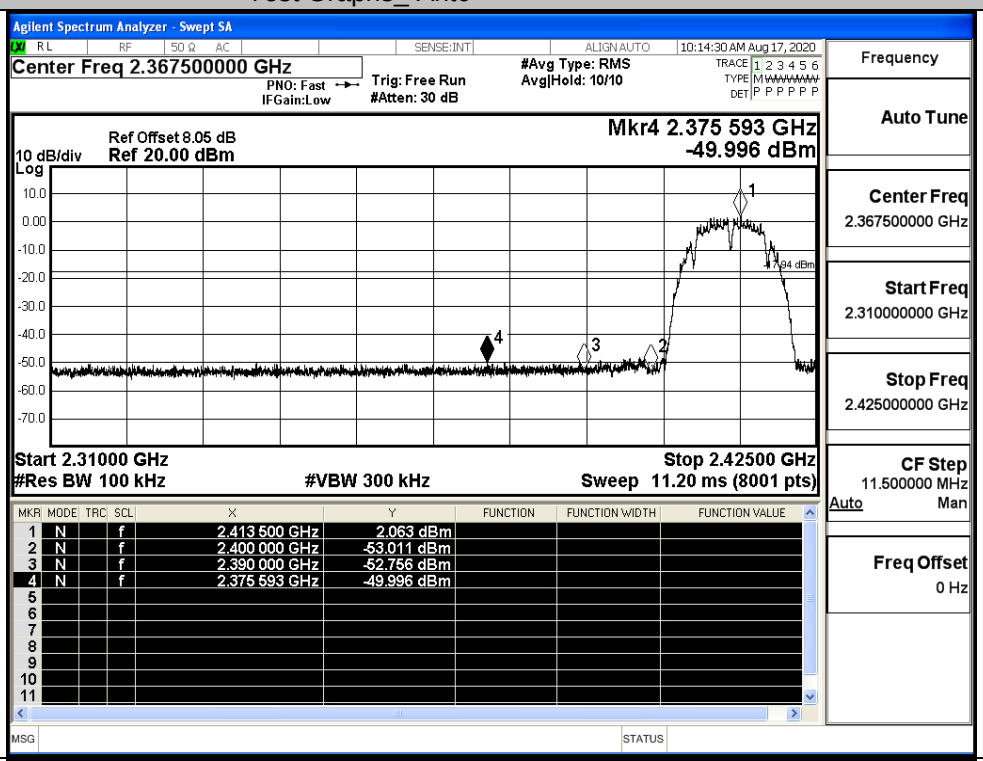
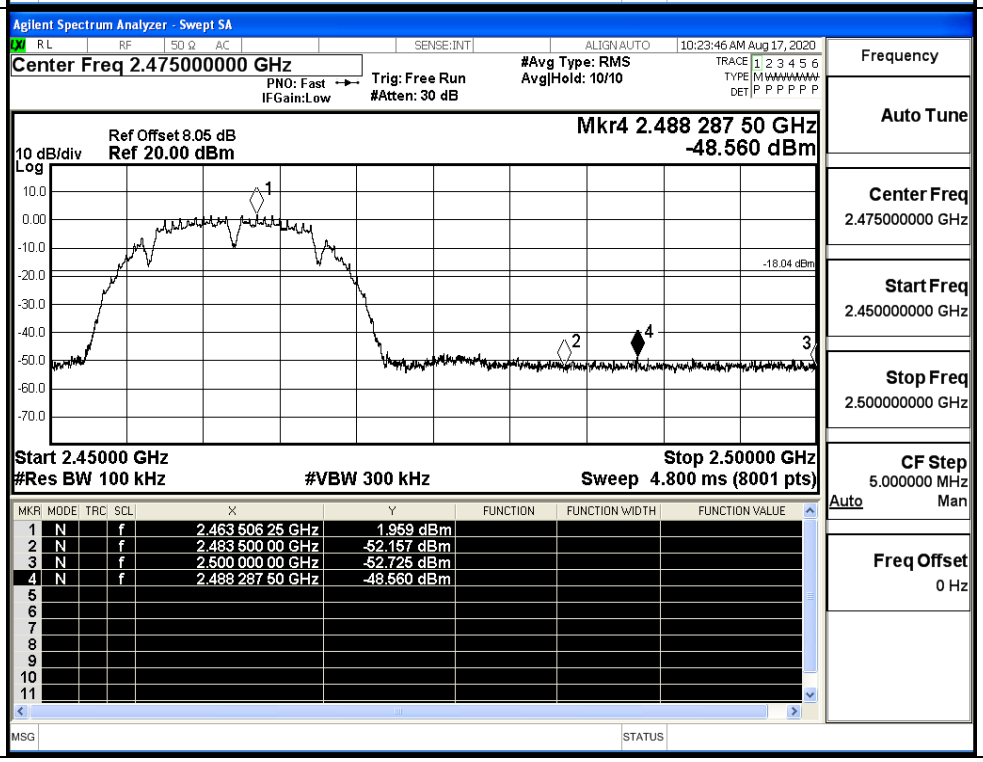
C.6 Band-edge for RF Conducted Emissions

Ant0

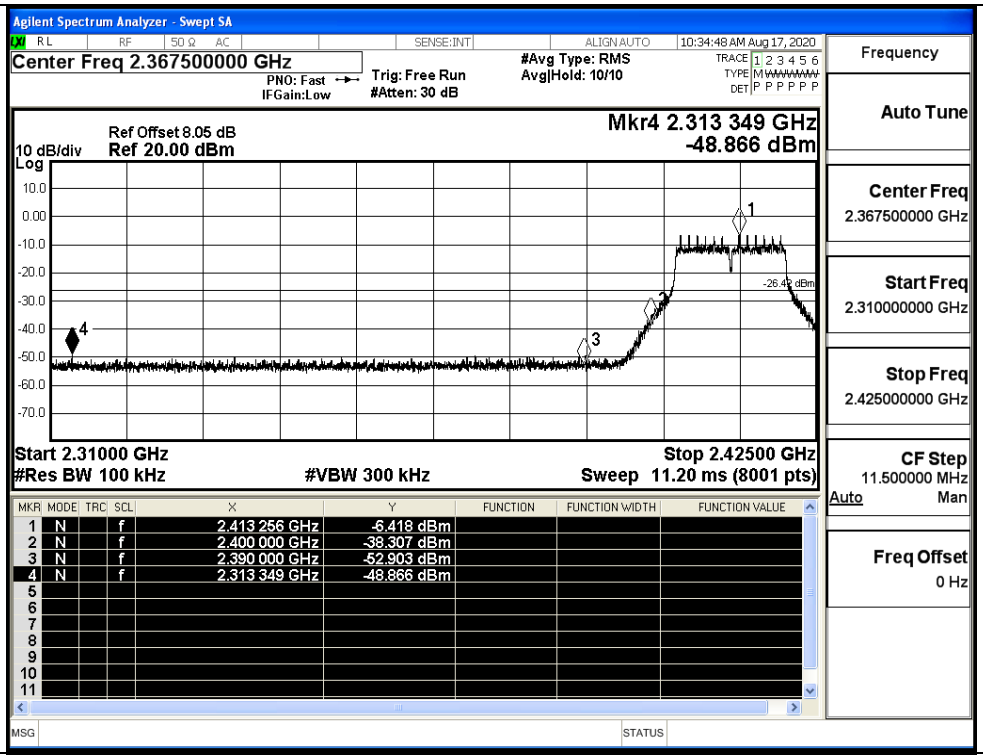
Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
11B	LCH	2.063	-49.996	-17.94	PASS
	HCH	1.959	-48.560	-18.04	PASS
11G	LCH	-6.418	-48.866	-26.42	PASS
	HCH	-6.113	-49.689	-26.11	PASS
11N20	LCH	-6.595	-49.807	-26.6	PASS
	HCH	-6.855	-47.341	-26.86	PASS
11N40	LCH	-10.725	-49.749	-30.73	PASS
	HCH	-10.857	-49.560	-30.86	PASS

Ant1

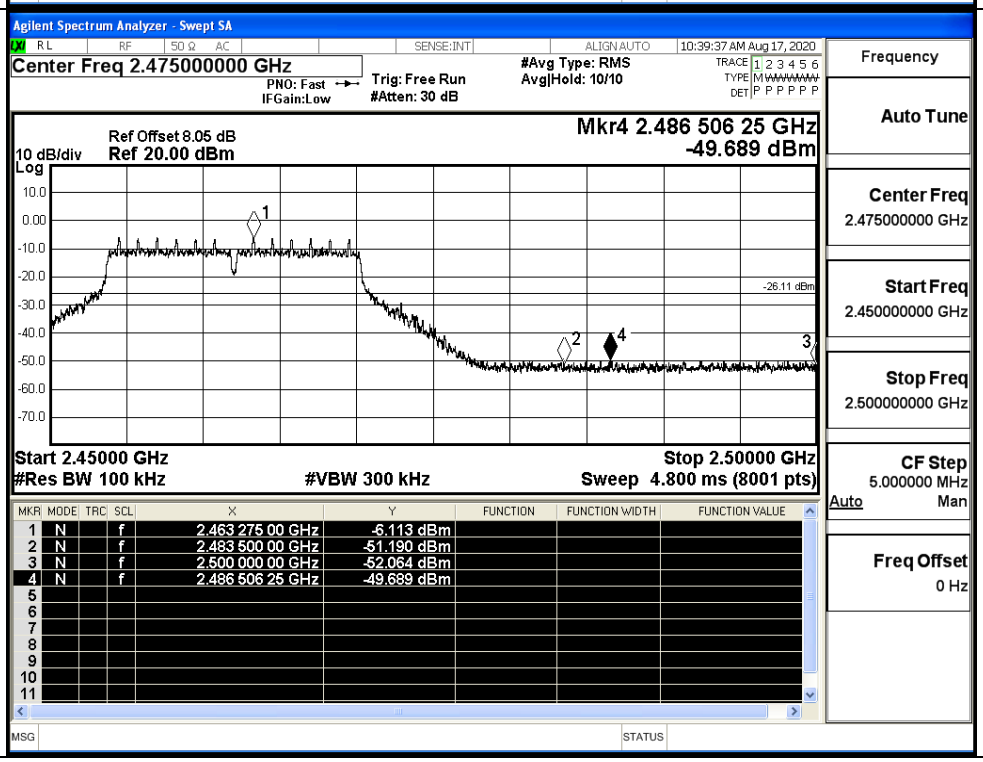
Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
11B	LCH	2.478	-49.210	-17.52	PASS
	HCH	2.078	-48.939	-17.92	PASS
11G	LCH	0.493	-49.304	-19.51	PASS
	HCH	-6.470	-49.423	-26.47	PASS
11N20SISO	LCH	-7.257	-49.671	-27.26	PASS
	HCH	-7.881	-48.385	-27.88	PASS
11N40SISO	LCH	-12.042	-50.035	-32.04	PASS
	HCH	-11.954	-48.307	-31.95	PASS

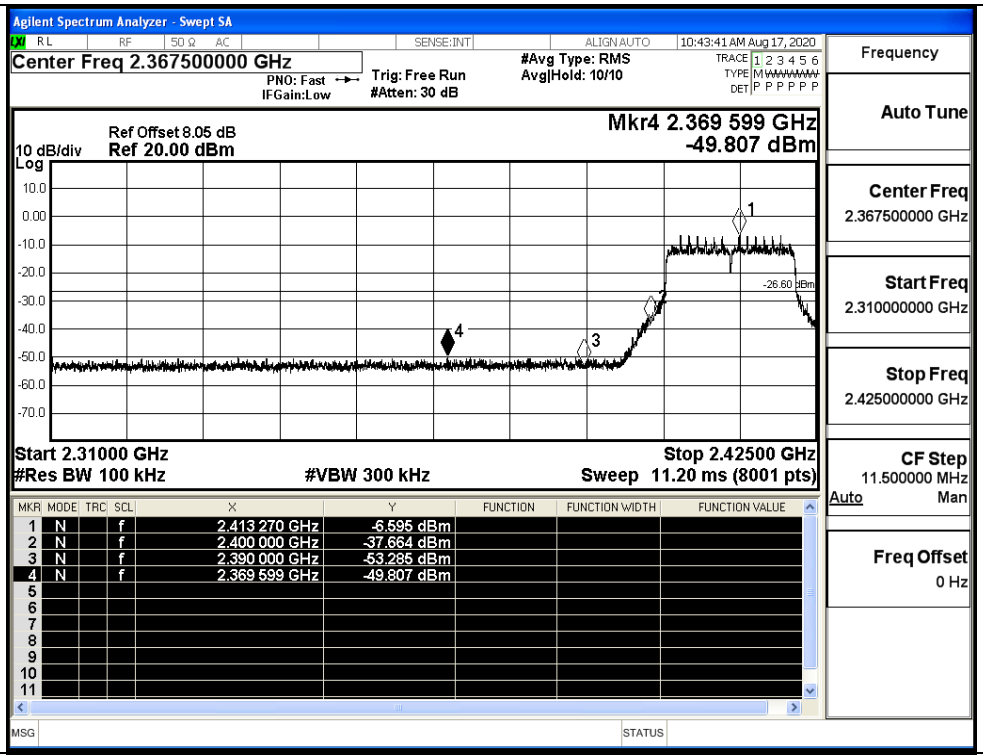
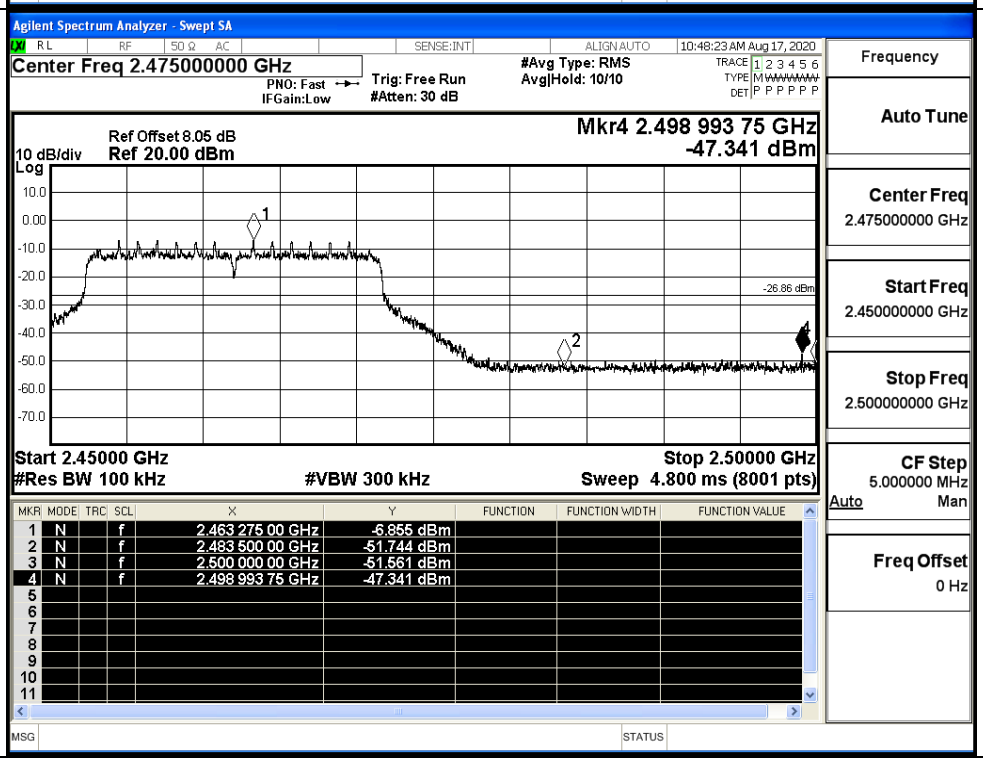
Test Graphs_ Ant0	
11B/LCH	
11B/HCH	

