

C.6 Band-edge for RF Conducted Emissions

Ant_1

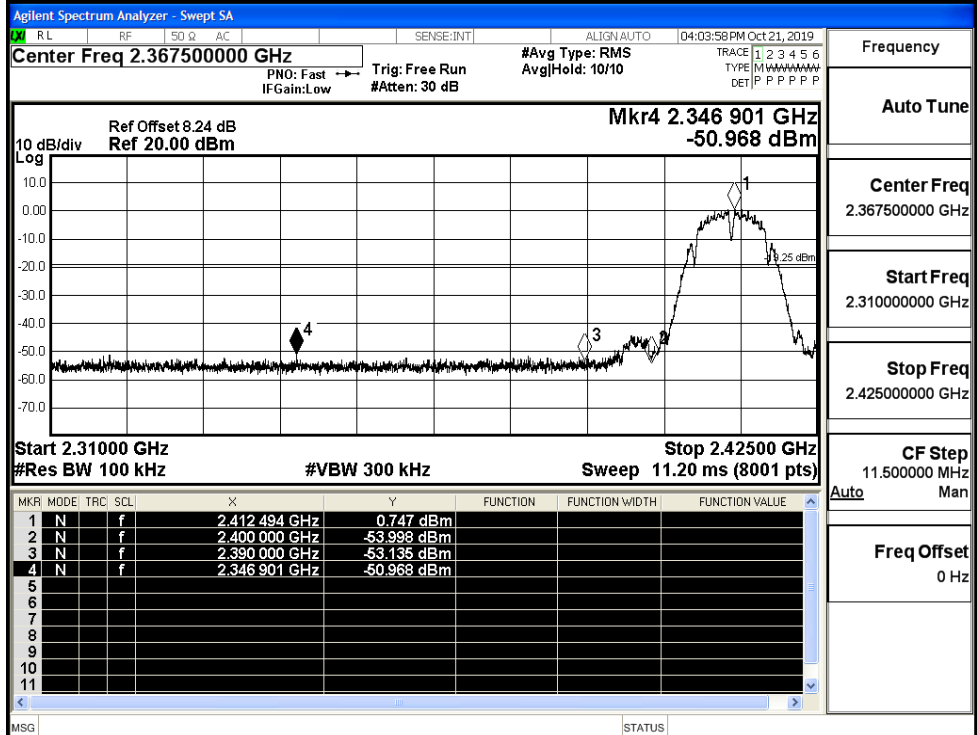
Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
11B	LCH	0.747	-50.968	-19.25	PASS
	HCH	0.439	-51.107	-19.56	PASS
11G	LCH	-4.629	-50.209	-24.63	PASS
	HCH	-4.955	-49.013	-24.96	PASS
11N20SISO	LCH	-4.249	-50.435	-24.25	PASS
	HCH	-5.231	-50.601	-25.23	PASS
11N40SISO	LCH	-7.612	-47.029	-27.61	PASS
	HCH	-7.771	-43.918	-27.77	PASS

Ant_2

Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
11B	LCH	0.942	-51.275	-19.06	PASS
	HCH	1.046	-51.821	-18.95	PASS
11G	LCH	-7.734	-50.687	-27.73	PASS
	HCH	-8.588	-50.060	-28.59	PASS
11N20SISO	LCH	-7.927	-50.787	-27.93	PASS
	HCH	-7.841	-50.481	-27.84	PASS
11N40SISO	LCH	-11.414	-49.232	-31.41	PASS
	HCH	-11.074	-48.198	-31.07	PASS

Test Graphs_ANT_1

11B/LCH

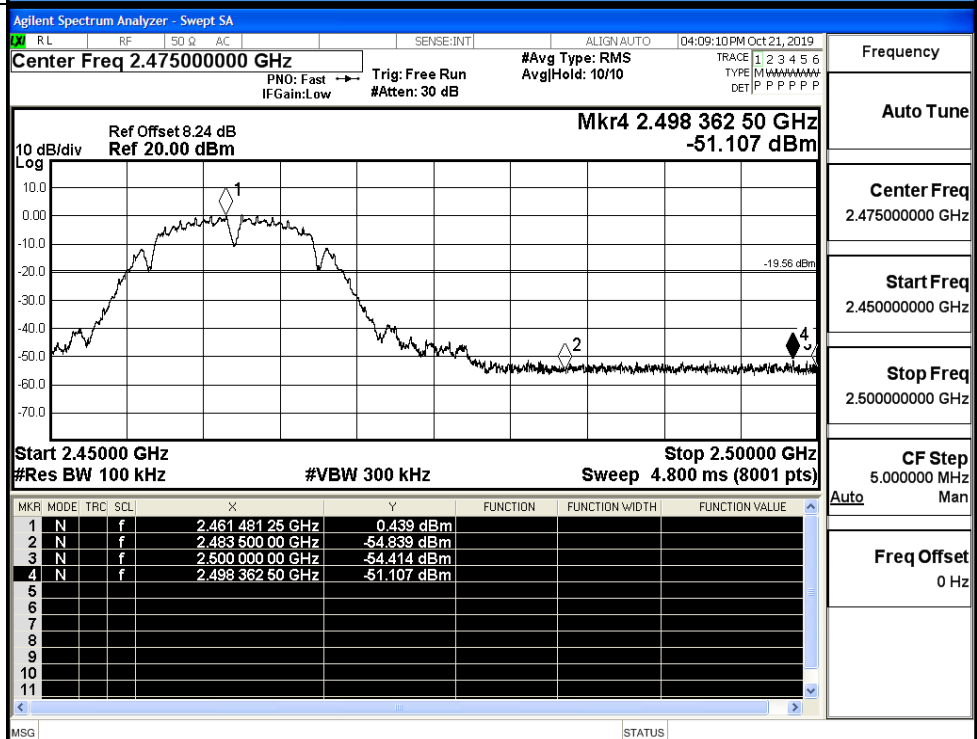


Frequency

Auto Tune

Center Freq
2.367500000 GHzStart Freq
2.310000000 GHzStop Freq
2.425000000 GHzCF Step
11.500000 MHz
AutoFreq Offset
0 Hz

11B/HCH

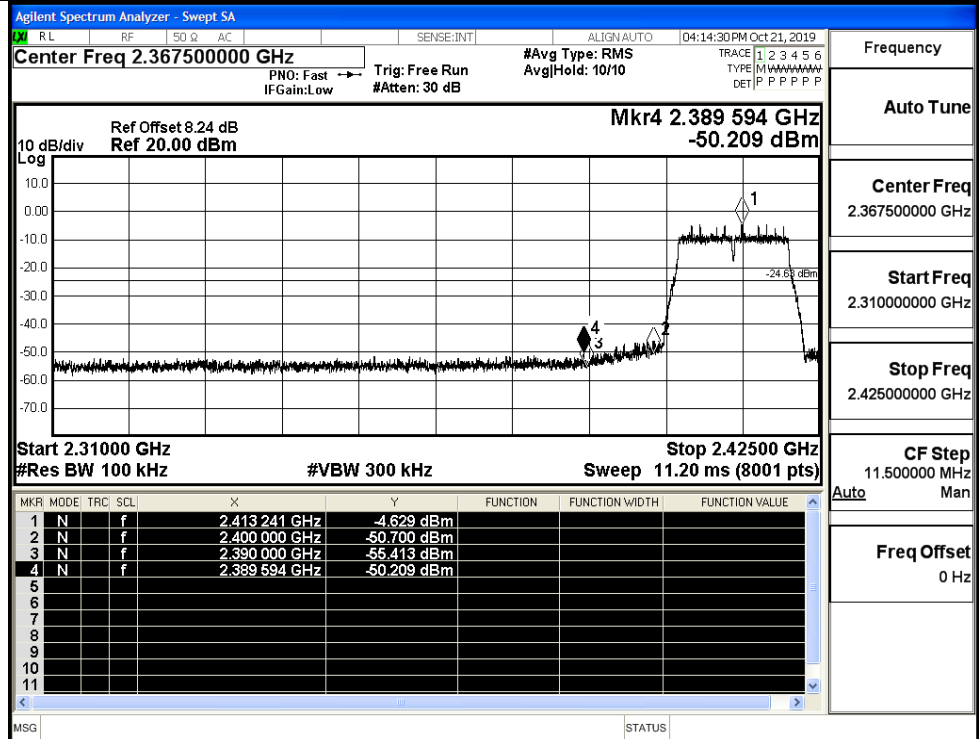


Frequency

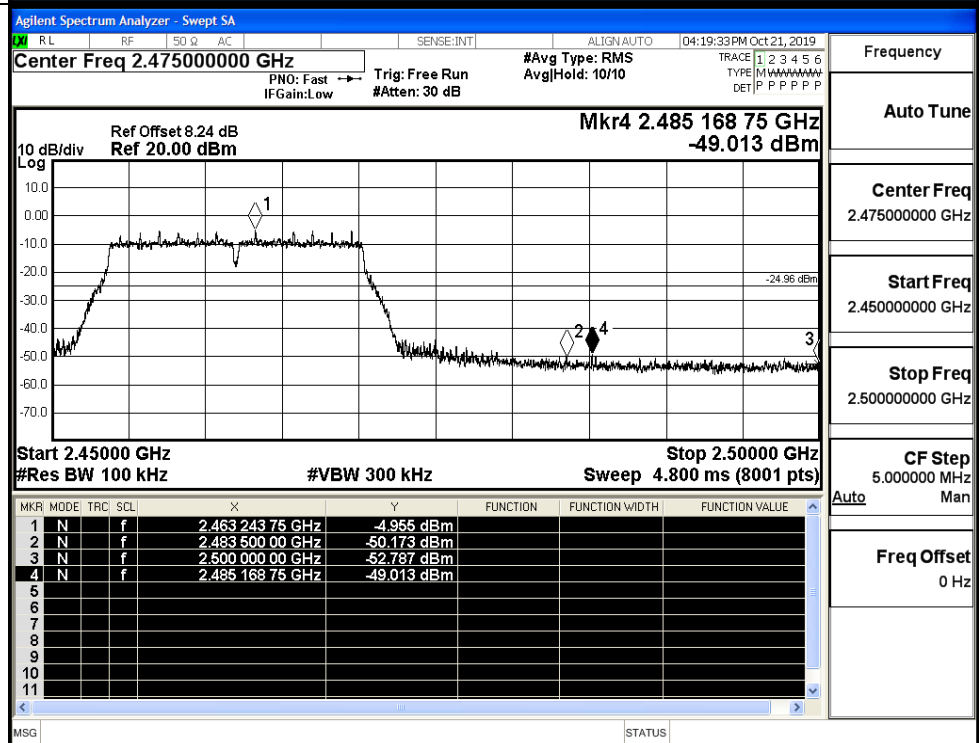
Auto Tune

Center Freq
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2.450000000 GHzStop Freq
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5.000000 MHz
AutoFreq Offset
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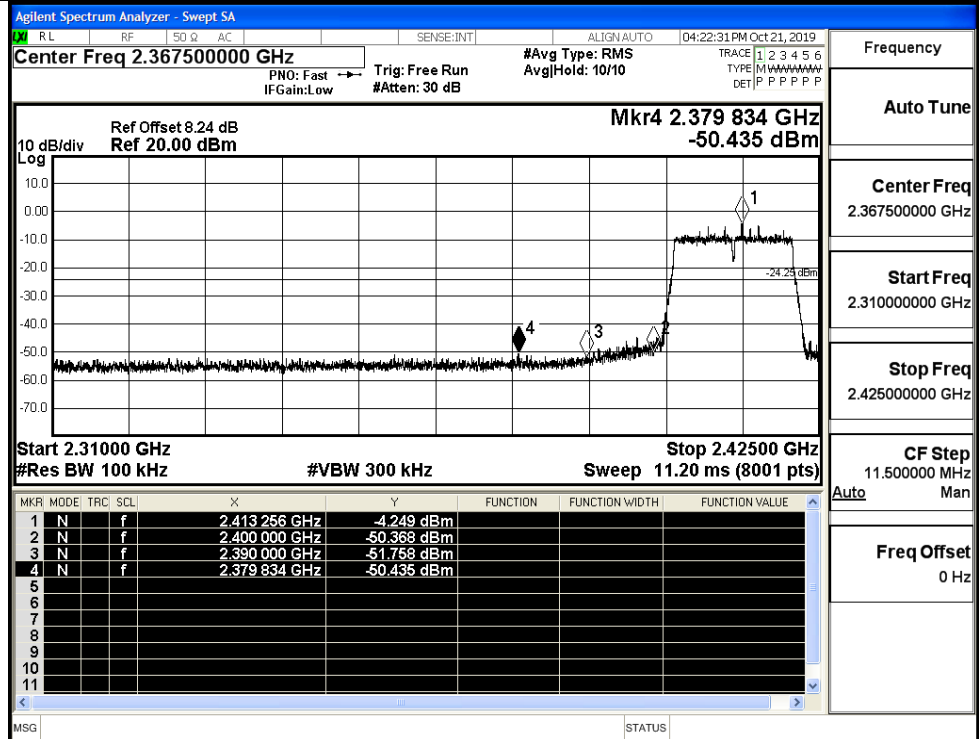
11G/LCH



