

8DPSK/HCH

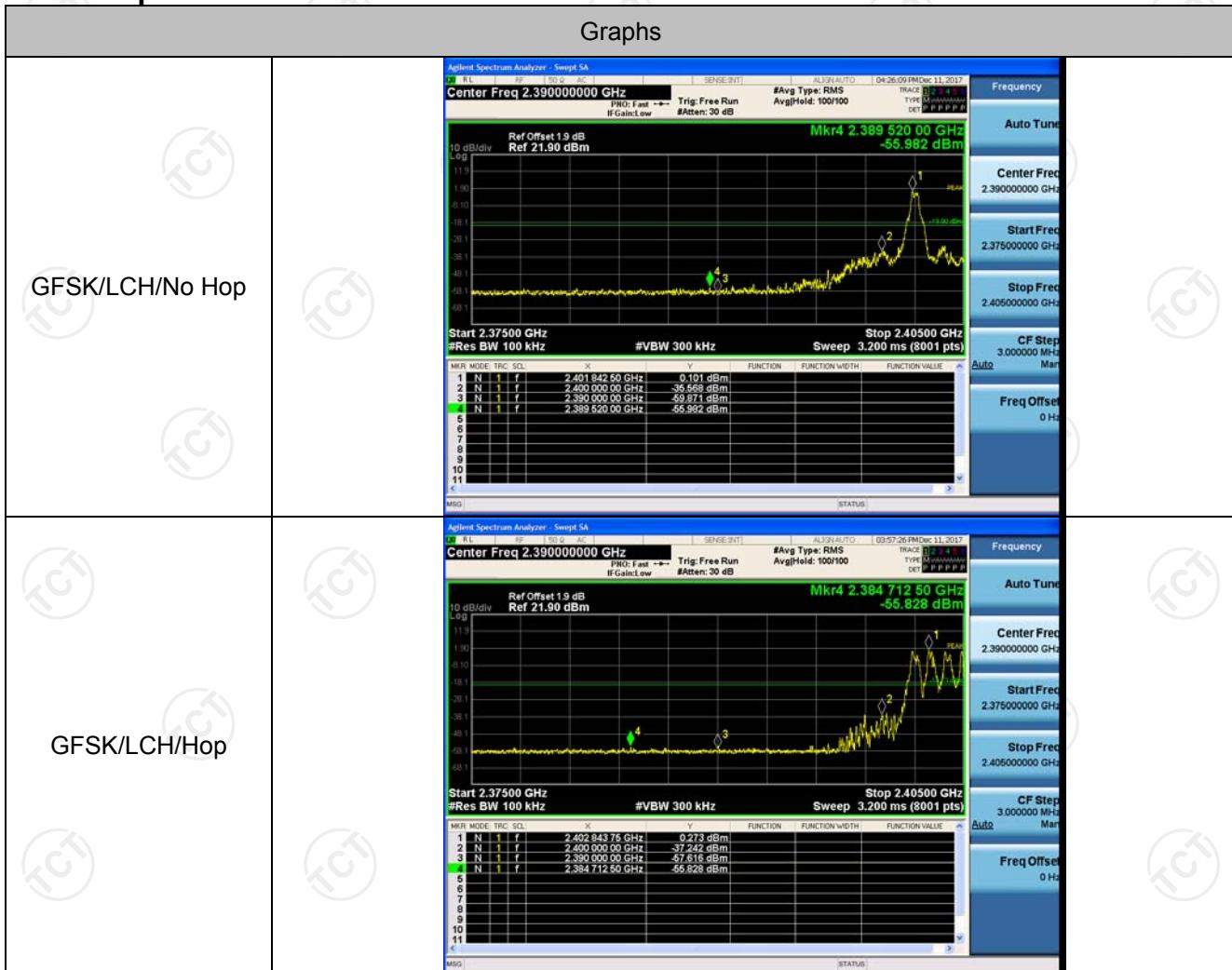


Band-edge for RF Conducted Emissions

Result Table

Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict
GFSK	LCH	2402	0.101	Off	-55.982	-19.9	PASS
			0.273	On	-55.828	-19.73	PASS
GFSK	HCH	2480	-1.053	Off	-43.371	-21.05	PASS
			-0.463	On	-42.338	-20.46	PASS
$\pi/4$ DQPSK	LCH	2402	-1.593	Off	-55.437	-21.59	PASS
			-1.382	On	-56.057	-21.38	PASS
$\pi/4$ DQPSK	HCH	2480	-2.874	Off	-43.233	-22.87	PASS
			-2.389	On	-49.195	-22.39	PASS
8DPSK	LCH	2402	-1.328	Off	-56.519	-21.33	PASS
			-0.901	On	-56.210	-20.9	PASS
8DPSK	HCH	2480	-2.878	Off	-43.806	-22.88	PASS
			-2.306	On	-54.115	-22.31	PASS

Test Graph

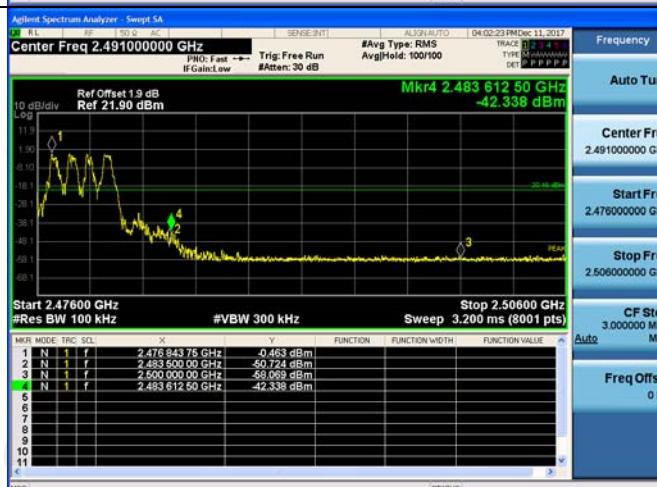


GFSK/HCH/No Hop



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

π/4DQPSK/LCH/No Hop

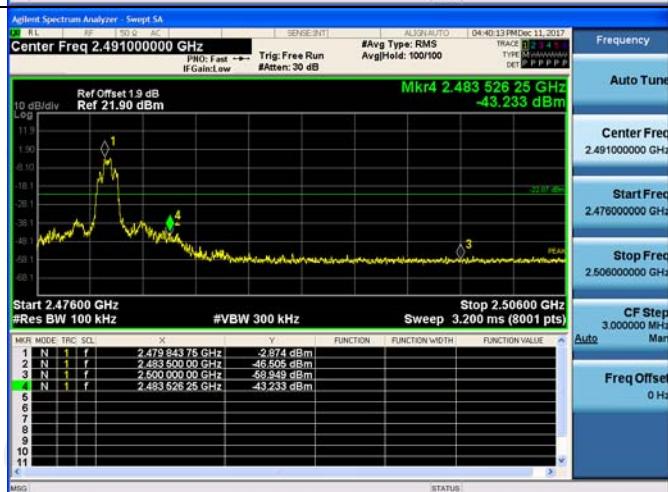


Frequency
Auto Tune
Center Freq
2.390000000 GHz
Start Freq
2.375000000 GHz
Stop Freq
2.405000000 GHz
CF Step
3.000000 MHz
Auto
Freq Offset
0 Hz

