

Appendix A

RF Test Data for BT V4.2(BDR/EDR) (Conducted Measurement)

Product Name: EcoExtreme2

Trade Mark: ECOXGEAR

Test Model: GDI-EX3W210

Environmental Conditions

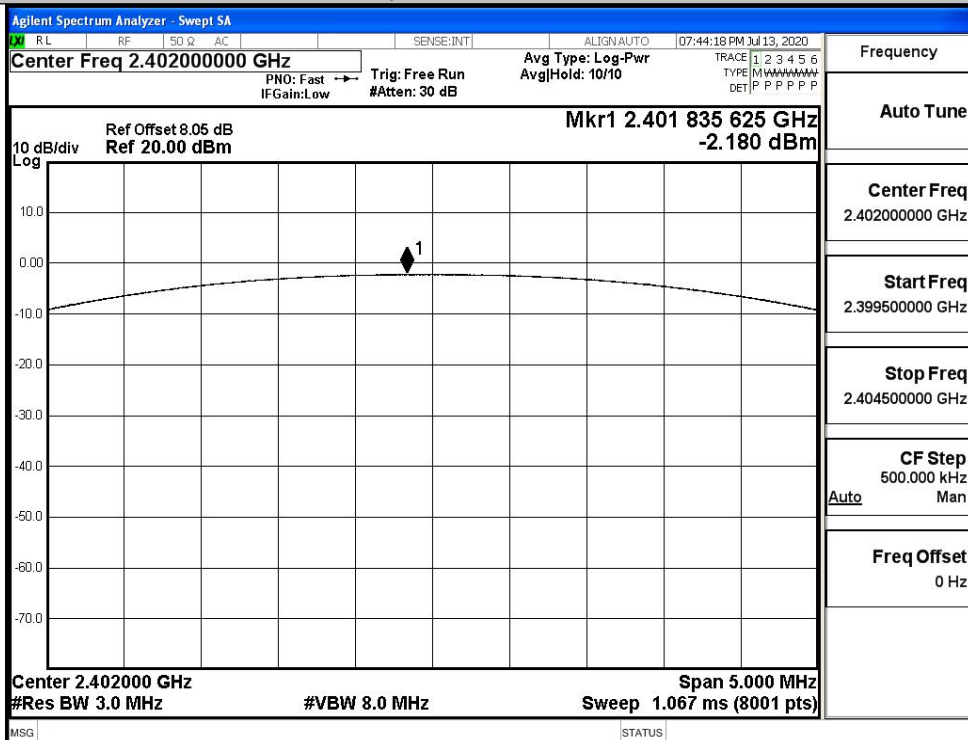
Temperature:	24.6° C
Relative Humidity:	54.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Qu Xin
Supervised by:	Li Huan

A.1 Maximum Conducted Peak Output Power

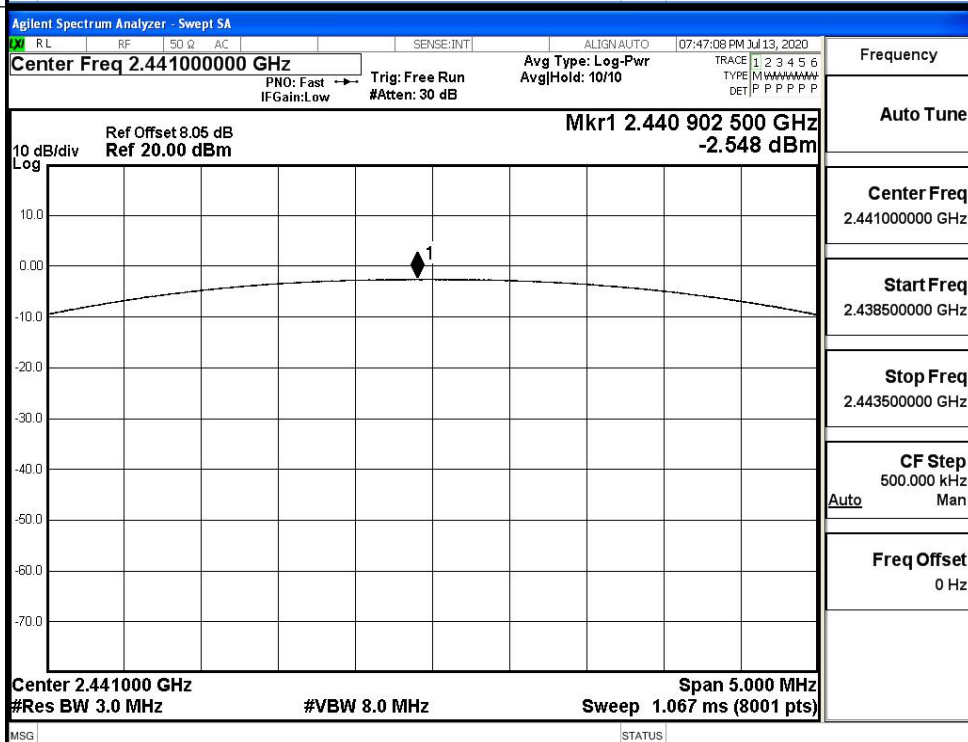
Mode	Channel.	Maximum Peak Output Power [dBm]	Limit [dBm]	Verdict
GFSK	LCH	-2.180	21	PASS
	MCH	-2.548	21	PASS
	HCH	-2.959	21	PASS
$\pi/4$ DQPSK	LCH	0.025	21	PASS
	MCH	-0.320	21	PASS
	HCH	-0.752	21	PASS
8DPSK	LCH	0.316	21	PASS
	MCH	0.049	21	PASS
	HCH	-0.482	21	PASS

Test Graphs

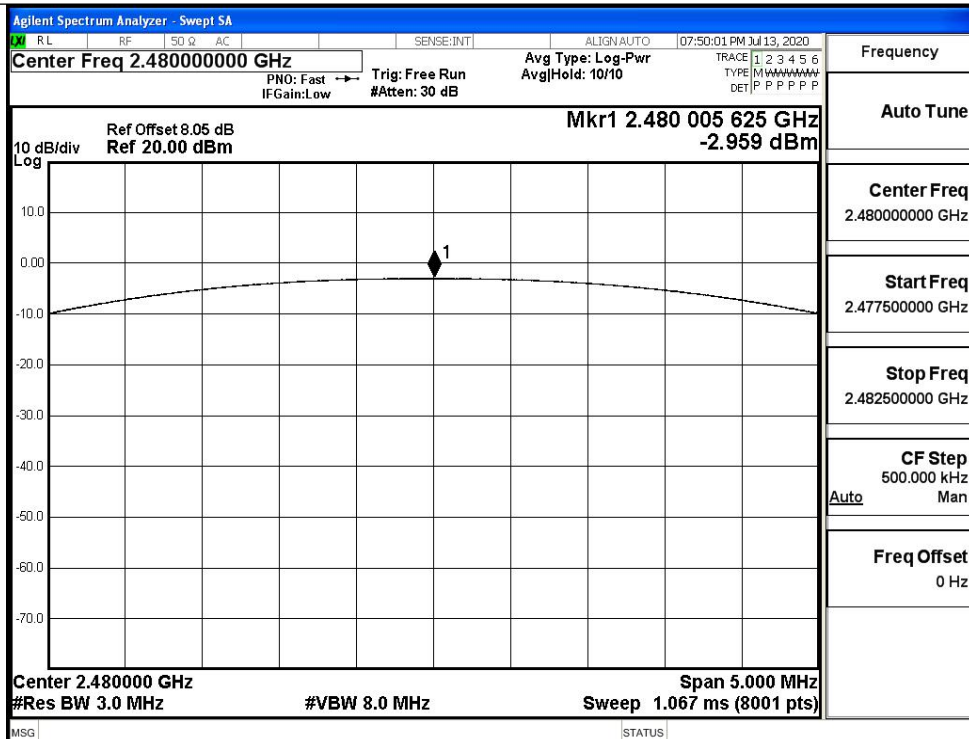
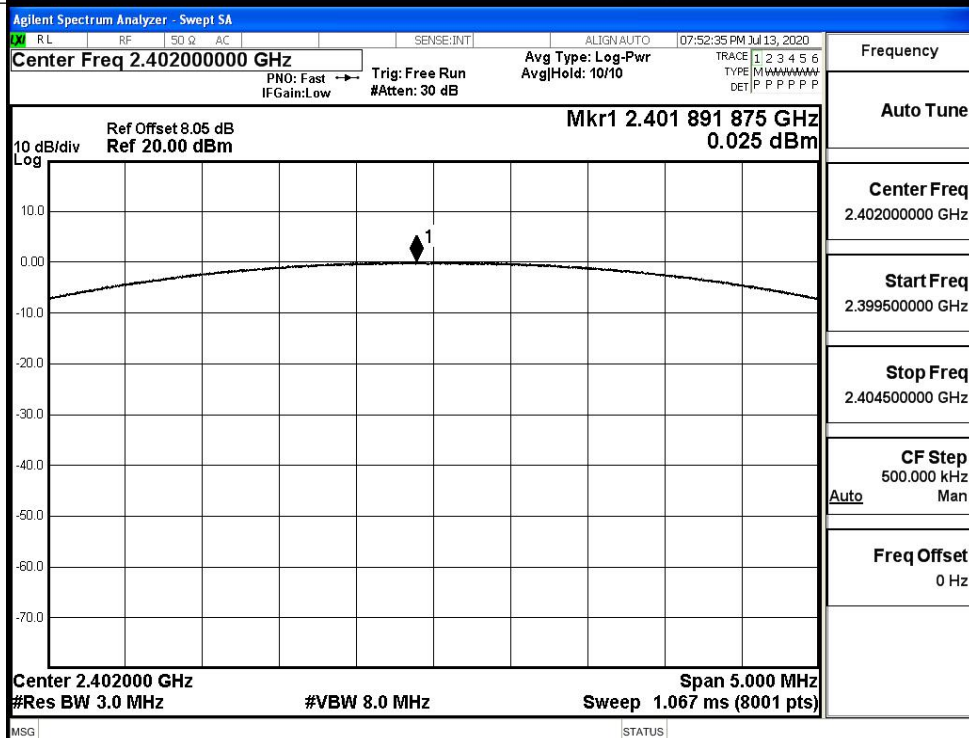
GFSK/LCH

