

Conducted Peak Output Power

Result Table

Mode	Channel.	Maximum Peak Output Power [dBm]	Verdict
GFSK	LCH	0.265	PASS
GFSK	MCH	-2.001	PASS
GFSK	HCH	-2.972	PASS
$\pi/4$ DQPSK	LCH	-1.009	PASS
$\pi/4$ DQPSK	MCH	-2.825	PASS
$\pi/4$ DQPSK	HCH	-3.683	PASS
8DPSK	LCH	-0.807	PASS
8DPSK	MCH	-2.583	PASS
8DPSK	HCH	-3.118	PASS

Test Graph



GFSK/HCH



$\pi/4$ DQPSK/LCH



$\pi/4$ DQPSK/MCH



π/4DQPSK/HCH



8DPSK/LCH



8DPSK/MCH



8DPSK/HCH

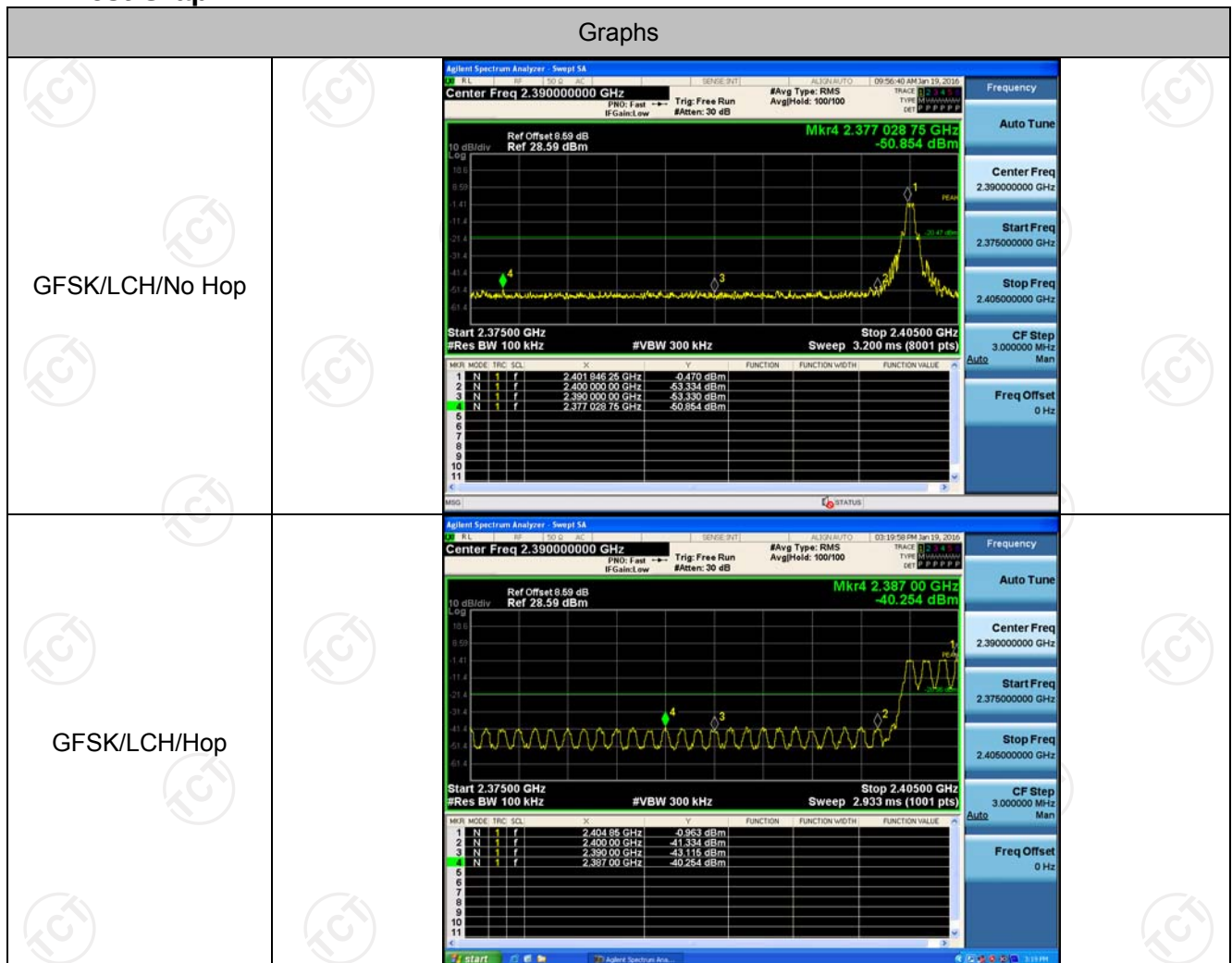


Band-edge for RF Conducted Emissions

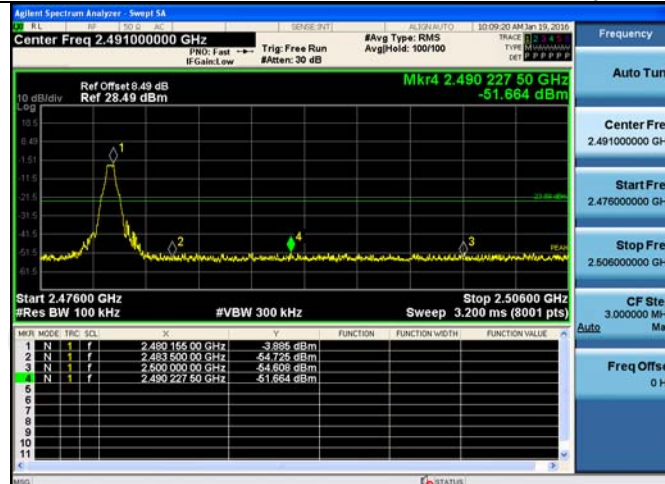
Result Table

Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict
GFSK	LCH	2402	-0.470	Off	-50.854	-20.47	PASS
			-0.963	On	-40.254	-20.96	PASS
GFSK	HCH	2480	-3.885	Off	-51.664	-23.89	PASS
			-4.076	On	-44.723	-24.08	PASS
$\pi/4$ DQPSK	LCH	2402	-3.417	Off	-50.029	-23.42	PASS
			-3.071	On	-42.244	-23.07	PASS
$\pi/4$ DQPSK	HCH	2480	-6.056	Off	-50.355	-26.06	PASS
			-5.905	On	-45.688	-25.91	PASS
8DPSK	LCH	2402	-3.316	Off	-49.966	-23.32	PASS
			-2.871	On	-41.818	-22.87	PASS
8DPSK	HCH	2480	-5.548	Off	-51.030	-25.55	PASS
			-5.692	On	-45.474	-25.69	PASS

