

Appendix A

RF Test Data for 2.4G WIFI (Conducted Measurement)

Product Name: Owlet Baby Camera

Trade Mark: Owlet

Test Model: OC1A

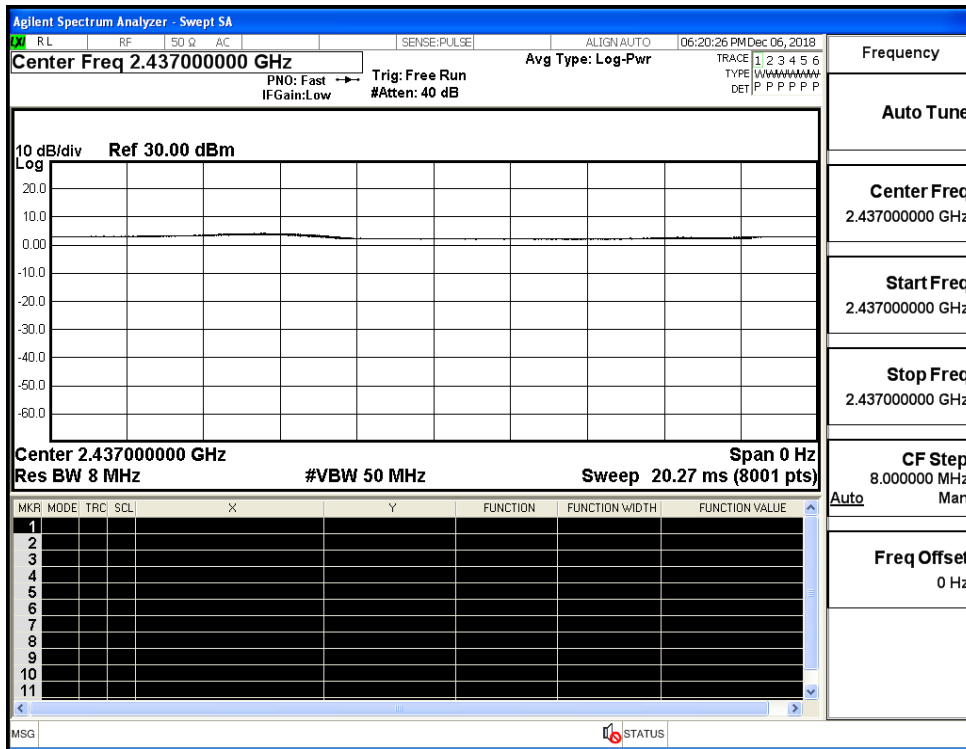
Environmental Conditions

Temperature:	22.8 ° C
Relative Humidity:	53.2%
ATM Pressure:	100.0 kPa
Test Engineer:	Diamond.Lu
Supervised by:	Jayden.Zhuo

