

π/4DQPSK/HCH

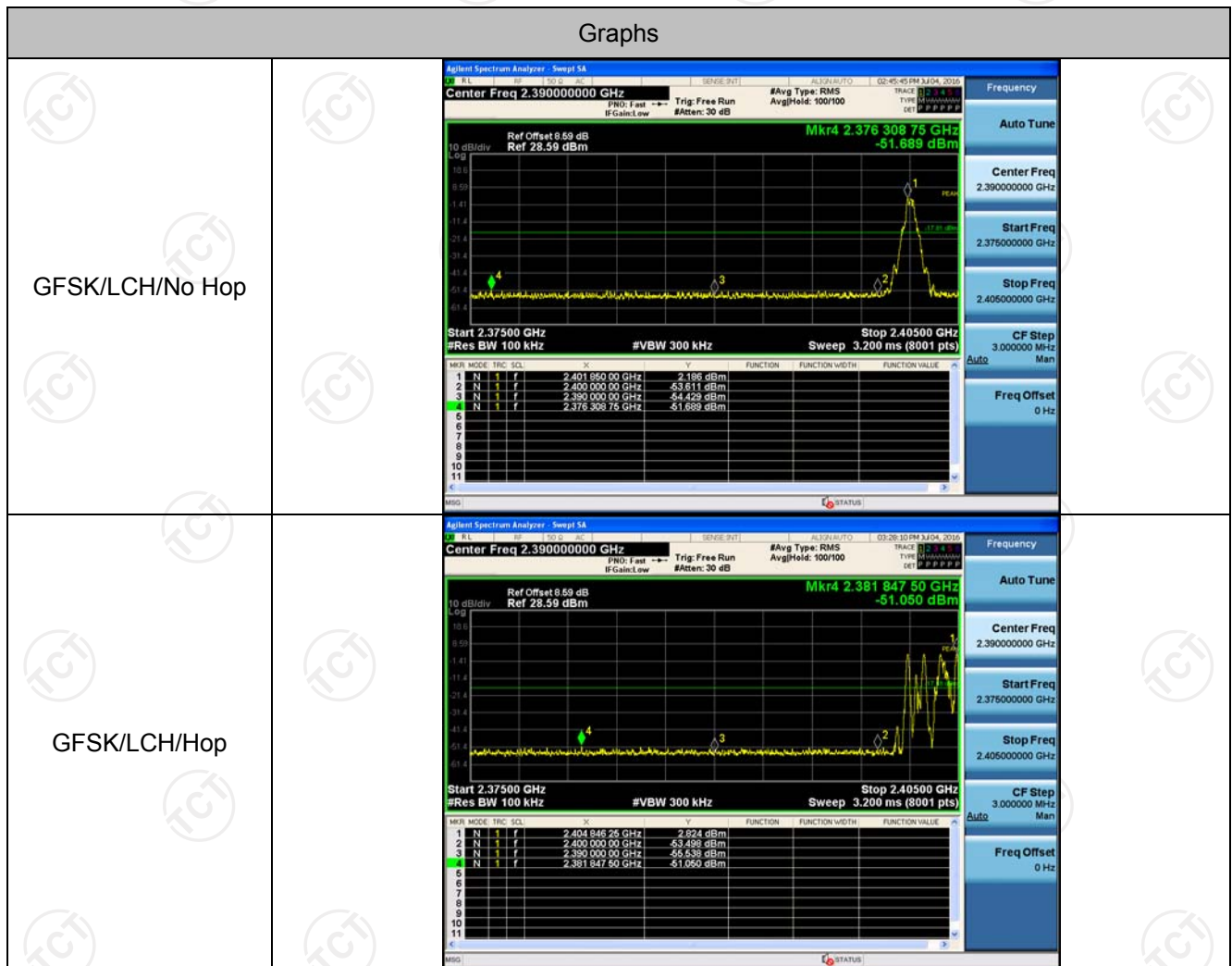


## Band-edge for RF Conducted Emissions

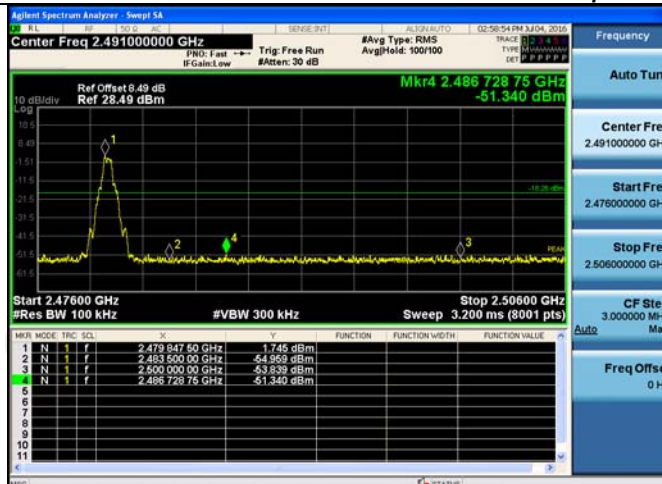
Result Table

Mode	Channel	Carrier Frequency [MHz]	Carrier Power [dBm]	Frequency Hopping	Max Spurious Level [dBm]	Limit [dBm]	Verdict
GFSK	LCH	2402	2.186	Off	-51.689	-17.81	PASS
			2.824	On	-51.050	-17.18	PASS
GFSK	HCH	2480	1.745	Off	-51.340	-18.26	PASS
			2.349	On	-51.611	-17.65	PASS
$\pi$ /4DQPSK	LCH	2402	0.786	Off	-51.639	-19.21	PASS
			0.245	On	-51.214	-19.76	PASS
$\pi$ /4DQPSK	HCH	2480	0.579	Off	-51.532	-19.42	PASS
			-0.678	On	-50.856	-20.68	PASS

