

Band-edge for RF Conducted Emissions

Result Table

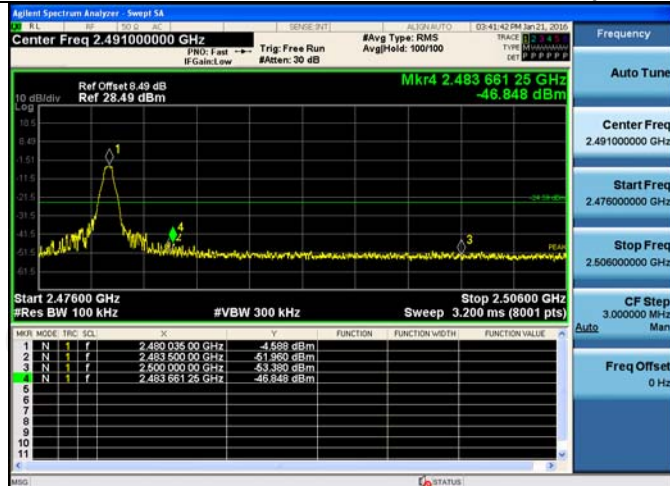
Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict
GFSK	LCH	2402	-3.767	Off	-49.669	-23.77	PASS
			-3.607	On	-48.389	-23.61	PASS
GFSK	HCH	2480	-4.588	Off	-46.848	-24.59	PASS
			-4.537	On	-50.233	-24.54	PASS
$\pi/4$ DQPSK	LCH	2402	-5.343	Off	-50.521	-25.34	PASS
			-6.468	On	-49.884	-26.47	PASS
$\pi/4$ DQPSK	HCH	2480	-10.027	Off	-44.651	-30.03	PASS
			-9.899	On	-47.332	-29.9	PASS

