

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

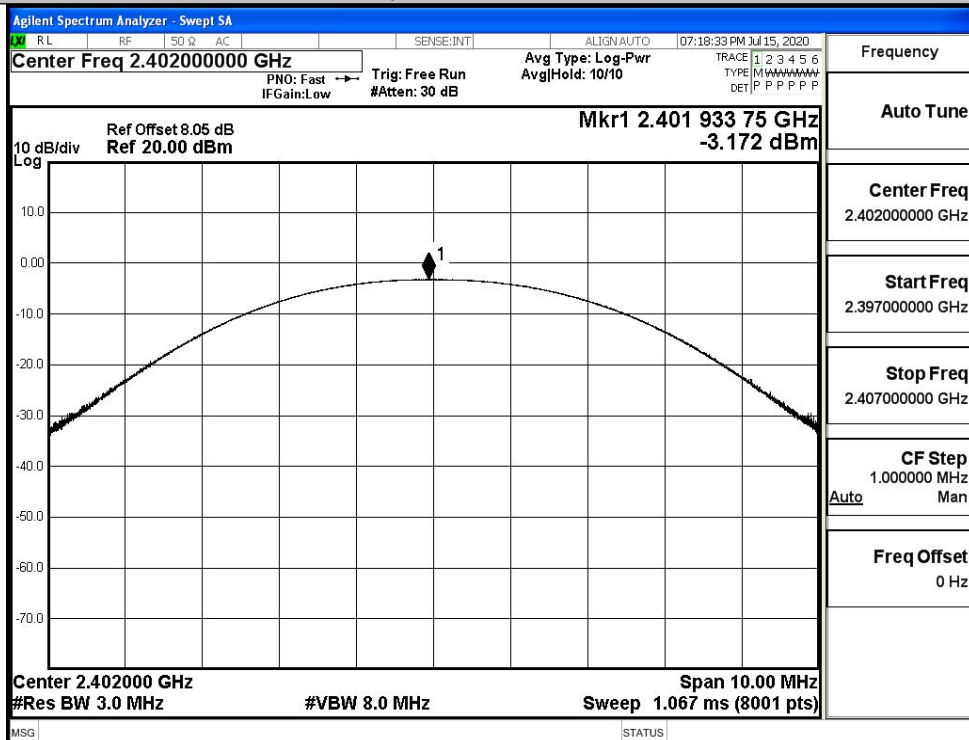
Temperature:	23.4 ° C
Relative Humidity:	53.5%
ATM Pressure:	100.0 kPa
Test Engineer:	Jay Li
Supervised by:	Li Huan

A.1 Maximum Conducted Peak Output Power

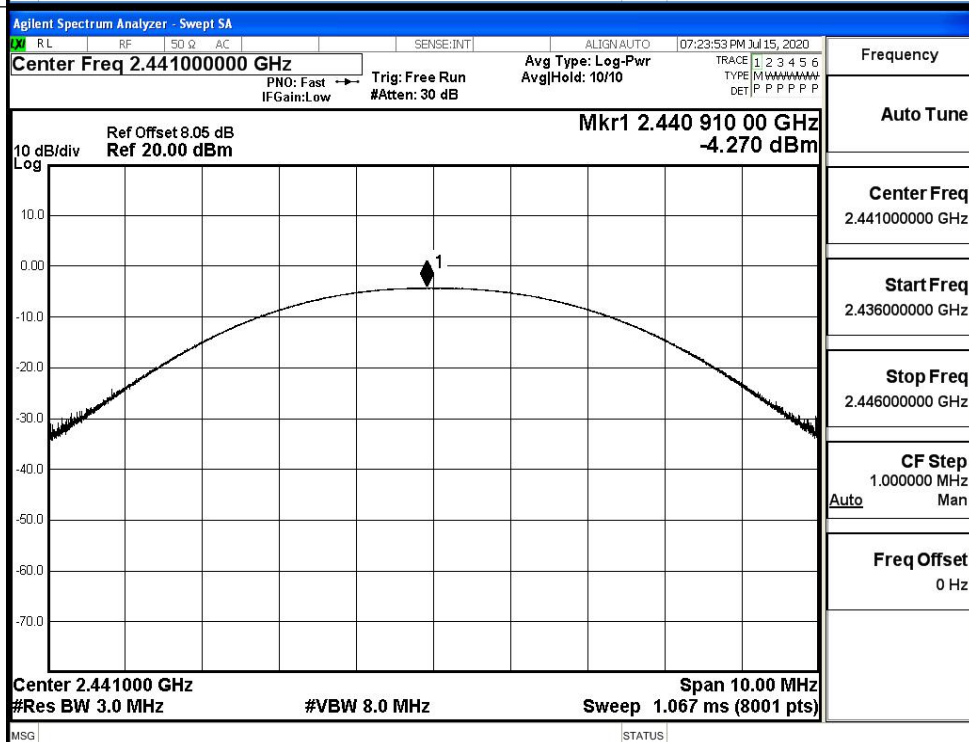
Mode	Channel.	Maximum Peak Output Power [dBm]	Limit [dBm]	Verdict
GFSK	LCH	-3.172	21	PASS
	MCH	-4.270	21	PASS
	HCH	-5.260	21	PASS
$\pi/4$ DQPSK	LCH	-0.903	21	PASS
	MCH	-2.079	21	PASS
	HCH	-3.055	21	PASS
8DPSK	LCH	-0.353	21	PASS
	MCH	-1.497	21	PASS
	HCH	-2.512	21	PASS