π/4DQPSK/LCH/Hop



π/4DQPSK/HCH/No Hop



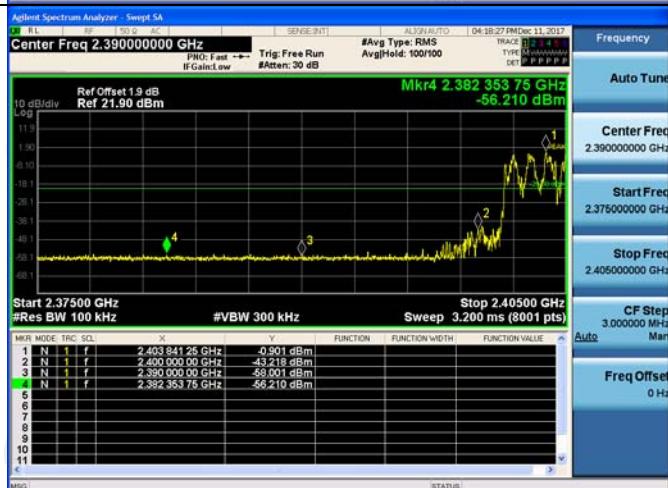
π/4DQPSK/HCH/Hop



8DPSK/LCH/No Hop



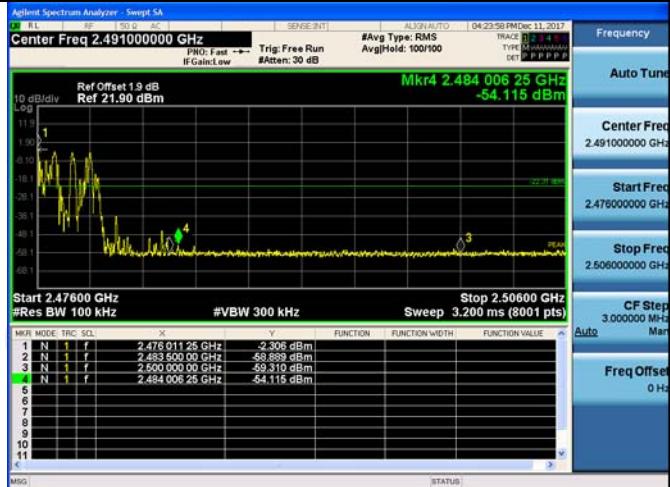
8DPSK/LCH/Hop



8DPSK/HCH/No Hop



8DPSK/HCH/Hop

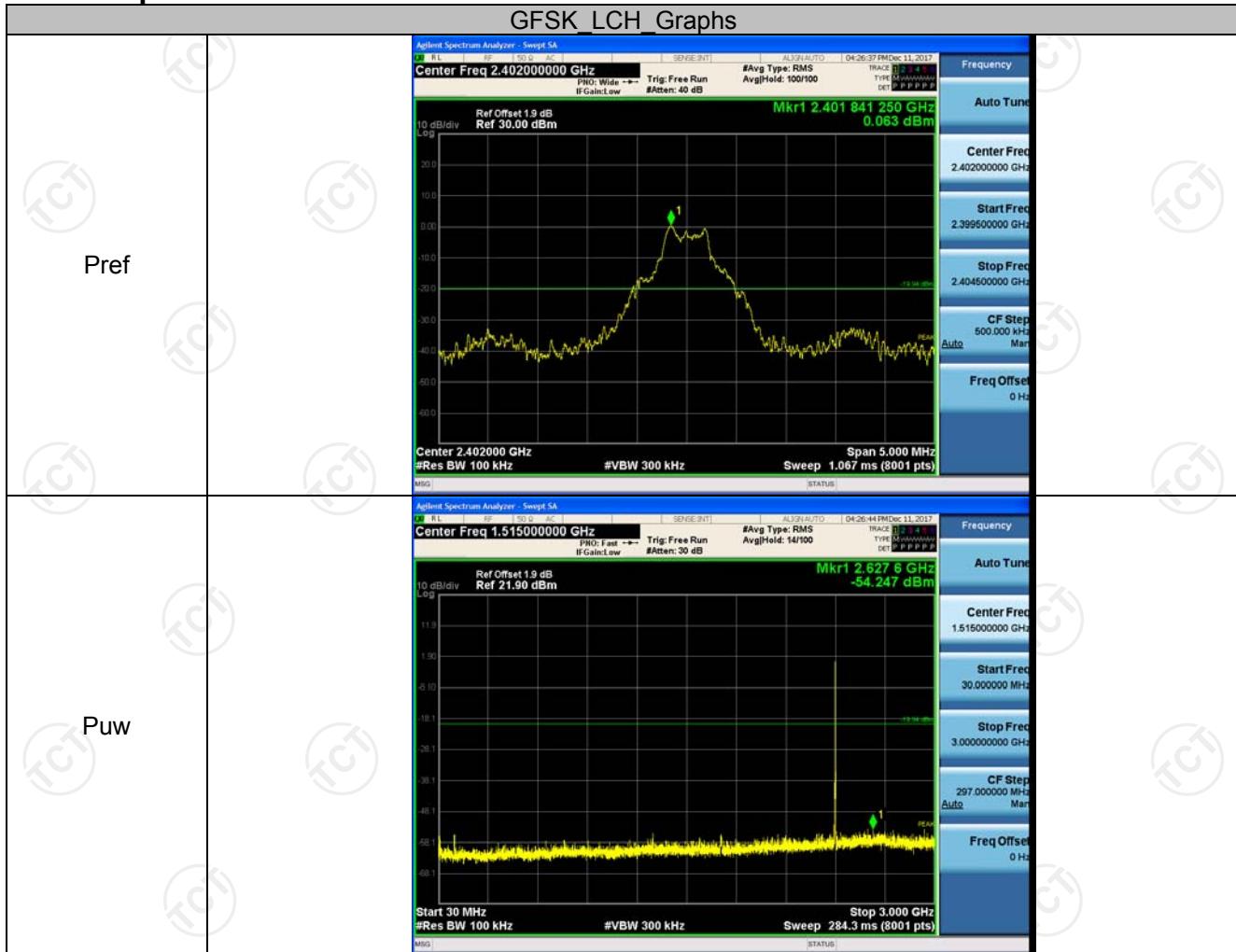


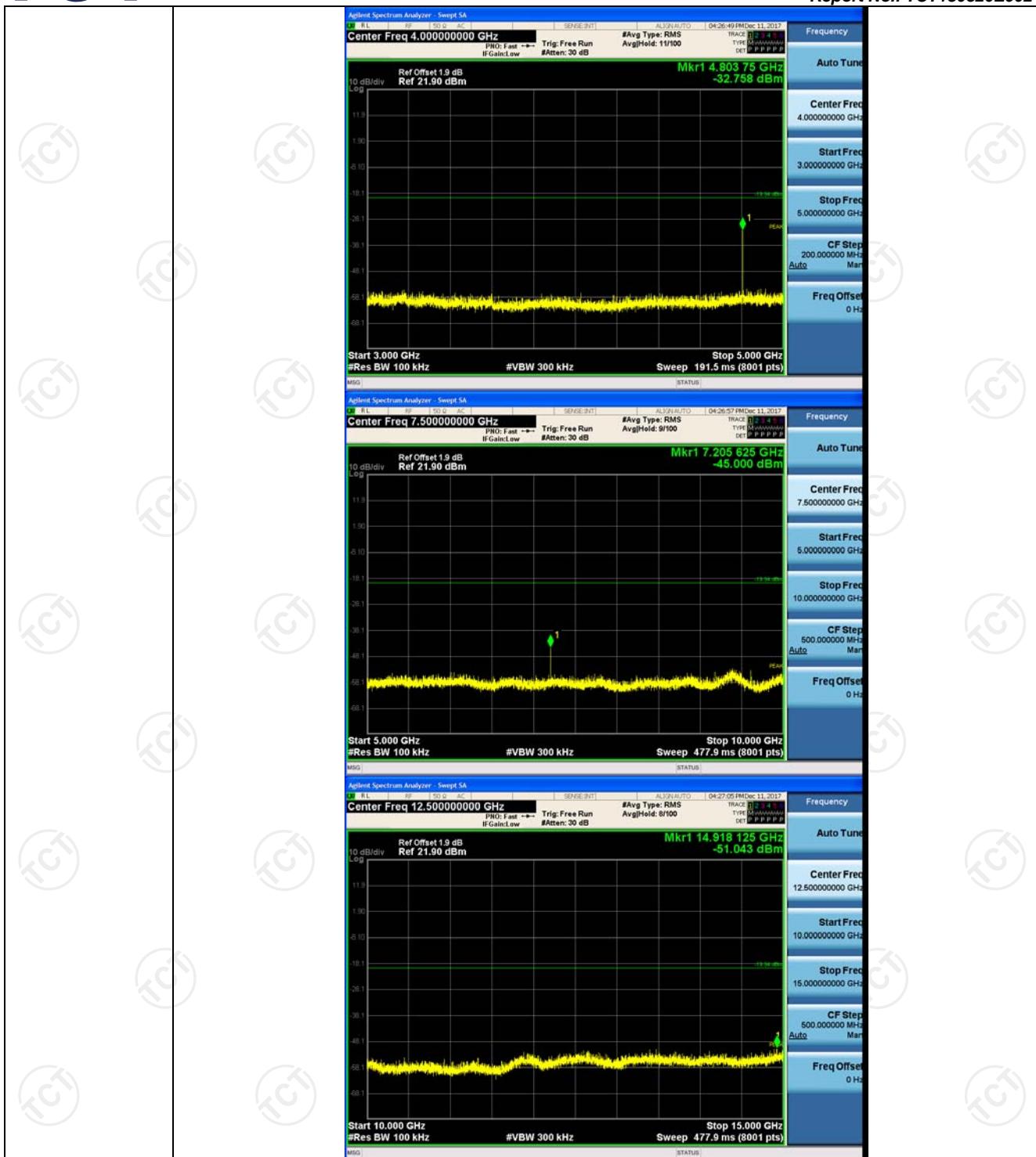
RF Conducted Spurious Emissions

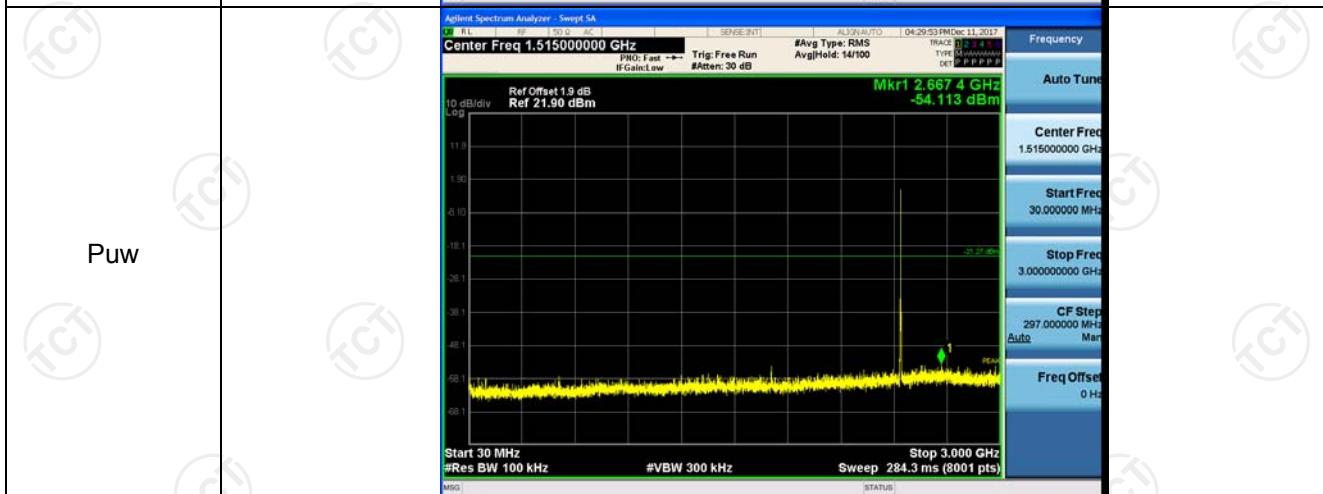
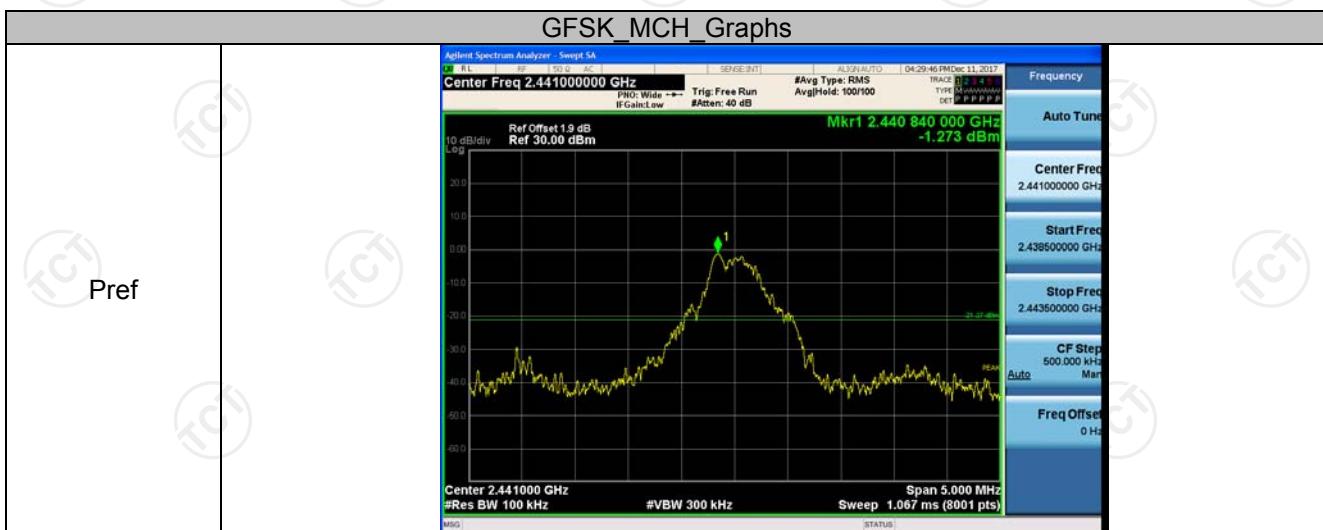
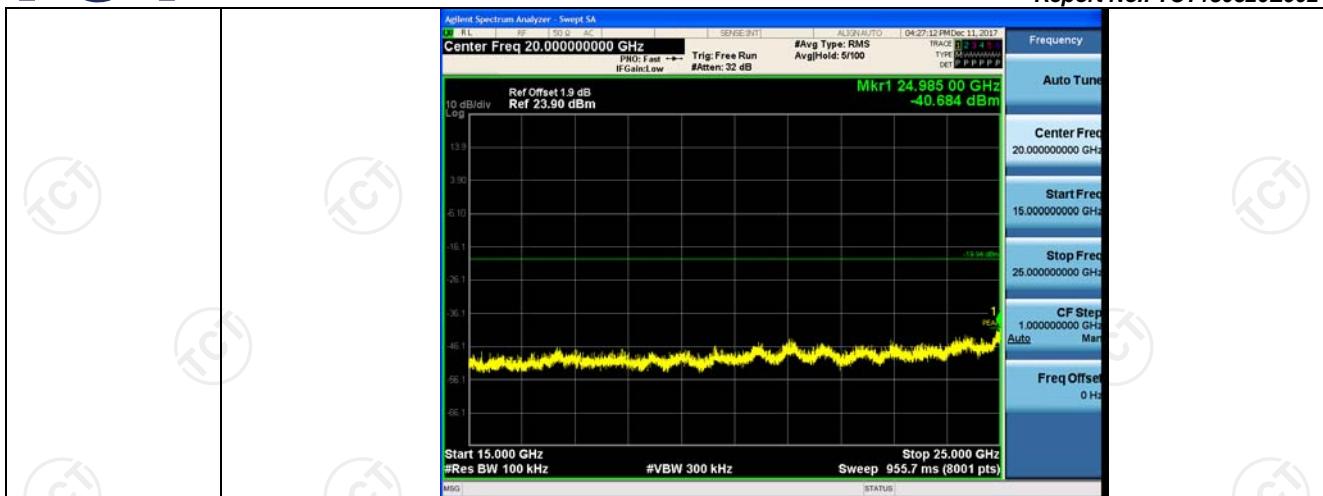
Result Table

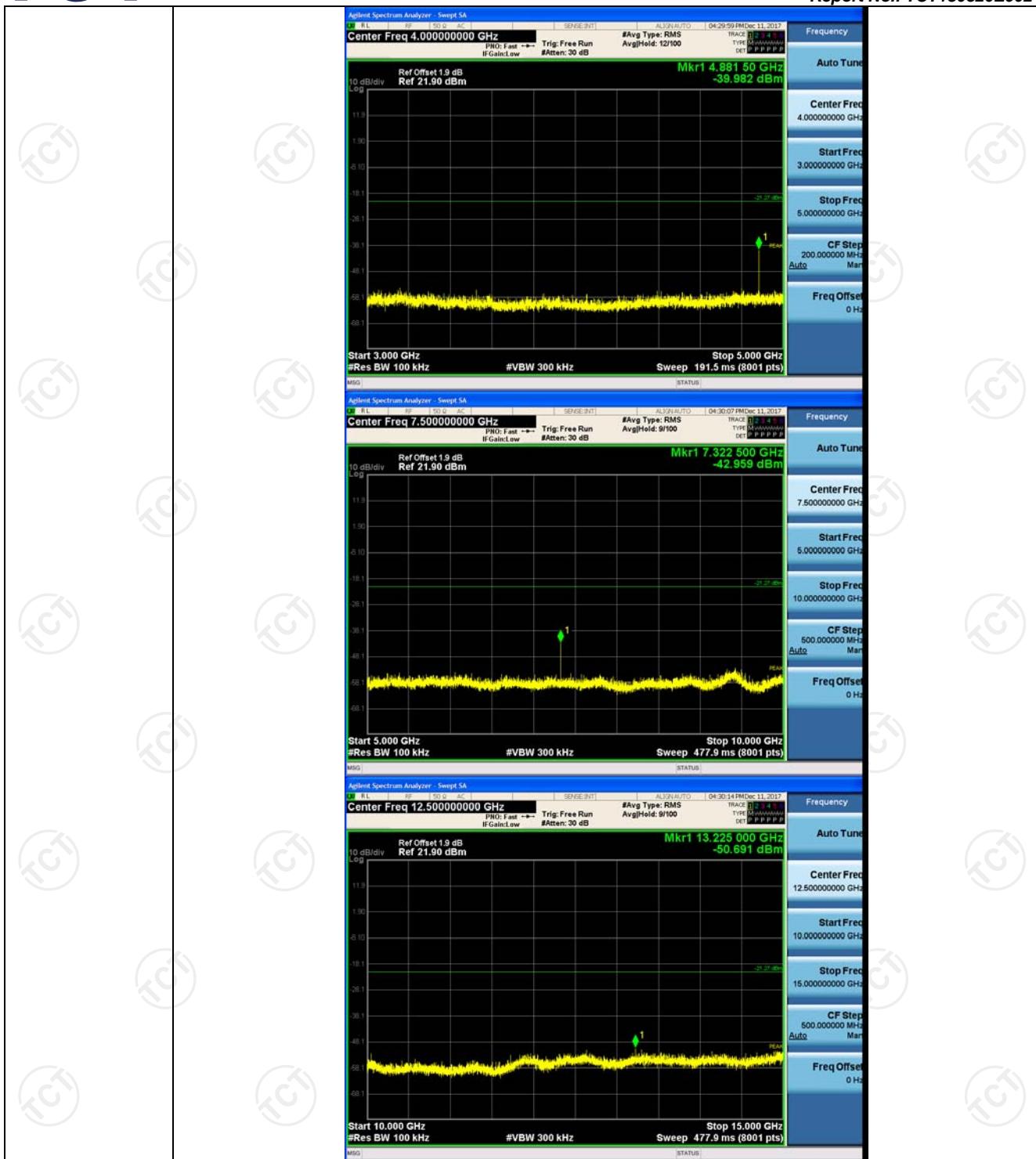
Mode	Channel	Pref [dBm]	Puw [dBm]	Verdict
GFSK	LCH	0.063	<Limit	PASS
GFSK	MCH	-1.273	<Limit	PASS
GFSK	HCH	-1.118	<Limit	PASS
π/4DQPSK	LCH	-1.515	<Limit	PASS
π/4DQPSK	MCH	-3.123	<Limit	PASS
π/4DQPSK	HCH	-2.463	<Limit	PASS
8DPSK	LCH	-1.798	<Limit	PASS
8DPSK	MCH	-2.944	<Limit	PASS
8DPSK	HCH	-3.235	<Limit	PASS