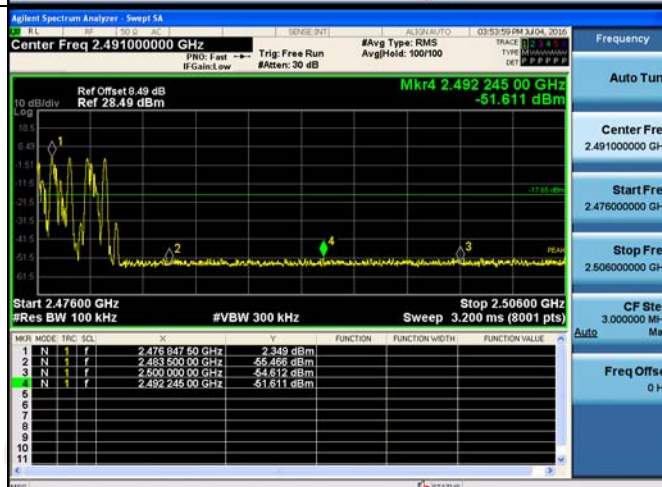
Test Graph



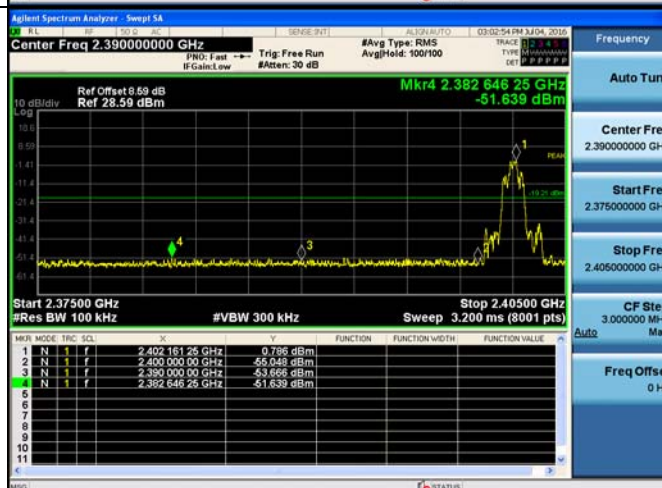
GFSK/HCH/No Hop



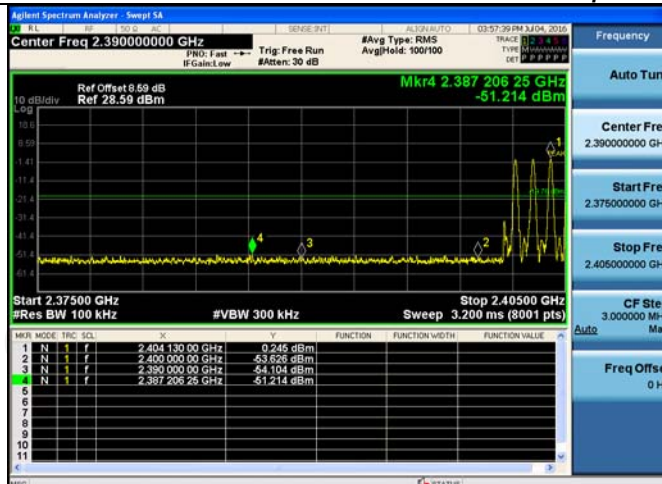
GFSK/HCH/Hop



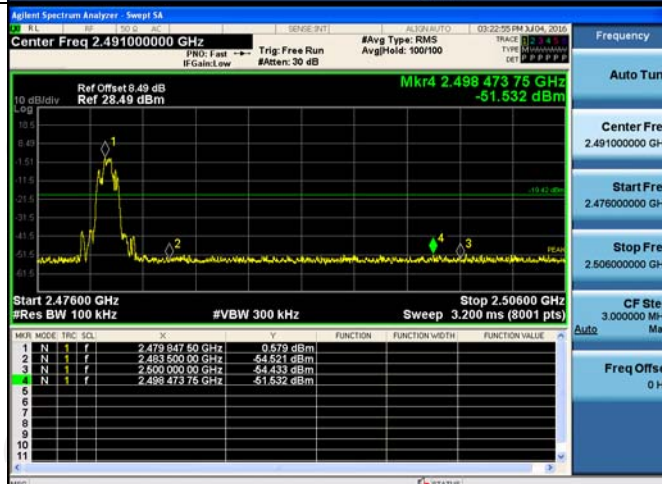
$\pi/4$ DQPSK/LCH/No Hop



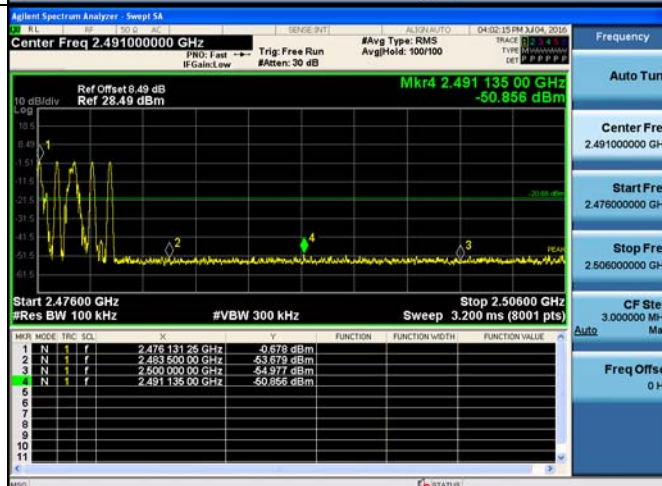
$\pi/4$ DQPSK/LCH/Hop



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



$\pi/4$ DQPSK/HCH/Hop

