

## Appendix A

### RF Test Data for BT V5.0(DSS) (Conducted Measurement)

Product Name: STEREO SOUND BAR SYSTEM

Trade Mark: CRAIG

Test Model: CHT988

#### Environmental Conditions

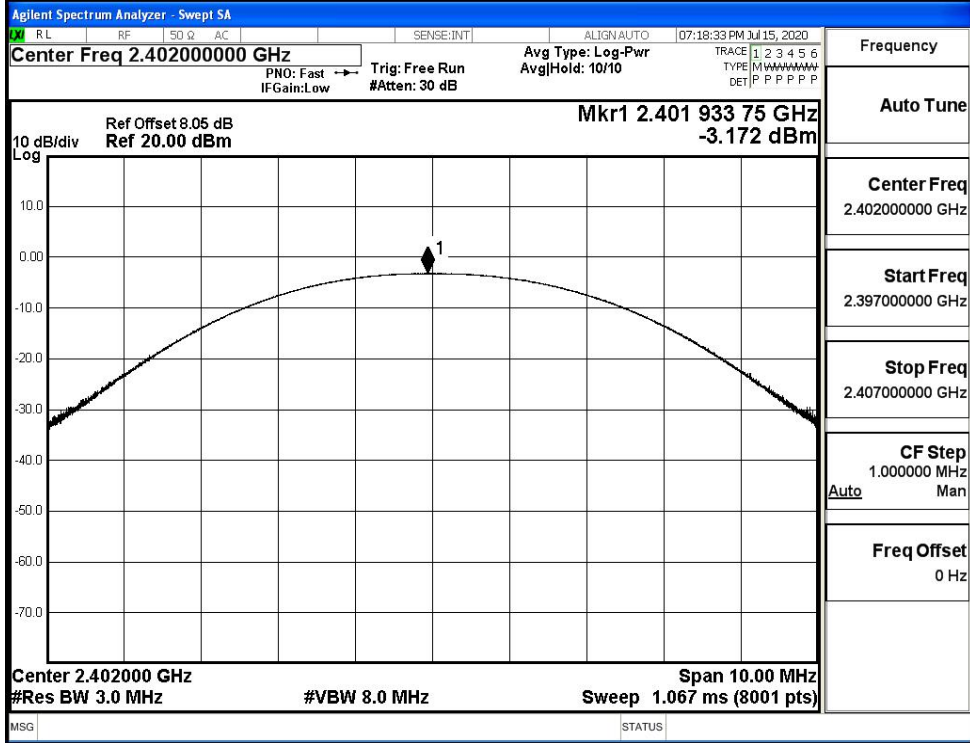
Temperature:	23.4 ° C
Relative Humidity:	53.5%
ATM Pressure:	100.0 kPa
Test Engineer:	Jay Li
Supervised by:	Li Huan

#### A.1 Maxmum Conducted Peak Output Power

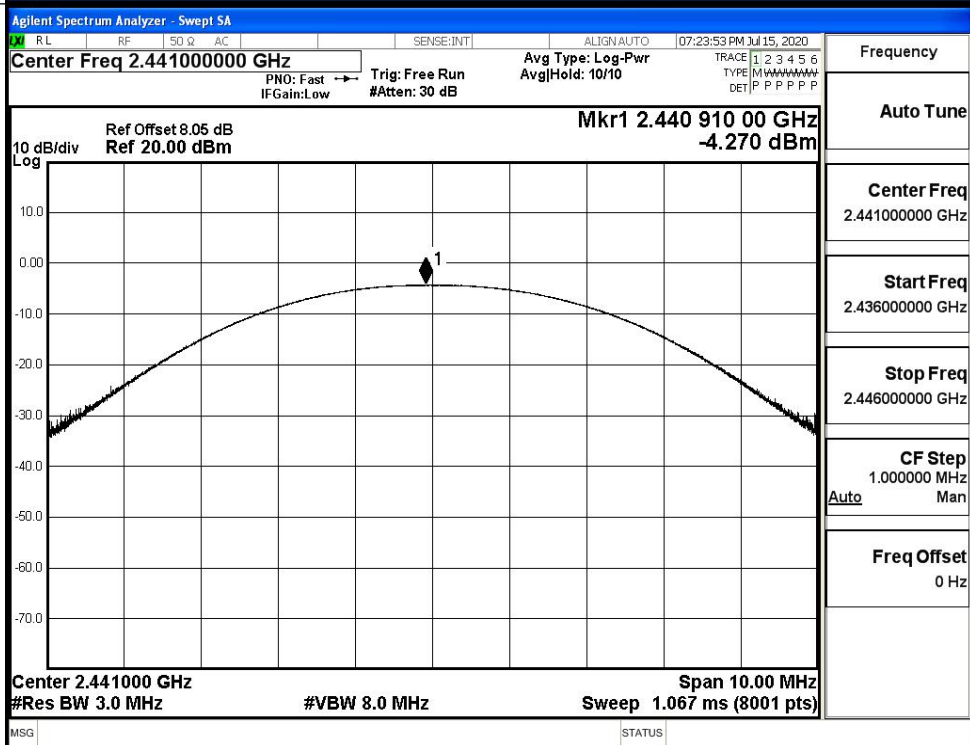
Mode	Channel.	Maximum Peak Output Power [dBm]	Limit [dBm]	Verdict
GFSK	LCH	-3.172	21	PASS
	MCH	-4.270	21	PASS
	HCH	-5.260	21	PASS
$\pi/4$ DQPSK	LCH	-0.903	21	PASS
	MCH	-2.079	21	PASS
	HCH	-3.055	21	PASS
8DPSK	LCH	<b>-0.353</b>	21	PASS
	MCH	-1.497	21	PASS
	HCH	-2.512	21	PASS

