

Appendix A

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

Product Name: STEREO SOUND BAR SYSTEM

Trade Mark: CRAIG

Test Model: CHT985

Environmental Conditions

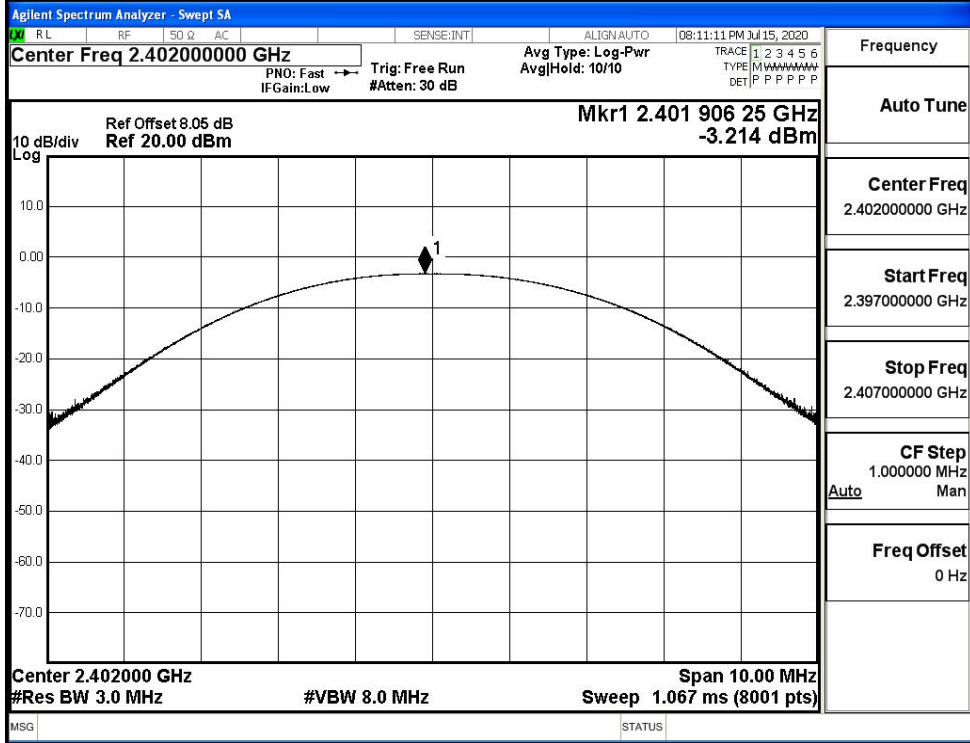
Temperature:	23.2 ° C
Relative Humidity:	54.5%
ATM Pressure:	100.0 kPa
Test Engineer:	Jay Li
Supervised by:	Li Huan

A.1 Maxmum Conducted Peak Output Power

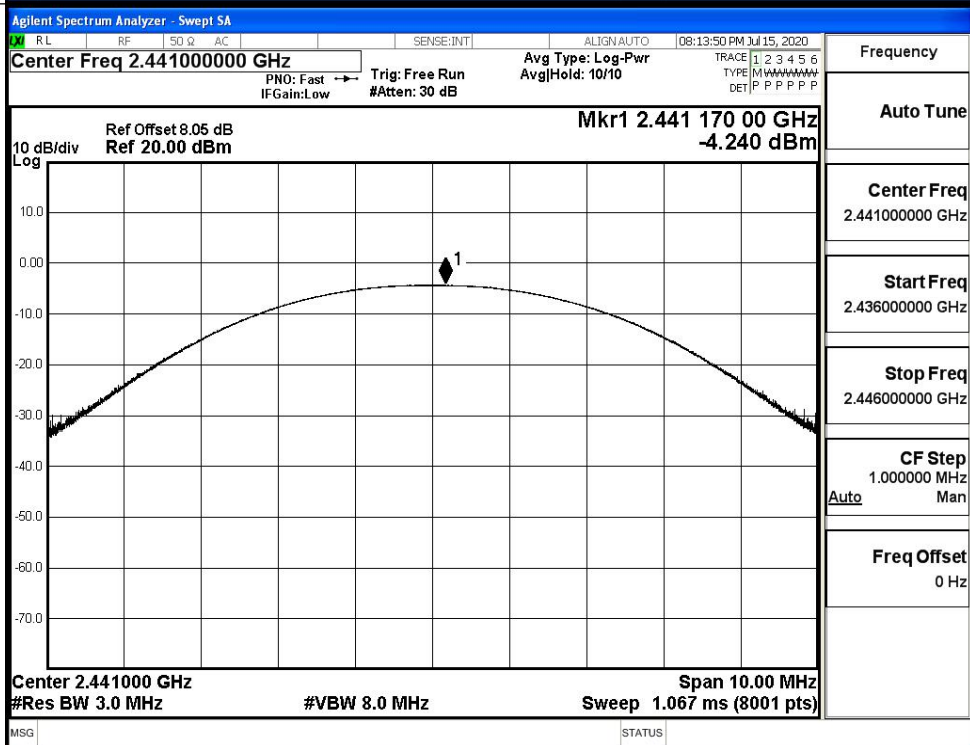
Mode	Channel.	Maximum Peak Output Power [dBm]	Limit [dBm]	Verdict
GFSK	LCH	-3.214	21	PASS
	MCH	-4.240	21	PASS
	HCH	-5.269	21	PASS
$\pi/4$ DQPSK	LCH	-1.062	21	PASS
	MCH	-2.174	21	PASS
	HCH	-3.153	21	PASS
8DPSK	LCH	-0.497	21	PASS
	MCH	-1.605	21	PASS
	HCH	-2.630	21	PASS

