

Appendix A

RF Test Data for BT V5.0(BDR/EDR) (Conducted Measurement)

Product Name: Facial Recognition Thermal Measurement Terminal

Trade Mark: 智小通

Test Model: FX6

Environmental Conditions

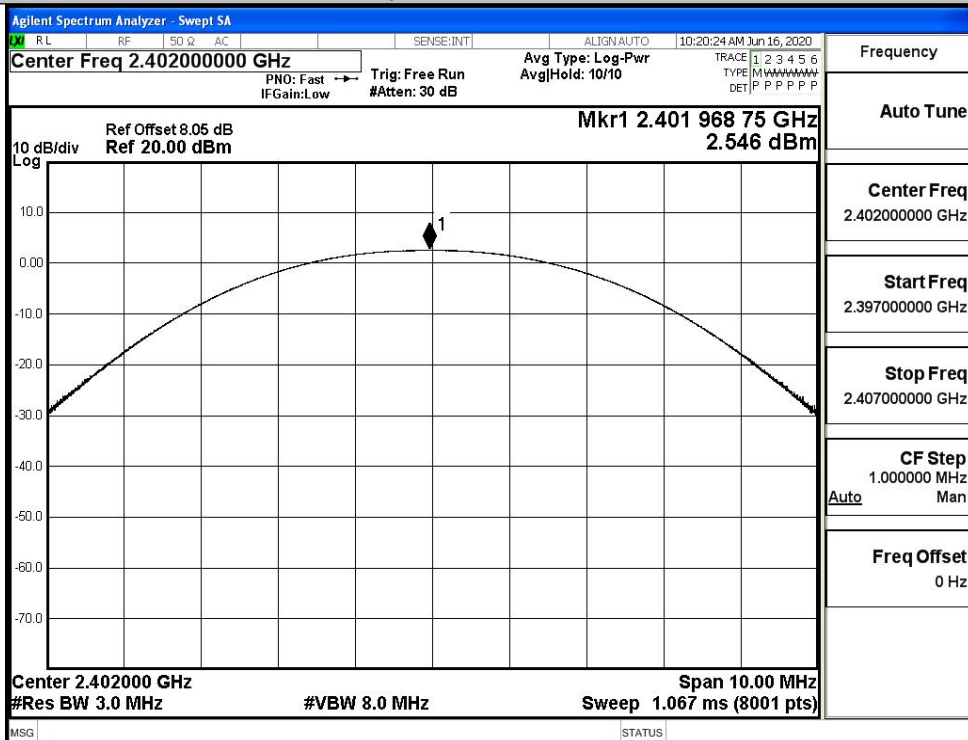
Temperature:	23.1 ° C
Relative Humidity:	54.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Diamond Lu
Supervised by:	Li Huan

A.1 Maximum Conducted Peak Output Power

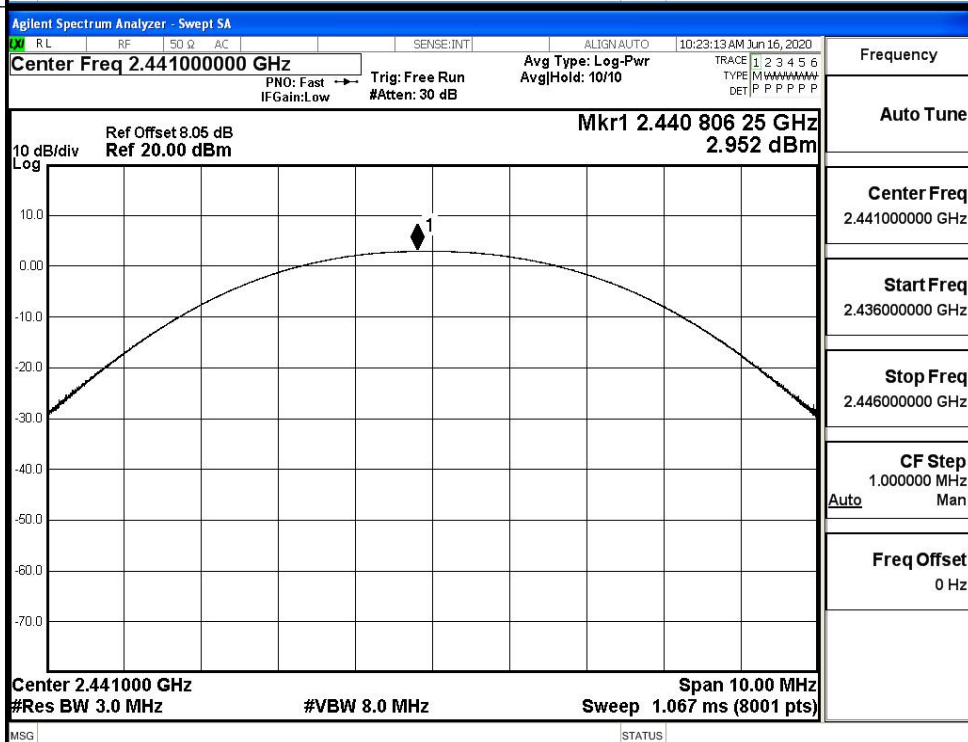
Mode	Channel.	Maximum Peak Output Power [dBm]	Limit [dBm]	Verdict
GFSK	LCH	2.546	21	PASS
	MCH	2.952	21	PASS
	HCH	2.491	21	PASS
$\pi/4$ DQPSK	LCH	2.387	21	PASS
	MCH	2.768	21	PASS
	HCH	2.244	21	PASS
8DPSK	LCH	2.270	21	PASS
	MCH	2.651	21	PASS
	HCH	2.128	21	PASS

Test Graphs

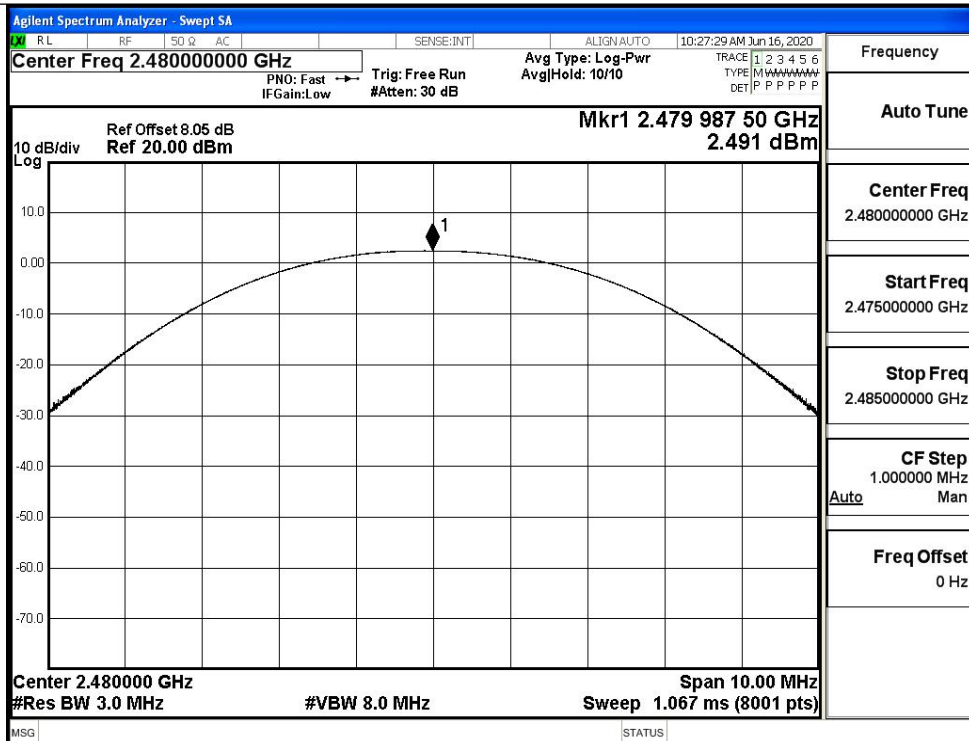
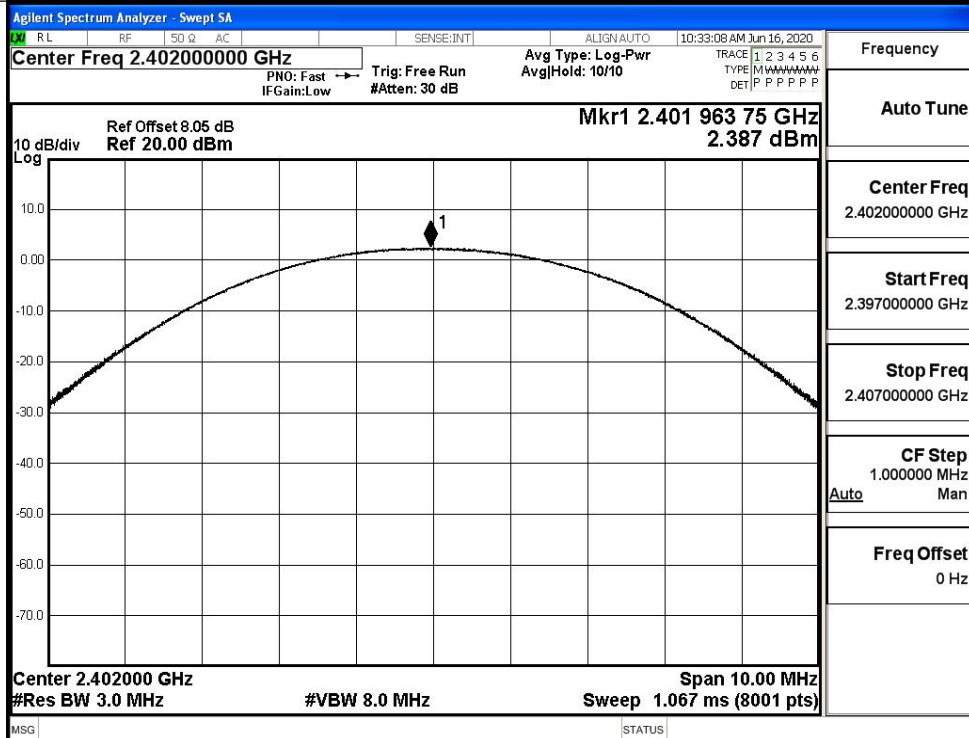
GFSK/LCH

