

Conducted Peak Output Power

Result Table

Mode	Channel.	Maximum Peak Output Power [dBm]	Verdict
GFSK	LCH	-0.947	PASS
GFSK	MCH	-1.435	PASS
GFSK	HCH	-3.166	PASS
$\pi/4$ DQPSK	LCH	0.120	PASS
$\pi/4$ DQPSK	MCH	-1.380	PASS
$\pi/4$ DQPSK	HCH	-2.166	PASS

Test Graph

Graphs

GFSK/LCH



GFSK/MCH



GFSK/HCH



$\pi/4$ DQPSK/LCH



$\pi/4$ DQPSK/MCH



π/4DQPSK/HCH

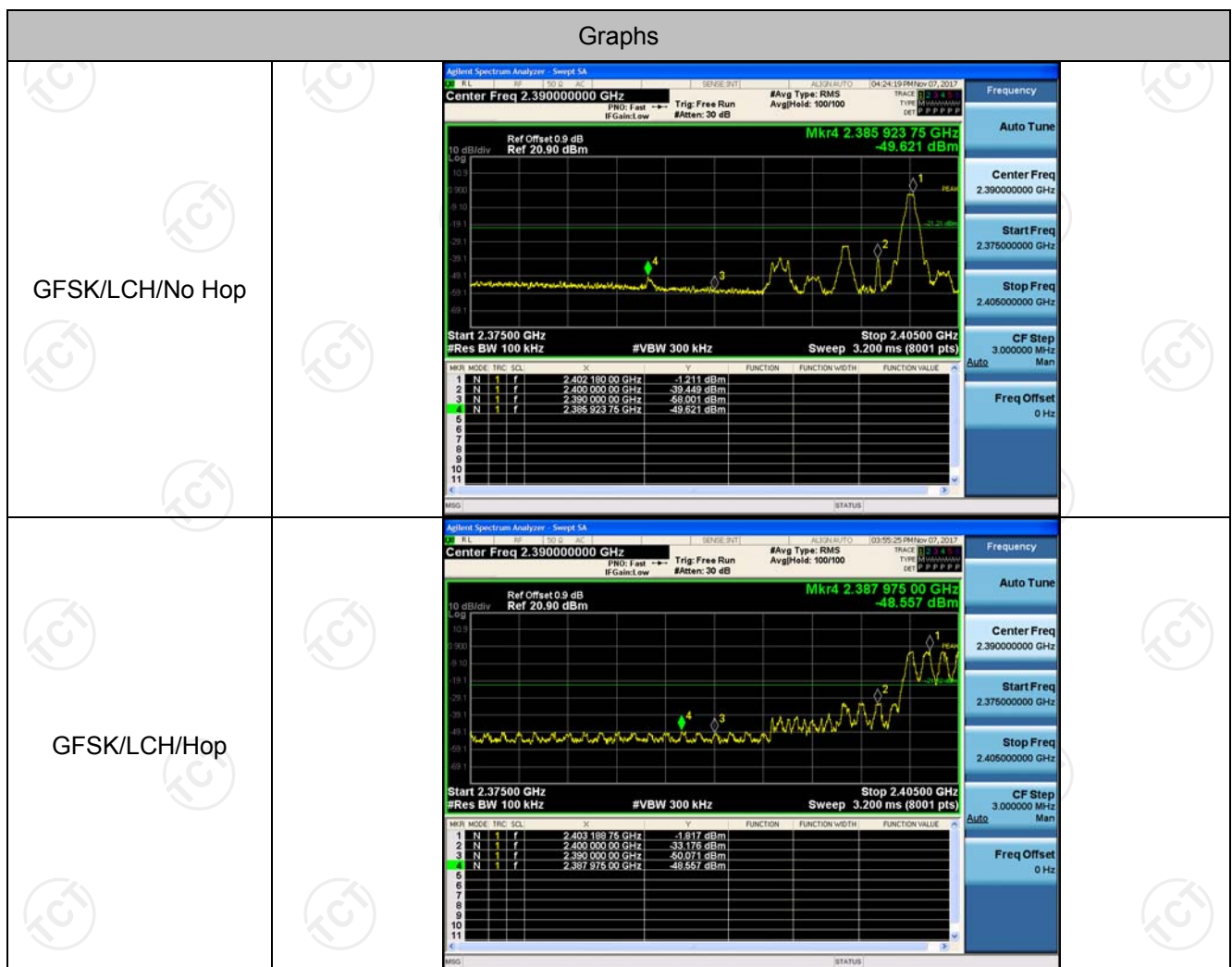


Band-edge for RF Conducted Emissions

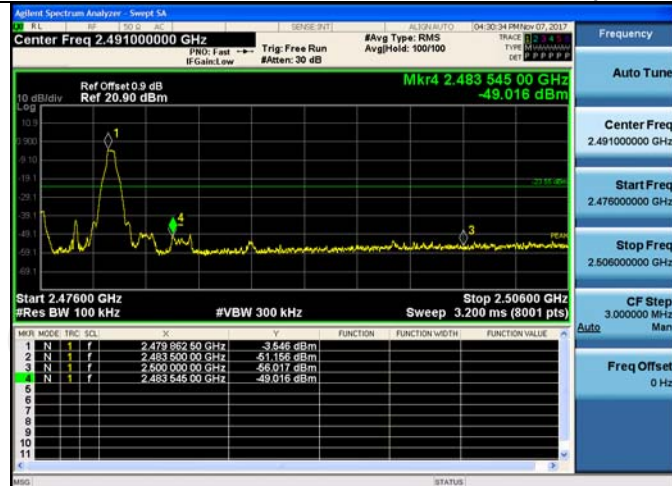
Result Table

Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict
GFSK	LCH	2402	-1.211	Off	-49.621	-21.21	PASS
			-1.817	On	-48.557	-21.82	PASS
GFSK	HCH	2480	-3.546	Off	-49.016	-23.55	PASS
			-3.432	On	-50.172	-23.43	PASS
π /4DQPSK	LCH	2402	-1.387	Off	-51.648	-21.39	PASS
			-1.205	On	-48.698	-21.21	PASS
π /4DQPSK	HCH	2480	-3.521	Off	-49.626	-23.52	PASS
			-3.715	On	-51.254	-23.72	PASS