Test Graphs

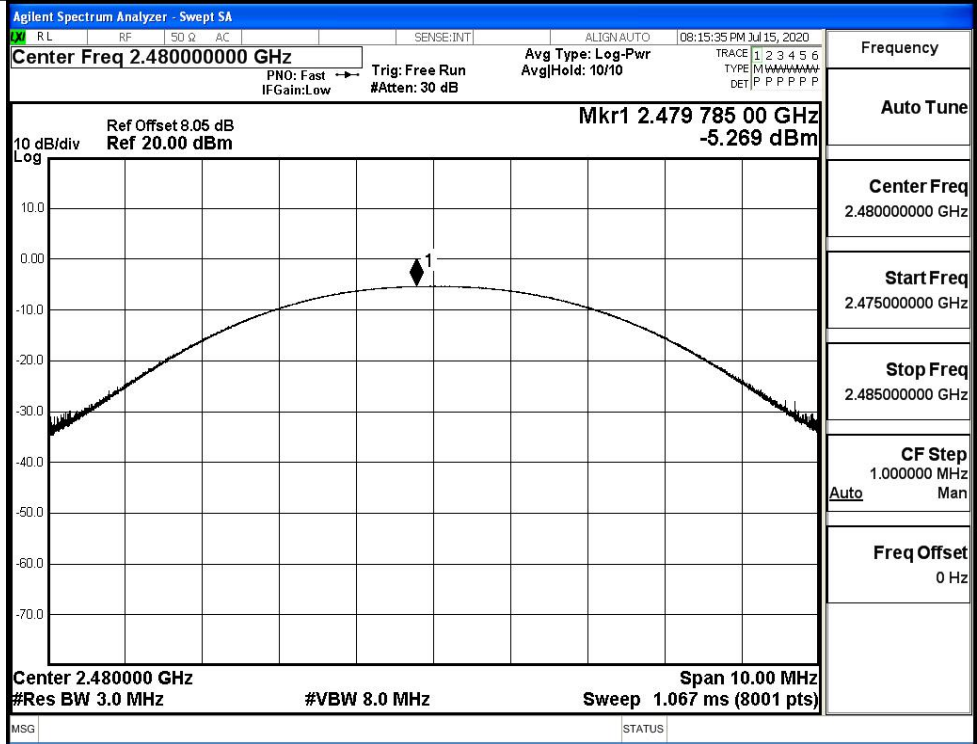
GFSK/LCH



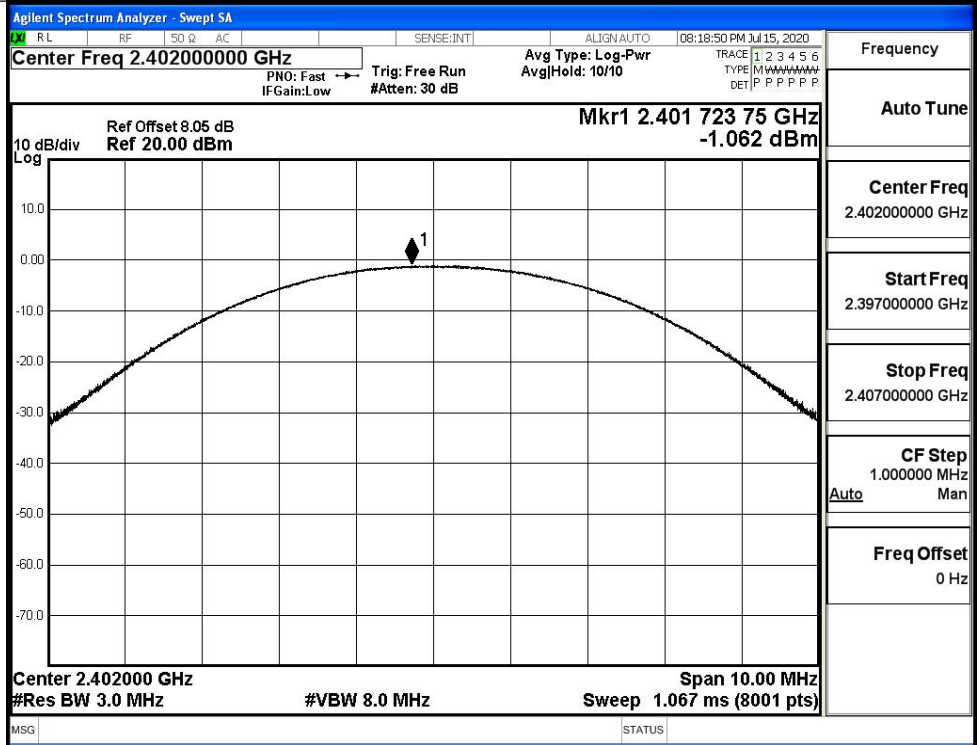
GFSK/MCH



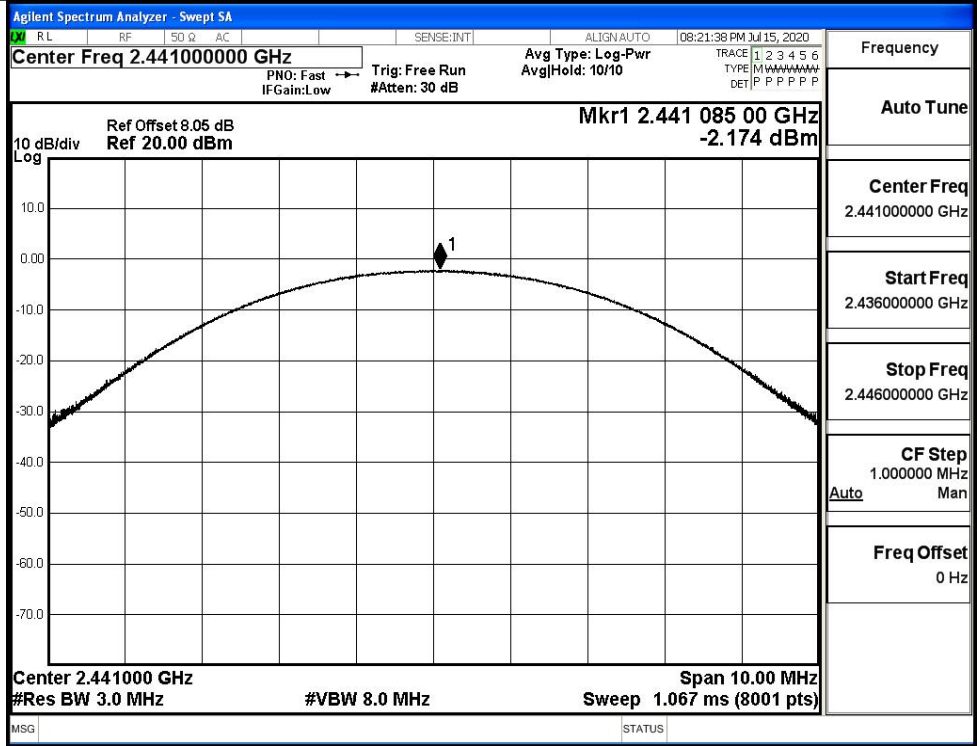
GFSK/HCH



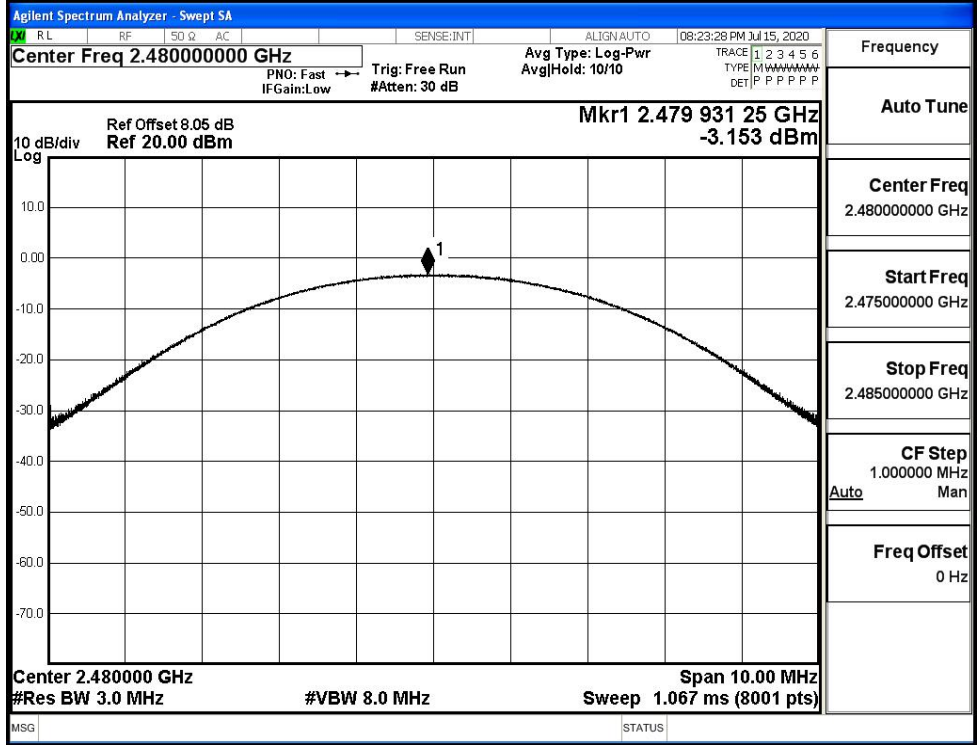
π /4DQPSK/LCH



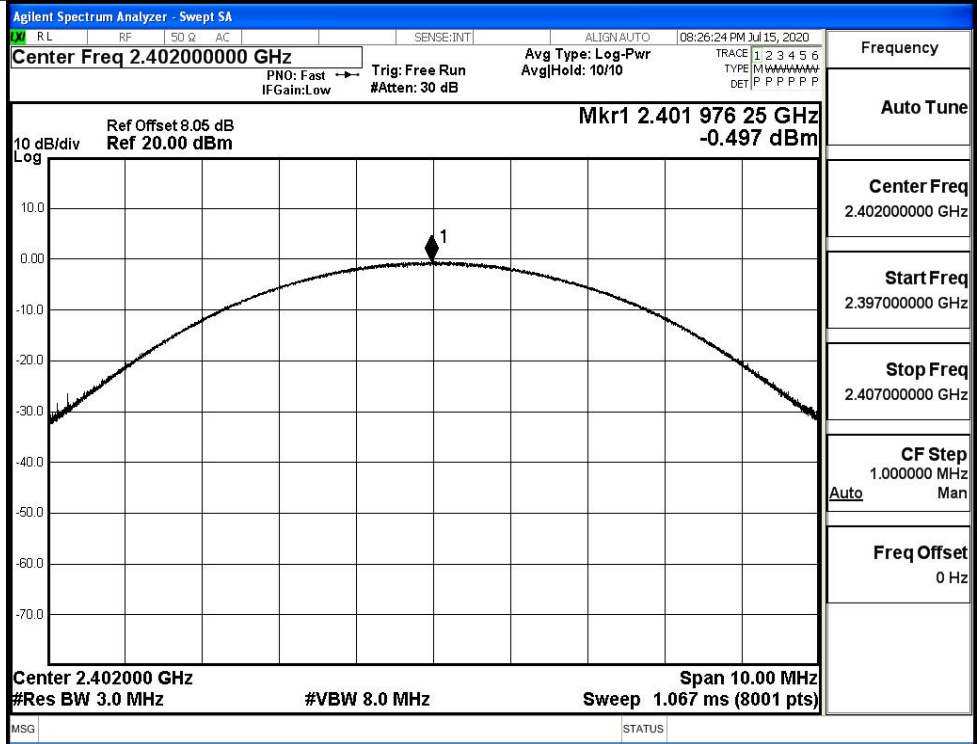
π /4DQPSK/MCH