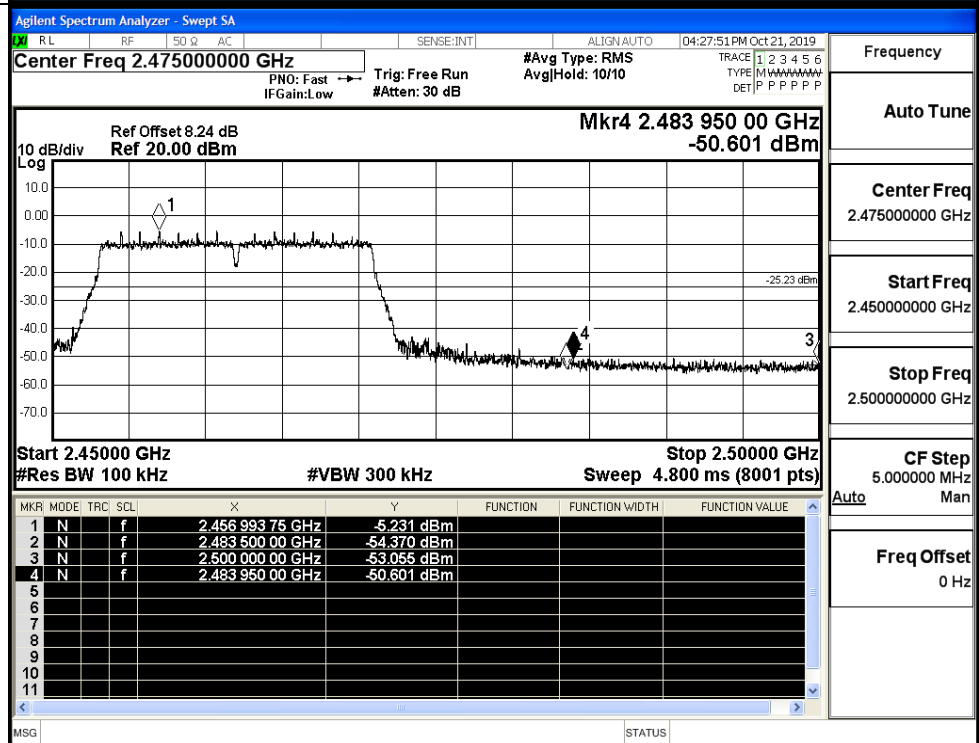
11G/HCH



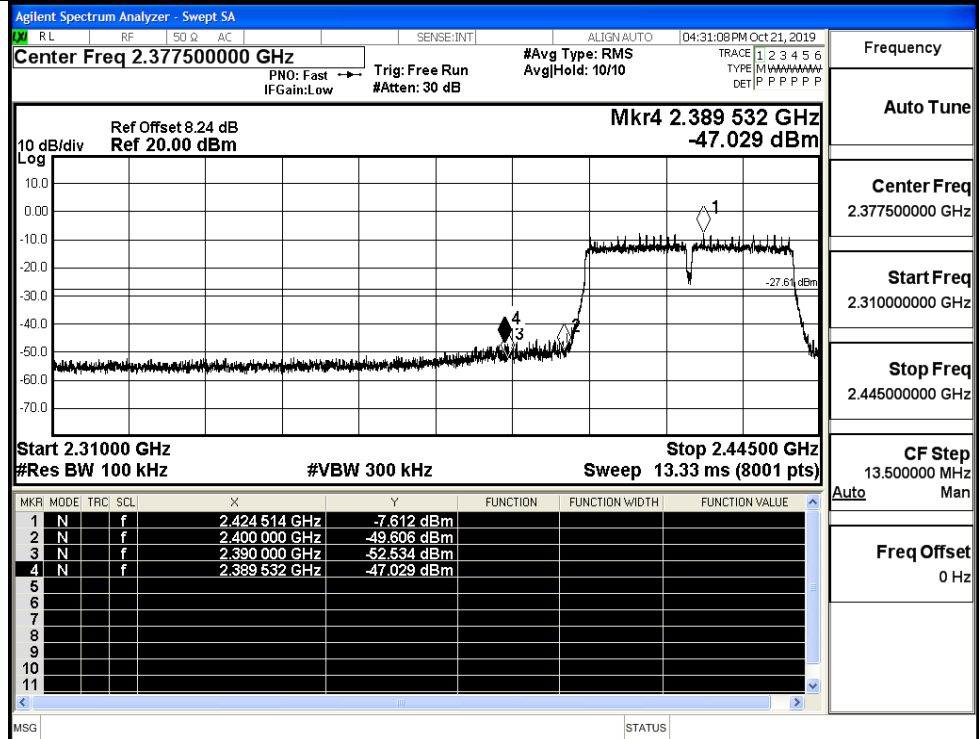
11N20SISO/LCH



11N20SISO/HCH



11N40SISO/LCH

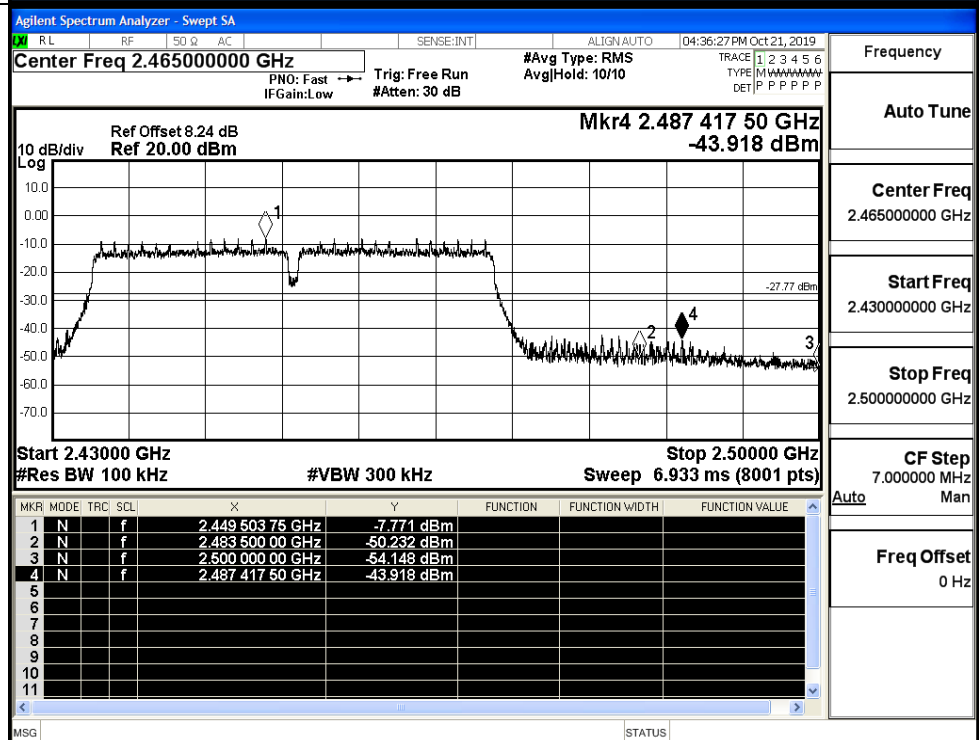


Frequency

Auto Tune

Center Freq
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2.310000000 GHzStop Freq
2.445000000 GHzCF Step
13.500000 MHz
Auto ManFreq Offset
0 Hz

11N40SISO/HCH



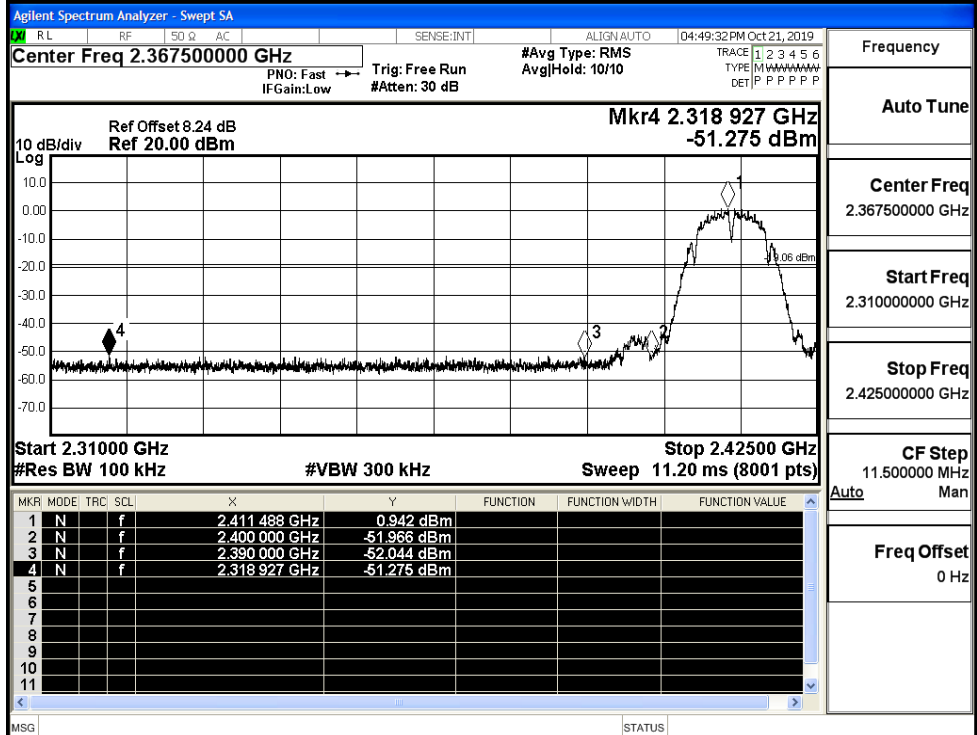
Frequency

Auto Tune

Center Freq
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2.430000000 GHzStop Freq
2.500000000 GHzCF Step
7.000000 MHz
Auto ManFreq Offset
0 Hz

Test Graphs_ANT_2

11B/LCH

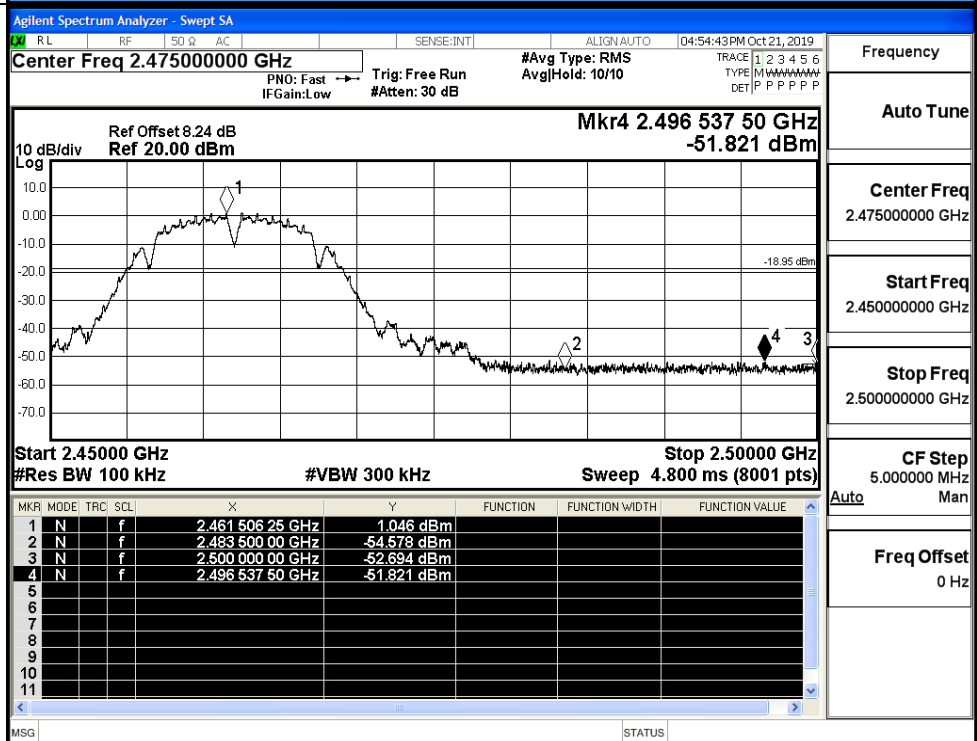


Frequency

Auto Tune

Center Freq
2.367500000 GHzStart Freq
2.310000000 GHzStop Freq
2.425000000 GHzCF Step
11.500000 MHz
AutoFreq Offset
0 Hz

11B/HCH

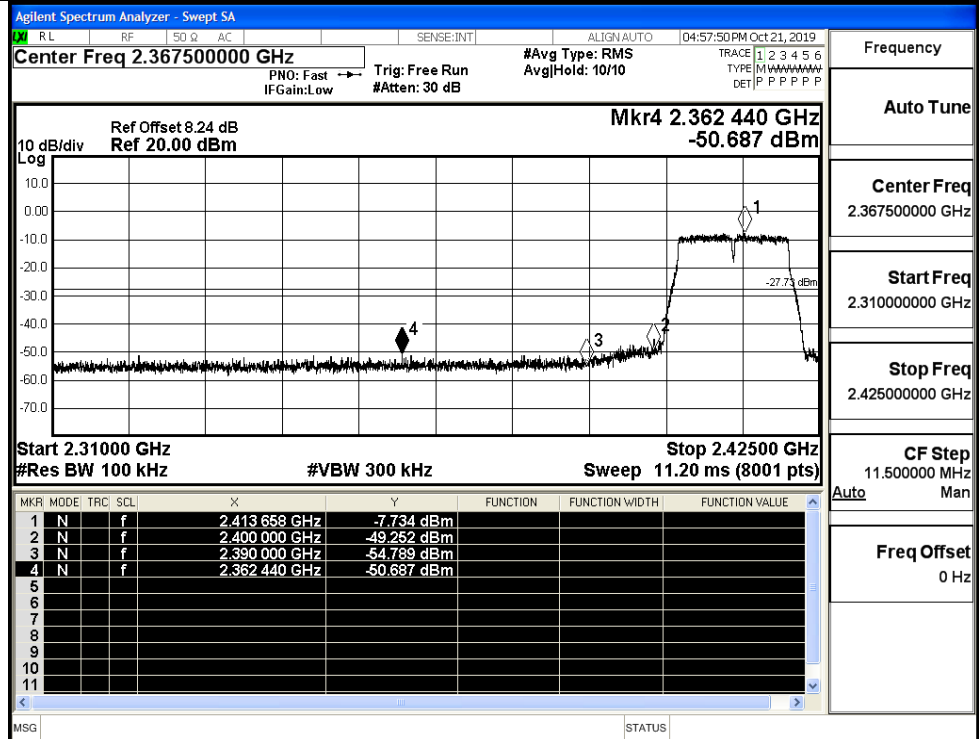


Frequency

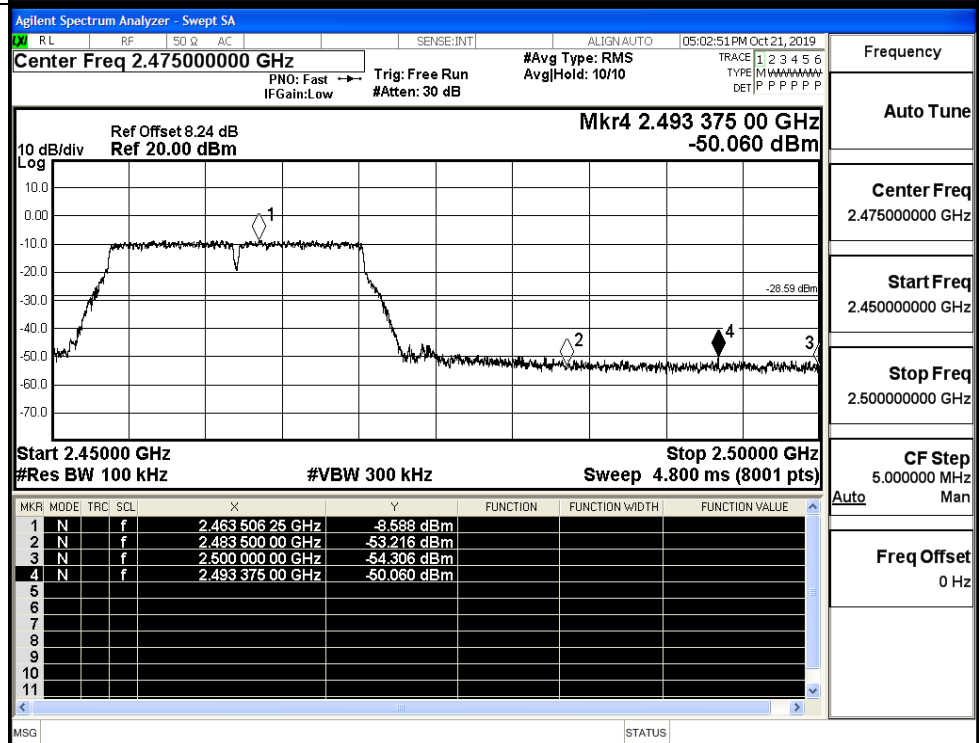
Auto Tune

Center Freq
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2.450000000 GHzStop Freq
2.500000000 GHzCF Step
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AutoFreq Offset
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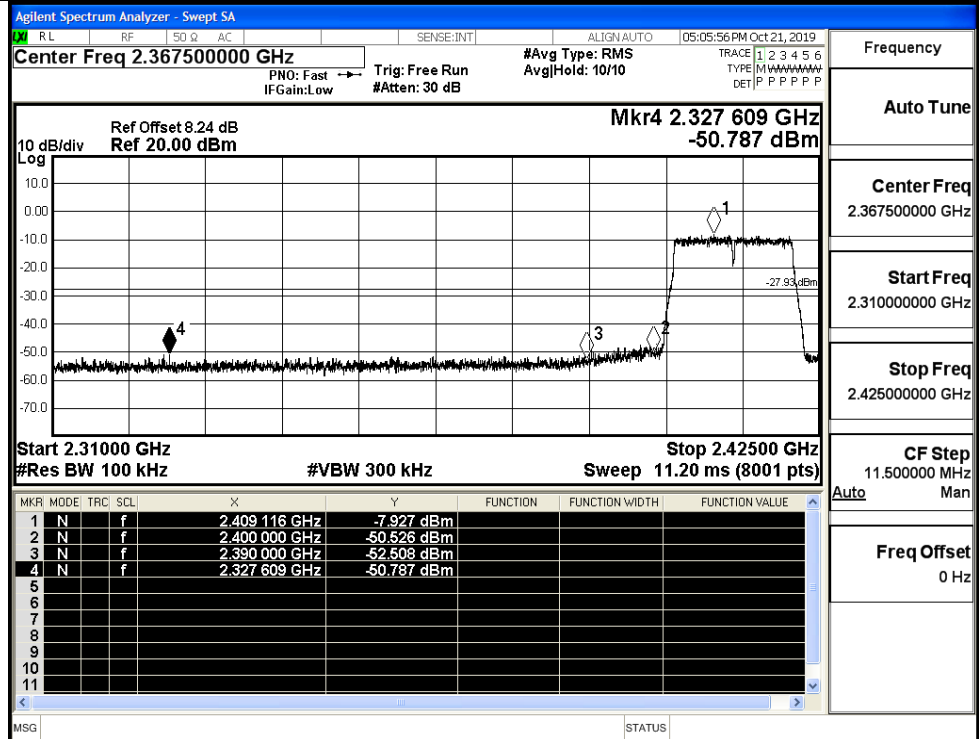
11G/LCH