Test Graphs

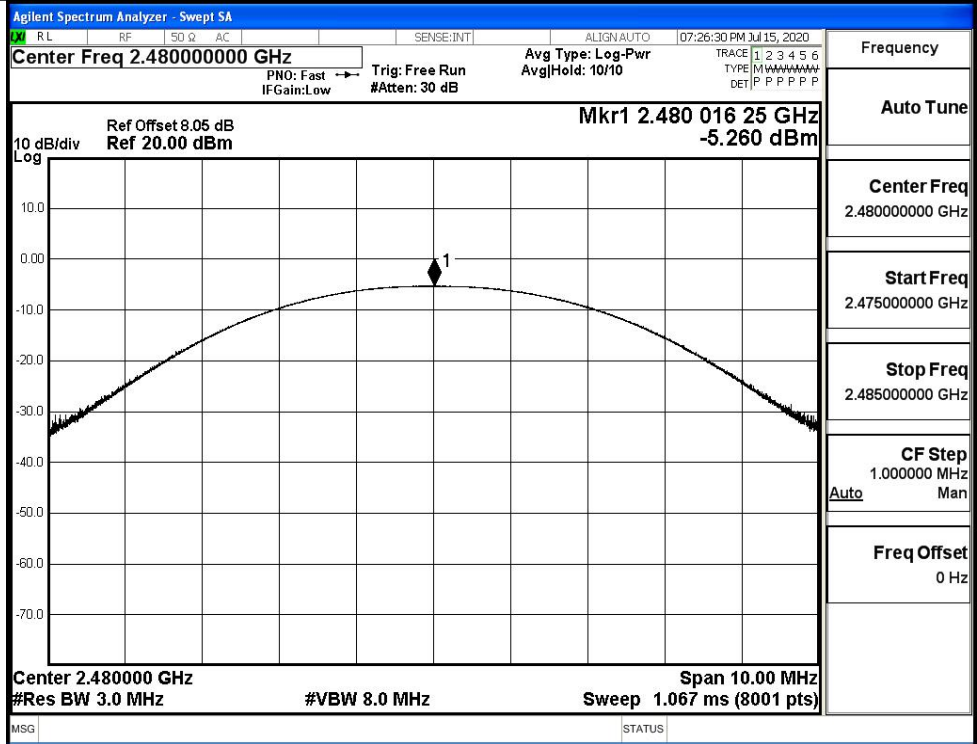
GFSK/LCH



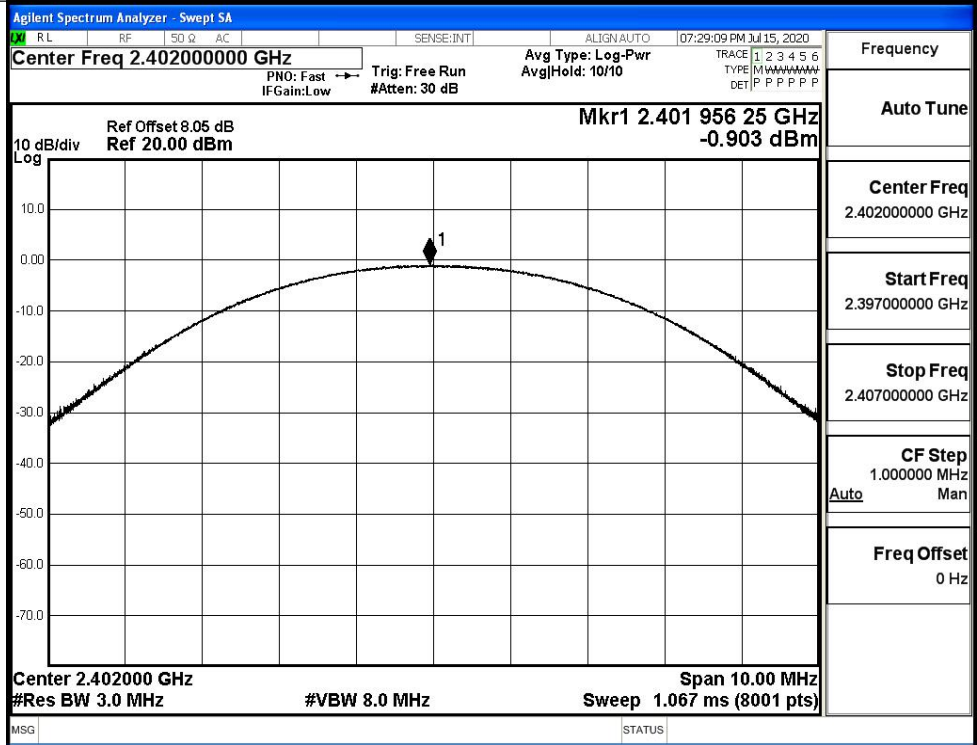
GFSK/MCH



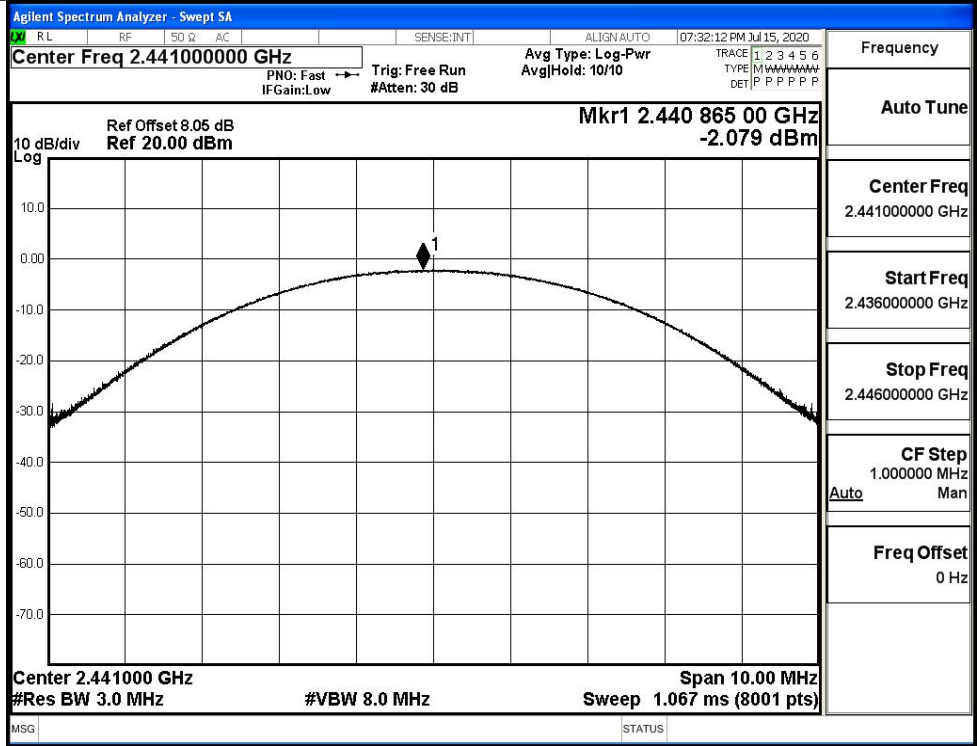
GFSK/HCH



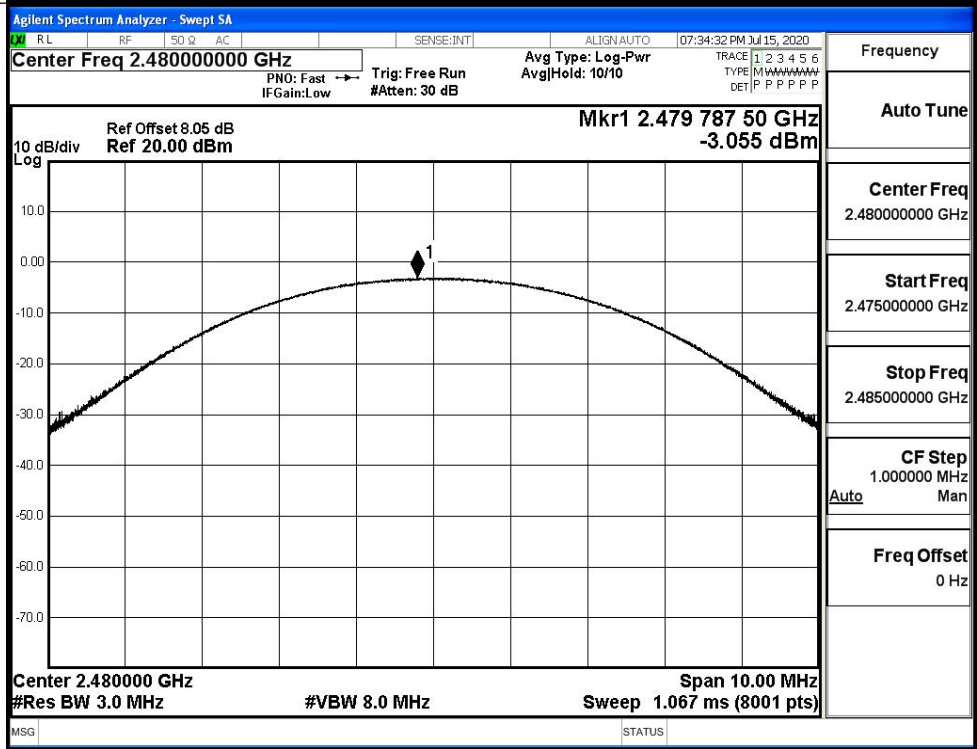
$\pi/4$ DQPSK/LCH



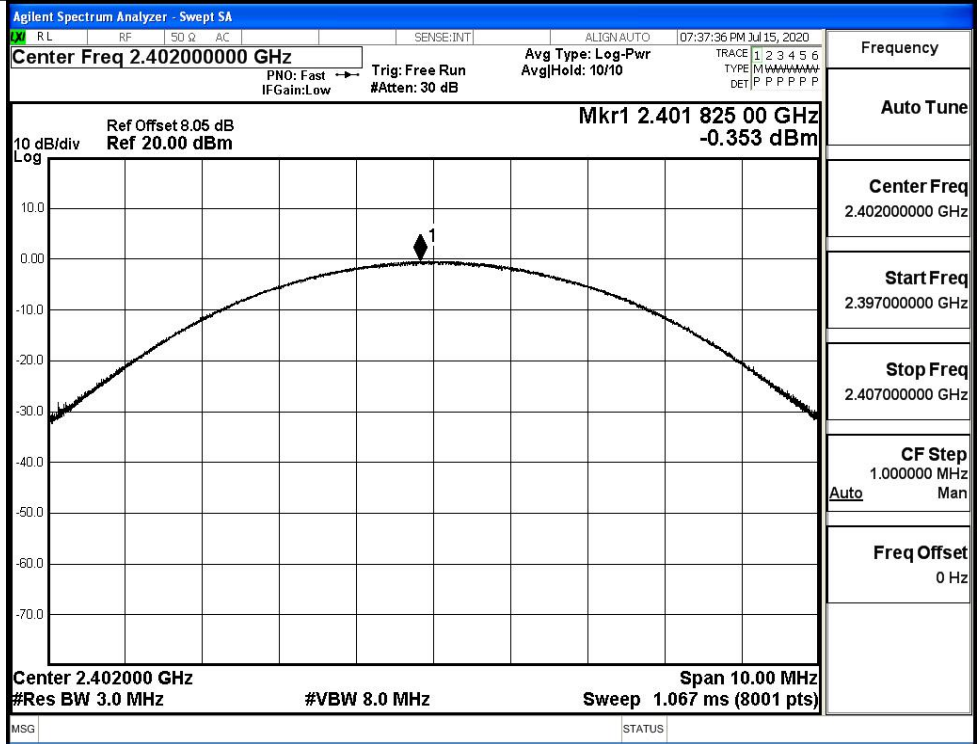
$\pi$ /4DQPSK/MCH