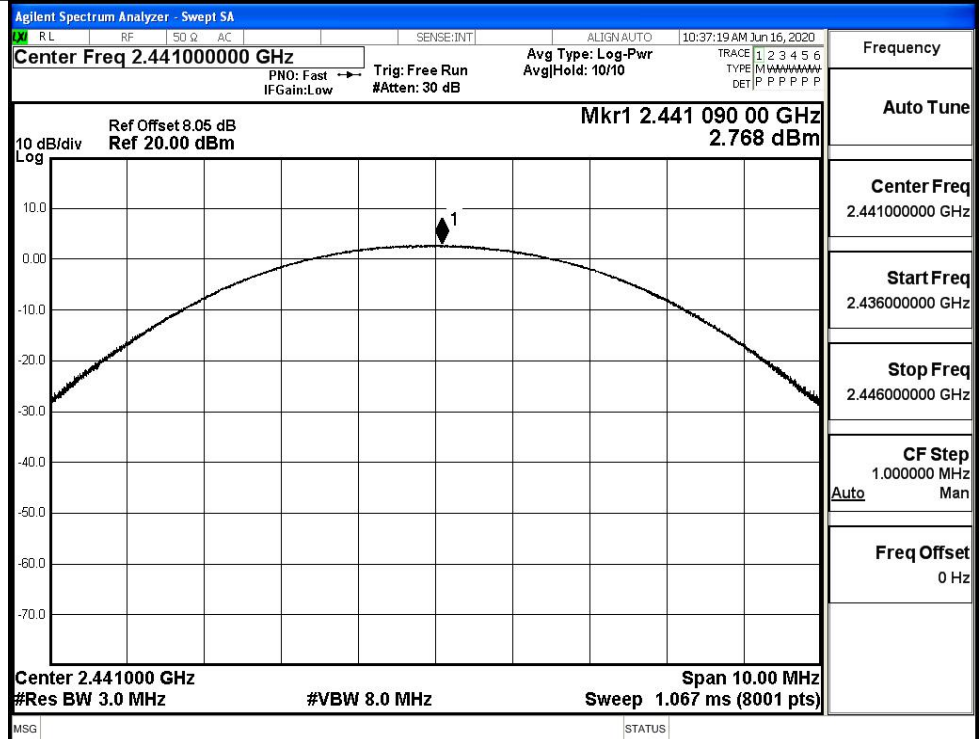
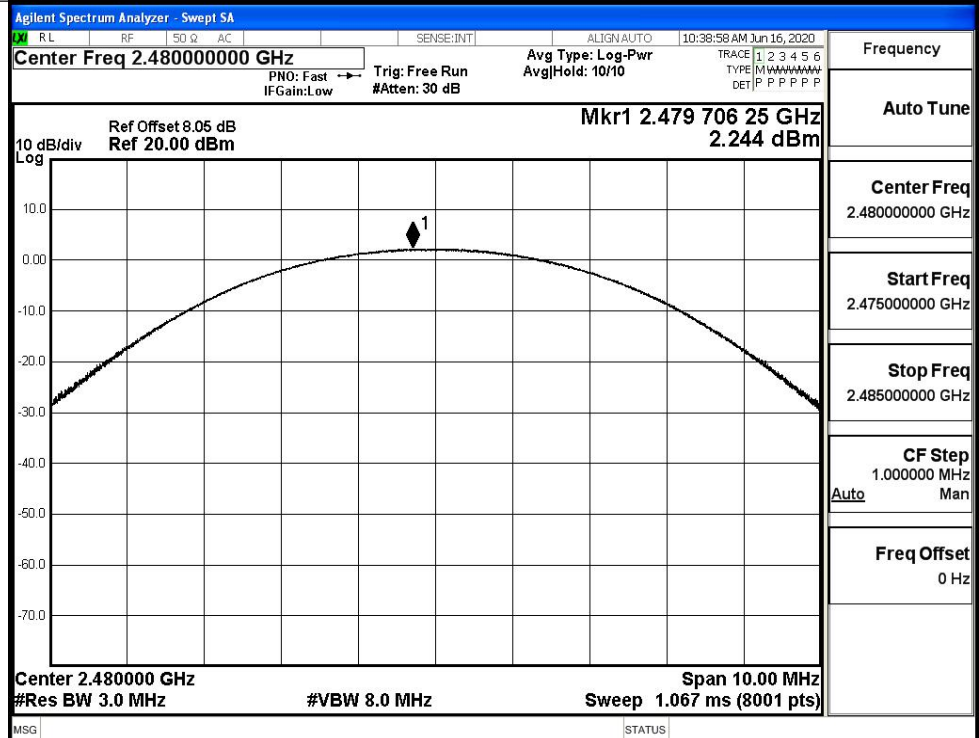


