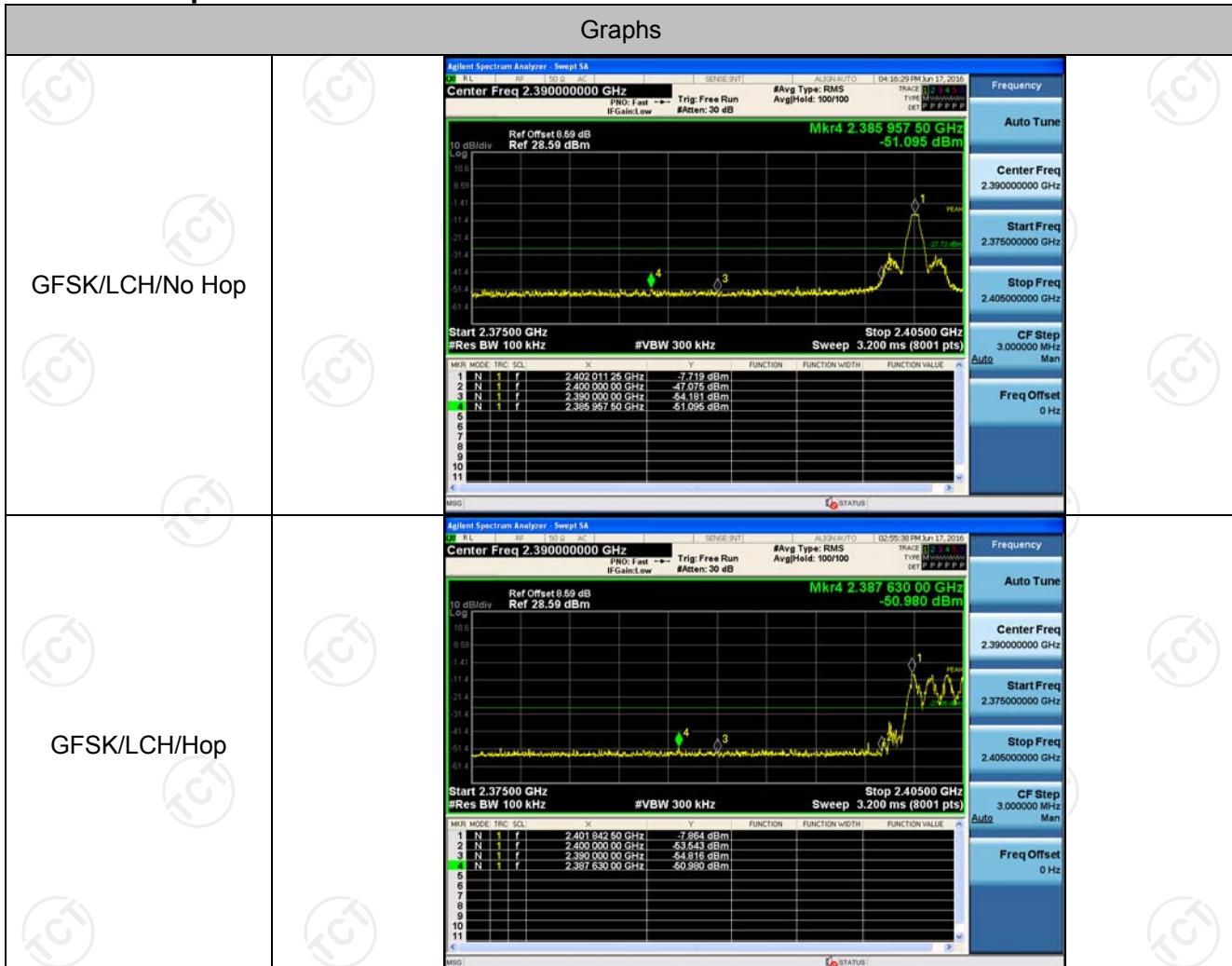


## Band-edge for RF Conducted Emissions

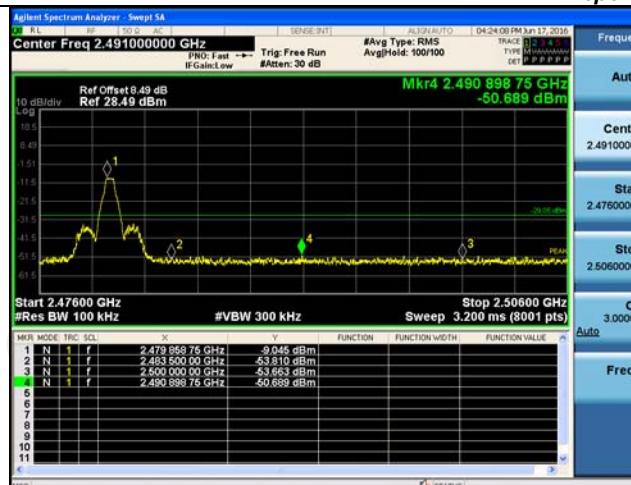
Result Table

Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict
GFSK	LCH	2402	-7.719	Off	-51.095	-27.72	PASS
			-7.864	On	-50.980	-27.86	PASS
GFSK	HCH	2480	-9.045	Off	-50.689	-29.05	PASS
			-9.761	On	-50.762	-29.76	PASS
$\pi/4$ DQPSK	LCH	2402	-13.476	Off	-51.103	-33.48	PASS
			-14.476	On	-51.165	-34.48	PASS
$\pi/4$ DQPSK	HCH	2480	-14.734	Off	-51.352	-34.73	PASS
			-15.669	On	-51.315	-35.67	PASS
8DPSK	LCH	2402	-13.080	Off	-51.229	-33.08	PASS
			-9.570	On	-51.209	-29.57	PASS
8DPSK	HCH	2480	-14.568	Off	-48.130	-34.57	PASS
			-10.733	On	-51.072	-30.73	PASS

Test Graph

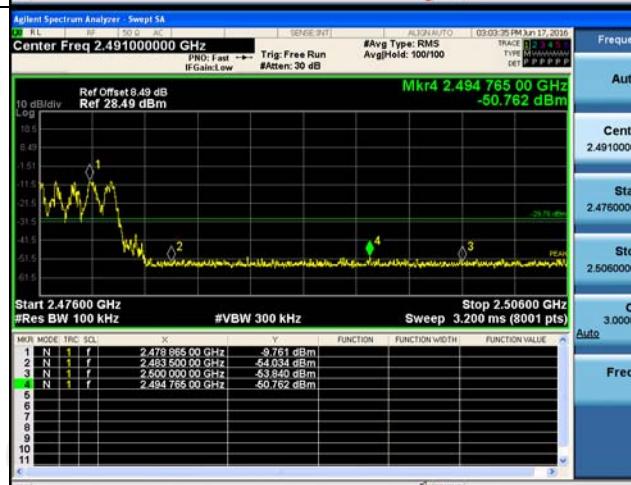


GFSK/HCH/No Hop



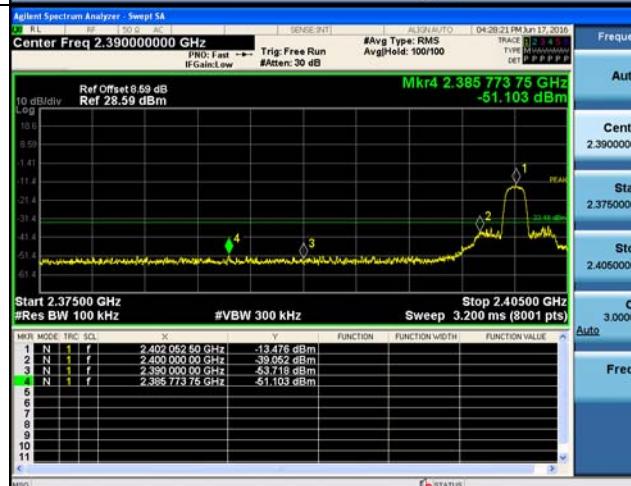
Frequency
Auto Tune
Center Freq
2.491000000 GHz
Start Freq
2.476000000 GHz
Stop Freq
2.506000000 GHz
CF Step
3.000000 MHz
Auto
Man
Freq Offset
0 Hz

GFSK/HCH/Hop



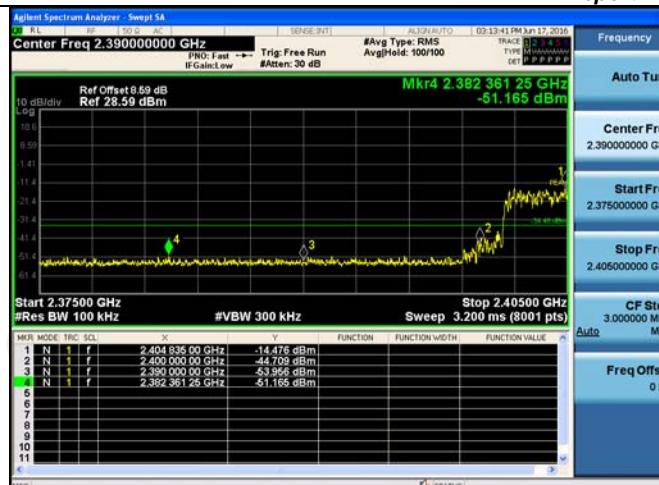
Frequency
Auto Tune
Center Freq
2.491000000 GHz
Start Freq
2.476000000 GHz
Stop Freq
2.506000000 GHz
CF Step
3.000000 MHz
Auto
Man
Freq Offset
0 Hz

π/4DQPSK/LCH/No Hop

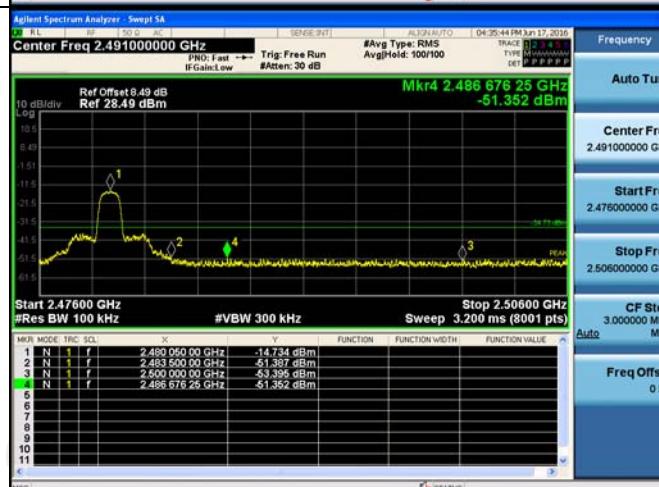


Frequency
Auto Tune
Center Freq
2.390000000 GHz
Start Freq
2.375000000 GHz
Stop Freq
2.405000000 GHz
CF Step
3.000000 MHz
Auto
Man
Freq Offset
0 Hz

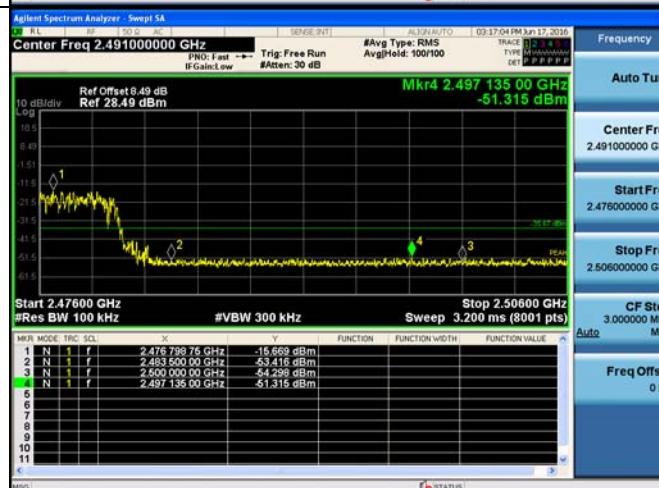
$\pi/4$ DQPSK/LCH/Hop



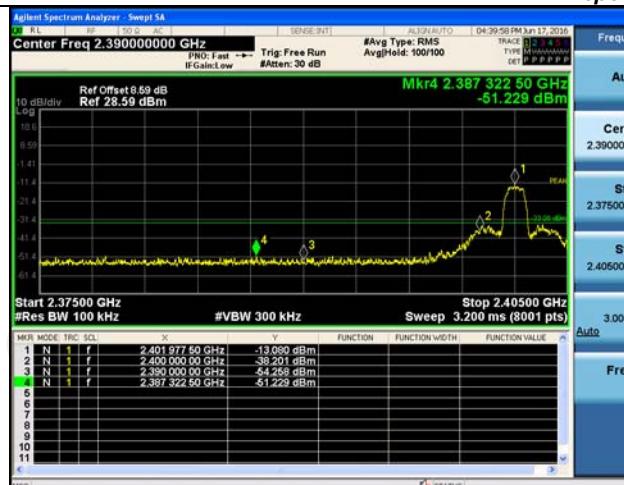
$\pi/4$ DQPSK/HCH/No Hop



$\pi/4$ DQPSK/HCH/Hop



8DPSK/LCH/No Hop



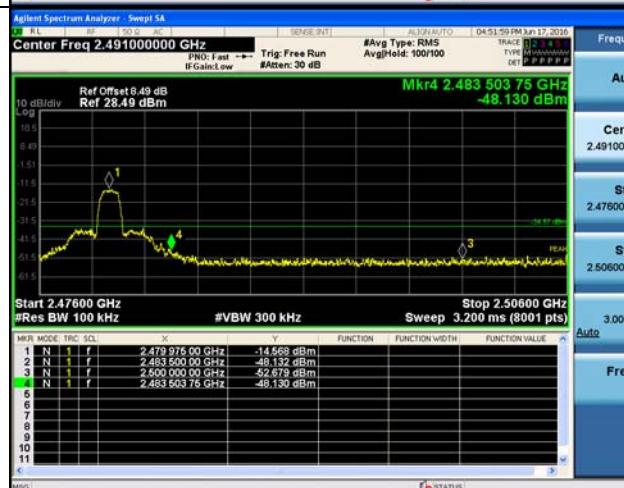
Frequency
Auto Tune
Center Freq
2.390000000 GHz
Start Freq
2.375000000 GHz
Stop Freq
2.405000000 GHz
CF Step
3.000000 MHz
Auto
Man
Freq Offset
0 Hz