Test Graphs

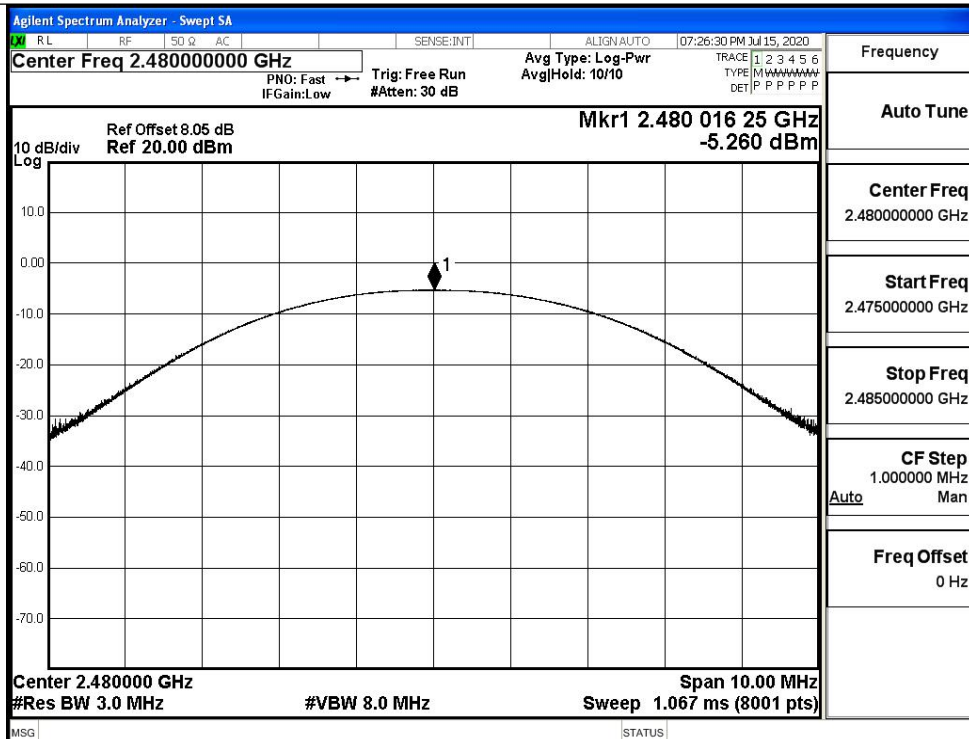
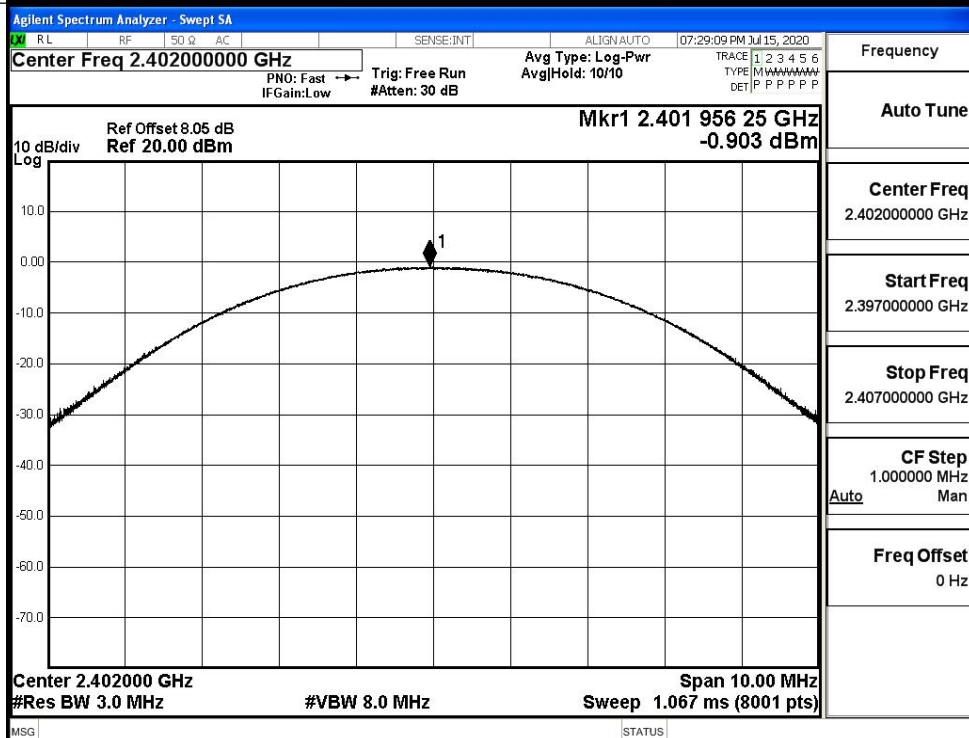
GFSK/LCH

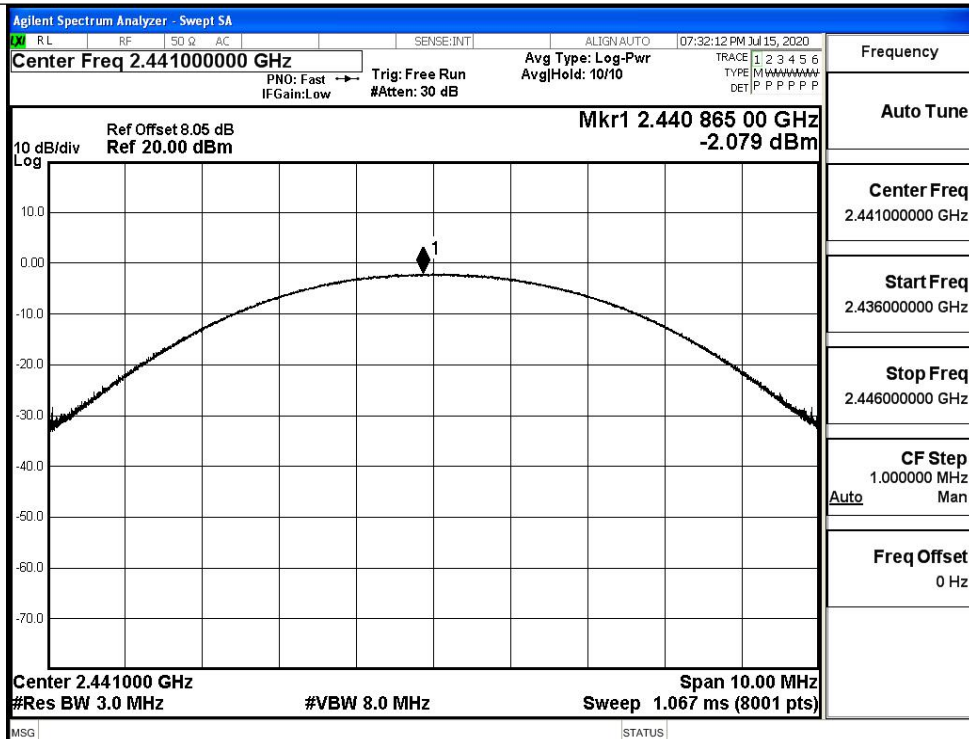
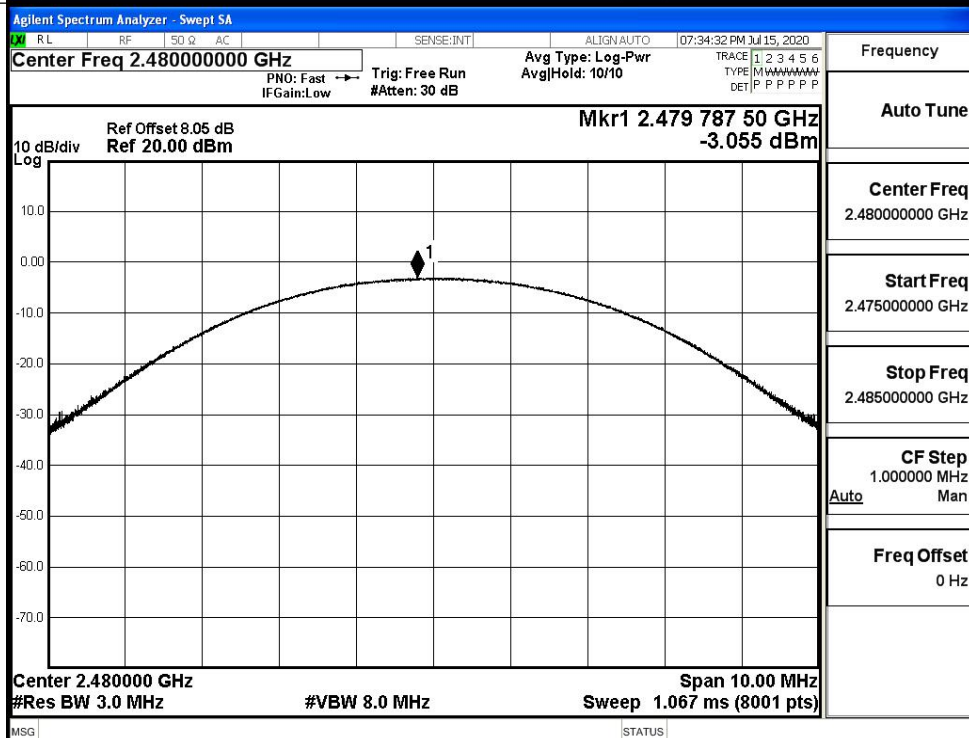