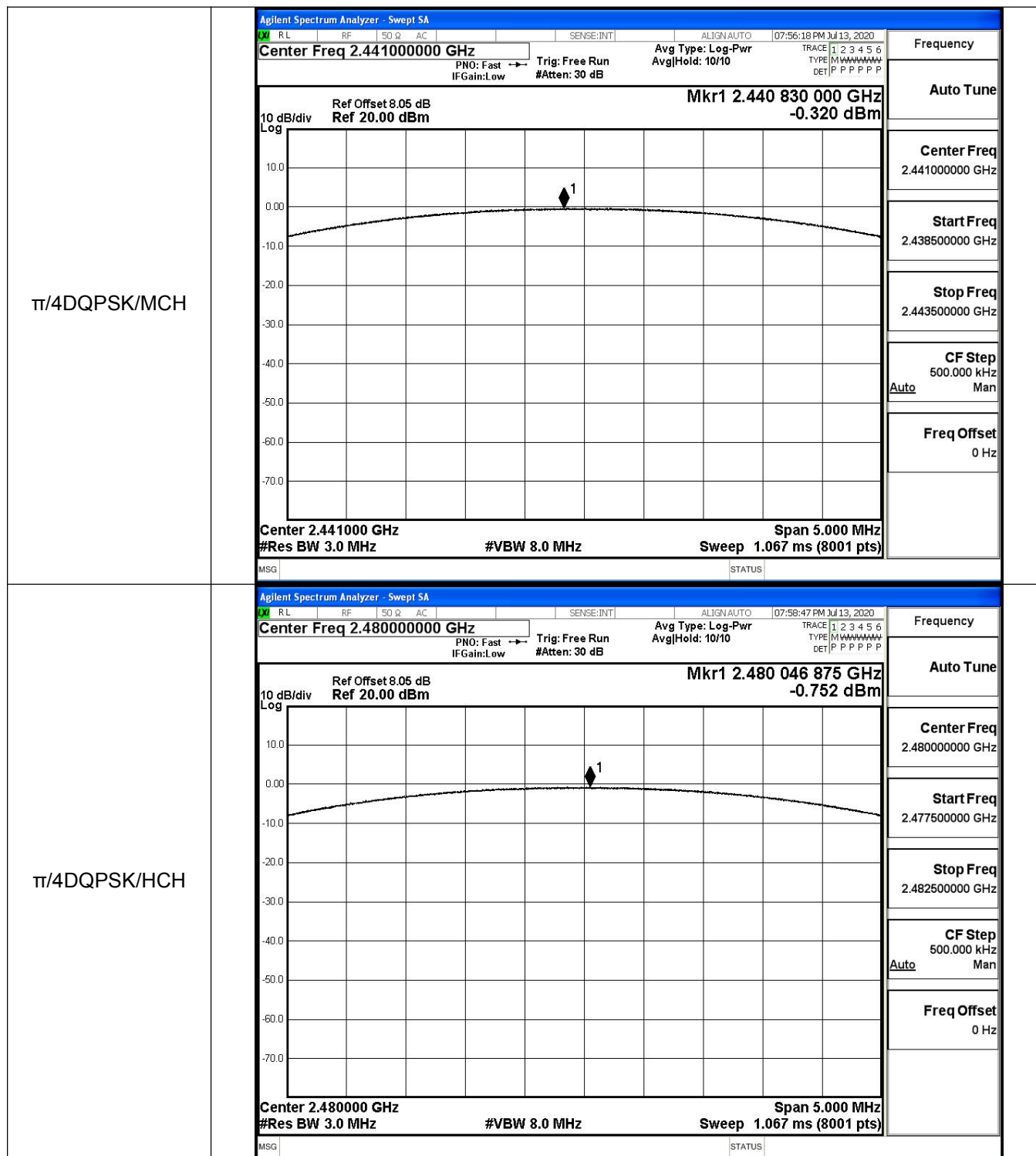


GFSK/MCH

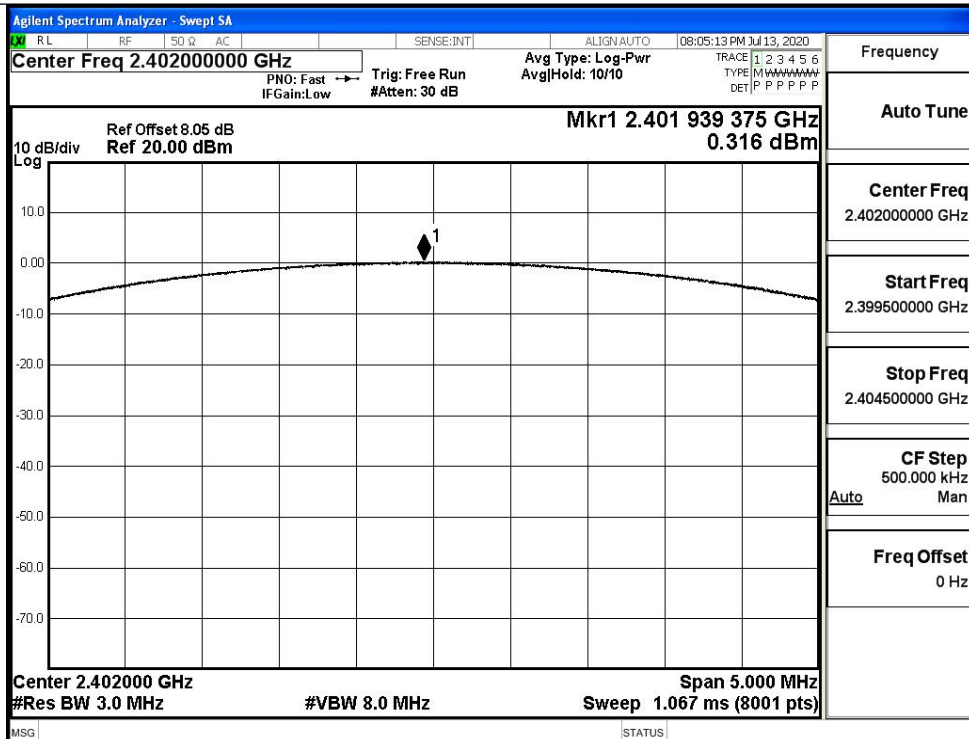


GFSK/HCH

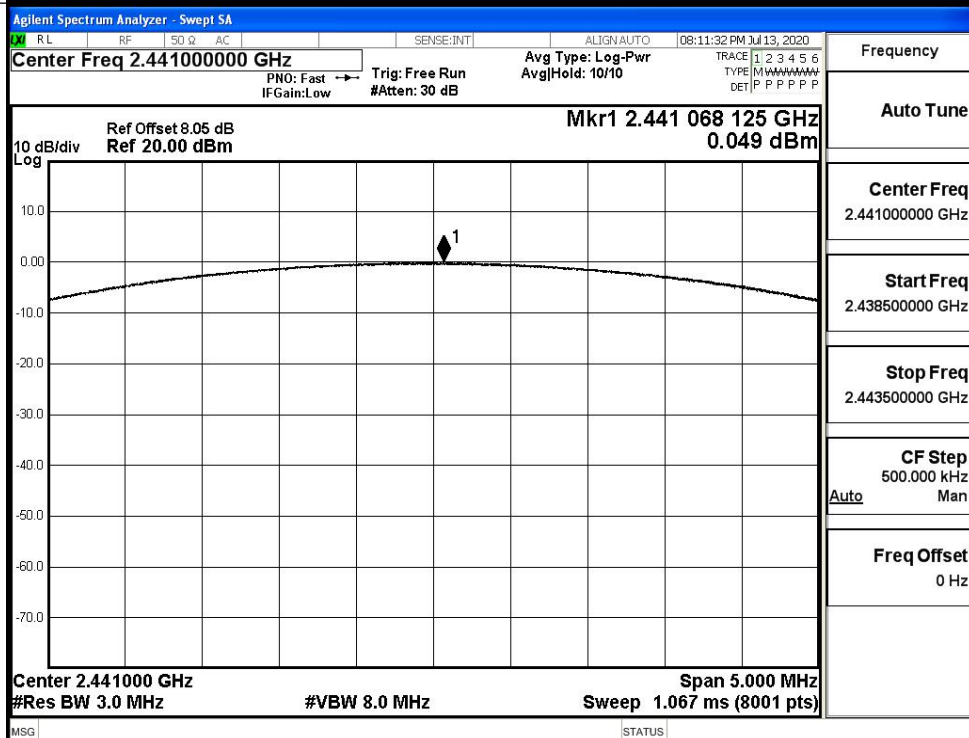
 $\pi/4$ DQPSK/LCH



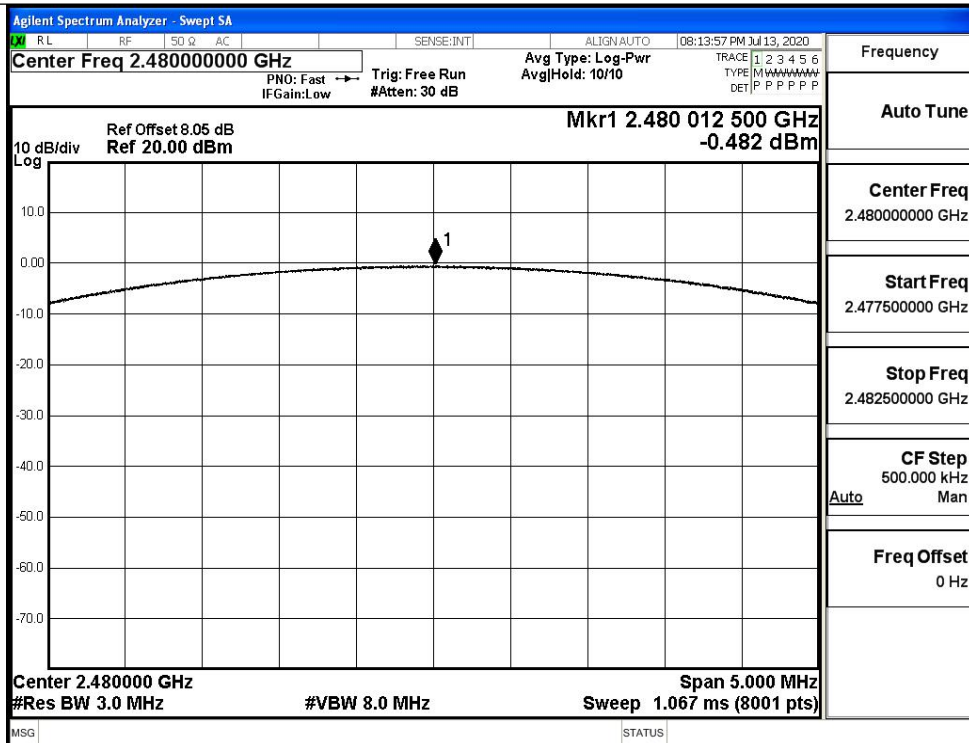
8DPSK/LCH



8DPSK/MCH



8DPSK/HCH

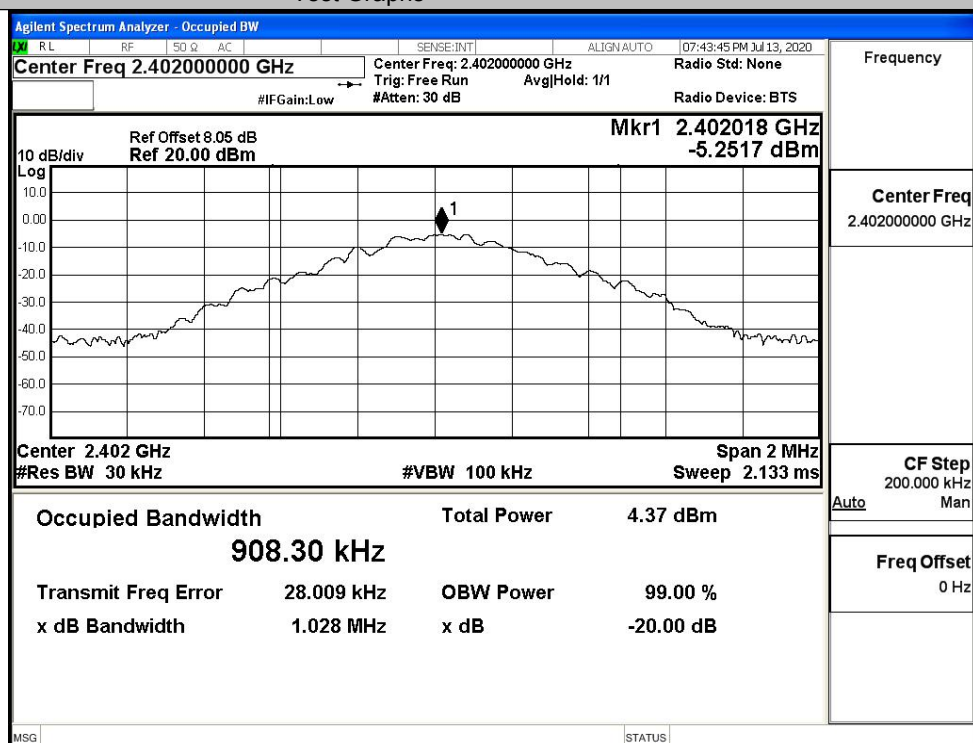