8DPSK/LCH/Hop



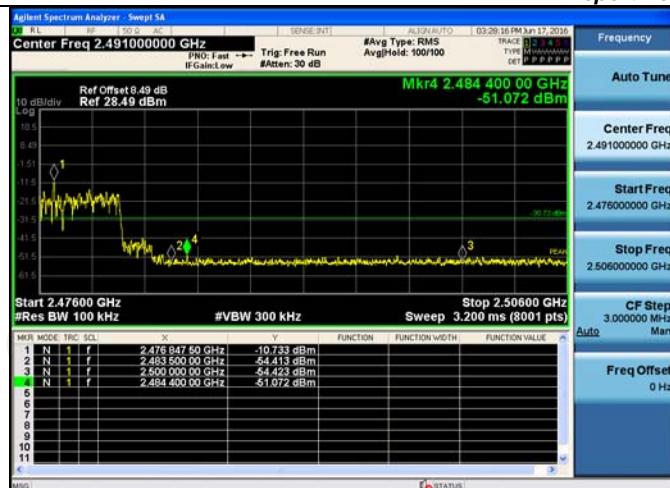
Frequency
Auto Tune
Center Freq
2.390000000 GHz
Start Freq
2.375000000 GHz
Stop Freq
2.405000000 GHz
CF Step
3.000000 MHz
Auto
Man
Freq Offset
0 Hz

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

8DPSK/HCH/Hop

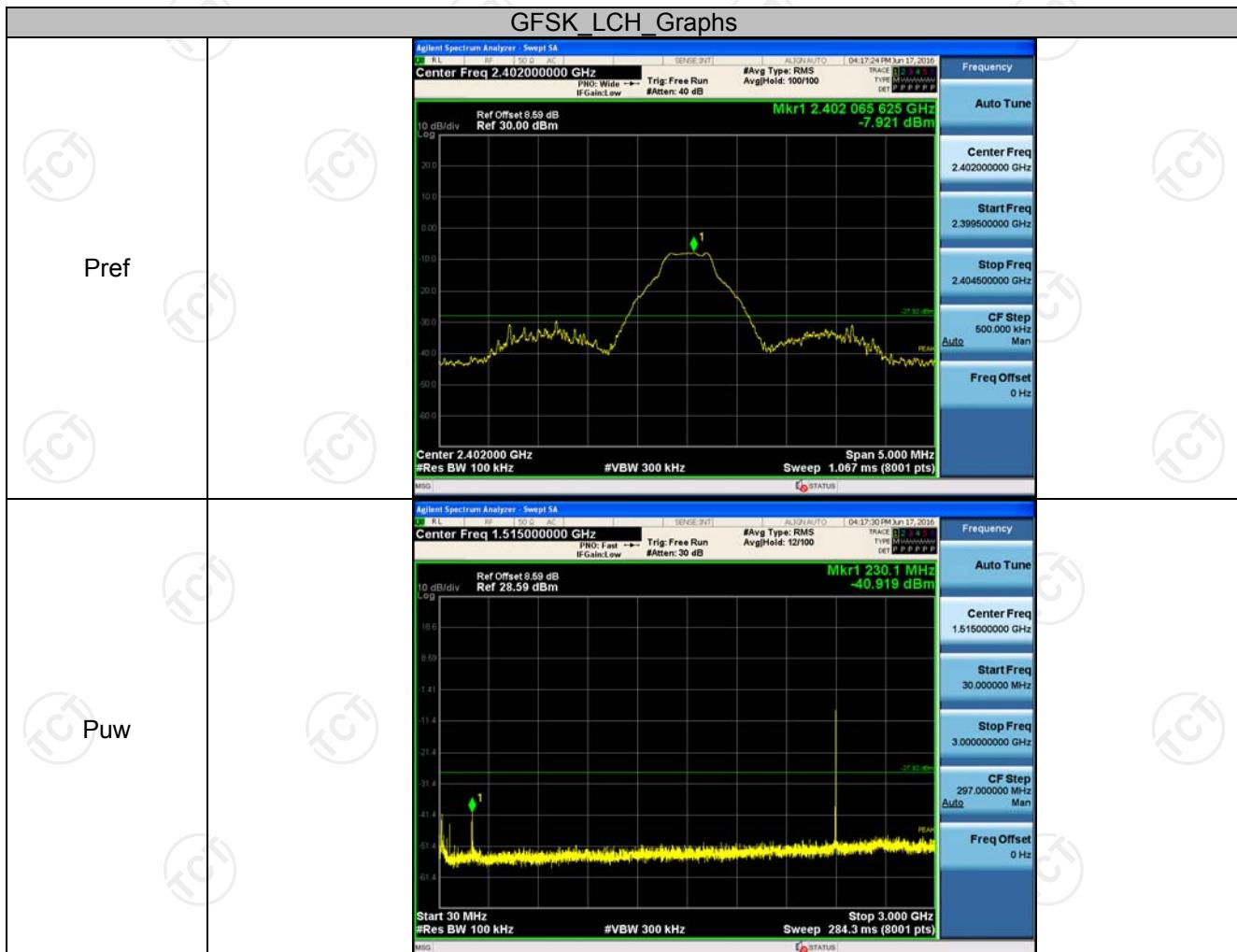


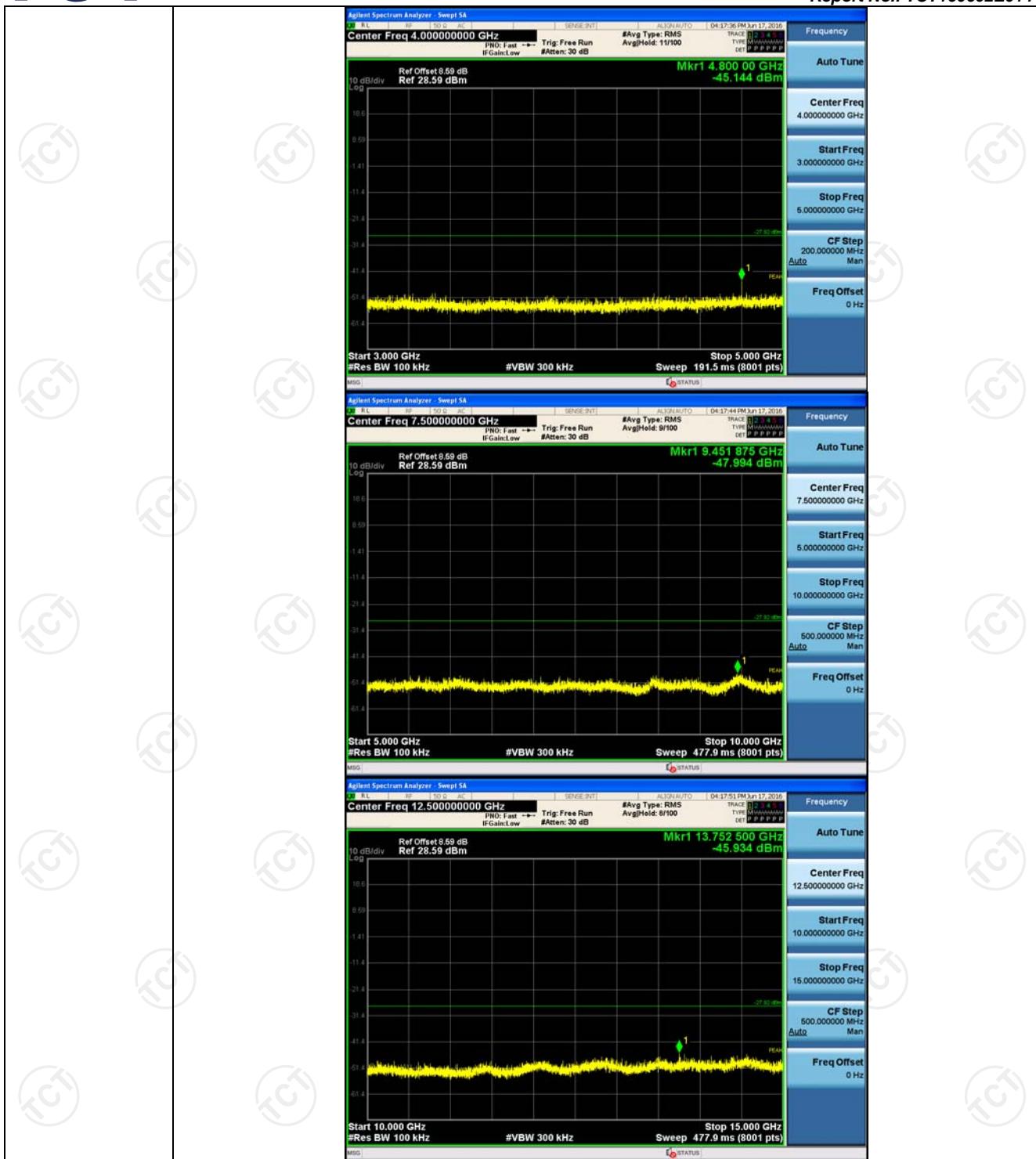
## RF Conducted Spurious Emissions

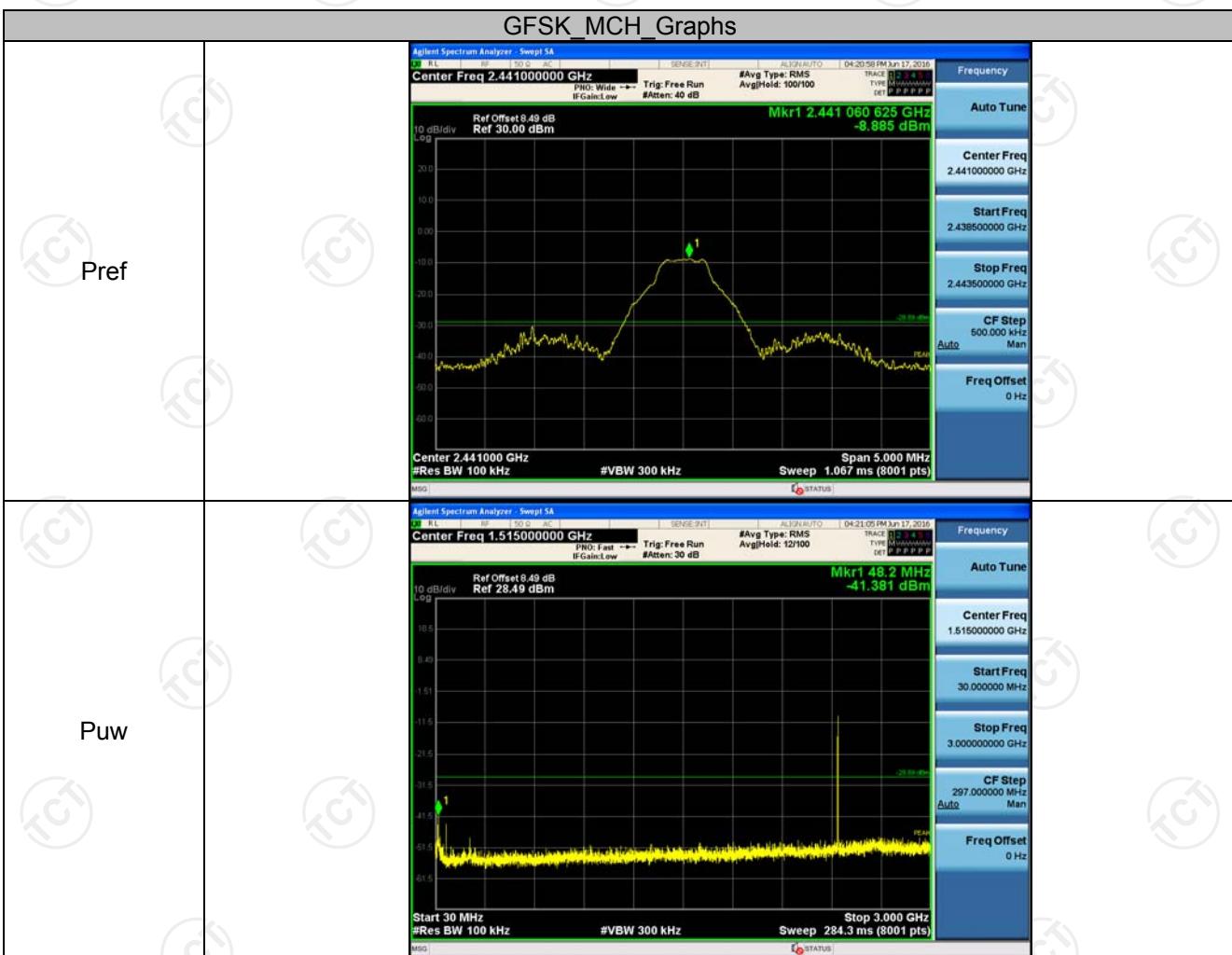
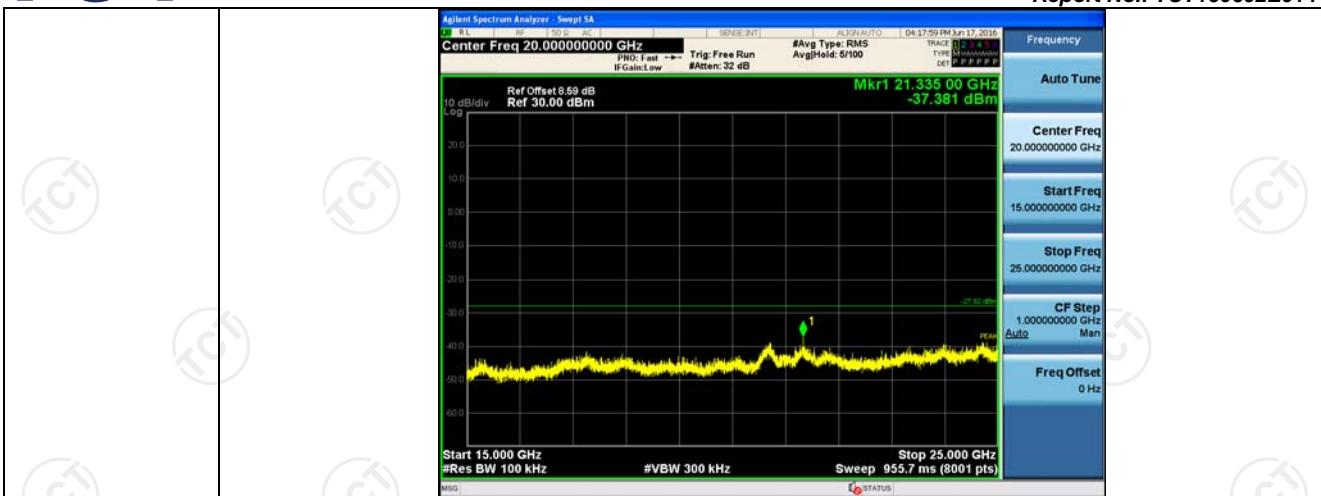
### Result Table