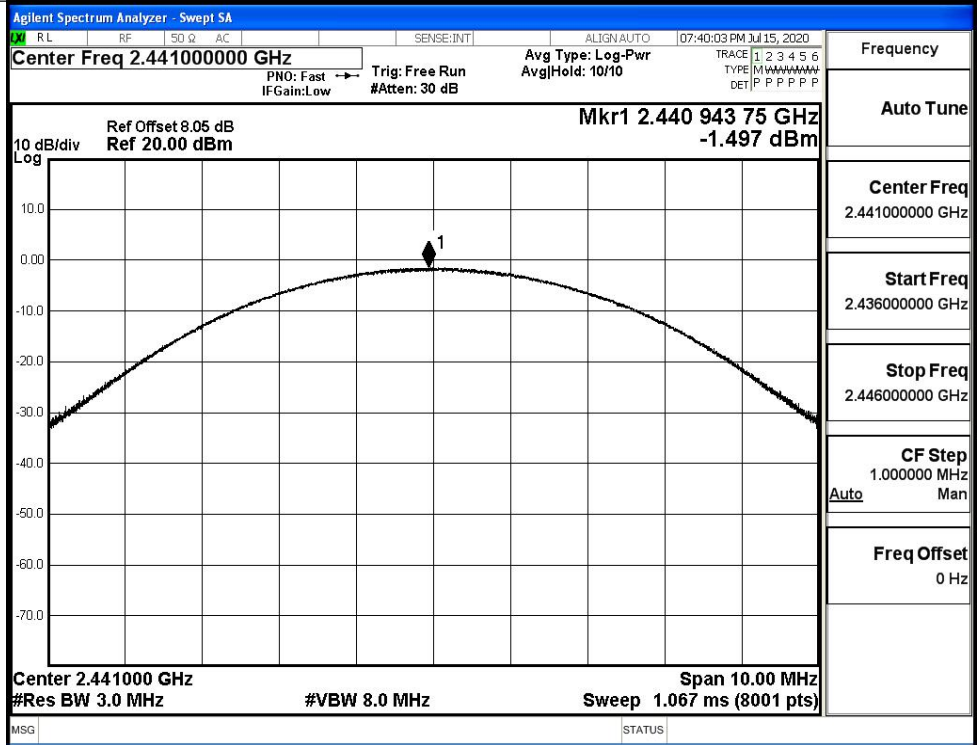
$\pi$ /4DQPSK/HCH



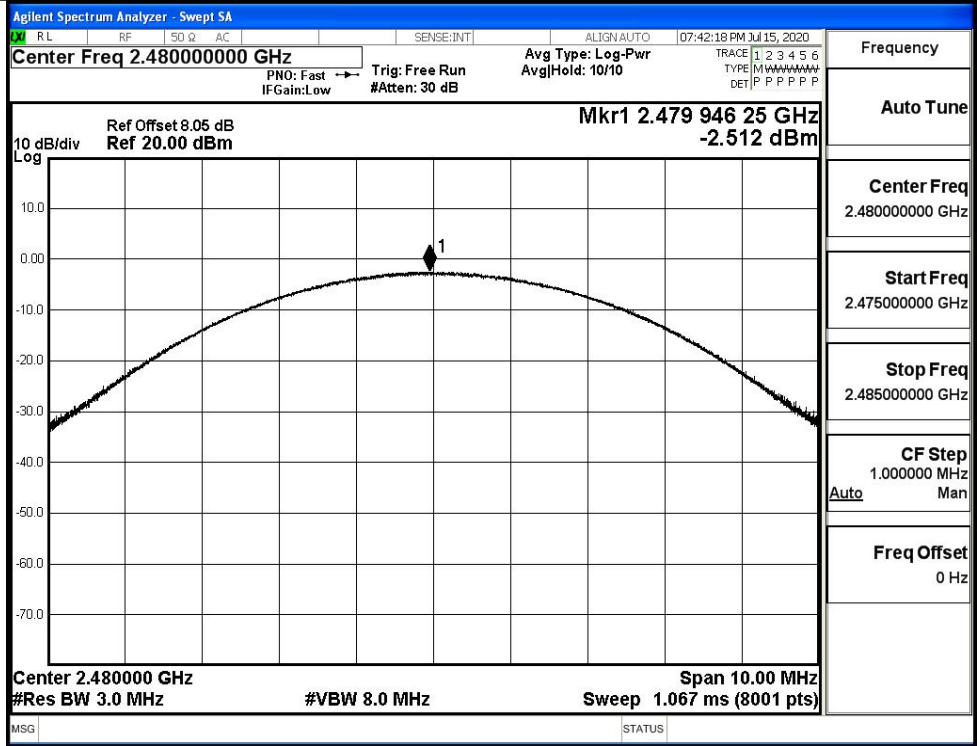
8DPSK/LCH



8DPSK/MCH

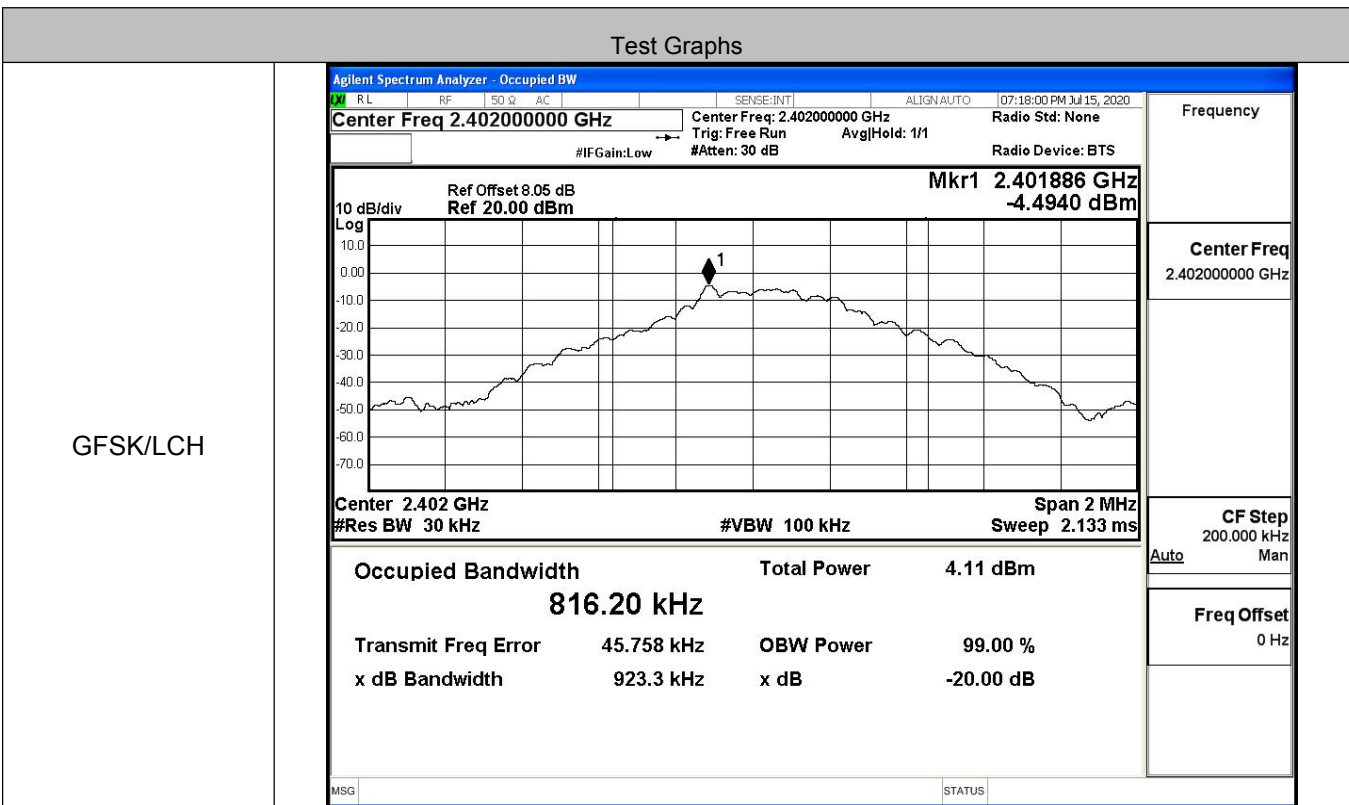


8DPSK/HCH

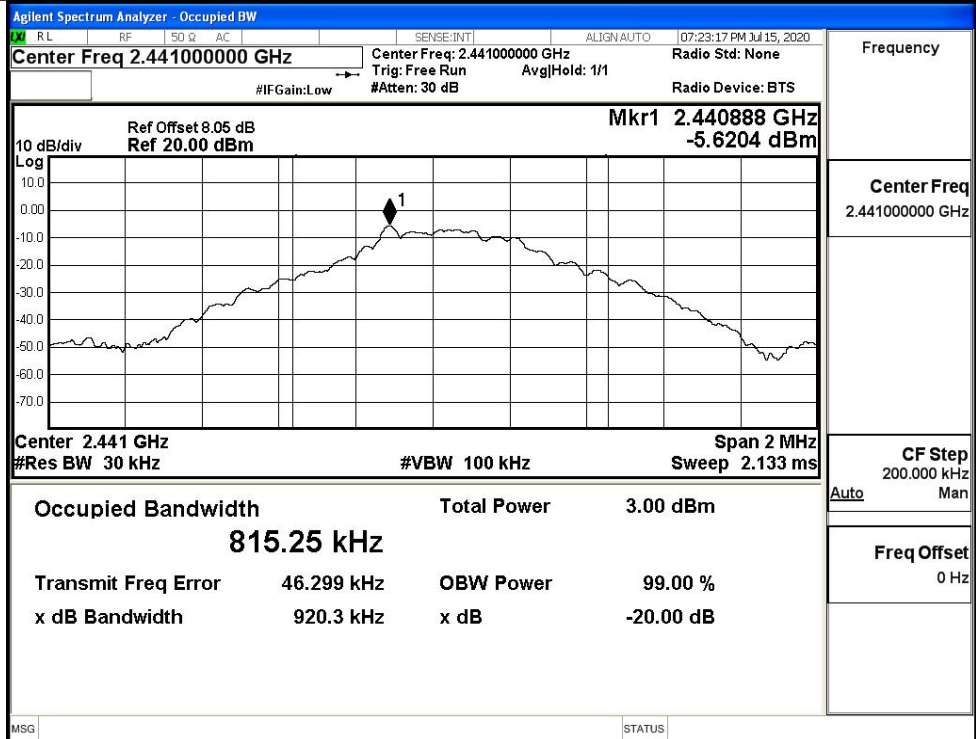


**A.2 20dB Bandwidth**

Mode	Channel.	20dB Bandwidth [MHz]	Limit [MHz]	Verdict
GFSK	LCH	0.9233	Not Specified	PASS
	MCH	0.9203	Not Specified	PASS
	HCH	0.9217	Not Specified	PASS
π/4DQPSK	LCH	1.283	Not Specified	PASS
	MCH	1.282	Not Specified	PASS
	HCH	1.281	Not Specified	PASS
8DPSK	LCH	1.288	Not Specified	PASS
	MCH	1.284	Not Specified	PASS
	HCH	1.298	Not Specified	PASS