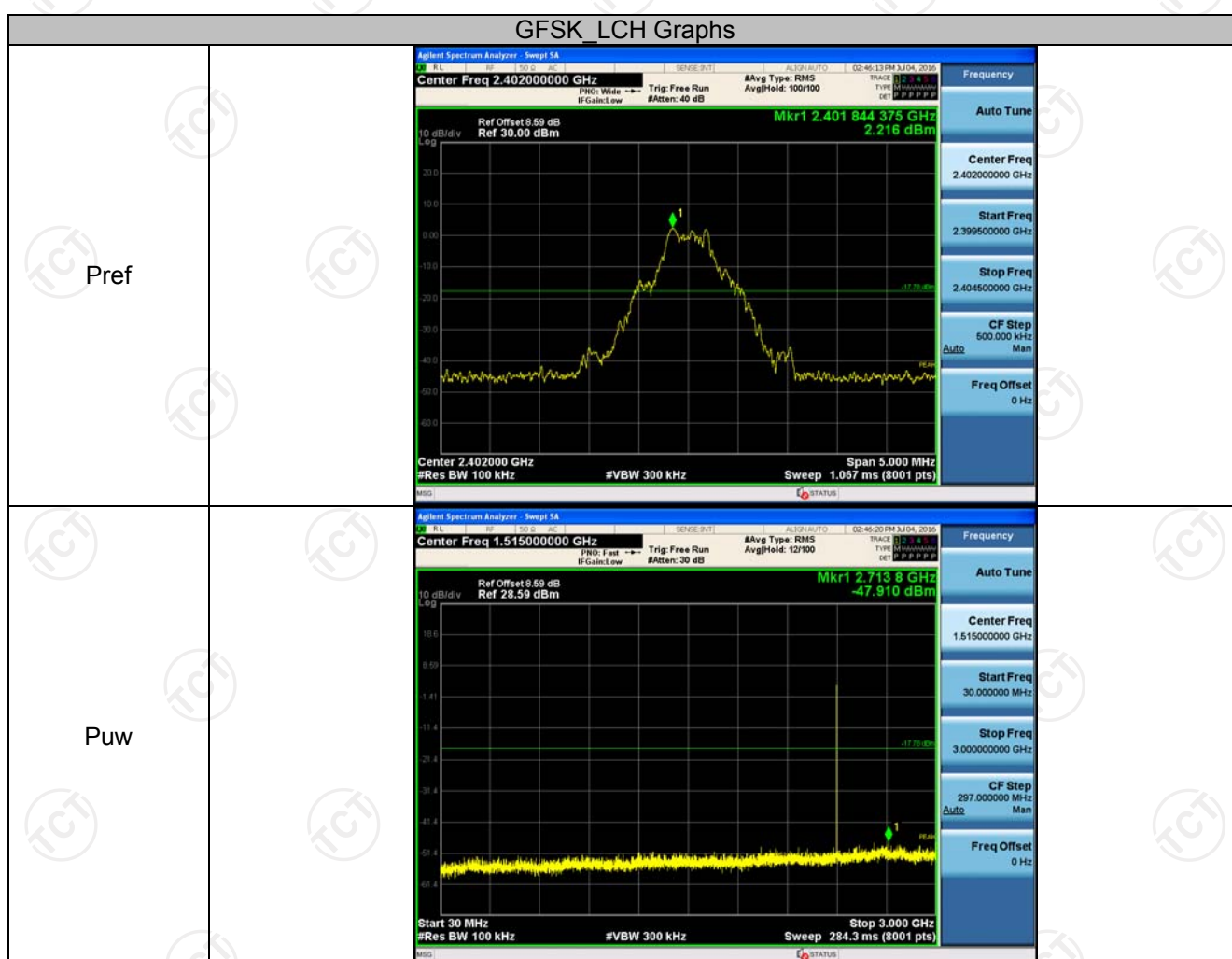


## RF Conducted Spurious Emissions

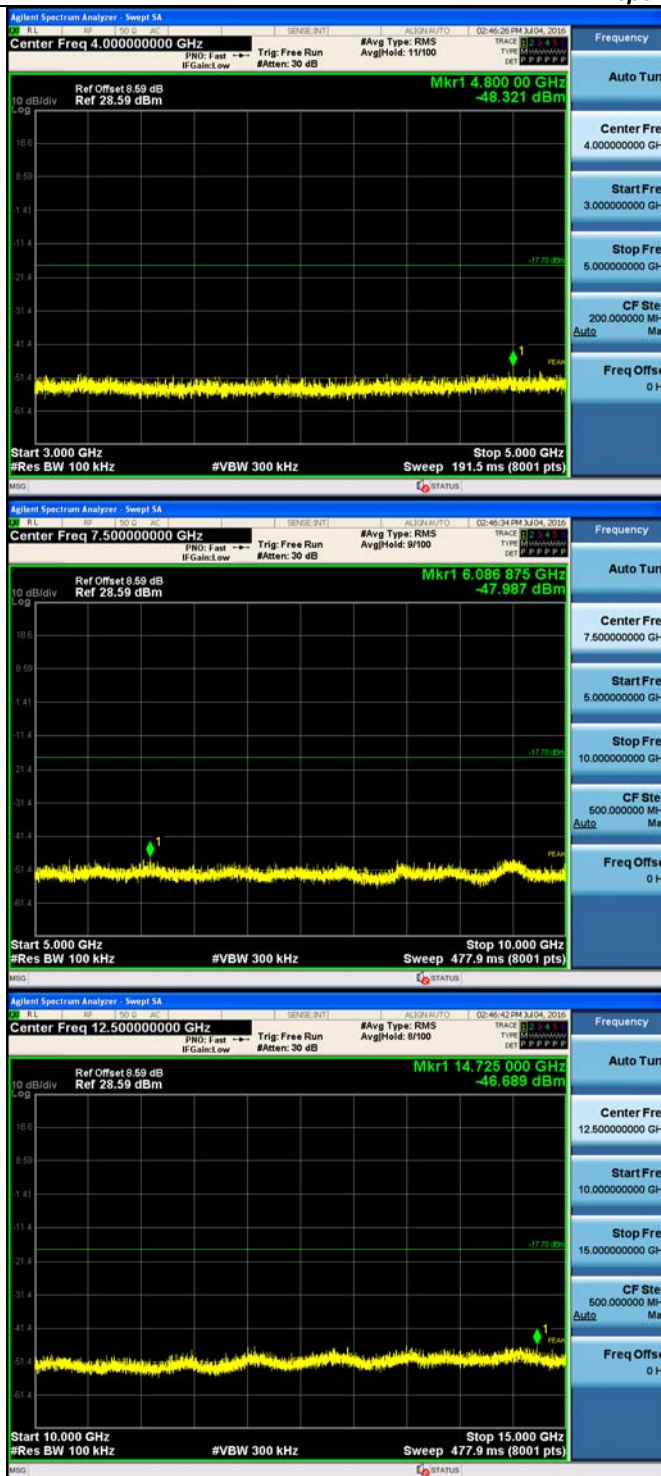
Result Table

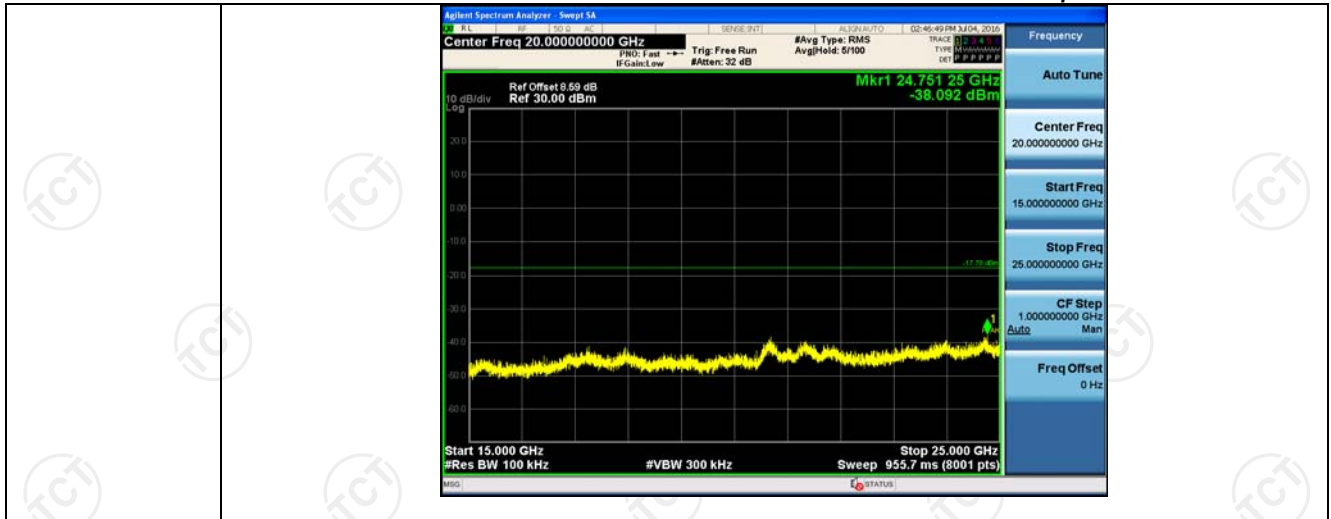
Mode	Channel	Pref [dBm]	Puw [dBm]	Verdict
GFSK	LCH	2.216	<Limit	PASS
GFSK	MCH	0.972	<Limit	PASS
GFSK	HCH	1.76	<Limit	PASS
$\pi/4$ DQPSK	LCH	-0.412	<Limit	PASS
$\pi/4$ DQPSK	MCH	-0.732	<Limit	PASS
$\pi/4$ DQPSK	HCH	0.207	<Limit	PASS