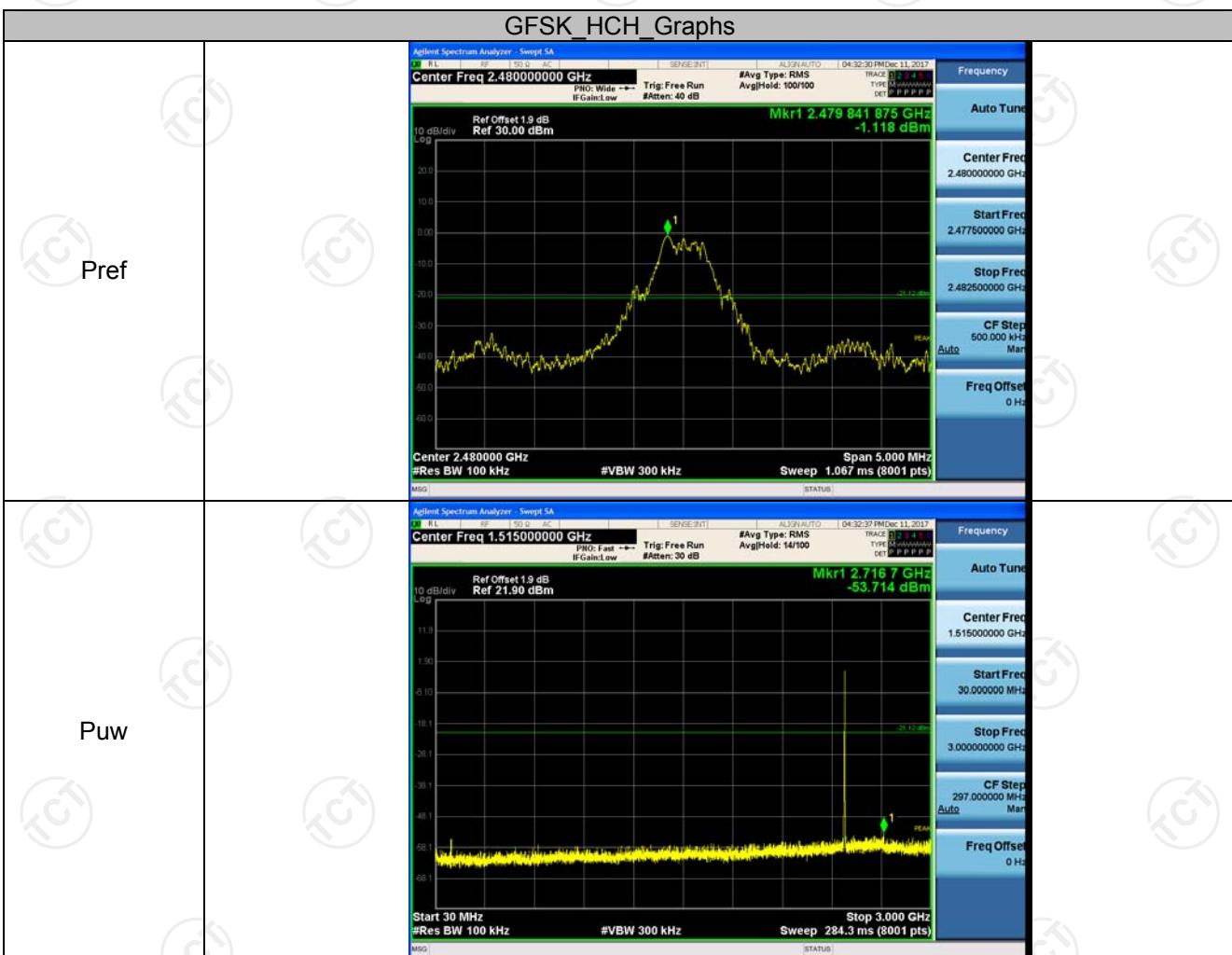
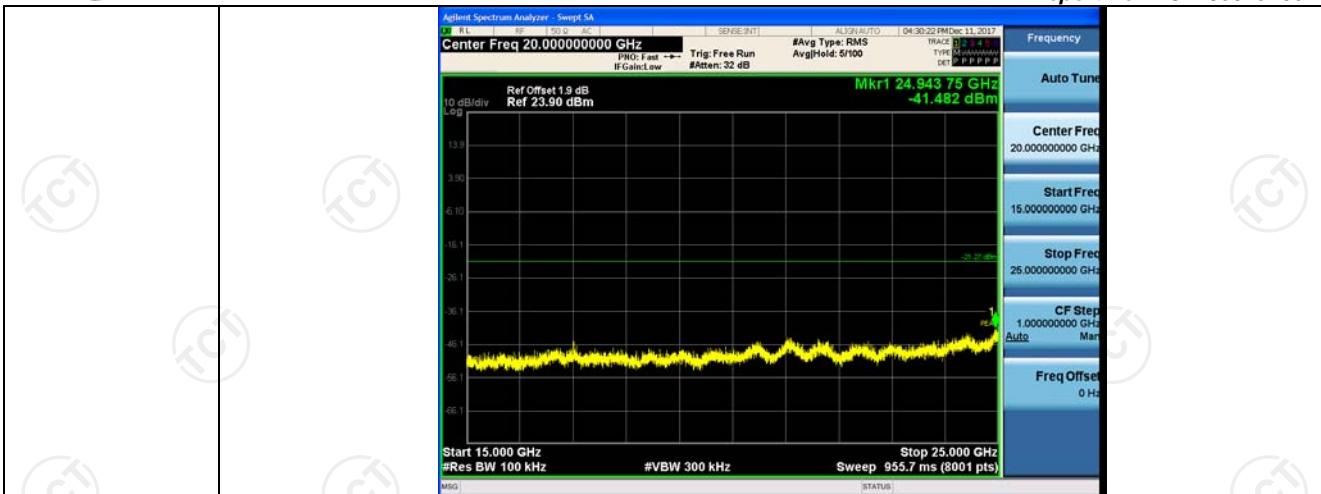
Test Graph

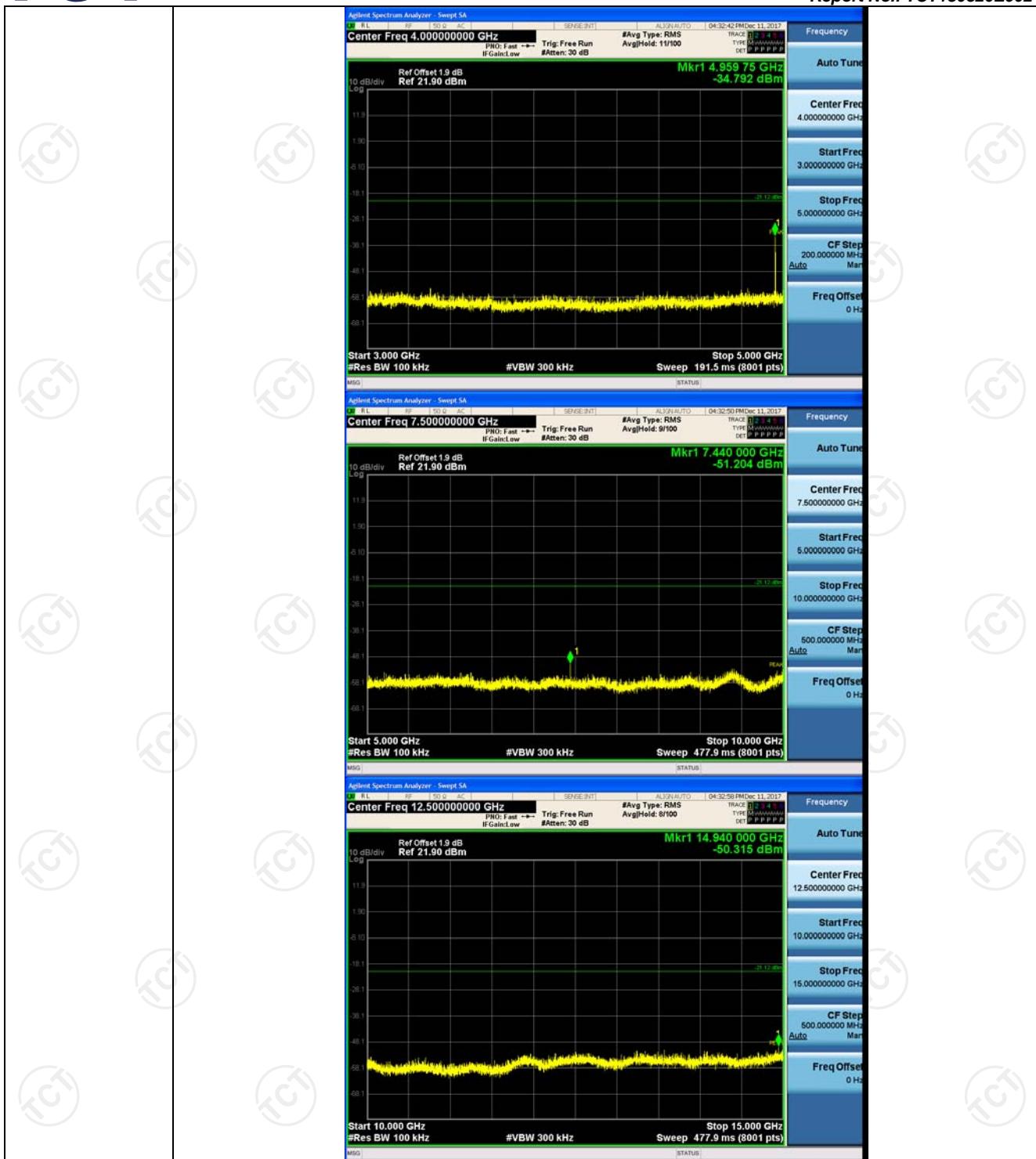


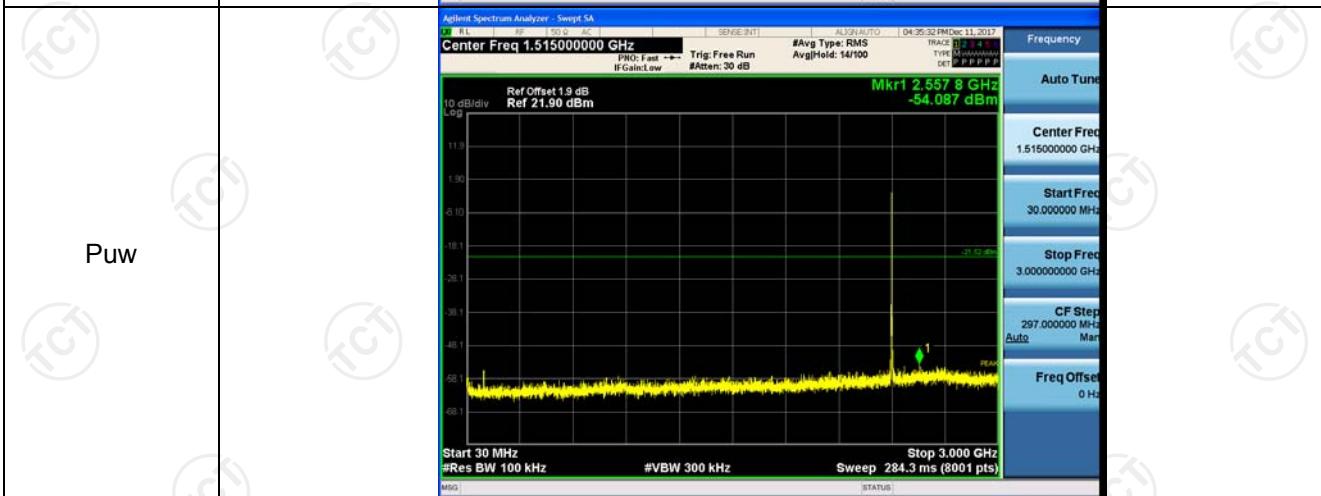
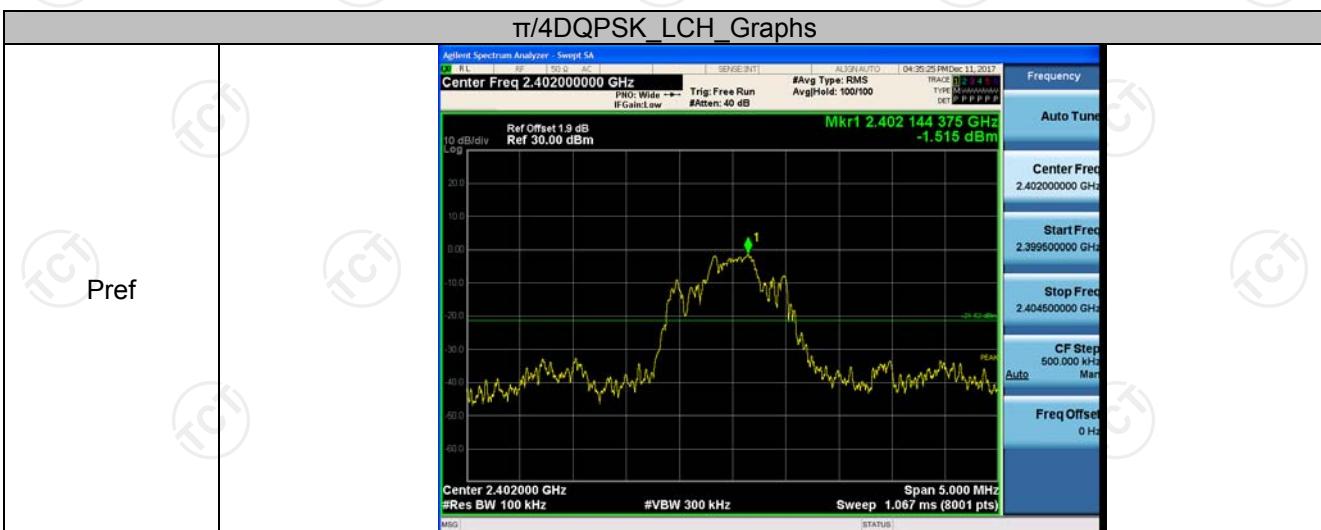
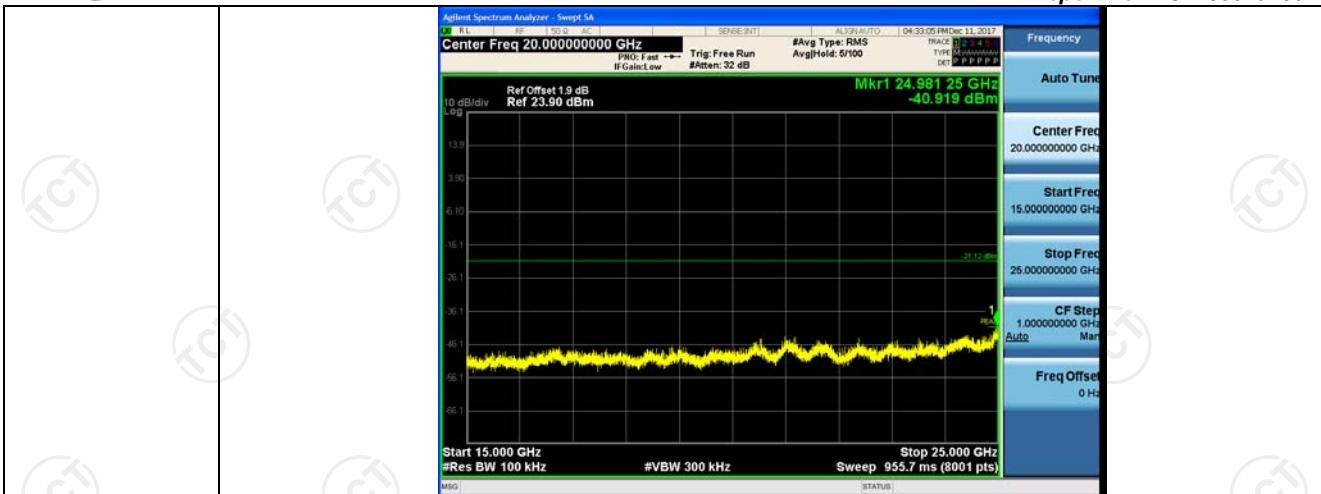