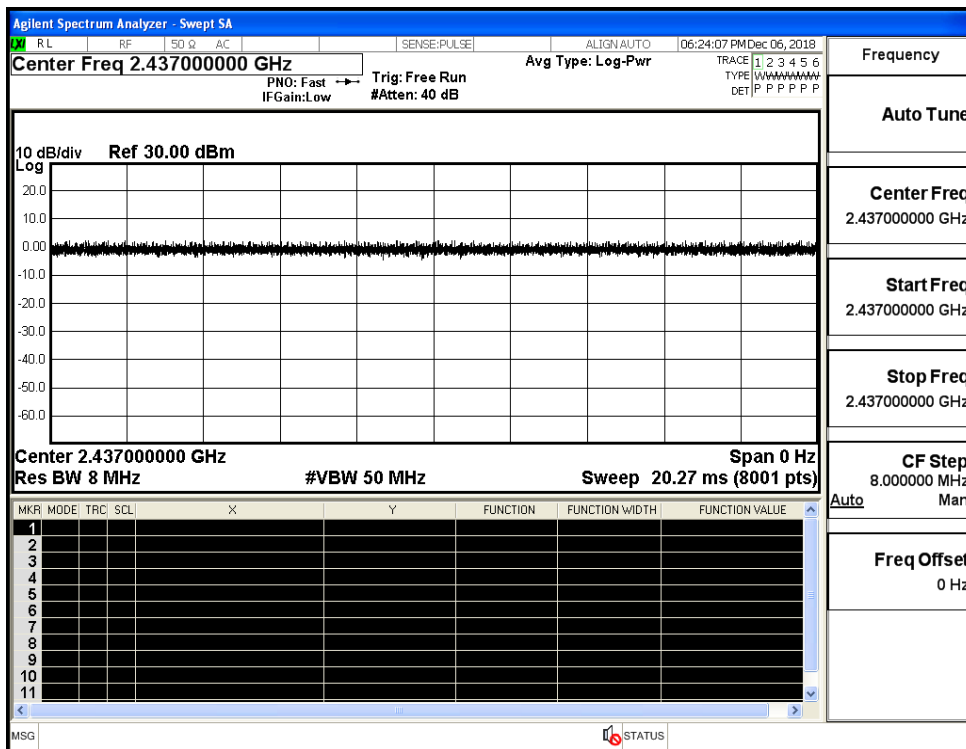
A.1 Duty Cycle

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

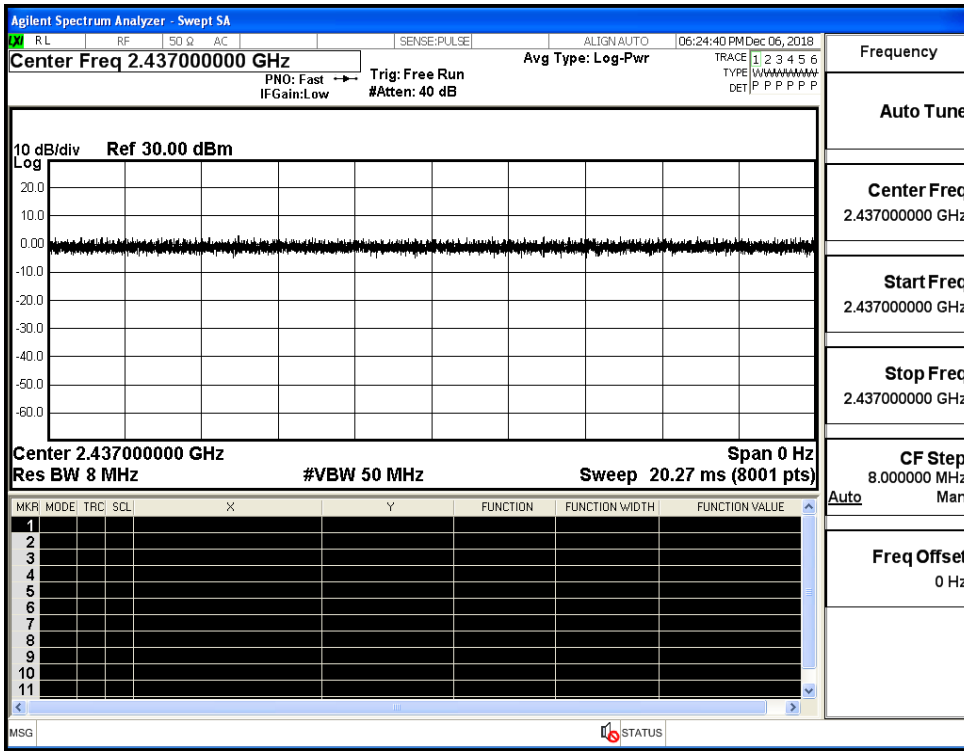
Duty Cycle_11B_2437_Ant1



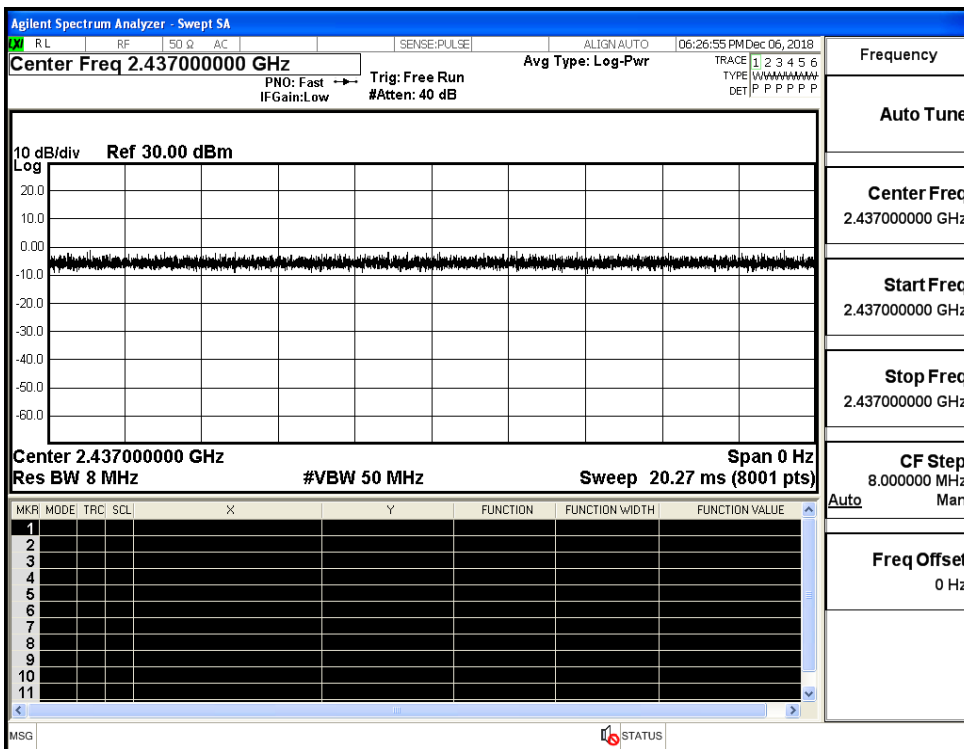
Duty Cycle_11G_2437_Ant1



Duty Cycle_11N20SISO_2437_Ant1



Duty Cycle_11N40SISO_2437_Ant1



A.2 Maximum Conducted Output Power

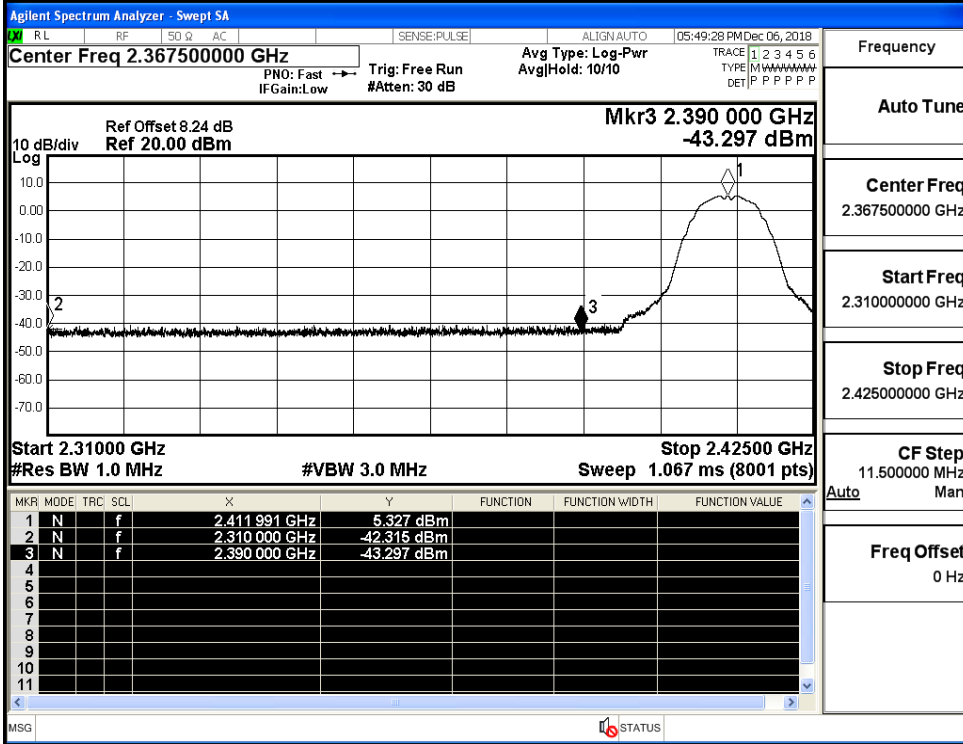
Mode	Channel	Meas.Level [dBm]	Limit [dBm]	Verdict
11B	LCH	12.01	30	PASS
	MCH	11.05	30	PASS
	HCH	10.93	30	PASS
11G	LCH	12.19	30	PASS
	MCH	11.04	30	PASS
	HCH	10.77	30	PASS
11N20SISO	LCH	11.06	30	PASS
	MCH	11.04	30	PASS
	HCH	10.78	30	PASS
11N40SISO	LCH	11.22	30	PASS
	MCH	11.29	30	PASS
	HCH	11.31	30	PASS

