

Appendix B

RF Test Data for 2.4G WIFI (Conducted Measurement)

Product Name: TABLET PC

Trade Mark: FUSION5

Test Model: TABLETT60

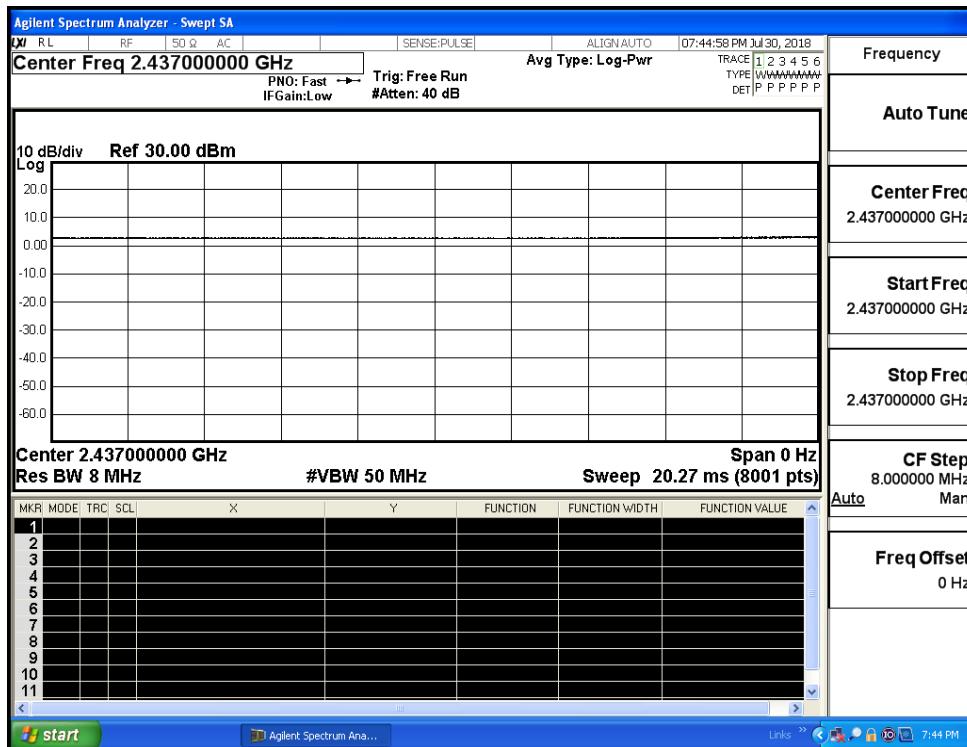
Environmental Conditions

Temperature:	22.2 ° C
Relative Humidity:	54.1%
ATM Pressure:	100.0 kPa
Test Engineer:	Diamond.Lu
Supervised by:	Jayden.Zhuo

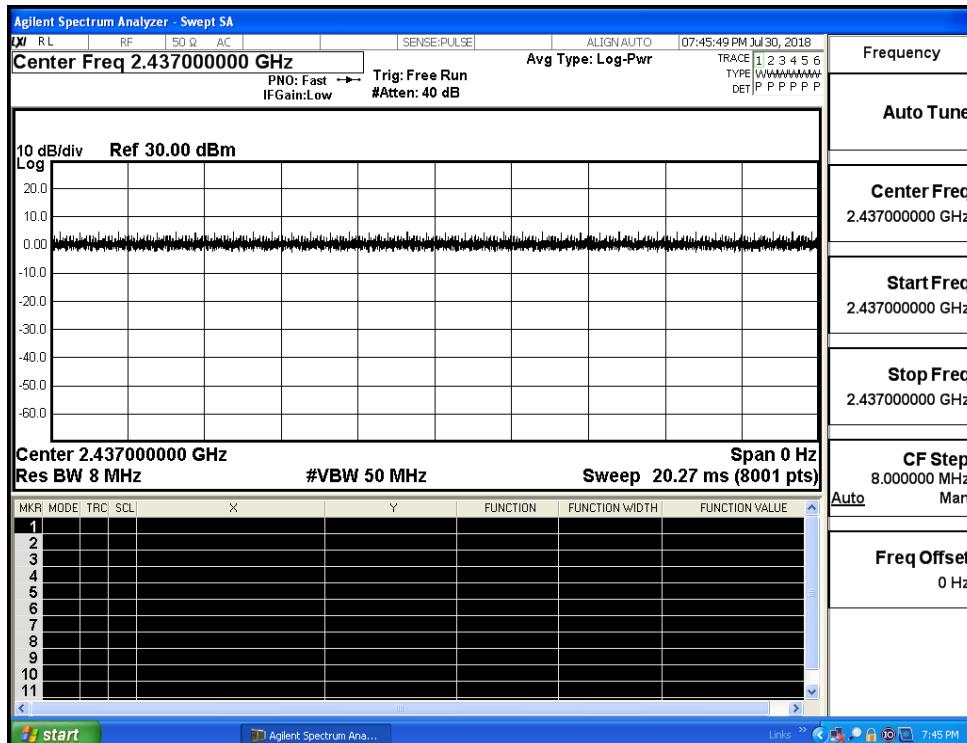
B.1 Duty Cycle

Test Mode	Test Channel	Ant	Duty Cycle[%]	Verdict
11B	2437	Ant1	100	PASS
11G	2437	Ant1	100	PASS
11N20SISO	2437	Ant1	100	PASS
11N40SISO	2437	Ant1	100	PASS

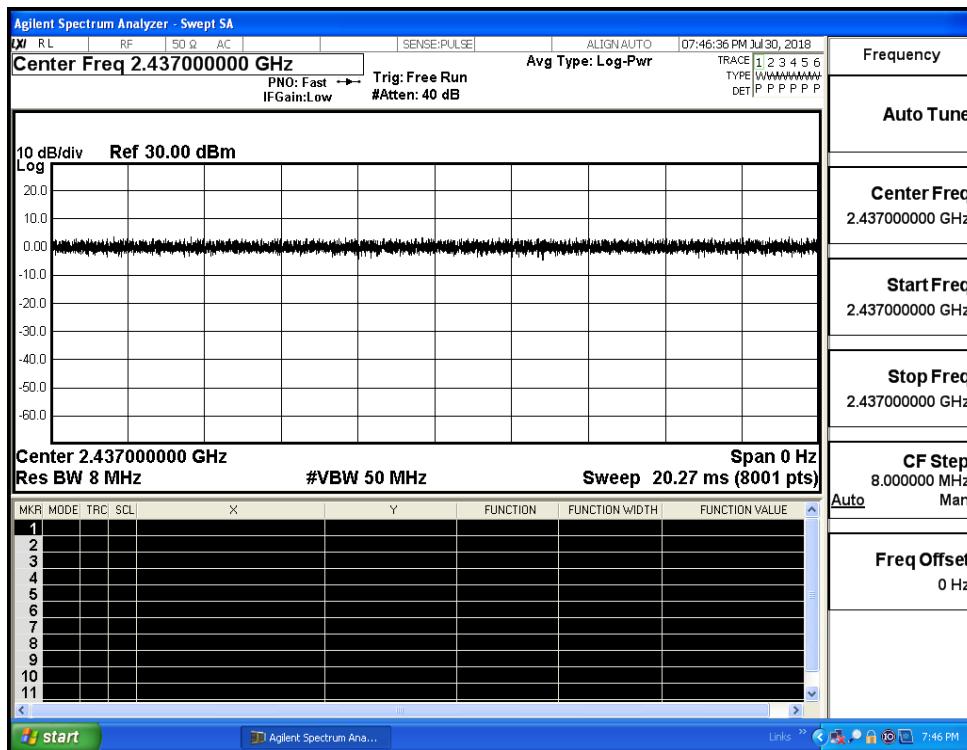
Duty Cycle_11B_2437_Ant1



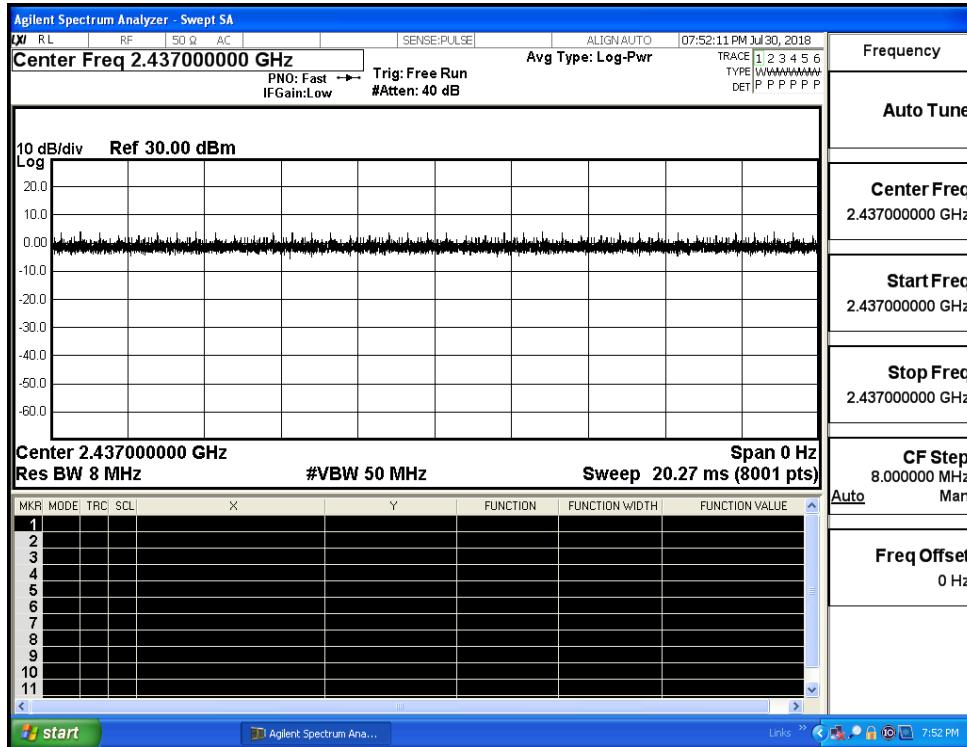
Duty Cycle_11G_2437_Ant1



Duty Cycle_11N20SISO_2437_Ant1



Duty Cycle_11N40SISO_2437_Ant1

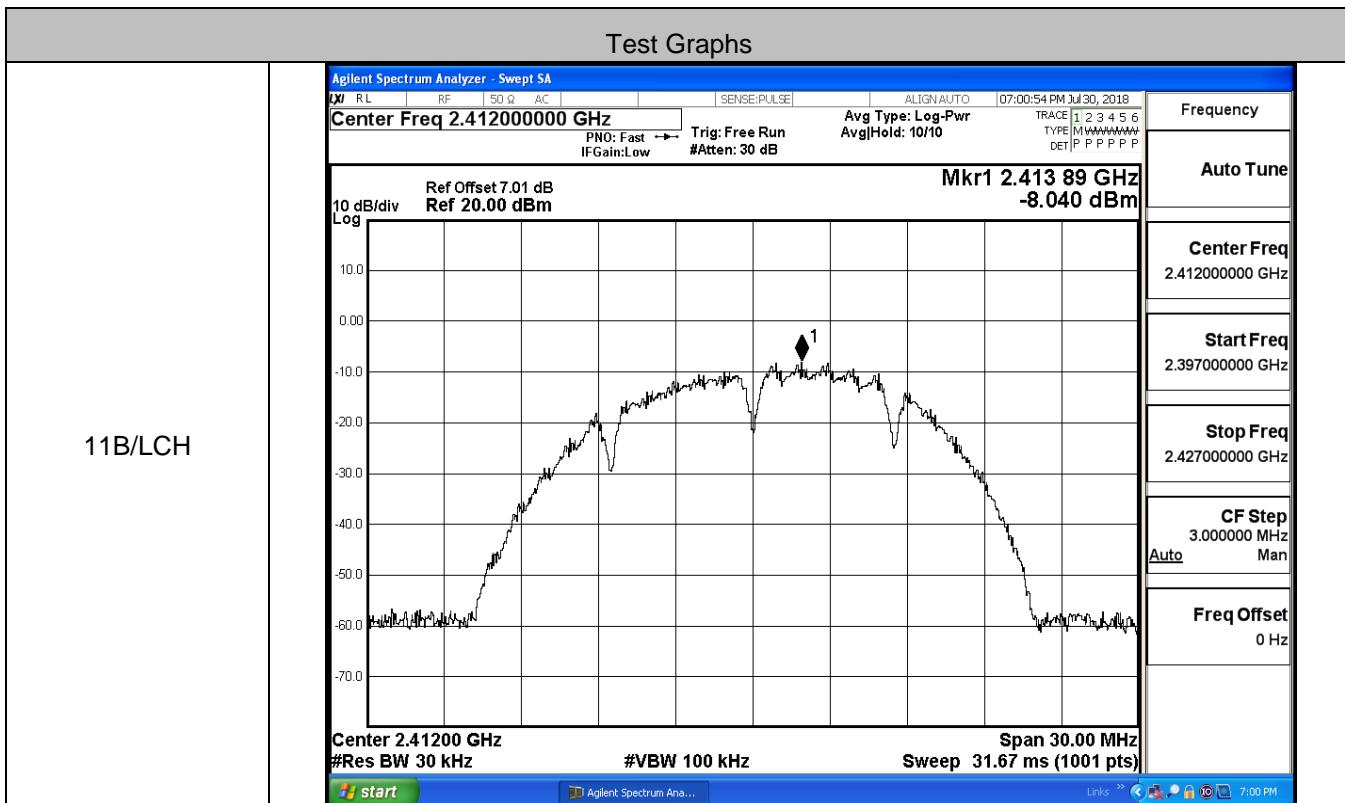


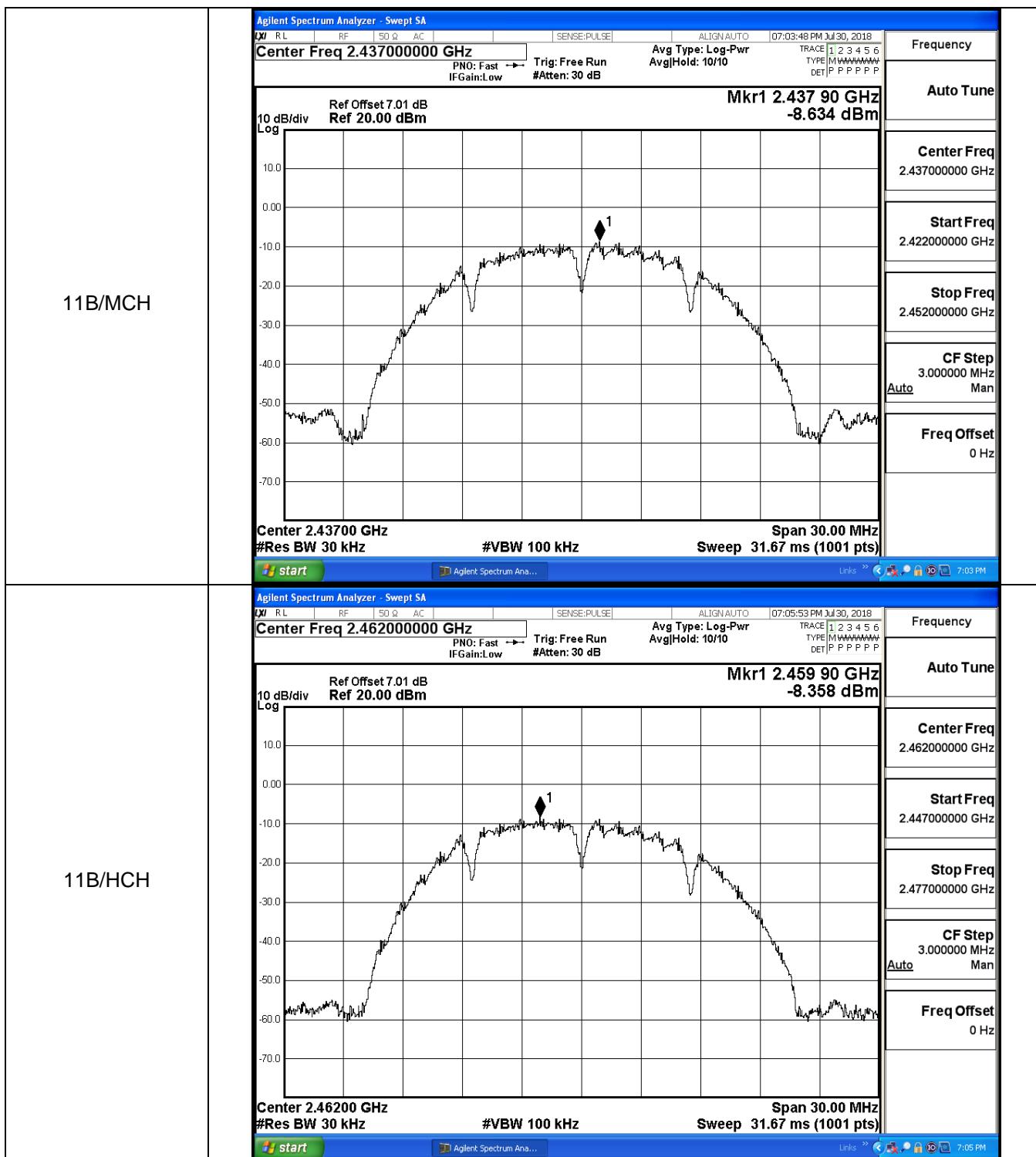
B.2 Maximum Conducted Output Power

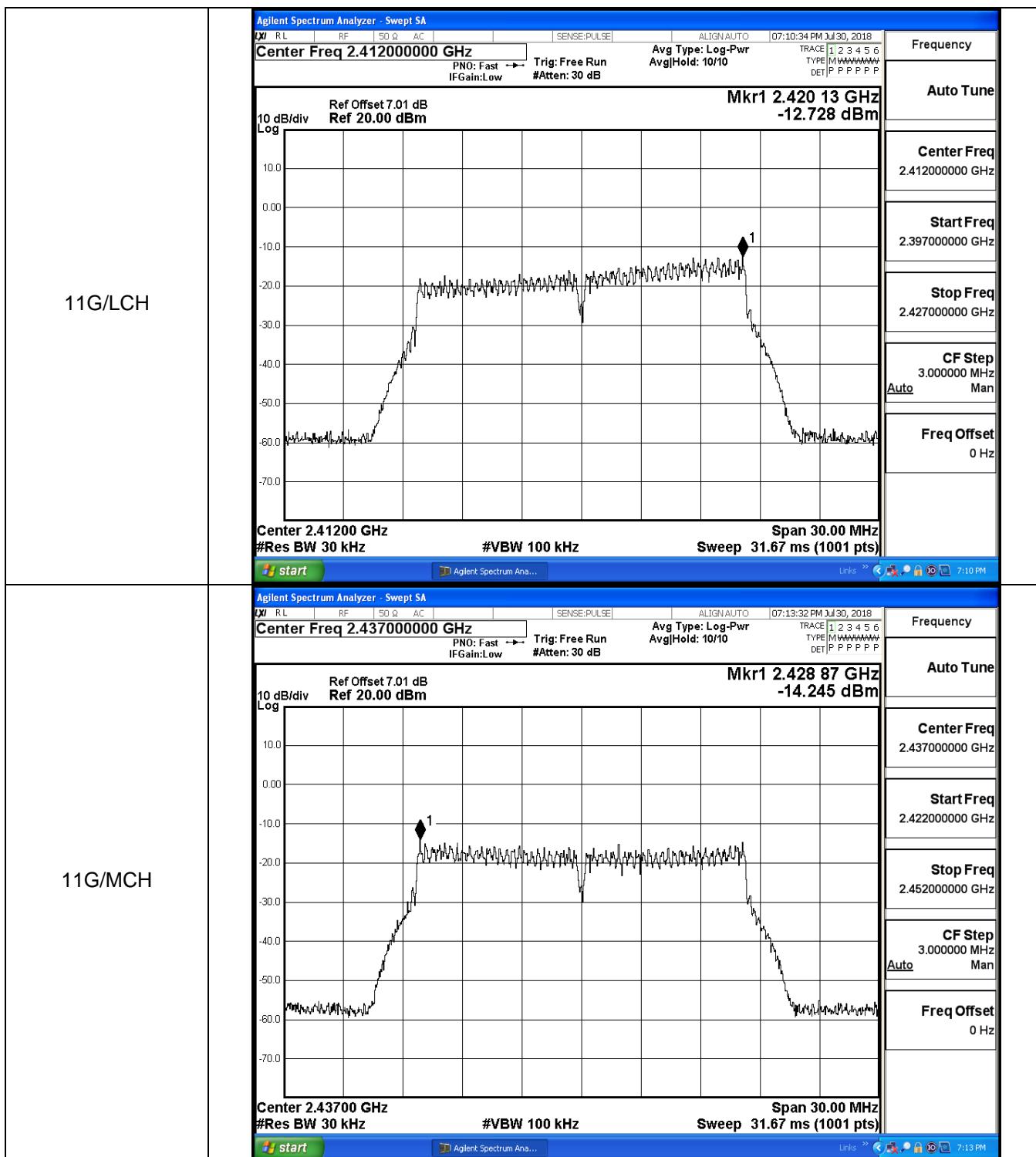
Mode	Channel	Meas.Level Peak [dBm]	Limit [dBm]	Verdict
11B	LCH	11.22	30	PASS
	MCH	11.15	30	PASS
	HCH	11.37	30	PASS
11G	LCH	12.78	30	PASS
	MCH	12.91	30	PASS
	HCH	12.84	30	PASS
11N20SISO	LCH	13.65	30	PASS
	MCH	13.48	30	PASS
	HCH	13.72	30	PASS
11N40SISO	LCH	14.05	30	PASS
	MCH	14.15	30	PASS
	HCH	14.32	30	PASS