A.2 20dB Bandwidth

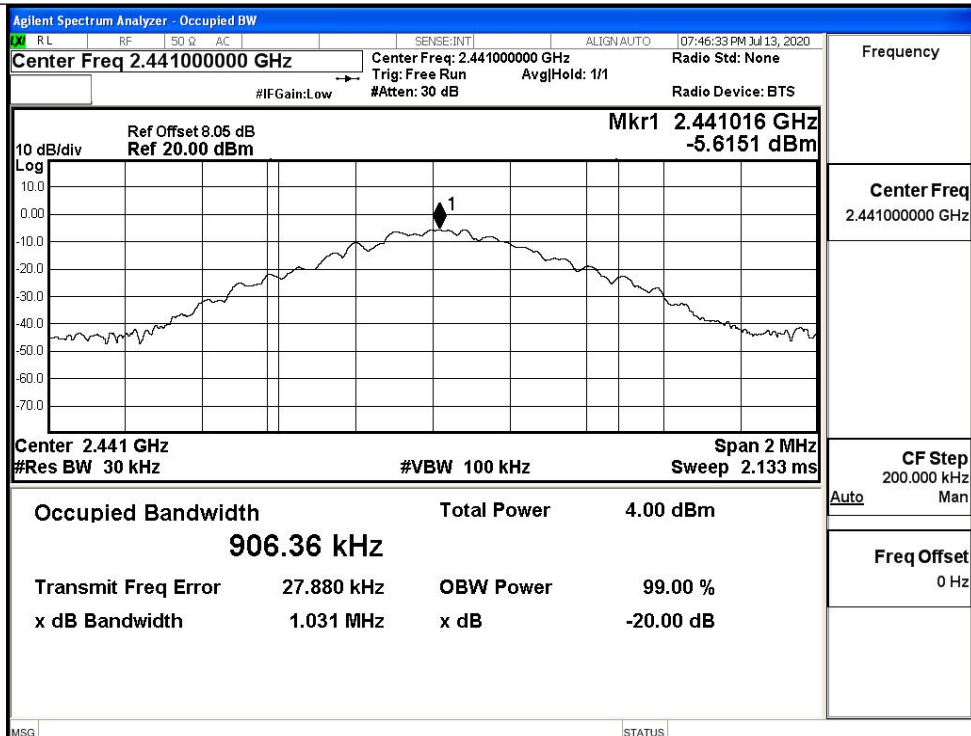
Mode	Channel.	20dB Bandwidth [MHz]	Limit [MHz]	Verdict
GFSK	LCH	1.028	Not Specified	PASS
	MCH	1.031	Not Specified	PASS
	HCH	1.033	Not Specified	PASS
$\pi/4$ DQPSK	LCH	1.363	Not Specified	PASS
	MCH	1.364	Not Specified	PASS