A.3 Restrict-band band-edge measurements

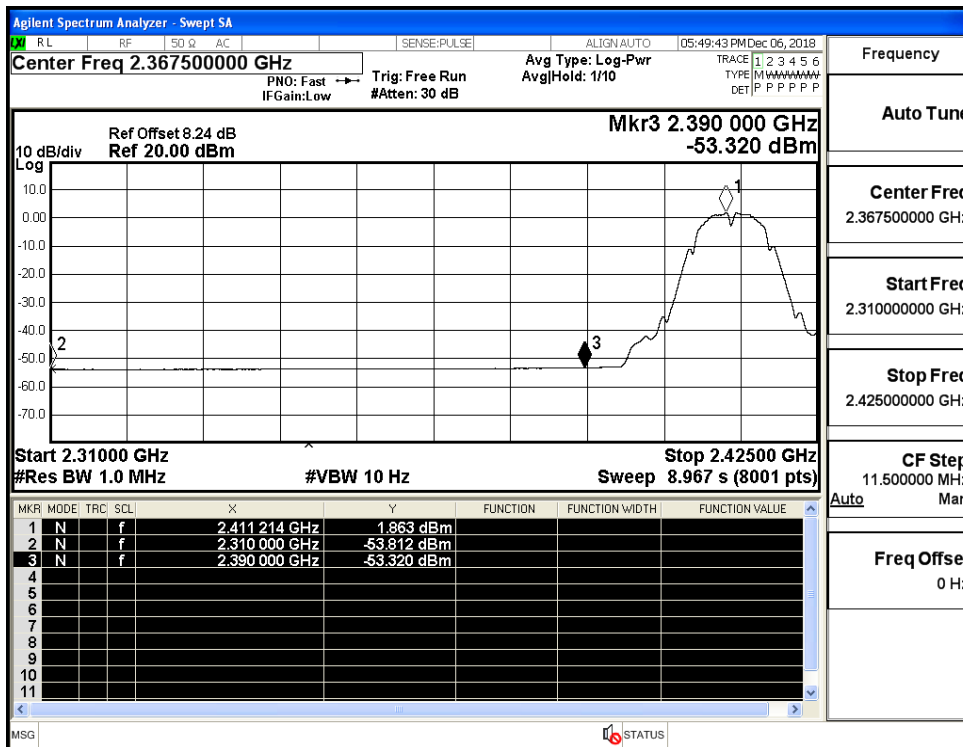
Test Mode	Test Channel	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBu V/m]	Verdict
11B	2412	Ant1	2310.0	-42.32	3.0	0	55.94	PEAK	74	PASS
	2412	Ant1	2310.0	-53.81	3.0	0	44.45	AV	54	PASS
	2412	Ant1	2390.0	-43.30	3.0	0	54.96	PEAK	74	PASS
	2412	Ant1	2390.0	-53.32	3.0	0	44.94	AV	54	PASS
	2462	Ant1	2483.5	-42.18	3.0	0	56.08	PEAK	74	PASS
	2462	Ant1	2483.5	-53.14	3.0	0	45.12	AV	54	PASS
	2462	Ant1	2500.0	-43.15	3.0	0	55.11	PEAK	74	PASS
	2462	Ant1	2500.0	-53.12	3.0	0	45.14	AV	54	PASS
11G	2412	Ant1	2310.0	-44.07	3.0	0	54.19	PEAK	74	PASS
	2412	Ant1	2310.0	-53.82	3.0	0	44.44	AV	54	PASS
	2412	Ant1	2390.0	-41.24	3.0	0	57.02	PEAK	74	PASS
	2412	Ant1	2390.0	-52.89	3.0	0	45.37	AV	54	PASS
	2462	Ant1	2483.5	-43.51	3.0	0	54.75	PEAK	74	PASS
	2462	Ant1	2483.5	-52.74	3.0	0	45.52	AV	54	PASS
	2462	Ant1	2500.0	-42.56	3.0	0	55.7	PEAK	74	PASS
	2462	Ant1	2500.0	-53.07	3.0	0	45.19	AV	54	PASS
11N20 SISO	2412	Ant1	2310.0	-42.59	3.0	0	55.67	PEAK	74	PASS
	2412	Ant1	2310.0	-53.82	3.0	0	44.44	AV	54	PASS
	2412	Ant1	2390.0	-37.03	3.0	0	61.23	PEAK	74	PASS
	2412	Ant1	2390.0	-51.05	3.0	0	47.21	AV	54	PASS
	2462	Ant1	2483.5	-40.88	3.0	0	57.38	PEAK	74	PASS
	2462	Ant1	2483.5	-51.90	3.0	0	46.36	AV	54	PASS
	2462	Ant1	2500.0	-42.32	3.0	0	55.94	PEAK	74	PASS
	2462	Ant1	2500.0	-53.06	3.0	0	45.2	AV	54	PASS
11N40 SISO	2422	Ant1	2310.0	-43.86	3.0	0	54.4	PEAK	74	PASS
	2422	Ant1	2310.0	-53.82	3.0	0	44.44	AV	54	PASS

	2422	Ant1	2390.0	-38.39	3.0	0	59.87	PEAK	74	PASS
	2422	Ant1	2390.0	-50.08	3.0	0	48.18	AV	54	PASS
	2452	Ant1	2483.5	-39.56	3.0	0	58.7	PEAK	74	PASS
	2452	Ant1	2483.5	-51.59	3.0	0	46.67	AV	54	PASS
	2452	Ant1	2500.0	-42.39	3.0	0	55.87	PEAK	74	PASS
	2452	Ant1	2500.0	-53.05	3.0	0	45.21	AV	54	PASS