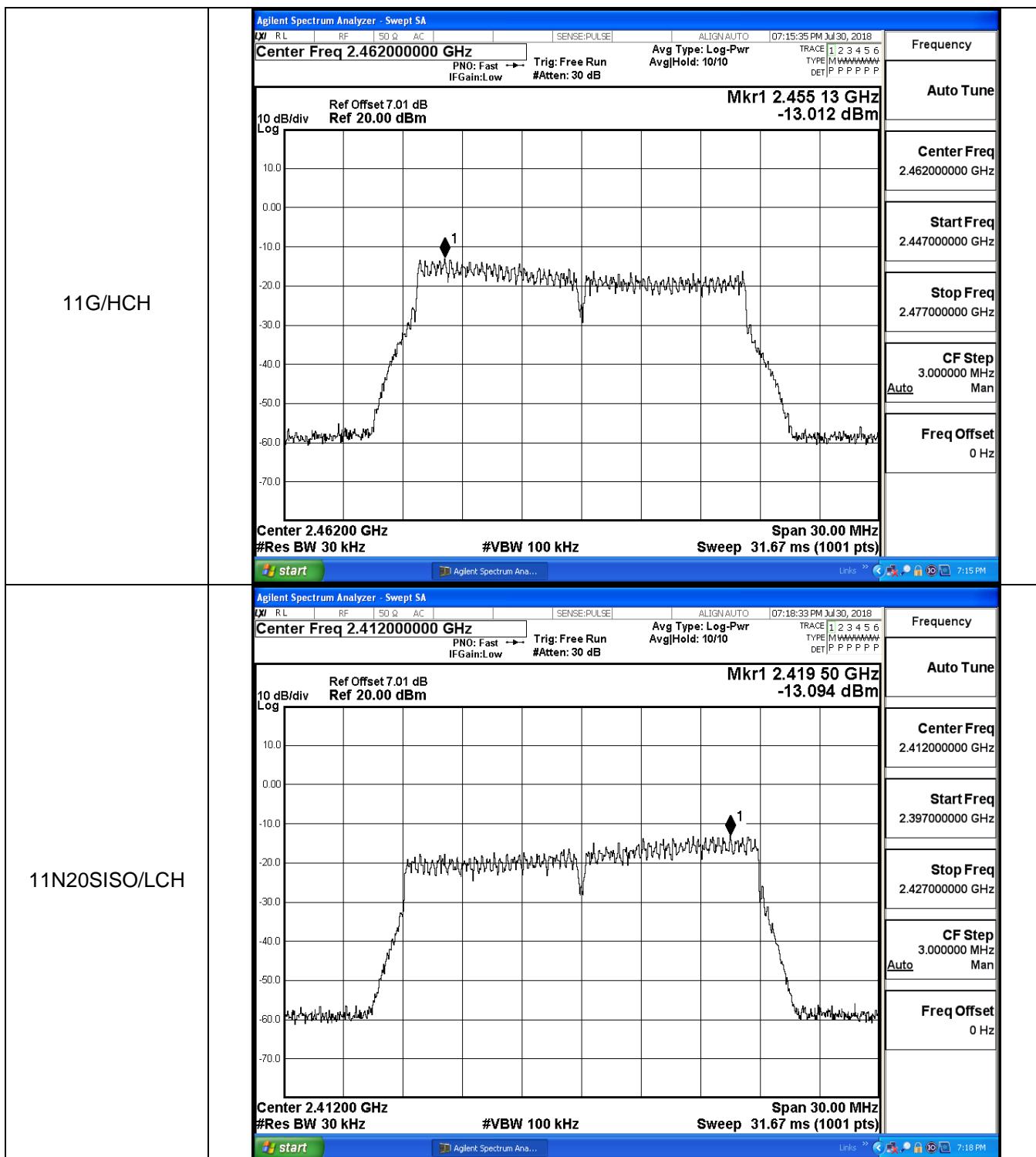
B.3 Maximum Power Spectral Density

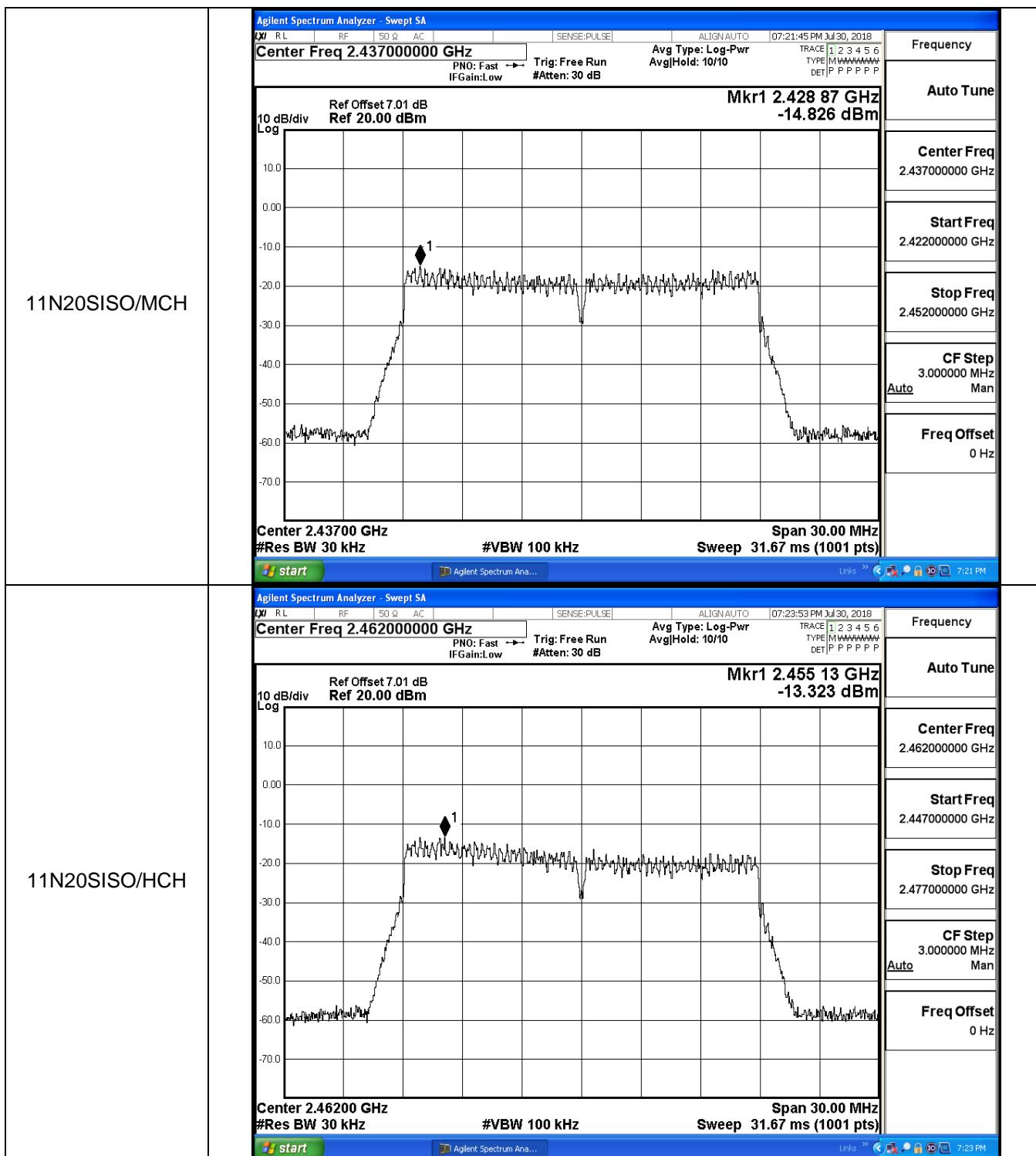
Mode	Channel	Meas.Level [dBm/30KHz]	Limit [dBm/3KHz]	Verdict
11B	LCH	-8.040	8	PASS
	MCH	-8.634	8	PASS
	HCH	-8.358	8	PASS
11G	LCH	-12.728	8	PASS
	MCH	-14.245	8	PASS
	HCH	-13.012	8	PASS
11N20SISO	LCH	-13.094	8	PASS
	MCH	-14.826	8	PASS
	HCH	-13.323	8	PASS
11N40SISO	LCH	-16.764	8	PASS
	MCH	-17.300	8	PASS
	HCH	-15.683	8	PASS