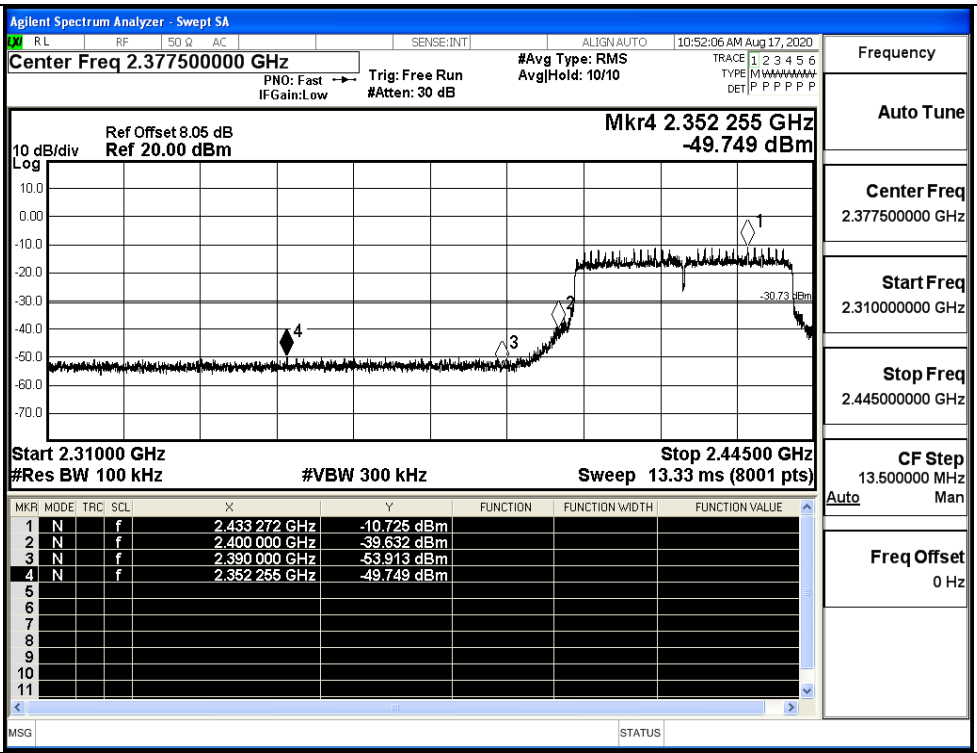
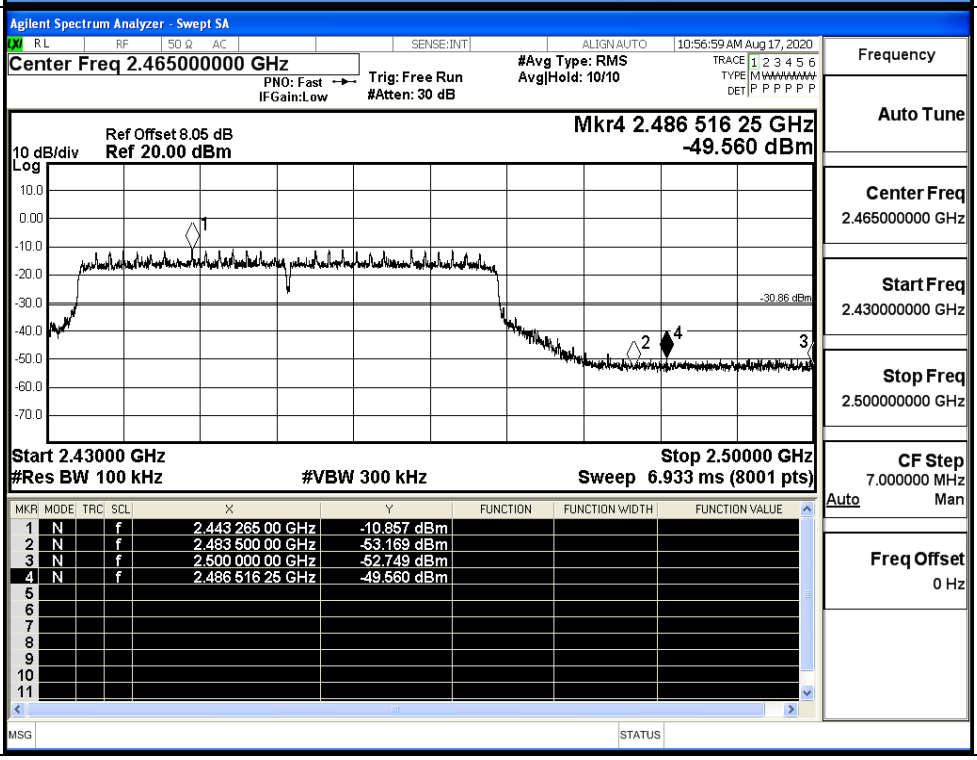
11G/LCH

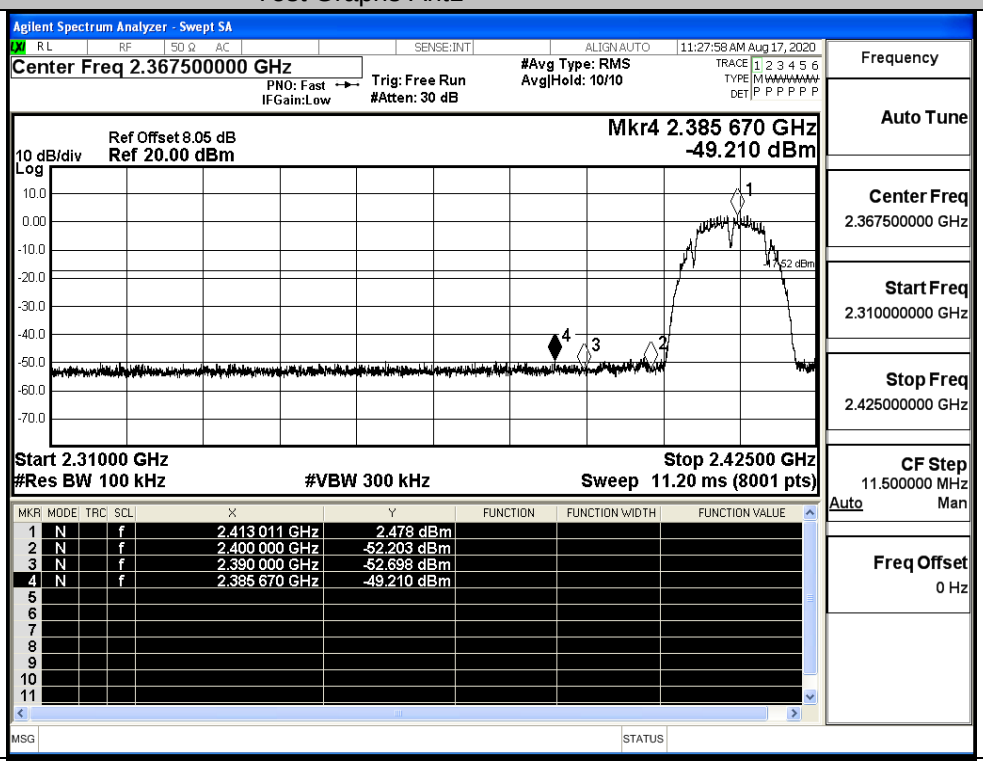
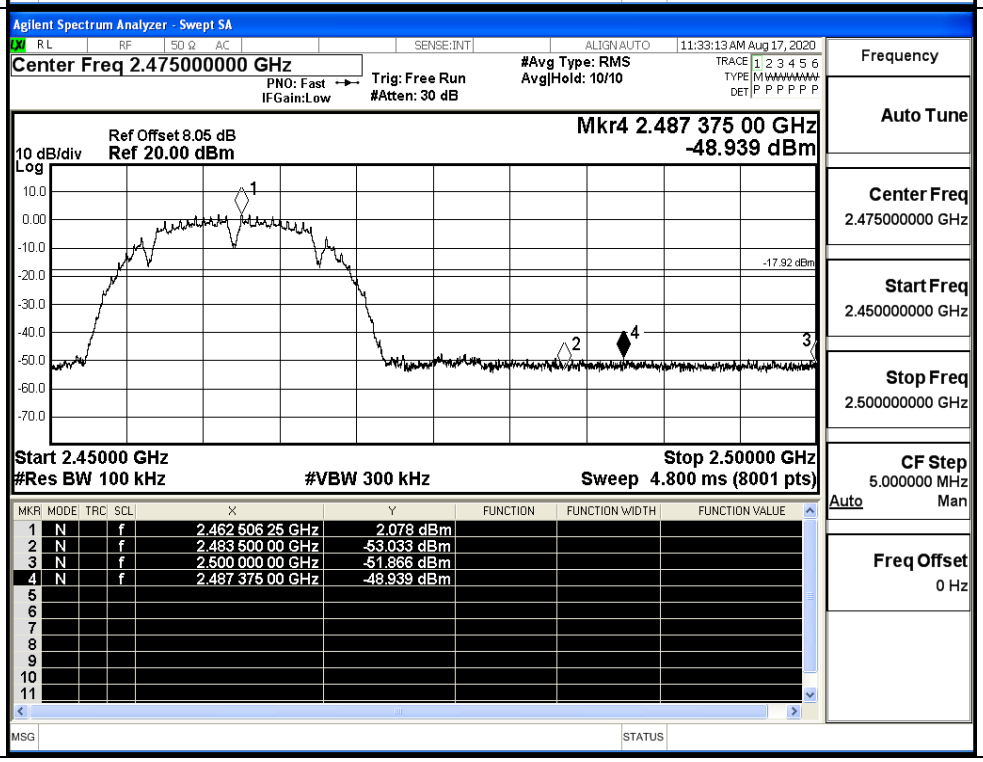