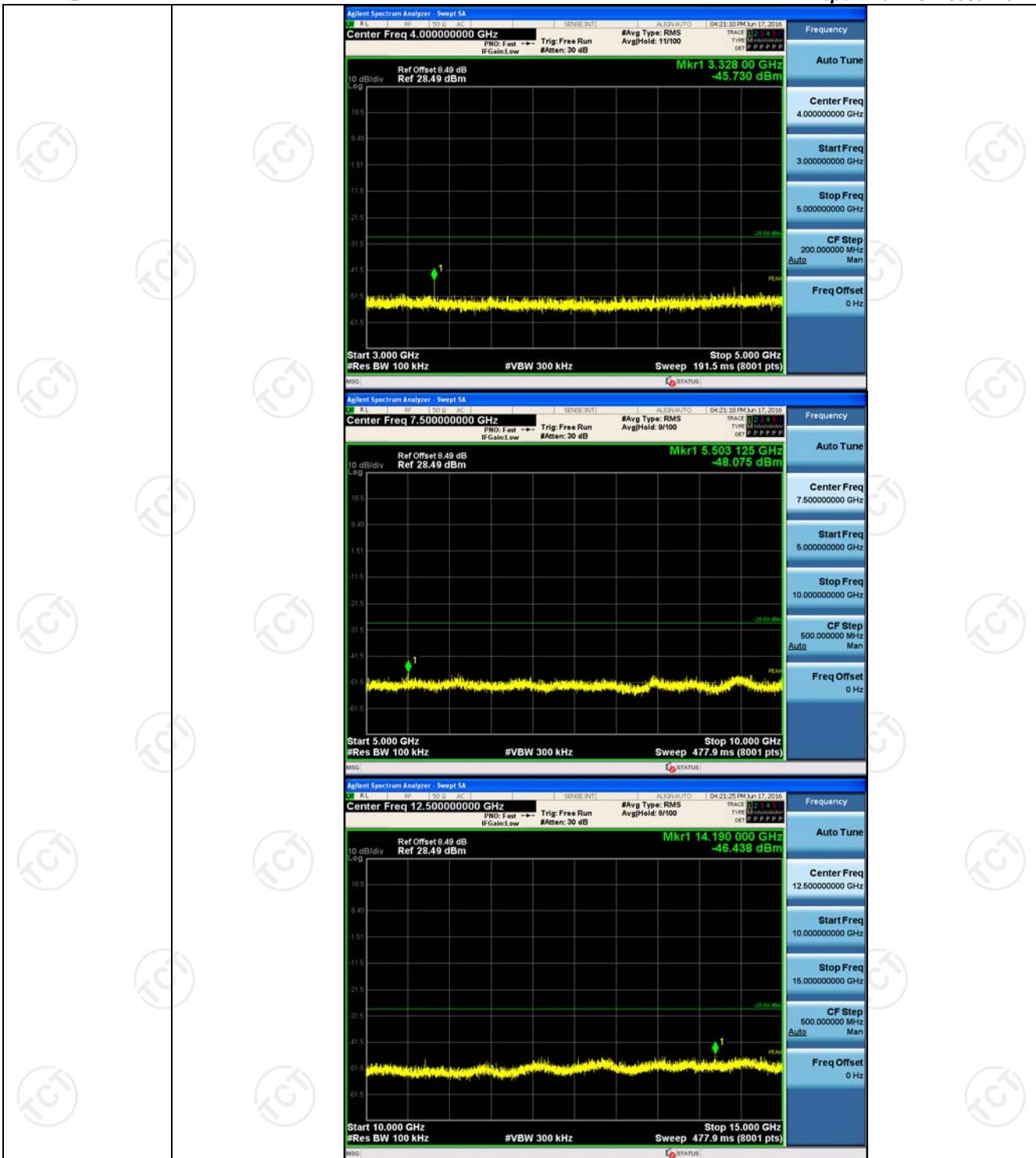
Mode	Channel	Pref [dBm]	Puw[dBm]	Verdict
GFSK	LCH	-7.921	<Limit	PASS
GFSK	MCH	-8.885	<Limit	PASS
GFSK	HCH	-9.201	<Limit	PASS
π/4DQPSK	LCH	-13.453	<Limit	PASS
π/4DQPSK	MCH	-14.477	<Limit	PASS
π/4DQPSK	HCH	-14.778	<Limit	PASS
8DPSK	LCH	-13.285	<Limit	PASS
8DPSK	MCH	-14.252	<Limit	PASS
8DPSK	HCH	-14.396	<Limit	PASS

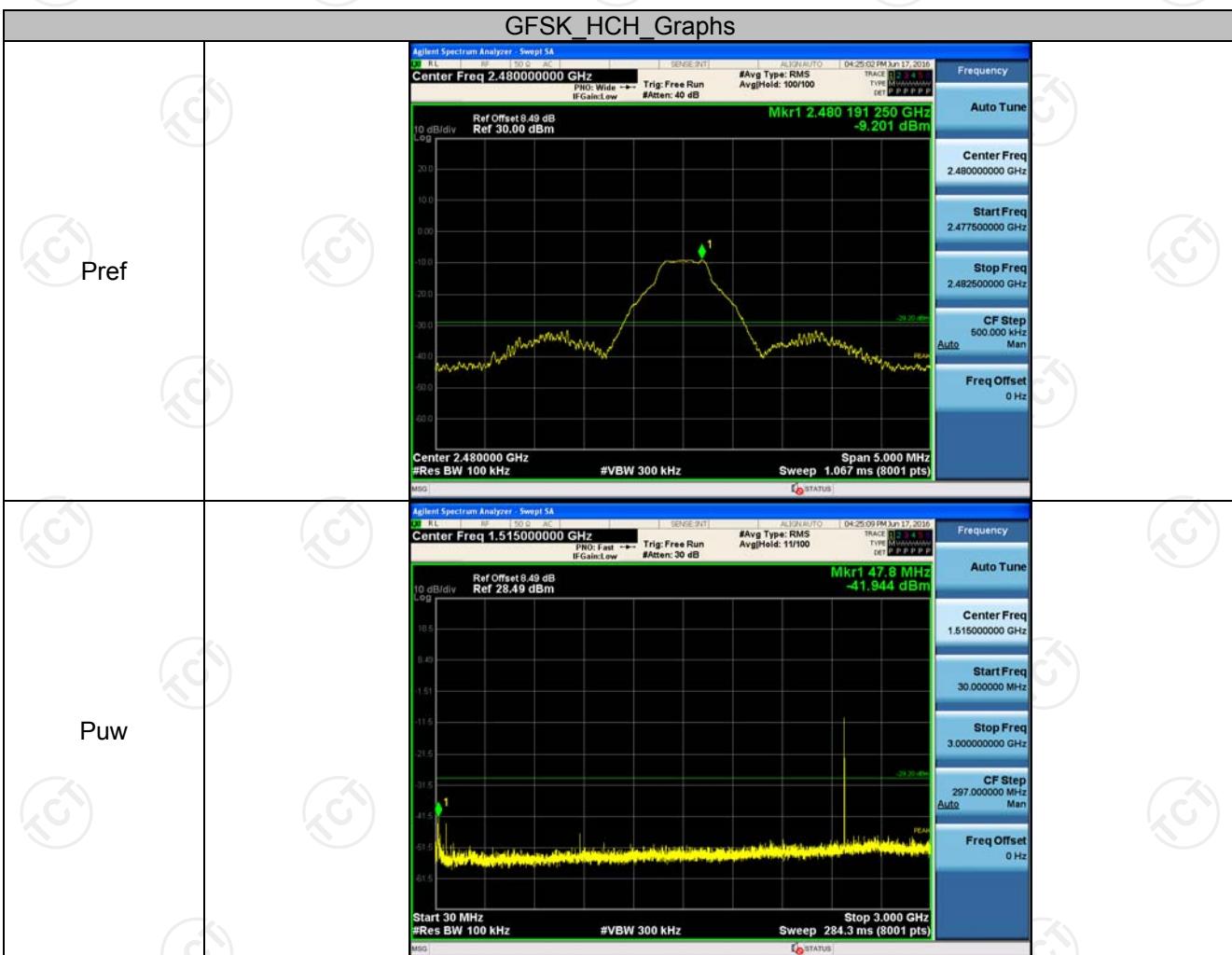
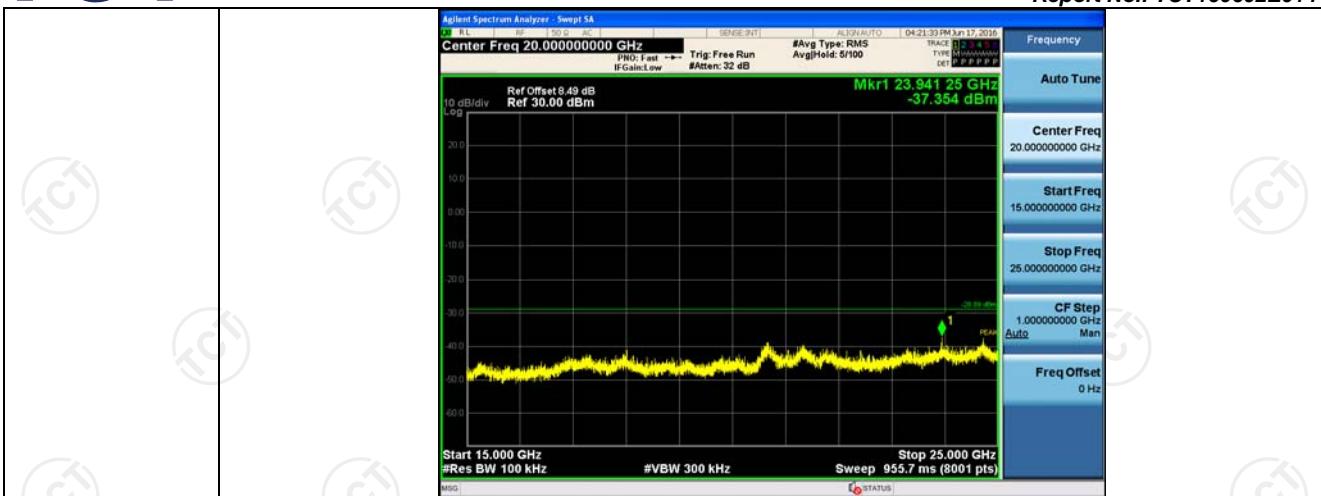
### Test Graph