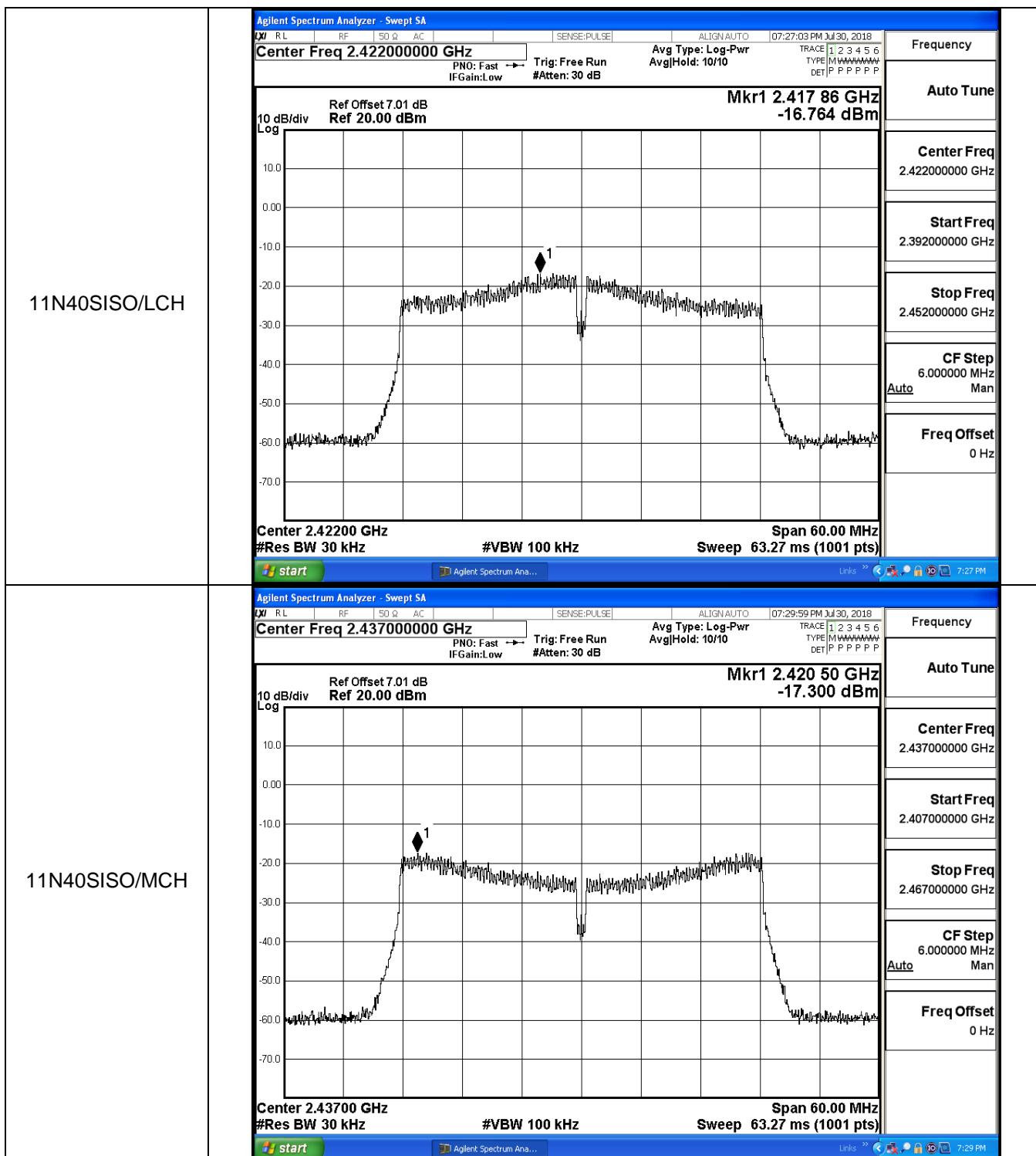


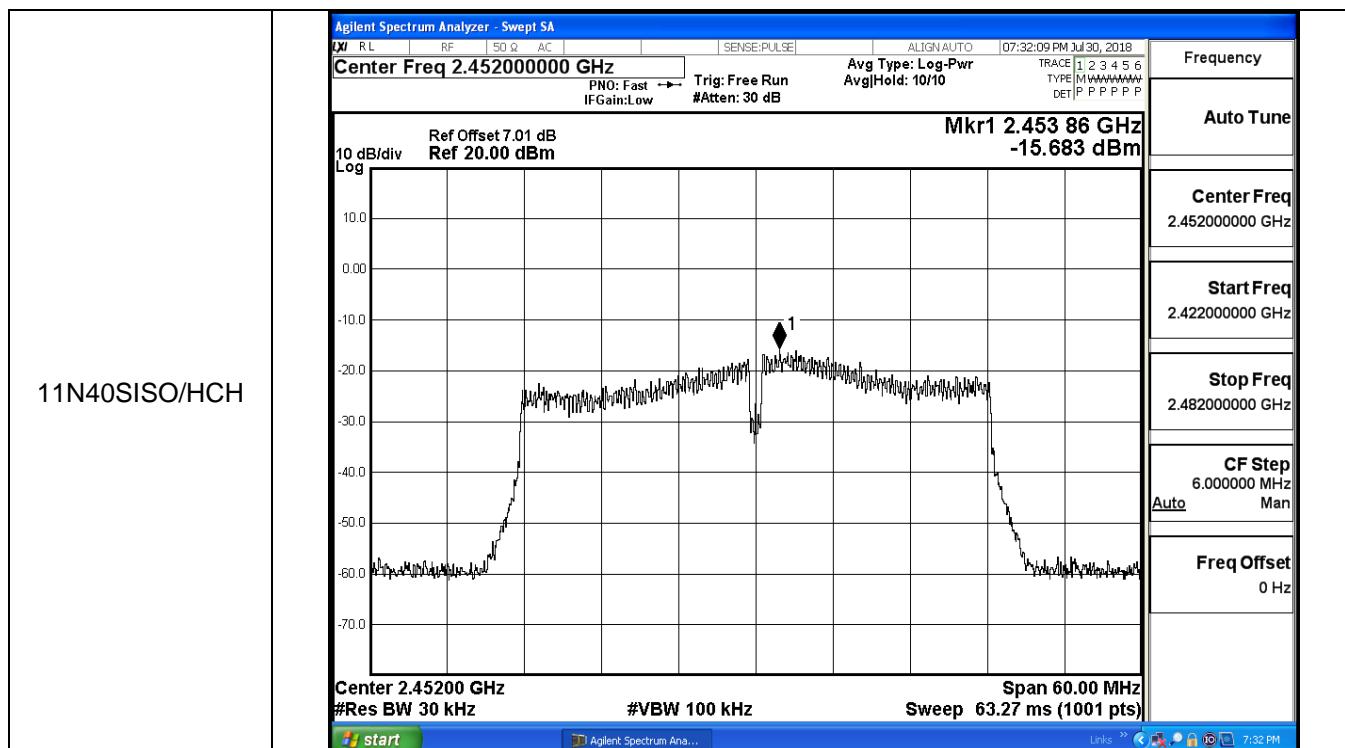






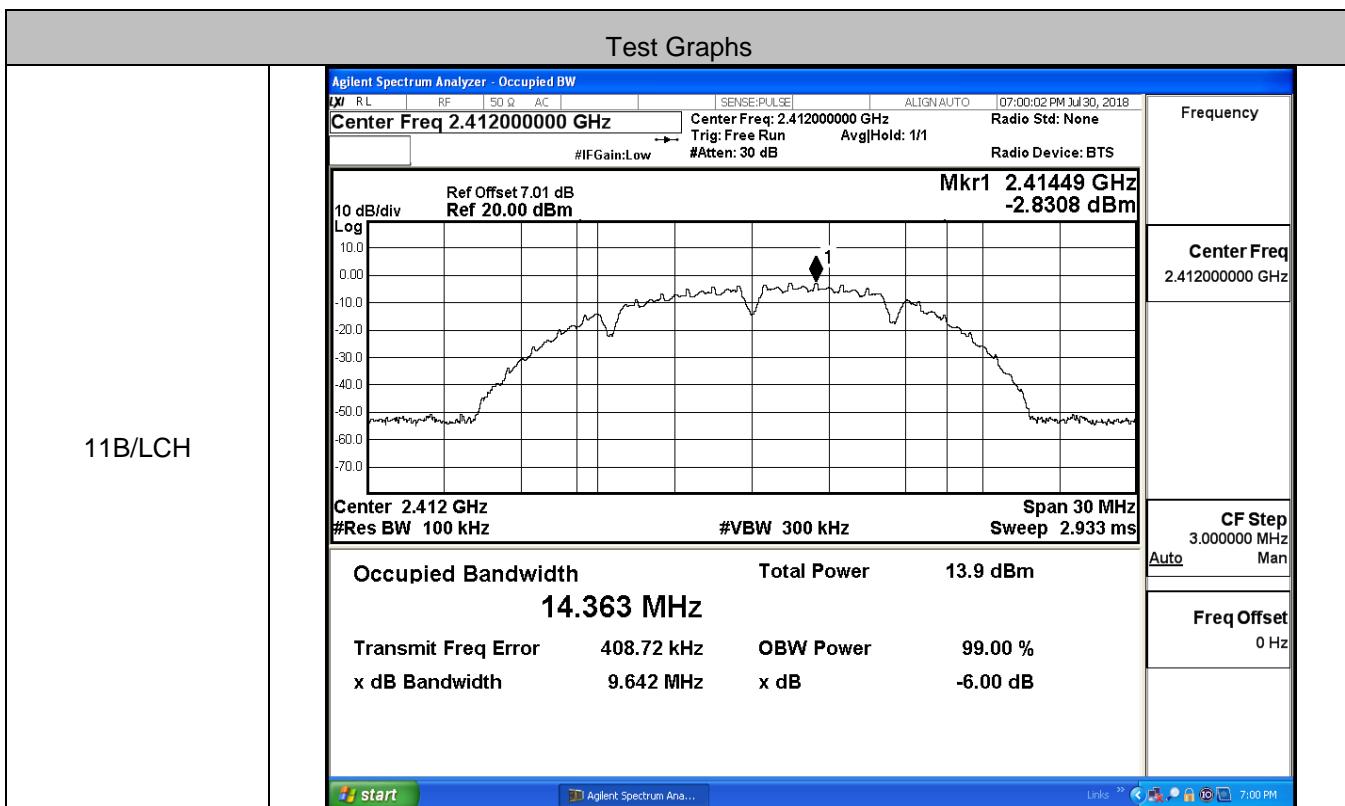


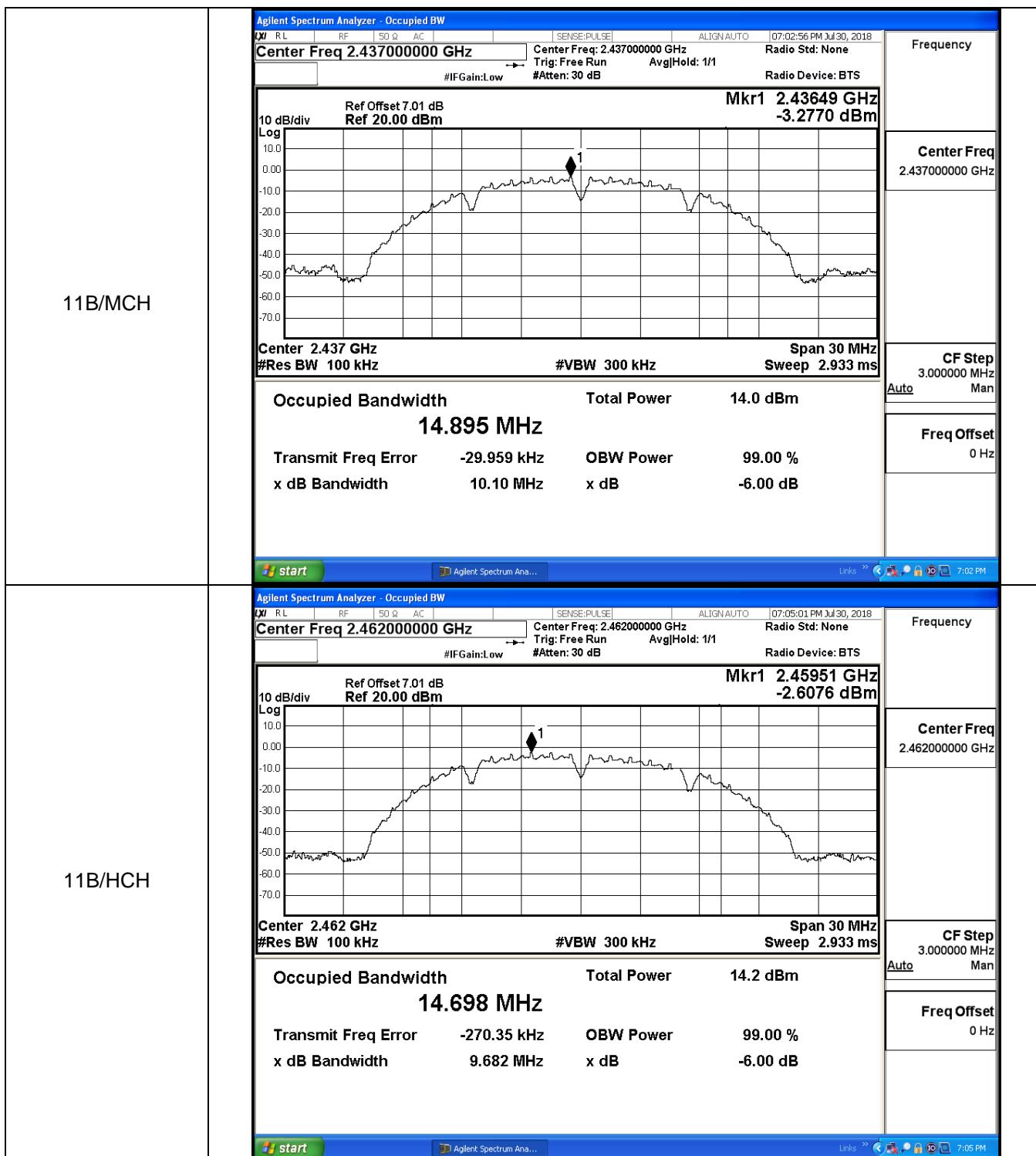


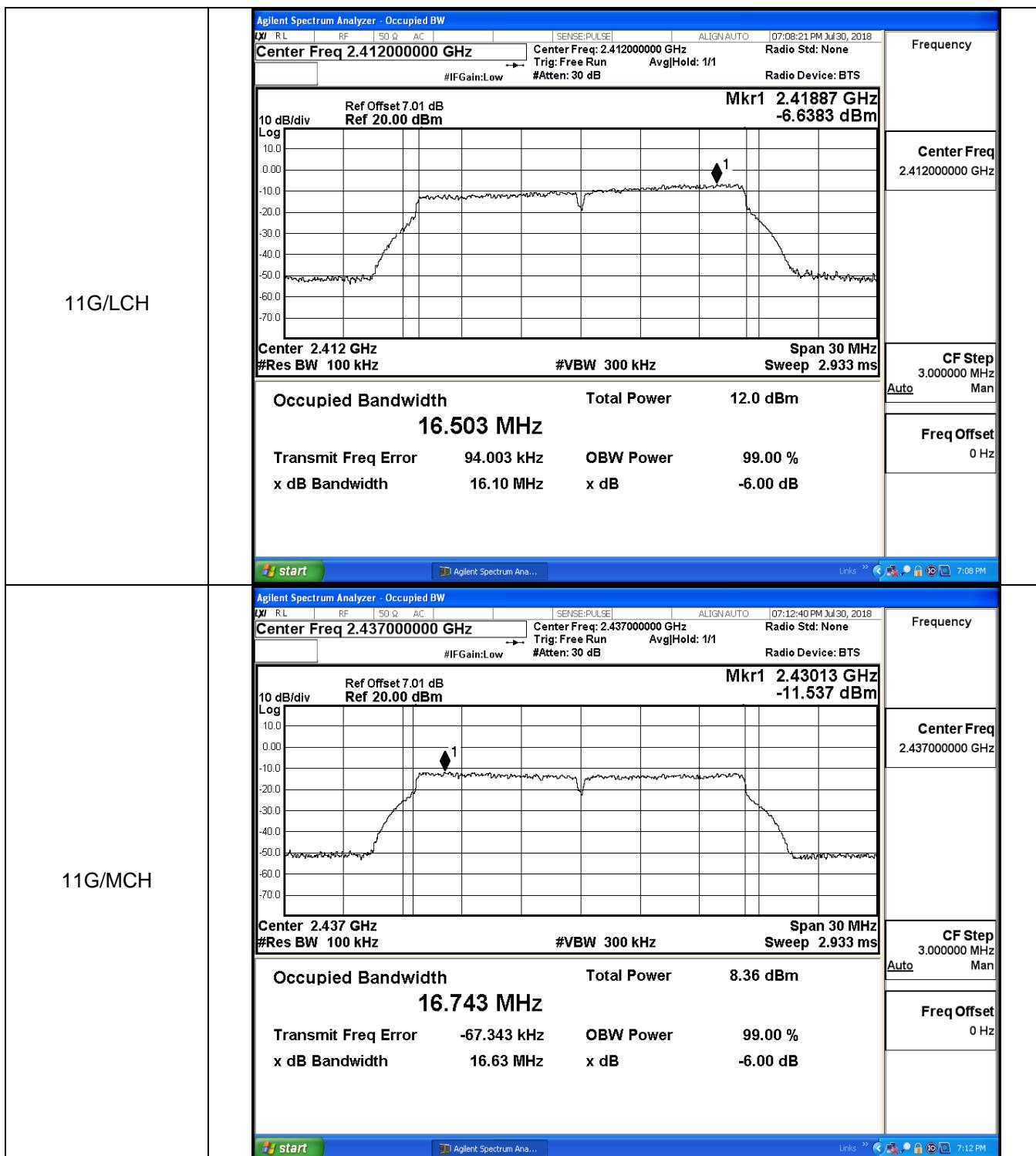


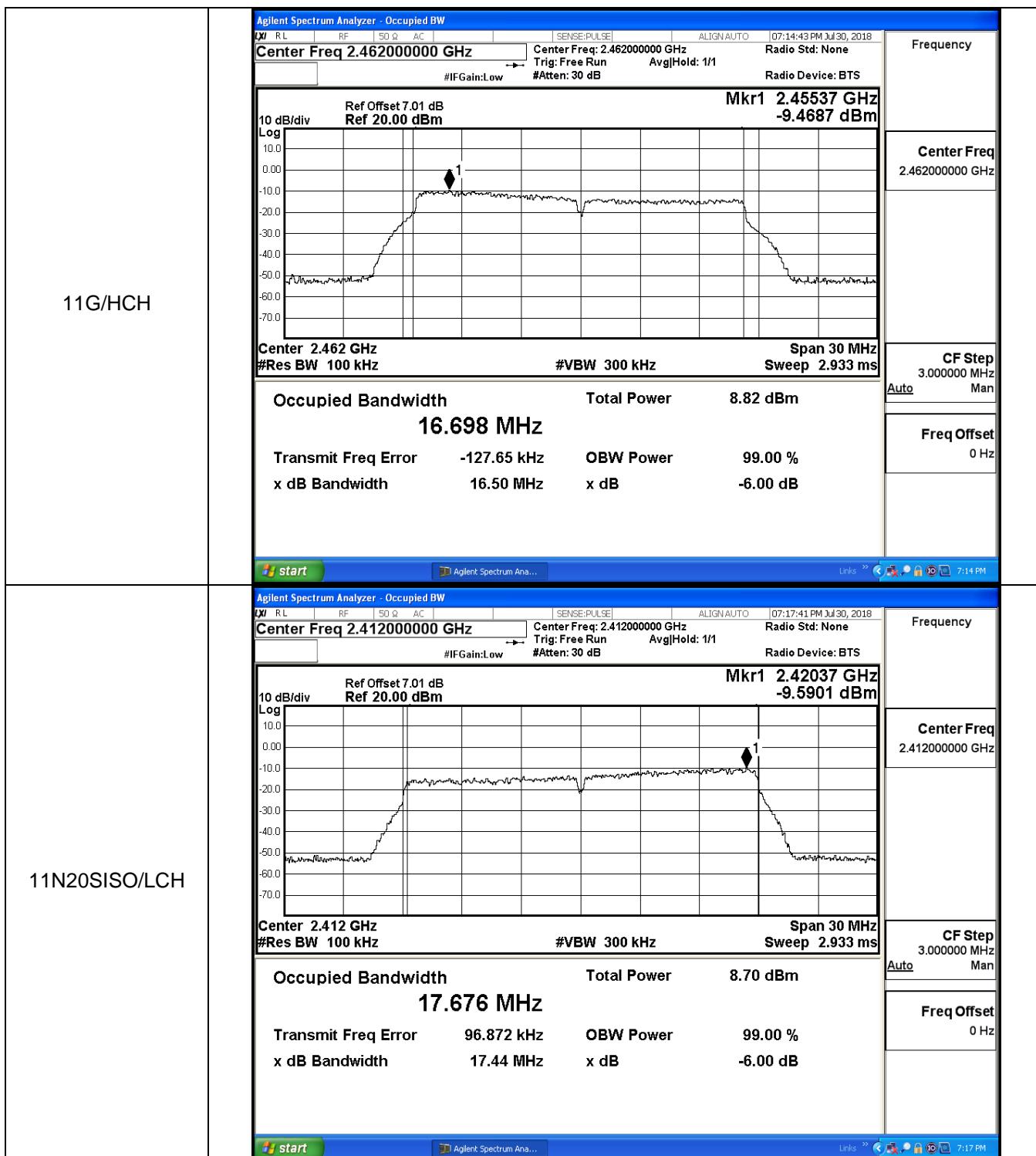
B.4 6dB Bandwidth

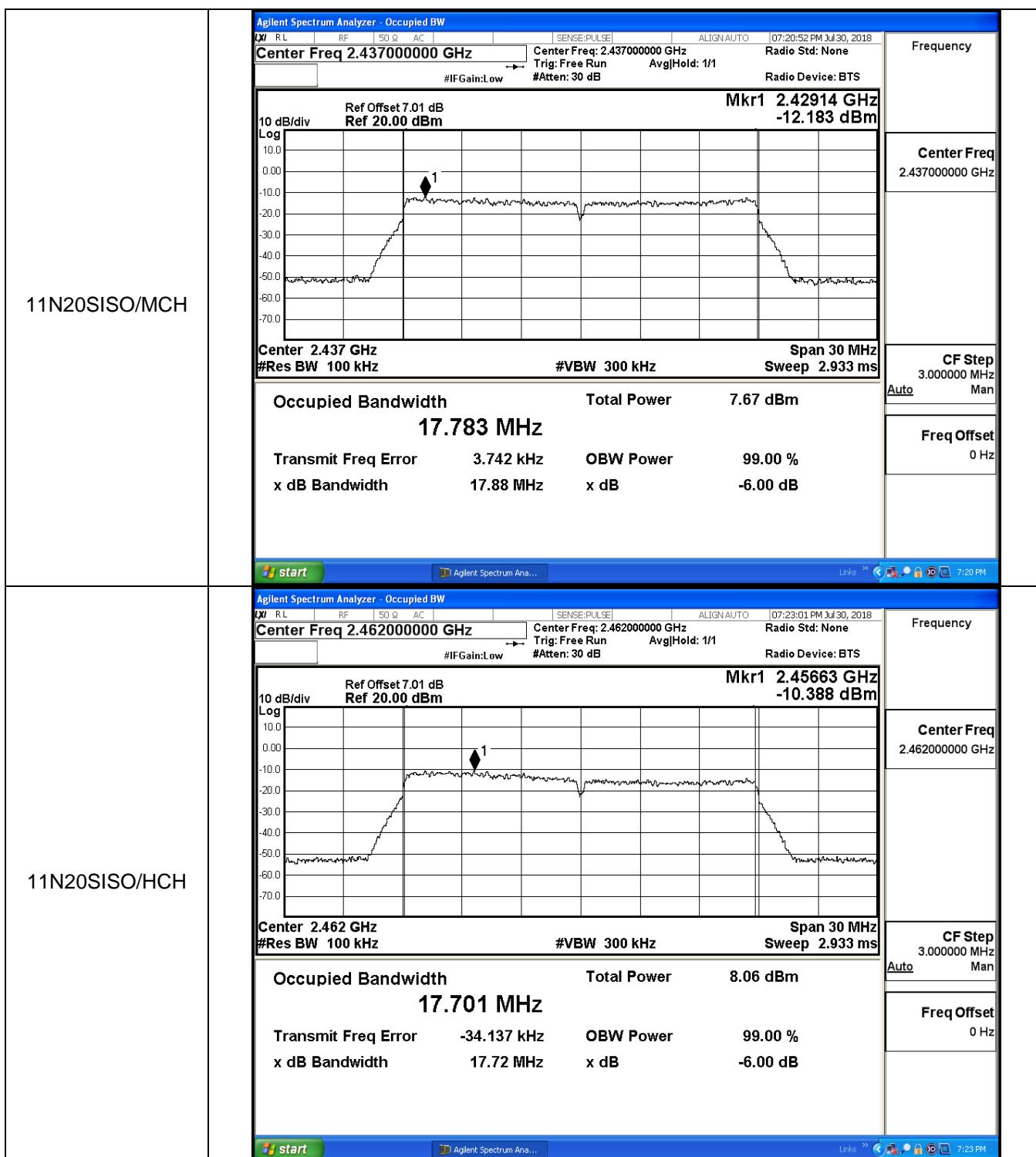
Mode	Channel	6dB Bandwidth [MHz]	Limit [MHz]	Verdict
11B	LCH	9.642	≥0.5	PASS
	MCH	10.10	≥0.5	PASS
	HCH	9.682	≥0.5	PASS
11G	LCH	16.10	≥0.5	PASS
	MCH	16.63	≥0.5	PASS
	HCH	16.50	≥0.5	PASS
11N20SISO	LCH	17.44	≥0.5	PASS
	MCH	17.88	≥0.5	PASS
	HCH	17.72	≥0.5	PASS
11N40SISO	LCH	26.98	≥0.5	PASS
	MCH	36.53	≥0.5	PASS
	HCH	25.47	≥0.5	PASS

