

Appendix A

RF Test Data for 2.4G WIFI (Conducted Measurement)

Product Name: 10.1inch Wireless Monitor

Trade Mark: CasaCam

Test Model: VS2100M

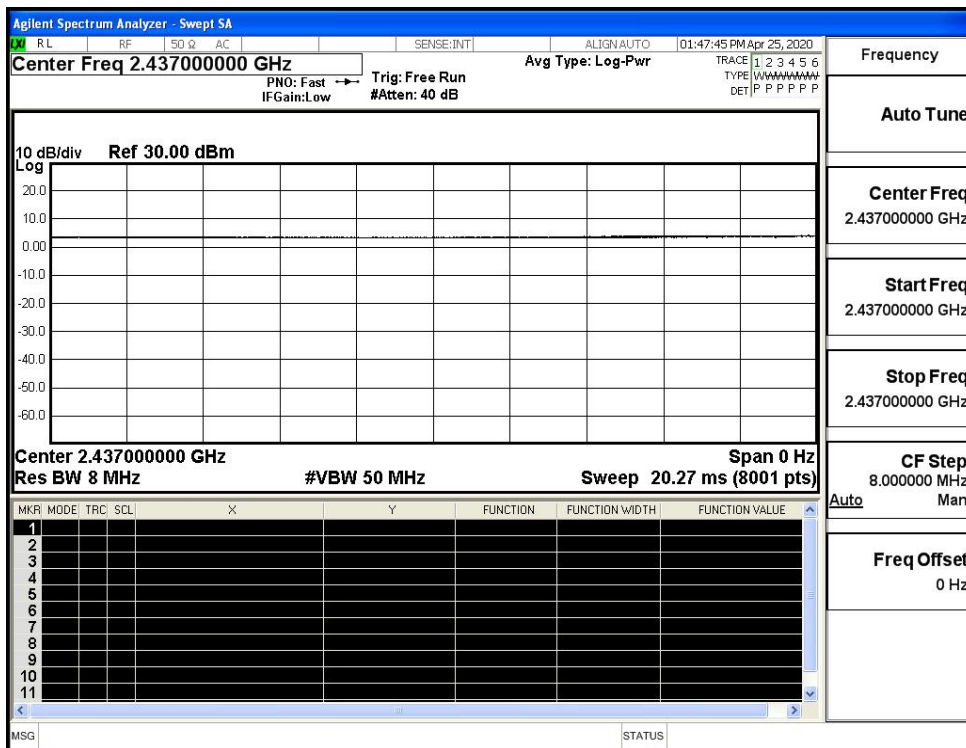
Environmental Conditions

Temperature:	23.3 ° C
Relative Humidity:	52.7%
ATM Pressure:	100.0 kPa
Test Engineer:	Scout Wu
Supervised by:	Li Huan

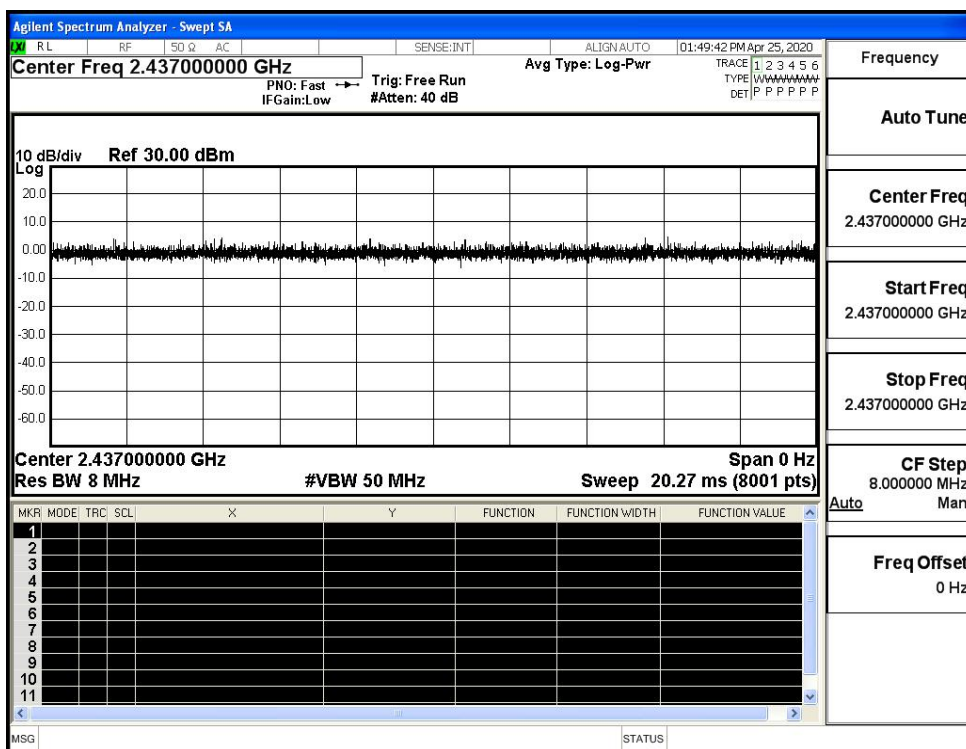
Test Mode	Test Channel	Ant	Duty Cycle[%]	Verdict
11B	2437	Ant_0	100	PASS
11G	2437	Ant_0	100	PASS
11N20	2437	Ant_0	100	PASS
11N40	2437	Ant_0	100	PASS

Test Mode	Test Channel	Ant	Duty Cycle[%]	Verdict
11B	2437	Ant_1	100	PASS
11G	2437	Ant_1	100	PASS
11N20	2437	Ant_1	100	PASS
11N40	2437	Ant_1	100	PASS