GFSK/MCH

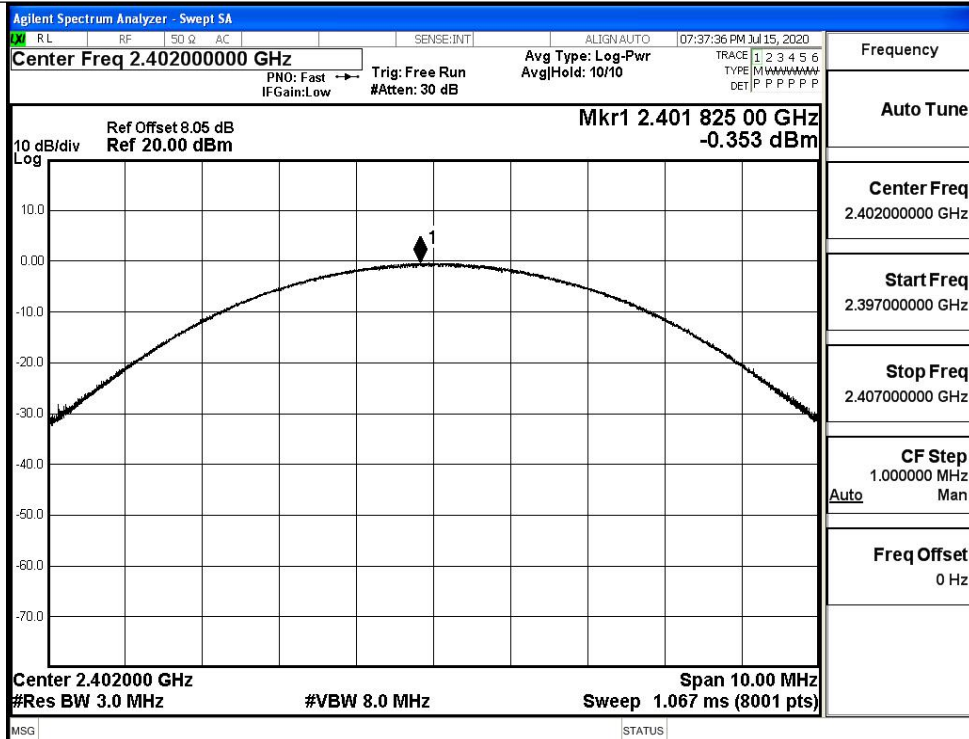


GFSK/HCH

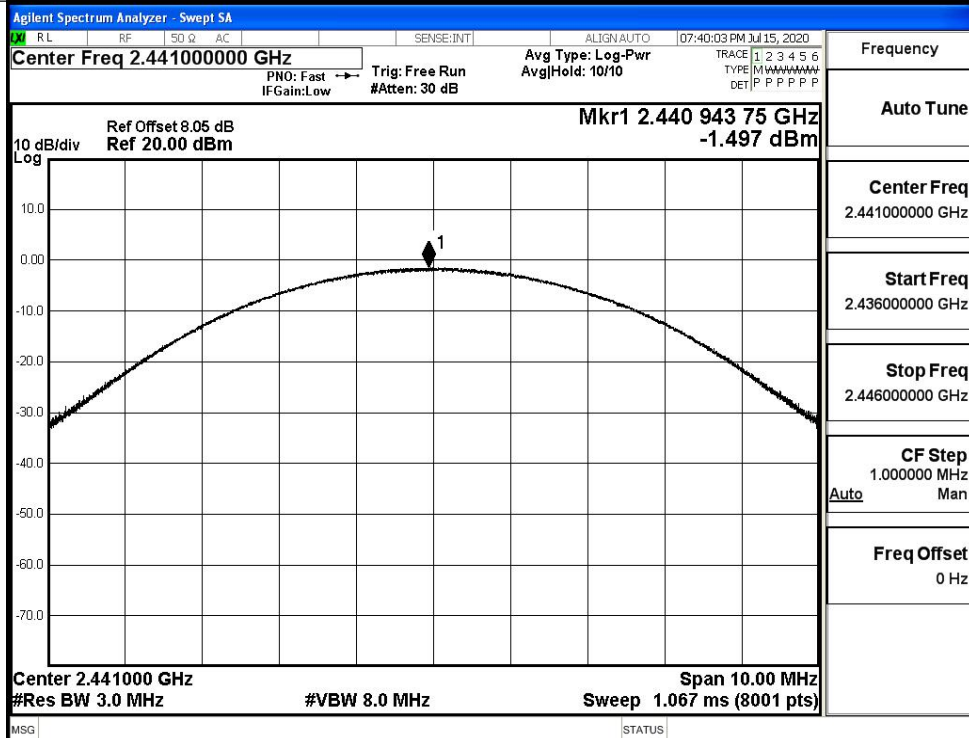
 $\pi/4$ DQPSK/LCH

$\pi/4$ DQPSK/MCH $\pi/4$ DQPSK/HCH

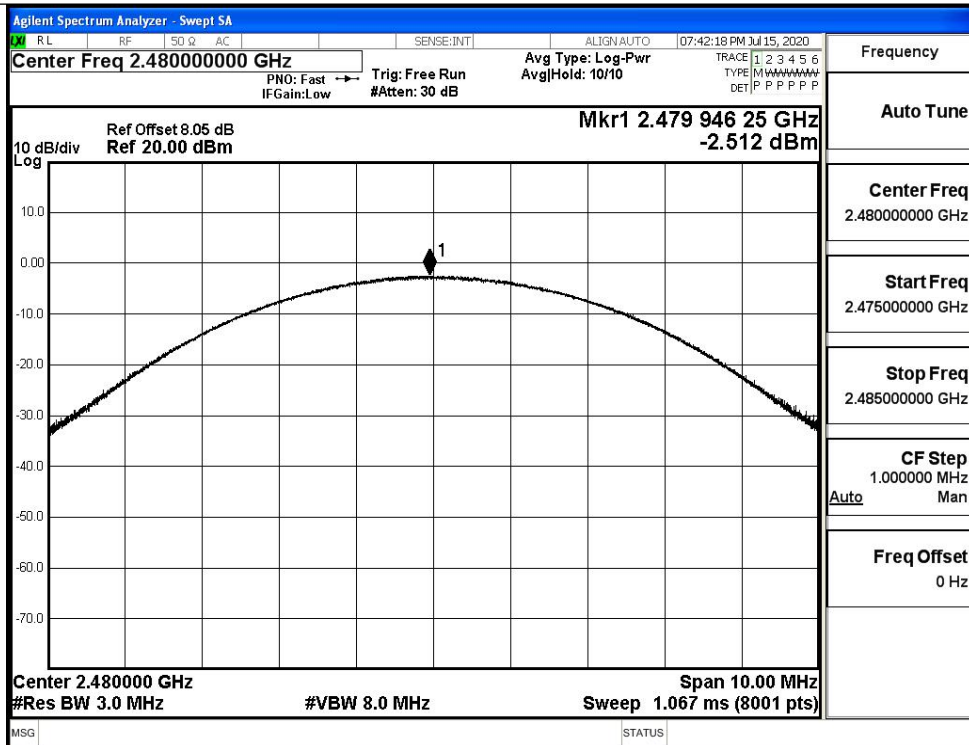
8DPSK/LCH



8DPSK/MCH



8DPSK/HCH

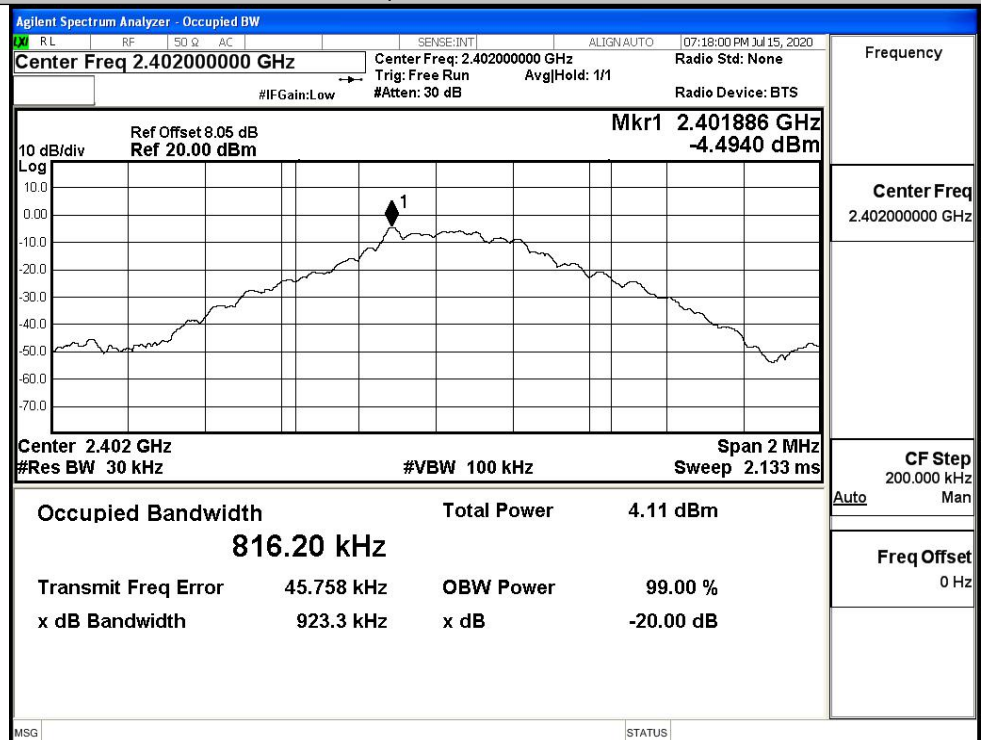


A.2 20dB Bandwidth

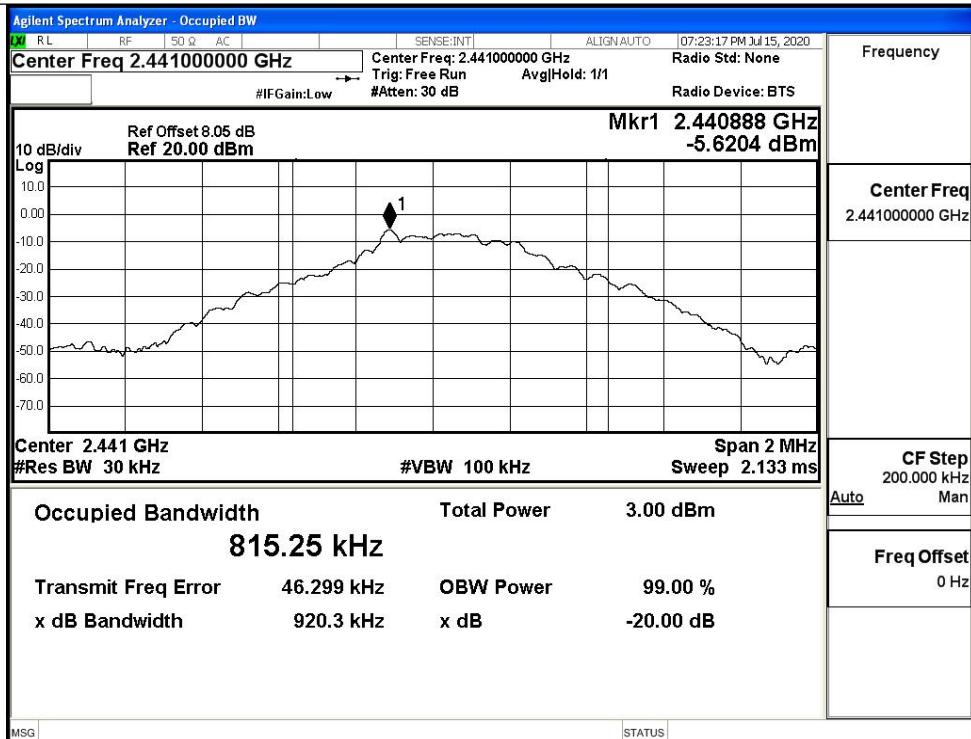
Mode	Channel.	20dB Bandwidth [MHz]	Limit [MHz]	Verdict
GFSK	LCH	0.9233	Not Specified	PASS
	MCH	0.9203	Not Specified	PASS
	HCH	0.9217	Not Specified	PASS
$\pi/4$ DQPSK	LCH	1.283	Not Specified	PASS
	MCH	1.282	Not Specified	PASS
	HCH	1.281	Not Specified	PASS
8DPSK	LCH	1.288	Not Specified	PASS
	MCH	1.284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

