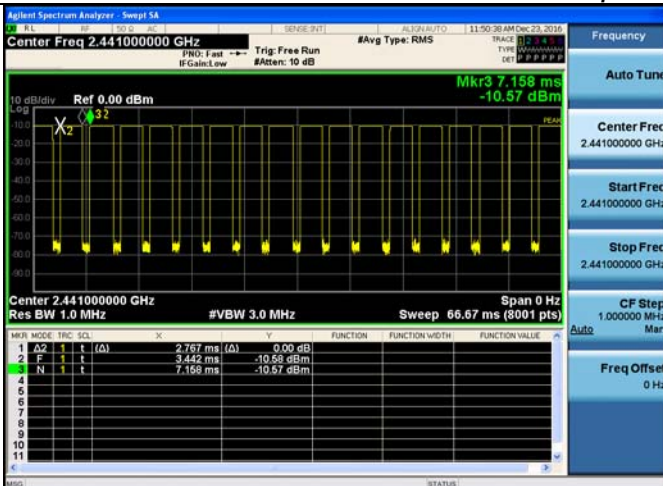
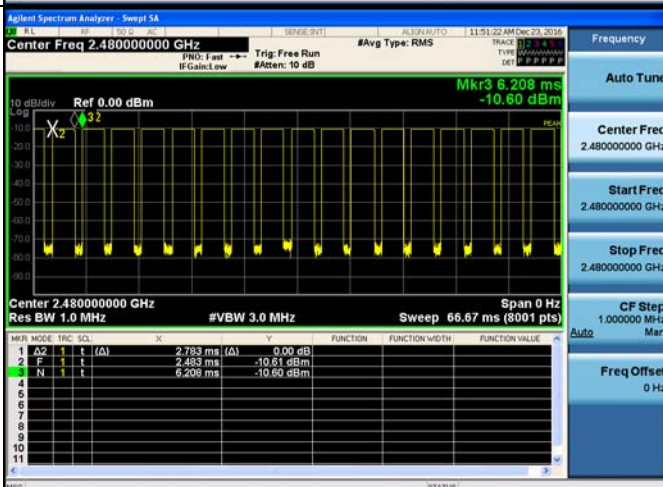


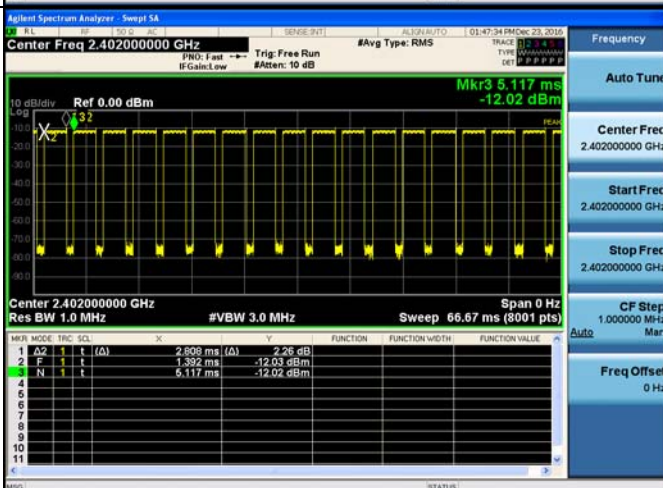
GFSK/MCH



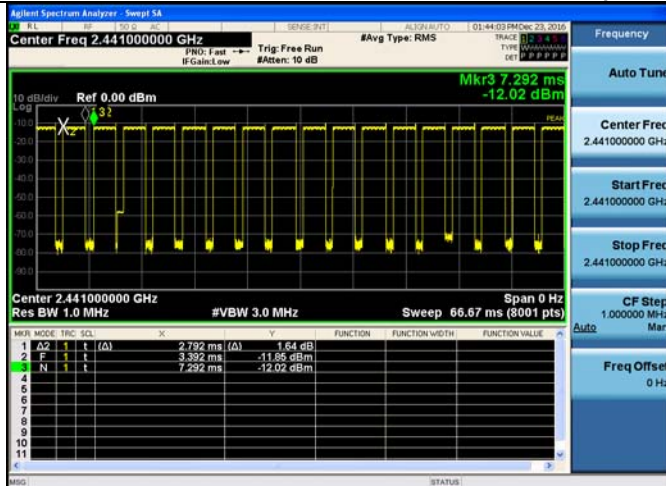
GFSK/HCH



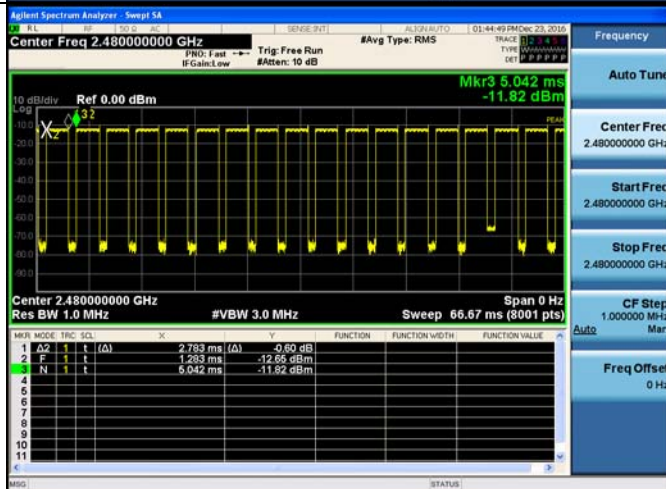
$\pi/4$ DQPSK/LCH



$\pi/4$ DQPSK/MCH



$\pi/4$ DQPSK/HCH

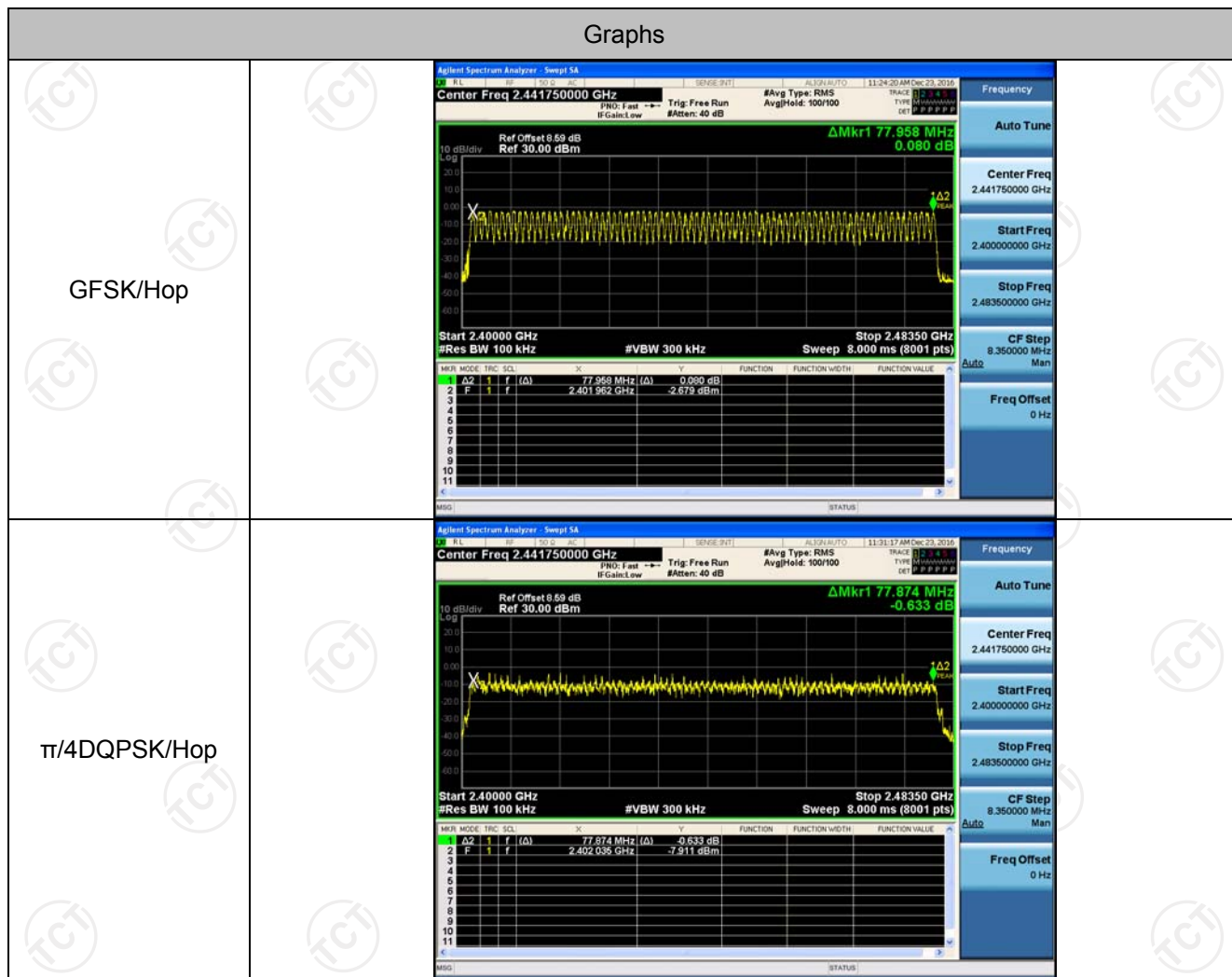


Hopping Channel Number

Result Table

Mode	Channel.	Number of Hopping Channel	Verdict
GFSK	Hop	79	PASS
$\pi/4$ DQPSK	Hop	79	PASS

Test Graph



Conducted Peak Output Power

Result Table

Mode	Channel.	Maximum Peak Output Power [dBm]	Verdict
GFSK	LCH	-1.254	PASS
GFSK	MCH	-1.720	PASS
GFSK	HCH	-1.763	PASS
$\pi/4$ DQPSK	LCH	-1.402	PASS
$\pi/4$ DQPSK	MCH	-1.792	PASS
$\pi/4$ DQPSK	HCH	-1.877	PASS