GFSK/MCH

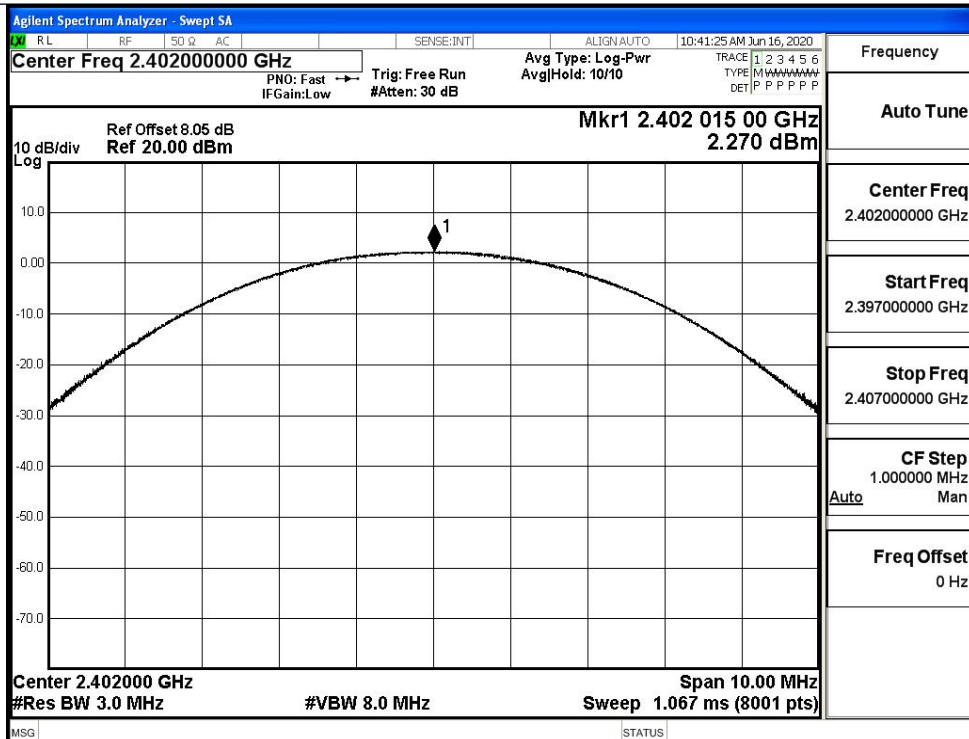


GFSK/HCH

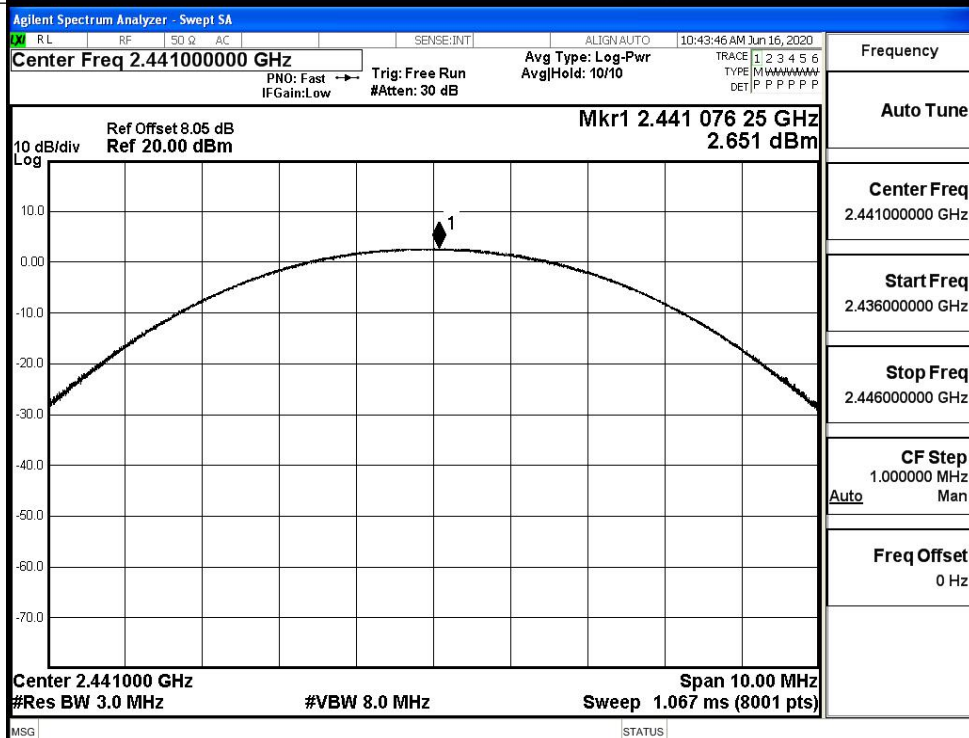
 π /4DQPSK/LCH

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

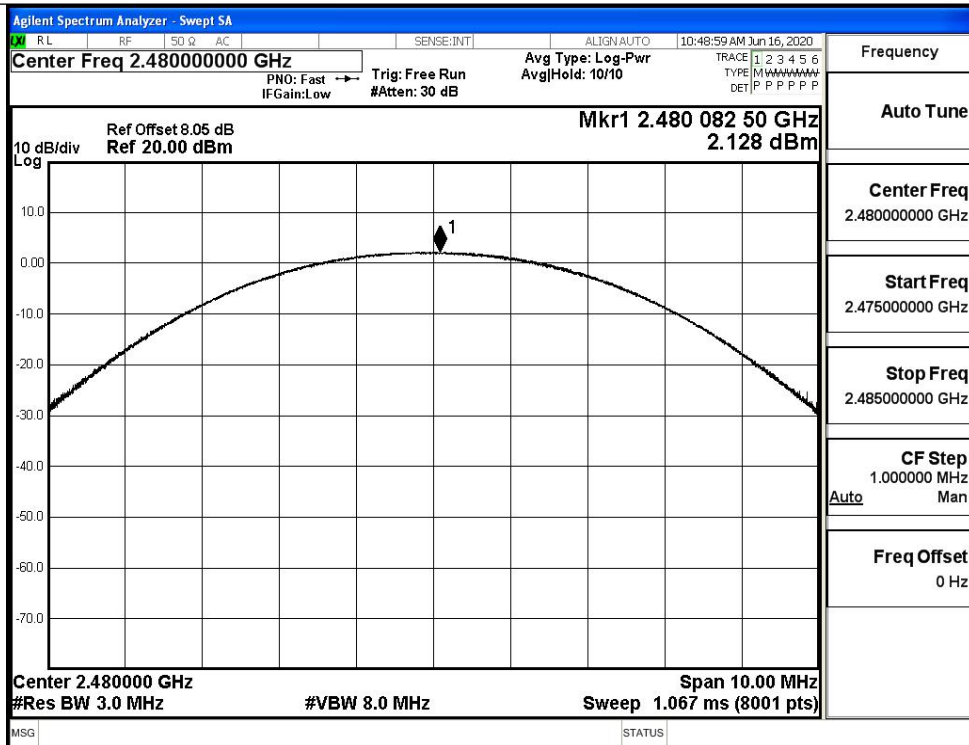
8DPSK/LCH



8DPSK/MCH



8DPSK/HCH

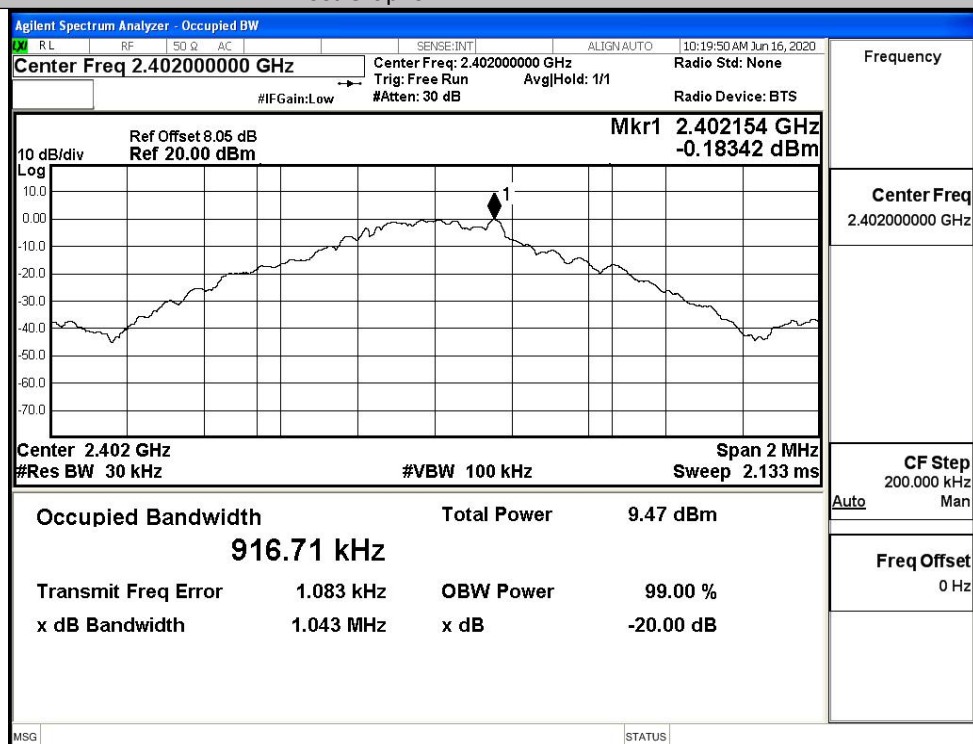


A.2 20dB Bandwidth

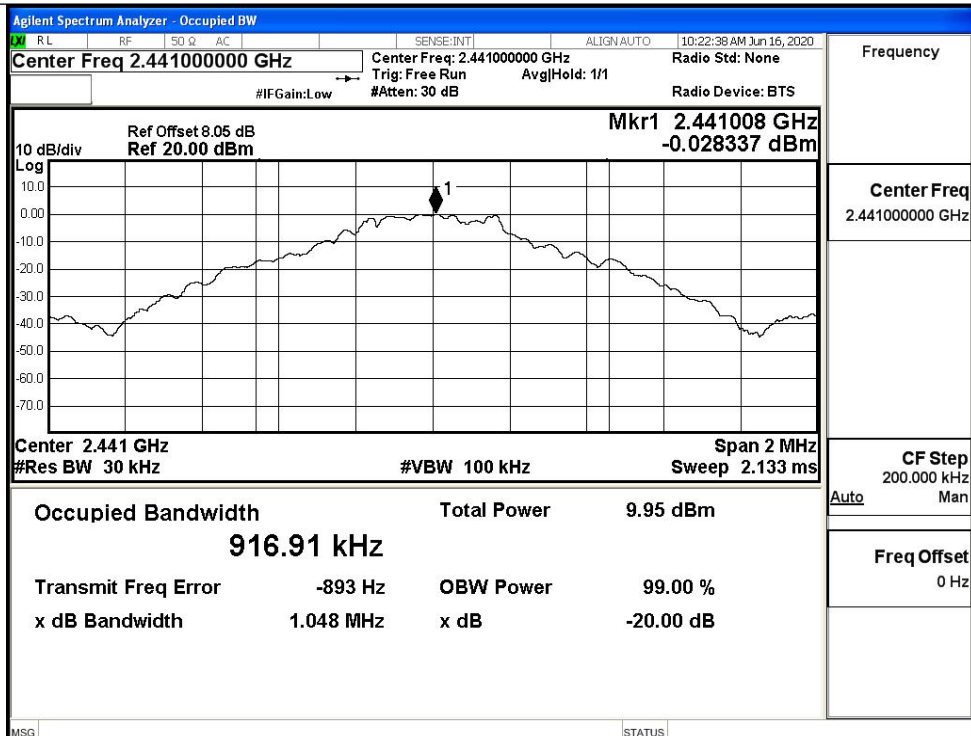
Mode	Channel.	20dB Bandwidth [MHz]	Limit [MHz]	Verdict
GFSK	LCH	1.043	Not Specified	PASS
	MCH	1.048	Not Specified	PASS
	HCH	1.045	Not Specified	PASS
$\pi/4$ DQPSK	LCH	1.291	Not Specified	PASS
	MCH	1.307	Not Specified	PASS
	HCH	1.290	Not Specified	PASS
8DPSK	LCH	1.298	Not Specified	PASS
	MCH	1.315	Not Specified	PASS
	HCH	1.298	Not Specified	PASS