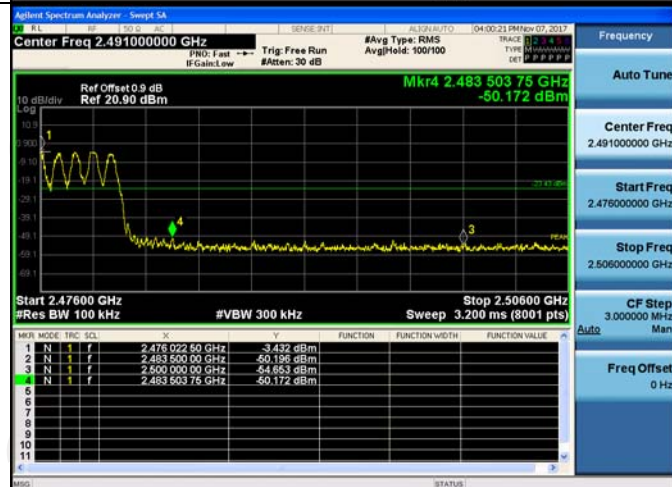
Test Graph



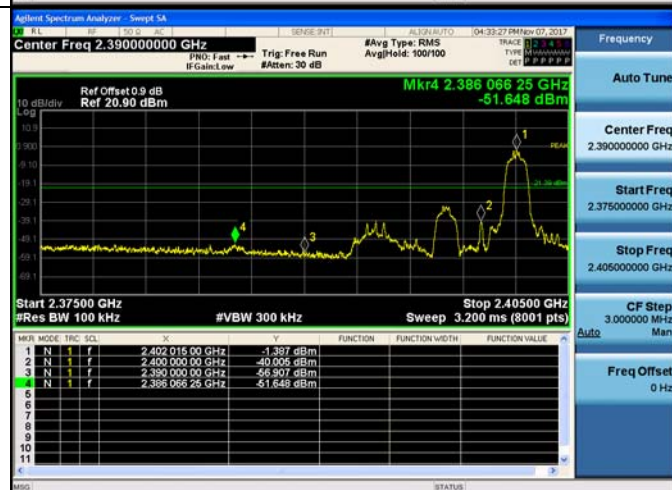
GFSK/HCH/No Hop



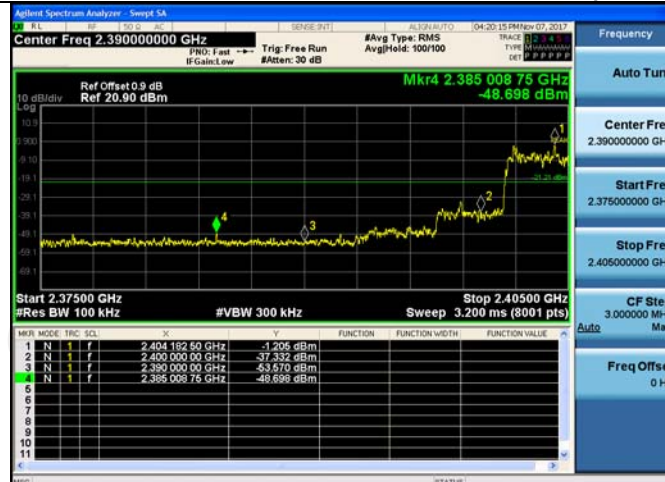
GFSK/HCH/Hop



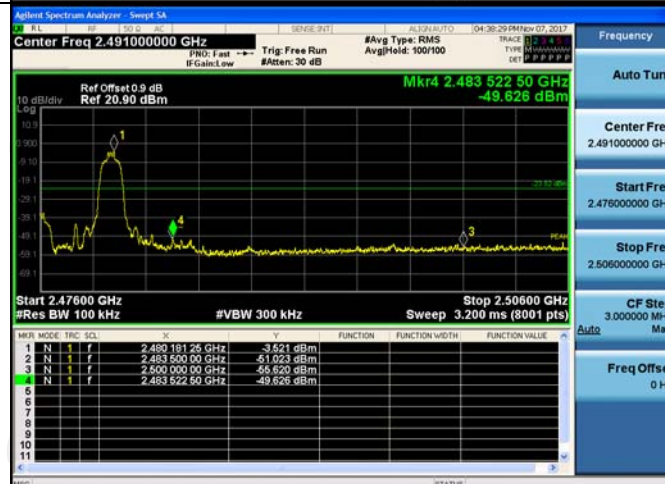
$\pi/4$ DQPSK/LCH/No Hop



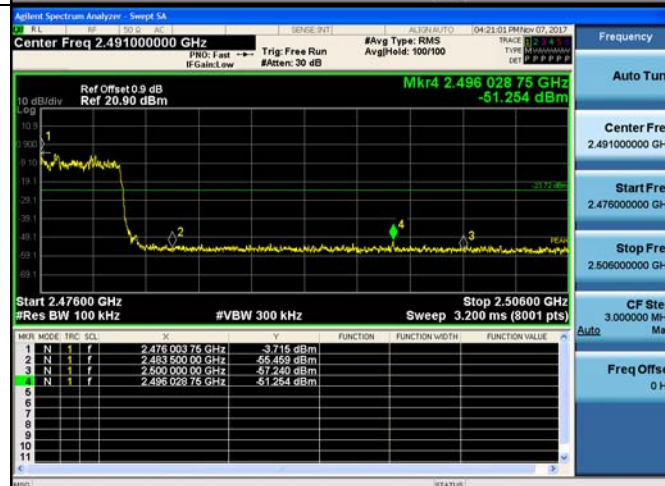
$\pi/4$ DQPSK/LCH/Hop



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



$\pi/4$ DQPSK/HCH/Hop

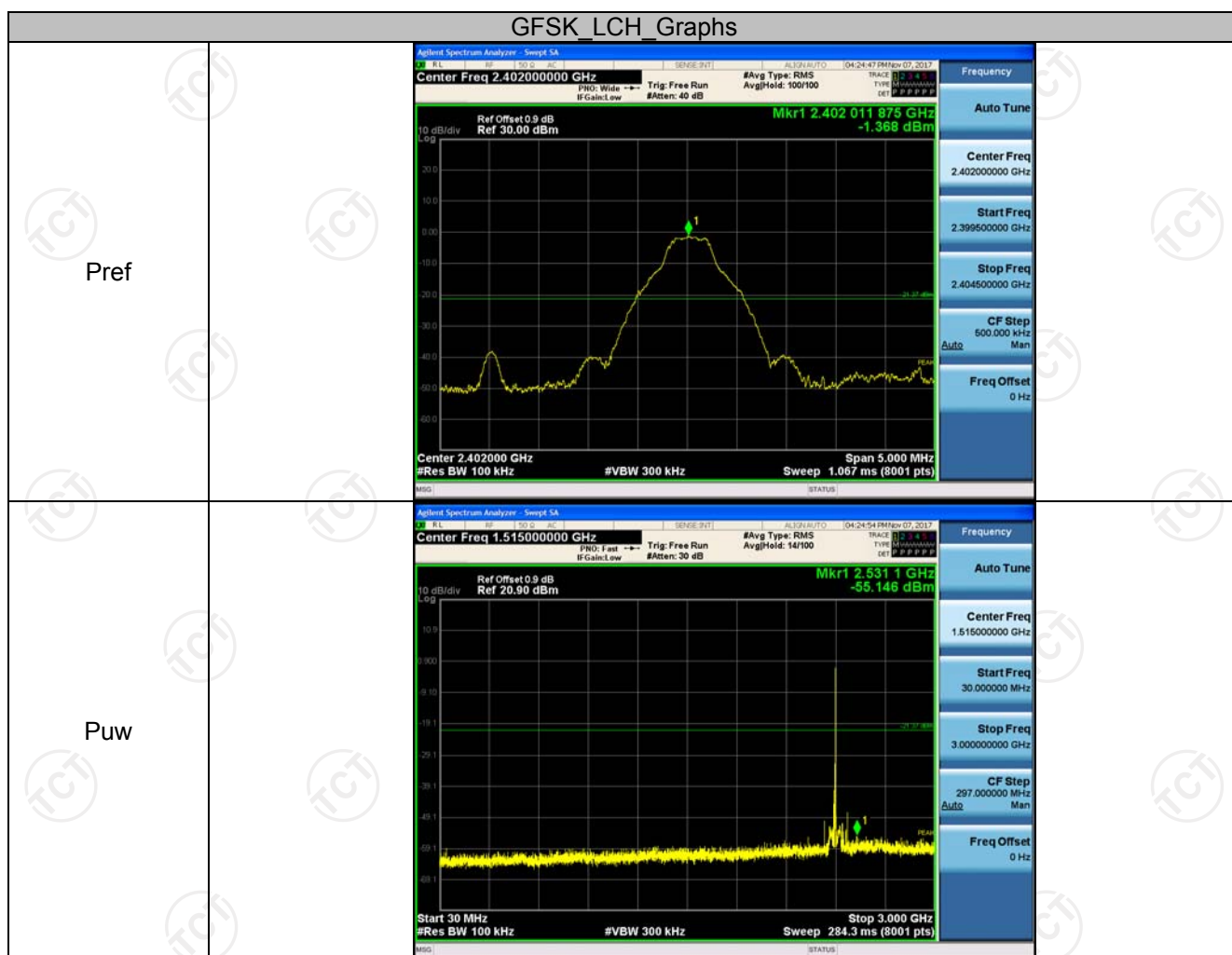


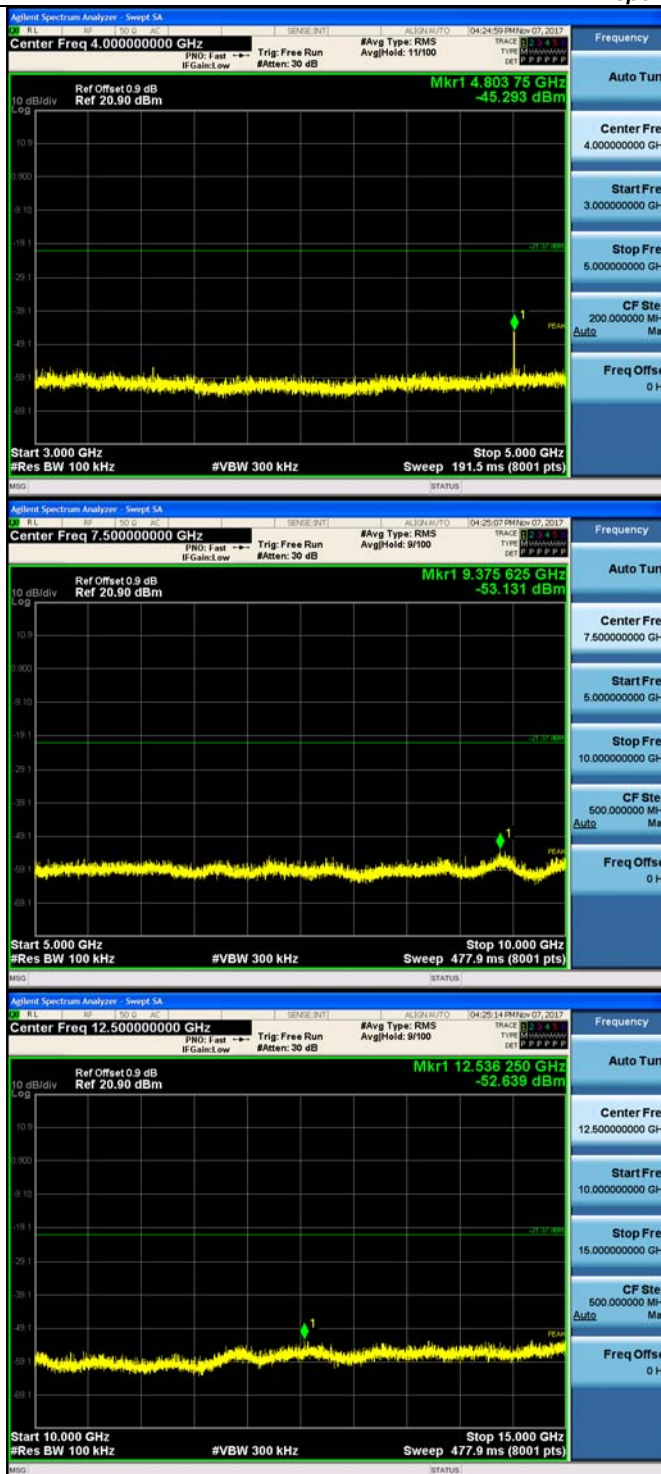
RF Conducted Spurious Emissions

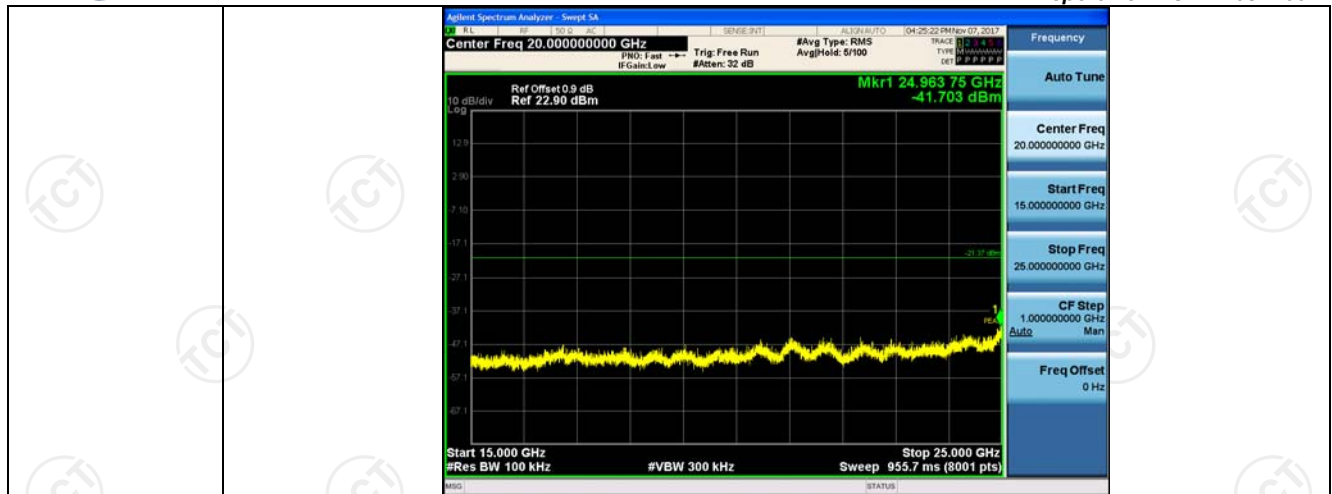
Result Table

Mode	Channel	Pref [dBm]	Puw [dBm]	Verdict
GFSK	LCH	-1.368	<Limit	PASS
GFSK	MCH	-1.841	<Limit	PASS
GFSK	HCH	-3.65	<Limit	PASS
$\pi/4$ DQPSK	LCH	-1.229	<Limit	PASS
$\pi/4$ DQPSK	MCH	-1.882	<Limit	PASS
$\pi/4$ DQPSK	HCH	-3.689	<Limit	PASS