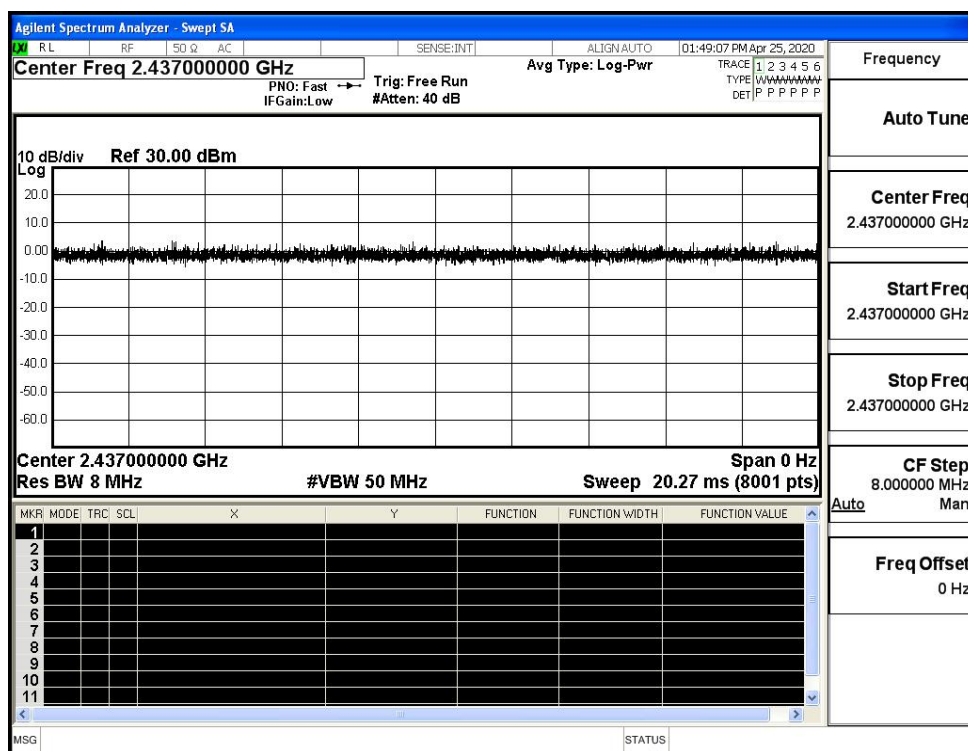
Duty Cycle_11B_2437_Ant_0



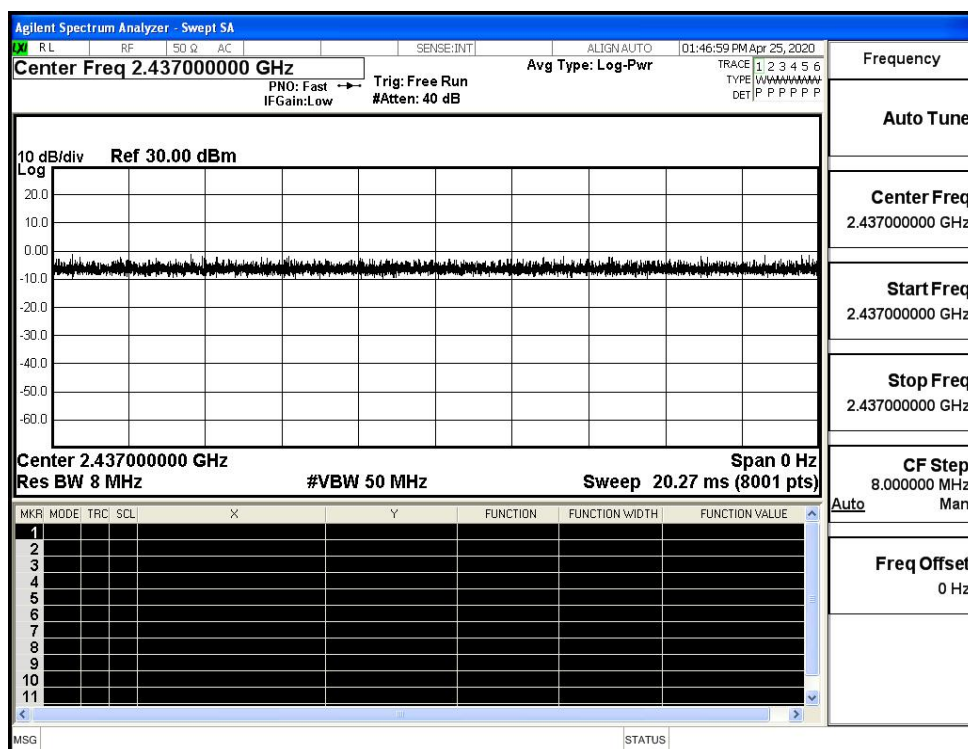
Duty Cycle_11G_2437_Ant_0



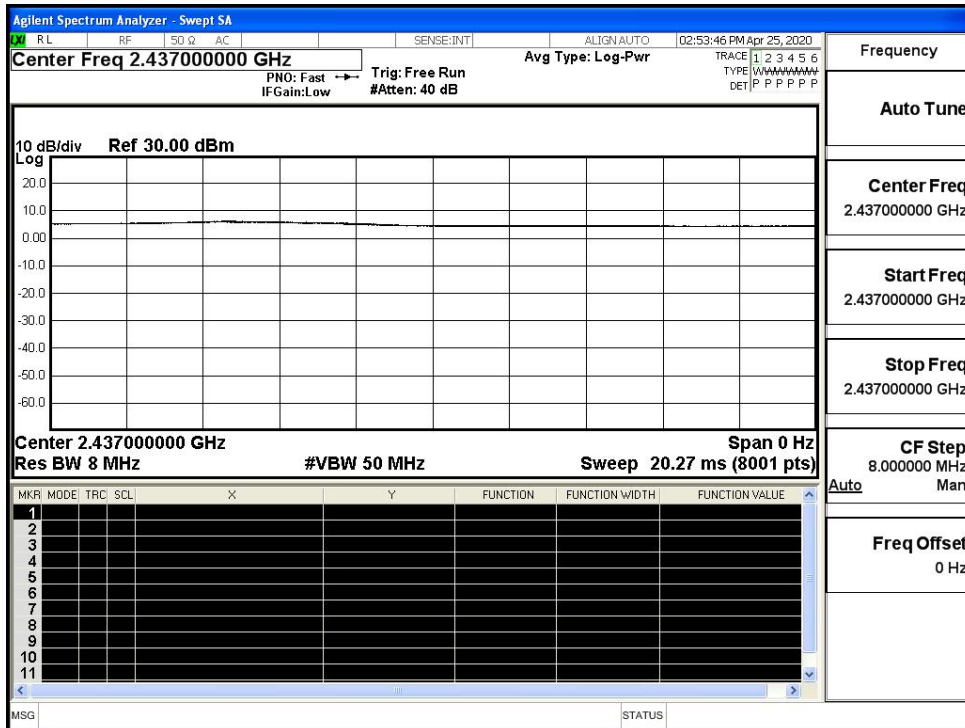
Duty Cycle_11N20SISO_2437_Ant_0



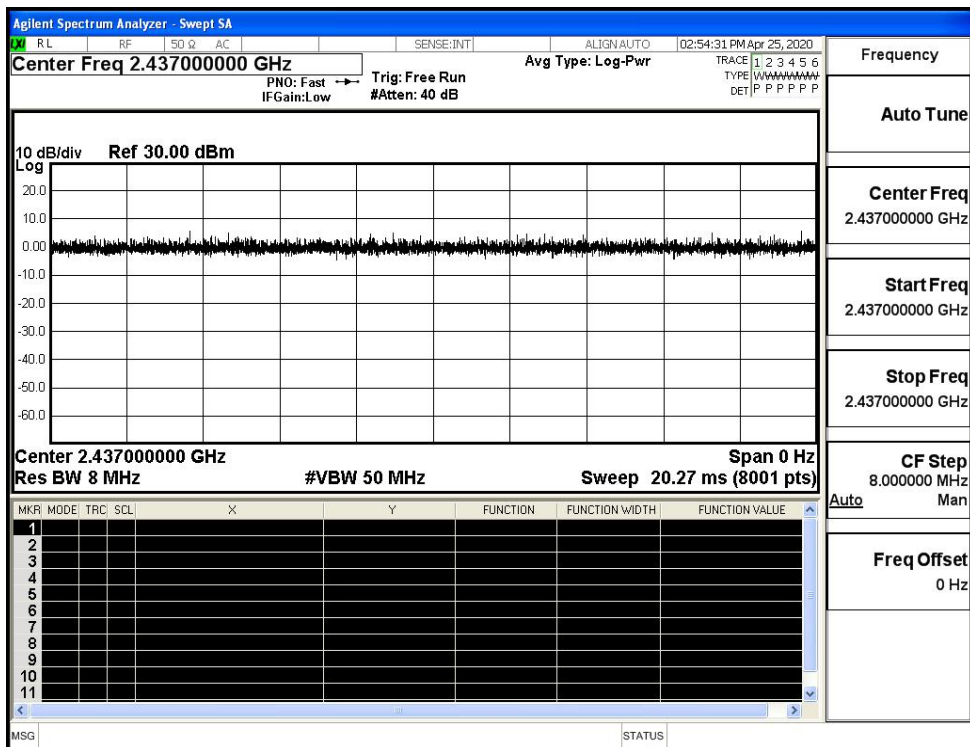
Duty Cycle_11N40SISO_2437_Ant_0



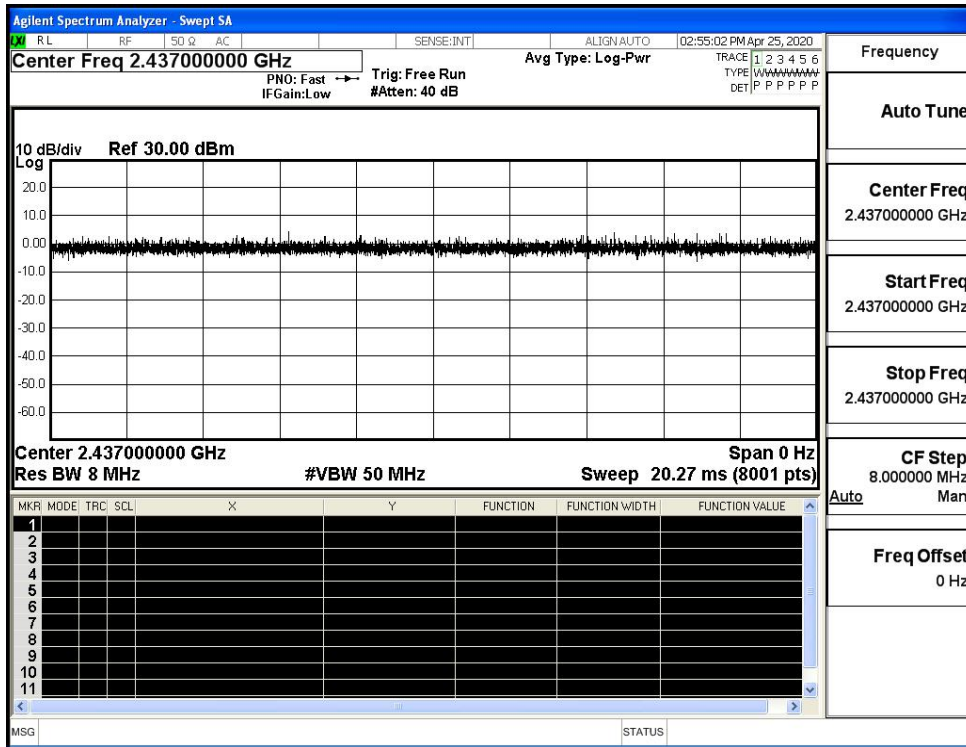
Duty Cycle_11B_2437_Ant_1



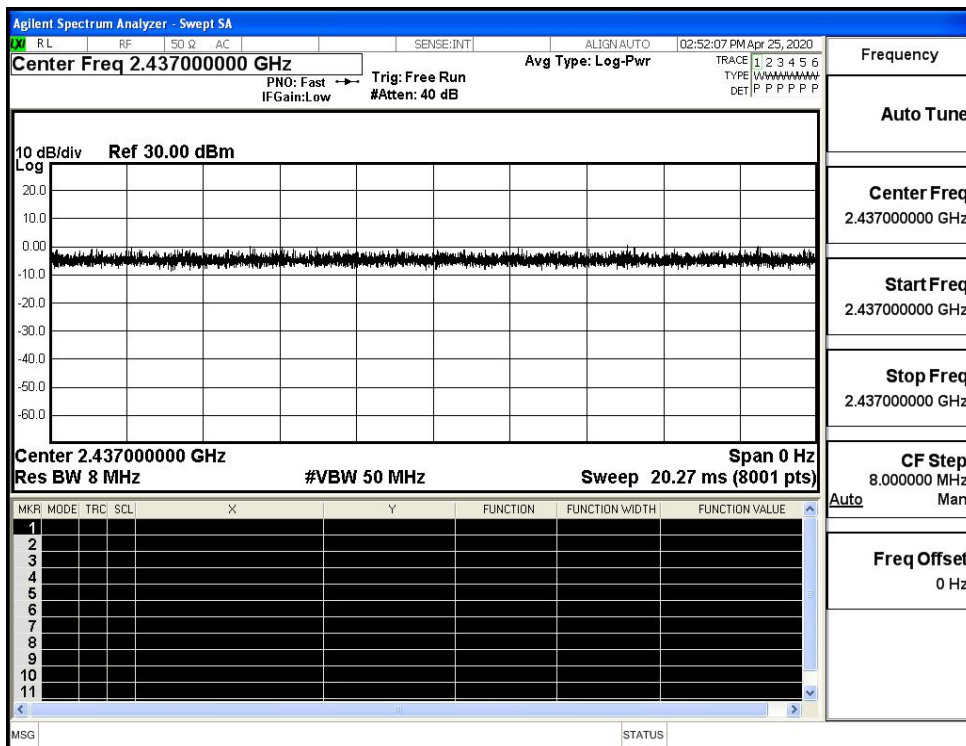
Duty Cycle_11G_2437_Ant_1



Duty Cycle_11N20SISO_2437_Ant_1



Duty Cycle_11N40SISO_2437_Ant_1



A.2 Maximum Conducted Output Power

Mode	Channel	Meas.Level [dBm]			Limit [dBm]	Verdict
		Ant_0	Ant_1	Sum		
11B	LCH	10.79	10.81	/	30	PASS
	MCH	12.41	10.44	/	30	PASS
	HCH	10.86	10.94	/	30	PASS
11G	LCH	11.28	11.24	/	30	PASS
	MCH	10.59	12.67	/	30	PASS
	HCH	11.29	11.67	/	30	PASS
11N20SISO	LCH	10.42	10.90	13.68	27.99	PASS
	MCH	13.14	11.89	15.57	27.99	PASS
	HCH	10.36	10.26	13.32	27.99	PASS
11N40SISO	LCH	10.21	13.88	15.43	27.99	PASS
	MCH	12.30	10.61	14.55	27.99	PASS
	HCH	11.70	11.57	14.65	27.99	PASS

A.3 Maximum Power Spectral Density

Ant_0

Mode	Channel	Meas.Level [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
11B	LCH	-14.799	8	PASS
	MCH	-12.317	8	PASS
	HCH	-13.733	8	PASS
11G	LCH	-21.975	8	PASS
	MCH	-23.242	8	PASS
	HCH	-21.330	8	PASS
11N20SISO	LCH	-22.798	8	PASS
	MCH	-19.669	8	PASS
	HCH	-23.022	8	PASS
11N40SISO	LCH	-21.383	8	PASS
	MCH	-22.788	8	PASS
	HCH	-23.641	8	PASS

Ant_1

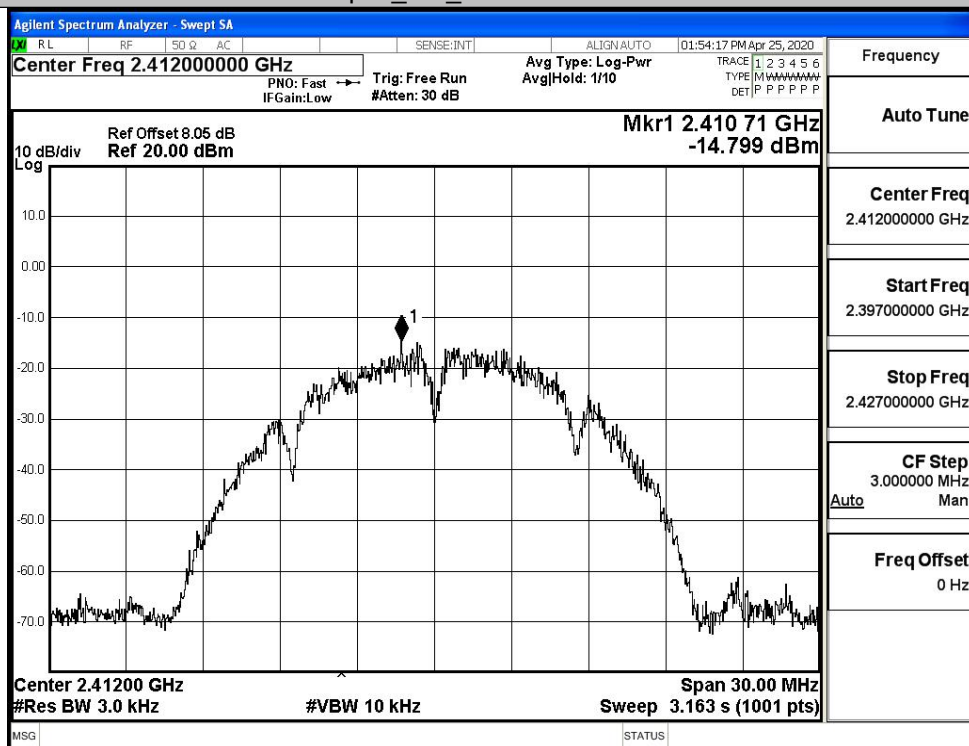
Mode	Channel	Meas.Level [dBm/3KHz]	Limit [dBm/3KHz]	Verdict
11B	LCH	-14.695	8	PASS
	MCH	-14.926	8	PASS
	HCH	-15.192	8	PASS
11G	LCH	-23.932	8	PASS
	MCH	-21.312	8	PASS
	HCH	-21.005	8	PASS
11N20SISO	LCH	-22.359	8	PASS
	MCH	-21.792	8	PASS
	HCH	-22.667	8	PASS
11N40SISO	LCH	-21.889	8	PASS
	MCH	-25.417	8	PASS
	HCH	-23.243	8	PASS