Test Graphs

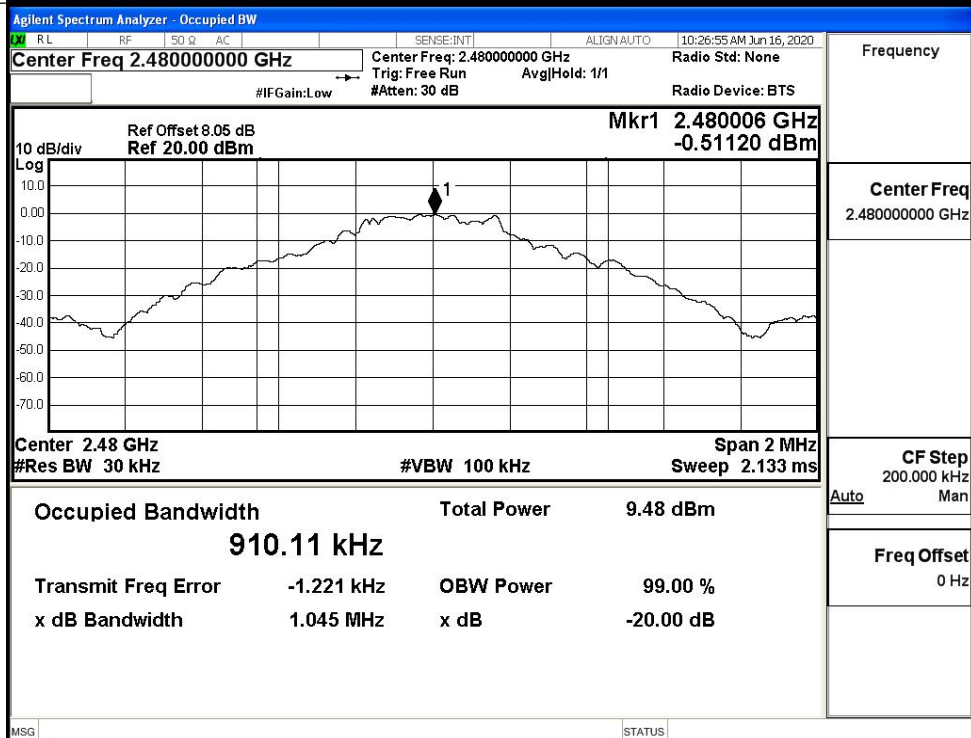
GFSK/LCH

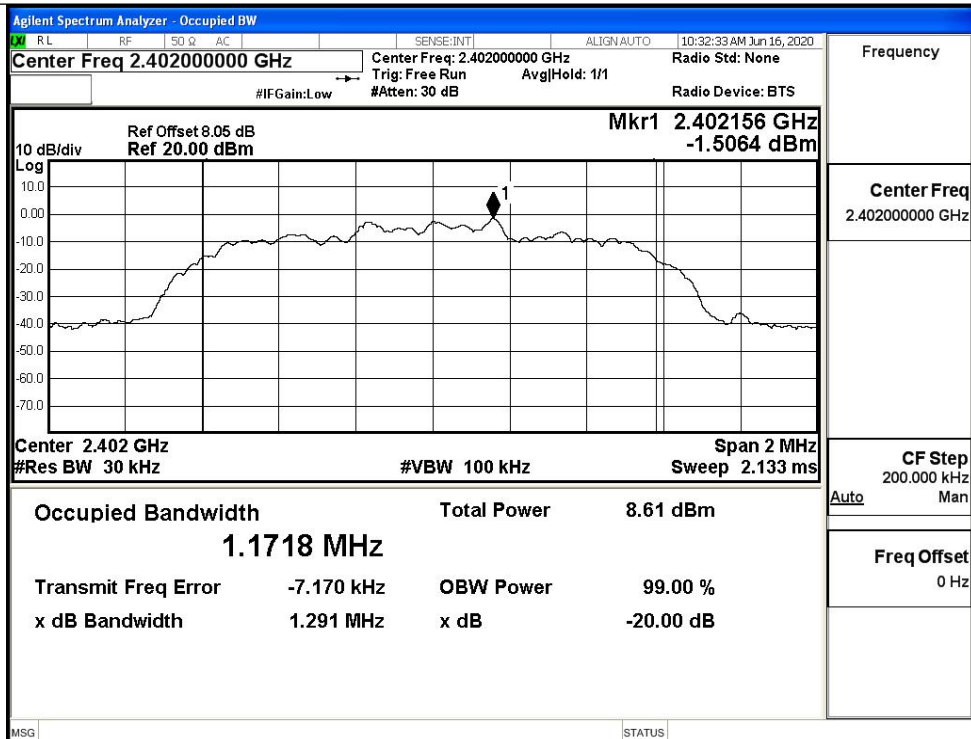
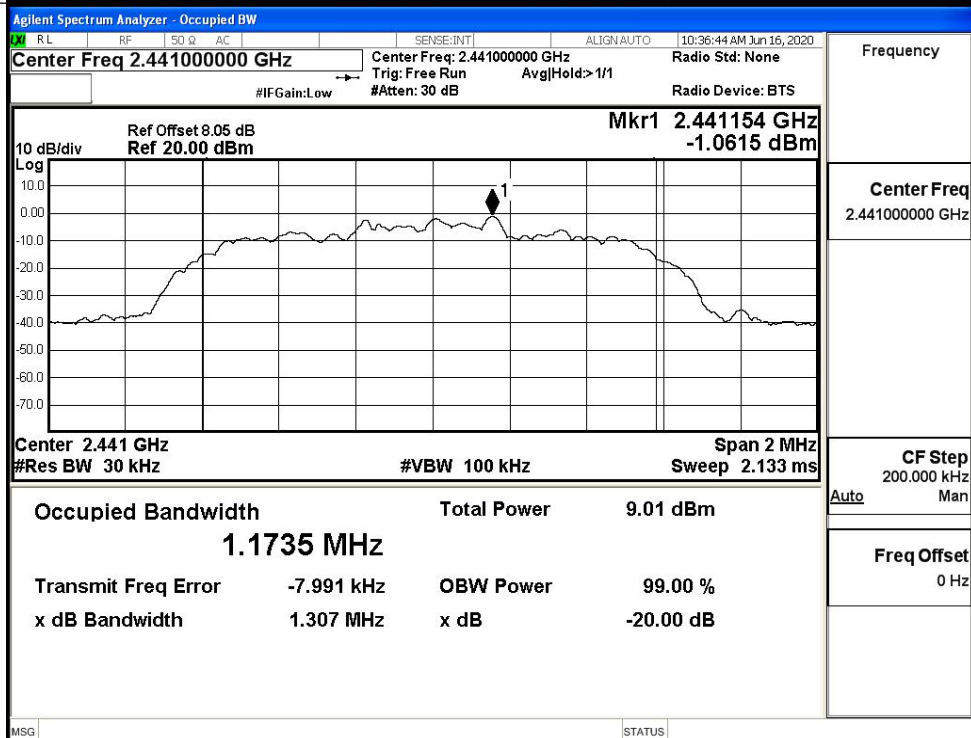