11G/HCH



11N20SISO/LCH



Frequency

Auto Tune

Center Freq

2.367500000 GHz

Start Freq

2.310000000 GHz

Stop Freq

2.425000000 GHz

CF Step

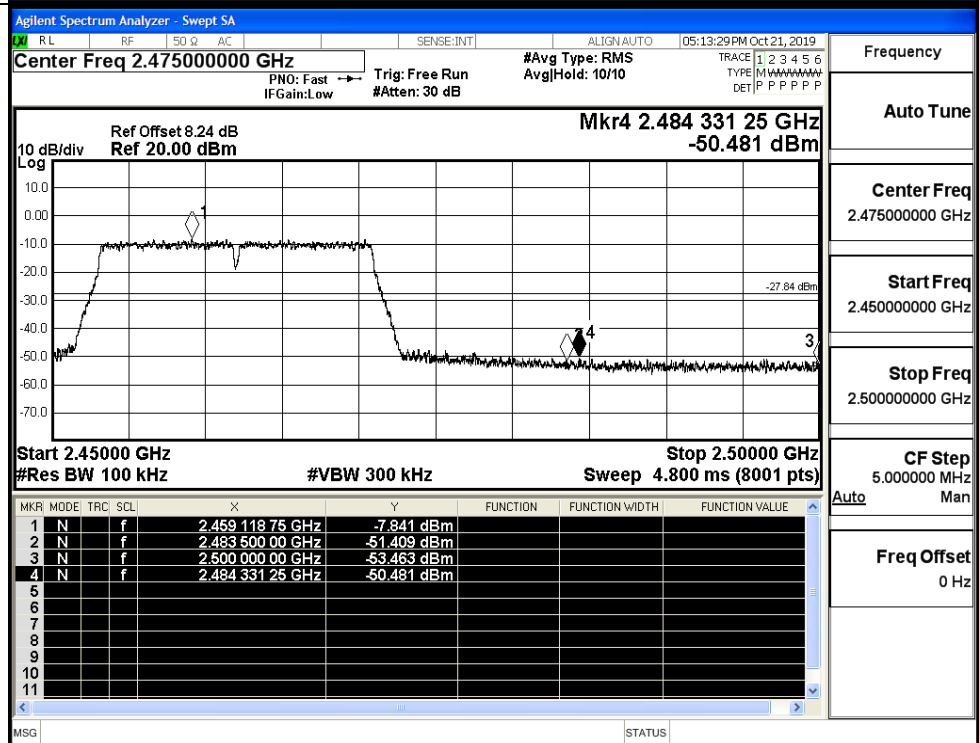
11.500000 MHz

Auto Man

Freq Offset

0 Hz

11N20SISO/HCH



Frequency

Auto Tune

Center Freq

2.475000000 GHz

Start Freq

2.450000000 GHz

Stop Freq

2.500000000 GHz

CF Step

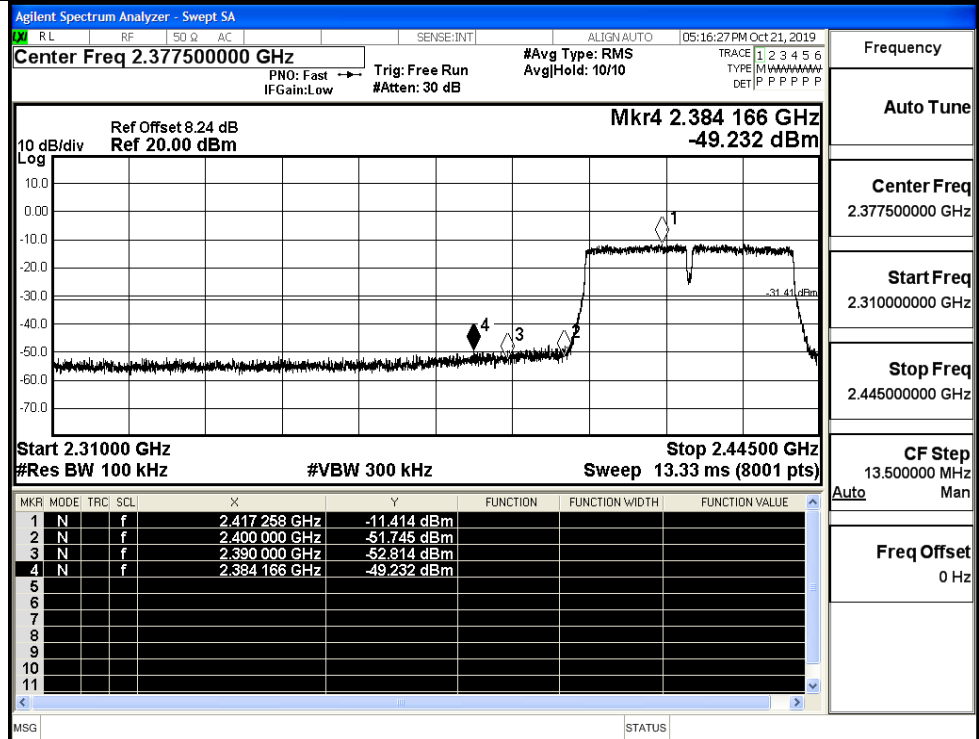
5.000000 MHz

Auto Man

Freq Offset

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11N40SISO/LCH

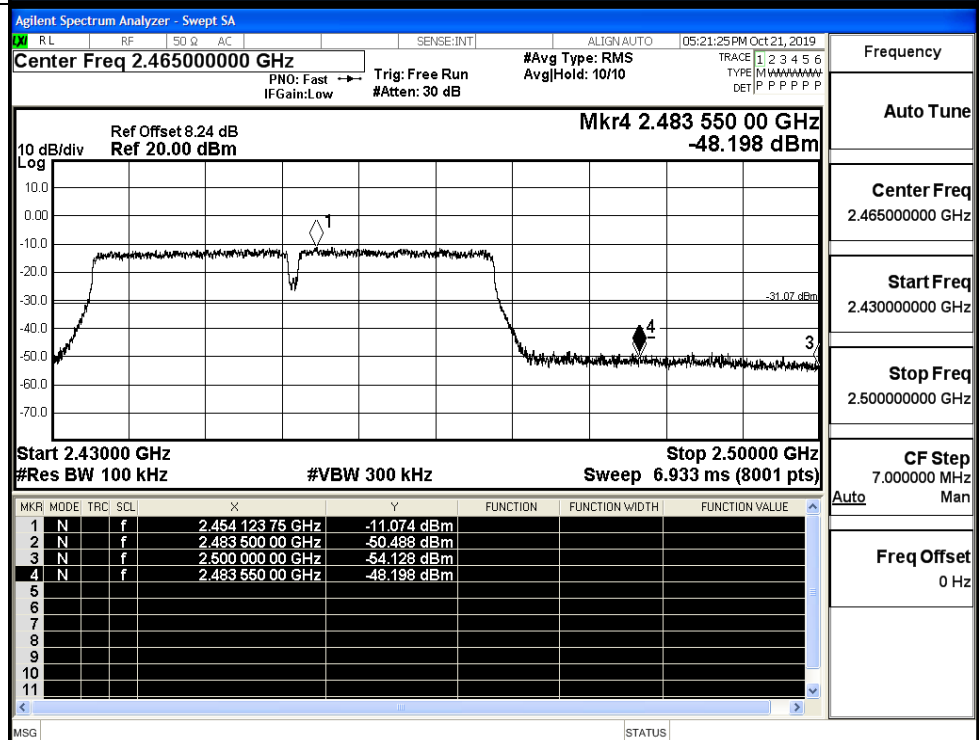


Frequency

Auto Tune

Center Freq
2.377500000 GHzStart Freq
2.310000000 GHzStop Freq
2.445000000 GHzCF Step
13.500000 MHz
Auto ManFreq Offset
0 Hz

11N40SISO/HCH



Frequency

Auto Tune

Center Freq
2.465000000 GHzStart Freq
2.430000000 GHzStop Freq
2.500000000 GHzCF Step
7.000000 MHz
Auto ManFreq Offset
0 Hz

A7 Restrict-band band-edge measurements

Test Mode	Test Channel	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
11B	2412	Ant1	2310.0	-44.40	3.0	0	53.83	PEAK	74	PASS
	2412	Ant1	2310.0	-55.04	3.0	0	43.19	AV	54	PASS
	2412	Ant1	2390.0	-44.21	3.0	0	54.02	PEAK	74	PASS
	2412	Ant1	2390.0	-54.21	3.0	0	44.02	AV	54	PASS
	2462	Ant1	2483.5	-44.27	3.0	0	53.96	PEAK	74	PASS
	2462	Ant1	2483.5	-54.18	3.0	0	44.05	AV	54	PASS
	2462	Ant1	2500.0	-43.83	3.0	0	54.40	PEAK	74	PASS
	2462	Ant1	2500.0	-54.30	3.0	0	43.93	AV	54	PASS
11G	2412	Ant1	2310.0	-45.50	3.0	0	52.73	PEAK	74	PASS
	2412	Ant1	2310.0	-54.91	3.0	0	43.32	AV	54	PASS
	2412	Ant1	2390.0	-43.74	3.0	0	54.49	PEAK	74	PASS
	2412	Ant1	2390.0	-53.19	3.0	0	45.04	AV	54	PASS
	2462	Ant1	2483.5	-43.28	3.0	0	54.95	PEAK	74	PASS
	2462	Ant1	2483.5	-52.99	3.0	0	45.24	AV	54	PASS
	2462	Ant1	2500.0	-43.07	3.0	0	55.16	PEAK	74	PASS
	2462	Ant1	2500.0	-53.84	3.0	0	44.39	AV	54	PASS
11N20 SISO	2412	Ant1	2310.0	-44.99	3.0	0	53.24	PEAK	74	PASS
	2412	Ant1	2310.0	-54.91	3.0	0	43.32	AV	54	PASS
	2412	Ant1	2390.0	-39.57	3.0	0	58.66	PEAK	74	PASS
	2412	Ant1	2390.0	-53.08	3.0	0	45.15	AV	54	PASS
	2462	Ant1	2483.5	-41.10	3.0	0	57.13	PEAK	74	PASS
	2462	Ant1	2483.5	-52.71	3.0	0	45.52	AV	54	PASS
	2462	Ant1	2500.0	-44.29	3.0	0	53.94	PEAK	74	PASS
	2462	Ant1	2500.0	-53.79	3.0	0	44.44	AV	54	PASS
11N40 SISO	2422	Ant1	2310.0	-44.89	3.0	0	53.34	PEAK	74	PASS
	2422	Ant1	2310.0	-54.99	3.0	0	43.24	AV	54	PASS
	2422	Ant1	2390.0	-40.49	3.0	0	57.74	PEAK	74	PASS

	2422	Ant1	2390.0	-51.27	3.0	0	46.96	AV	54	PASS
	2452	Ant1	2483.5	-33.36	3.0	0	64.87	PEAK	74	PASS
	2452	Ant1	2483.5	-51.22	3.0	0	47.01	AV	54	PASS
	2452	Ant1	2500.0	-43.59	3.0	0	54.64	PEAK	74	PASS
	2452	Ant1	2500.0	-53.30	3.0	0	44.93	AV	54	PASS

