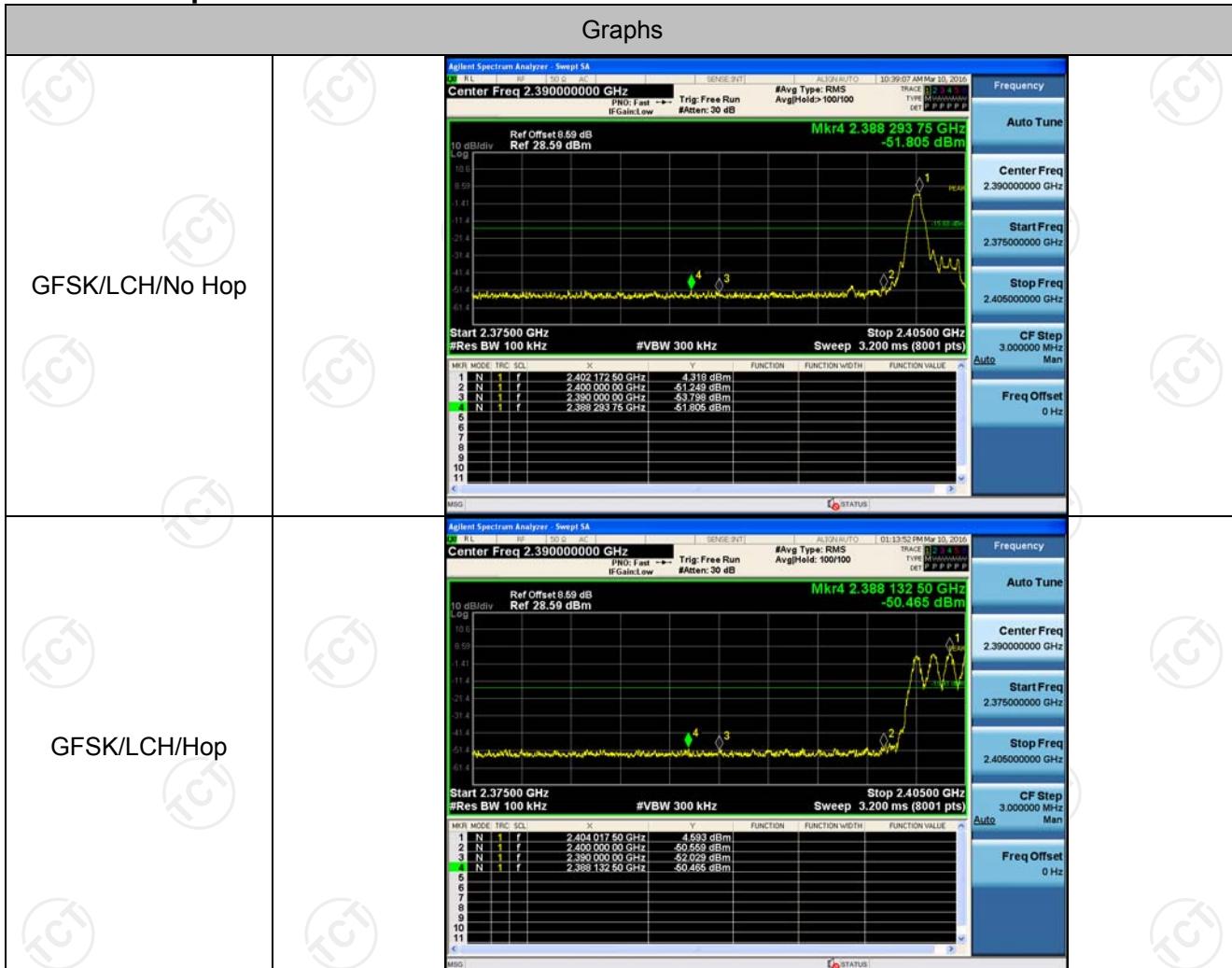


Band-edge for RF Conducted Emissions

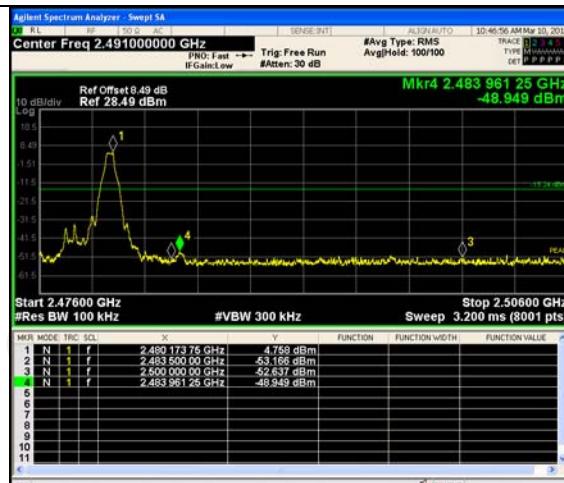
Result Table

Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict
GFSK	LCH	2402	4.318	Off	-51.805	-15.68	PASS
			4.593	On	-50.465	-15.41	PASS
GFSK	HCH	2480	4.758	Off	-48.949	-15.24	PASS
			4.536	On	-47.877	-15.46	PASS
$\pi/4$ DQPSK	LCH	2402	0.919	Off	-50.432	-19.08	PASS
			0.088	On	-51.361	-19.91	PASS
$\pi/4$ DQPSK	HCH	2480	1.430	Off	-48.893	-18.57	PASS
			0.359	On	-49.137	-19.64	PASS
8DPSK	LCH	2402	0.273	Off	-50.946	-19.73	PASS
			1.386	On	-50.257	-18.61	PASS
8DPSK	HCH	2480	1.481	Off	-50.688	-18.52	PASS
			-1.352	On	-50.619	-21.35	PASS

Test Graph

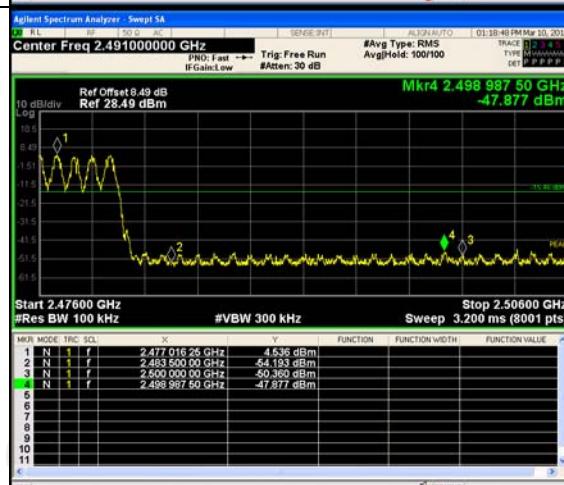


GFSK/HCH/No Hop



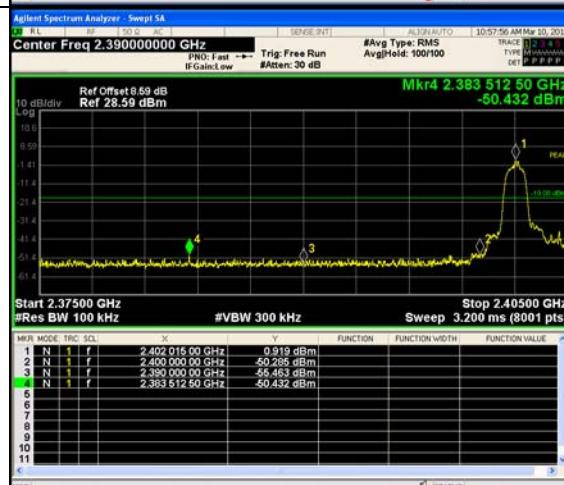
Frequency
Auto Tune
Center Freq
2.491000000 GHz
Start Freq
2.476000000 GHz
Stop Freq
2.506000000 GHz
CF Step
3.000000 MHz
Auto
Man
Freq Offset
0 Hz

GFSK/HCH/Hop



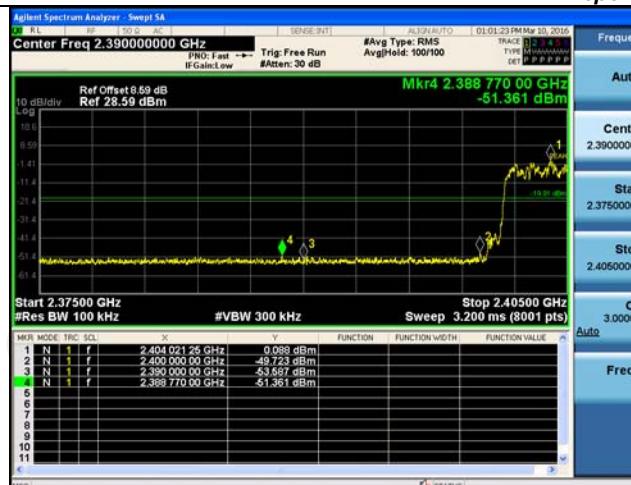
Frequency
Auto Tune
Center Freq
2.491000000 GHz
Start Freq
2.476000000 GHz
Stop Freq
2.506000000 GHz
CF Step
3.000000 MHz
Auto
Man
Freq Offset
0 Hz

π/4DQPSK/LCH/No Hop



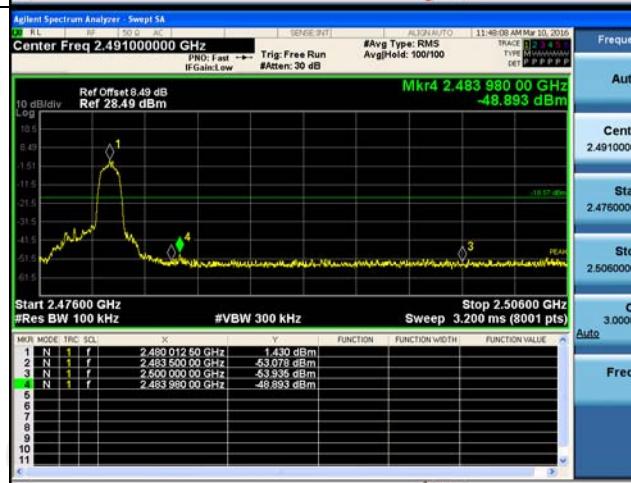
Frequency
Auto Tune
Center Freq
2.390000000 GHz
Start Freq
2.375000000 GHz
Stop Freq
2.405000000 GHz
CF Step
3.000000 MHz
Auto
Man
Freq Offset
0 Hz

$\pi/4$ DQPSK/LCH/Hop



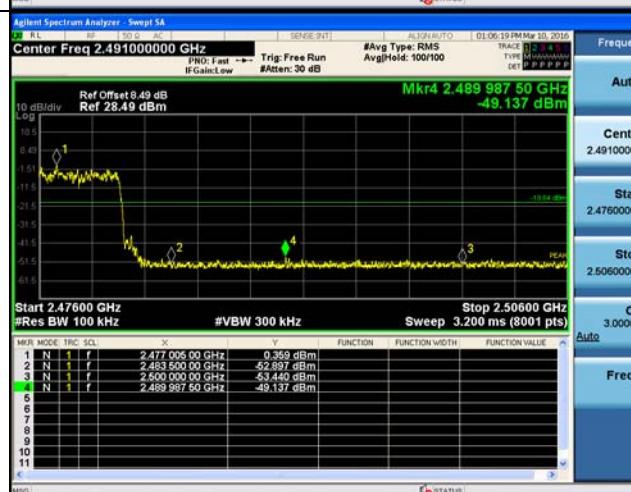
Frequency
Auto Tune
Center Freq
2.390000000 GHz
Start Freq
2.375000000 GHz
Stop Freq
2.405000000 GHz
CF Step
3.000000 MHz
Auto
Man
Freq Offset
0 Hz

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



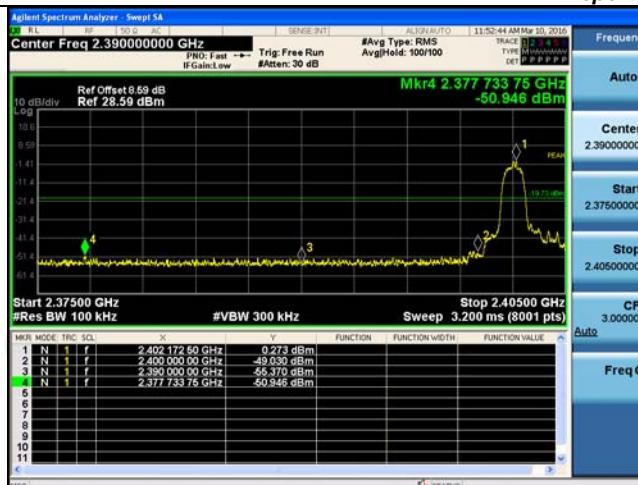
Frequency
Auto Tune
Center Freq
2.491000000 GHz
Start Freq
2.476000000 GHz
Stop Freq
2.506000000 GHz
CF Step
3.000000 MHz
Auto
Man
Freq Offset
0 Hz

$\pi/4$ DQPSK/HCH/Hop



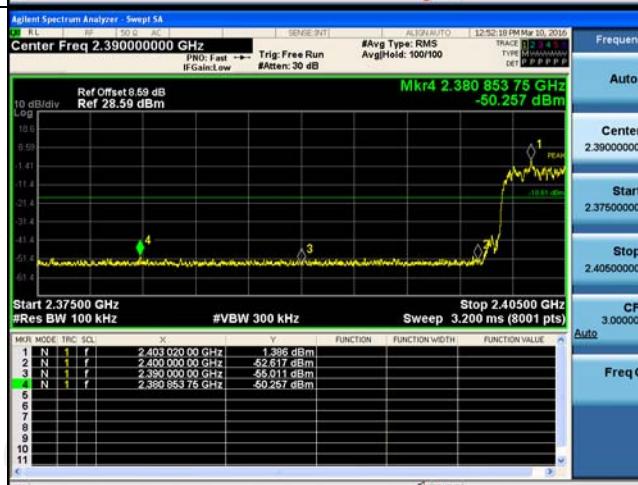
Frequency
Auto Tune
Center Freq
2.491000000 GHz
Start Freq
2.476000000 GHz
Stop Freq
2.506000000 GHz
CF Step
3.000000 MHz
Auto
Man
Freq Offset
0 Hz