Test Graph

Graphs

GFSK/LCH



GFSK/MCH



GFSK/HCH



$\pi/4$ DQPSK/LCH



$\pi/4$ DQPSK/MCH



π/4DQPSK/HCH

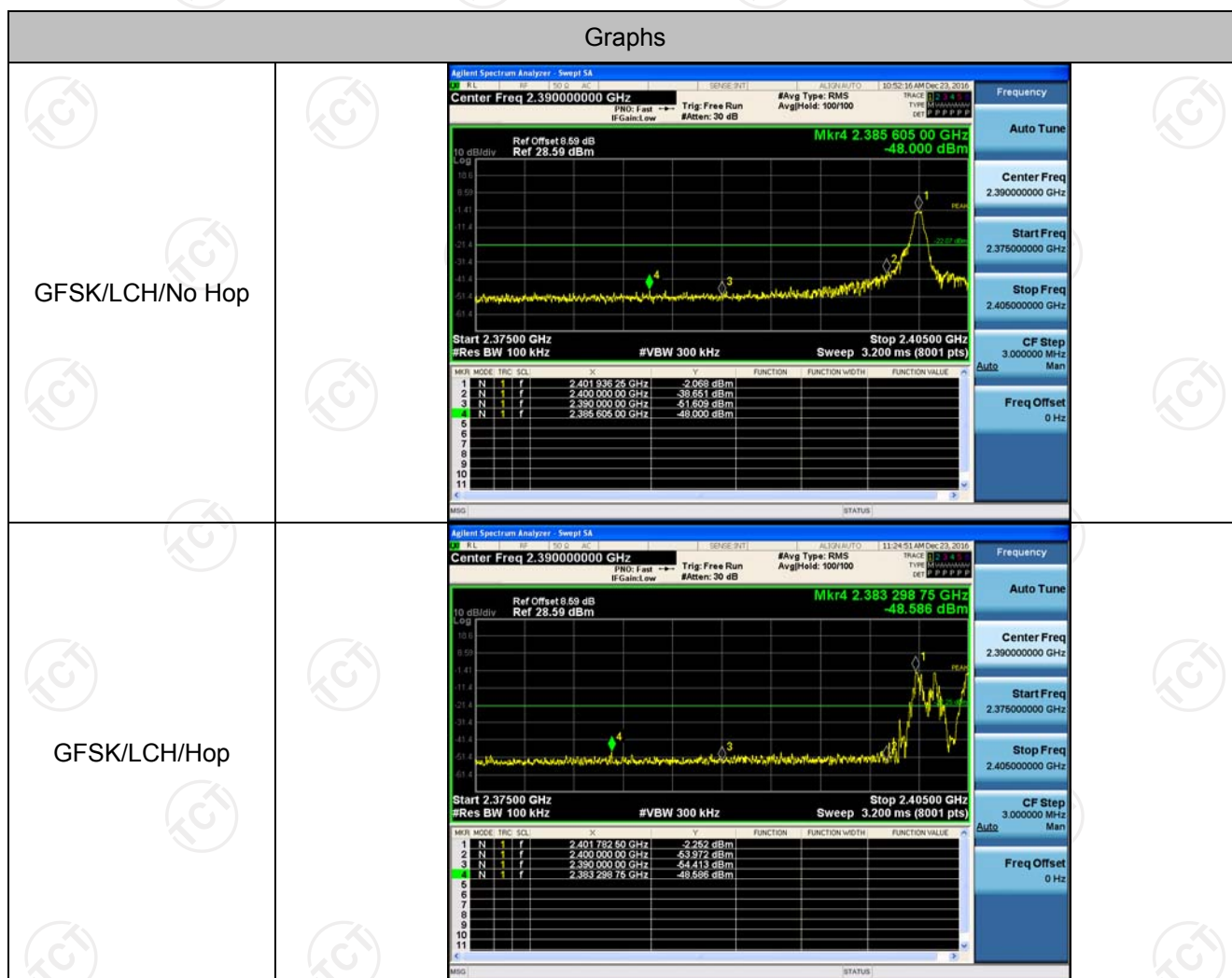


Band-edge for RF Conducted Emissions

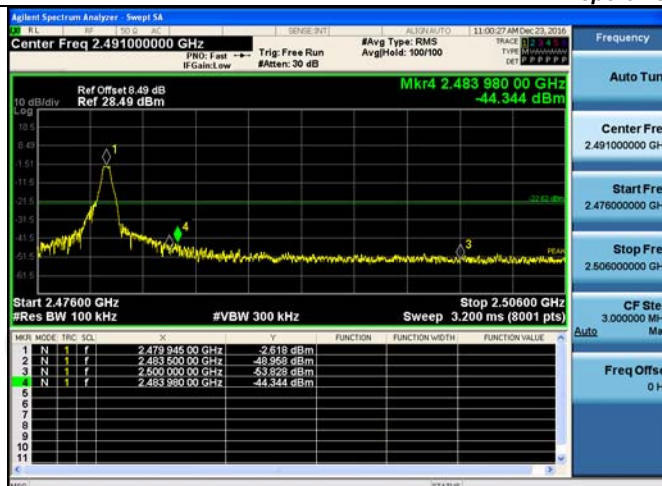
Result Table

Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict
GFSK	LCH	2402	-2.068	Off	-48.000	-22.07	PASS
			-2.252	On	-48.586	-22.25	PASS
GFSK	HCH	2480	-2.618	Off	-44.344	-22.62	PASS
			-3.641	On	-47.747	-23.64	PASS
π /4DQPSK	LCH	2402	-3.651	Off	-47.988	-23.65	PASS
			-7.532	On	-50.881	-27.53	PASS
π /4DQPSK	HCH	2480	-4.256	Off	-39.509	-24.26	PASS
			-4.054	On	-38.775	-24.05	PASS

