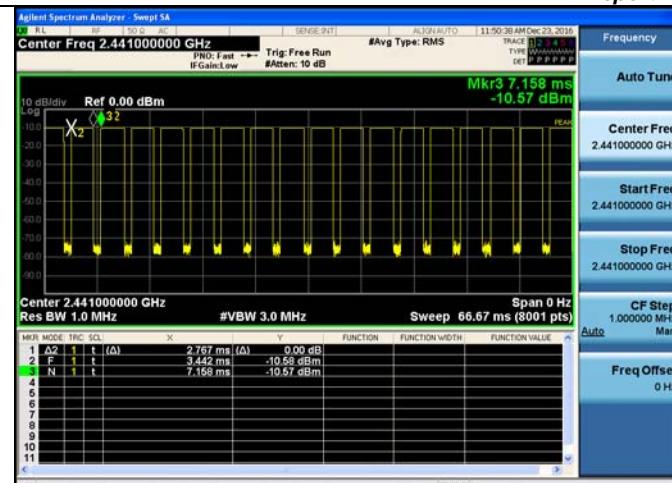
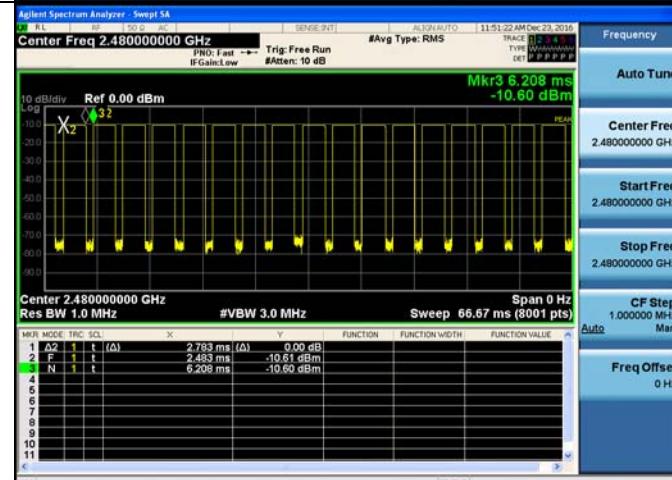