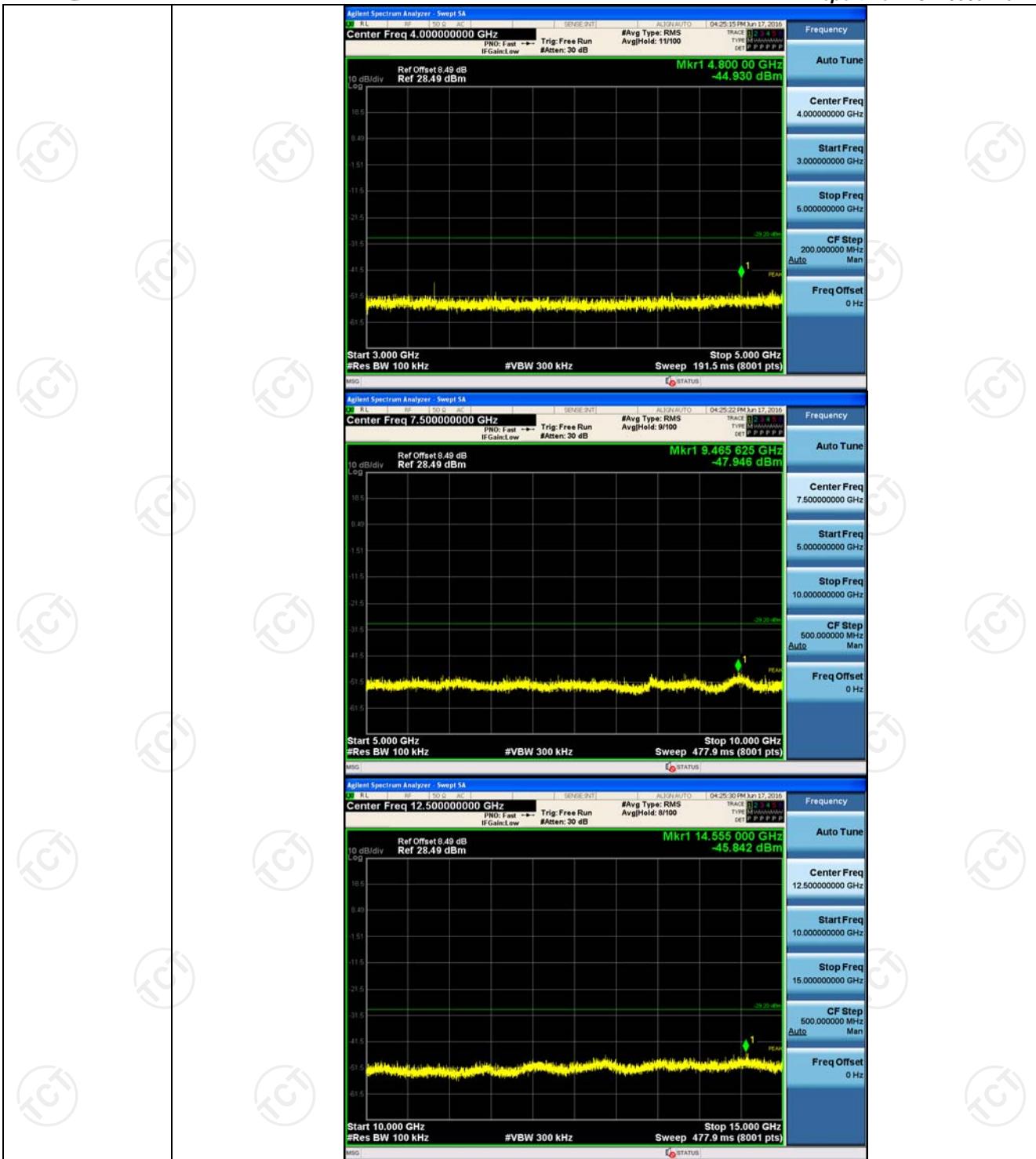


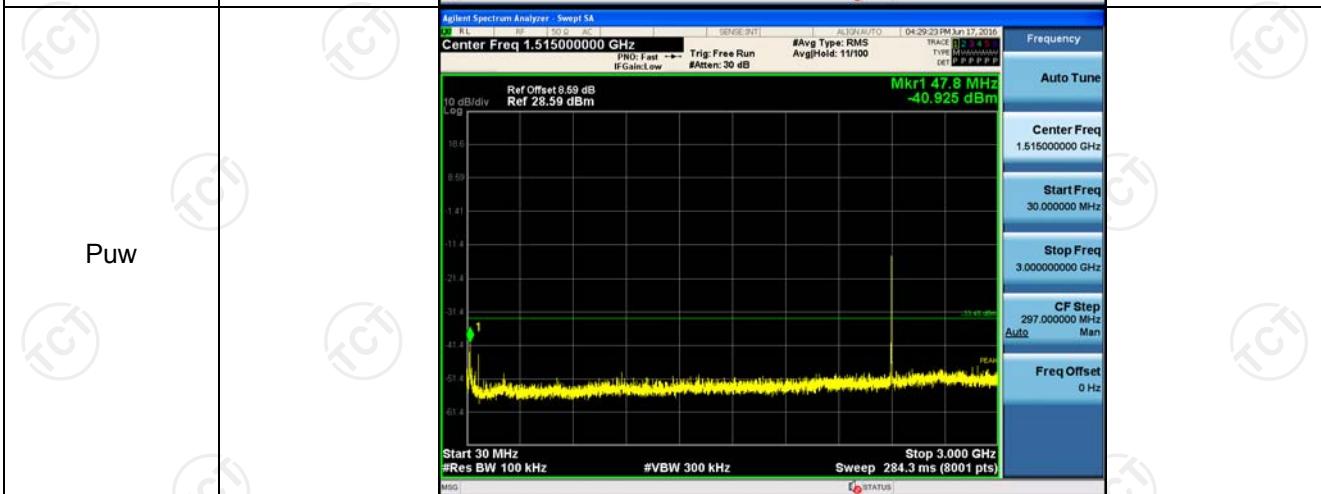
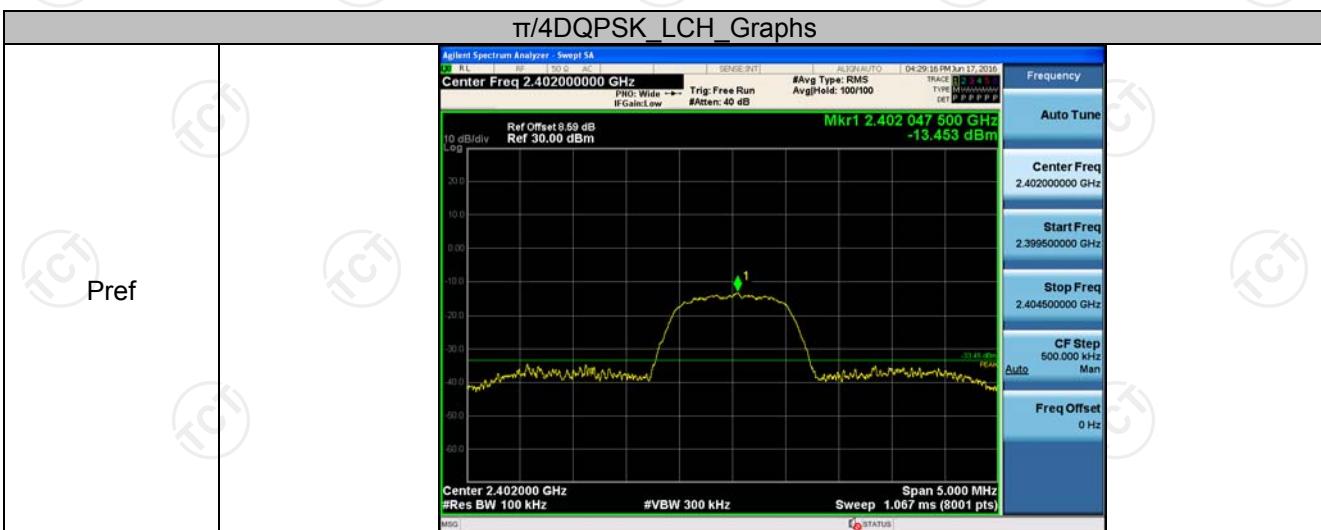
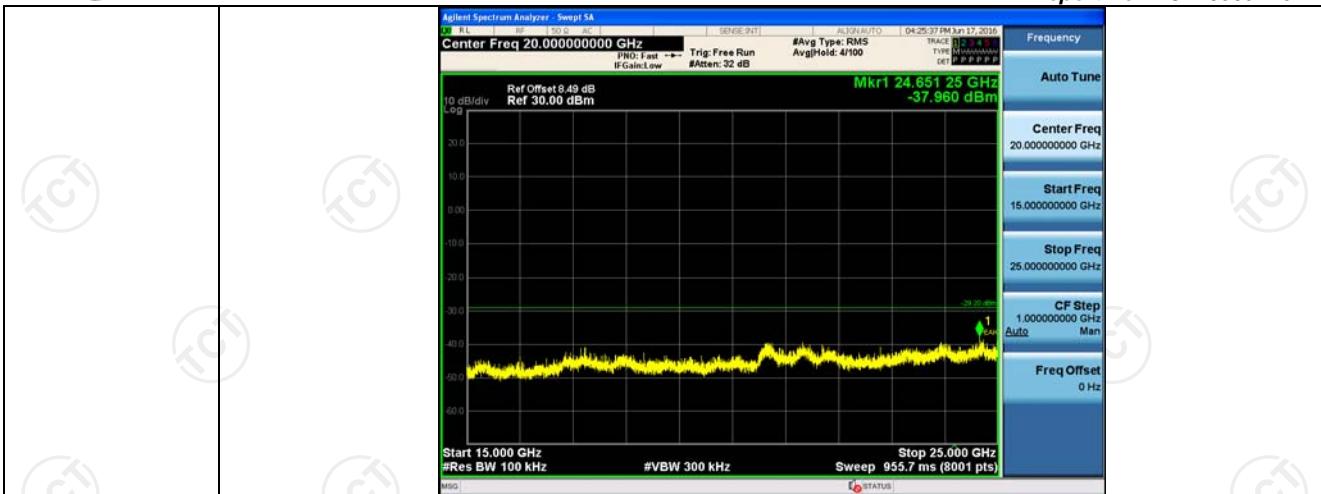