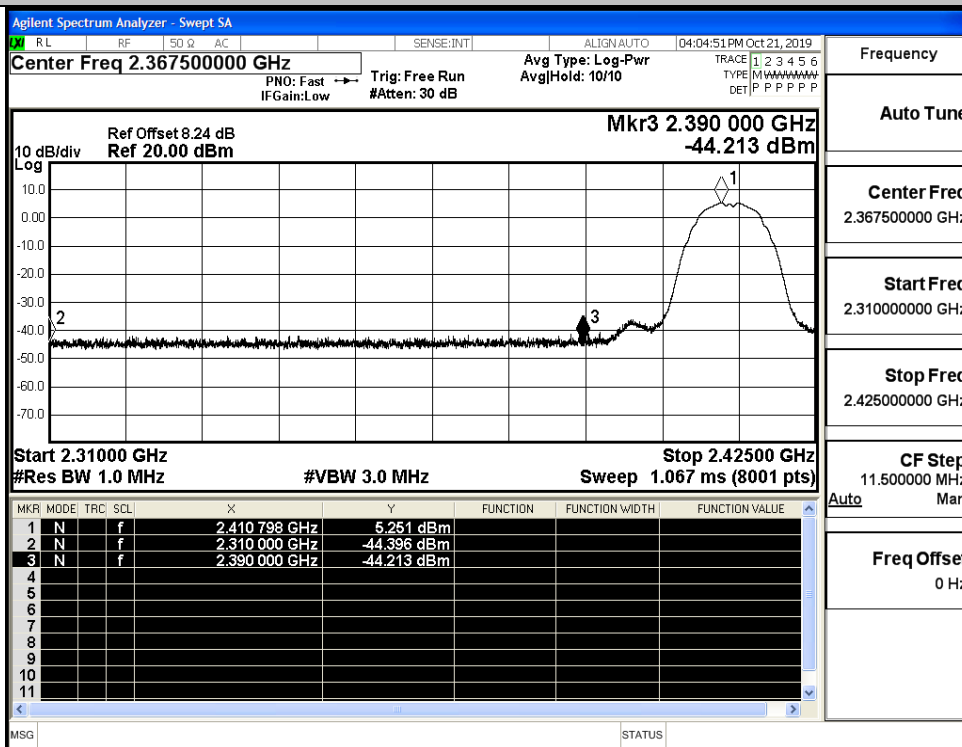
Test Mode	Test Channel	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
11B	2412	Ant2	2310.0	-45.16	3.0	0	53.07	PEAK	74	PASS
	2412	Ant2	2310.0	-55.06	3.0	0	43.17	AV	54	PASS
	2412	Ant2	2390.0	-43.70	3.0	0	54.53	PEAK	74	PASS
	2412	Ant2	2390.0	-54.17	3.0	0	44.06	AV	54	PASS
	2462	Ant2	2483.5	-43.63	3.0	0	54.60	PEAK	74	PASS
	2462	Ant2	2483.5	-54.18	3.0	0	44.05	AV	54	PASS
	2462	Ant2	2500.0	-44.80	3.0	0	53.43	PEAK	74	PASS
	2462	Ant2	2500.0	-54.12	3.0	0	44.11	AV	54	PASS
11G	2412	Ant2	2310.0	-43.33	3.0	0	54.90	PEAK	74	PASS
	2412	Ant2	2310.0	-54.96	3.0	0	43.27	AV	54	PASS
	2412	Ant2	2390.0	-42.58	3.0	0	55.65	PEAK	74	PASS
	2412	Ant2	2390.0	-53.46	3.0	0	44.77	AV	54	PASS
	2462	Ant2	2483.5	-42.91	3.0	0	55.32	PEAK	74	PASS
	2462	Ant2	2483.5	-53.13	3.0	0	45.10	AV	54	PASS
	2462	Ant2	2500.0	-42.05	3.0	0	56.18	PEAK	74	PASS
	2462	Ant2	2500.0	-53.82	3.0	0	44.41	AV	54	PASS
11N20 SISO	2412	Ant2	2310.0	-45.00	3.0	0	53.23	PEAK	74	PASS
	2412	Ant2	2310.0	-54.97	3.0	0	43.26	AV	54	PASS
	2412	Ant2	2390.0	-42.60	3.0	0	55.63	PEAK	74	PASS
	2412	Ant2	2390.0	-53.03	3.0	0	45.20	AV	54	PASS
	2462	Ant2	2483.5	-40.42	3.0	0	57.81	PEAK	74	PASS
	2462	Ant2	2483.5	-52.84	3.0	0	45.39	AV	54	PASS
	2462	Ant2	2500.0	-43.76	3.0	0	54.47	PEAK	74	PASS

	2462	Ant2	2500.0	-53.79	3.0	0	44.44	AV	54	PASS
11N40 SISO	2422	Ant2	2310.0	-44.49	3.0	0	53.74	PEAK	74	PASS
	2422	Ant2	2310.0	-54.97	3.0	0	43.26	AV	54	PASS
	2422	Ant2	2390.0	-42.11	3.0	0	56.12	PEAK	74	PASS
	2422	Ant2	2390.0	-51.71	3.0	0	46.52	AV	54	PASS
	2452	Ant2	2483.5	-40.99	3.0	0	57.24	PEAK	74	PASS
	2452	Ant2	2483.5	-51.40	3.0	0	46.83	AV	54	PASS
	2452	Ant2	2500.0	-42.95	3.0	0	55.28	PEAK	74	PASS
	2452	Ant2	2500.0	-53.40	3.0	0	44.83	AV	54	PASS

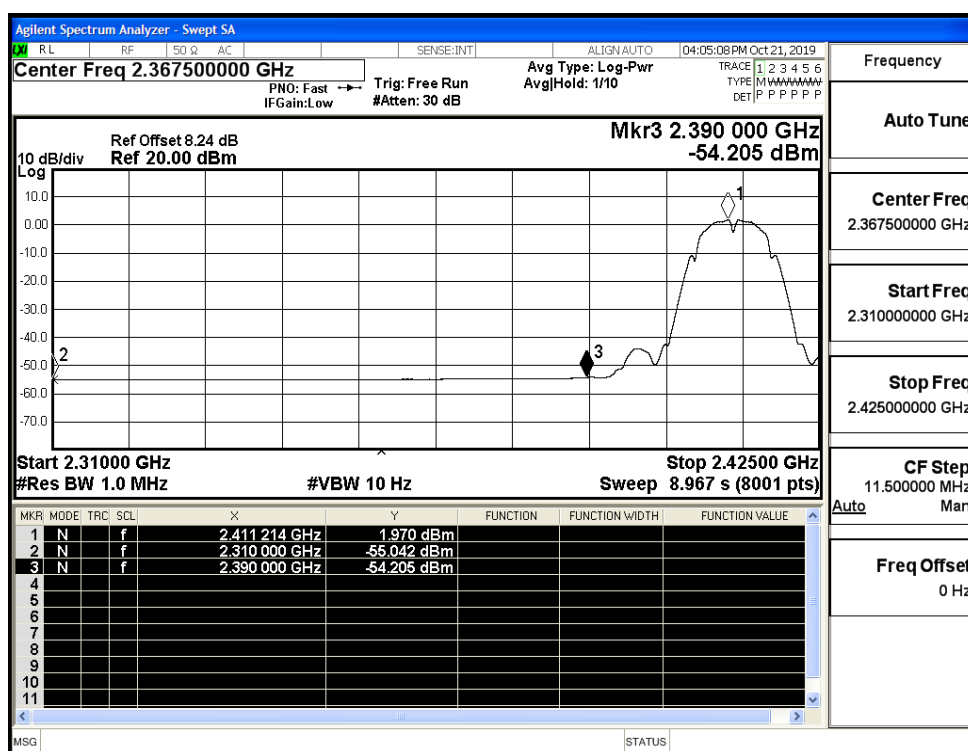
Combined Ant_1 and Ant_2

Test Mode	Test Channel	Freq.	Power [dBm]			Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
			Ant1	Ant2	Sum						
11N20	2412	2310.0	-44.99	-45.00	-41.98	6.01	0	59.26	PEAK	74	PASS
	2412	2310.0	-54.91	-54.97	-51.93	6.01	0	49.31	AV	54	PASS
	2412	2390.0	-39.57	-42.60	-37.82	6.01	0	63.42	PEAK	74	PASS
	2412	2390.0	-53.08	-53.03	-50.04	6.01	0	51.20	AV	54	PASS
	2462	2483.5	-41.10	-40.42	-37.74	6.01	0	63.50	PEAK	74	PASS
	2462	2483.5	-52.71	-52.84	-49.76	6.01	0	51.48	AV	54	PASS
	2462	2500.0	-44.29	-43.76	-41.01	6.01	0	60.23	PEAK	74	PASS
	2462	2500.0	-53.79	-53.79	-50.78	6.01	0	50.46	AV	54	PASS
11N40	2422	2310.0	-44.89	-44.49	-41.68	6.01	0	59.56	PEAK	74	PASS
	2422	2310.0	-54.99	-54.97	-51.97	6.01	0	49.27	AV	54	PASS
	2422	2390.0	-40.49	-42.11	-38.21	6.01	0	63.03	PEAK	74	PASS
	2422	2390.0	-51.27	-51.71	-48.47	6.01	0	52.77	AV	54	PASS
	2452	2483.5	-33.36	-40.99	-32.67	6.01	0	68.57	PEAK	74	PASS
	2452	2483.5	-51.22	-51.40	-48.30	6.01	0	52.94	AV	54	PASS
	2452	2500.0	-43.59	-42.95	-40.25	6.01	0	60.99	PEAK	74	PASS
	2452	2500.0	-53.30	-53.40	-50.34	6.01	0	50.90	AV	54	PASS

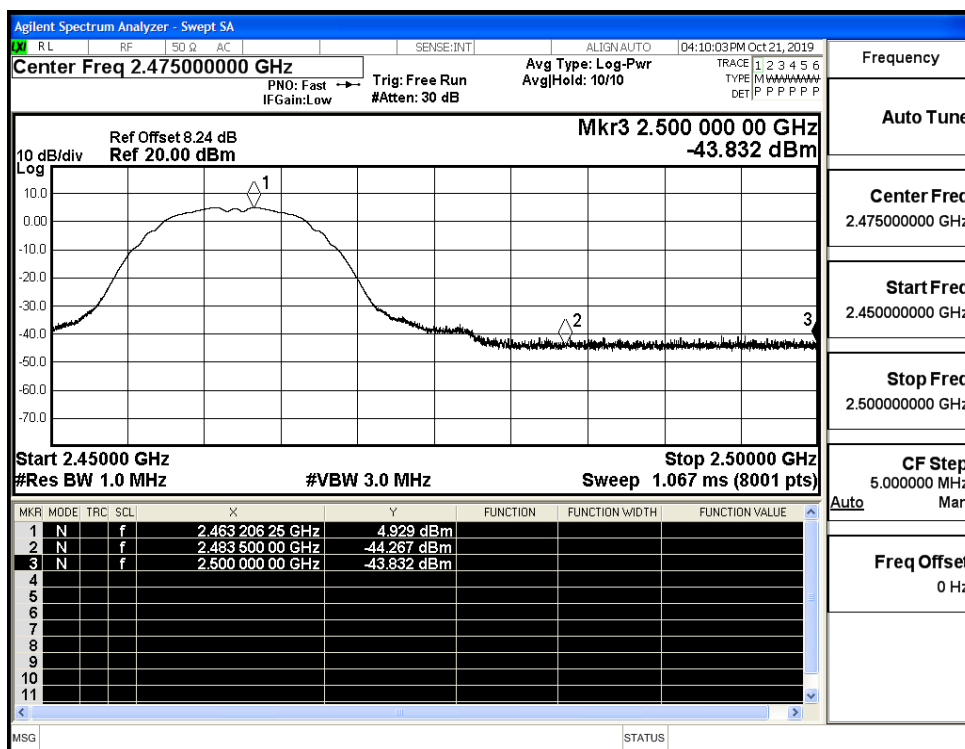
Restrict-band band-edge measurements_11B_2412_Ant1_PEAK



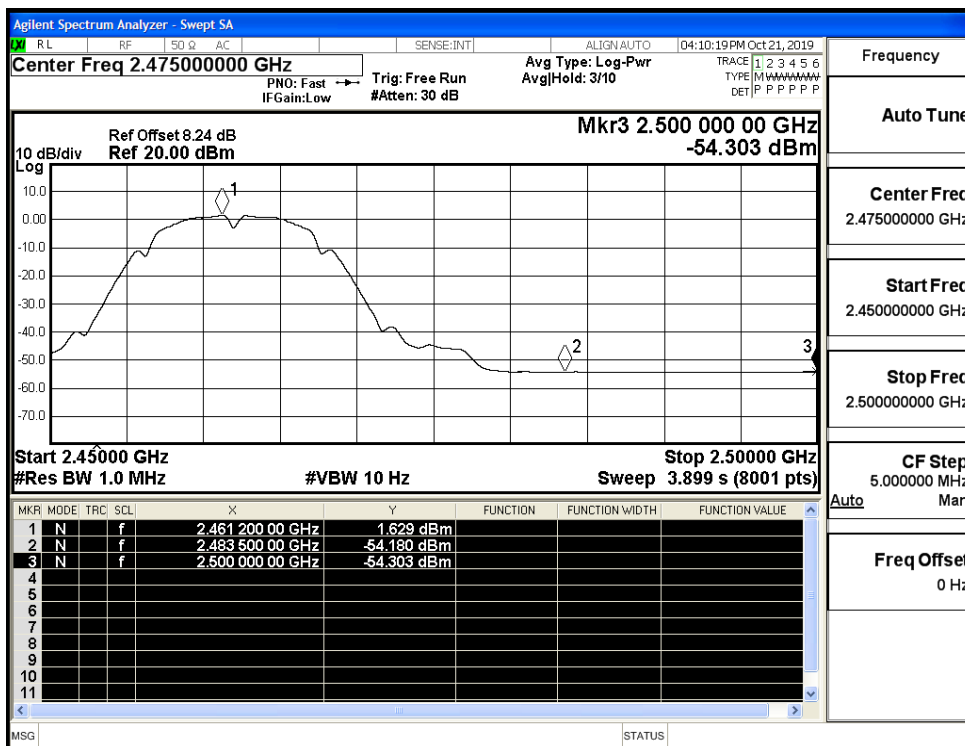
Restrict-band band-edge measurements_11B_2412_Ant1_AV



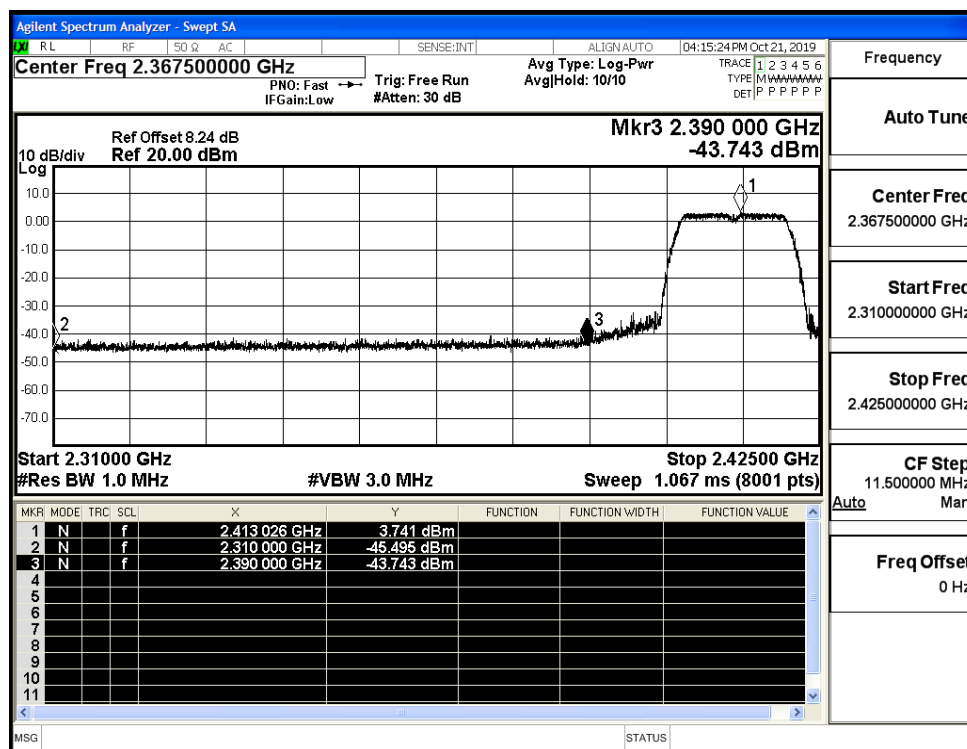
Restrict-band band-edge measurements_11B_2462_Ant1_PEAK