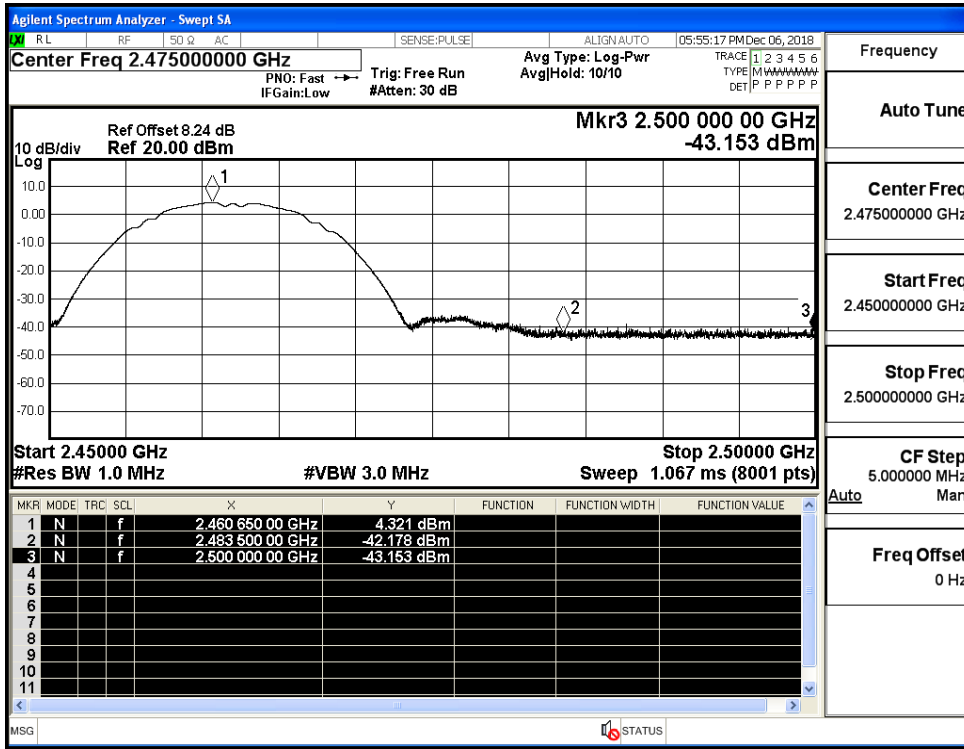
Restrict-band band-edge measurements_11B_2412_Ant1_PEAK



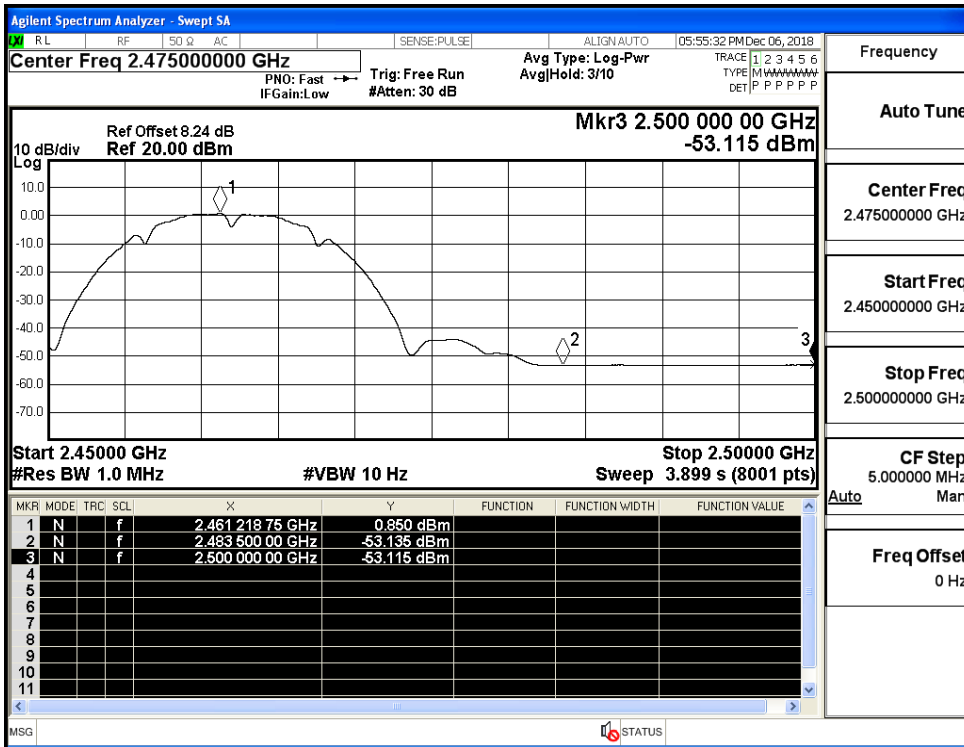
Restrict-band band-edge measurements_11B_2412_Ant1_AV



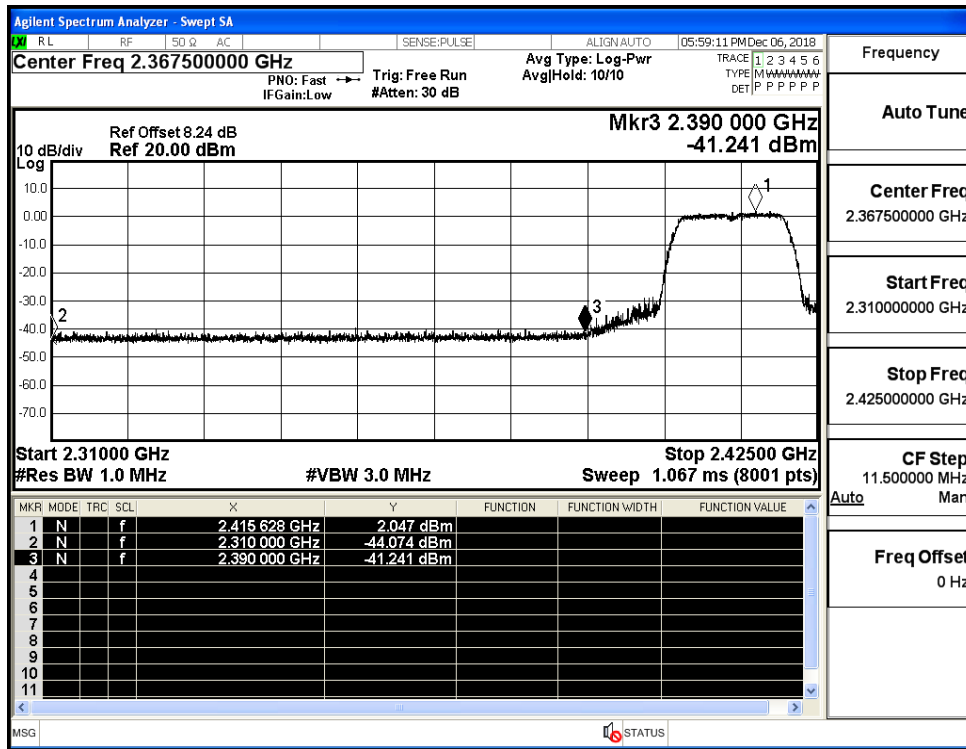
Restrict-band band-edge measurements_11B_2462_Ant1_PEAK