Test Graphs

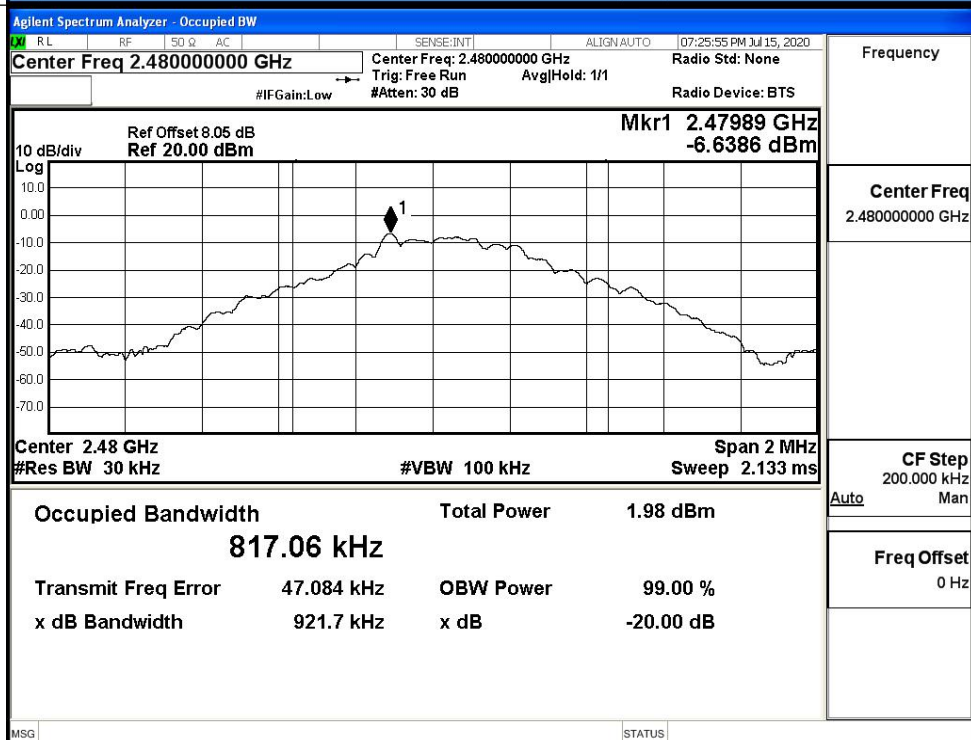
GFSK/LCH

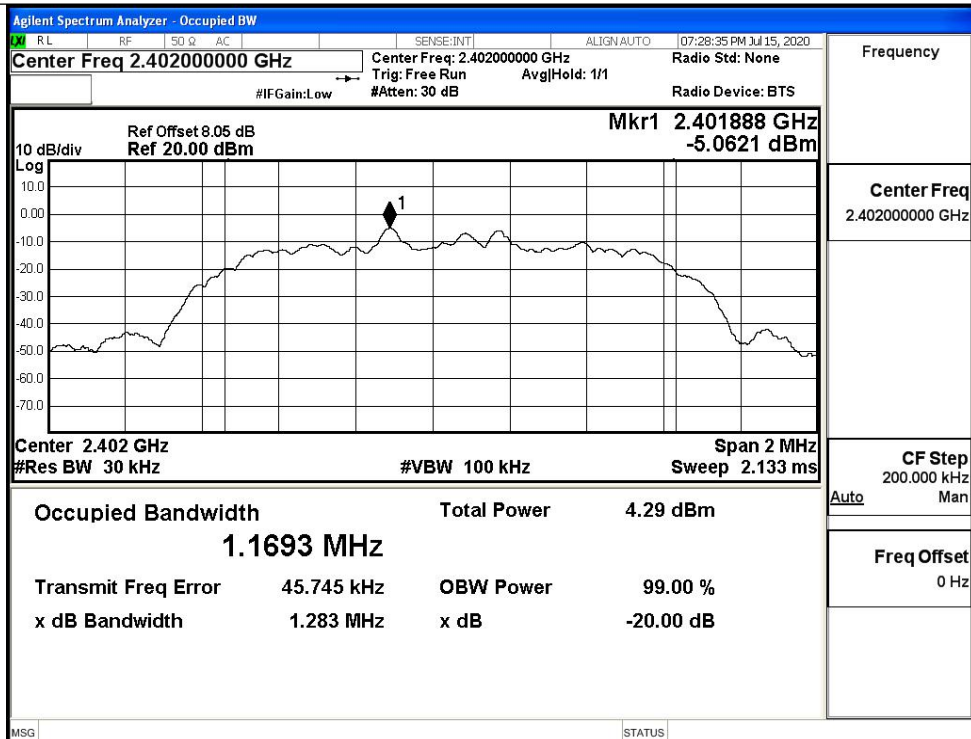
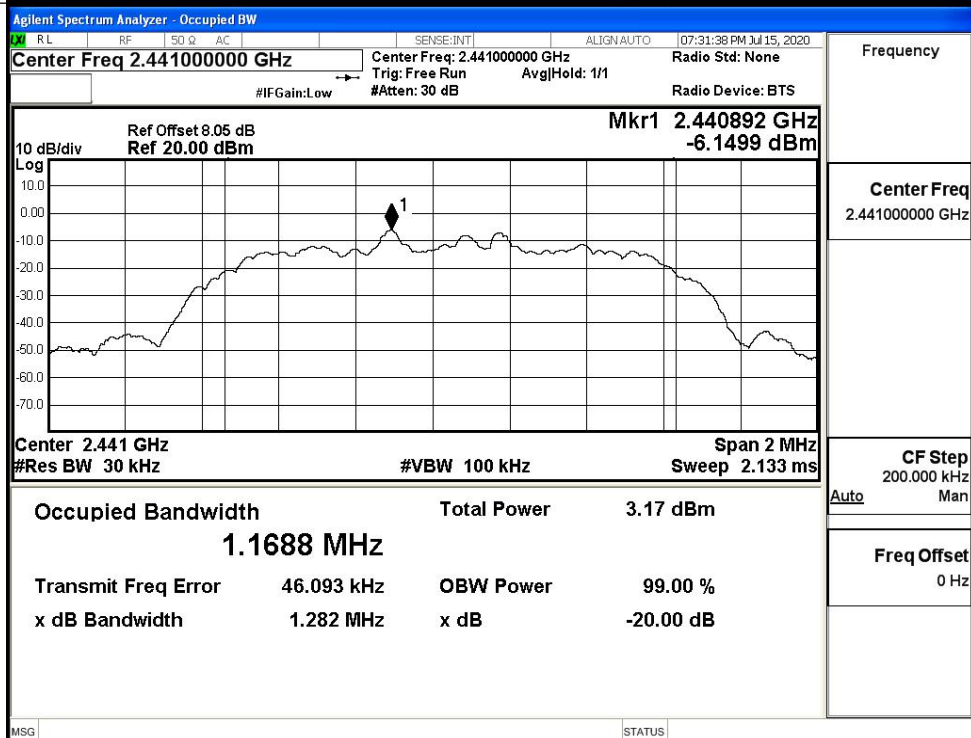