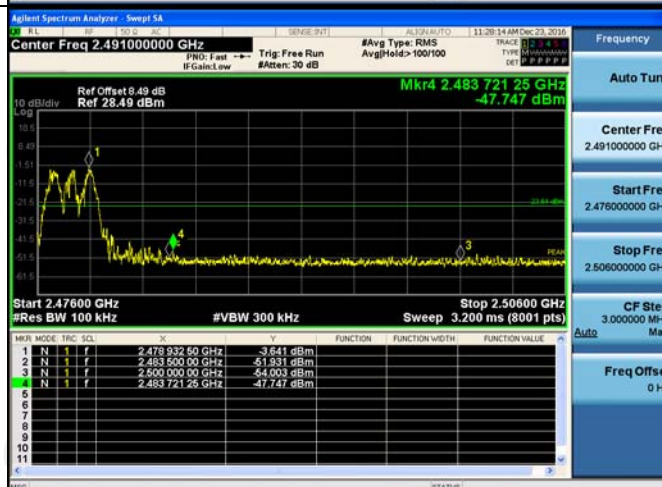
Test Graph



GFSK/HCH/No Hop



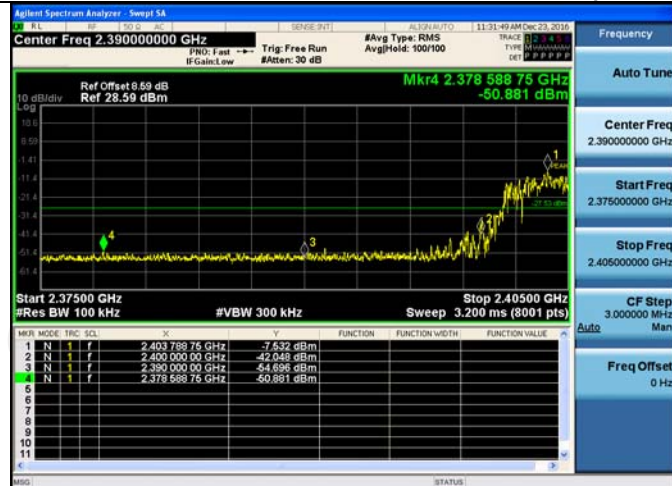
GFSK/HCH/Hop



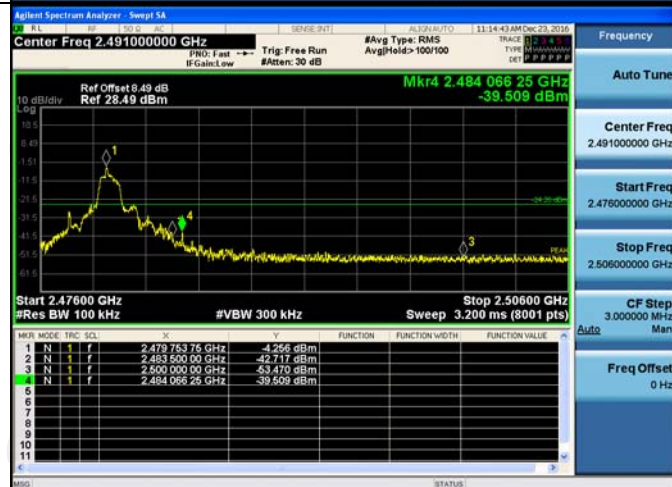
$\pi/4$ DQPSK/LCH/No Hop



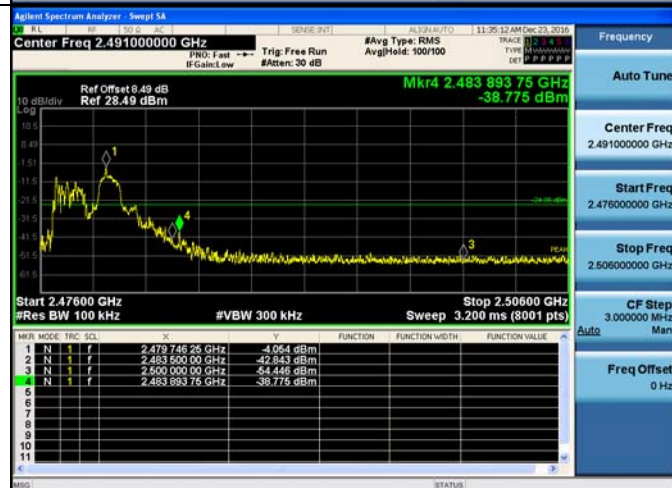
$\pi/4$ DQPSK/LCH/Hop



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



$\pi/4$ DQPSK/HCH/Hop

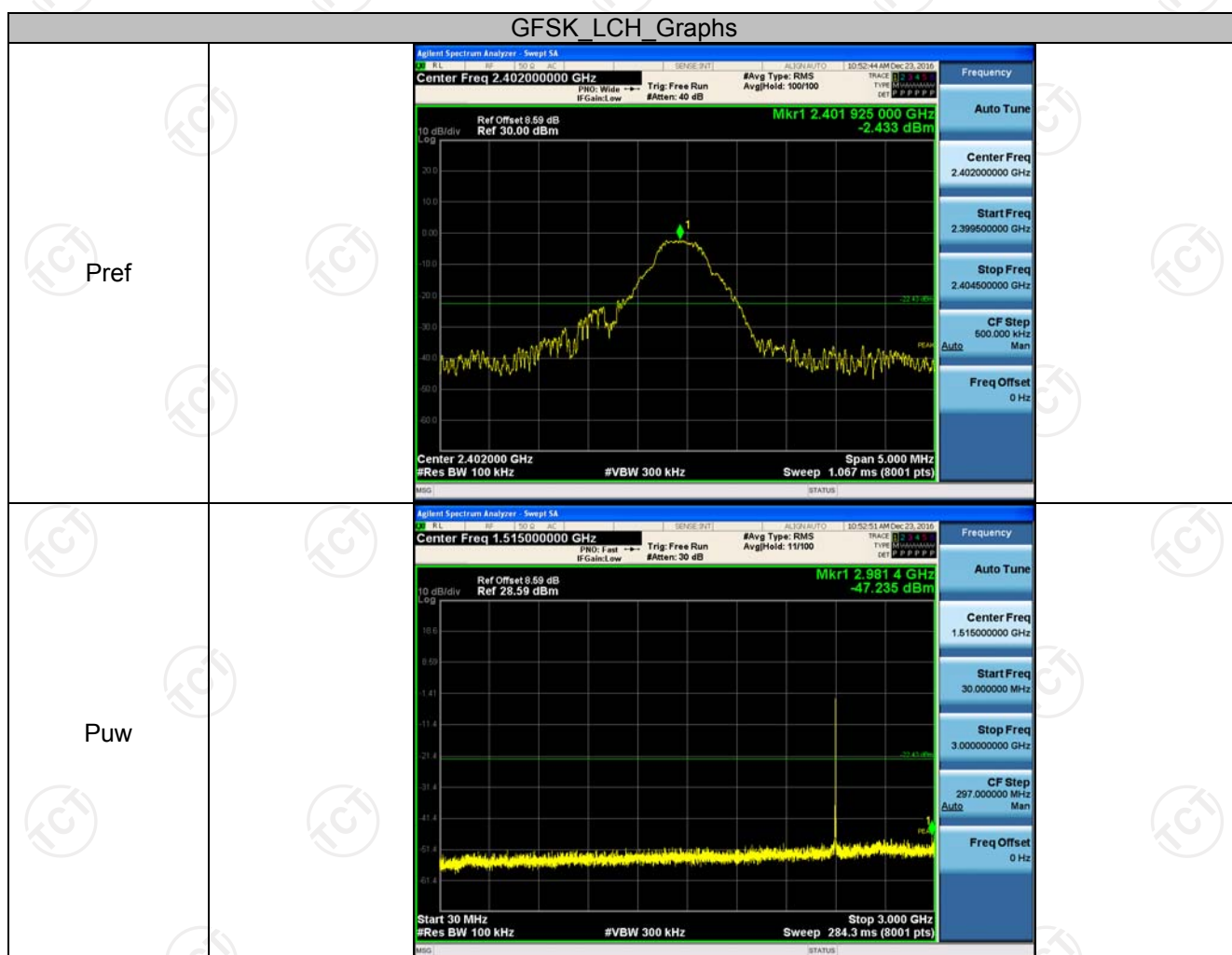


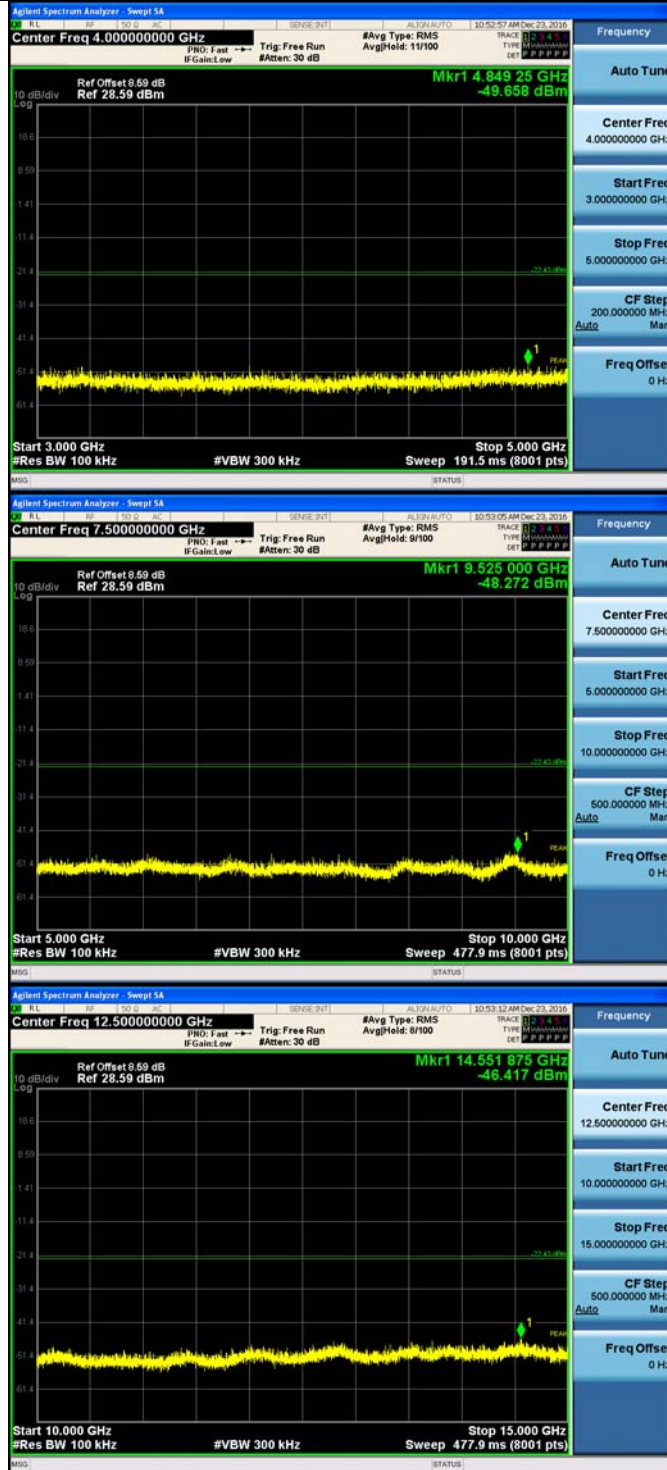
RF Conducted Spurious Emissions

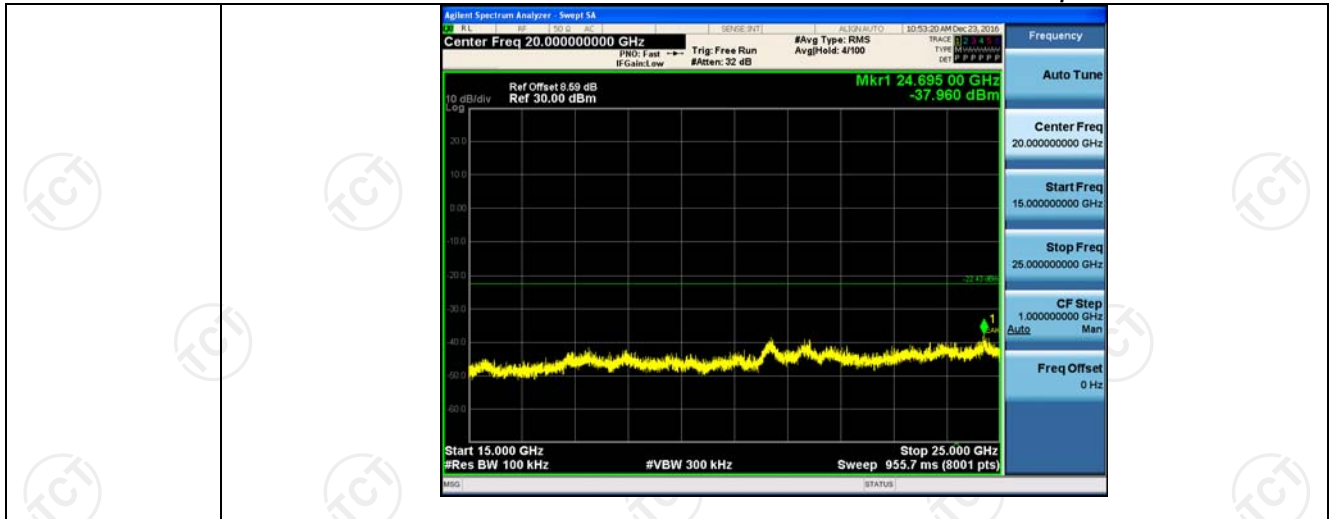
Result Table

Mode	Channel	Pref [dBm]	Puw [dBm]	Verdict
GFSK	LCH	-2.433	<Limit	PASS
GFSK	MCH	-2.702	<Limit	PASS
GFSK	HCH	-2.962	<Limit	PASS
$\pi/4$ DQPSK	LCH	-3.521	<Limit	PASS
$\pi/4$ DQPSK	MCH	-4.325	<Limit	PASS
$\pi/4$ DQPSK	HCH	-3.291	<Limit	PASS