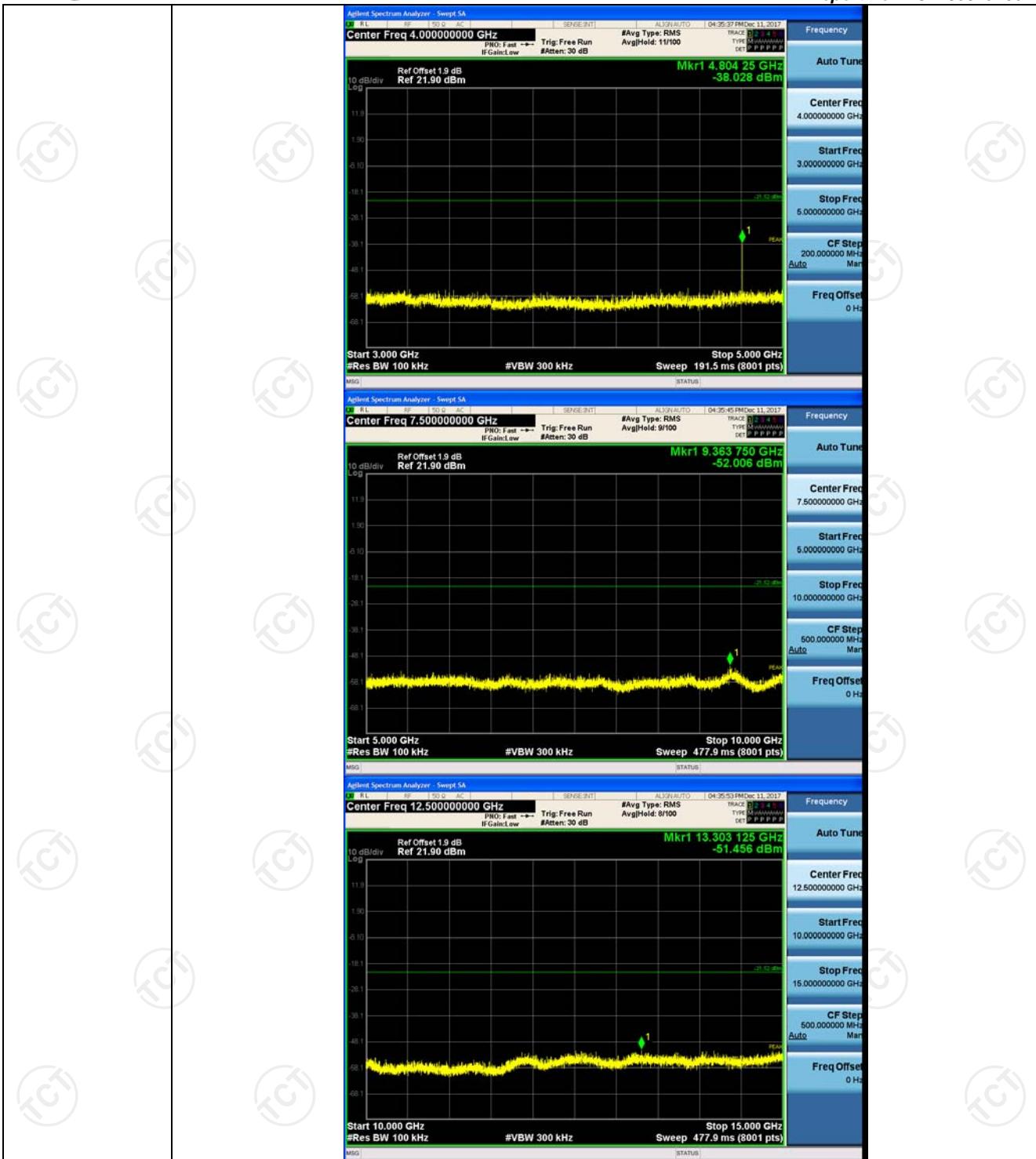


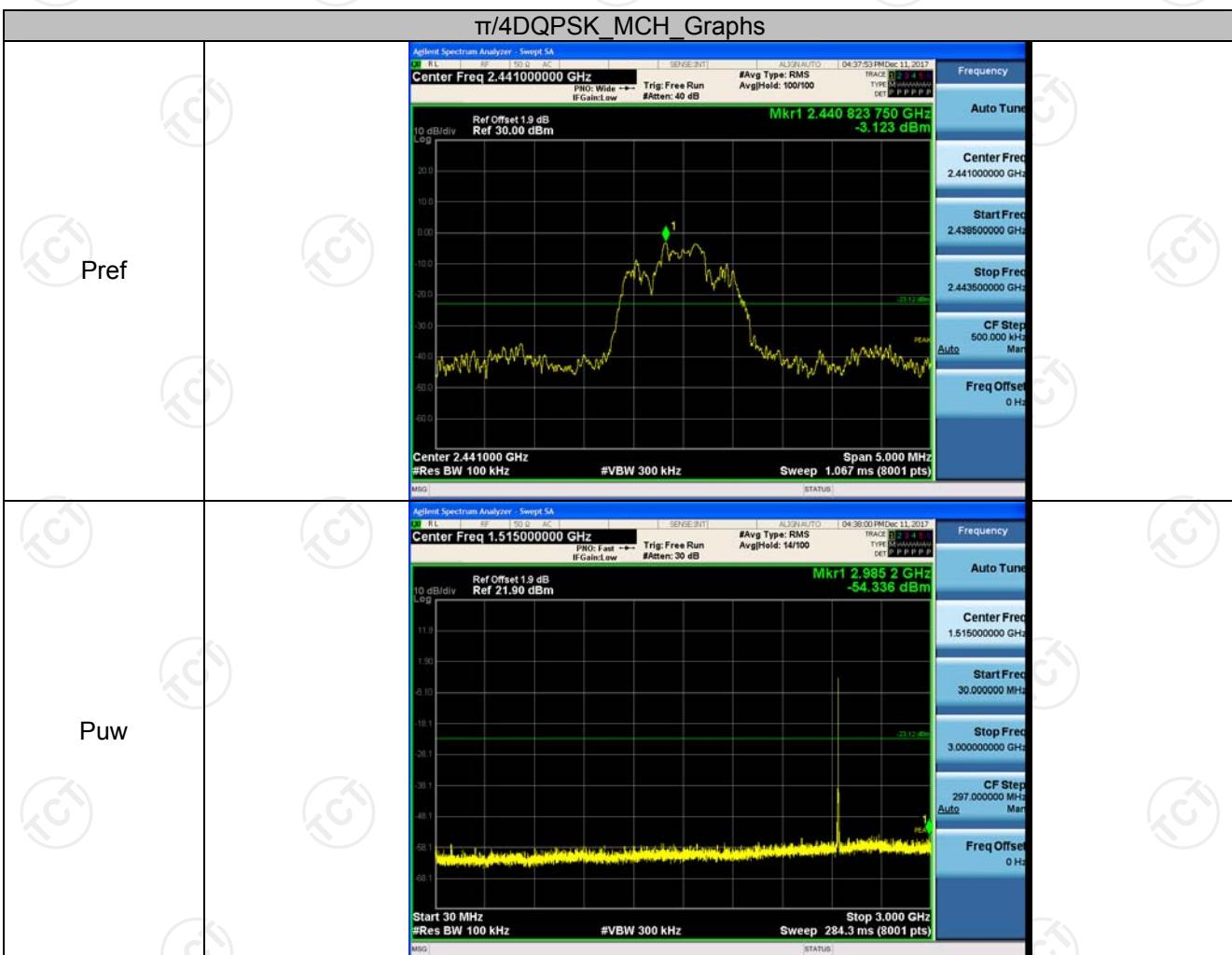
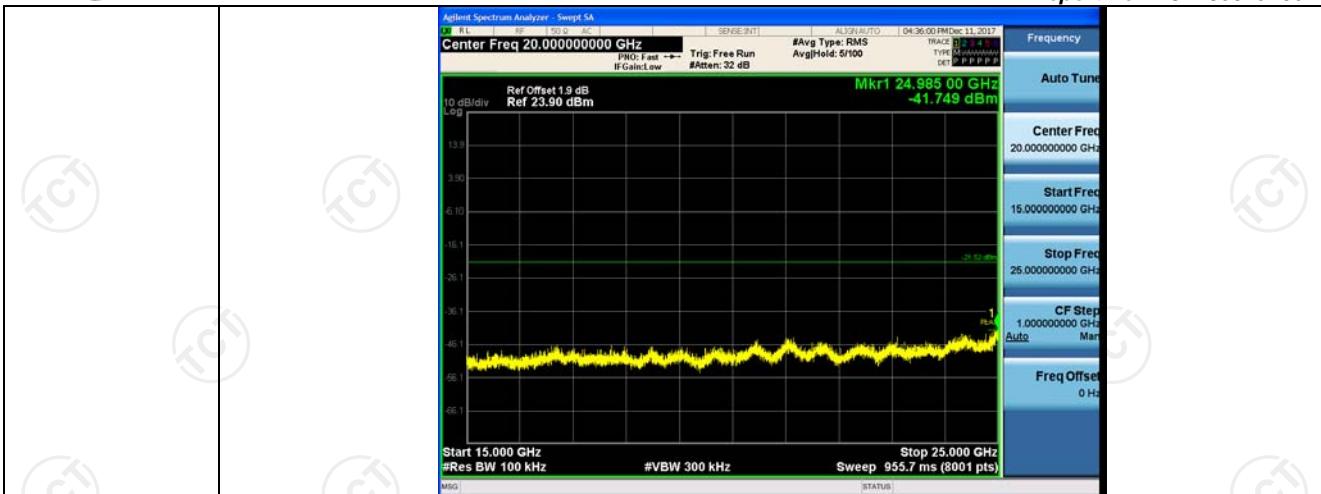