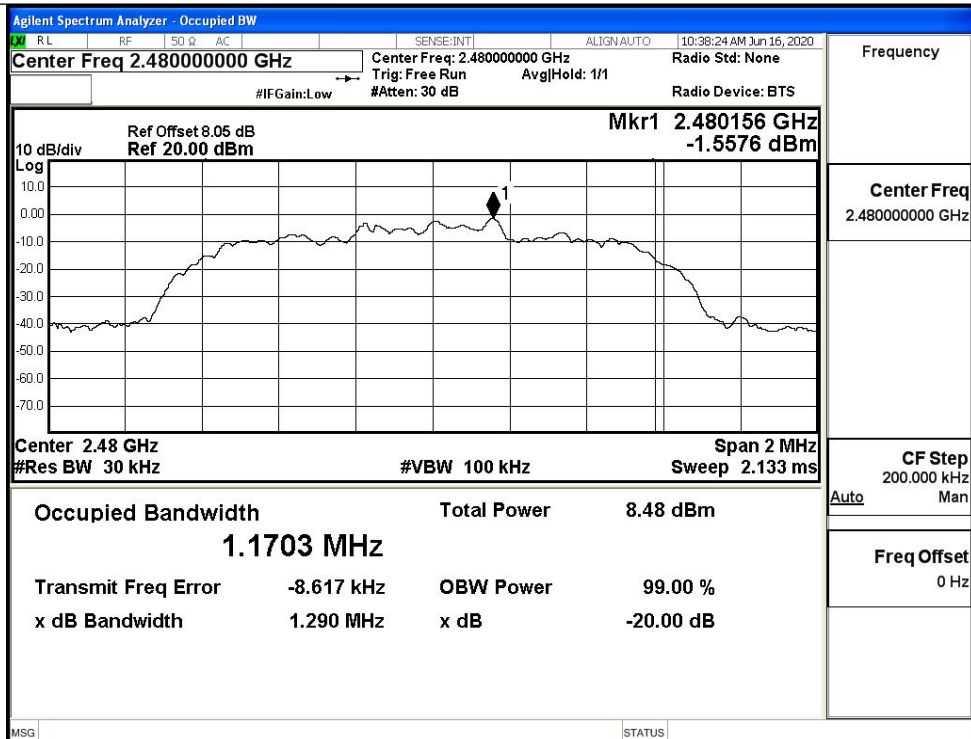
GFSK/MCH



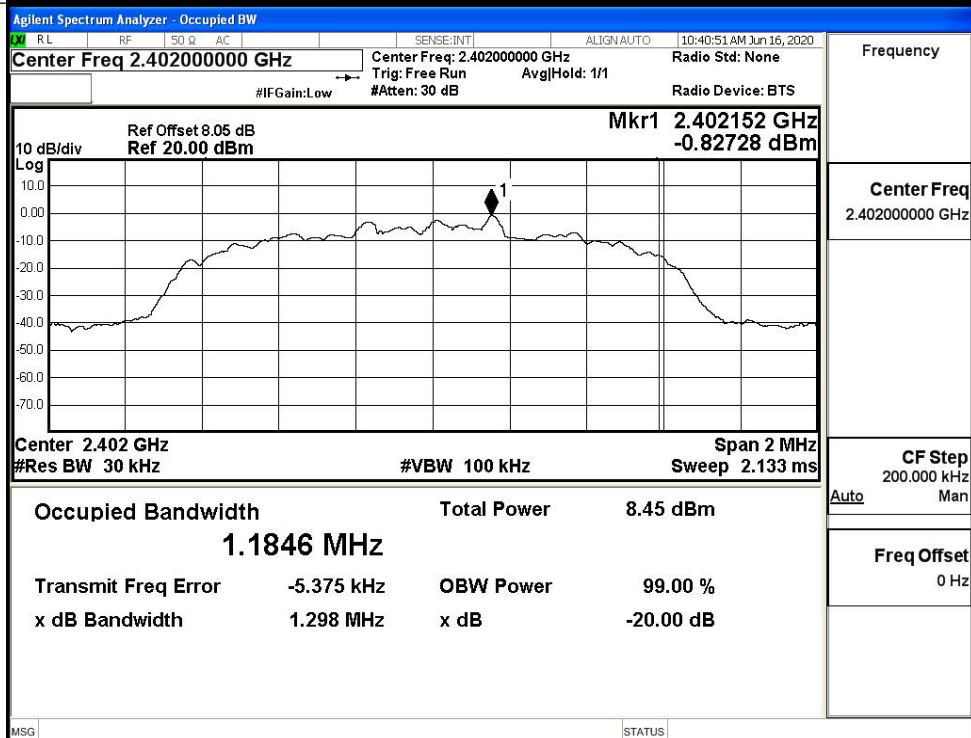
GFSK/HCH



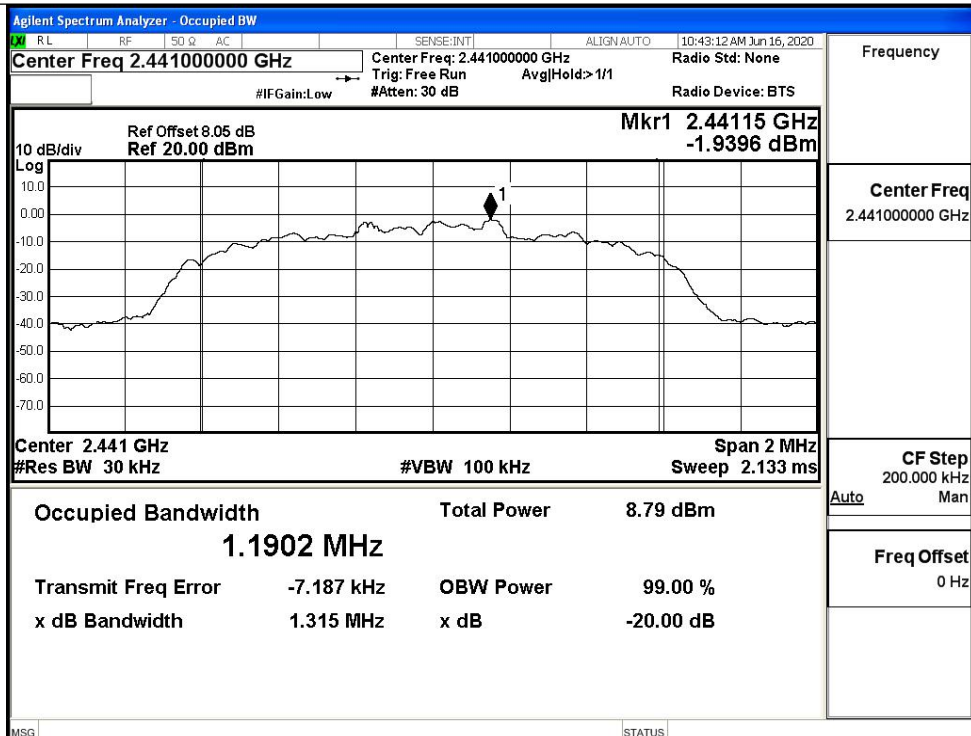
$\pi/4$ DQPSK/LCH $\pi/4$ DQPSK/MCH

$\pi/4$ DQPSK/HCH

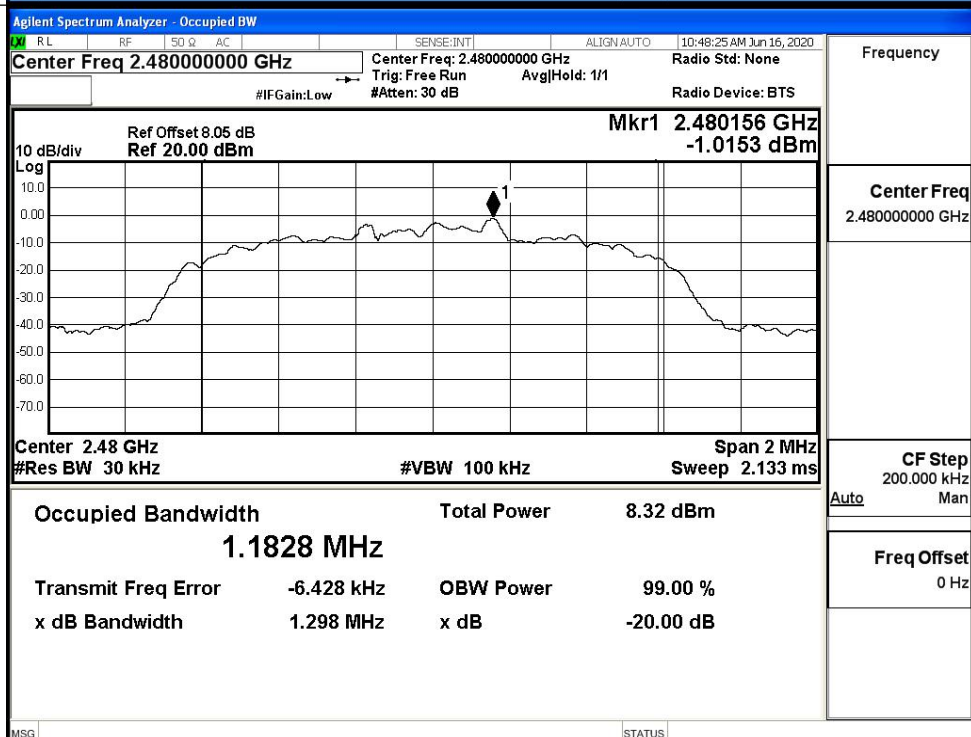
8DPSK/LCH



8DPSK/MCH



8DPSK/HCH