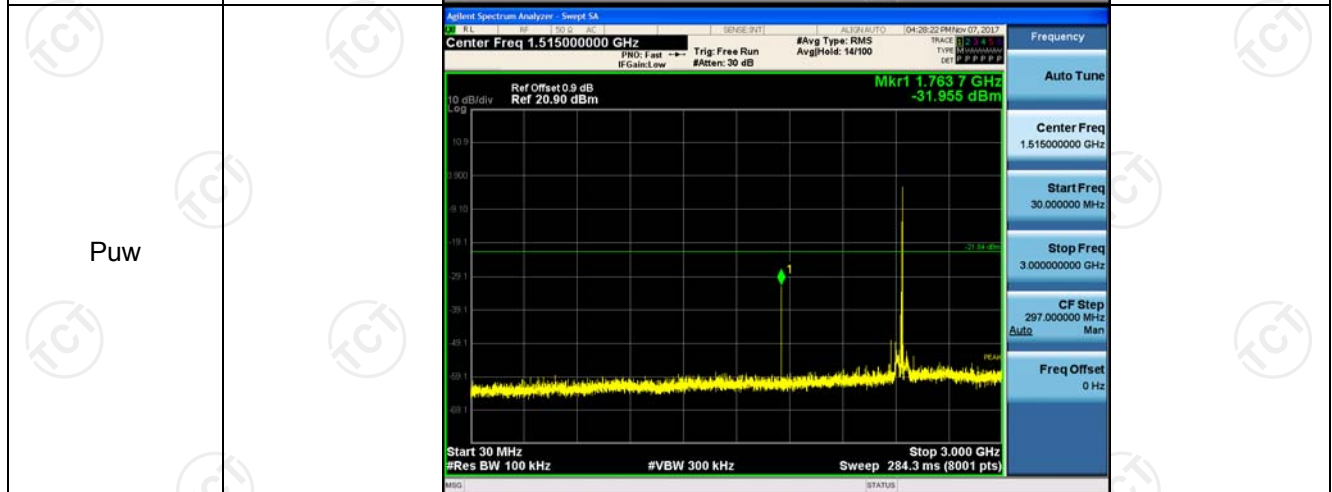
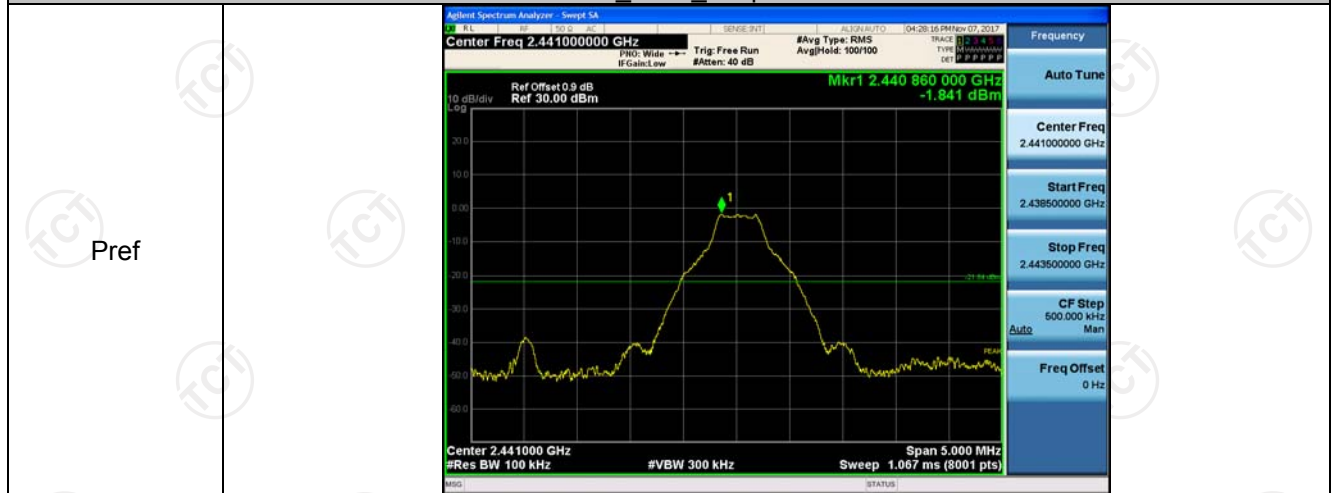
Test Graph

