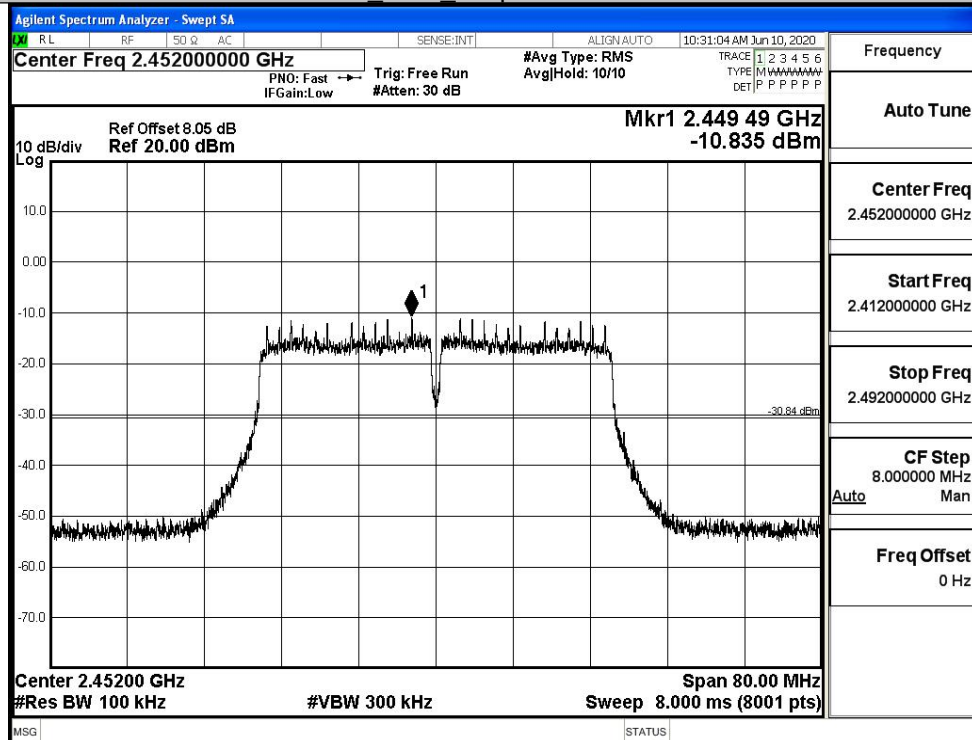
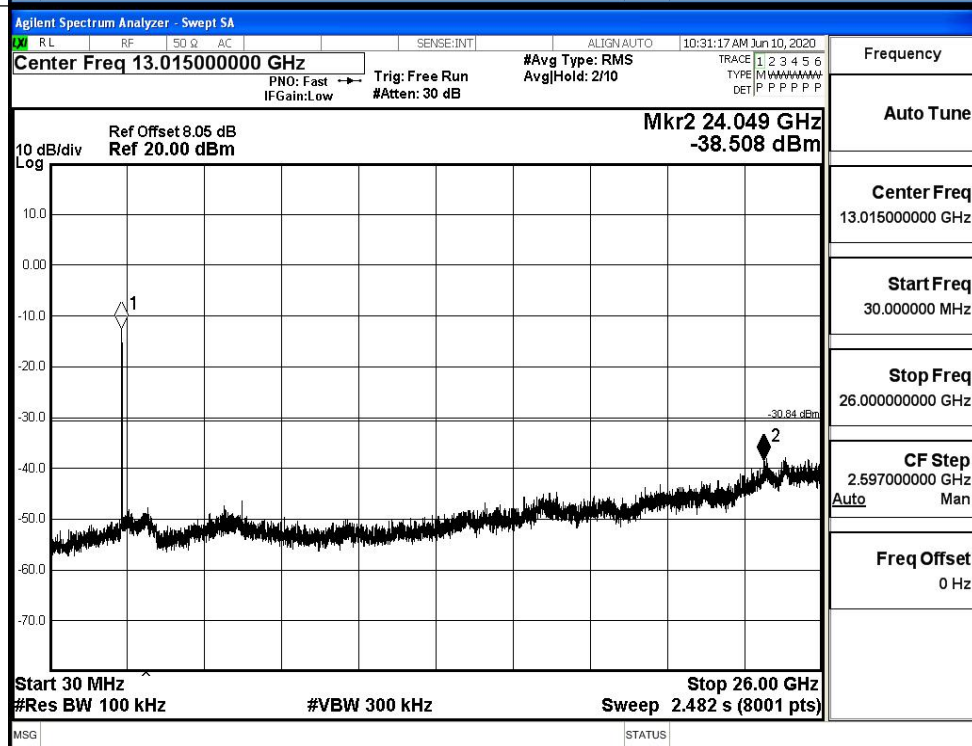


11N40SISO HCH Graphs

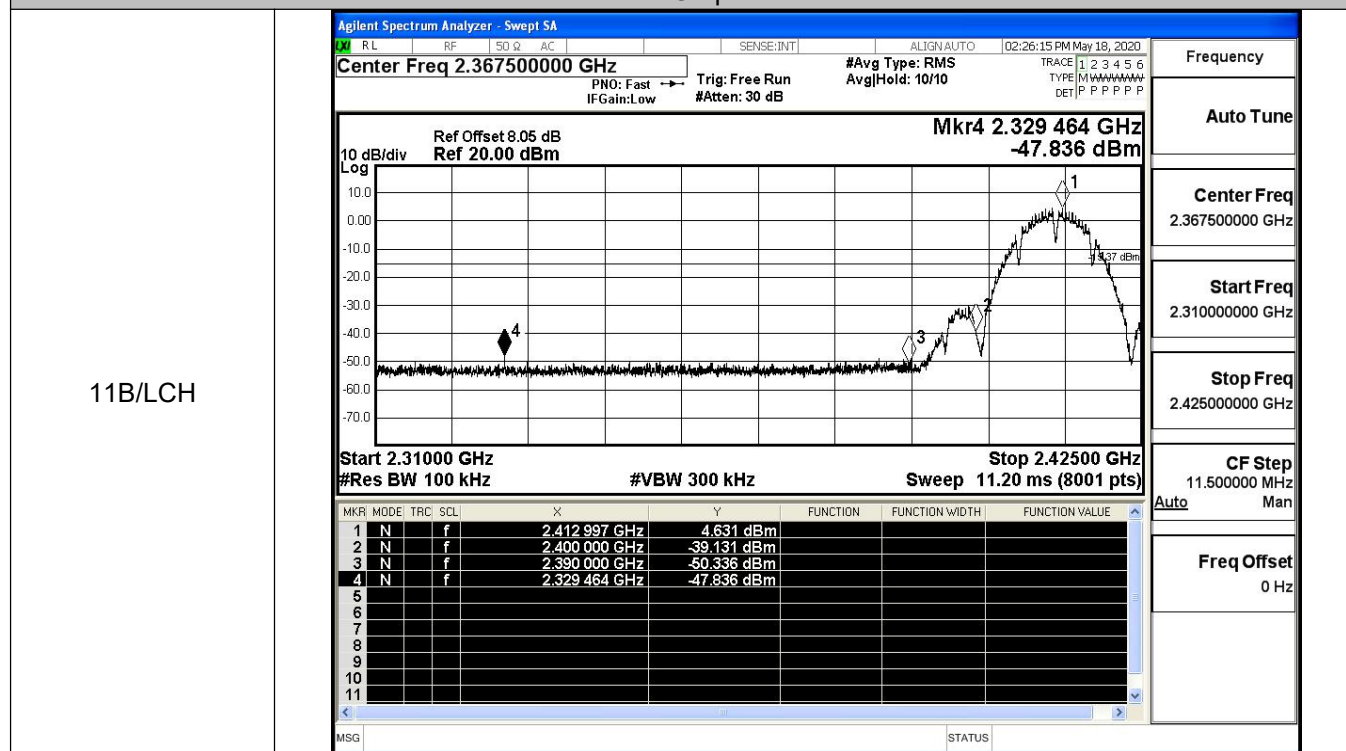
Pref/11N40
SISO/HCHPuw/11N40
SISO/HCH

C.6 Band-edge for RF Conducted Emissions

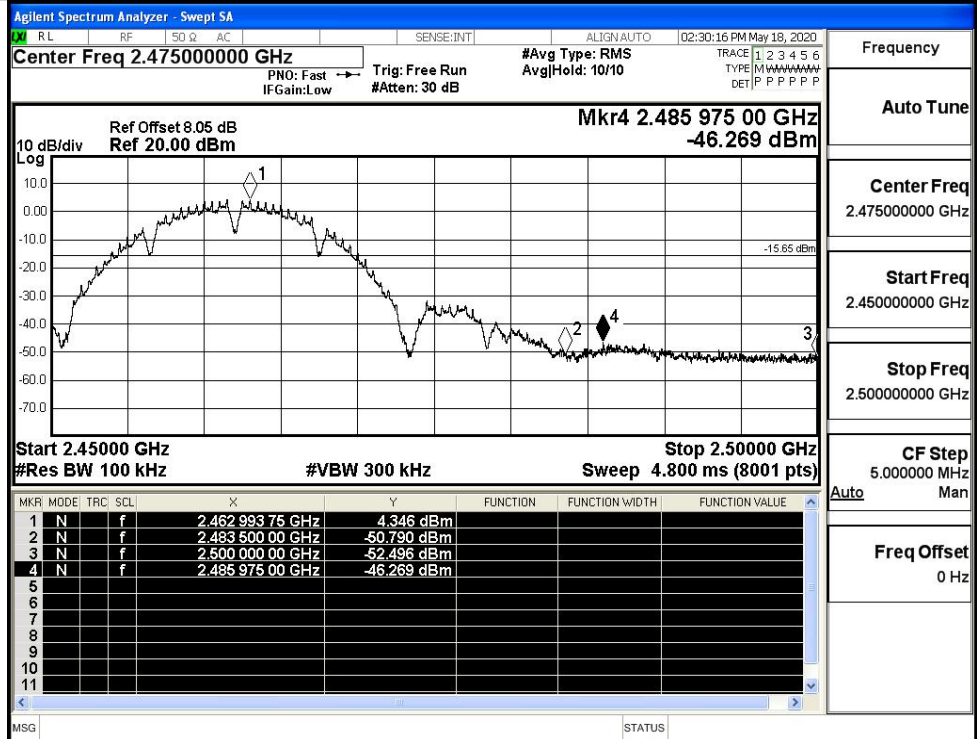
ANT 0

Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
11B	LCH	4.631	-47.836	-15.37	PASS
	HCH	4.346	-46.269	-15.65	PASS
11G	LCH	0.217	-40.215	-19.78	PASS
	HCH	0.412	-47.936	-19.59	PASS
11N20SISO	LCH	-0.583	-41.602	-20.58	PASS
	HCH	-0.561	-47.270	-20.56	PASS
11N40SISO	LCH	-3.959	-48.148	-23.96	PASS
	HCH	-3.963	-46.689	-23.96	PASS