Test Graph

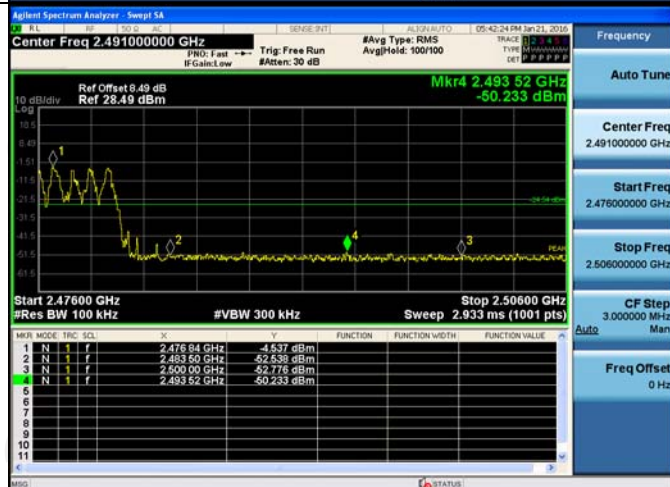
Graphs



GFSK/HCH/No Hop



GFSK/HCH/Hop



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



$\pi/4$ DQPSK/LCH/Hop



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



$\pi/4$ DQPSK/HCH/Hop

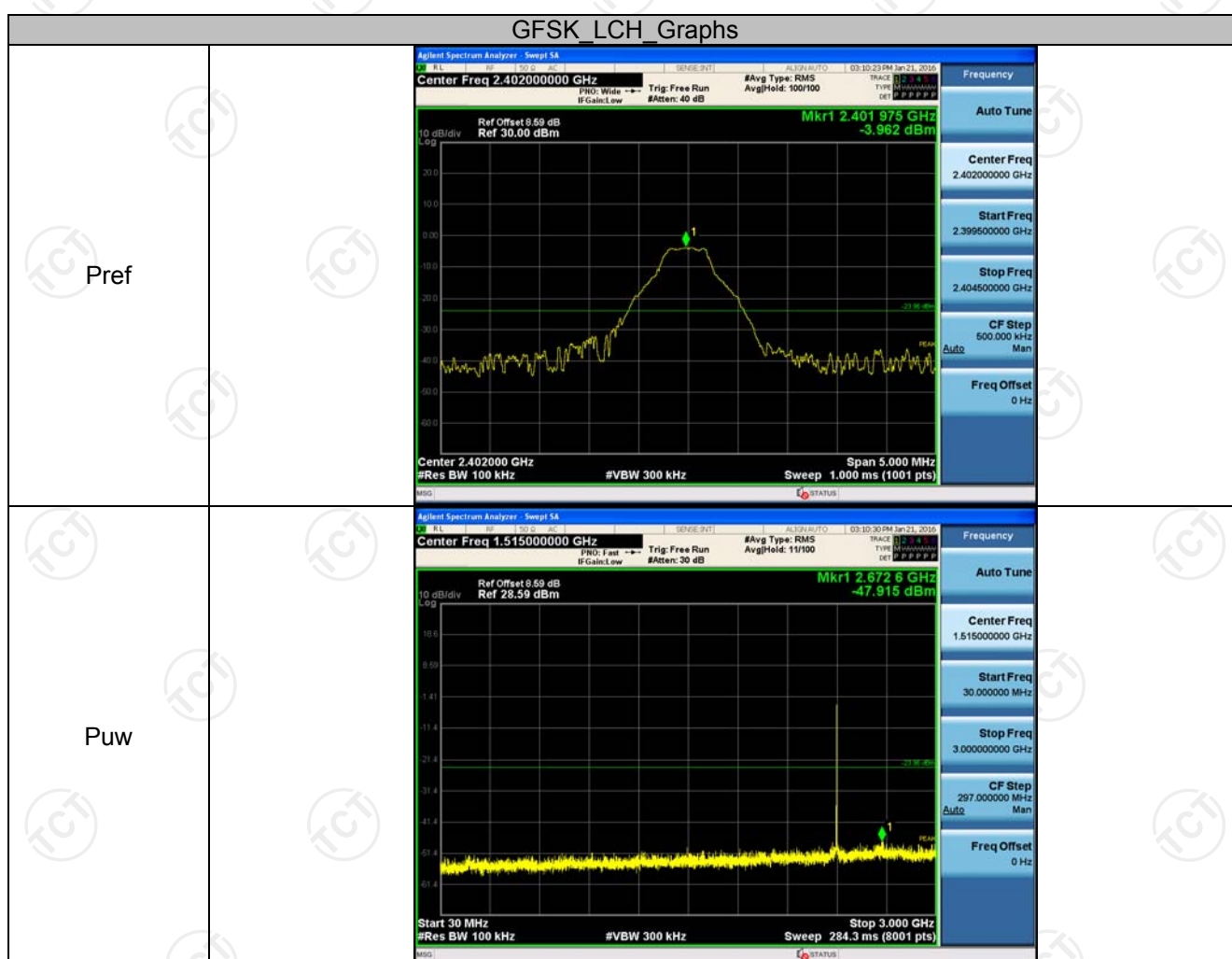


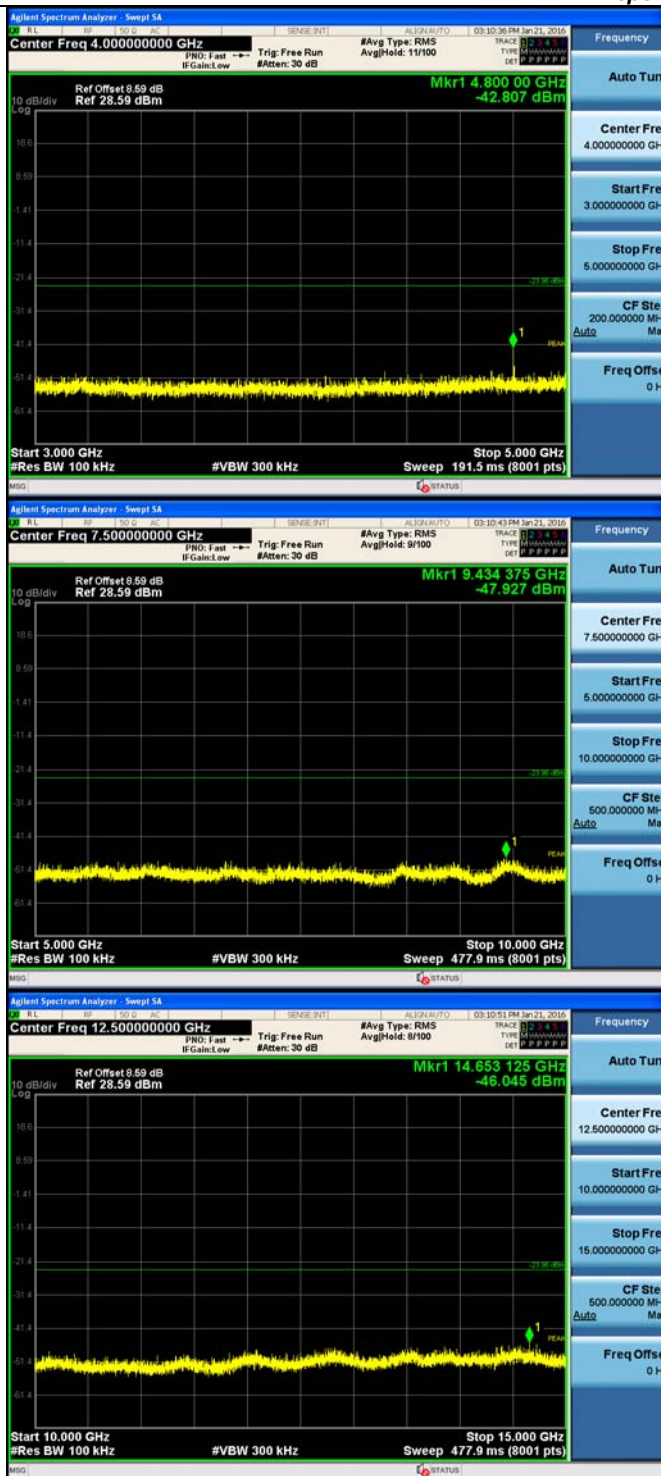
RF Conducted Spurious Emissions