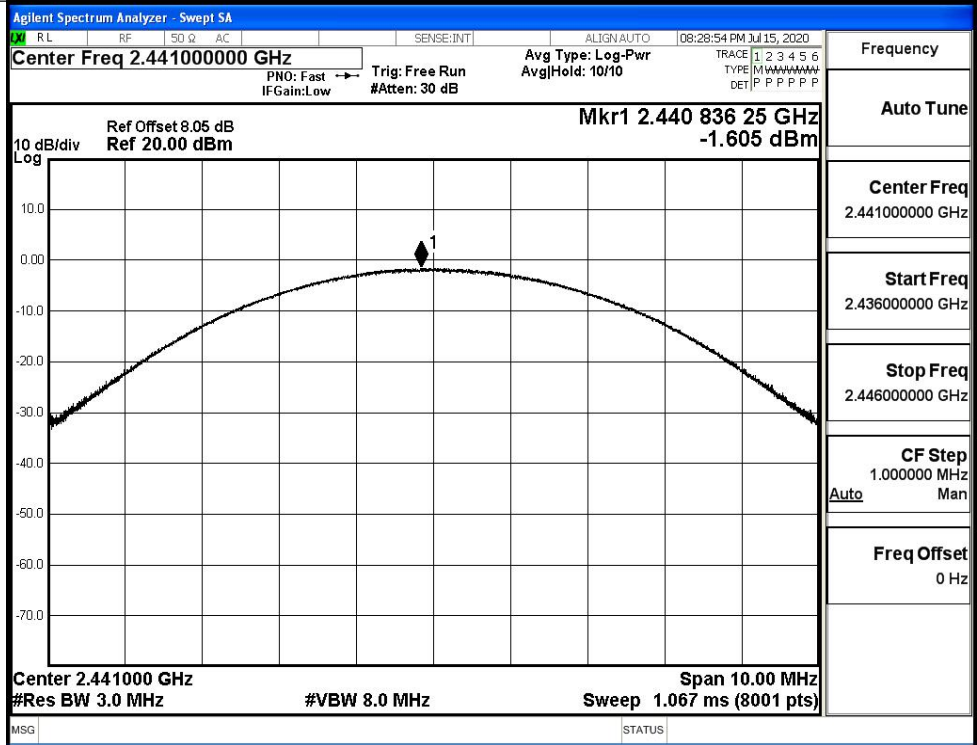
π /4DQPSK/HCH



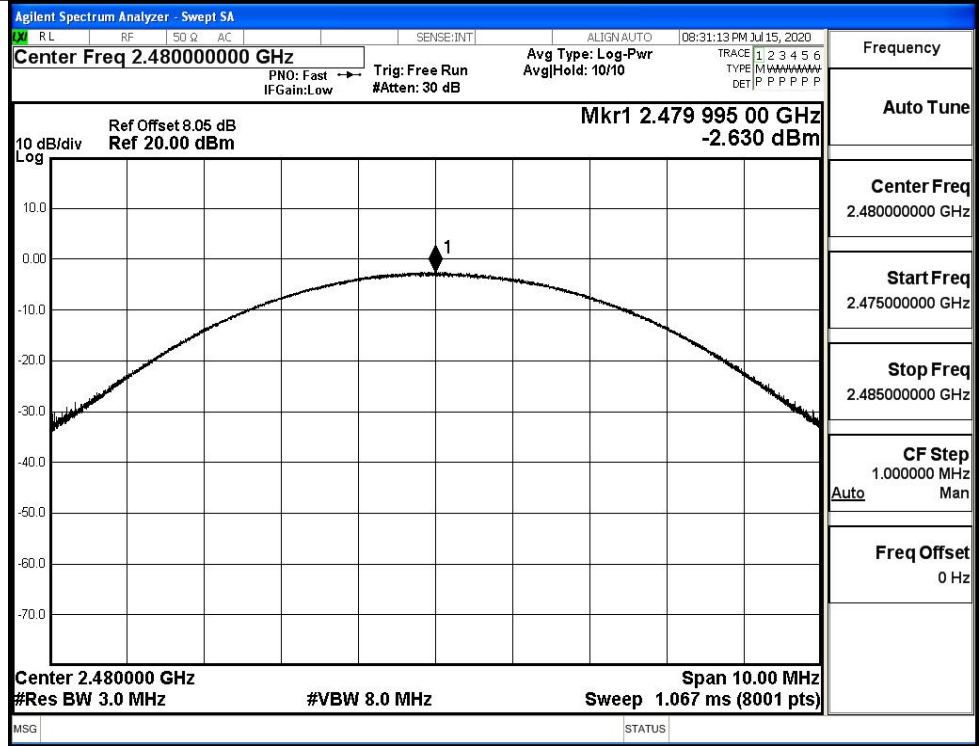
8DPSK/LCH



8DPSK/MCH

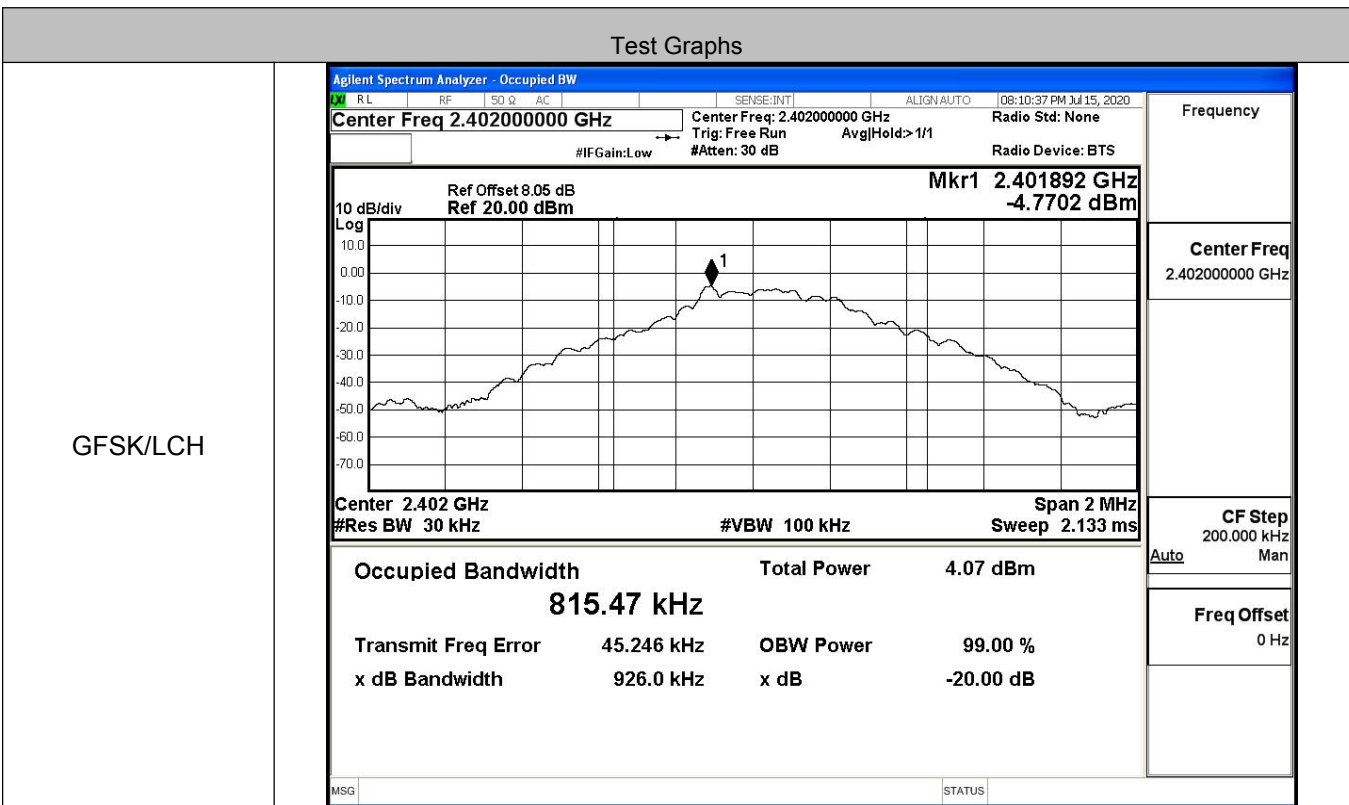


8DPSK/HCH

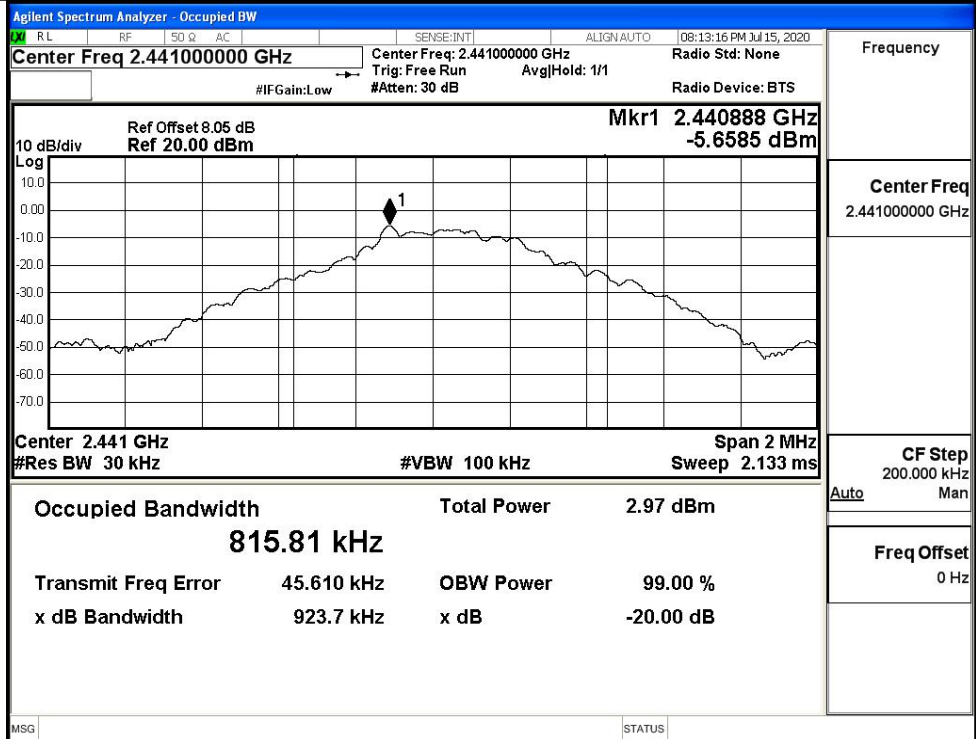


A.2 20dB Bandwidth

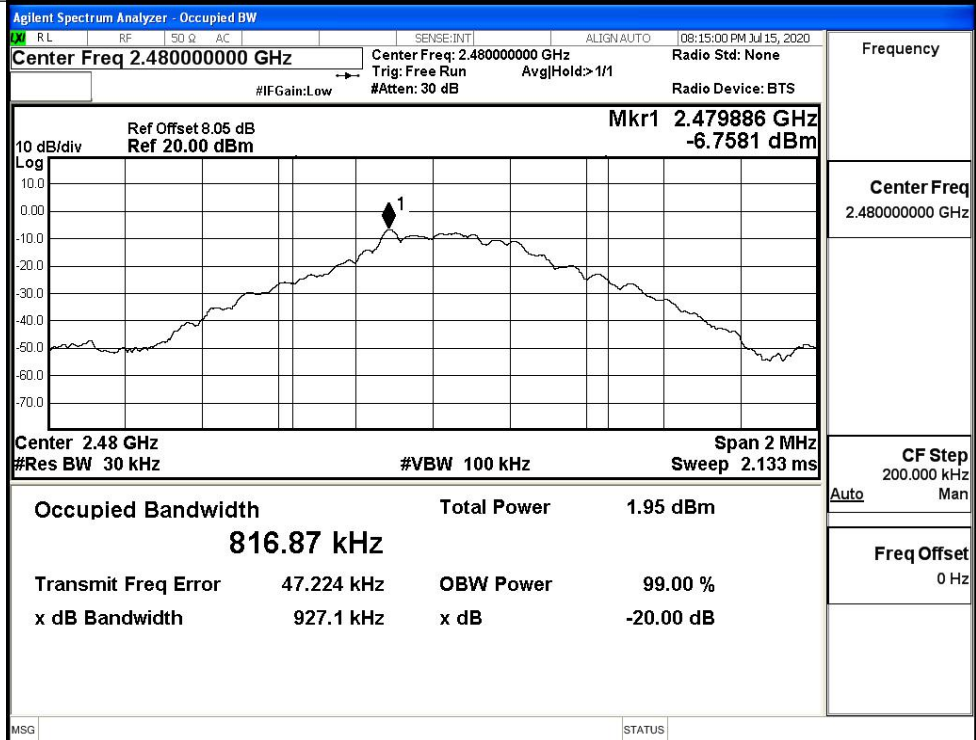
Mode	Channel.	20dB Bandwidth [MHz]	Limit [MHz]	Verdict
GFSK	LCH	0.9260	Not Specified	PASS
	MCH	0.9237	Not Specified	PASS
	HCH	0.9271	Not Specified	PASS
π/4DQPSK	LCH	1.281	Not Specified	PASS
	MCH	1.282	Not Specified	PASS
	HCH	1.282	Not Specified	PASS
8DPSK	LCH	1.287	Not Specified	PASS
	MCH	1.287	Not Specified	PASS
	HCH	1.289	Not Specified	PASS