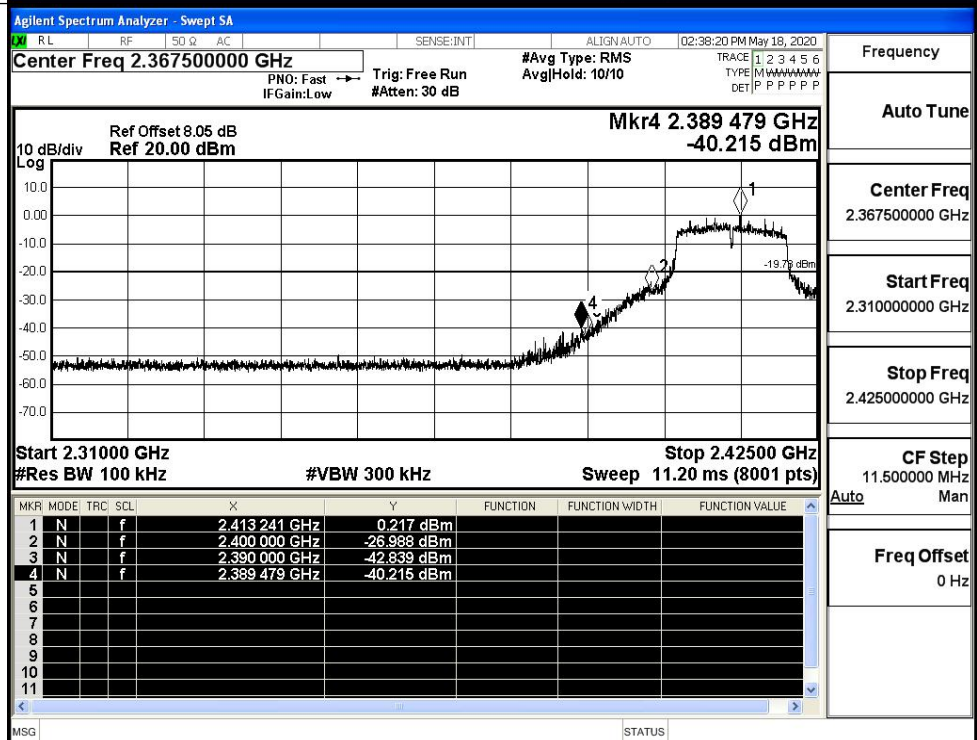
Test Graphs



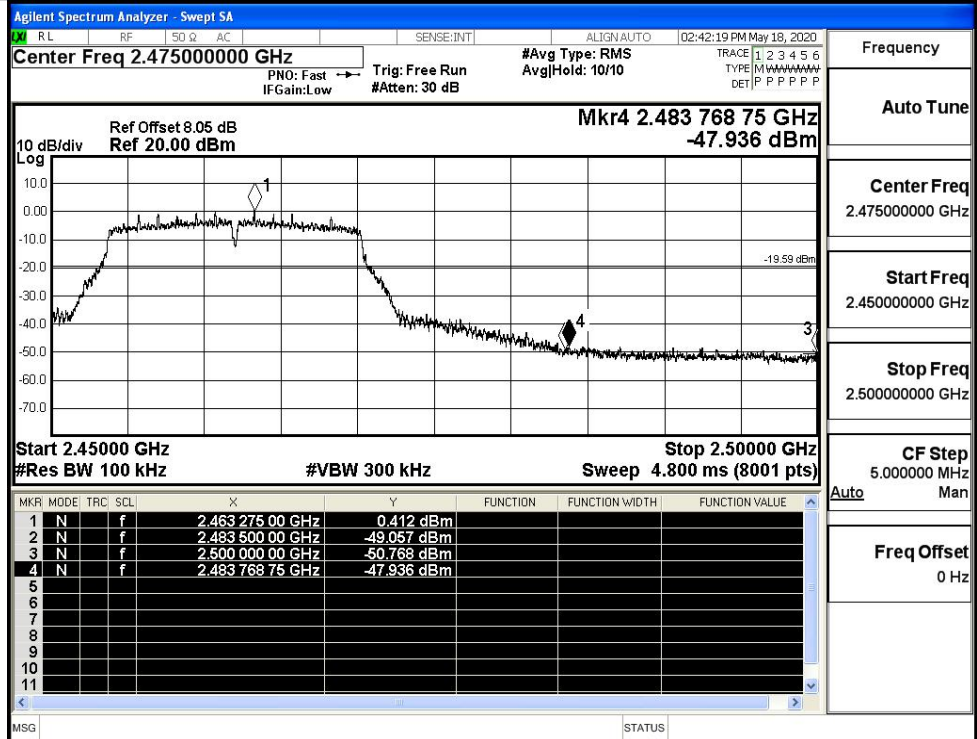
11B/HCH



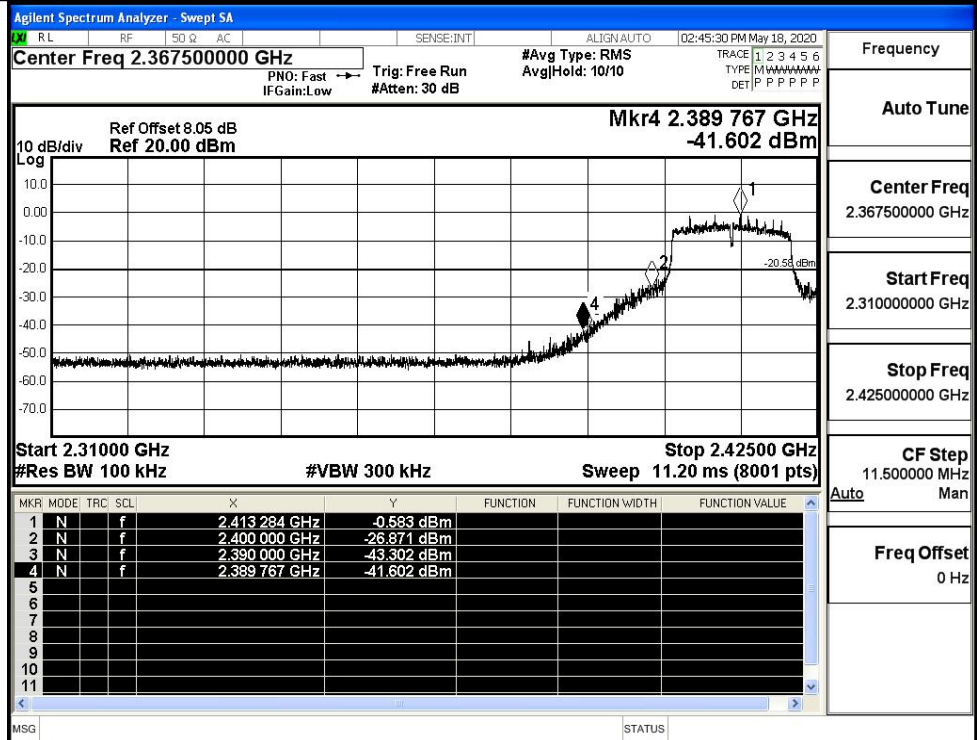
11G/LCH



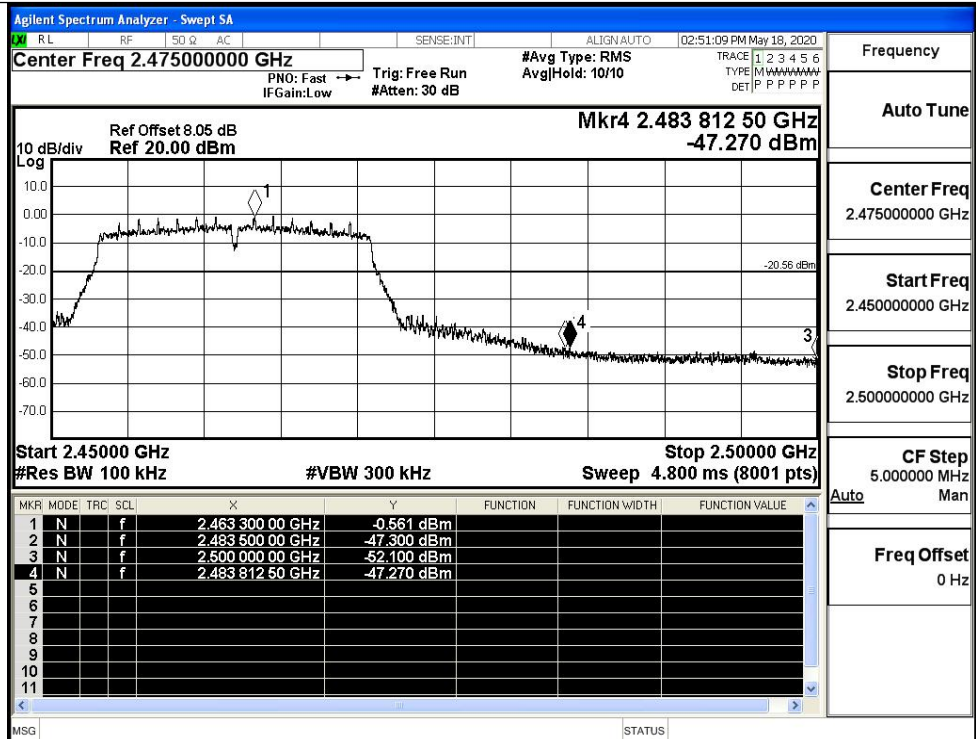
11G/HCH



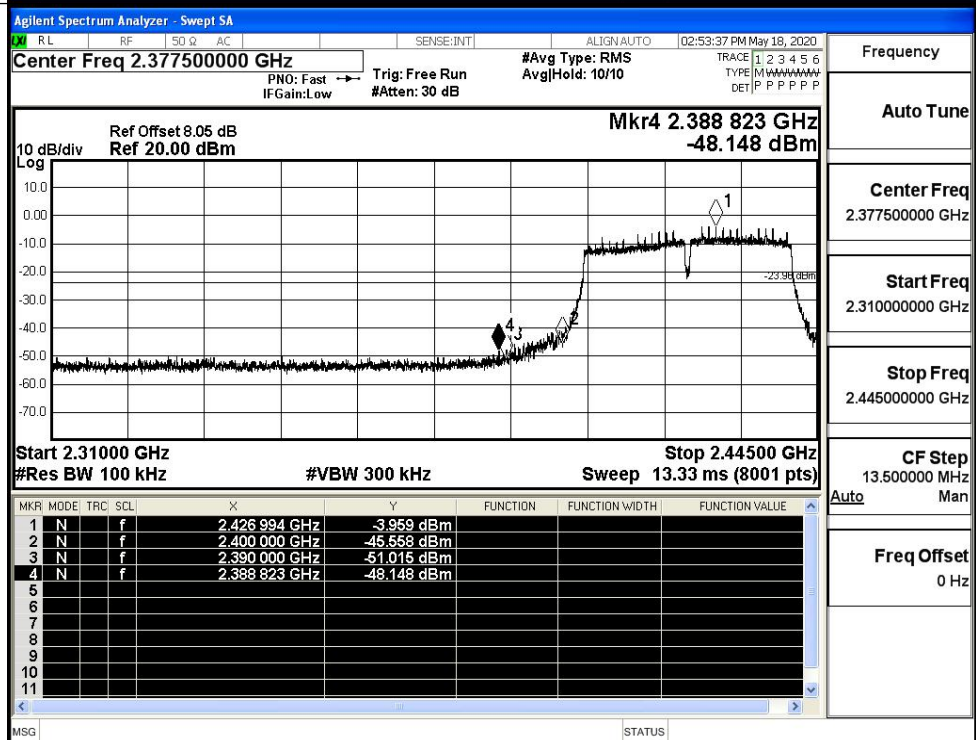
11N20SISO/LCH



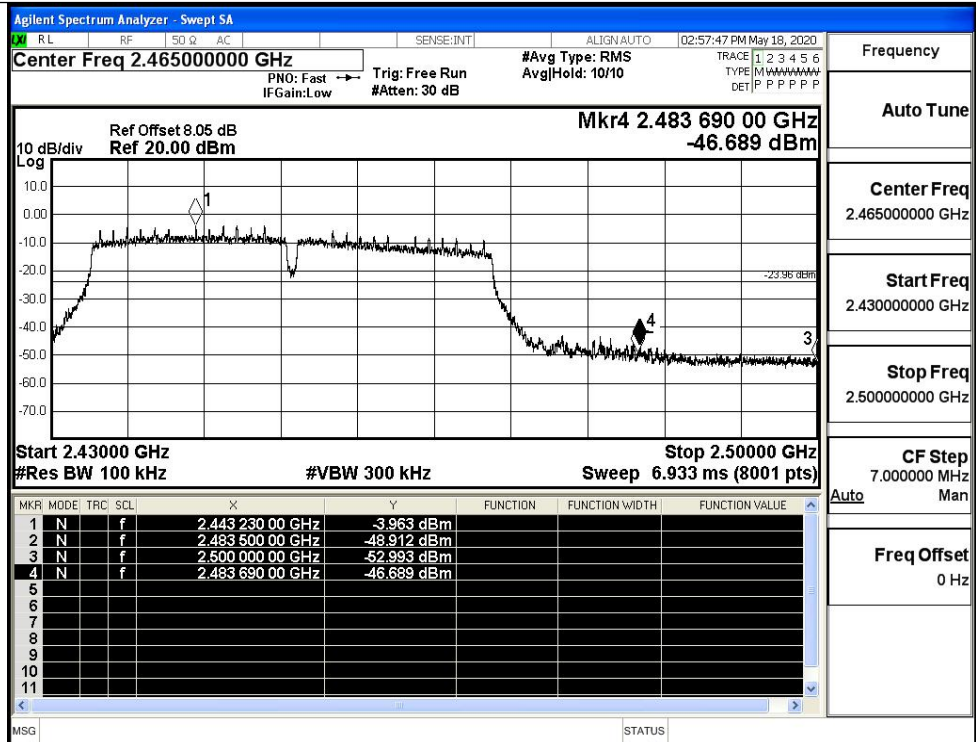
11N20SISO/HCH



11N40SISO/LCH



11N40SISO/HCH

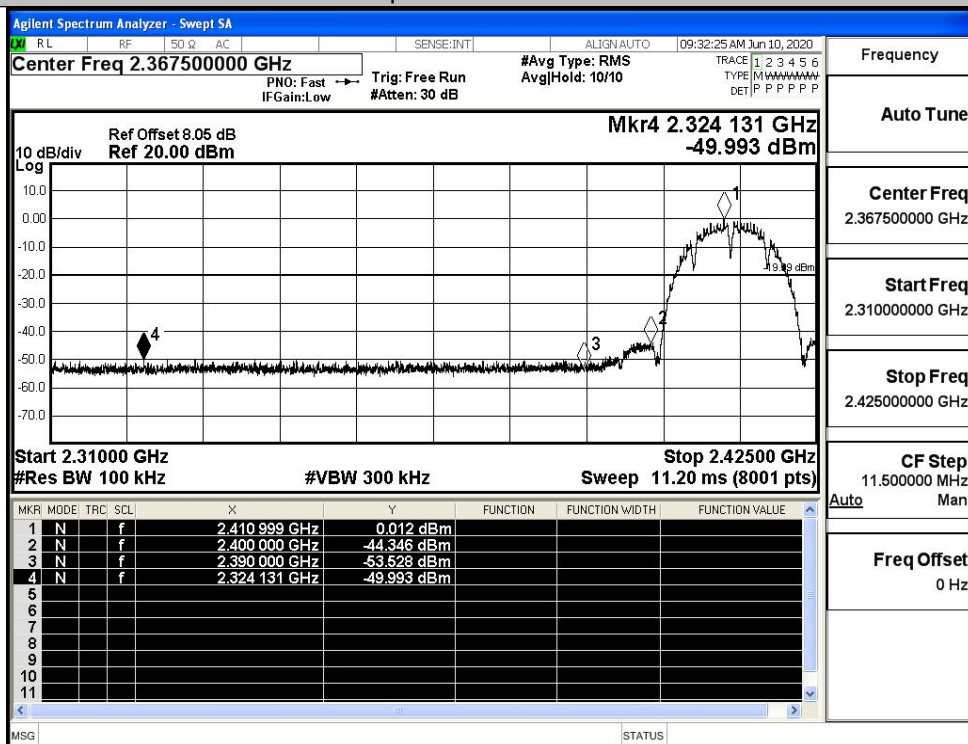