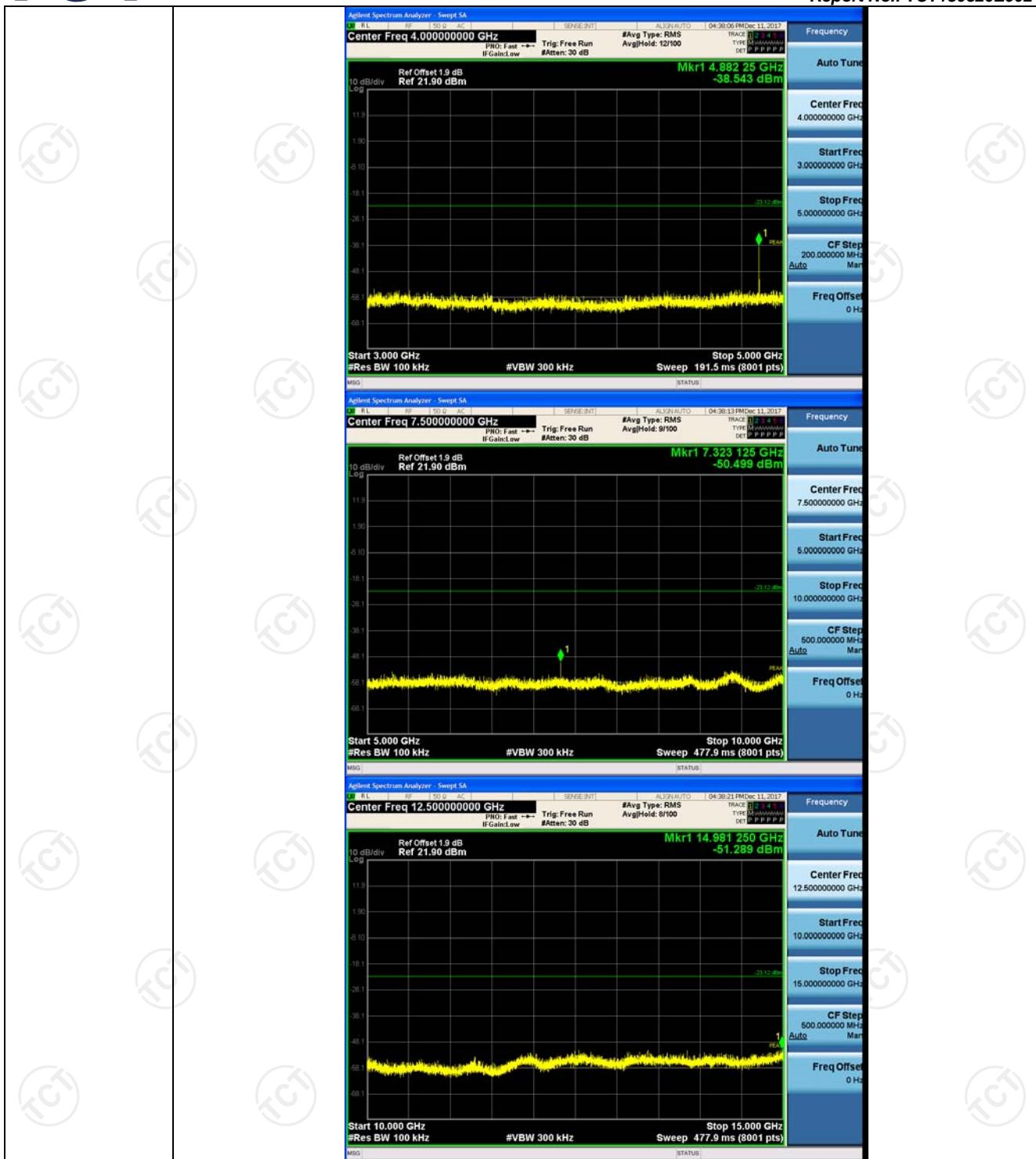


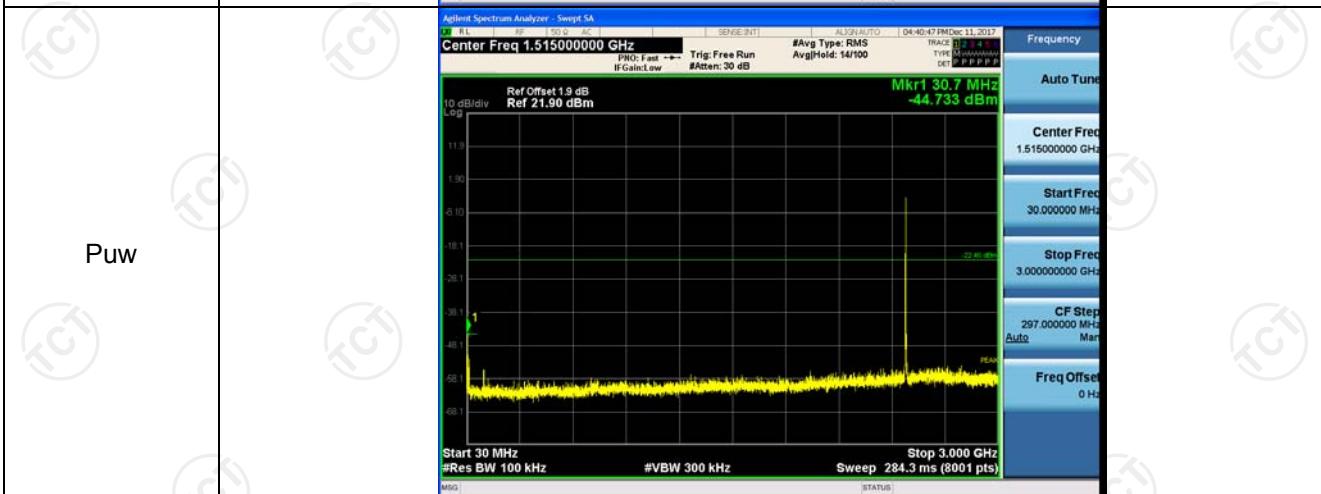
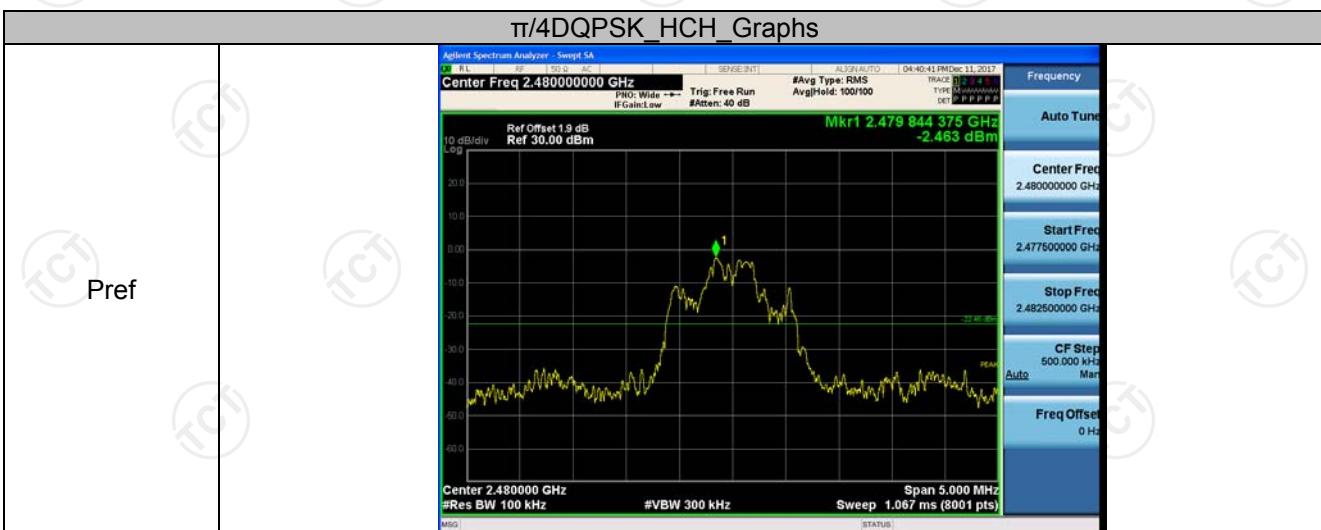
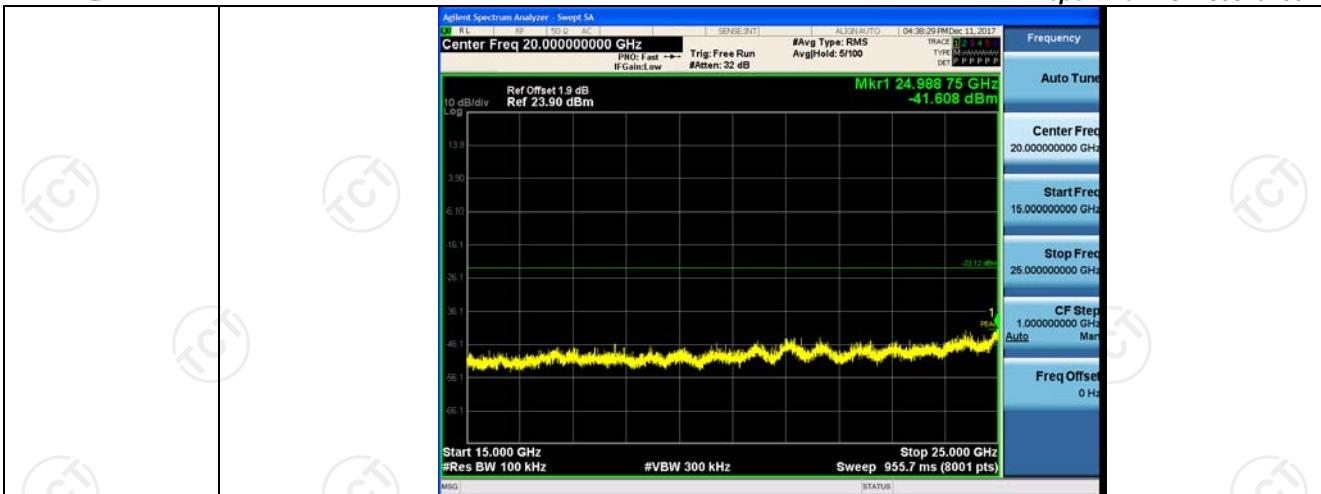


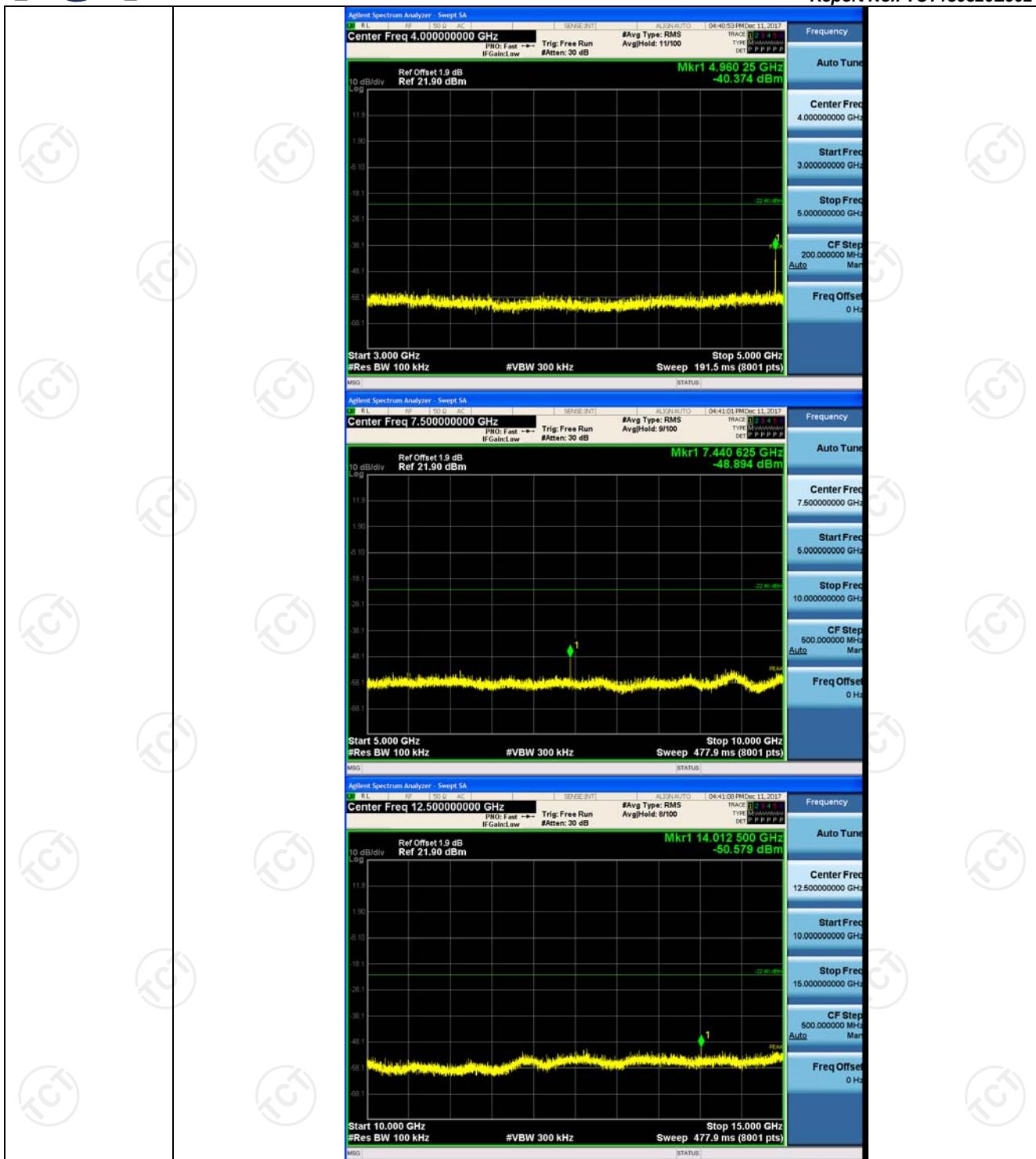


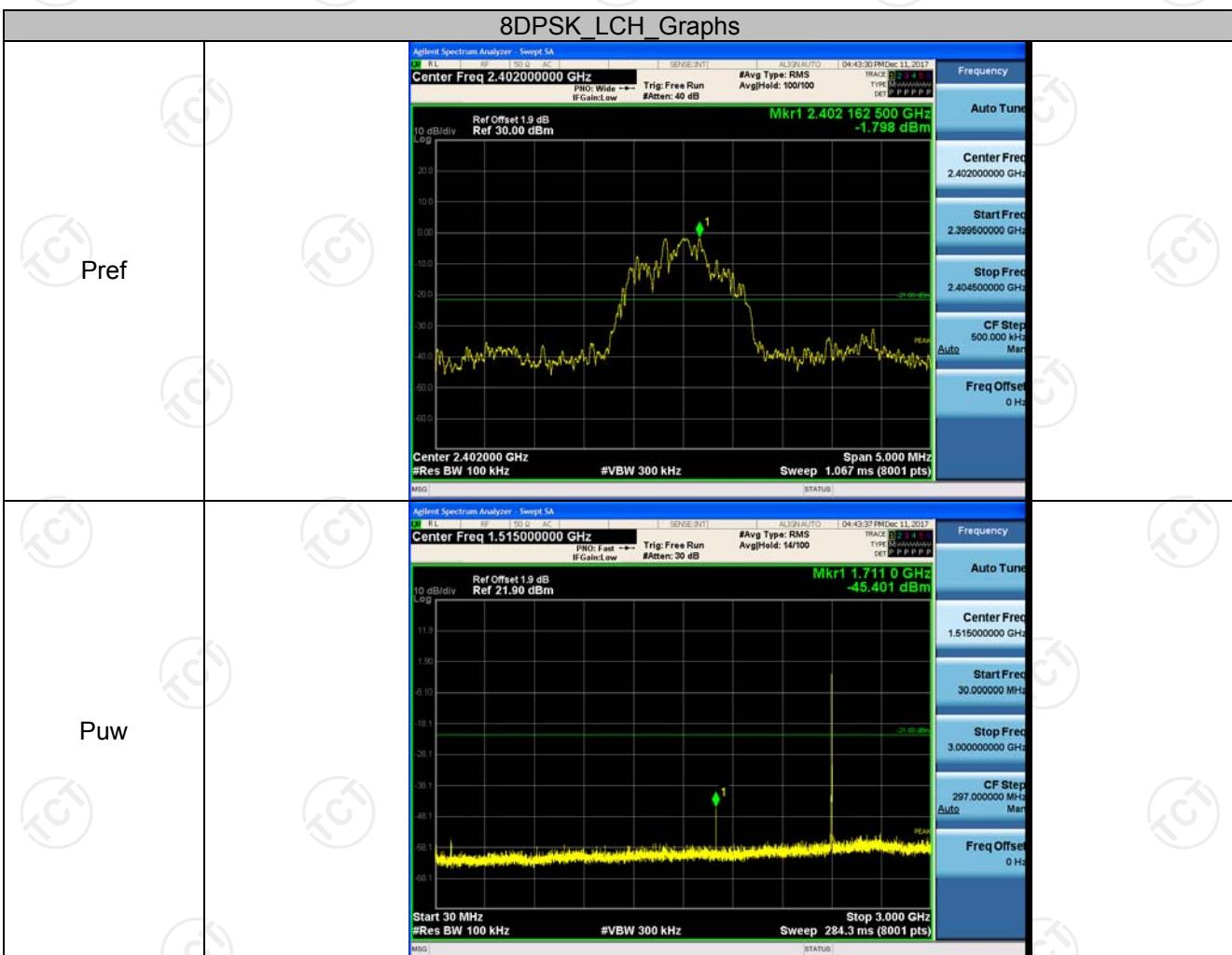
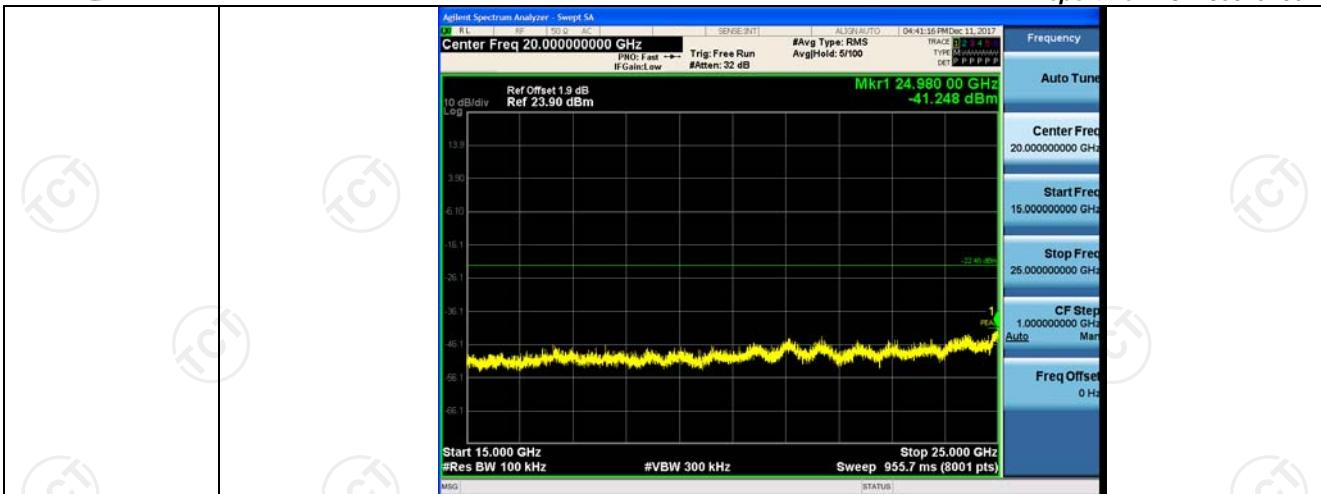