11G/HCH

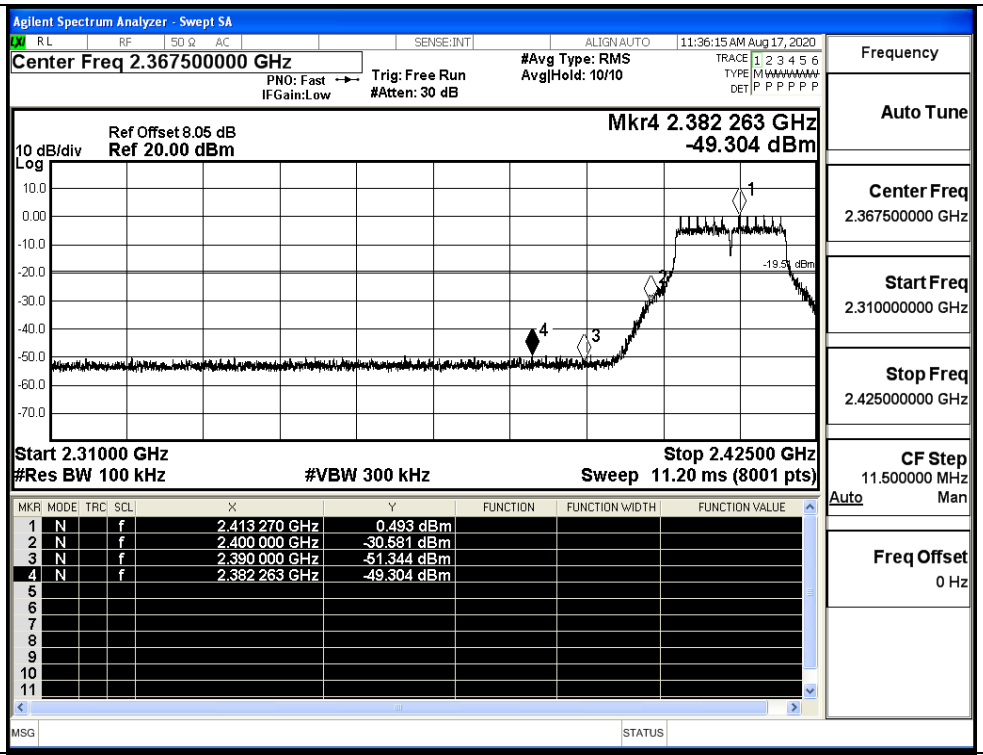


11N20 /LCH		
11N20 /HCH		

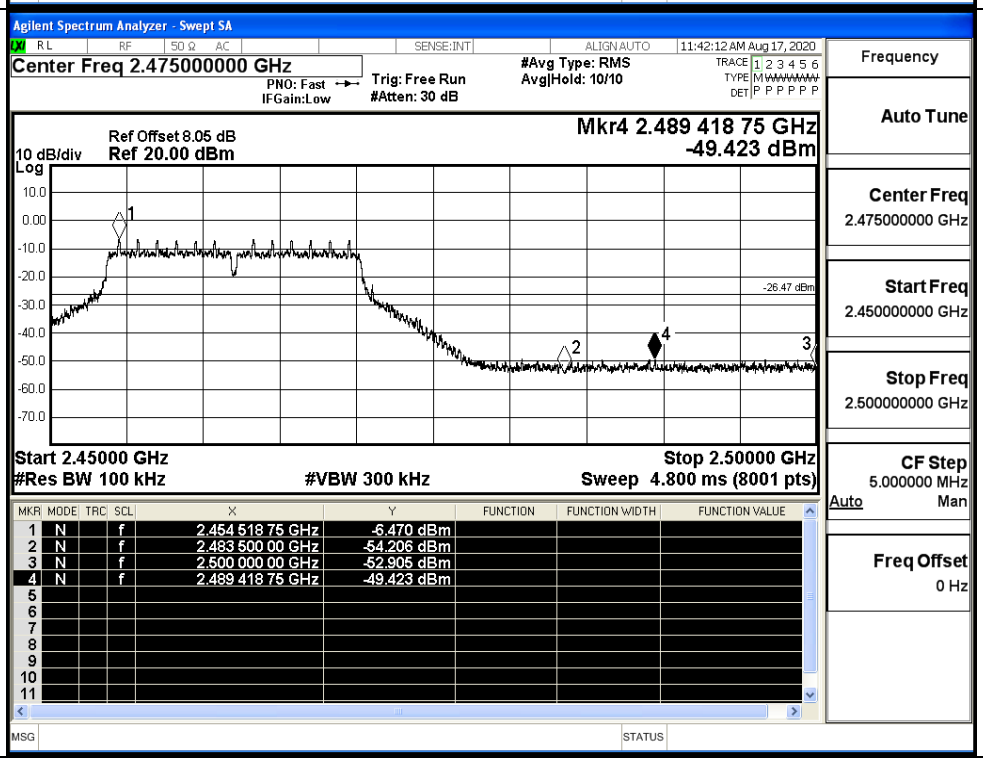
11N40 /LCH		
11N40 /HCH		

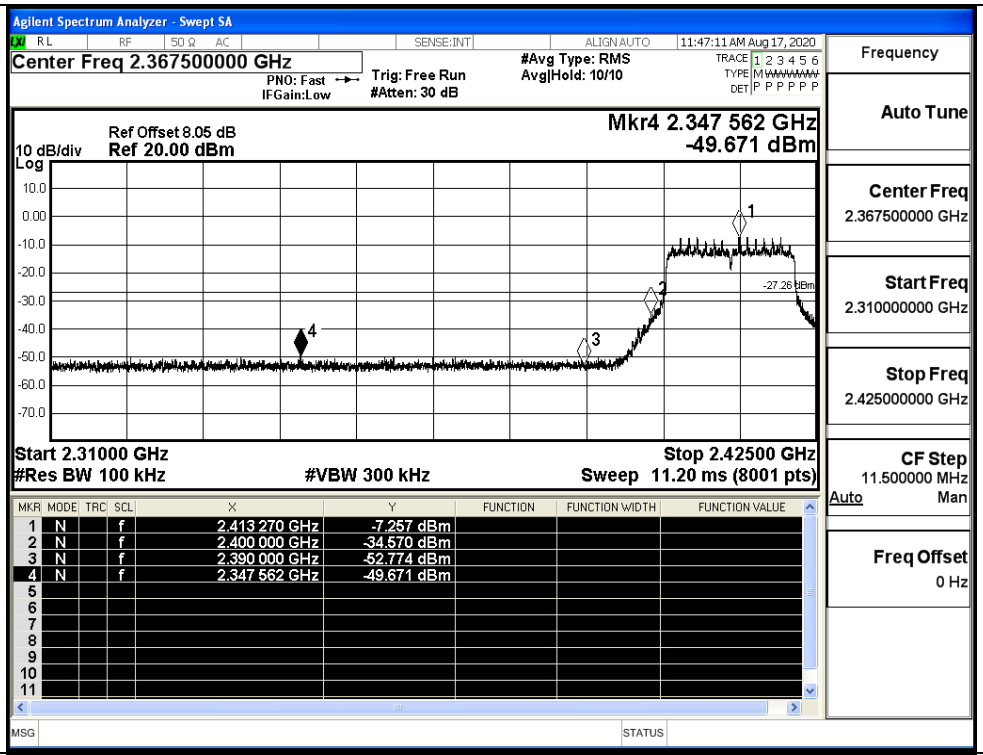
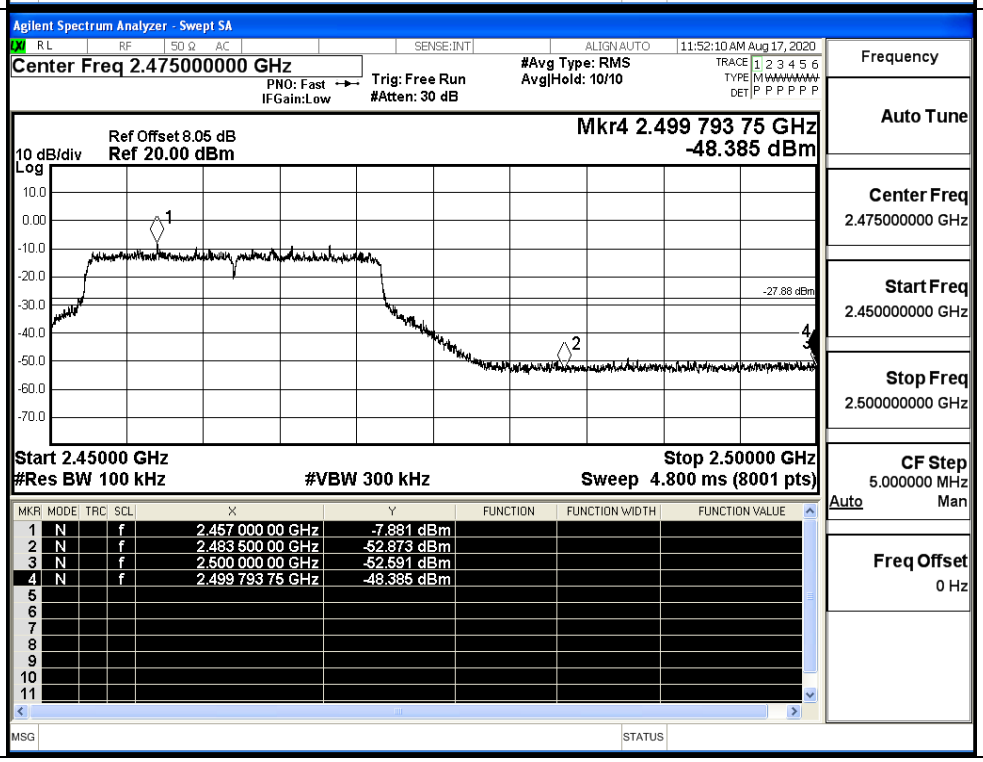
Test Graphs Ant1	
11B/LCH	
11B/HCH	

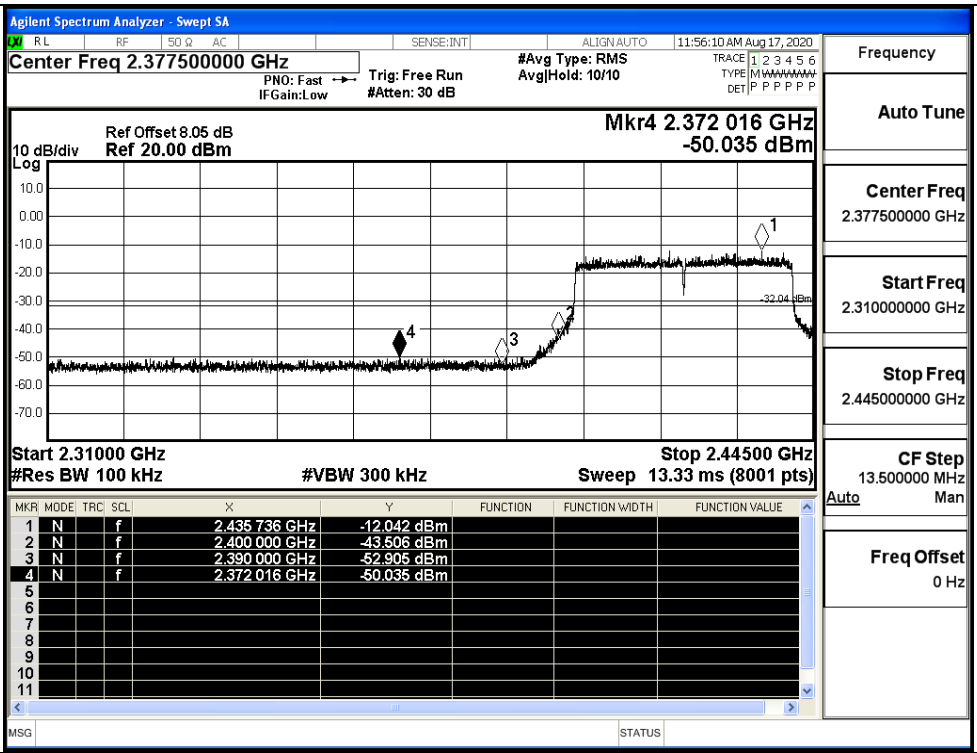
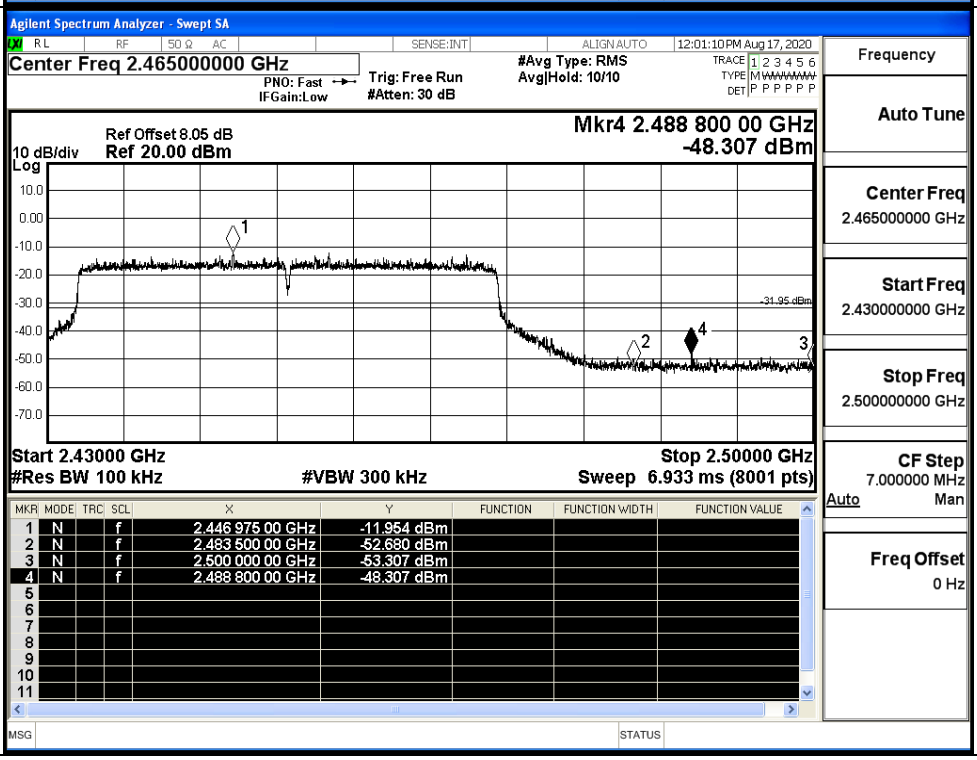
11G/LCH



11G/HCH



11N20 /LCH		
11N20 /HCH		

11N40 /LCH		
11N40 /HCH		

C.7 Restrict-band band-edge measurements

Ant0

Test Mode	Test Channel	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
11B	2412	Ant0	2310.0	-43.48	5	0	56.75	PEAK	74	PASS
	2412	Ant0	2310.0	-53.43	5	0	46.80	AV	54	PASS
	2412	Ant0	2390.0	-41.71	5	0	58.52	PEAK	74	PASS
	2412	Ant0	2390.0	-52.72	5	0	47.51	AV	54	PASS
	2462	Ant0	2483.5	-41.03	5	0	59.20	PEAK	74	PASS
	2462	Ant0	2483.5	-52.24	5	0	47.99	AV	54	PASS
	2462	Ant0	2500.0	-41.22	5	0	59.01	PEAK	74	PASS
	2462	Ant0	2500.0	-52.27	5	0	47.96	AV	54	PASS
11G	2412	Ant0	2310.0	-42.66	5	0	57.57	PEAK	74	PASS
	2412	Ant0	2310.0	-53.45	5	0	46.78	AV	54	PASS
	2412	Ant0	2390.0	-42.97	5	0	57.26	PEAK	74	PASS
	2412	Ant0	2390.0	-53.05	5	0	47.18	AV	54	PASS
	2462	Ant0	2483.5	-41.03	5	0	59.20	PEAK	74	PASS
	2462	Ant0	2483.5	-52.64	5	0	47.59	AV	54	PASS
	2462	Ant0	2500.0	-42.29	5	0	57.94	PEAK	74	PASS
	2462	Ant0	2500.0	-52.44	5	0	47.79	AV	54	PASS
11N20	2412	Ant0	2310.0	-42.06	5	0	58.17	PEAK	74	PASS
	2412	Ant0	2310.0	-53.44	5	0	46.79	AV	54	PASS
	2412	Ant0	2390.0	-41.83	5	0	58.40	PEAK	74	PASS
	2412	Ant0	2390.0	-53.03	5	0	47.20	AV	54	PASS
	2462	Ant0	2483.5	-41.80	5	0	58.43	PEAK	74	PASS
	2462	Ant0	2483.5	-52.66	5	0	47.57	AV	54	PASS
	2462	Ant0	2500.0	-42.96	5	0	57.27	PEAK	74	PASS
	2462	Ant0	2500.0	-52.46	5	0	47.77	AV	54	PASS
11N40	2422	Ant0	2310.0	-43.38	5	0	56.85	PEAK	74	PASS
	2422	Ant0	2310.0	-53.41	5	0	46.82	AV	54	PASS

	2422	Ant0	2390.0	-41.84	5	0	58.39	PEAK	74	PASS
	2422	Ant0	2390.0	-53.07	5	0	47.16	AV	54	PASS
	2452	Ant0	2483.5	-42.88	5	0	57.35	PEAK	74	PASS
	2452	Ant0	2483.5	-52.52	5	0	47.71	AV	54	PASS
	2452	Ant0	2500.0	-42.48	5	0	57.75	PEAK	74	PASS
	2452	Ant0	2500.0	-52.46	5	0	47.77	AV	54	PASS

Ant1

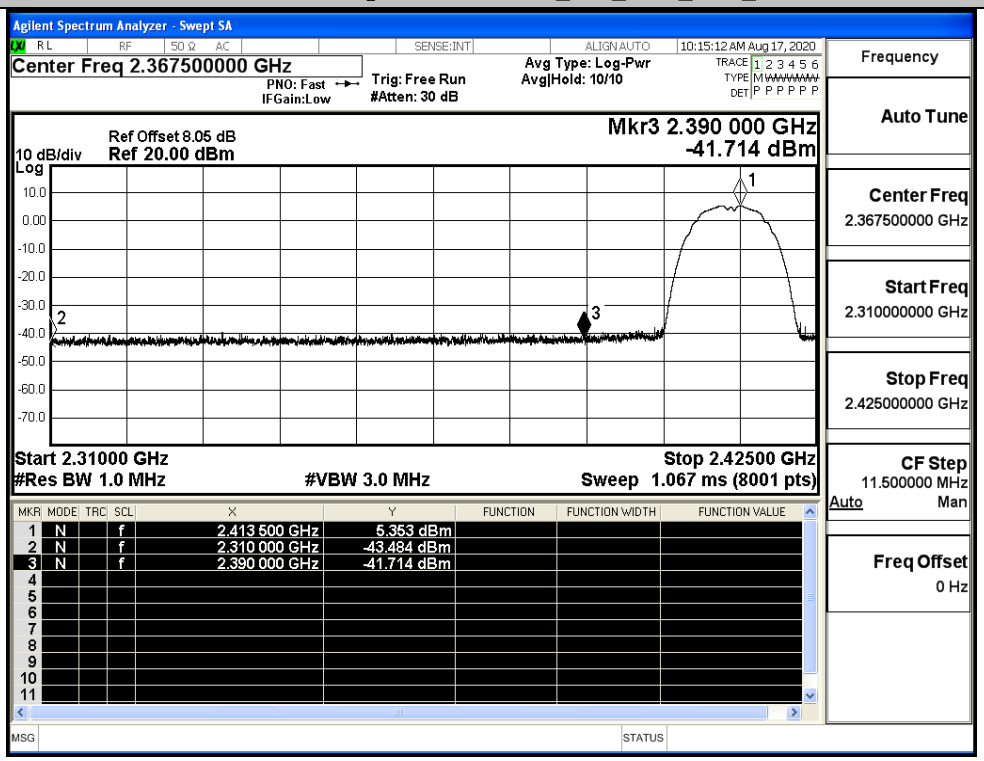
Test Mode	Test Channel	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
11B	2412	Ant1	2310.0	-40.86	5	0	59.37	PEAK	74	PASS
	2412	Ant1	2310.0	-53.37	5	0	46.86	AV	54	PASS
	2412	Ant1	2390.0	-42.77	5	0	57.46	PEAK	74	PASS
	2412	Ant1	2390.0	-52.68	5	0	47.55	AV	54	PASS
	2462	Ant1	2483.5	-40.87	5	0	59.36	PEAK	74	PASS
	2462	Ant1	2483.5	-52.28	5	0	47.95	AV	54	PASS
	2462	Ant1	2500.0	-42.00	5	0	58.23	PEAK	74	PASS
	2462	Ant1	2500.0	-52.29	5	0	47.94	AV	54	PASS
11G	2412	Ant1	2310.0	-43.07	5	0	57.16	PEAK	74	PASS
	2412	Ant1	2310.0	-53.38	5	0	46.85	AV	54	PASS
	2412	Ant1	2390.0	-42.05	5	0	58.18	PEAK	74	PASS
	2412	Ant1	2390.0	-52.66	5	0	47.57	AV	54	PASS
	2462	Ant1	2483.5	-42.16	5	0	58.07	PEAK	74	PASS
	2462	Ant1	2483.5	-52.59	5	0	47.64	AV	54	PASS
	2462	Ant1	2500.0	-41.86	5	0	58.37	PEAK	74	PASS
	2462	Ant1	2500.0	-52.44	5	0	47.79	AV	54	PASS
11N20	2412	Ant1	2310.0	-43.42	5	0	56.81	PEAK	74	PASS
	2412	Ant1	2310.0	-53.46	5	0	46.77	AV	54	PASS
	2412	Ant1	2390.0	-41.64	5	0	58.59	PEAK	74	PASS
	2412	Ant1	2390.0	-53.06	5	0	47.17	AV	54	PASS
	2462	Ant1	2483.5	-42.21	5	0	58.02	PEAK	74	PASS