Combined Ant_0 and Ant_1

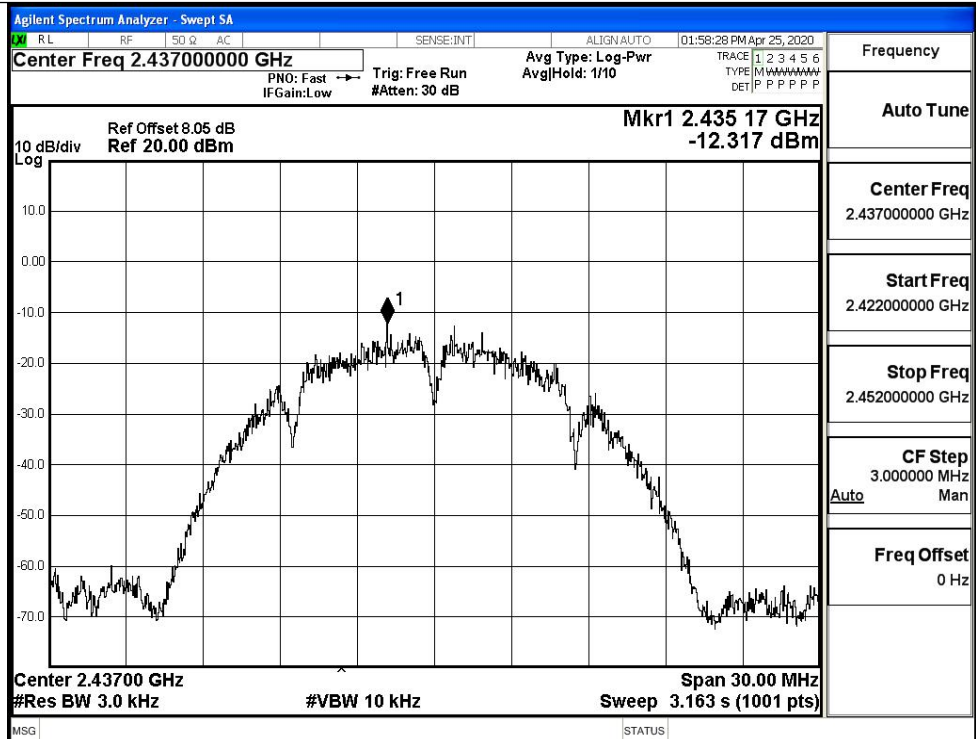
Mode	Channel	Result [dBm/3KHz]			Limit [dBm/3KHz]	Verdict
		Ant_0	Ant_1	Sum		
11N20	LCH	-22.798	-22.359	-19.563	5.99	PASS
	MCH	-19.669	-21.792	-17.592	5.99	PASS
	HCH	-23.022	-22.667	-19.831	5.99	PASS
11N40	LCH	-21.383	-21.889	-18.618	5.99	PASS
	MCH	-22.788	-25.417	-20.896	5.99	PASS
	HCH	-23.641	-23.243	-20.427	5.99	PASS