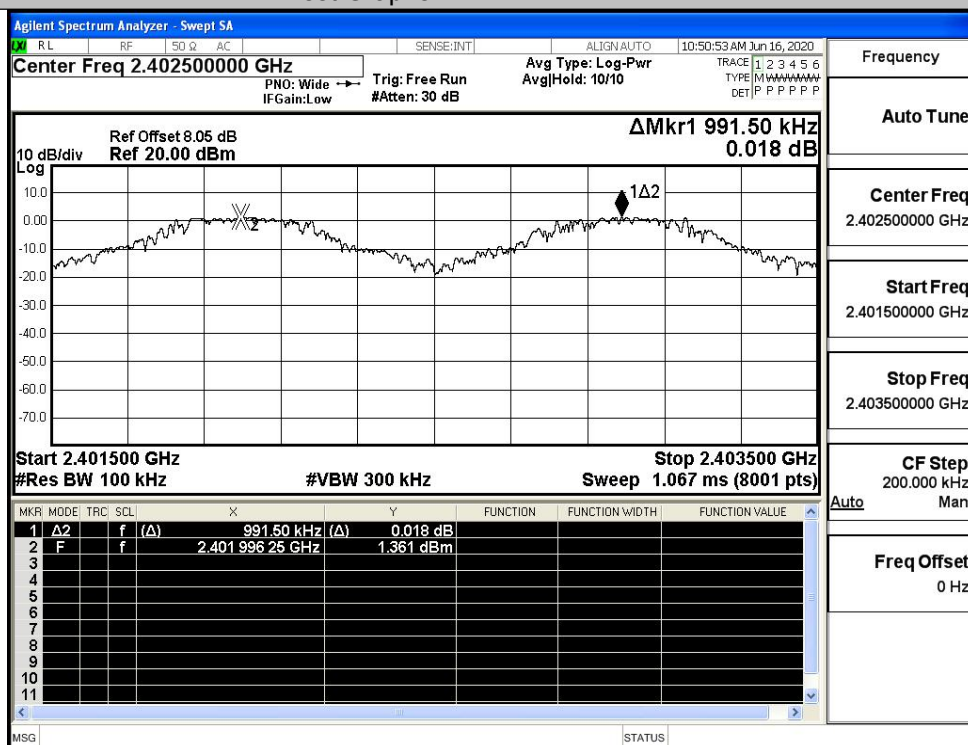


A.3 Carrier Frequency Separation

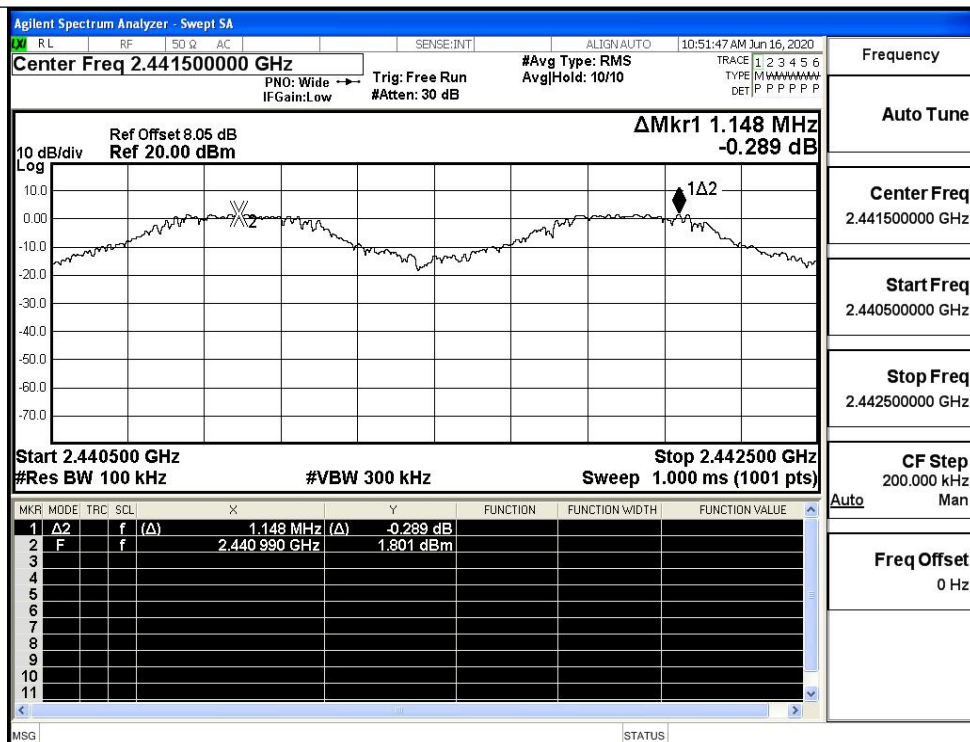
Mode	Channel.	Carrier Frequency Separation [MHz]	Limit [MHz]	Verdict
GFSK	LCH	0.991	0.695	PASS
	MCH	1.148	0.699	PASS
	HCH	1.006	0.697	PASS
$\pi/4$ DQPSK	LCH	0.944	0.861	PASS