	HCH	1.365	Not Specified	PASS
8DPSK	LCH	1.350	Not Specified	PASS
	MCH	1.349	Not Specified	PASS
	HCH	1.347	Not Specified	PASS

Test Graphs

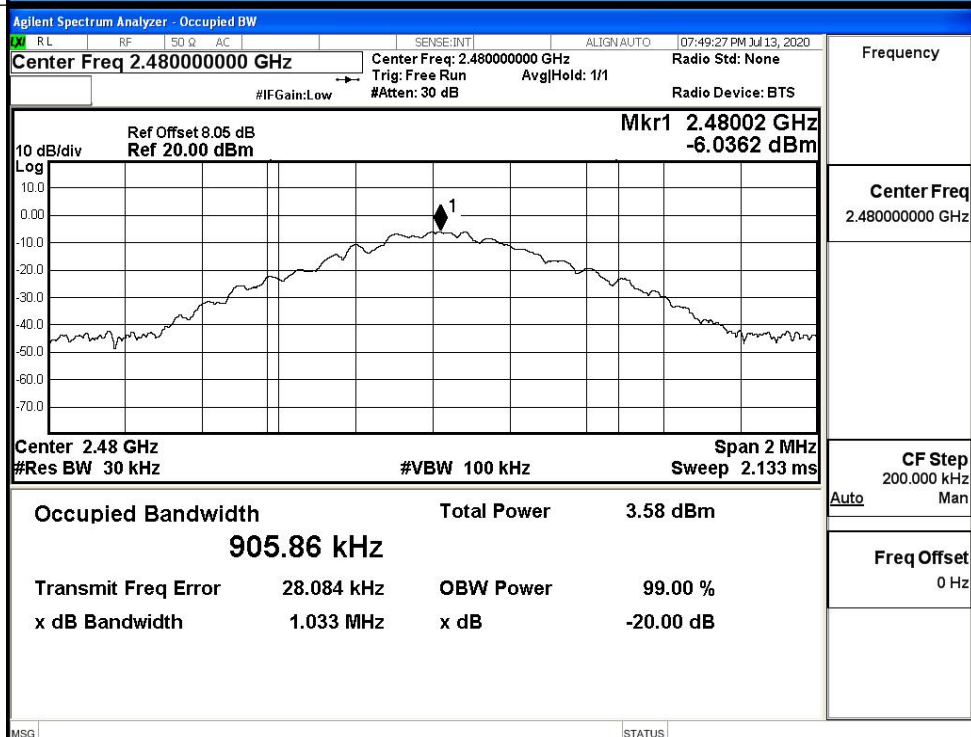
GFSK/LCH

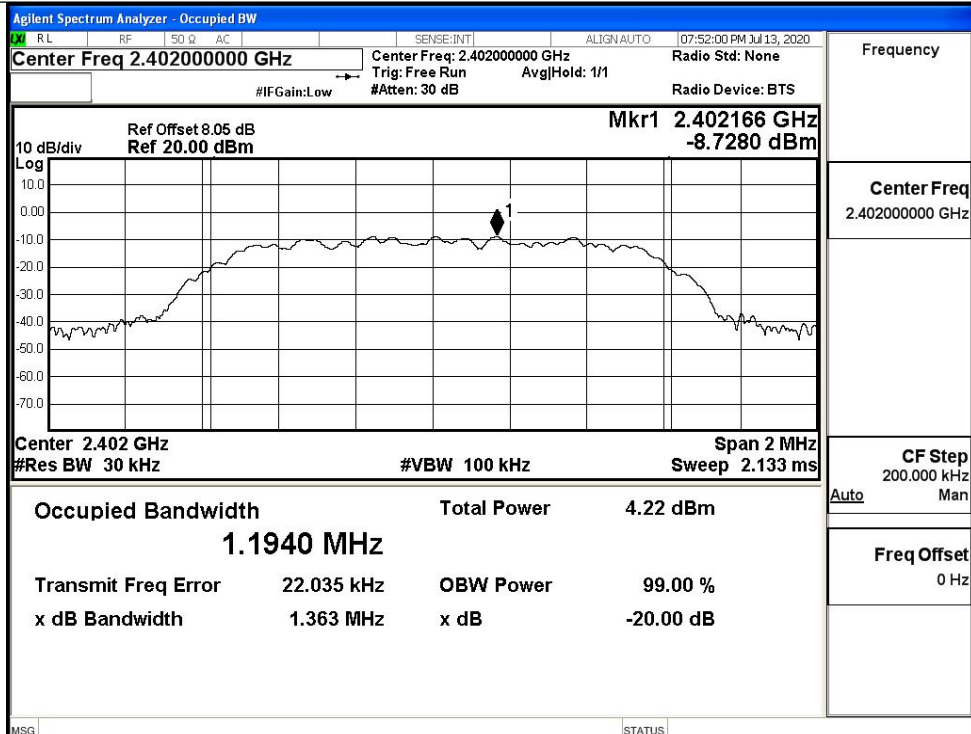
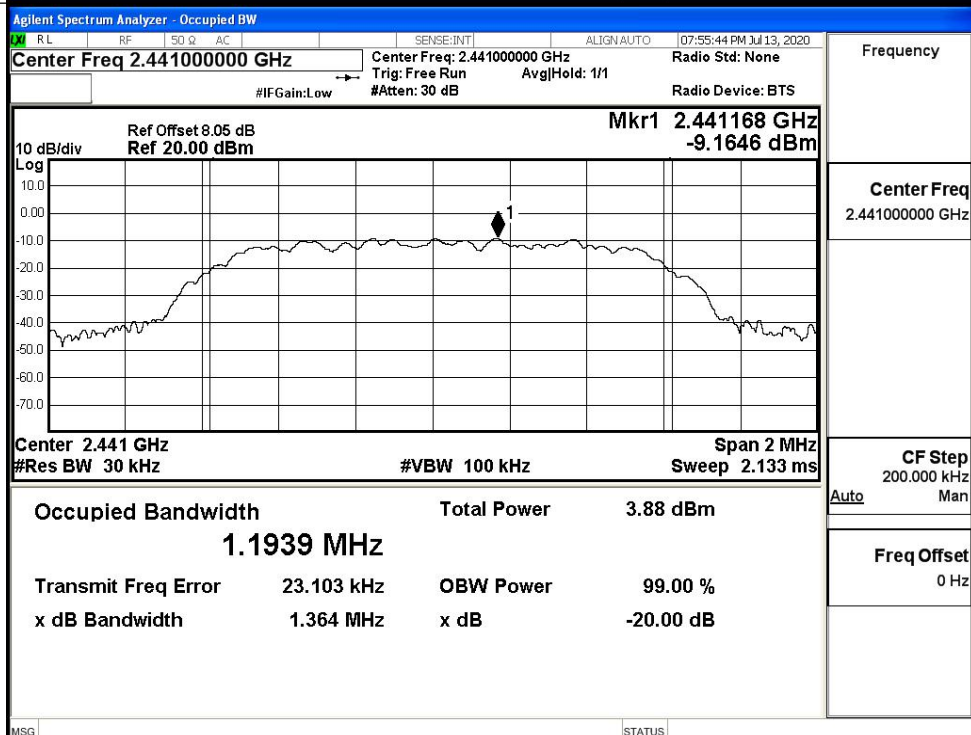