ANT 1

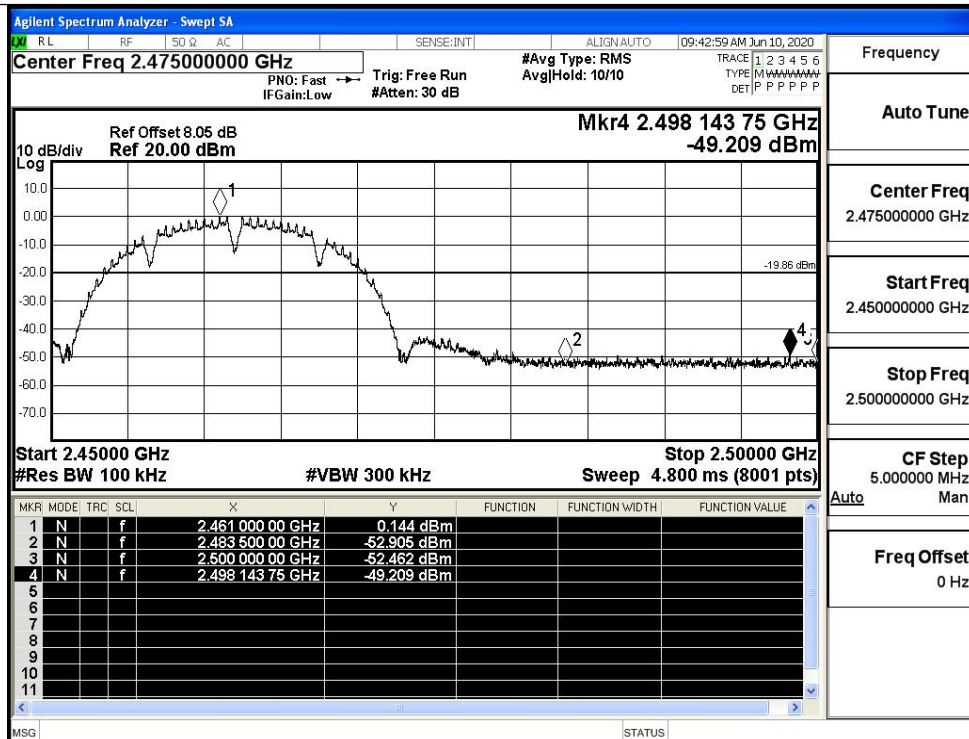
Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
11B	LCH	0.012	-49.993	-19.99	PASS
	HCH	0.144	-49.209	-19.86	PASS
11G	LCH	-7.938	-49.576	-27.94	PASS
	HCH	-8.330	-48.729	-28.33	PASS
11N20SISO	LCH	-8.088	-50.028	-28.09	PASS
	HCH	-7.901	-49.570	-27.9	PASS
11N40SISO	LCH	-11.253	-49.759	-31.25	PASS
	HCH	-11.311	-48.879	-31.31	PASS