8DPSK/LCH/No Hop



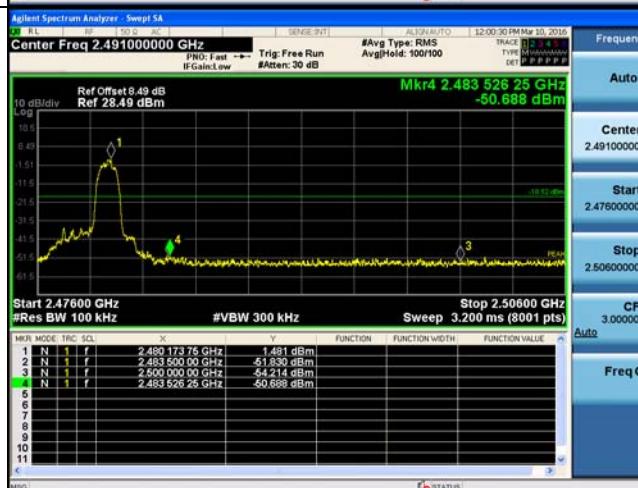
Frequency
Auto Tune
Center Freq
2.390000000 GHz
Start Freq
2.375000000 GHz
Stop Freq
2.405000000 GHz
CF Step
3.000000 MHz
Auto
Man
Freq Offset
0 Hz

8DPSK/LCH/Hop

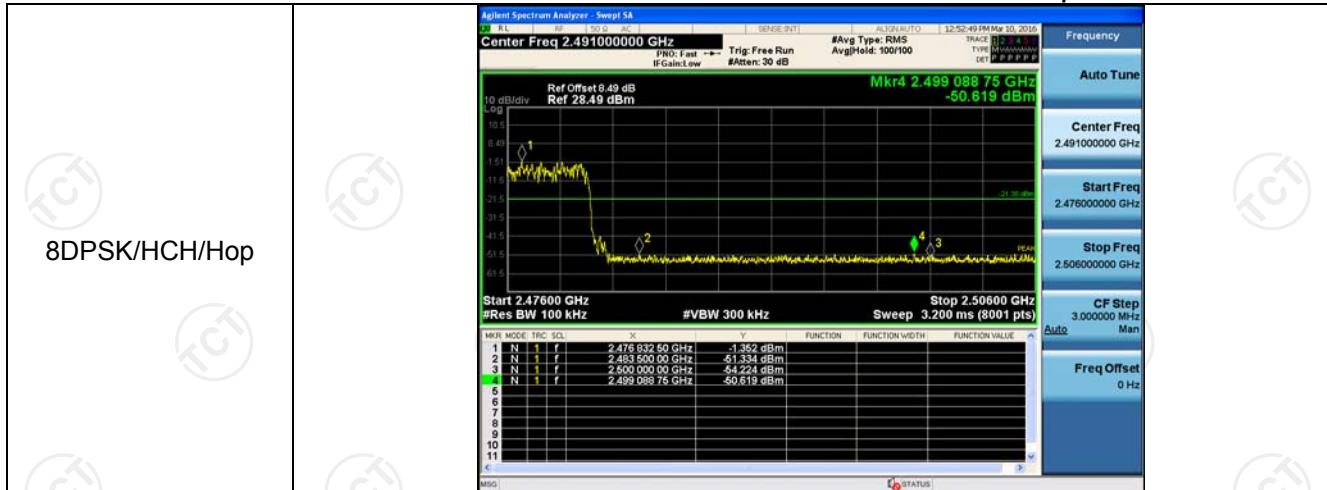


Frequency
Auto Tune
Center Freq
2.390000000 GHz
Start Freq
2.375000000 GHz
Stop Freq
2.405000000 GHz
CF Step
3.000000 MHz
Auto
Man
Freq Offset
0 Hz

8DPSK/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
Man
Freq Offset
0 Hz

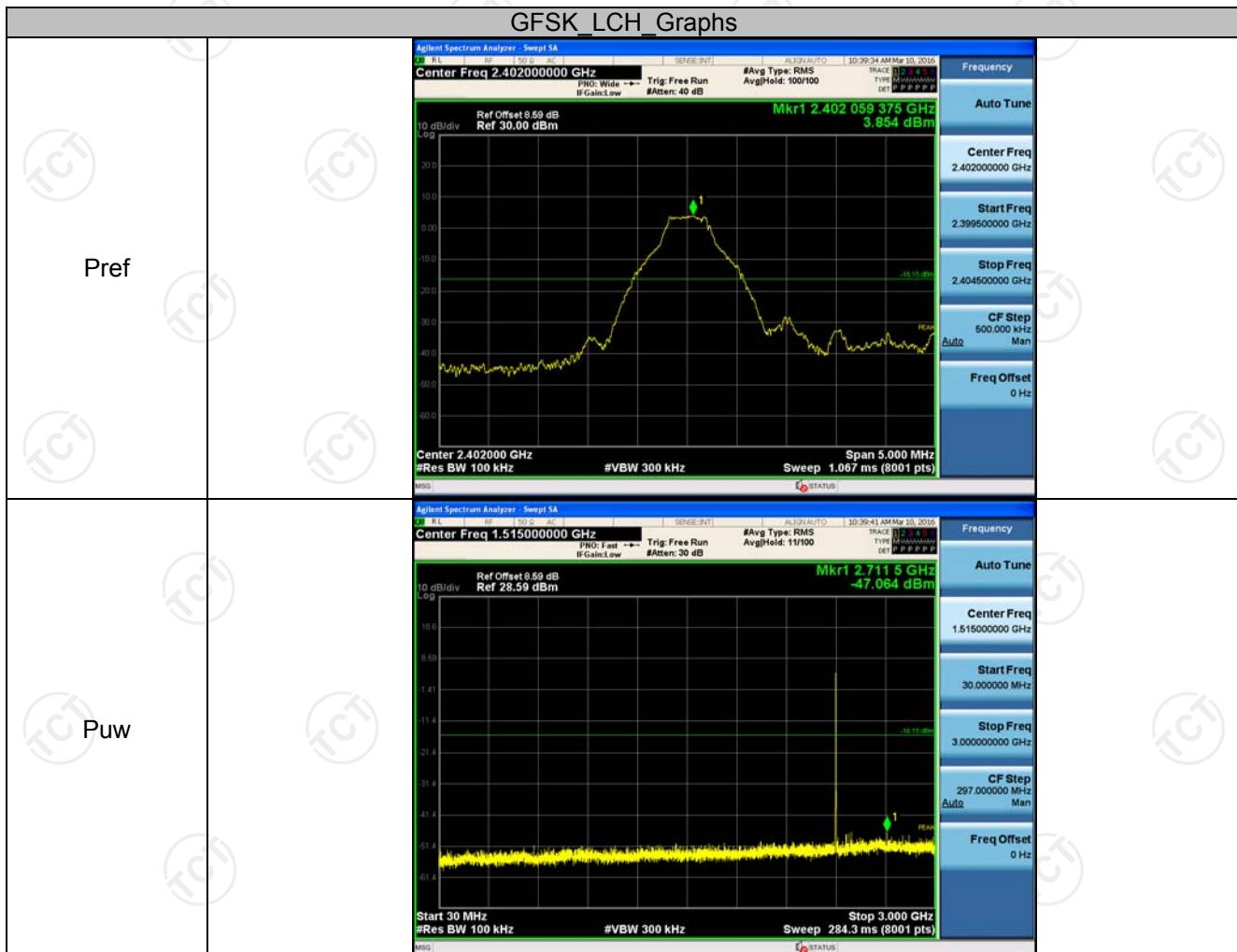


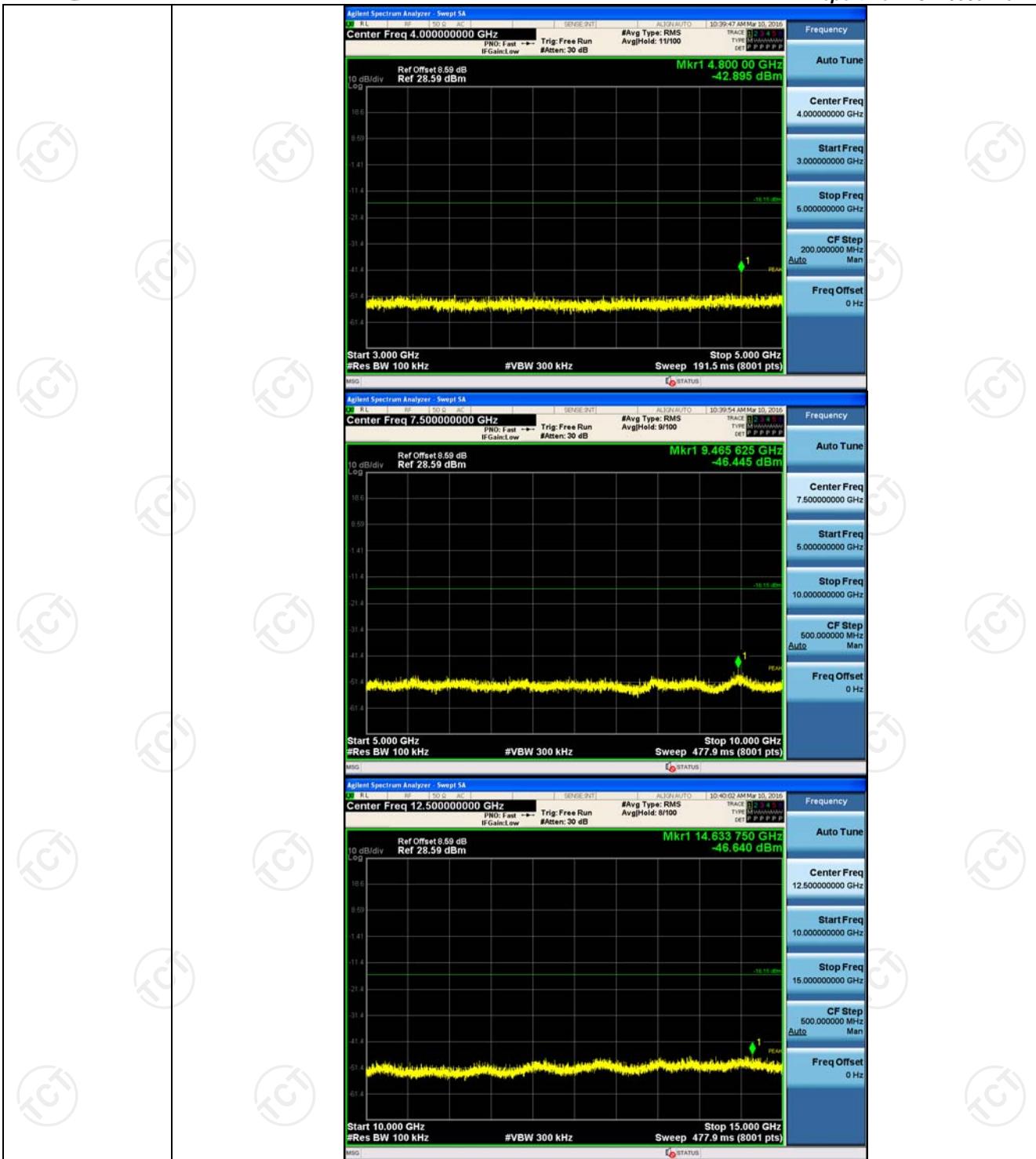
RF Conducted Spurious Emissions

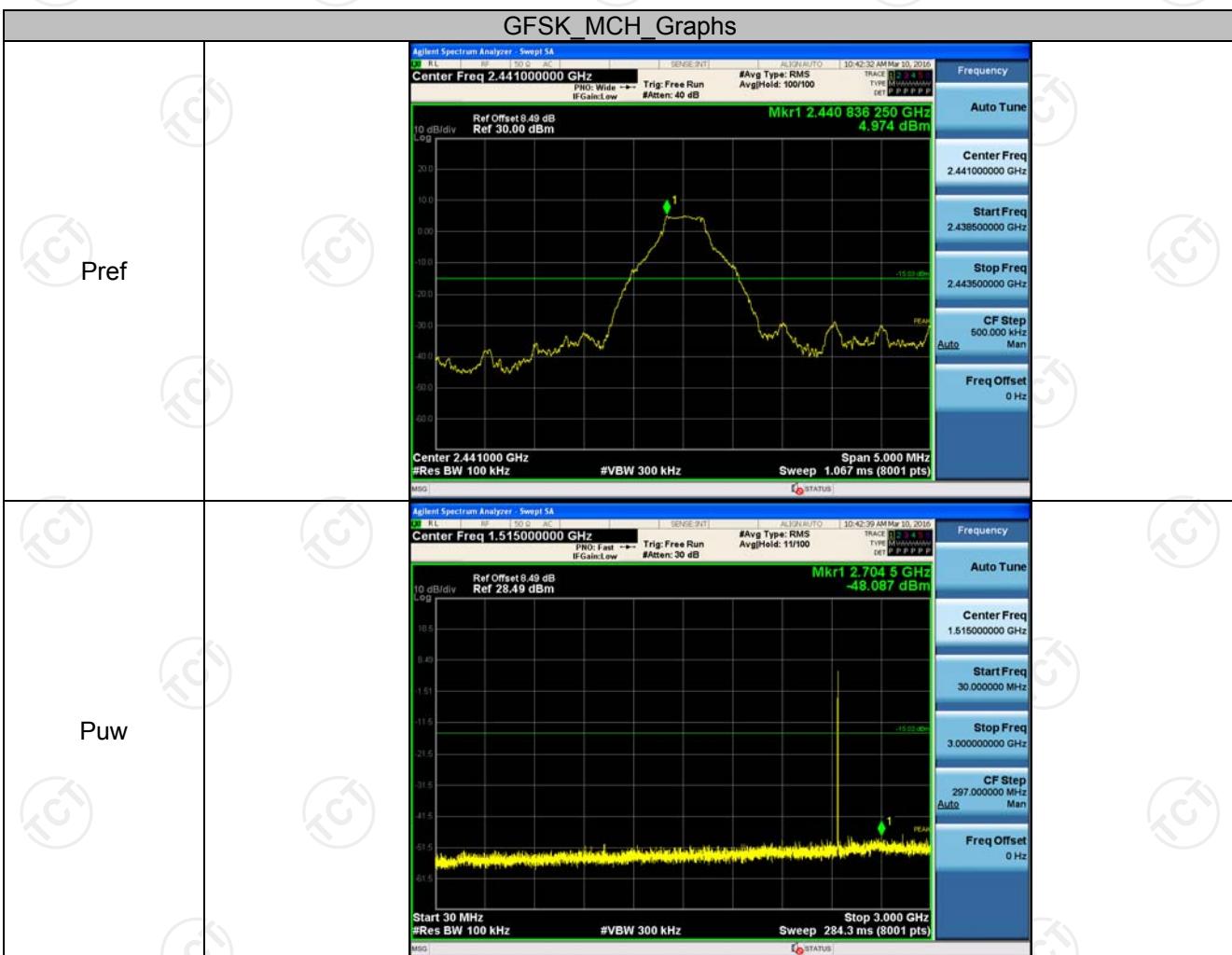
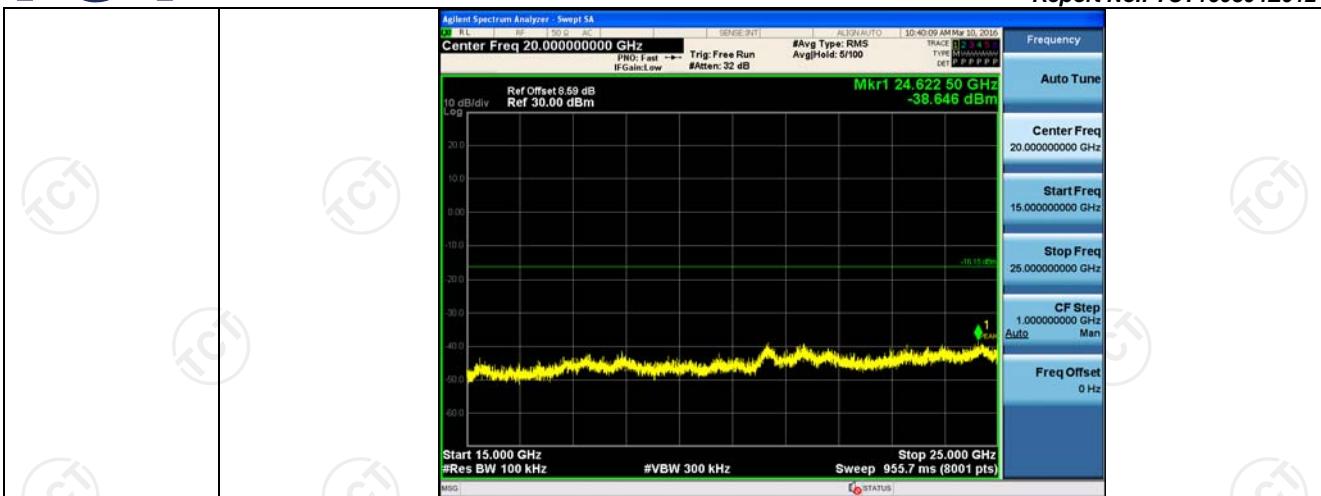
Result Table