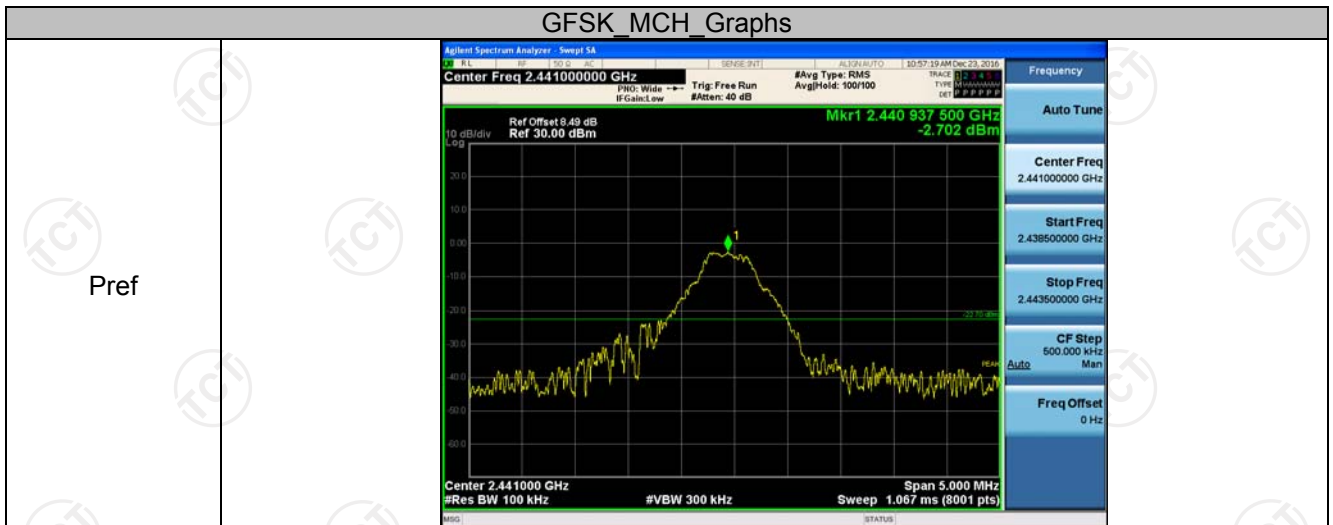
Test Graph



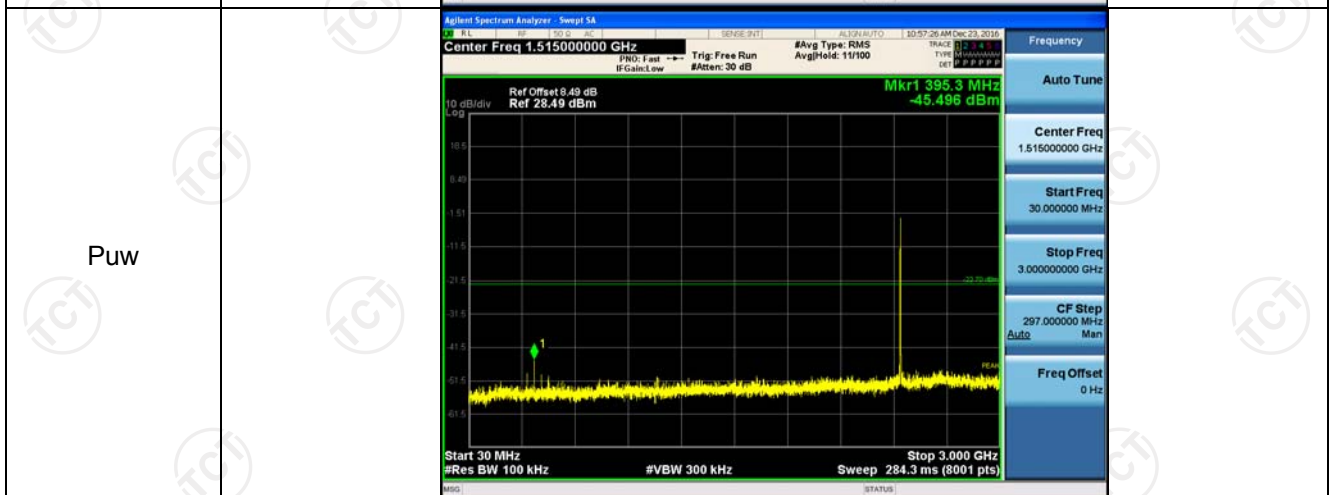




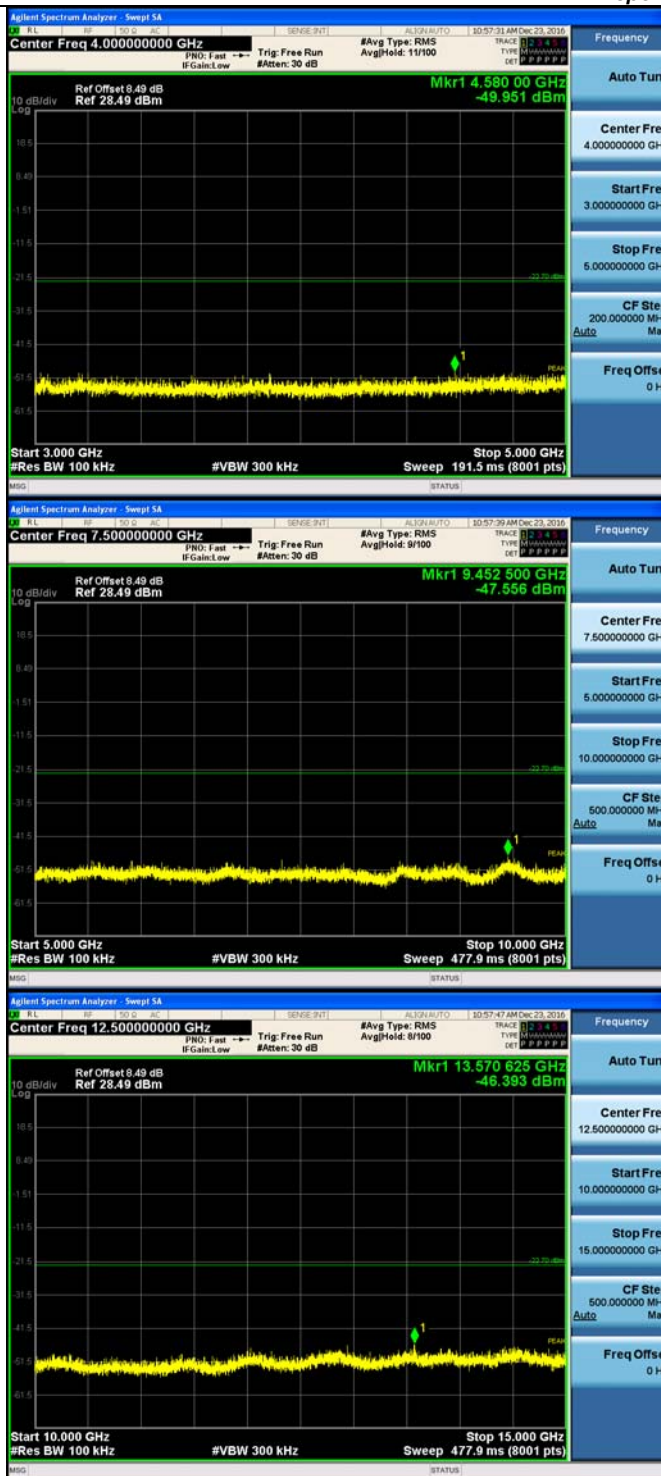
GFSK_MCH_Graphs

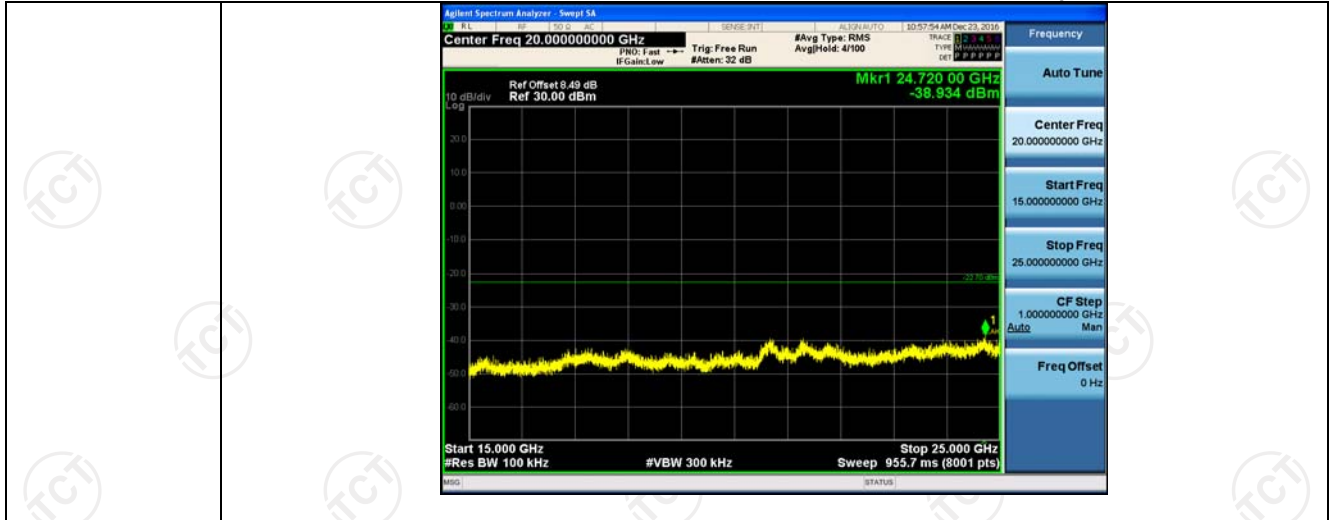


Pref

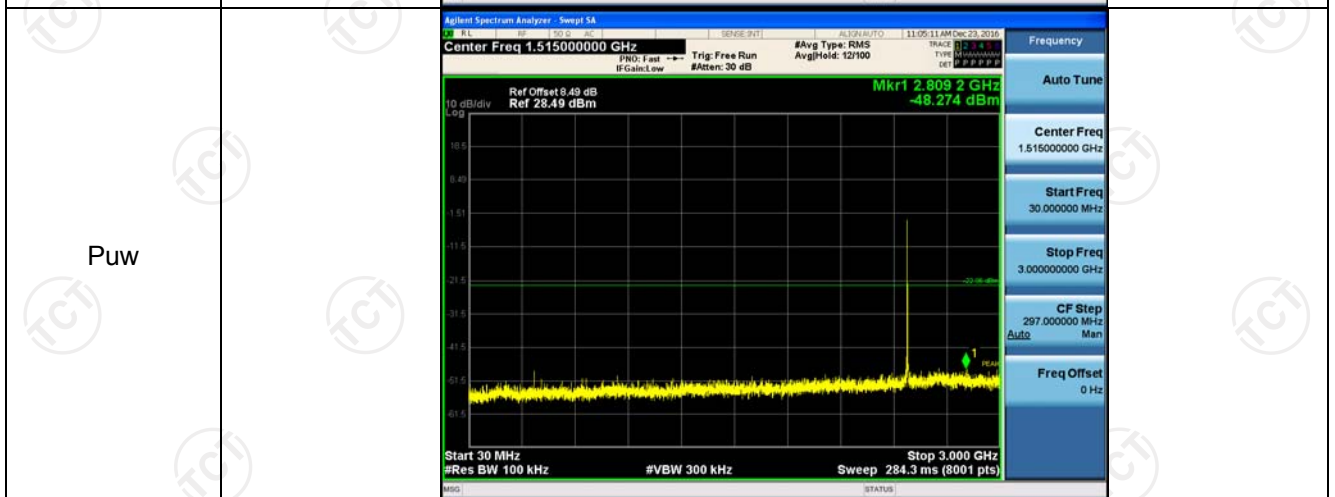
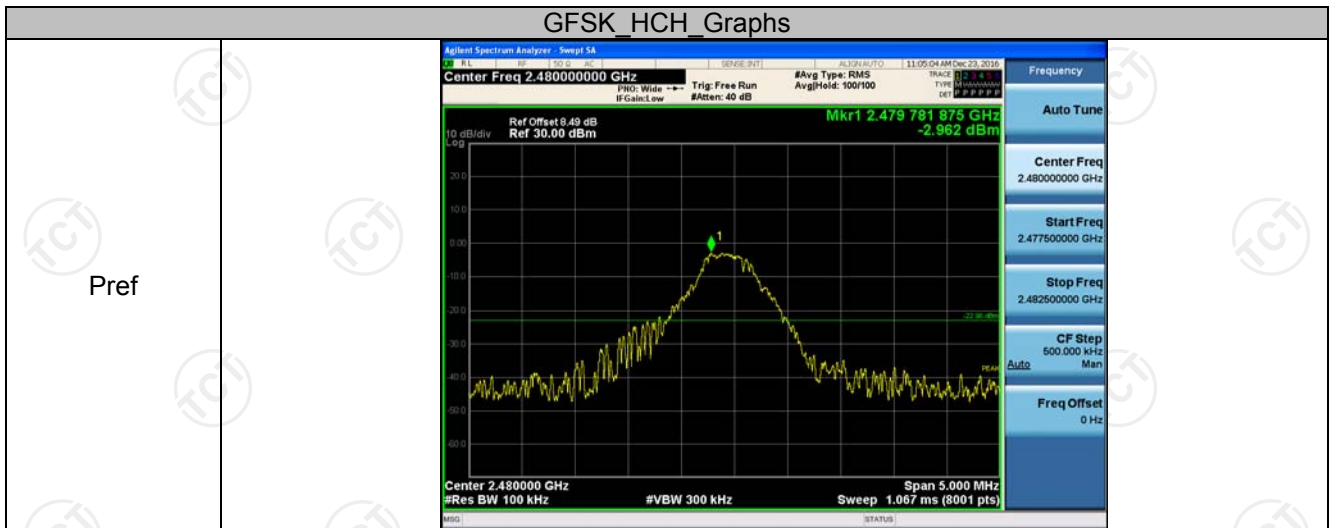