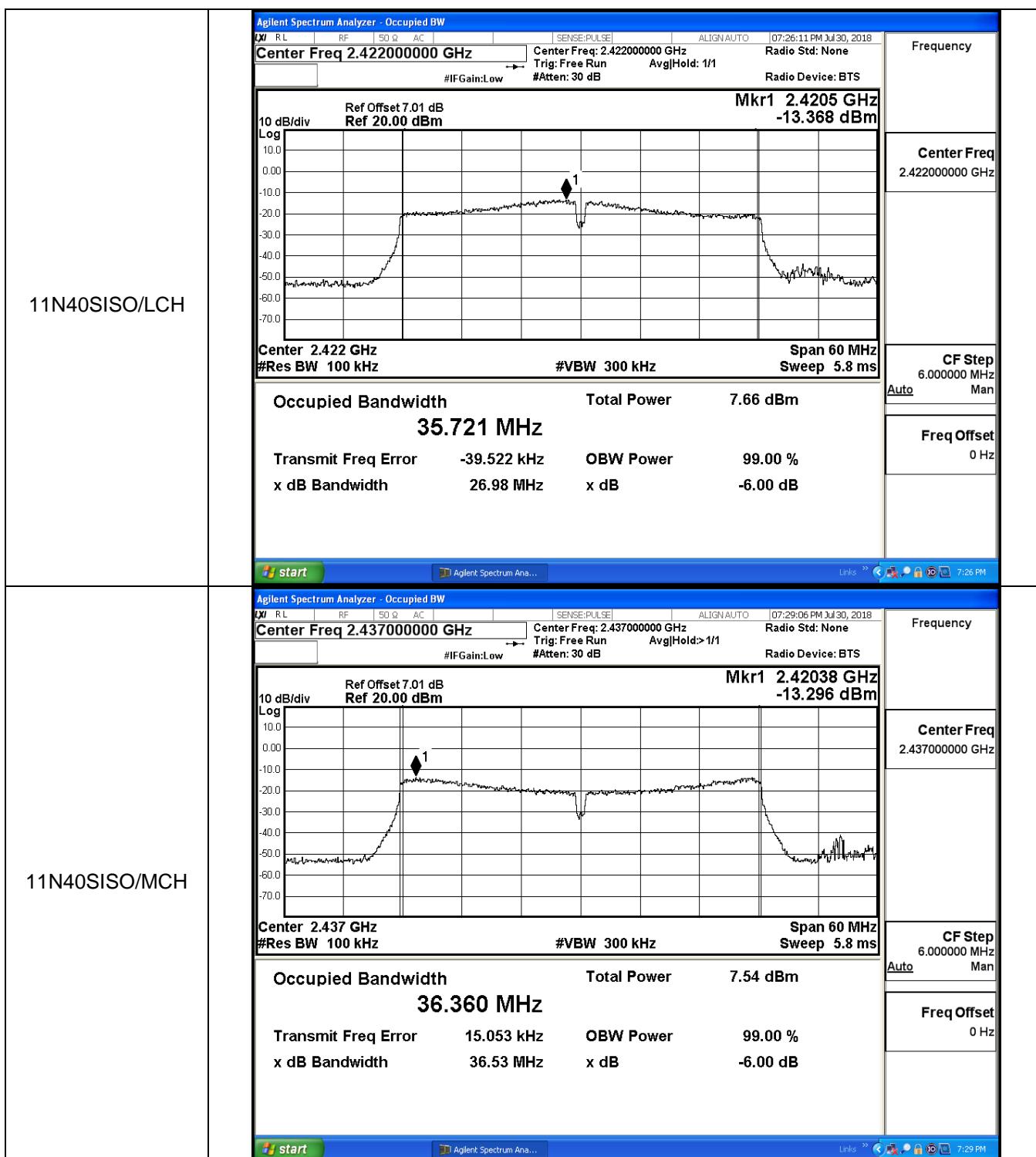


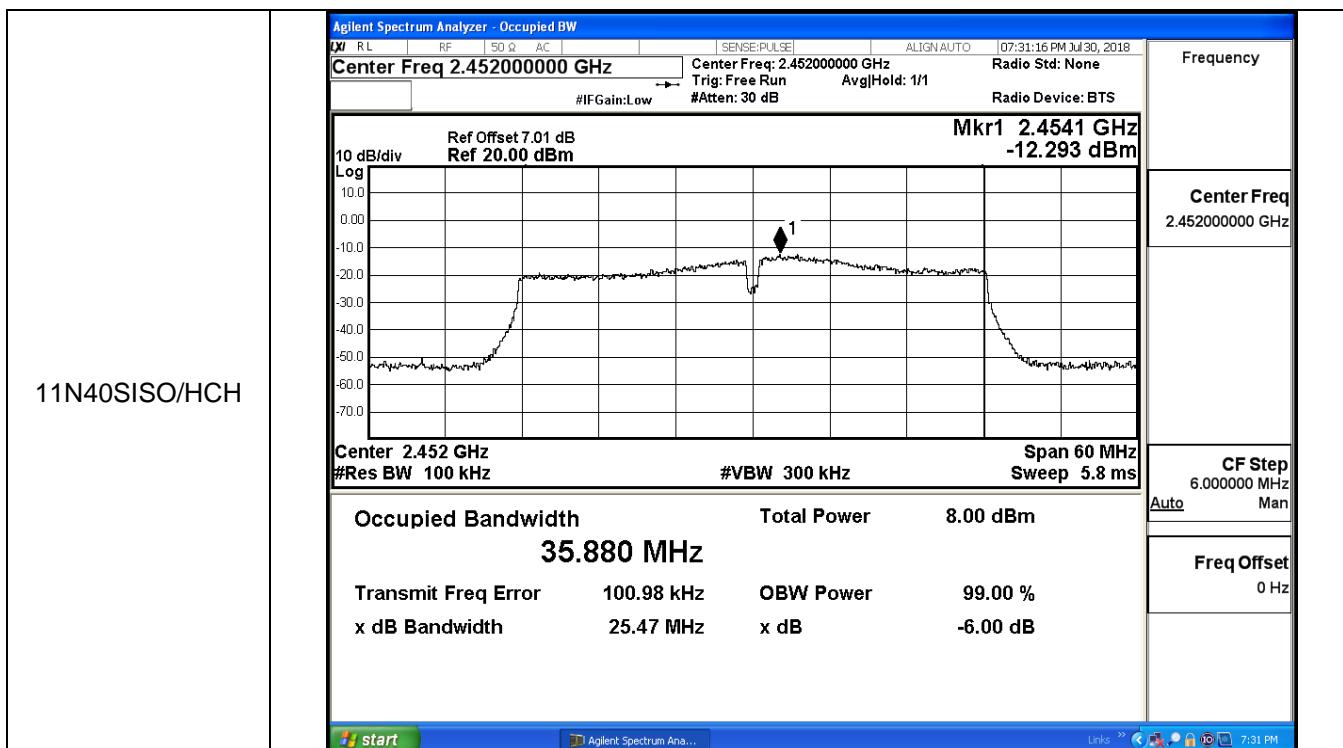










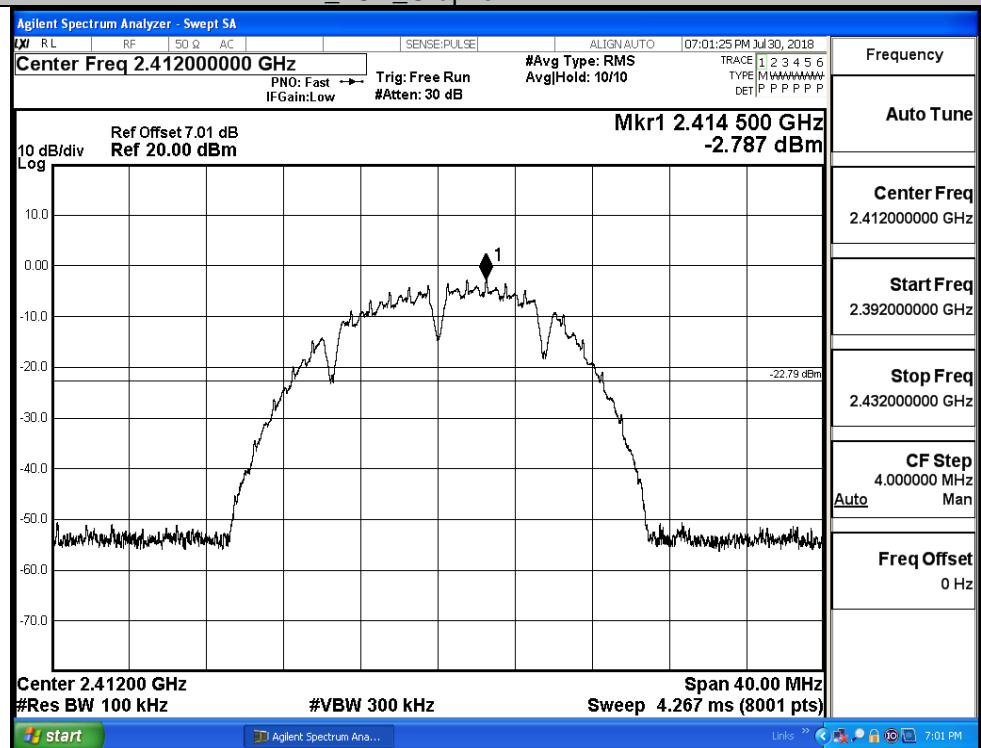


B.5 RF Conducted Spurious Emissions

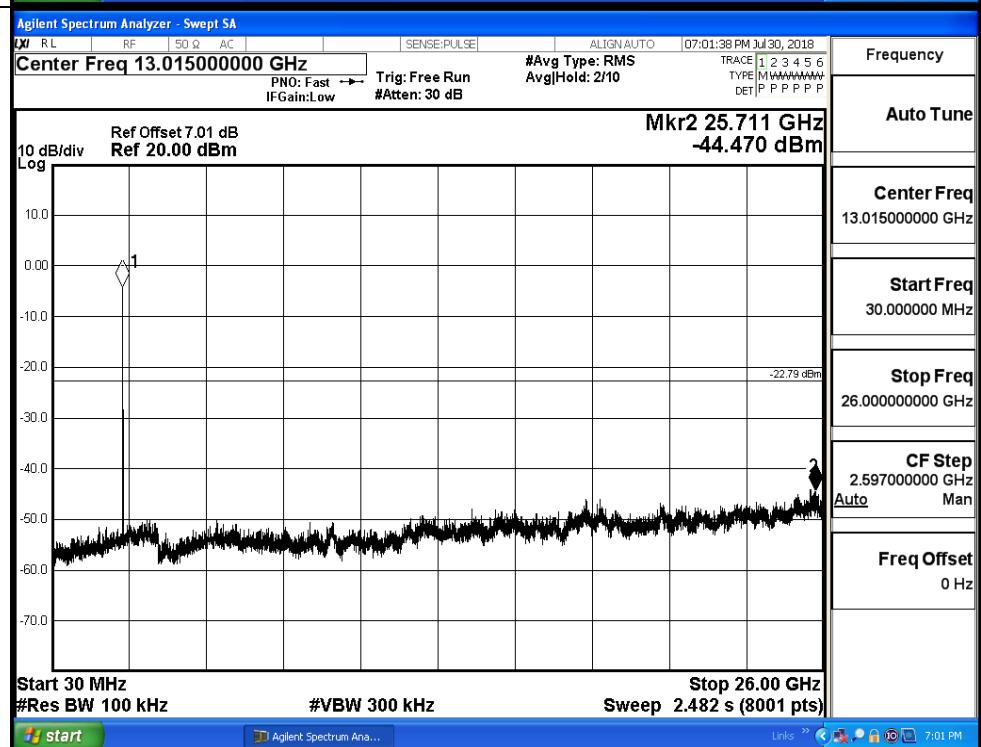
Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
11B	LCH	-2.787	-44.470	-22.787	PASS
	MCH	-1.588	-44.178	-21.588	PASS
	HCH	-2.684	-45.166	-22.684	PASS
11G	LCH	-9.96	-44.893	-29.960	PASS
	MCH	-11.859	-44.484	-31.859	PASS
	HCH	-9.616	-45.100	-29.616	PASS
11N20 SISO	LCH	-9.789	-44.436	-29.789	PASS
	MCH	-12.288	-43.722	-32.288	PASS
	HCH	-10.66	-45.168	-30.660	PASS
11N40 SISO	LCH	-13.502	-43.836	-33.502	PASS
	MCH	-14.056	-43.359	-34.056	PASS
	HCH	-13.367	-44.567	-33.367	PASS

11B_LCH_Graphs

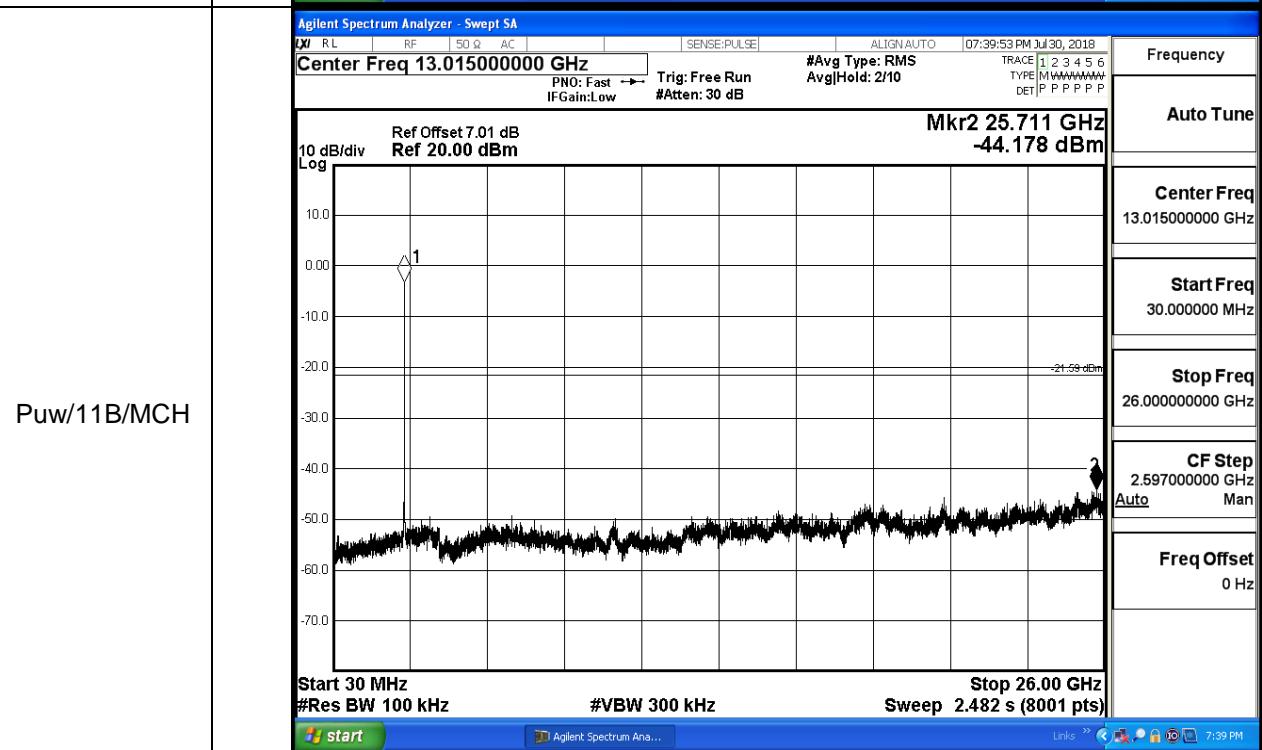
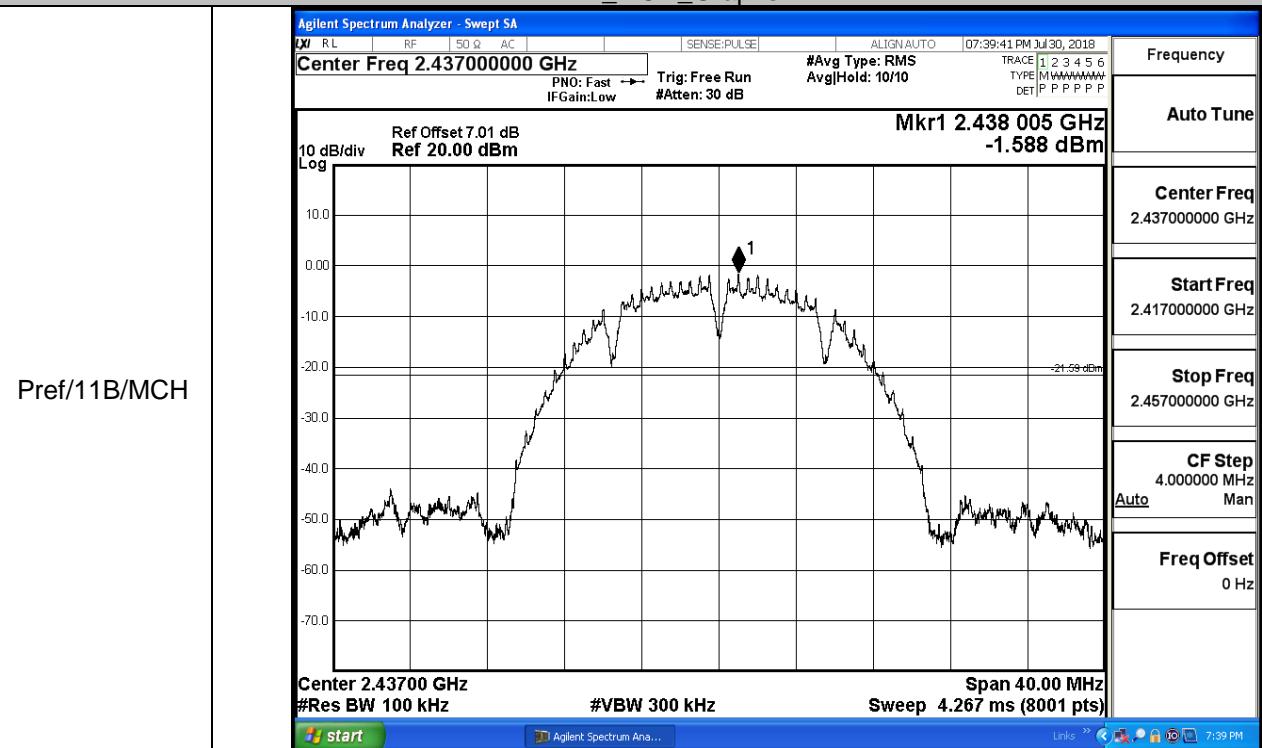
Pref/11B/LCH