	2462	Ant1	2483.5	-52.68	5	0	47.55	AV	54	PASS
	2462	Ant1	2500.0	-40.83	5	0	59.40	PEAK	74	PASS
	2462	Ant1	2500.0	-52.48	5	0	47.75	AV	54	PASS
11N40	2422	Ant1	2310.0	-42.72	5	0	57.51	PEAK	74	PASS
	2422	Ant1	2310.0	-53.44	5	0	46.79	AV	54	PASS
	2422	Ant1	2390.0	-42.66	5	0	57.57	PEAK	74	PASS
	2422	Ant1	2390.0	-53.06	5	0	47.17	AV	54	PASS
	2452	Ant1	2483.5	-42.37	5	0	57.86	PEAK	74	PASS
	2452	Ant1	2483.5	-52.60	5	0	47.63	AV	54	PASS
	2452	Ant1	2500.0	-42.21	5	0	58.02	PEAK	74	PASS
	2452	Ant1	2500.0	-52.45	5	0	47.78	AV	54	PASS

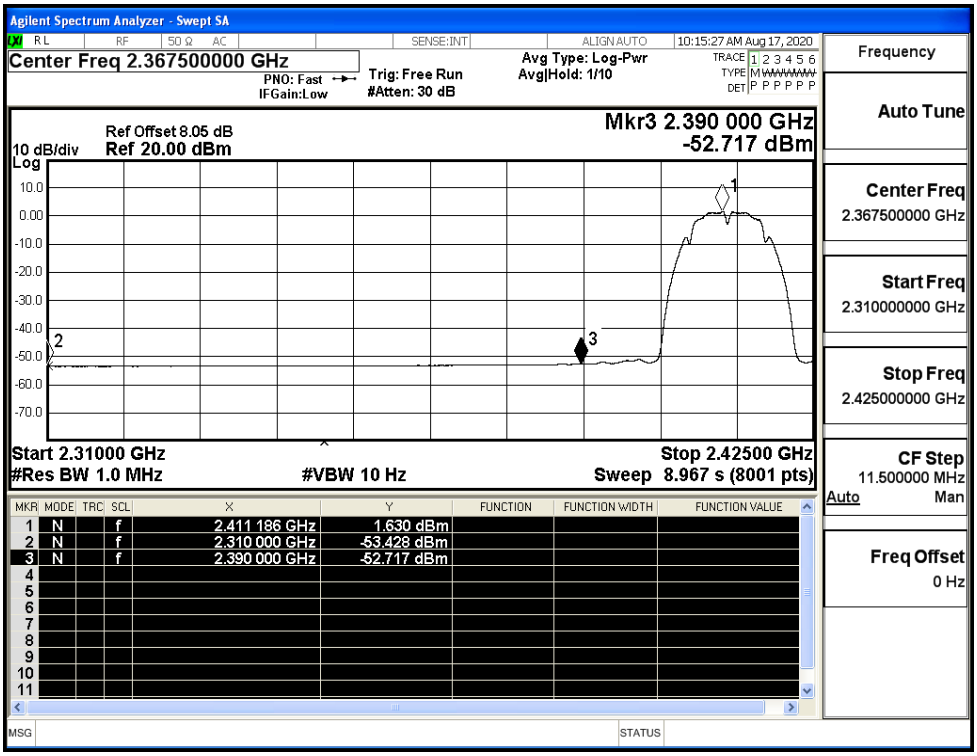
Combined Ant_0 and Ant_1

Test Mode	Frequency (MHz)	Covert Radiated E Level At 3m (dBuV/m)			Antenna Gain (dBi)	Ground Factor	E [dBuV/m]	Detector	Limit (dBuV/m)
		Ant0	Ant1	Sum					
11N20 MIMO	2412	-42.06	-43.42	-39.68	8.01	0	63.56	Peak	74
	2412	-53.44	-53.46	-50.44	8.01	0	52.80	Average	54
	2412	-41.83	-41.64	-38.72	8.01	0	64.52	Peak	74
	2412	-53.03	-53.06	-50.03	8.01	0	53.21	Average	54
	2462	-41.80	-42.21	-38.99	8.01	0	64.25	Peak	74
	2462	-52.66	-52.68	-49.66	8.01	0	53.58	Average	54
	2462	-42.96	-40.83	-38.76	8.01	0	64.48	Peak	74
	2462	-52.46	-52.48	-49.46	8.01	0	53.78	Average	54
11N40 MIMO	2422	-43.38	-42.72	-40.03	8.01	0	63.21	Peak	74
	2422	-53.41	-53.44	-50.41	8.01	0	52.83	Average	54
	2422	-41.84	-42.66	-39.22	8.01	0	64.02	Peak	74
	2422	-53.07	-53.06	-50.05	8.01	0	53.19	Average	54
	2452	-42.88	-42.37	-39.61	8.01	0	63.63	Peak	74
	2452	-52.52	-52.60	-49.55	8.01	0	53.69	Average	54
	2452	-42.48	-42.21	-39.33	8.01	0	63.91	Peak	74
	2452	-52.46	-52.45	-49.44	8.01	0	53.80	Average	54

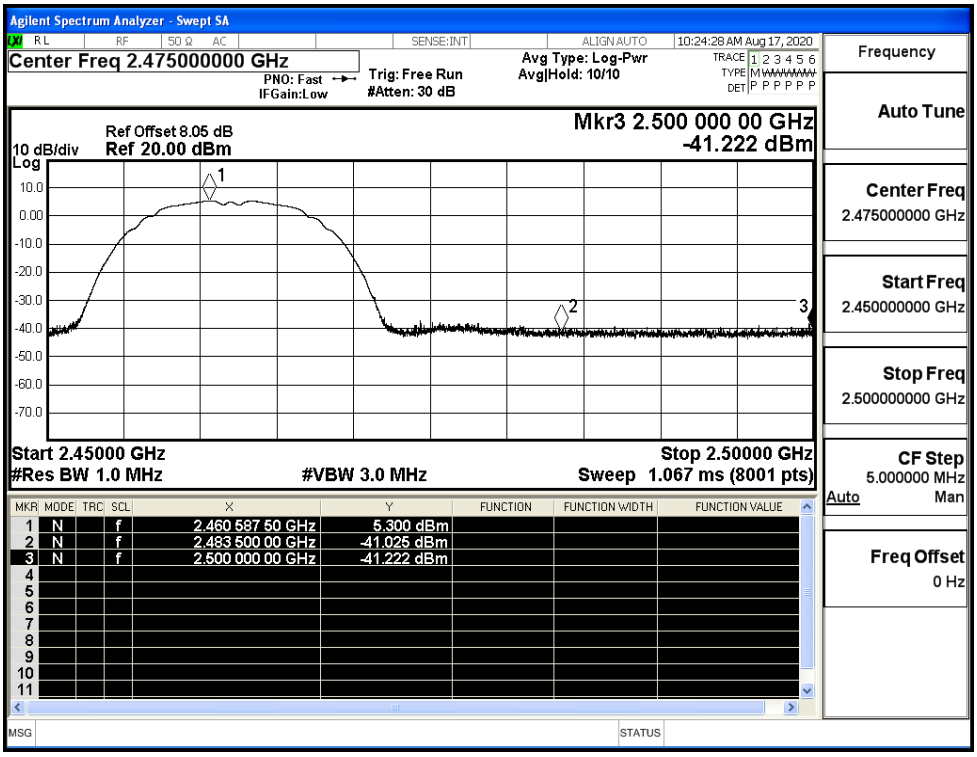
Restrict-band band-edge measurements_11B_2412_Ant0_PEAK



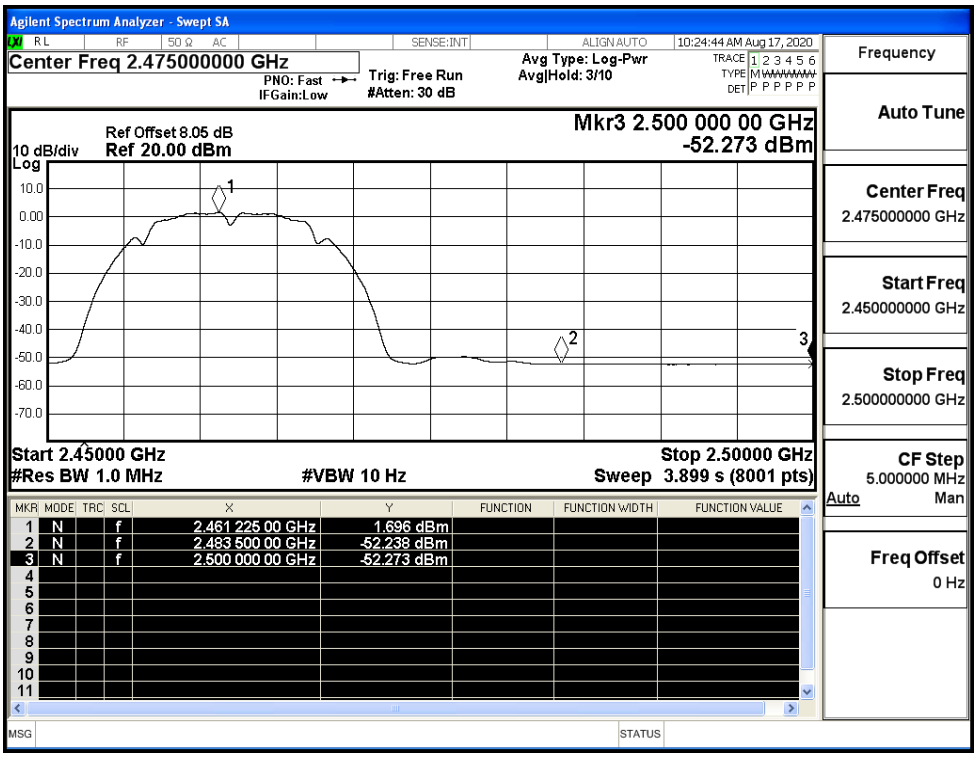
Restrict-band band-edge measurements_11B_2412_Ant0_AV



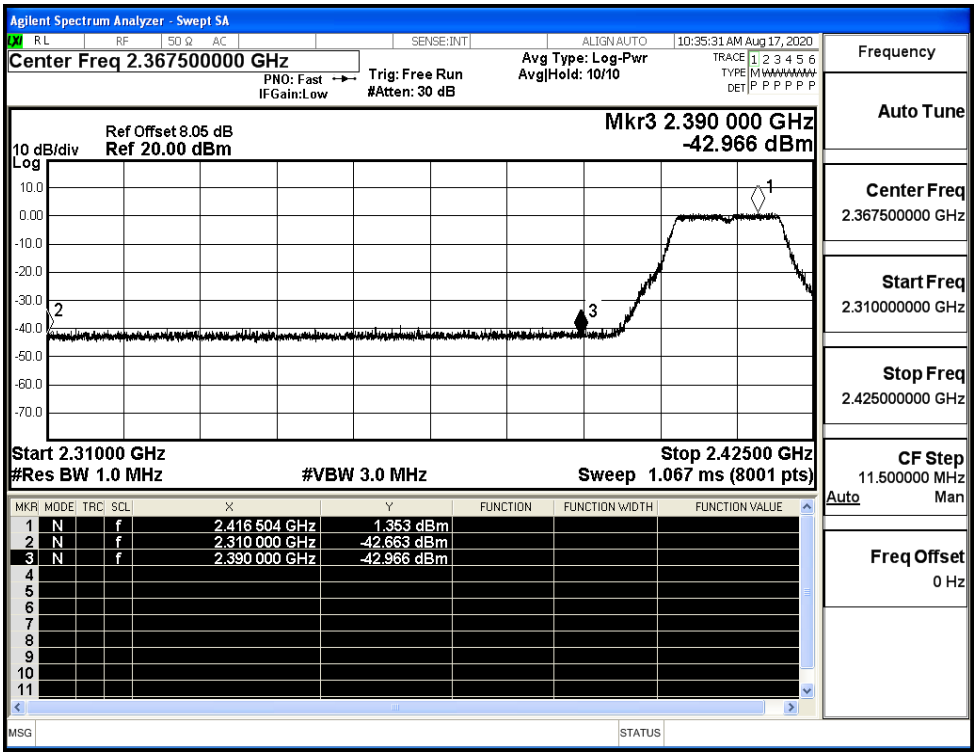
Restrict-band band-edge measurements_11B_2462_Ant0_PEAK



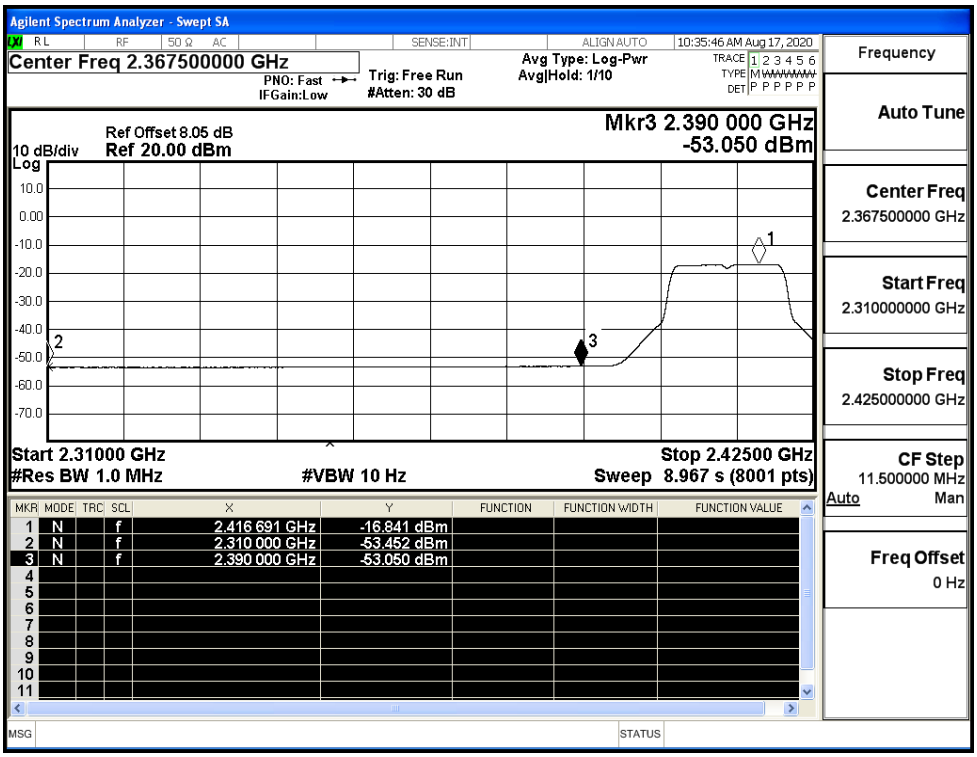
Restrict-band band-edge measurements_11B_2462_Ant0_AV