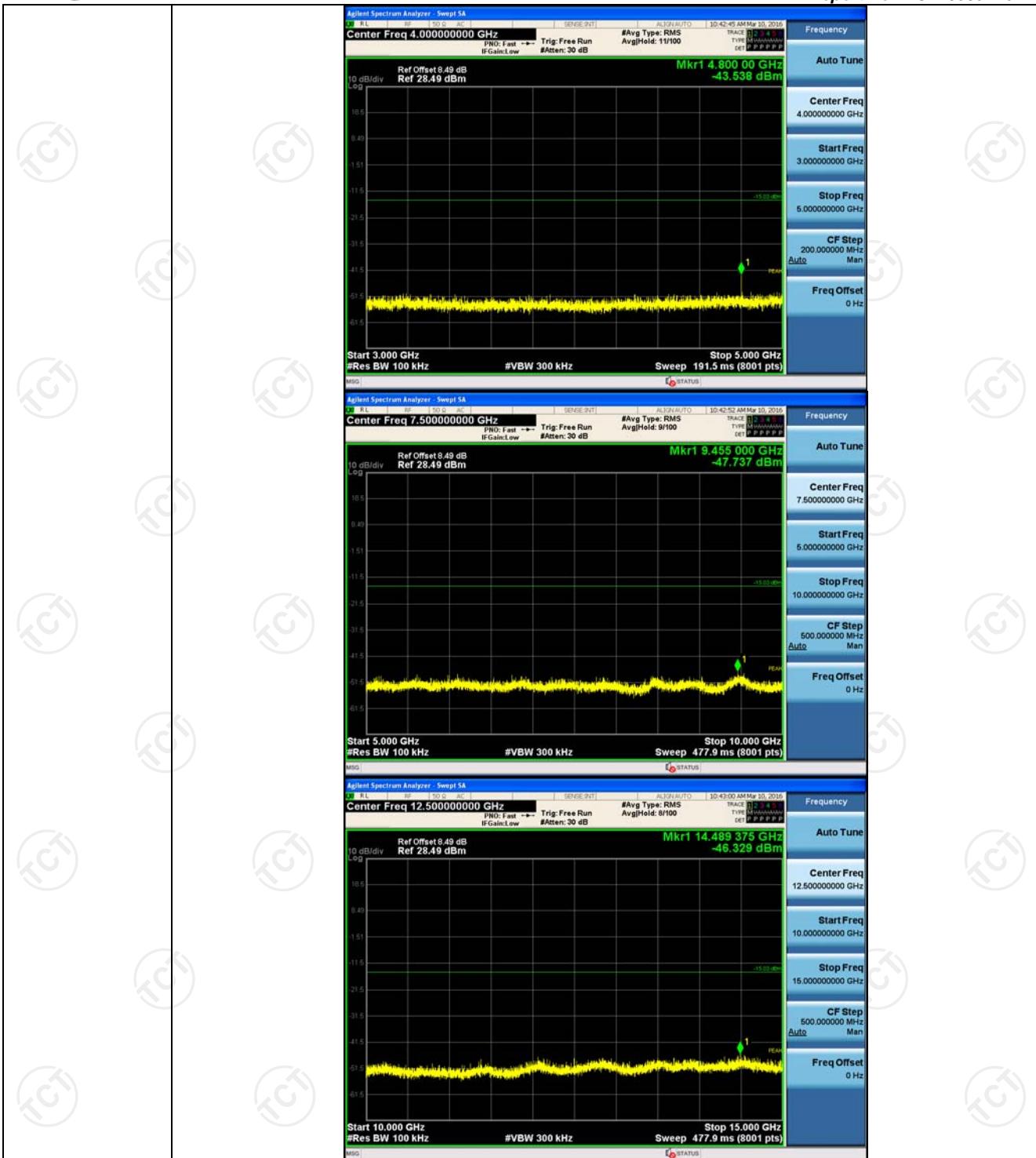
Mode	Channel	Pref [dBm]	Puw[dBm]	Verdict
GFSK	LCH	3.854	<Limit	PASS
GFSK	MCH	4.974	<Limit	PASS
GFSK	HCH	4.789	<Limit	PASS
π/4DQPSK	LCH	0.337	<Limit	PASS
π/4DQPSK	MCH	2.129	<Limit	PASS
π/4DQPSK	HCH	1.594	<Limit	PASS
8DPSK	LCH	0.247	<Limit	PASS
8DPSK	MCH	0.709	<Limit	PASS
8DPSK	HCH	1.531	<Limit	PASS

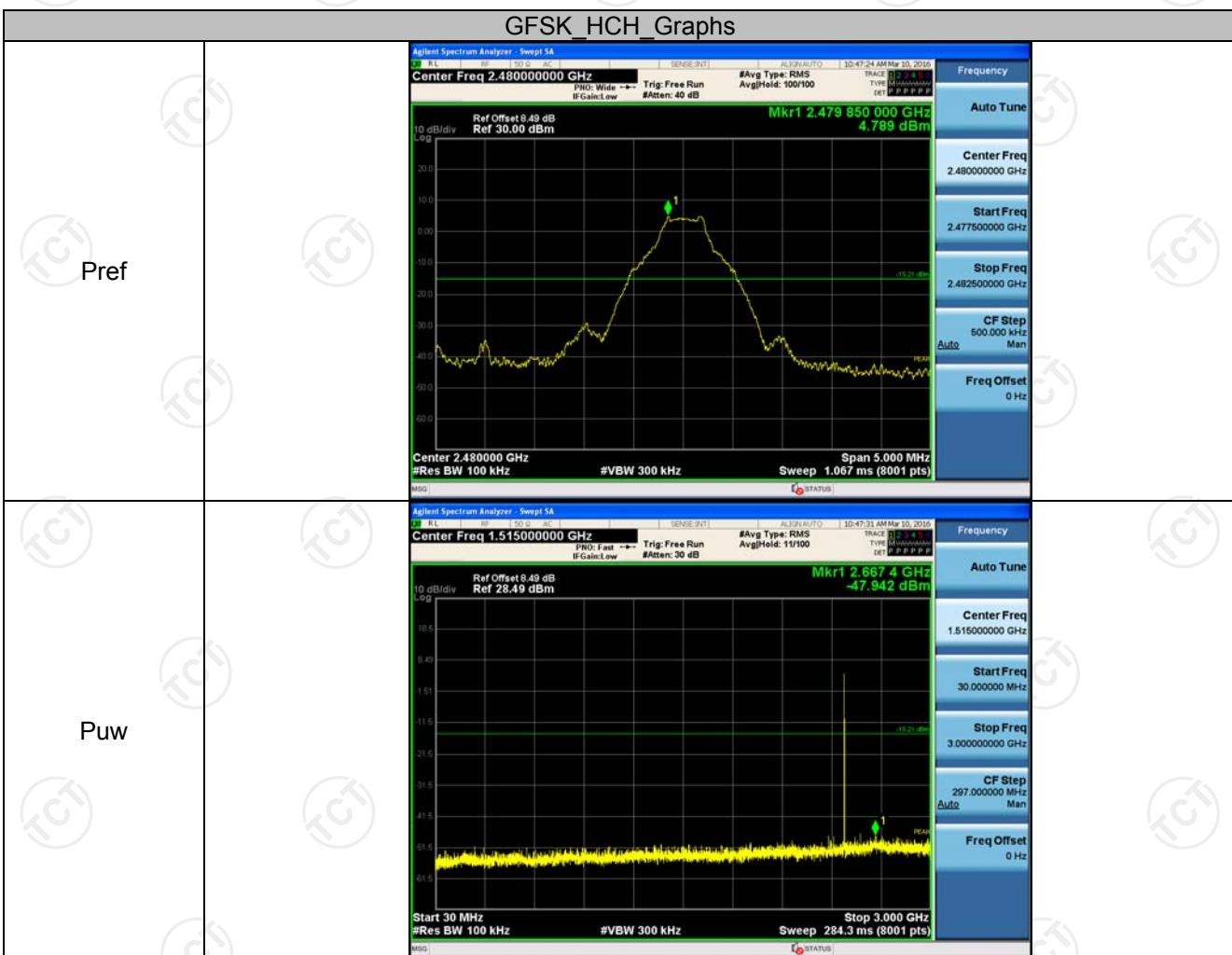
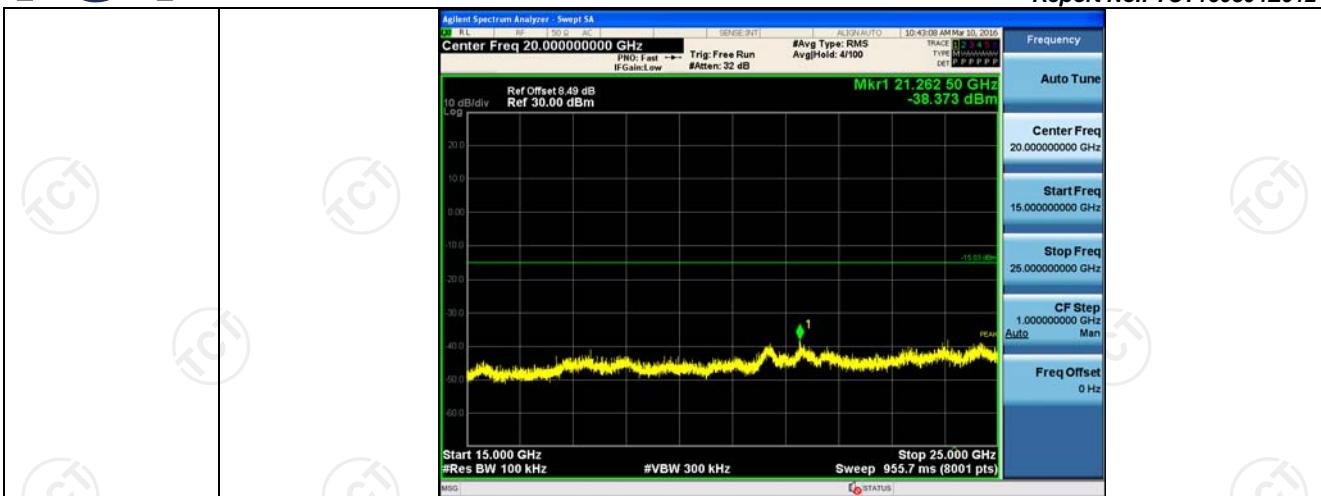
Test Graph