GFSK/MCH



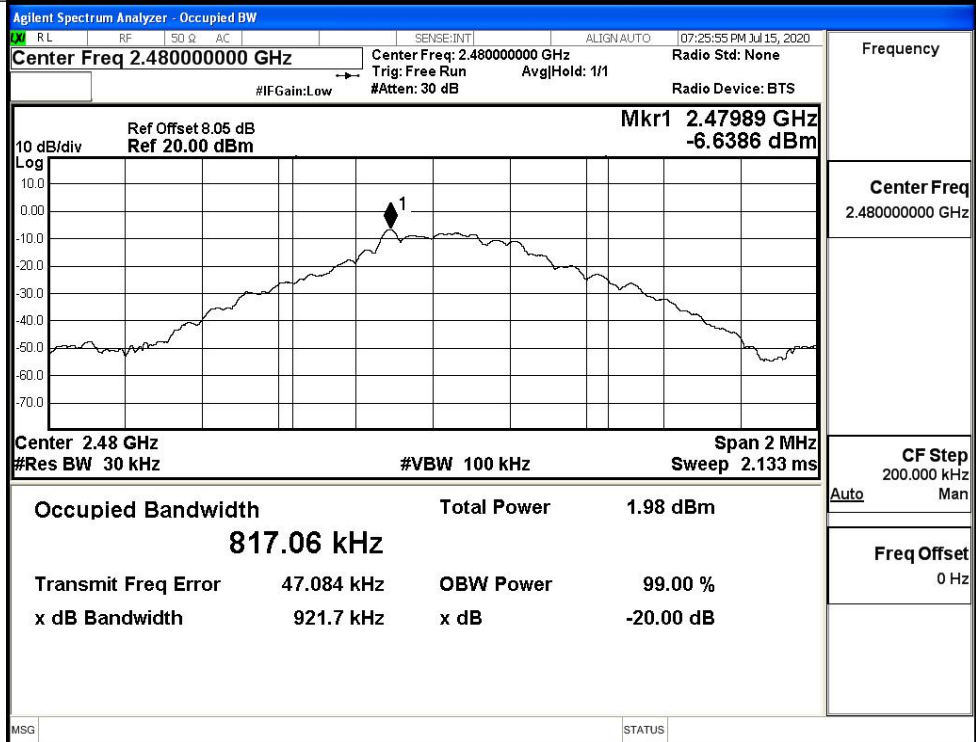
Frequency

Center Freq  
2.441000000 GHz

CF Step  
200.000 kHz

Freq Offset  
0 Hz

GFSK/HCH



Frequency

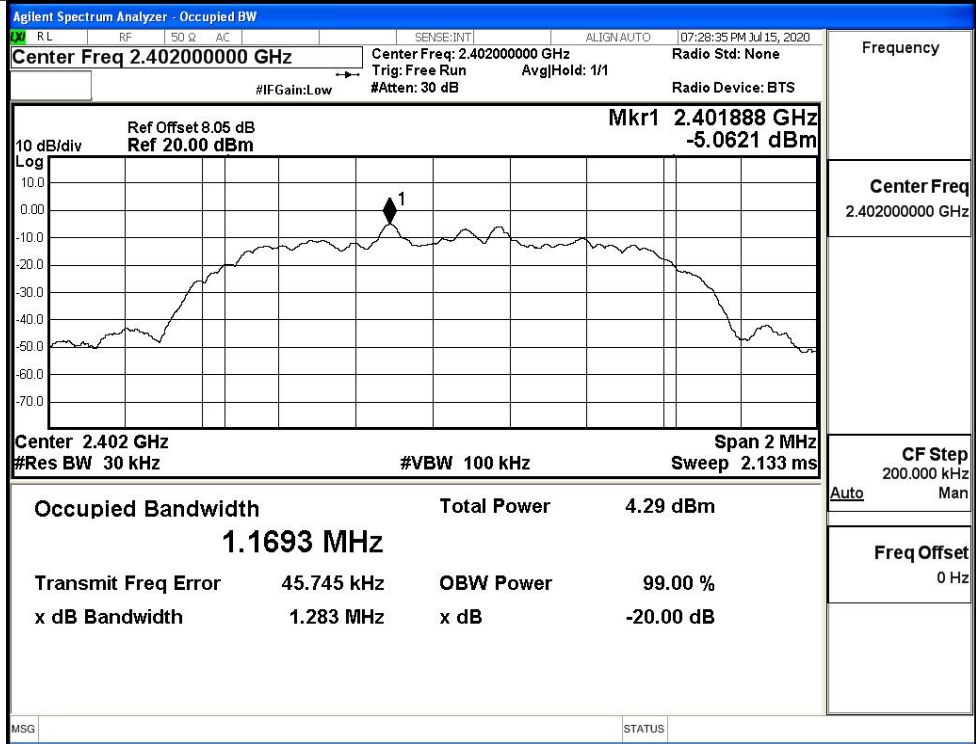
Center Freq  
2.480000000 GHz

CF Step  
200.000 kHz

Freq Offset  
0 Hz

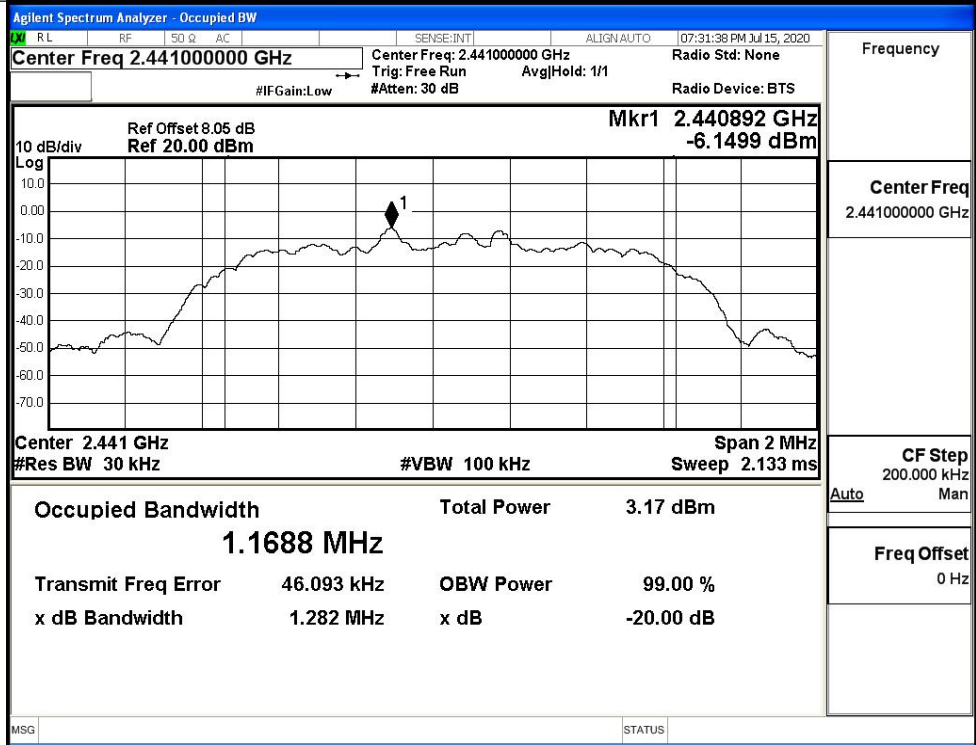


$\pi/4$ DQPSK/LCH



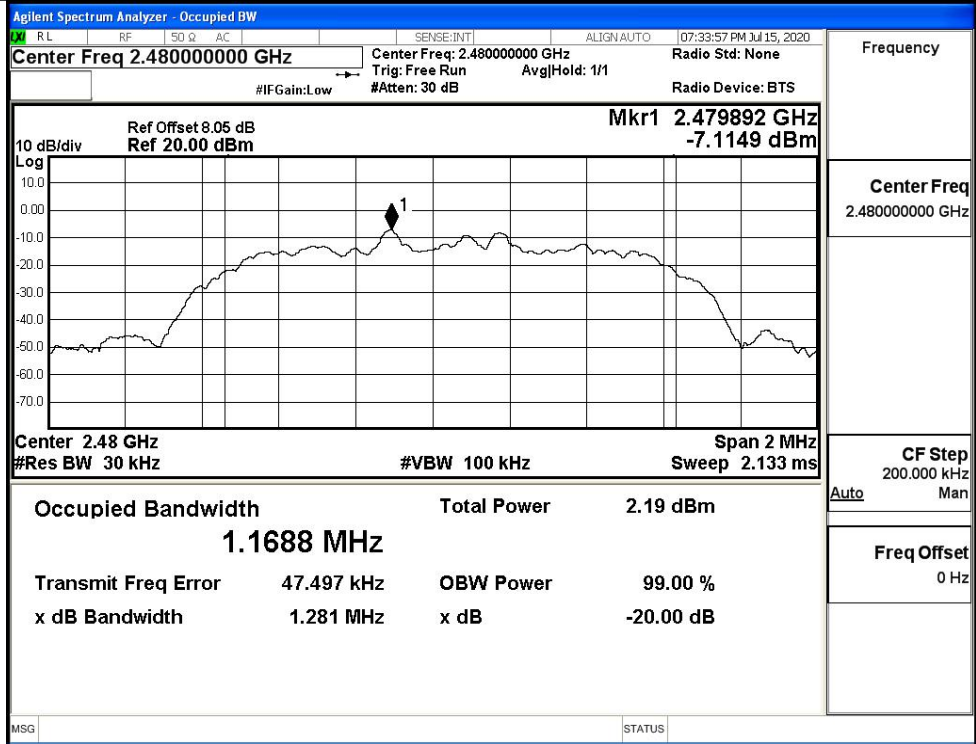
Frequency	2.40200000 GHz
Center Freq	2.40200000 GHz
CF Step	200.000 kHz
Auto	Man
Freq Offset	0 Hz

$\pi/4$ DQPSK/MCH



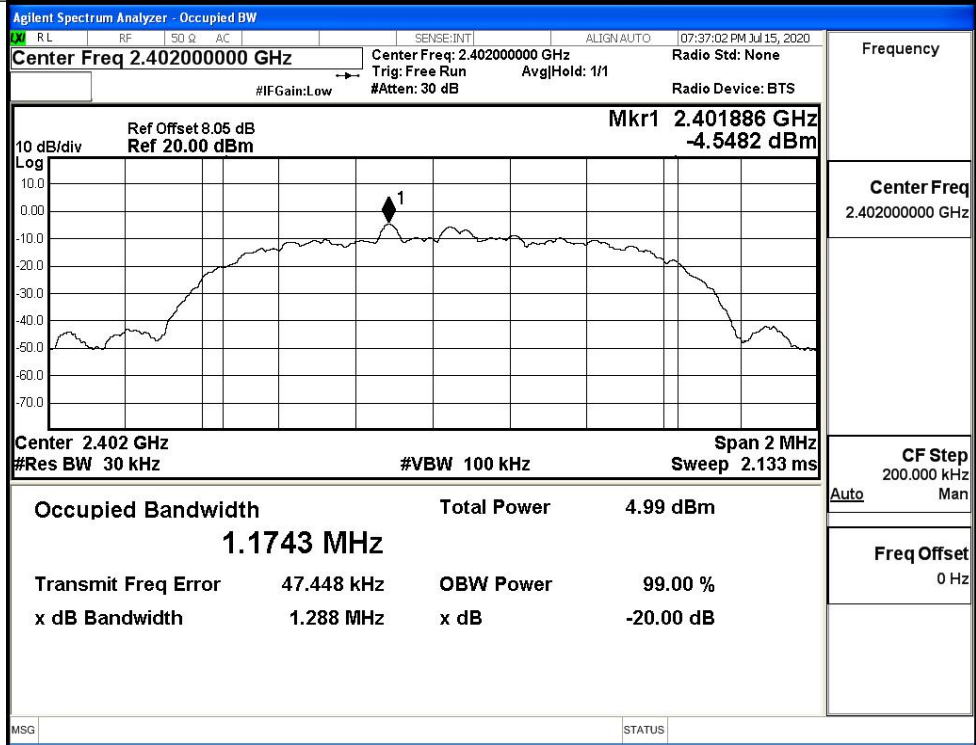
Frequency	2.44100000 GHz
Center Freq	2.44100000 GHz
CF Step	200.000 kHz
Auto	Man
Freq Offset	0 Hz