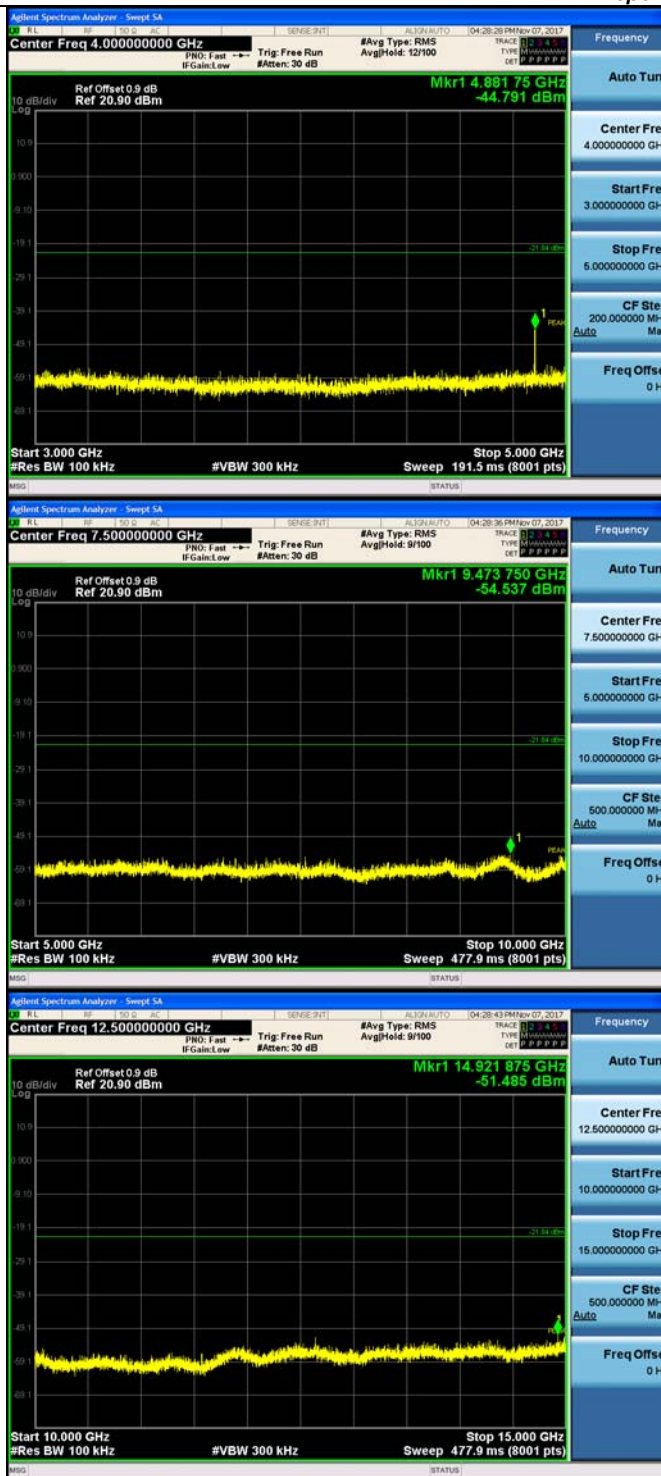


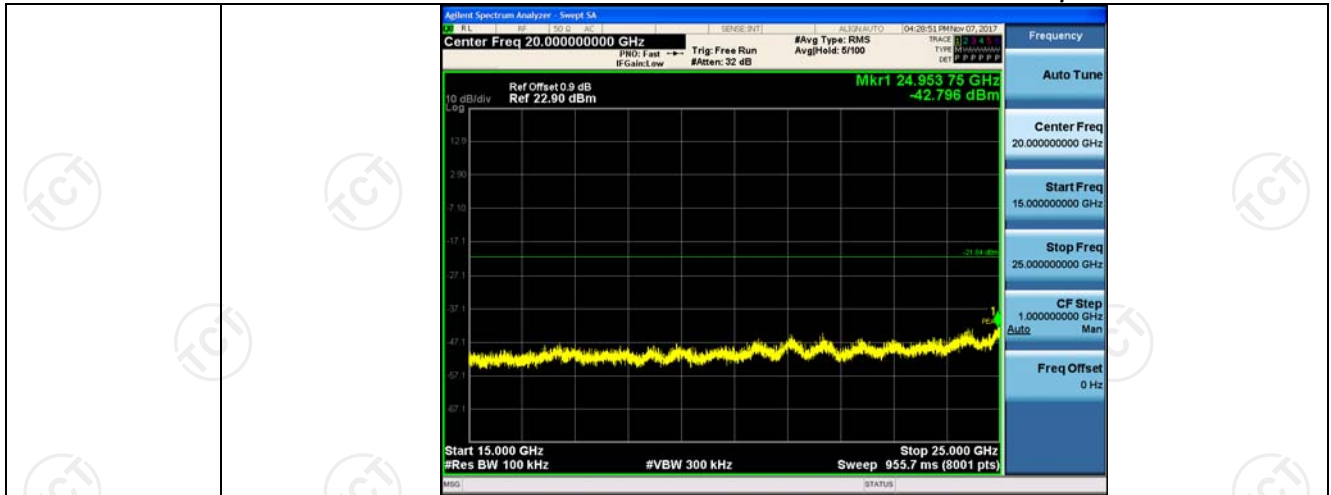




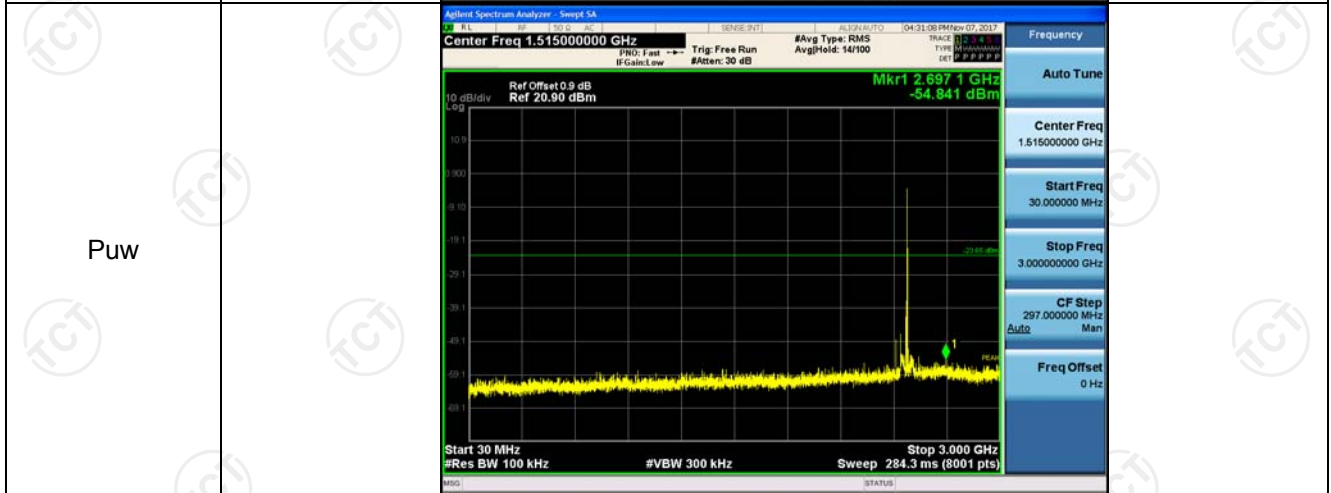
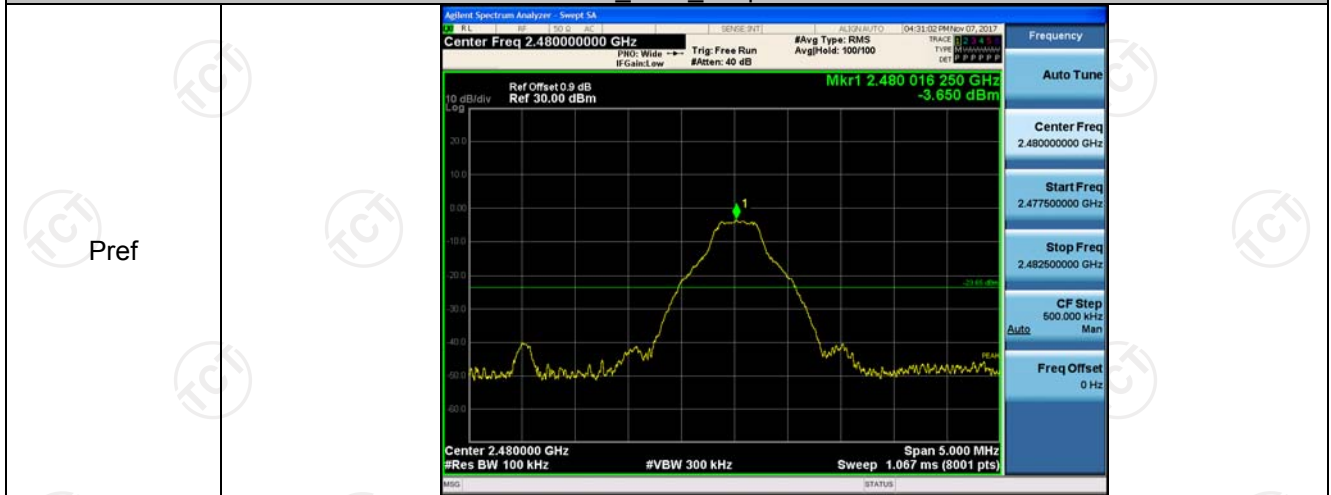
GFSK_MCH_Graphs

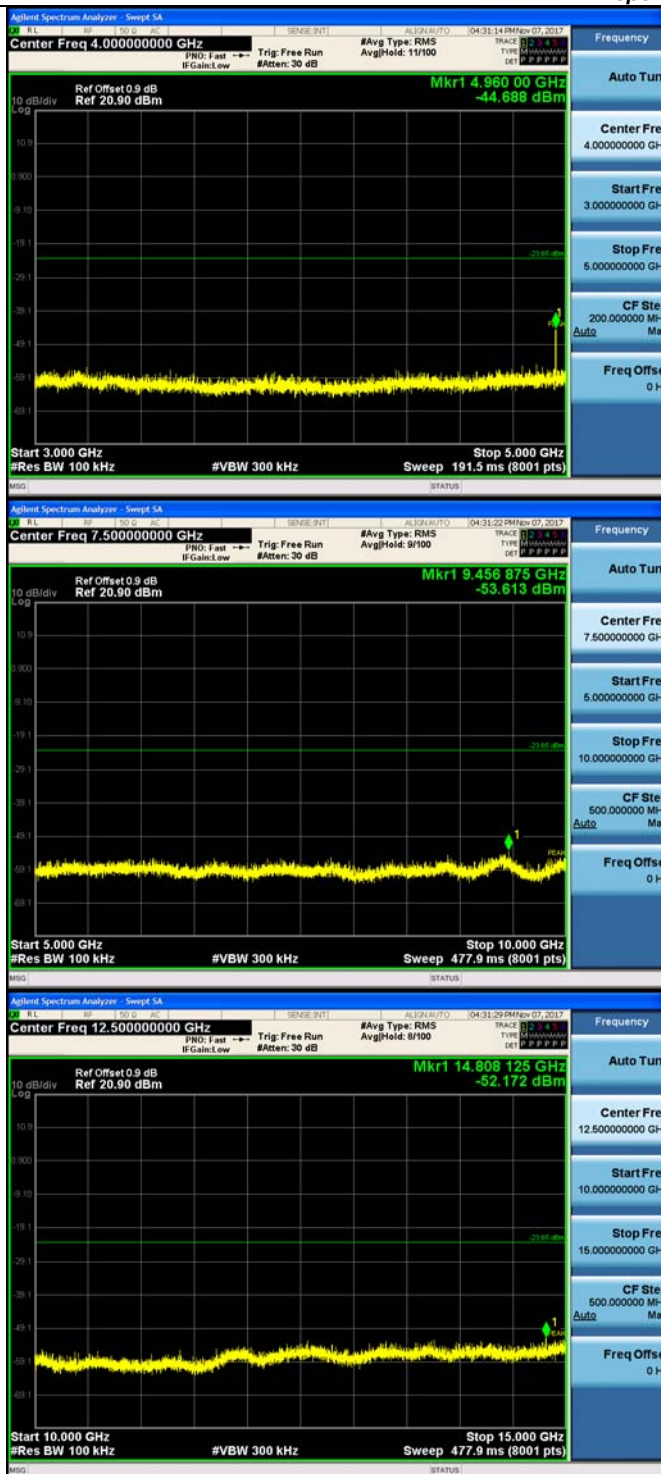


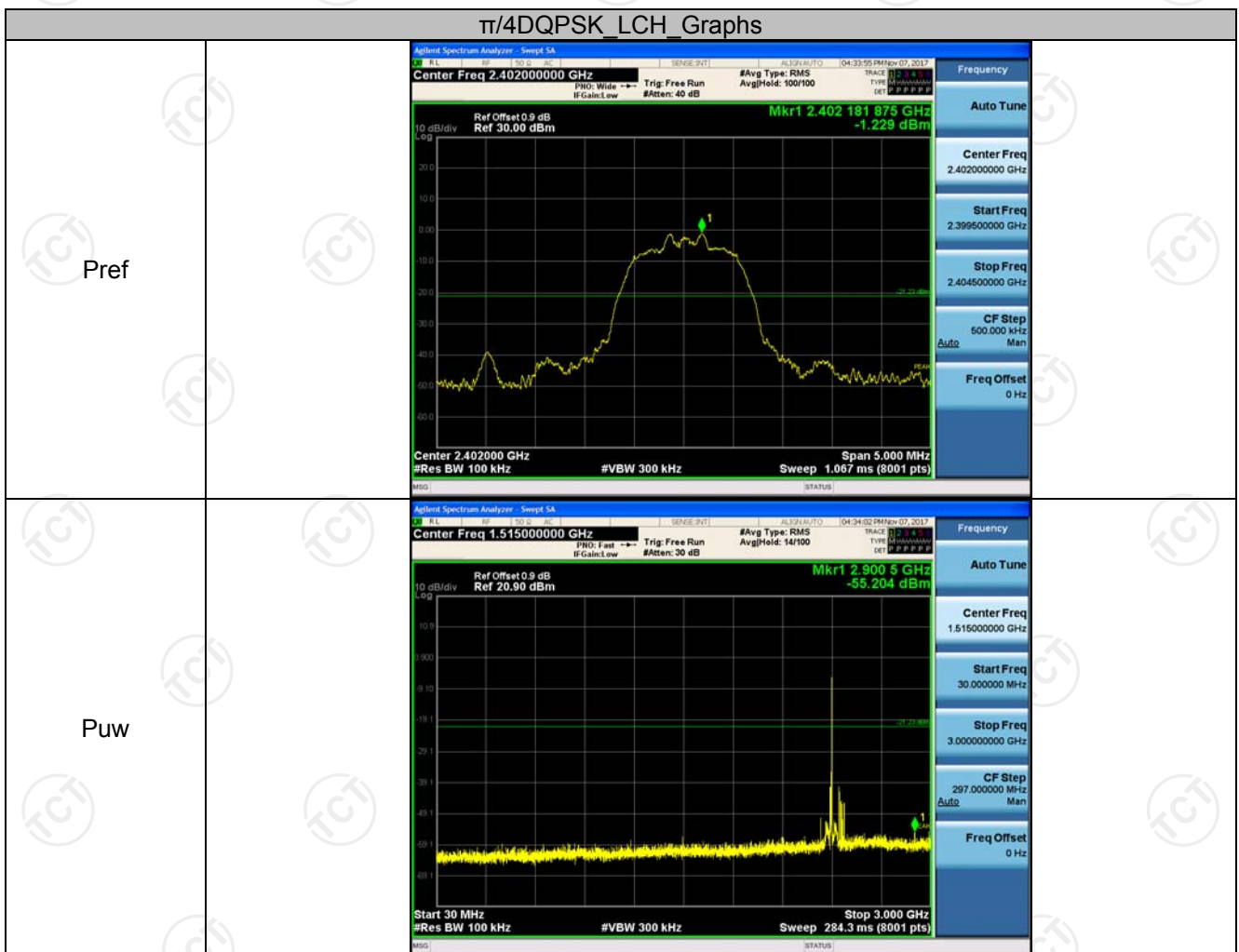
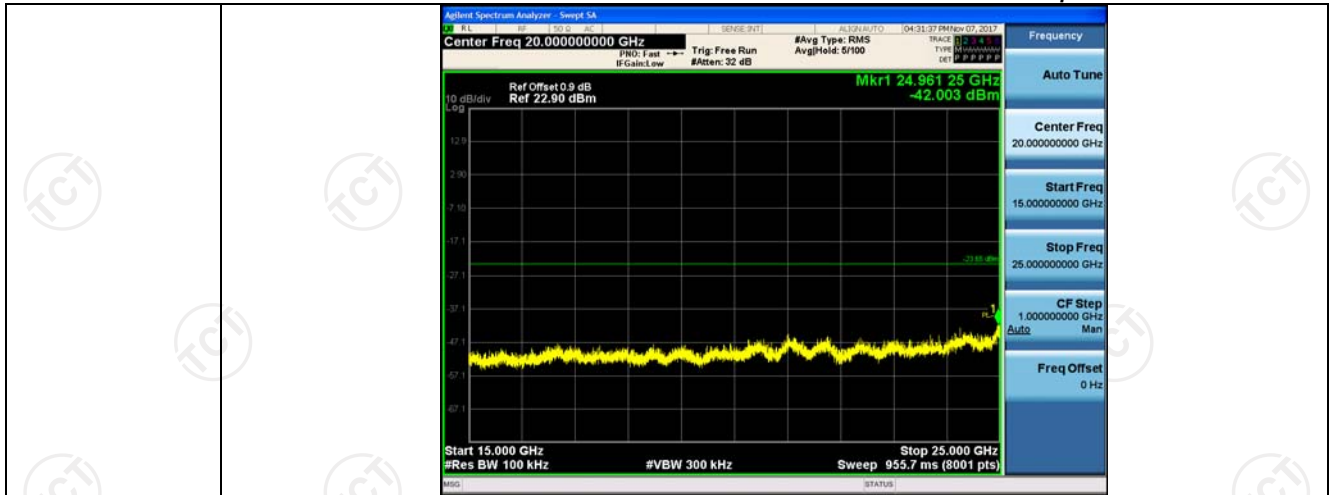