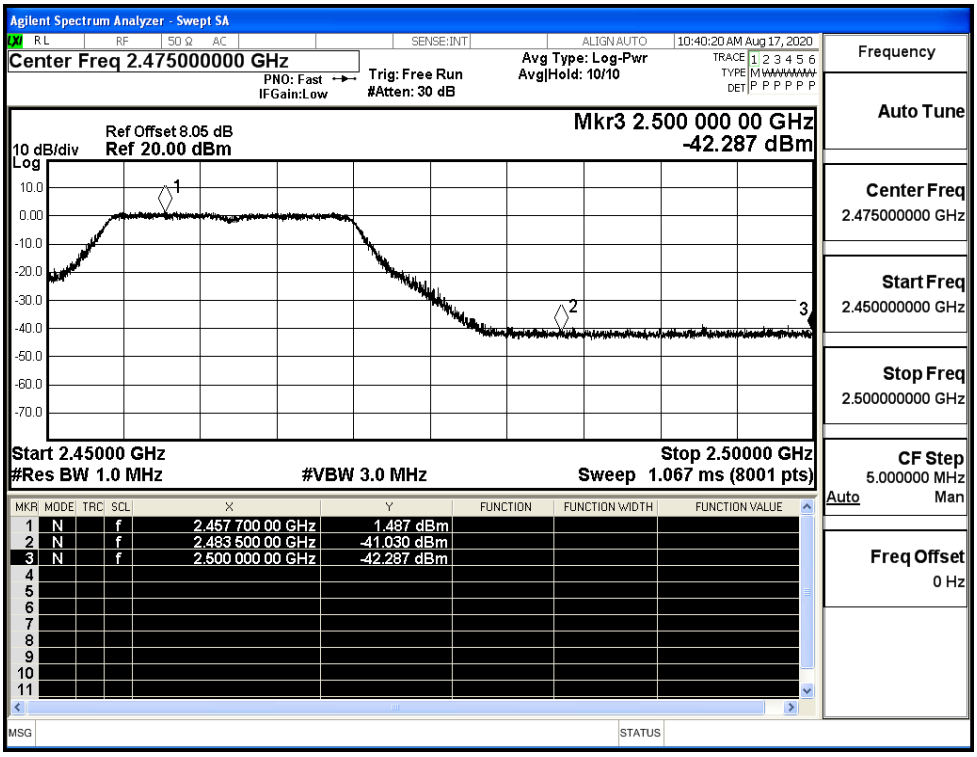
Restrict-band band-edge measurements_11G_2412_Ant0_PEAK



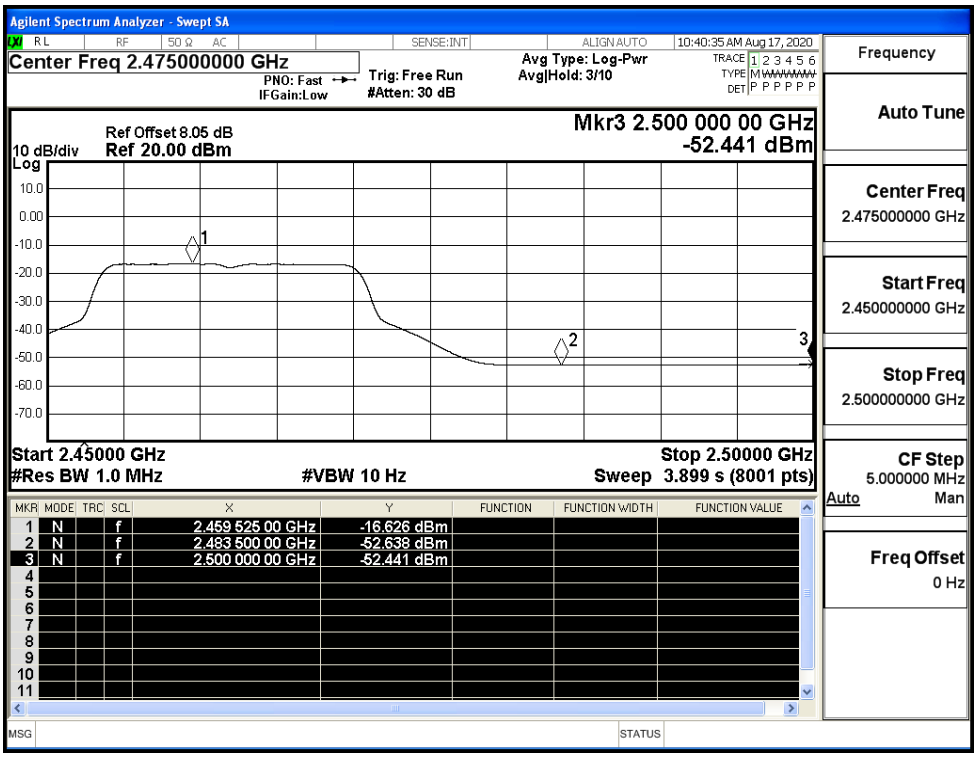
Restrict-band band-edge measurements_11G_2412_Ant0_AV



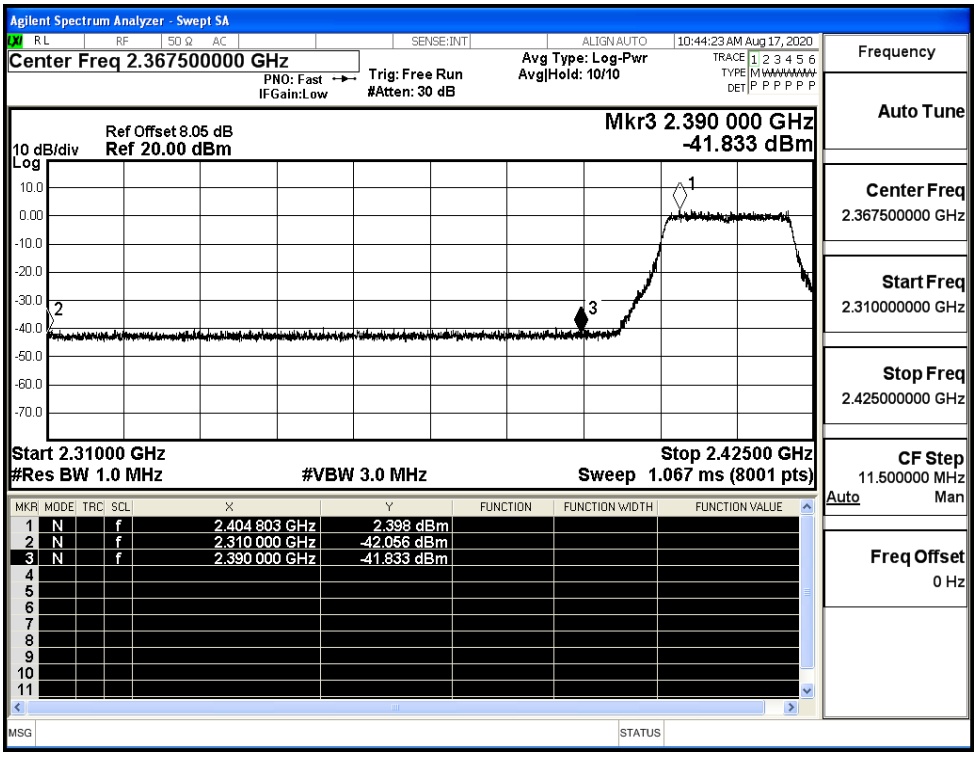
Restrict-band band-edge measurements_11G_2462_Ant0_PEAK



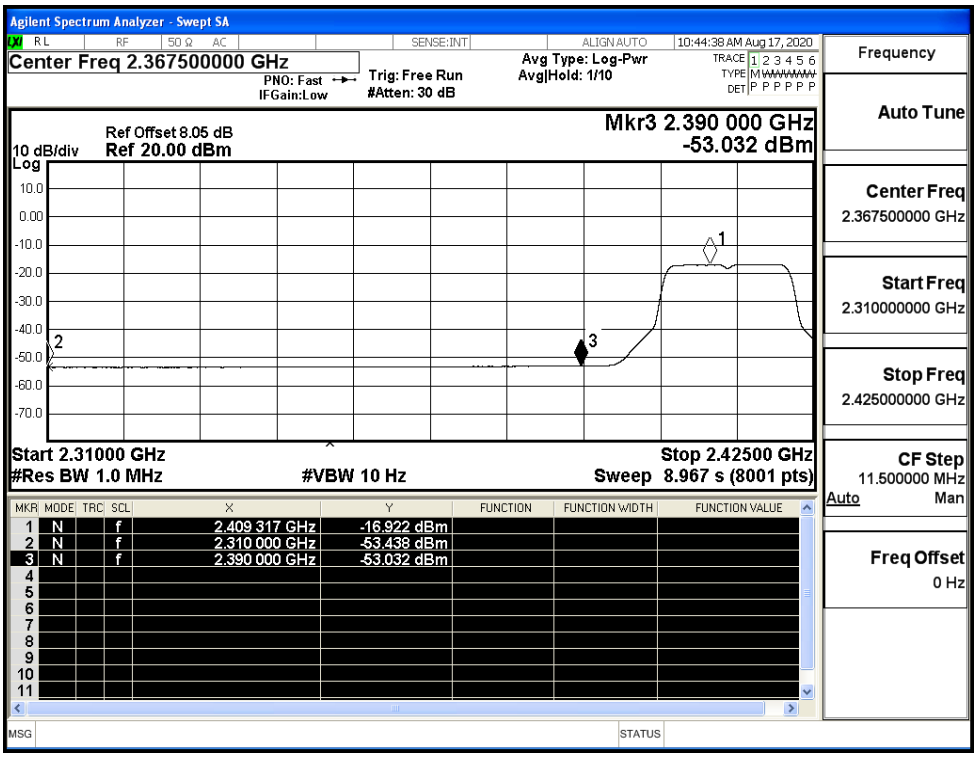
Restrict-band band-edge measurements_11G_2462_Ant0_AV



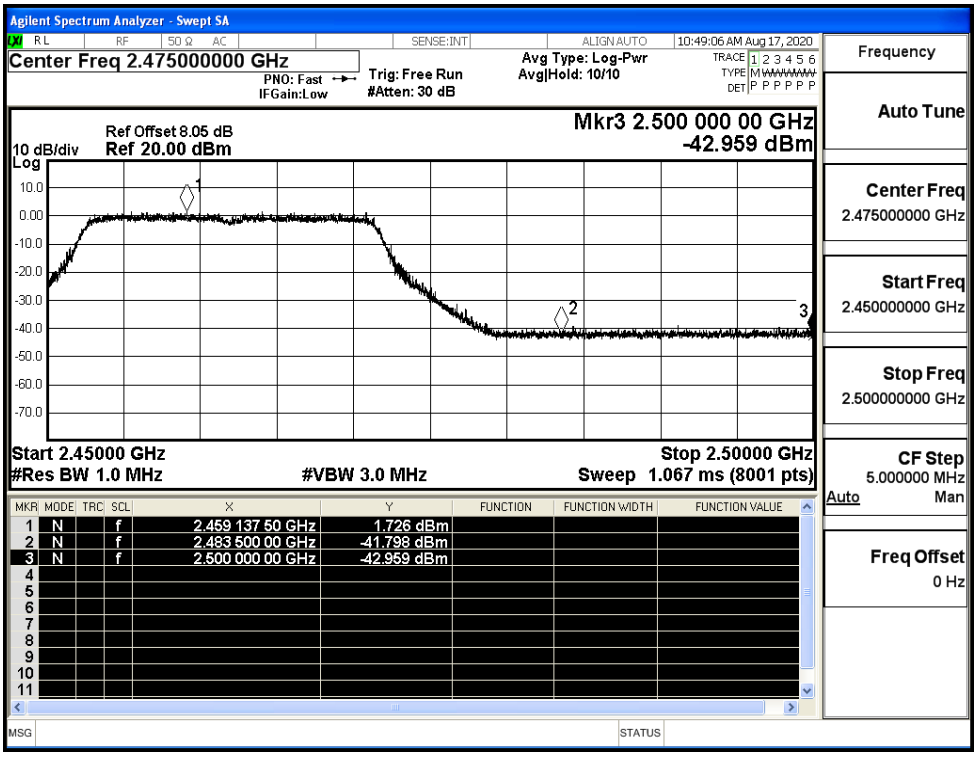
Restrict-band band-edge measurements_11N20 _2412_Ant0_PEAK



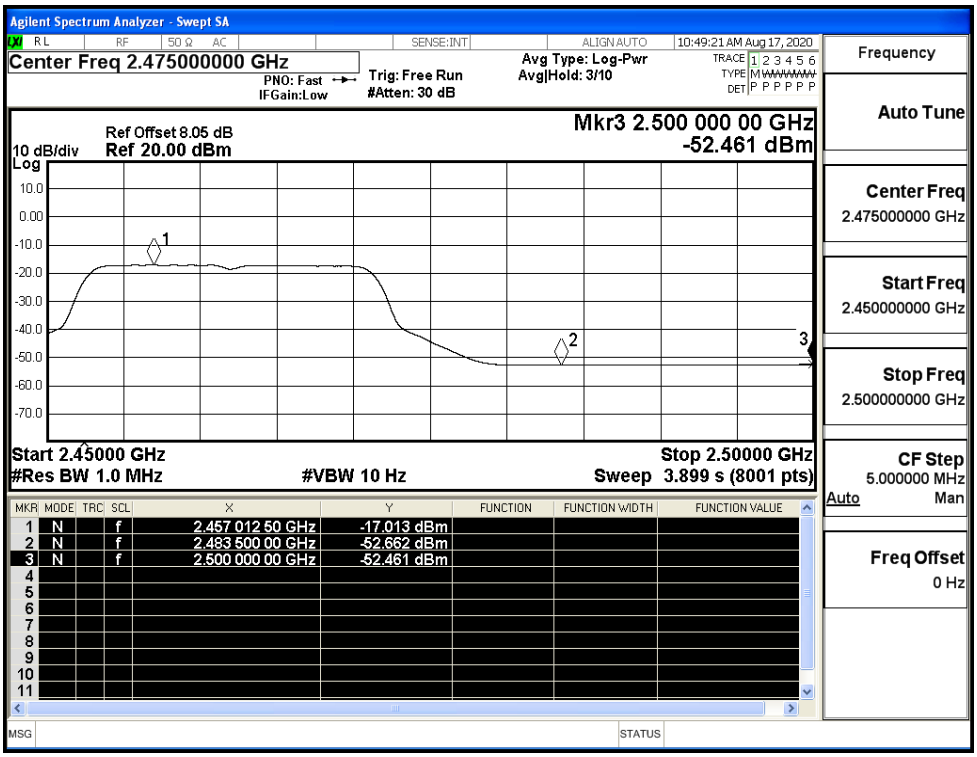
Restrict-band band-edge measurements_11N20 _2412_Ant0_AV



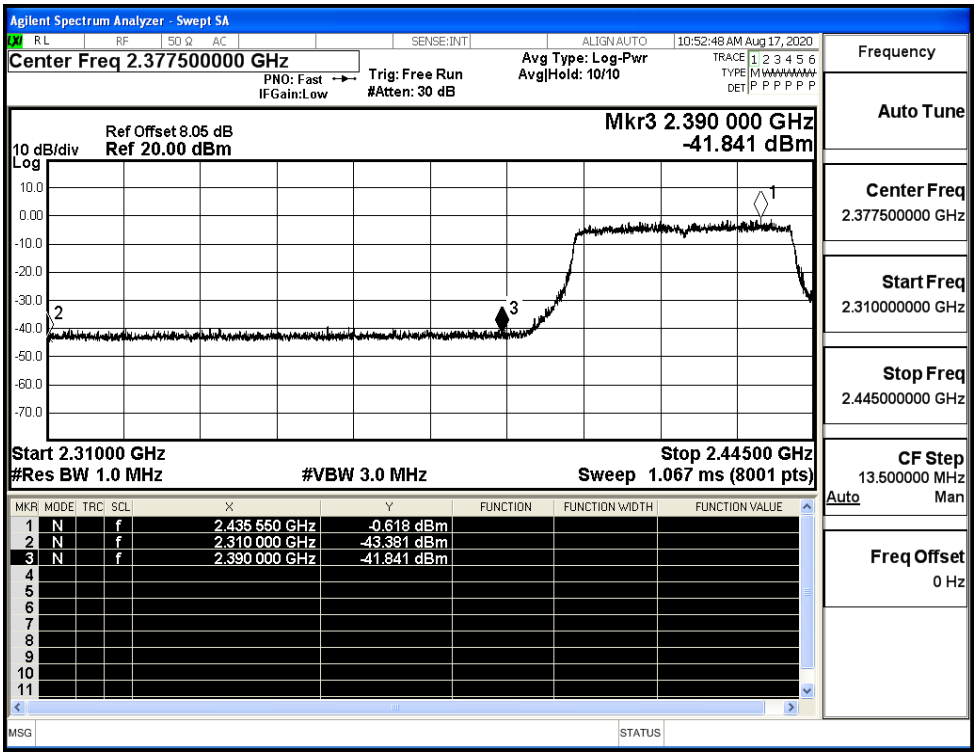
Restrict-band band-edge measurements_11N20 _2462_Ant0_PEAK