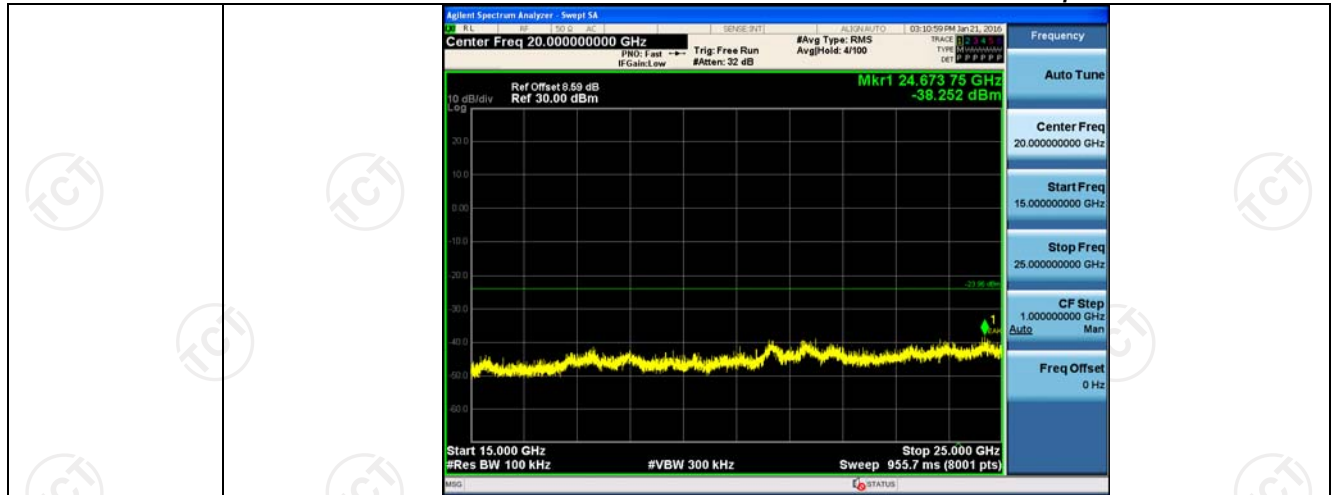
Result Table

Mode	Channel	Pref [dBm]	Puw[dBm]	Verdict
GFSK	LCH	-3.962	<Limit	PASS
GFSK	MCH	-4.727	<Limit	PASS
GFSK	HCH	-4.709	<Limit	PASS
$\pi/4$ DQPSK	LCH	-7.529	<Limit	PASS
$\pi/4$ DQPSK	MCH	-6.901	<Limit	PASS
$\pi/4$ DQPSK	HCH	-6.998	<Limit	PASS

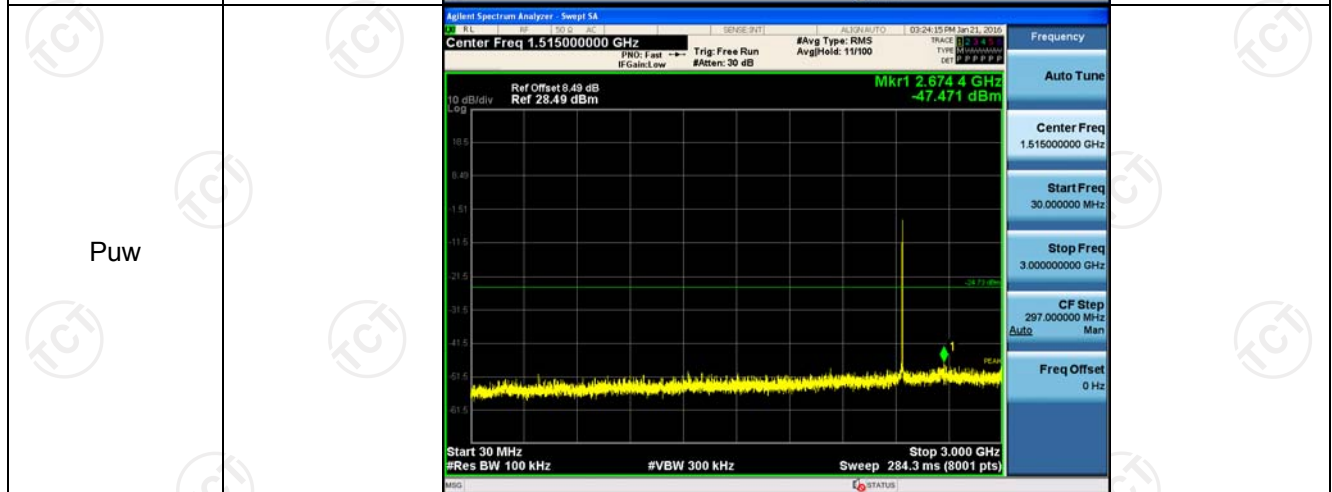
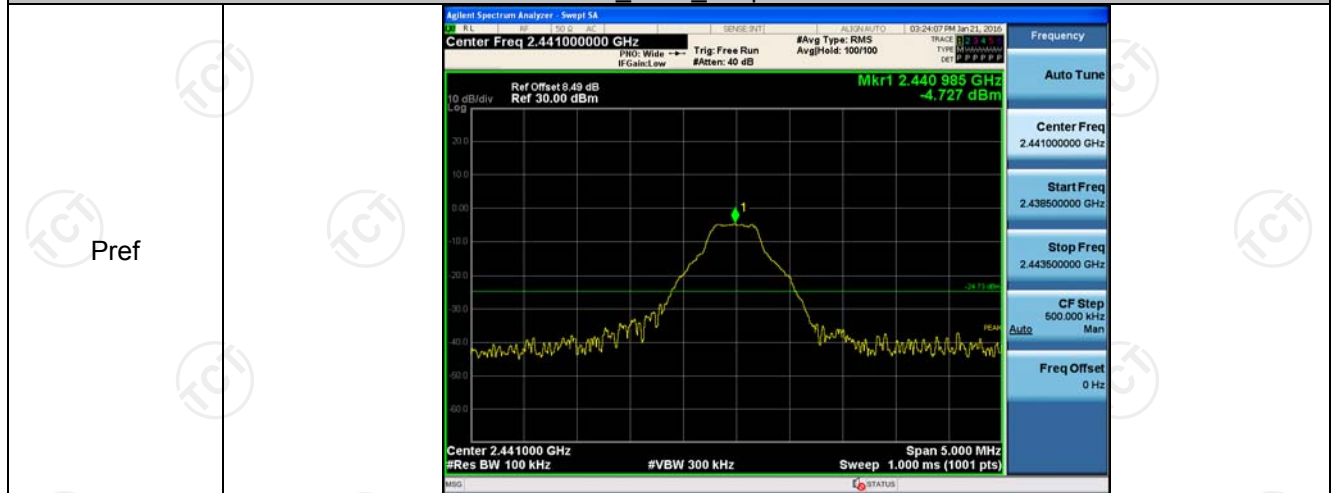
Test Graph