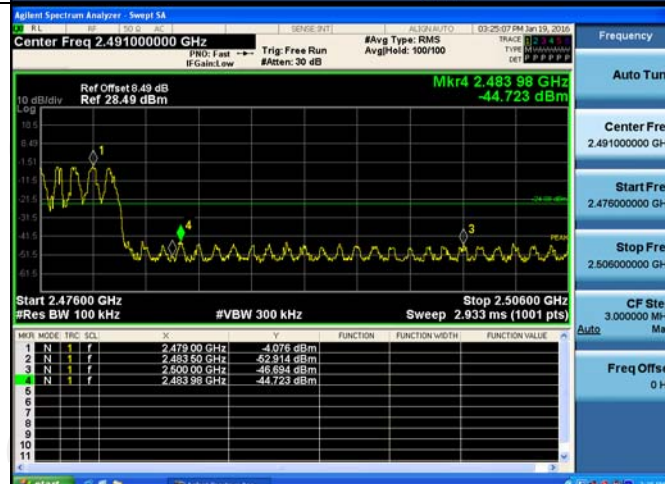
Test Graph



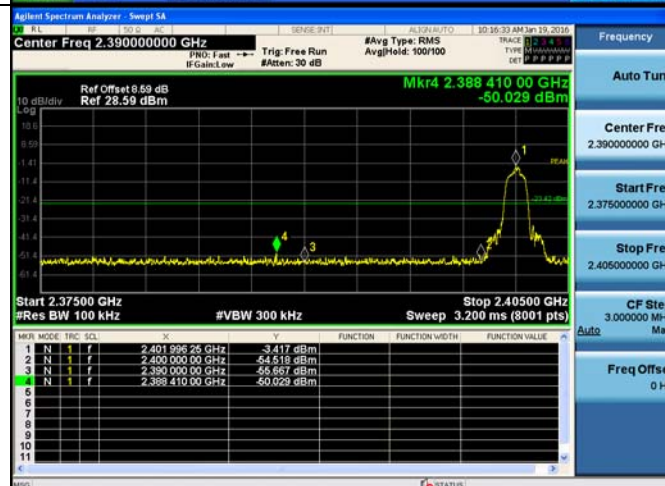
GFSK/HCH/No Hop



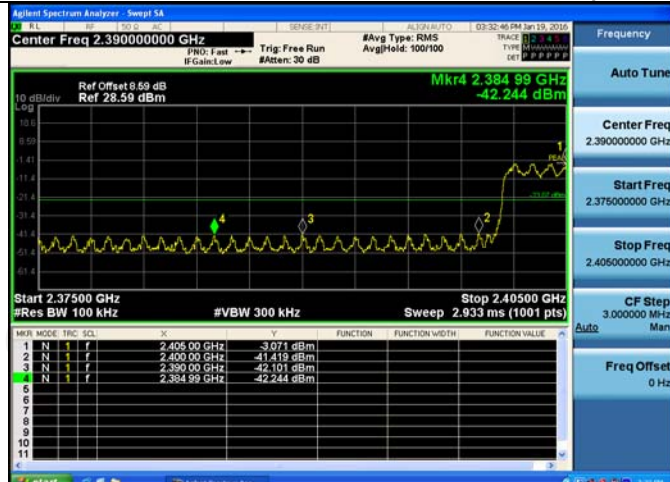
GFSK/HCH/Hop



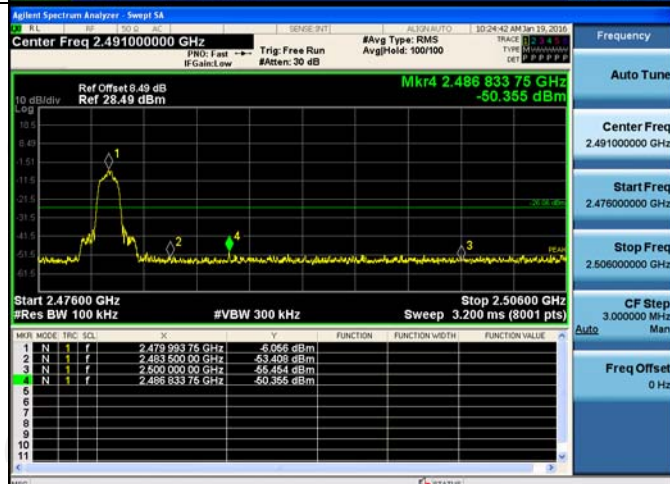
$\pi/4$ DQPSK/LCH/No Hop



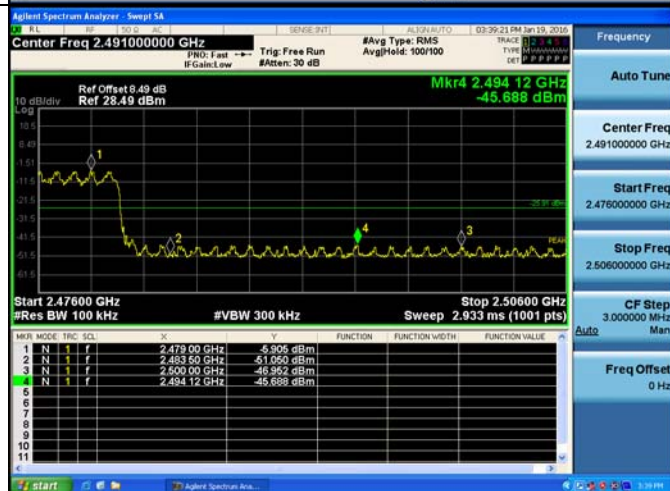
$\pi/4$ DQPSK/LCH/Hop



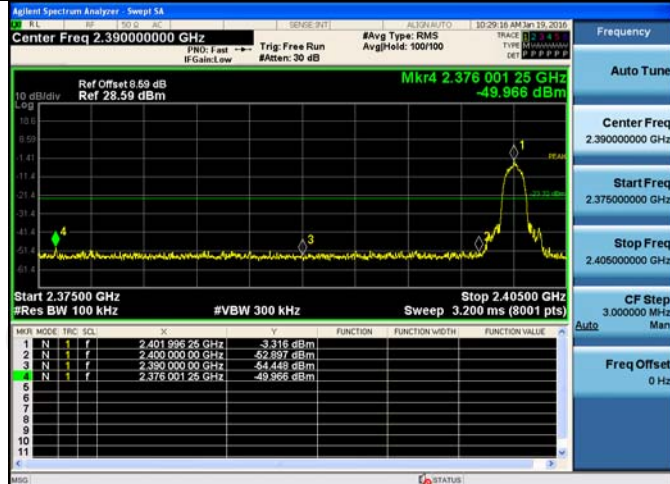
$\pi/4$ DQPSK/HCH/No Hop



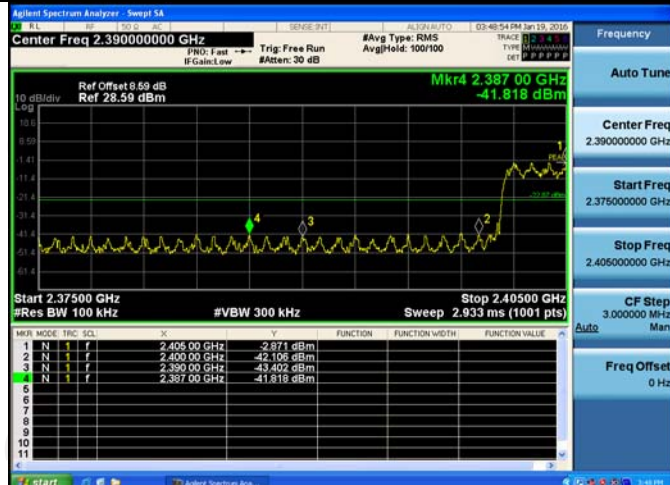
$\pi/4$ DQPSK/HCH/Hop



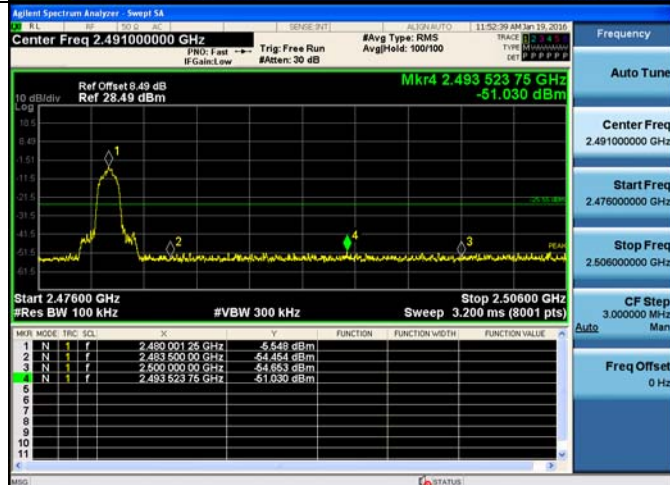
8DPSK/LCH/No Hop



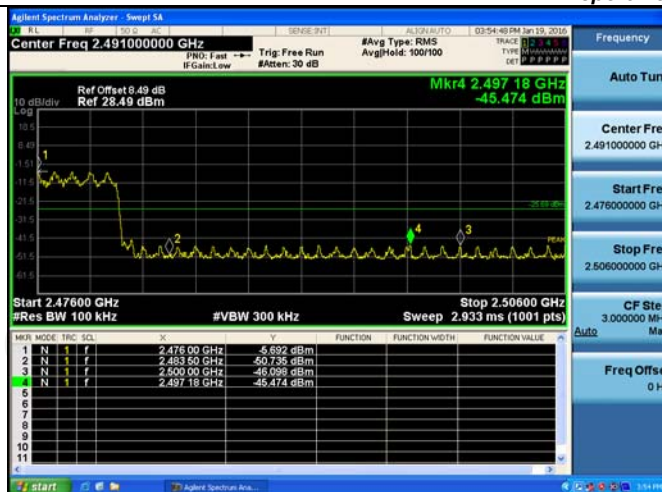
8DPSK/LCH/Hop



8DPSK/HCH/No Hop



8DPSK/HCH/Hop

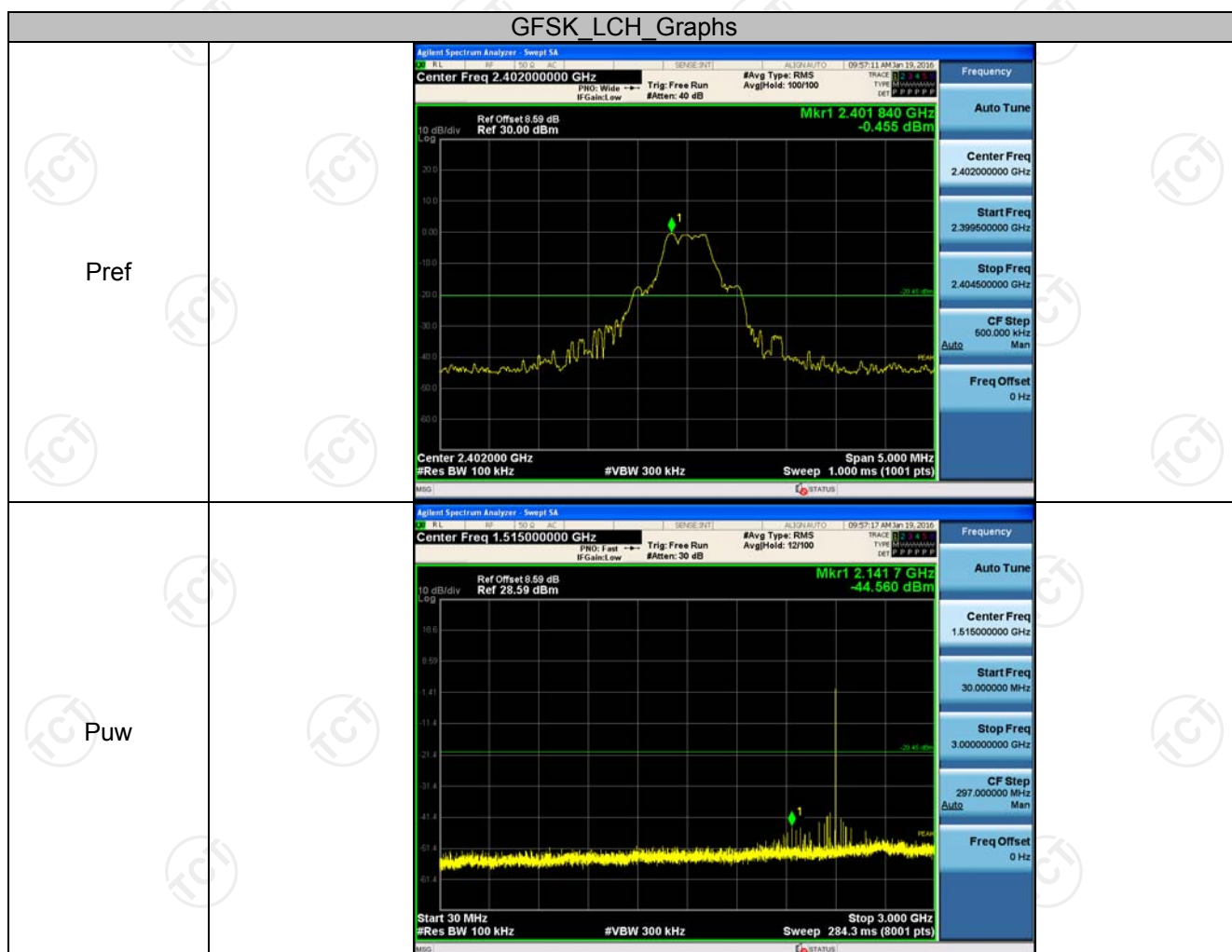


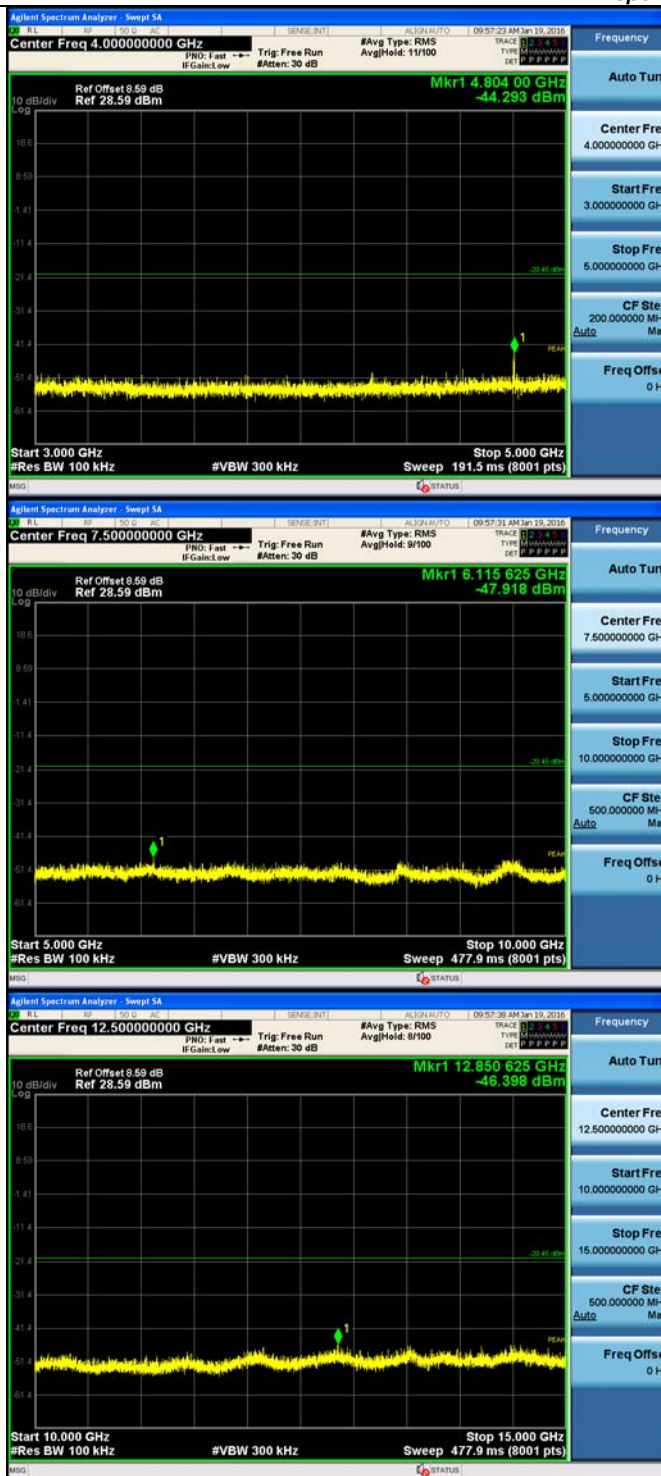
RF Conducted Spurious Emissions

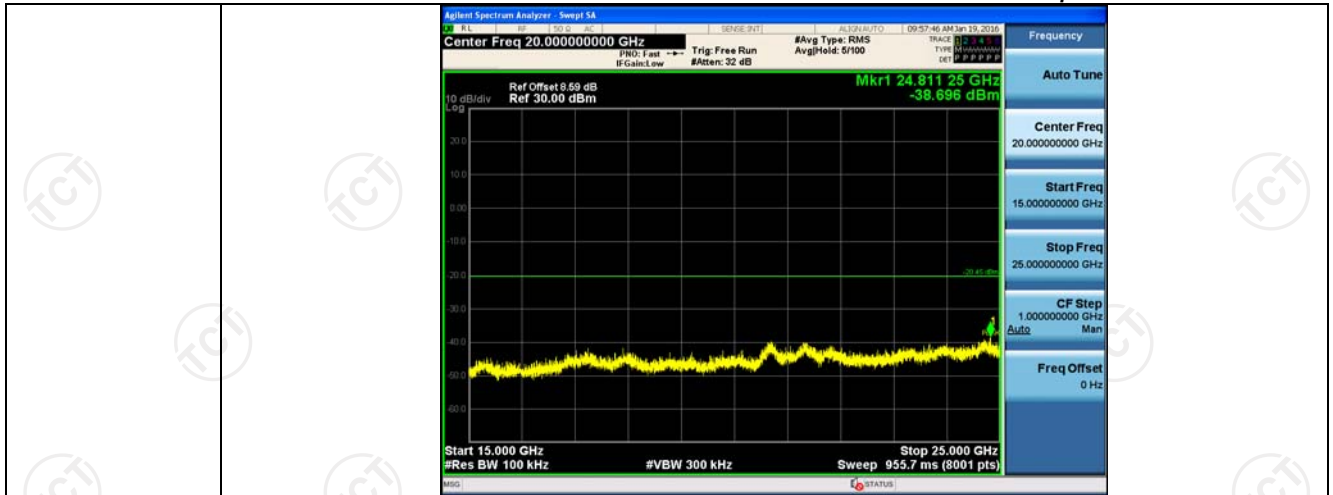
Result Table

Mode	Channel	Pref [dBm]	Puw[dBm]	Verdict
GFSK	LCH	-0.455	<Limit	PASS
GFSK	MCH	-2.956	<Limit	PASS
GFSK	HCH	-3.867	<Limit	PASS
$\pi/4$ DQPSK	LCH	-3.285	<Limit	PASS
$\pi/4$ DQPSK	MCH	-5.214	<Limit	PASS
$\pi/4$ DQPSK	HCH	-6.028	<Limit	PASS
8DPSK	LCH	-3.325	<Limit	PASS
8DPSK	MCH	-4.834	<Limit	PASS
8DPSK	HCH	-5.555	<Limit	PASS

