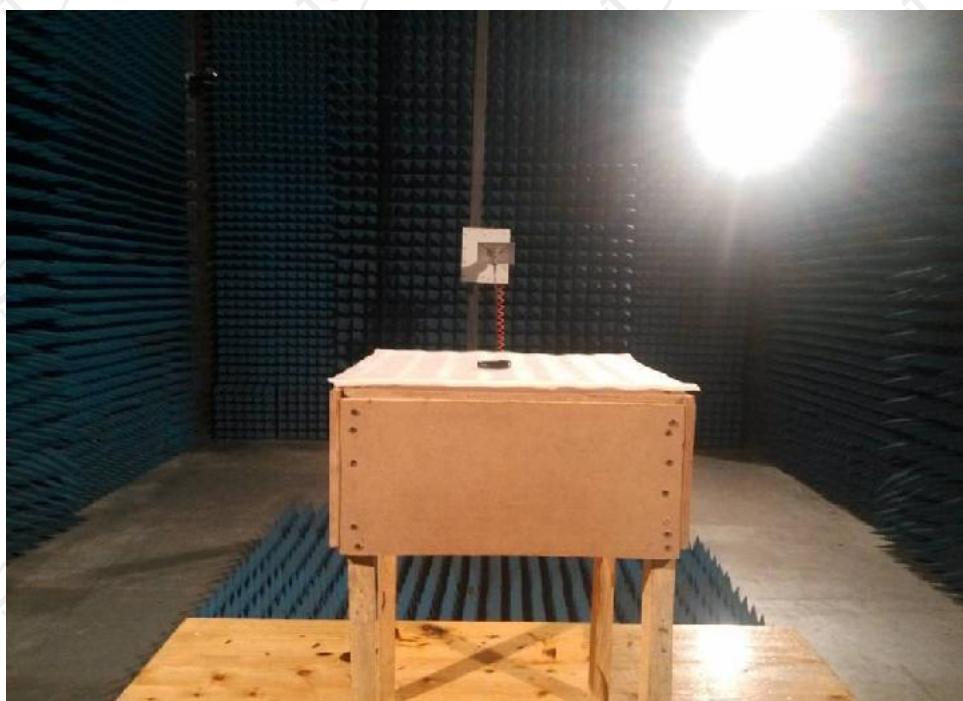
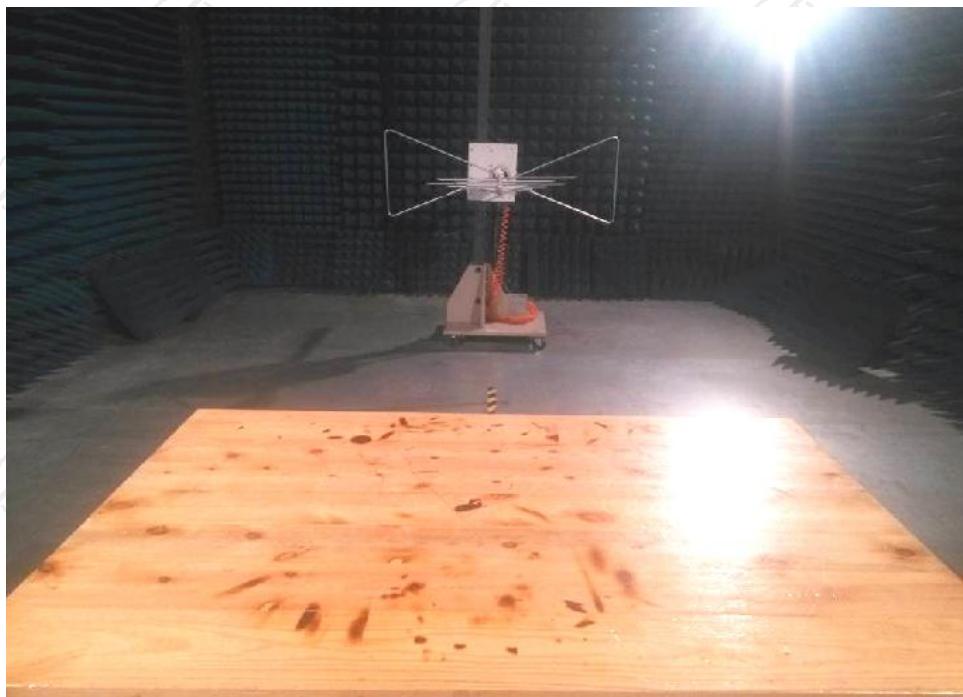