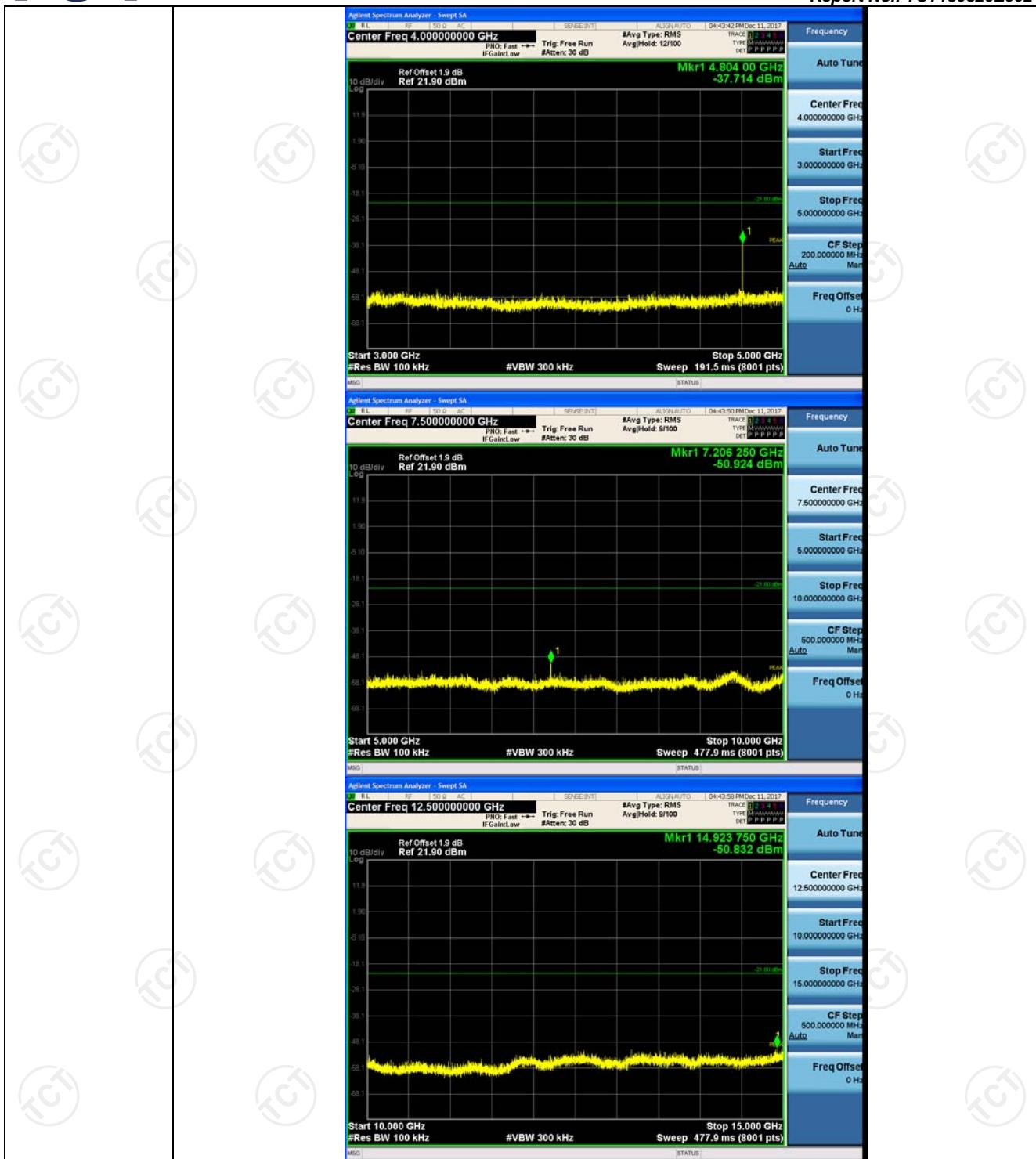


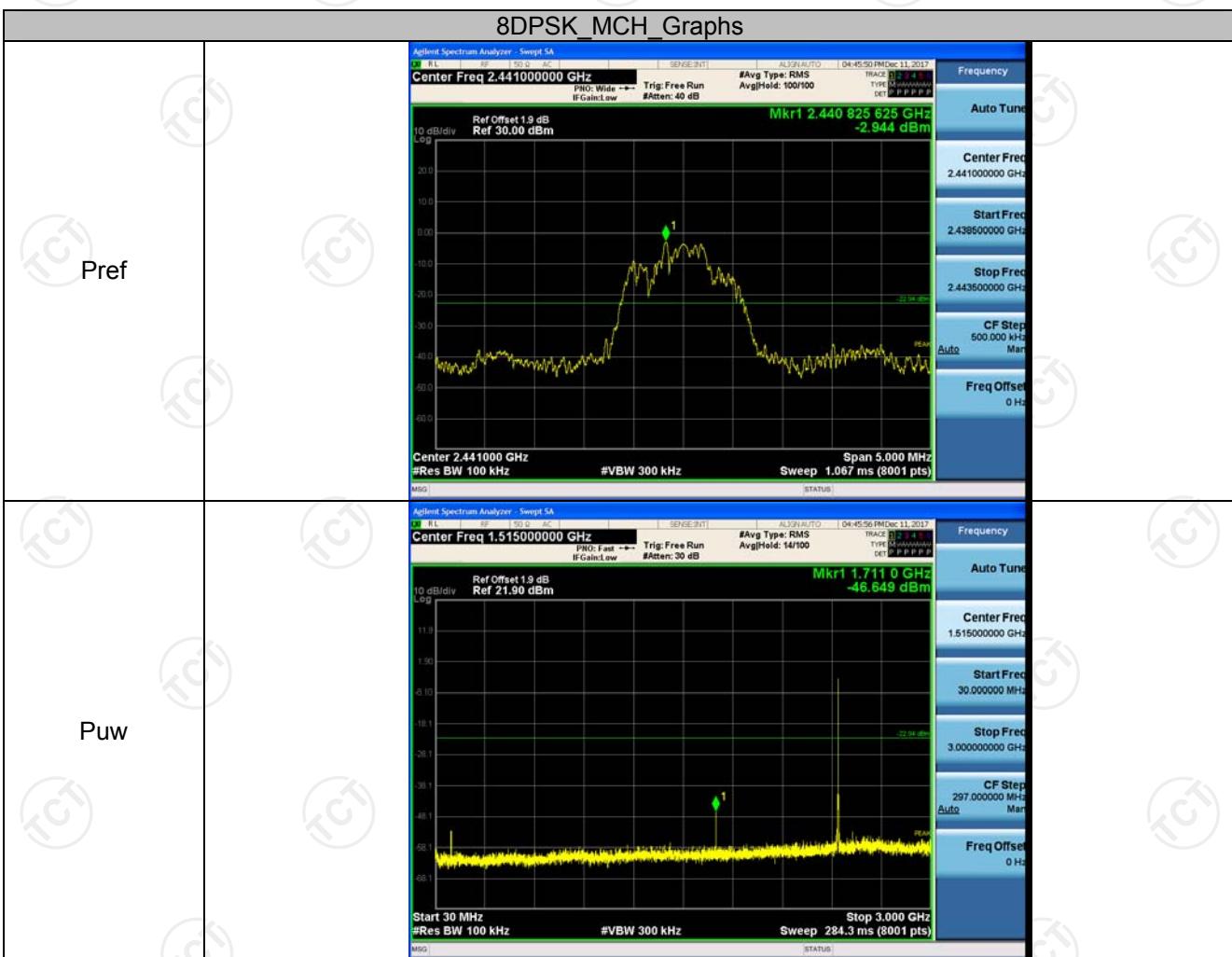
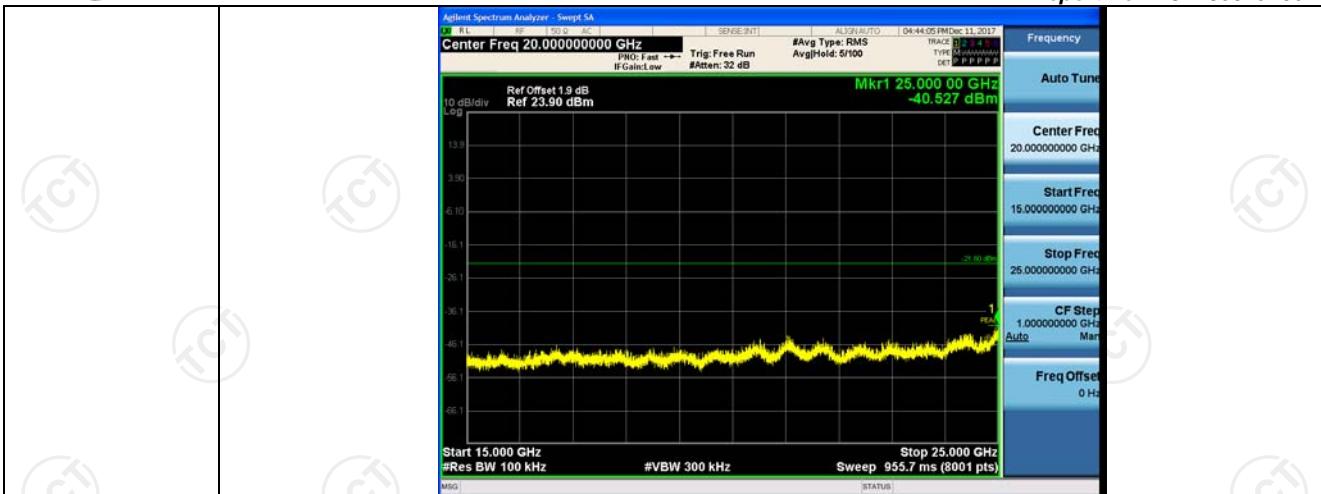