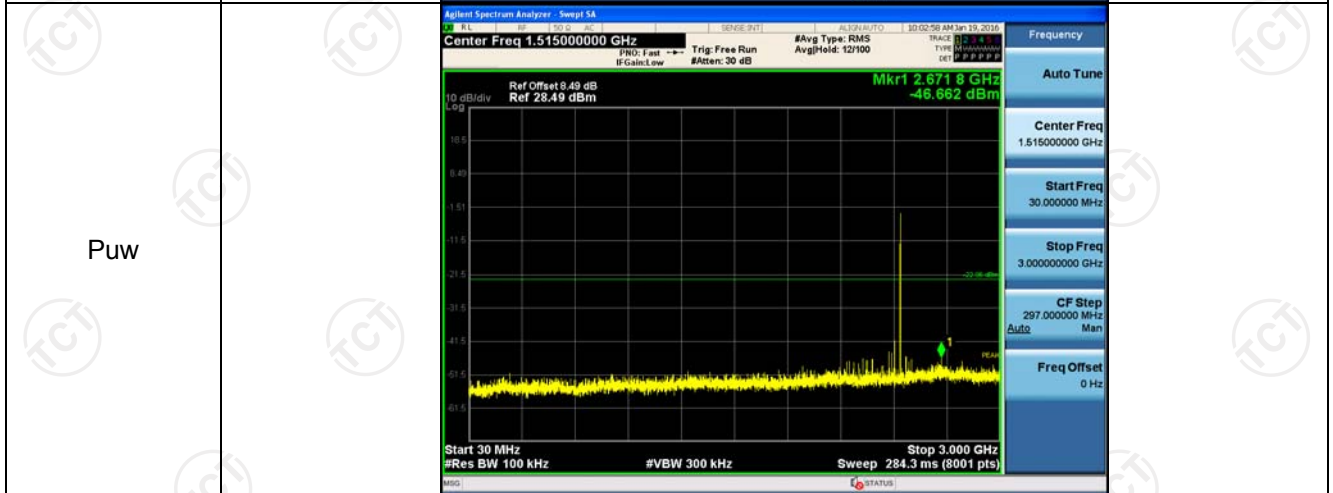
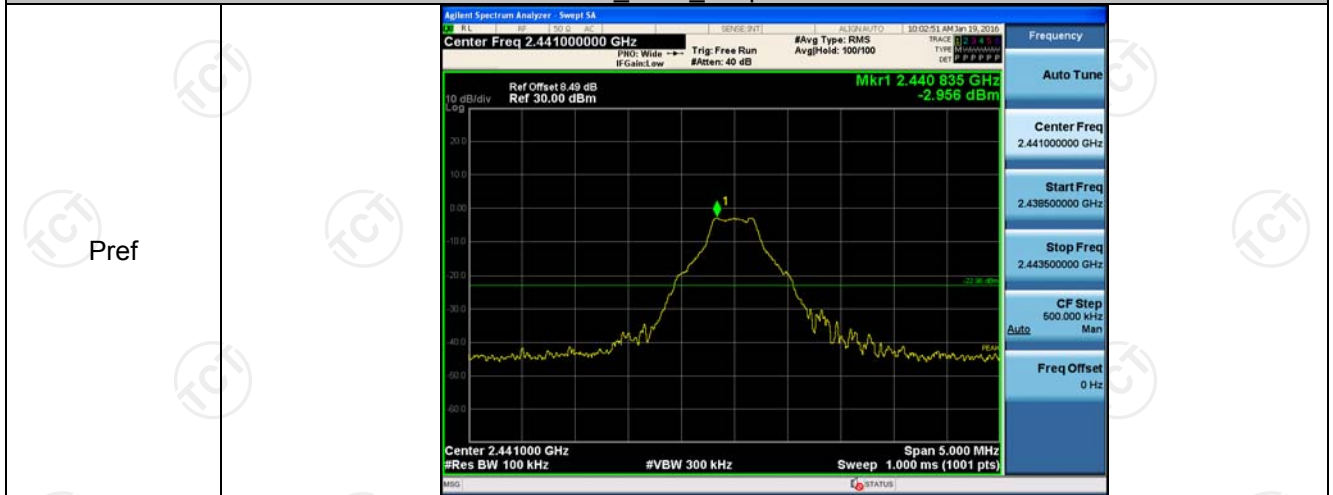
Test Graph

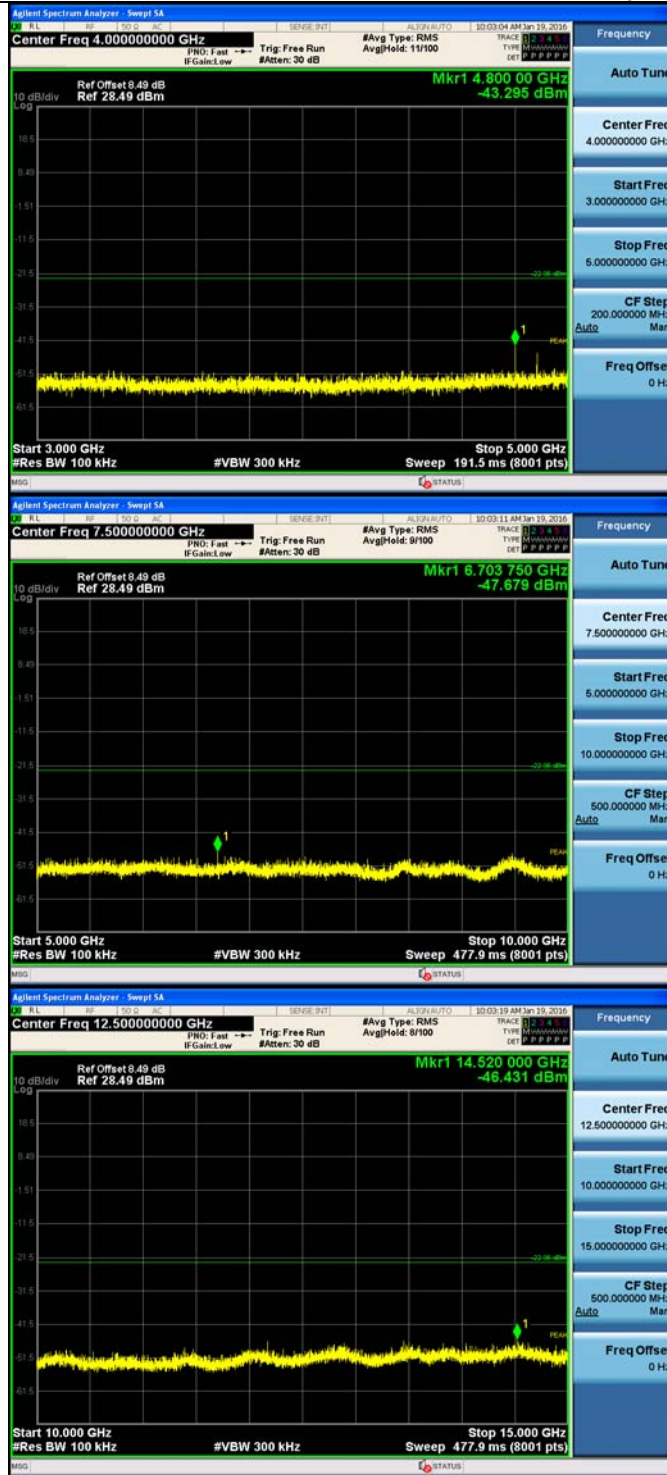


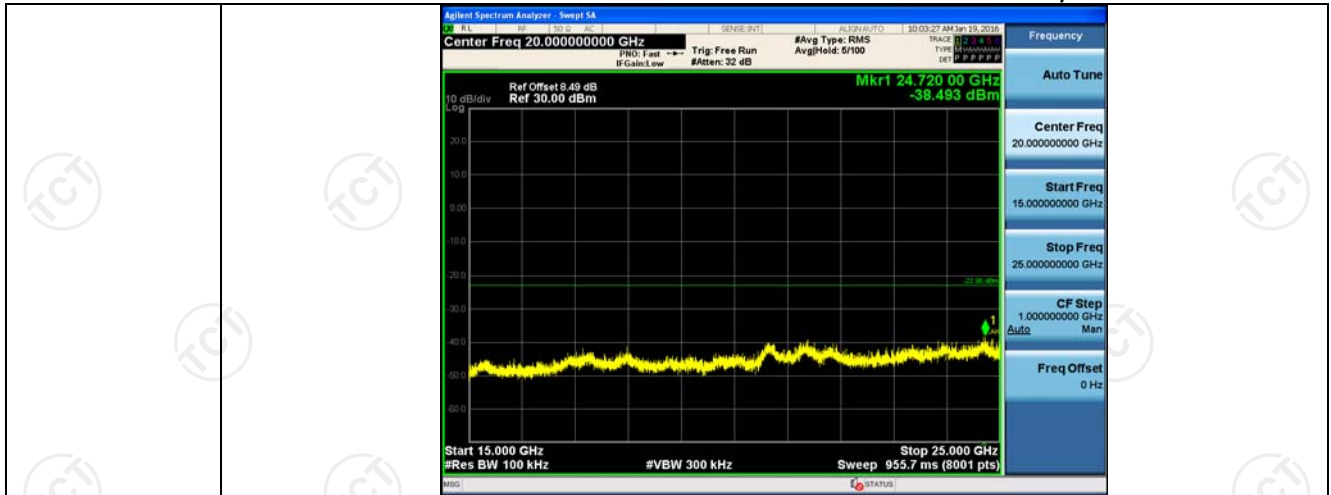




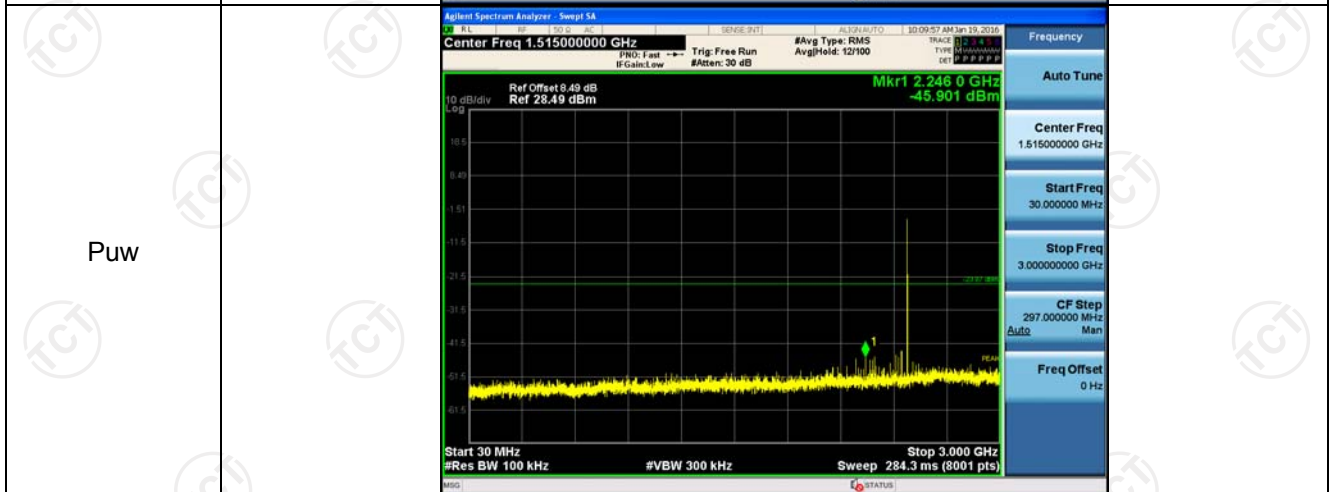
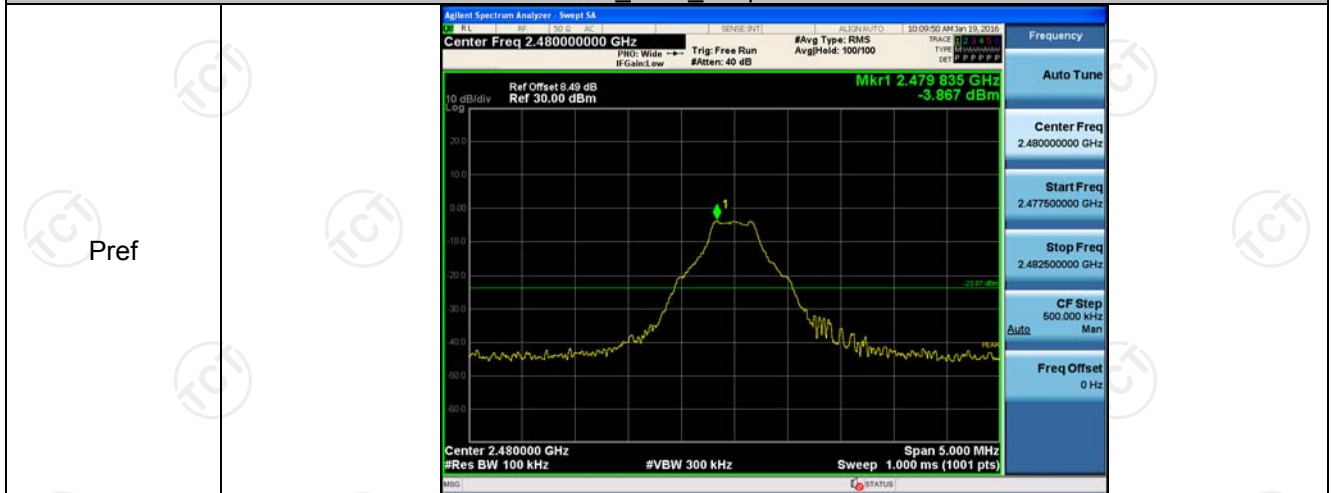
GFSK_MCH_Graphs