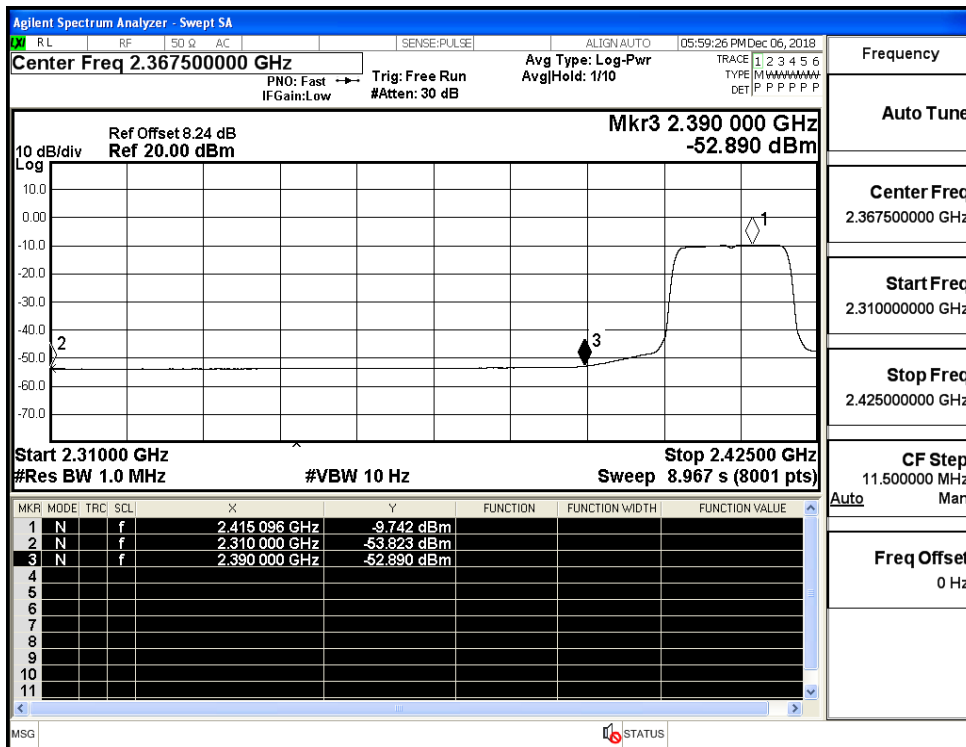
Restrict-band band-edge measurements_11B_2462_Ant1_AV



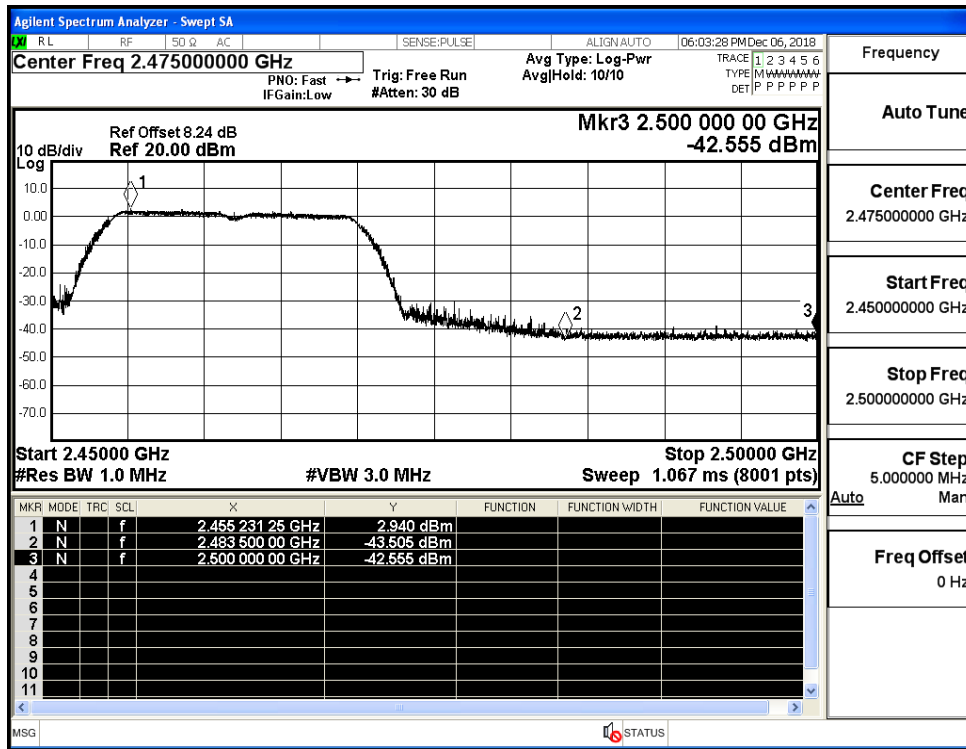
Restrict-band band-edge measurements_11G_2412_Ant1_PEAK