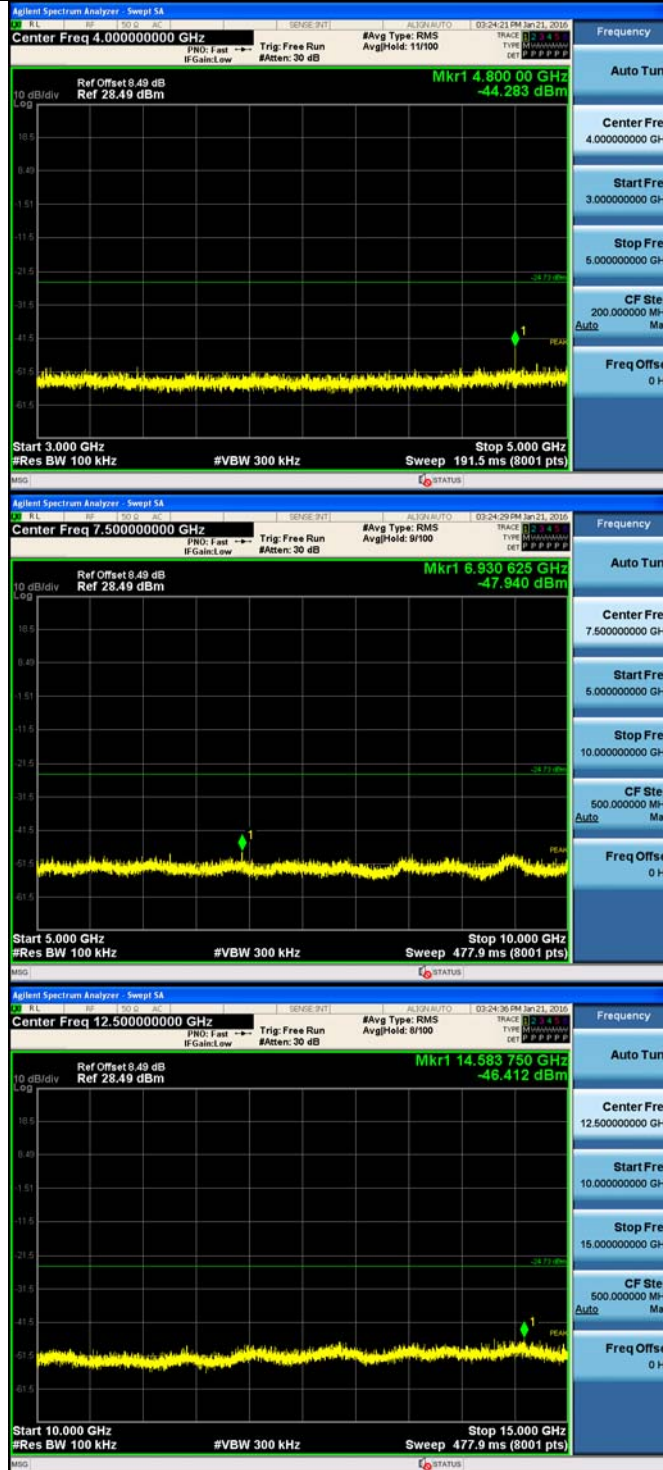


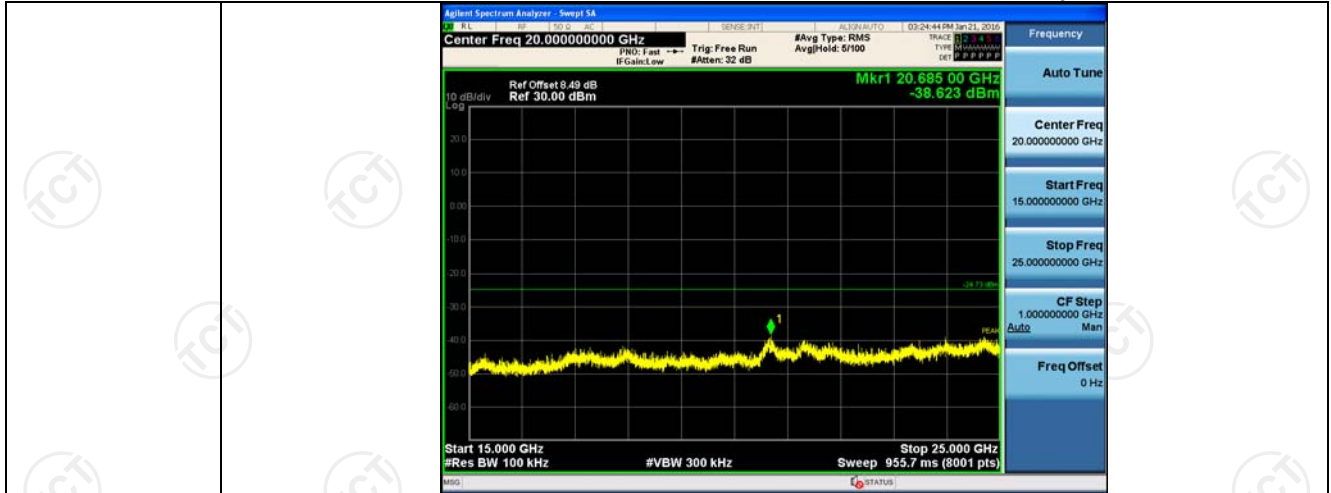




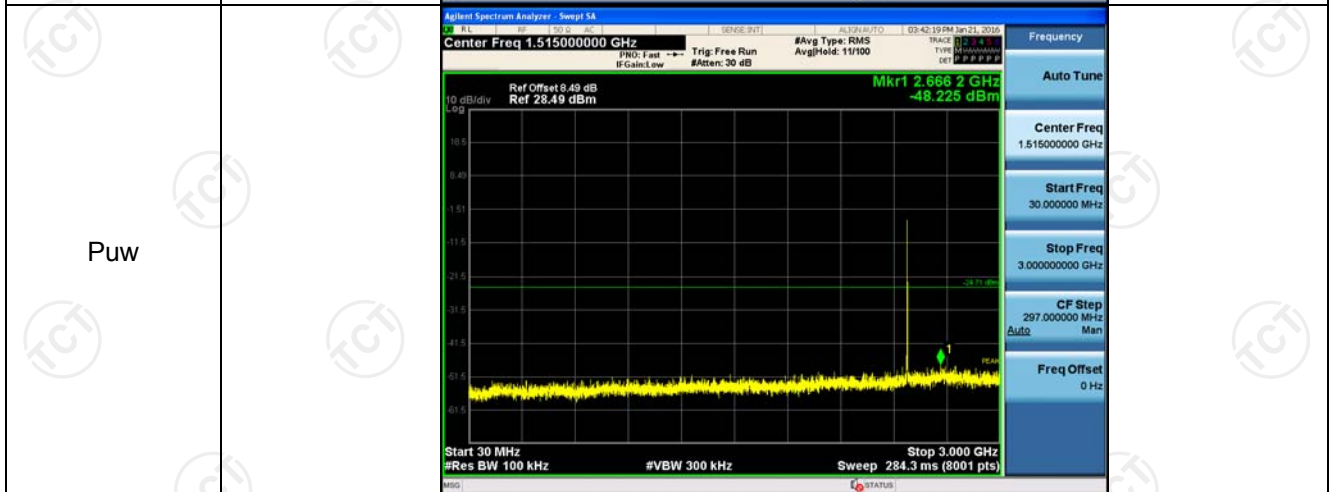
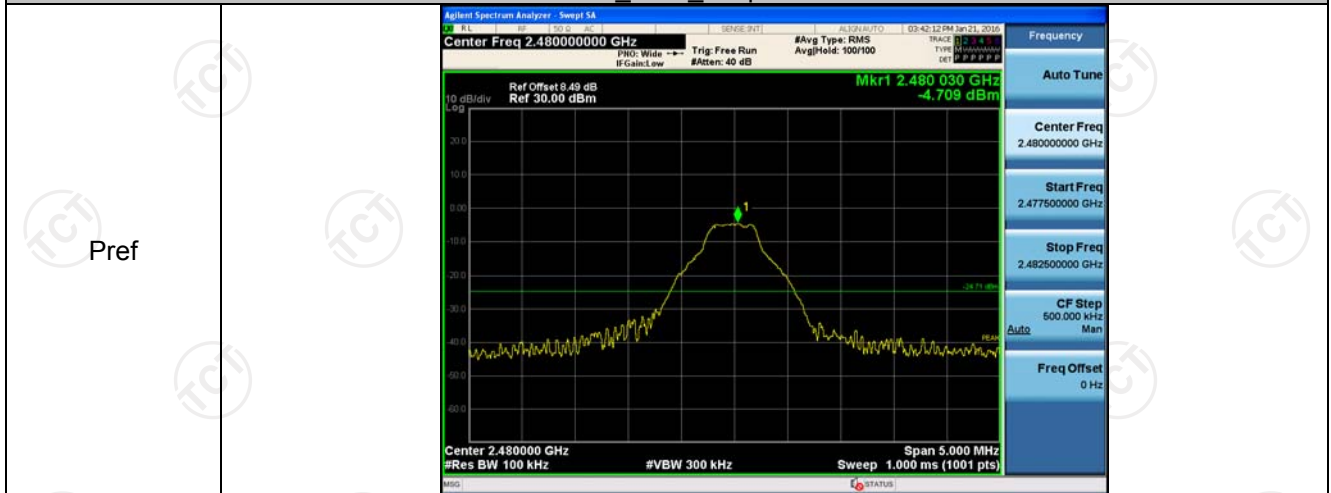
GFSK_MCH_Graphs