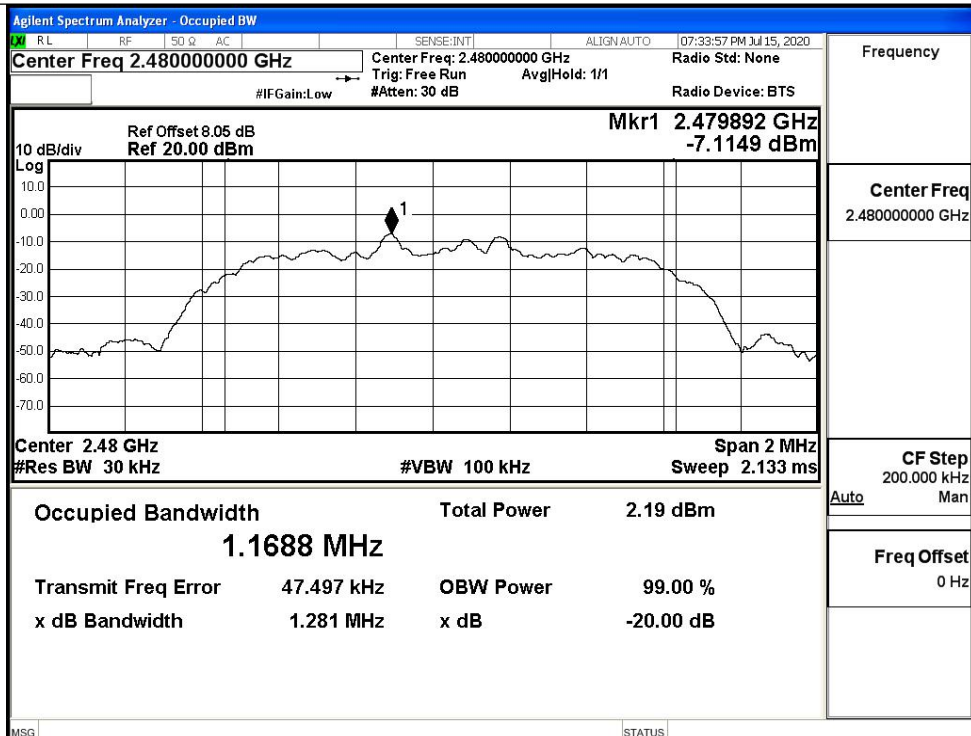
GFSK/MCH



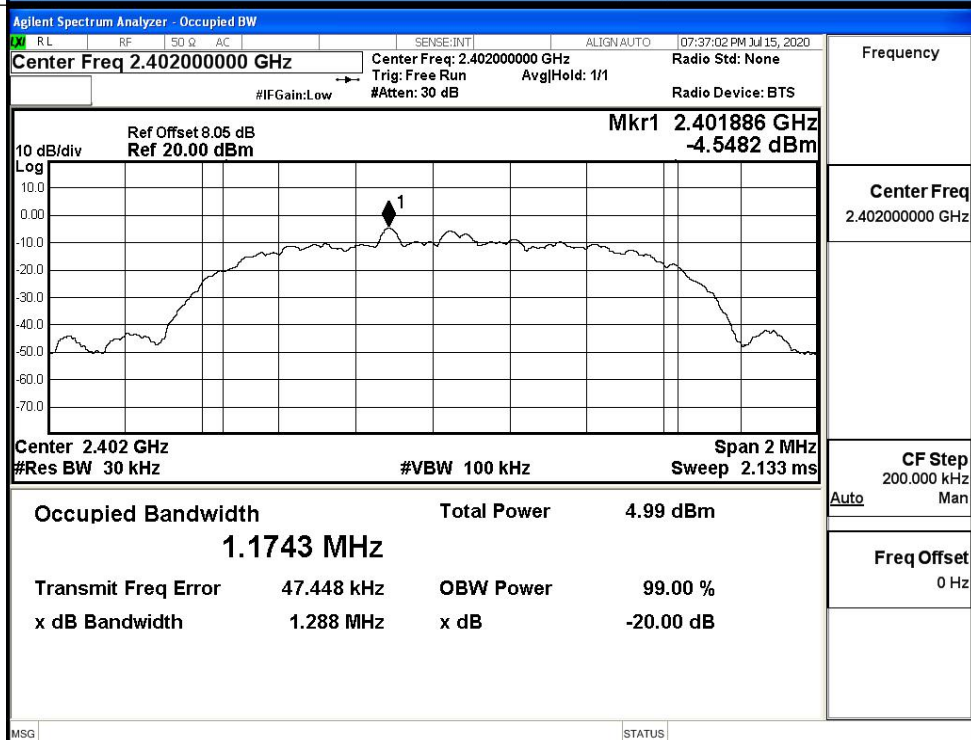
GFSK/HCH



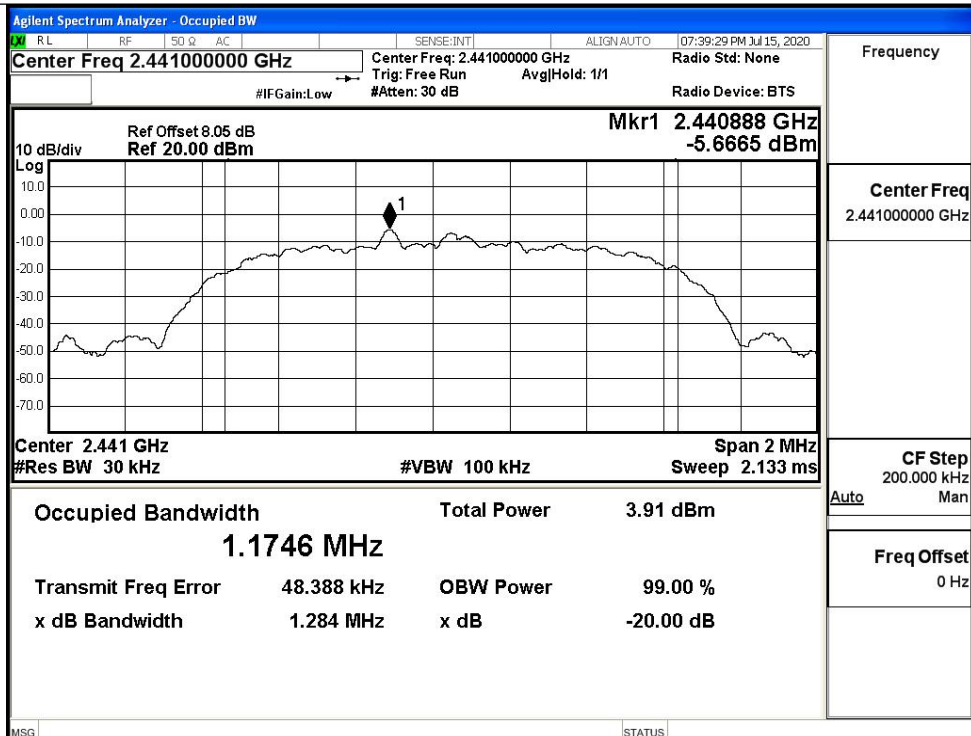
$\pi/4$ DQPSK/LCH $\pi/4$ DQPSK/MCH

$\pi/4$ DQPSK/HCH

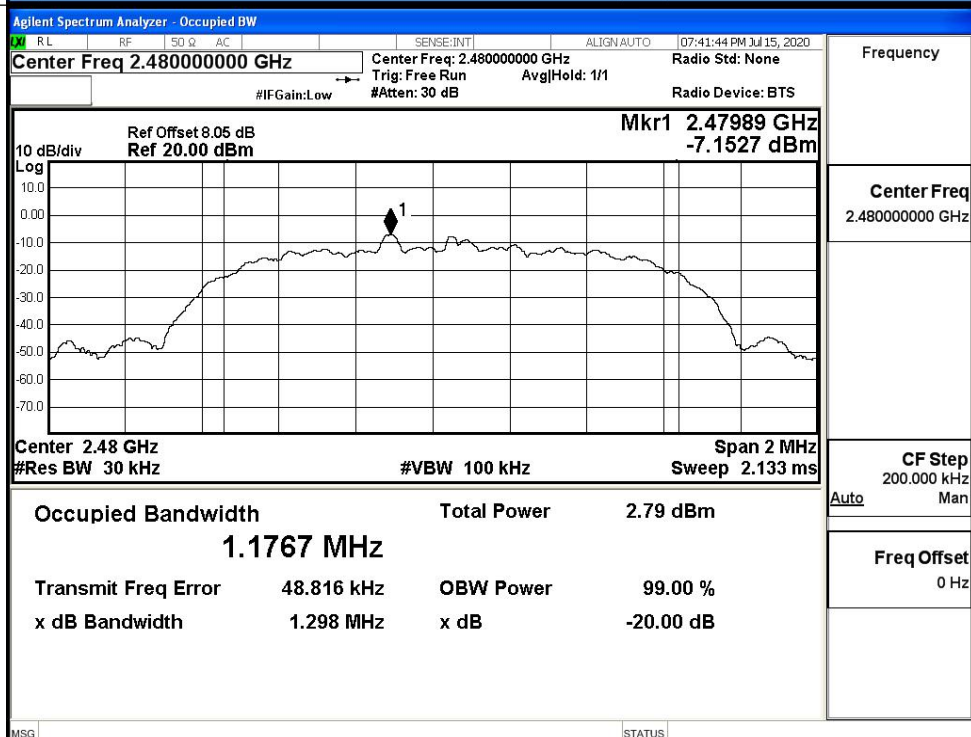
8DPSK/LCH



8DPSK/MCH



8DPSK/HCH

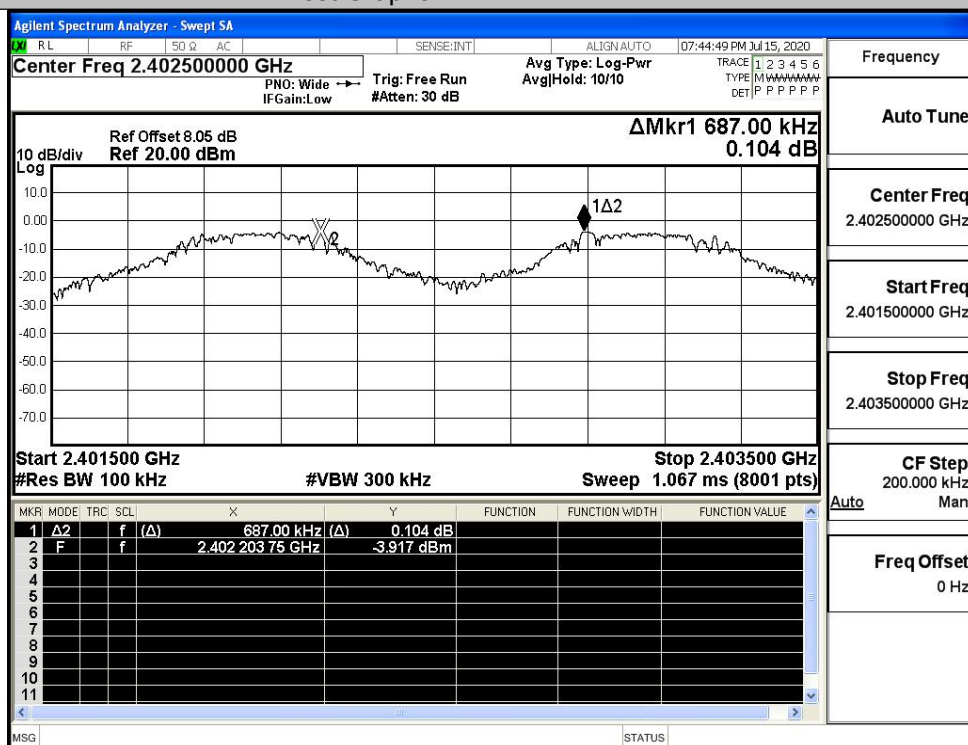


A.3 Carrier Frequency Separation