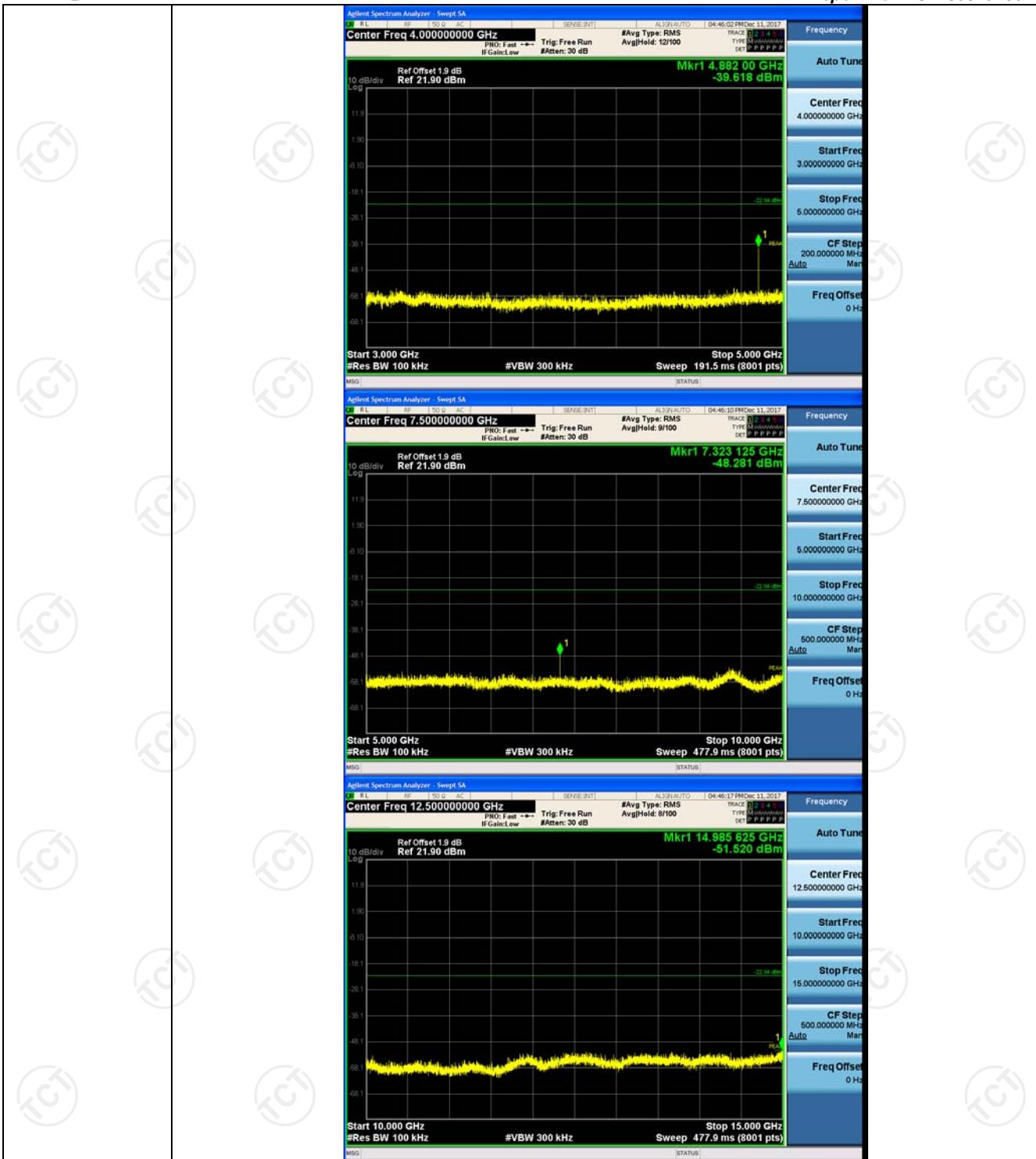


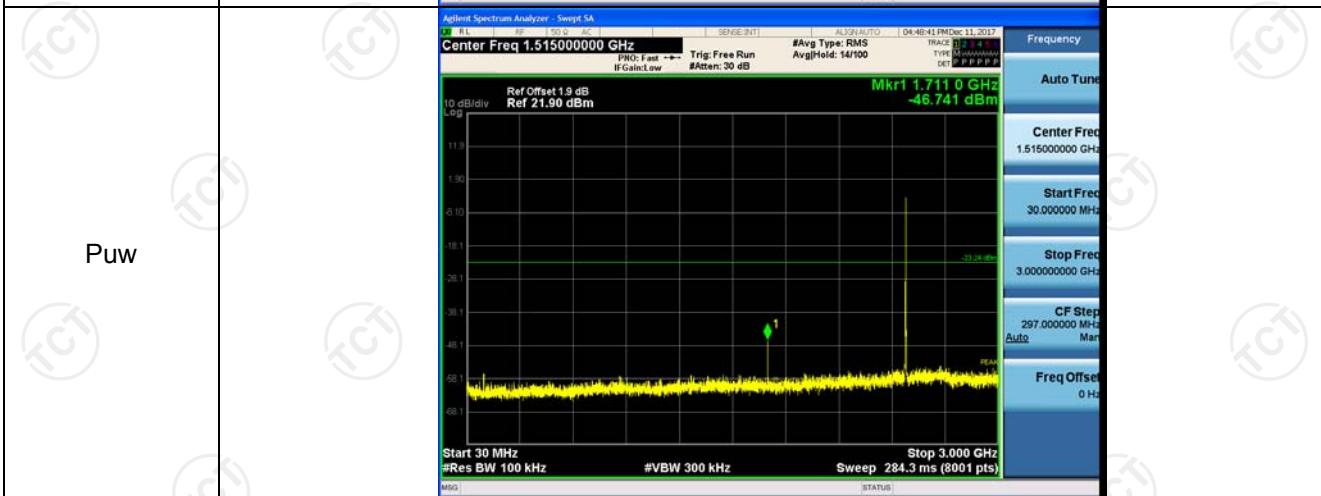
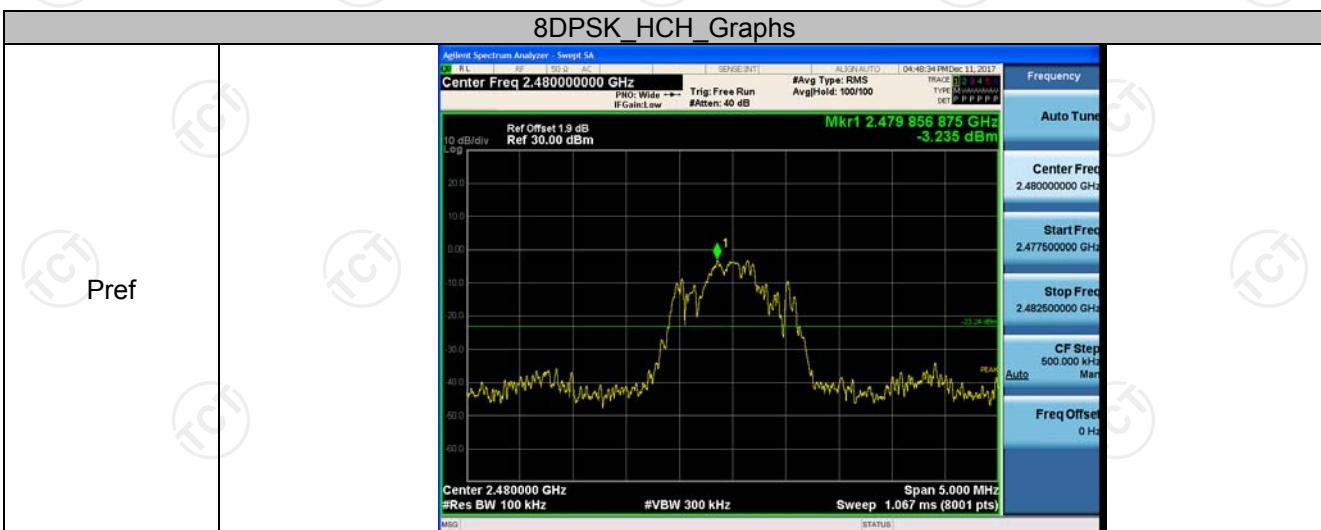
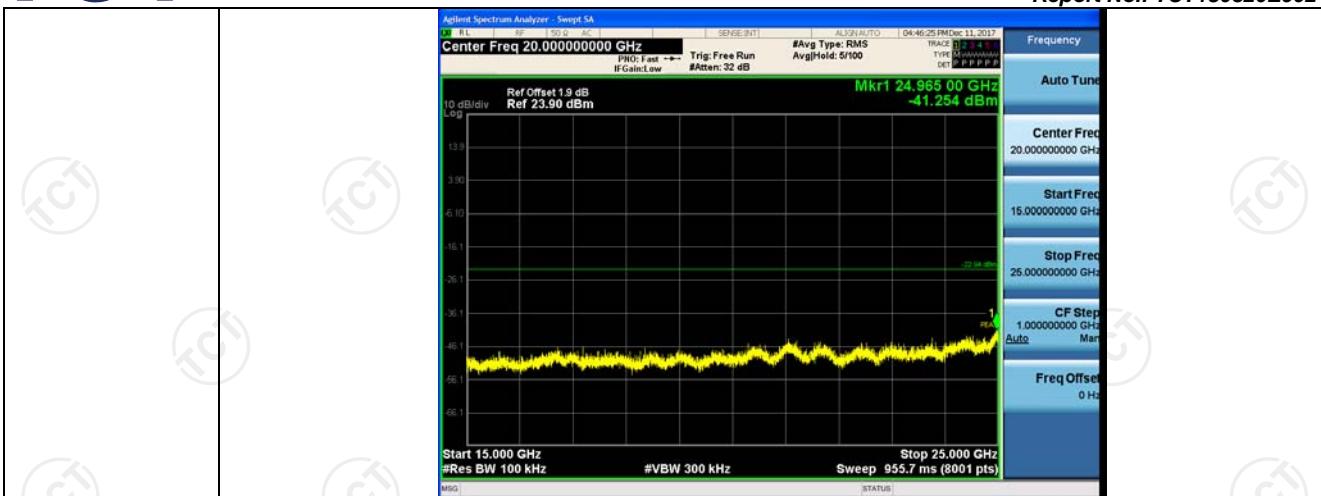