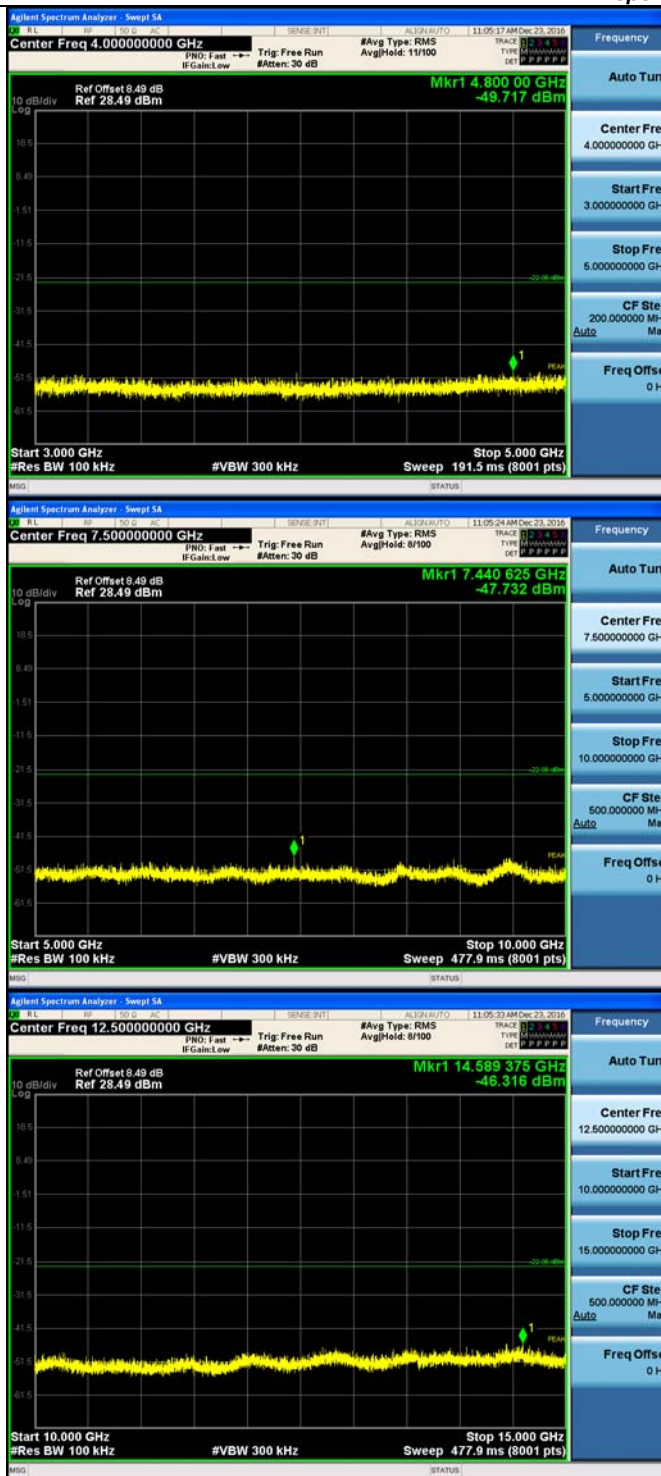
Puw

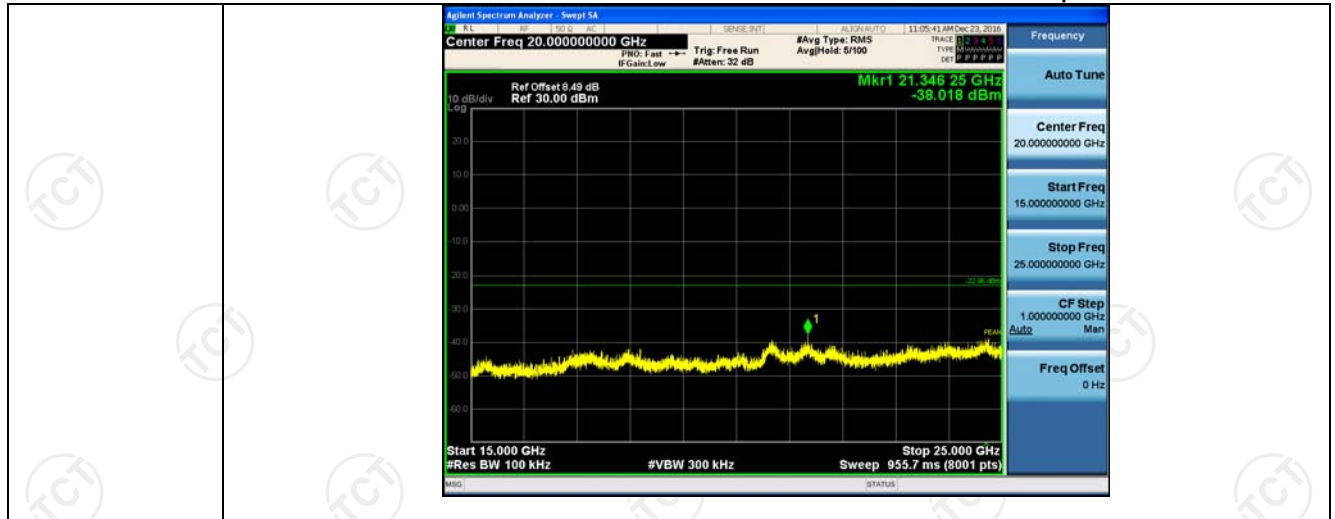




GFSK HCH_Graphs

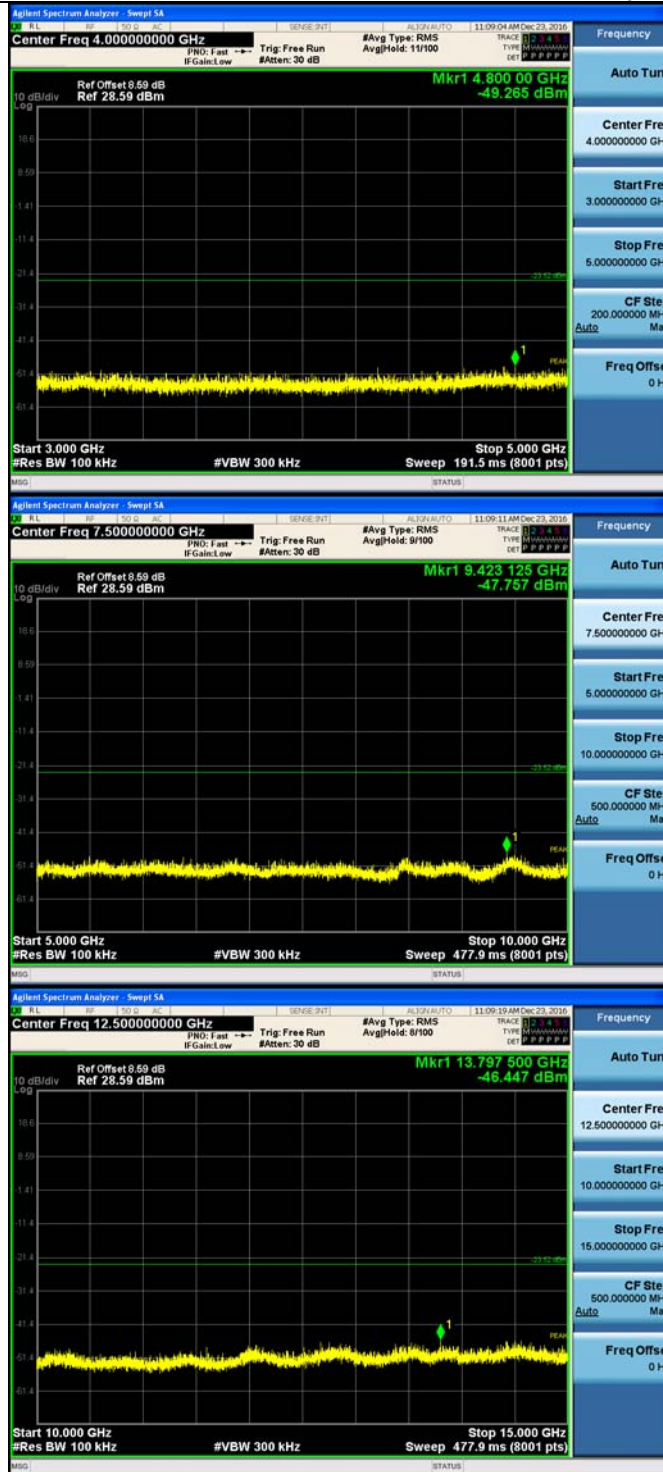


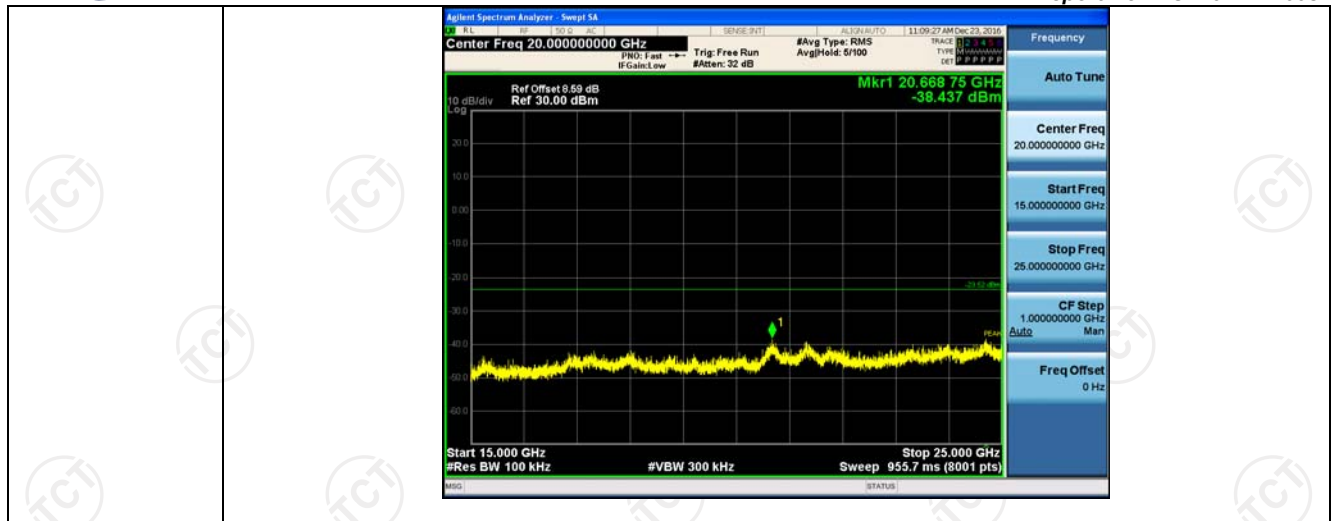




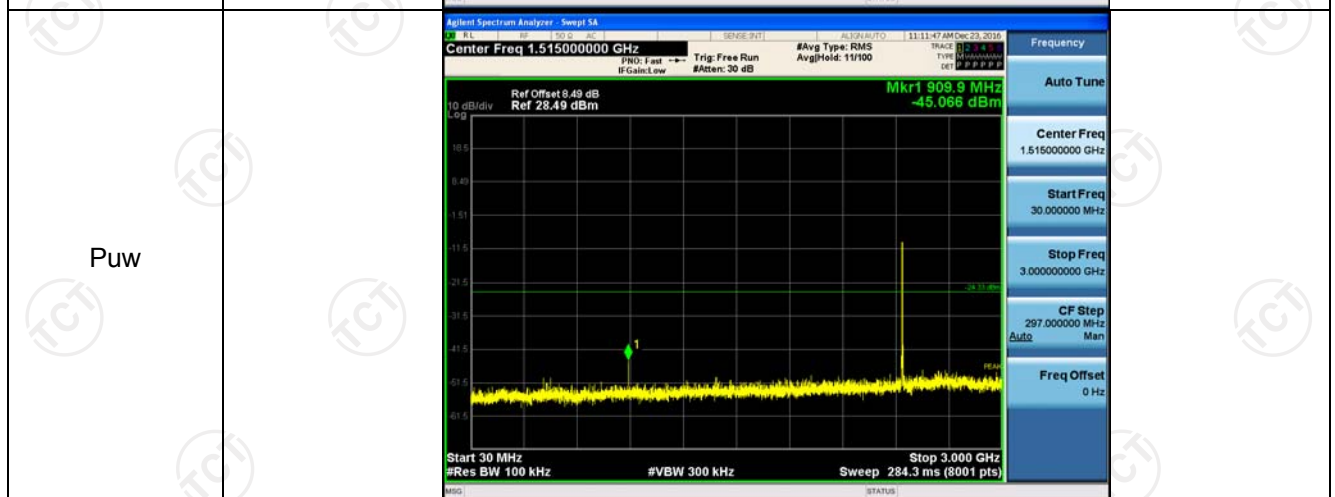
$\pi/4$ DQPSK LCH_Graphs