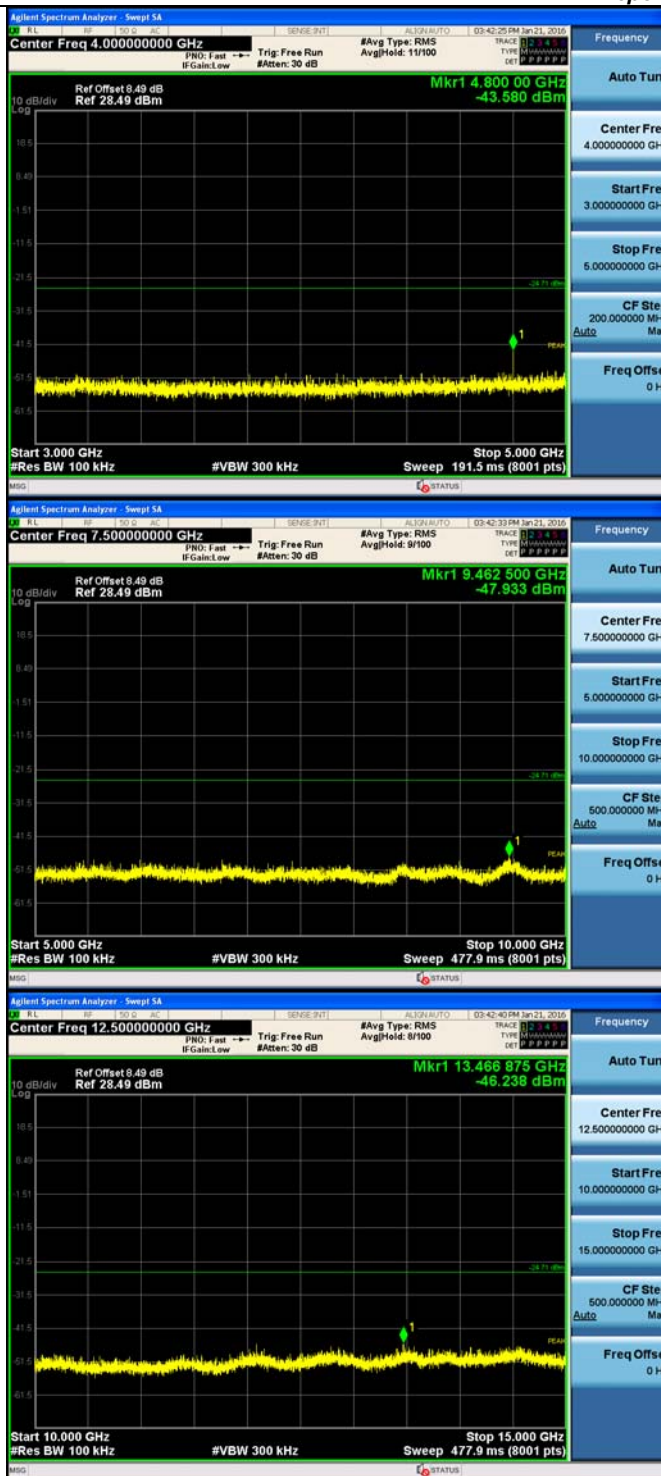


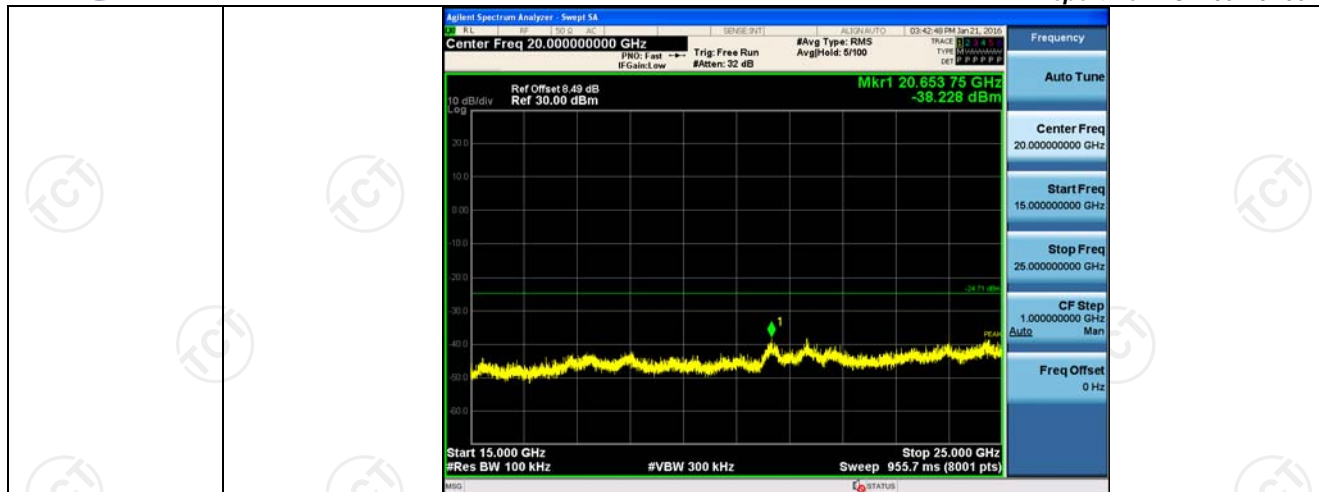




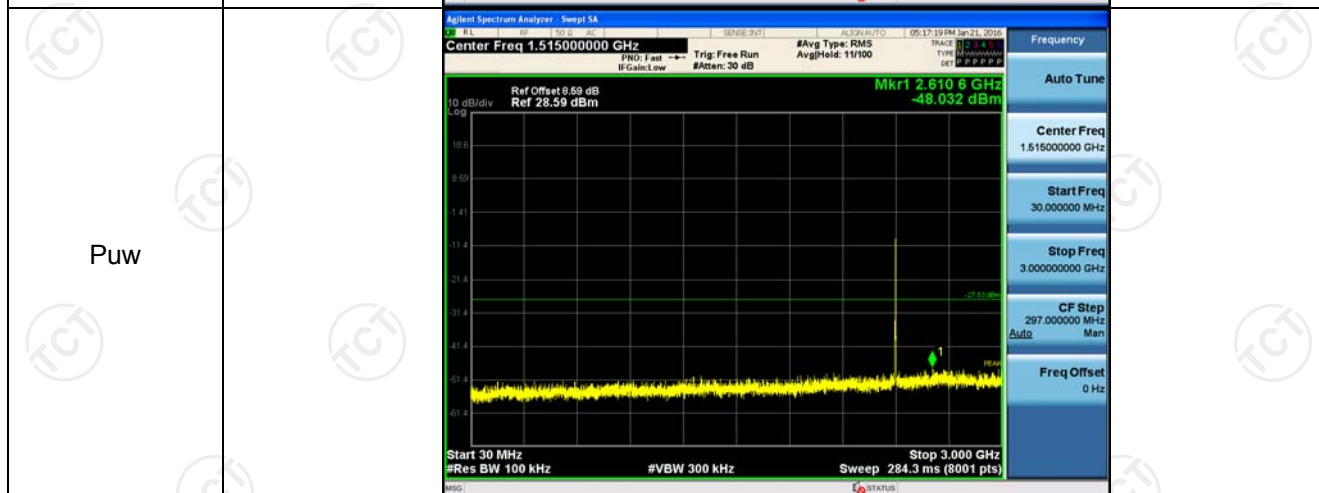
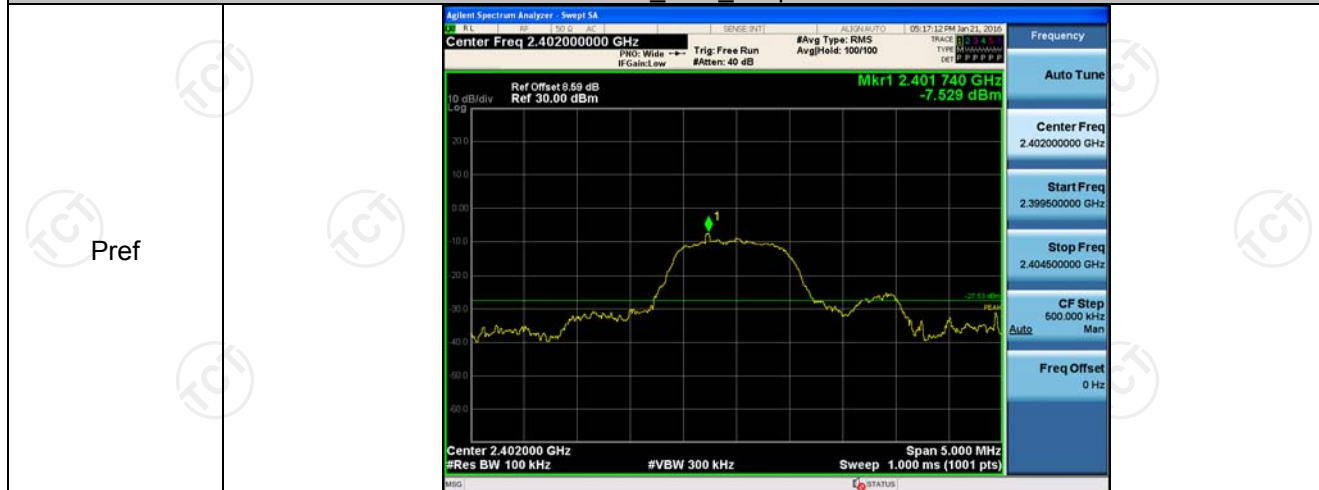
GFSK HCH_Graphs