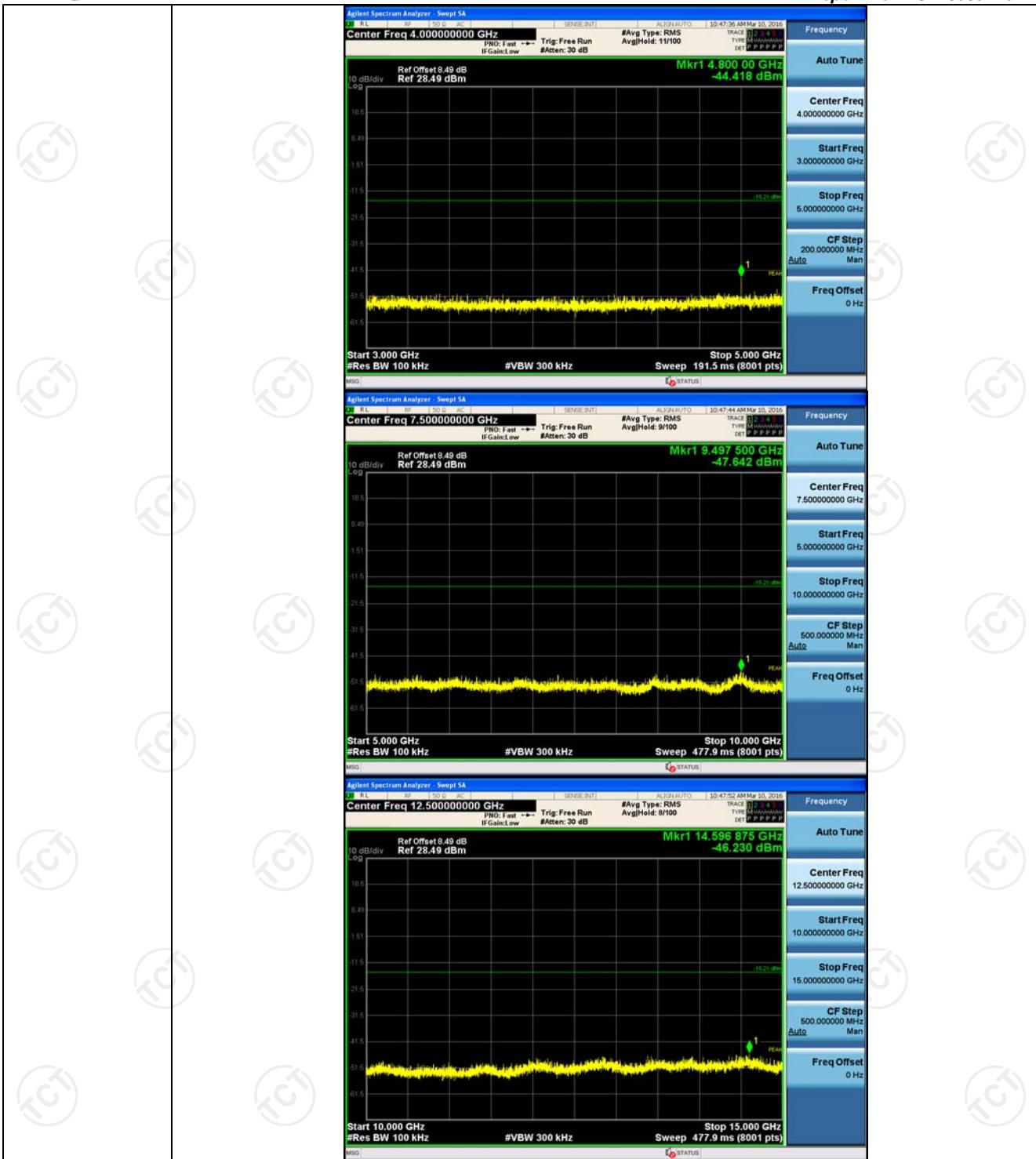


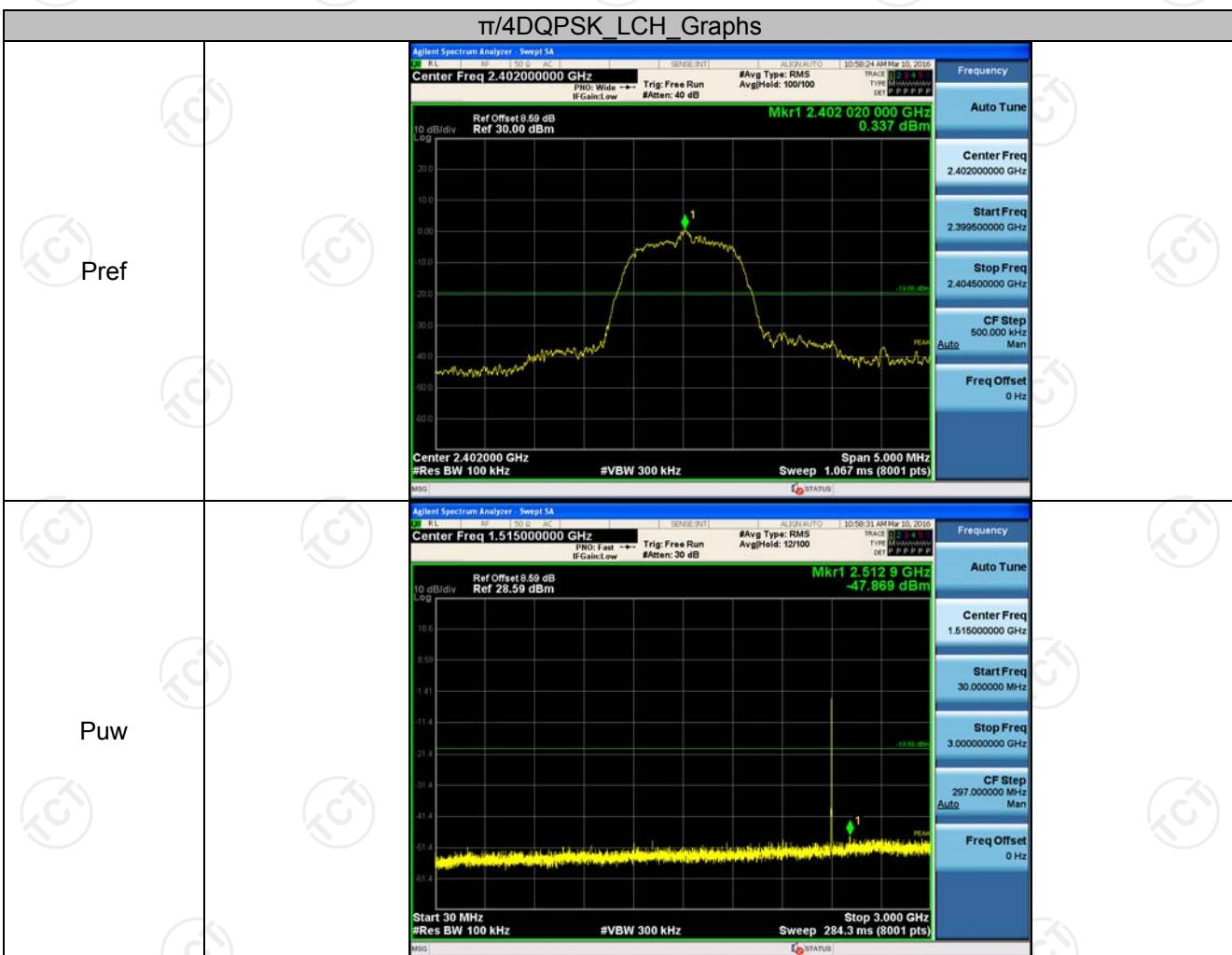
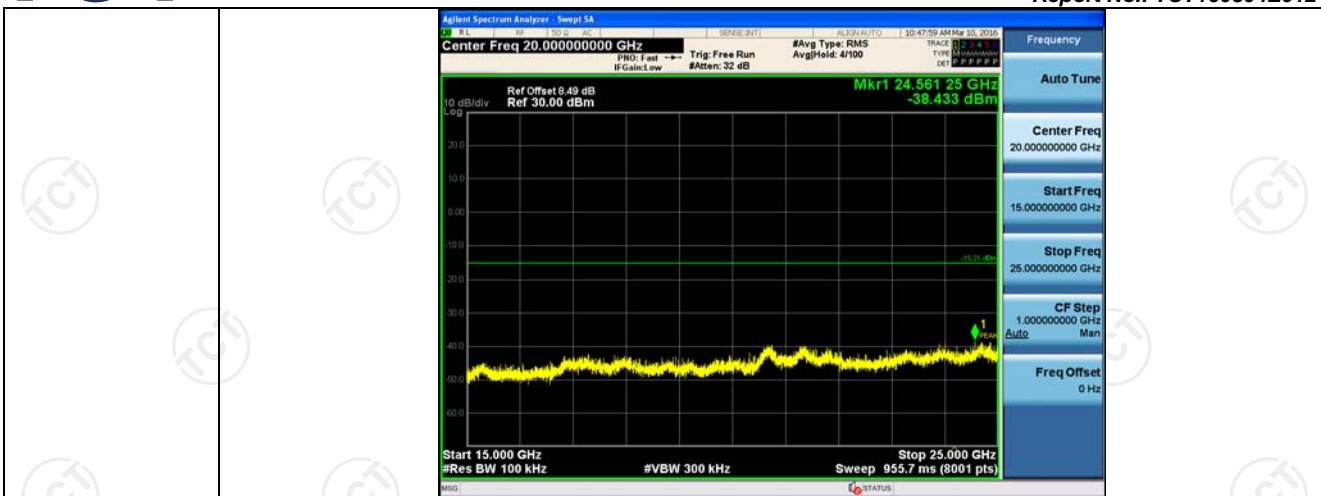