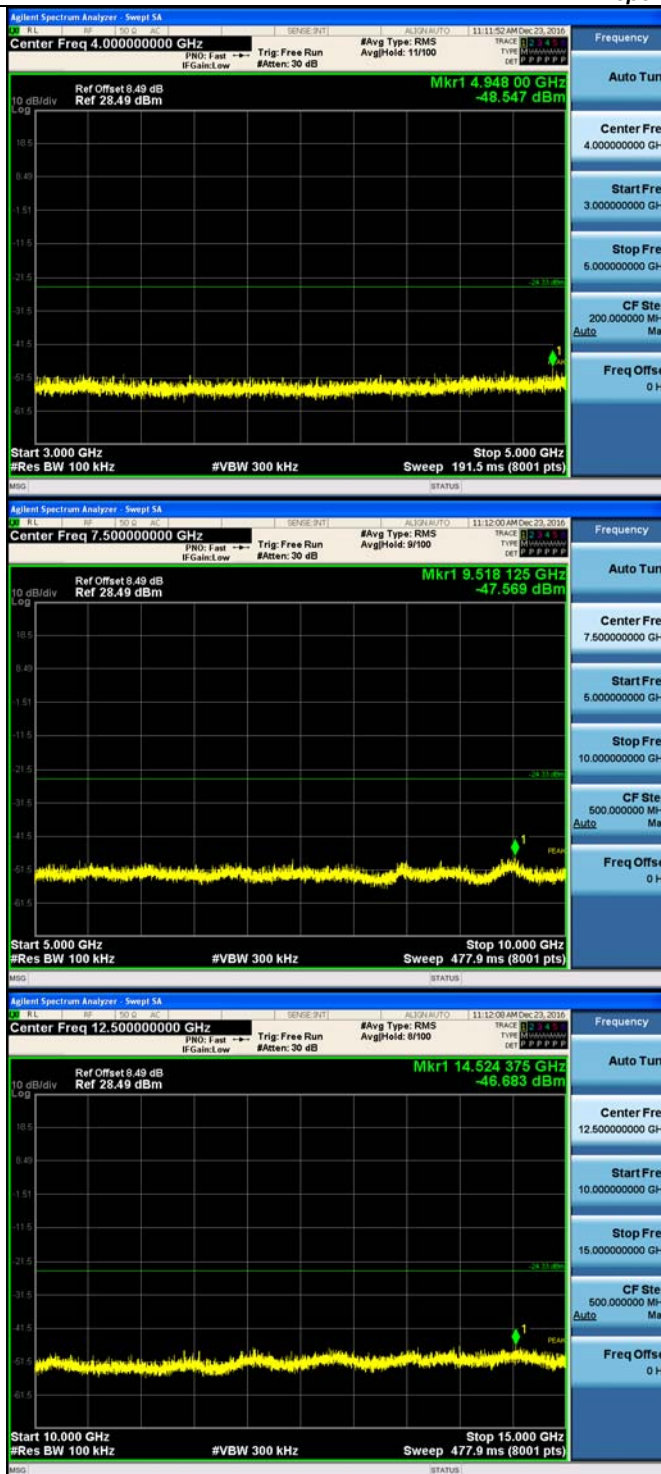


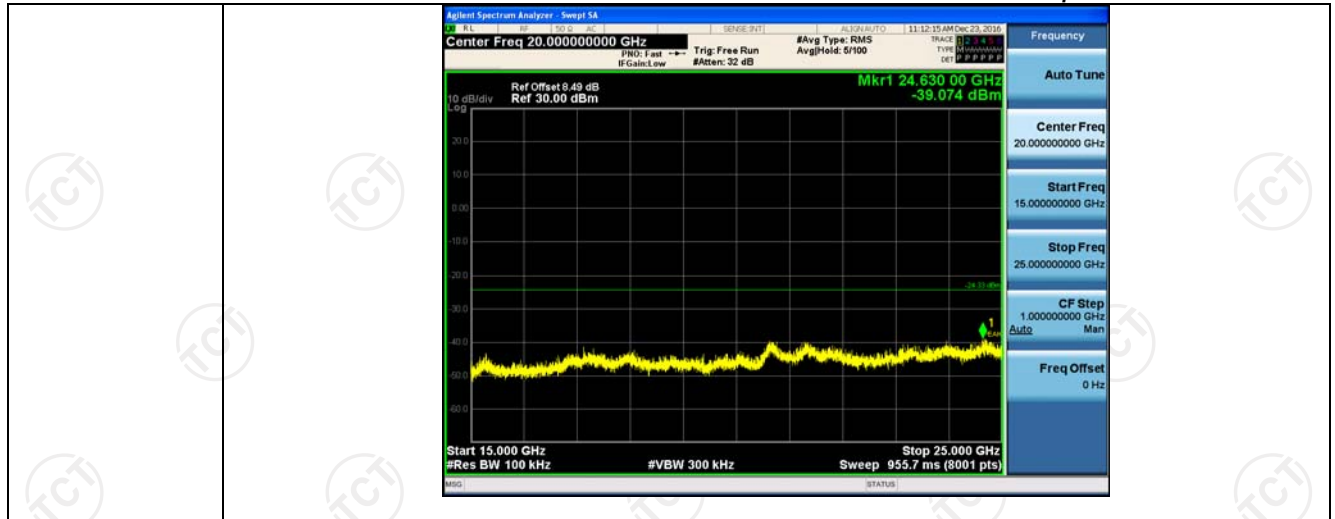




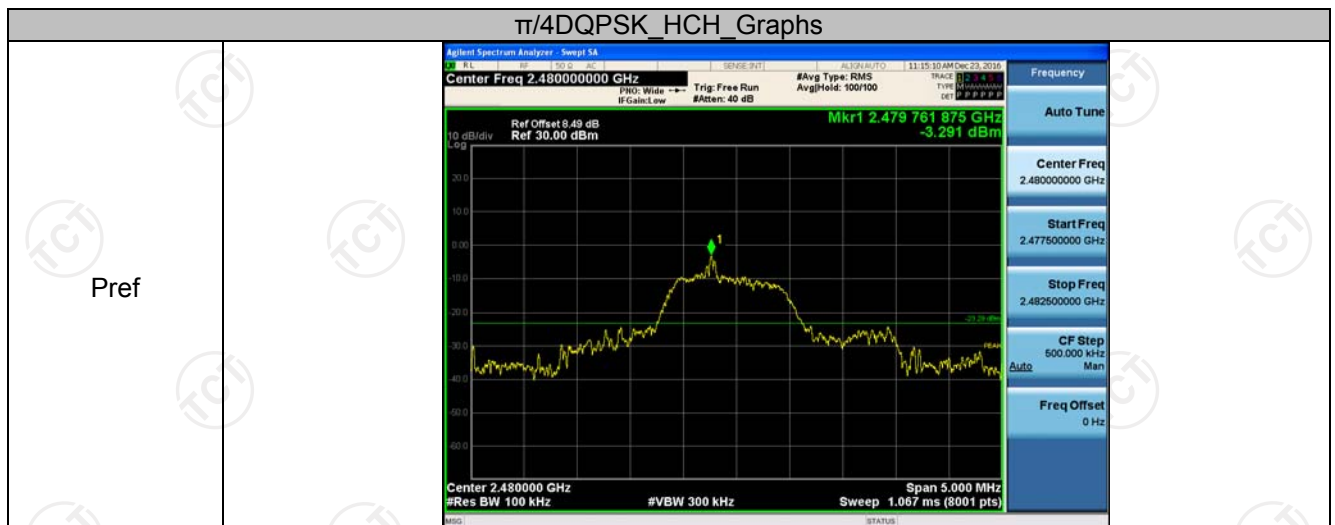
$\pi/4$ DQPSK_MCH_Graphs



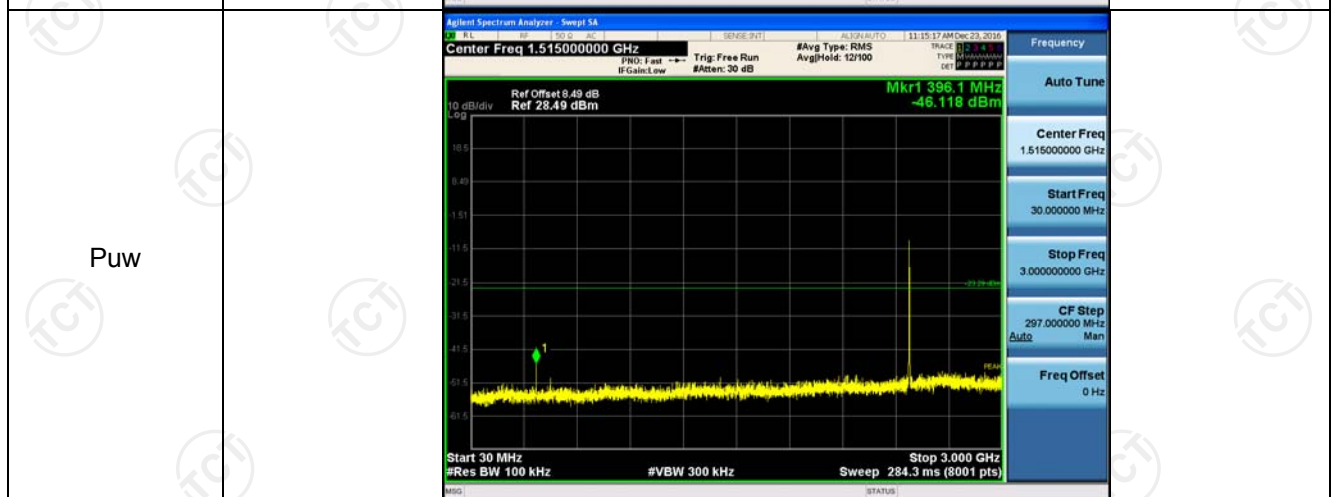




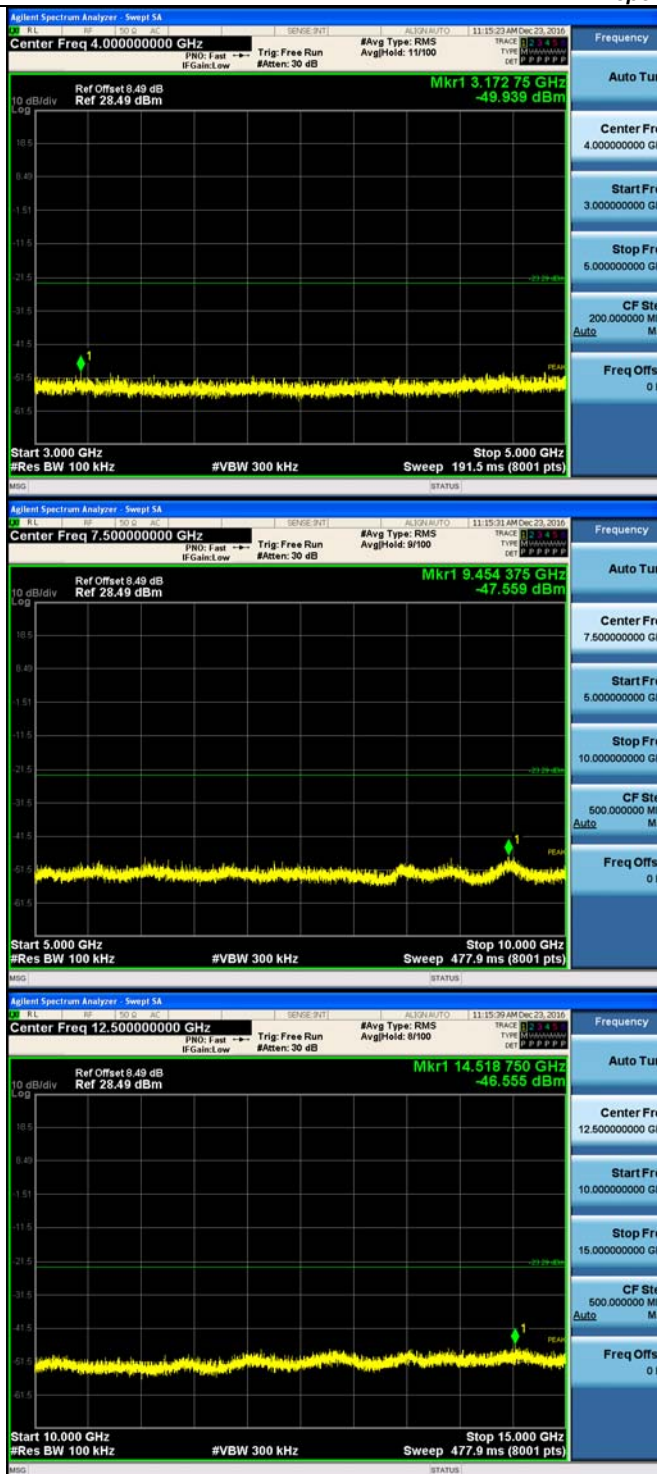
$\pi/4$ DQPSK_HCH_Graphs

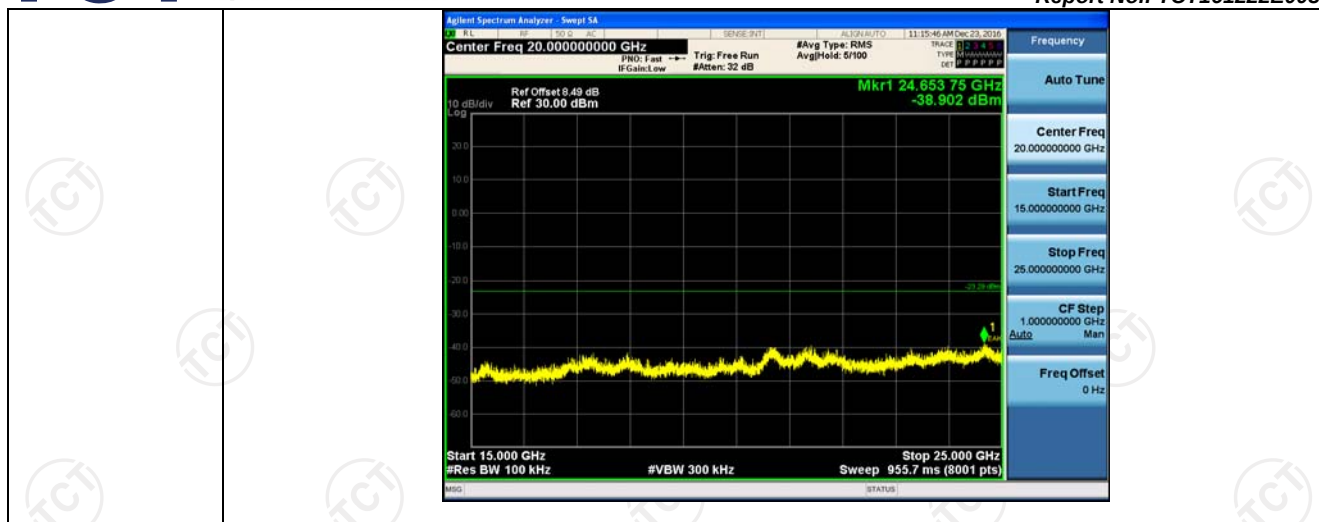