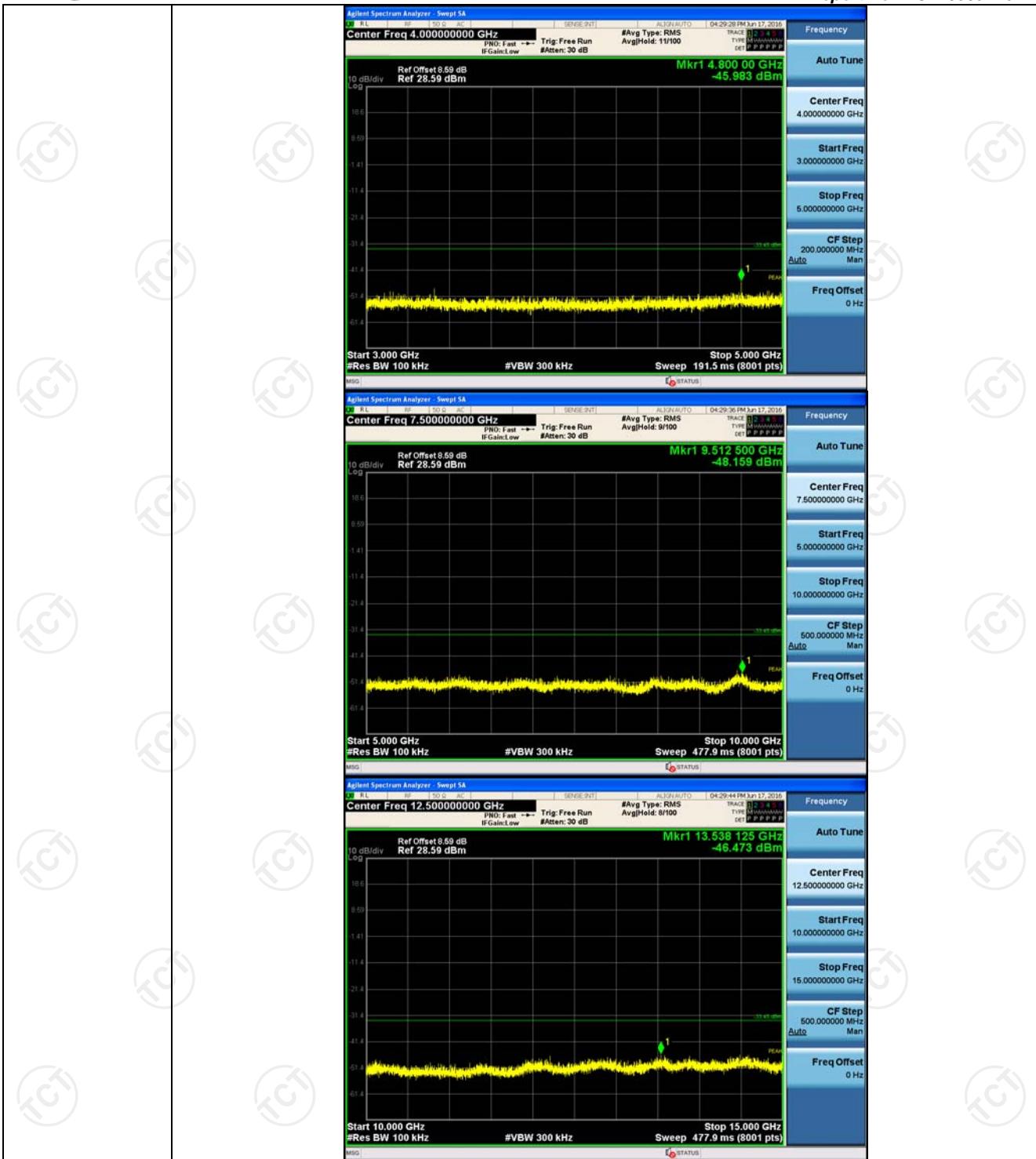


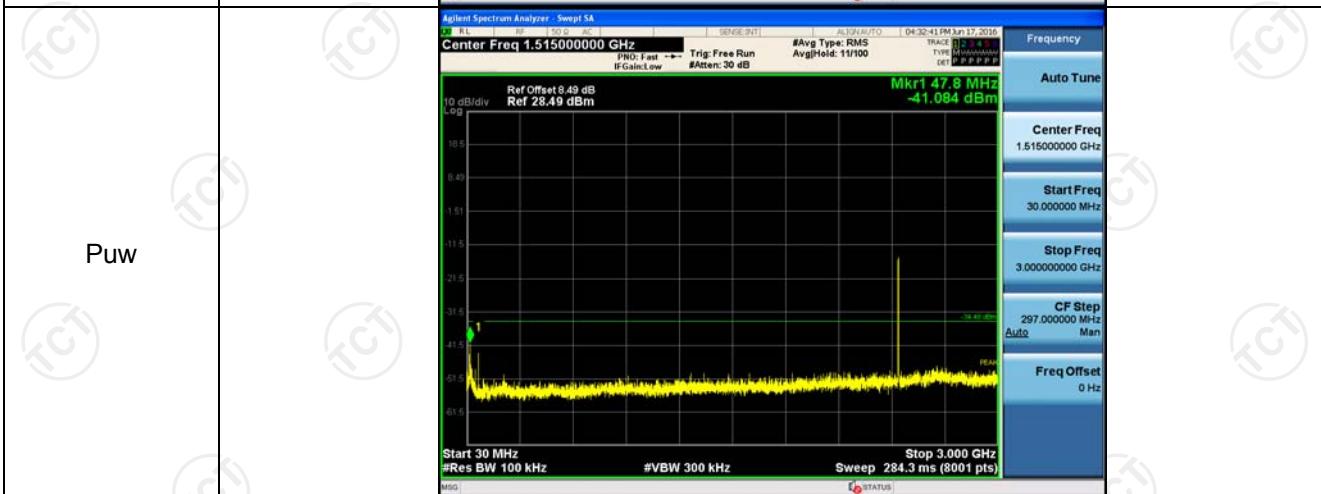
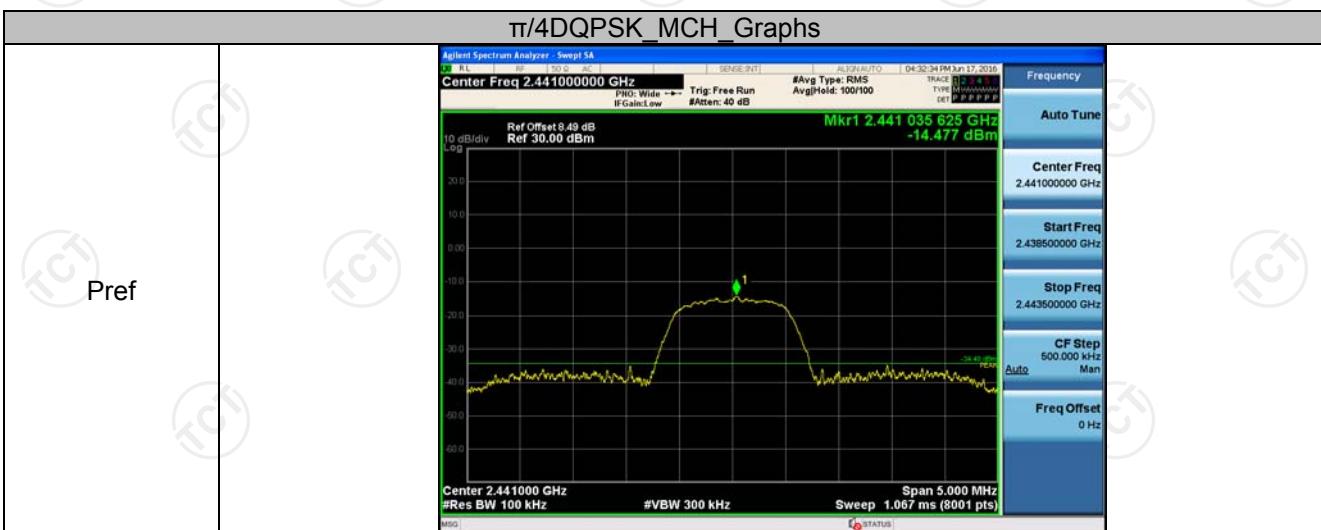
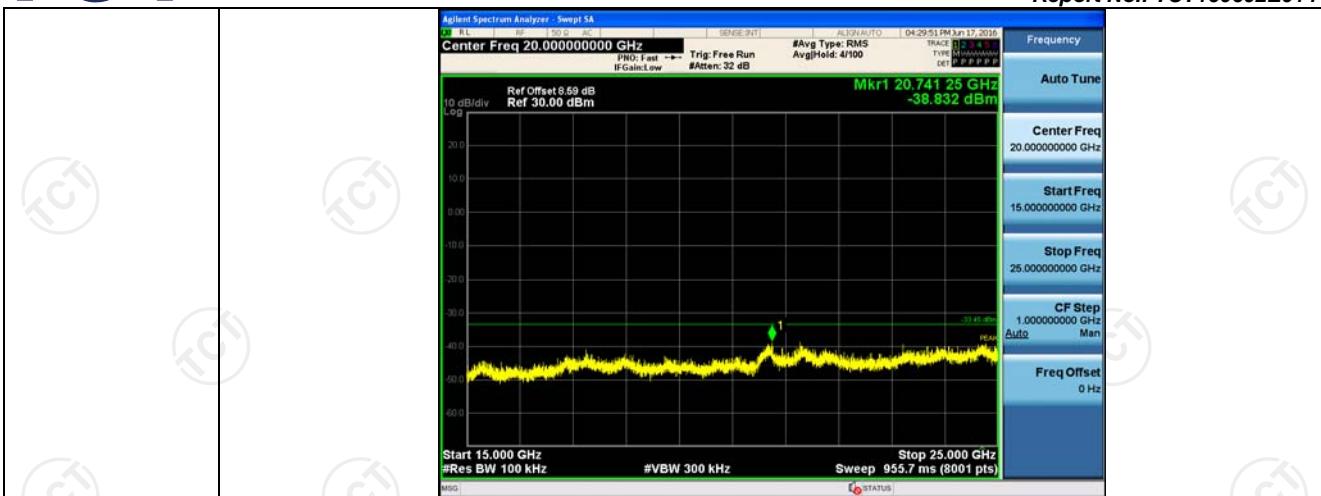


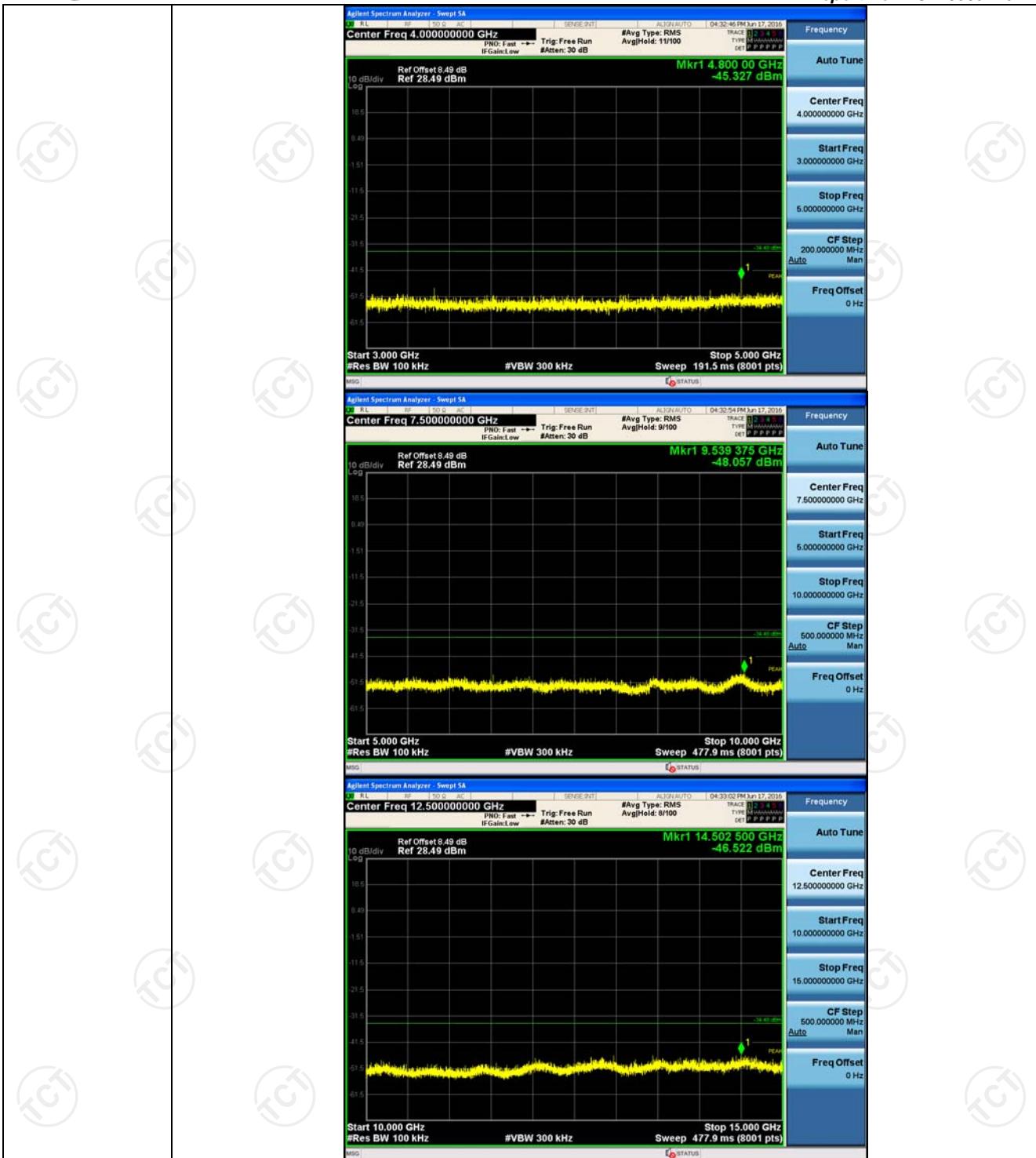


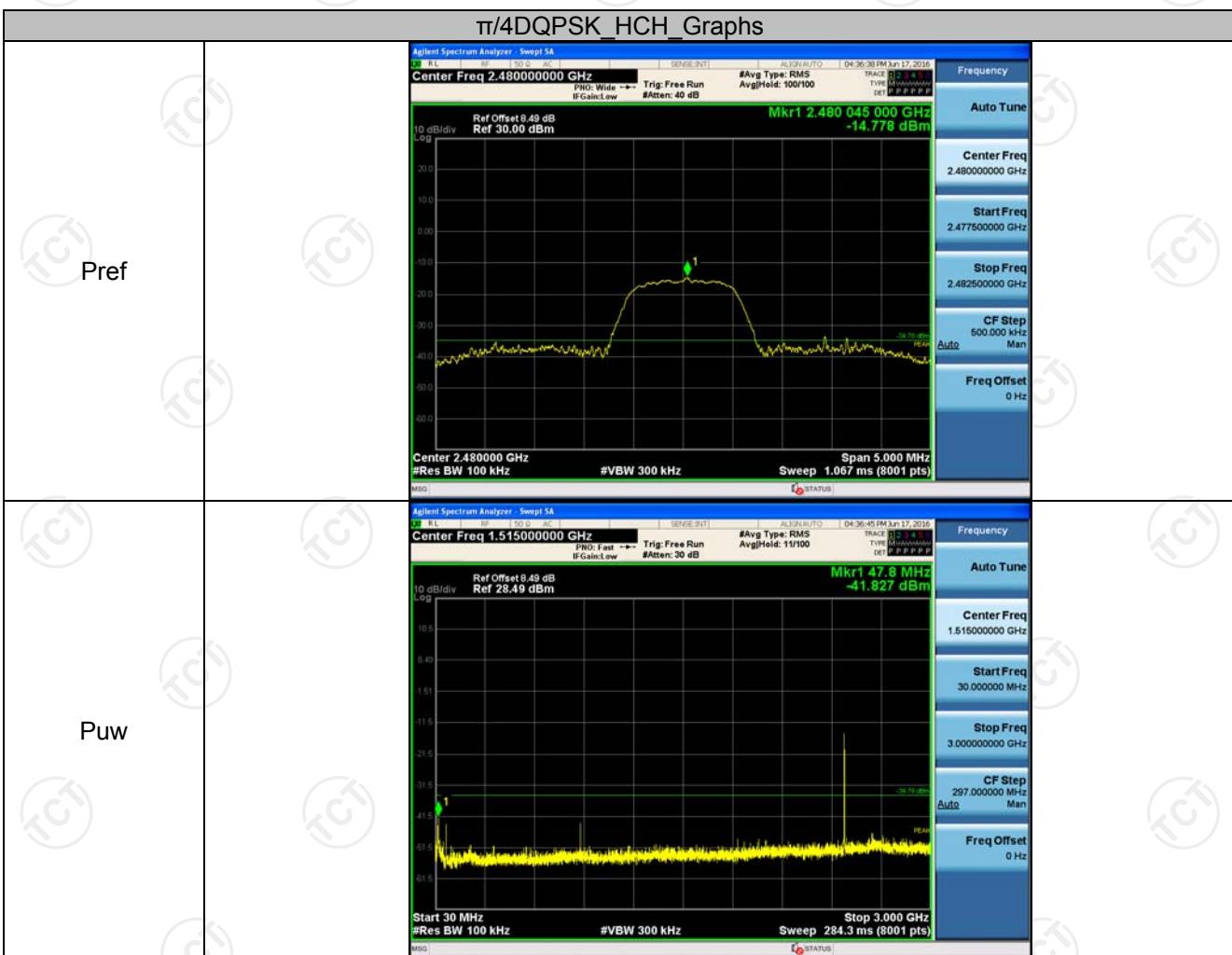
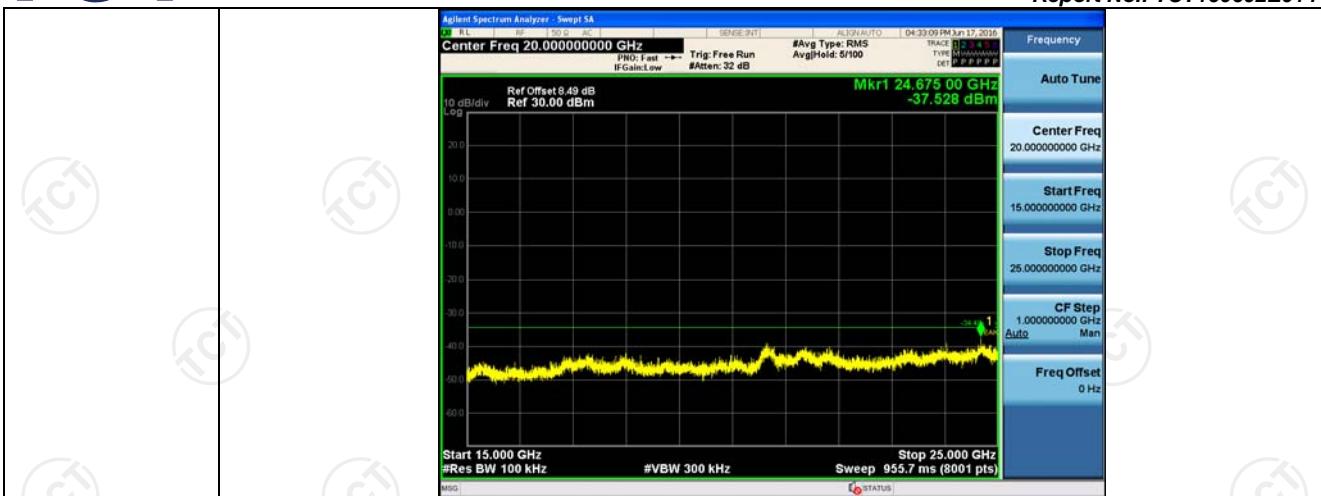