Test Graph

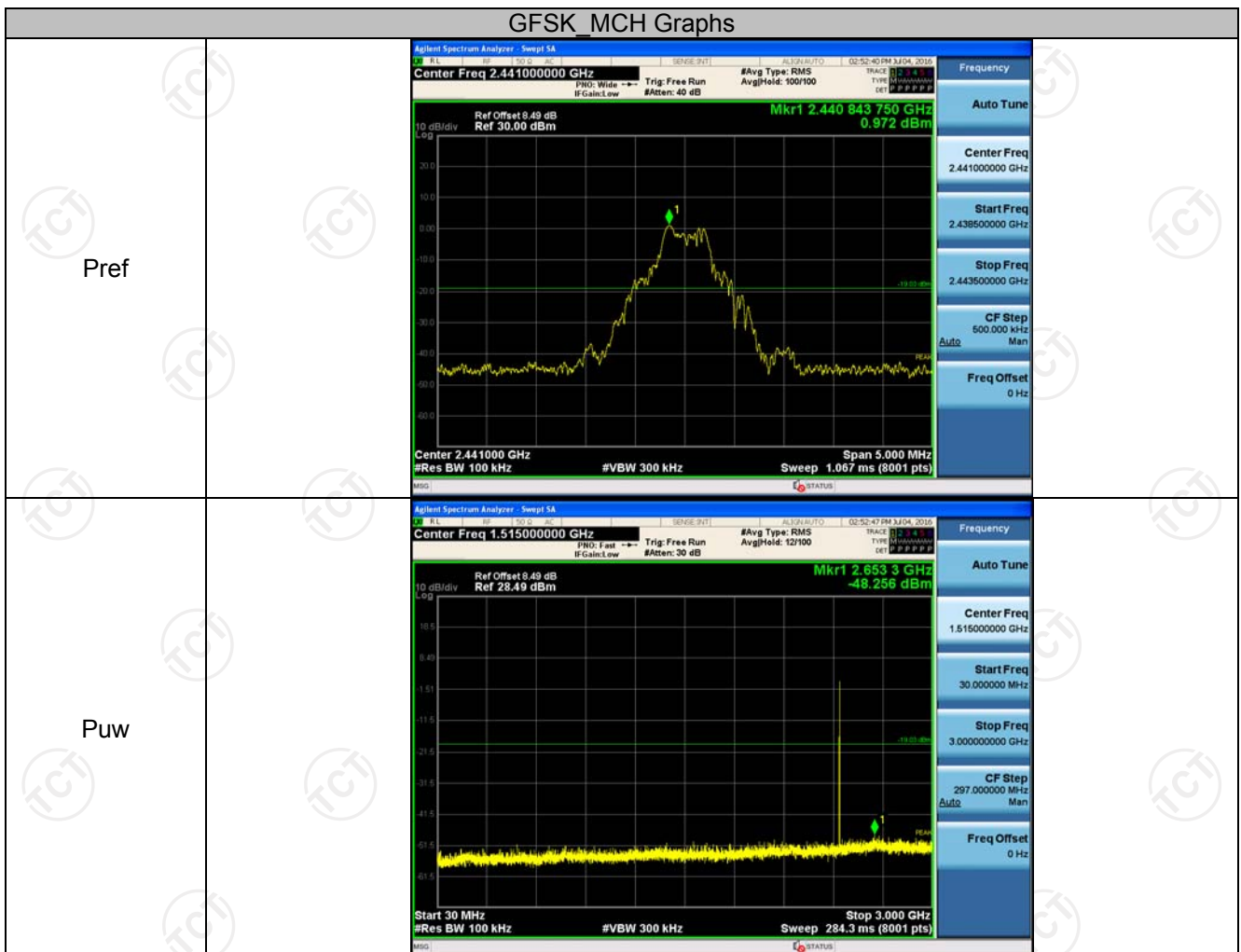


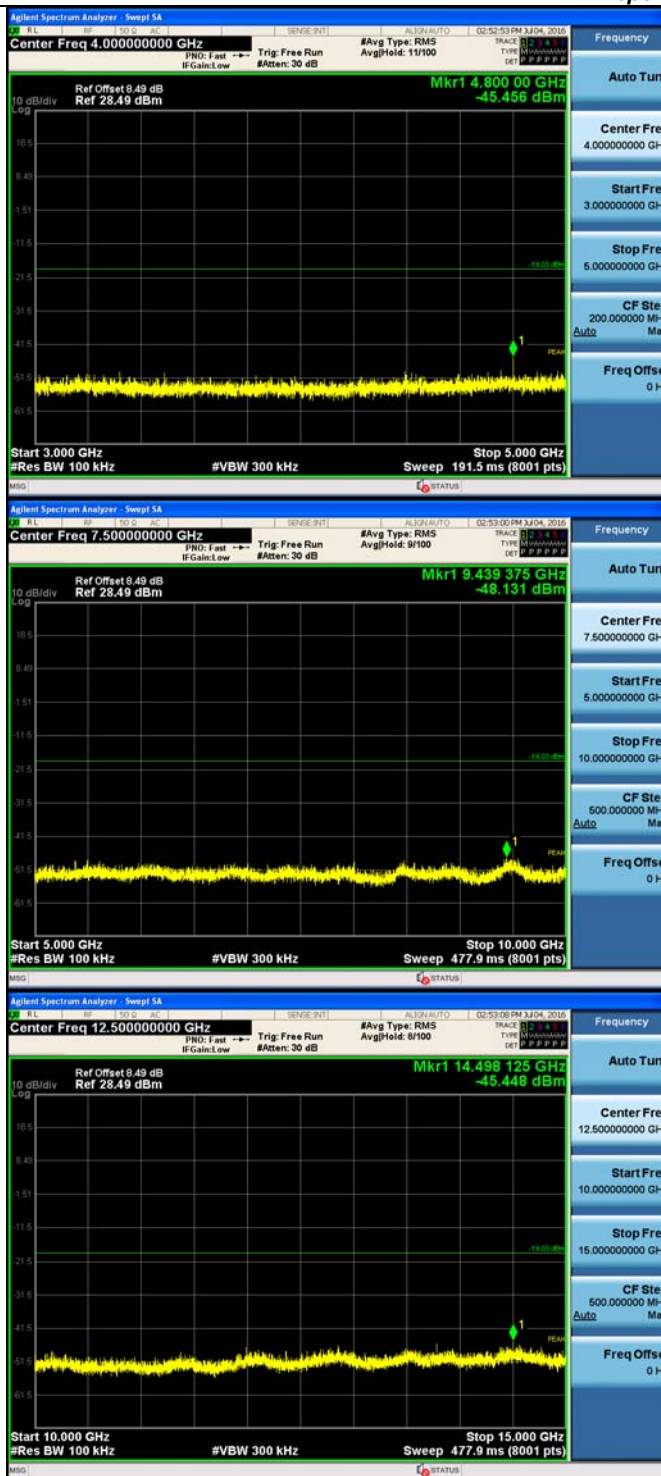




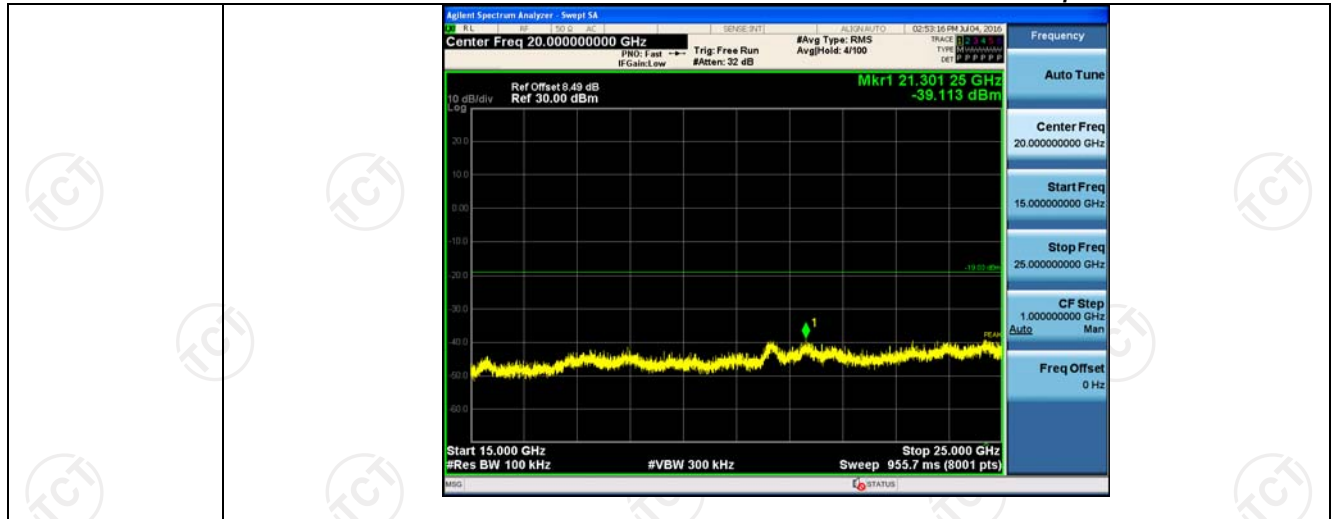


## GFSK MCH Graphs

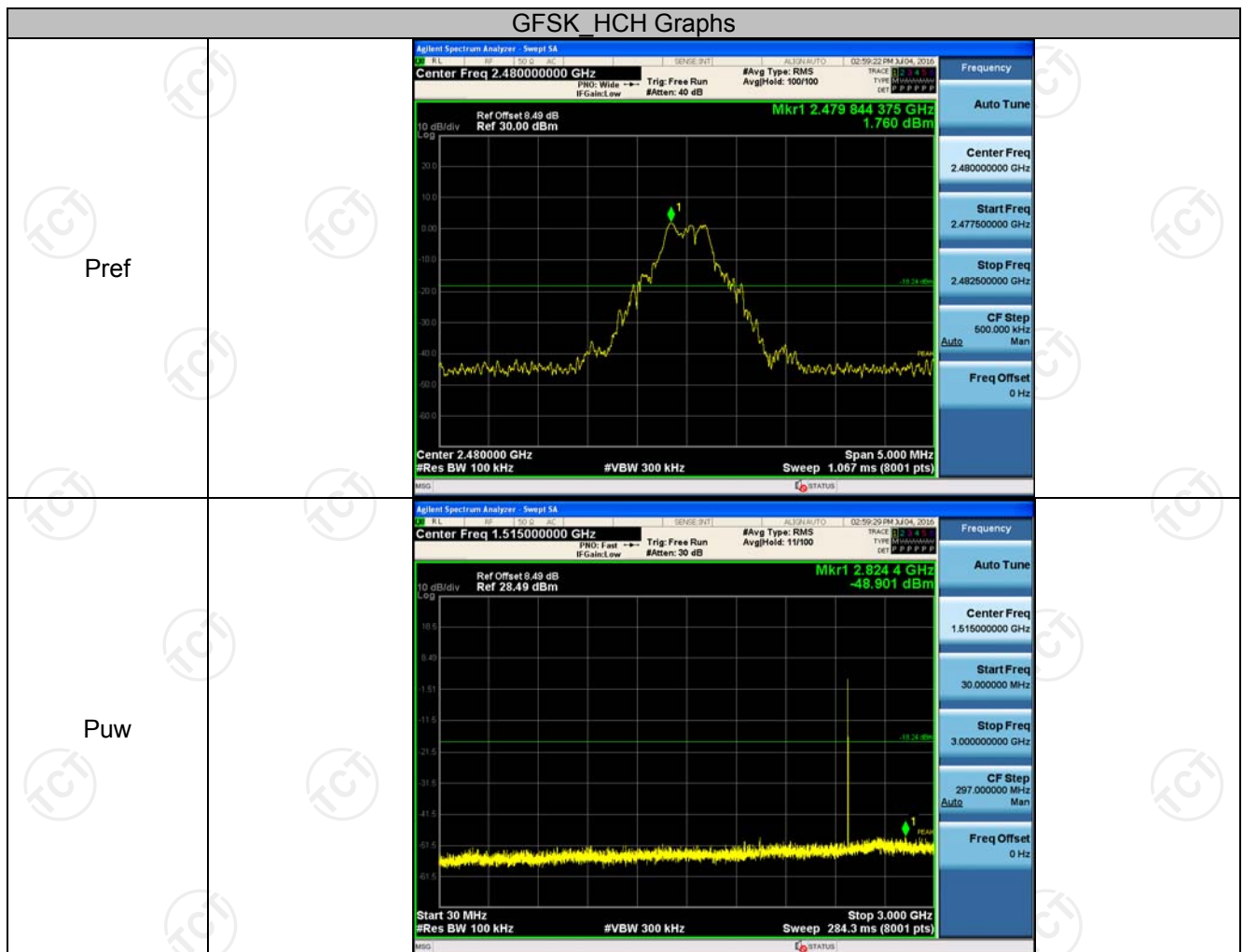