Pref



Puw



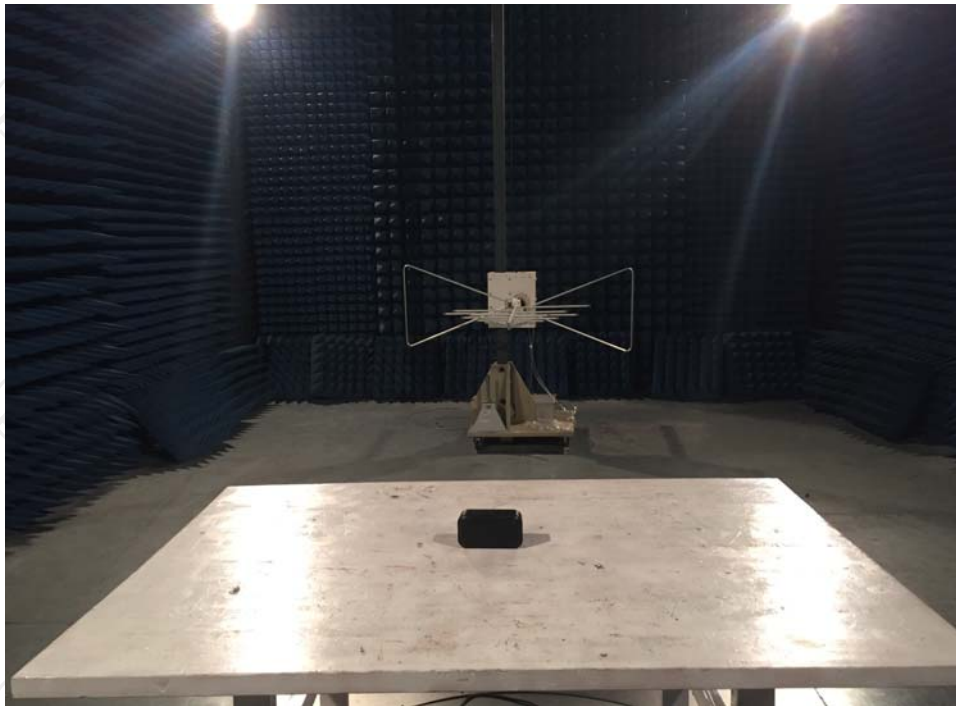


Appendix B: Photographs of Test Setup

Product: Bluetooth Speaker

Model: CQL1587-B

Radiated Emission



CE



Appendix C: Photographs of EUT
Product: Bluetooth Speaker
Model: CQL1587-B
External Photos