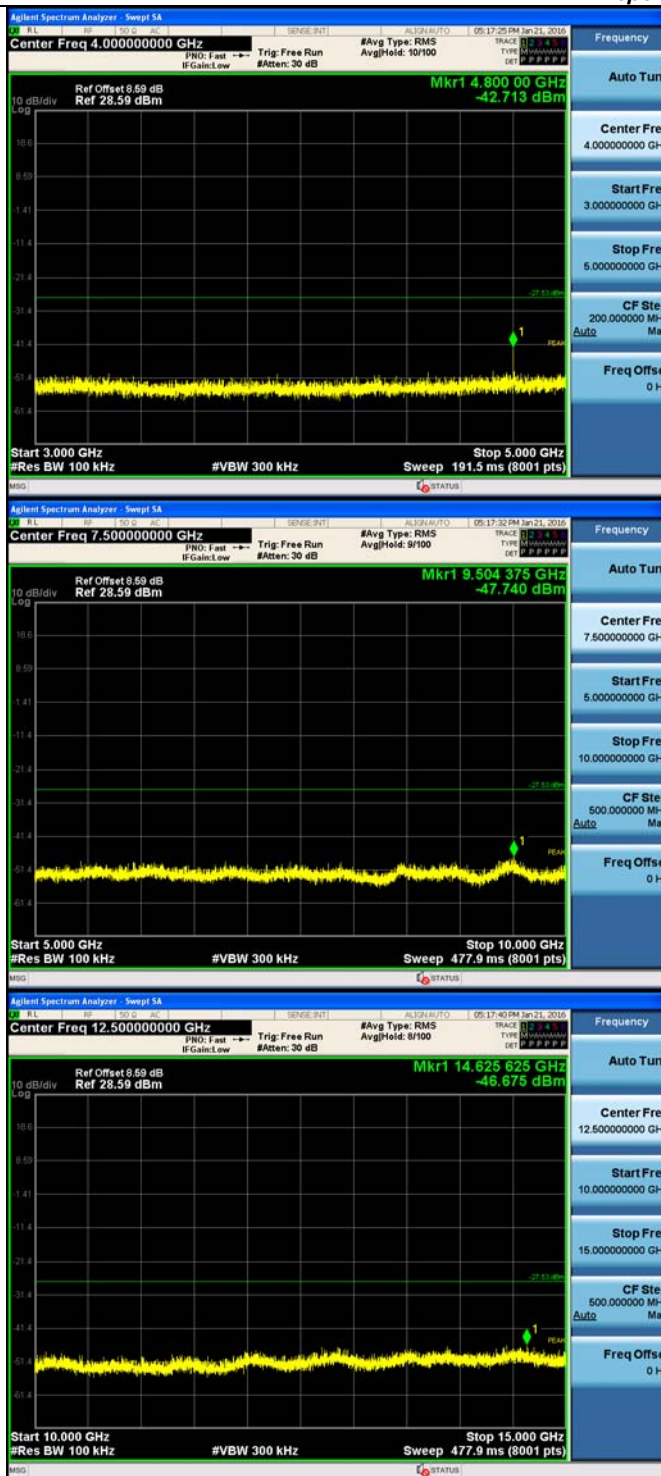


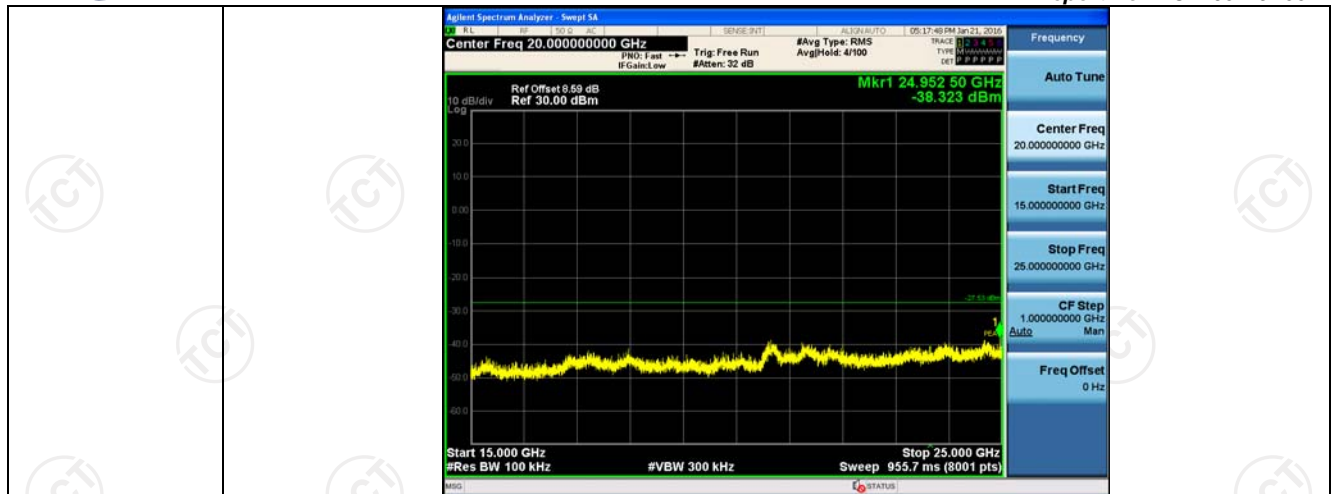




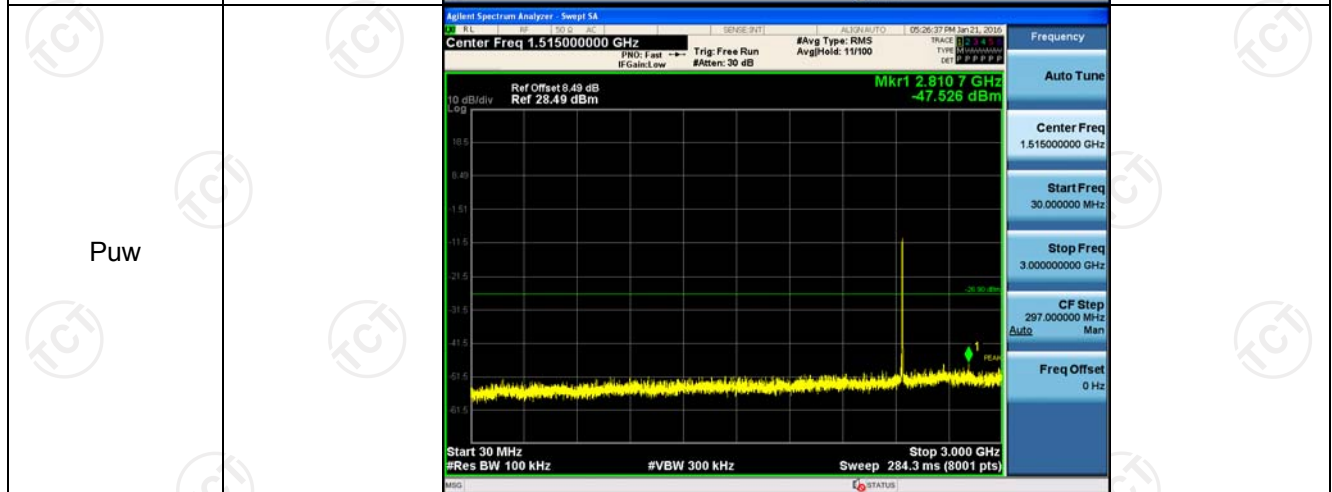
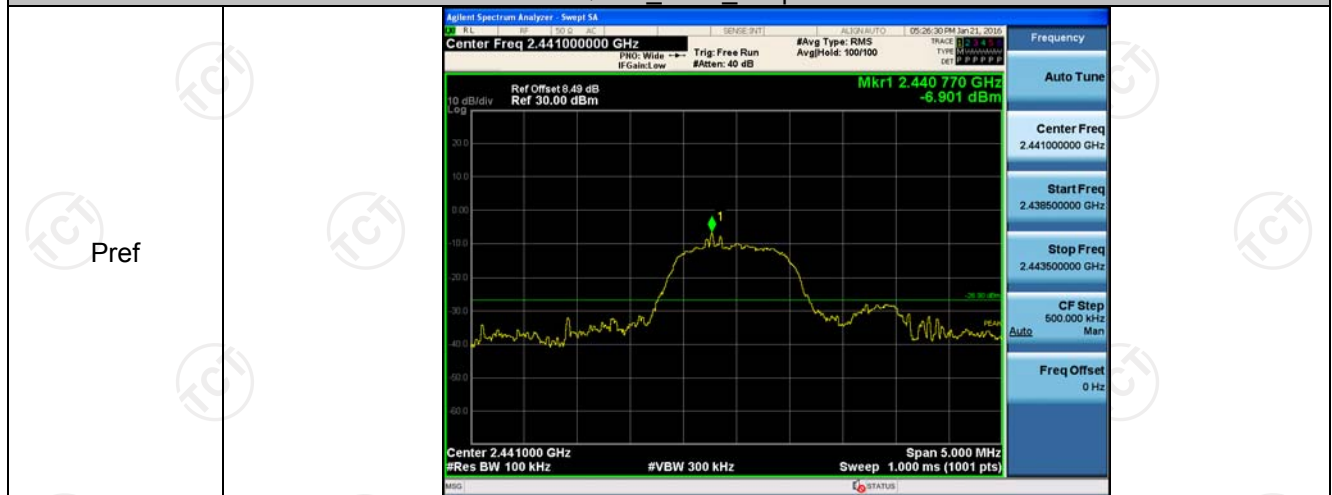
$\pi/4$ DQPSK LCH_Graphs