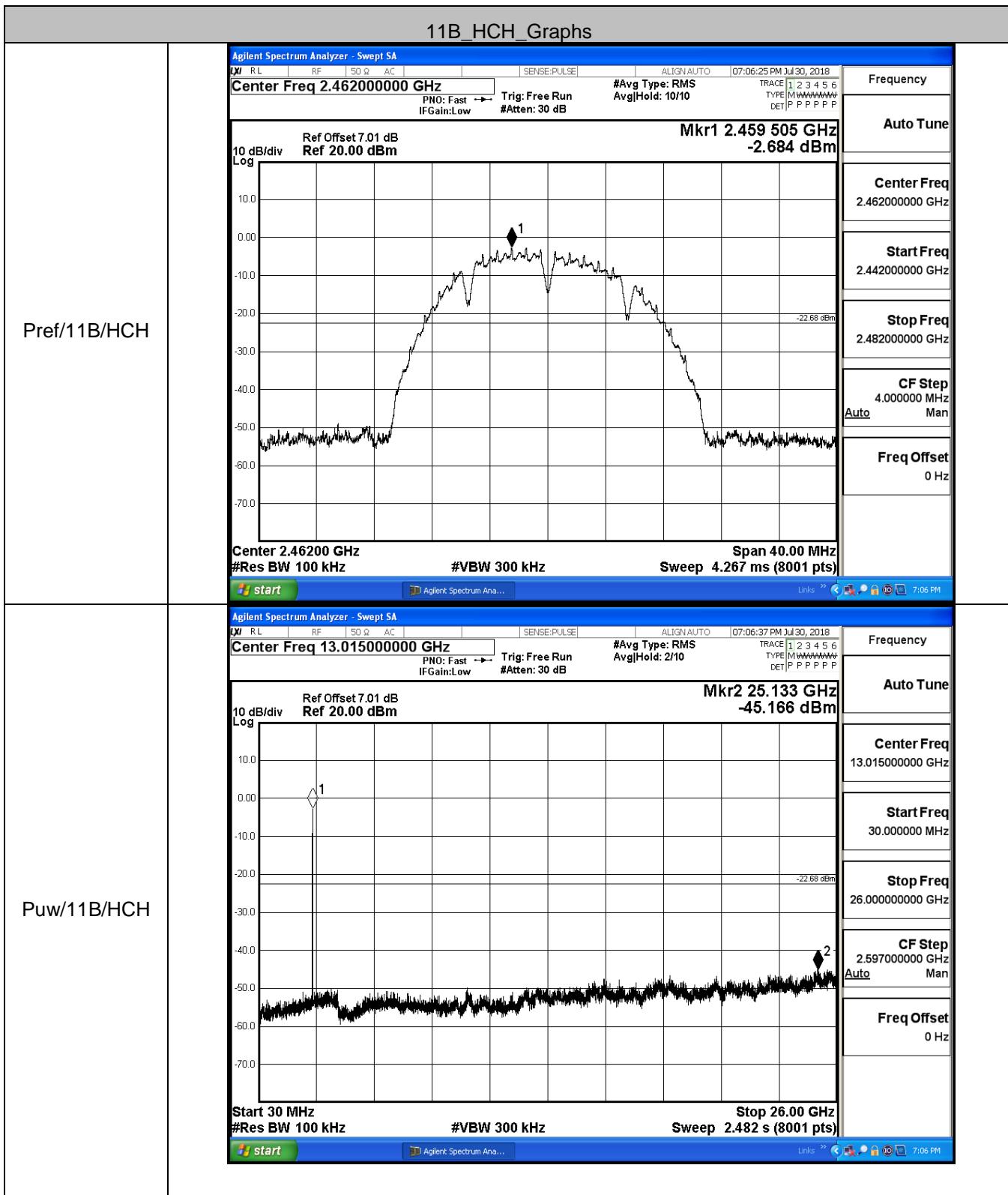


Puw/11B/LCH



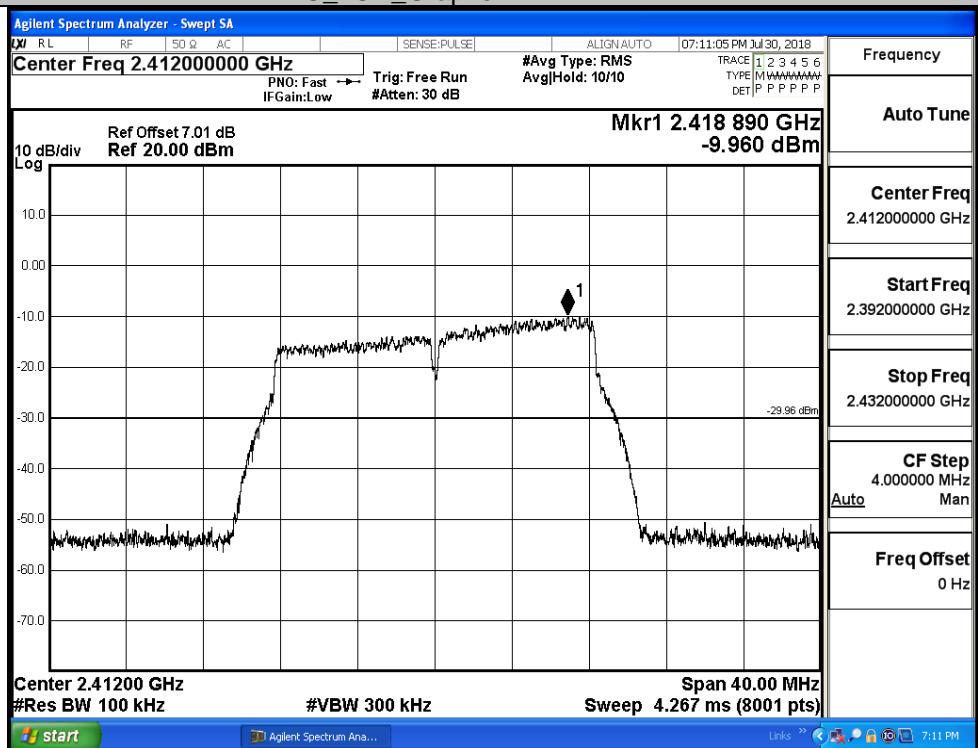
11B_MCH_Graphs



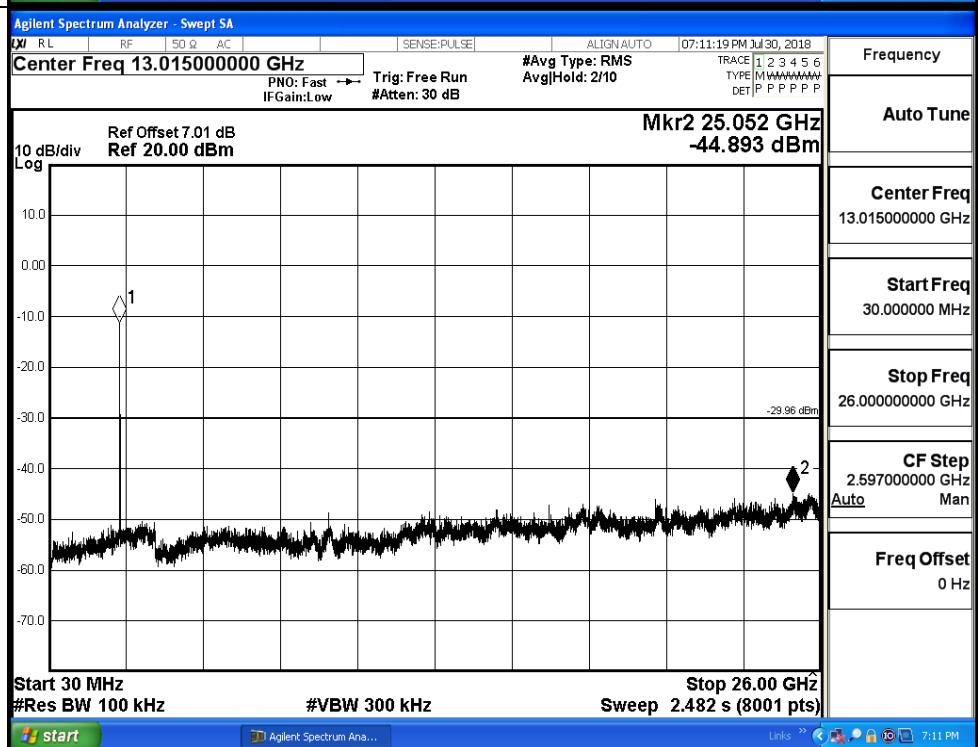


11G_LCH_Graphs

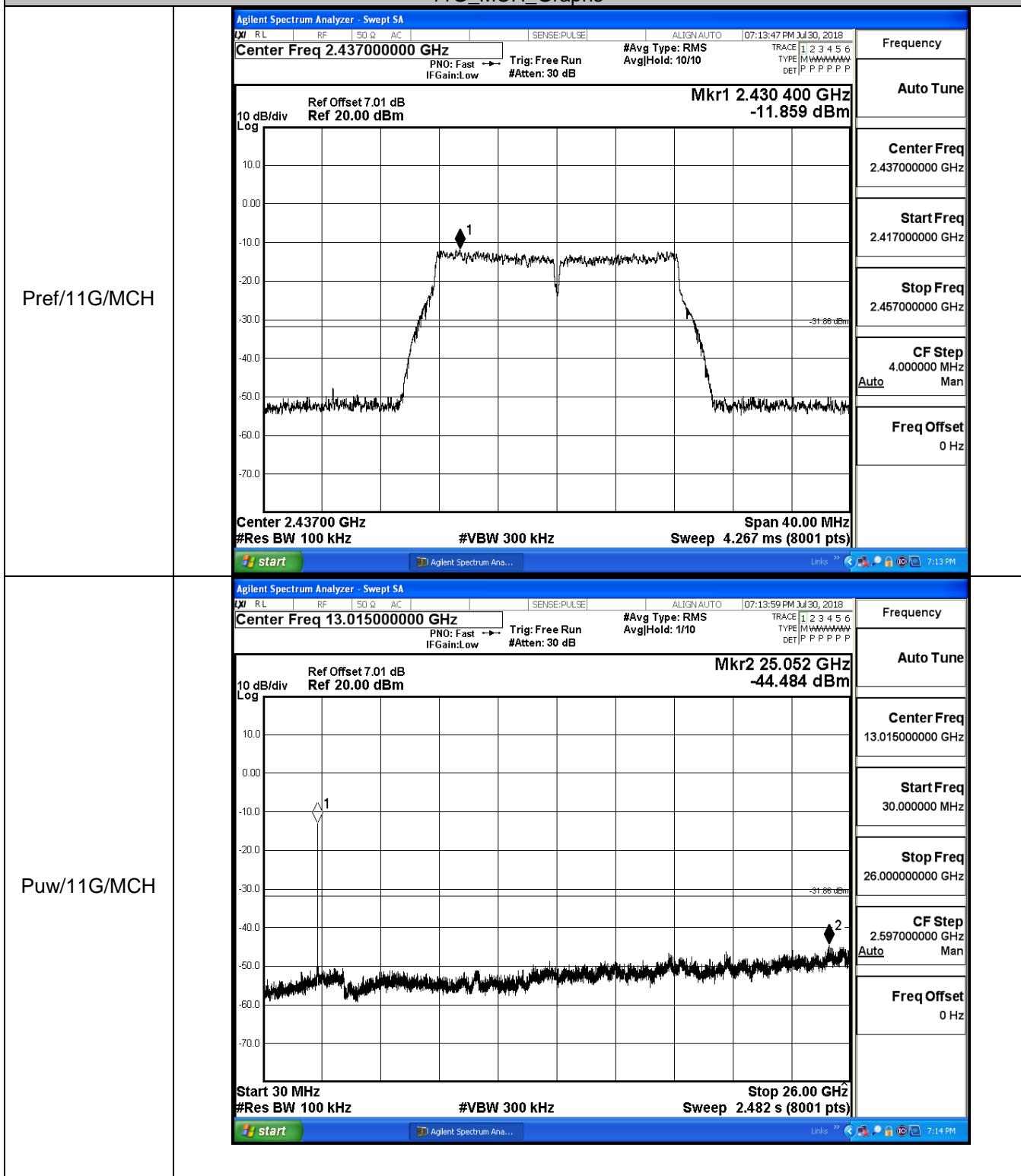
Pref/11G/LCH



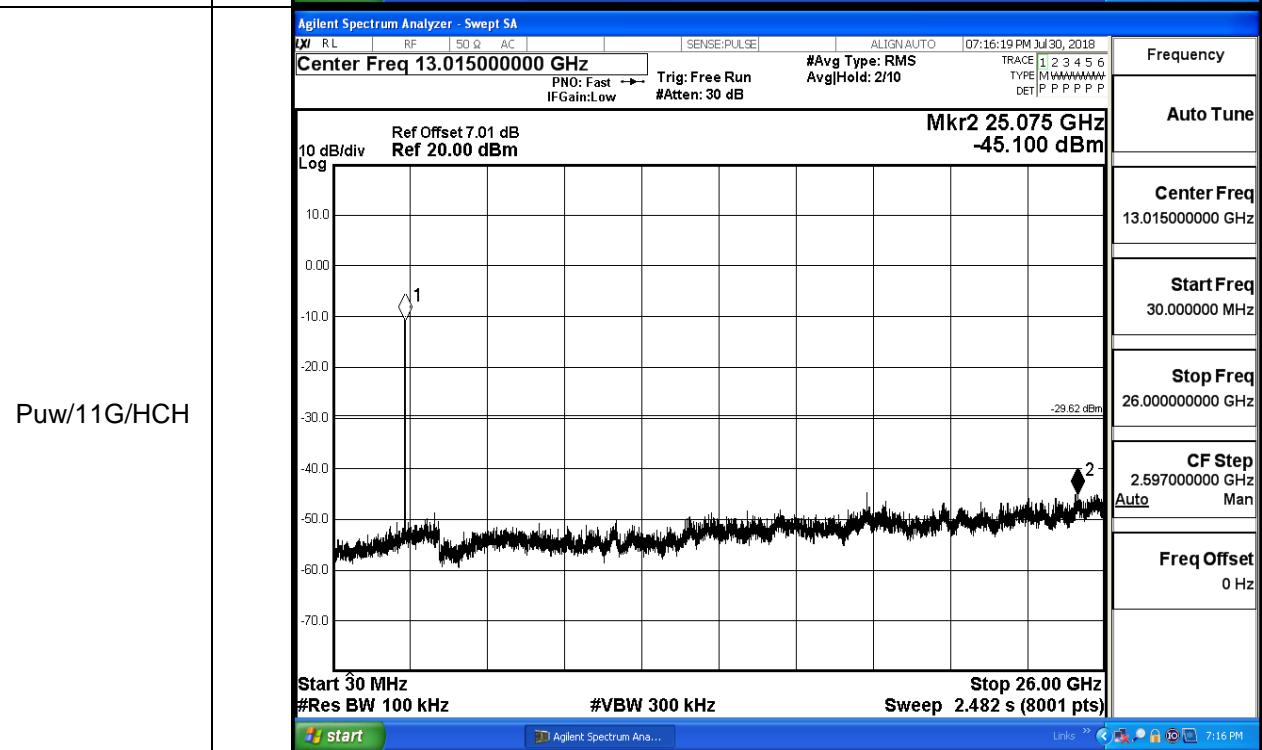
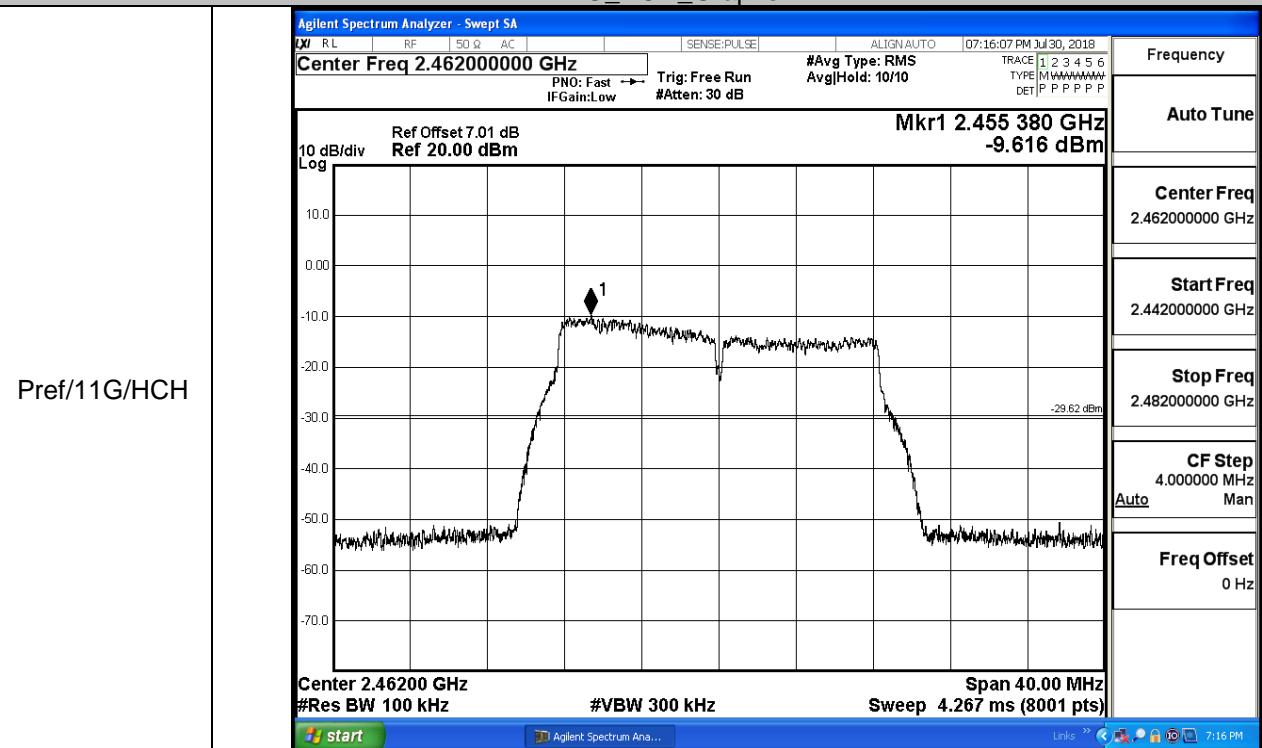
Puw/11G/LCH