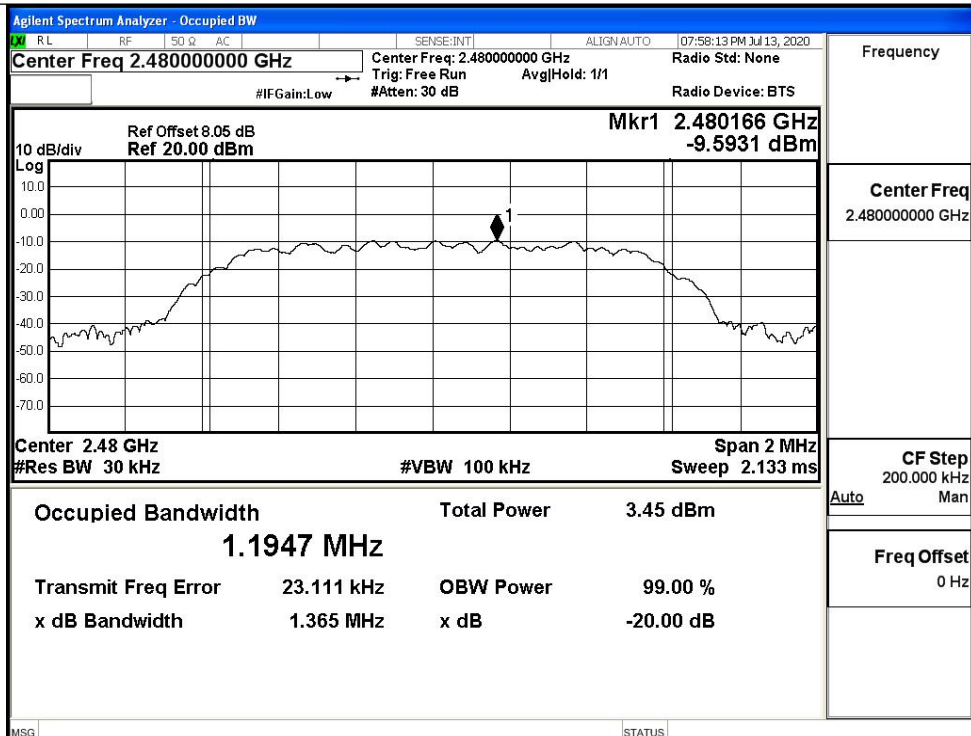
GFSK/MCH



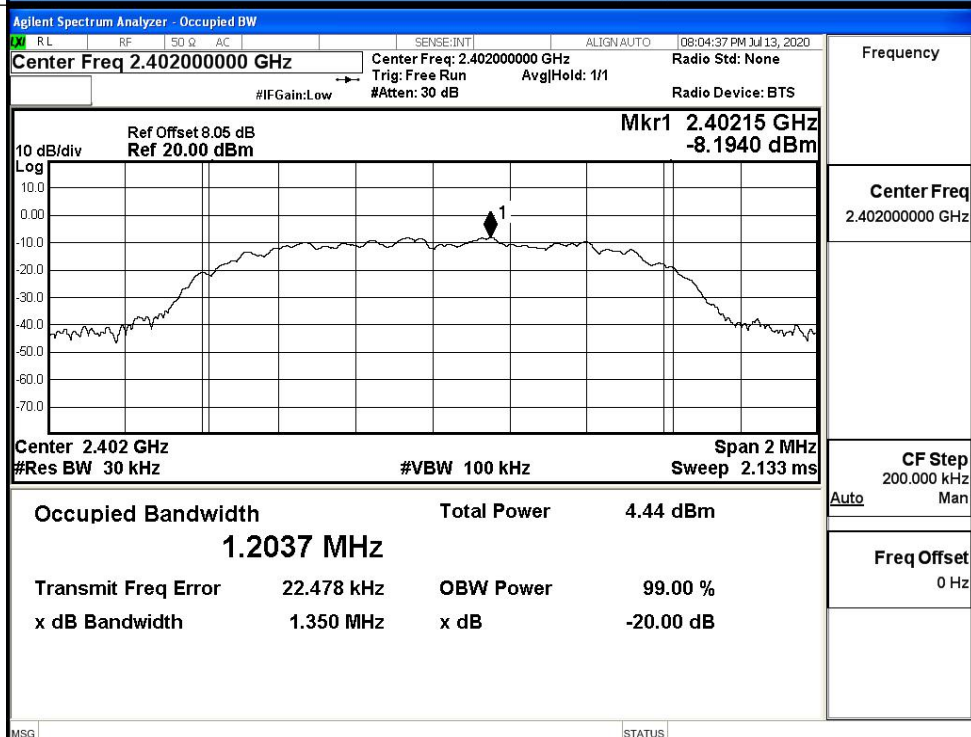
GFSK/HCH



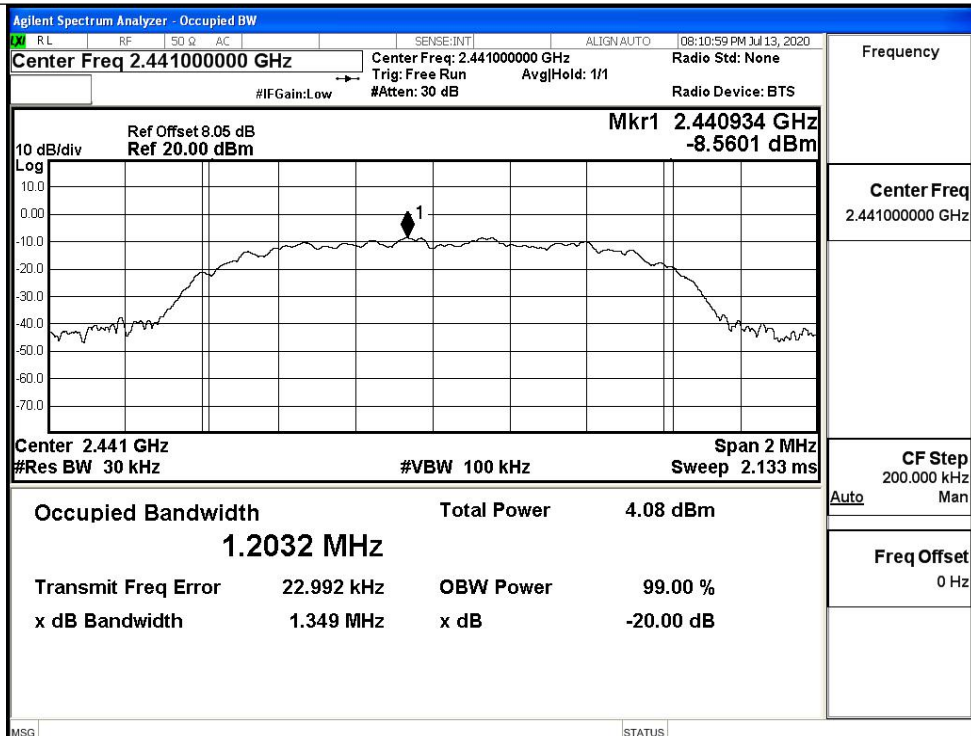
$\pi/4$ DQPSK/LCH $\pi/4$ DQPSK/MCH

$\pi/4$ DQPSK/HCH

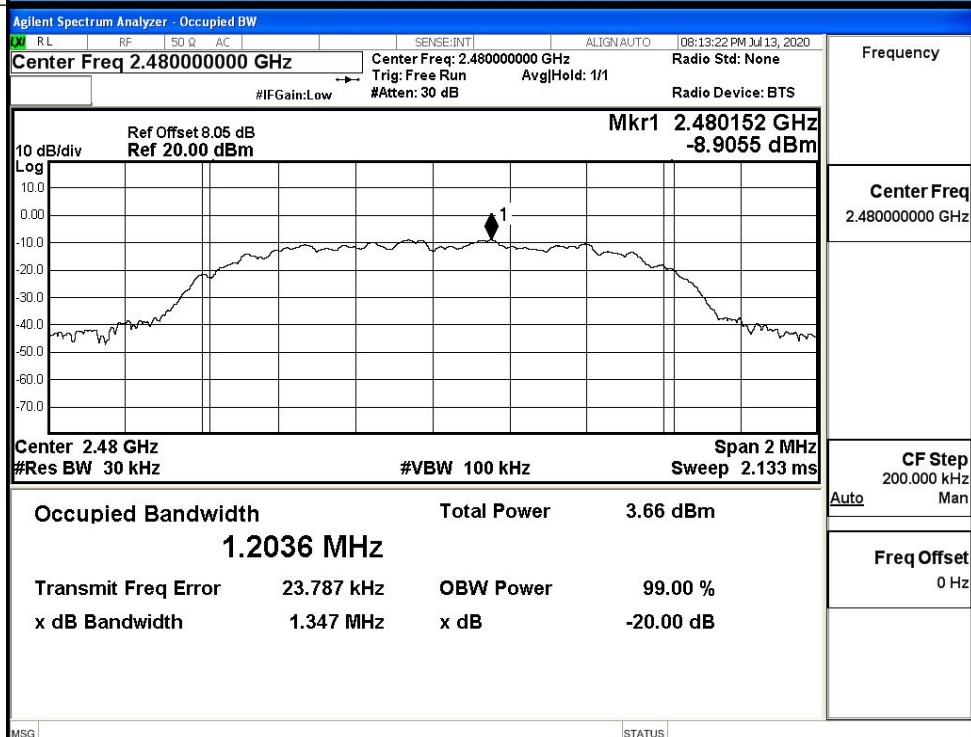
8DPSK/LCH