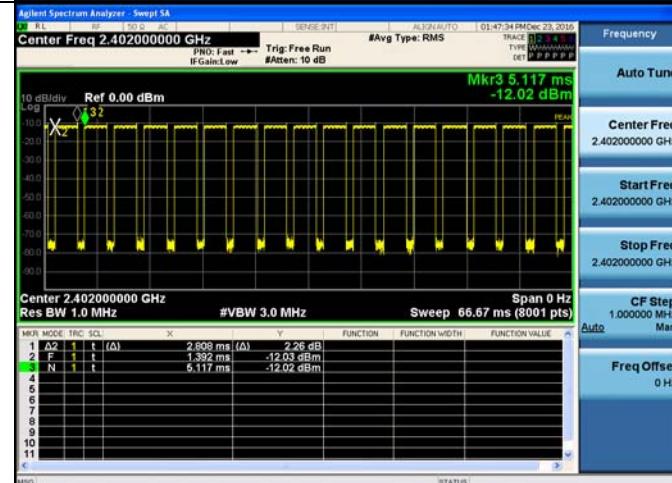
GFSK/MCH



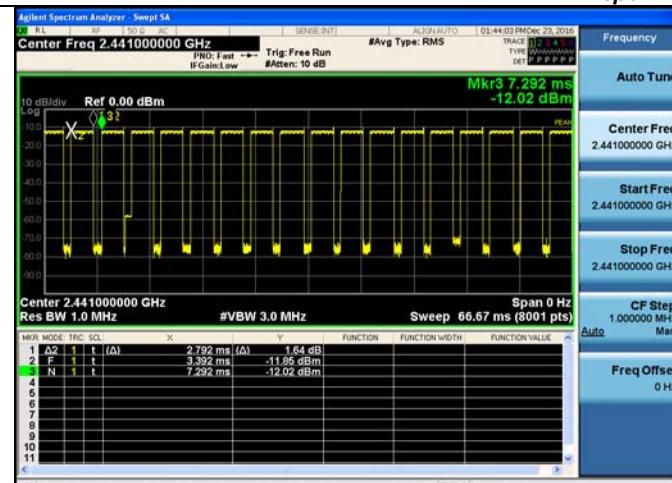
GFSK/HCH



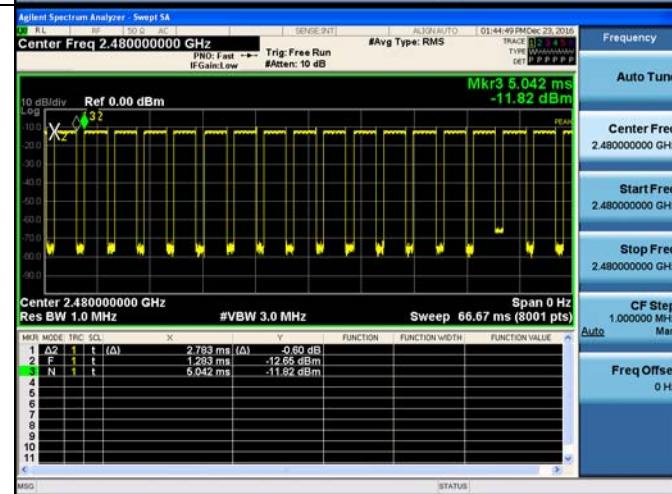
π/4DQPSK/LCH



$\pi/4$ DQPSK/MCH



$\pi/4$ DQPSK/HCH

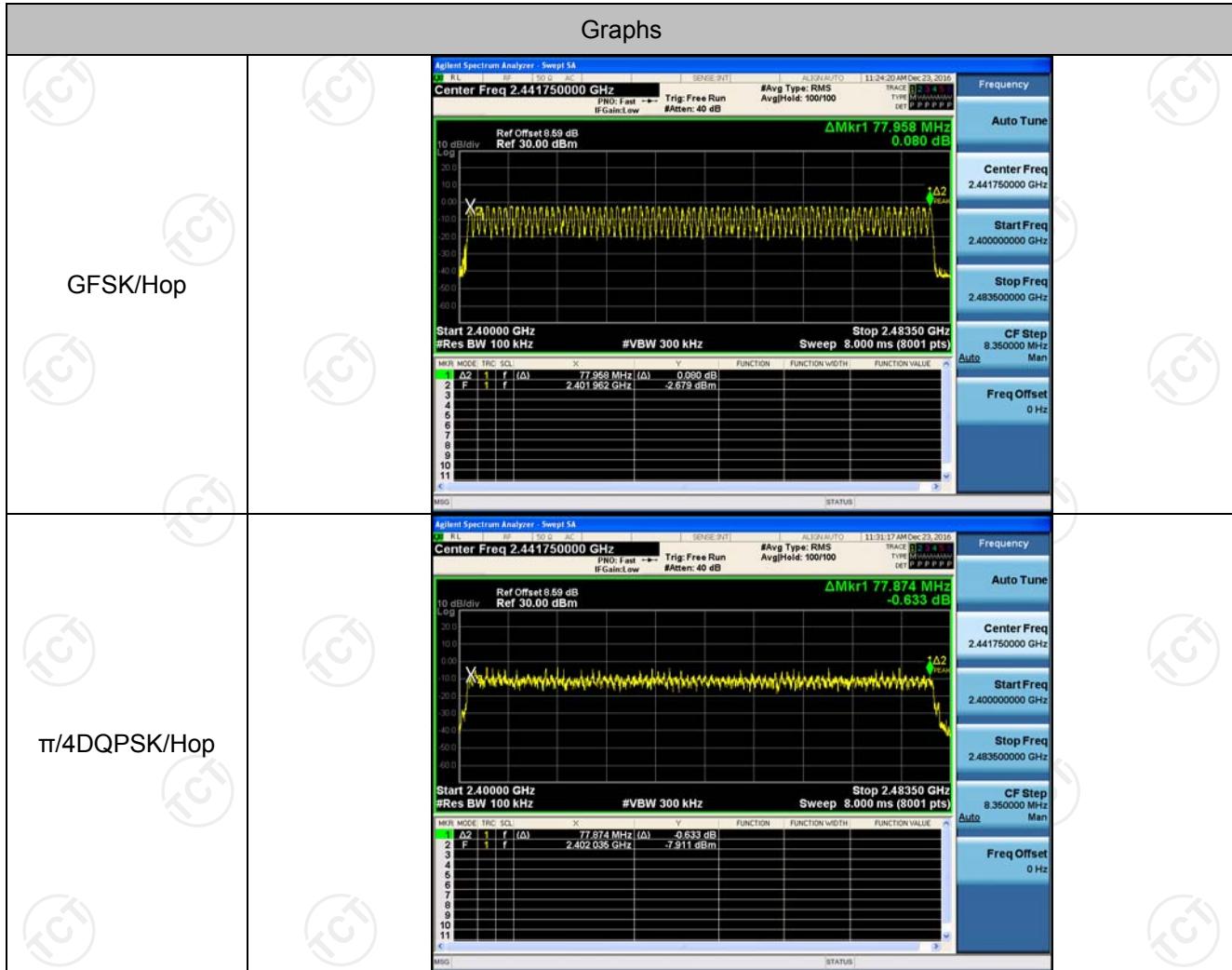


## Hopping Channel Number

### 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

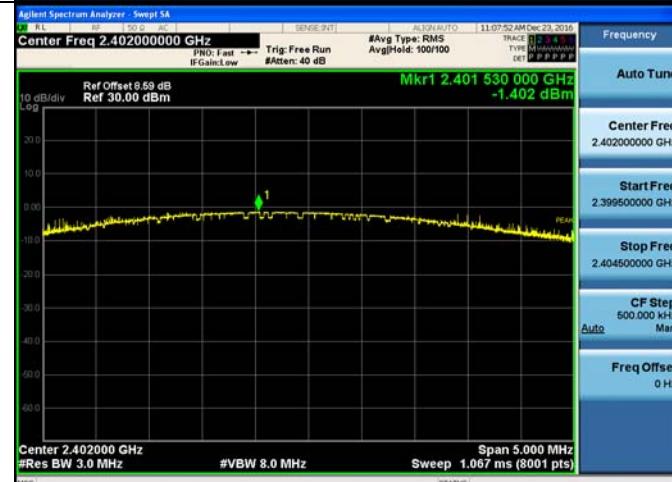
### Test Graph



GFSK/HCH



π/4DQPSK/LCH



π/4DQPSK/MCH



π/4DQPSK/HCH

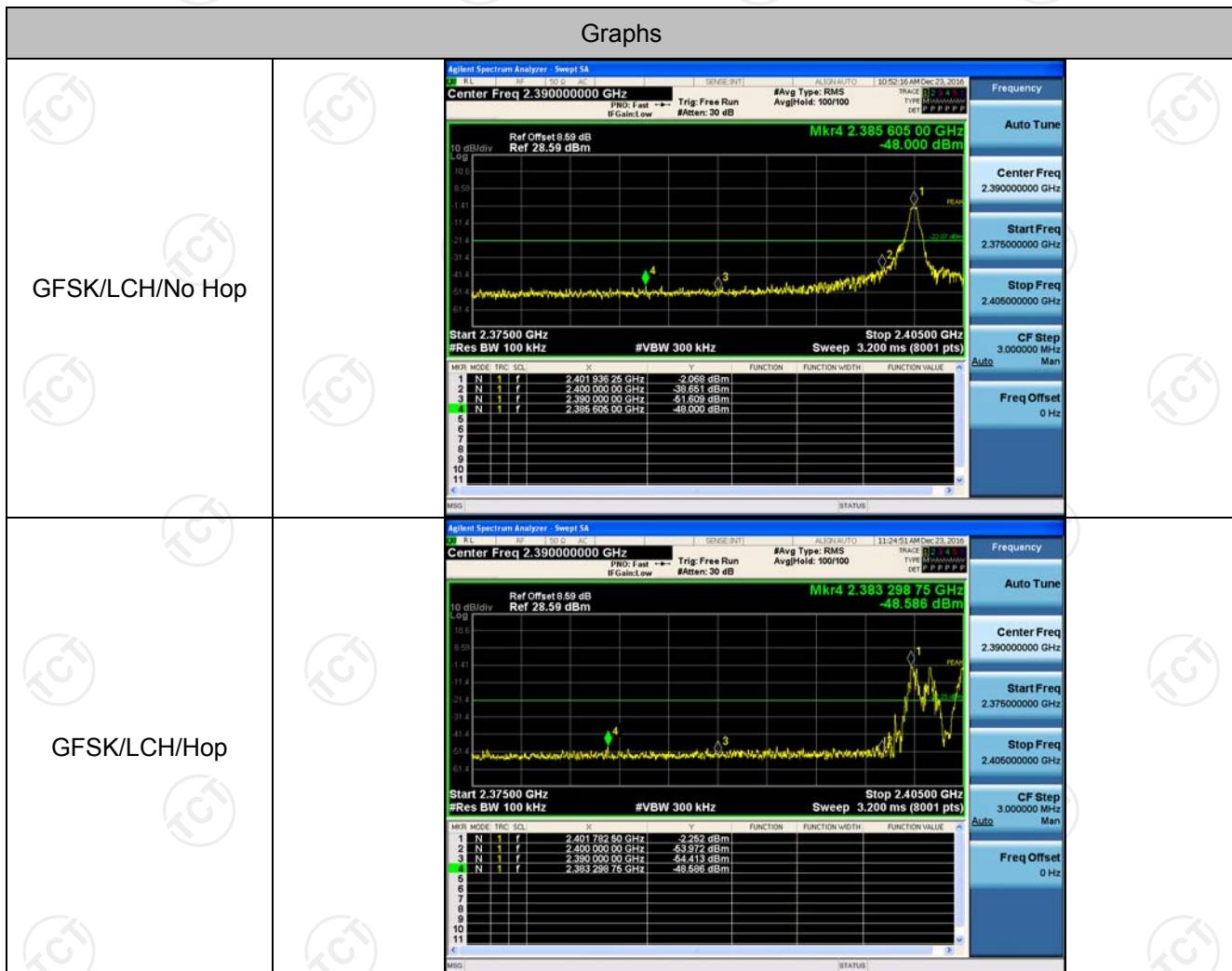


## Band-edge for RF Conducted Emissions

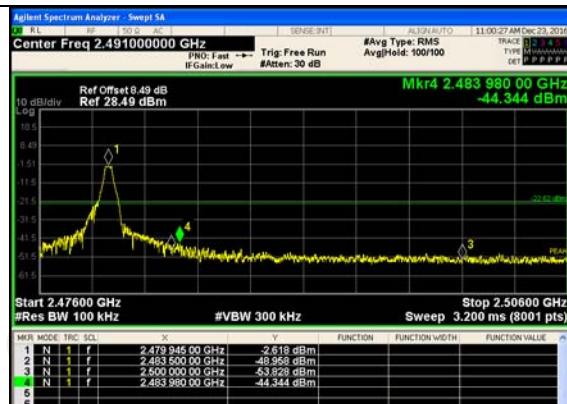
### Result Table

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
$\pi/4$ DQPSK	LCH	2402	-3.651	Off	-47.988	-23.65	PASS
			-7.532	On	-50.881	-27.53	PASS
$\pi/4$ DQPSK	HCH	2480	-4.256	Off	-39.509	-24.26	PASS
			-4.054	On	-38.775	-24.05	PASS

### Test Graph

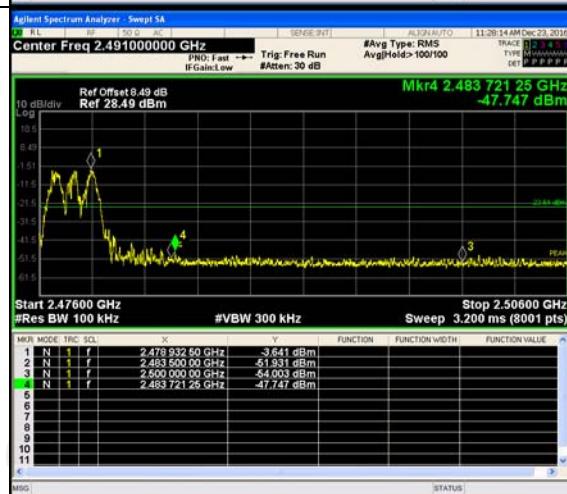


GFSK/HCH/No Hop



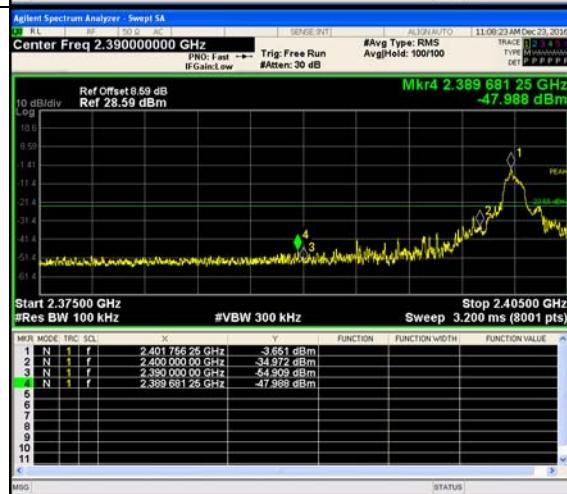
Frequency
Auto Tune
Center Freq
2.491000000 GHz
Start Freq
2.476000000 GHz
Stop Freq
2.506000000 GHz
CF Step
3.000000 MHz
Auto
Man
Freq Offset
0 Hz

GFSK/HCH/Hop



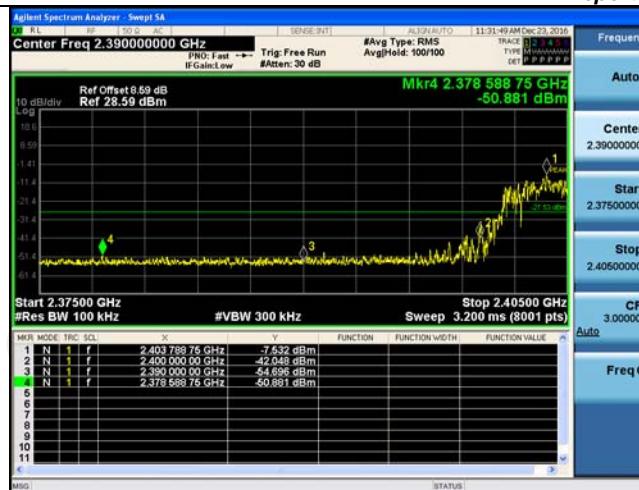
Frequency
Auto Tune
Center Freq
2.491000000 GHz
Start Freq
2.476000000 GHz
Stop Freq
2.506000000 GHz
CF Step
3.000000 MHz
Auto
Man
Freq Offset
0 Hz

π/4DQPSK/LCH/No Hop



Frequency
Auto Tune
Center Freq
2.390000000 GHz
Start Freq
2.375000000 GHz
Stop Freq
2.405000000 GHz
CF Step
3.000000 MHz
Auto
Man
Freq Offset
0 Hz

$\pi/4$ DQPSK/LCH/Hop



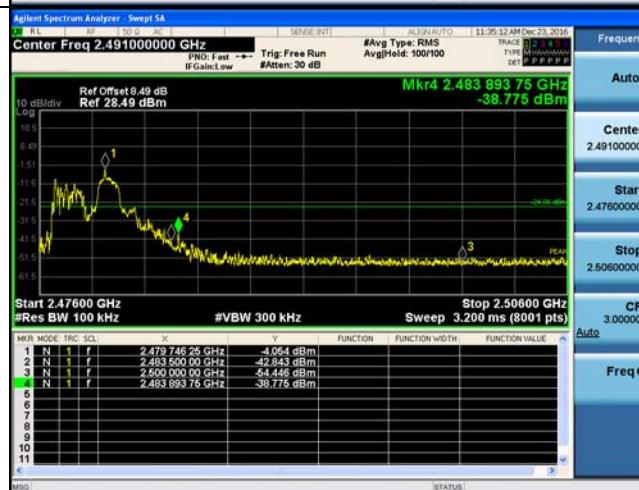
Frequency
Auto Tune
Center Freq
2.390000000 GHz
Start Freq
2.375000000 GHz
Stop Freq
2.405000000 GHz
CF Step
3.000000 MHz
Auto
Man
Freq Offset
0 Hz