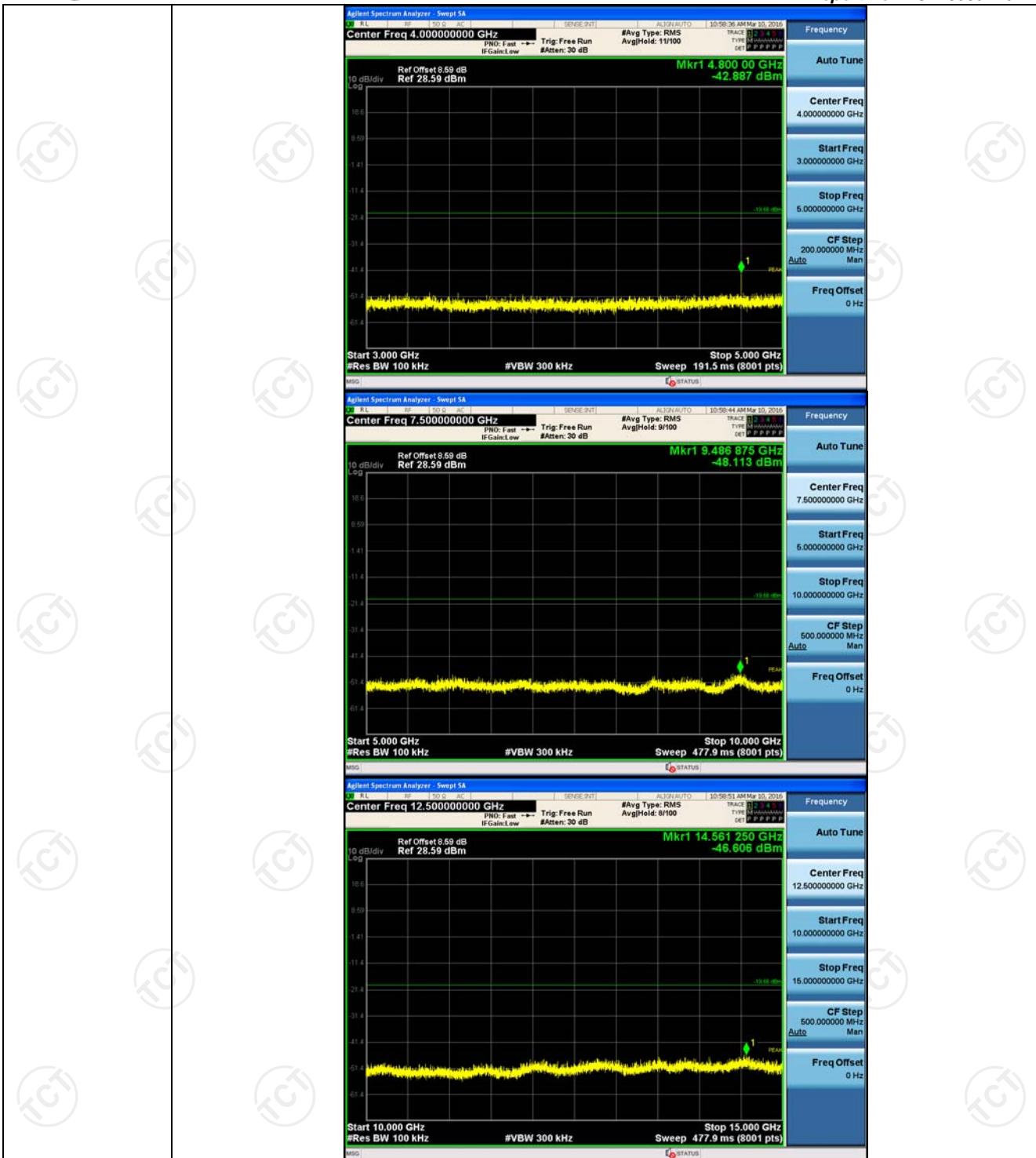


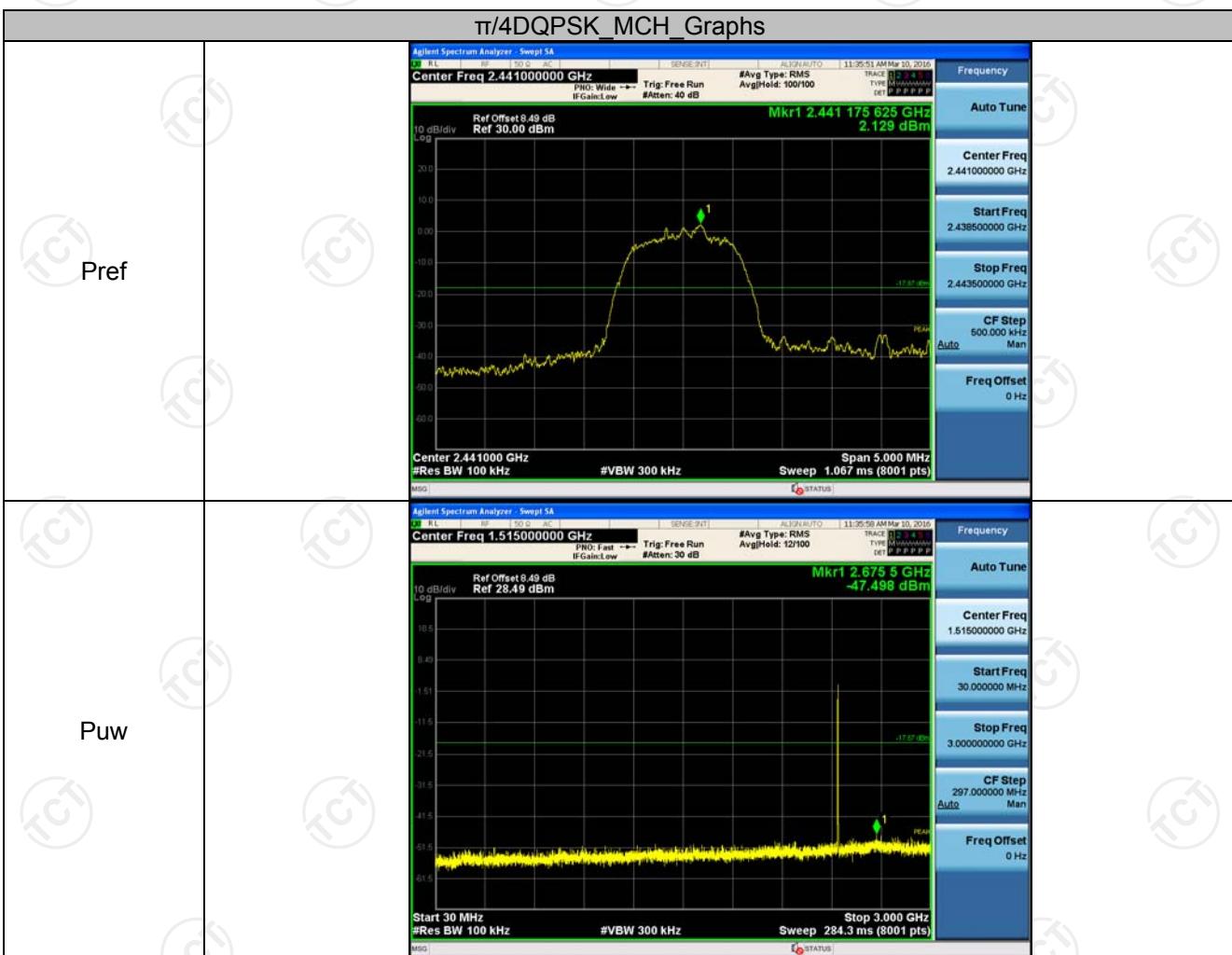
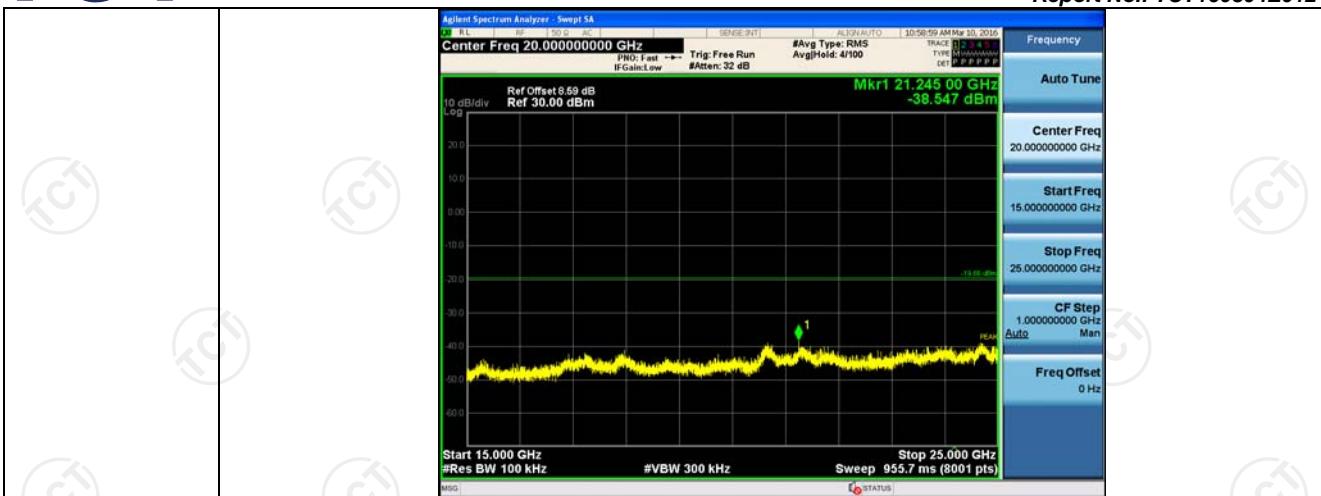


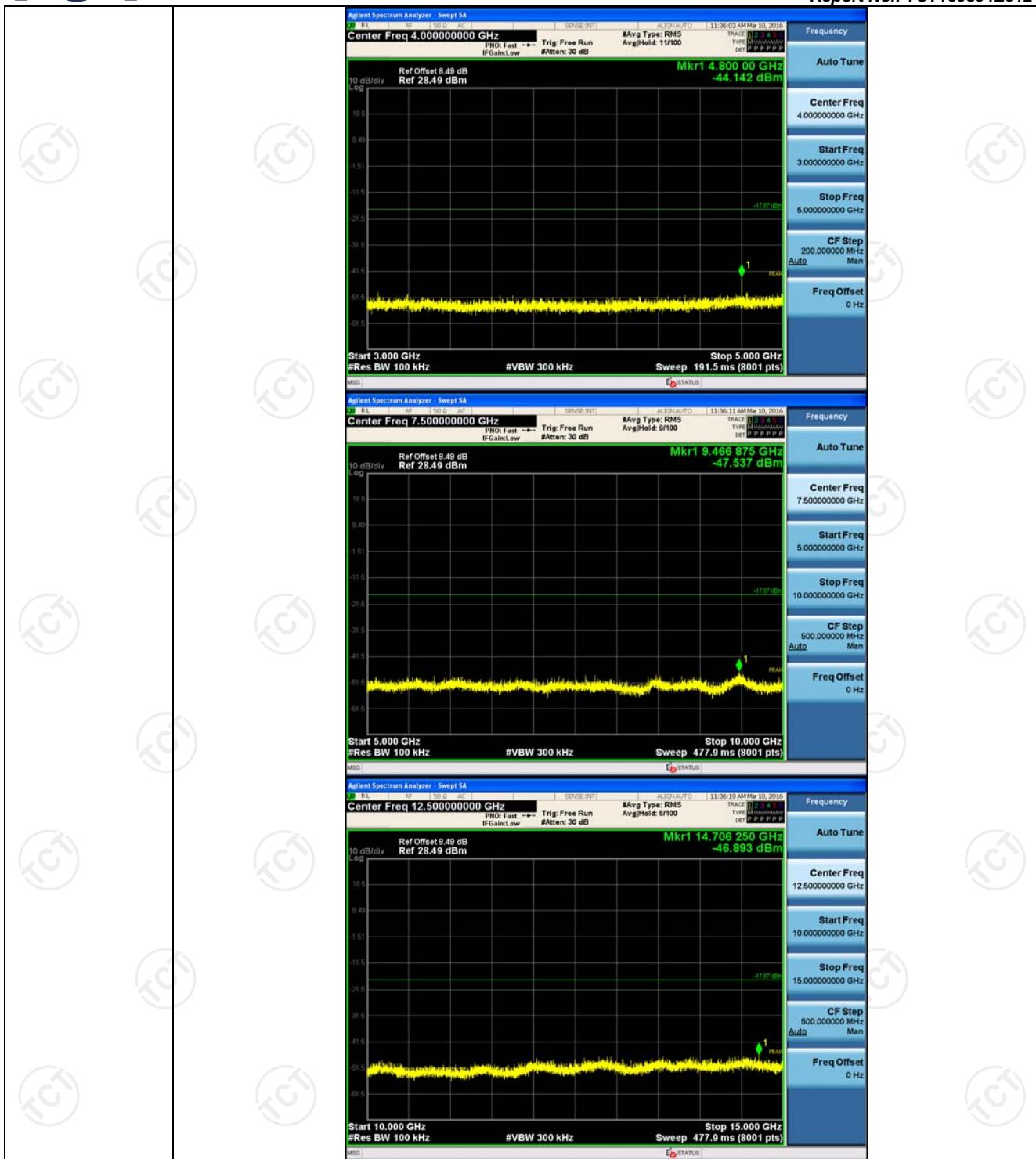


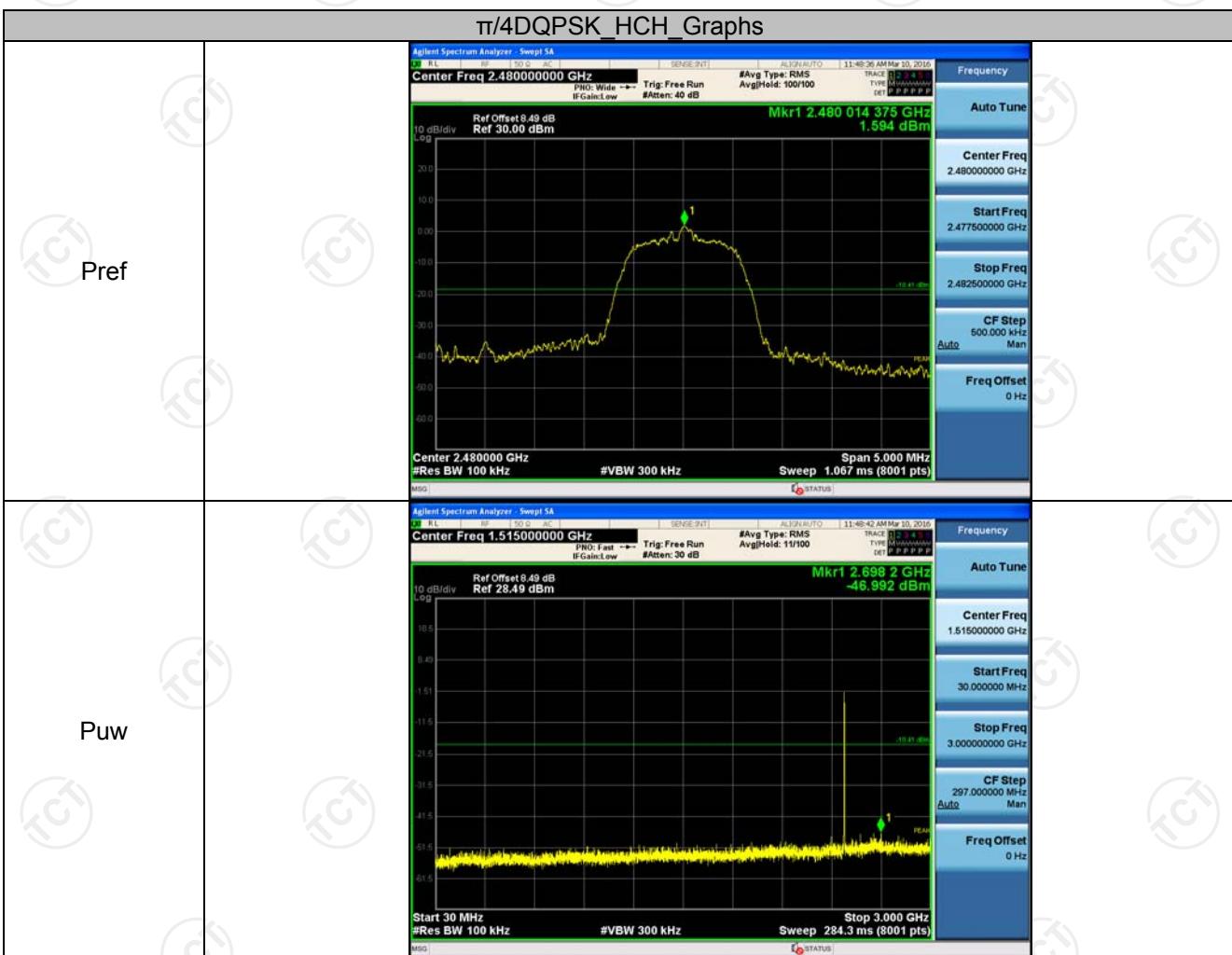
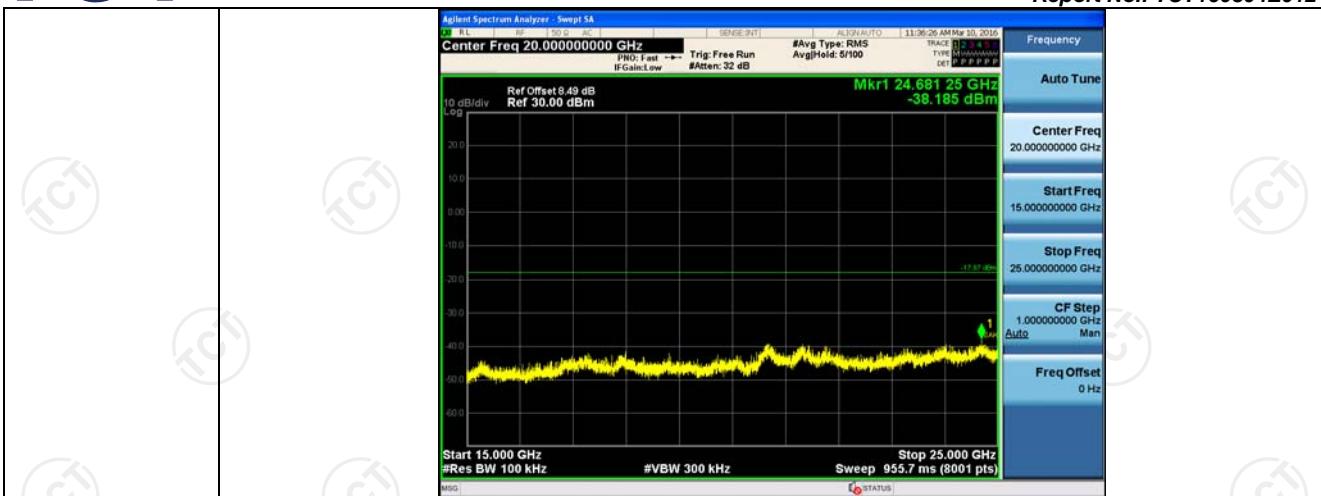