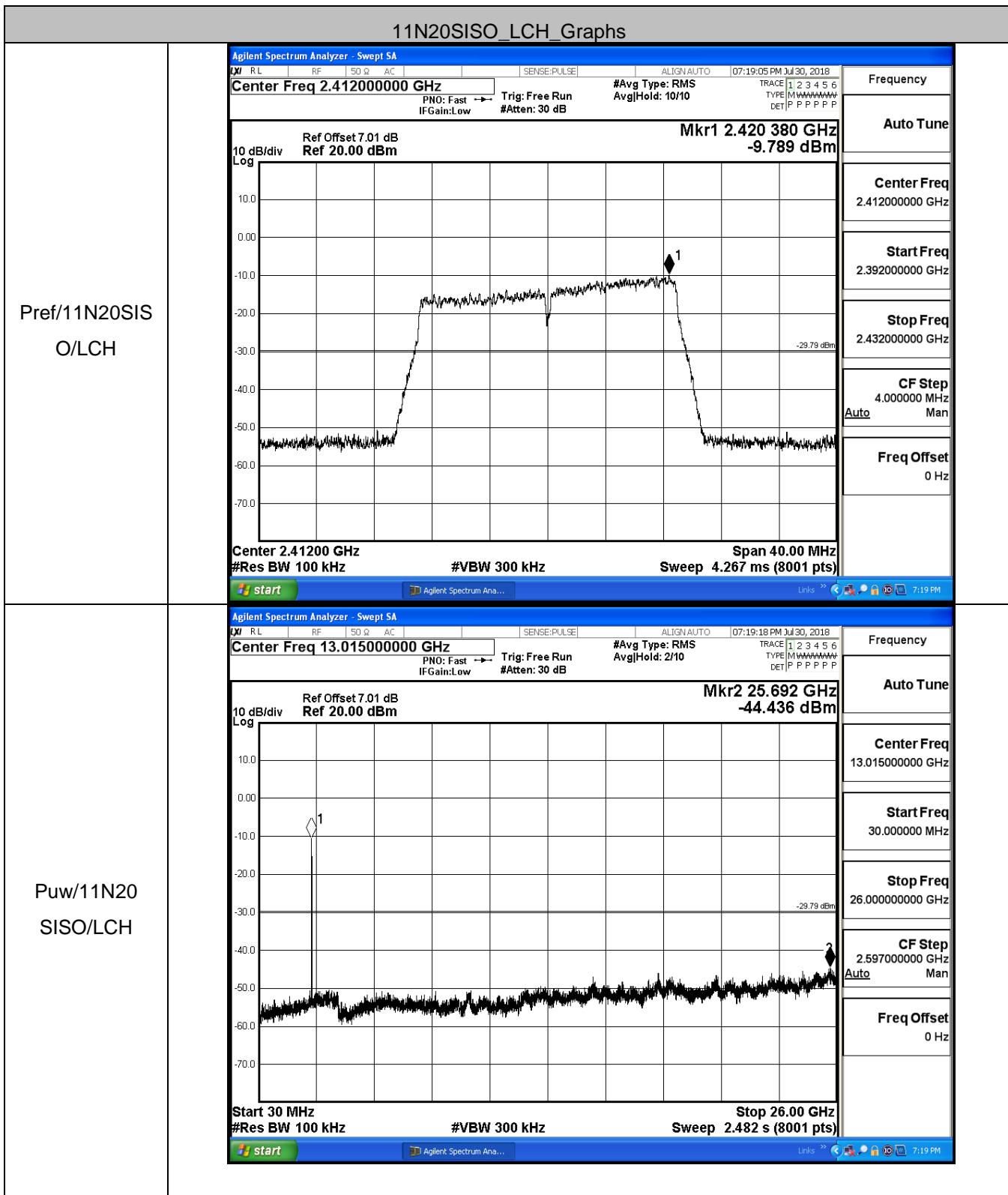


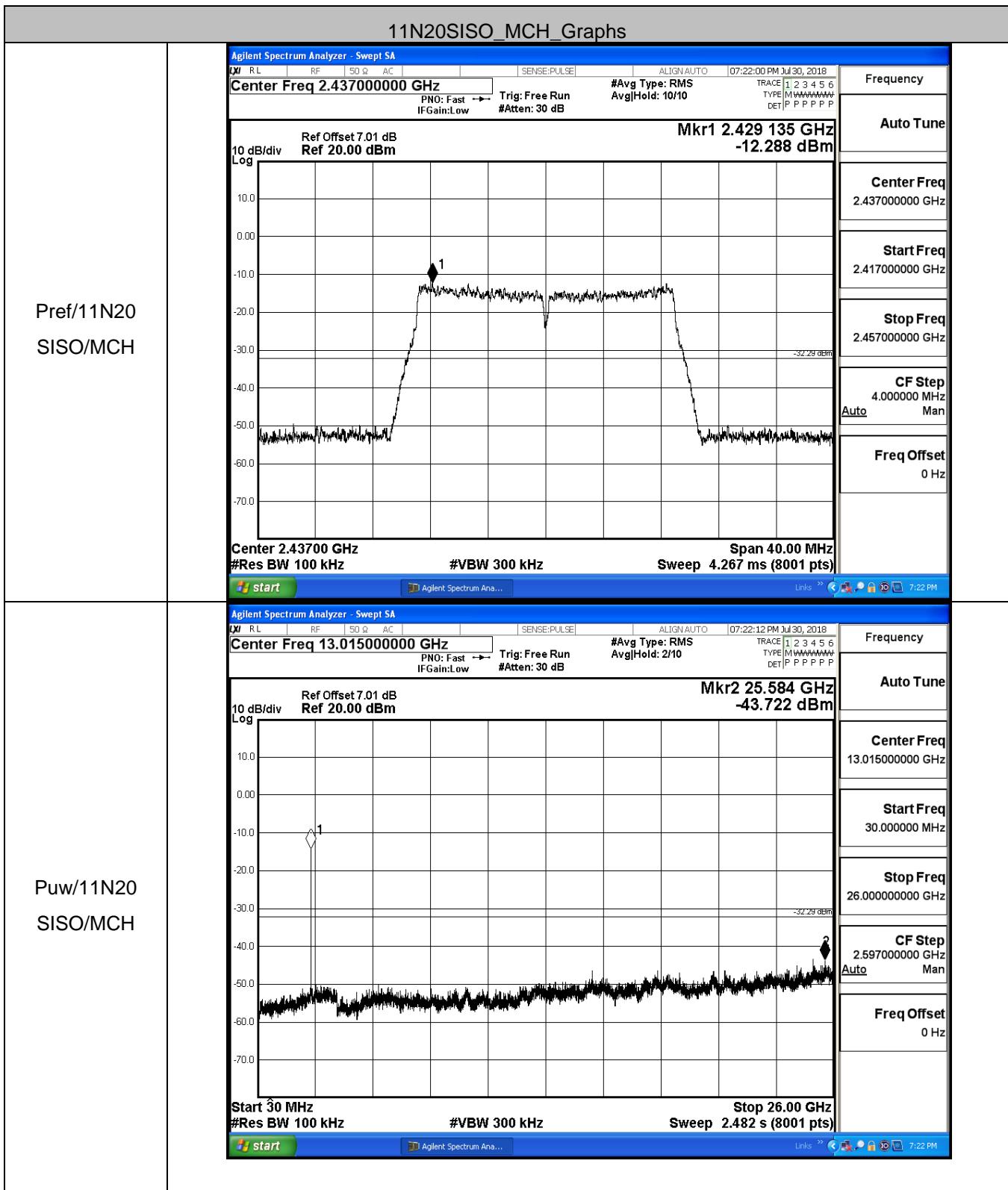
11G_MCH_Graphs

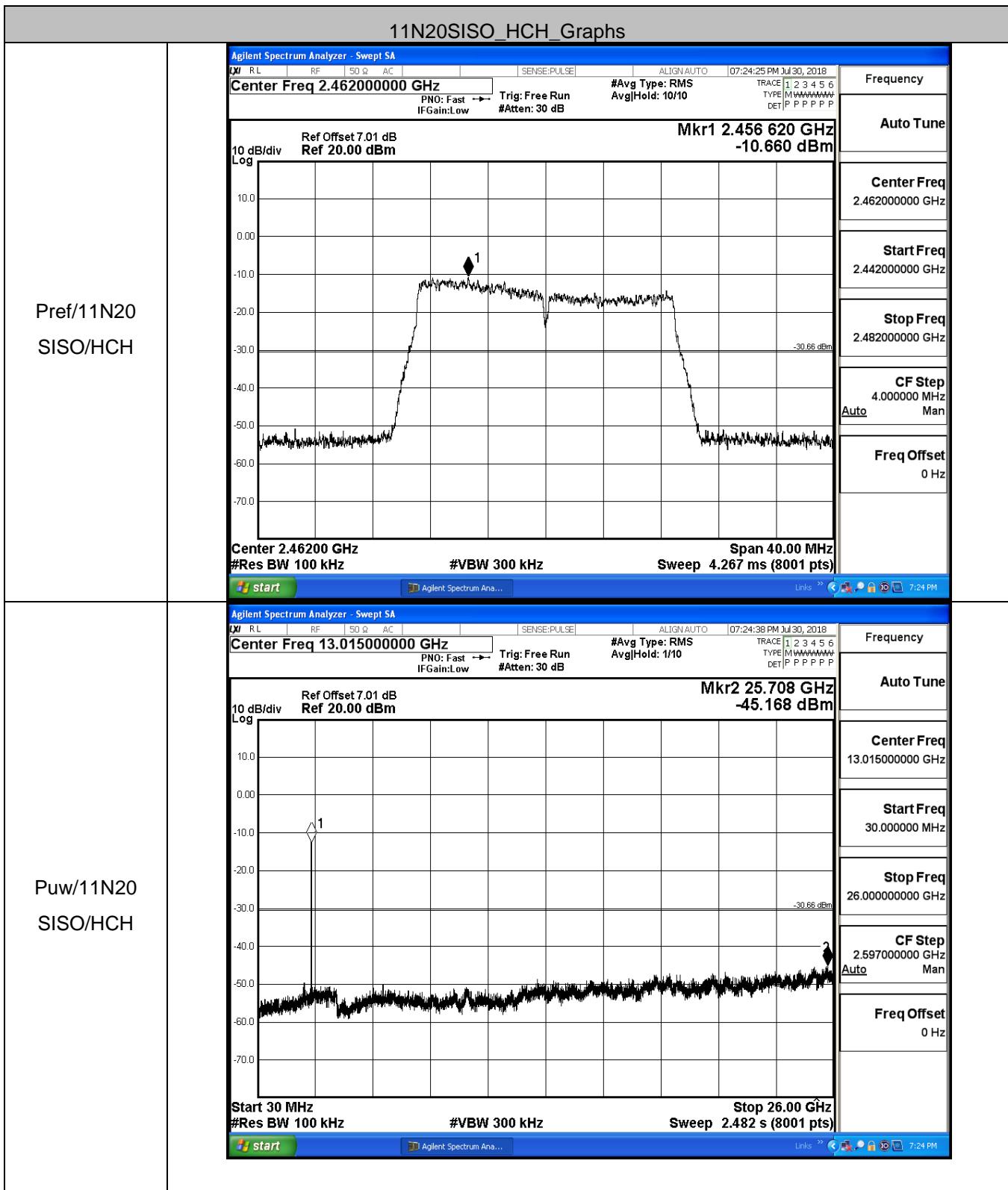


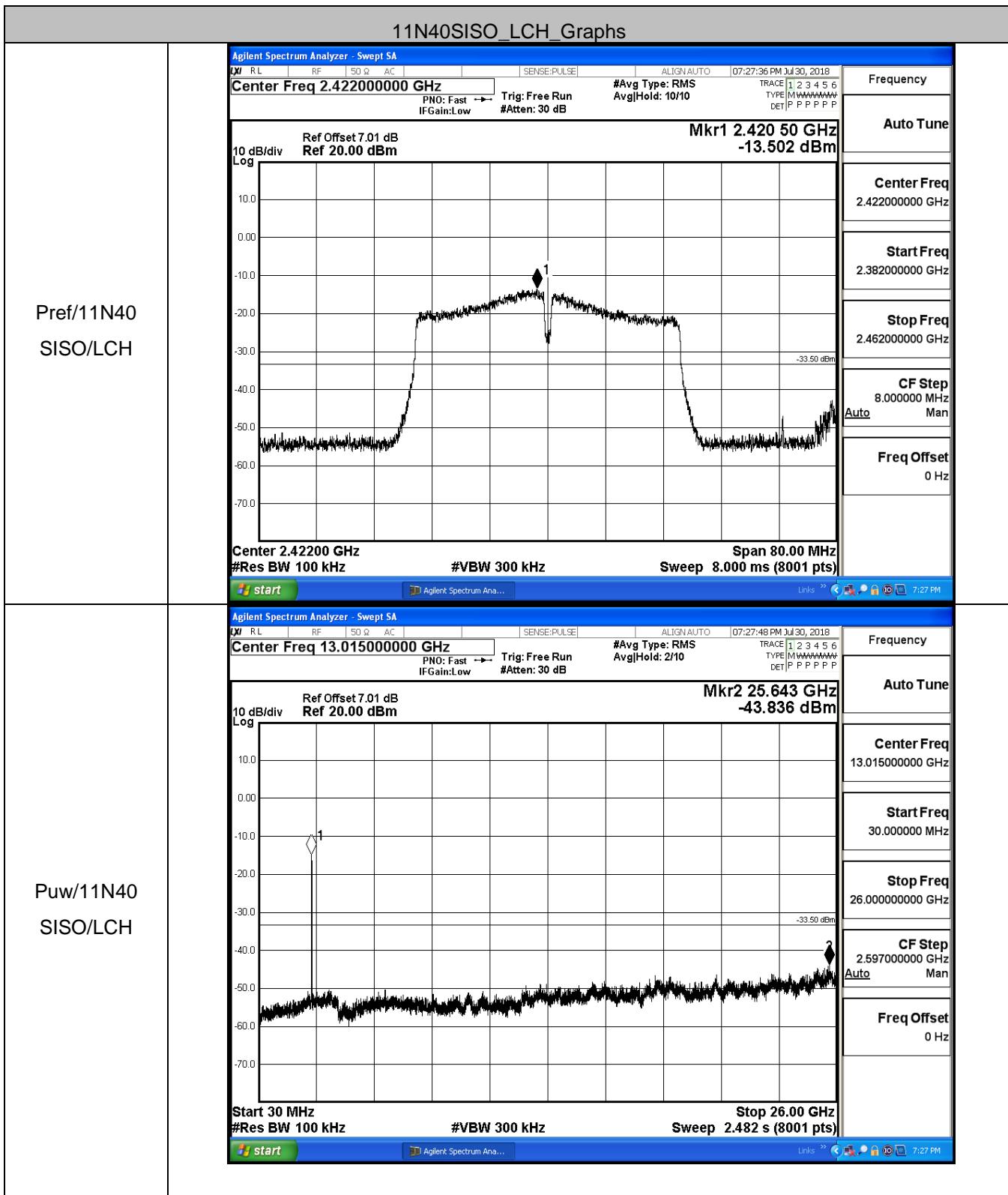
11G_HCH_Graphs

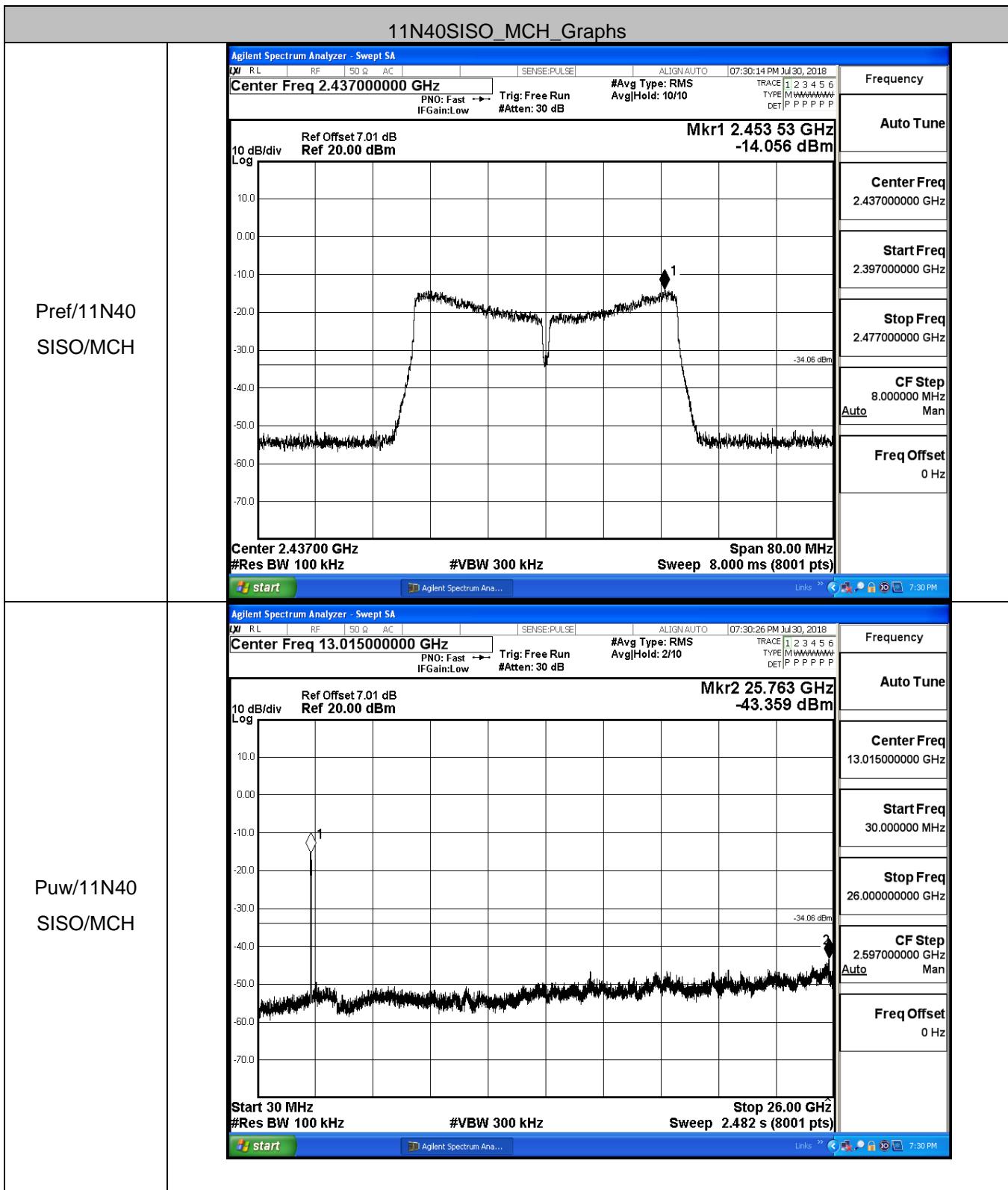


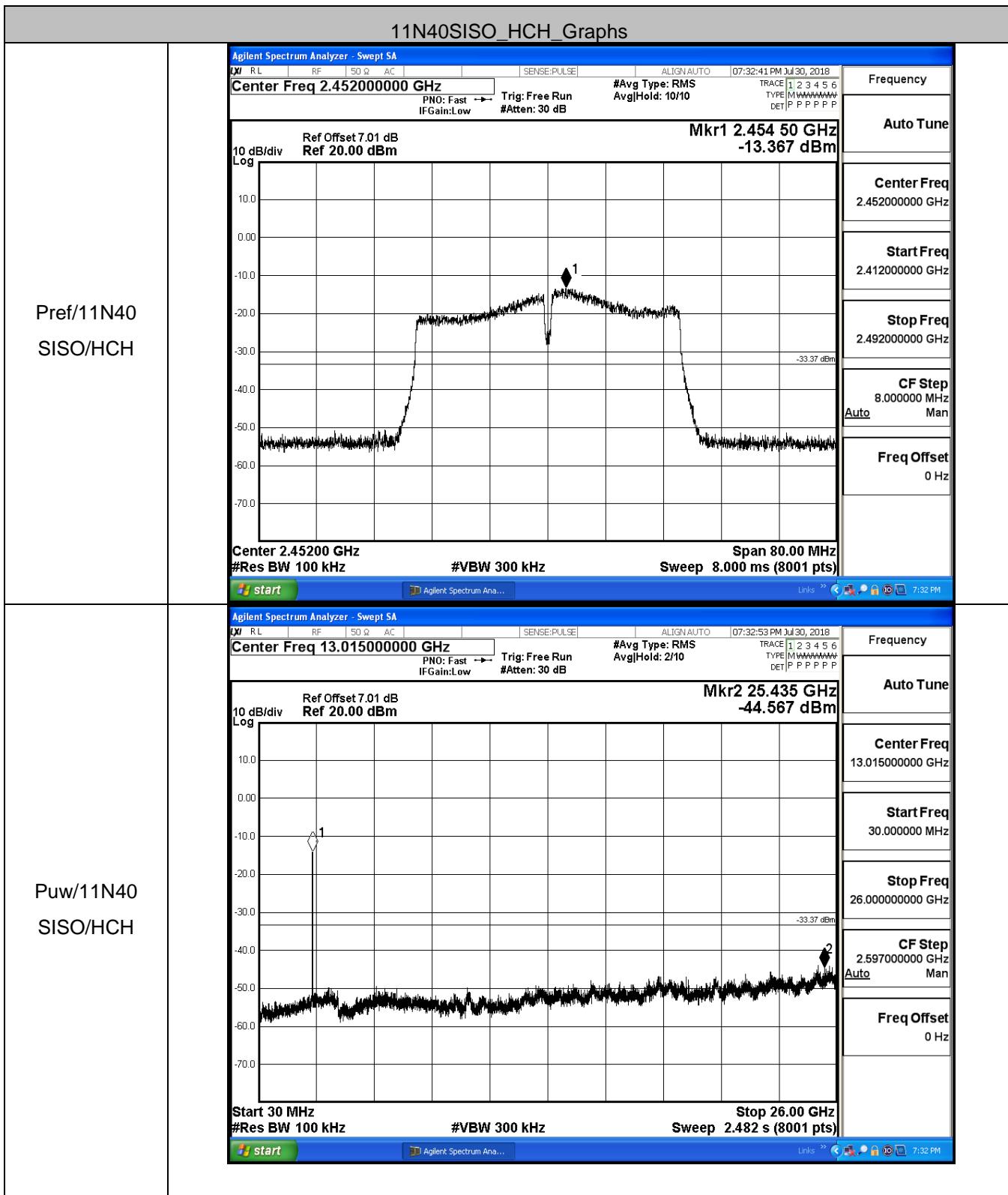






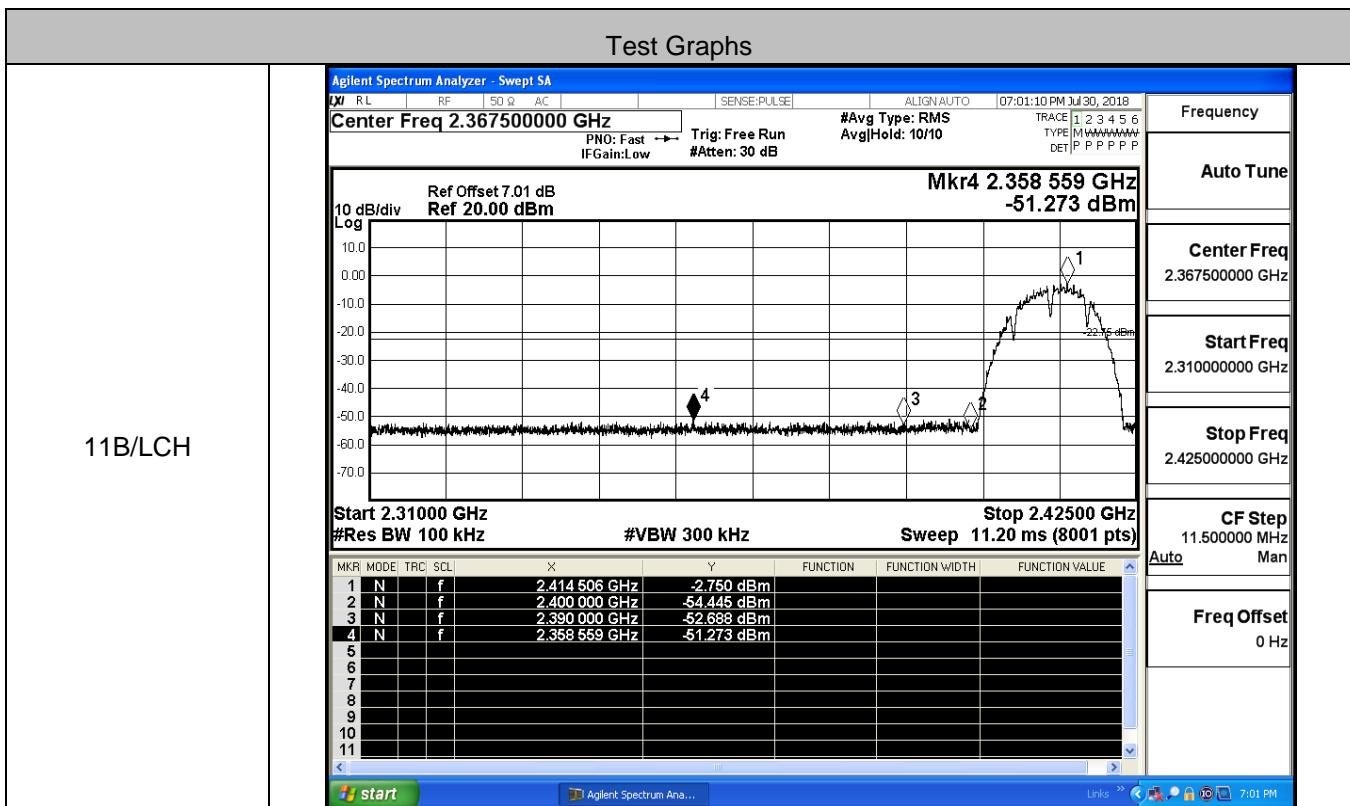




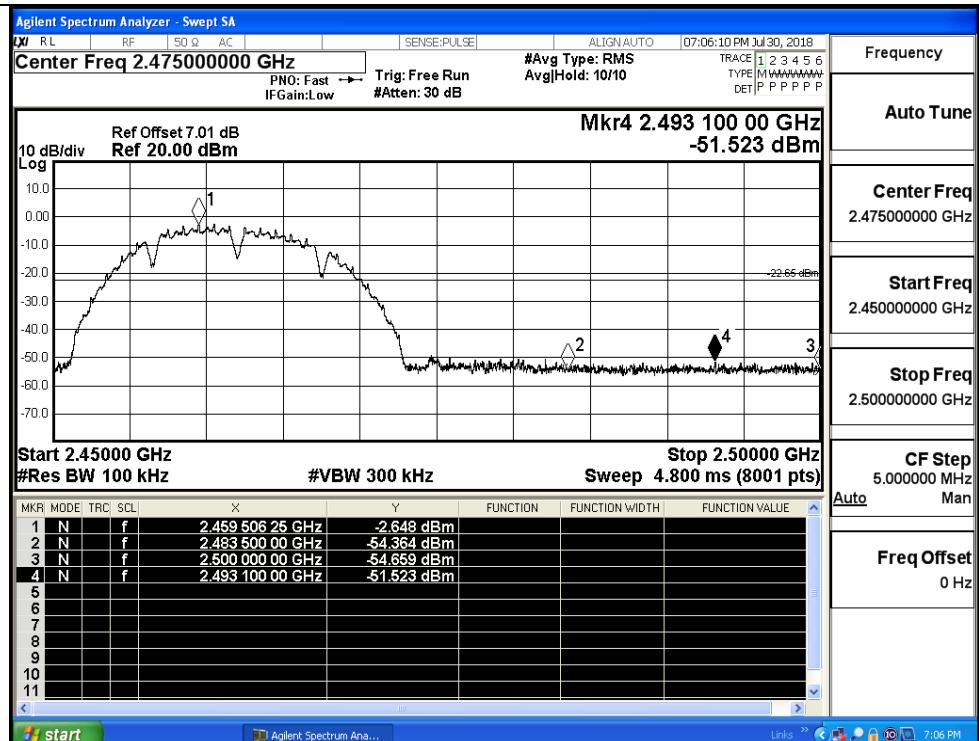


B.6 Band-edge for RF Conducted Emissions

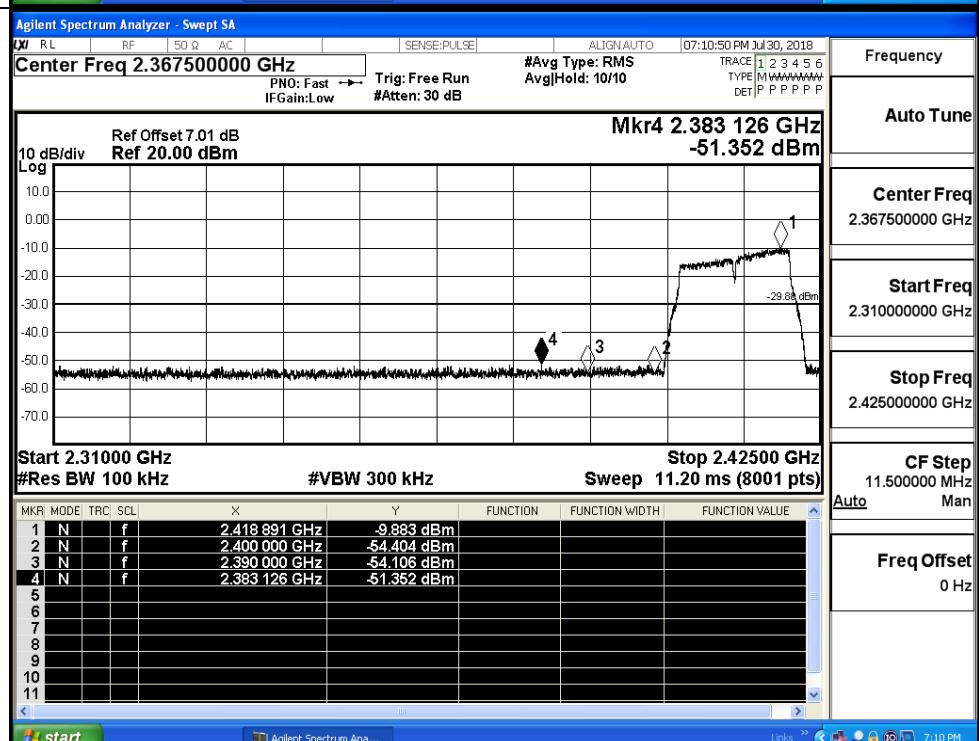
Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
11B	LCH	-2.750	-51.273	-22.75	PASS
	HCH	-2.648	-51.523	-22.65	PASS
11G	LCH	-9.883	-51.352	-29.88	PASS
	HCH	-9.609	-51.230	-29.61	PASS
11N20SISO	LCH	-9.766	-51.538	-29.77	PASS
	HCH	-10.564	-50.514	-30.56	PASS
11N40SISO	LCH	-13.503	-51.059	-33.50	PASS
	HCH	-12.374	-51.406	-32.37	PASS