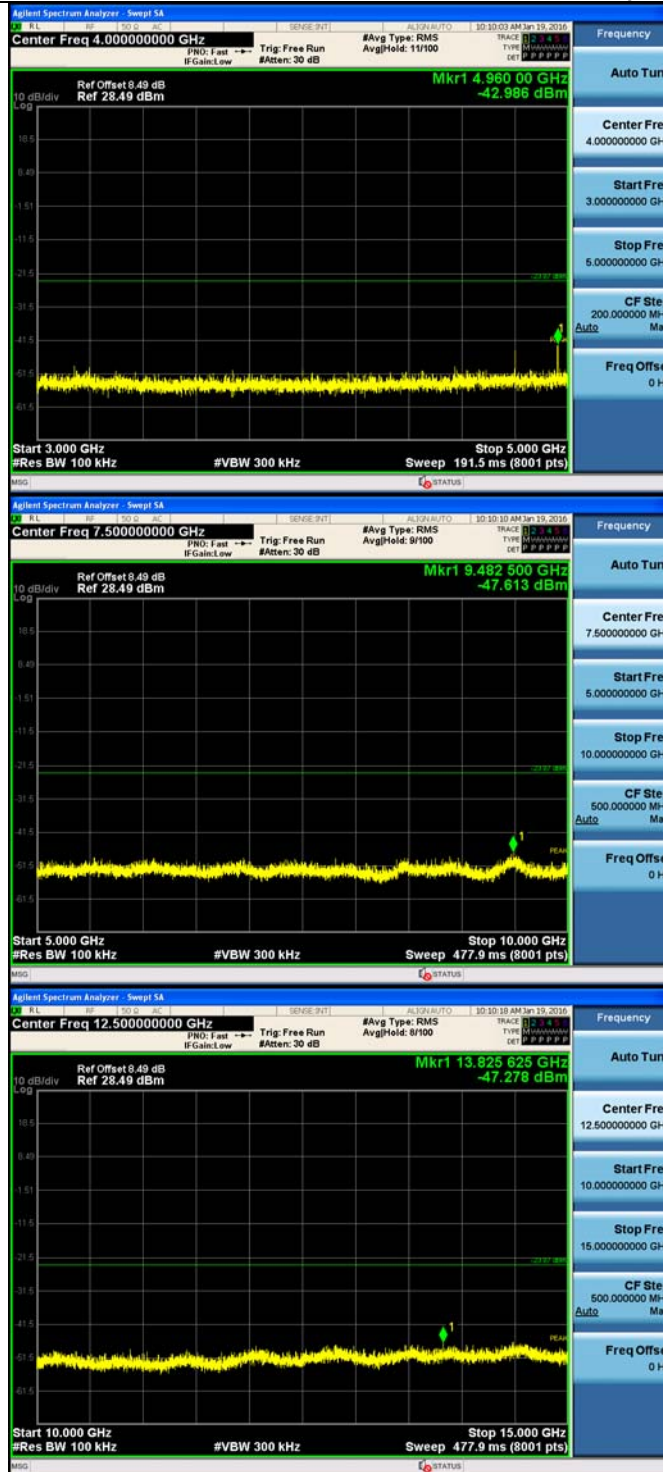


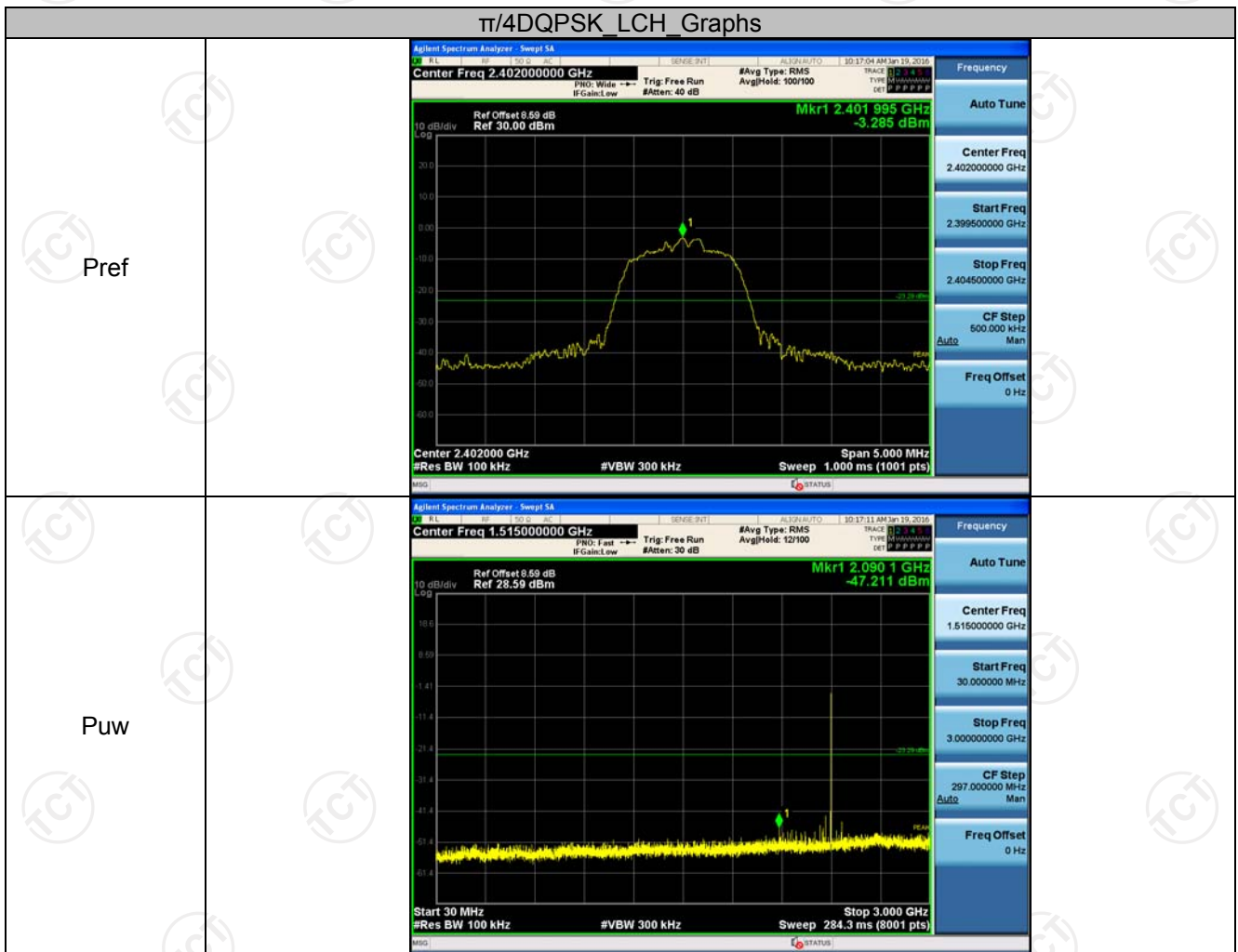
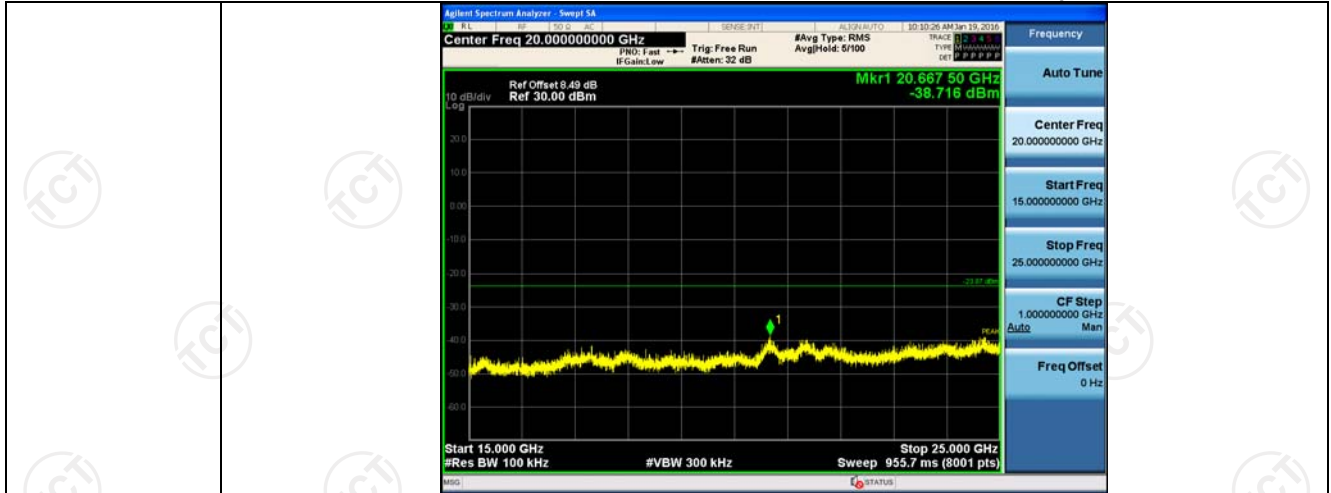