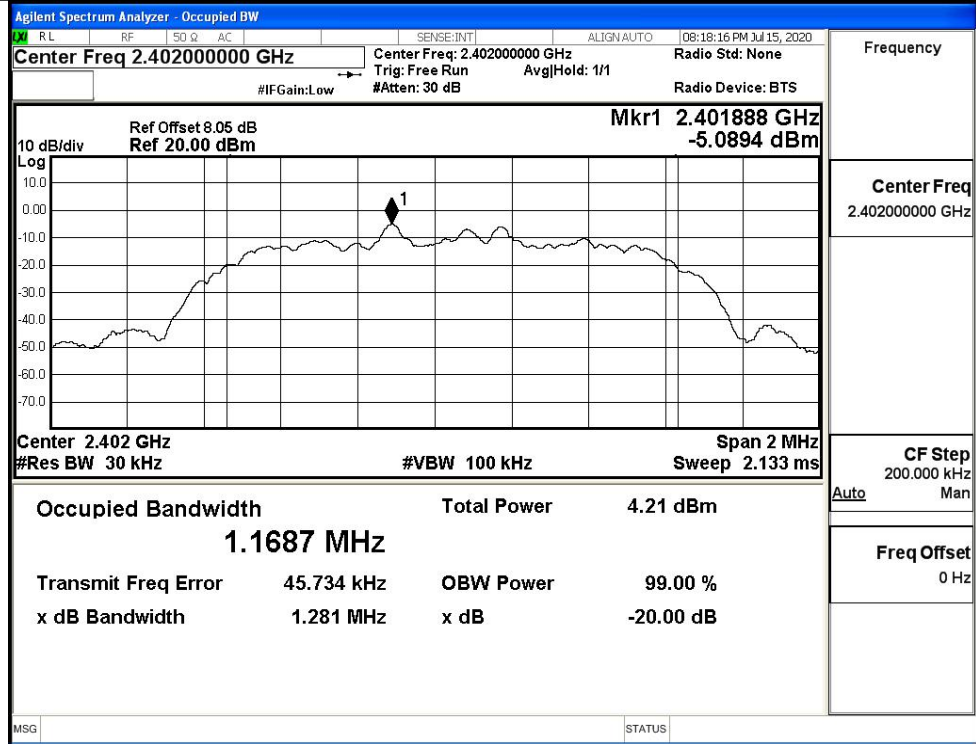
GFSK/MCH



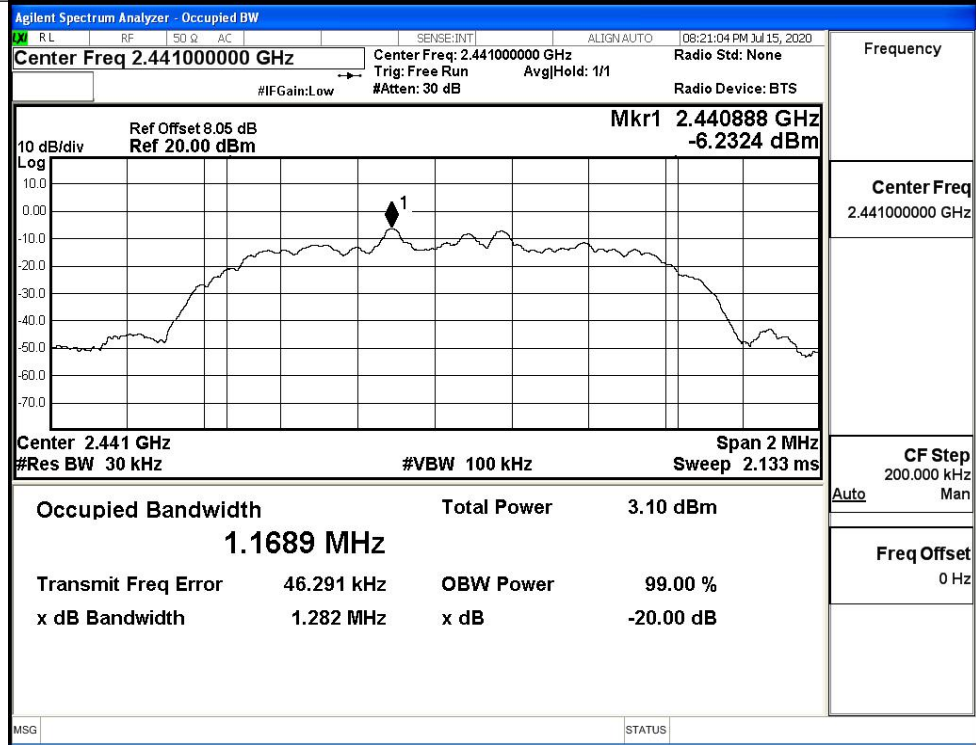
GFSK/HCH



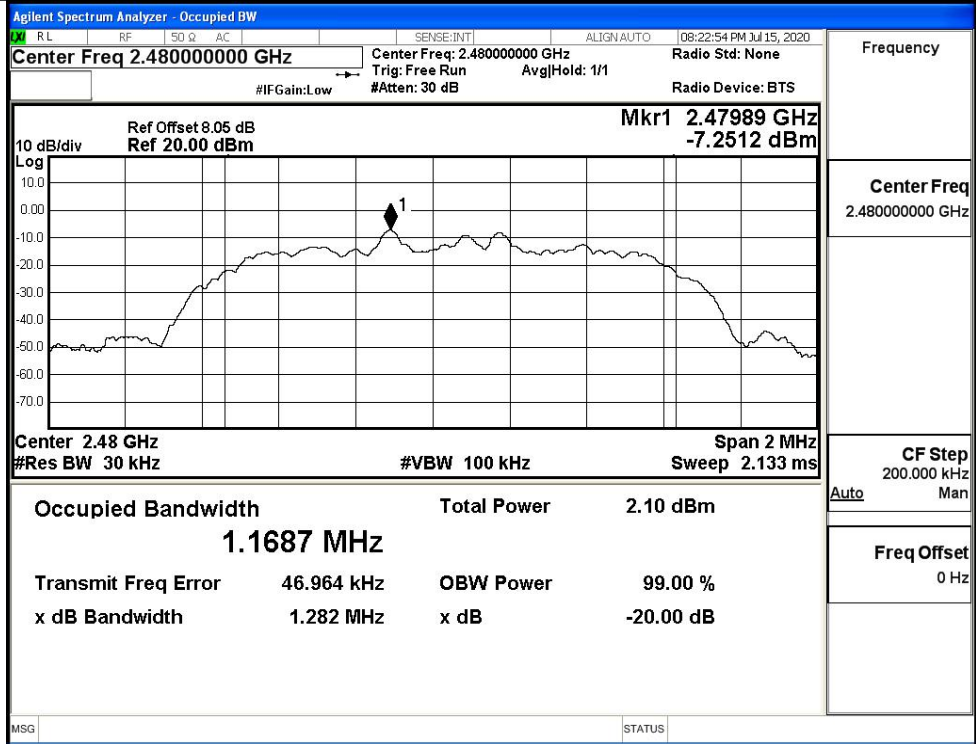
$\pi/4$ DQPSK/LCH



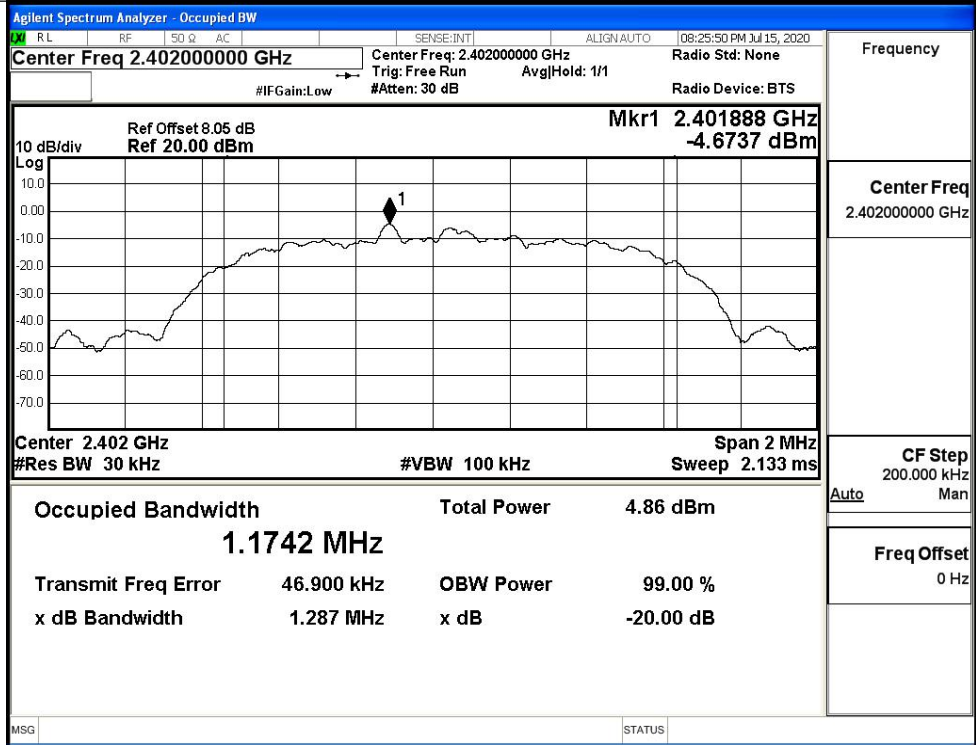
$\pi/4$ DQPSK/MCH



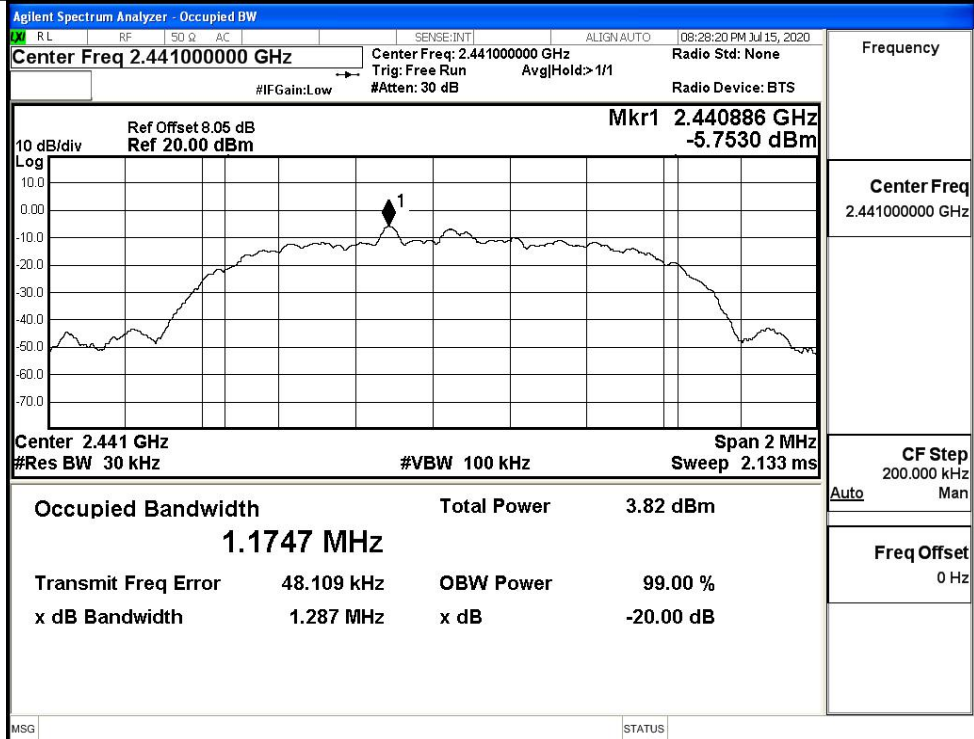