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



Frequency
Auto Tune
Center Freq
2.491000000 GHz
Start Freq
2.476000000 GHz
Stop Freq
2.506000000 GHz
CF Step
3.000000 MHz
Auto
Man
Freq Offset
0 Hz

$\pi/4$ DQPSK/HCH/Hop



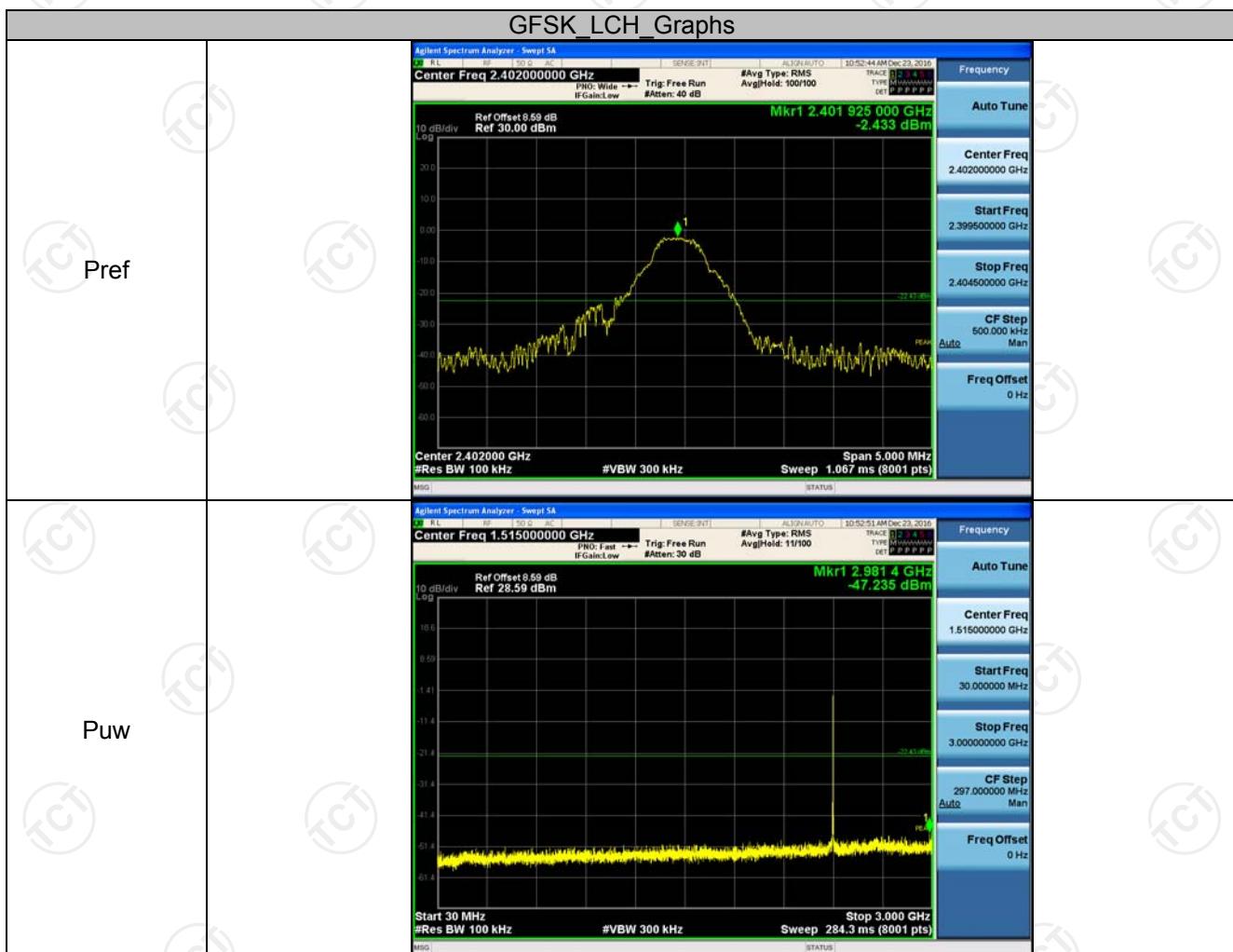
Frequency
Auto Tune
Center Freq
2.491000000 GHz
Start Freq
2.476000000 GHz
Stop Freq
2.506000000 GHz
CF Step
3.000000 MHz
Auto
Man
Freq Offset
0 Hz