$\pi/4$ DQPSK/HCH



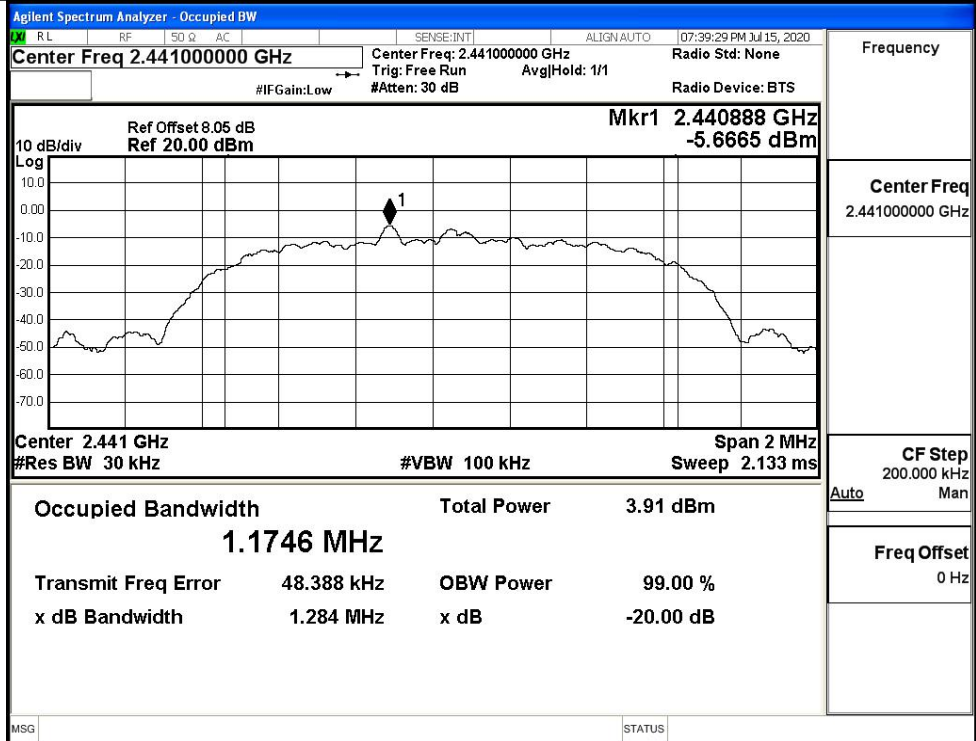
Frequency	2.48000000 GHz
Center Freq	2.48000000 GHz
CF Step	200.000 kHz
Auto	Man
Freq Offset	0 Hz

8DPSK/LCH

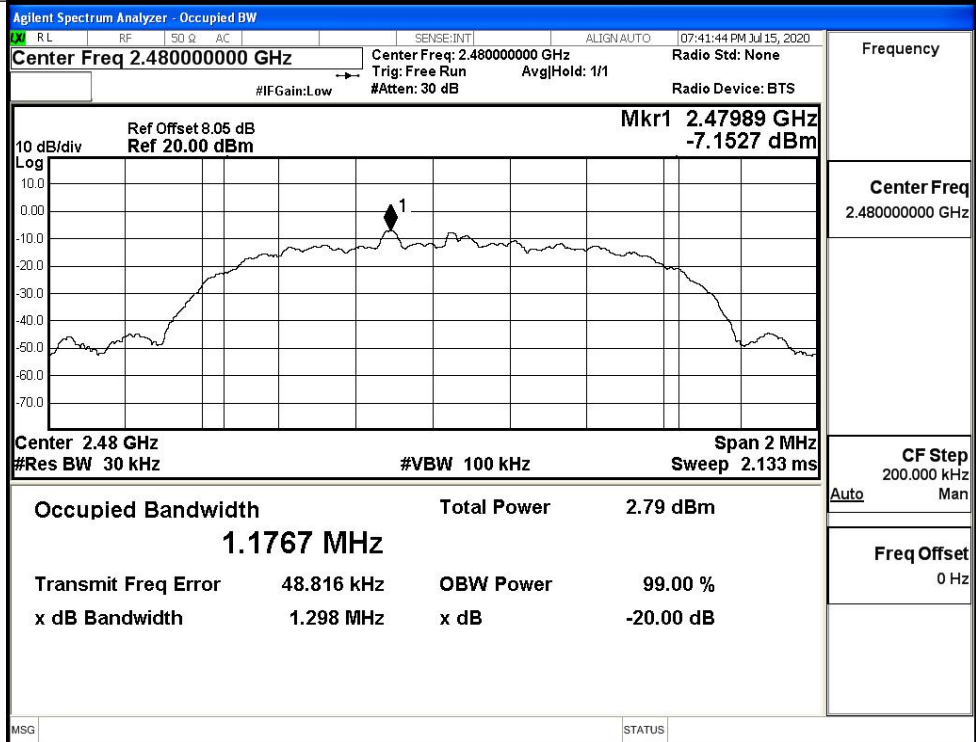


Frequency	2.40200000 GHz
Center Freq	2.40200000 GHz
CF Step	200.000 kHz
Auto	Man
Freq Offset	0 Hz