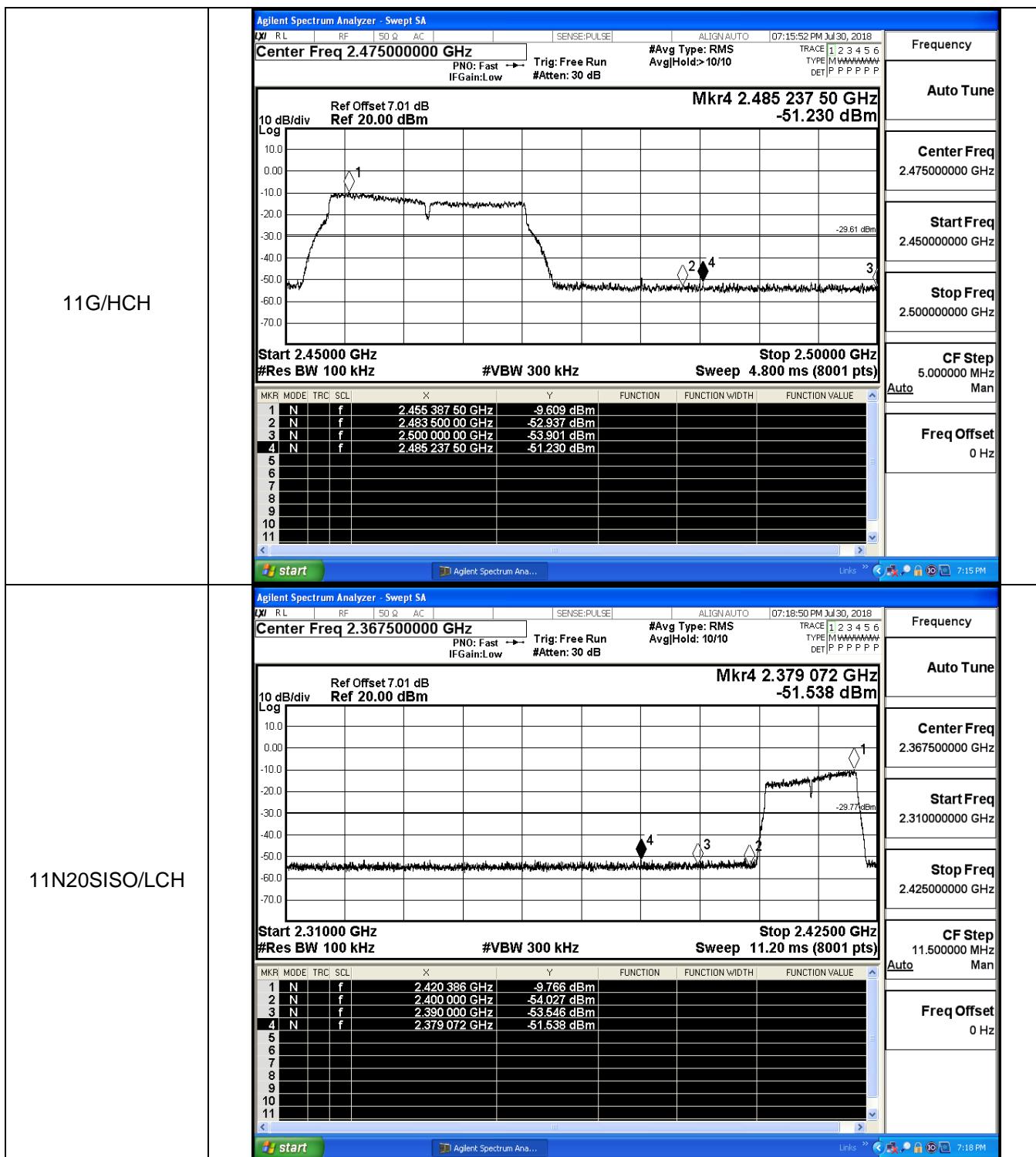


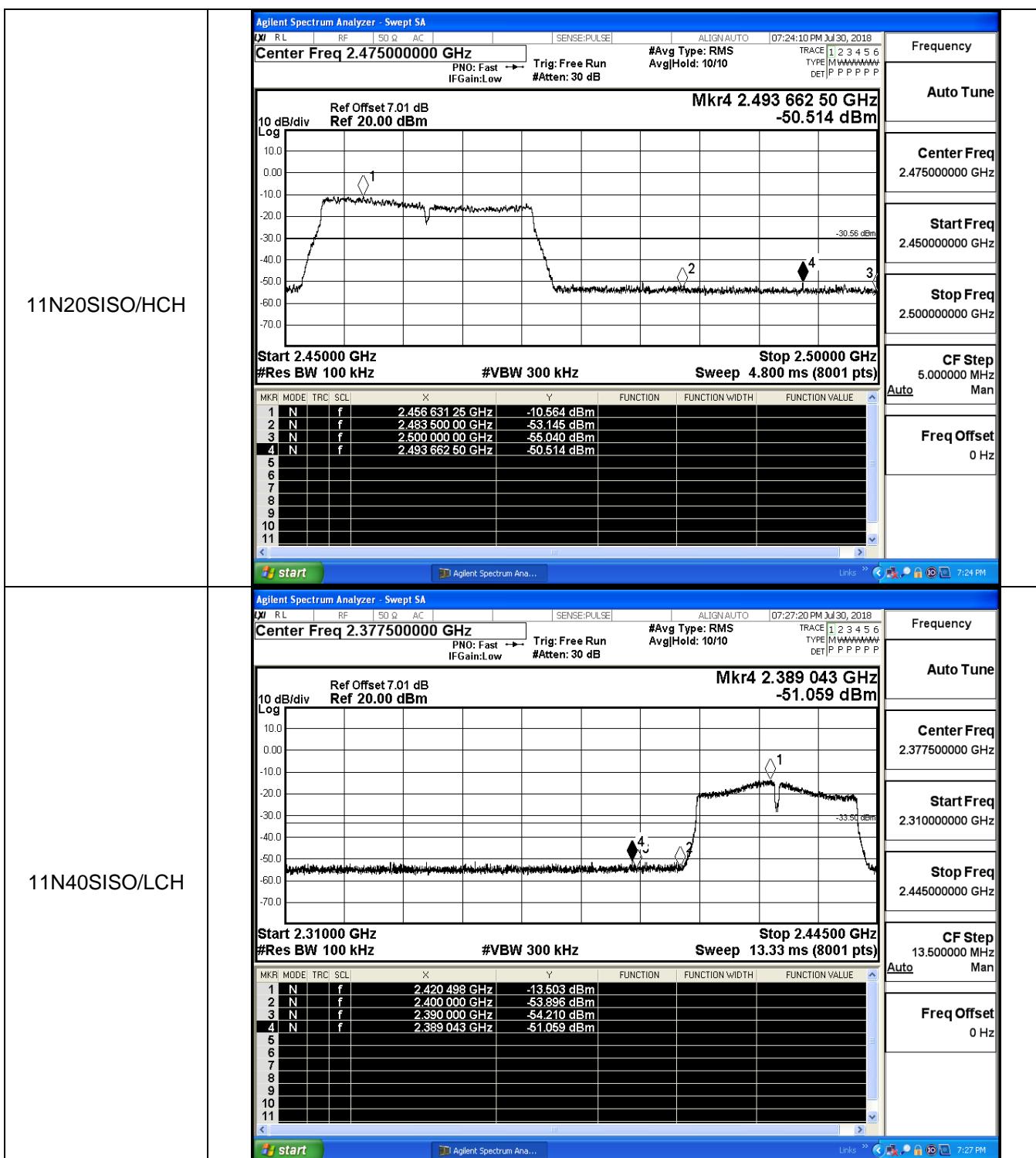
11B/HCH

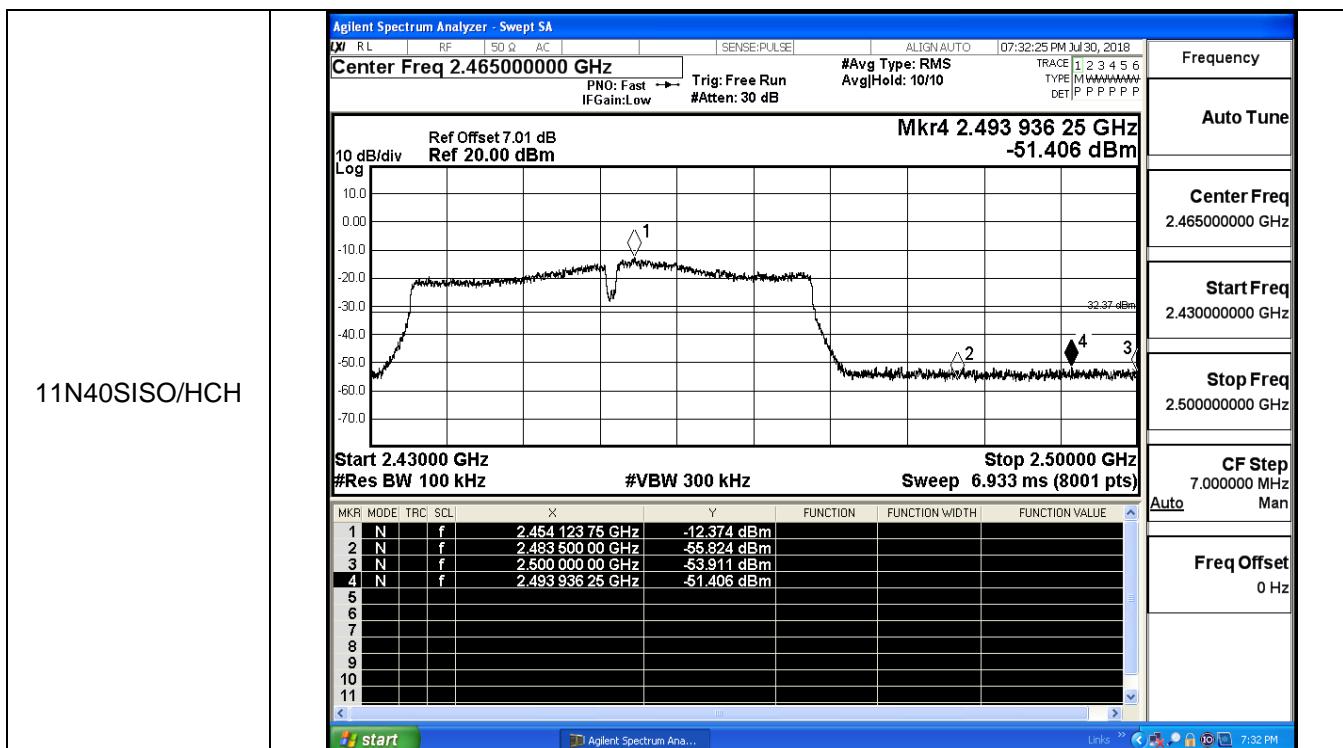


11G/LCH







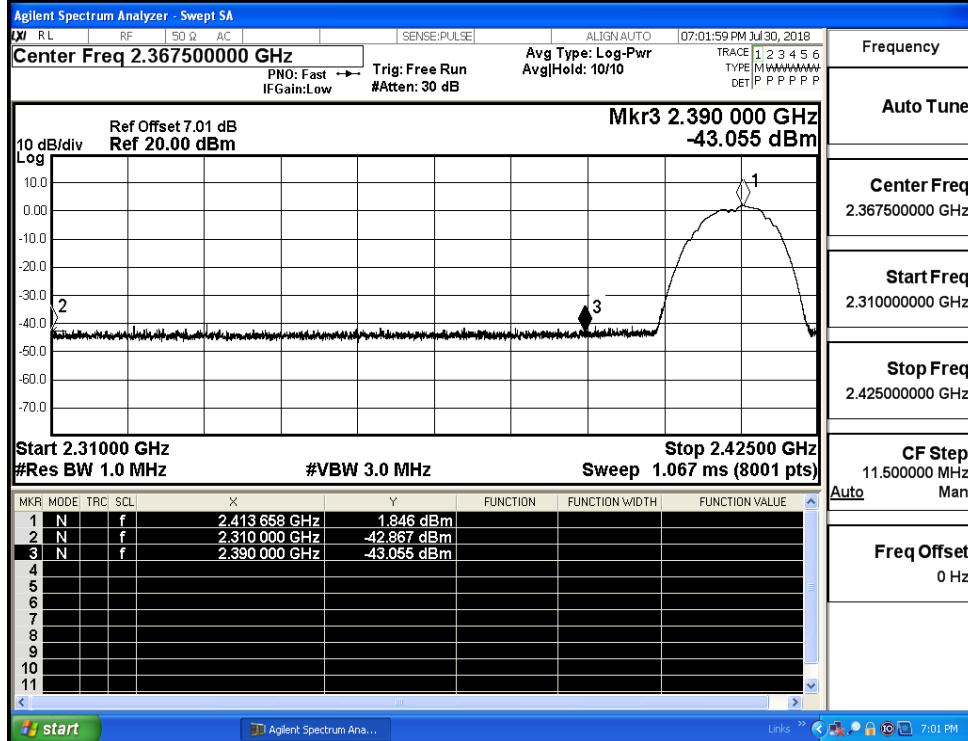


B.7 Restrict-band band-edge measurements

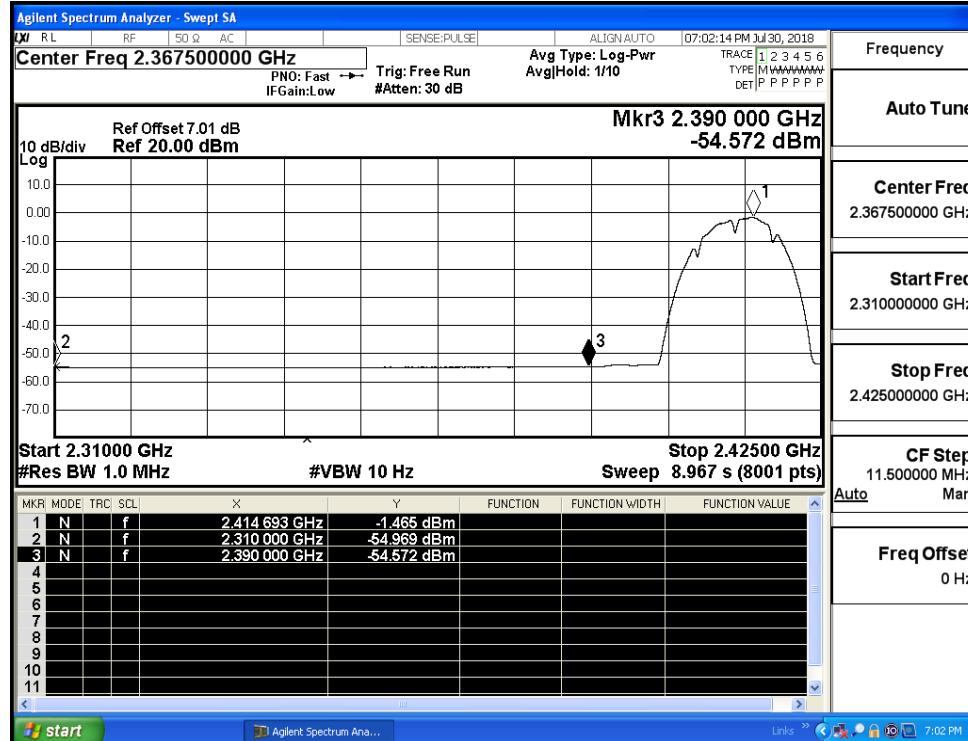
Test Mode	Test Channel	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBu V/m]	Verdict
11B	2412	Ant1	2310.0	-42.87	2.5	0	54.86	PEAK	74	PASS
	2412	Ant1	2310.0	-54.97	2.5	0	42.76	AV	54	PASS
	2412	Ant1	2390.0	-43.06	2.5	0	54.67	PEAK	74	PASS
	2412	Ant1	2390.0	-54.57	2.5	0	43.16	AV	54	PASS
	2462	Ant1	2483.5	-43.99	2.5	0	53.74	PEAK	74	PASS
	2462	Ant1	2483.5	-54.28	2.5	0	43.45	AV	54	PASS
	2462	Ant1	2500.0	-44.59	2.5	0	53.14	PEAK	74	PASS
	2462	Ant1	2500.0	-54.37	2.5	0	43.36	AV	54	PASS
11G	2412	Ant1	2310.0	-45.05	2.5	0	52.68	PEAK	74	PASS
	2412	Ant1	2310.0	-54.98	2.5	0	42.75	AV	54	PASS
	2412	Ant1	2390.0	-43.64	2.5	0	54.09	PEAK	74	PASS
	2412	Ant1	2390.0	-54.49	2.5	0	43.24	AV	54	PASS
	2462	Ant1	2483.5	-44.78	2.5	0	52.95	PEAK	74	PASS
	2462	Ant1	2483.5	-54.21	2.5	0	43.52	AV	54	PASS
	2462	Ant1	2500.0	-43.77	2.5	0	53.96	PEAK	74	PASS
	2462	Ant1	2500.0	-54.37	2.5	0	43.36	AV	54	PASS
11N20 SISO	2412	Ant1	2310.0	-43.42	2.5	0	54.31	PEAK	74	PASS
	2412	Ant1	2310.0	-54.99	2.5	0	42.74	AV	54	PASS
	2412	Ant1	2390.0	-43.42	2.5	0	54.31	PEAK	74	PASS
	2412	Ant1	2390.0	-54.54	2.5	0	43.19	AV	54	PASS
	2462	Ant1	2483.5	-44.25	2.5	0	53.48	PEAK	74	PASS
	2462	Ant1	2483.5	-54.21	2.5	0	43.52	AV	54	PASS
	2462	Ant1	2500.0	-44.63	2.5	0	53.10	PEAK	74	PASS
	2462	Ant1	2500.0	-54.37	2.5	0	43.36	AV	54	PASS
11N40 SISO	2422	Ant1	2310.0	-44.21	2.5	0	53.52	PEAK	74	PASS
	2422	Ant1	2310.0	-54.97	2.5	0	42.76	AV	54	PASS

	2422	Ant1	2390.0	-44.25	2.5	0	53.48	PEAK	74	PASS
	2422	Ant1	2390.0	-54.57	2.5	0	43.16	AV	54	PASS
	2452	Ant1	2483.5	-43.08	2.5	0	54.65	PEAK	74	PASS
	2452	Ant1	2483.5	-54.28	2.5	0	43.45	AV	54	PASS
	2452	Ant1	2500.0	-42.03	2.5	0	55.70	PEAK	74	PASS
	2452	Ant1	2500.0	-54.35	2.5	0	43.38	AV	54	PASS

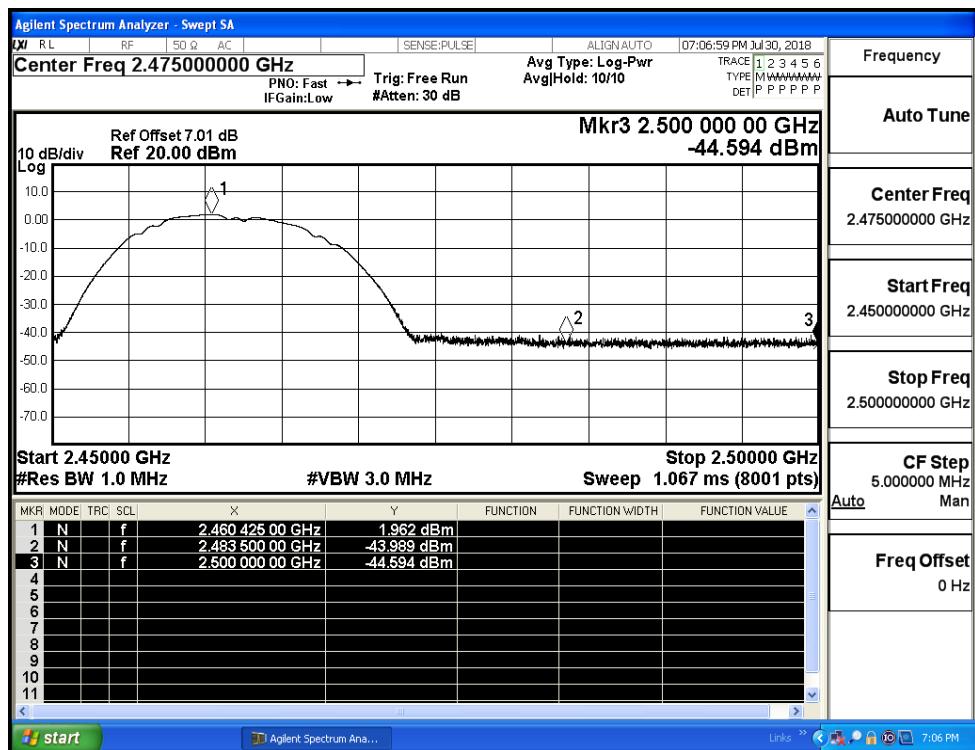
Restrict-band band-edge measurements_11B_2412_Ant1_PEAK



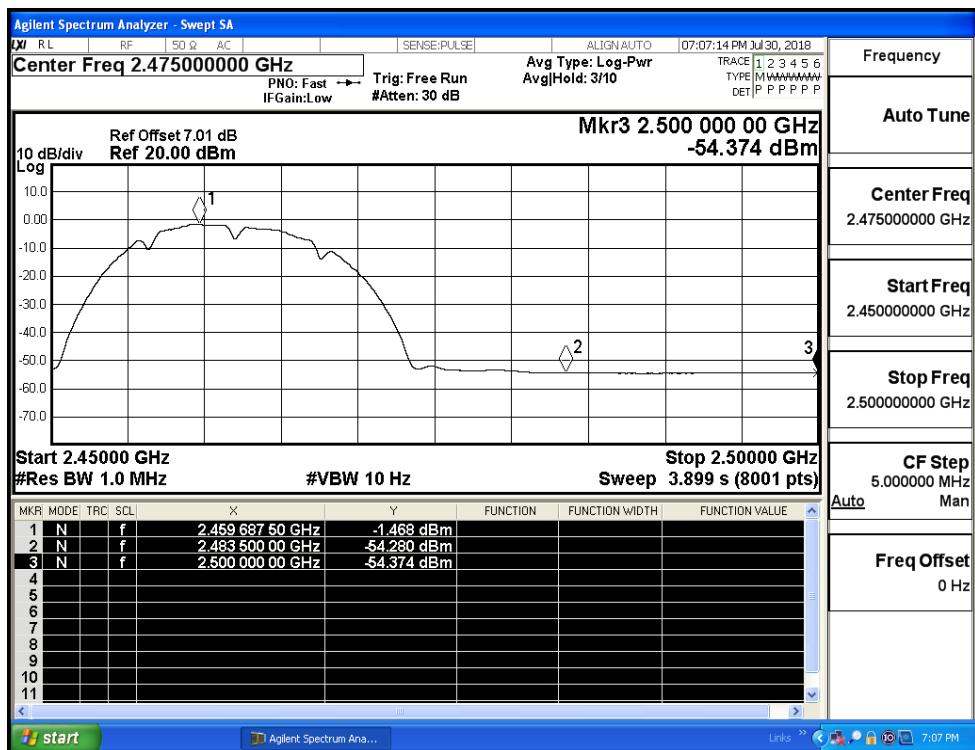
Restrict-band band-edge measurements_11B_2412_Ant1_AV



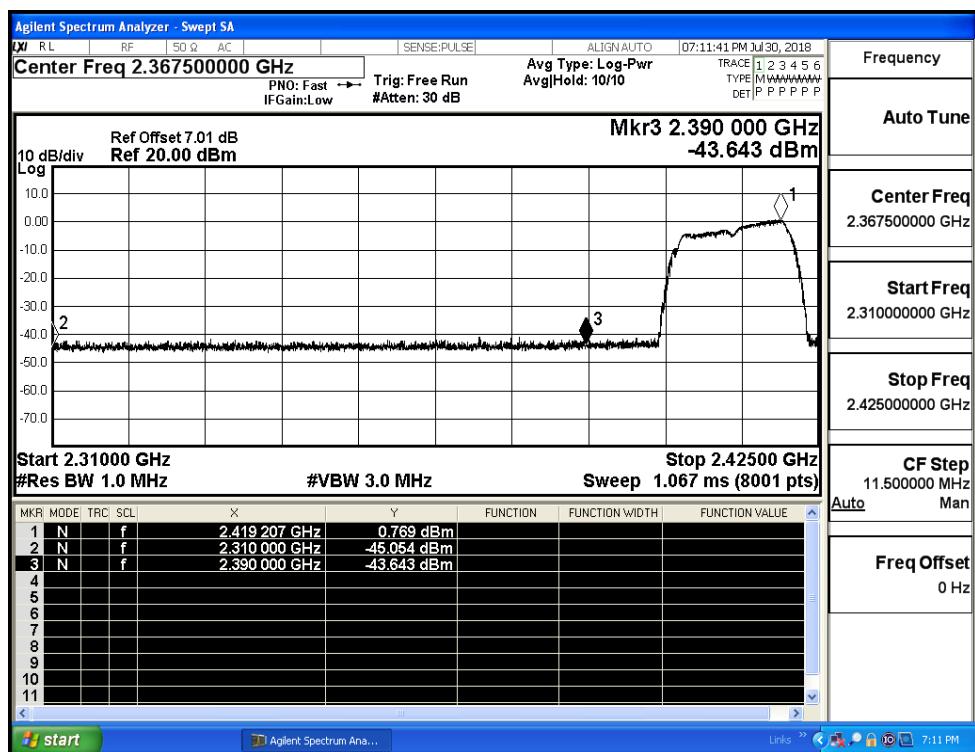
Restrict-band band-edge measurements_11B_2462_Ant1_PEAK



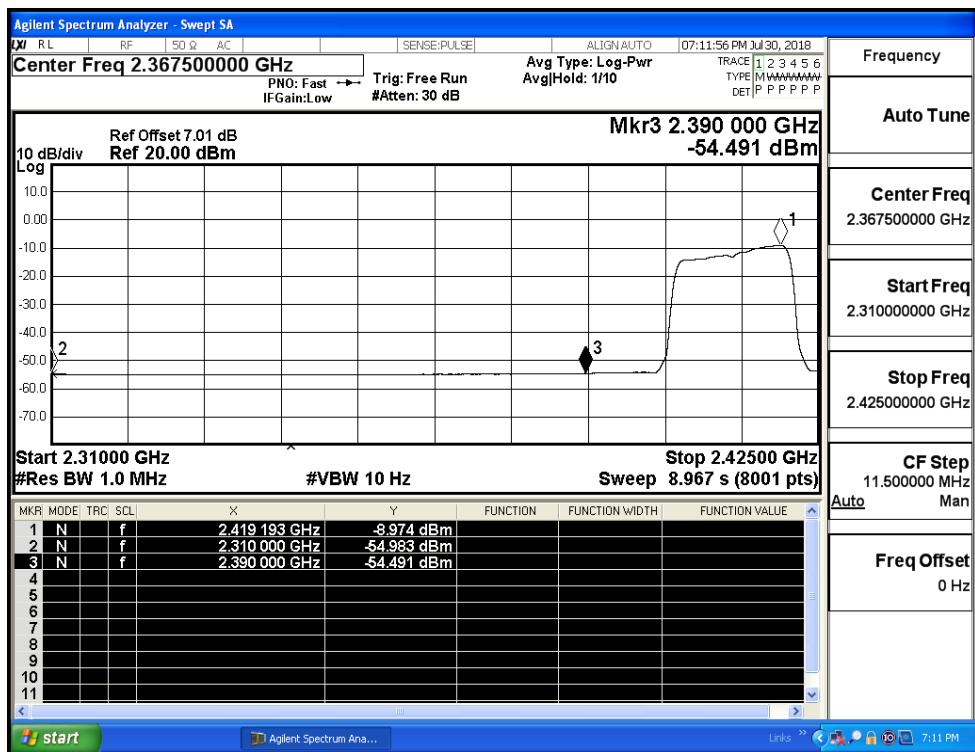
Restrict-band band-edge measurements_11B_2462_Ant1_AV