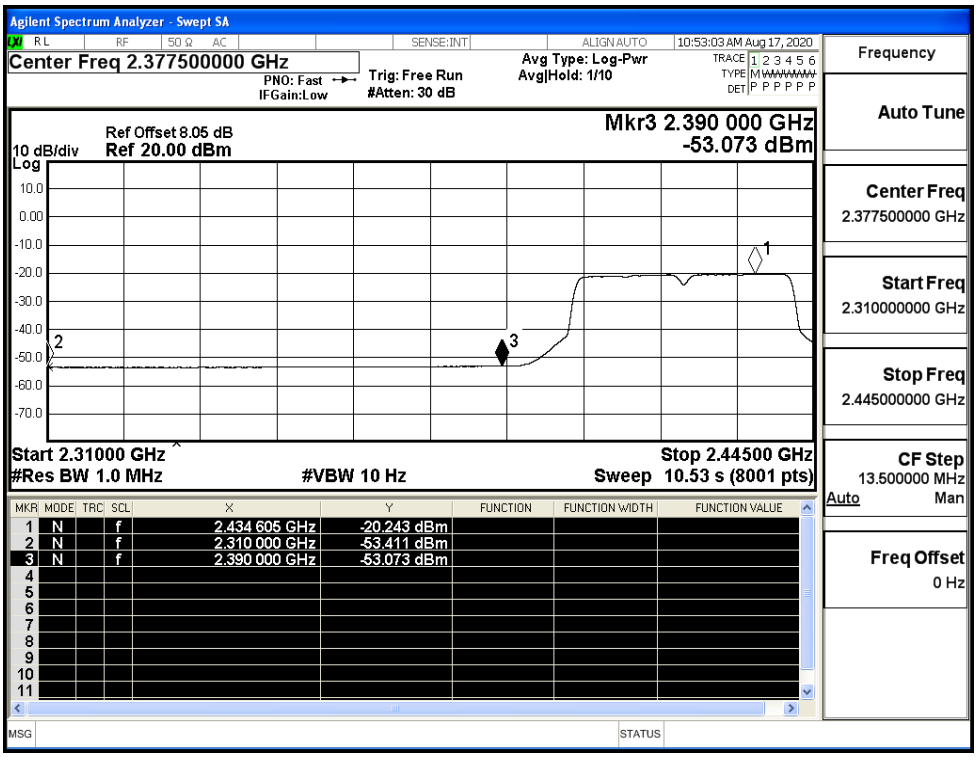
Restrict-band band-edge measurements_11N20 _2462_Ant0_AV



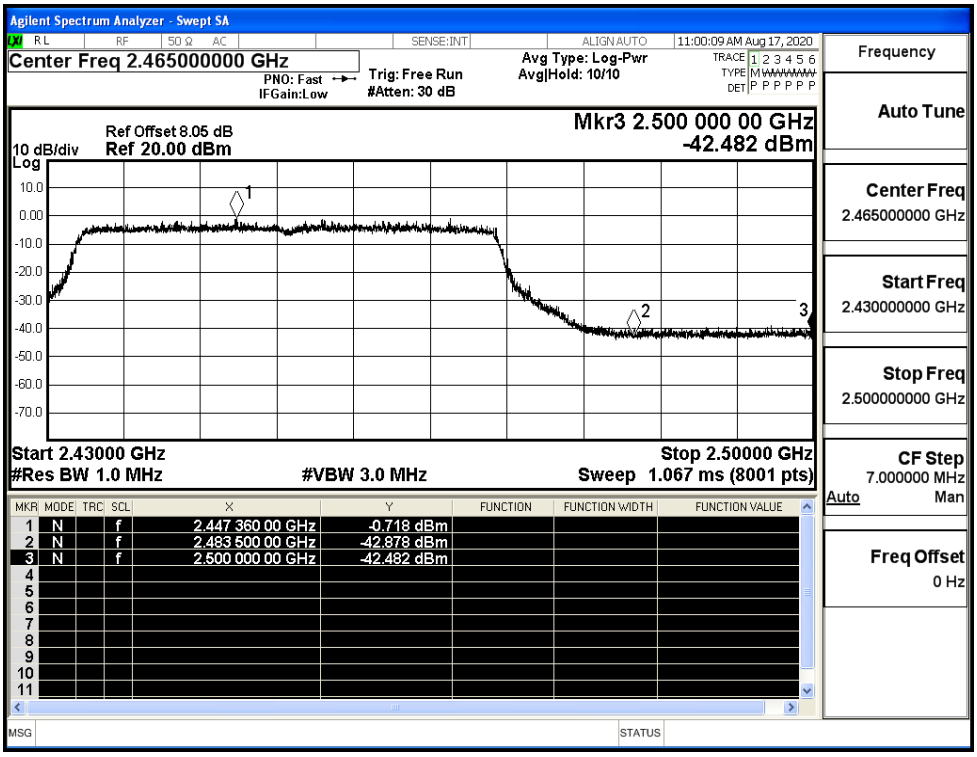
Restrict-band band-edge measurements_11N40 _2422_Ant0_PEAK



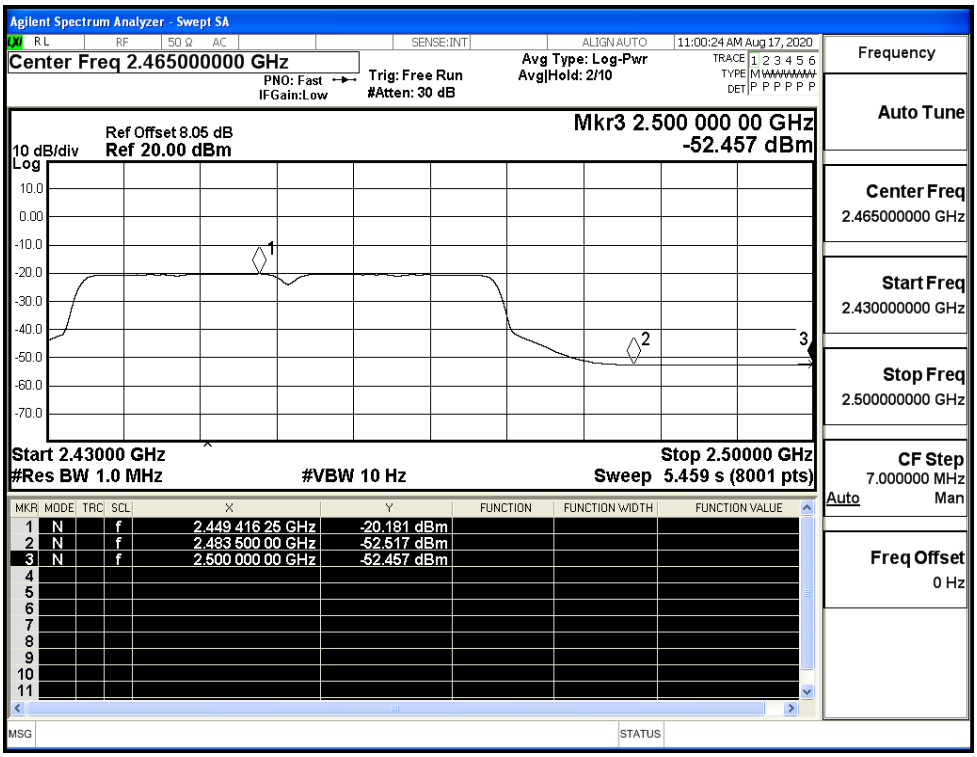
Restrict-band band-edge measurements_11N40 _2422_Ant0_AV



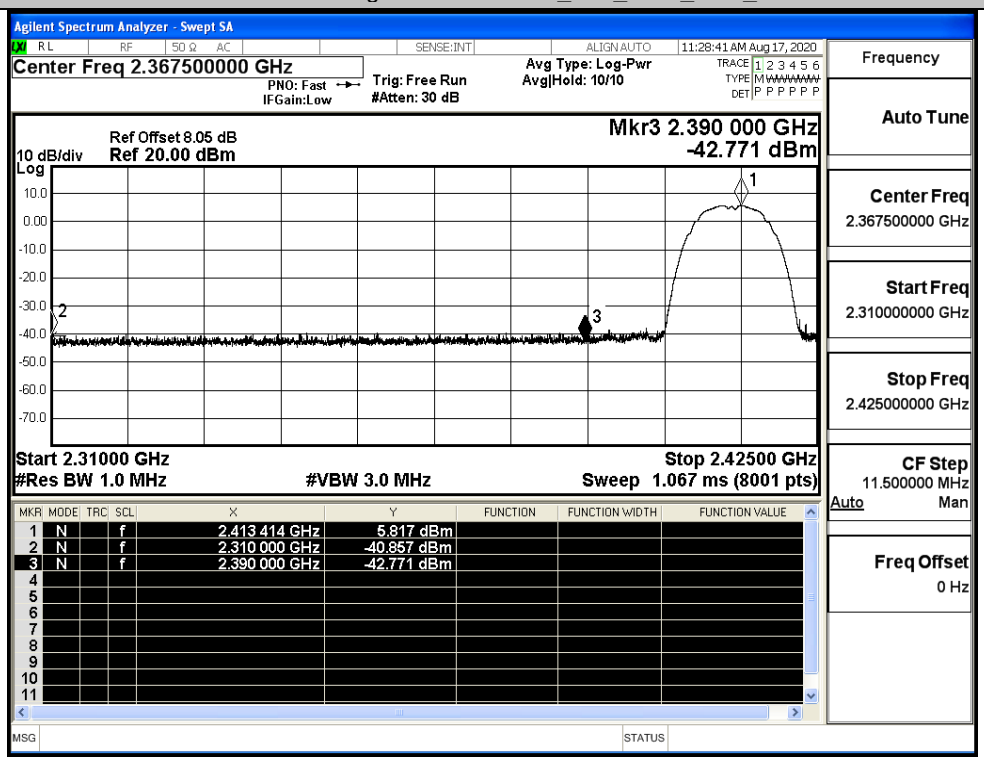
Restrict-band band-edge measurements_11N40 _2452_Ant0_PEAK



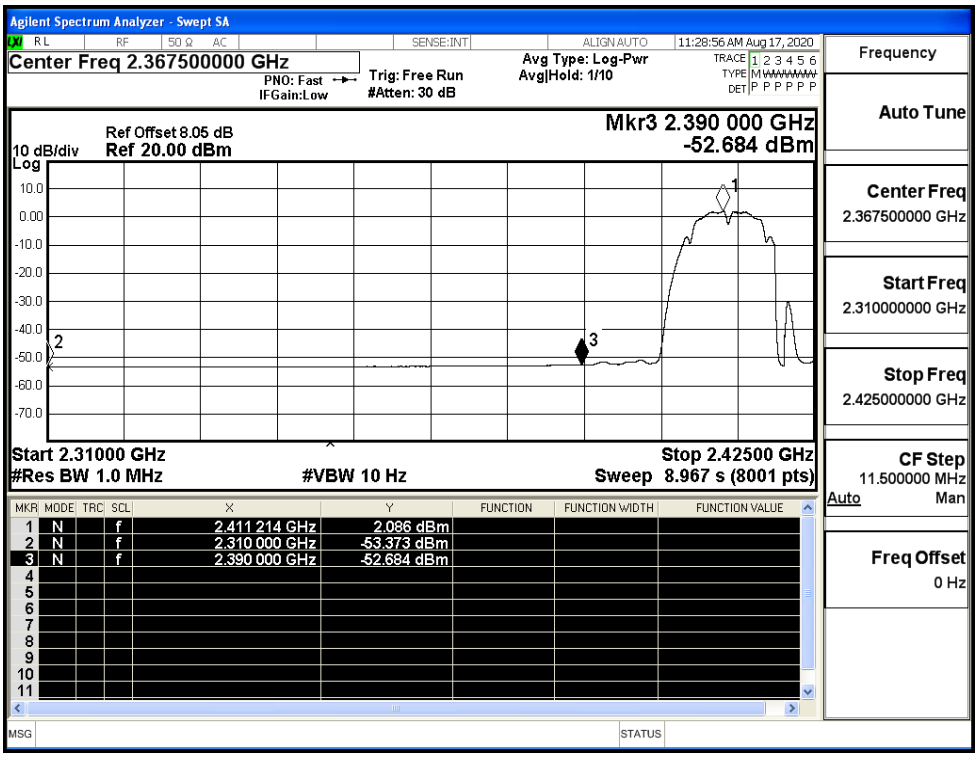
Restrict-band band-edge measurements_11N40 _2452_Ant0_AV



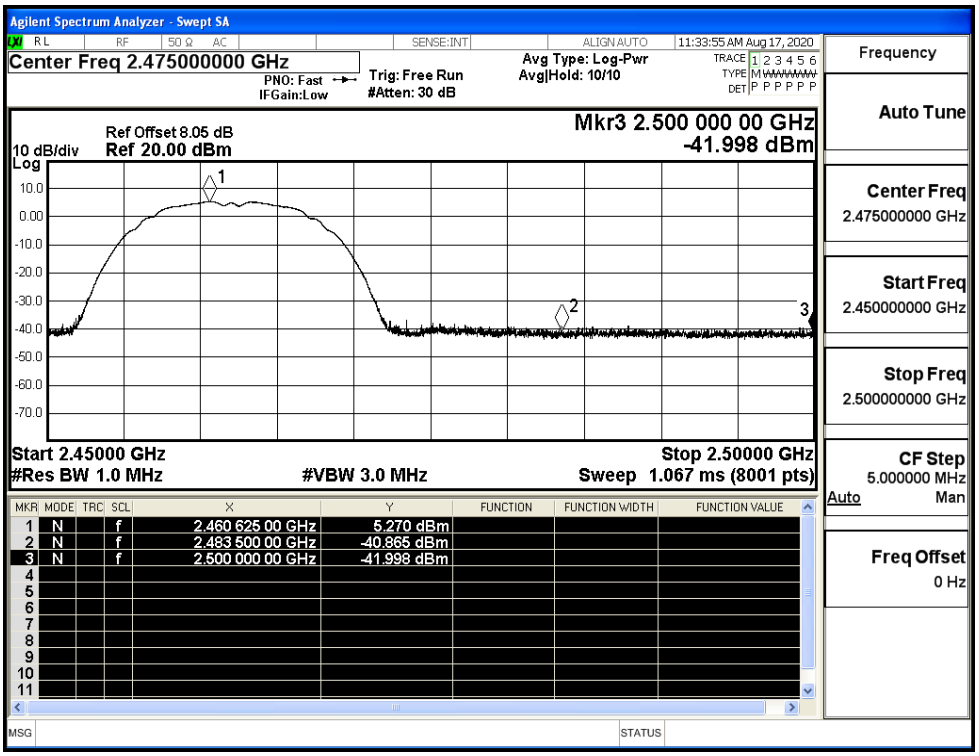
Restrict-band band-edge measurements_11B_2412_Ant1_PEAK