8DPSK/MCH

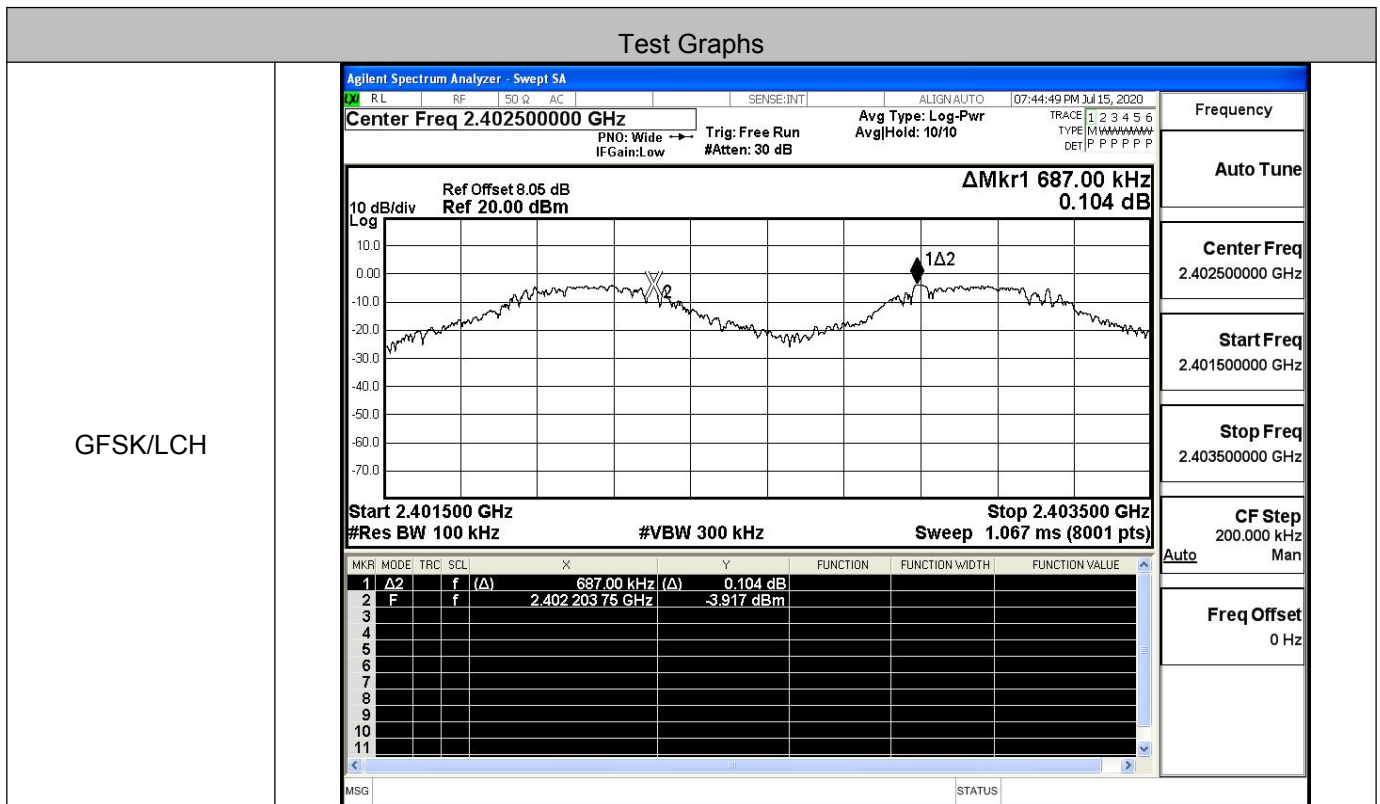


8DPSK/HCH

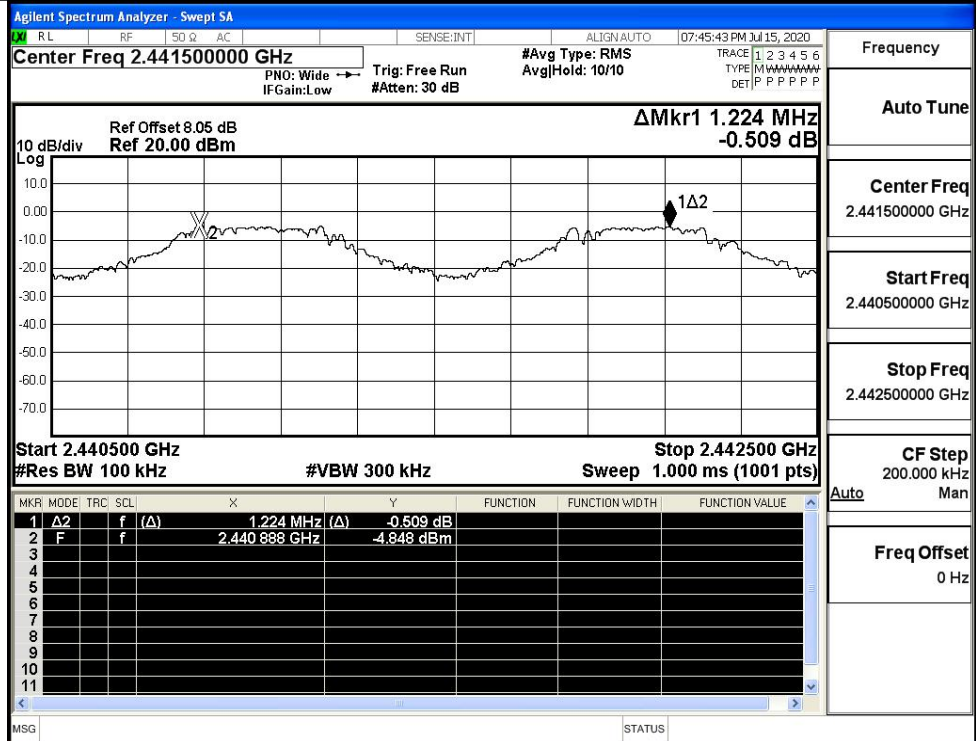


### A.3 Carrier Frequency Separation

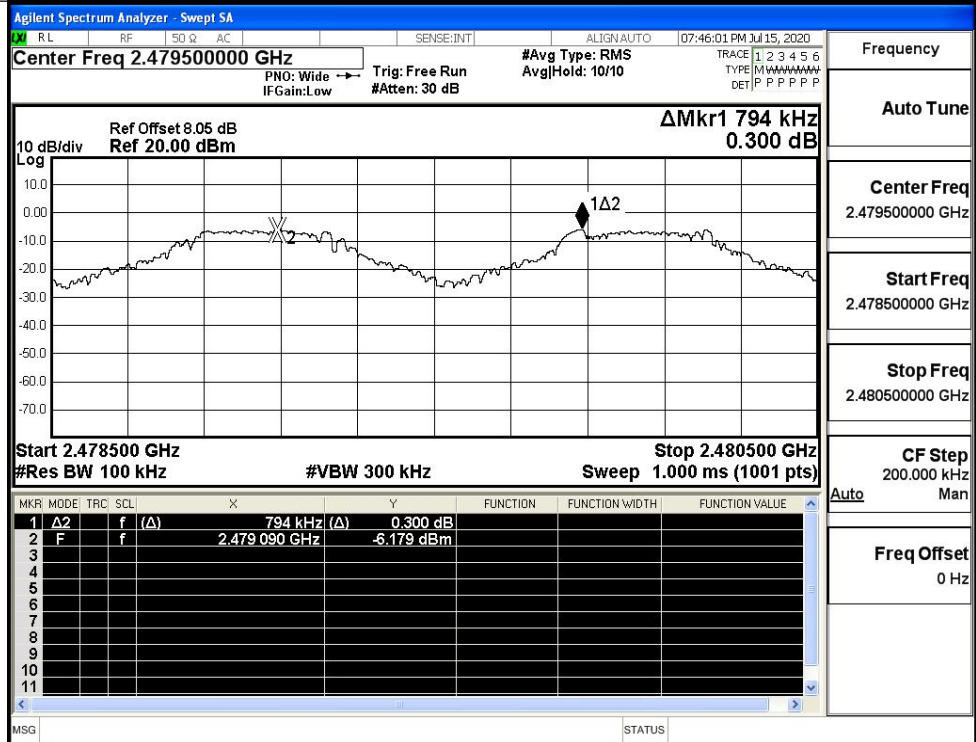
Mode	Channel	Carrier Frequency Separation [MHz]	Limit [MHz]	Verdict
GFSK	LCH	0.687	0.616	PASS
	MCH	1.224	0.614	PASS
	HCH	0.794	0.614	PASS
π/4DQPSK	LCH	0.890	0.855	PASS
	MCH	1.006	0.855	PASS
	HCH	0.992	0.854	PASS
8DPSK	LCH	0.880	0.859	PASS
	MCH	1.158	0.856	PASS
	HCH	1.248	0.865	PASS