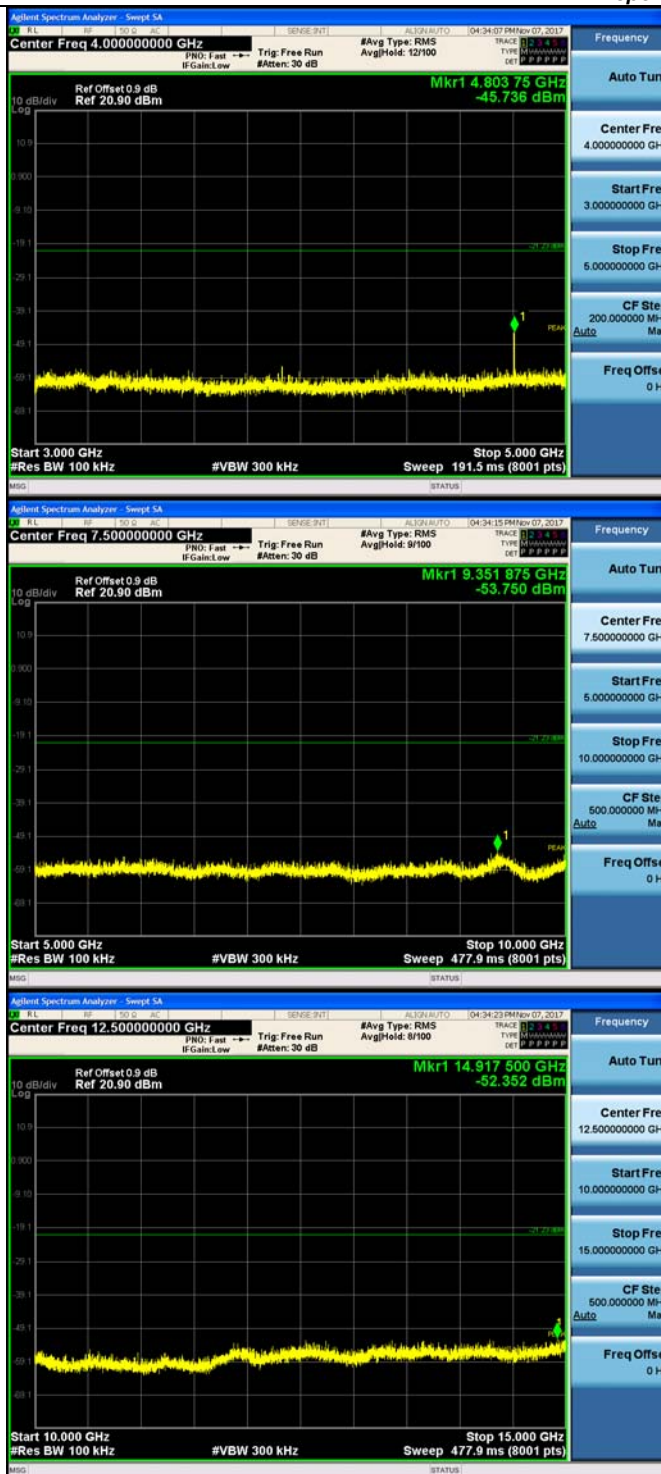


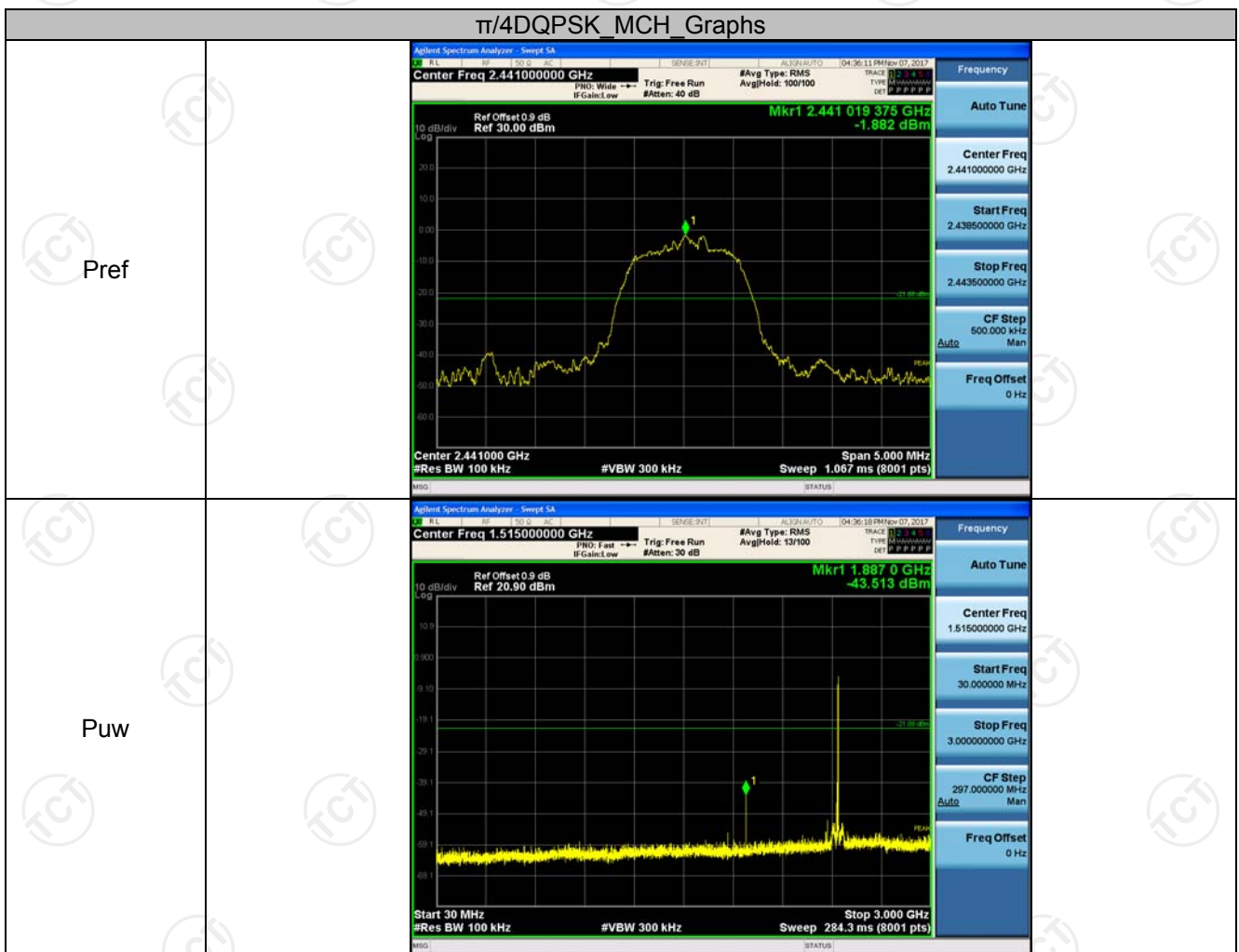
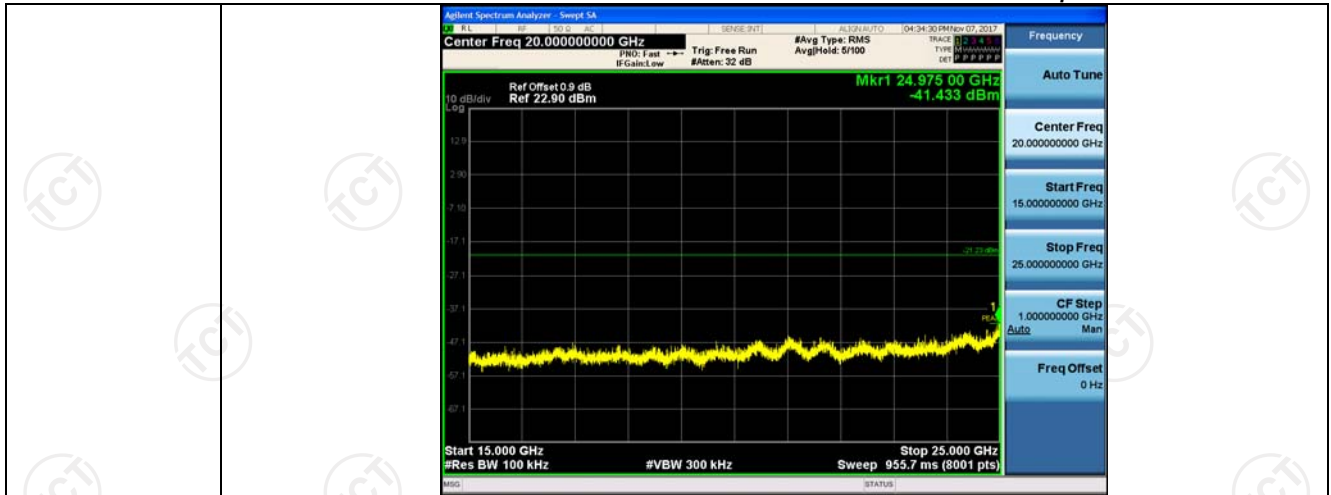
GFSK HCH_Graphs