$\pi/4$ DQPSK/HCH



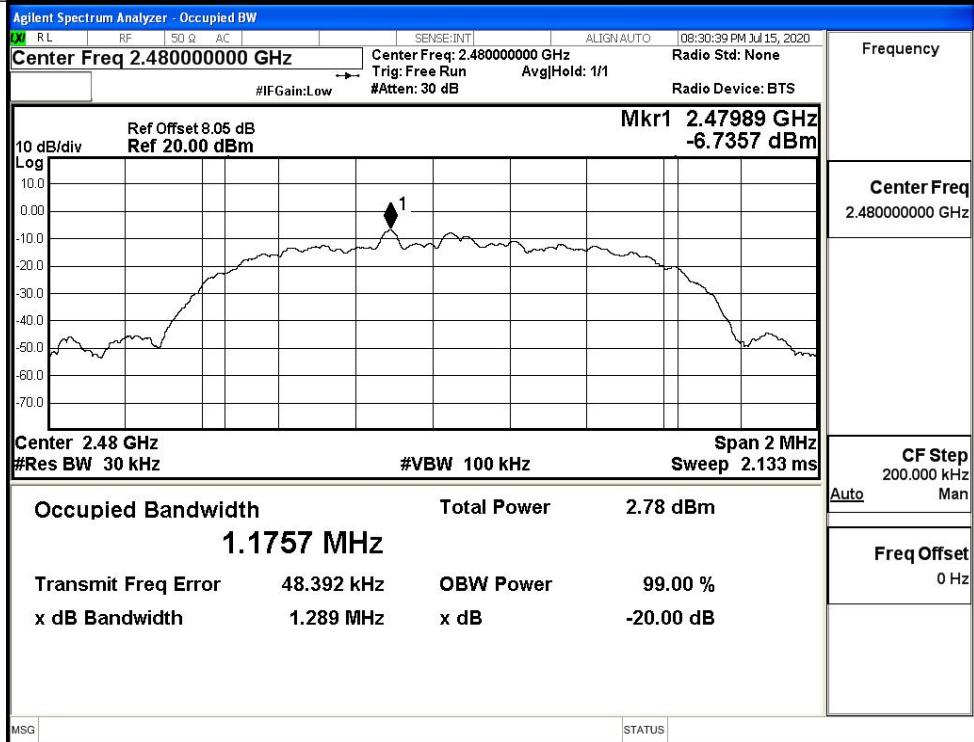
8DPSK/LCH



8DPSK/MCH

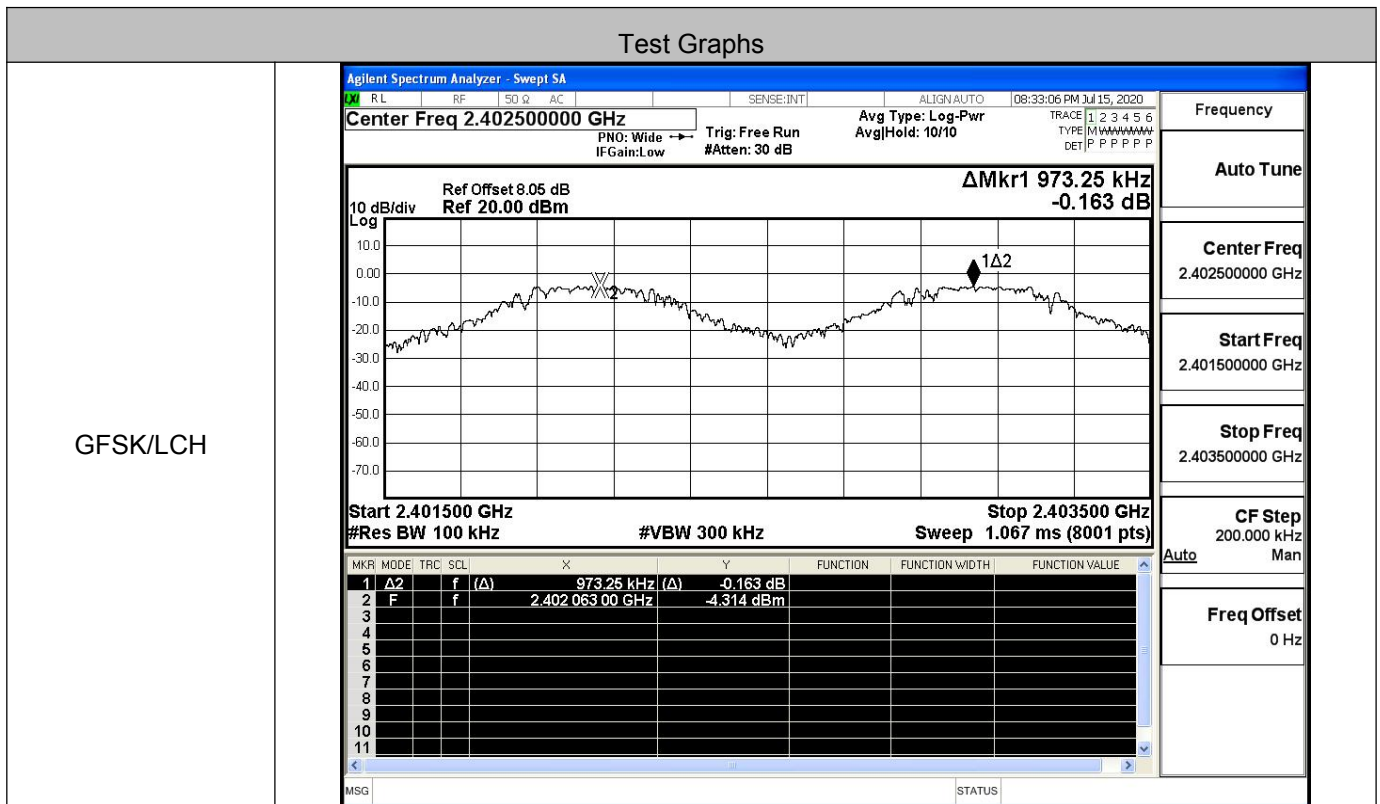


8DPSK/HCH

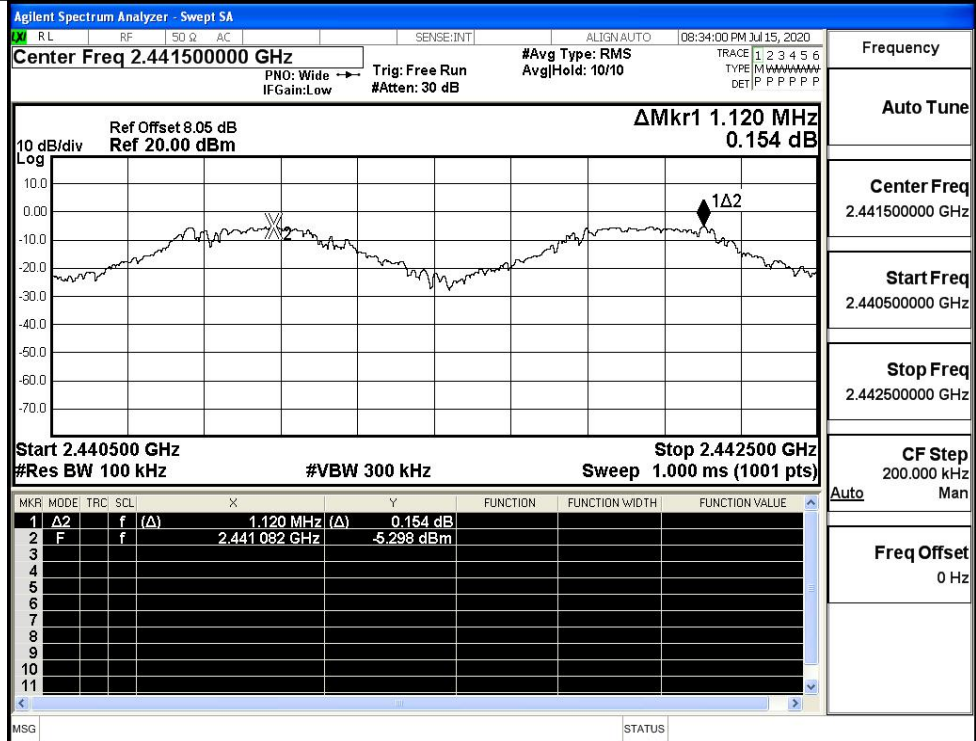


A.3 Carrier Frequency Separation

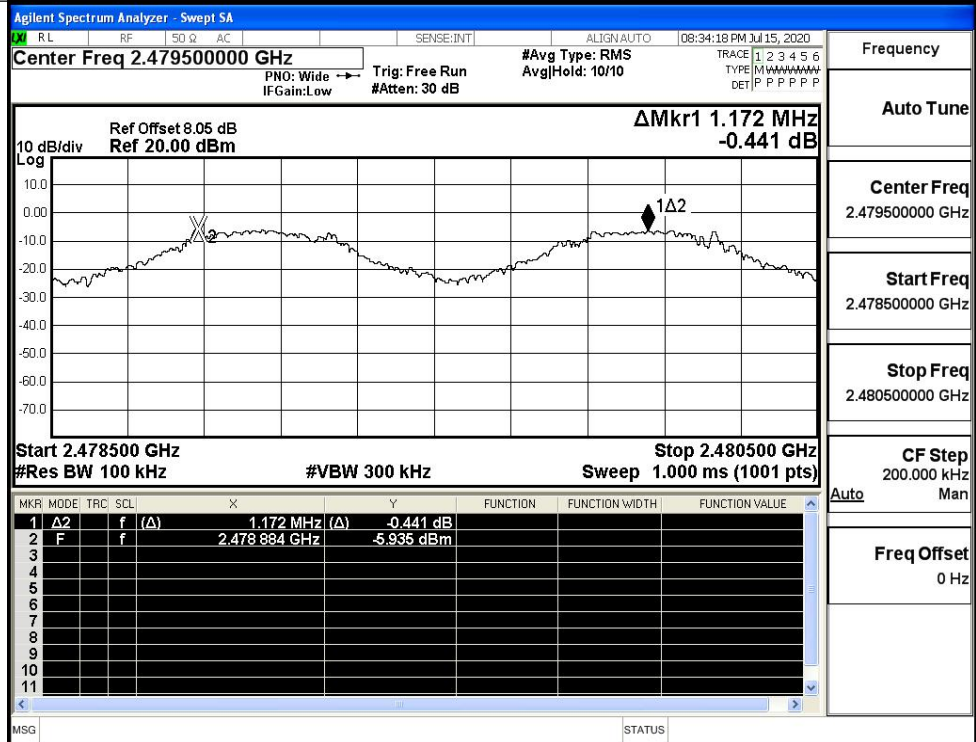
Mode	Channel	Carrier Frequency Separation [MHz]	Limit [MHz]	Verdict
GFSK	LCH	0.973	0.617	PASS
	MCH	1.120	0.616	PASS
	HCH	1.172	0.618	PASS
π/4DQPSK	LCH	1.202	0.854	PASS
	MCH	1.196	0.855	PASS
	HCH	1.068	0.855	PASS
8DPSK	LCH	0.998	0.858	PASS
	MCH	1.006	0.858	PASS
	HCH	1.132	0.859	PASS