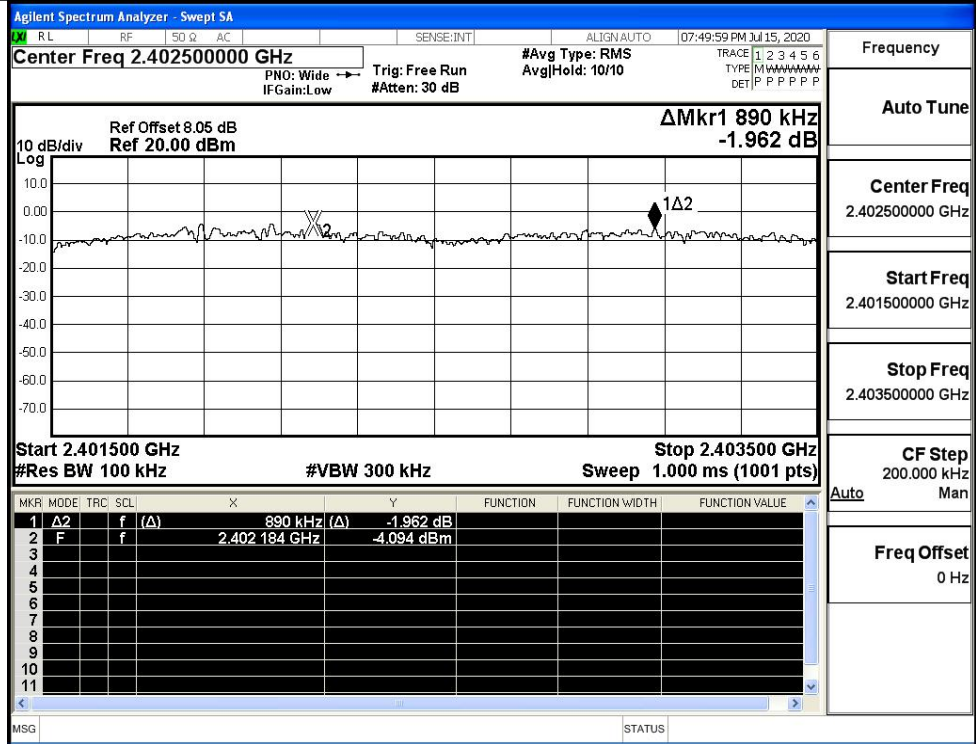
GFSK/MCH



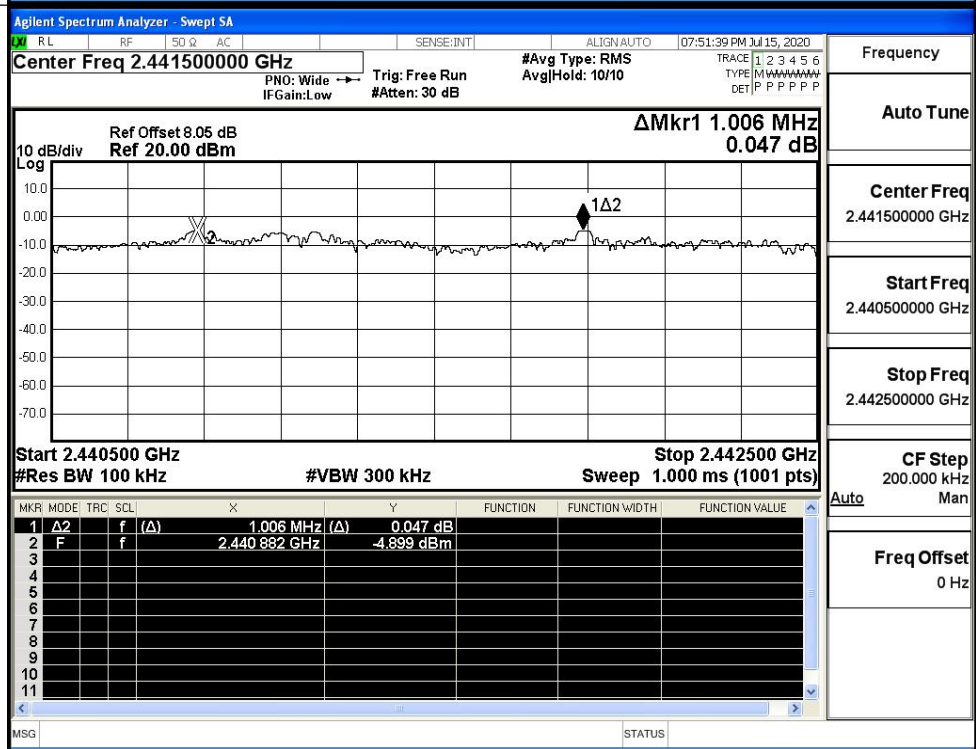
GFSK/HCH



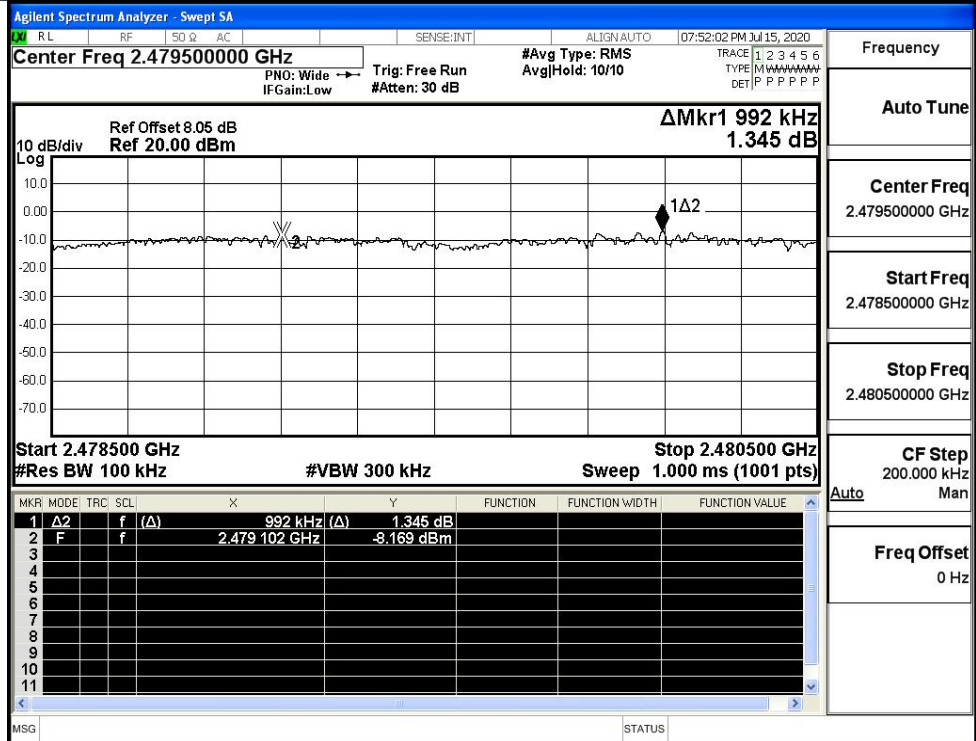
$\pi/4$ DQPSK/LCH



$\pi/4$ DQPSK/MCH



π/4DQPSK/HCH



Frequency

Auto Tune

Center Freq  
2.479500000 GHz

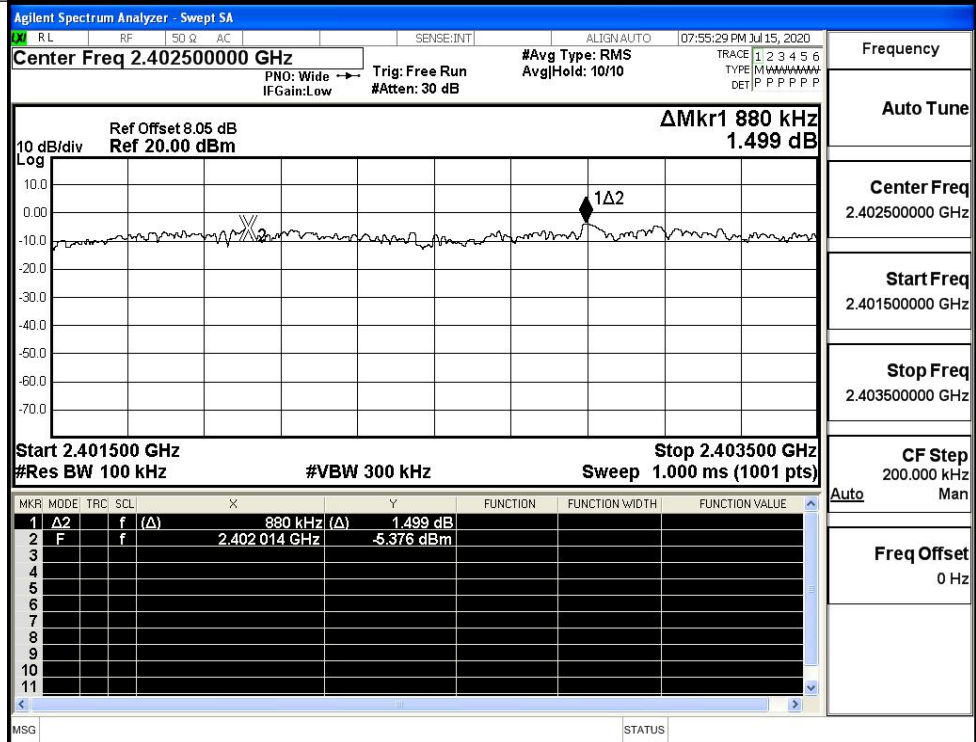
Start Freq  
2.478500000 GHz

Stop Freq  
2.480500000 GHz

CF Step  
200.000 kHz  
Auto Man

Freq Offset  
0 Hz

8DPSK/LCH



Frequency

Auto Tune

Center Freq  
2.402500000 GHz

Start Freq  
2.401500000 GHz

Stop Freq  
2.403500000 GHz

CF Step  
200.000 kHz  
Auto Man

Freq Offset  
0 Hz