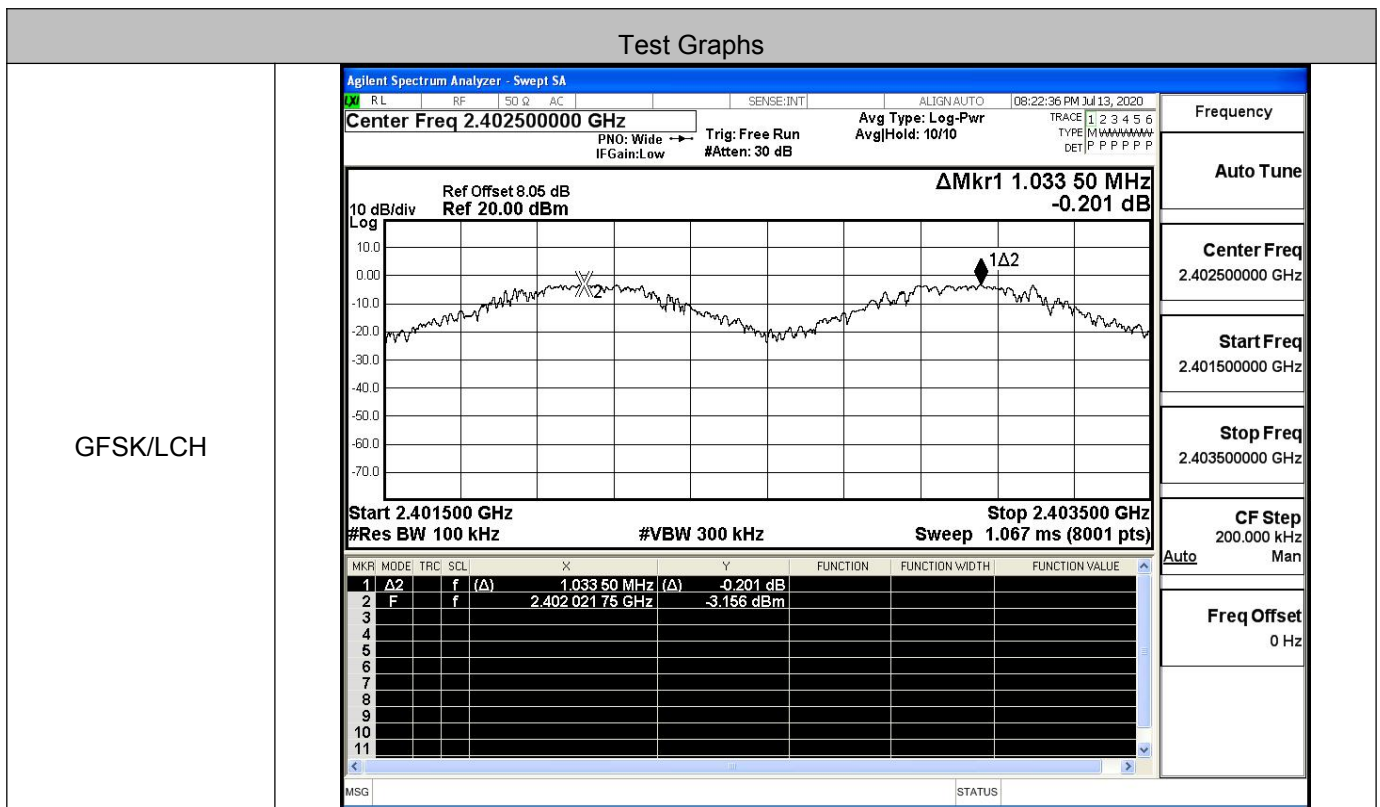
8DPSK/MCH



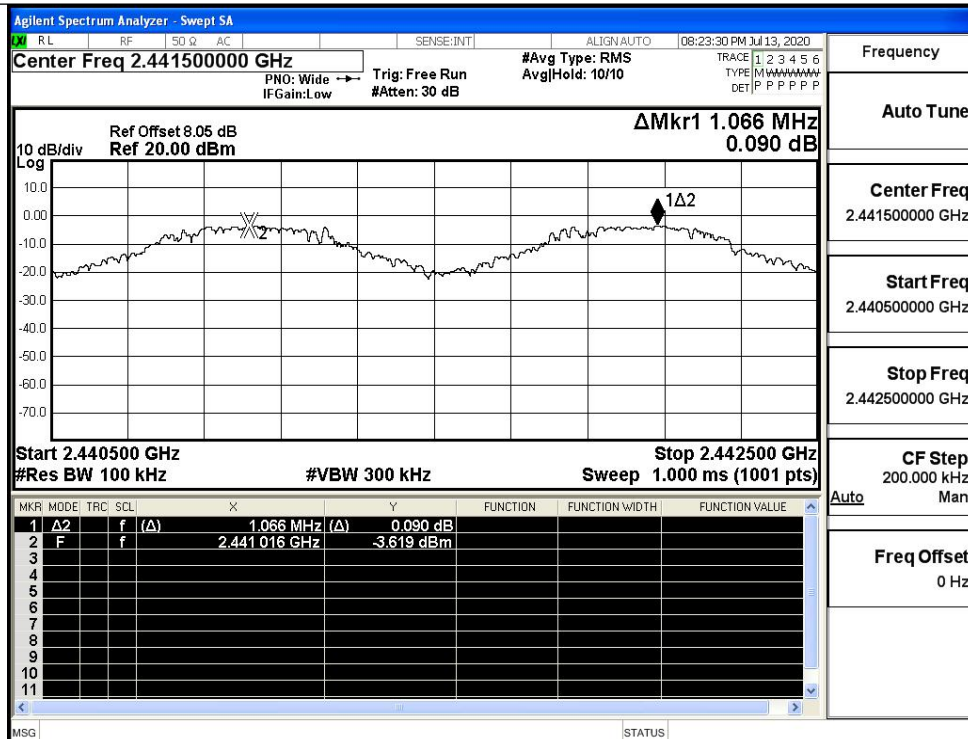
8DPSK/HCH



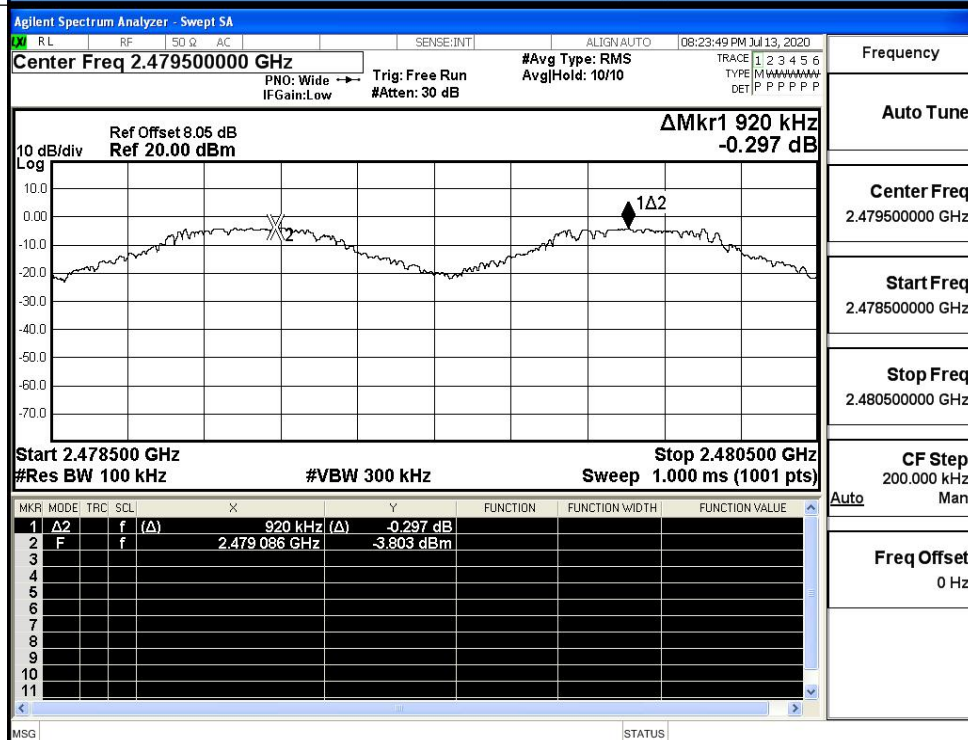
Mode	Channel.	Carrier Frequency Separation [MHz]	Limit [MHz]	Verdict
GFSK	LCH	1.034	0.685	PASS
	MCH	1.066	0.687	PASS