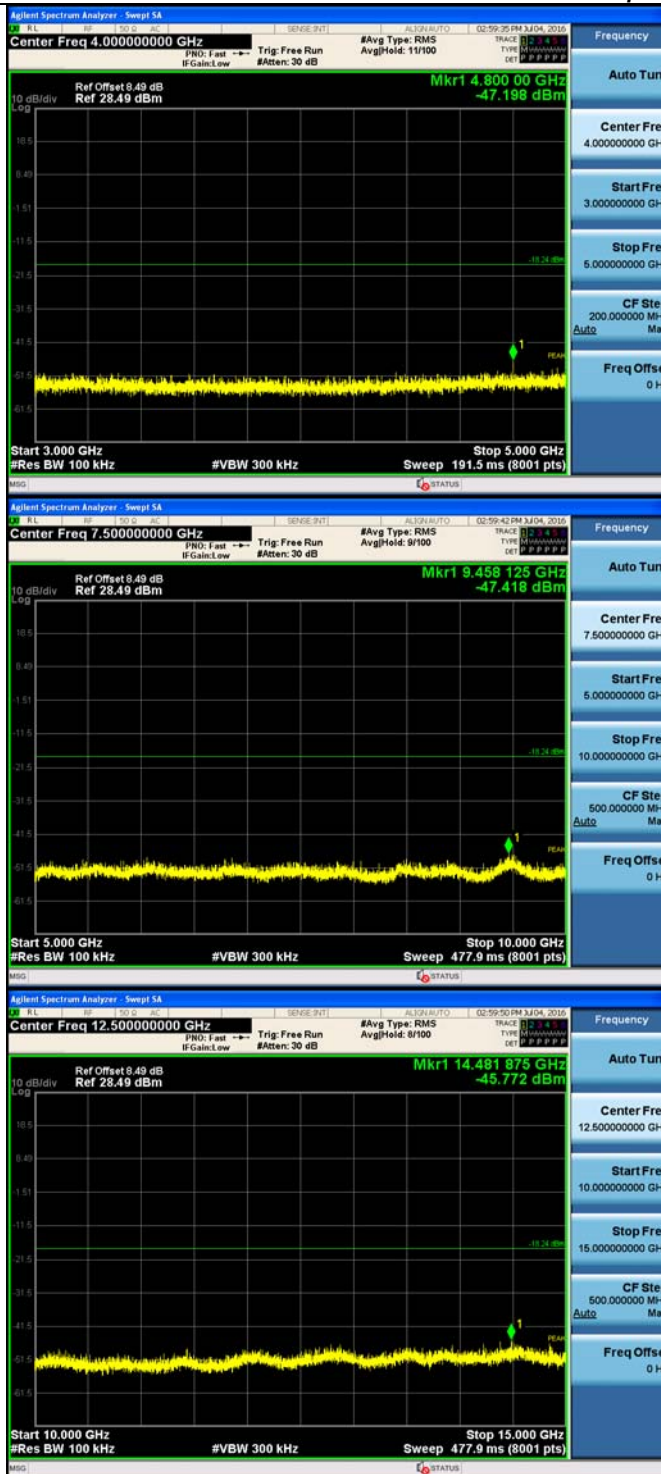


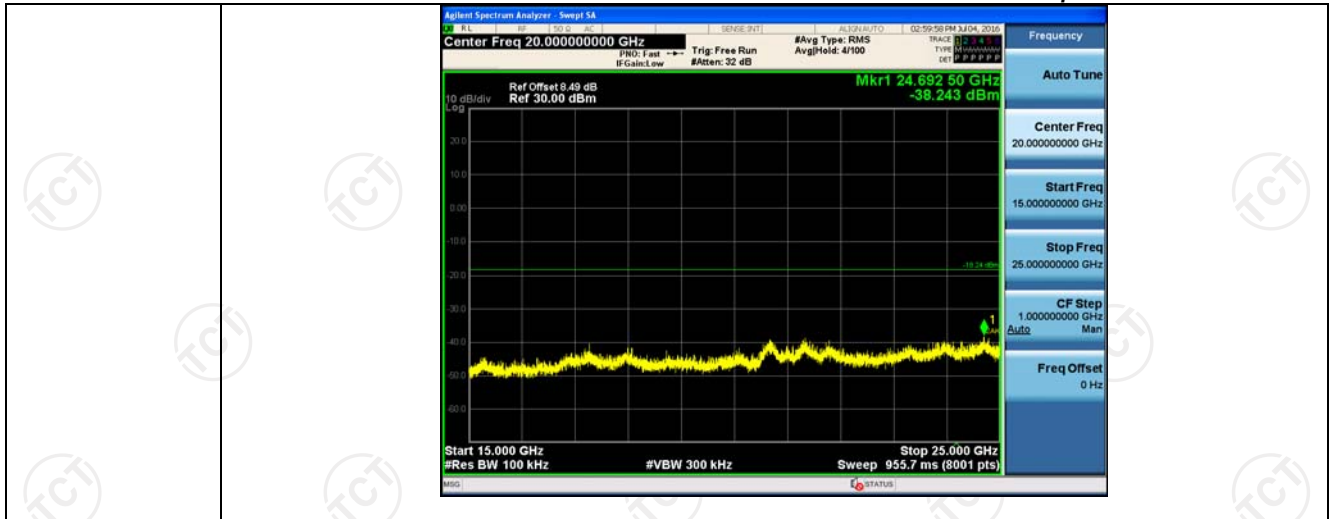




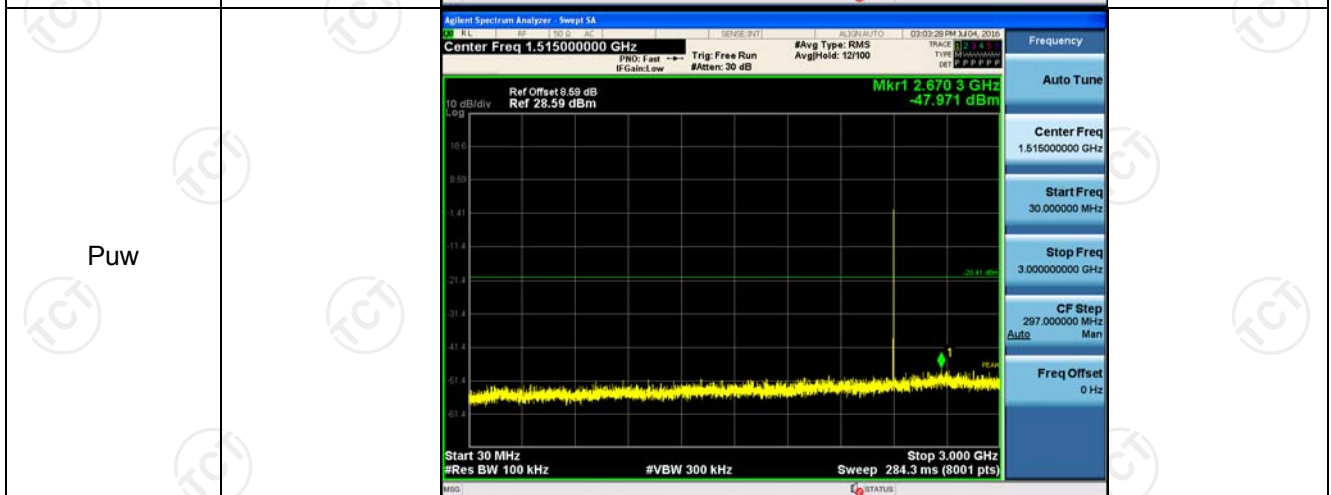
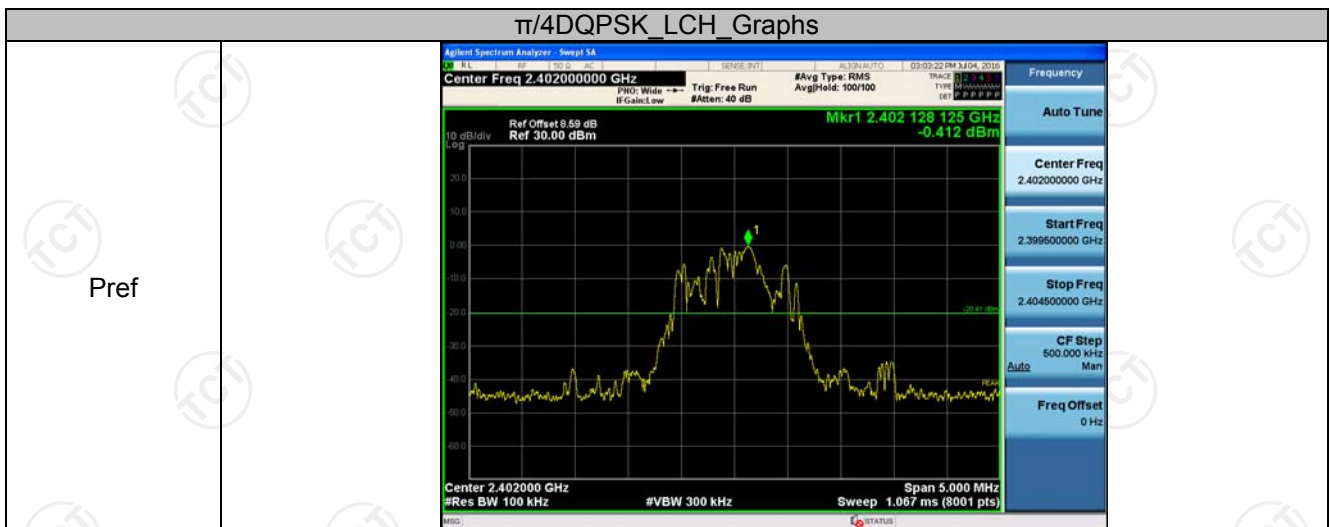
## GFSK HCH Graphs