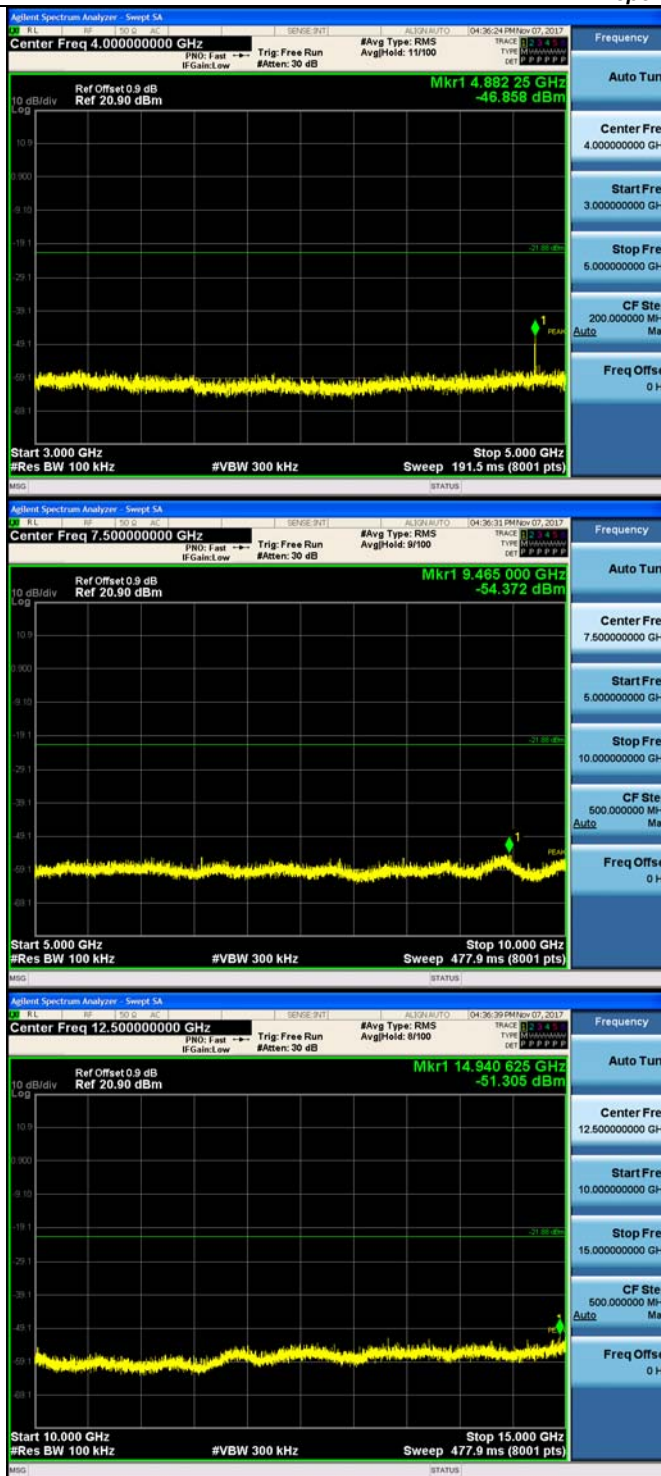


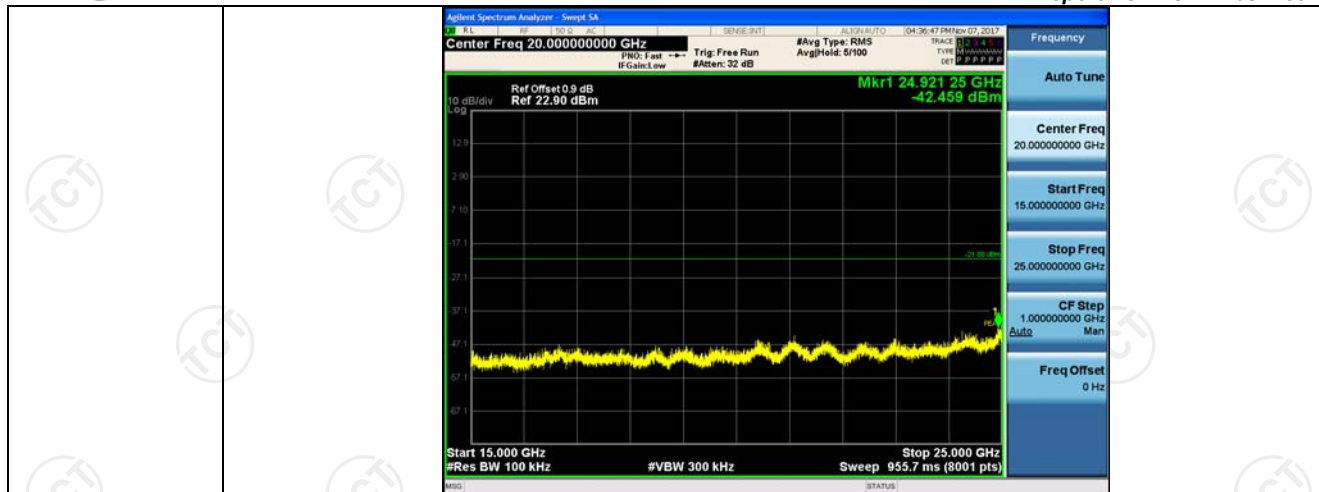




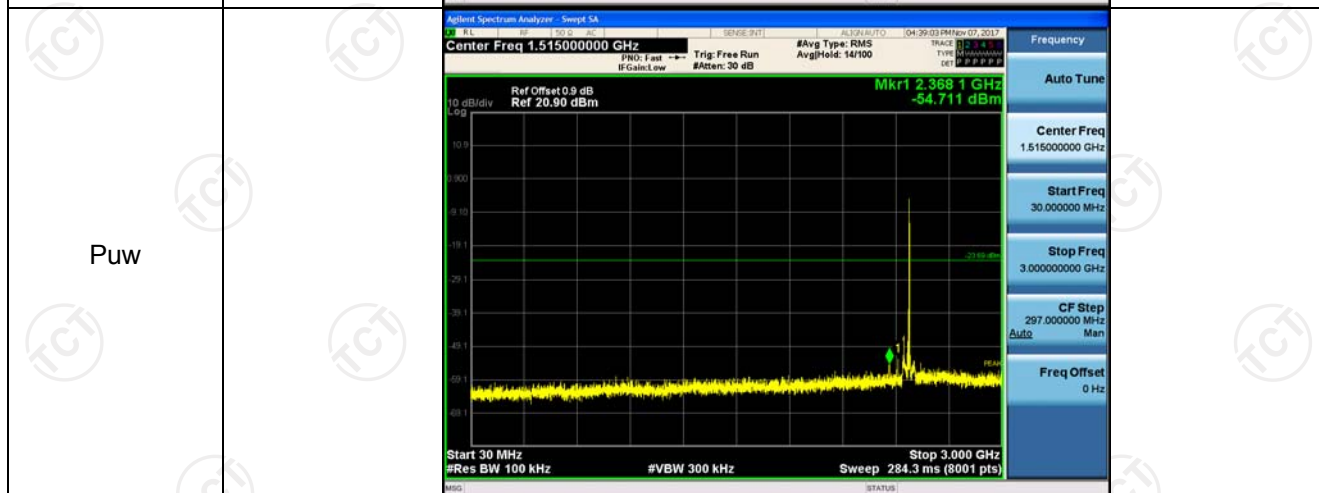
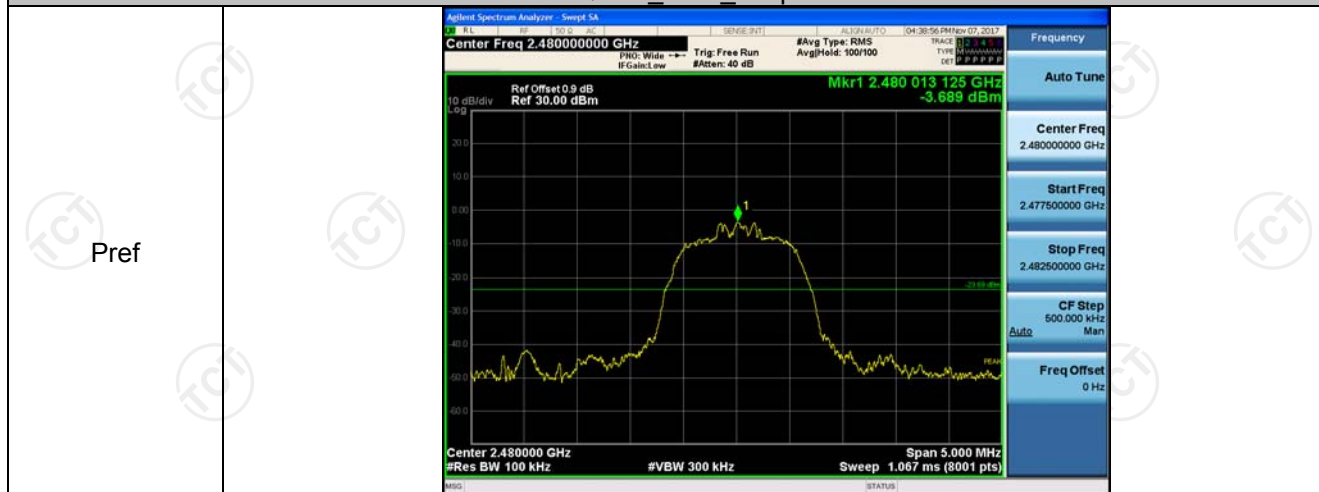