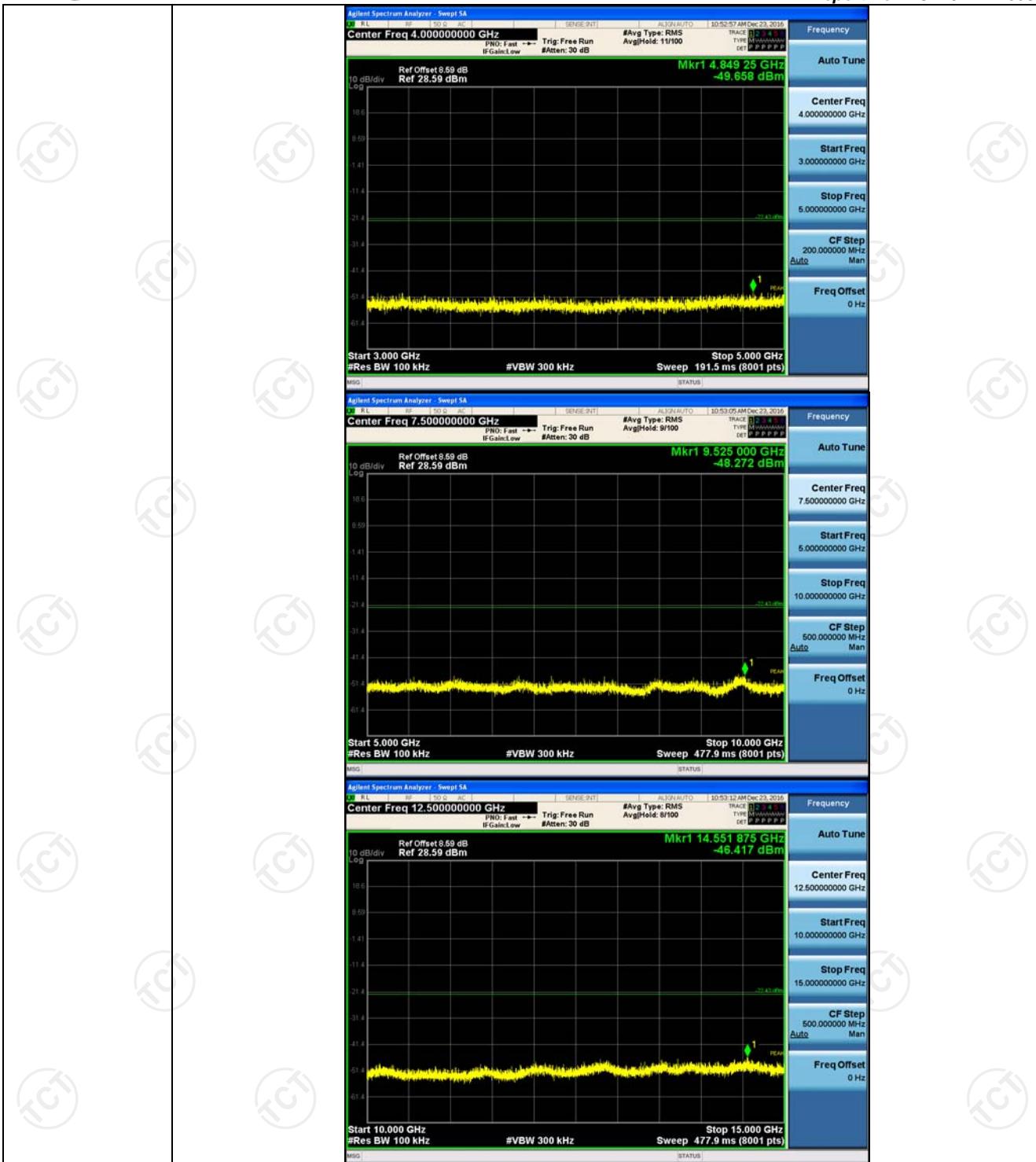
## RF Conducted Spurious Emissions

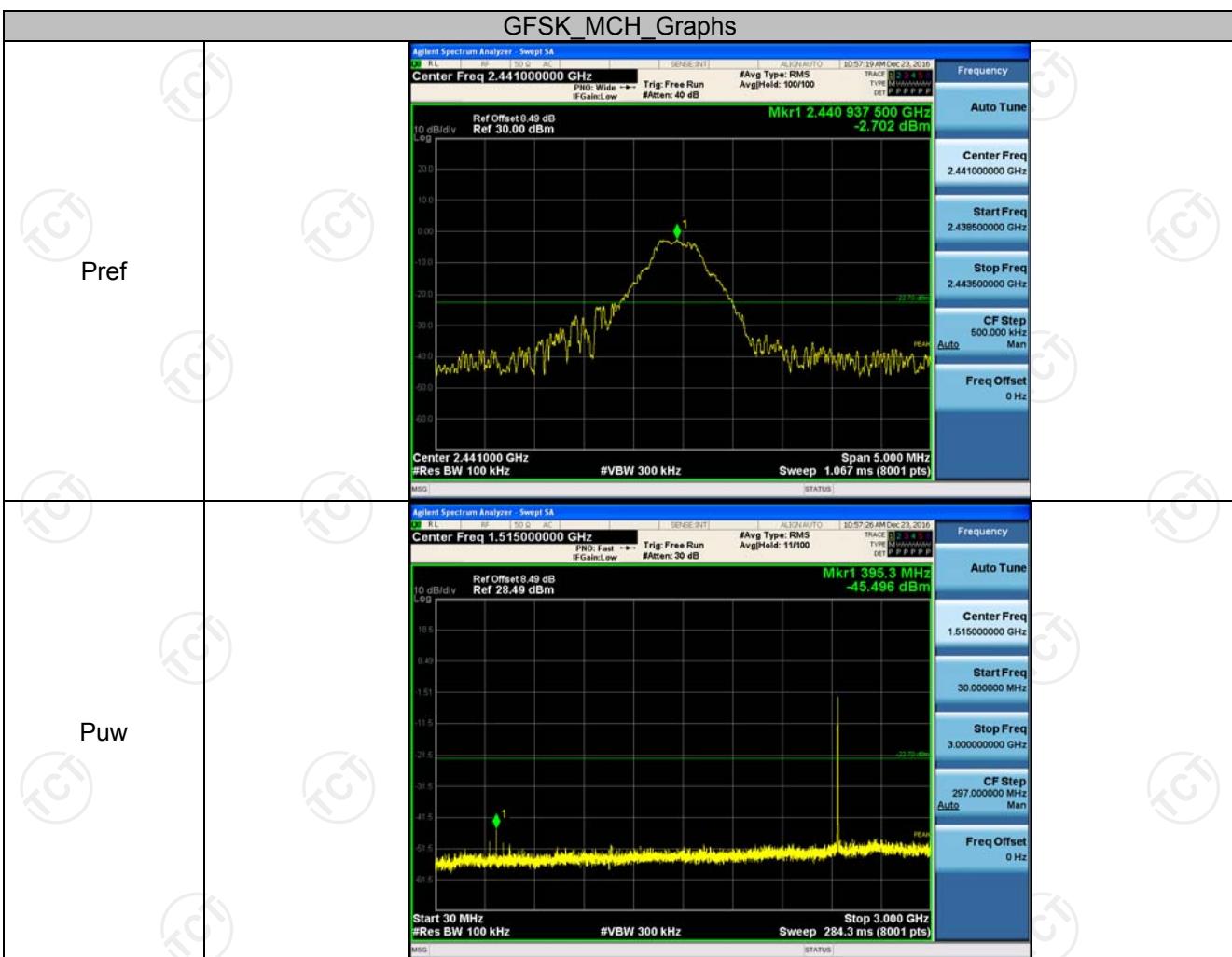
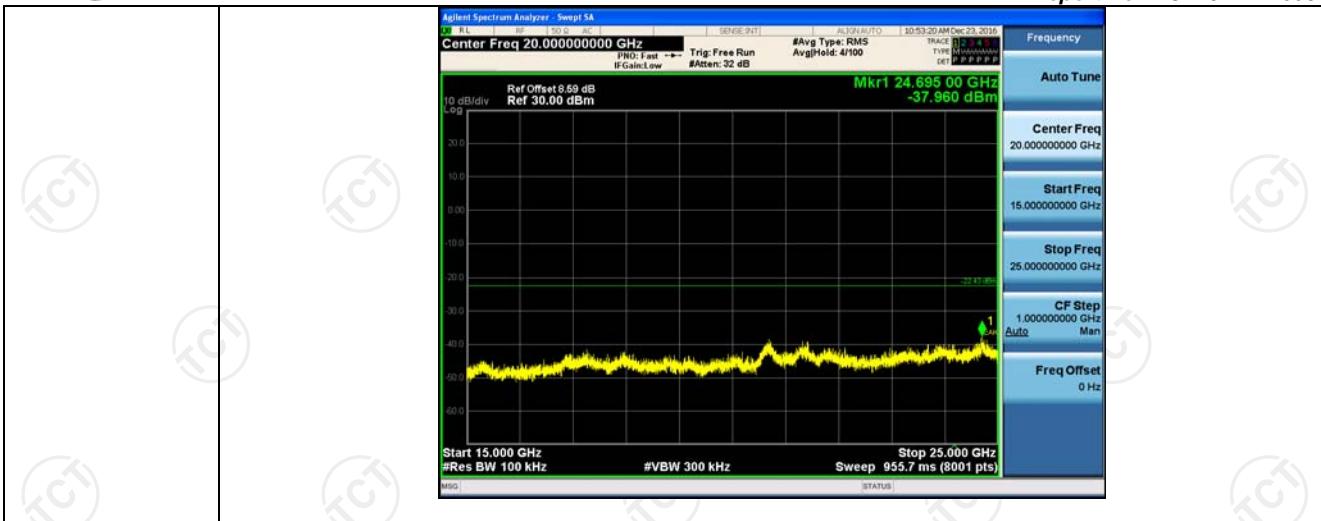
### Result Table

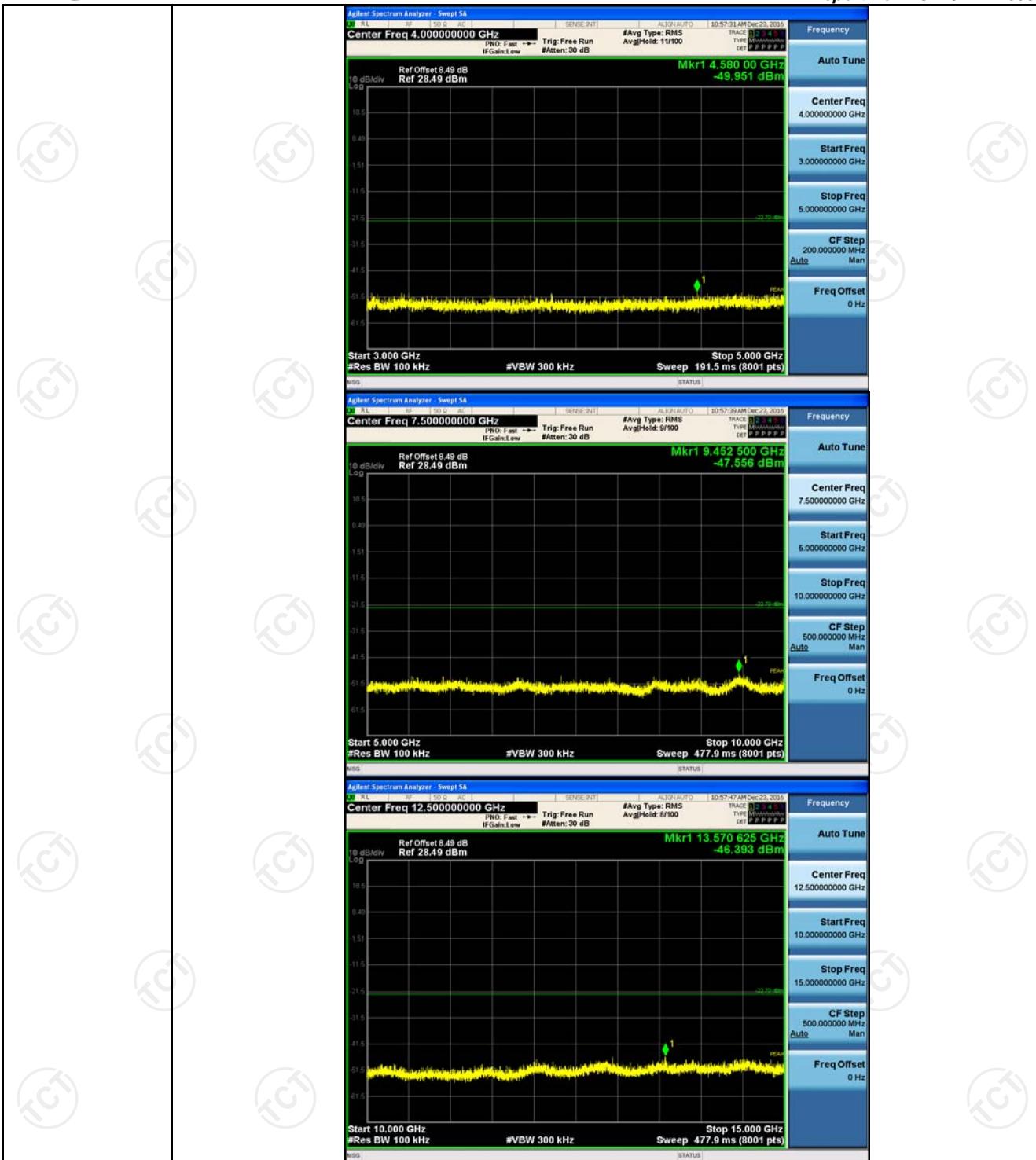
Mode	Channel	Pref [dBm]	Puw [dBm]	Verdict
GFSK	LCH	-2.433	<Limit	PASS
GFSK	MCH	-2.702	<Limit	PASS
GFSK	HCH	-2.962	<Limit	PASS
$\pi/4$ DQPSK	LCH	-3.521	<Limit	PASS
$\pi/4$ DQPSK	MCH	-4.325	<Limit	PASS
$\pi/4$ DQPSK	HCH	-3.291	<Limit	PASS