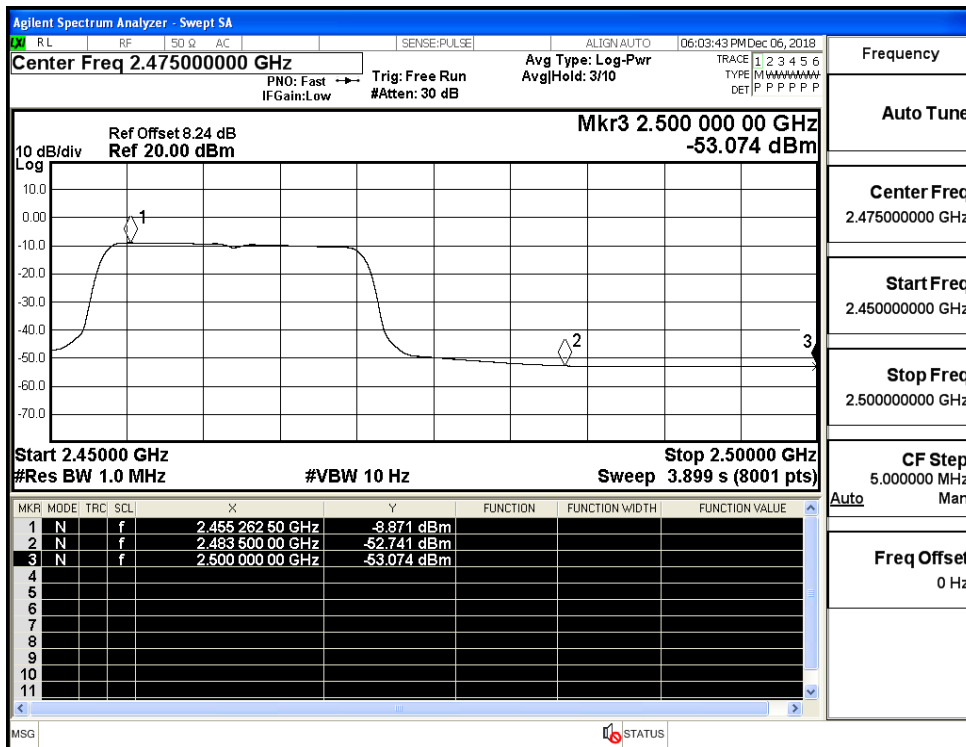
Restrict-band band-edge measurements_11G_2412_Ant1_AV



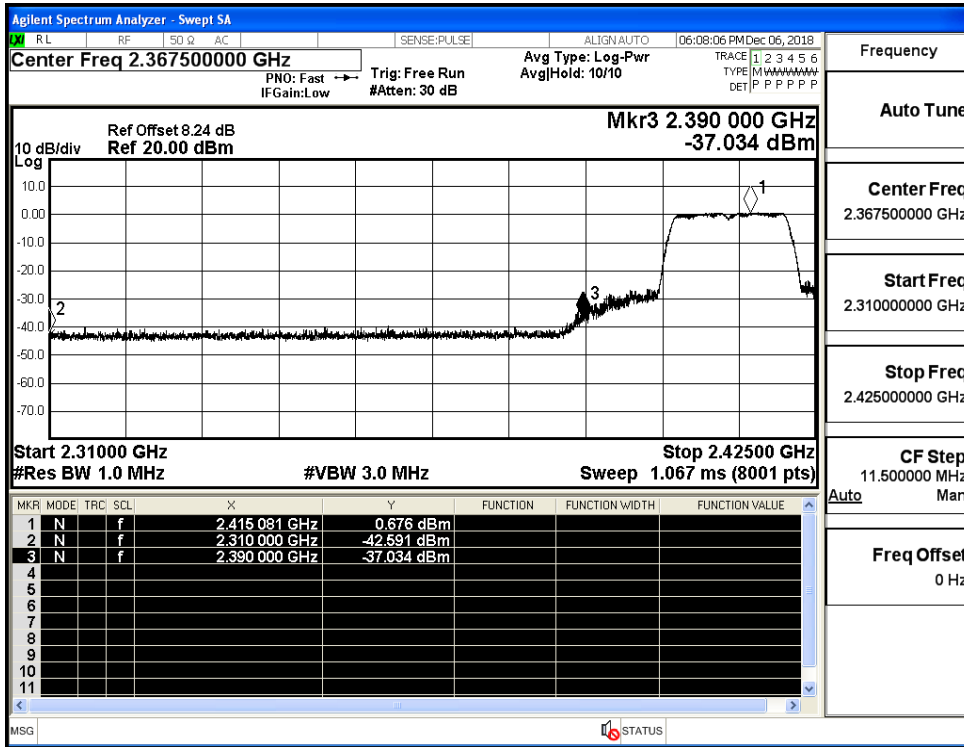
Restrict-band band-edge measurements_11G_2462_Ant1_PEAK



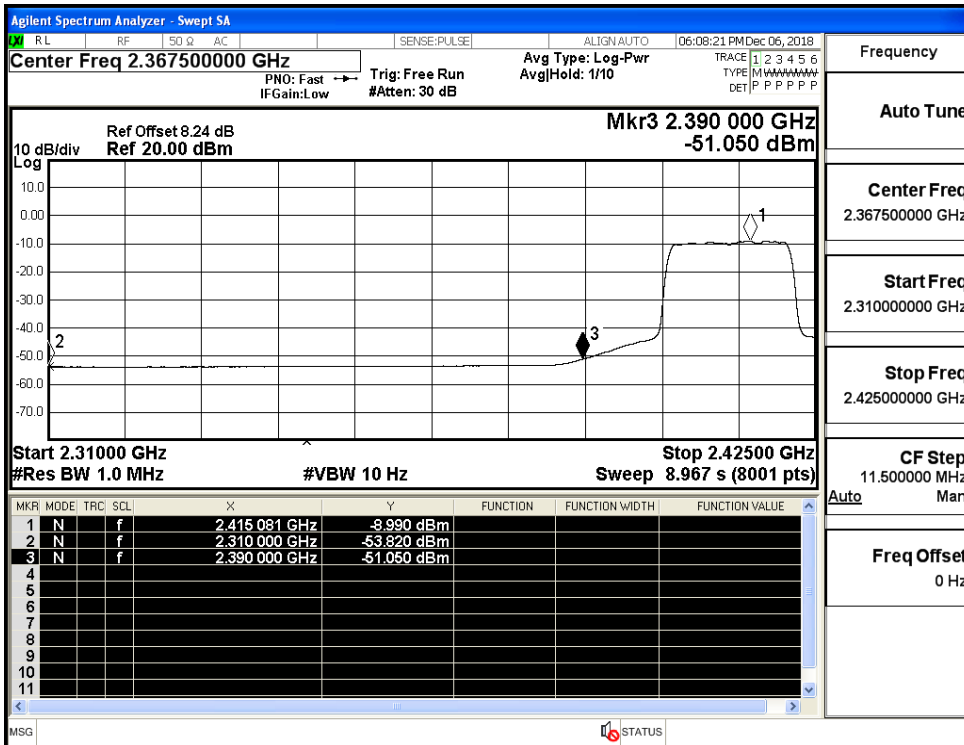
Restrict-band band-edge measurements_11G_2462_Ant1_AV