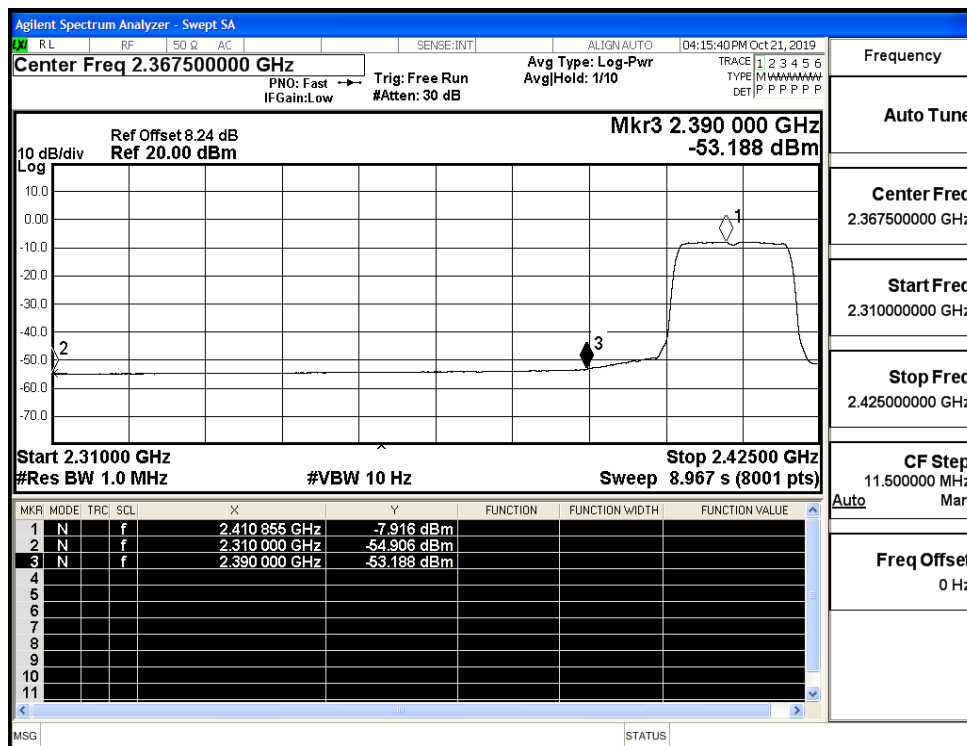
Restrict-band band-edge measurements_11B_2462_Ant1_AV



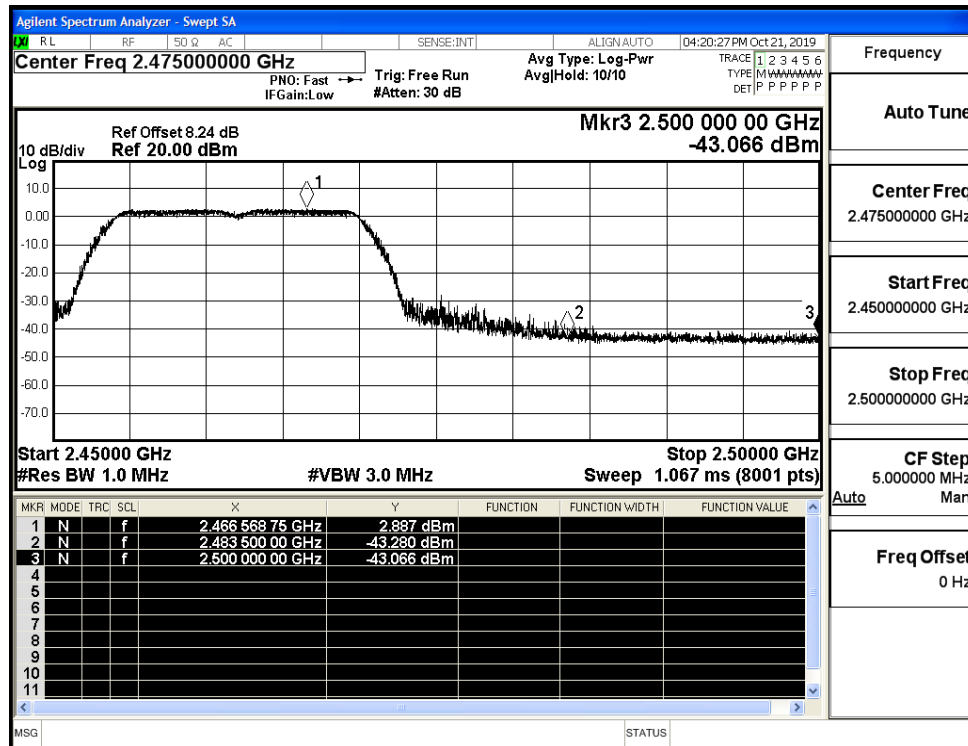
Restrict-band band-edge measurements_11G_2412_Ant1_PEAK



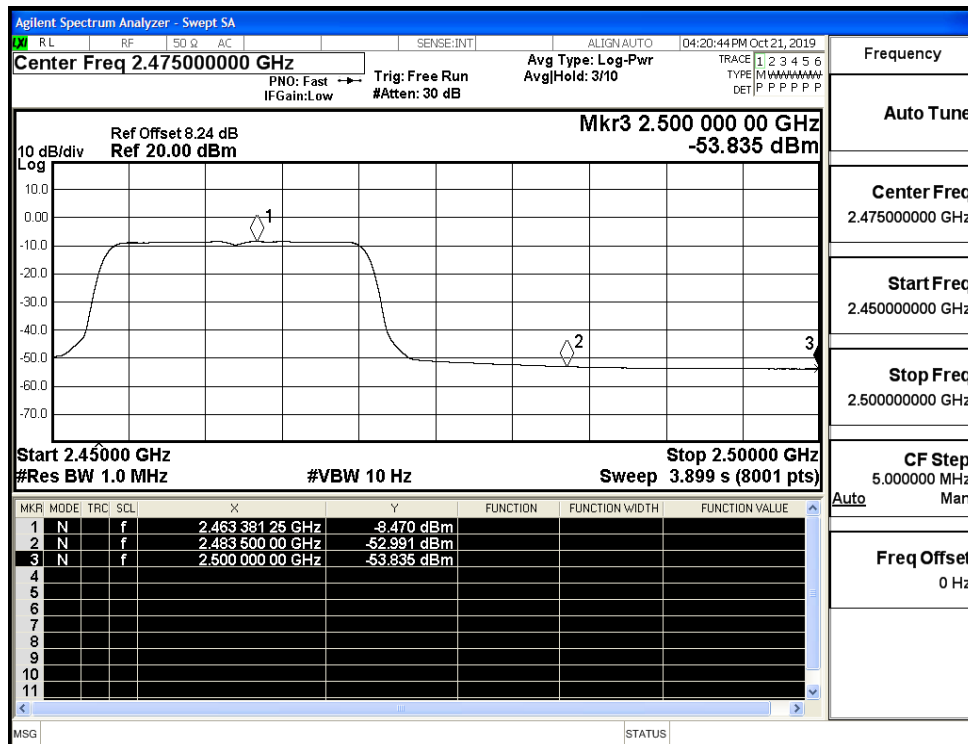
Restrict-band band-edge measurements_11G_2412_Ant1_AV



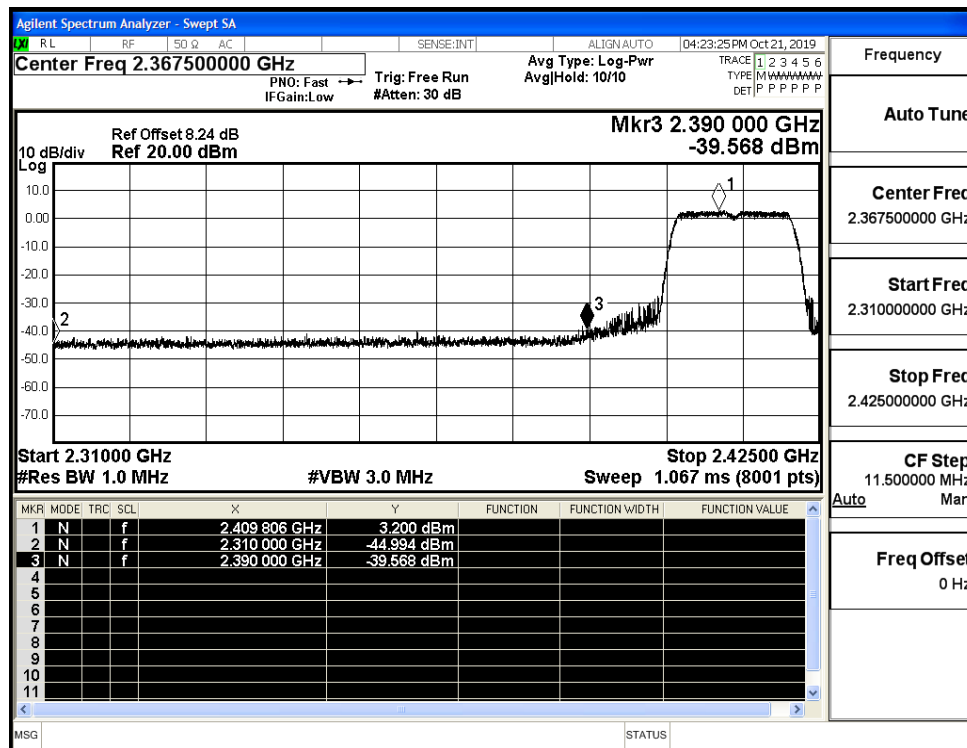
Restrict-band band-edge measurements_11G_2462_Ant1_PEAK



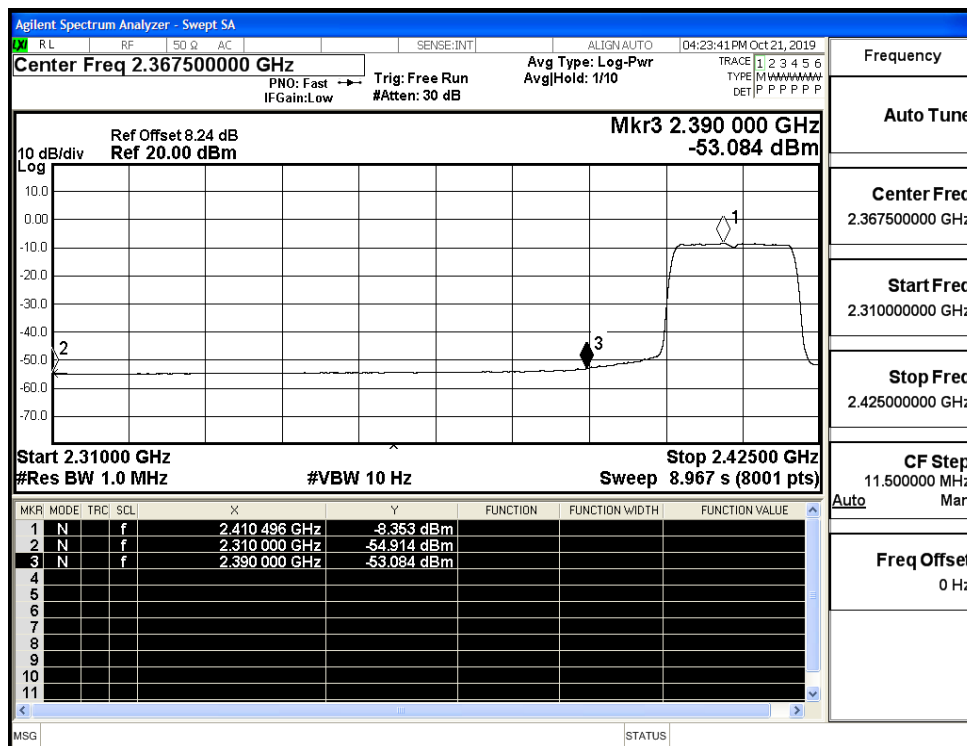
Restrict-band band-edge measurements_11G_2462_Ant1_AV



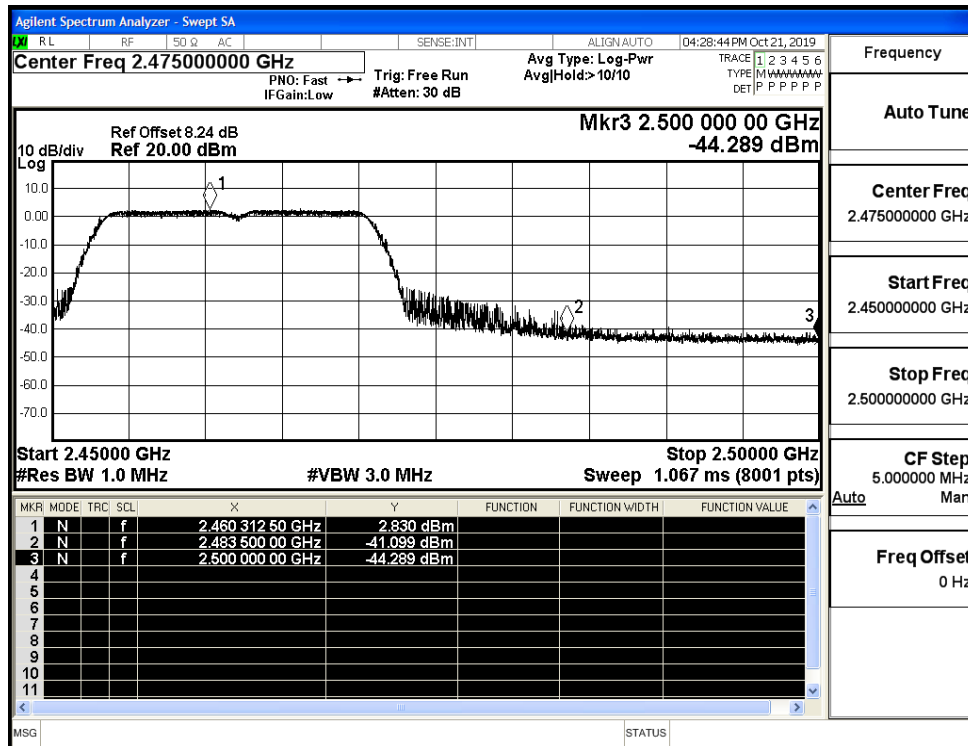
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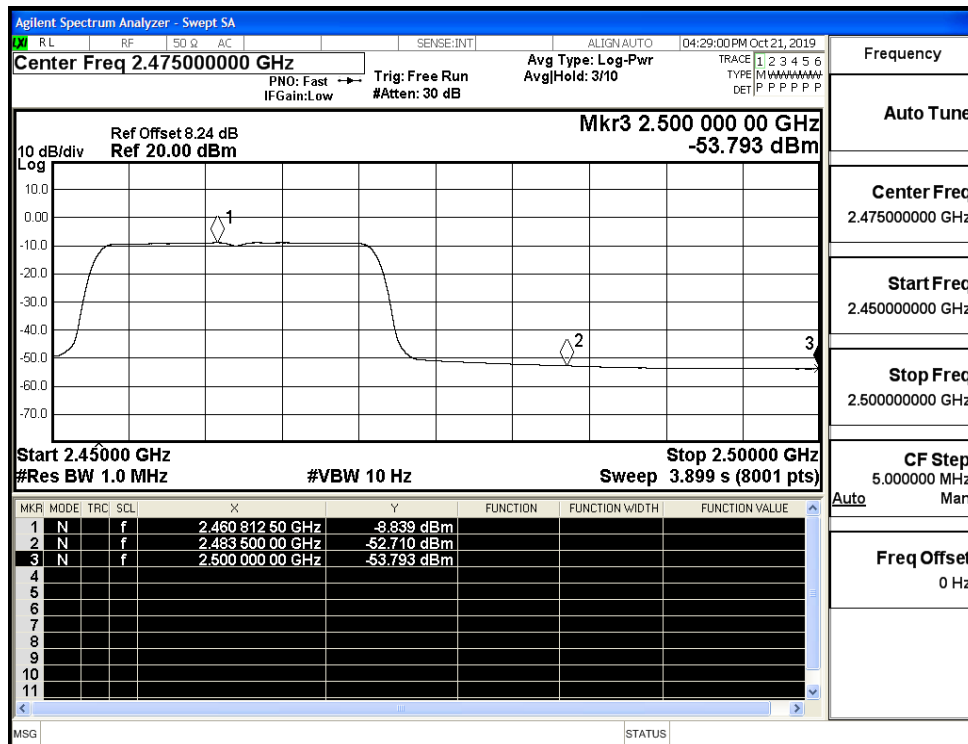
Restrict-band band-edge measurements_11N20SISO_2412_Ant1_AV