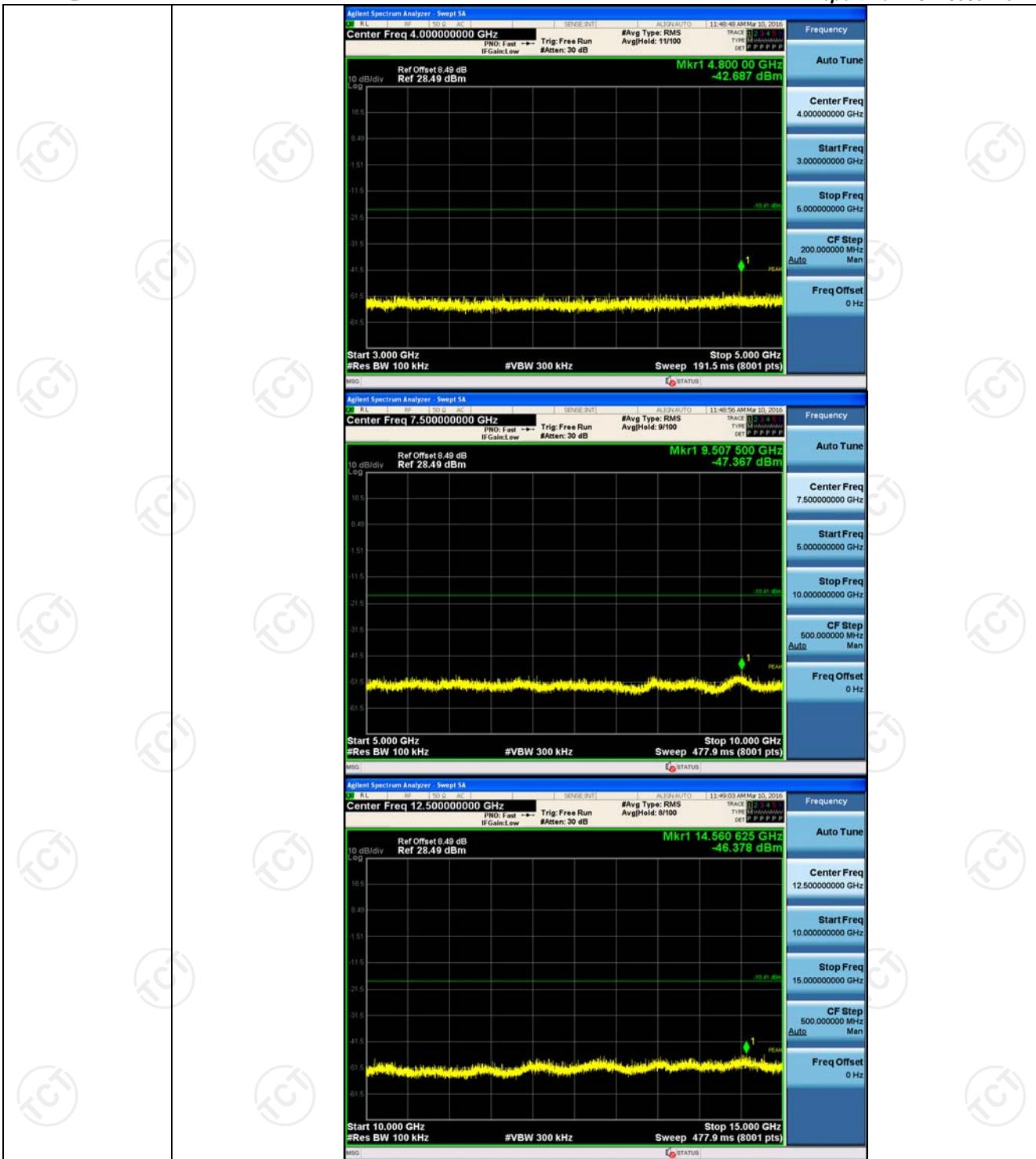


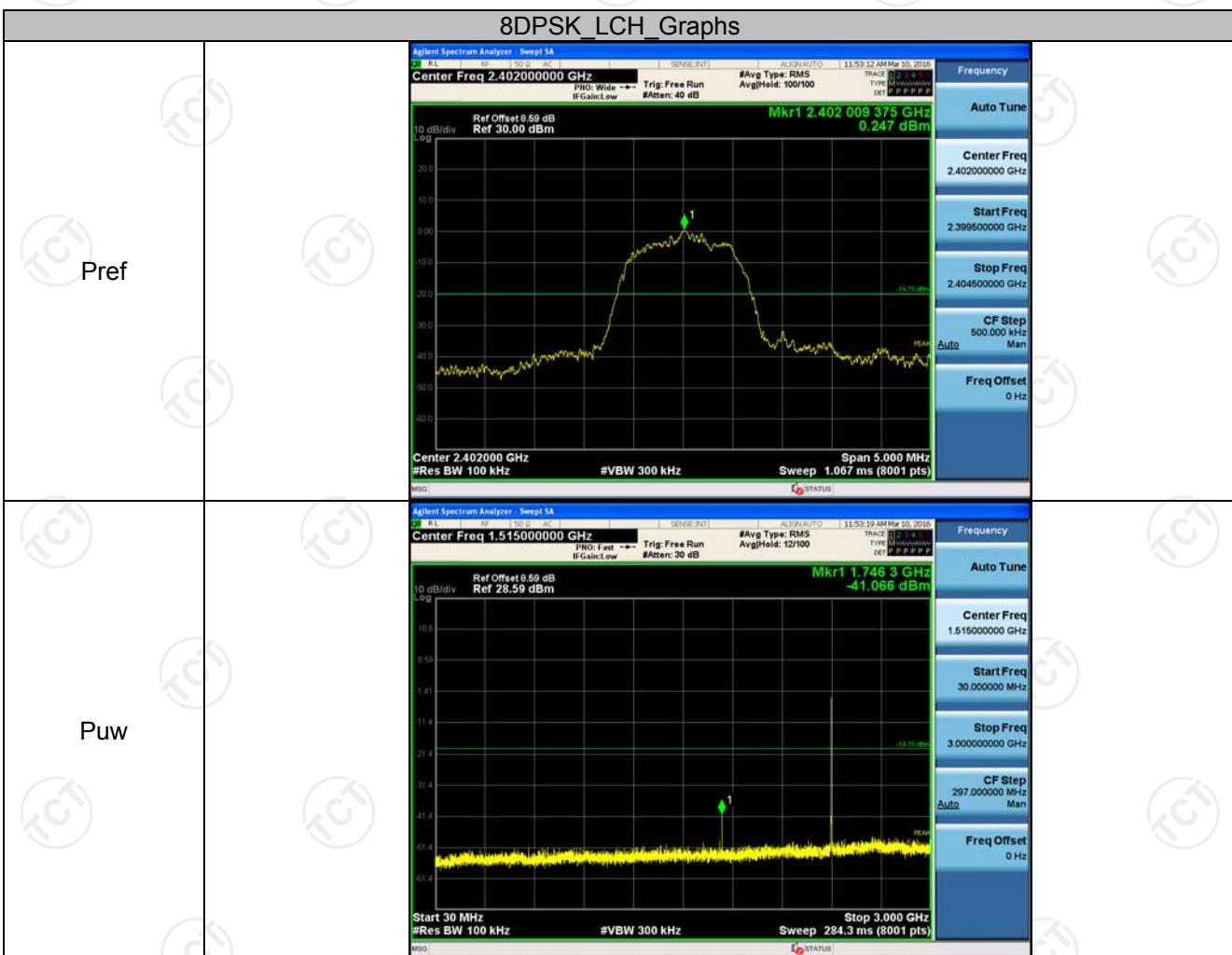
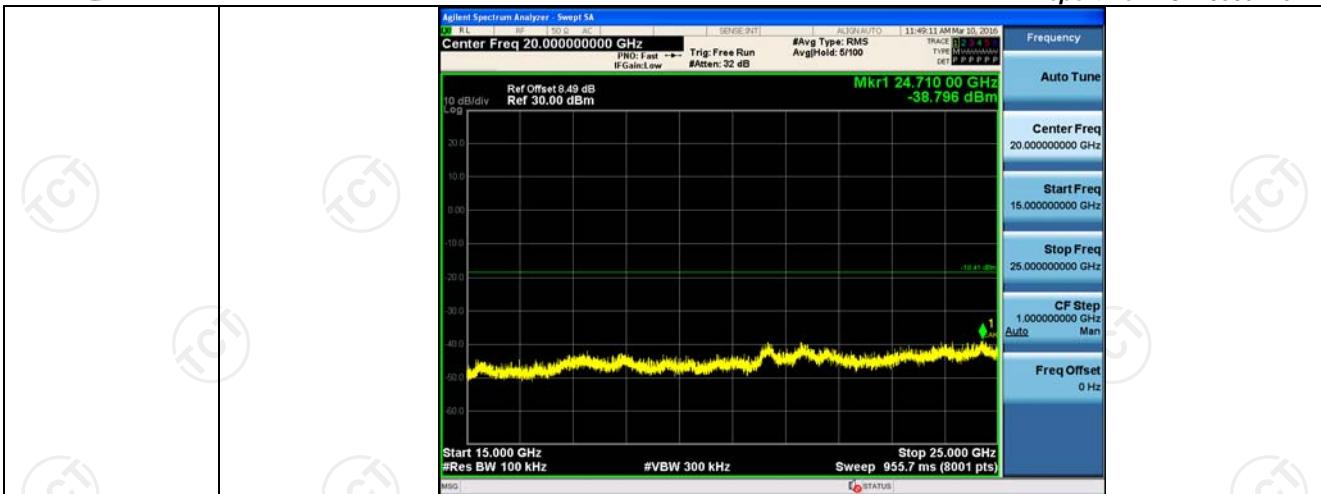