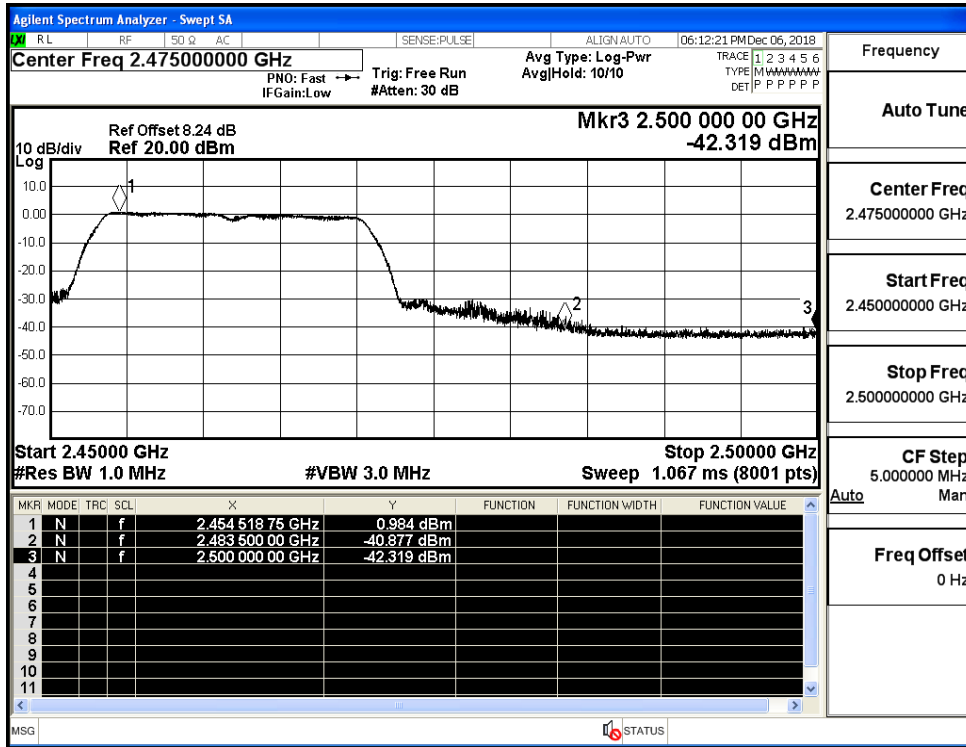
Restrict-band band-edge measurements_11N20SISO_2412_Ant1_PEAK



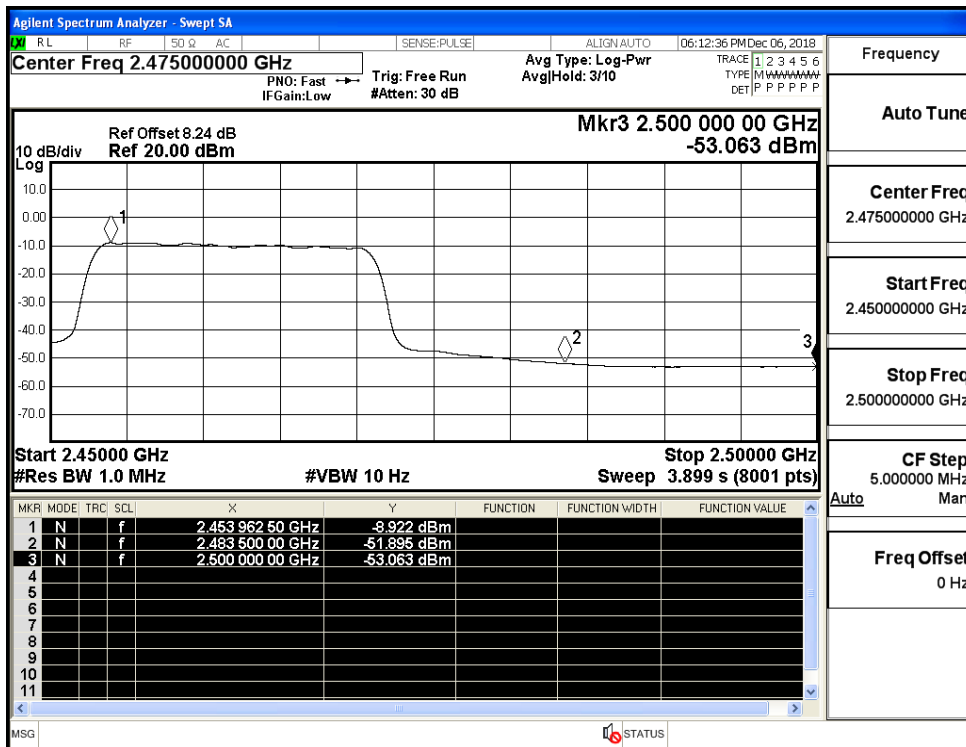
Restrict-band band-edge measurements_11N20SISO_2412_Ant1_AV