Test Graphs

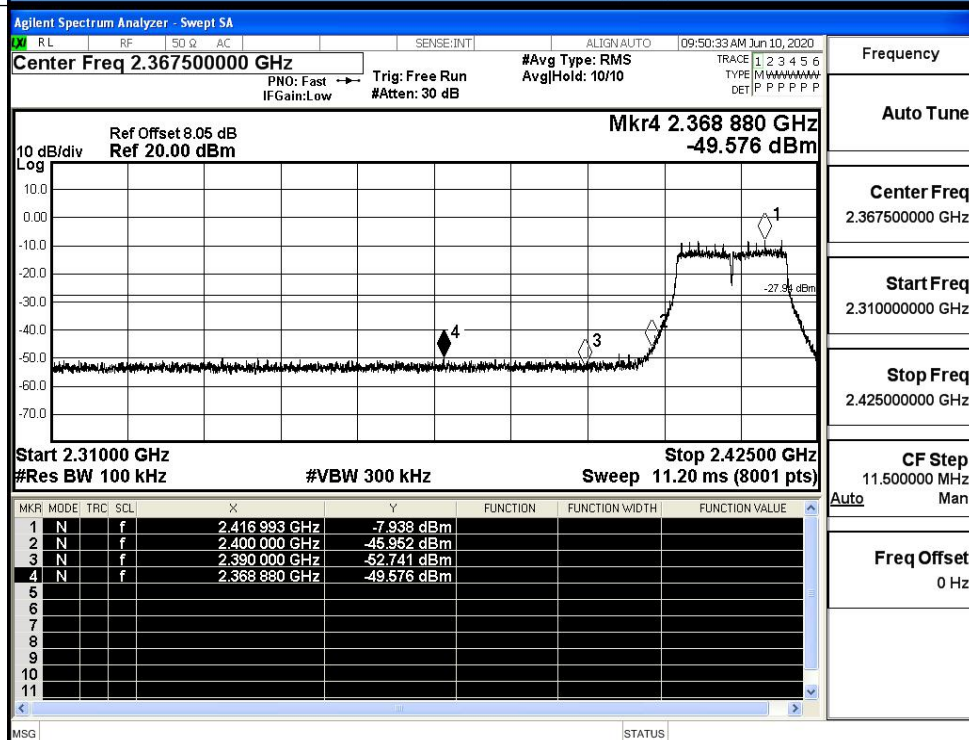
11B/LCH



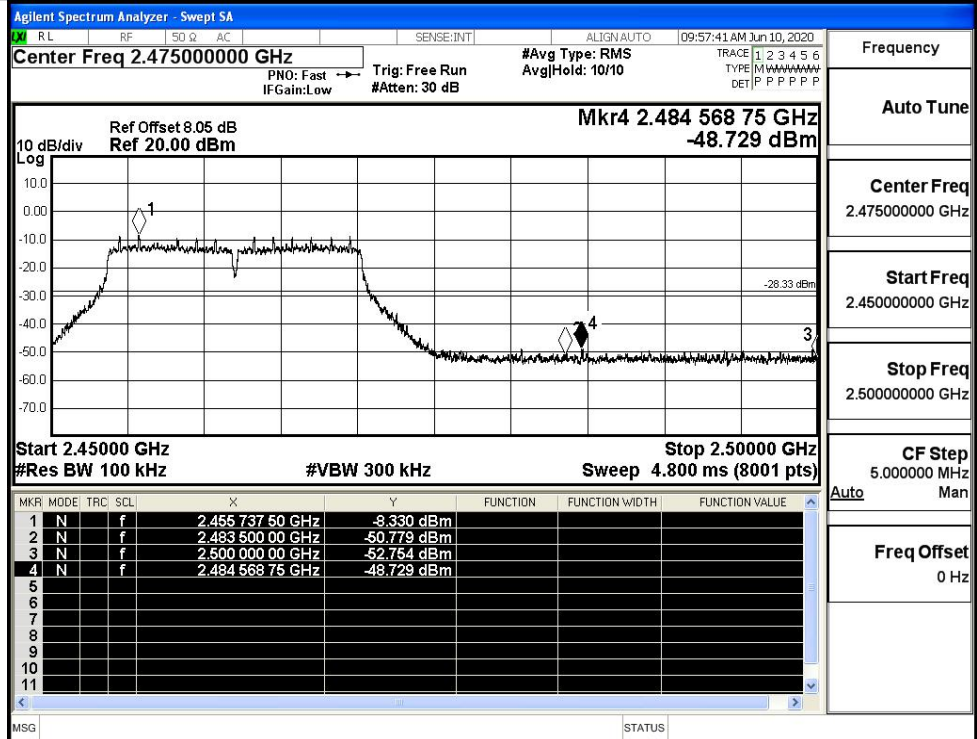
11B/HCH



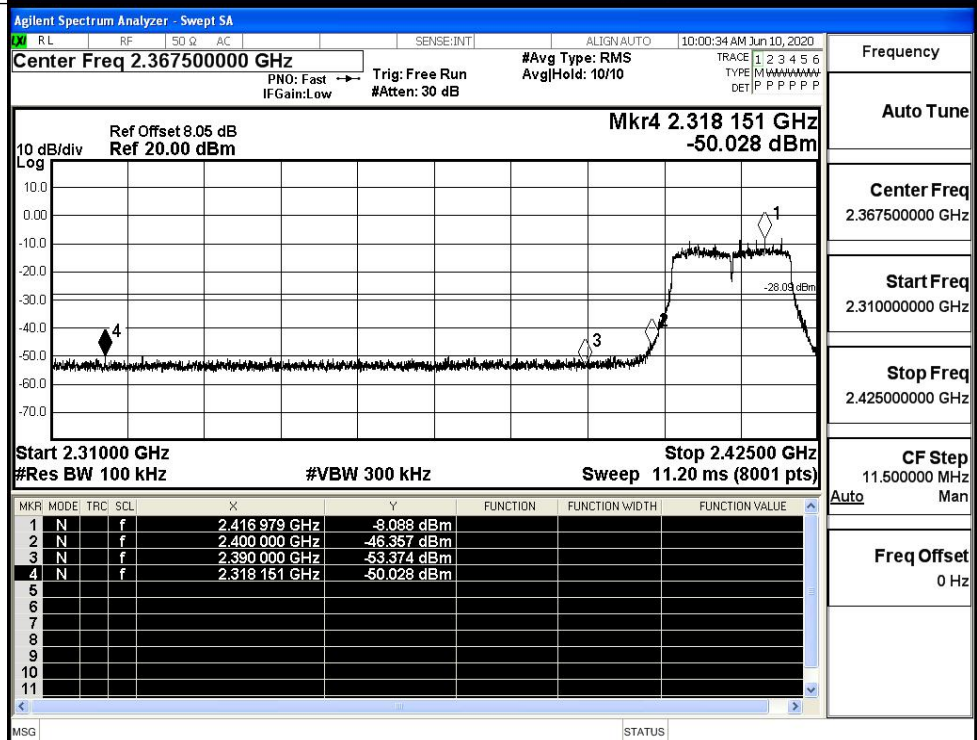
11G/LCH



11G/HCH



11N20SISO/LCH



Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 10:05:35 AM Jun 10, 2020

Center Freq 2.475000000 GHz #Avg Type: RMS #Atten: 30 dB
 PNO: Fast IF Gain: Low Trg: Free Run
 TRACE 1 2 3 4 5 6 TYPE M W A V I N N DET P P P P P P

Ref Offset 8.05 dB Mkr4 2.493 593 75 GHz
 Ref 20.00 dBm -49.570 dBm

10 dB/div Log

1 2 3 4

Start 2.45000 GHz Stop 2.50000 GHz
 #Res BW 100 kHz #VBW 300 kHz Sweep 4.800 ms (8001 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N		f	2.455 743 75 GHz	-7.901 dBm			
2	N		f	2.483 500 00 GHz	-53.068 dBm			
3	N		f	2.500 000 00 GHz	-52.300 dBm			
4	N		f	2.493 593 75 GHz	-49.570 dBm			
5								
6								
7								
8								
9								
10								
11								

MSG STATUS

Auto Man

Freq Offset 0 Hz

Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:INT ALIGN AUTO 10:11:47 AM Jun 10, 2020

Center Freq 2.377500000 GHz PNO: Fast Trg: Free Run Avg Type: RMS #Avg Hold: 10/10

IF Gain: Low #Atten: 30 dB TRACE 1 2 3 4 5 6 TYPE M W X Y Z DET P P P P P P

Ref Offset 8.05 dB Mkr4 2.342 771 GHz
Ref 20.00 dBm -49.759 dBm

10 dB/div Log

Start 2.31000 GHz Stop 2.44500 GHz
#Res BW 100 kHz #VBW 300 kHz Sweep 13.33 ms (8001 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N		f	2.437 001 GHz	-11.253 dBm			
2	N		f	2.400 000 GHz	-47.013 dBm			
3	N		f	2.390 000 GHz	-52.939 dBm			
4	N		f	2.342 771 GHz	-49.759 dBm			
5								
6								
7								
8								
9								
10								
11								

MSG STATUS

Frequency

Auto Tune

Center Freq 2.377500000 GHz

Start Freq 2.310000000 GHz

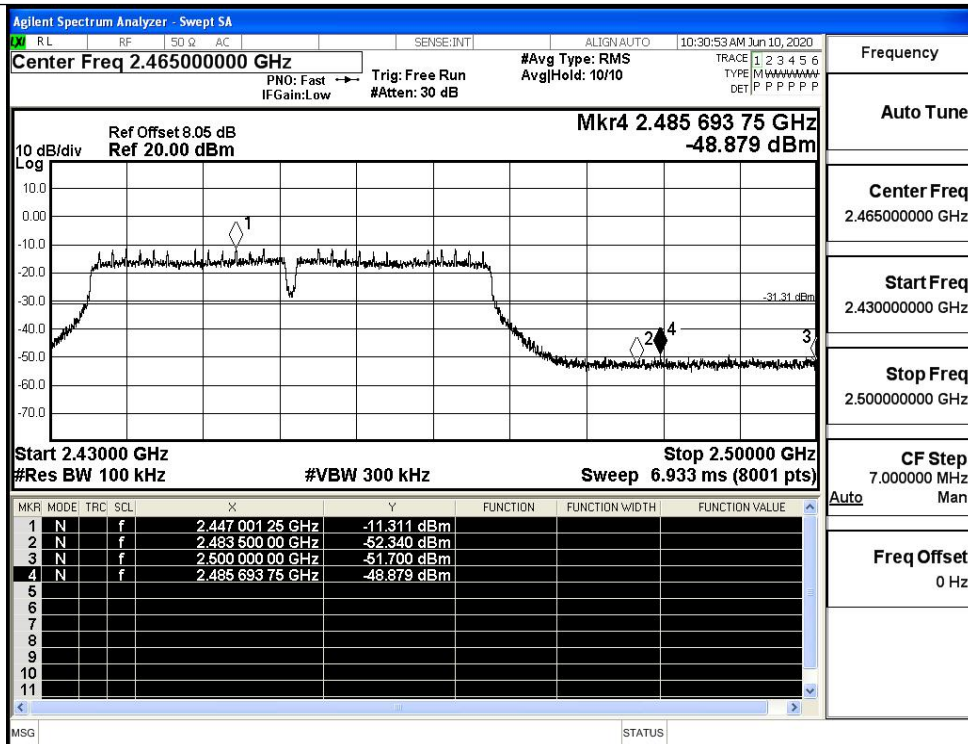
Stop Freq 2.445000000 GHz

CF Step 13.500000 MHz

Auto Man

Freq Offset 0 Hz

11N40SISO/HCH



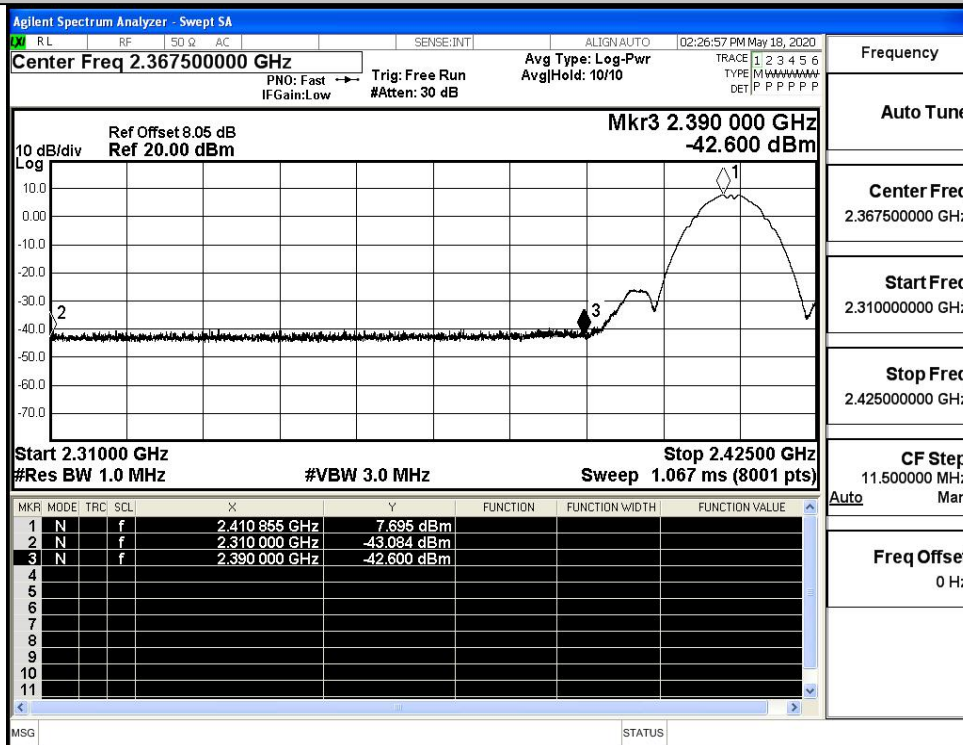
C.7 Restrict-band band-edge measurements