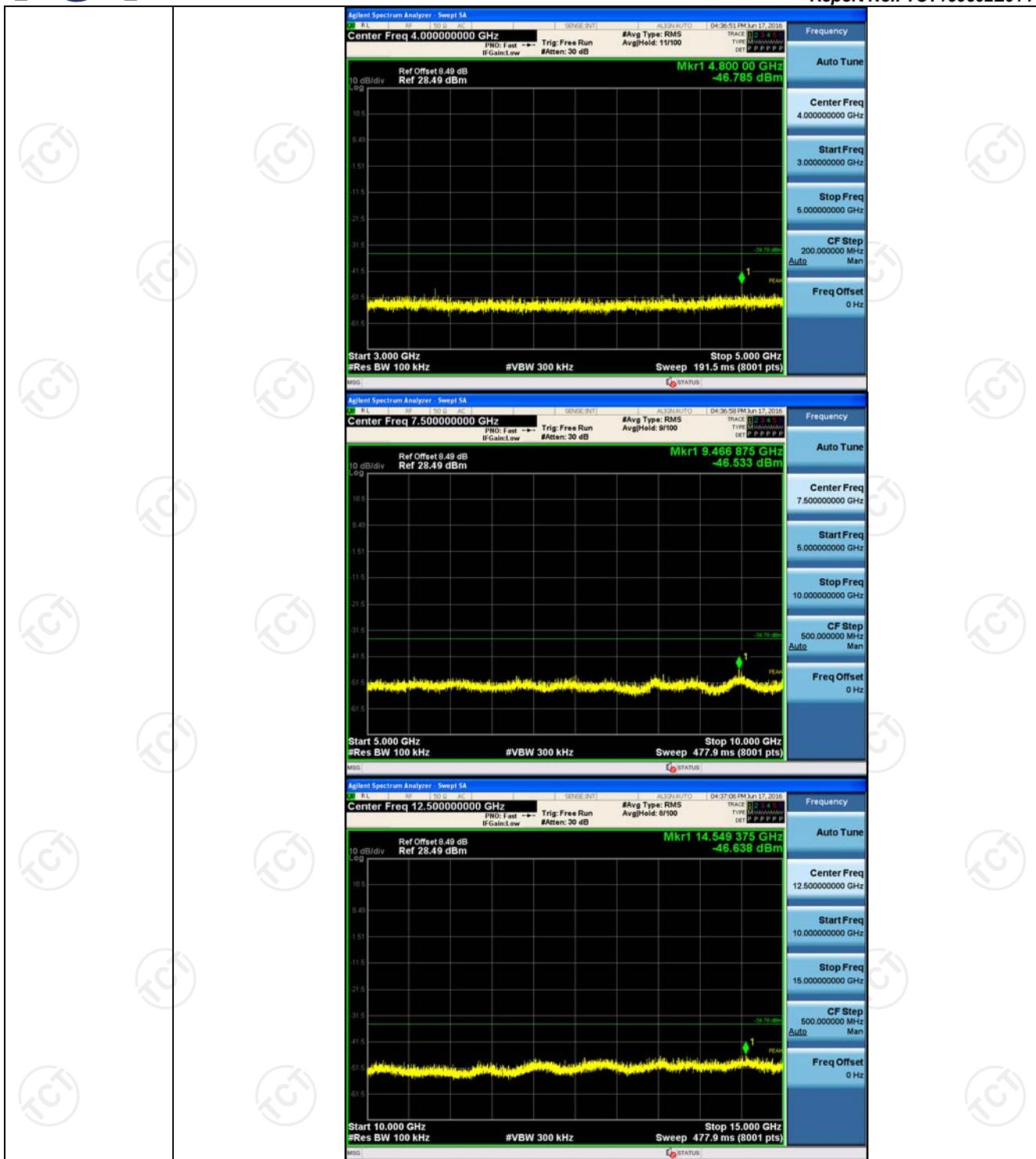


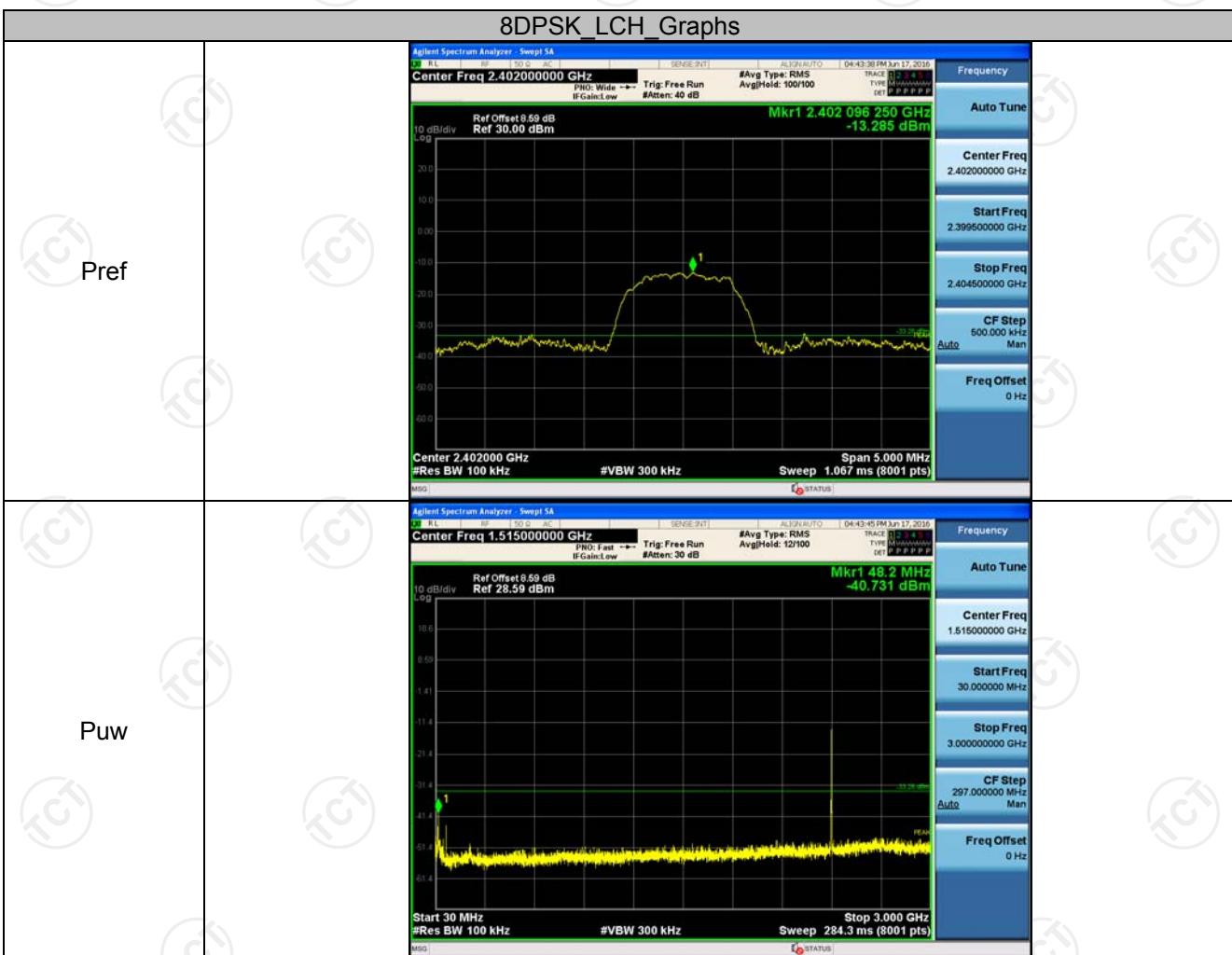
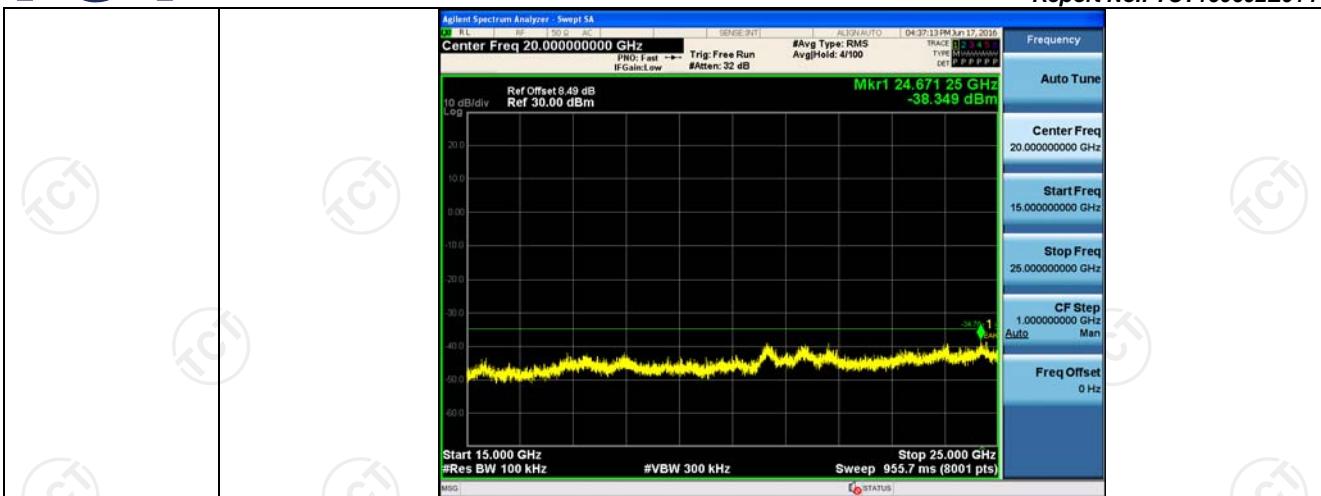