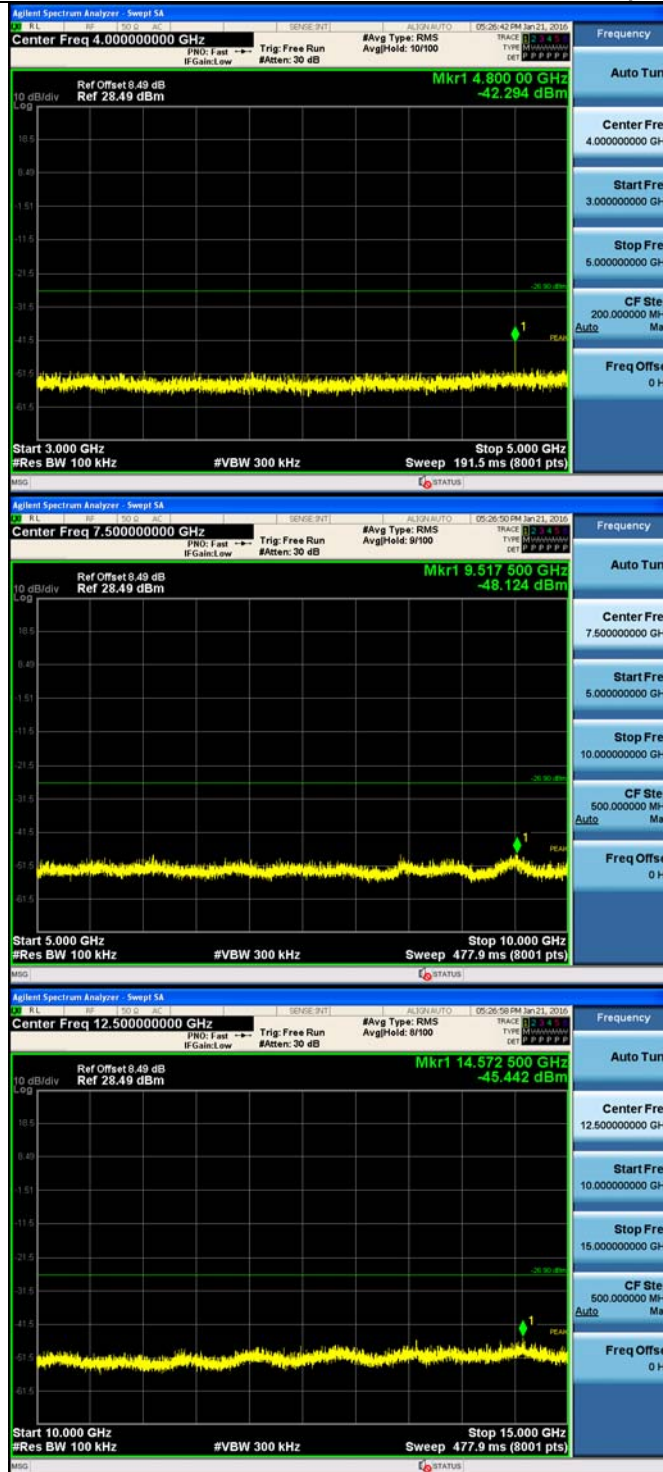


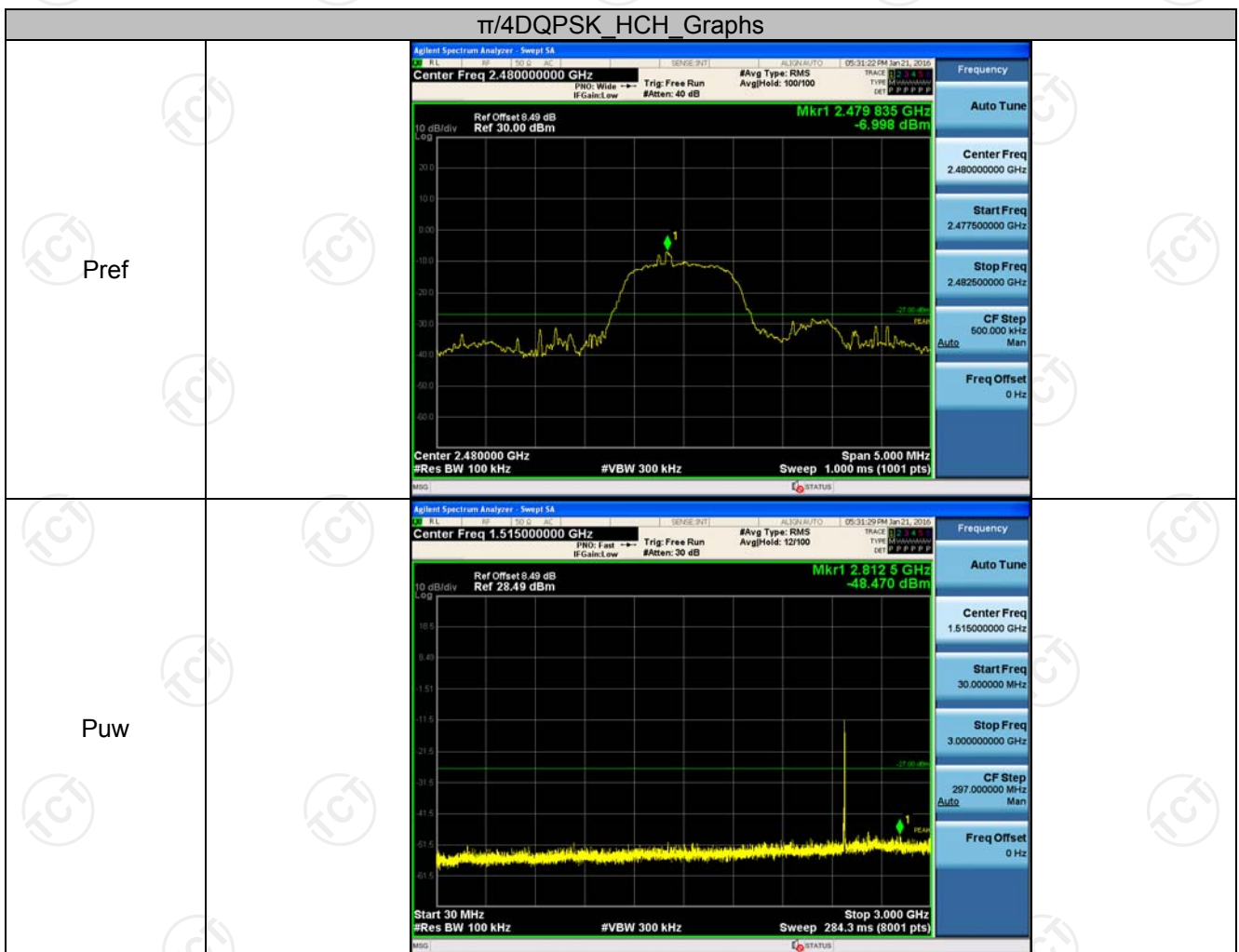
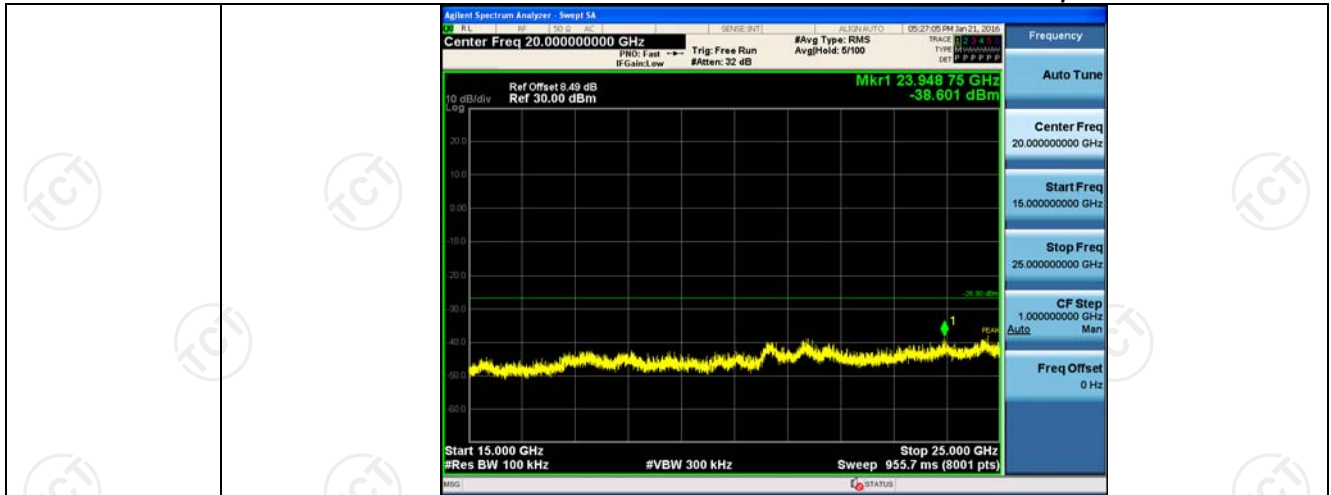