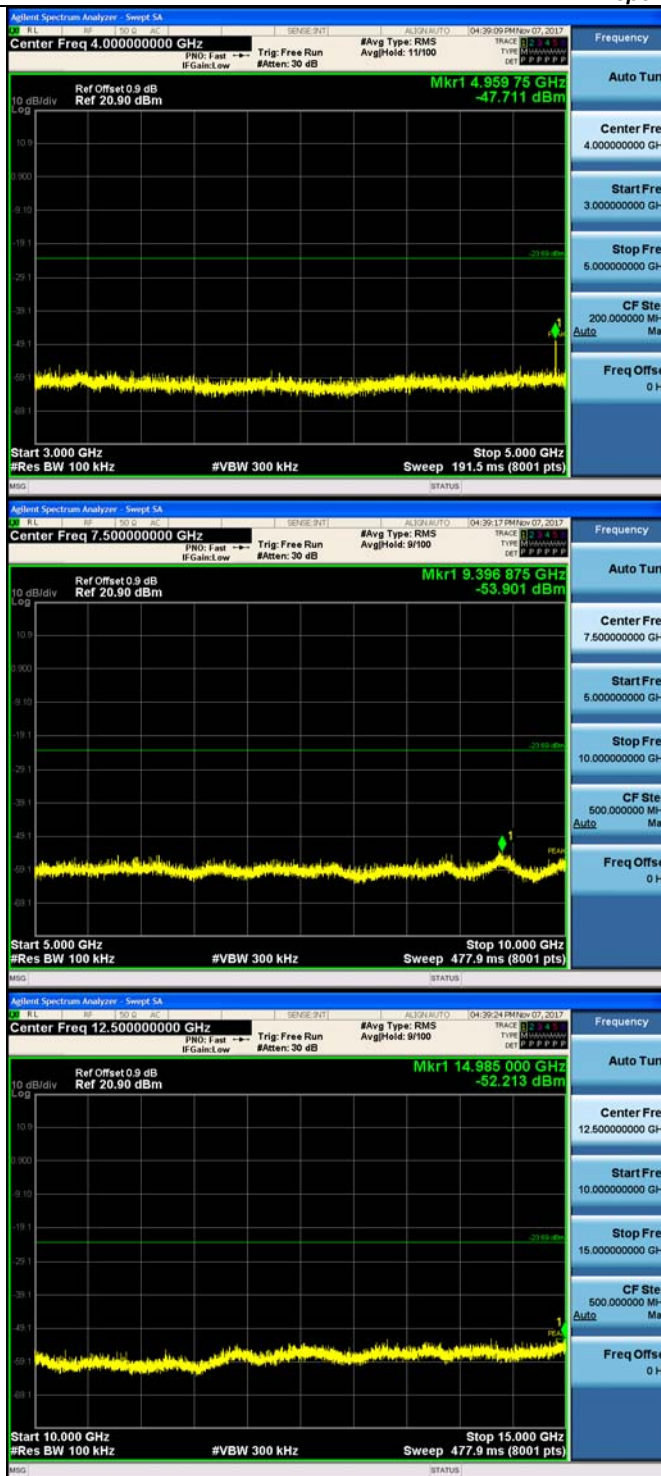


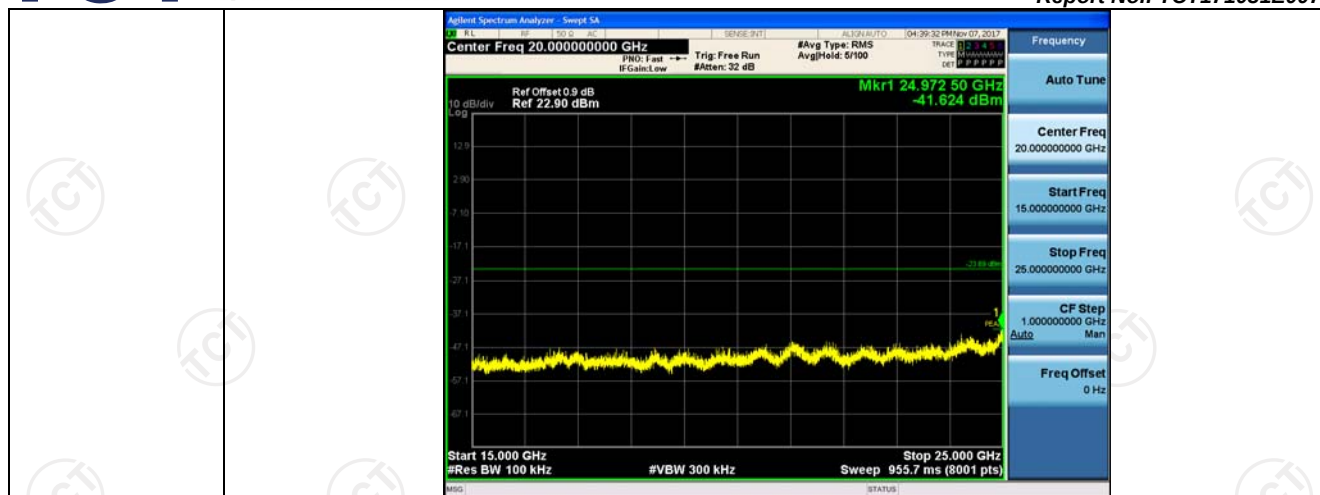




$\pi/4$ DQPSK_HCH_Graphs





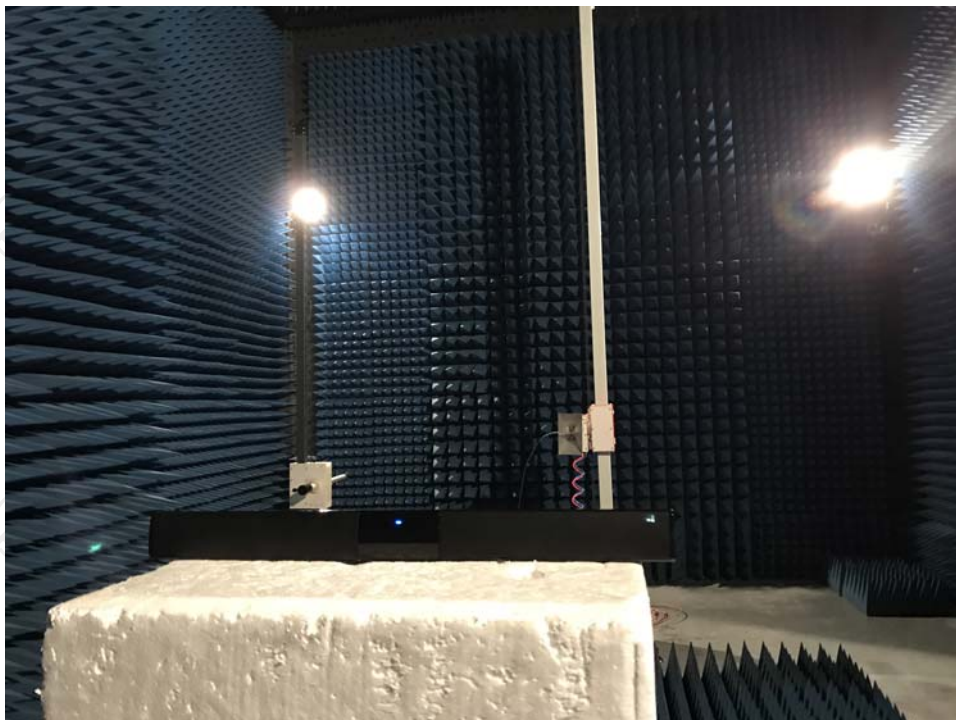
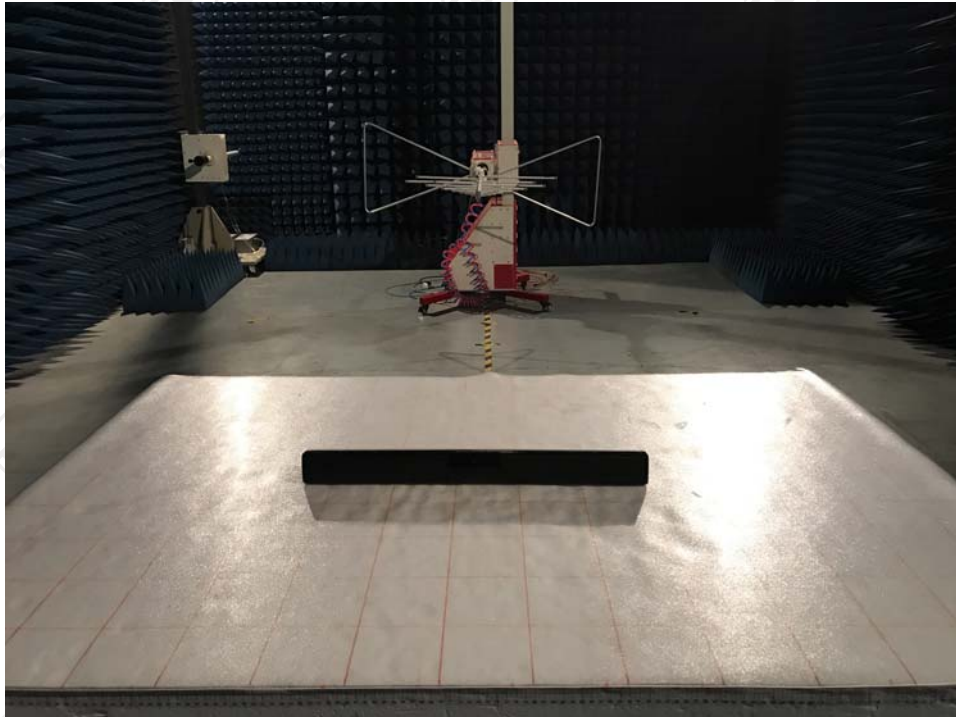