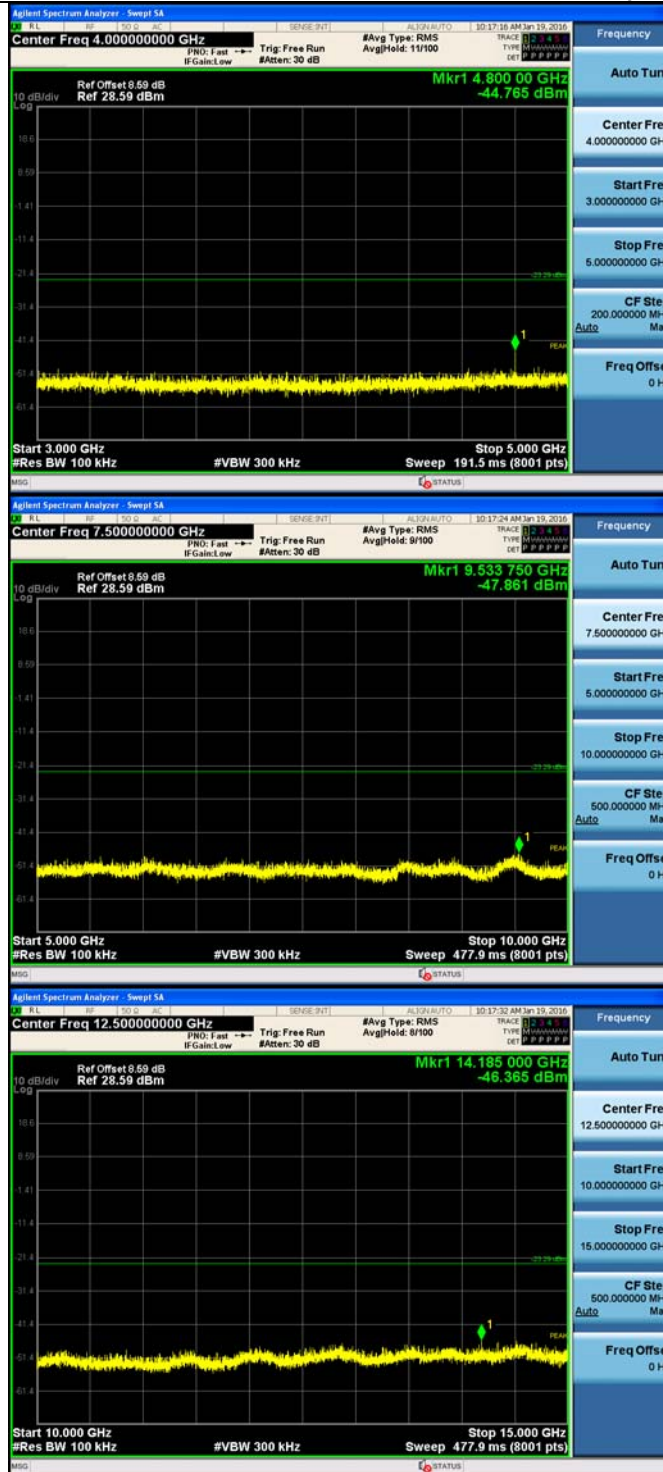


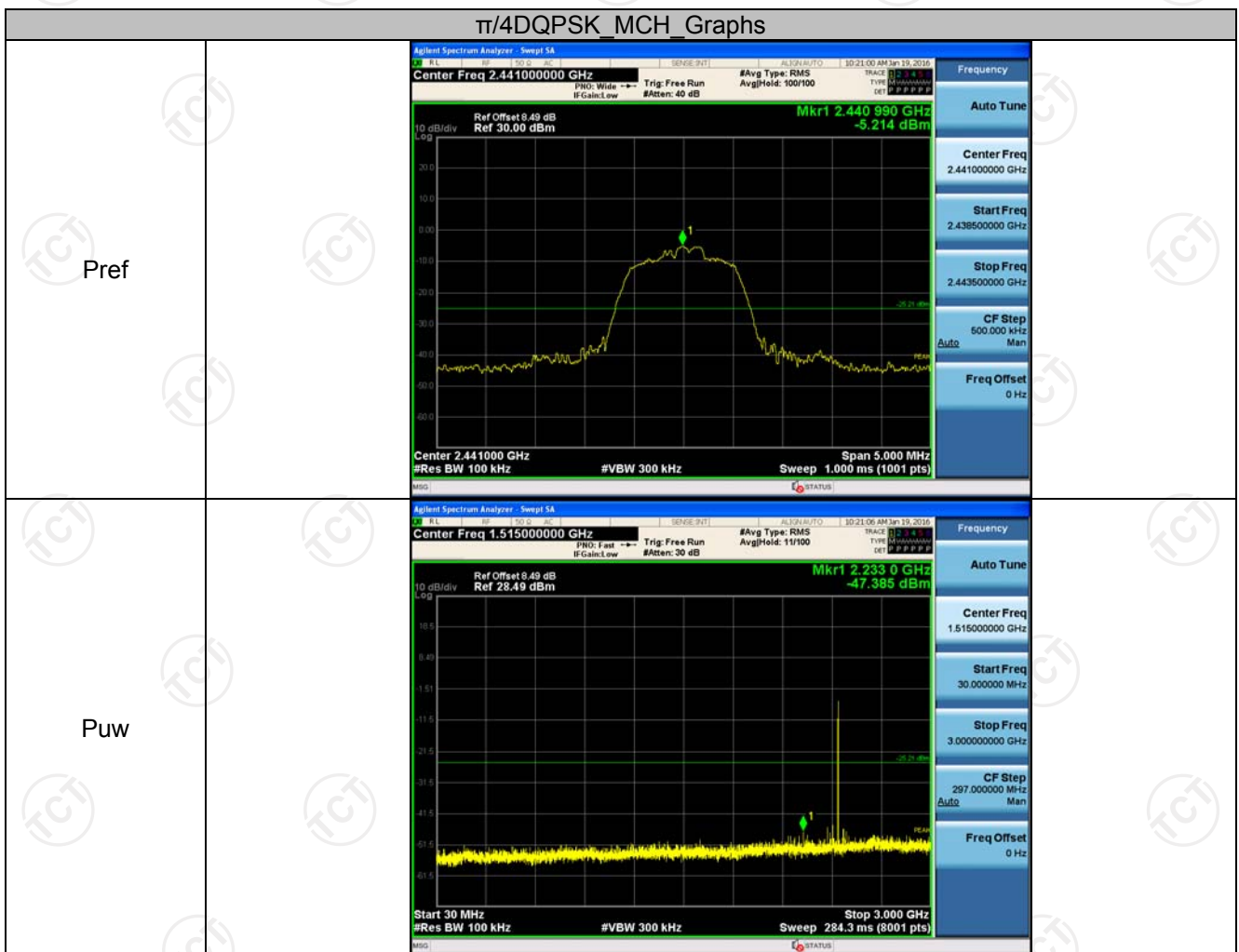
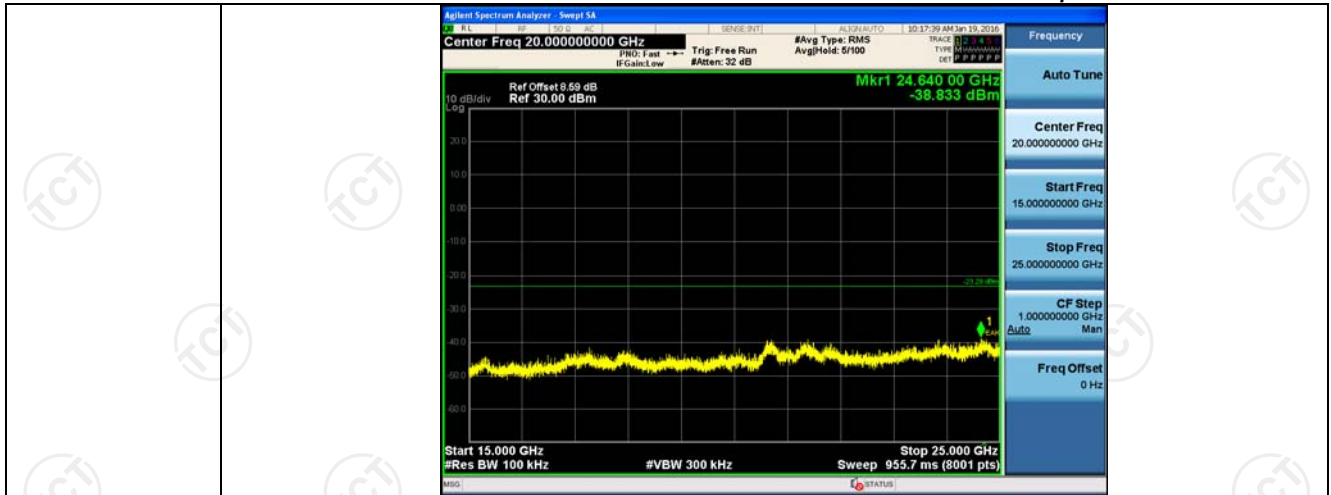
GFSK HCH_Graphs

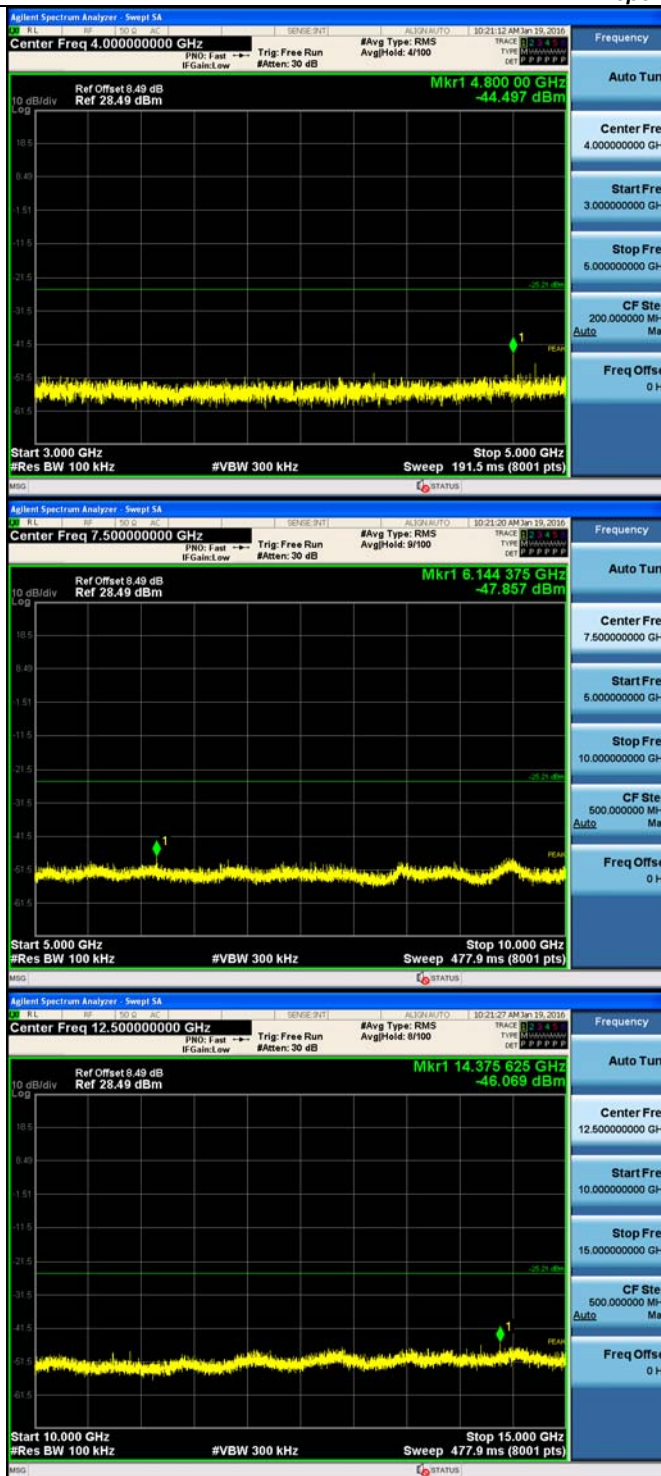


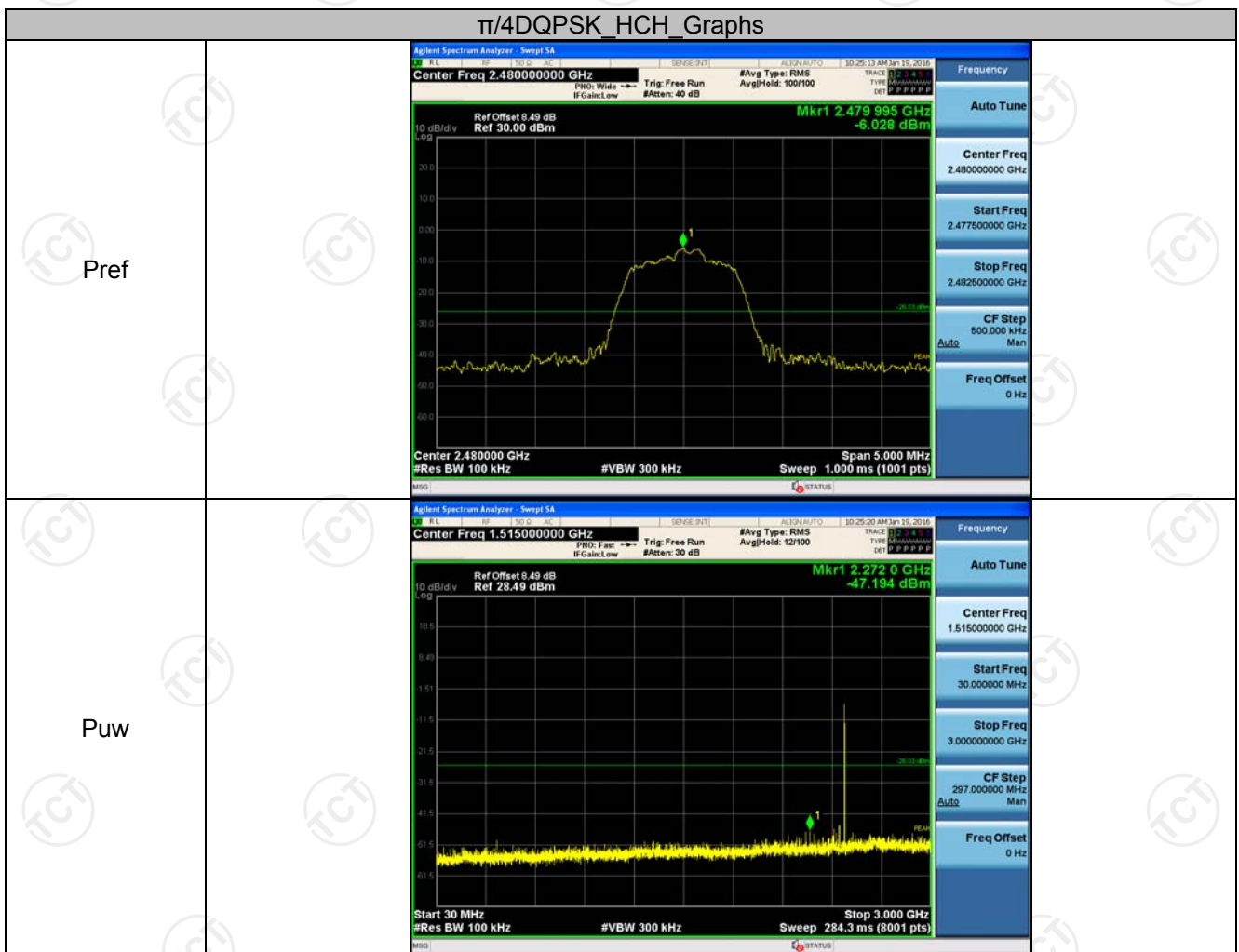
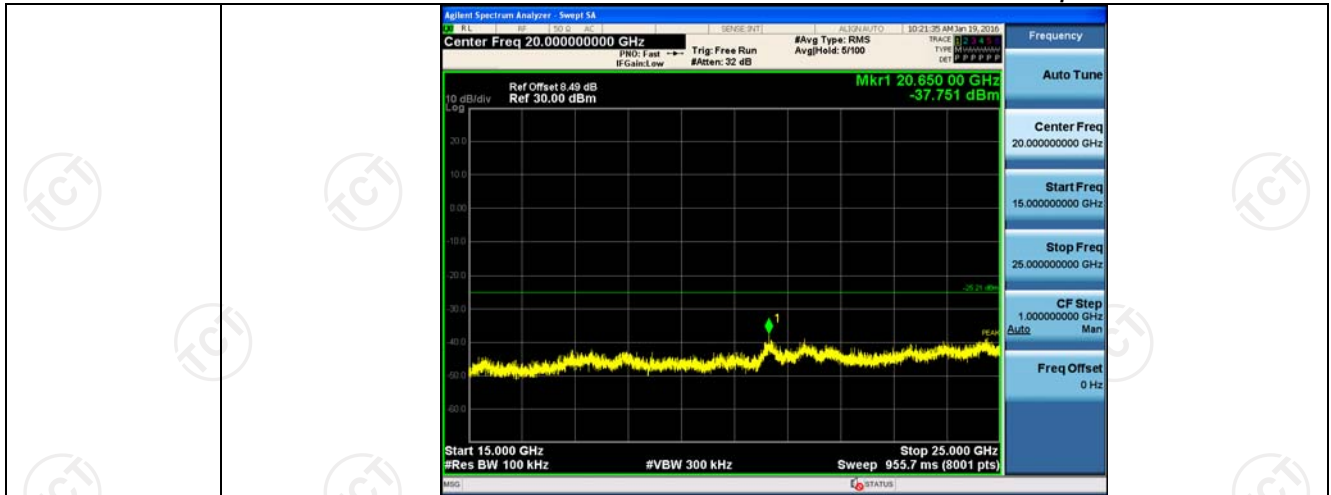