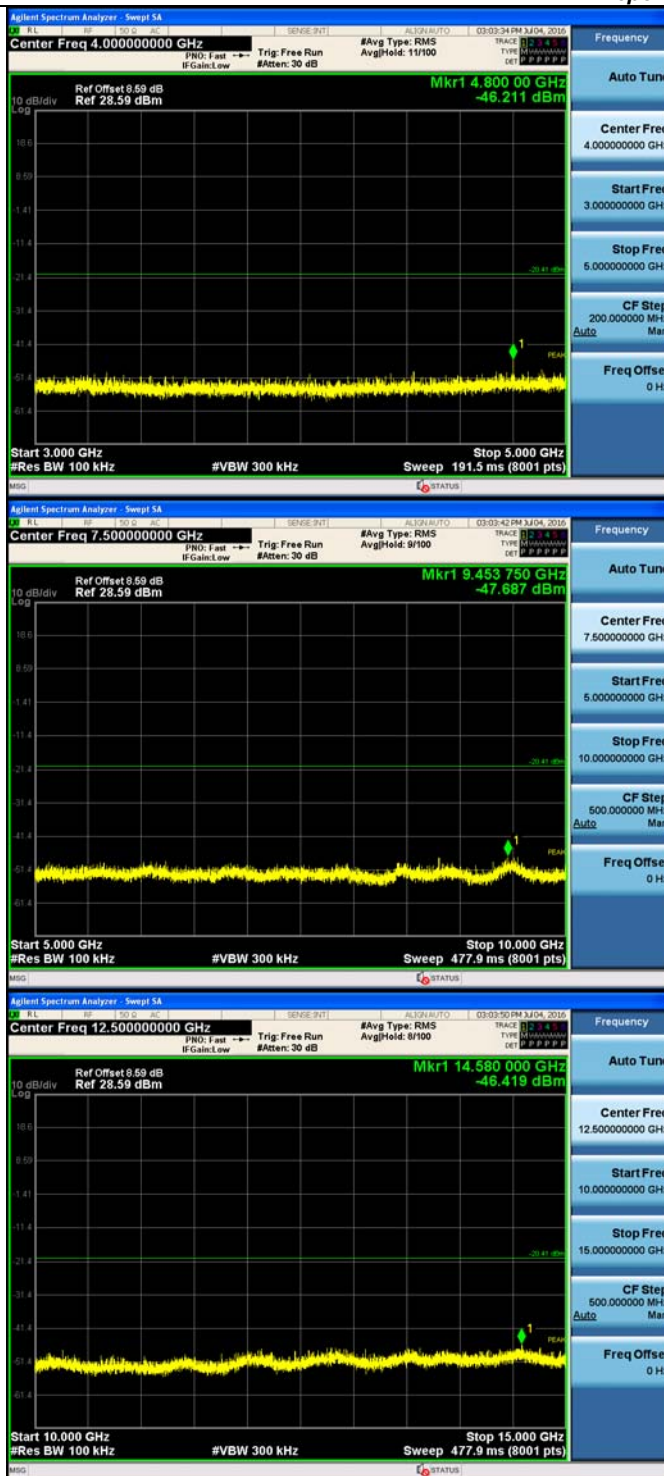


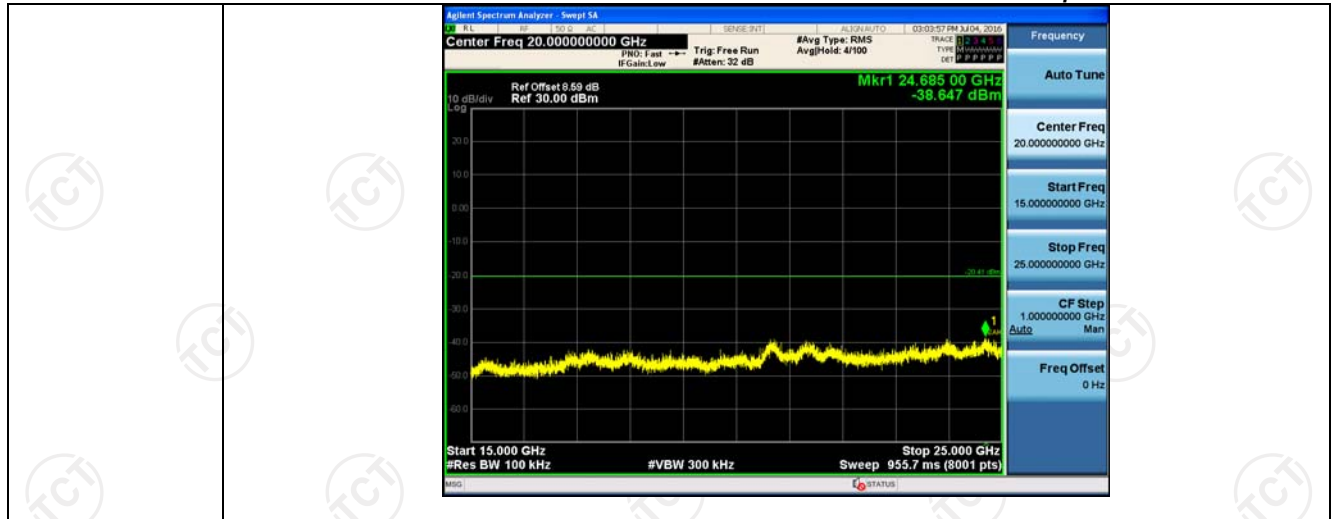




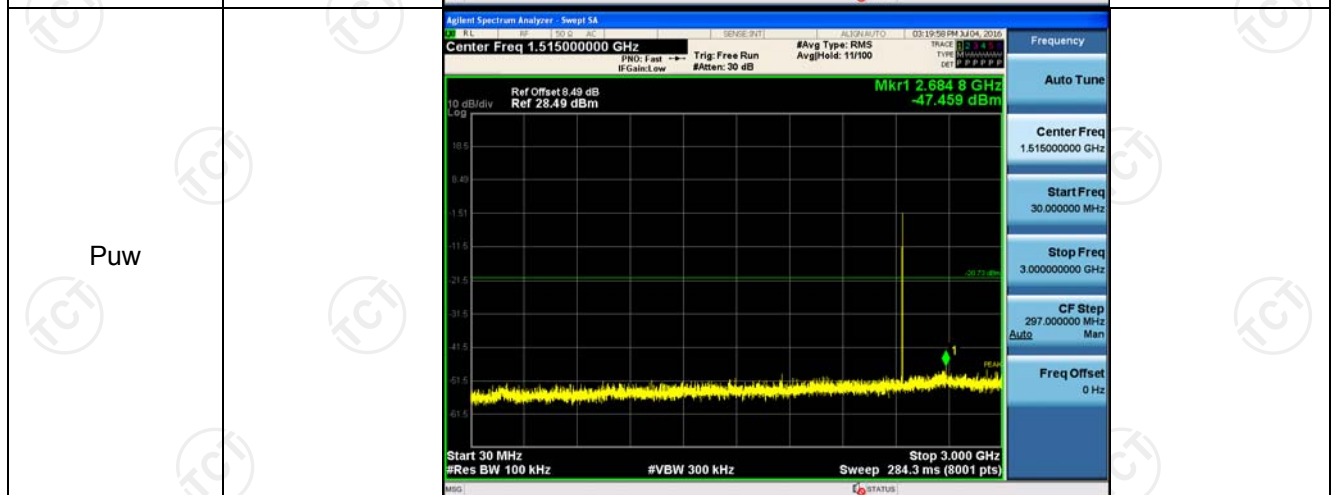
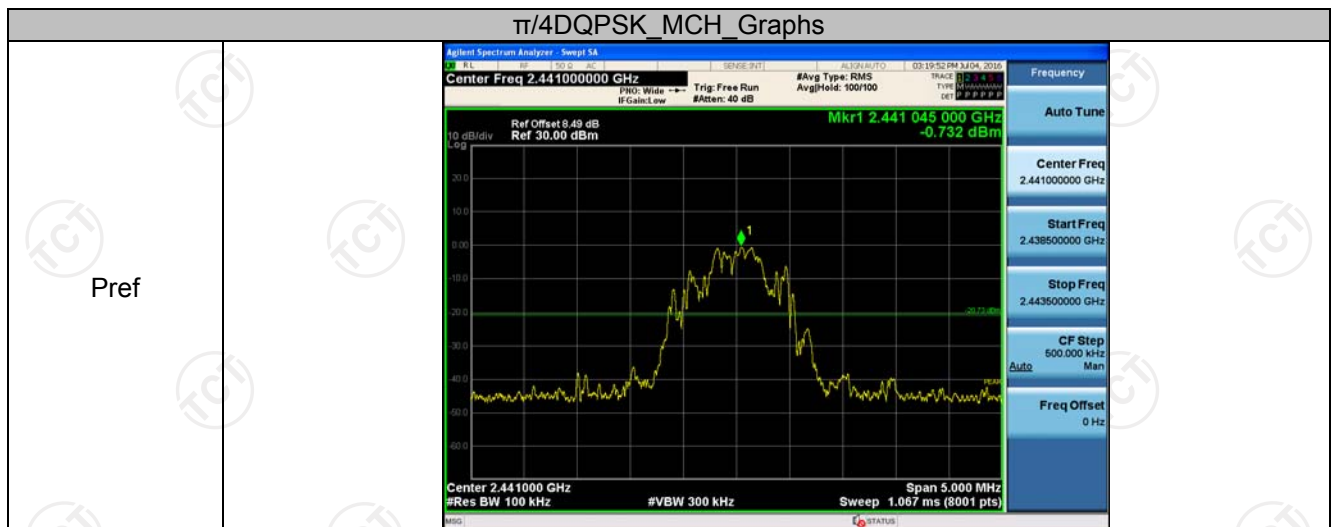
## $\pi/4$ DQPSK LCH\_Graphs