Appendix B: Photographs of Test Setup

Product: Bluetooth Speaker

Model: BS-28

Radiated Emission



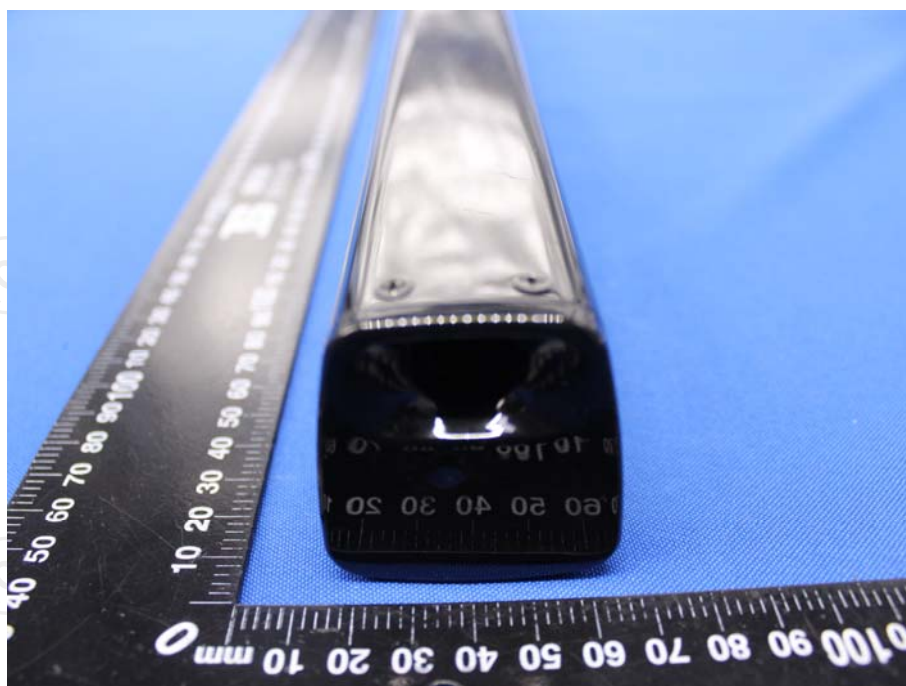
Conducted Emission



Appendix C: Photographs of EUT
Product: Bluetooth Speaker
Model: BS-28
External Photos



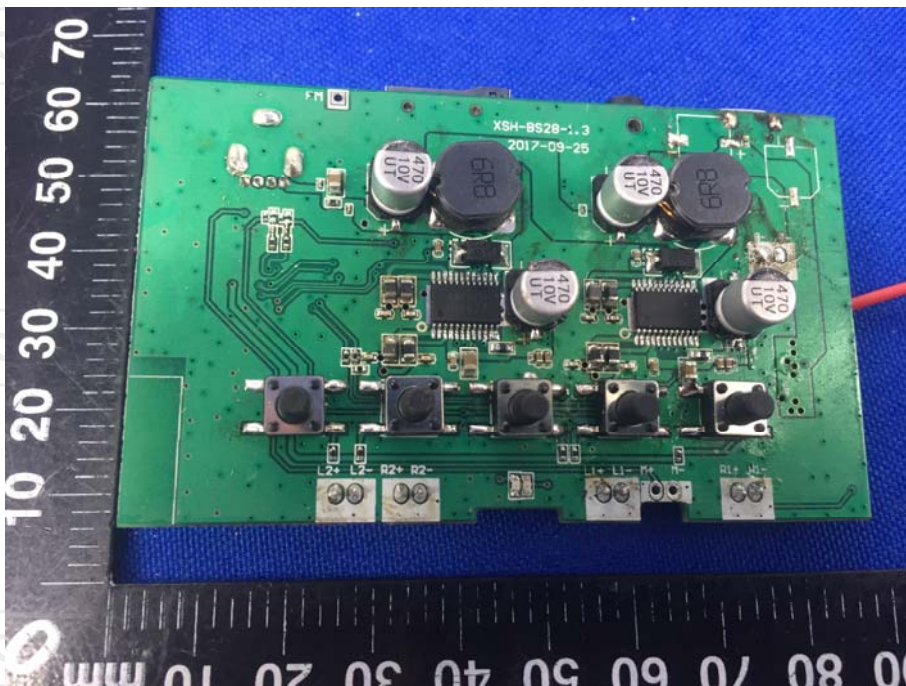
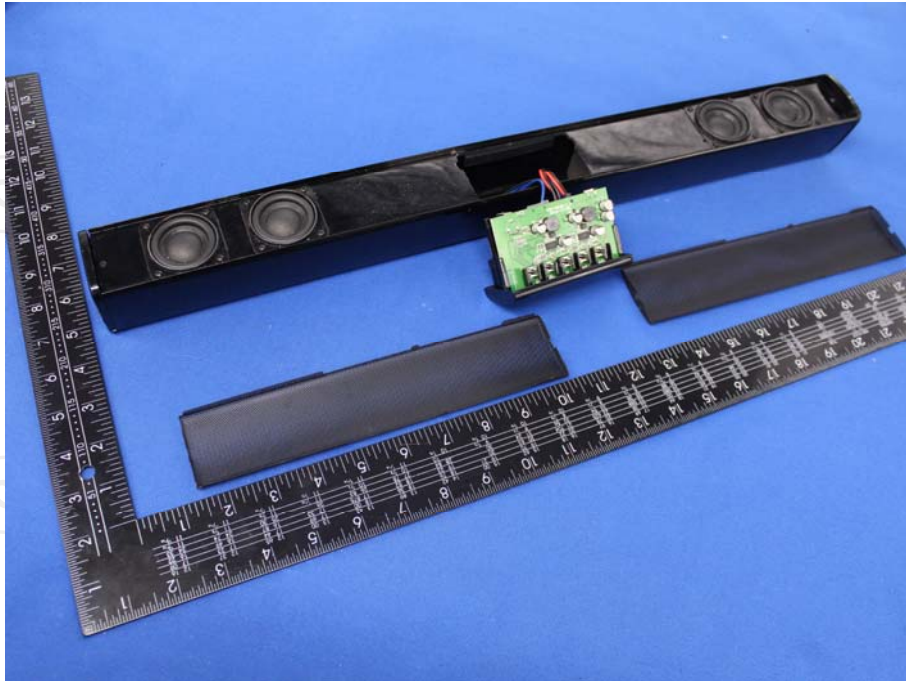


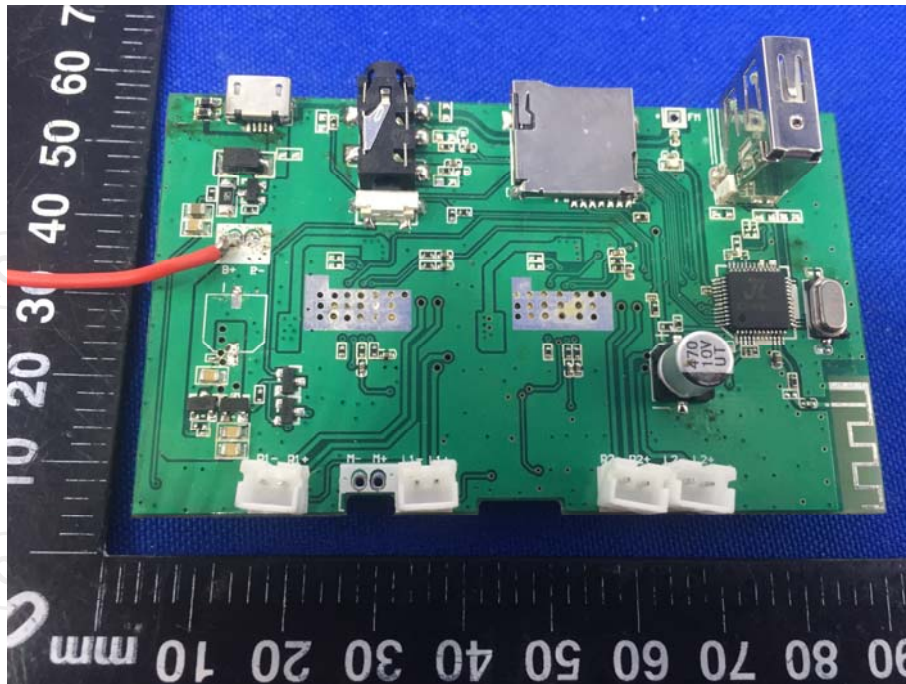


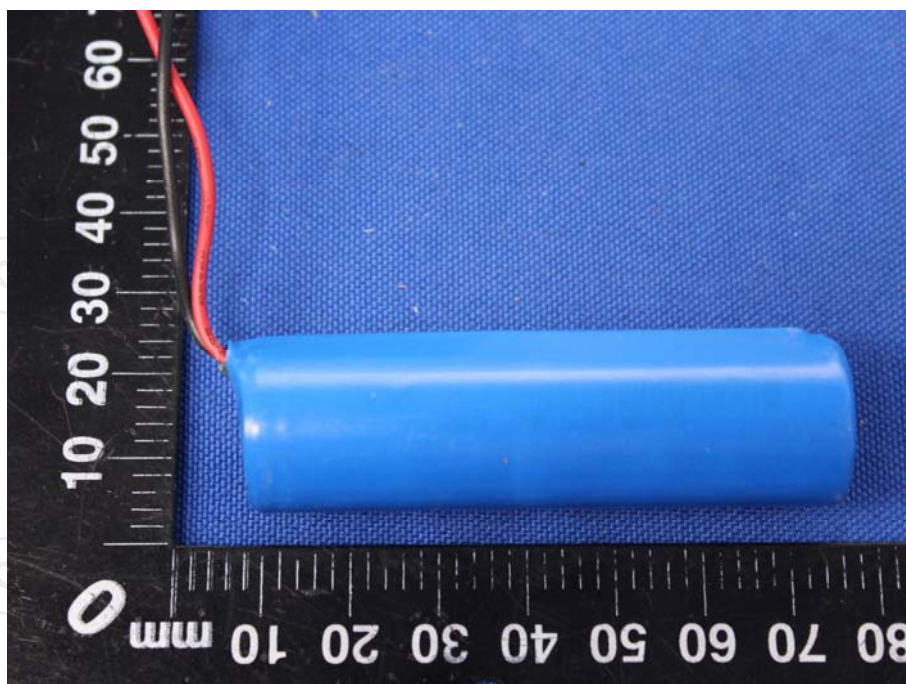




Product: Bluetooth Speaker
Model: BS-28
Internal Photos







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