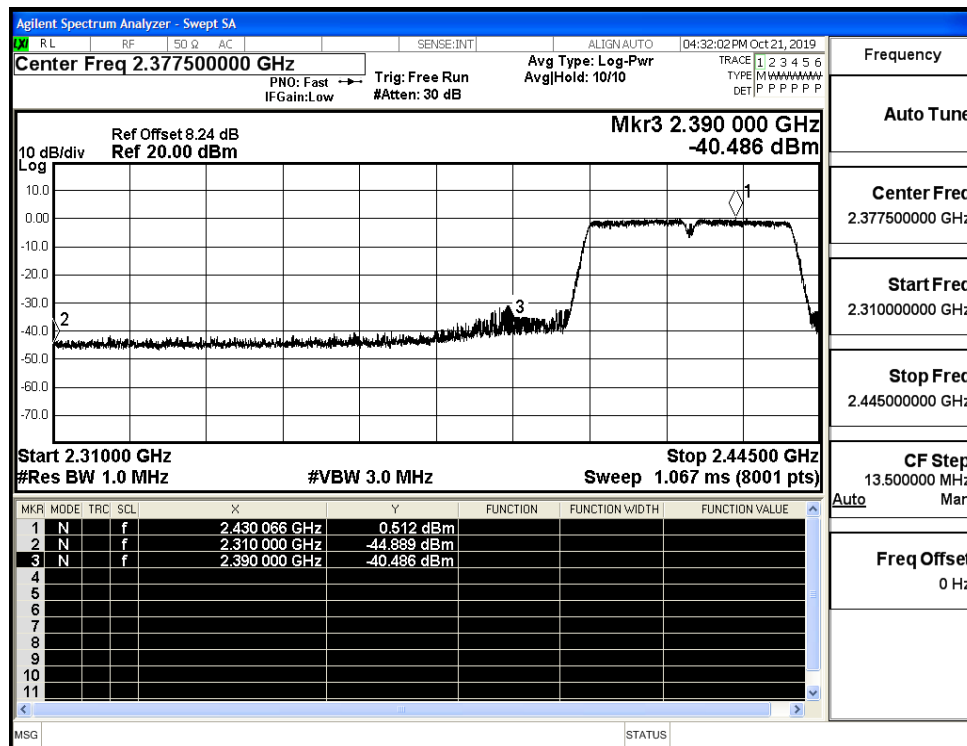
Restrict-band band-edge measurements_11N20SISO_2462_Ant1_PEAK



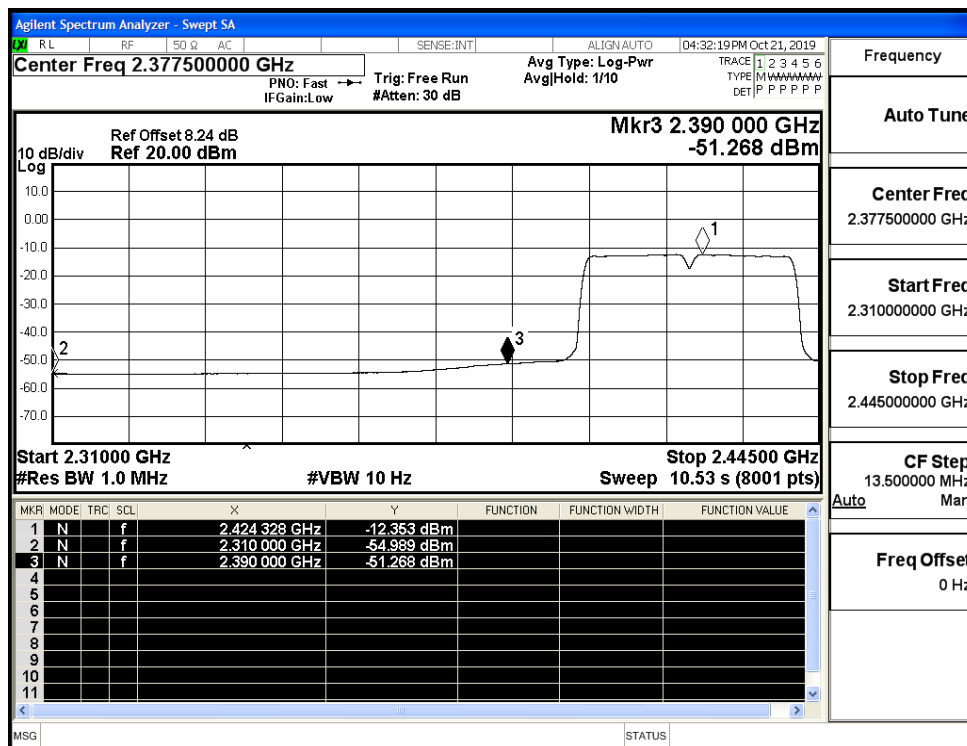
Restrict-band band-edge measurements_11N20SISO_2462_Ant1_AV



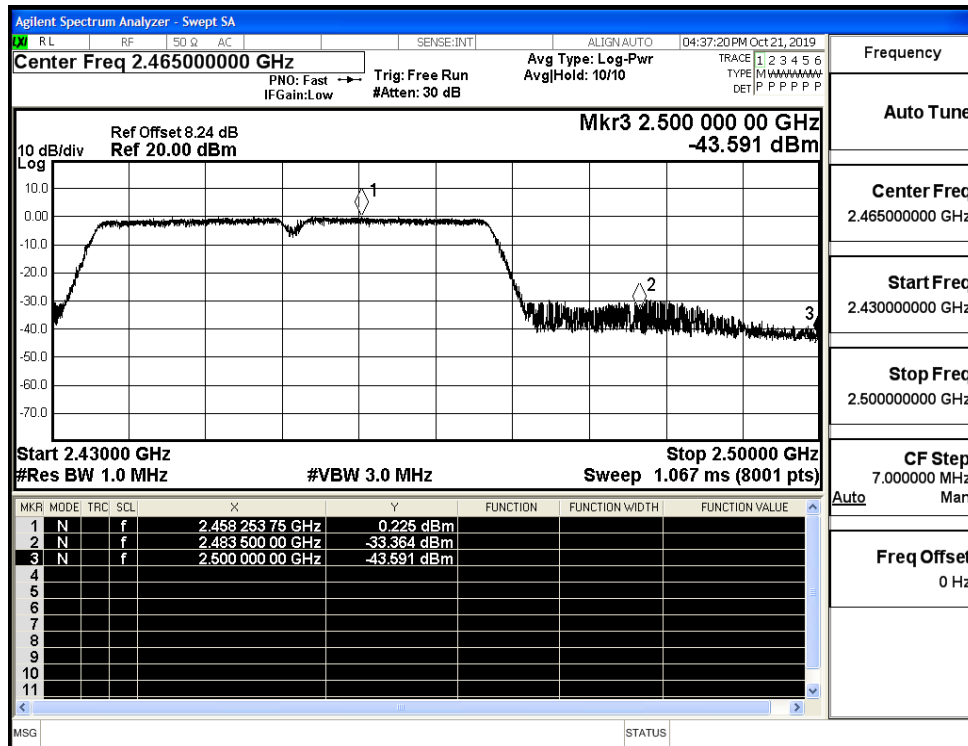
Restrict-band band-edge measurements_11N40SISO_2422_Ant1_PEAK



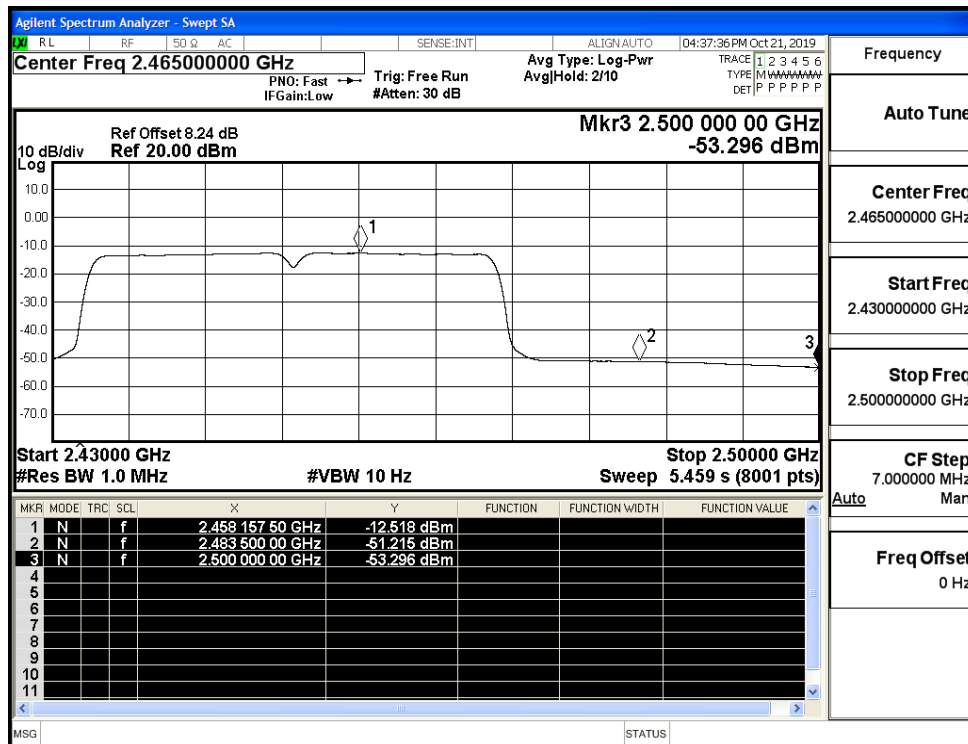
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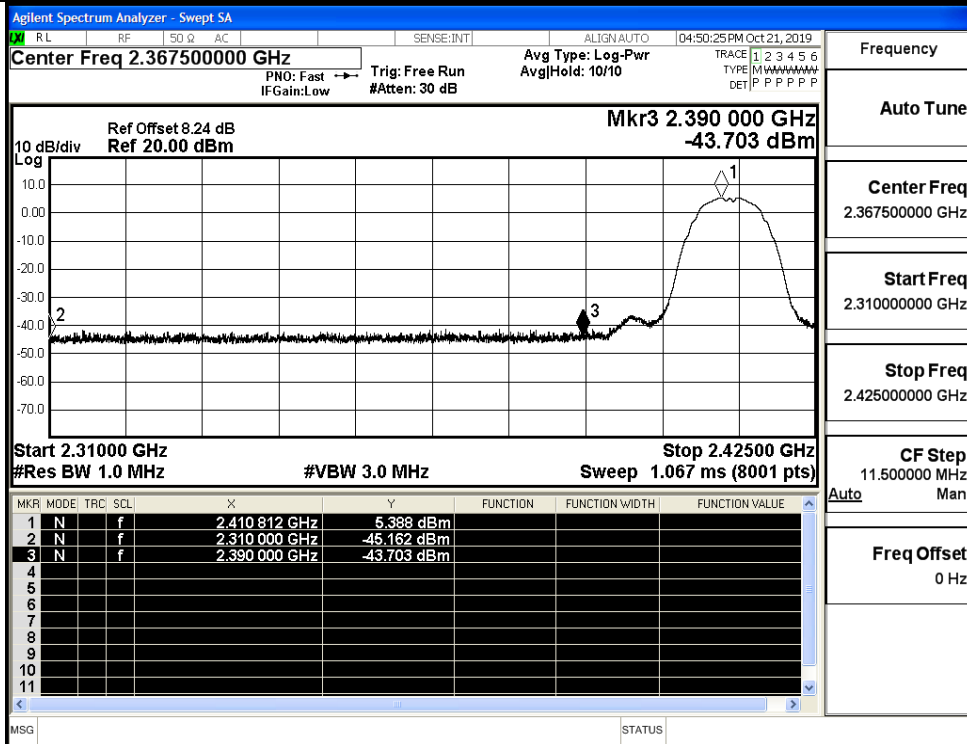
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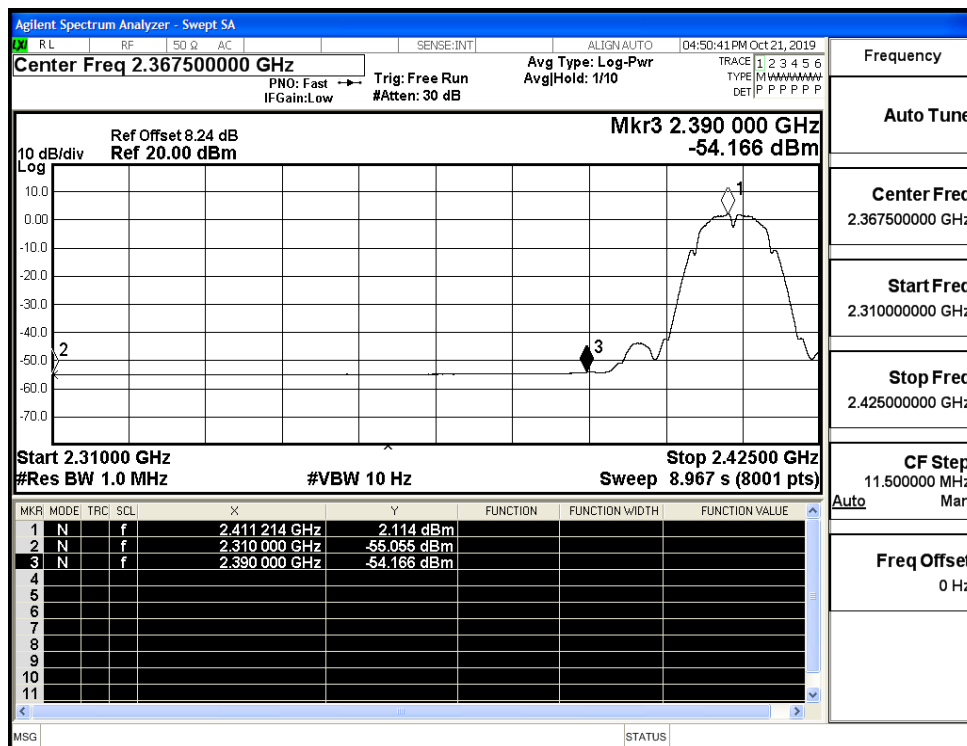
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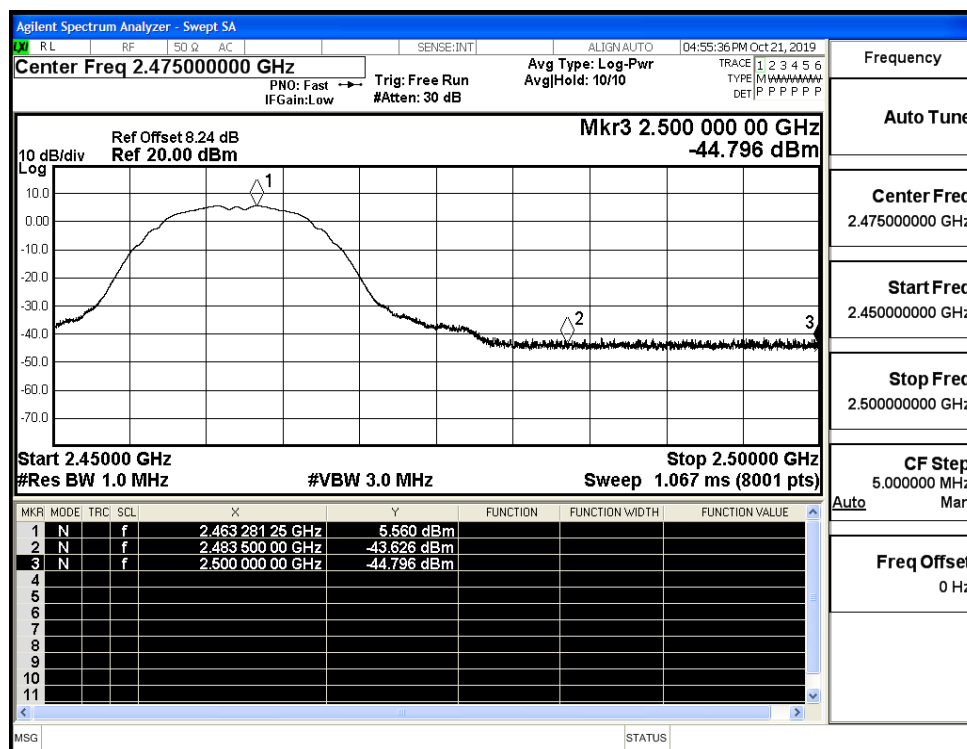
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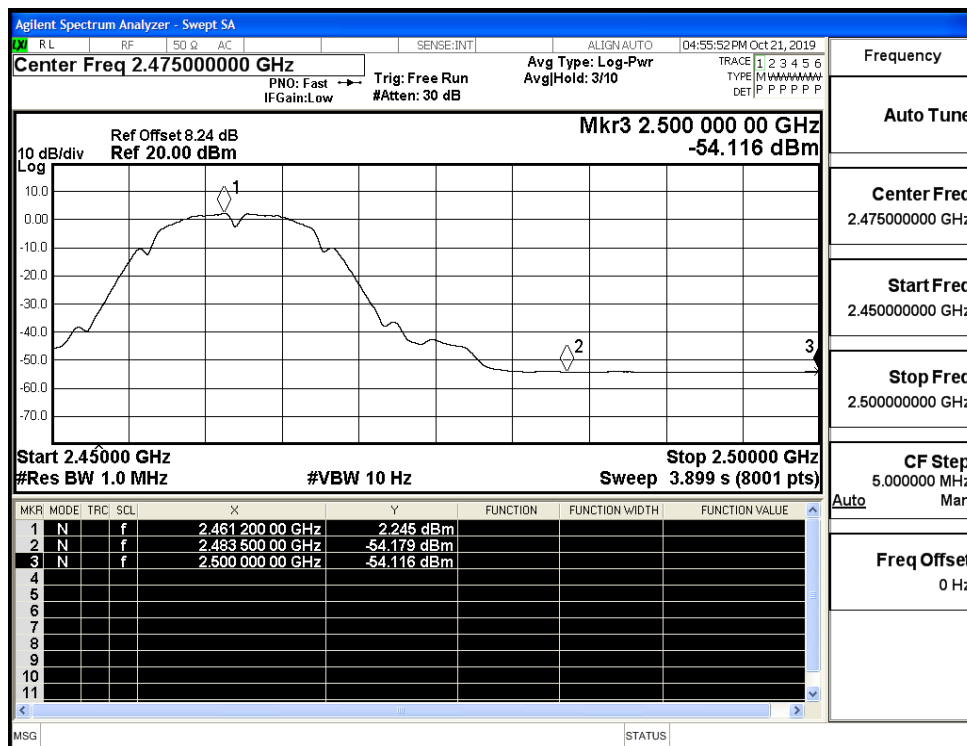
Restrict-band band-edge measurements_11B_2412_Ant2_AV