Test Graphs_Ant_0

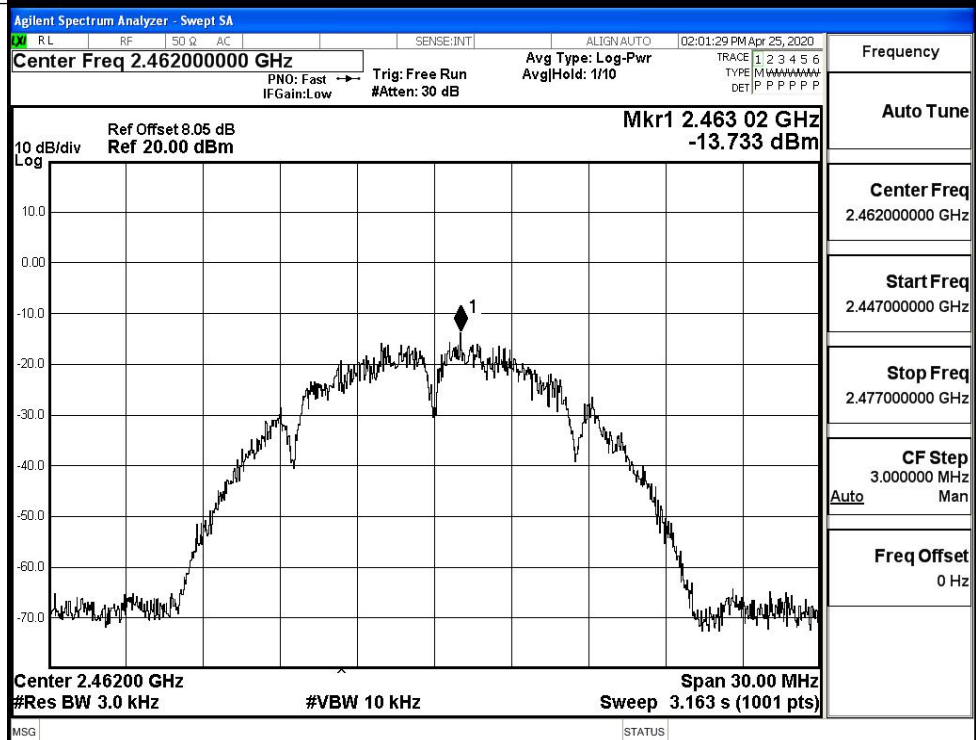
11B/LCH



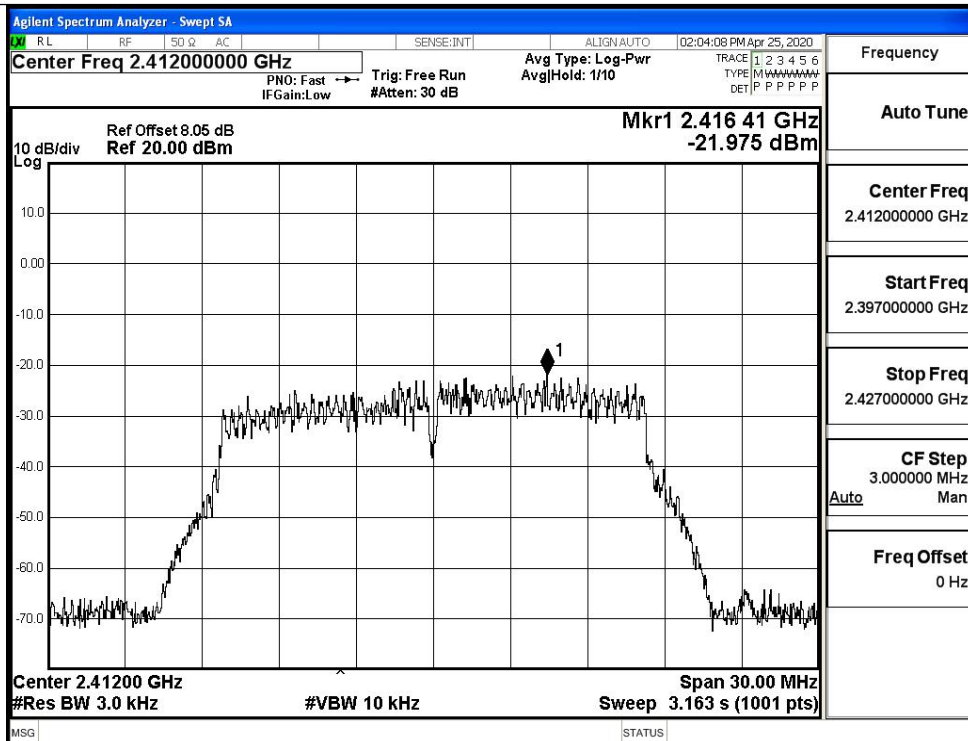
11B/MCH



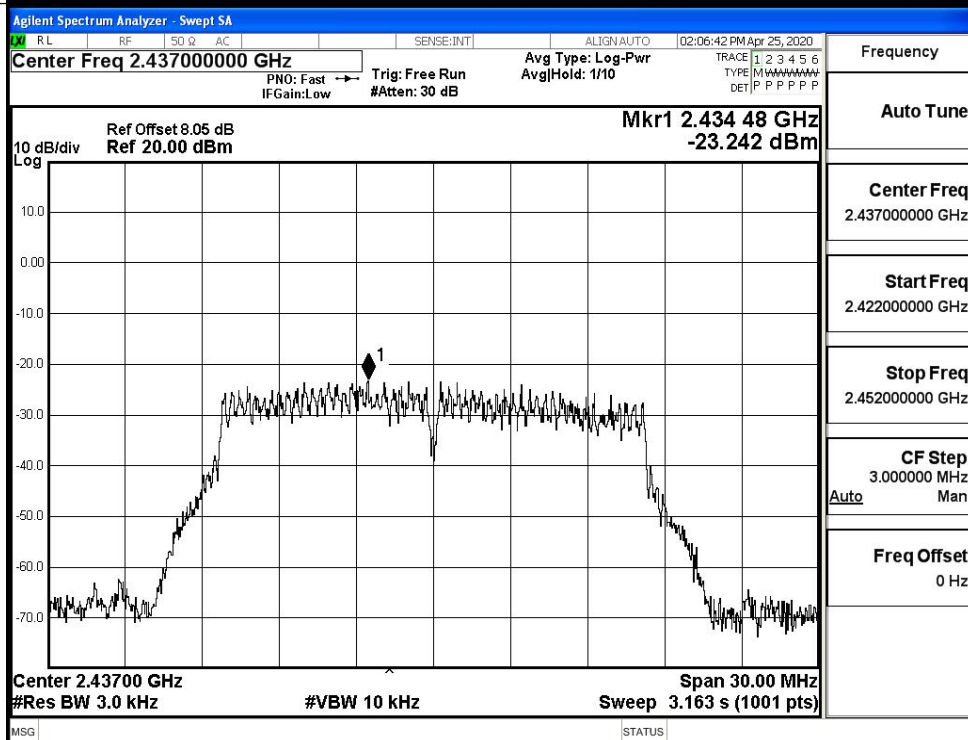
11B/HCH



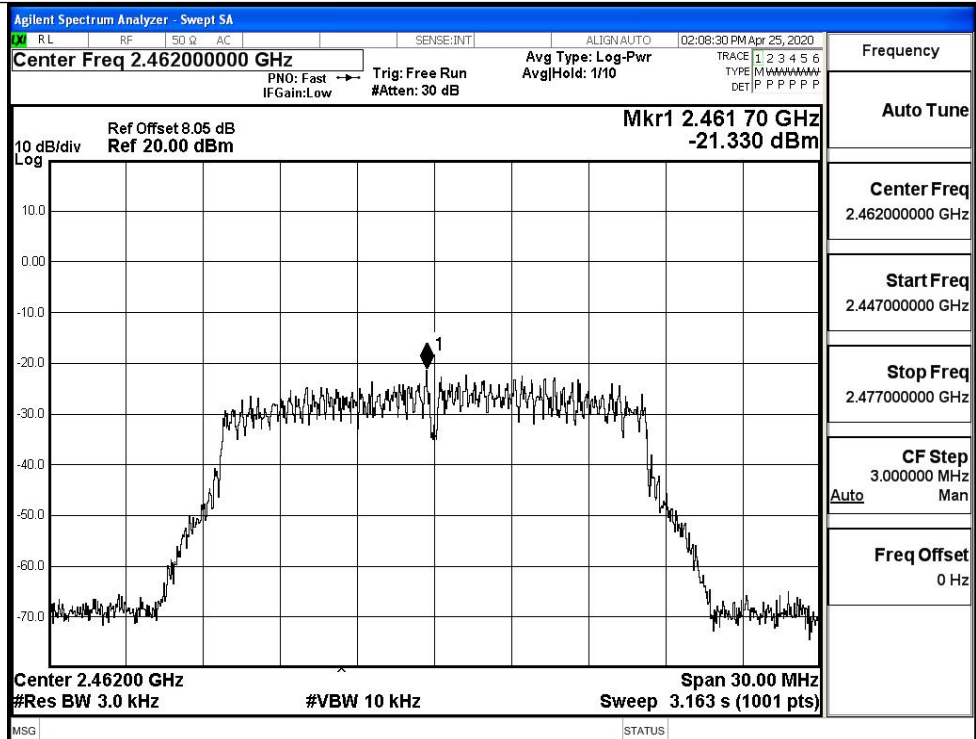
11G/LCH



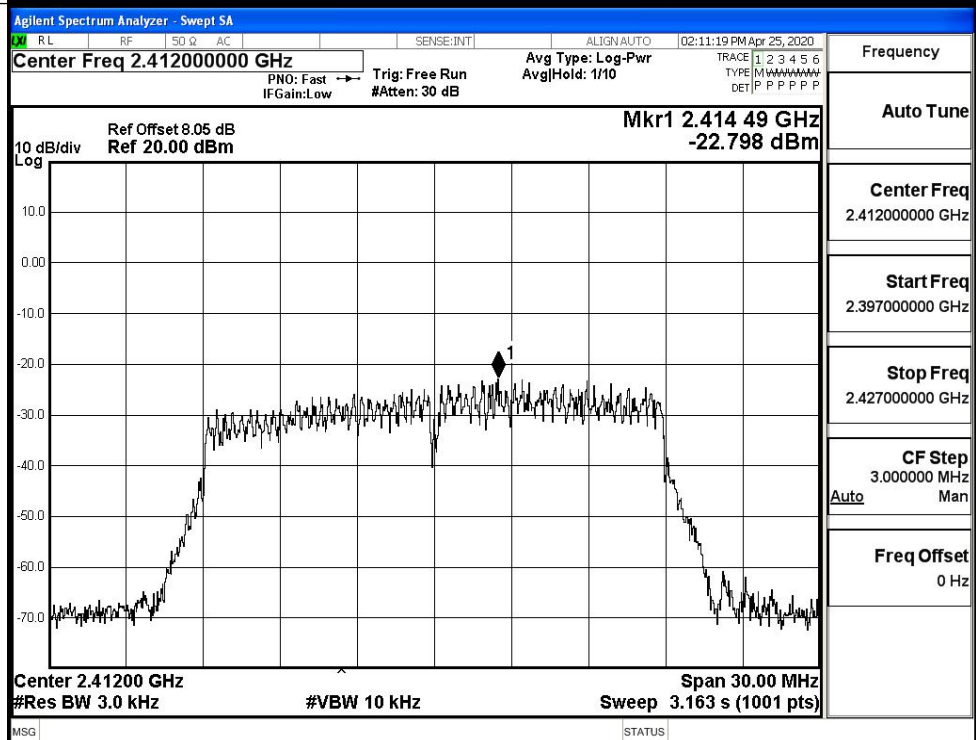
11G/MCH



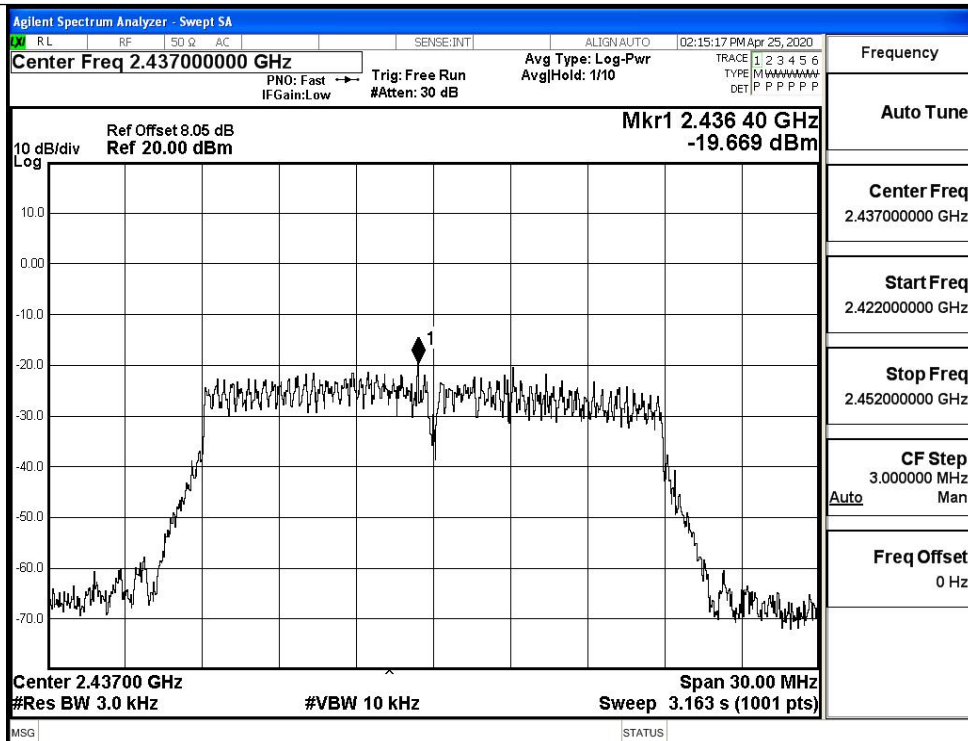
11G/HCH



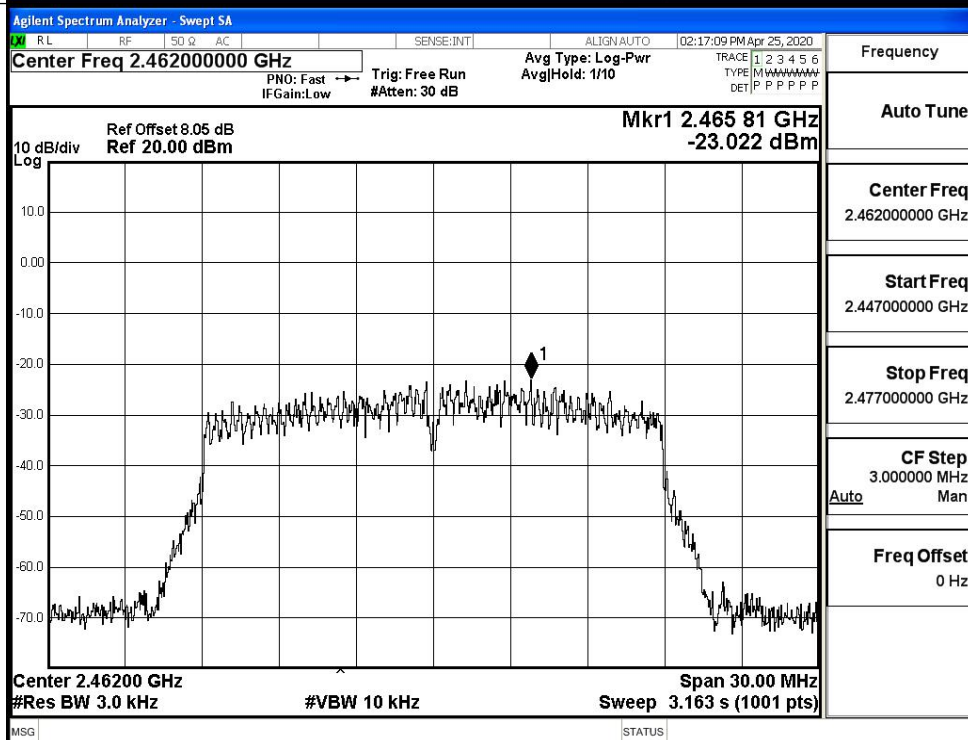
11N20SISO/LCH



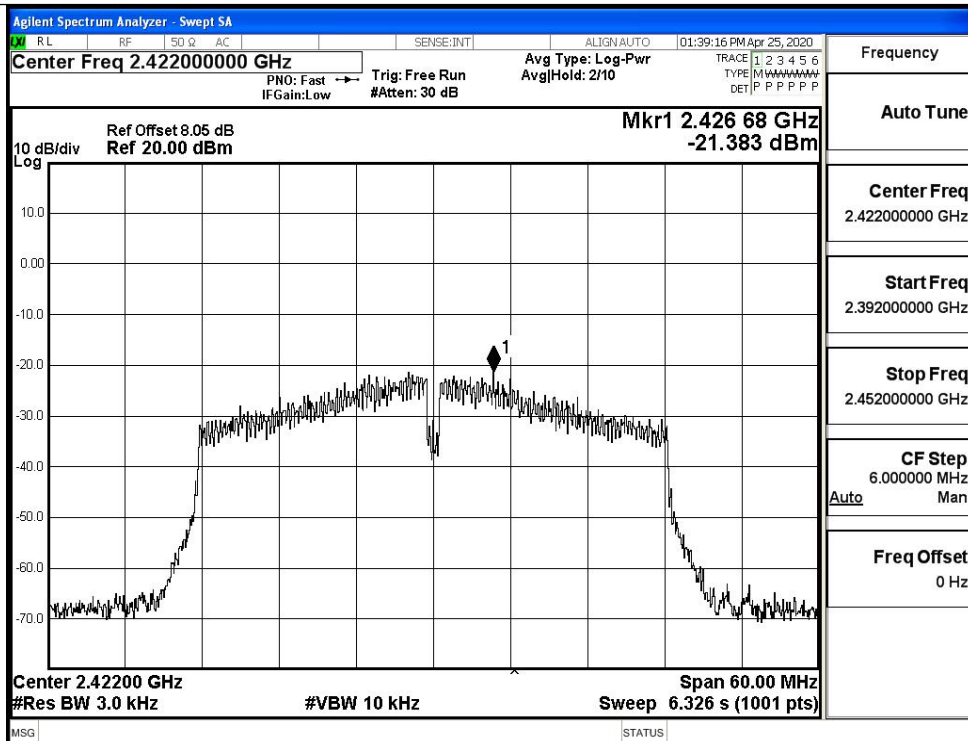
11N20SISO/MCH