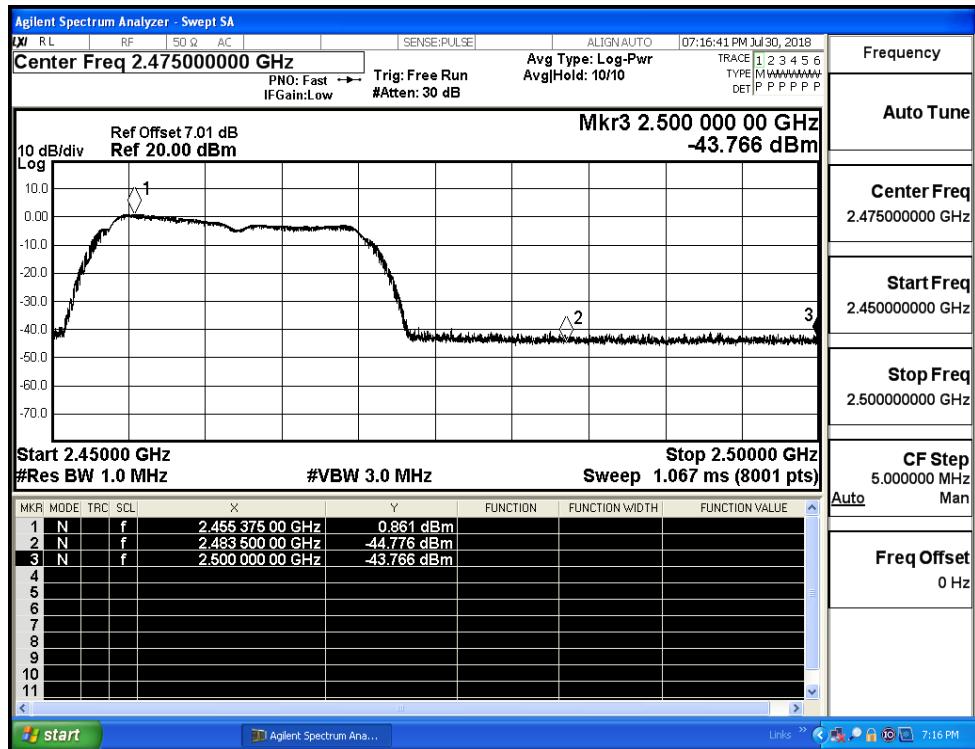
Restrict-band band-edge measurements_11G_2412_Ant1_PEAK



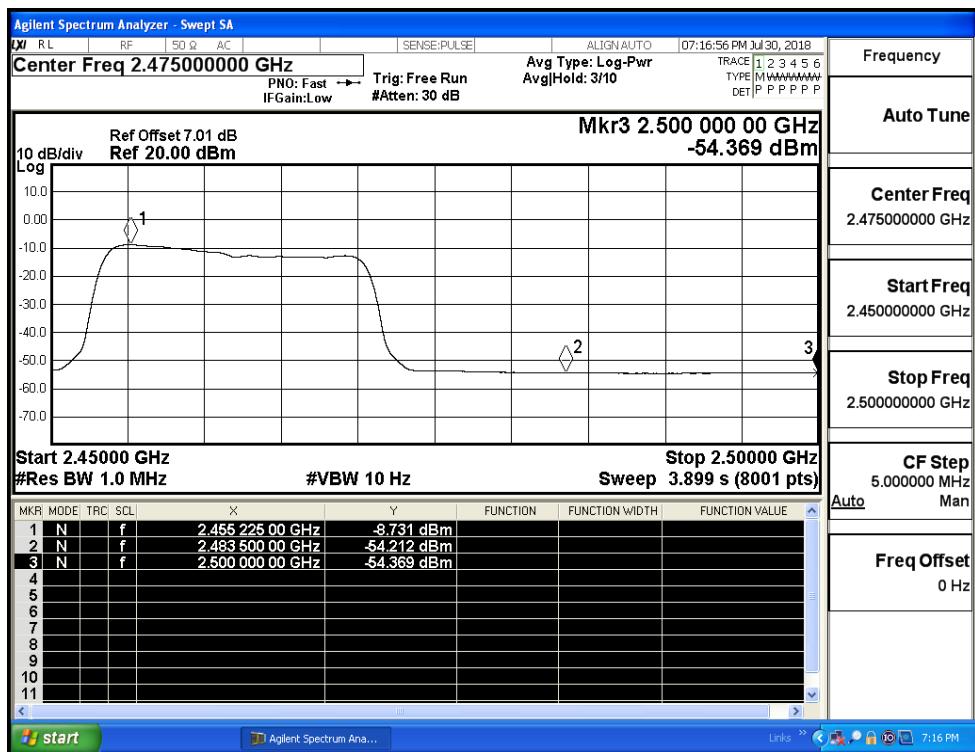
Restrict-band band-edge measurements_11G_2412_Ant1_AV



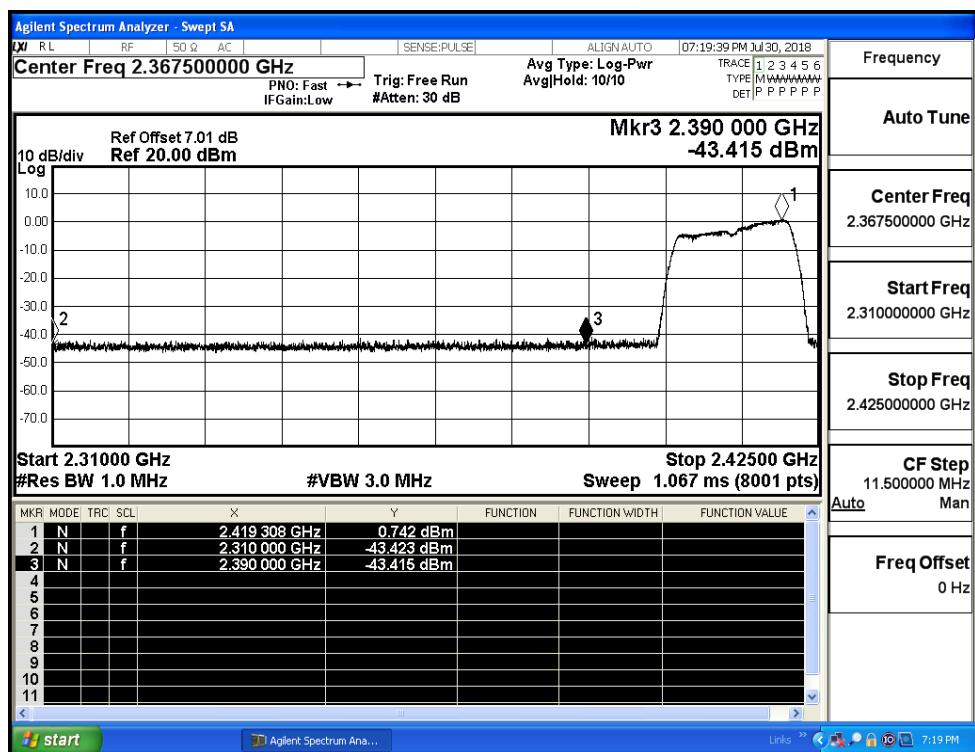
Restrict-band band-edge measurements_11G_2462_Ant1_PEAK



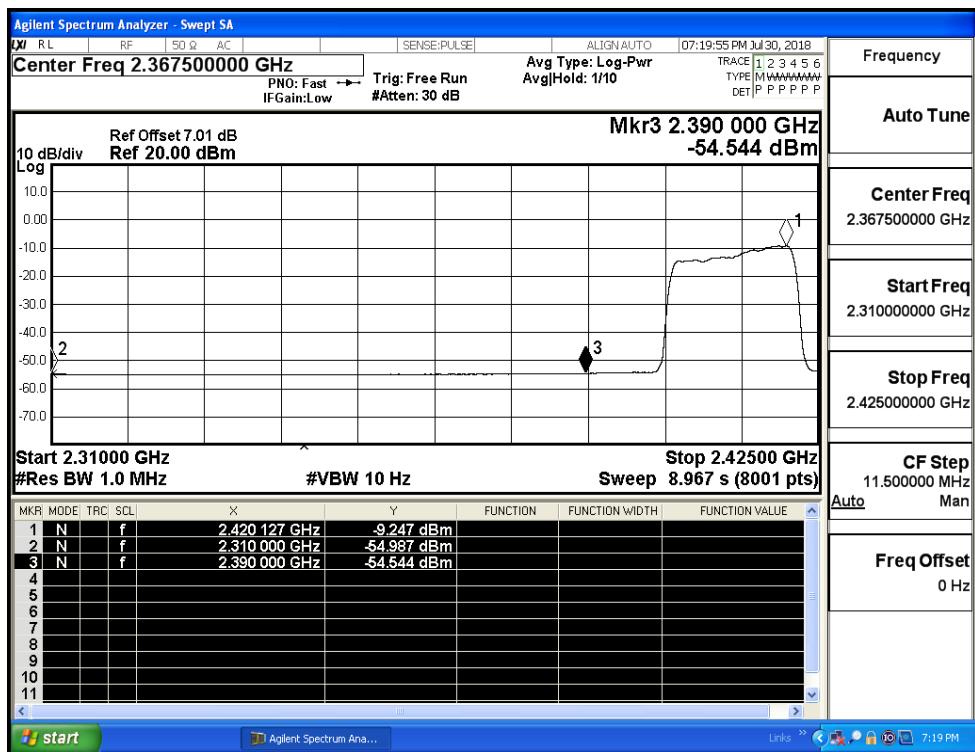
Restrict-band band-edge measurements_11G_2462_Ant1_AV



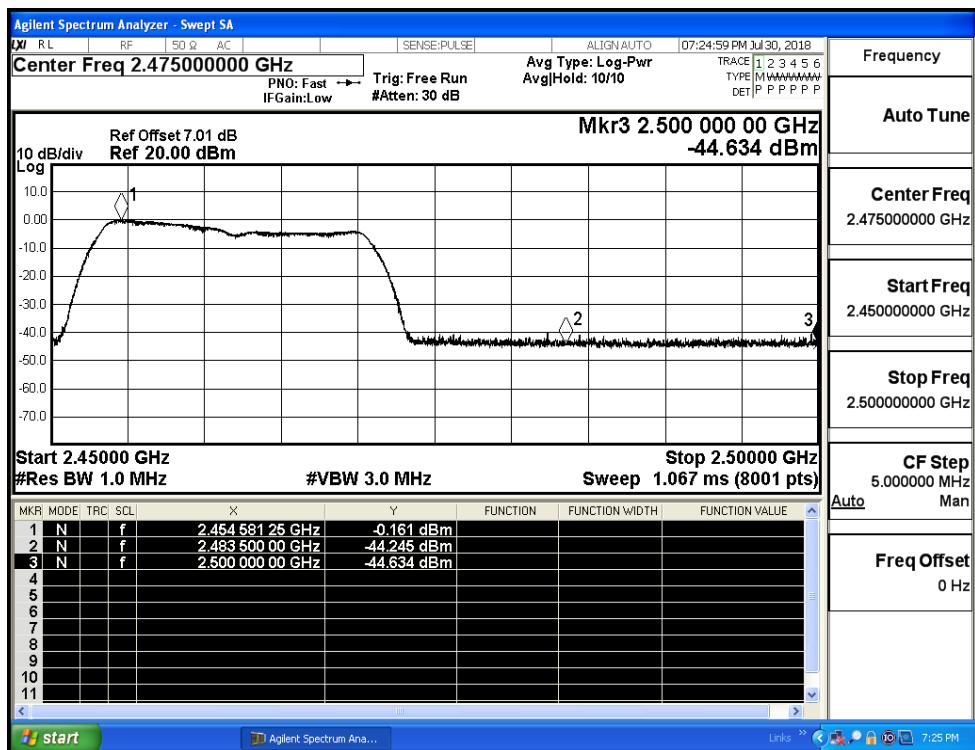
Restrict-band band-edge measurements_11N20SISO_2412_Ant1_PEAK



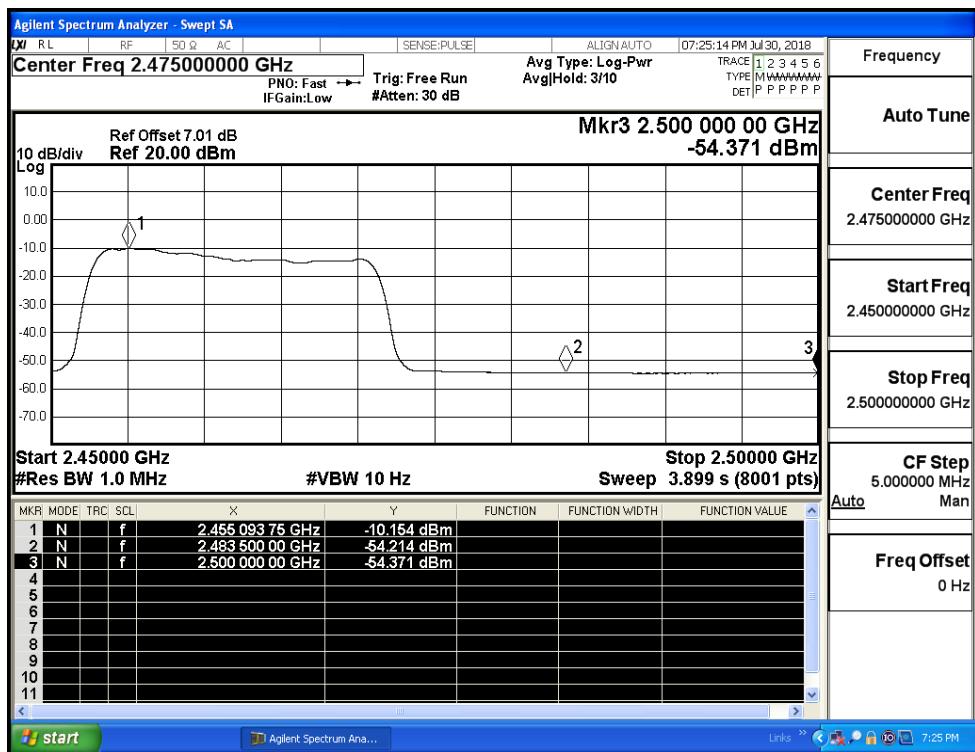
Restrict-band band-edge measurements_11N20SISO_2412_Ant1_AV



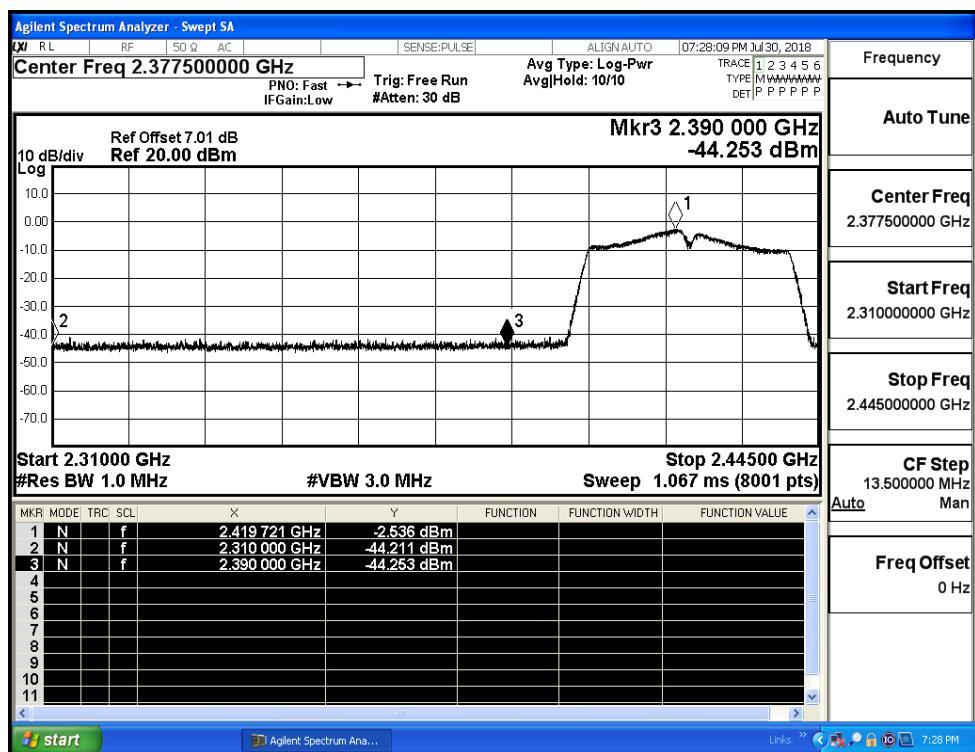
Restrict-band band-edge measurements_11N20SISO_2462_Ant1_PEAK



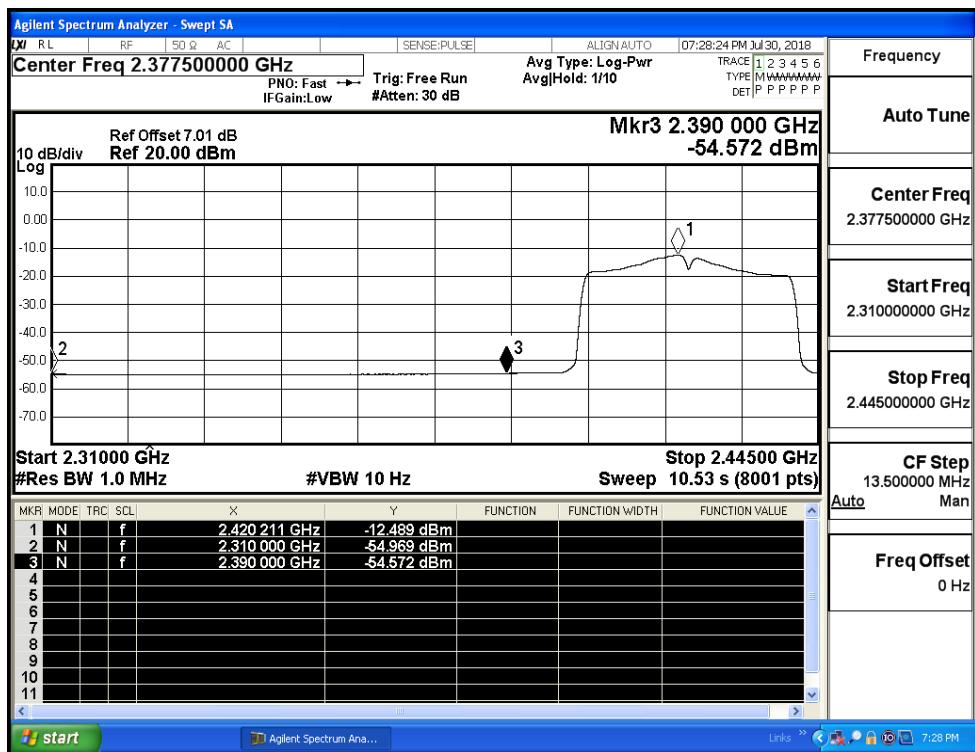
Restrict-band band-edge measurements_11N20SISO_2462_Ant1_AV



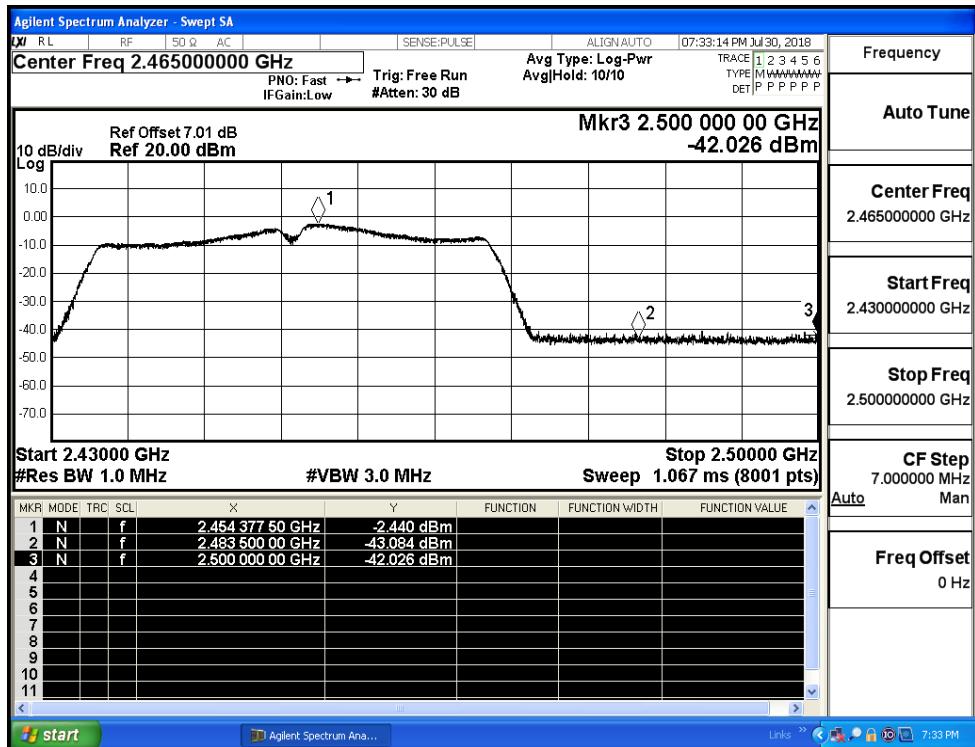
Restrict-band band-edge measurements_11N40SISO_2422_Ant1_PEAK



Restrict-band band-edge measurements_11N40SISO_2422_Ant1_AV



Restrict-band band-edge measurements_11N40SISO_2452_Ant1_PEAK



Restrict-band band-edge measurements_11N40SISO_2452_Ant1_AV