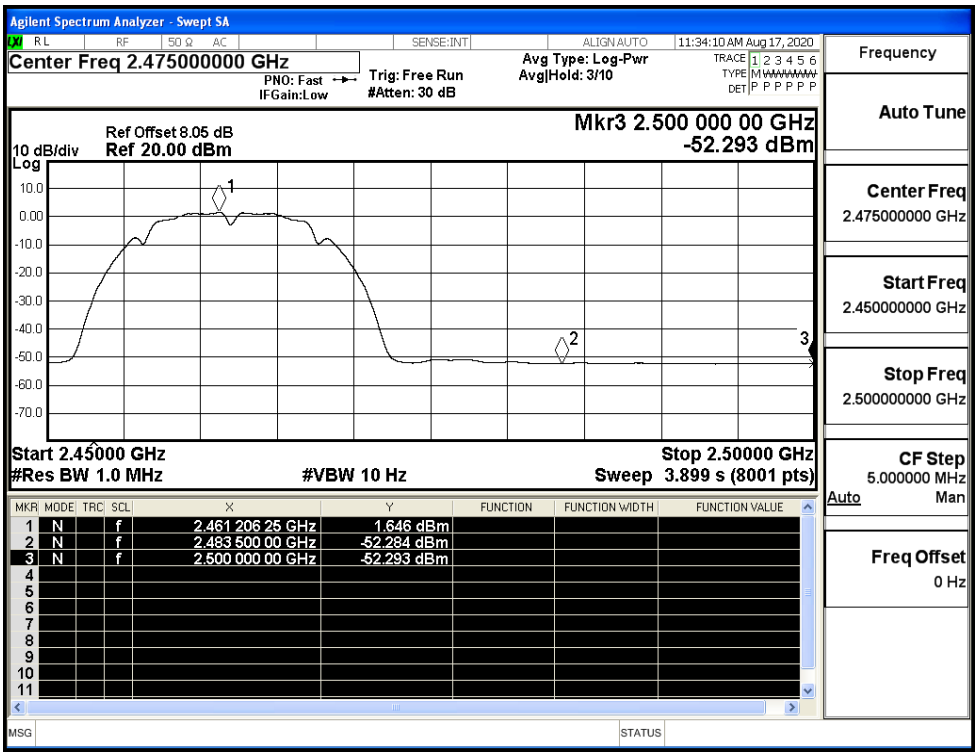
Restrict-band band-edge measurements_11B_2412_Ant1_AV



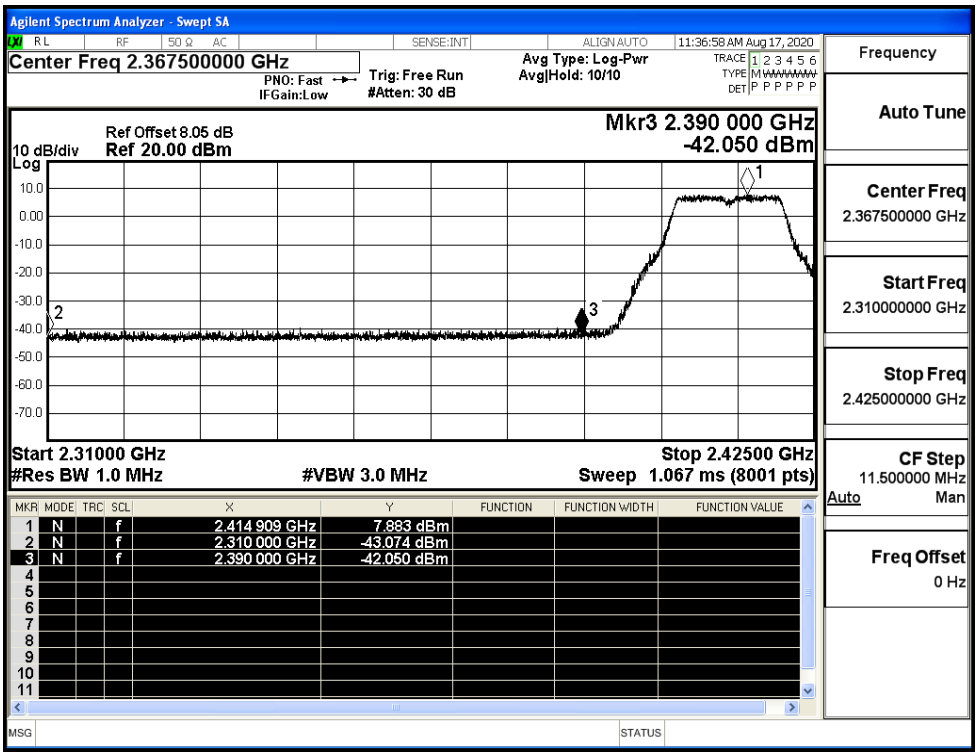
Restrict-band band-edge measurements_11B_2462_Ant1_PEAK



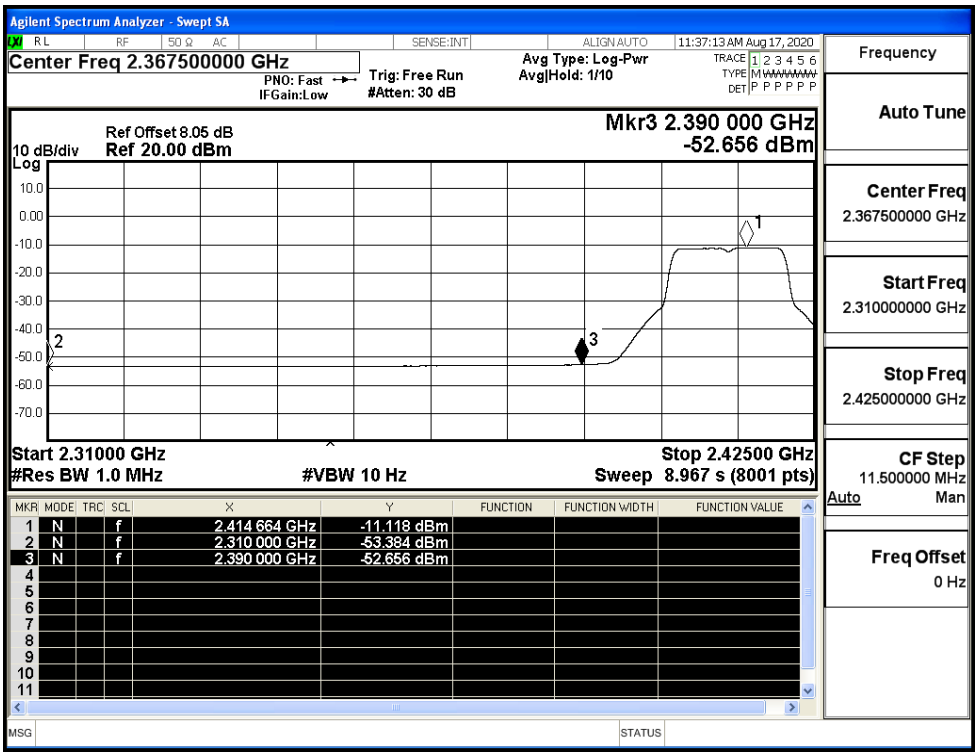
Restrict-band band-edge measurements_11B_2462_Ant1_AV



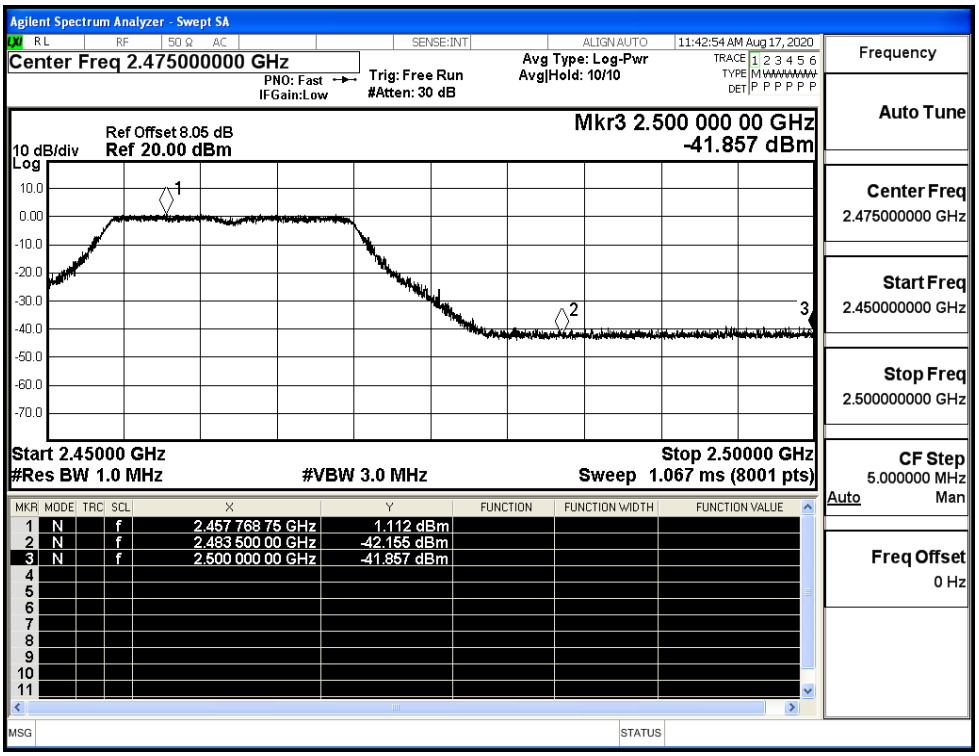
Restrict-band band-edge measurements_11G_2412_Ant1_PEAK



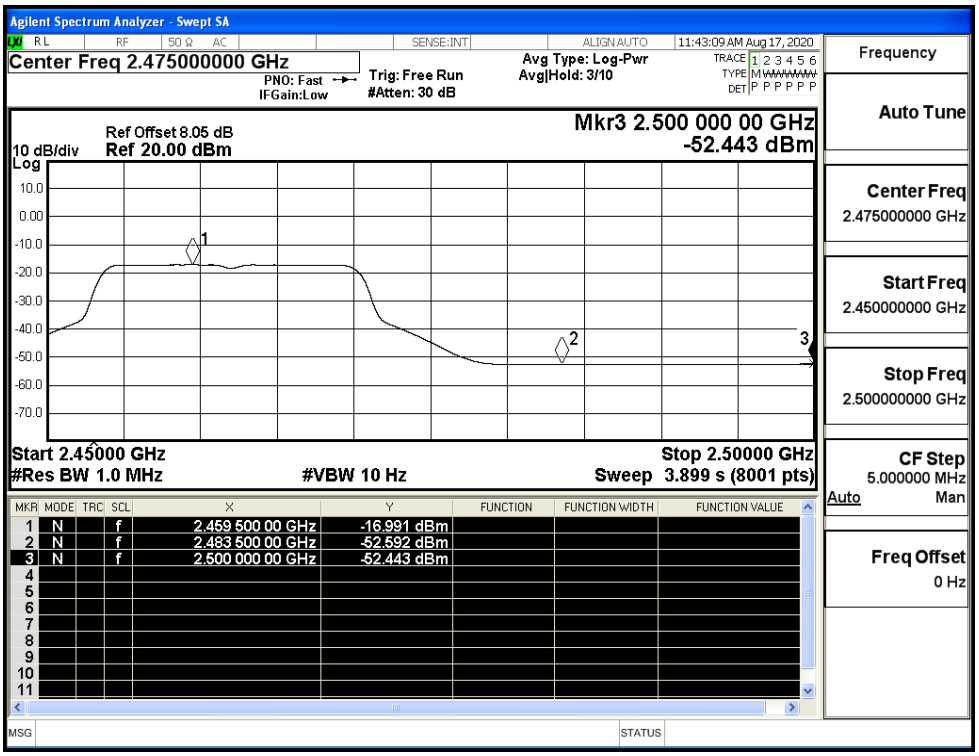
Restrict-band band-edge measurements_11G_2412_Ant1_AV



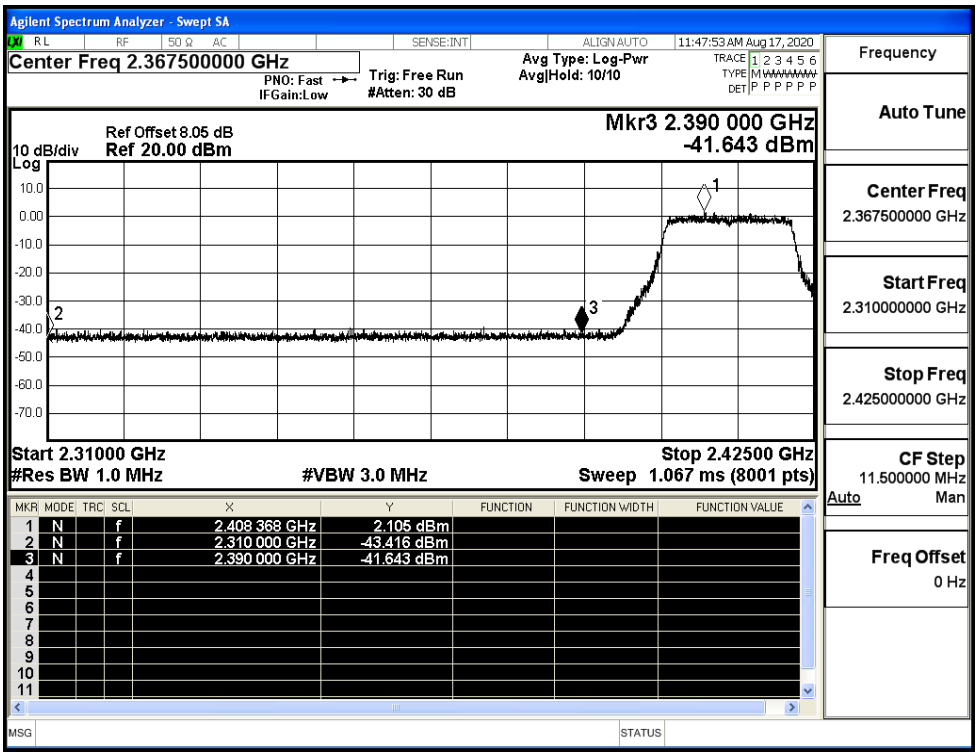
Restrict-band band-edge measurements_11G_2462_Ant1_PEAK