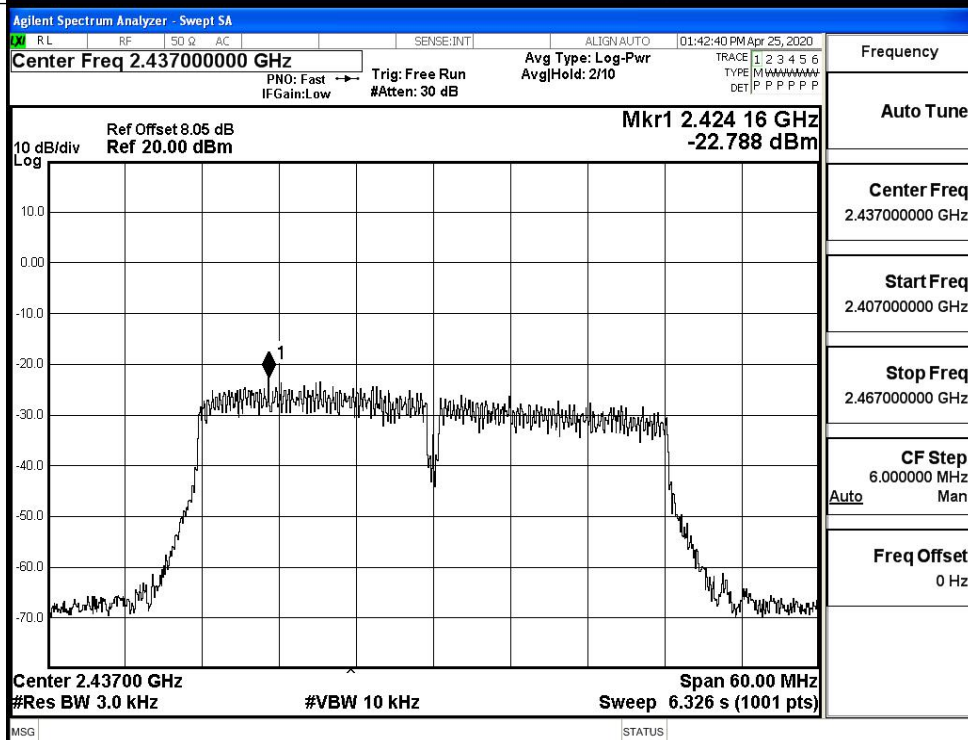
11N20SISO/HCH



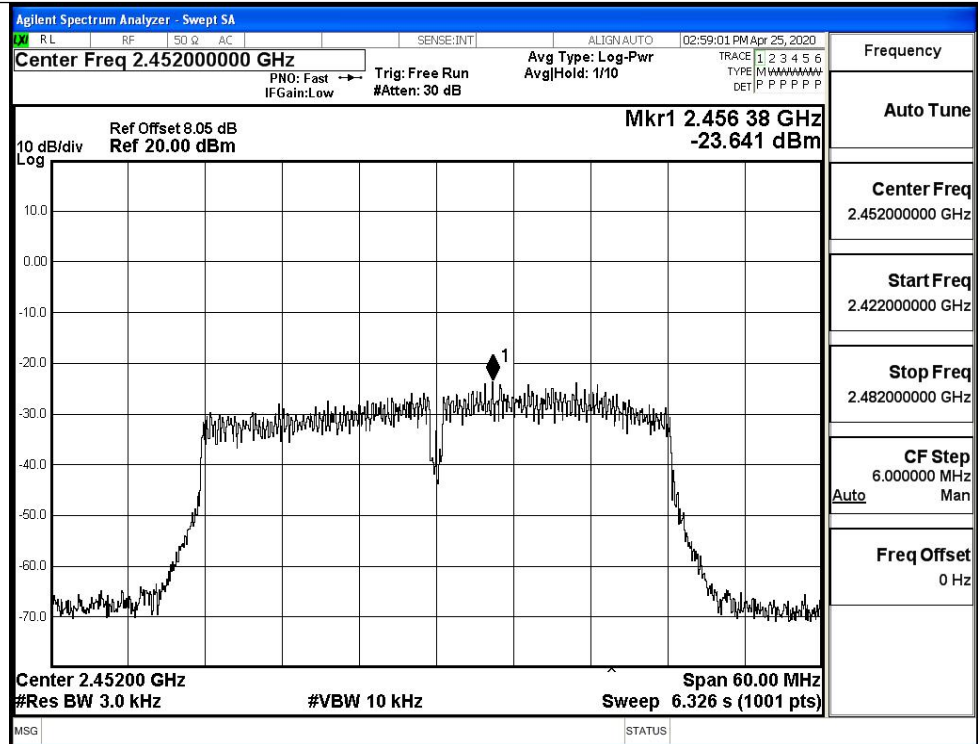
11N40SISO/LCH



11N40SISO/MCH

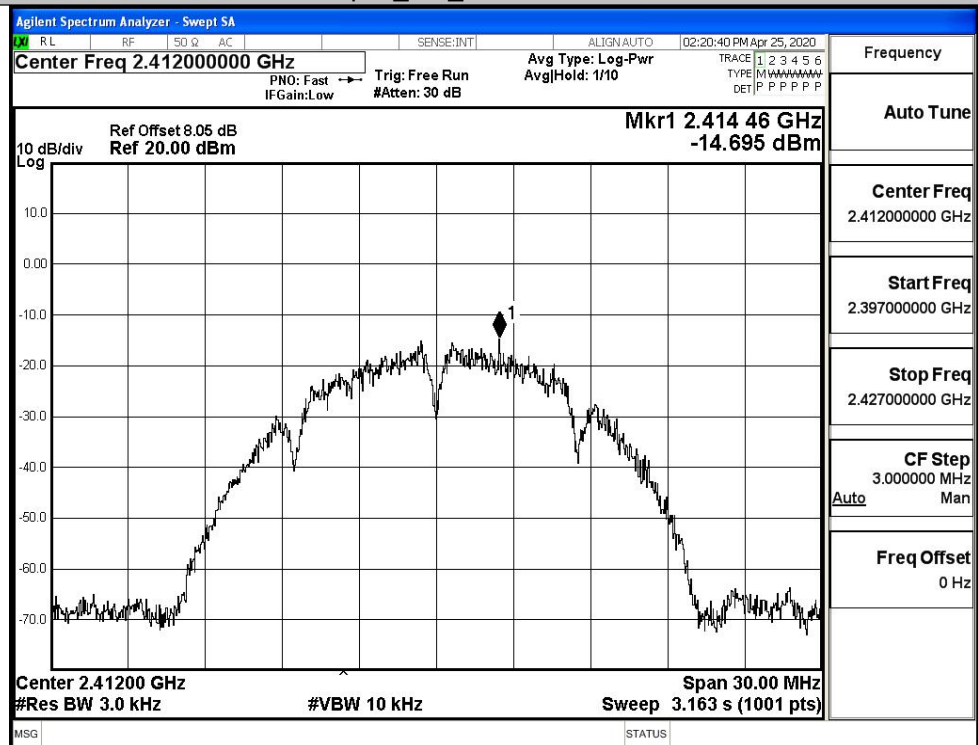


11N40SISO/HCH

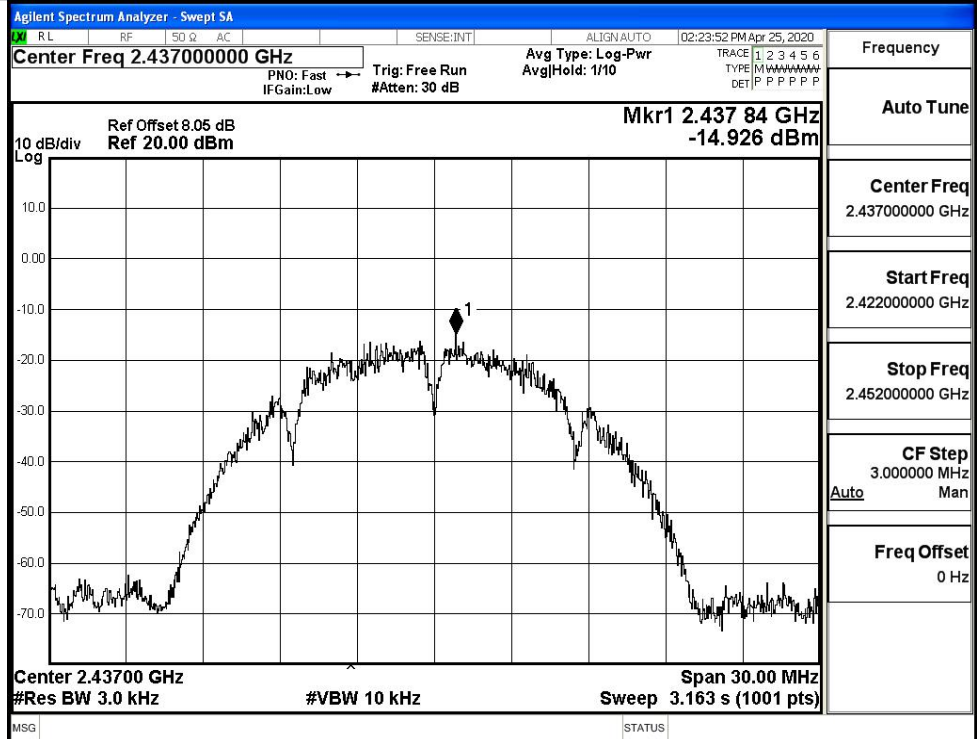


Test Graphs_Ant_1

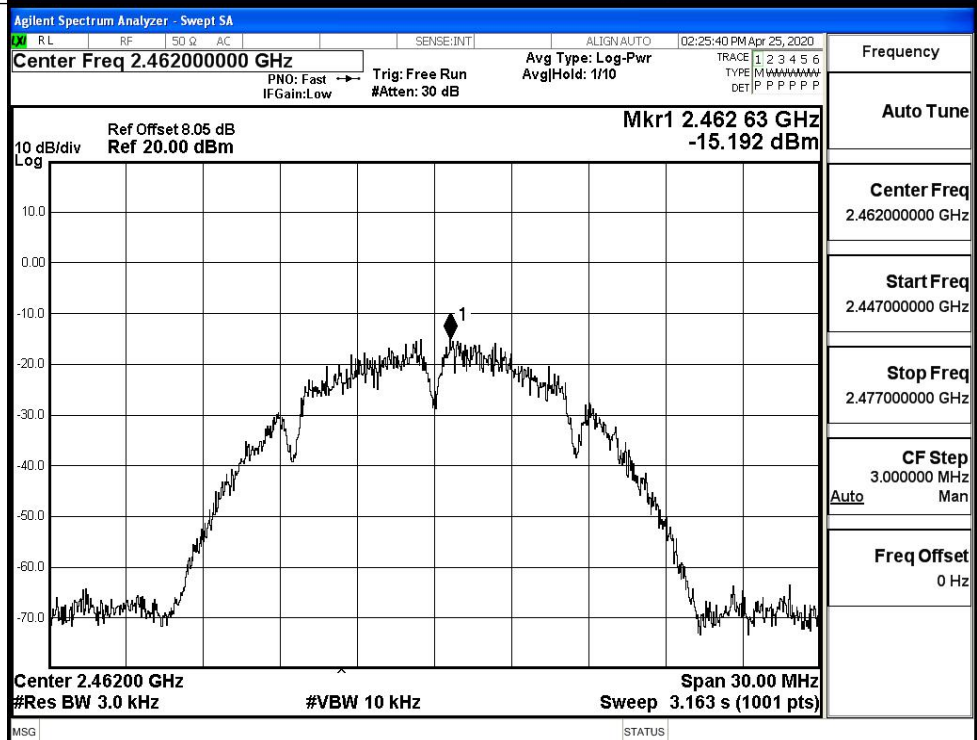
11B/LCH



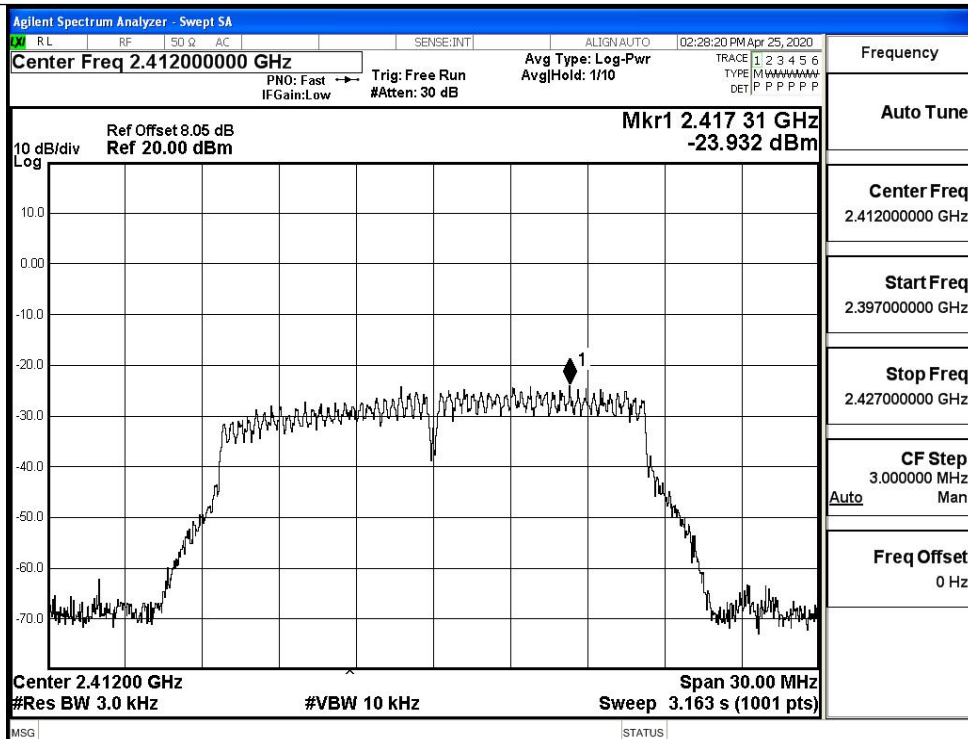
11B/MCH



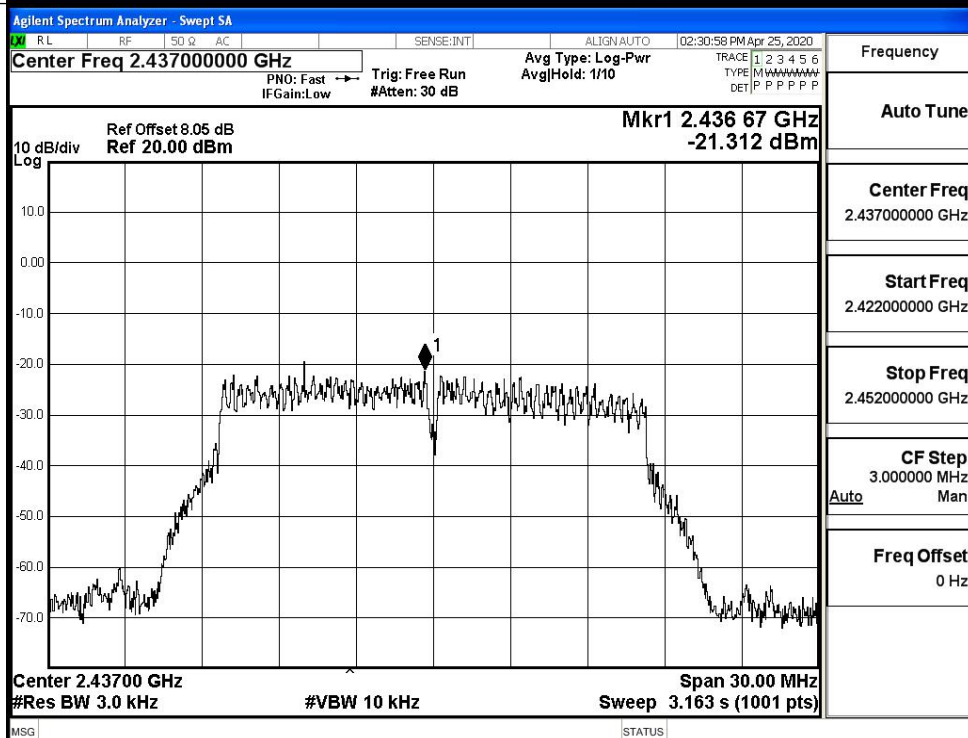
11B/HCH



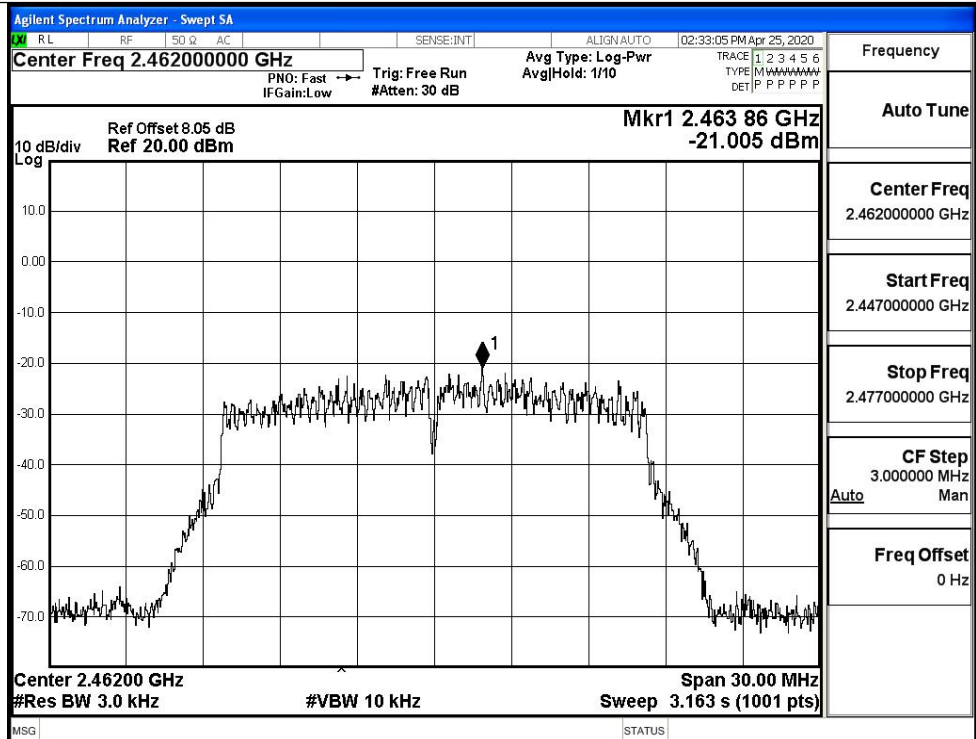
11G/LCH