ANT 0

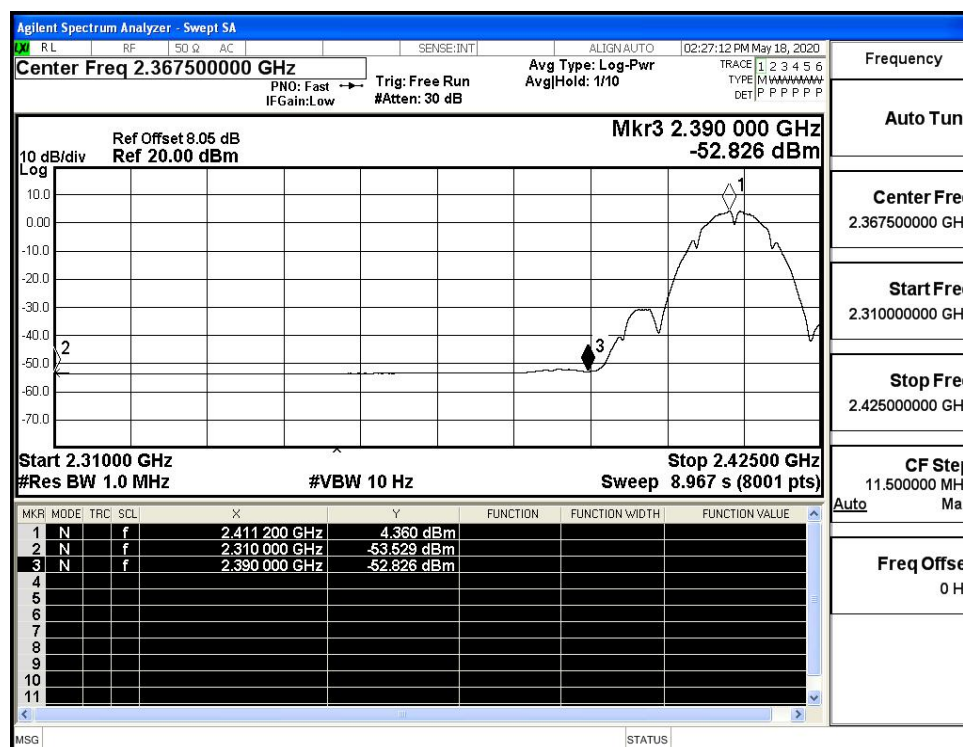
Test Mode	Test Channel	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
11B	2412	Ant 0	2310.0	-43.08	2.0	0	54.17	PEAK	74	PASS
	2412	Ant 0	2310.0	-53.53	2.0	0	43.73	AV	54	PASS
	2412	Ant 0	2390.0	-42.60	2.0	0	54.66	PEAK	74	PASS
	2412	Ant 0	2390.0	-52.83	2.0	0	44.43	AV	54	PASS
	2462	Ant 0	2483.5	-40.00	2.0	0	57.25	PEAK	74	PASS
	2462	Ant 0	2483.5	-50.80	2.0	0	46.45	AV	54	PASS
	2462	Ant 0	2500.0	-42.47	2.0	0	54.79	PEAK	74	PASS
	2462	Ant 0	2500.0	-52.59	2.0	0	44.67	AV	54	PASS
11G	2412	Ant 0	2310.0	-44.47	2.0	0	52.79	PEAK	74	PASS
	2412	Ant 0	2310.0	-53.57	2.0	0	43.68	AV	54	PASS
	2412	Ant 0	2390.0	-27.53	2.0	0	69.73	PEAK	74	PASS
	2412	Ant 0	2390.0	-46.22	2.0	0	51.04	AV	54	PASS
	2462	Ant 0	2483.5	-39.09	2.0	0	58.17	PEAK	74	PASS
	2462	Ant 0	2483.5	-49.89	2.0	0	47.37	AV	54	PASS
	2462	Ant 0	2500.0	-42.49	2.0	0	54.77	PEAK	74	PASS
	2462	Ant 0	2500.0	-52.59	2.0	0	44.67	AV	54	PASS
11N20 SISO	2412	Ant 0	2310.0	-43.84	2.0	0	53.41	PEAK	74	PASS
	2412	Ant 0	2310.0	-53.57	2.0	0	43.69	AV	54	PASS
	2412	Ant 0	2390.0	-28.54	2.0	0	68.71	PEAK	74	PASS
	2412	Ant 0	2390.0	-46.32	2.0	0	50.94	AV	54	PASS
	2462	Ant 0	2483.5	-36.07	2.0	0	61.19	PEAK	74	PASS
	2462	Ant 0	2483.5	-49.77	2.0	0	47.49	AV	54	PASS
	2462	Ant 0	2500.0	-40.86	2.0	0	56.40	PEAK	74	PASS
	2462	Ant 0	2500.0	-52.55	2.0	0	44.71	AV	54	PASS
11N40 SISO	2422	Ant 0	2310.0	-42.84	2.0	0	54.41	PEAK	74	PASS
	2422	Ant 0	2310.0	-53.51	2.0	0	43.74	AV	54	PASS

	2422	Ant 0	2390.0	-35.05	2.0	0	62.21	PEAK	74	PASS
	2422	Ant 0	2390.0	-51.66	2.0	0	45.60	AV	54	PASS
	2452	Ant 0	2483.5	-33.84	2.0	0	63.42	PEAK	74	PASS
	2452	Ant 0	2483.5	-50.91	2.0	0	46.35	AV	54	PASS
	2452	Ant 0	2500.0	-41.52	2.0	0	55.74	PEAK	74	PASS
	2452	Ant 0	2500.0	-52.55	2.0	0	44.71	AV	54	PASS

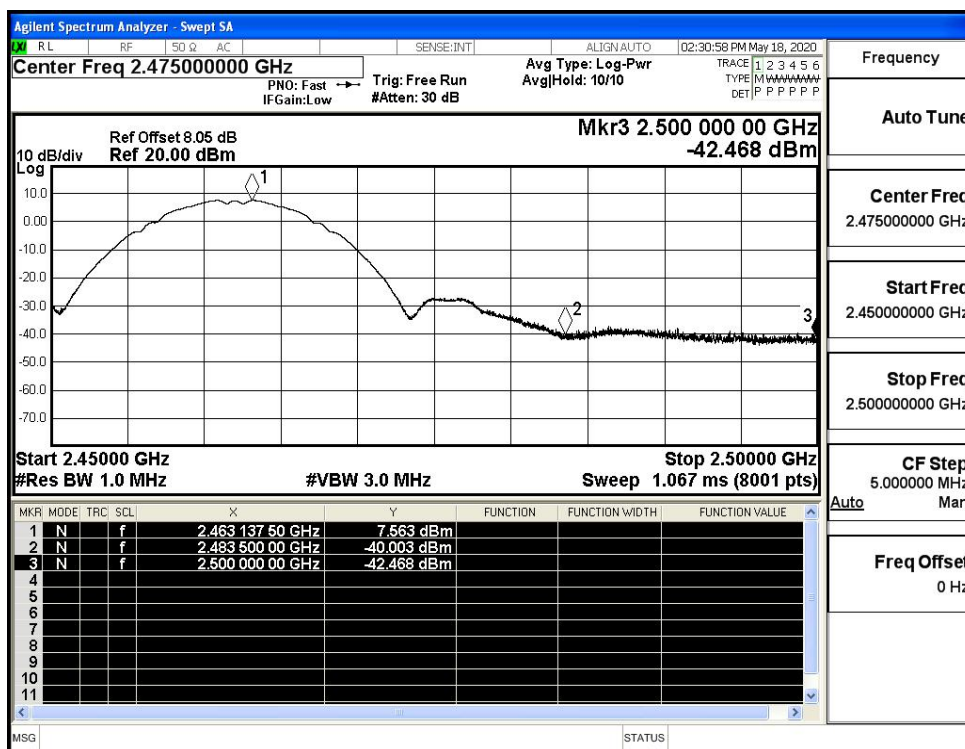
Restrict-band band-edge measurements_11B_2412_Ant1_PEAK



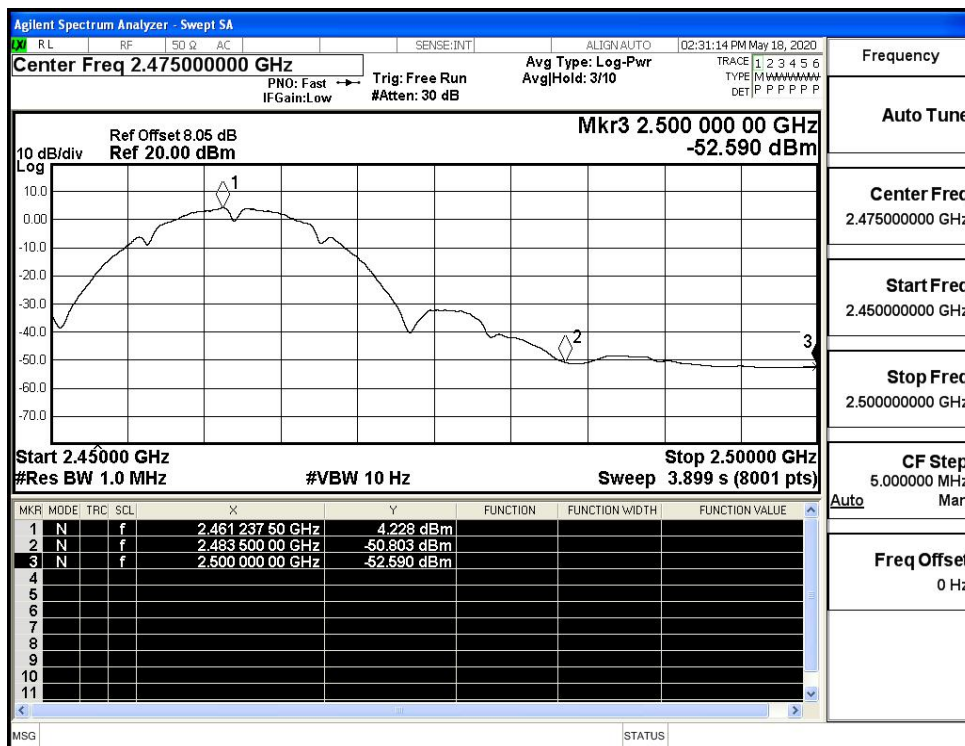
Restrict-band band-edge measurements_11B_2412_Ant1_AV