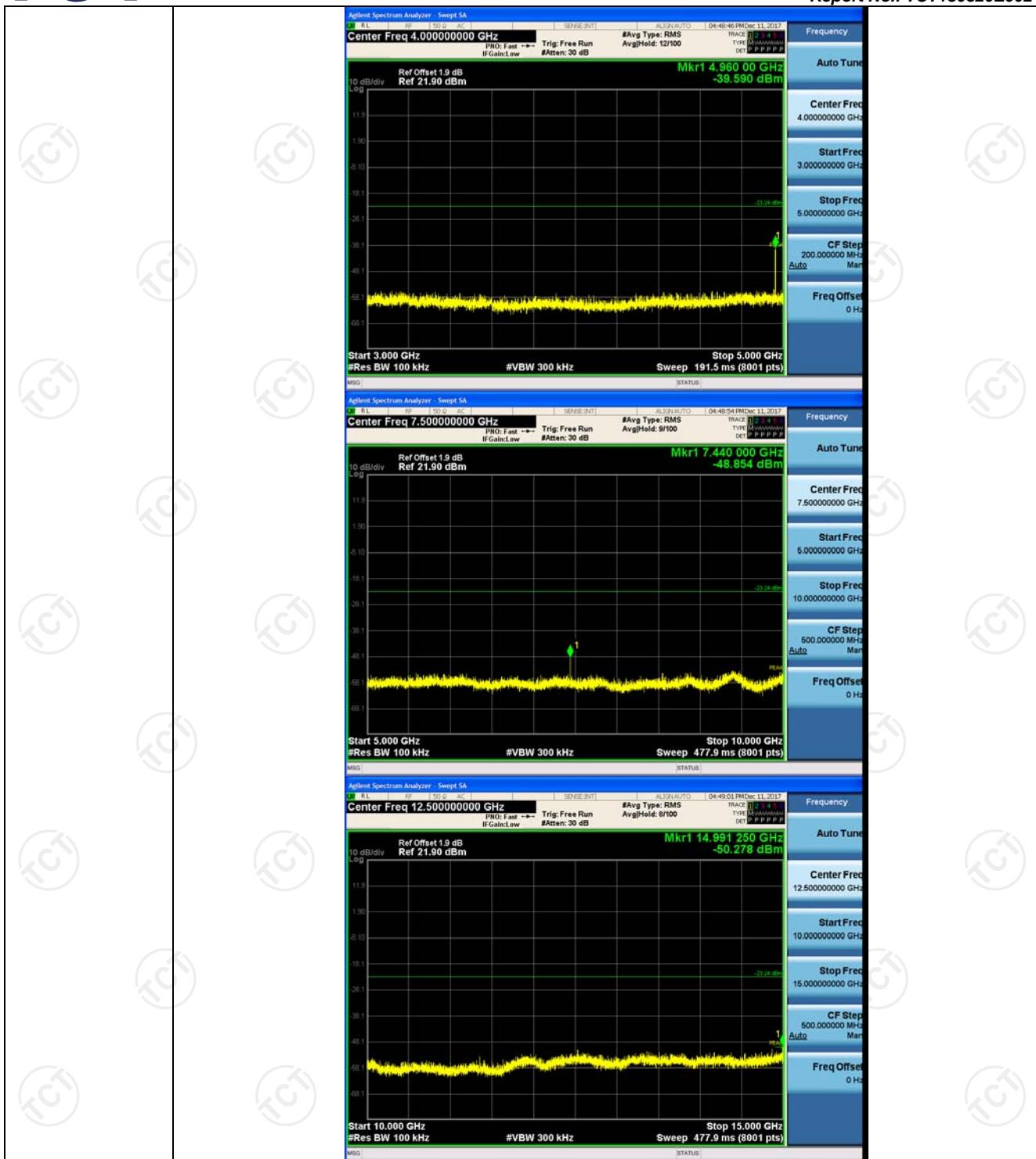


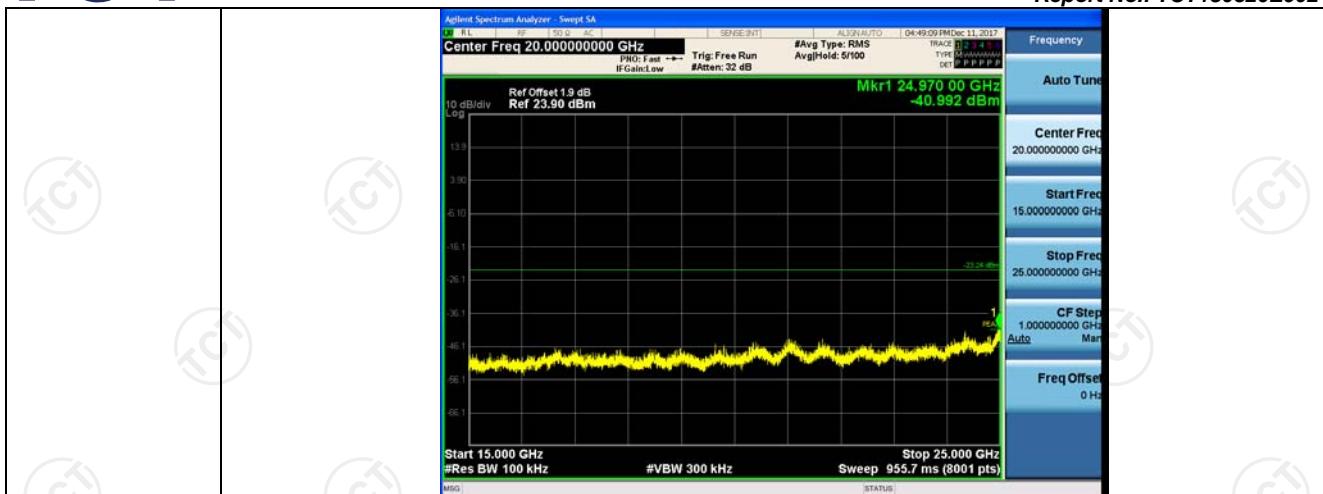










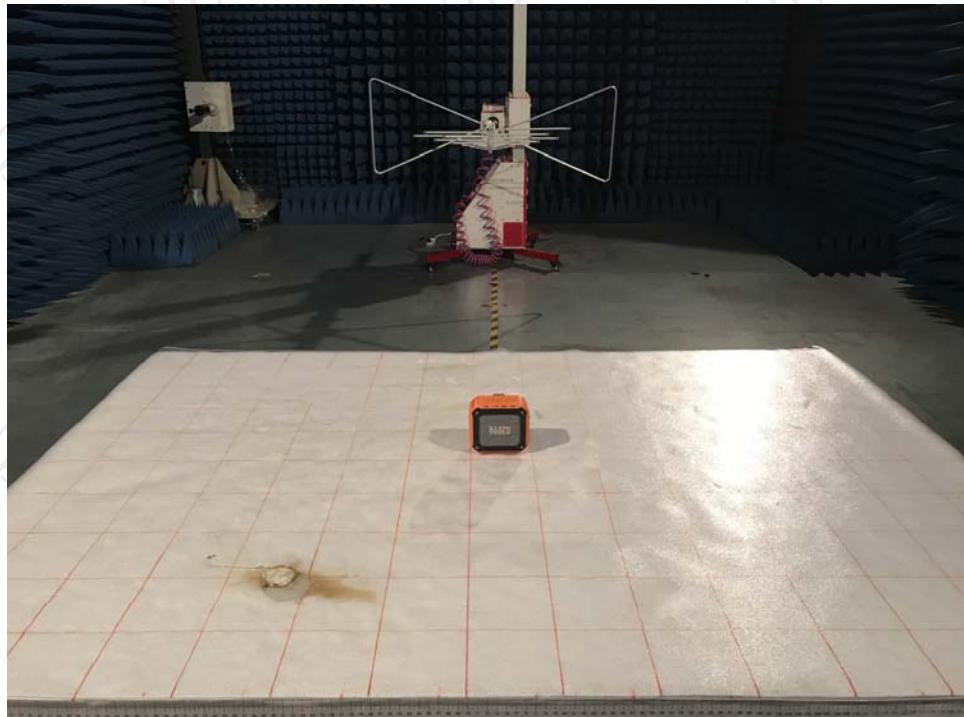


Appendix B: Photographs of Test Setup

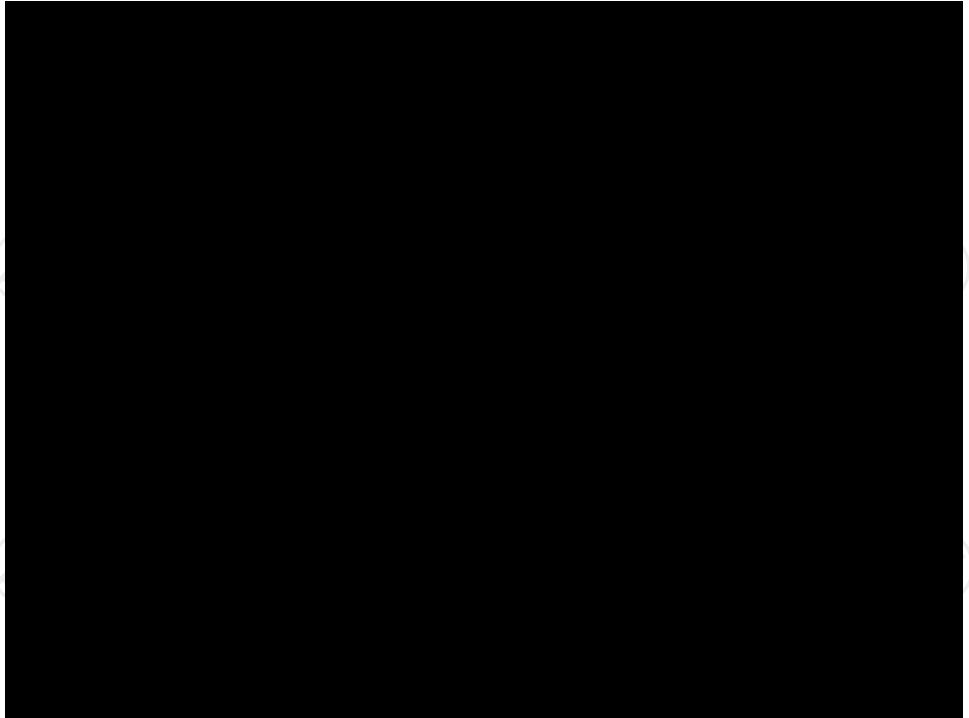
Product: Wireless Speaker

Model: AEPJS-1

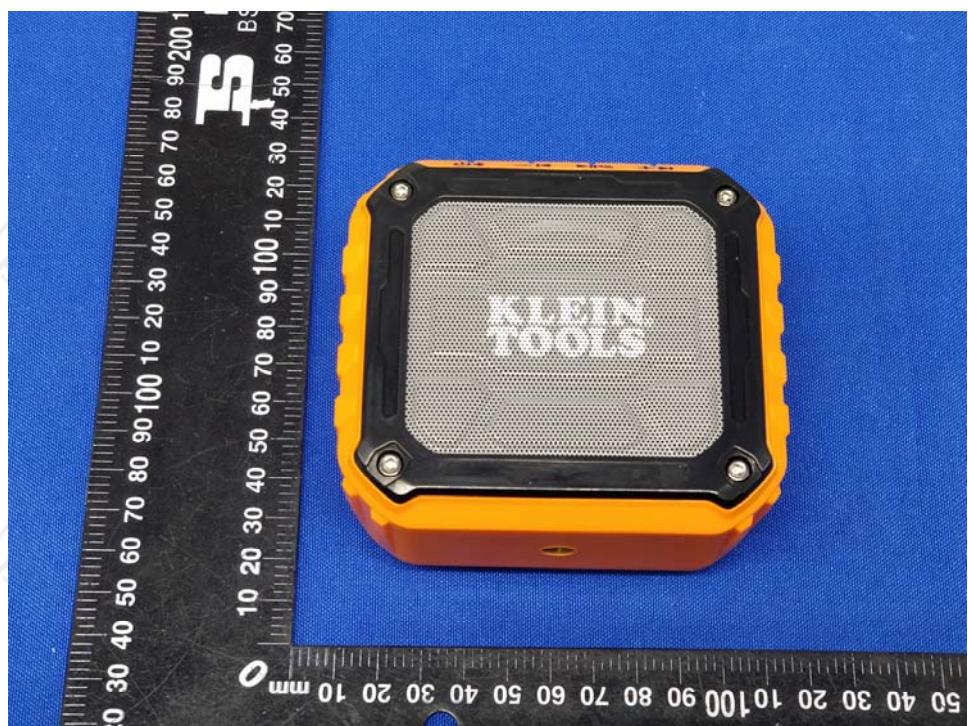
Radiated Emission

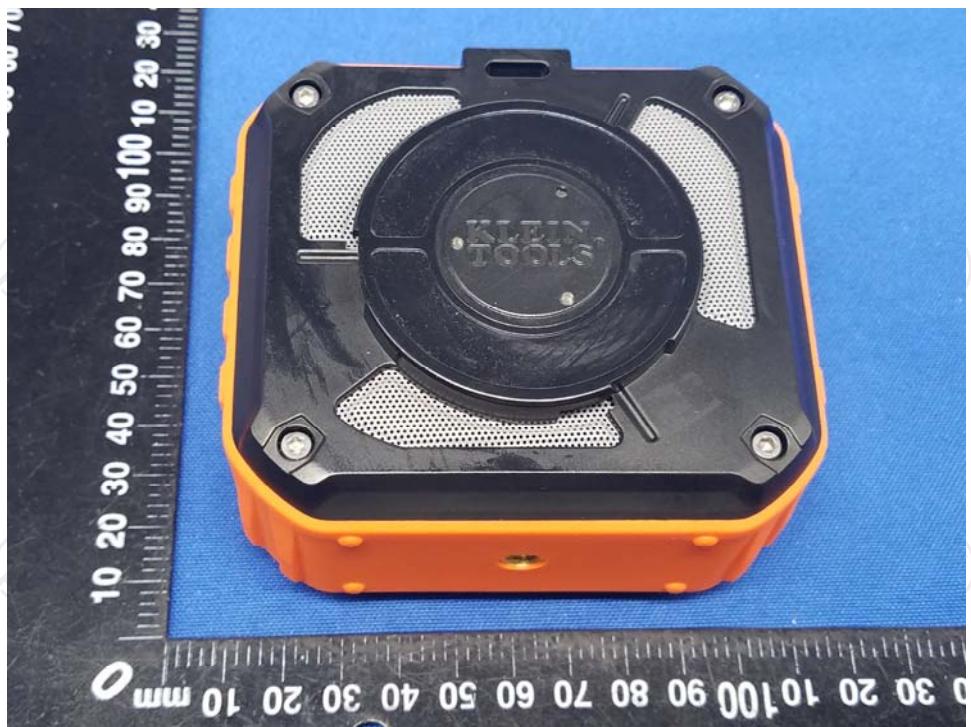


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Appendix C: Photographs of EUT
Product: Wireless Speaker
Model: AEPJS-1
External Photos

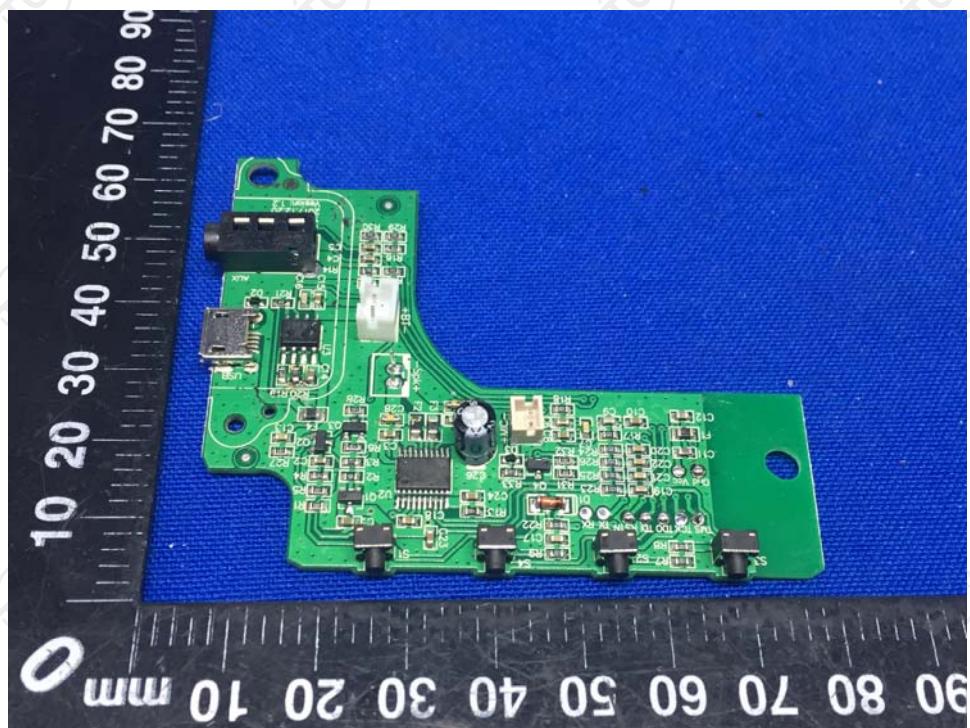


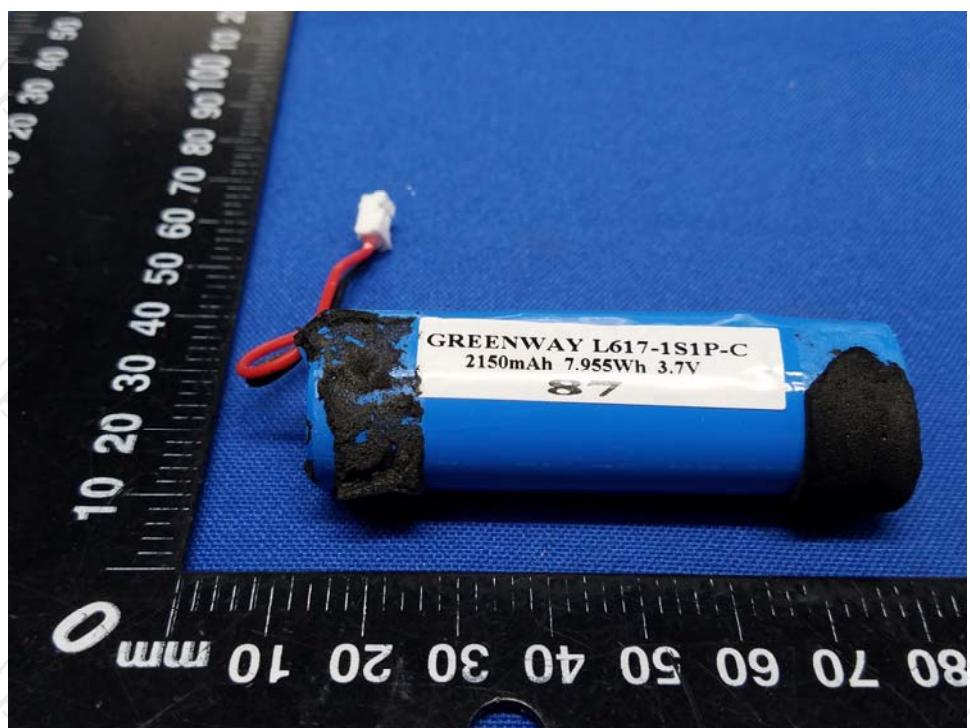
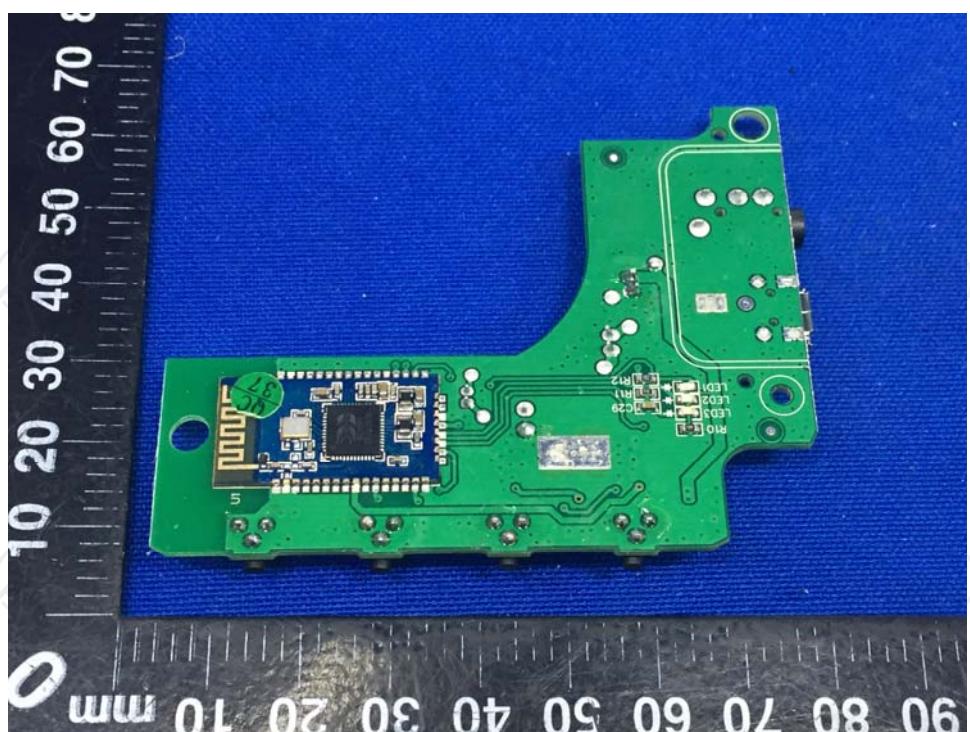


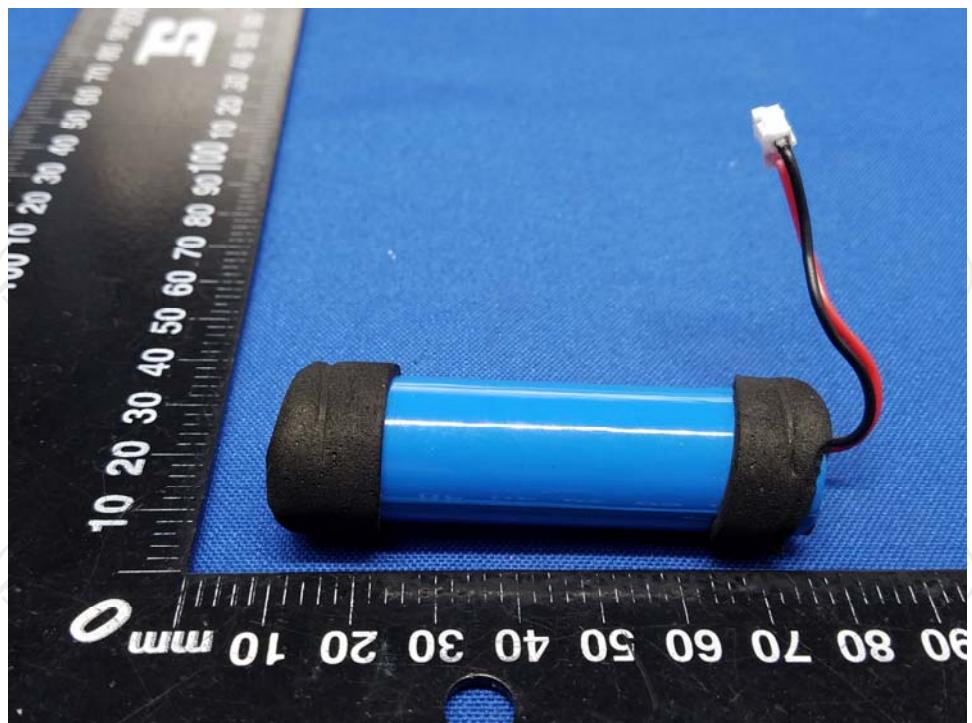




**Product: Wireless Speaker
Model: AEPJS-1
Internal Photos**







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