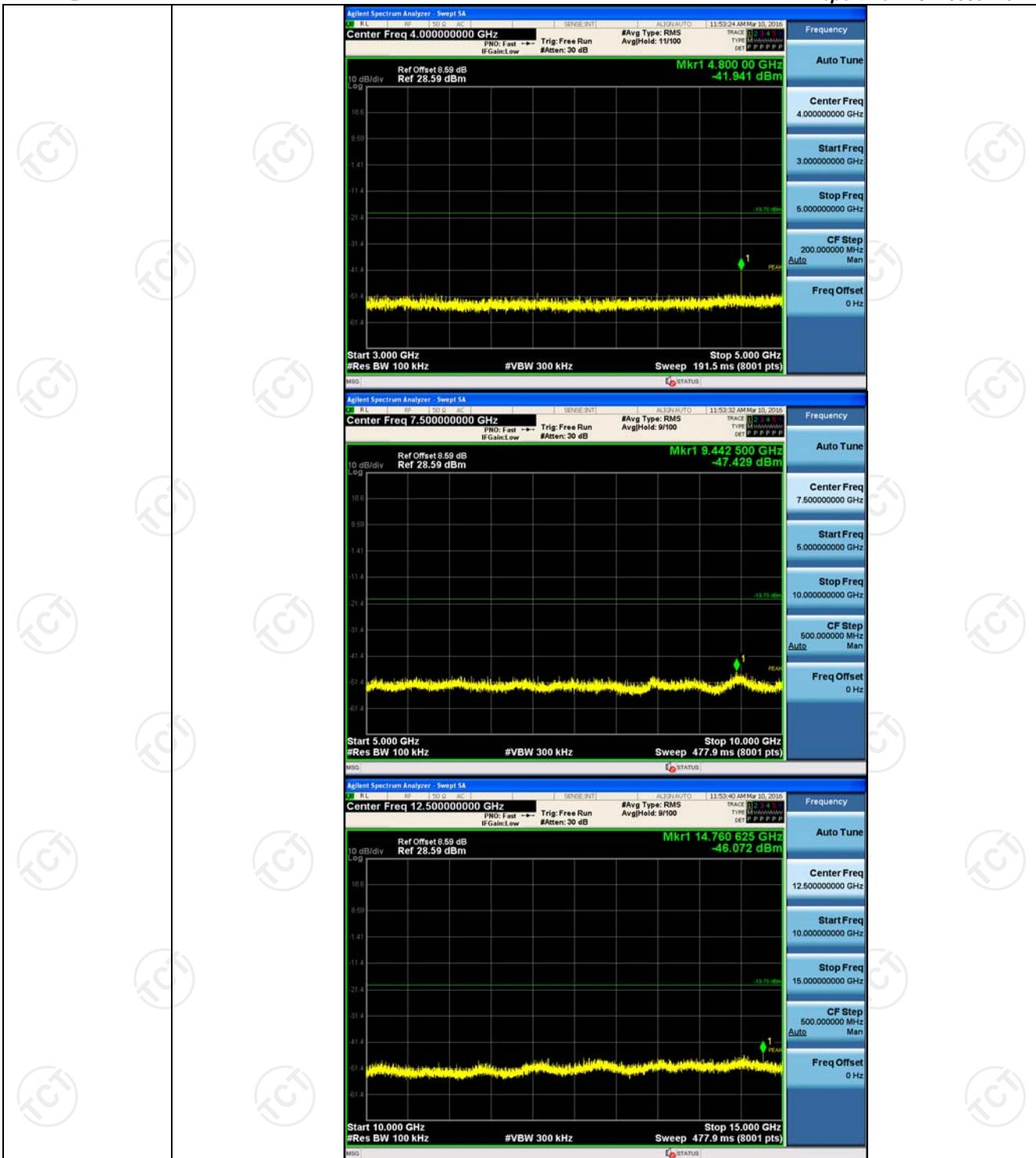


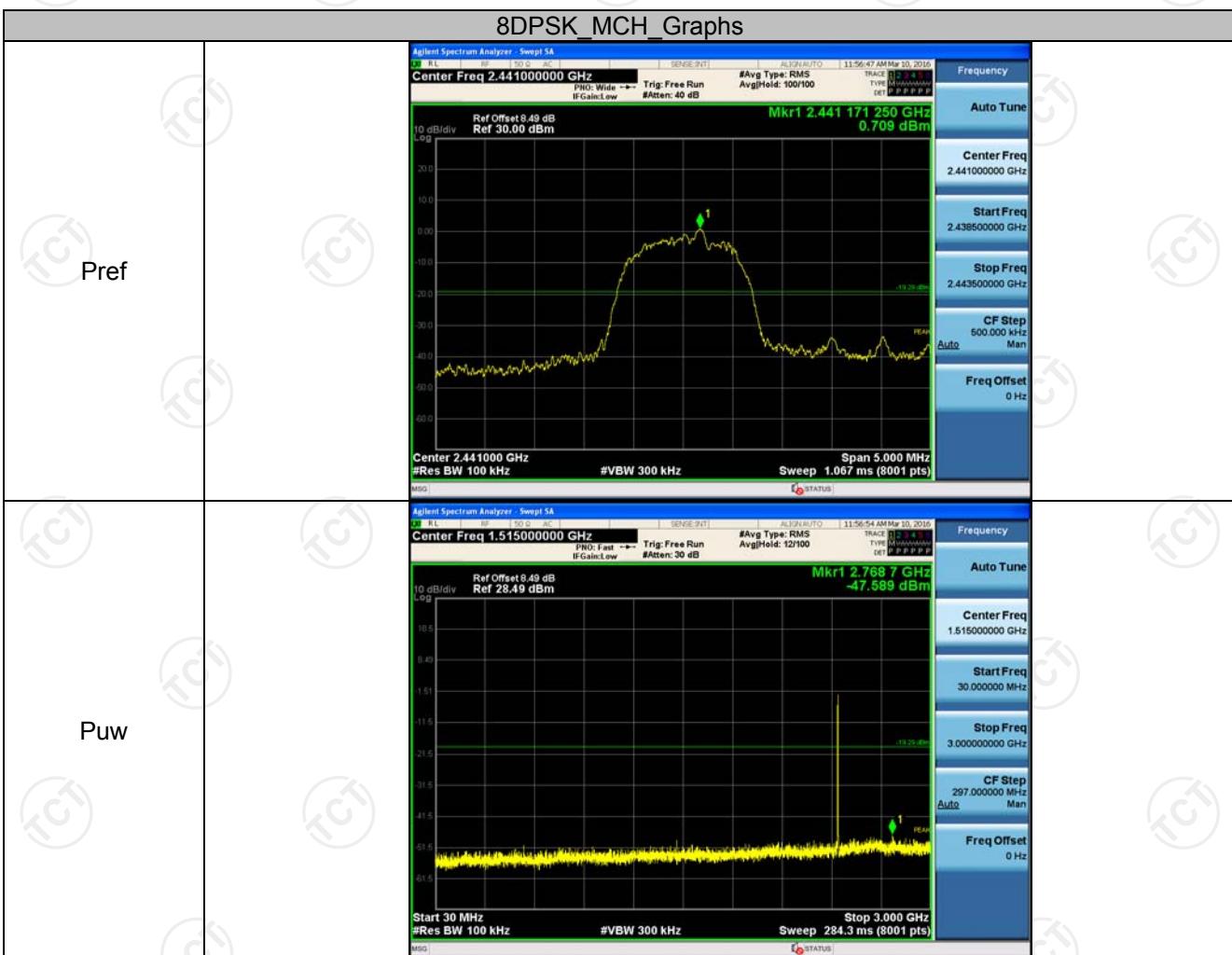
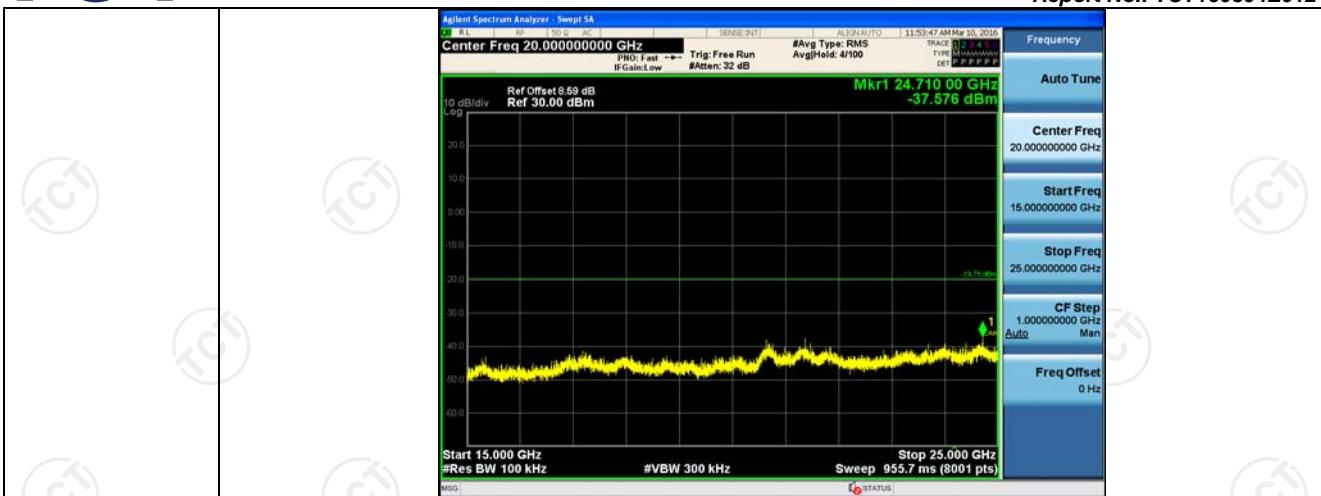


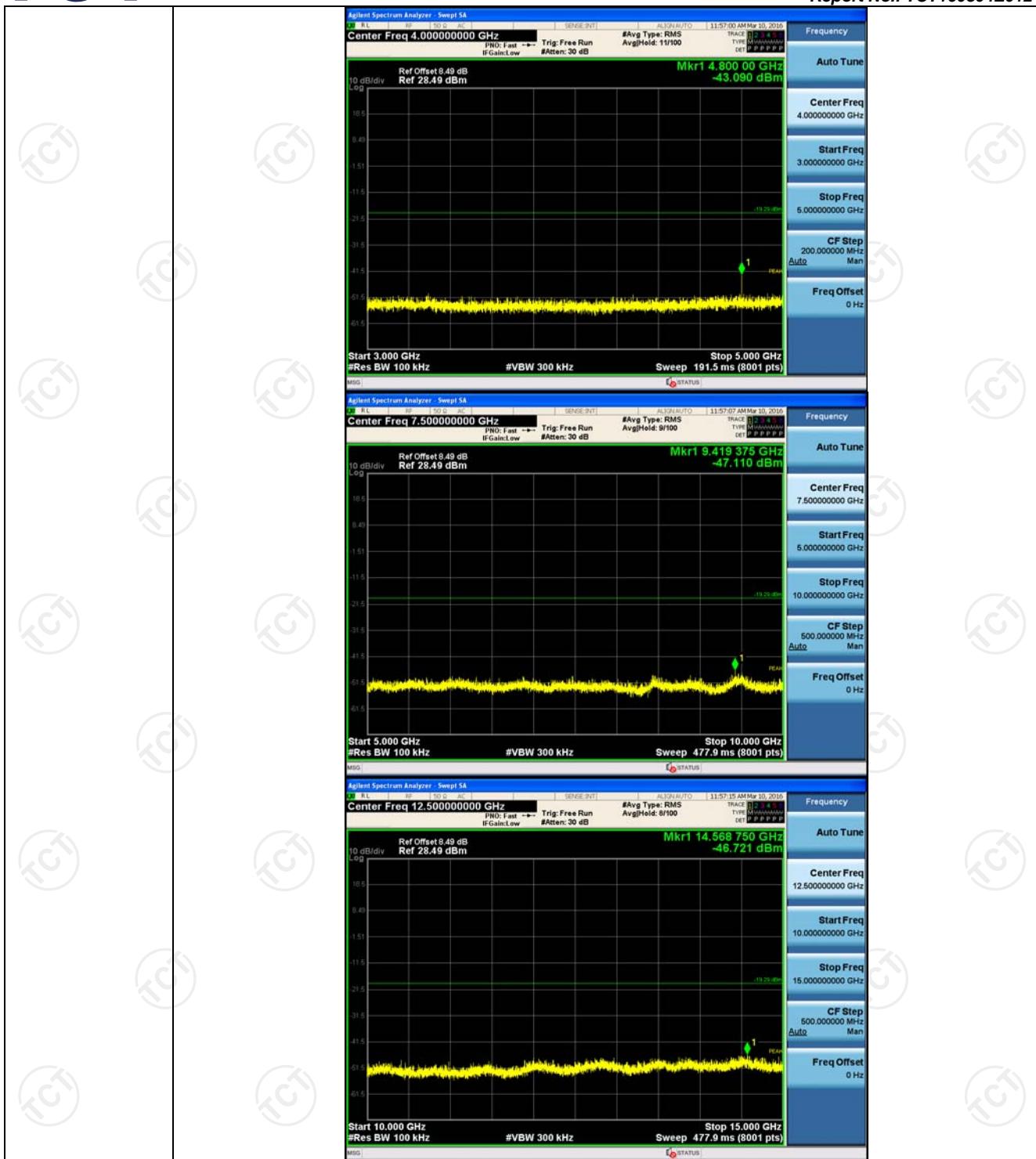


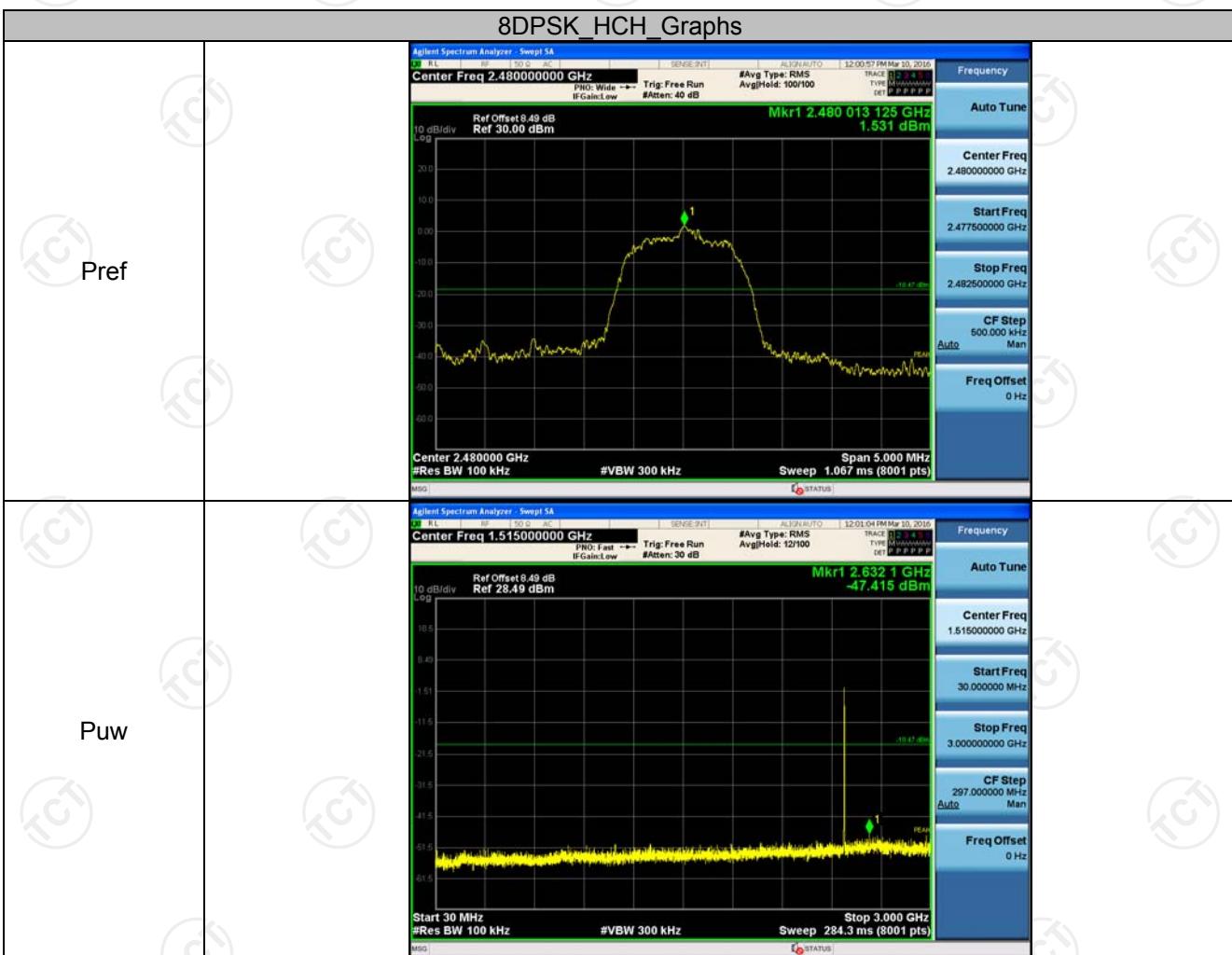
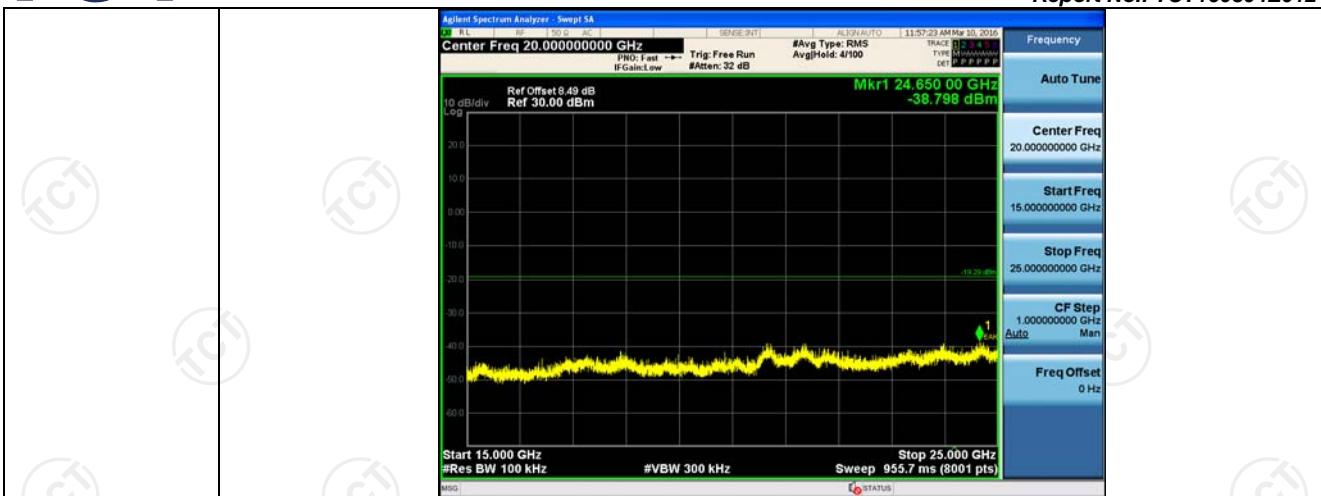