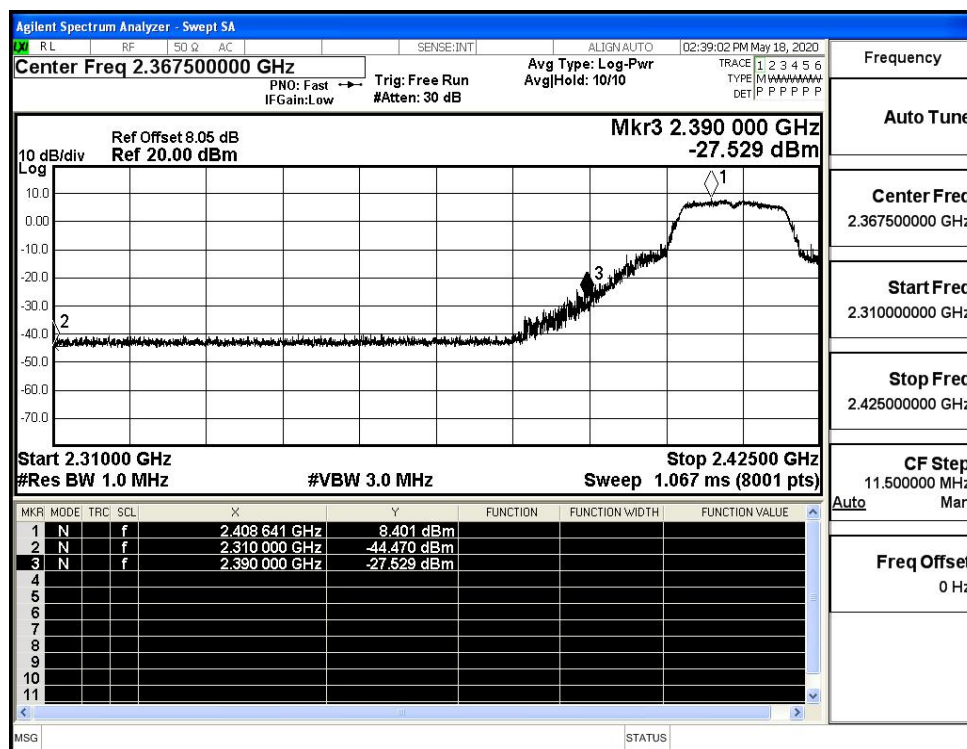
Restrict-band band-edge measurements_11B_2462_Ant1_PEAK



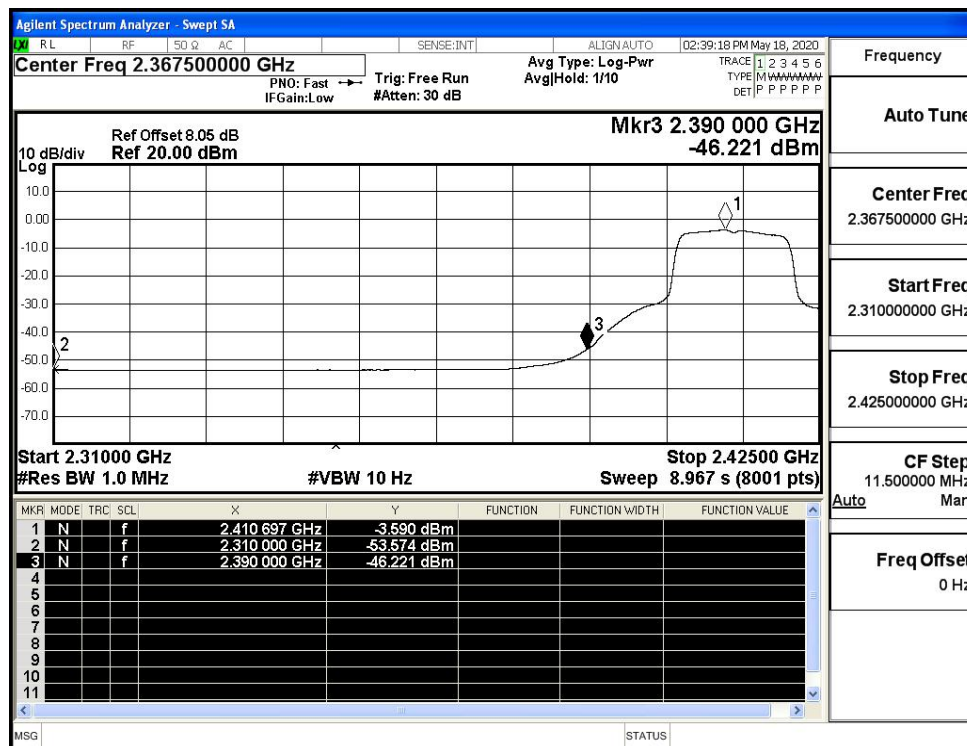
Restrict-band band-edge measurements_11B_2462_Ant1_AV



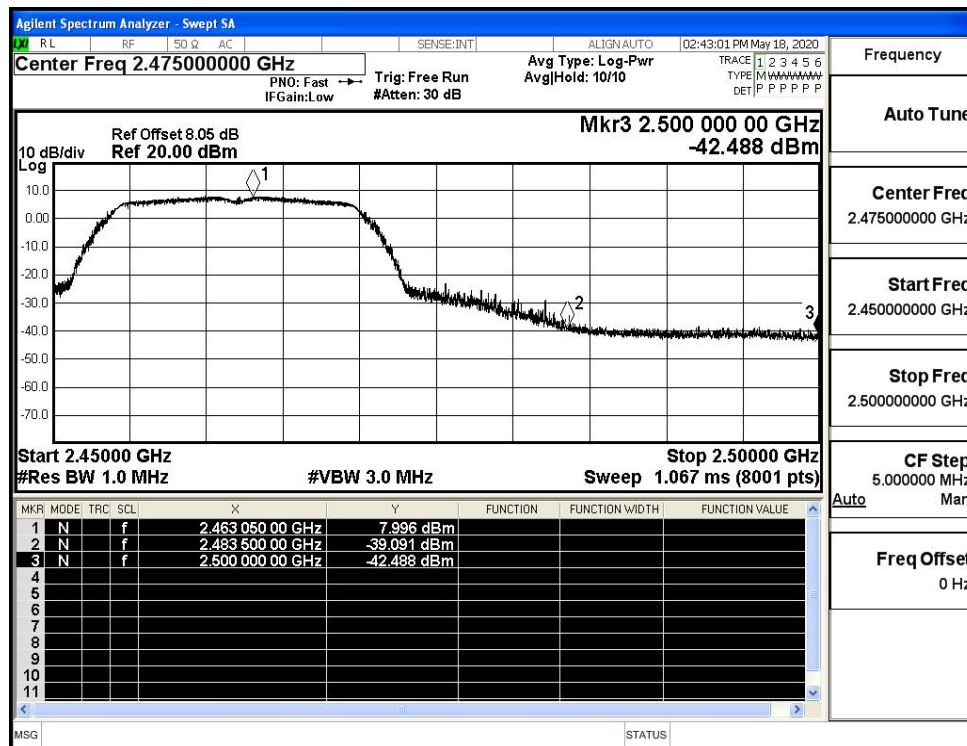
Restrict-band band-edge measurements_11G_2412_Ant1_PEAK



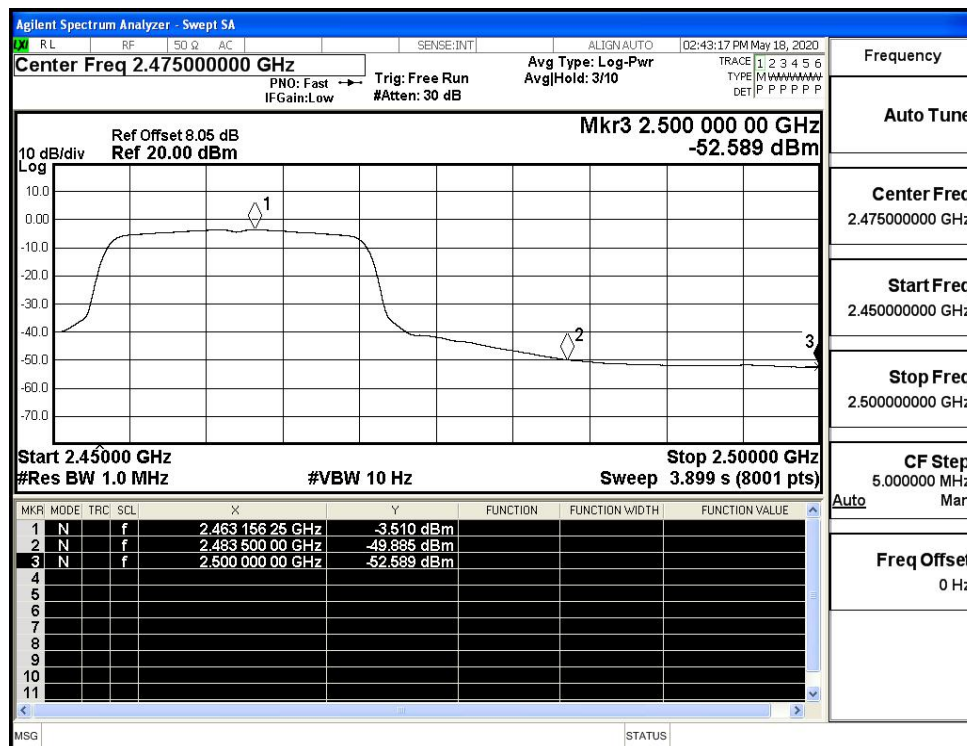
Restrict-band band-edge measurements_11G_2412_Ant1_AV