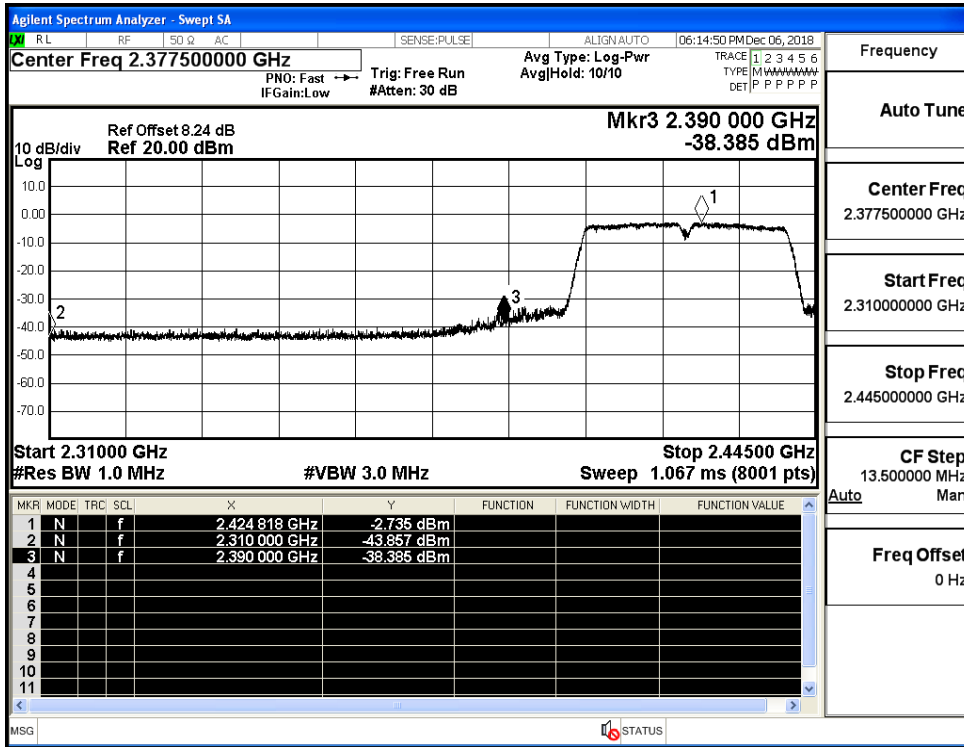
Restrict-band band-edge measurements_11N20SISO_2462_Ant1_PEAK



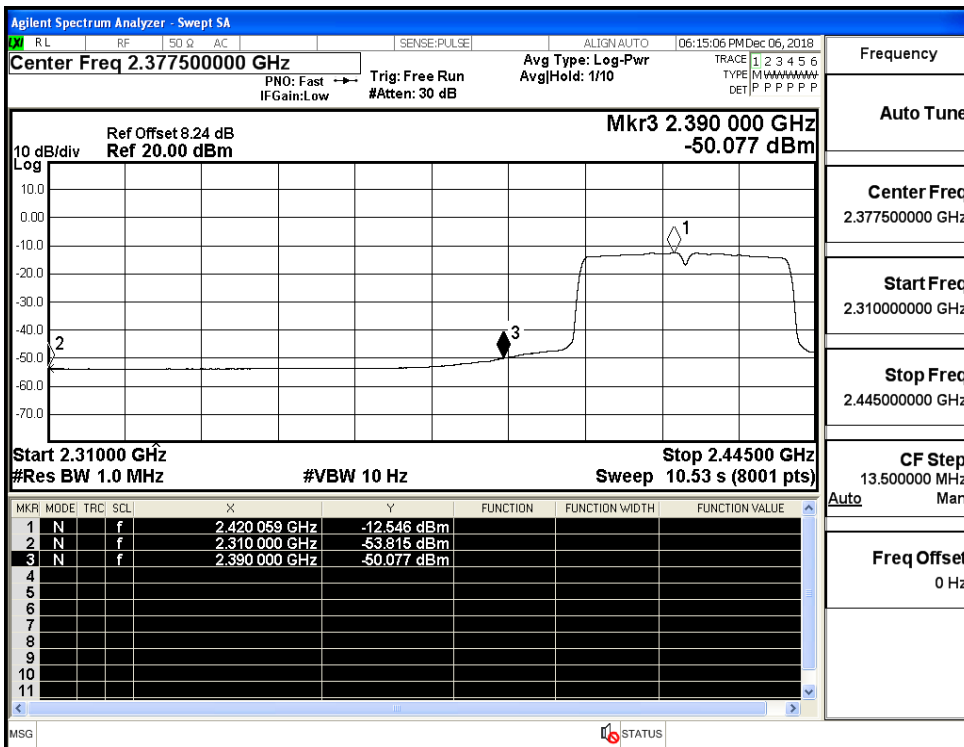
Restrict-band band-edge measurements_11N20SISO_2462_Ant1_AV



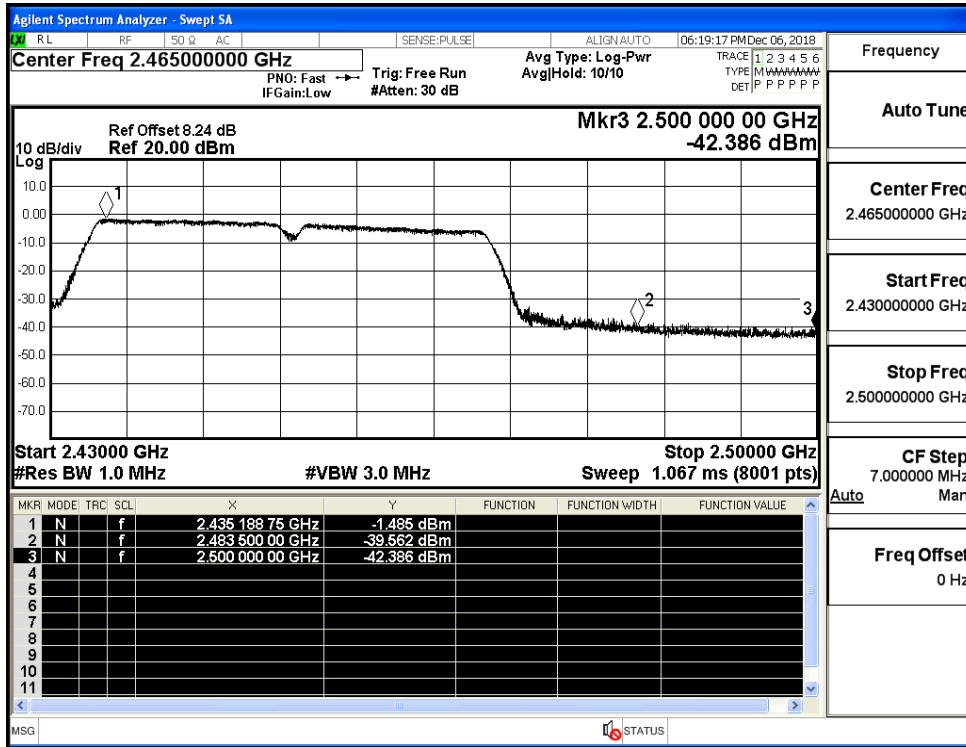
Restrict-band band-edge measurements_11N40SISO_2422_Ant1_PEAK



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