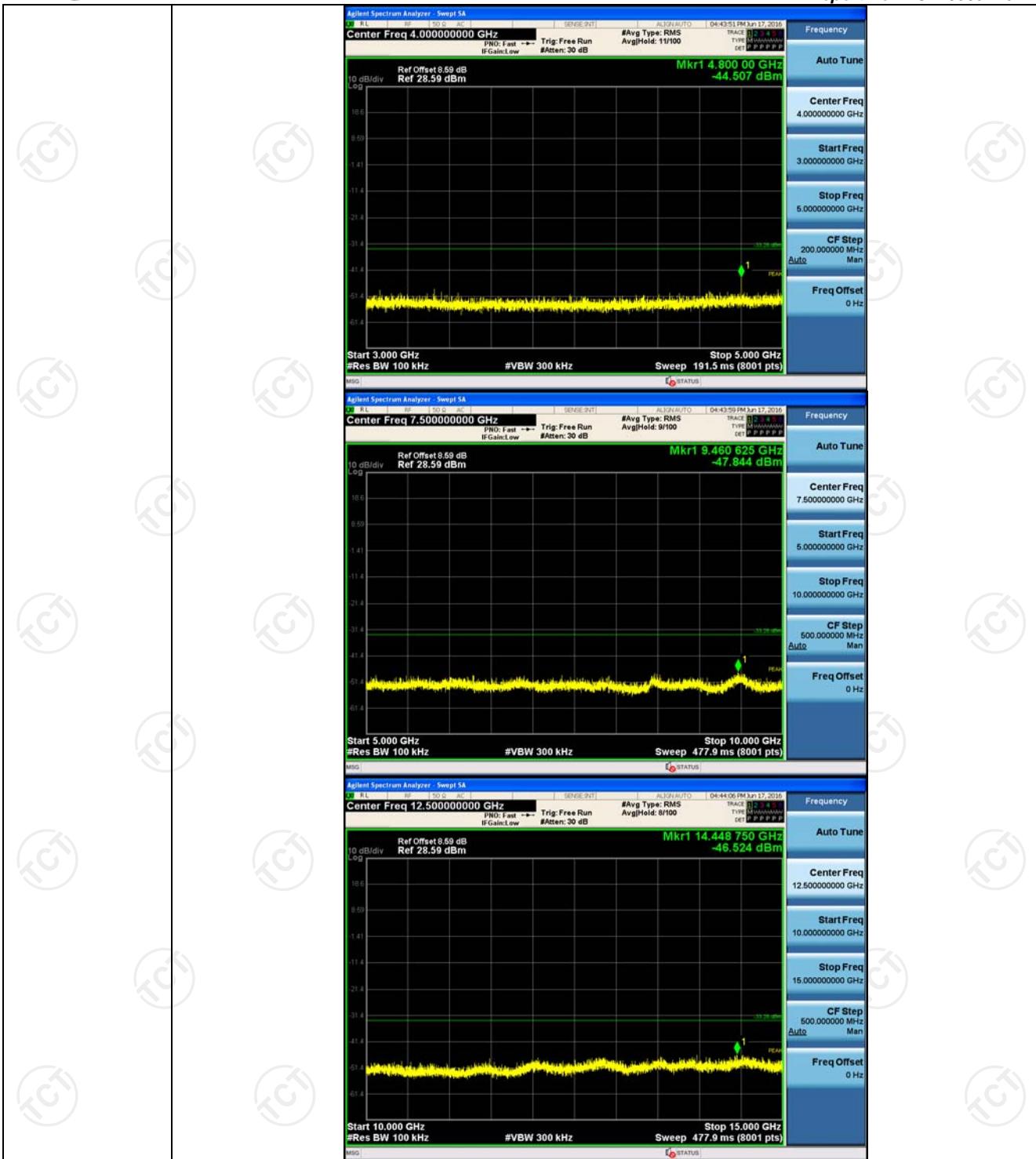


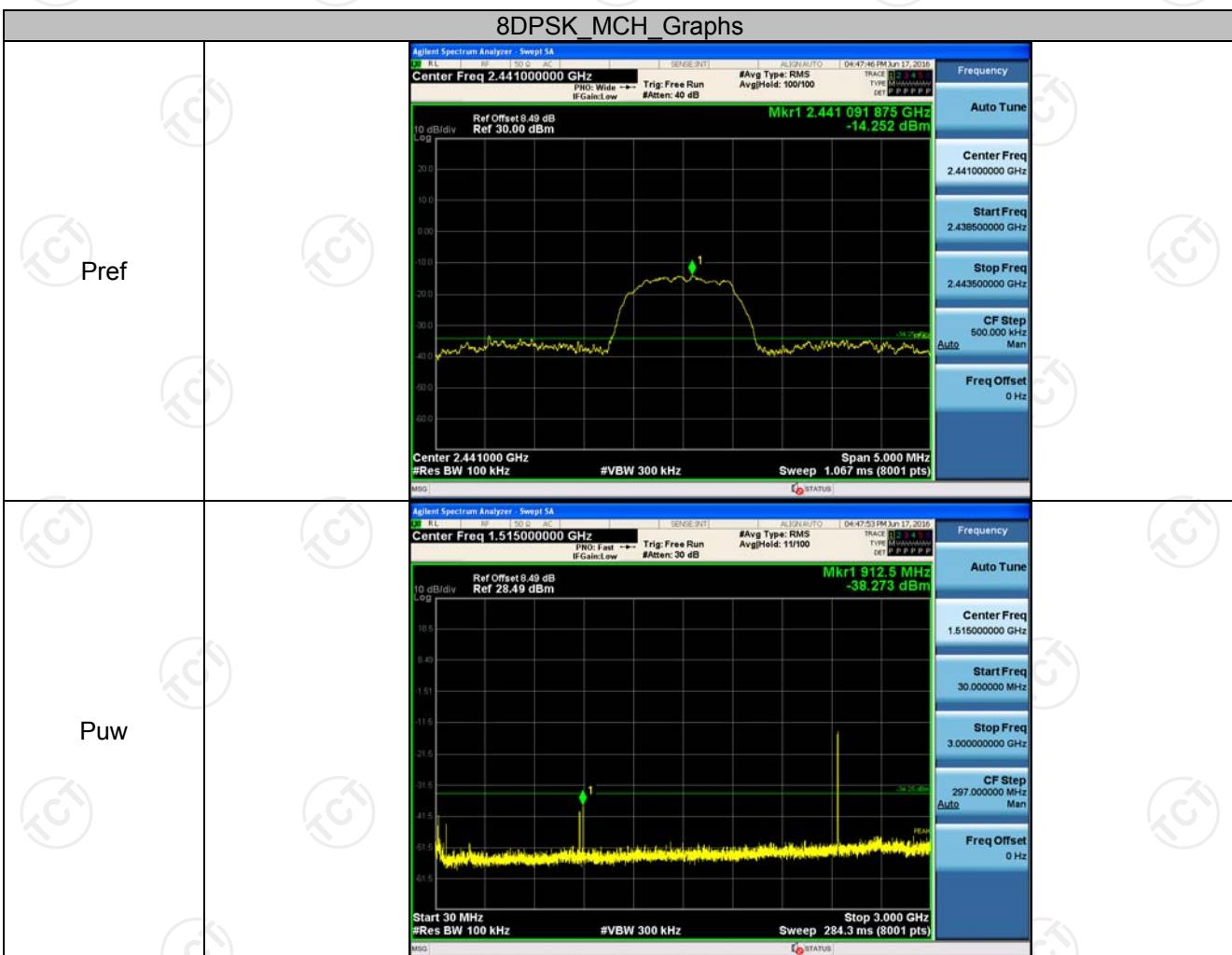
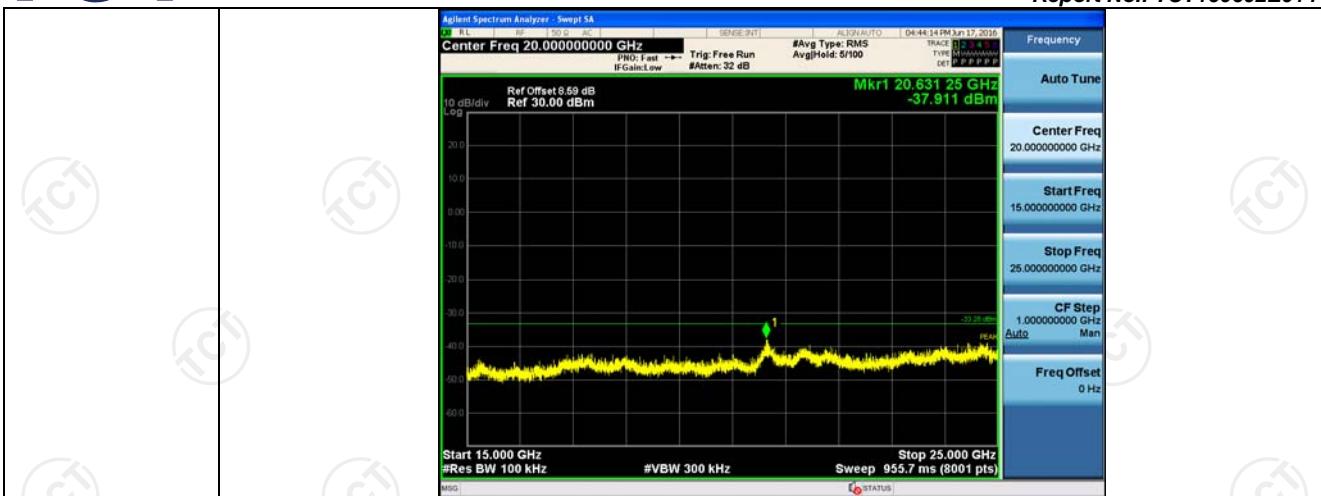