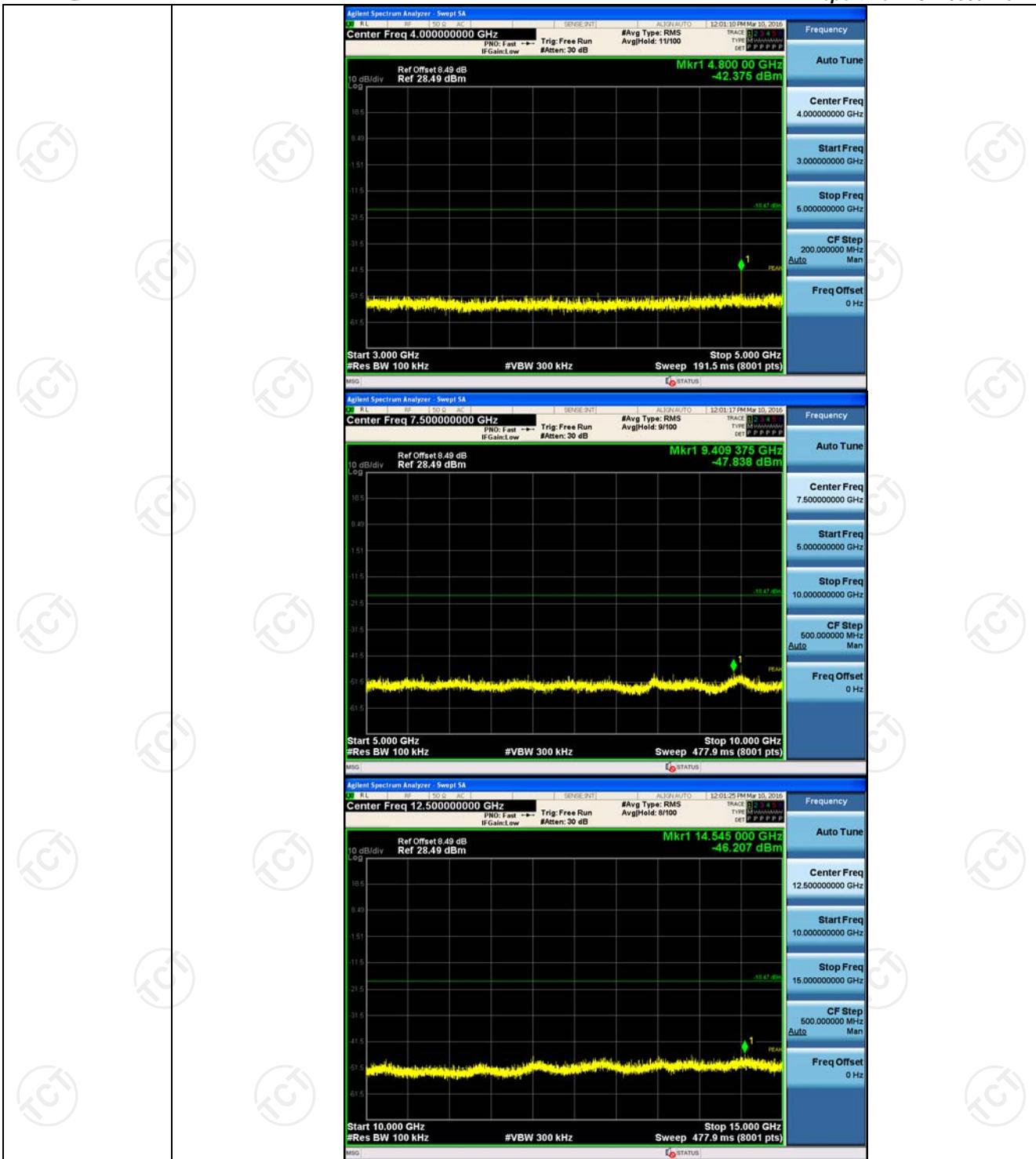


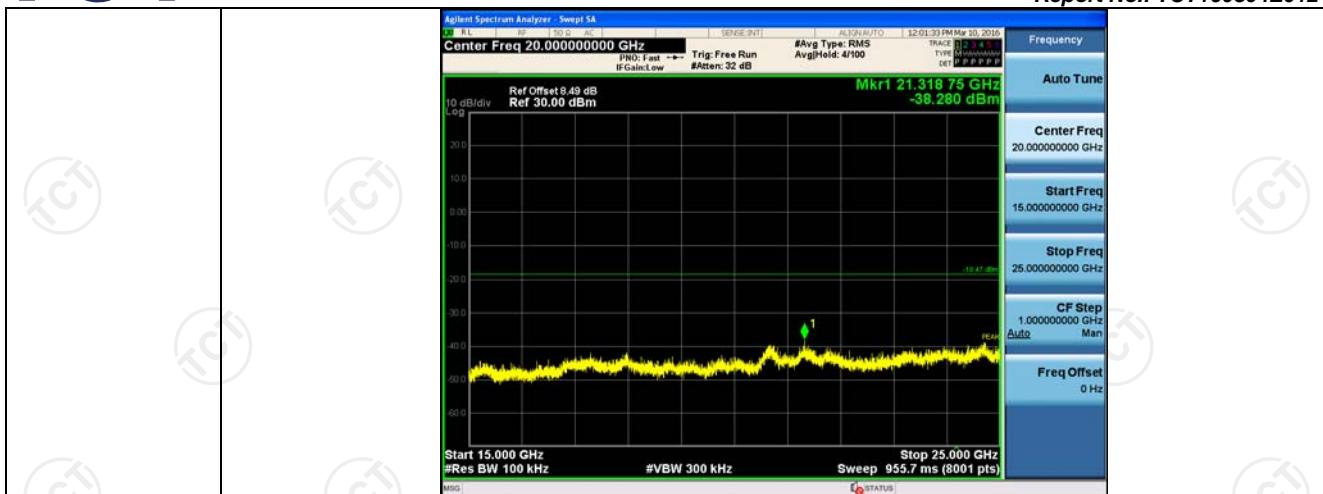




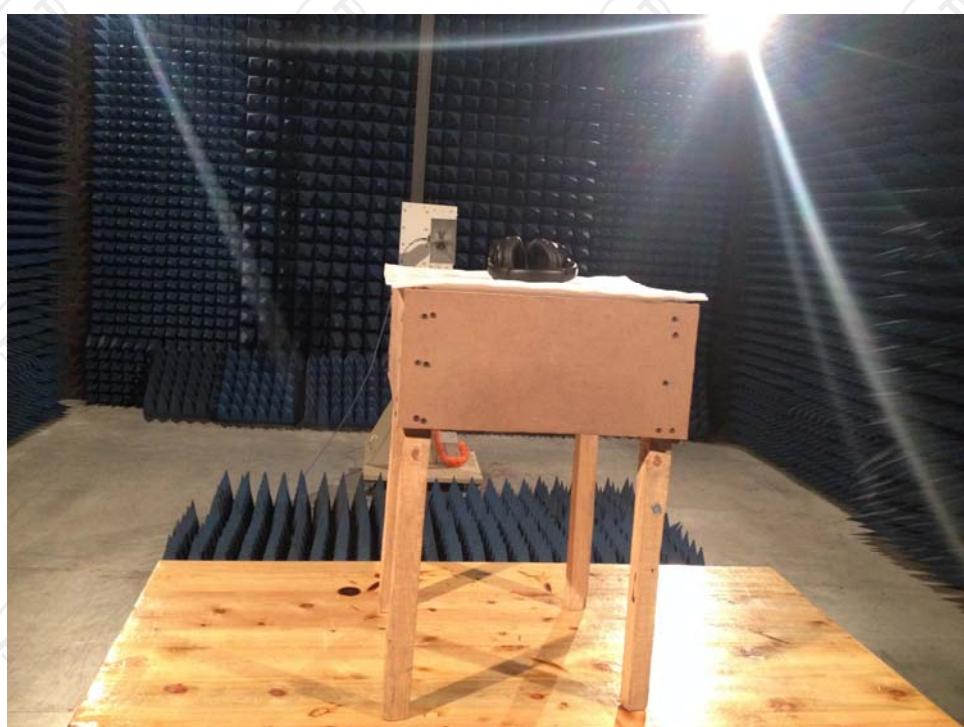
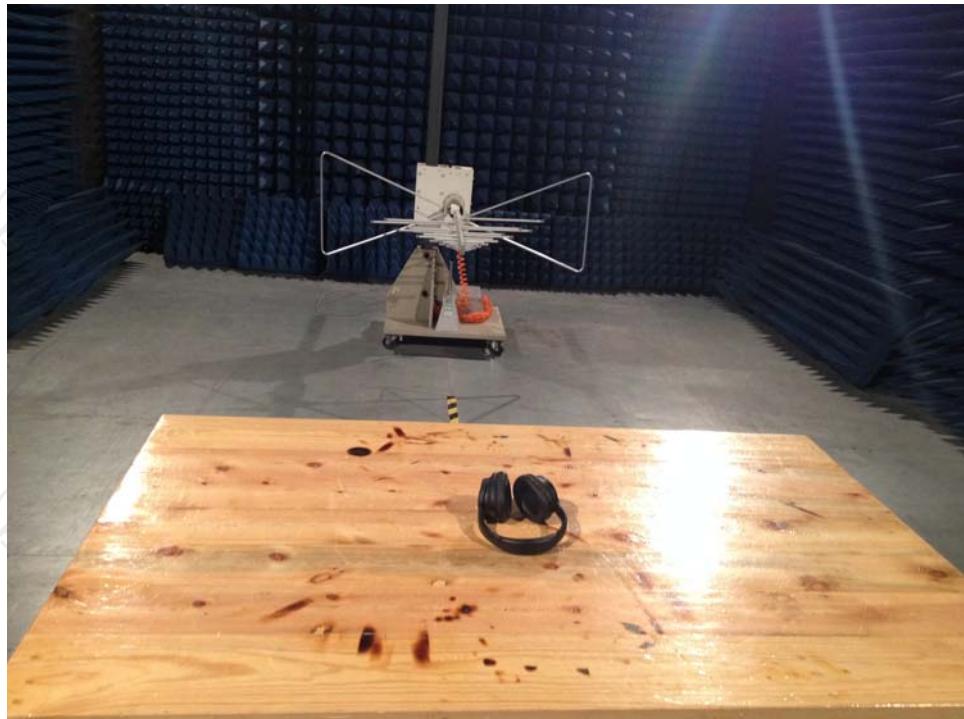








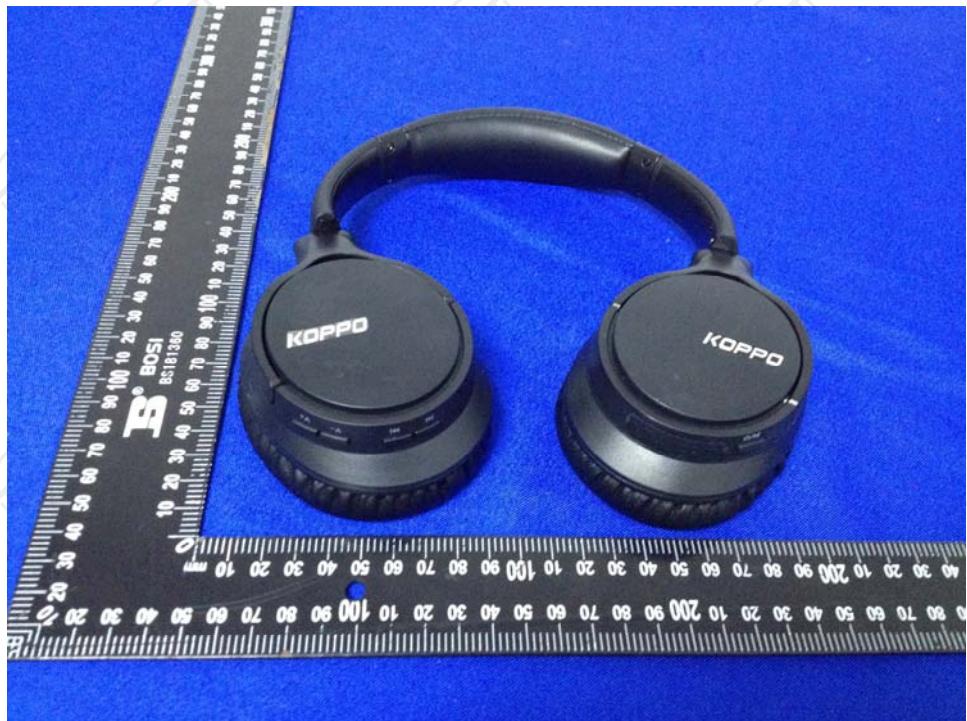
Appendix B: Photographs of Test Setup Radiated Emission

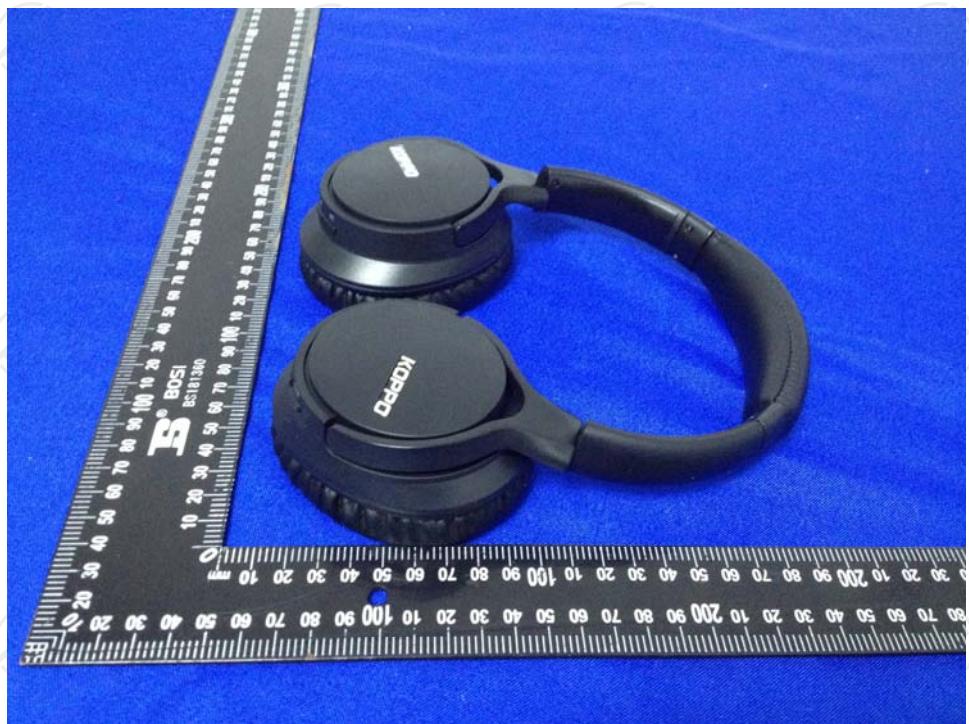


CE



**Appendix C: Photographs of EUT
Model: BT551
External Photos**









**Model: BT551
Internal Photos**