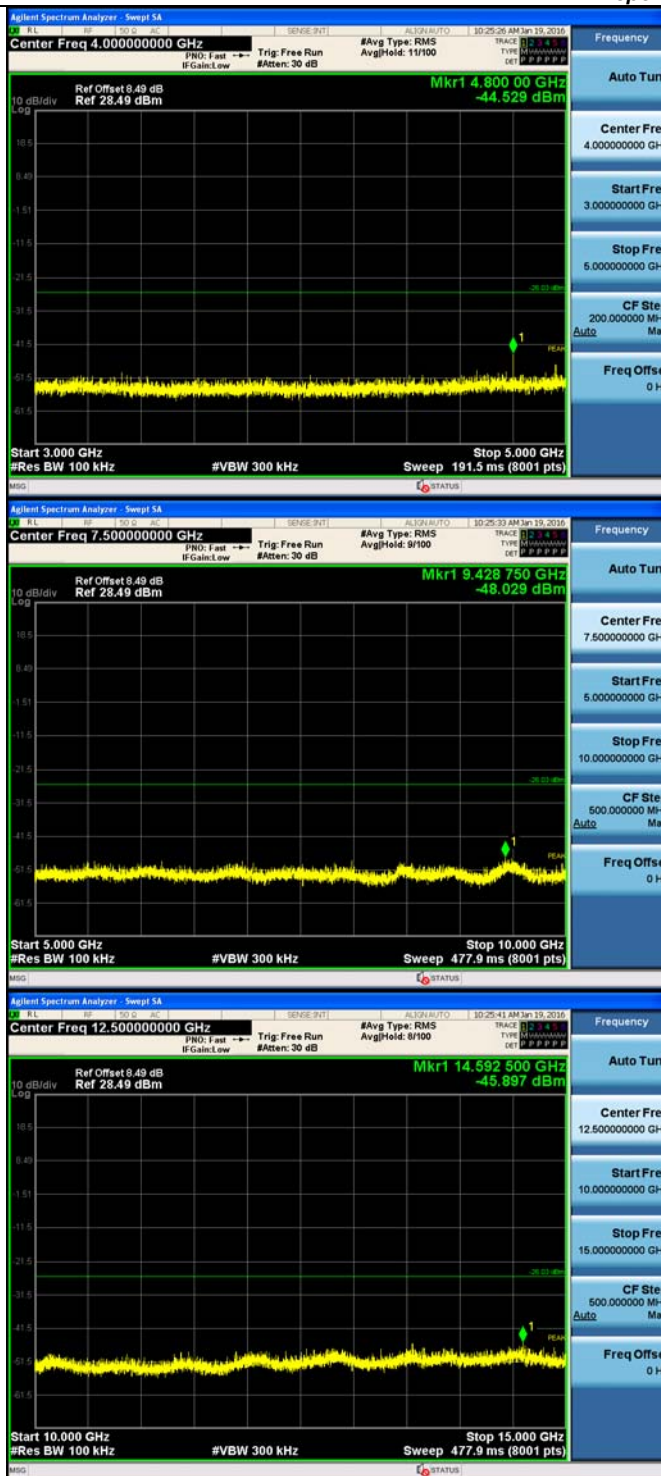


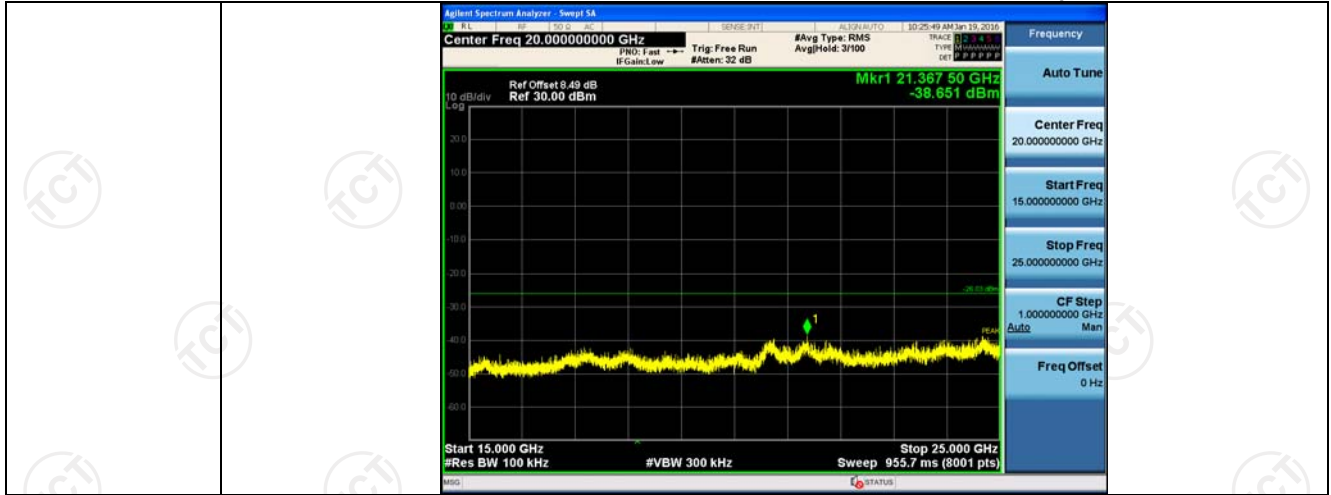




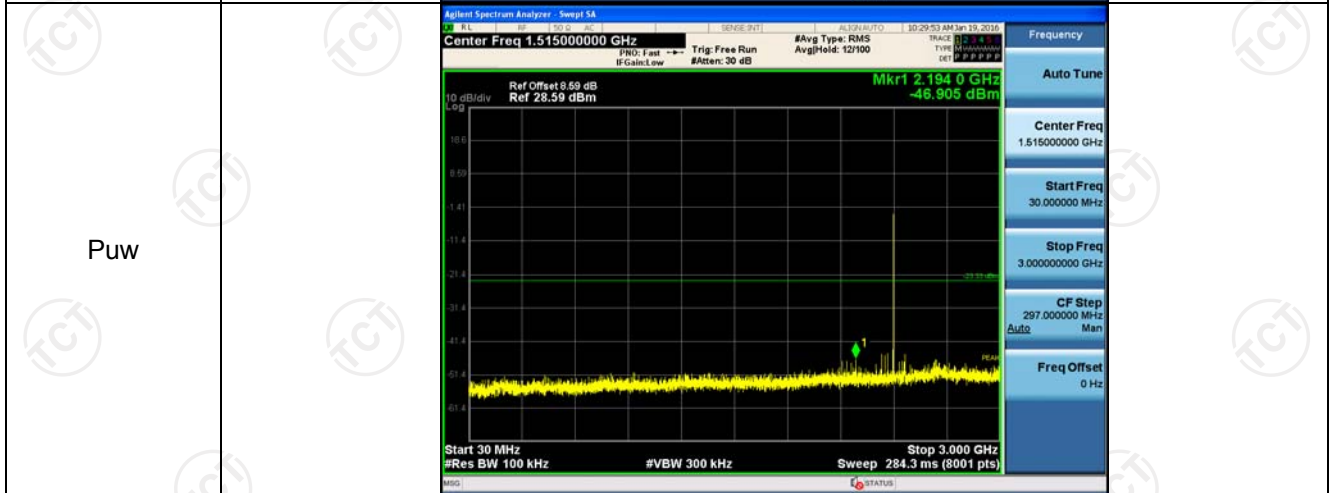


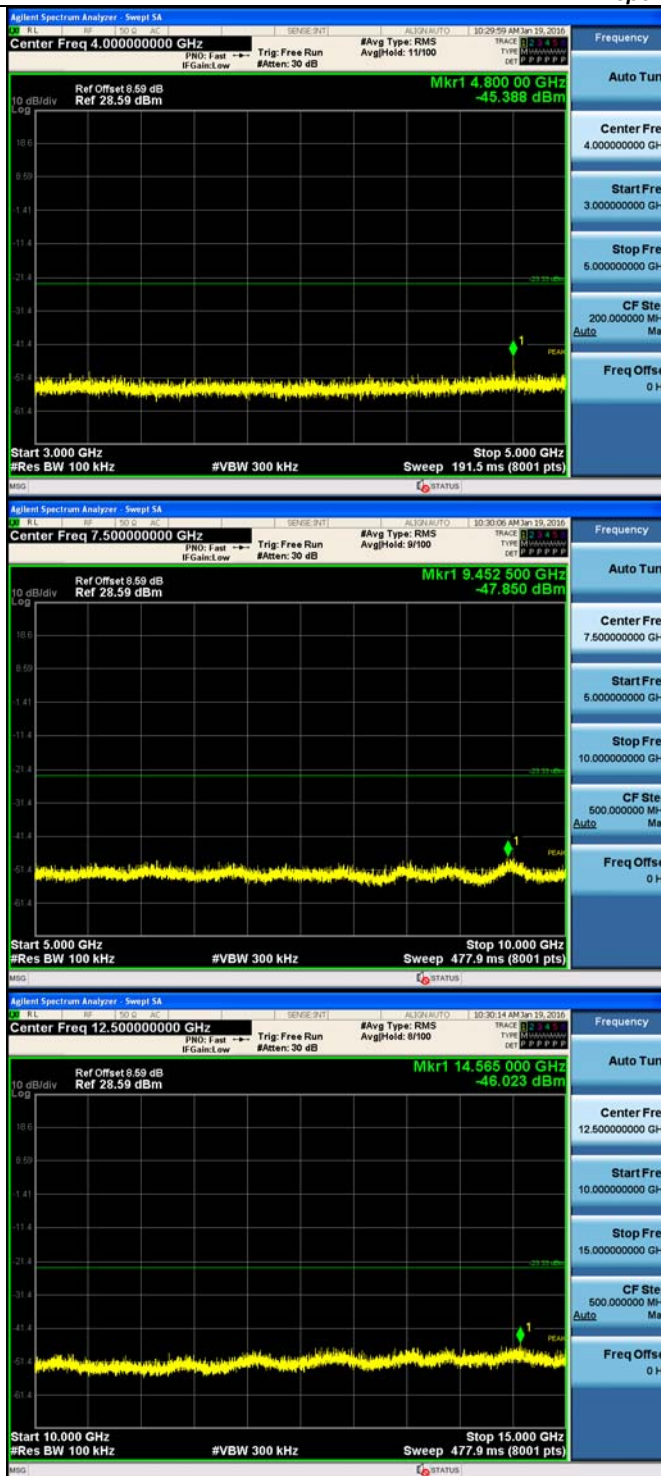


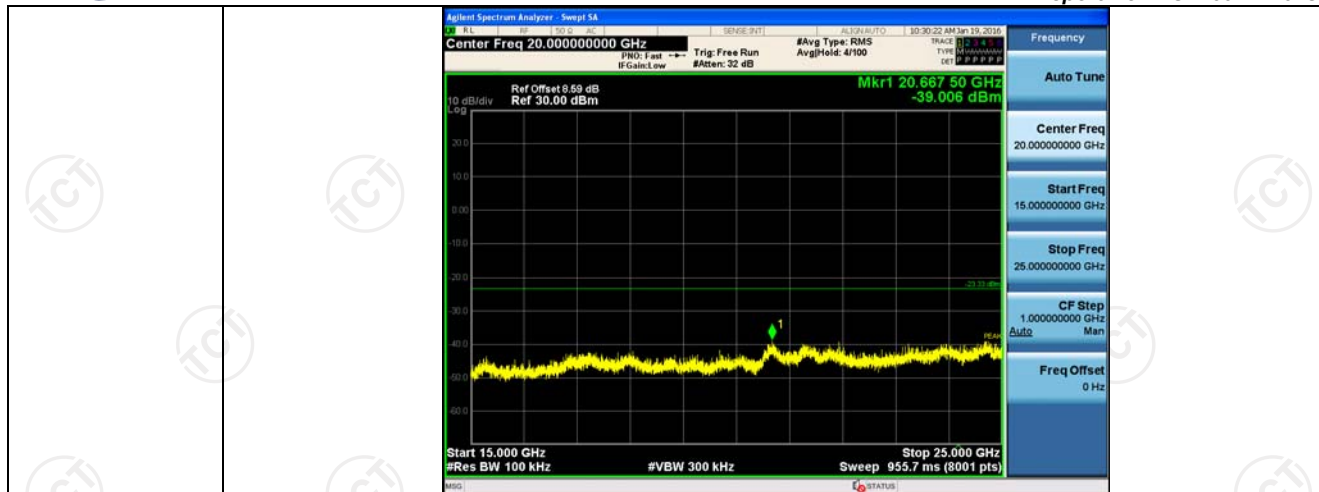




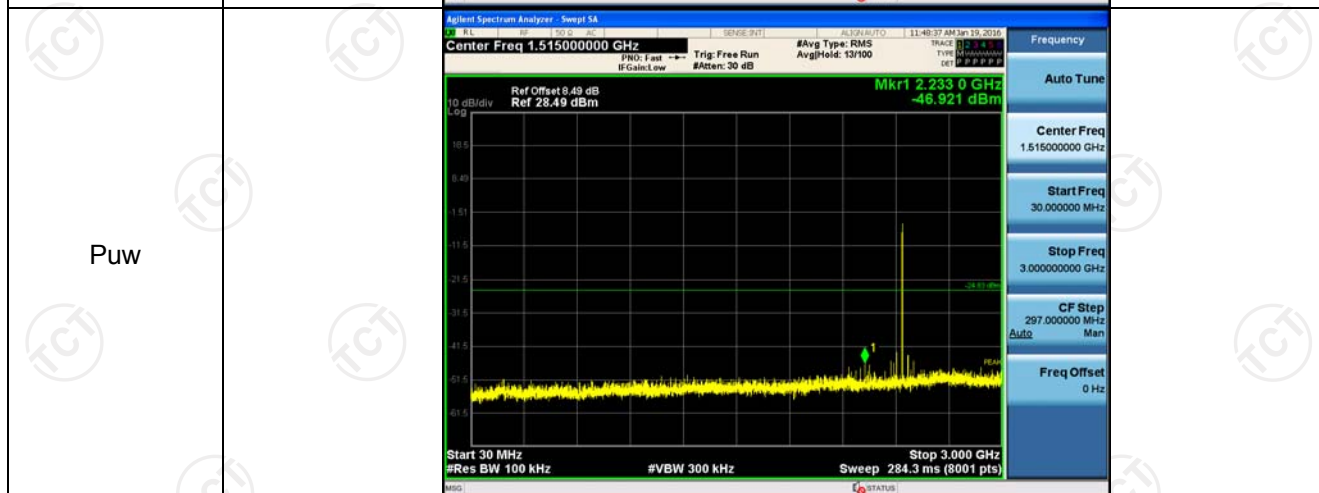