	HCH	0.920	0.689	PASS
$\pi/4$ DQPSK	LCH	1.184	0.908	PASS
	MCH	1.004	0.909	PASS
	HCH	0.994	0.910	PASS
8DPSK	LCH	1.132	0.900	PASS
	MCH	0.978	0.899	PASS
	HCH	1.002	0.898	PASS

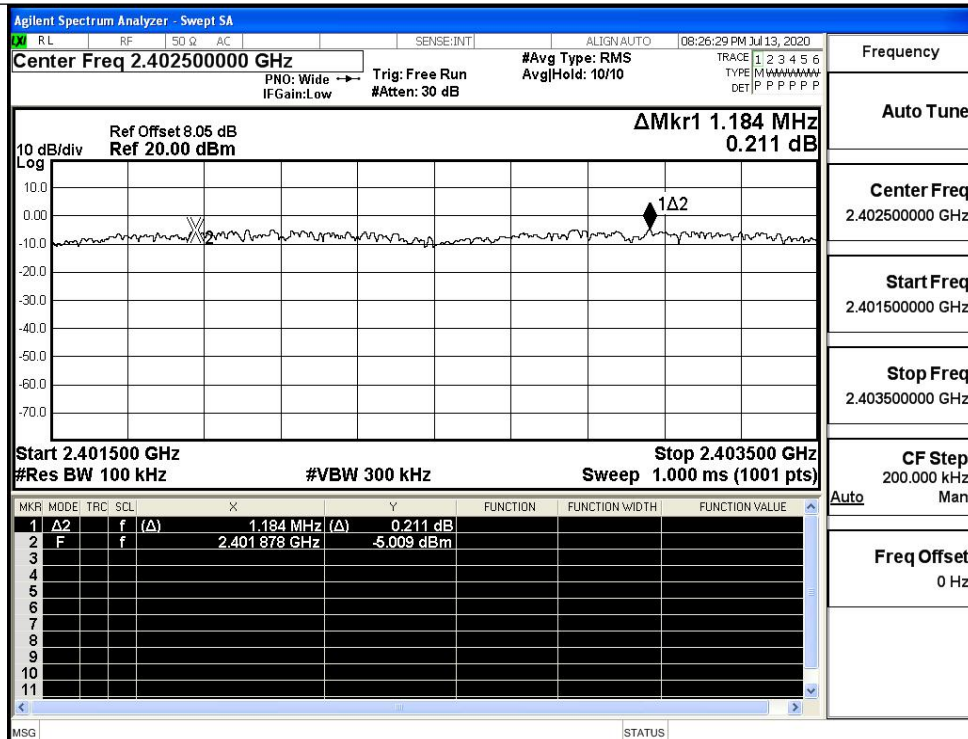
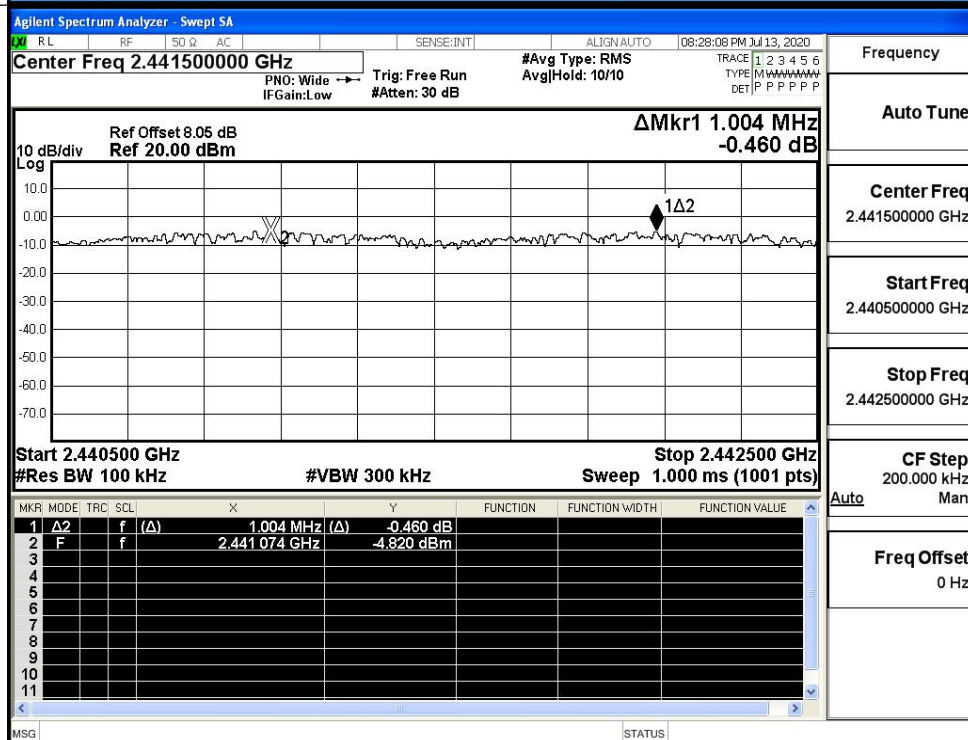