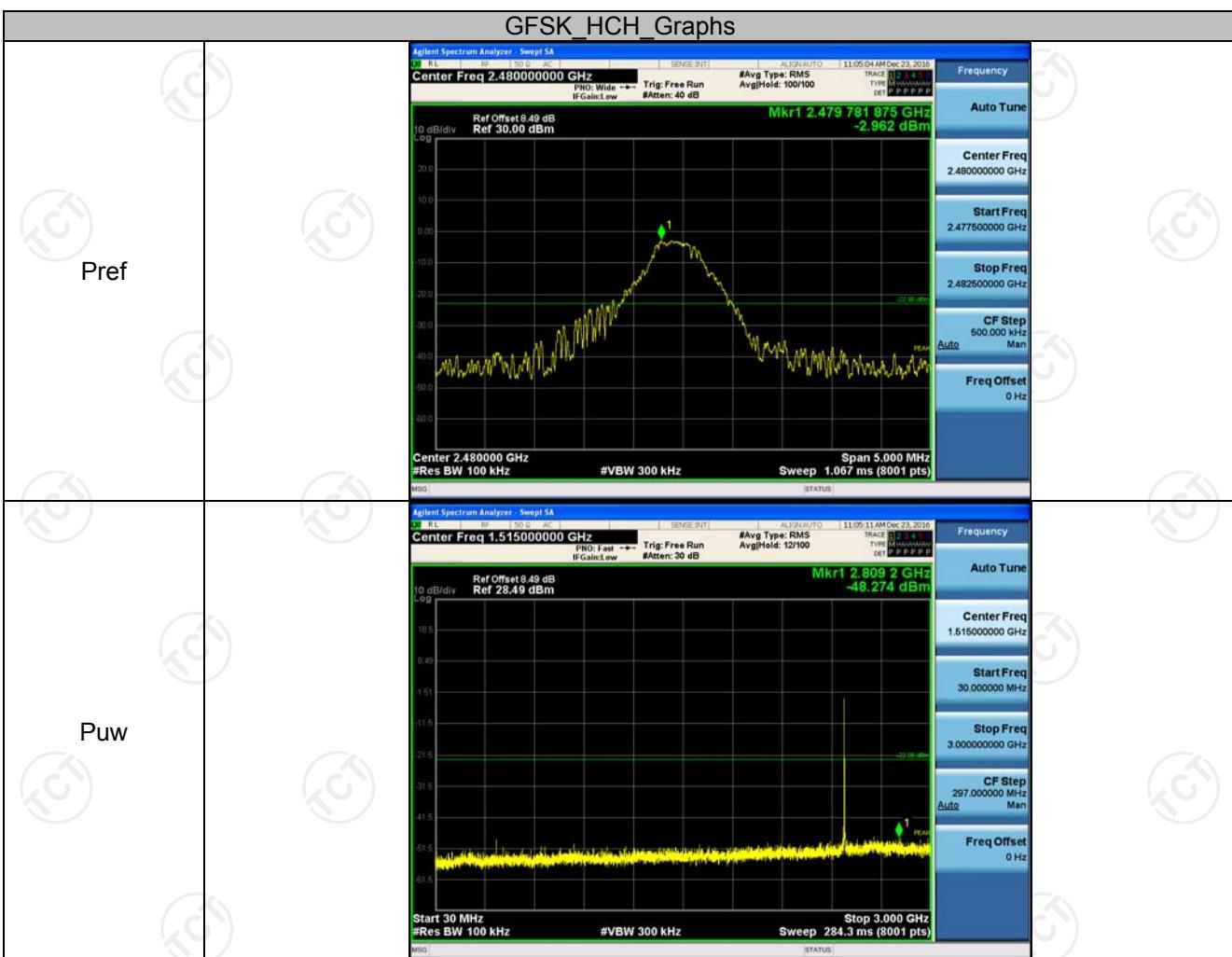
### Test Graph

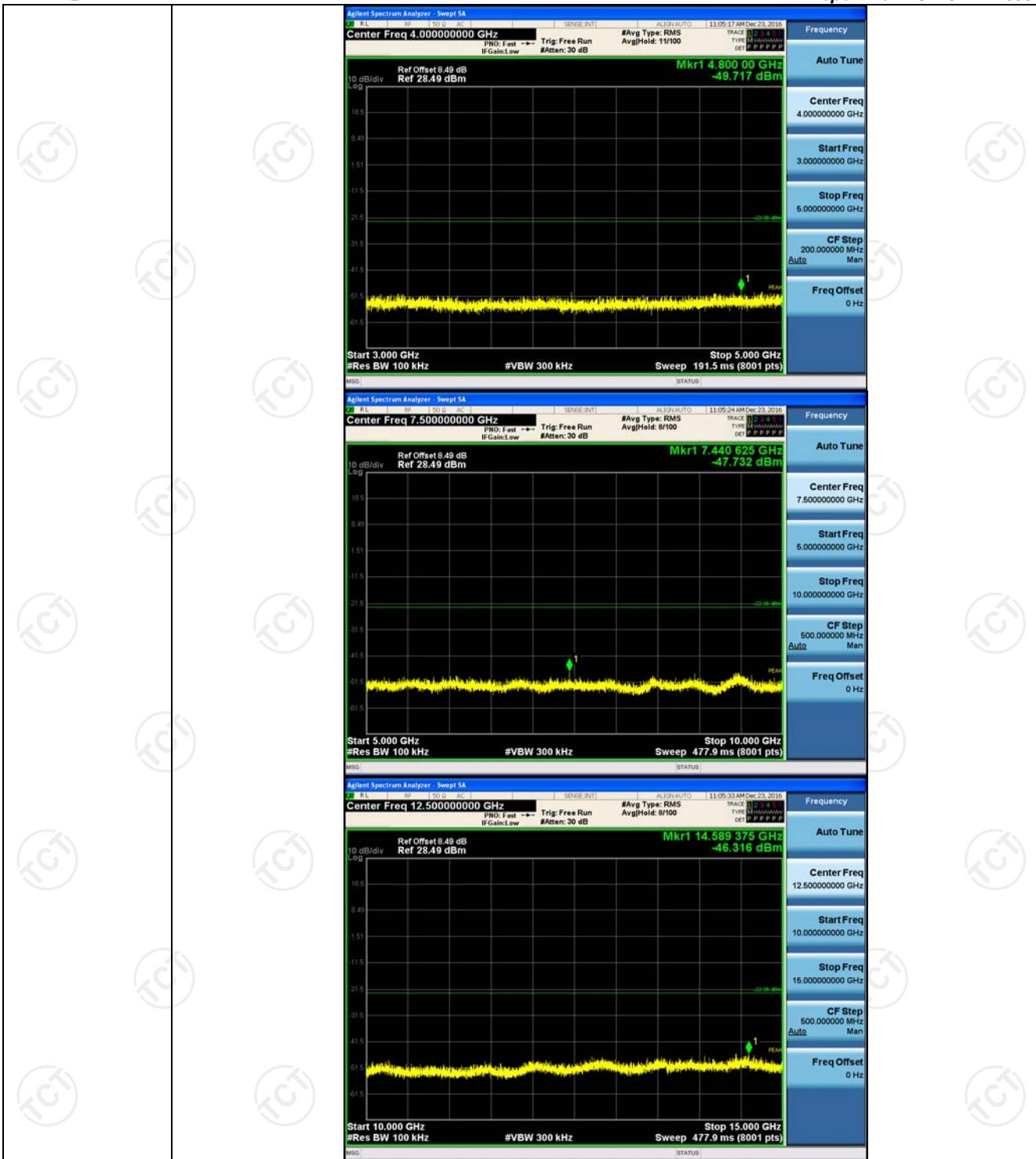


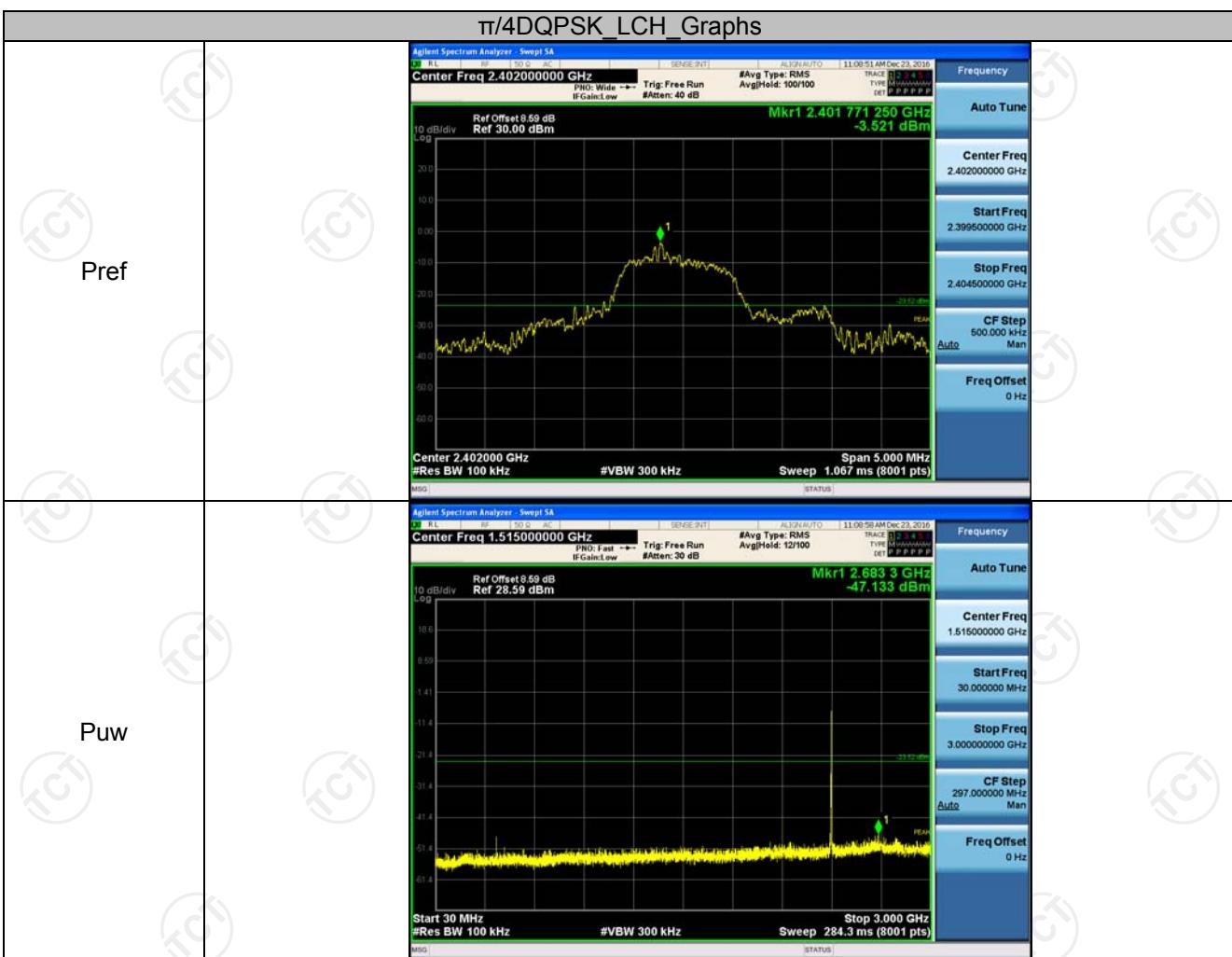


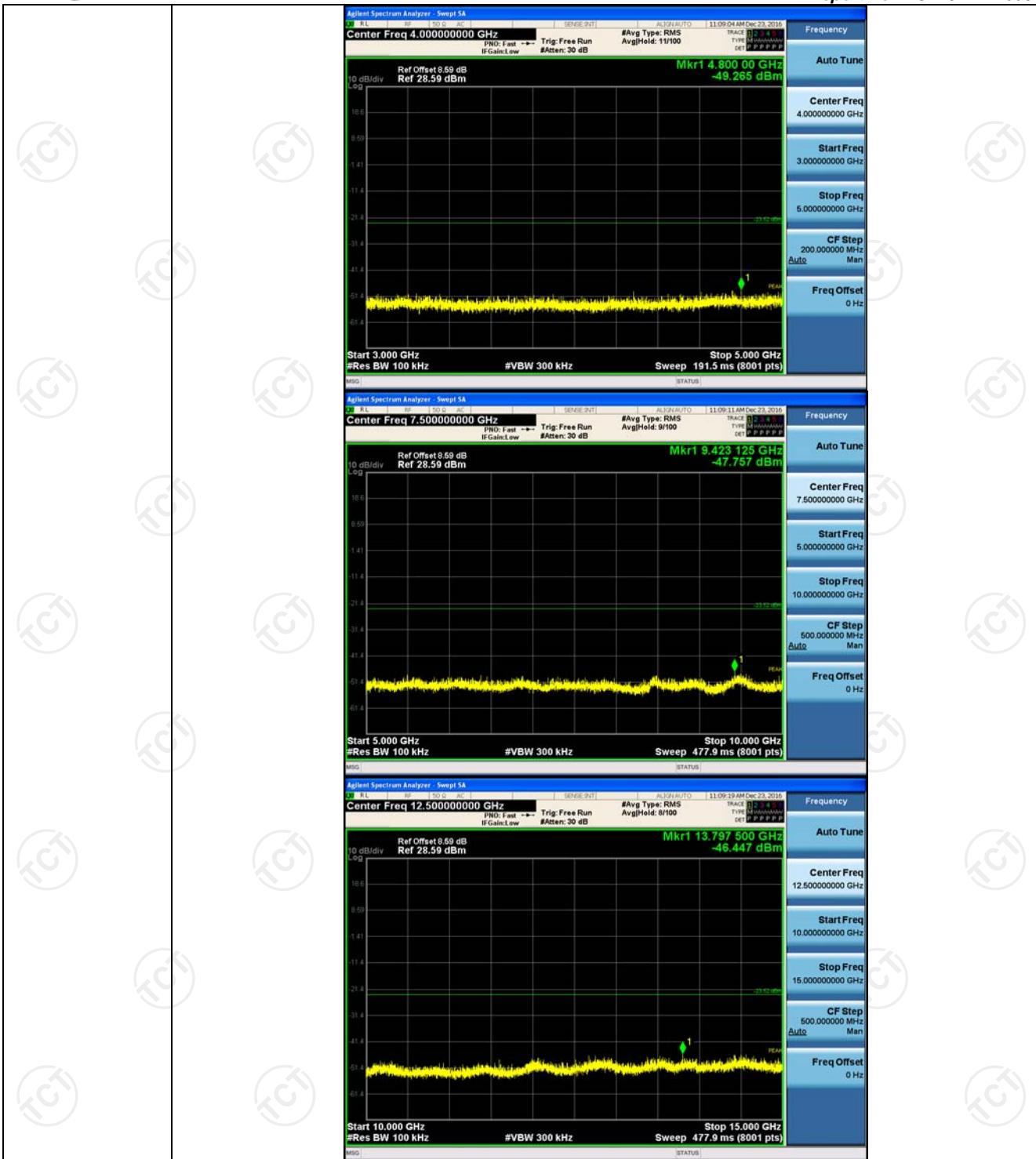


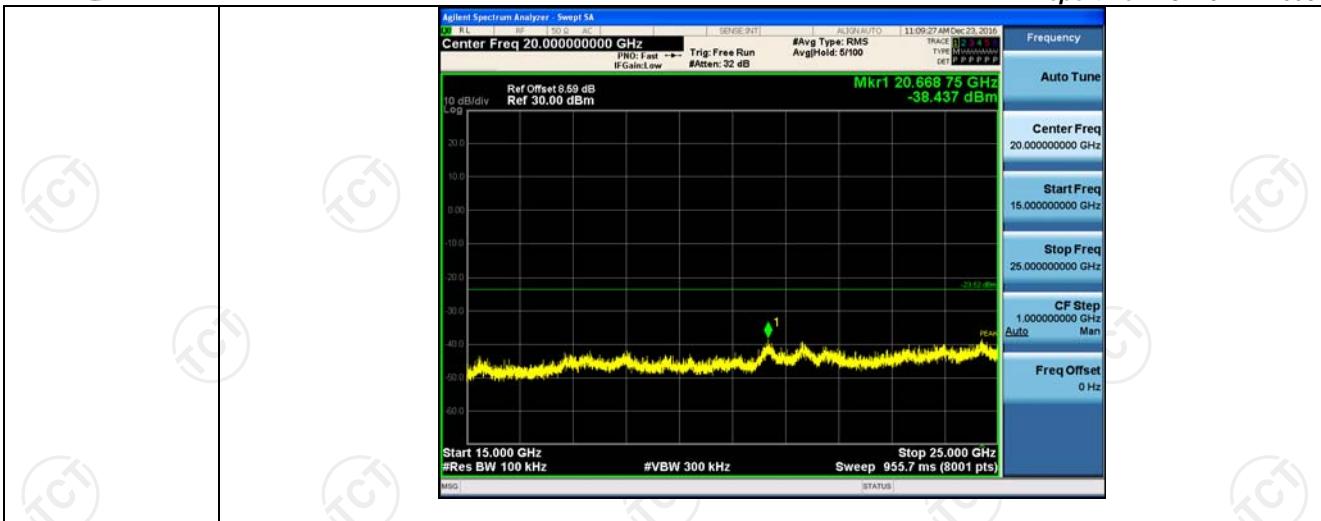