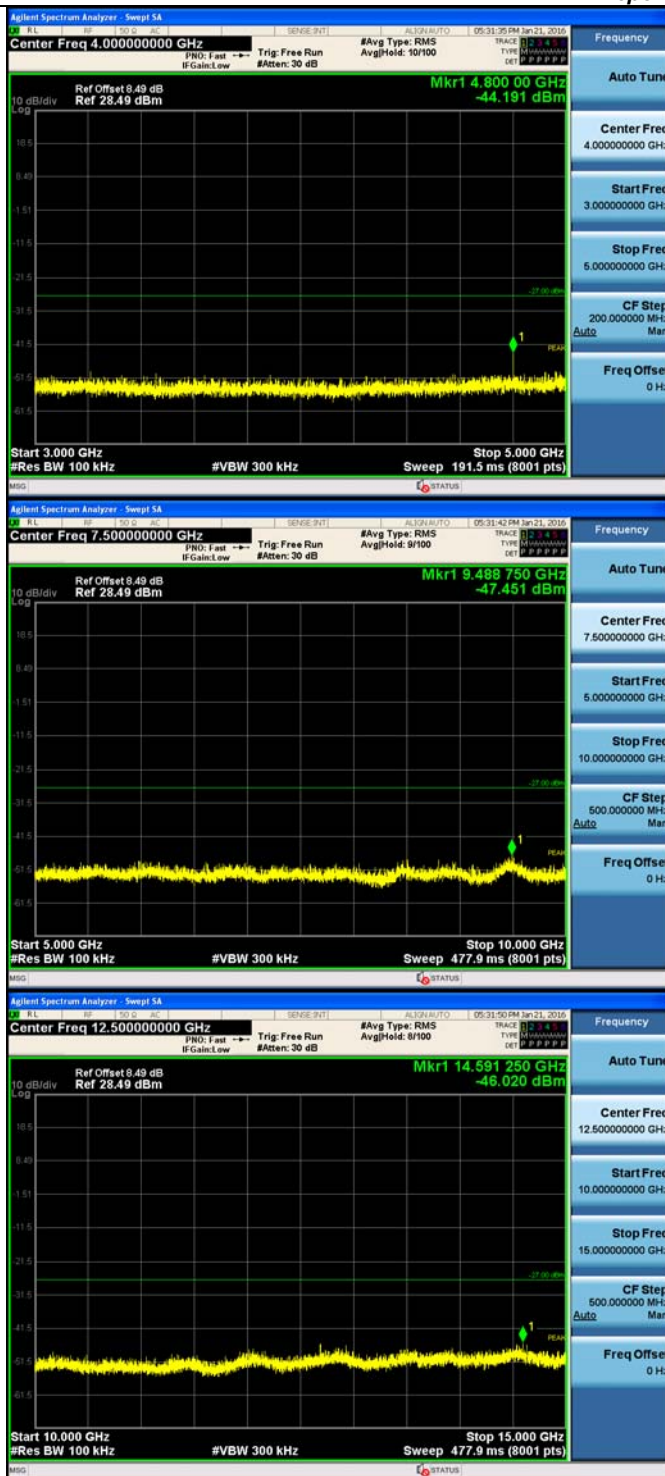


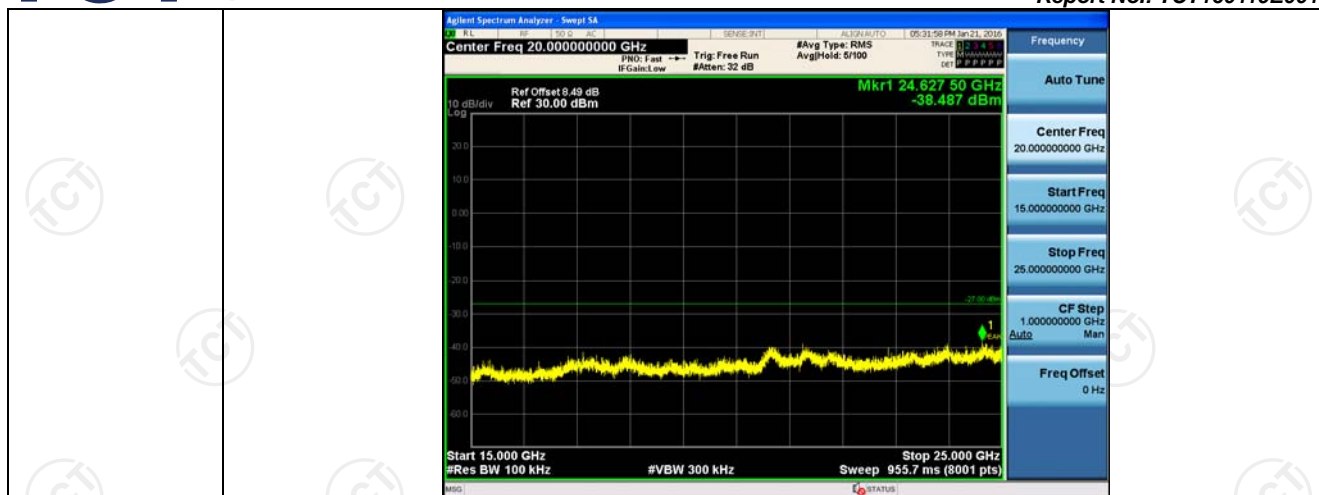
$\pi/4$ DQPSK_MCH_Graphs











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

Appendix B: Photographs of Test Setup

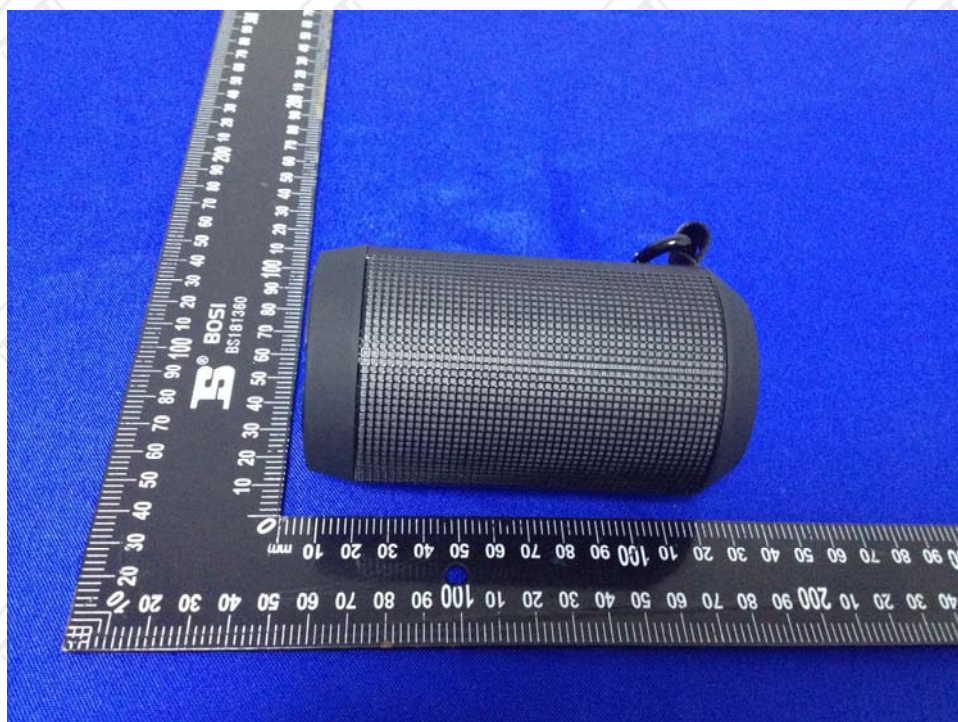
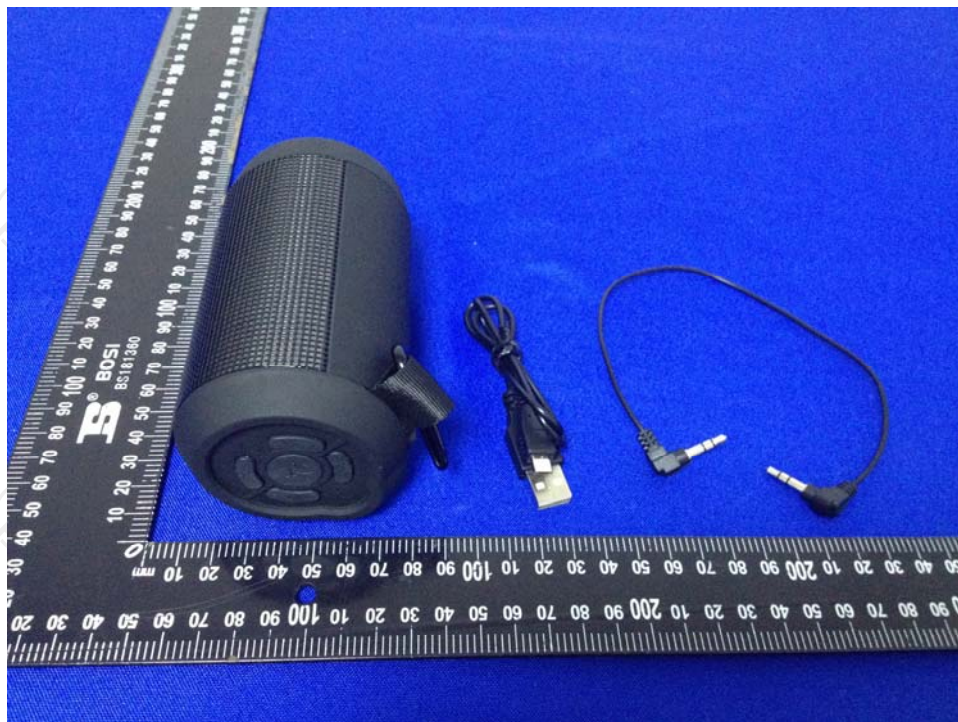
Radiated Emission

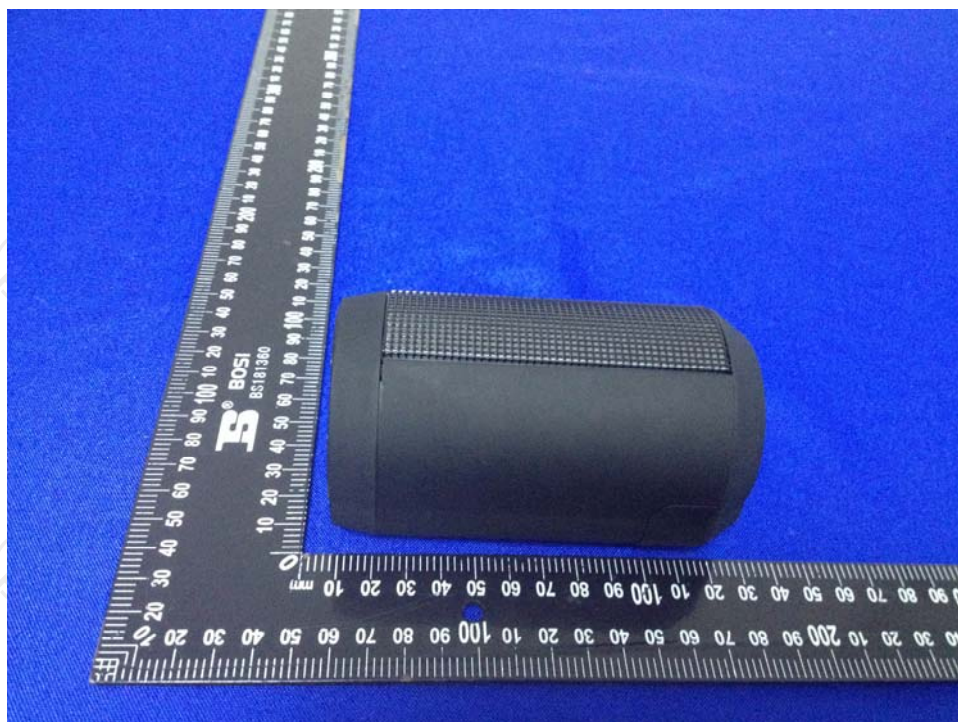


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Appendix C: Photographs of EUT
Model: CQL1529-B
External Photos









Model: CQL1529-B
Internal Photos