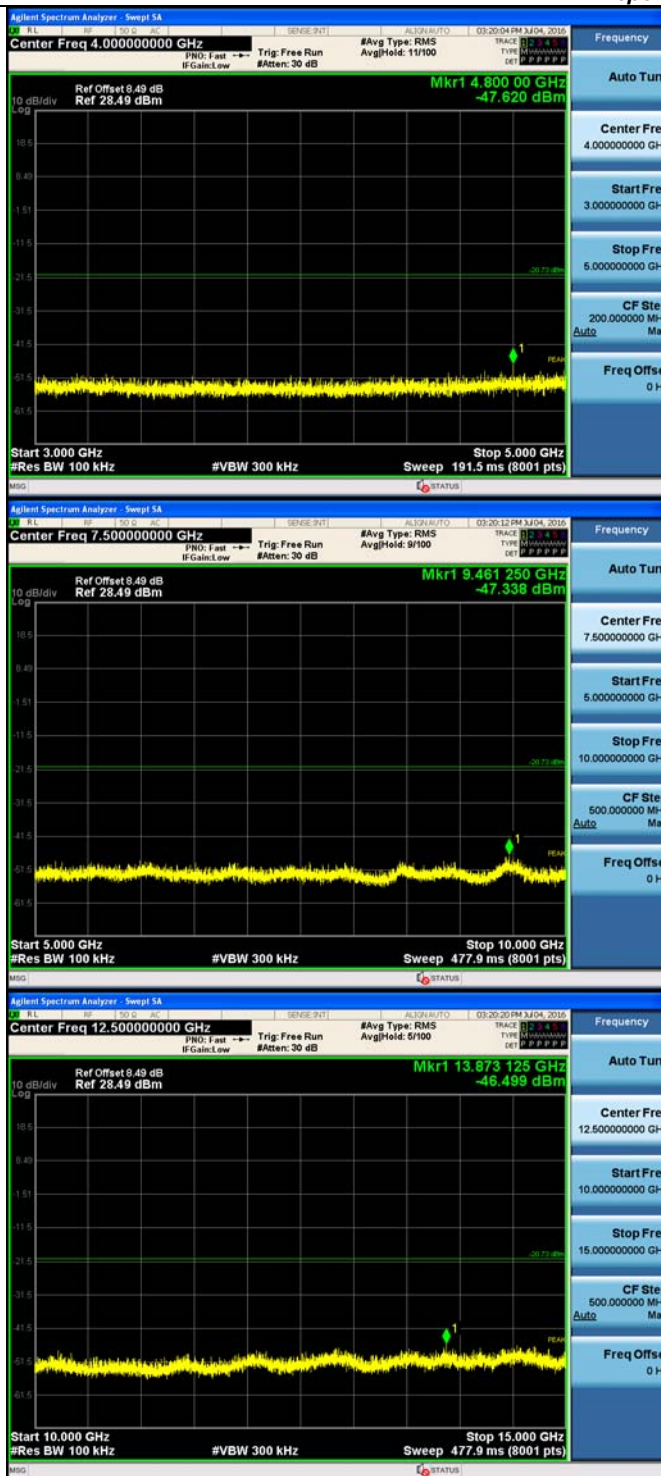


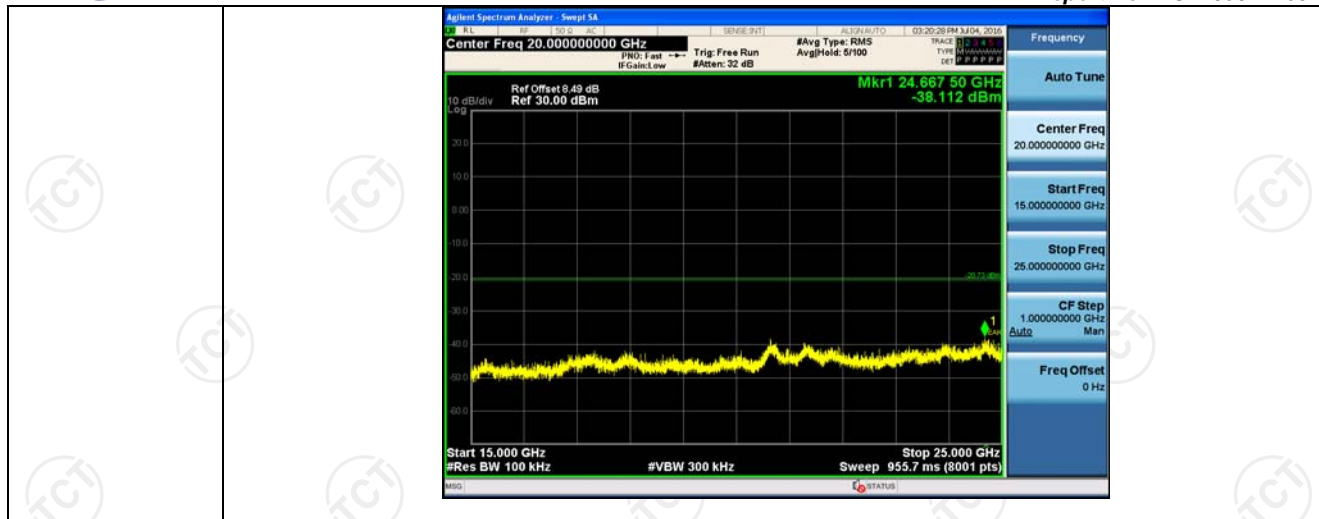


## $\pi/4$ DQPSK\_MCH\_Graphs

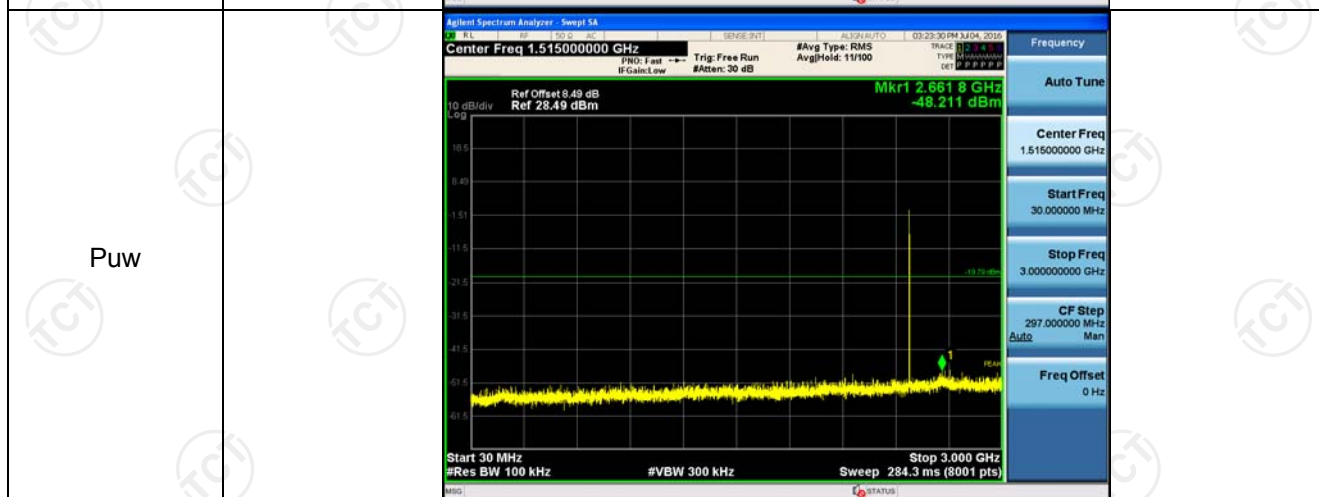
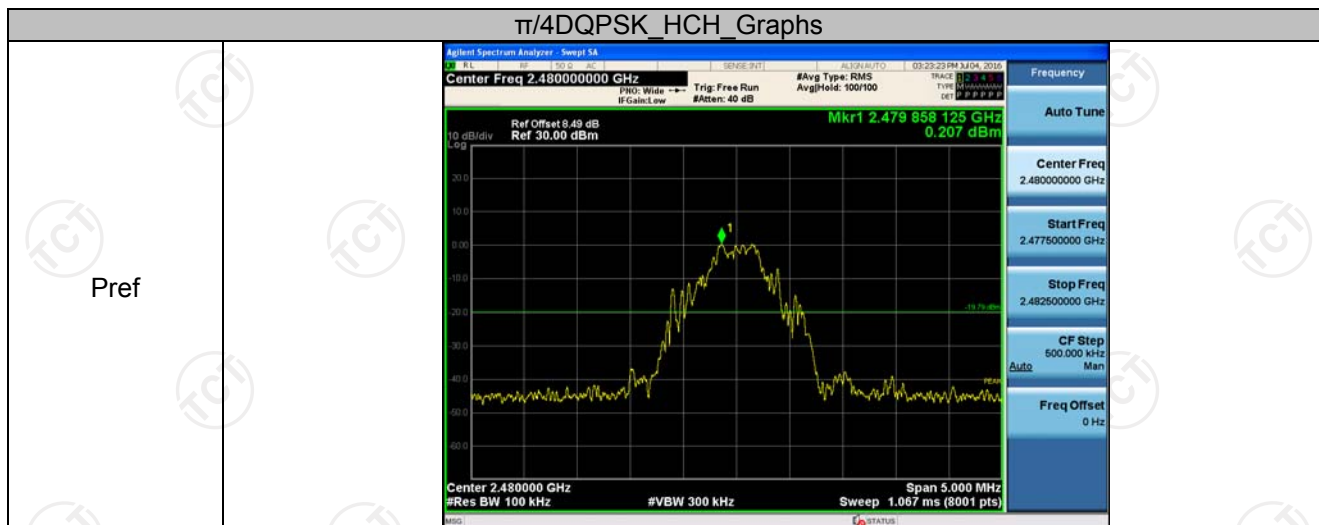