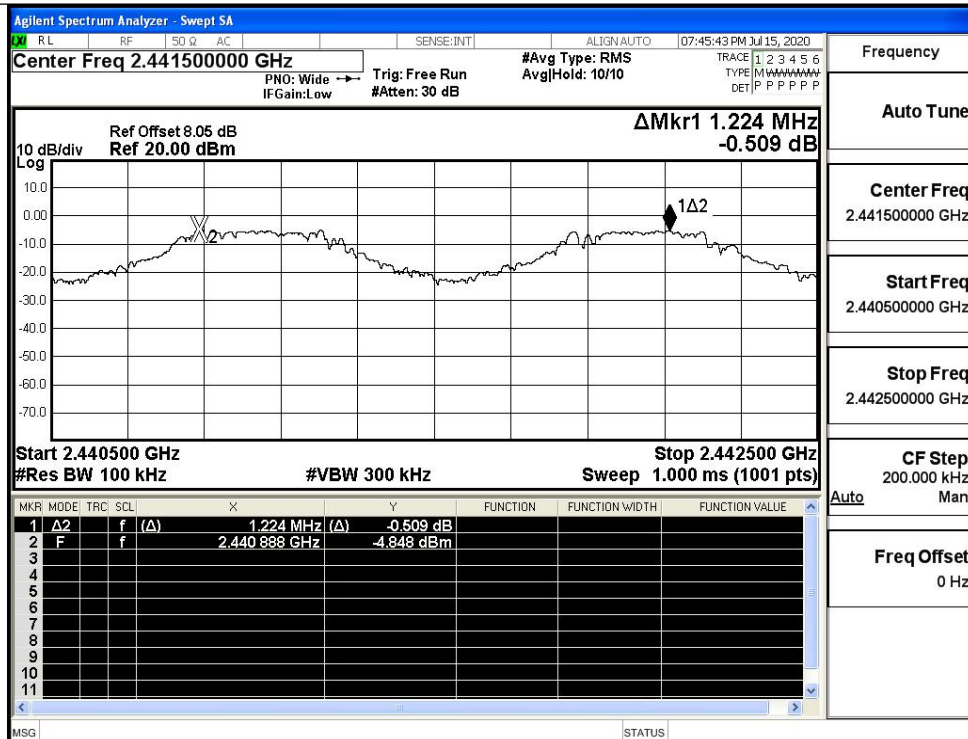
Mode	Channel.	Carrier Frequency Separation [MHz]	Limit [MHz]	Verdict
GFSK	LCH	0.687	0.616	PASS
	MCH	1.224	0.614	PASS
	HCH	0.794	0.614	PASS
$\pi/4$ DQPSK	LCH	0.890	0.855	PASS
	MCH	1.006	0.855	PASS
	HCH	0.992	0.854	PASS
8DPSK	LCH	0.880	0.859	PASS
	MCH	1.158	0.856	PASS
	HCH	1.248	0.865	PASS