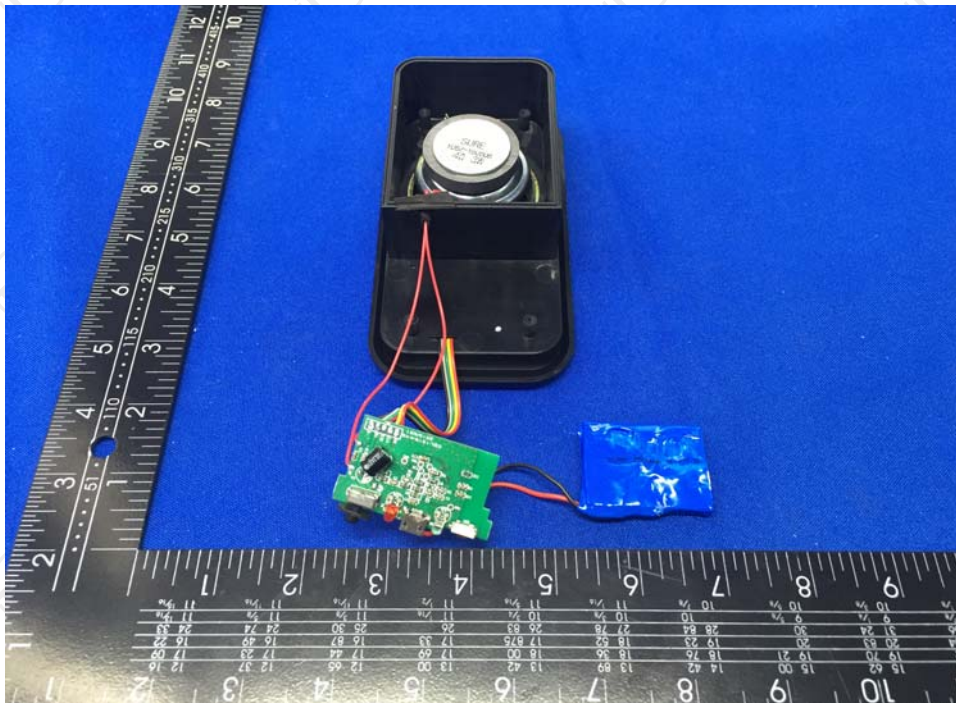
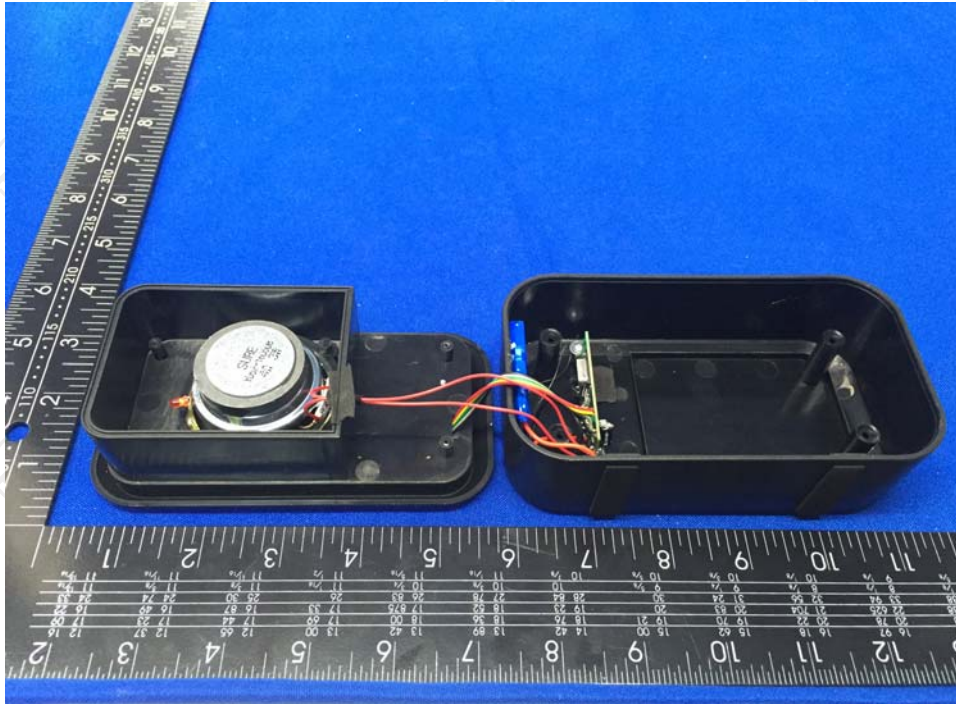


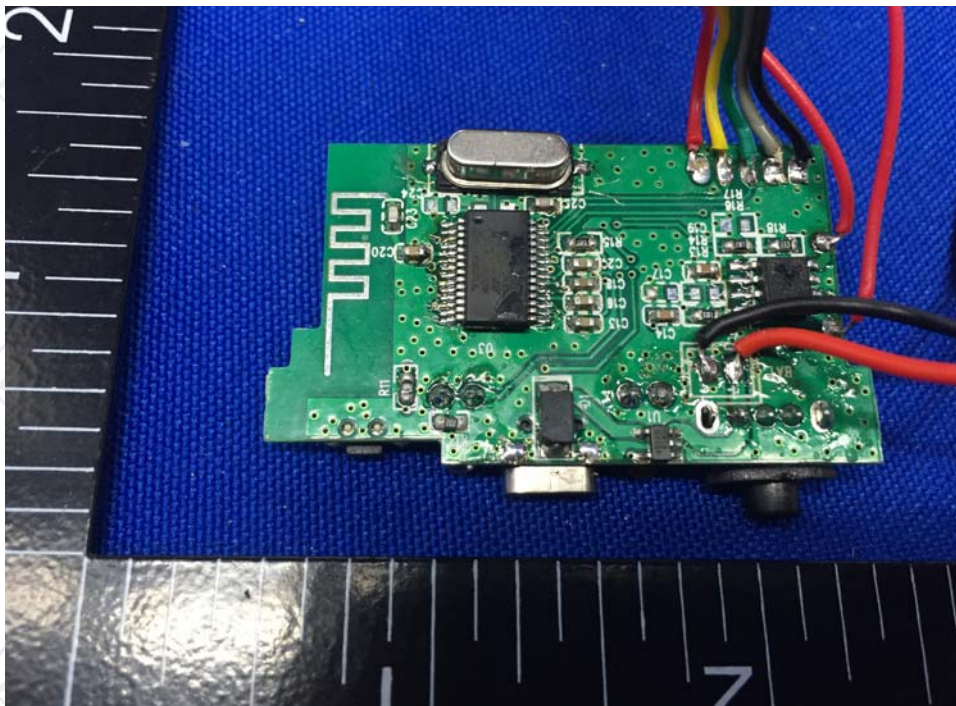
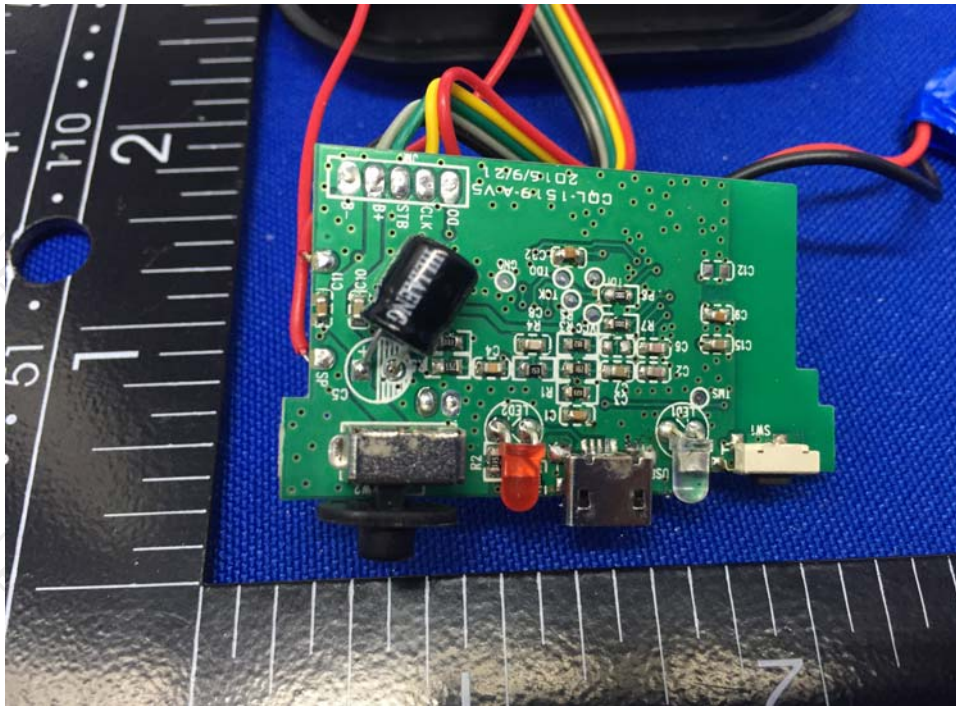


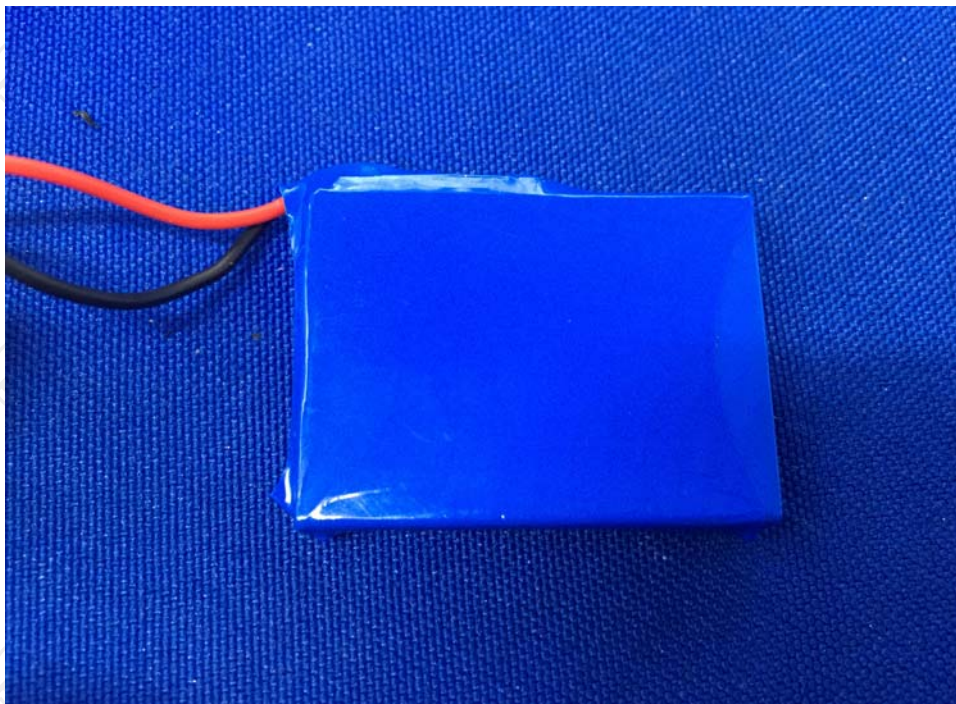




Product: Bluetooth Speaker
Model: CQL1587-B
Internal Photos







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