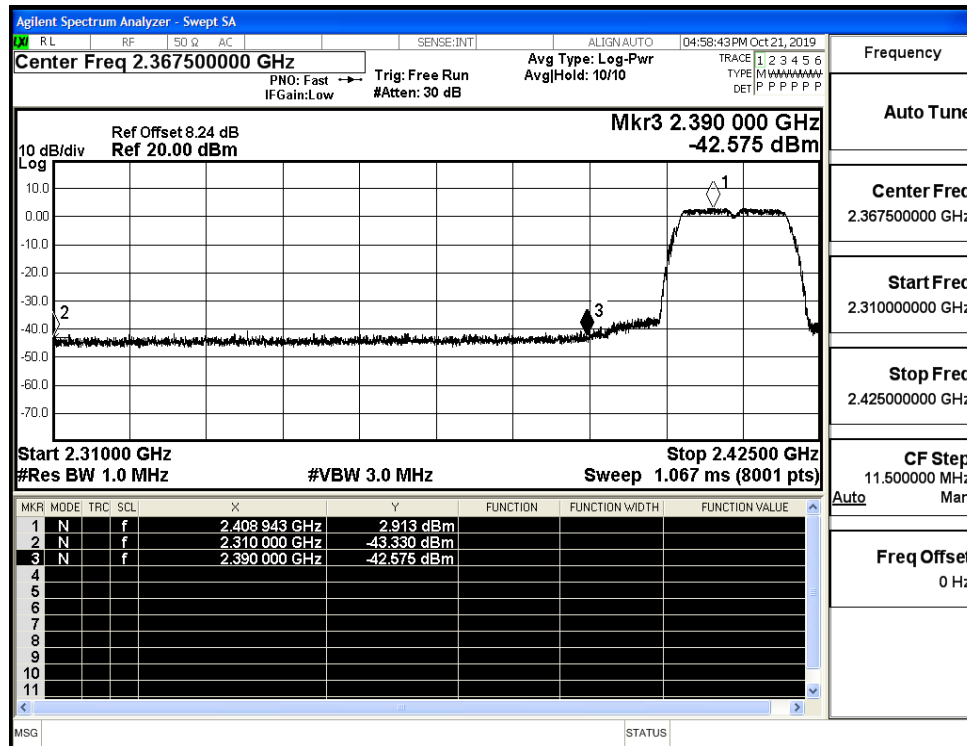
Restrict-band band-edge measurements_11B_2462_Ant2_PEAK



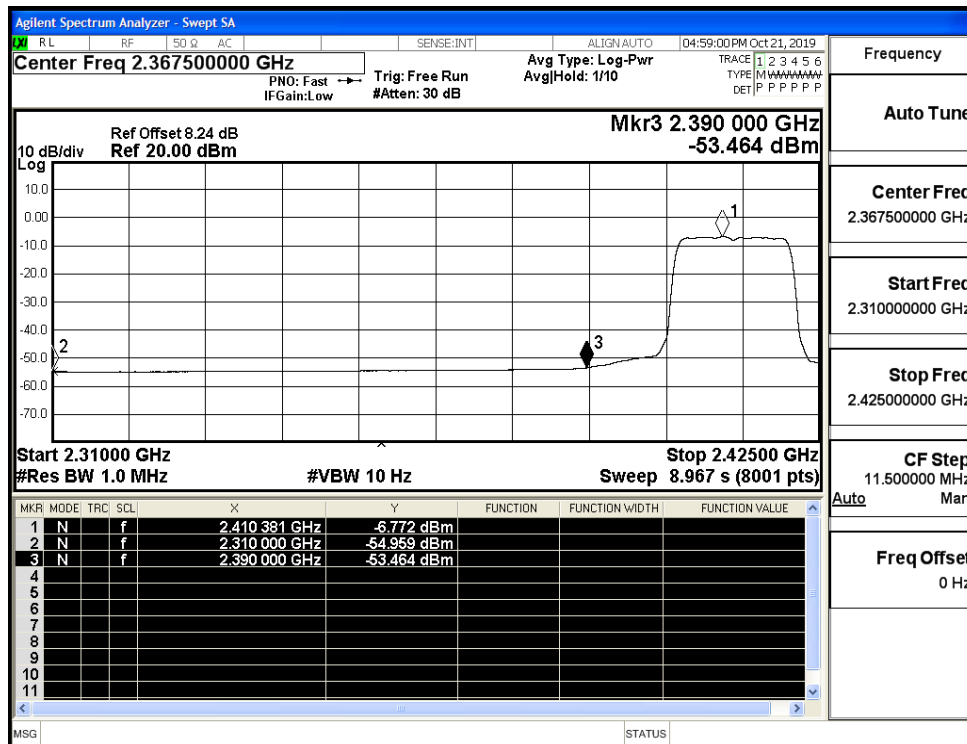
Restrict-band band-edge measurements_11B_2462_Ant2_AV



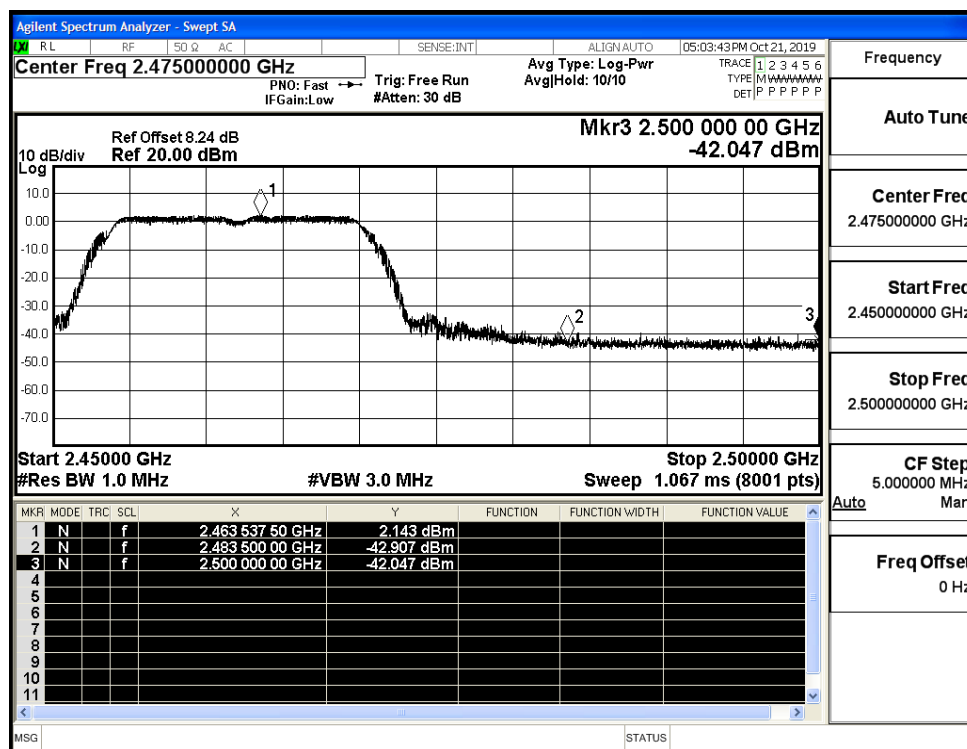
Restrict-band band-edge measurements_11G_2412_Ant2_PEAK



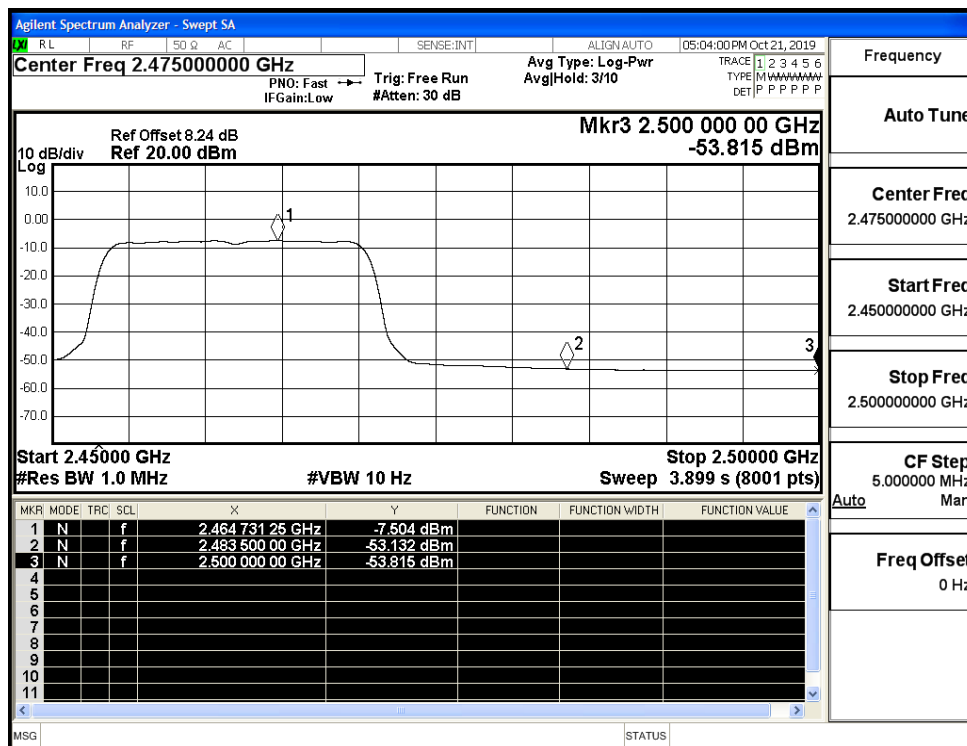
Restrict-band band-edge measurements_11G_2412_Ant2_AV