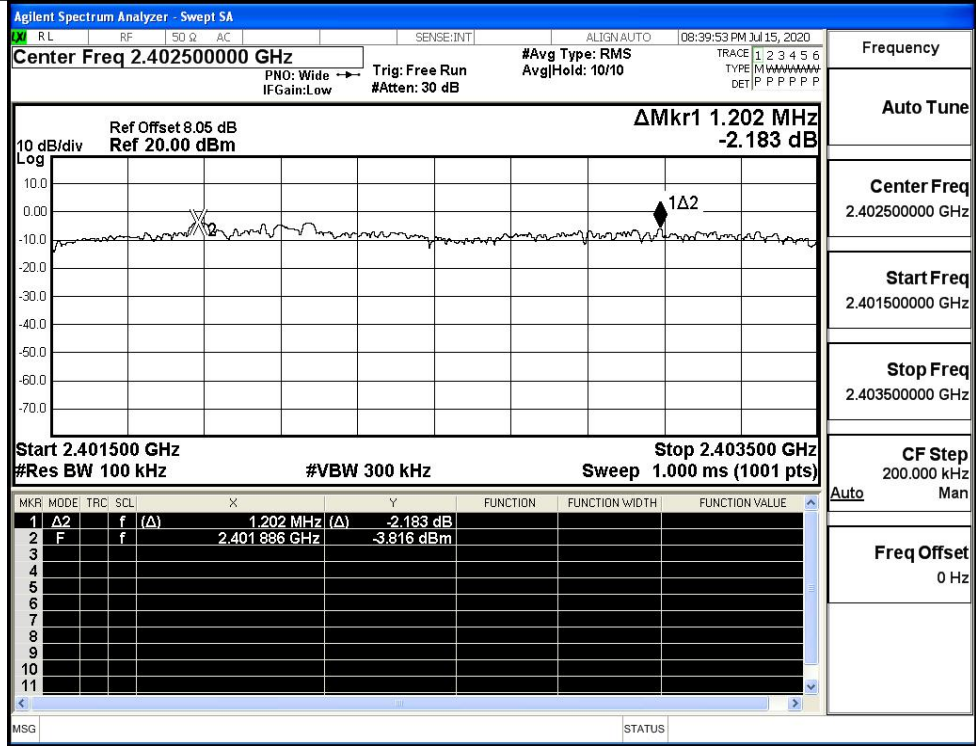
GFSK/MCH



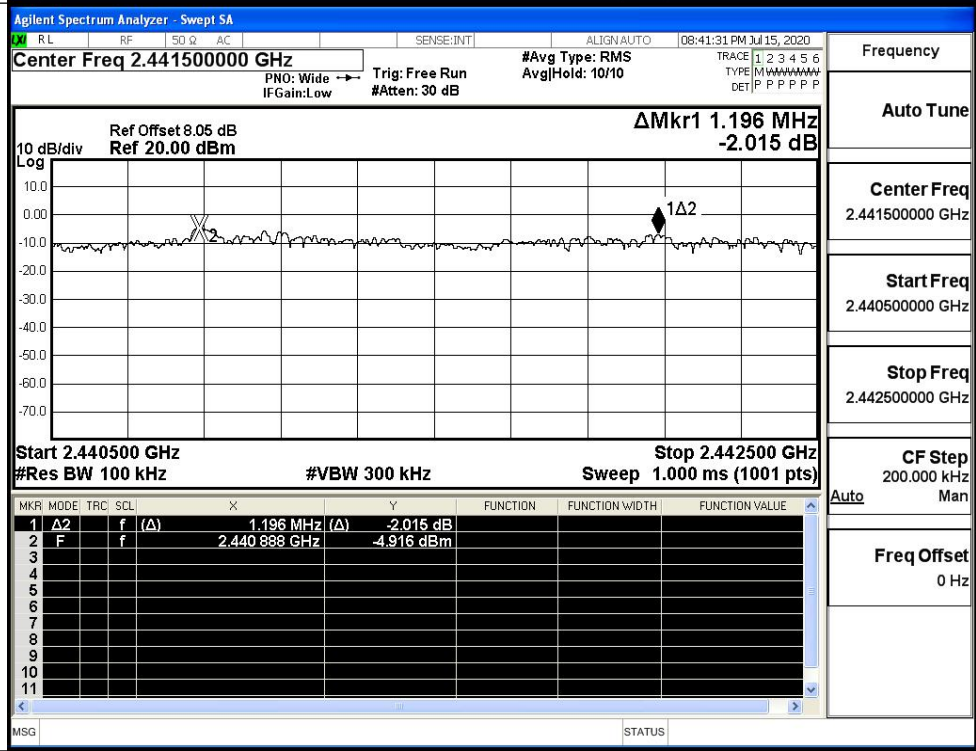
GFSK/HCH



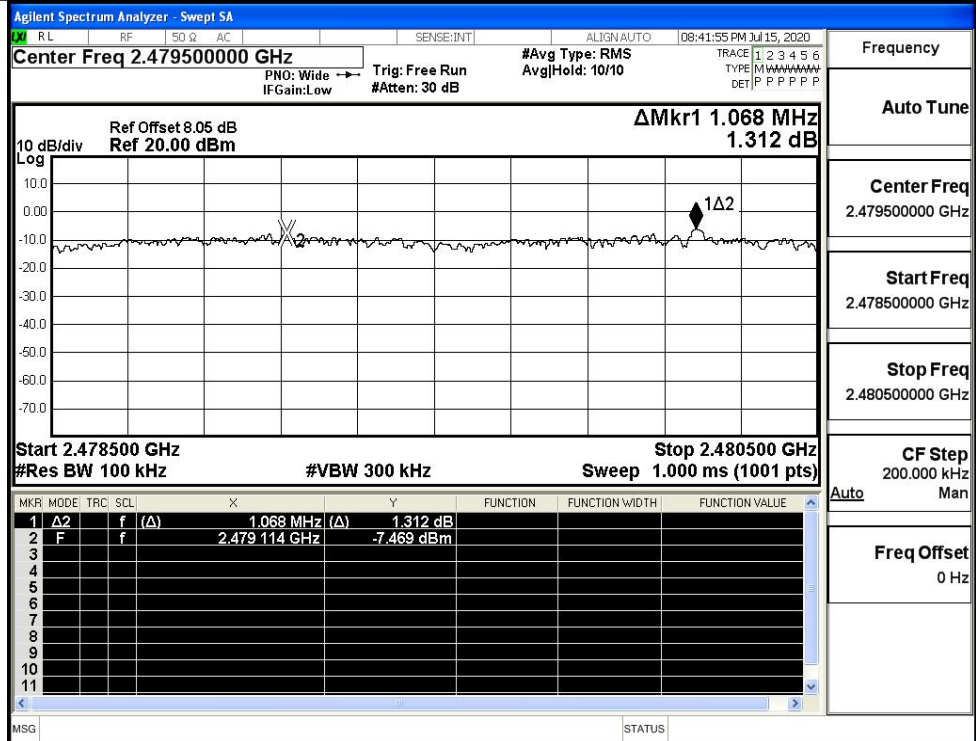
$\pi/4$ DQPSK/LCH



$\pi/4$ DQPSK/MCH

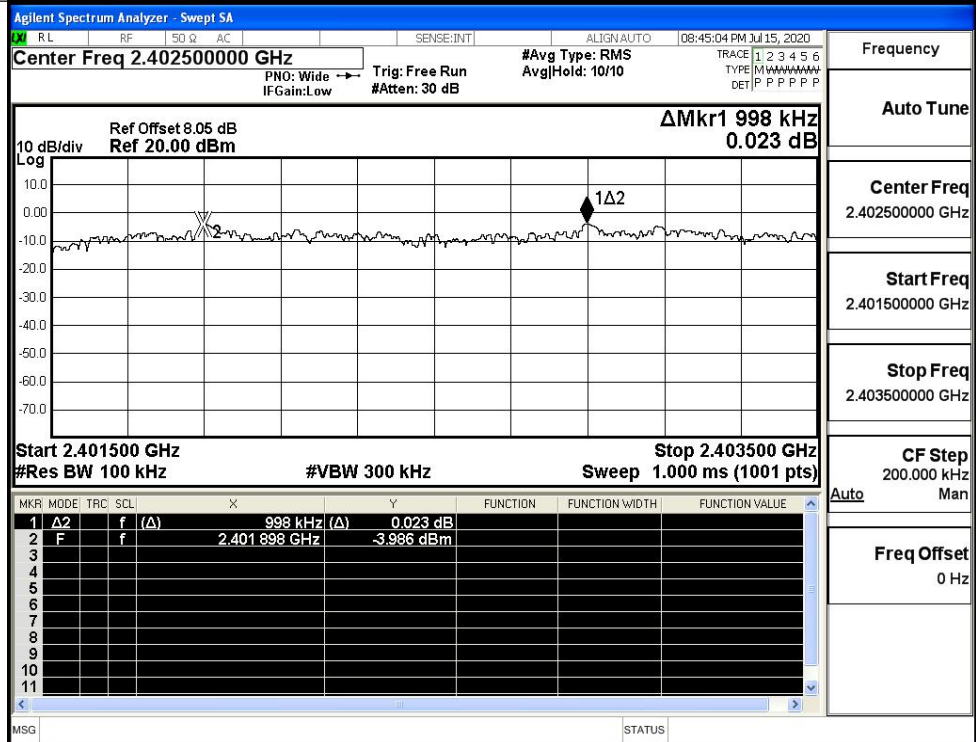


π/4DQPSK/HCH



Frequency	2.479500000 GHz
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	2.402500000 GHz
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