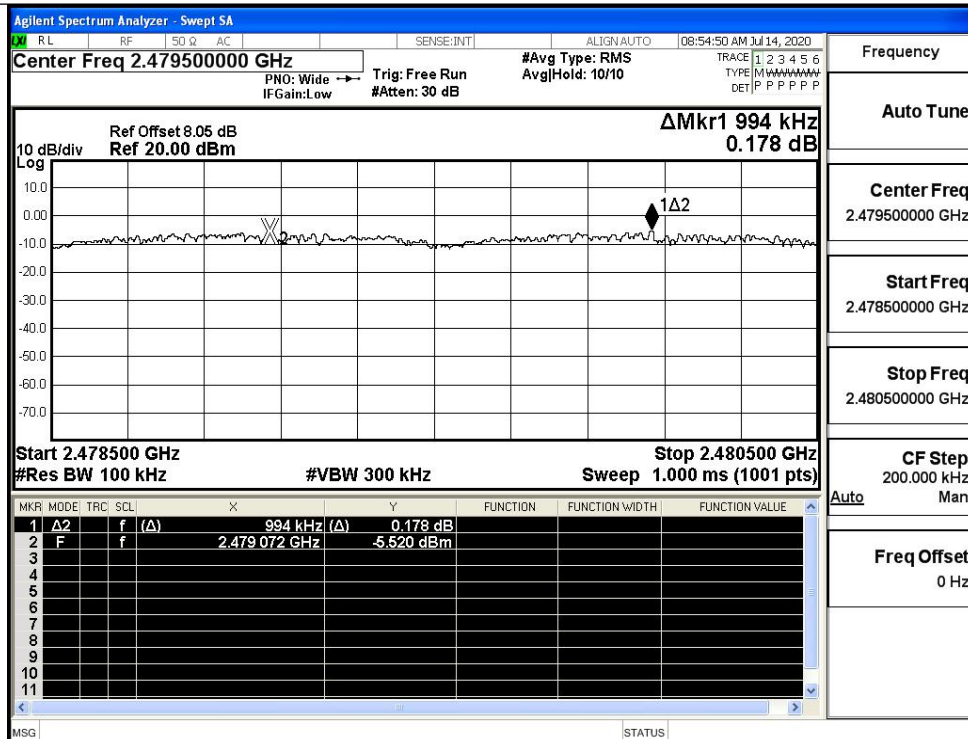
GFSK/MCH



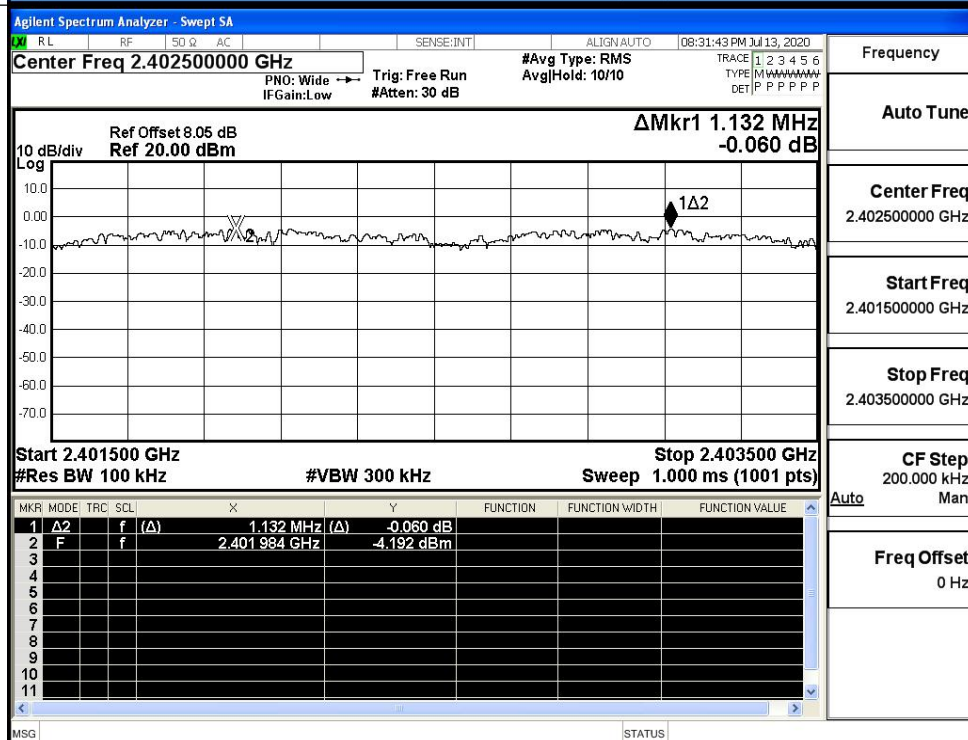
GFSK/HCH



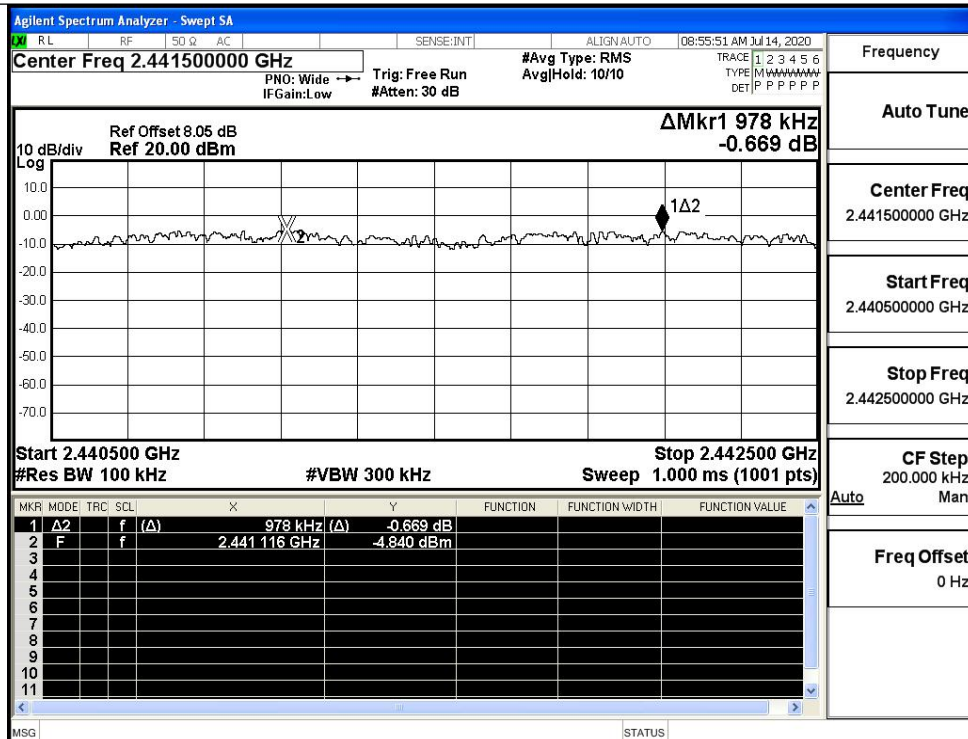
$\pi/4$ DQPSK/LCH $\pi/4$ DQPSK/MCH

$\pi/4$ DQPSK/HCH

8DPSK/LCH



8DPSK/MCH



8DPSK/HCH