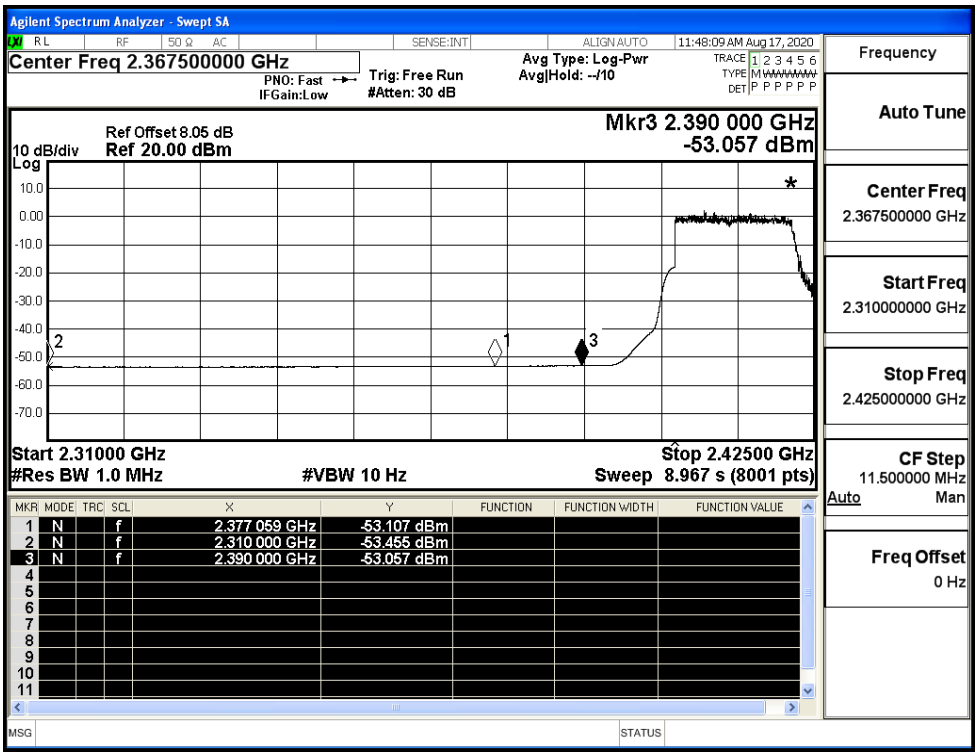
Restrict-band band-edge measurements_11G_2462_Ant1_AV



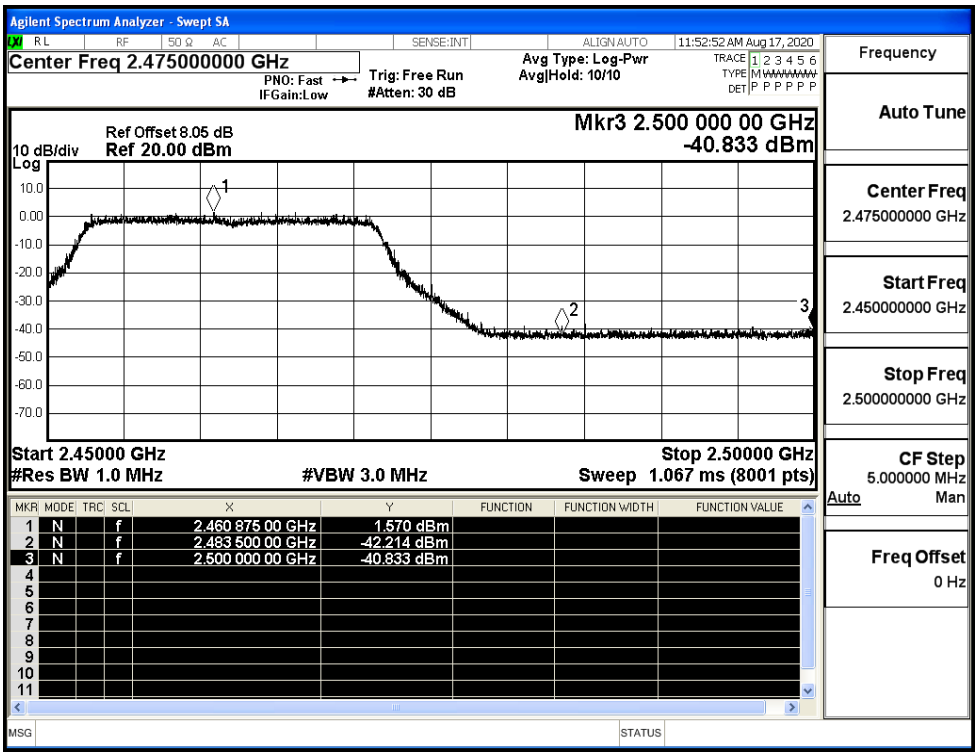
Restrict-band band-edge measurements_11N20 _2412_Ant1_PEAK



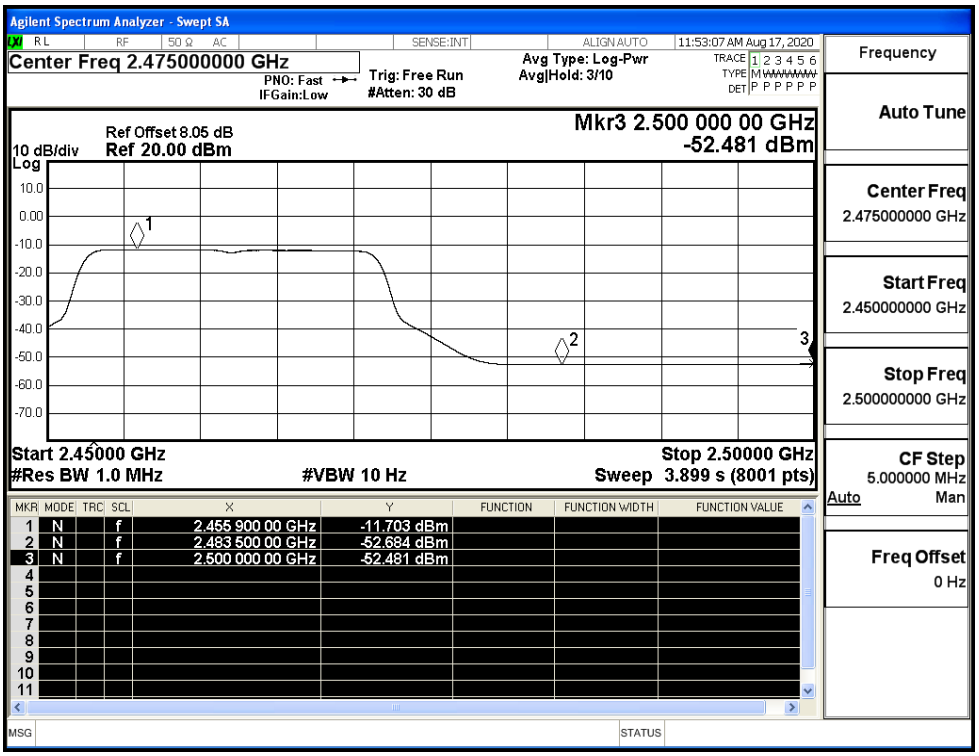
Restrict-band band-edge measurements_11N20 _2412_Ant1_AV



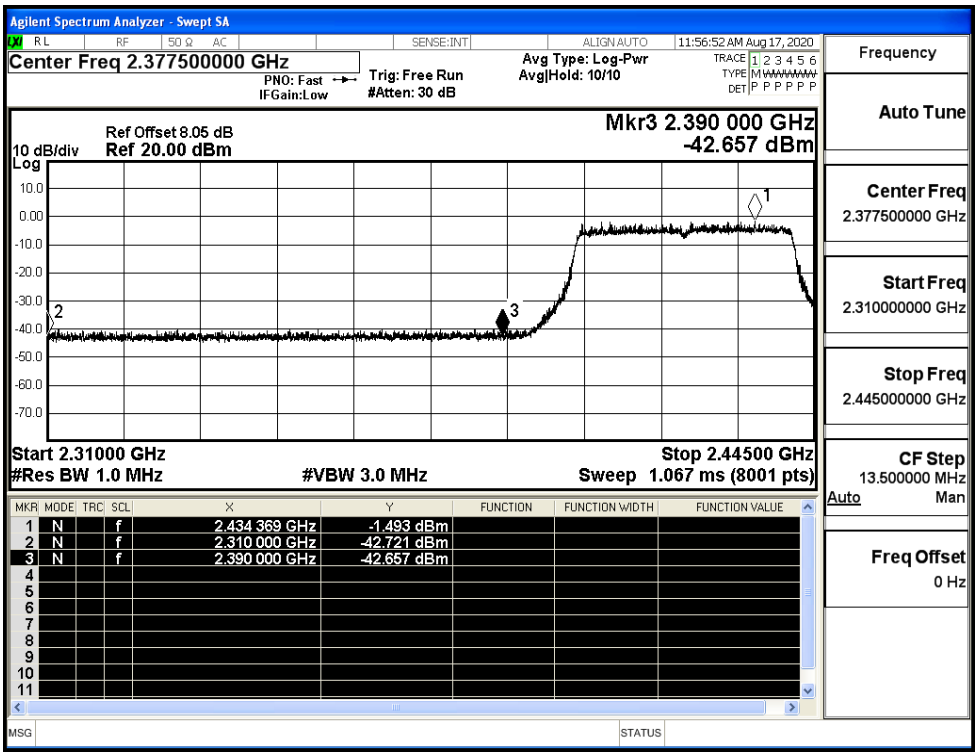
Restrict-band band-edge measurements_11N20 _2462_Ant1_PEAK



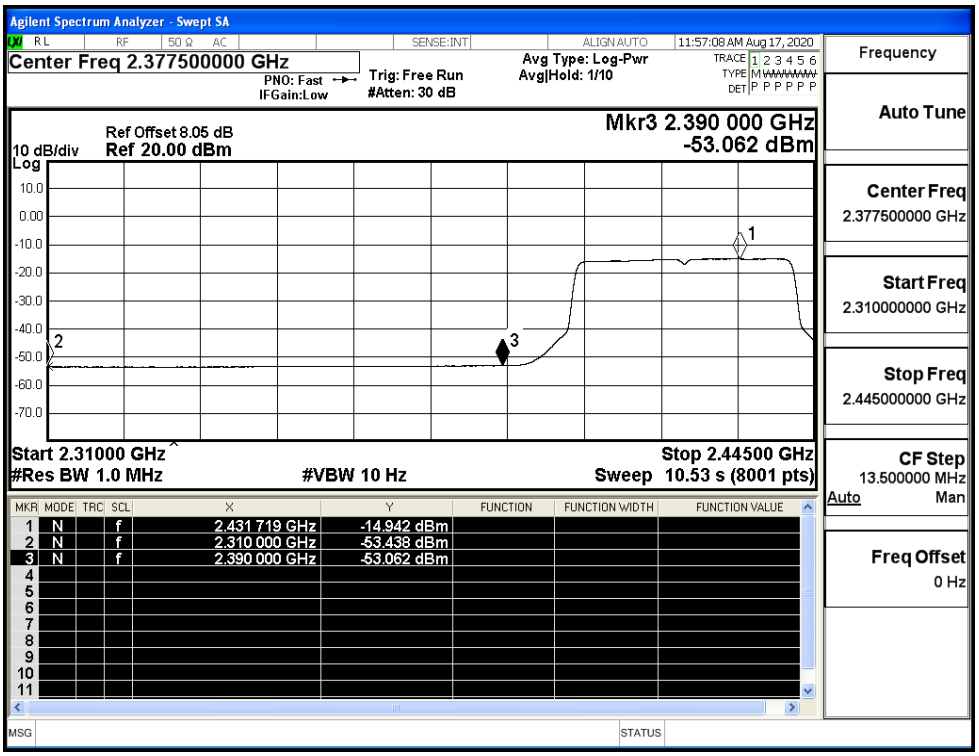
Restrict-band band-edge measurements_11N20 _2462_Ant1_AV



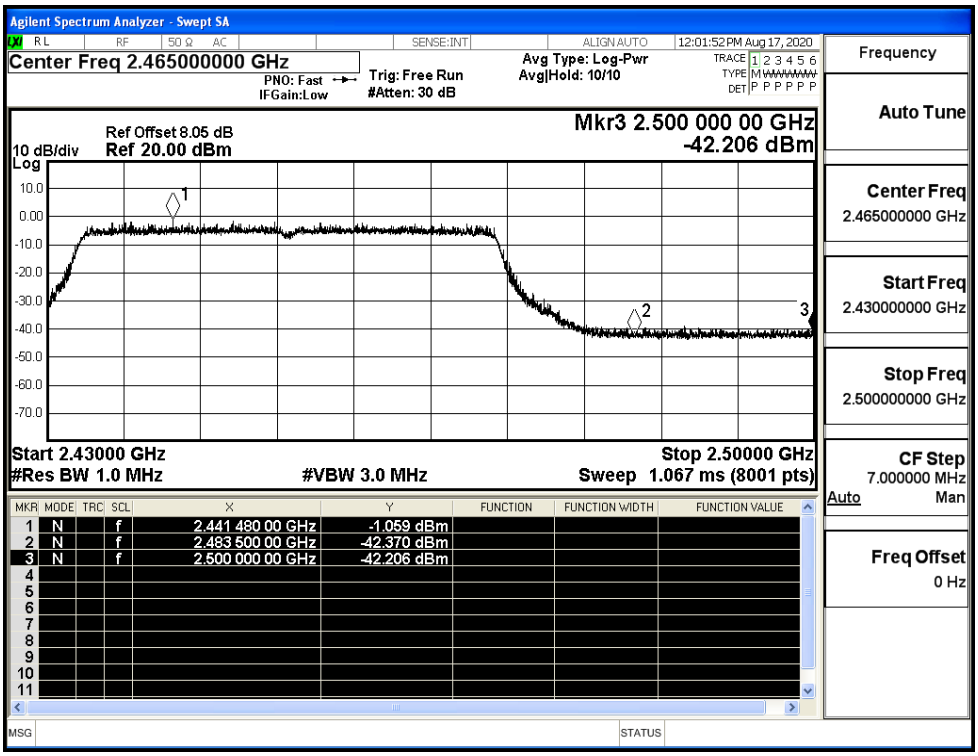
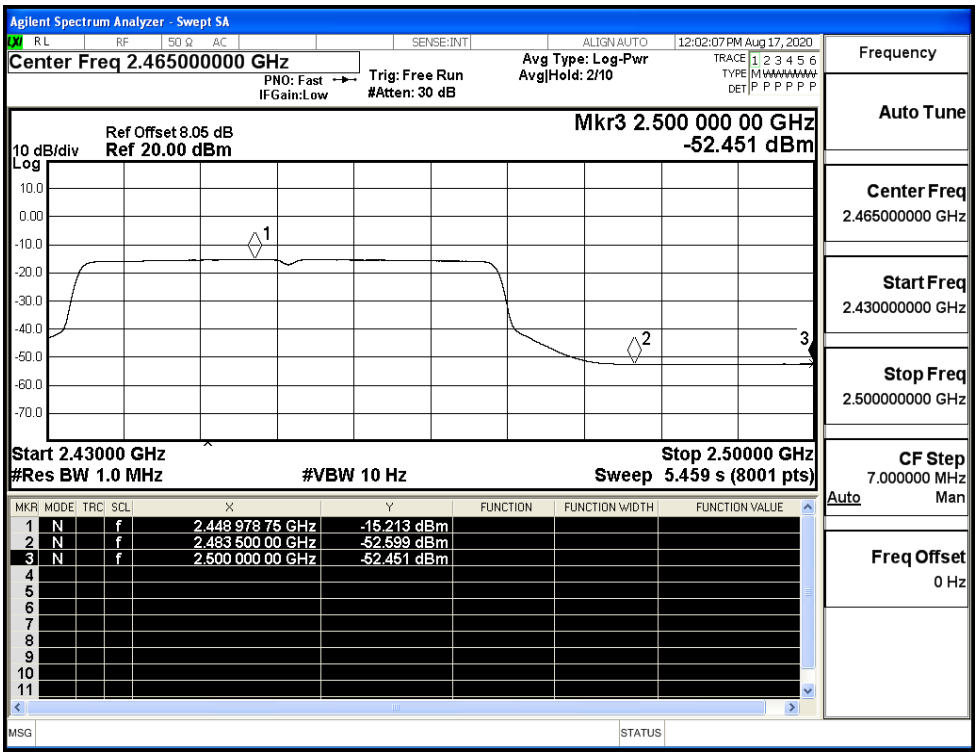
Restrict-band band-edge measurements_11N40 _2422_Ant1_PEAK



Restrict-band band-edge measurements_11N40 _2422_Ant1_AV



Restrict-band band-edge measurements_11N40 _2452_Ant1_PEAK



Restrict-band band-edge measurements_11N40 _2452_Ant1_AV