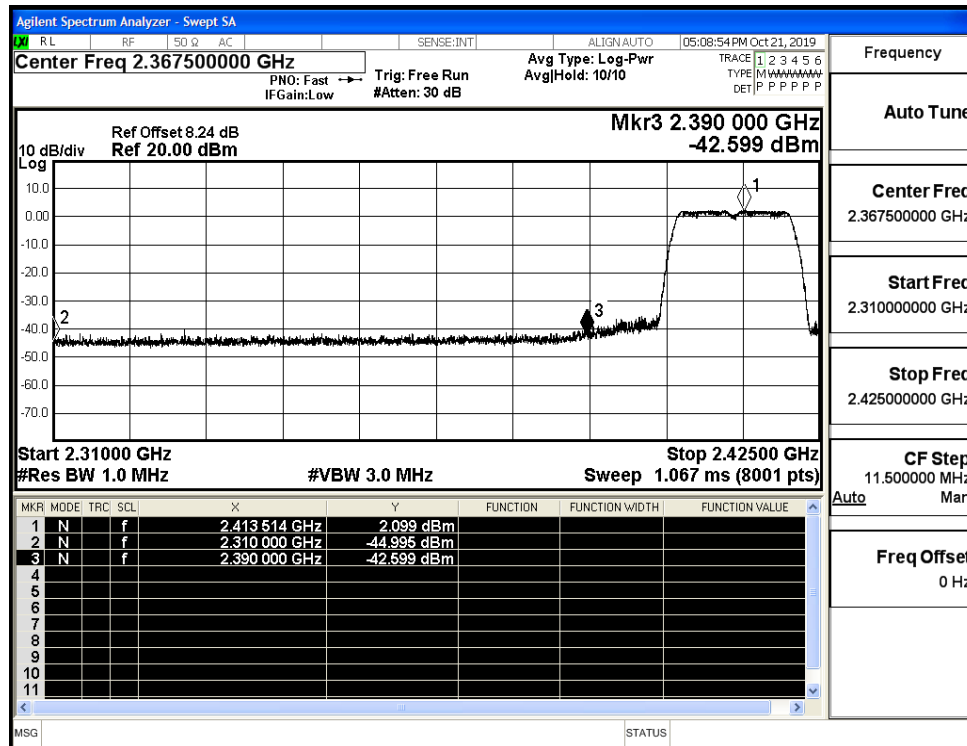
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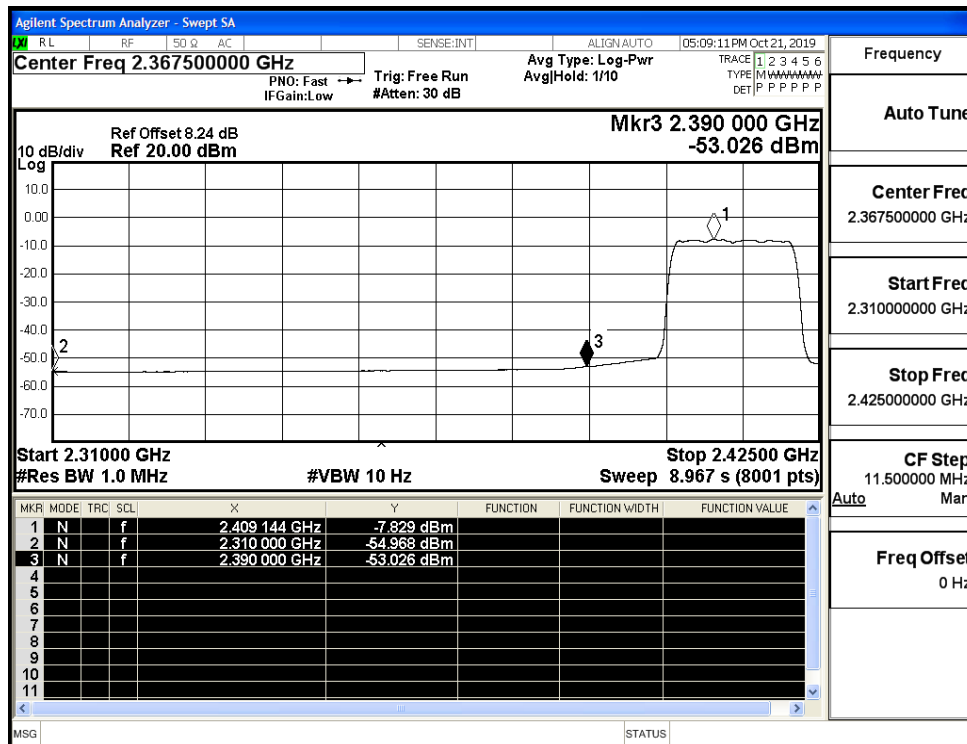
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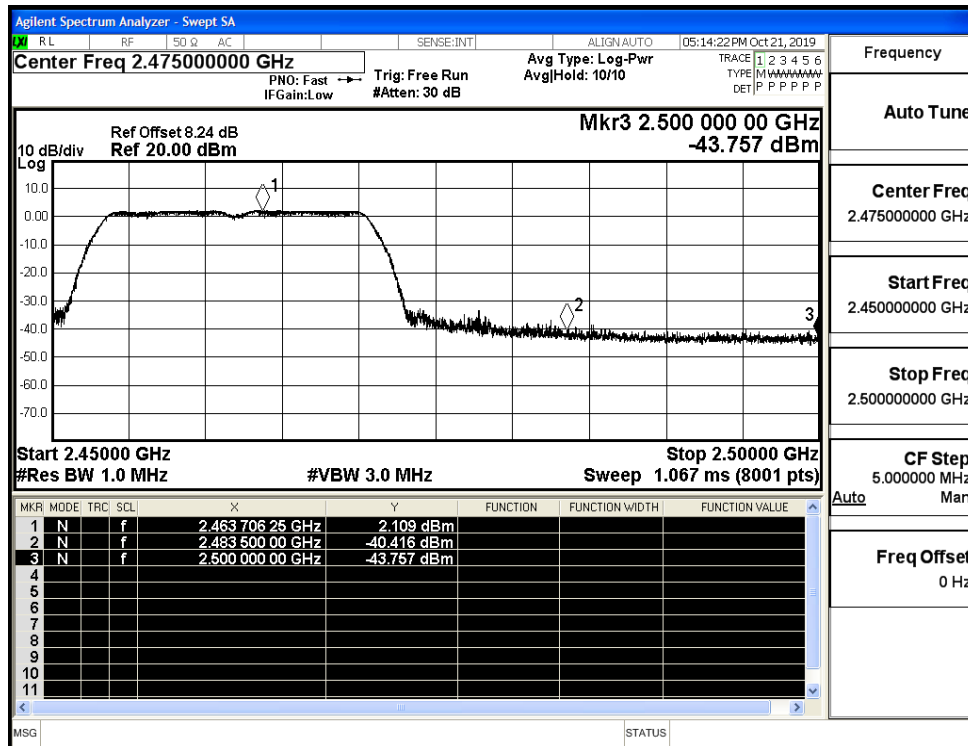
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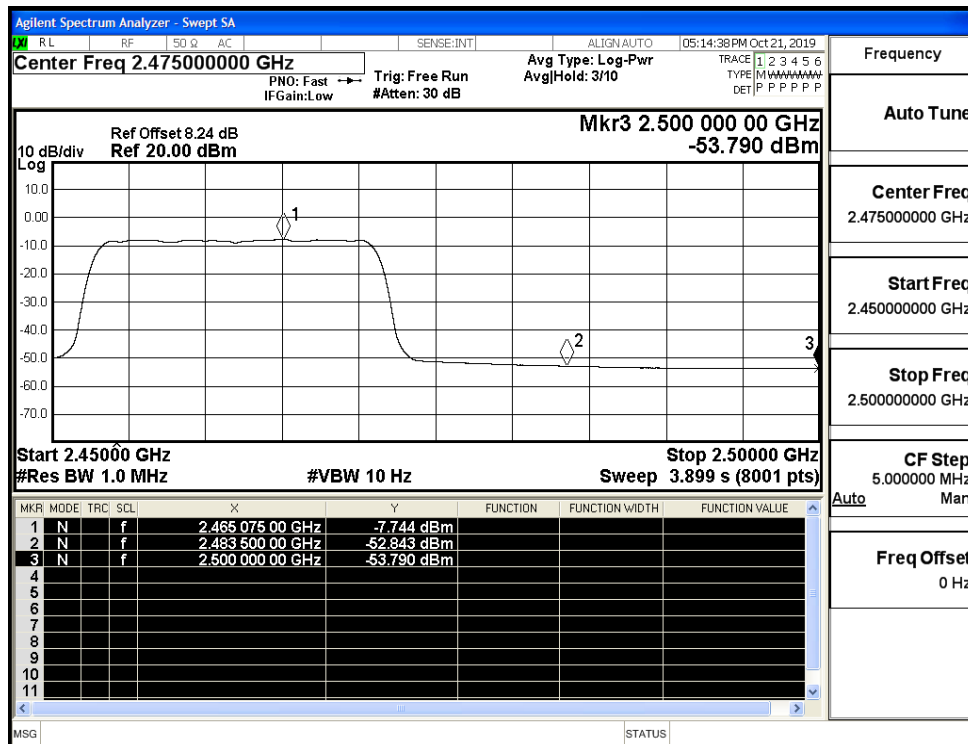
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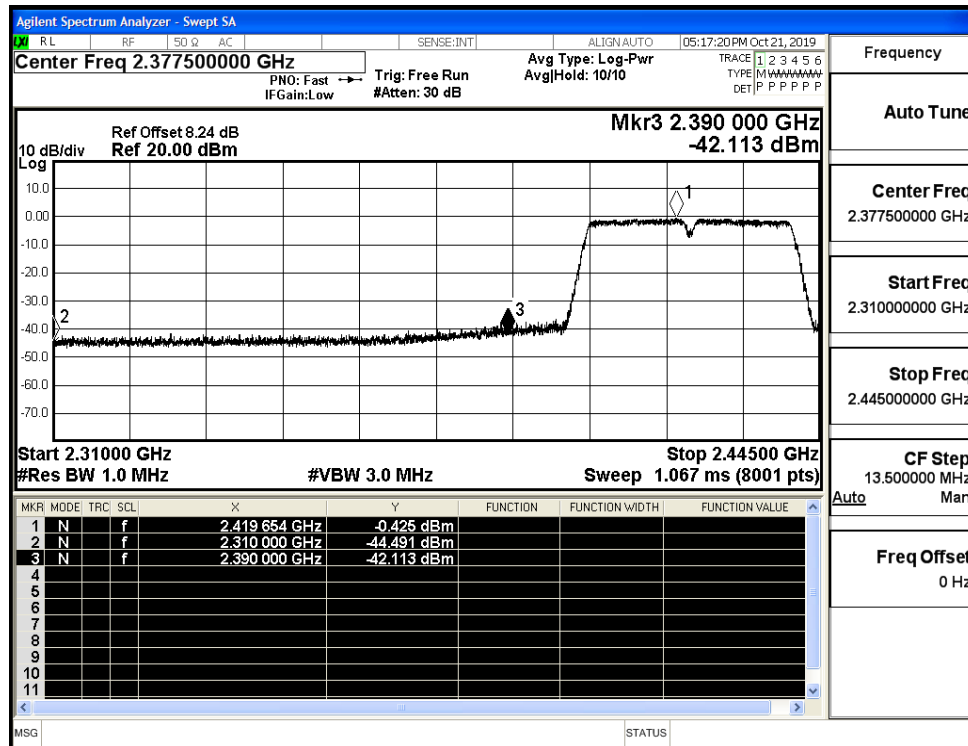
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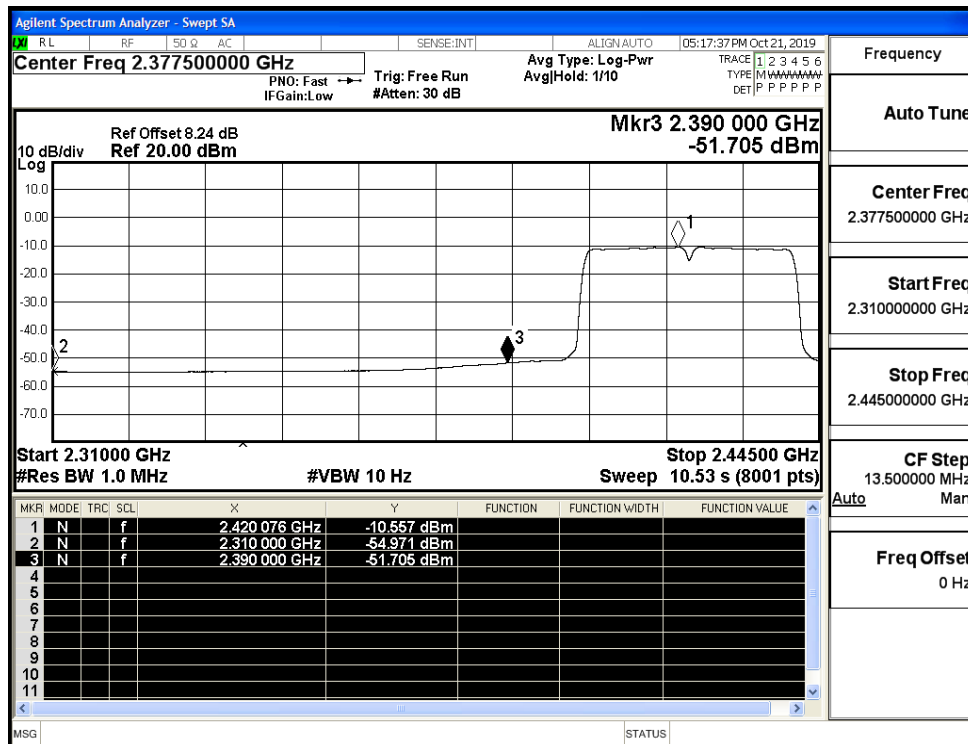
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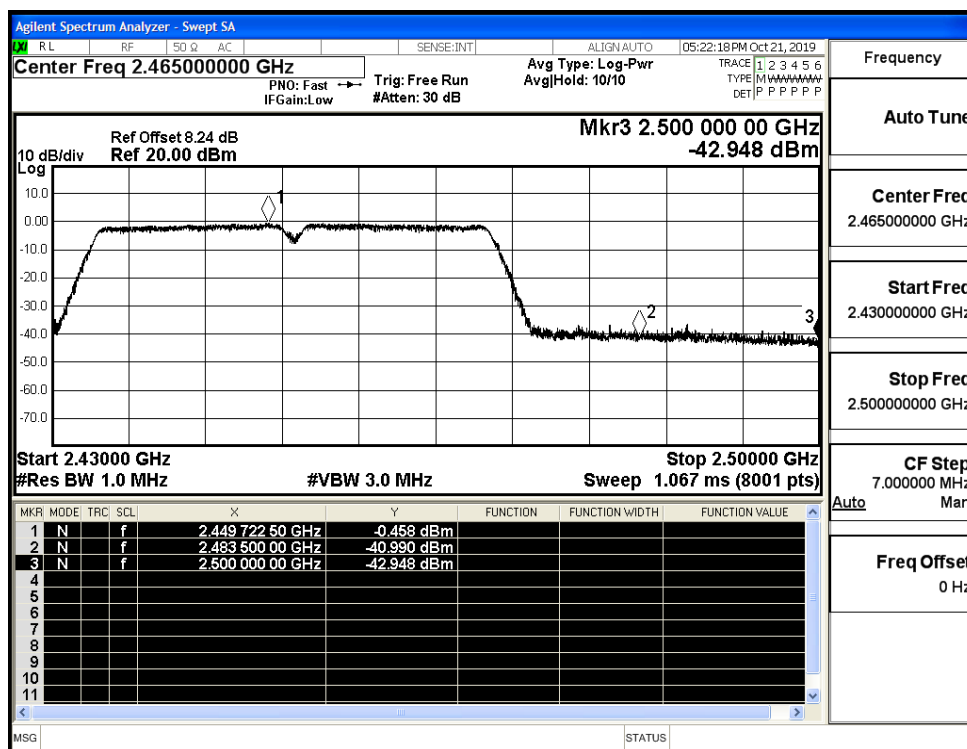
Restrict-band band-edge measurements_11N40SISO_2422_Ant2_PEAK



Restrict-band band-edge measurements_11N40SISO_2422_Ant2_AV



Restrict-band band-edge measurements_11N40SISO_2452_Ant2_PEAK



Restrict-band band-edge measurements_11N40SISO_2452_Ant2_AV