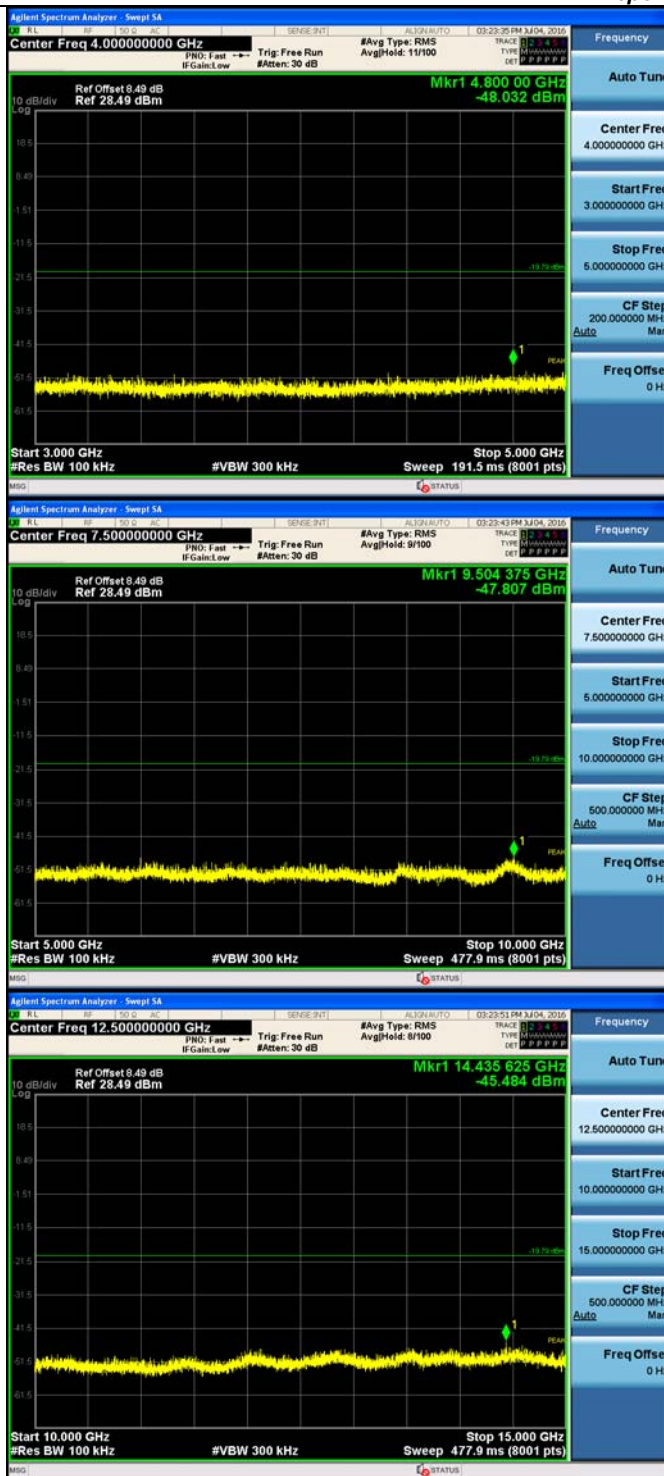


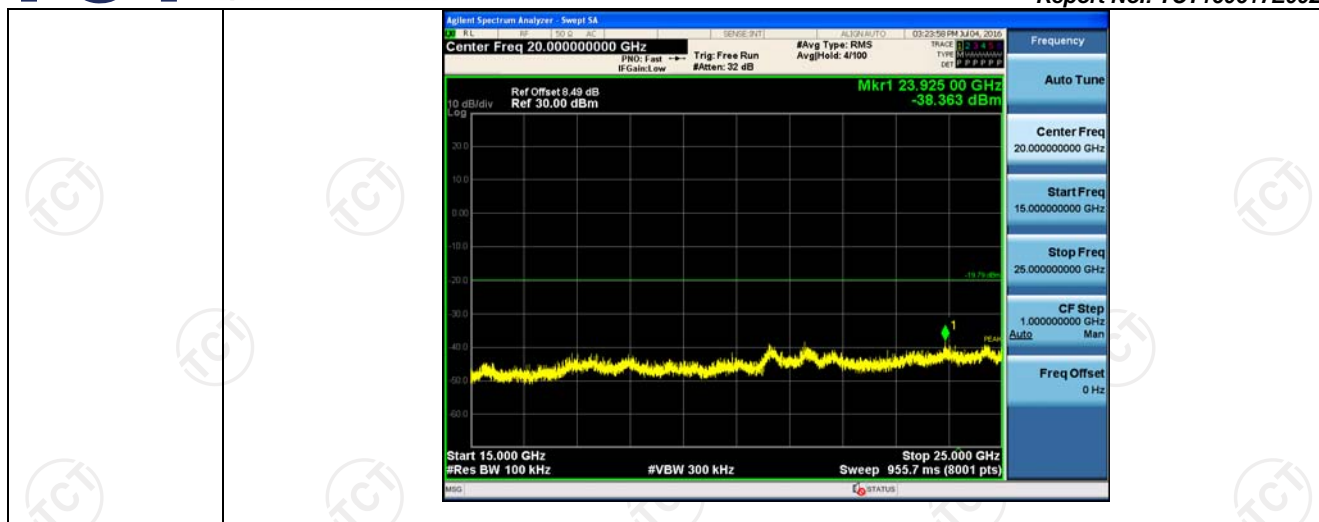




## $\pi/4$ DQPSK\_HCH\_Graphs







## Appendix B: Photographs of Test Setup

Product: Bluetooth Speaker

Model: CQL1555-B

Radiated Emission



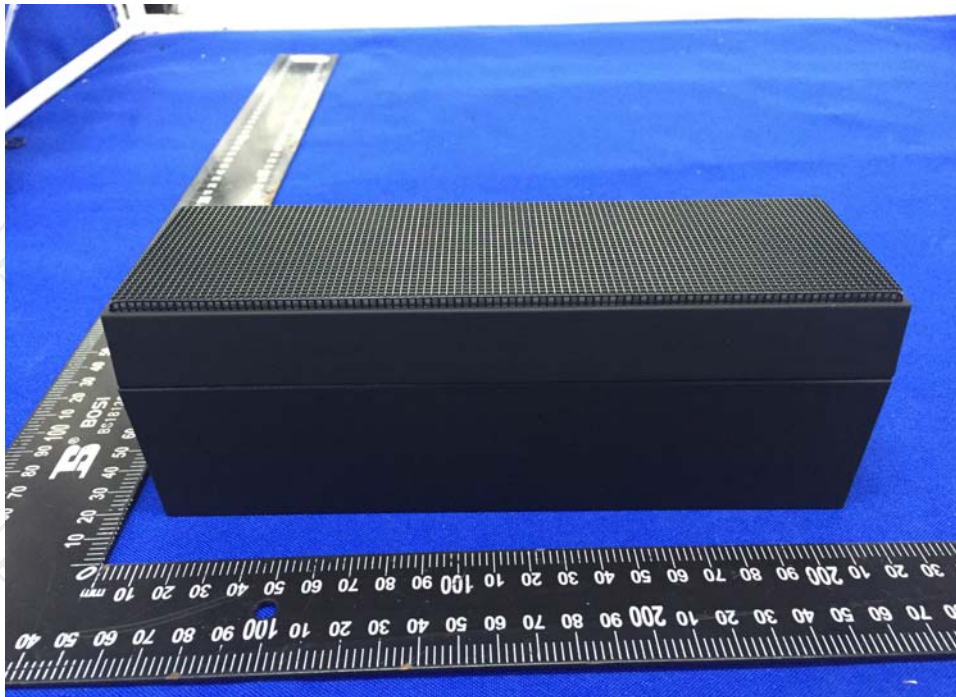


### Conducted Emission



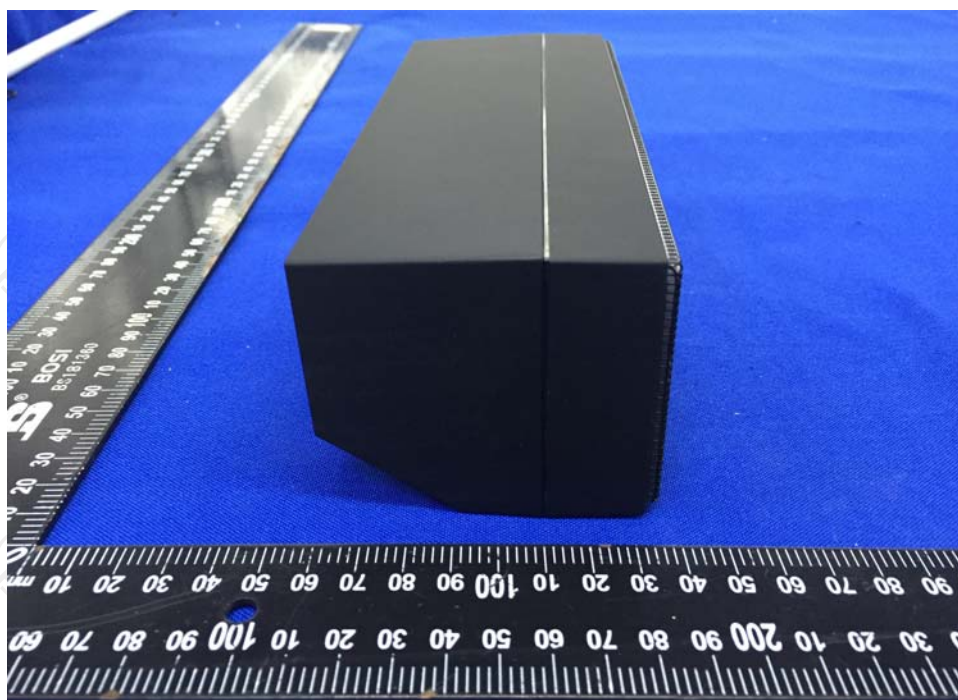
**Appendix C: Photographs of EUT**  
**Product: Bluetooth Speaker**  
**Model: CQL1555-B**  
**External Photos**













**Product: Bluetooth Speaker**  
**Model: CQL1555-B**  
**Internal Photos**