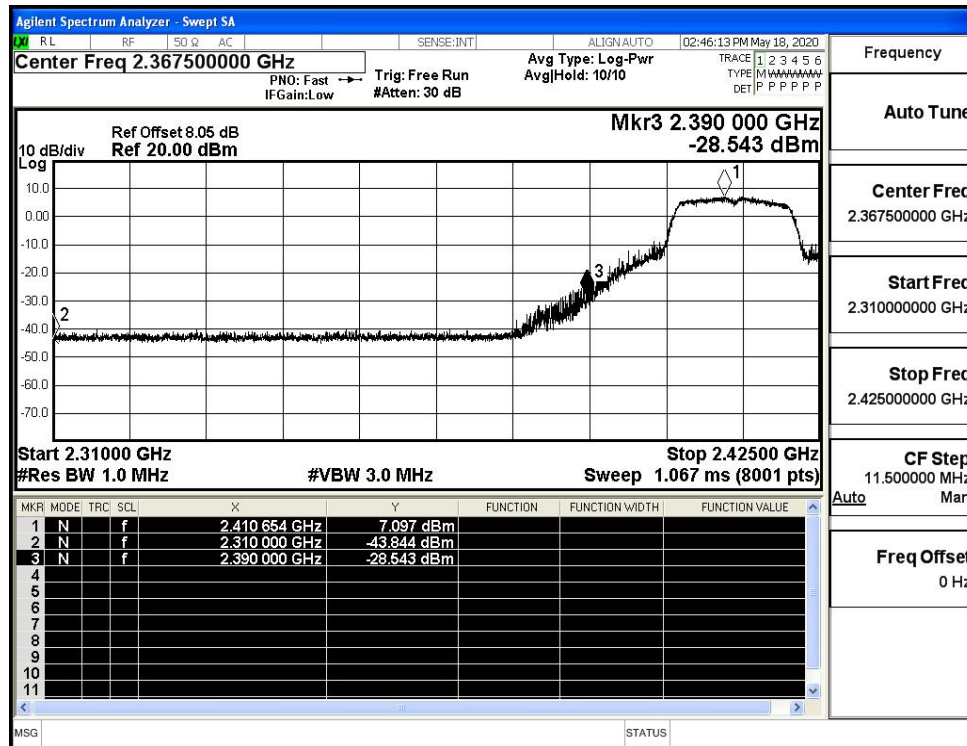
Restrict-band band-edge measurements_11G_2462_Ant1_PEAK



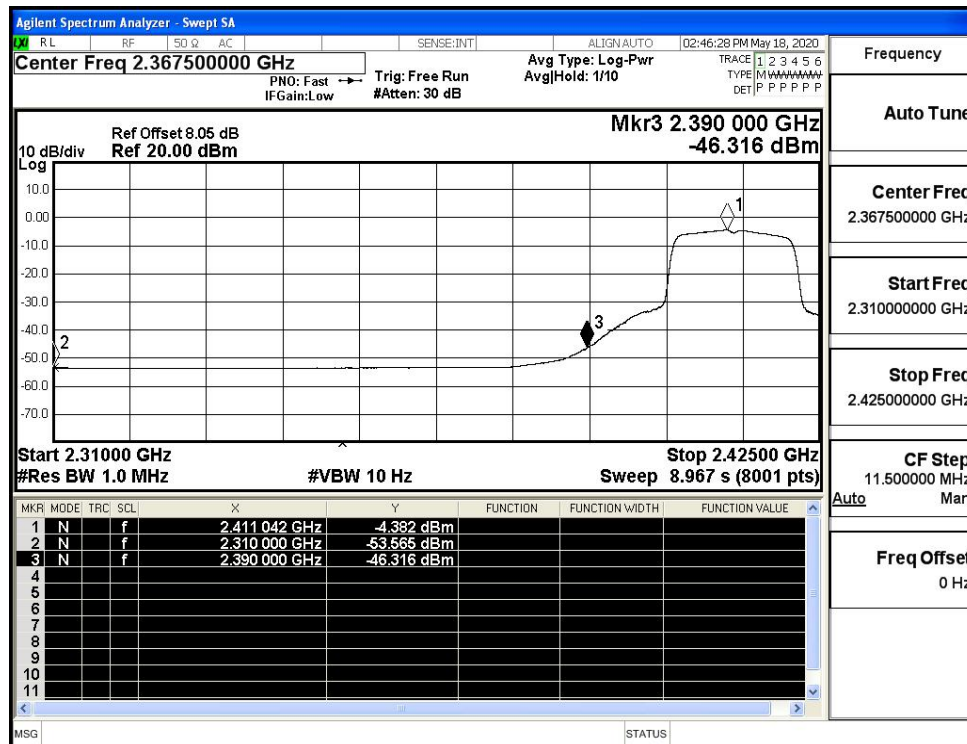
Restrict-band band-edge measurements_11G_2462_Ant1_AV



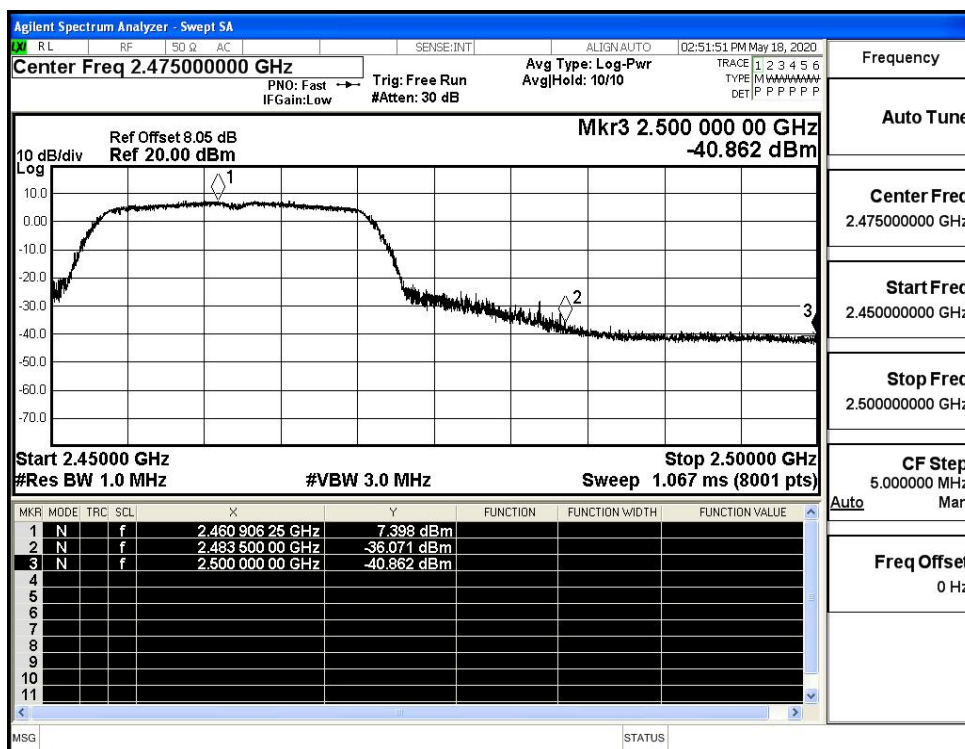
Restrict-band band-edge measurements_11N20SISO_2412_Ant1_PEAK



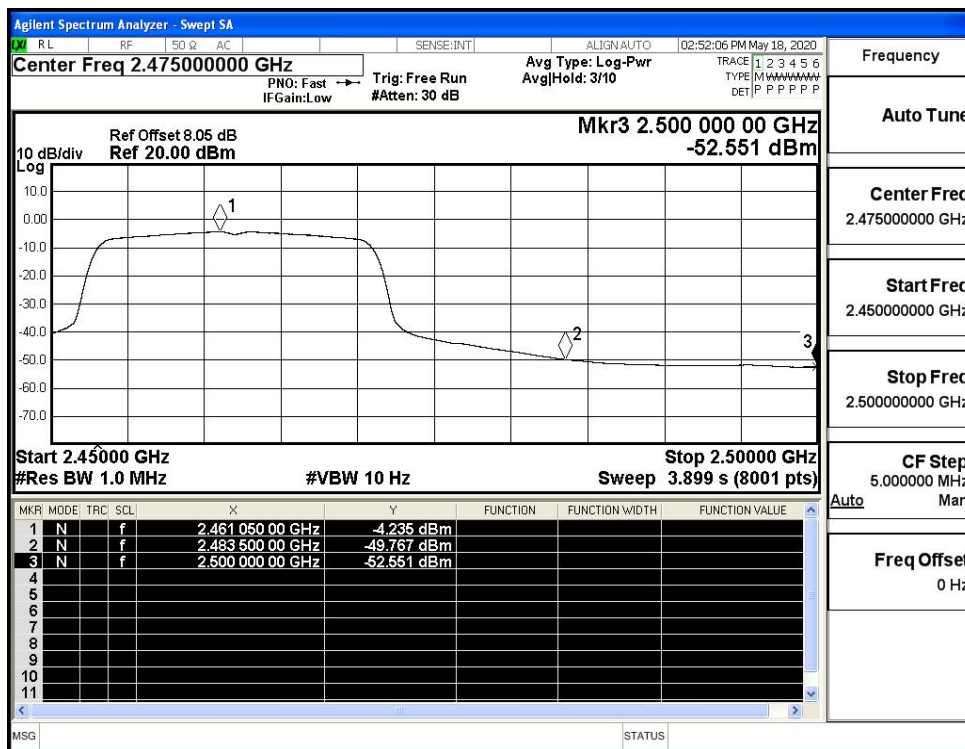
Restrict-band band-edge measurements_11N20SISO_2412_Ant1_AV



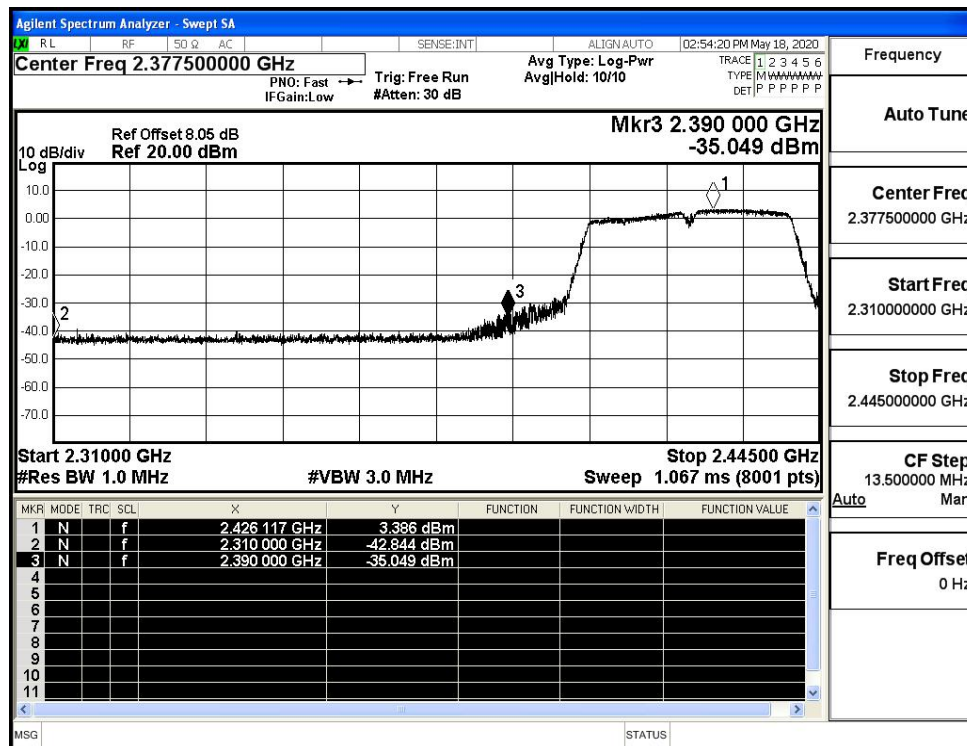
Restrict-band band-edge measurements_11N20SISO_2462_Ant1_PEAK