	MCH	0.904	0.871	PASS
	HCH	1.342	0.860	PASS
8DPSK	LCH	1.000	0.865	PASS
	MCH	1.060	0.877	PASS
	HCH	1.128	0.865	PASS

Test Graphs

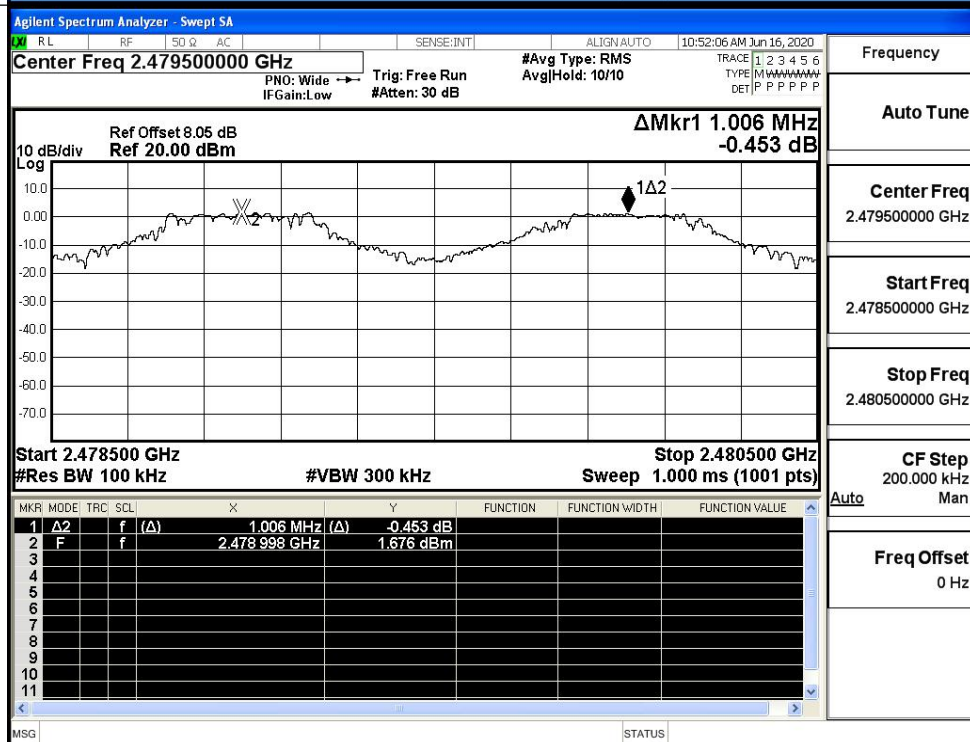
GFSK/LCH

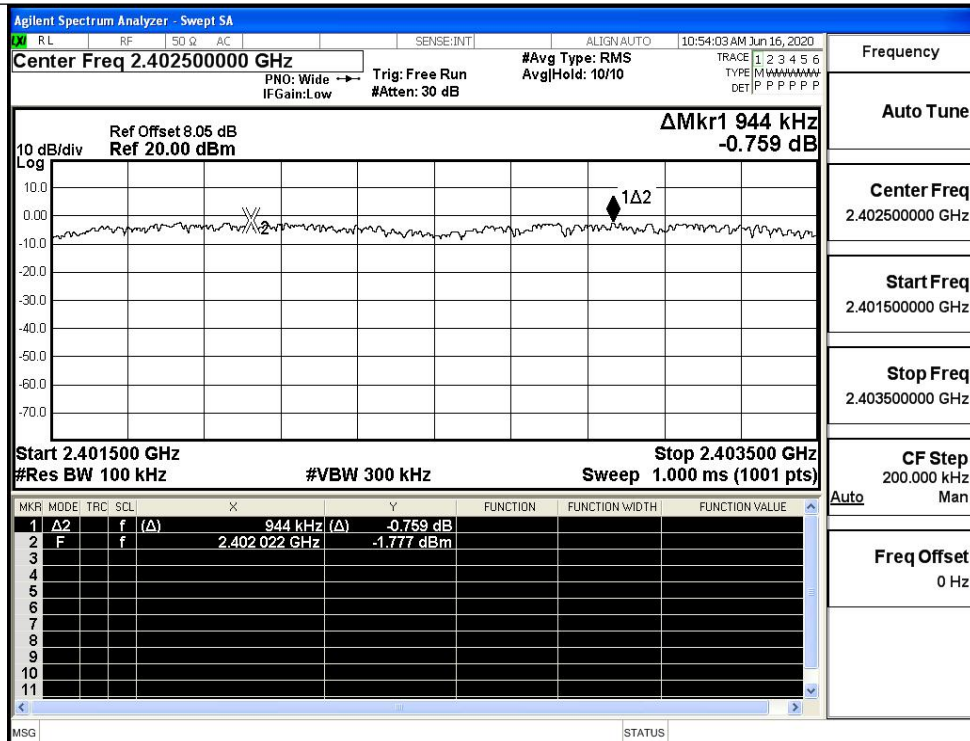
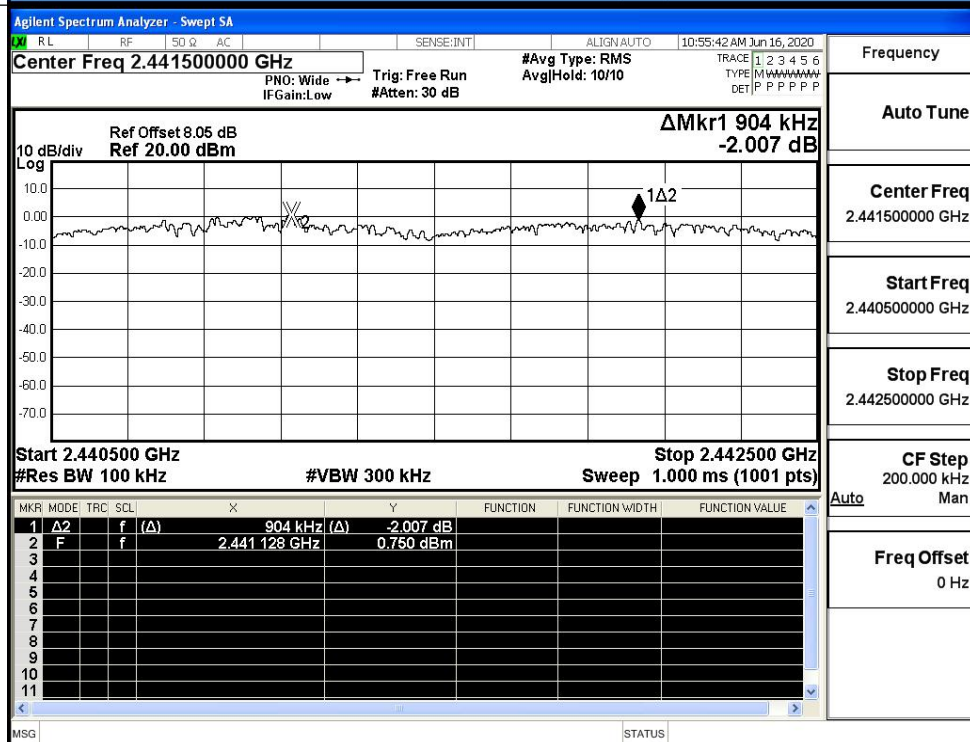