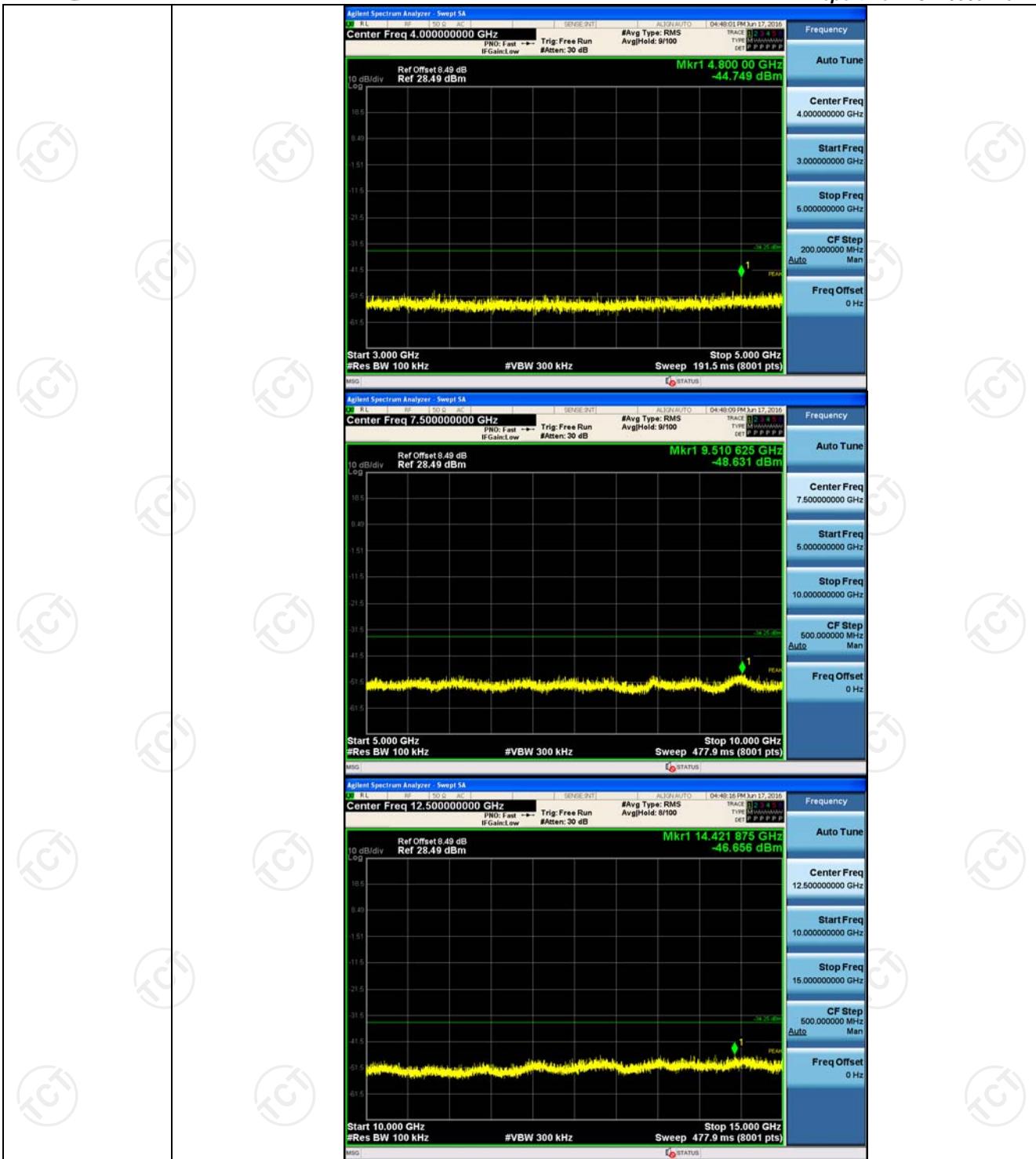


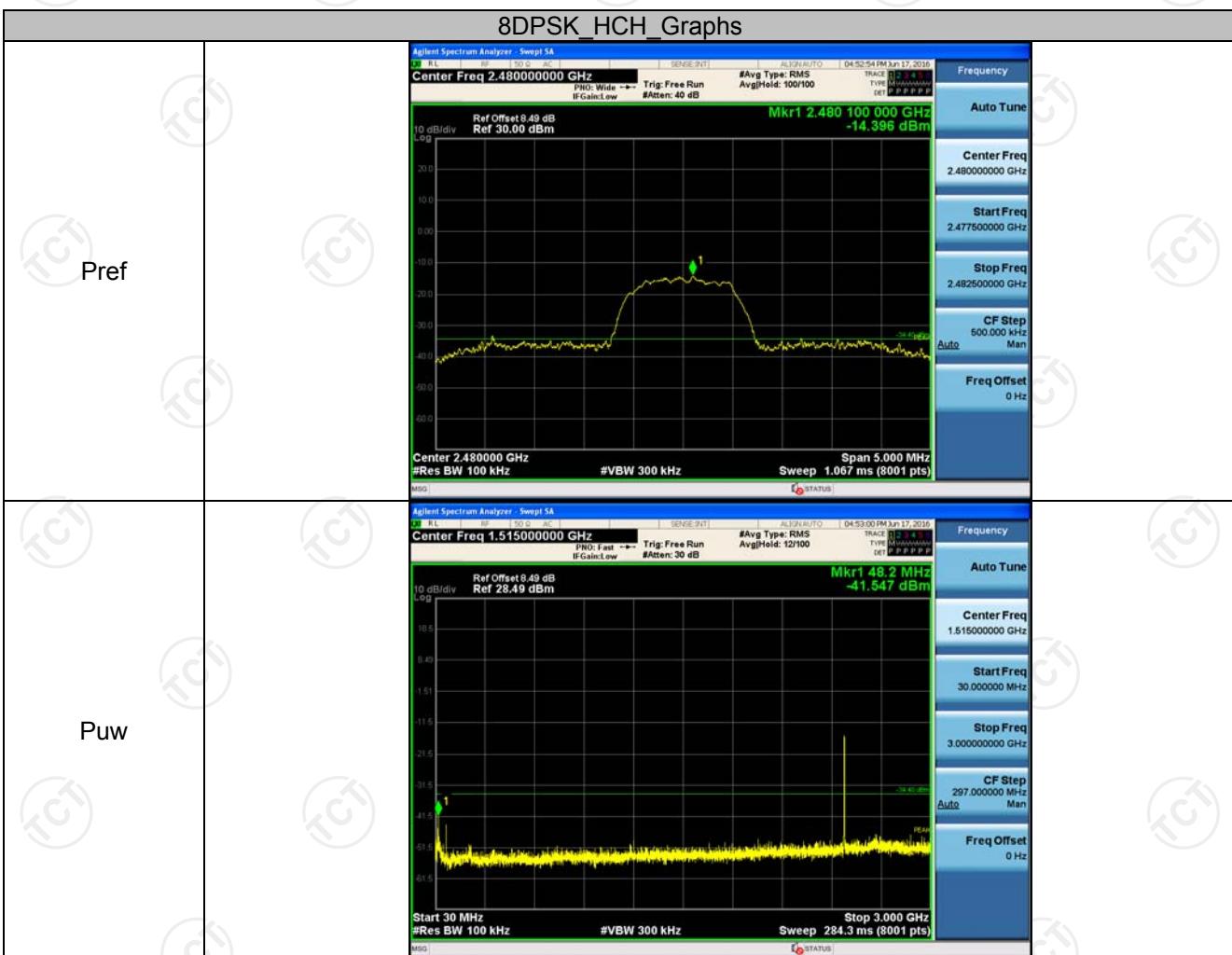
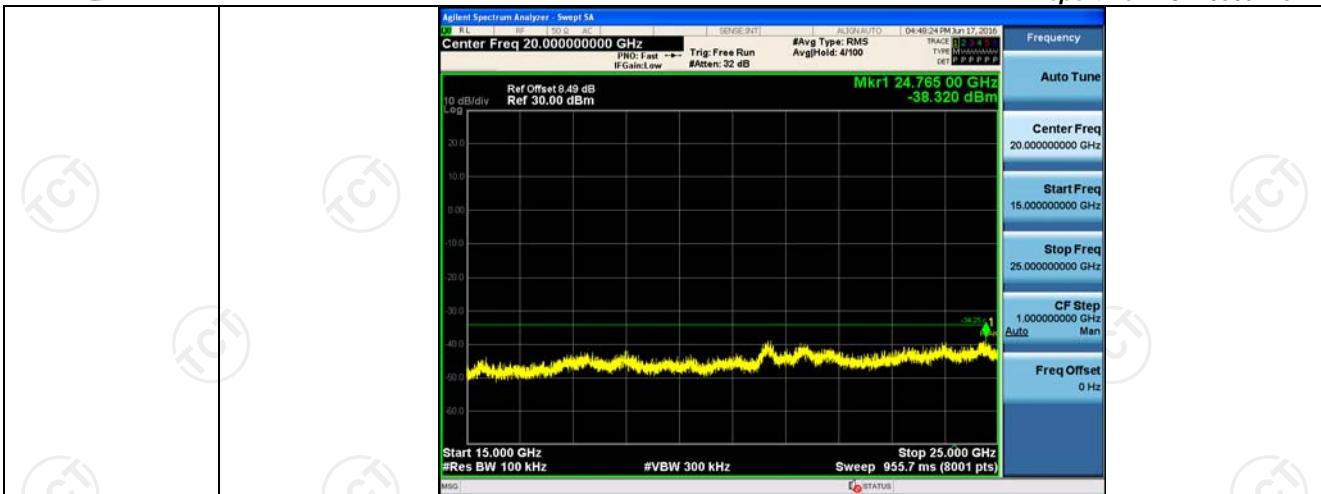


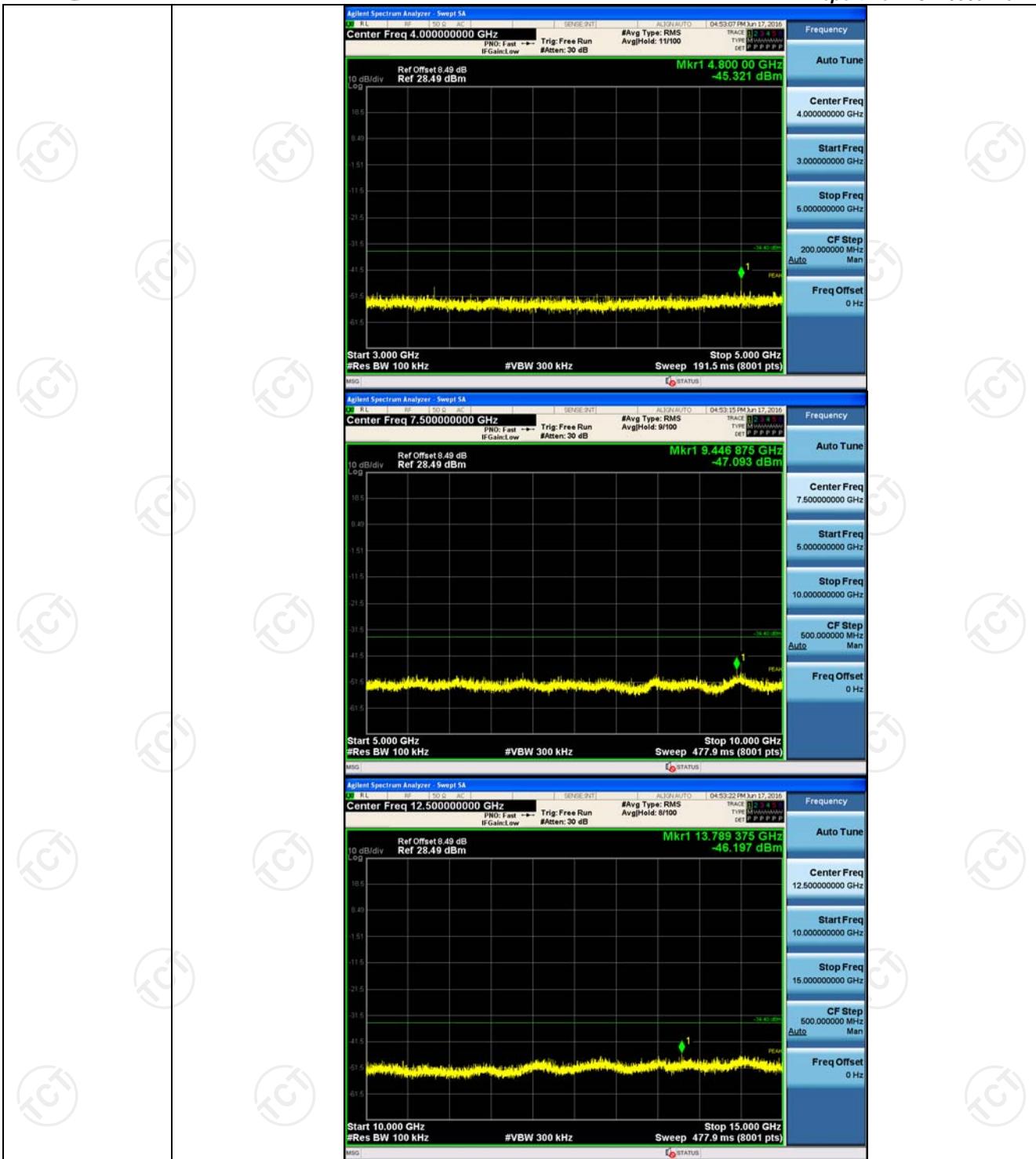


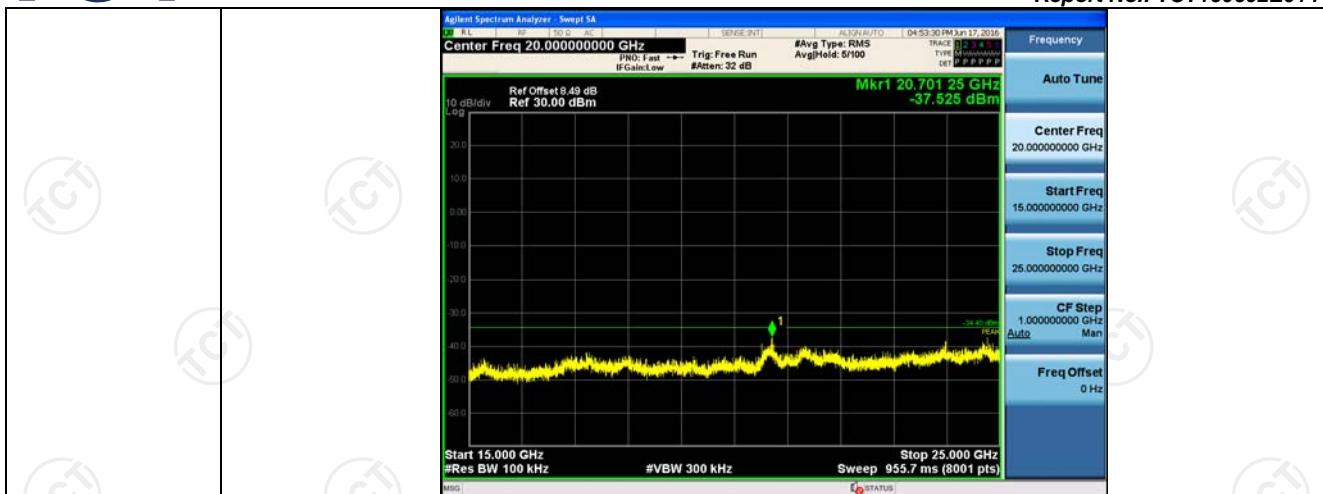




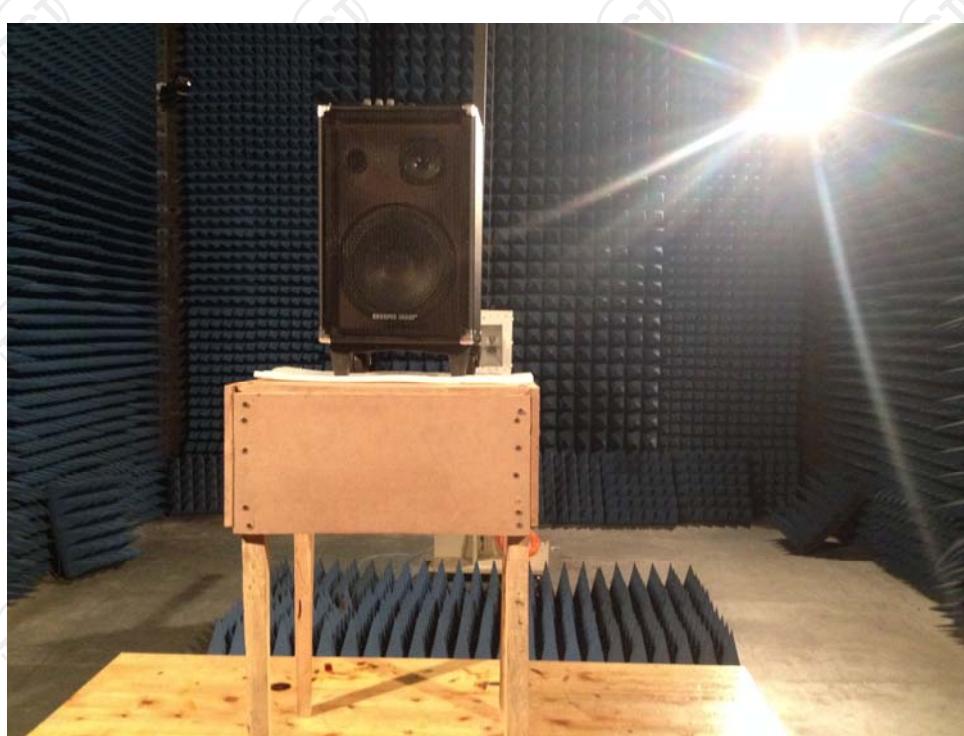




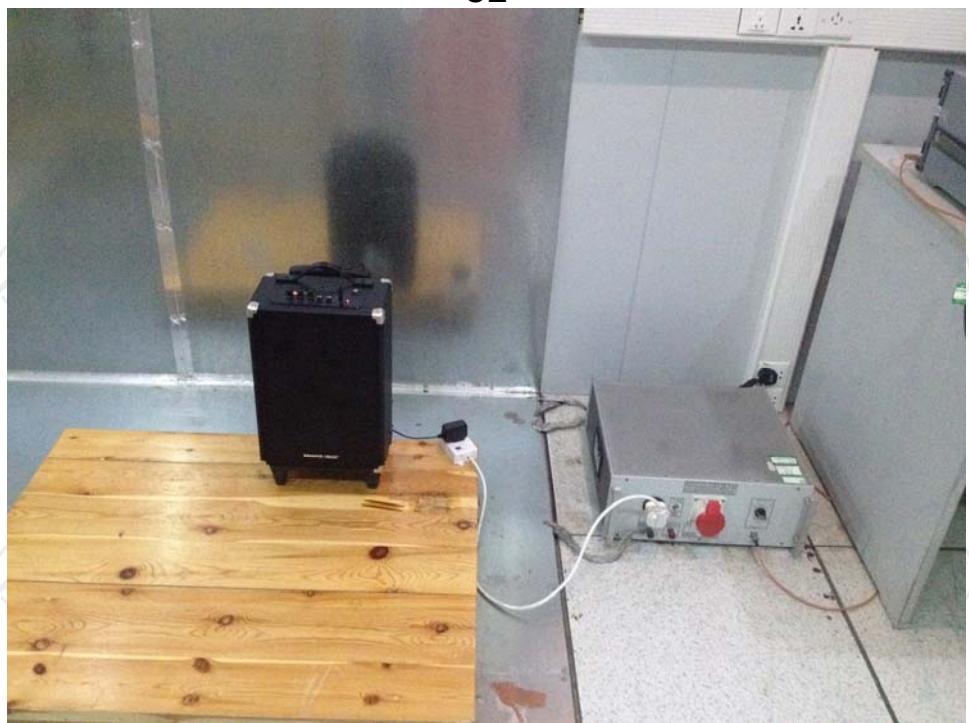




## Appendix B: Photographs of Test Setup Radiated Emission



CE



**Appendix C: Photographs of EUT  
Model: SBT1017  
External Photos**









**Model: SBT1017  
Internal Photos**