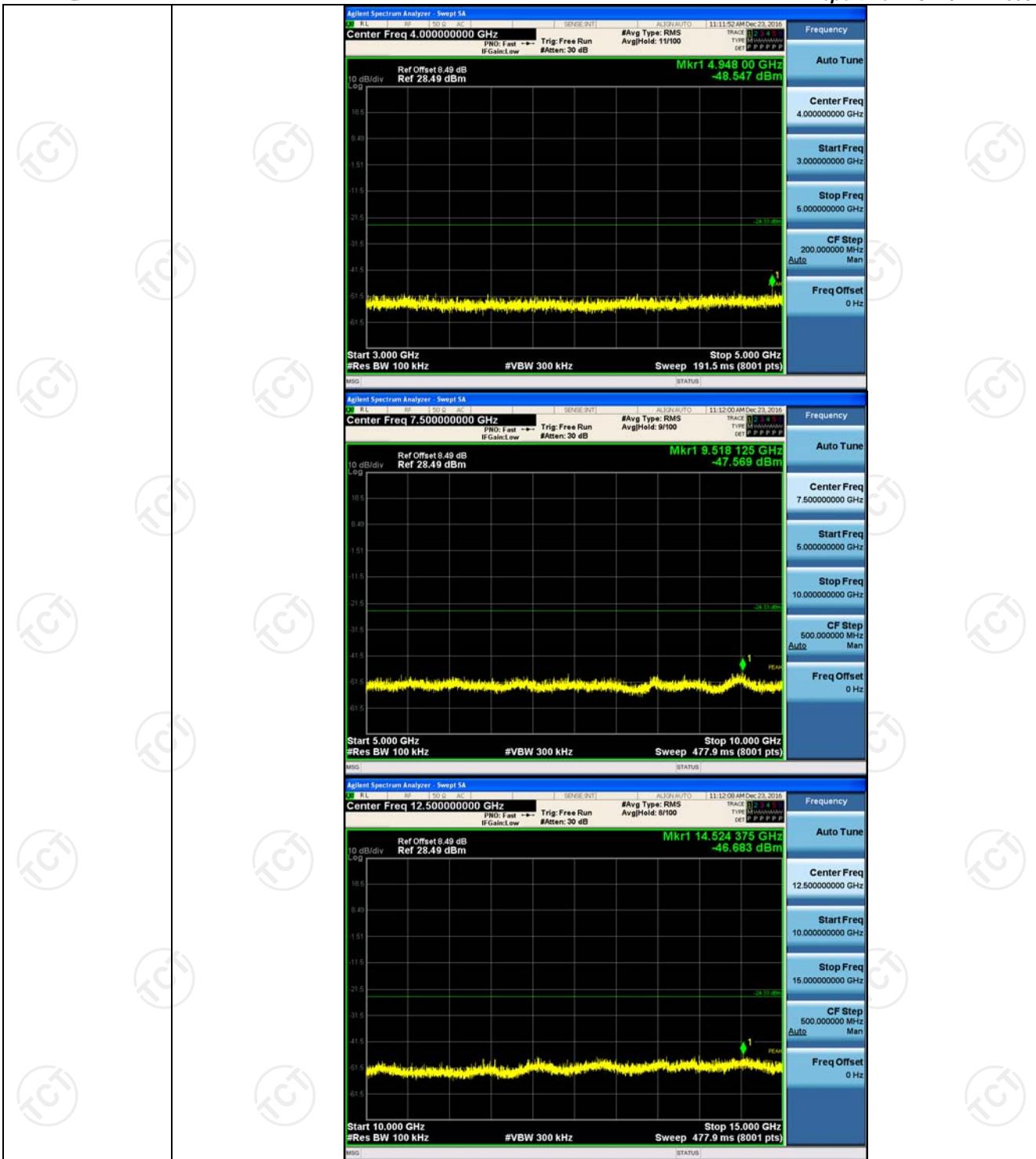


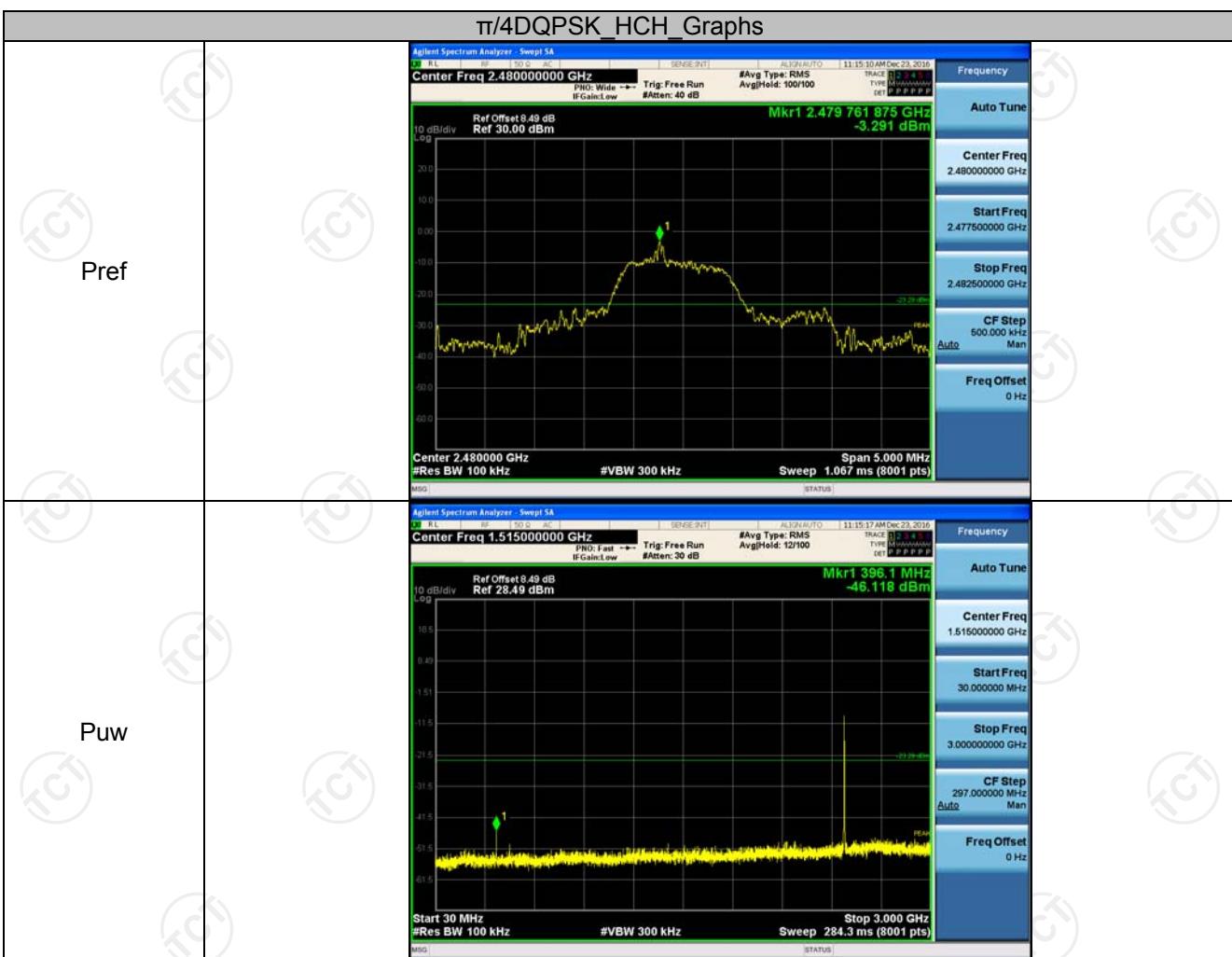


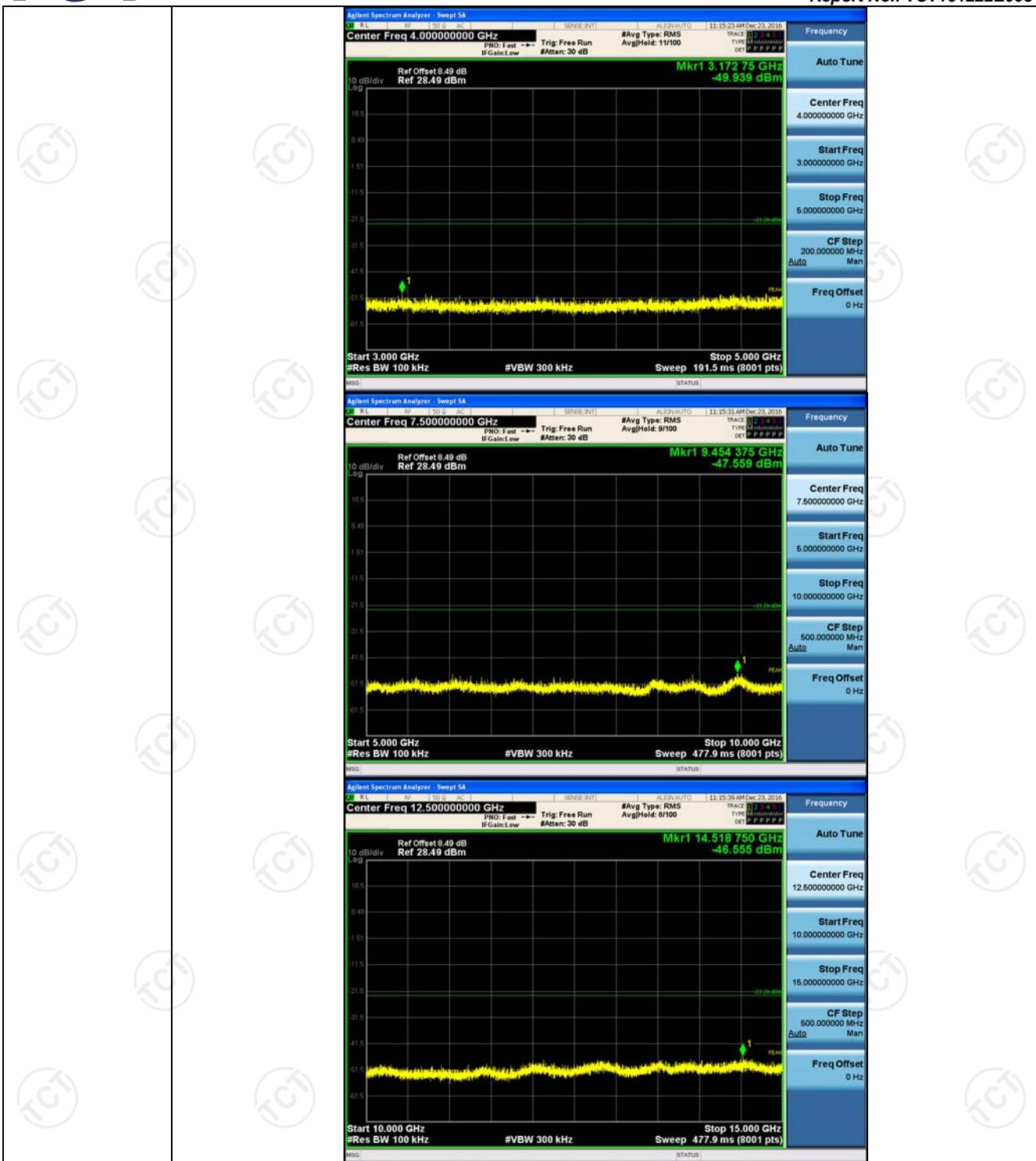


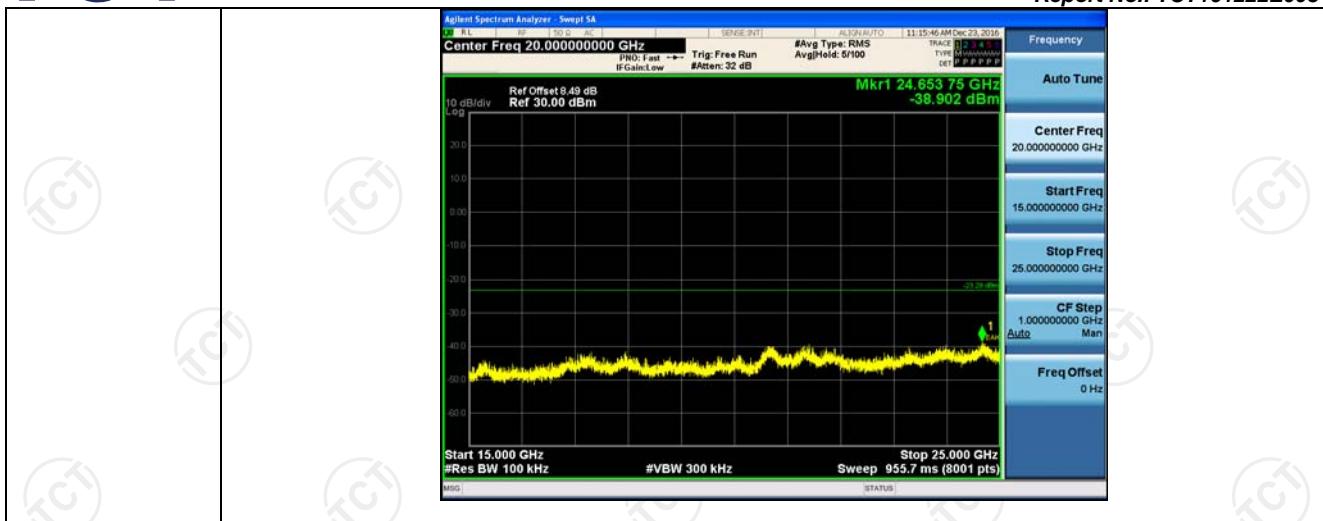










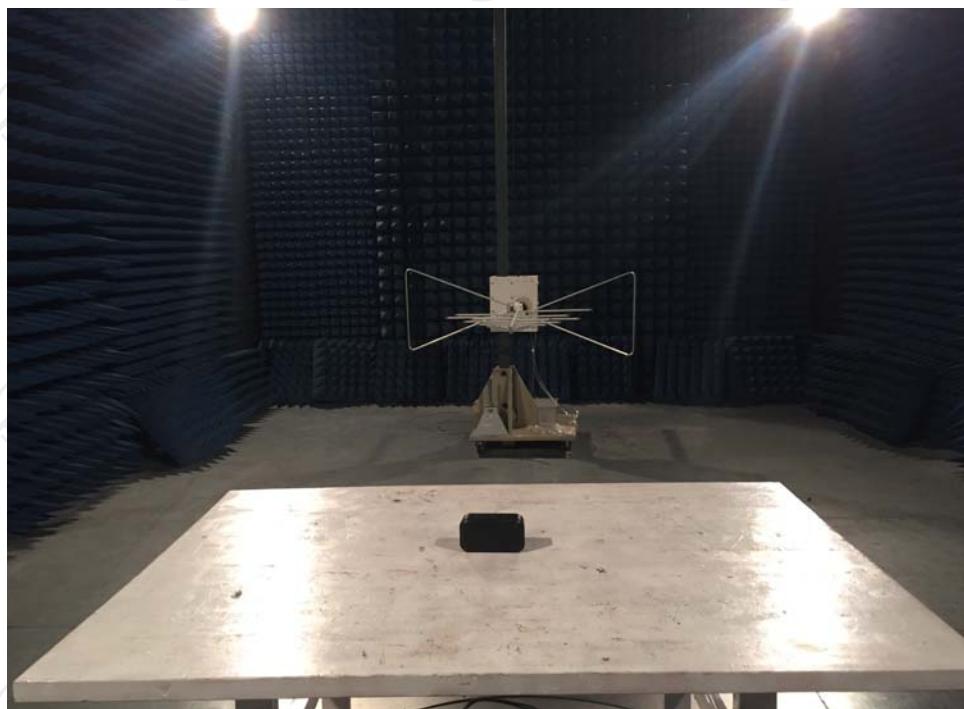