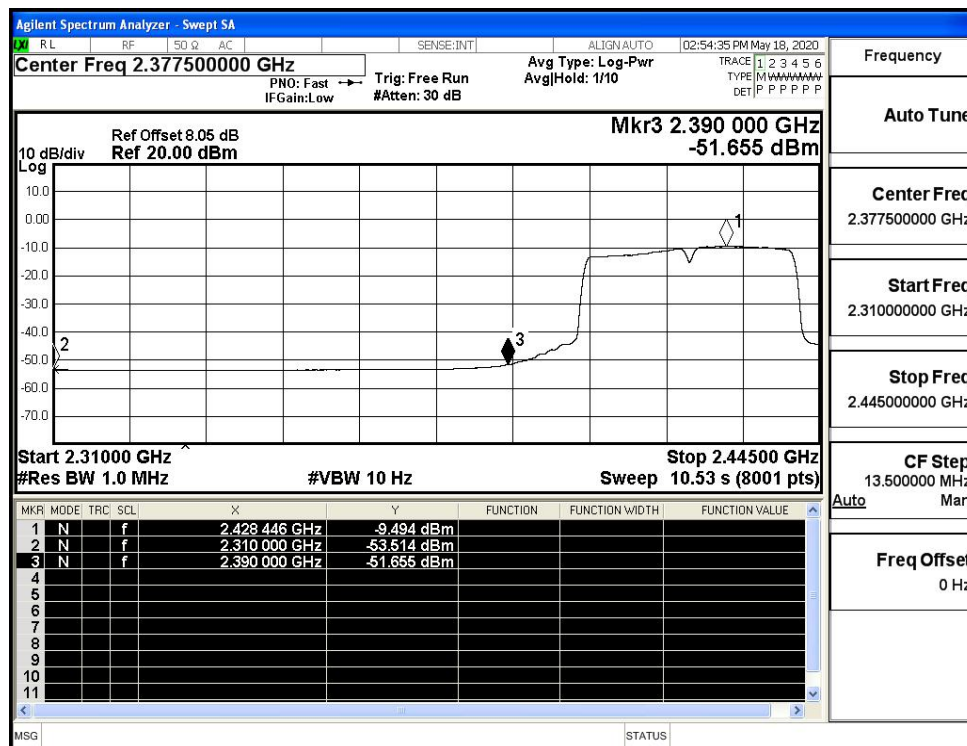
Restrict-band band-edge measurements_11N20SISO_2462_Ant1_AV



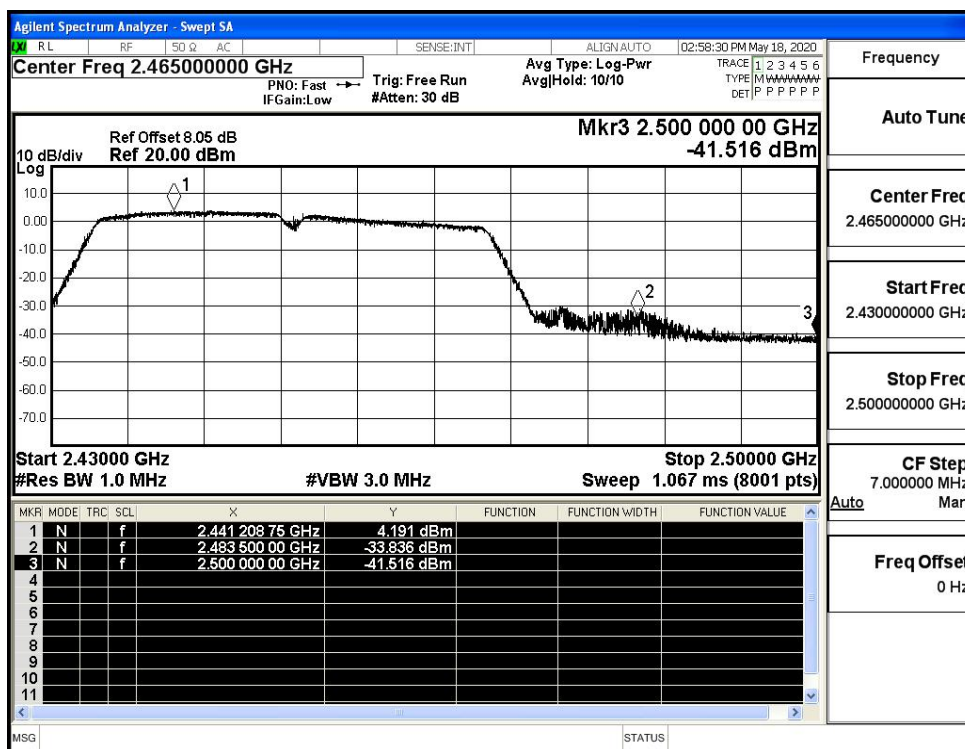
Restrict-band band-edge measurements_11N40SISO_2422_Ant1_PEAK



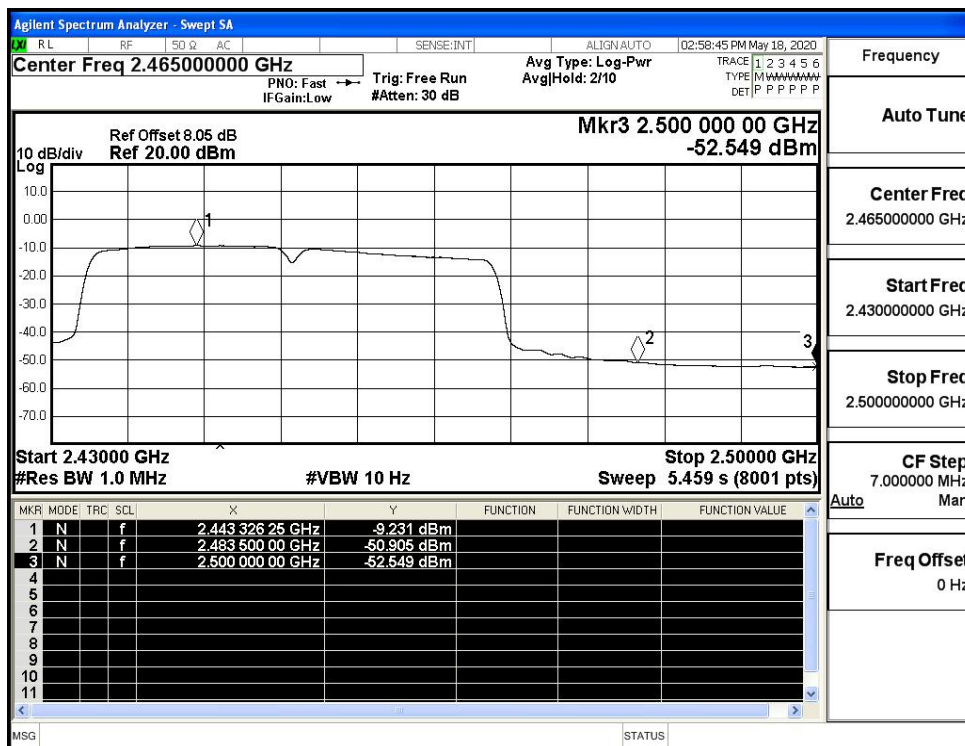
Restrict-band band-edge measurements_11N40SISO_2422_Ant1_AV



Restrict-band band-edge measurements_11N40SISO_2452_Ant1_PEAK



Restrict-band band-edge measurements_11N40SISO_2452_Ant1_AV



ANT 1

Test Mode	Test Channel	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
11B	2412	Ant1	2310.0	-43.32	2.0	0	51.94	PEAK	74	PASS
	2412	Ant1	2310.0	-53.55	2.0	0	41.71	AV	54	PASS
	2412	Ant1	2390.0	-41.56	2.0	0	53.70	PEAK	74	PASS
	2412	Ant1	2390.0	-52.87	2.0	0	42.39	AV	54	PASS
	2462	Ant1	2483.5	-40.74	2.0	0	54.52	PEAK	74	PASS
	2462	Ant1	2483.5	-52.48	2.0	0	42.78	AV	54	PASS
	2462	Ant1	2500.0	-42.05	2.0	0	53.20	PEAK	74	PASS
	2462	Ant1	2500.0	-52.47	2.0	0	42.79	AV	54	PASS
11G	2412	Ant1	2310.0	-43.33	2.0	0	51.92	PEAK	74	PASS
	2412	Ant1	2310.0	-53.56	2.0	0	41.70	AV	54	PASS
	2412	Ant1	2390.0	-43.93	2.0	0	51.33	PEAK	74	PASS
	2412	Ant1	2390.0	-53.03	2.0	0	42.22	AV	54	PASS
	2462	Ant1	2483.5	-41.39	2.0	0	53.87	PEAK	74	PASS
	2462	Ant1	2483.5	-52.53	2.0	0	42.73	AV	54	PASS
	2462	Ant1	2500.0	-41.83	2.0	0	53.43	PEAK	74	PASS
	2462	Ant1	2500.0	-52.49	2.0	0	42.77	AV	54	PASS
11N20 SISO	2412	Ant1	2310.0	-43.38	2.0	0	51.88	PEAK	74	PASS
	2412	Ant1	2310.0	-53.57	2.0	0	41.68	AV	54	PASS
	2412	Ant1	2390.0	-43.53	2.0	0	51.73	PEAK	74	PASS
	2412	Ant1	2390.0	-53.01	2.0	0	42.25	AV	54	PASS
	2462	Ant1	2483.5	-42.03	2.0	0	53.23	PEAK	74	PASS
	2462	Ant1	2483.5	-52.57	2.0	0	42.69	AV	54	PASS
	2462	Ant1	2500.0	-41.92	2.0	0	53.33	PEAK	74	PASS
	2462	Ant1	2500.0	-52.54	2.0	0	42.71	AV	54	PASS
11N40 SISO	2422	Ant1	2310.0	-43.17	2.0	0	52.09	PEAK	74	PASS
	2422	Ant1	2310.0	-53.61	2.0	0	41.65	AV	54	PASS
	2422	Ant1	2390.0	-42.29	2.0	0	52.97	PEAK	74	PASS

	2422	Ant1	2390.0	-52.99	2.0	0	42.26	AV	54	PASS
	2452	Ant1	2483.5	-41.18	2.0	0	54.08	PEAK	74	PASS
	2452	Ant1	2483.5	-52.59	2.0	0	42.67	AV	54	PASS
	2452	Ant1	2500.0	-42.21	2.0	0	53.04	PEAK	74	PASS
	2452	Ant1	2500.0	-52.52	2.0	0	42.73	AV	54	PASS