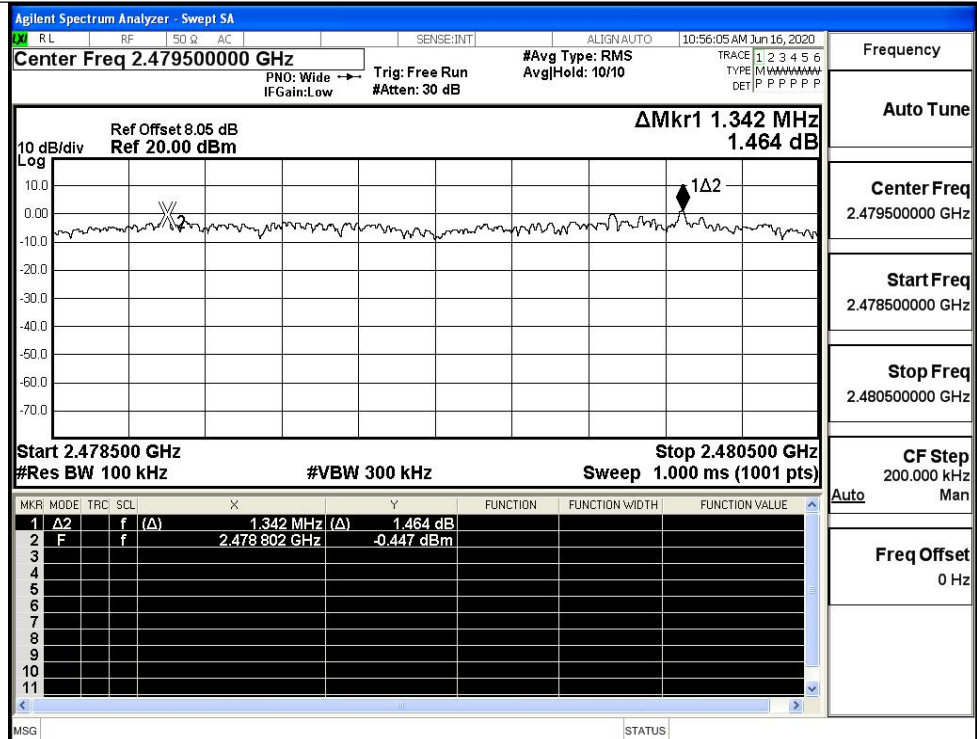
GFSK/MCH



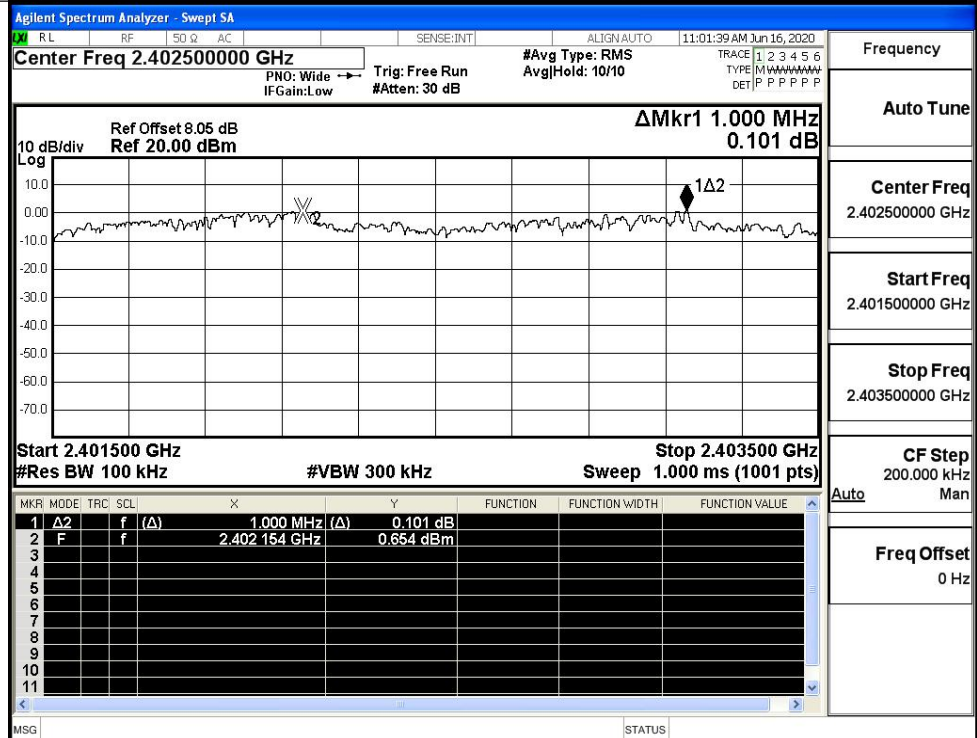
GFSK/HCH



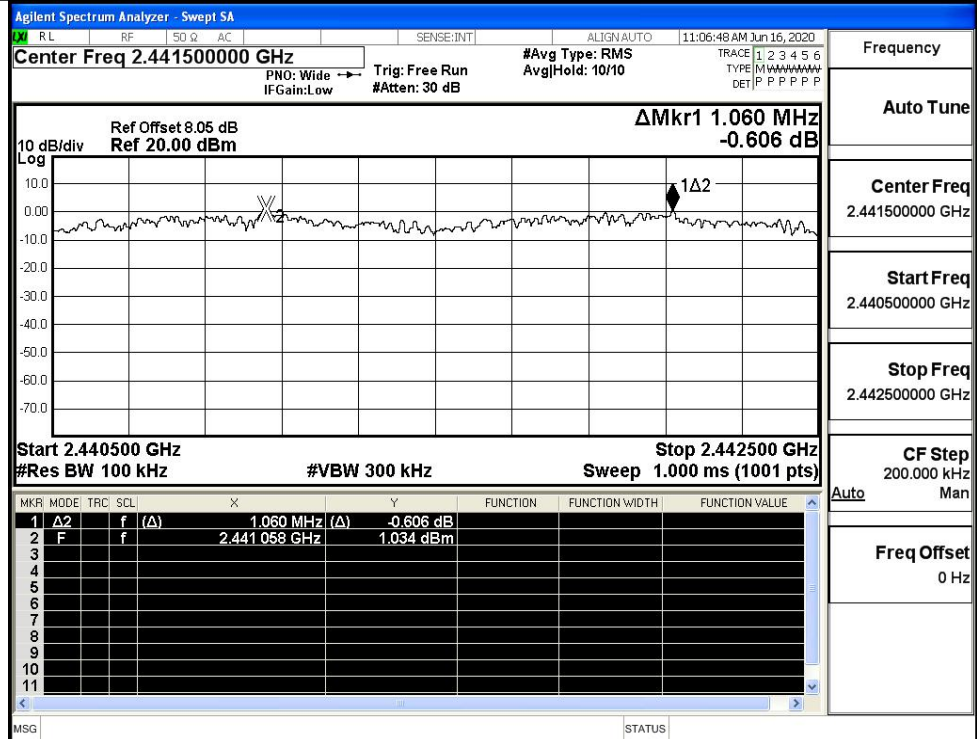
$\pi/4$ DQPSK/LCH $\pi/4$ DQPSK/MCH

$\pi/4$ DQPSK/HCH

8DPSK/LCH



8DPSK/MCH



8DPSK/HCH