## Appendix B: Photographs of Test Setup

Product: Bluetooth Speaker

Model: CQL1587-B

Radiated Emission



CE



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

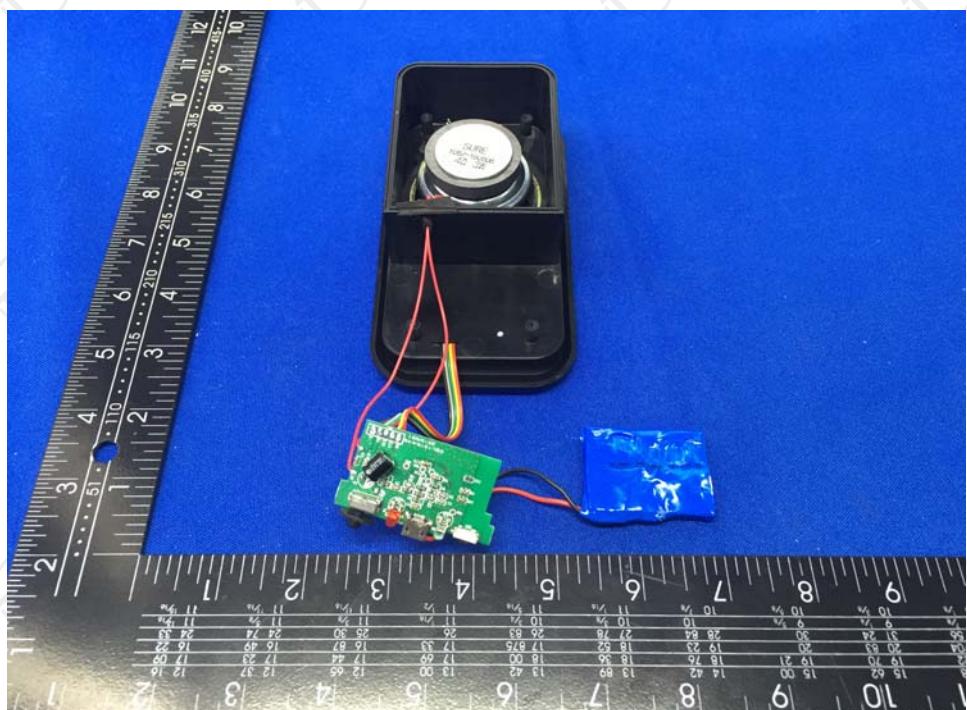
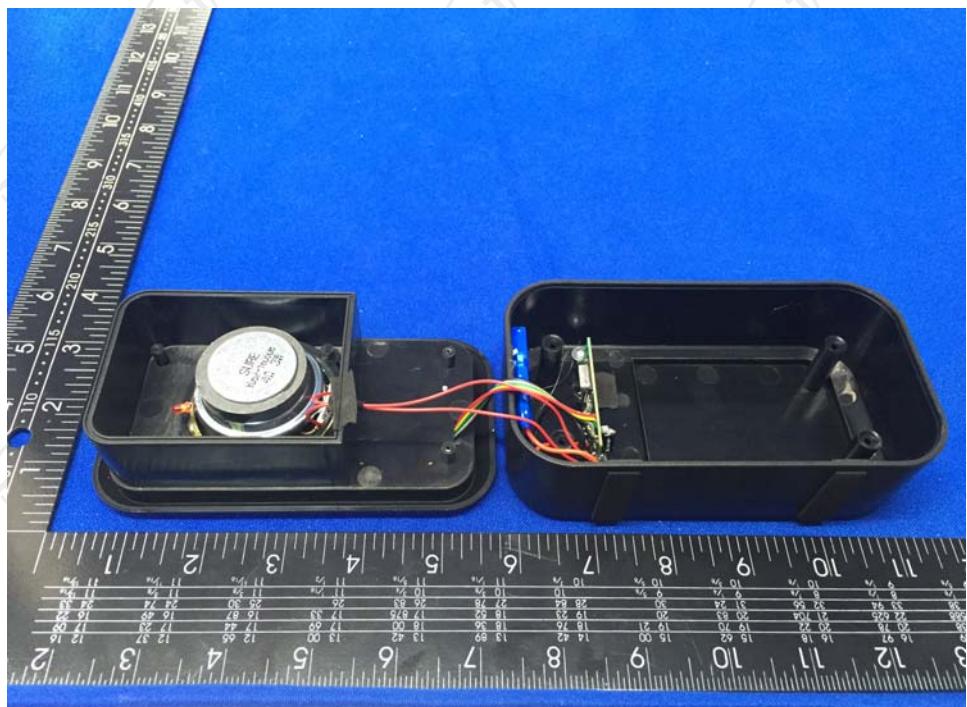