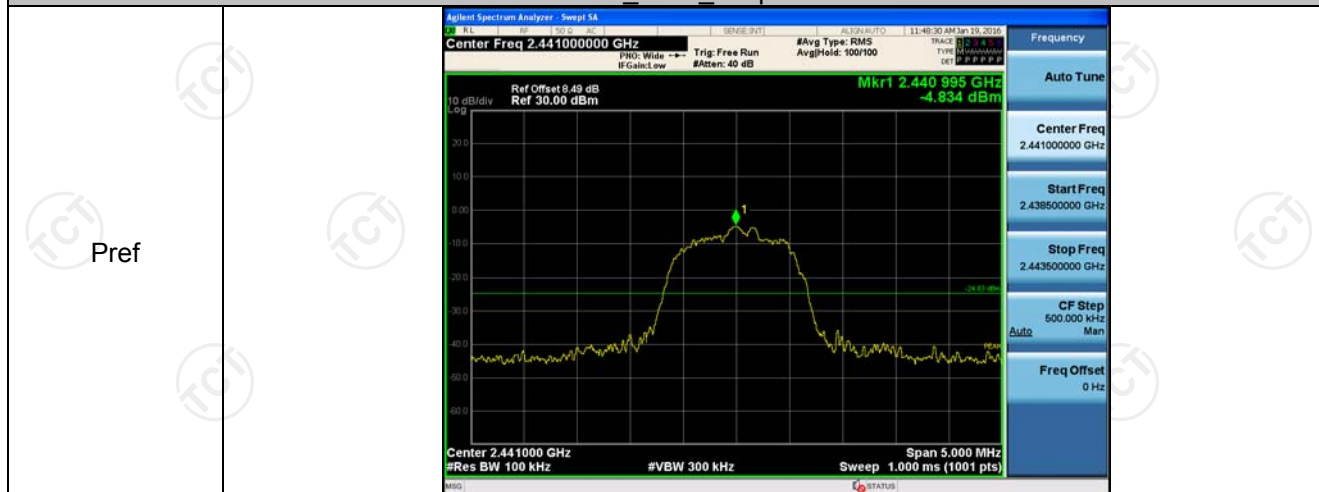
8DPSK_LCH_Graphs

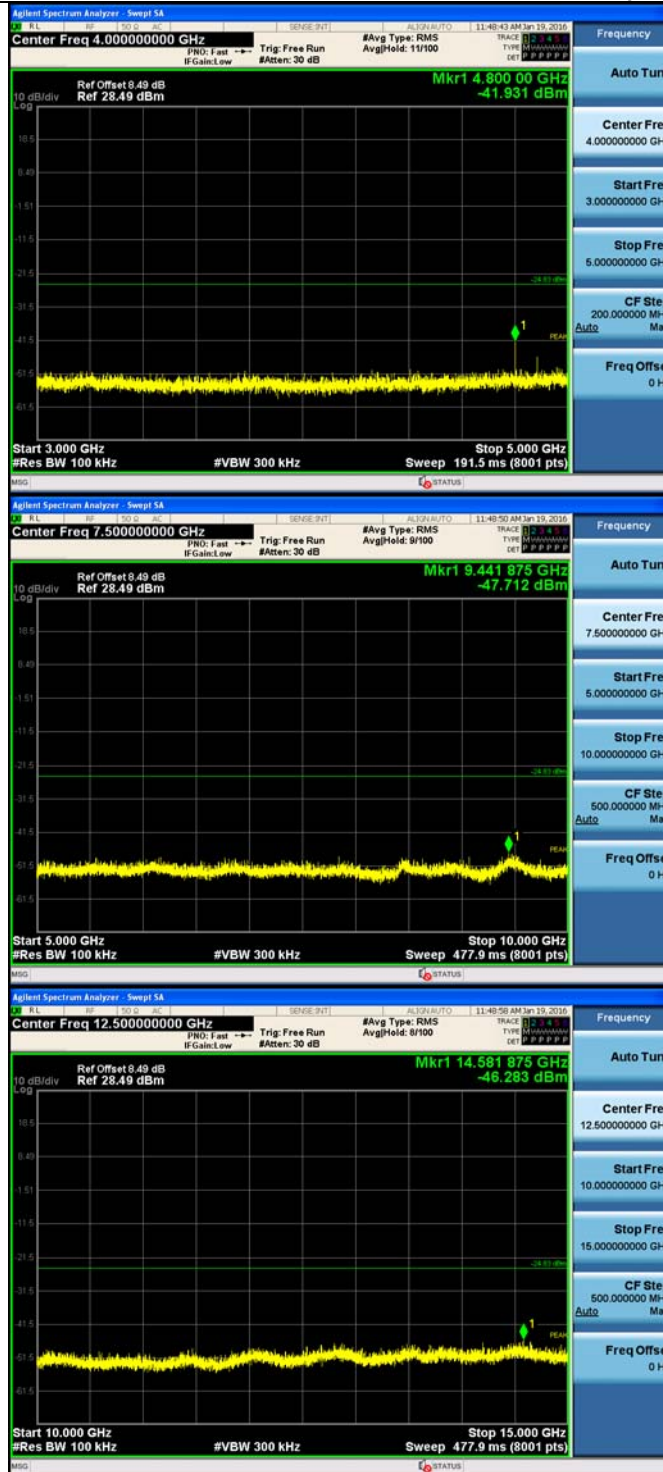


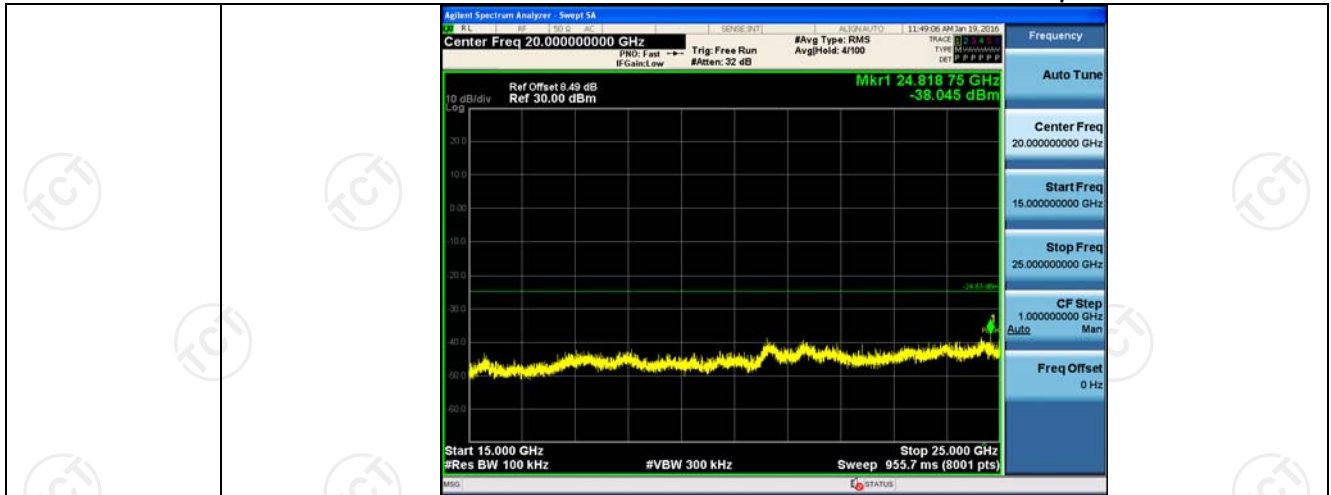




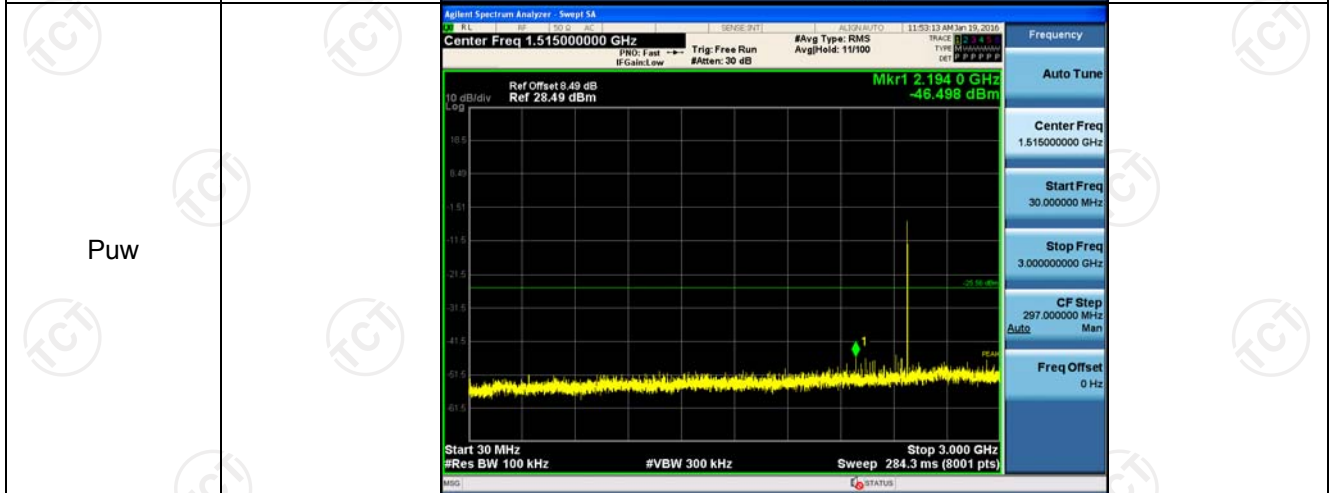
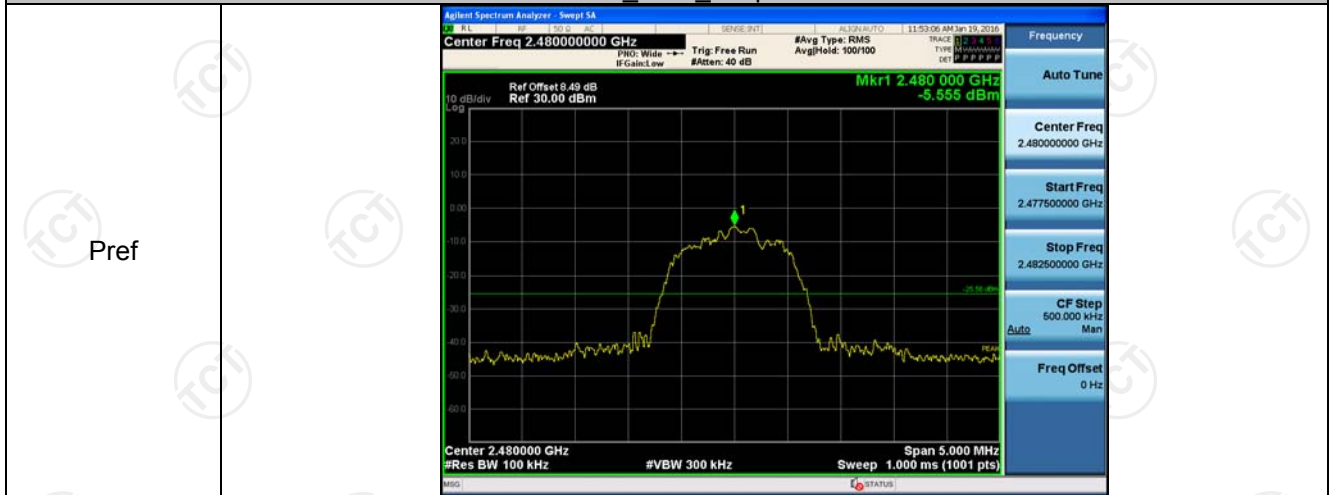
8DPSK_MCH_Graphs