Test Graphs

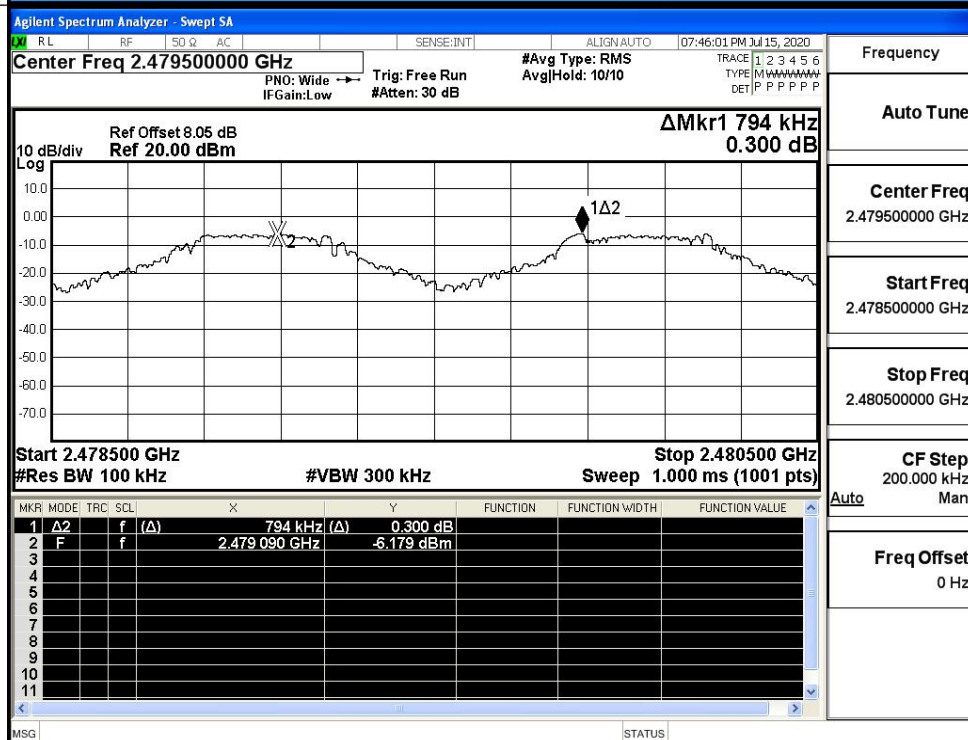
GFSK/LCH

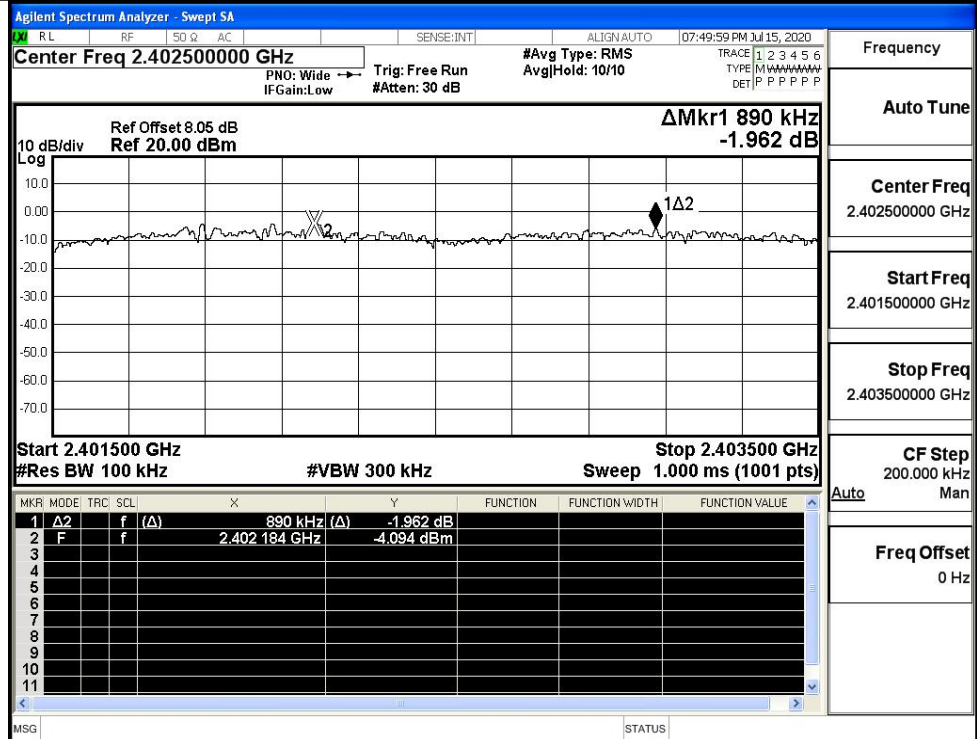
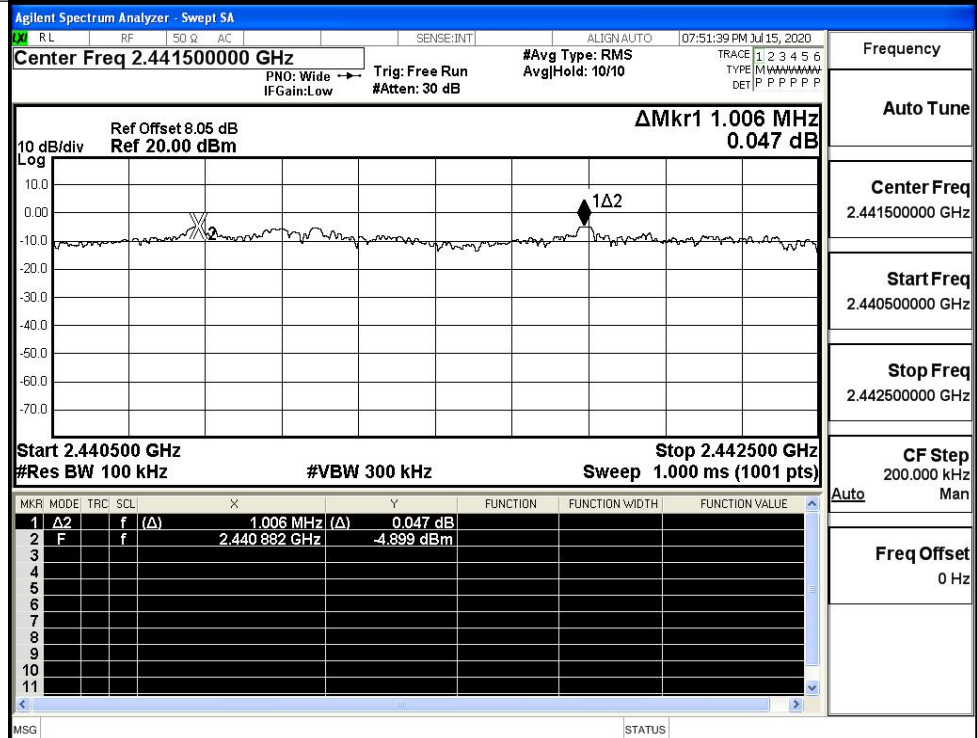


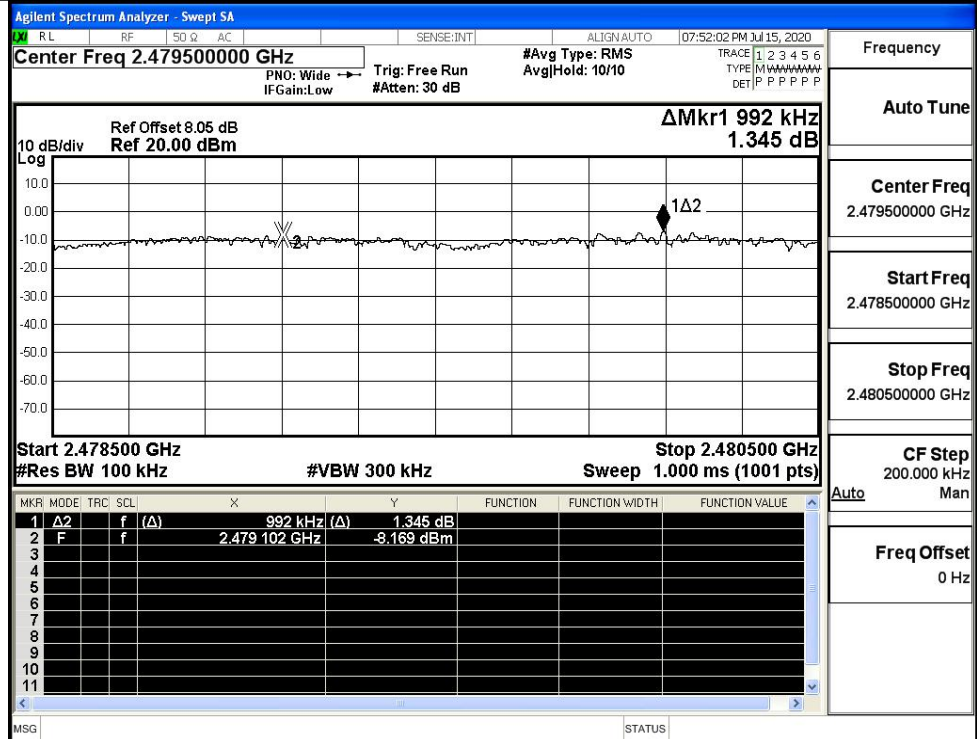
GFSK/MCH



GFSK/HCH



$\pi/4$ DQPSK/LCH $\pi/4$ DQPSK/MCH

$\pi/4$ DQPSK/HCH

8DPSK/LCH