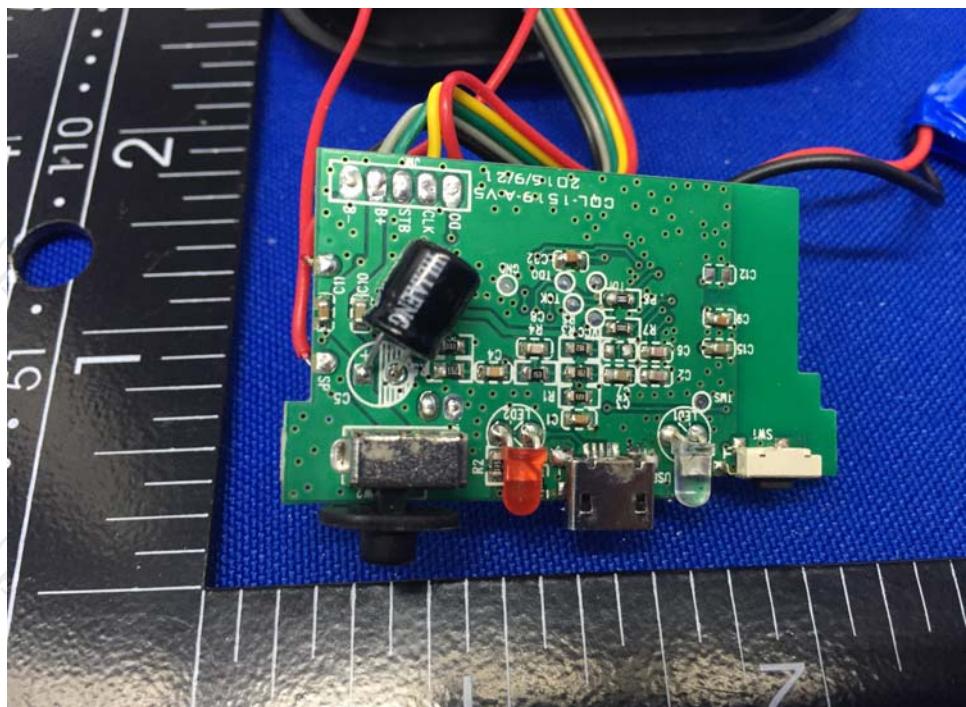


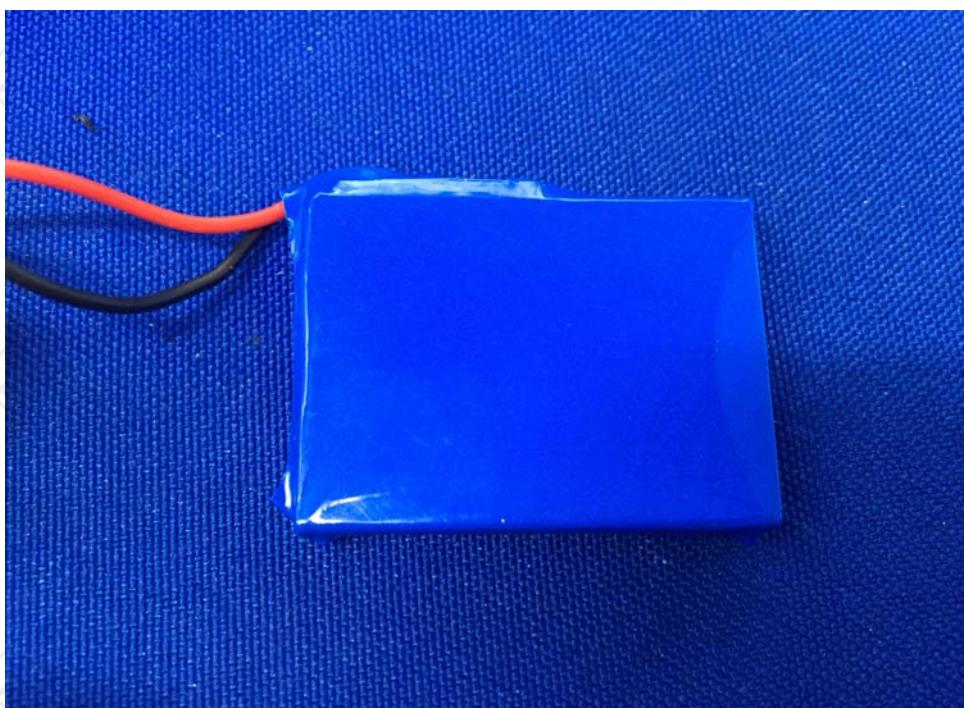




**Product: Bluetooth Speaker  
Model: CQL1587-B  
Internal Photos**







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