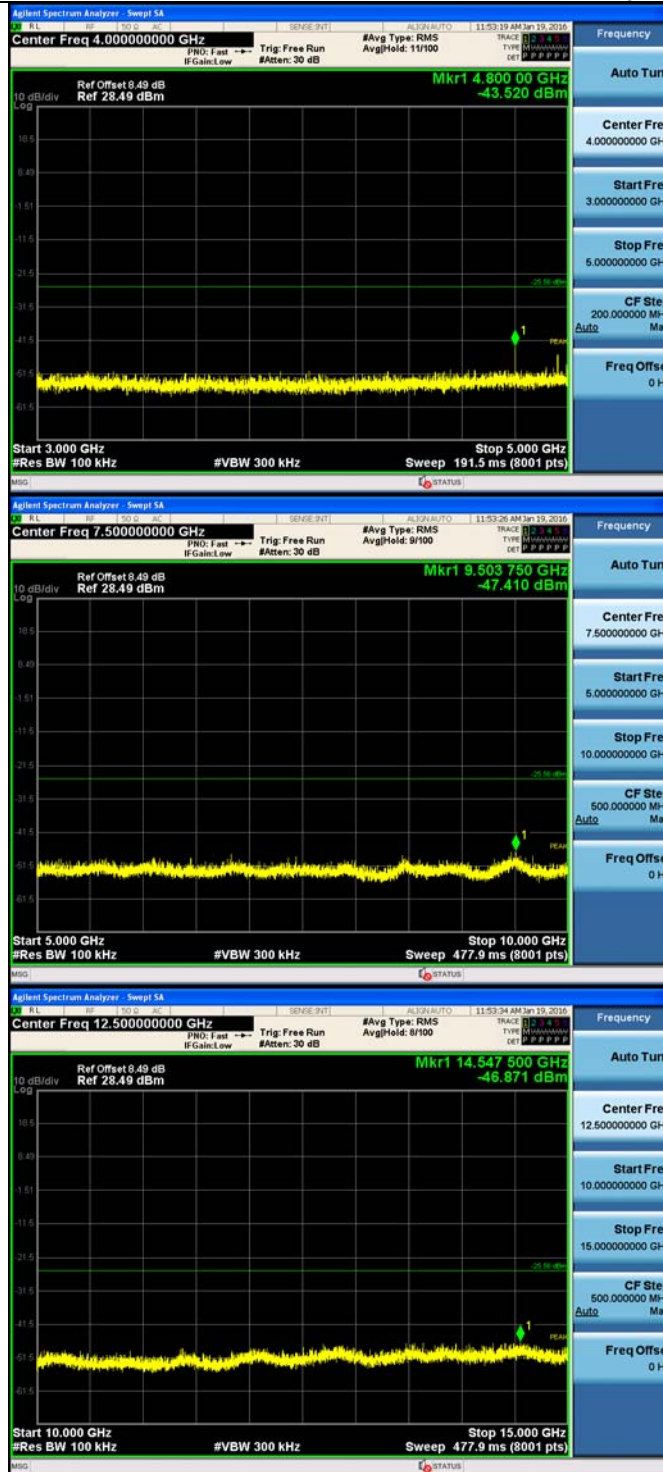


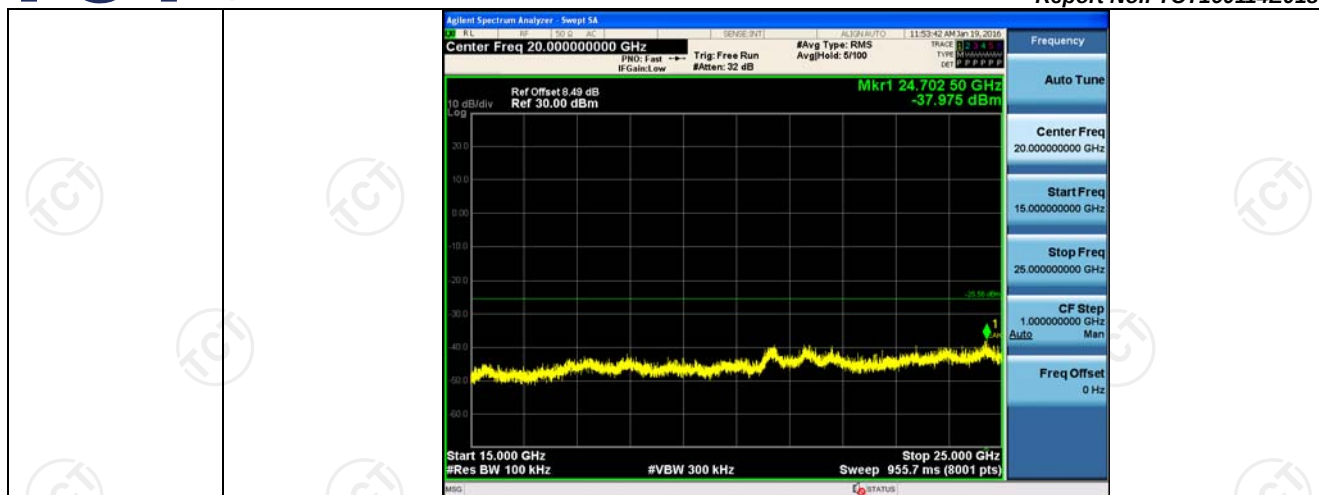




8DPSK_HCH Graphs



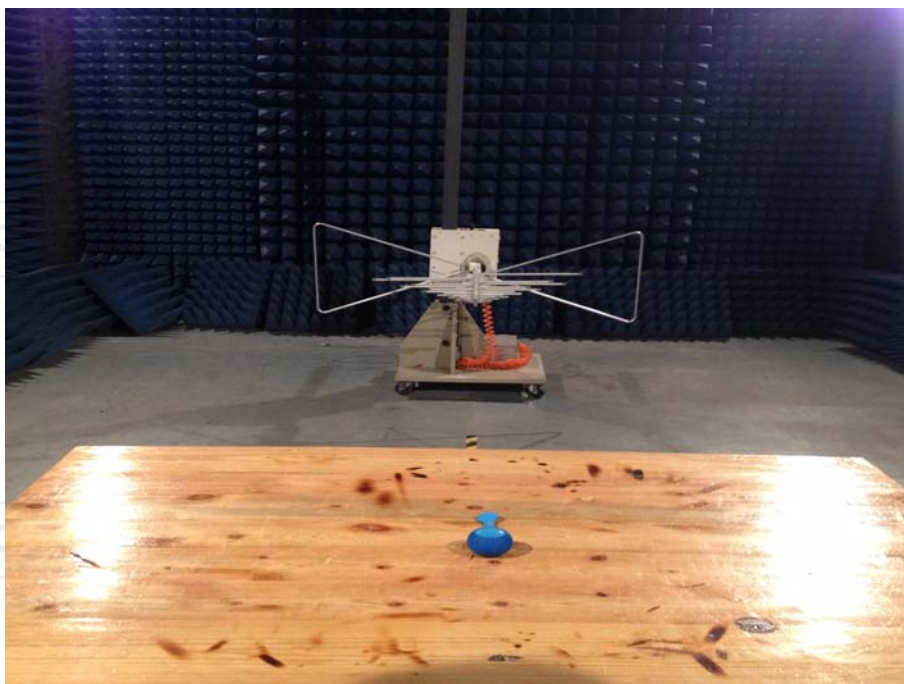




*****END OF REPORT*****

Appendix B: Photographs of Test Setup

Radiated Emission

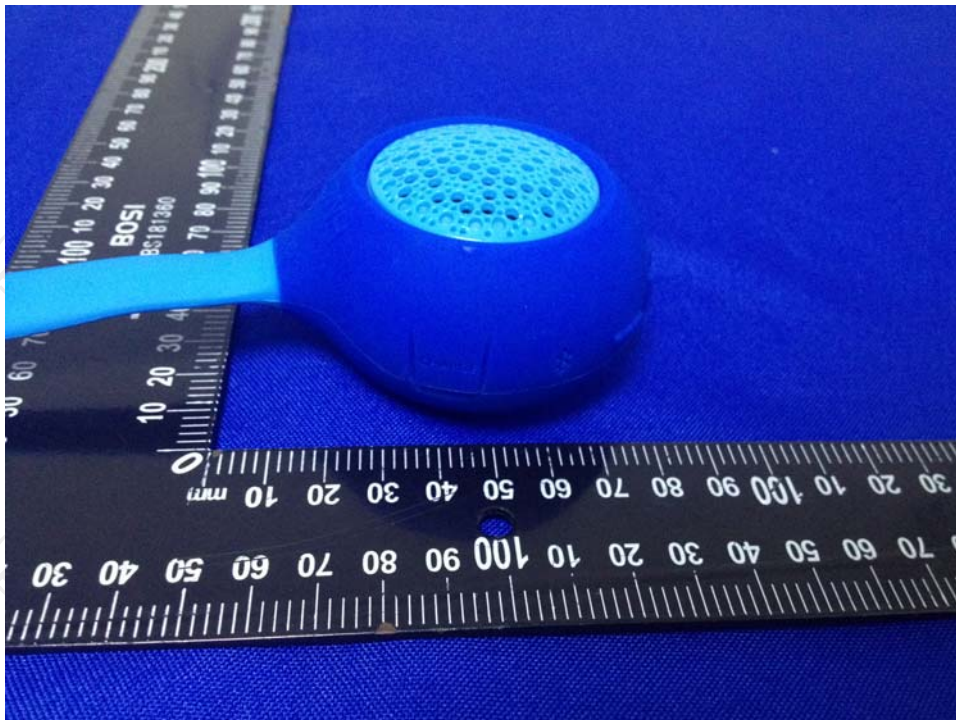


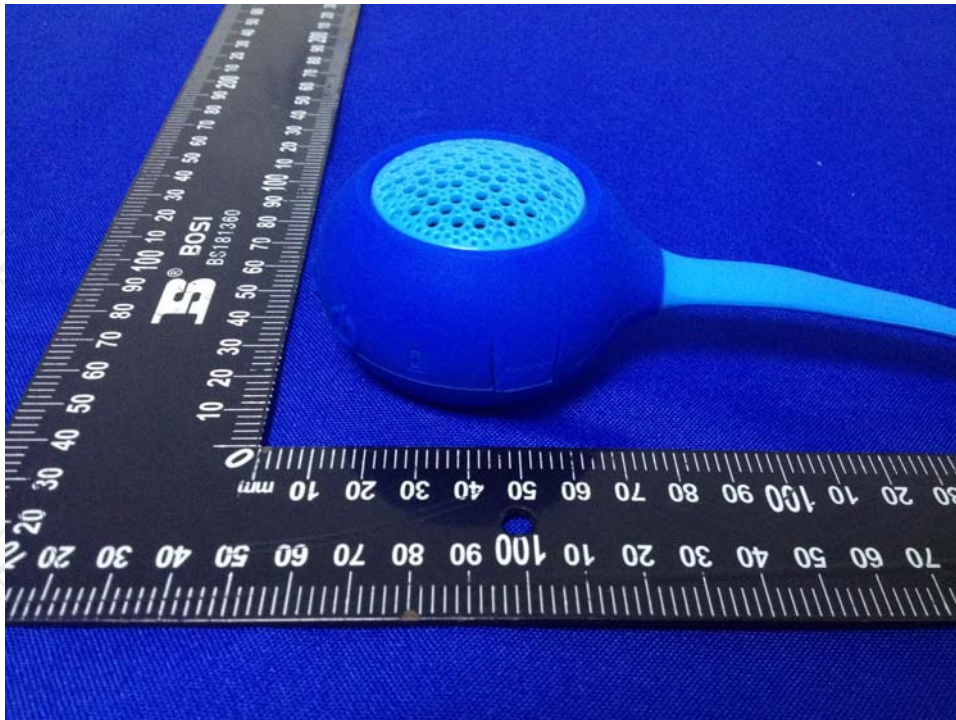
CE



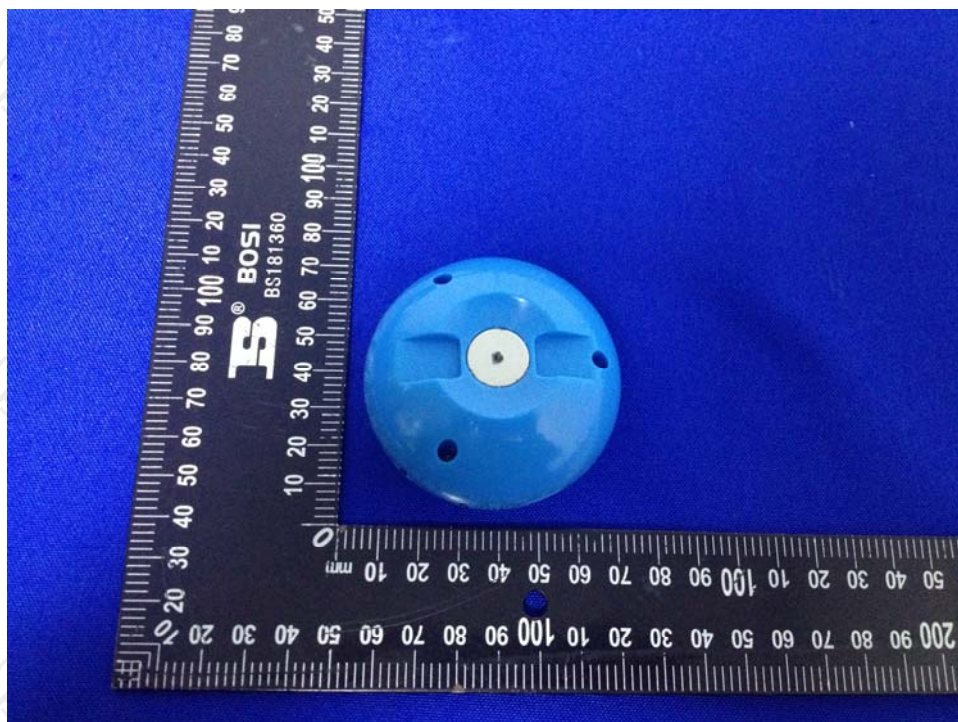
Appendix C: Photographs of EUT
Model: HX-P180
External Photos











Model: HX-P180
Internal Photos