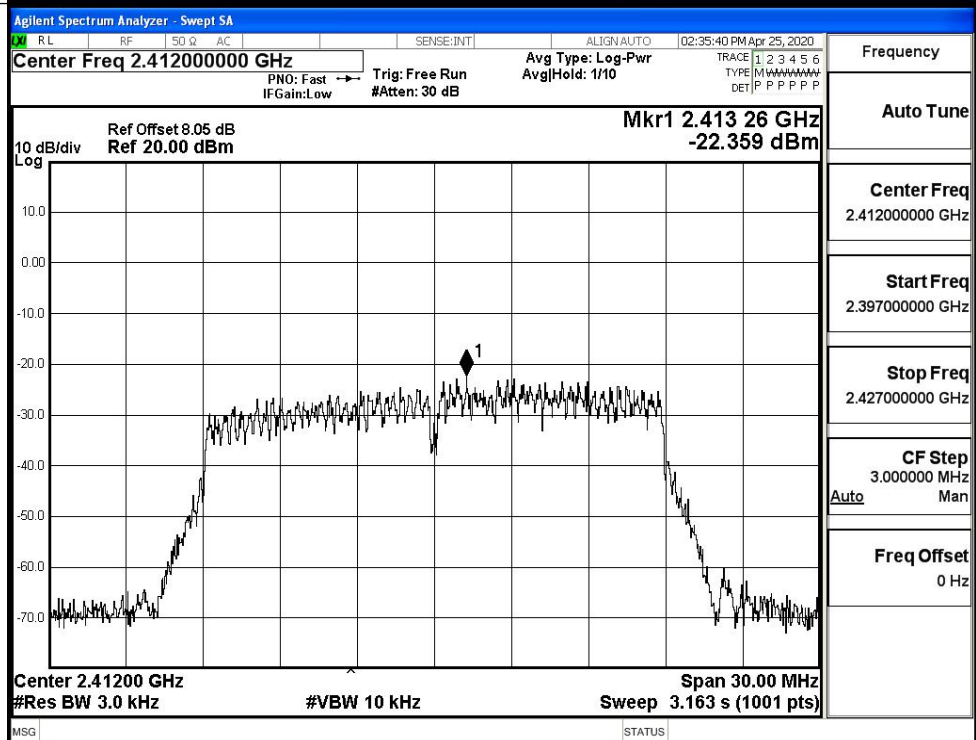
11G/MCH



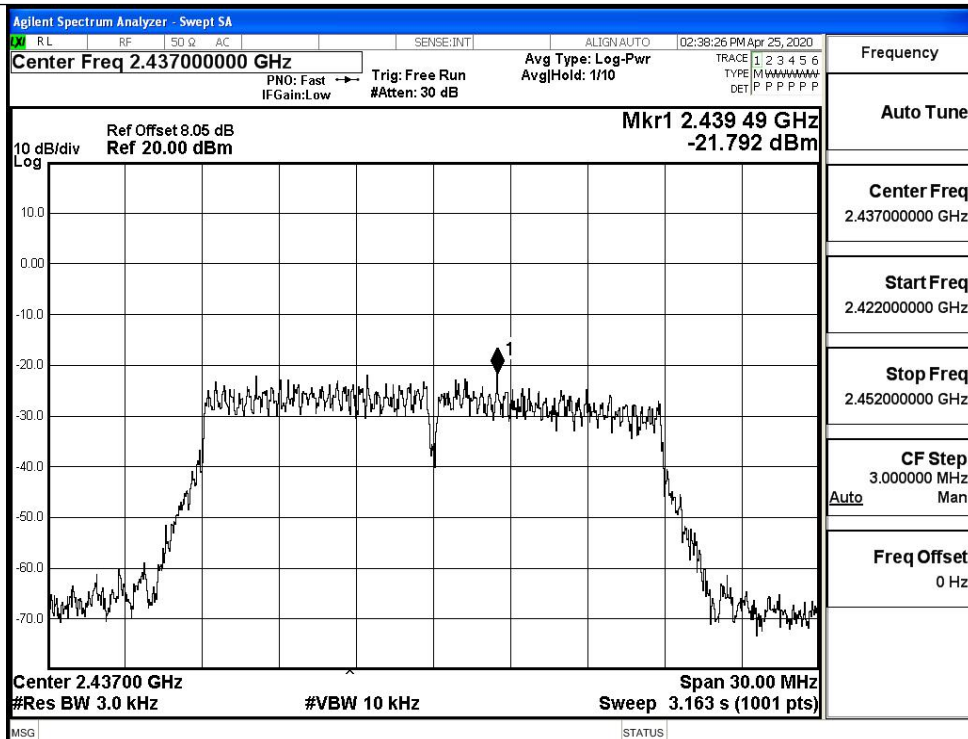
11G/HCH



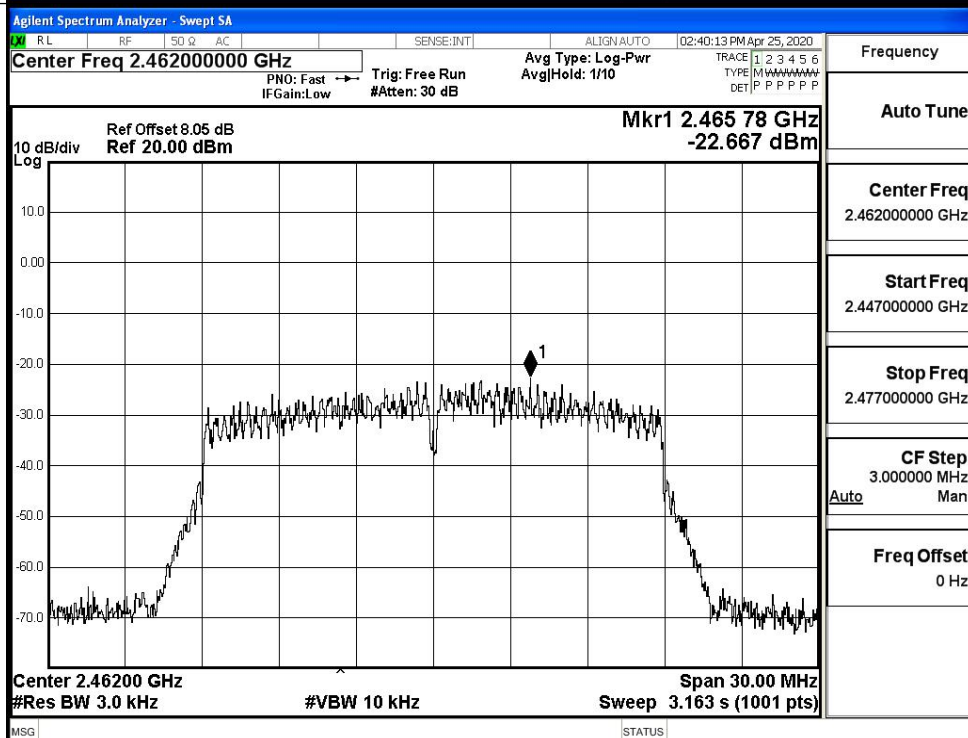
11N20SISO/LCH



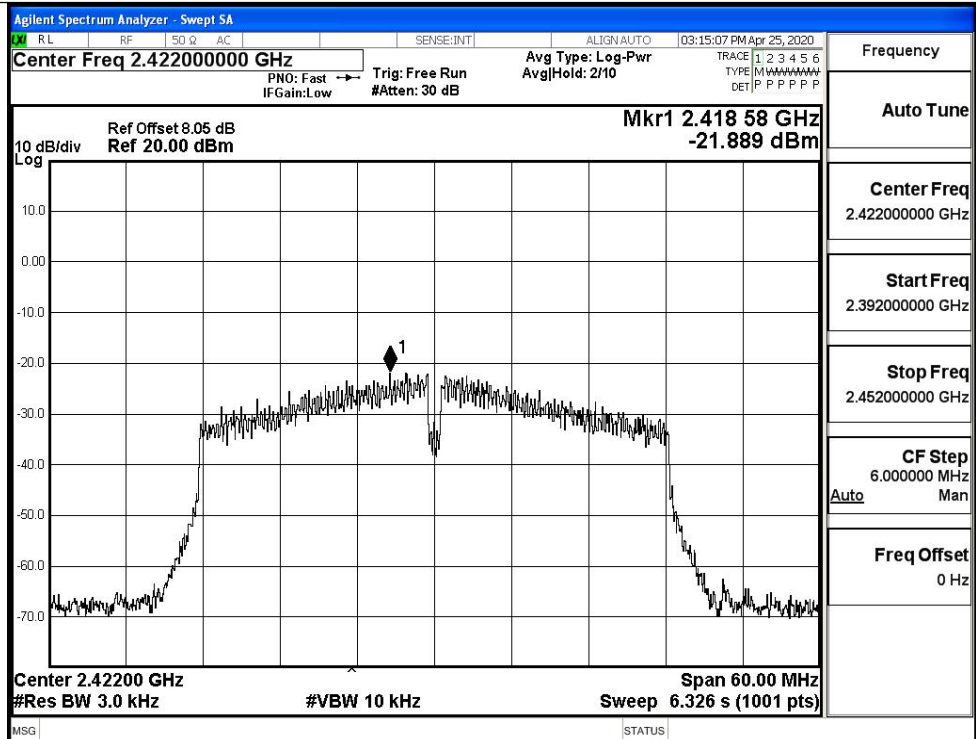
11N20SISO/MCH



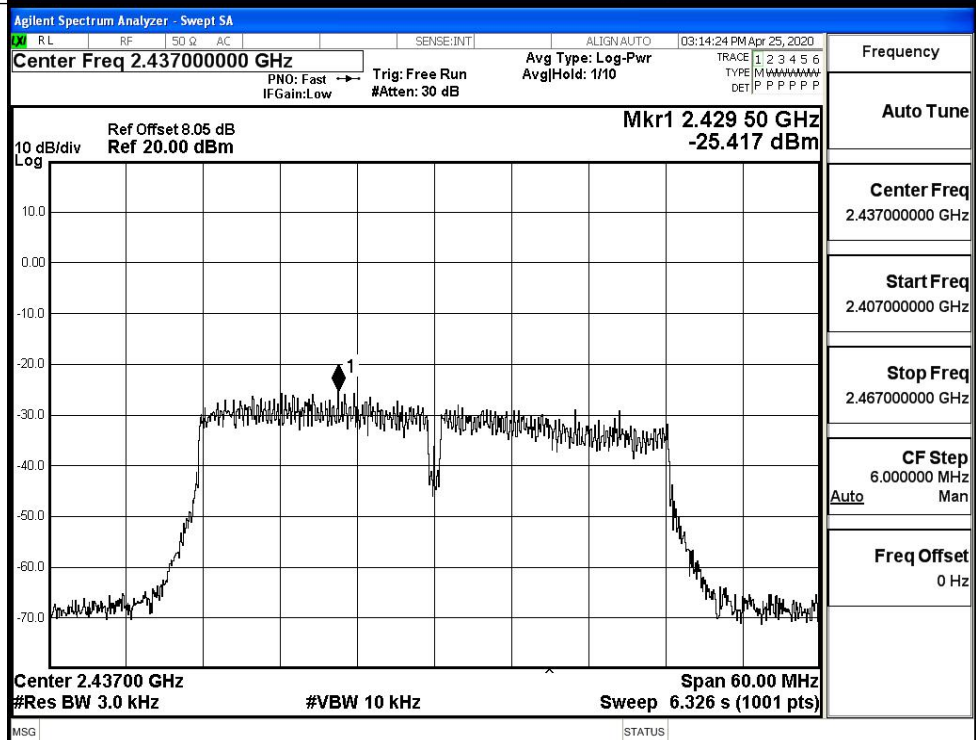
11N20SISO/HCH



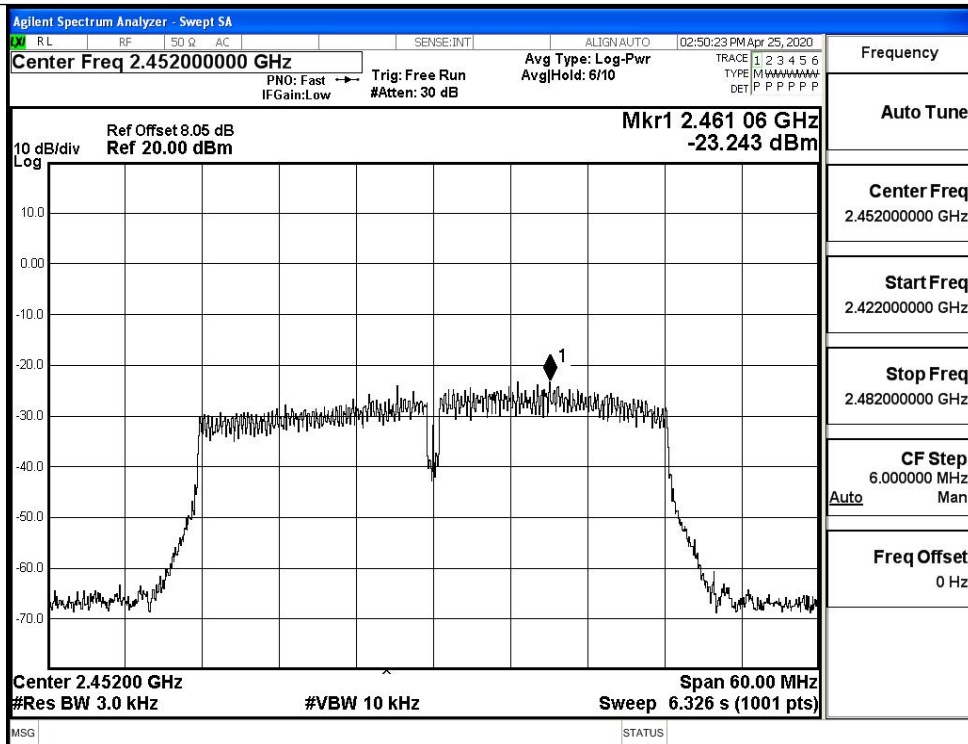
11N40SISO/LCH



11N40SISO/MCH



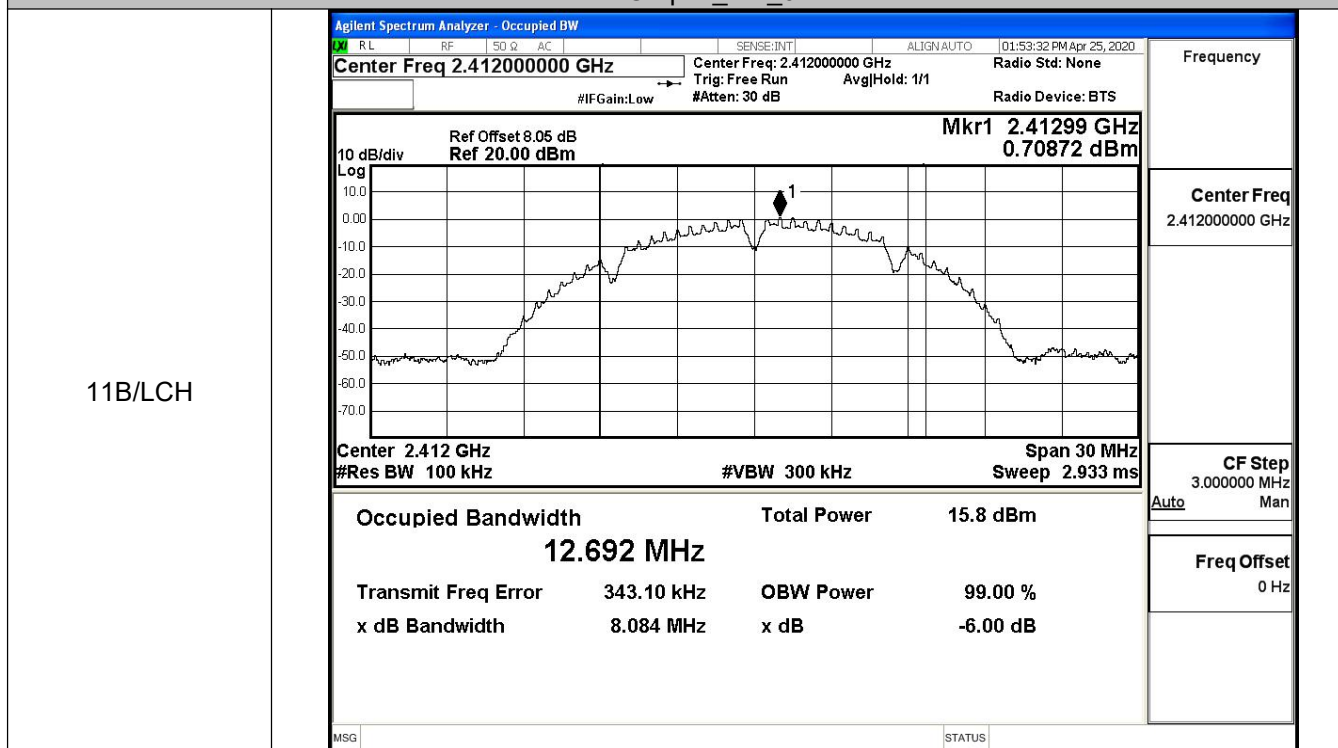
11N40SISO/HCH



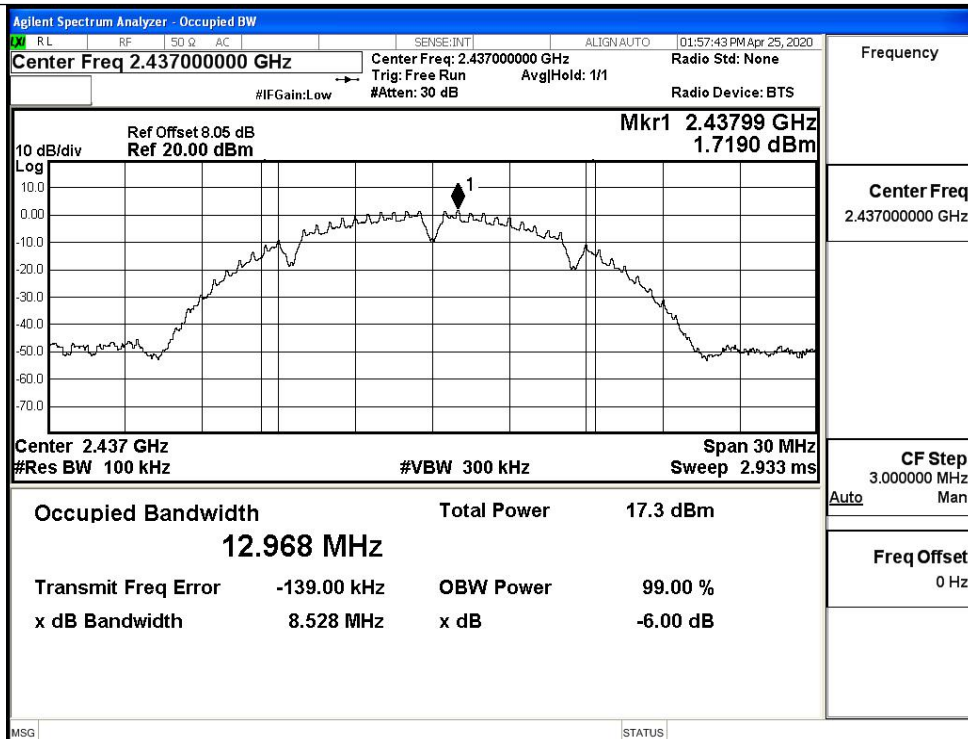
A.4 6dB Bandwidth

Mode	Channel	6dB Bandwidth [MHz]		Limit [MHz]	Verdict
		Ant_0	Ant_1		
11B	LCH	8.084	8.093	≥ 0.5	PASS
	MCH	8.528	8.104	≥ 0.5	PASS
	HCH	7.591	8.075	≥ 0.5	PASS
11G	LCH	15.56	15.67	≥ 0.5	PASS
	MCH	16.47	16.47	≥ 0.5	PASS
	HCH	15.69	15.54	≥ 0.5	PASS
11N20SISO	LCH	16.45	16.42	≥ 0.5	PASS
	MCH	17.72	17.71	≥ 0.5	PASS
	HCH	16.70	16.16	≥ 0.5	PASS
11N40SISO	LCH	36.12	36.34	≥ 0.5	PASS
	MCH	35.54	36.42	≥ 0.5	PASS
	HCH	36.12	35.44	≥ 0.5	PASS