Appendix B: Photographs of Test Setup

Product: Bluetooth headset

Model: GF-B5

Radiated Emission



Conducted Emission



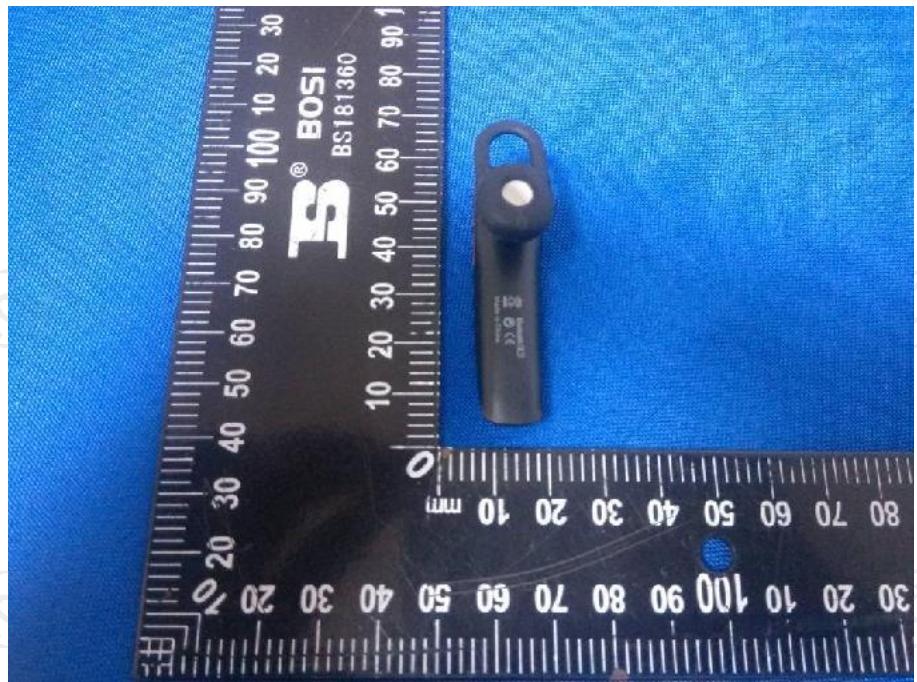
Appendix C: Photographs of EUT

Product: Bluetooth headset

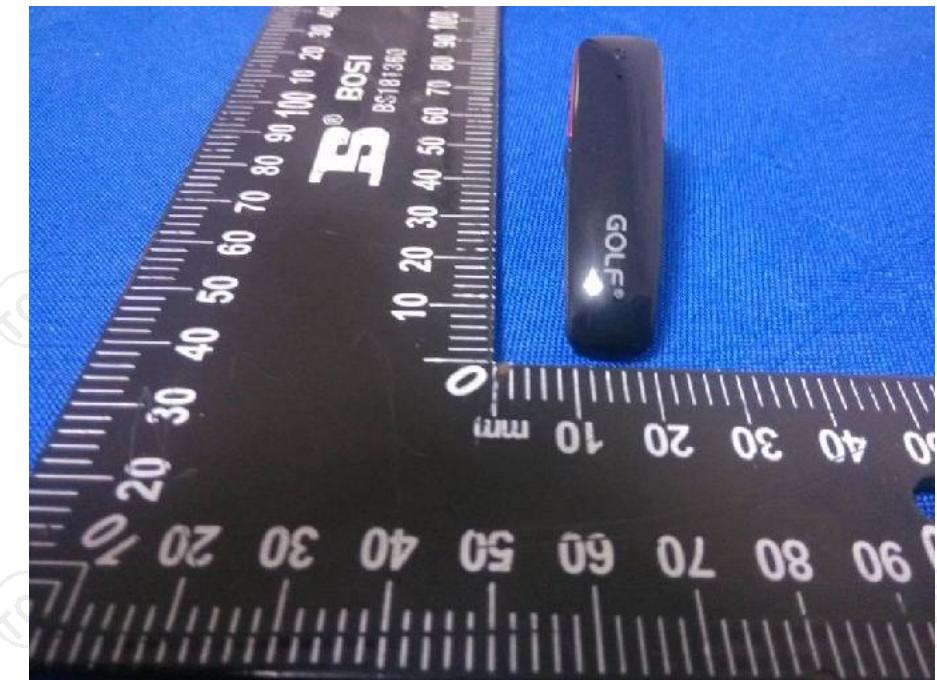
Model: GF-B5

External Photos









Product: Bluetooth headset

Model: GF-B5

Internal Photos