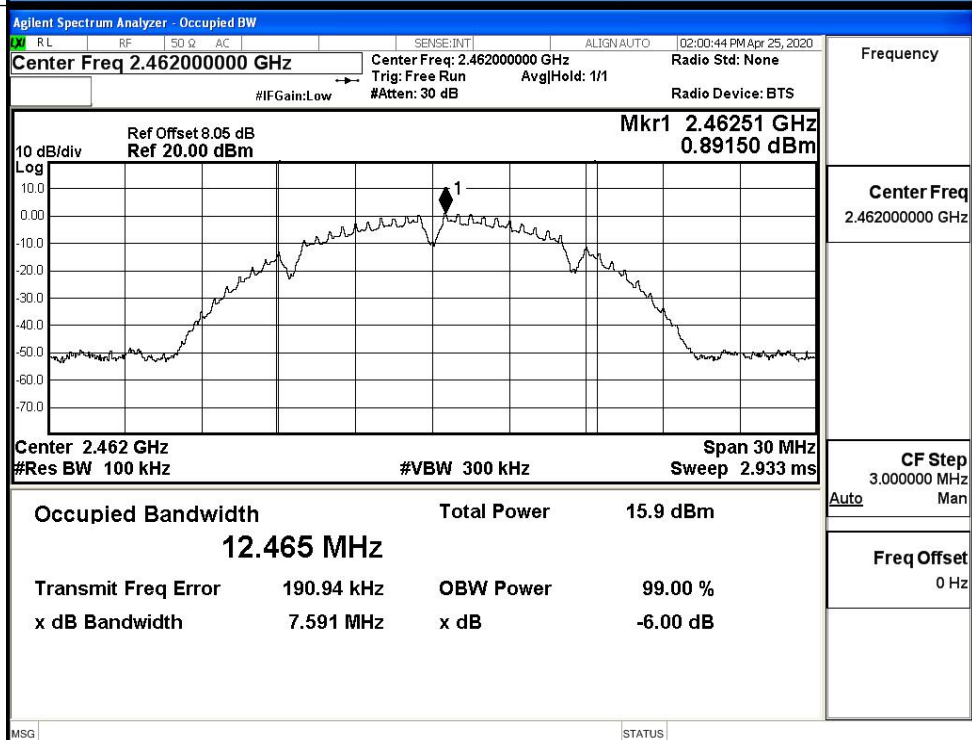
Test Graphs_Ant_0



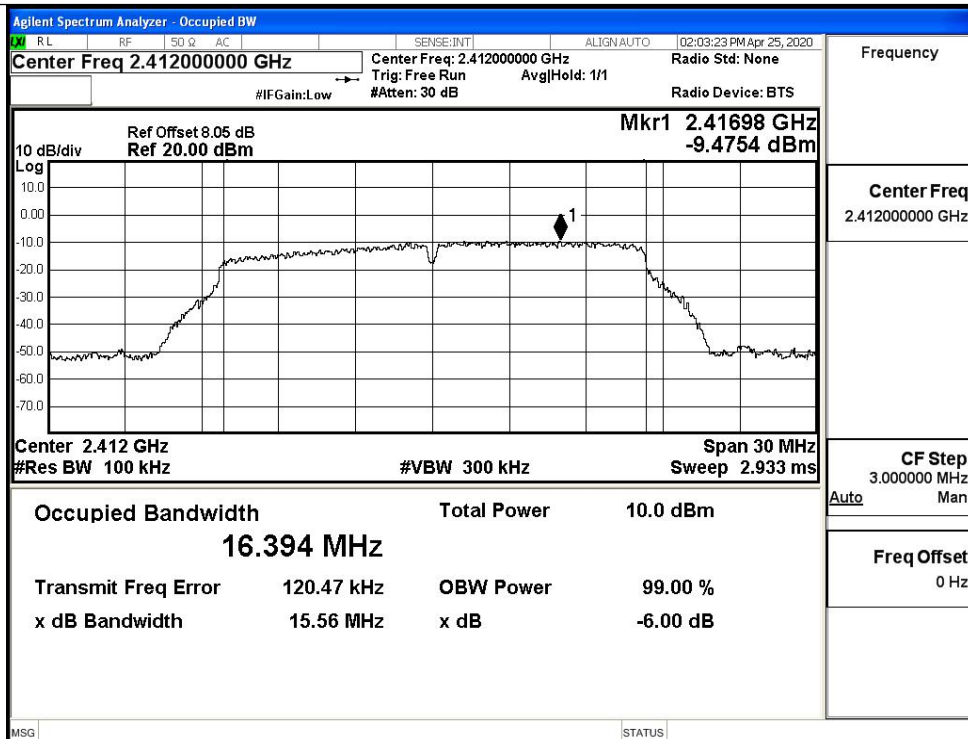
11B/MCH



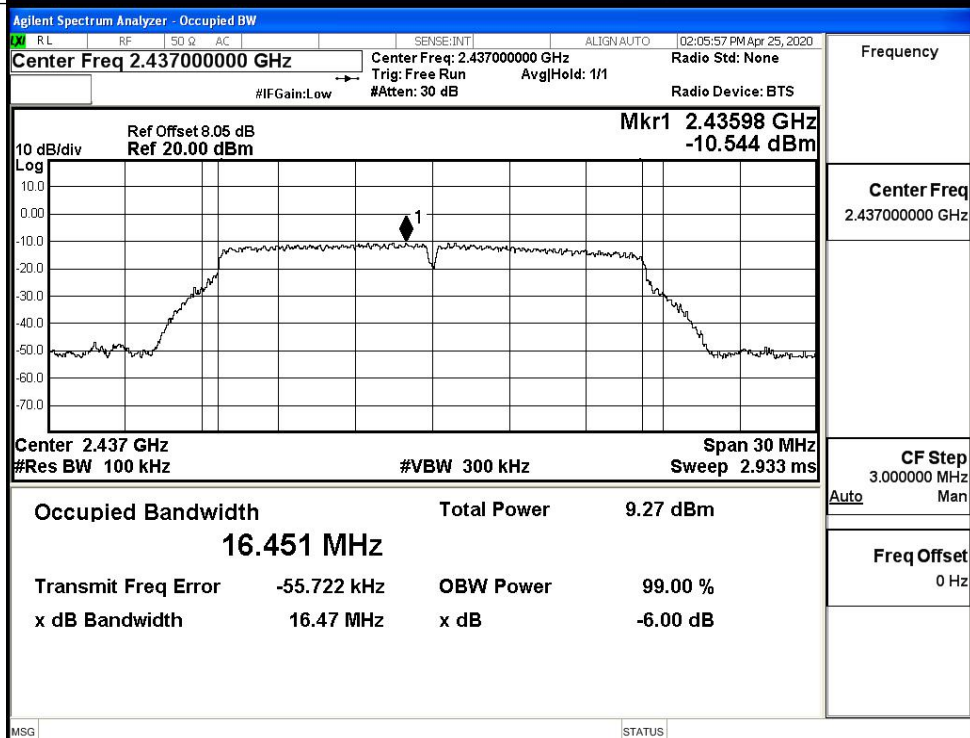
11B/HCH



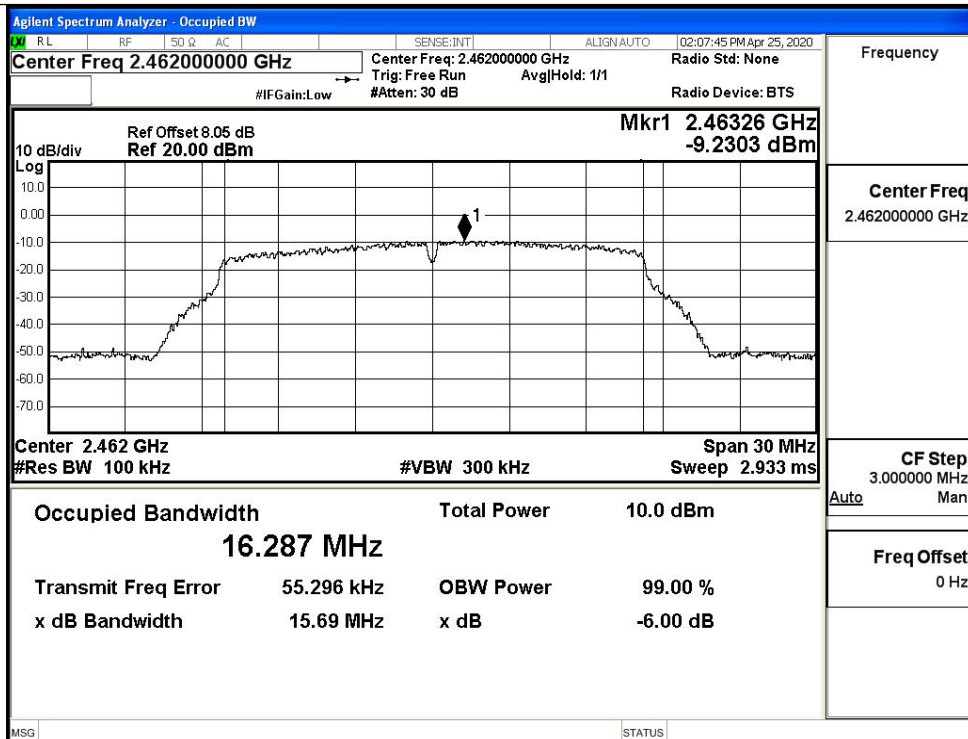
11G/LCH



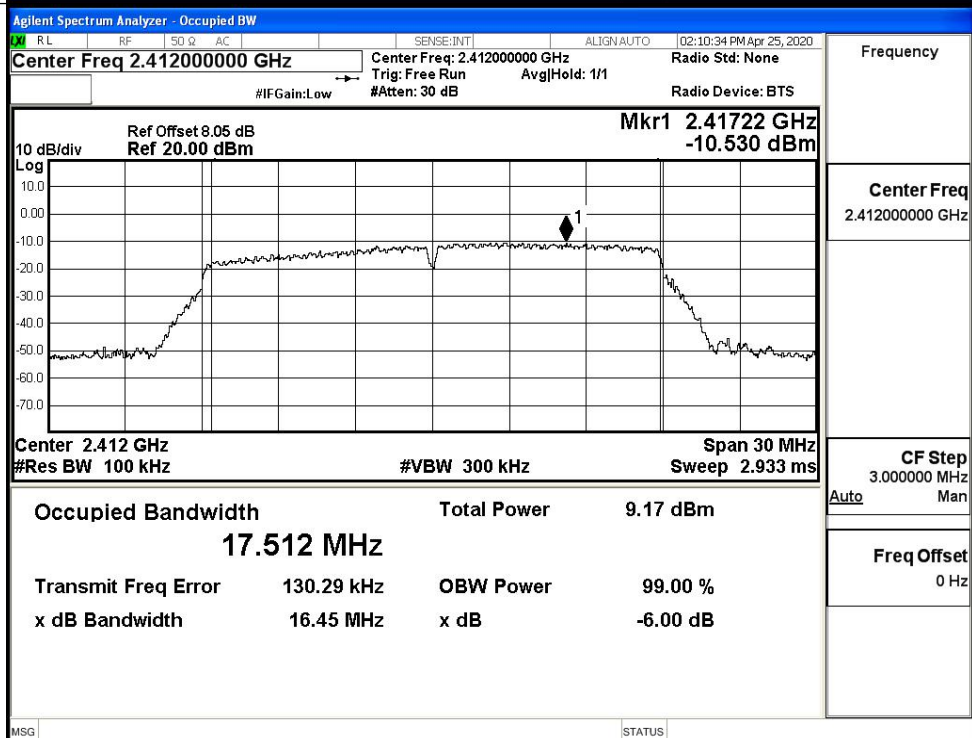
11G/MCH



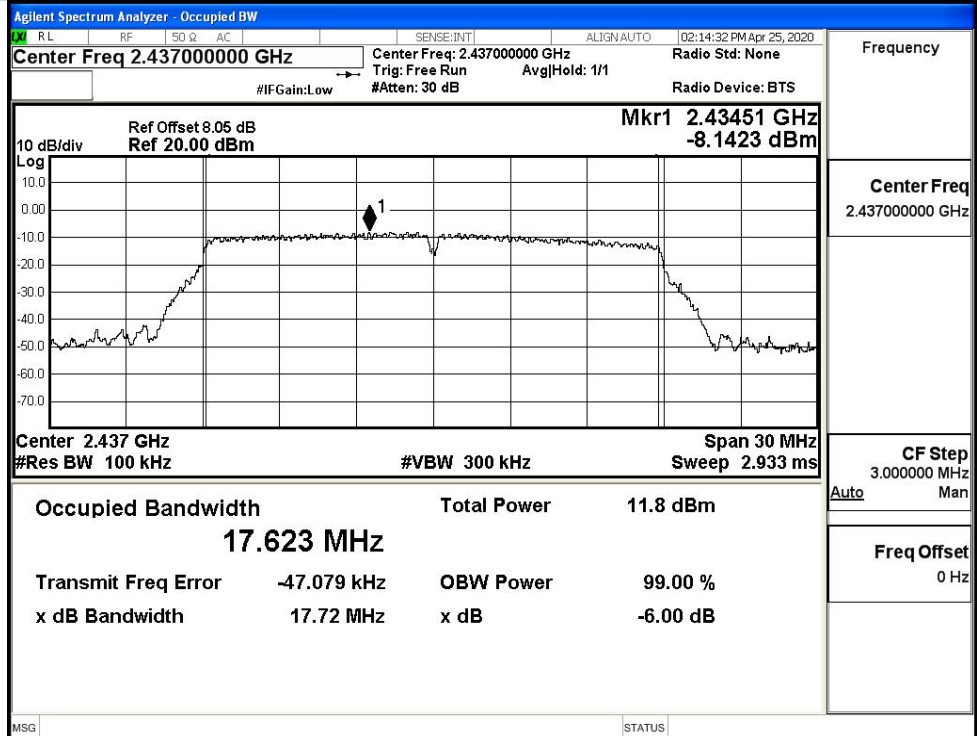
11G/HCH



11N20SISO/LCH



11N20SISO/MCH



11N20SISO/HCH

