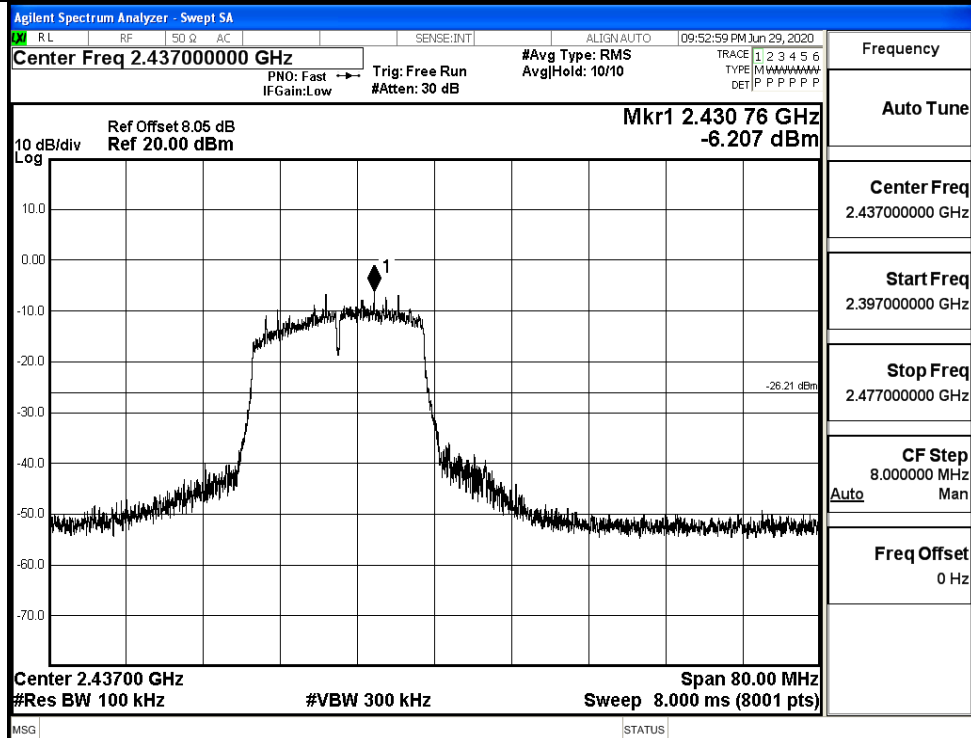
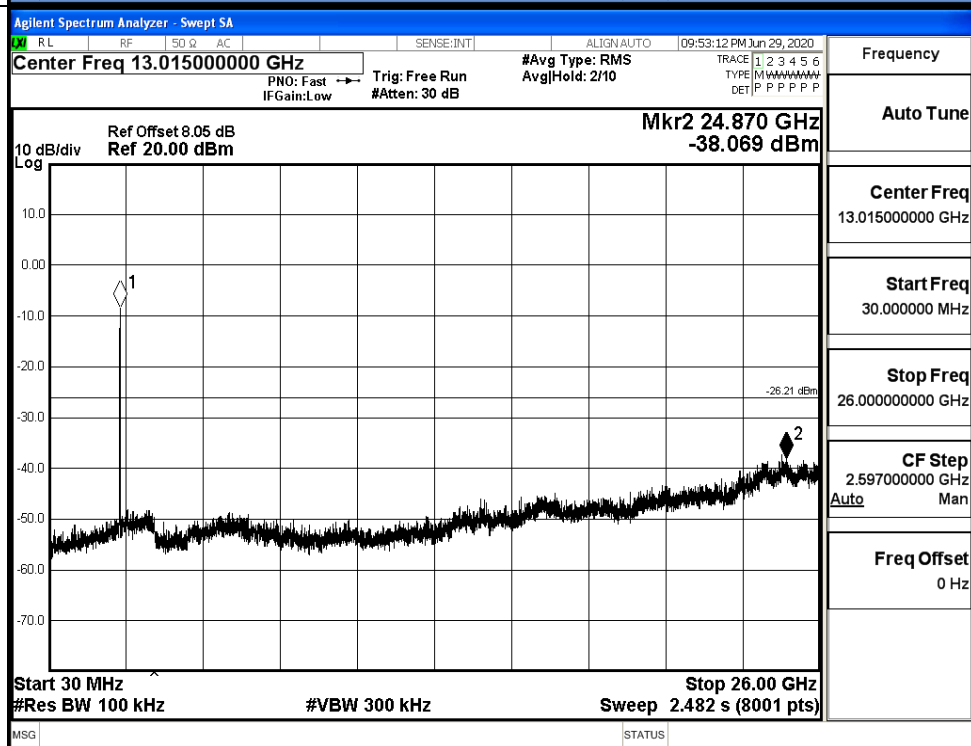


11N40SISO_MCH_Graphs

Pref/11N40
SISO/MCH

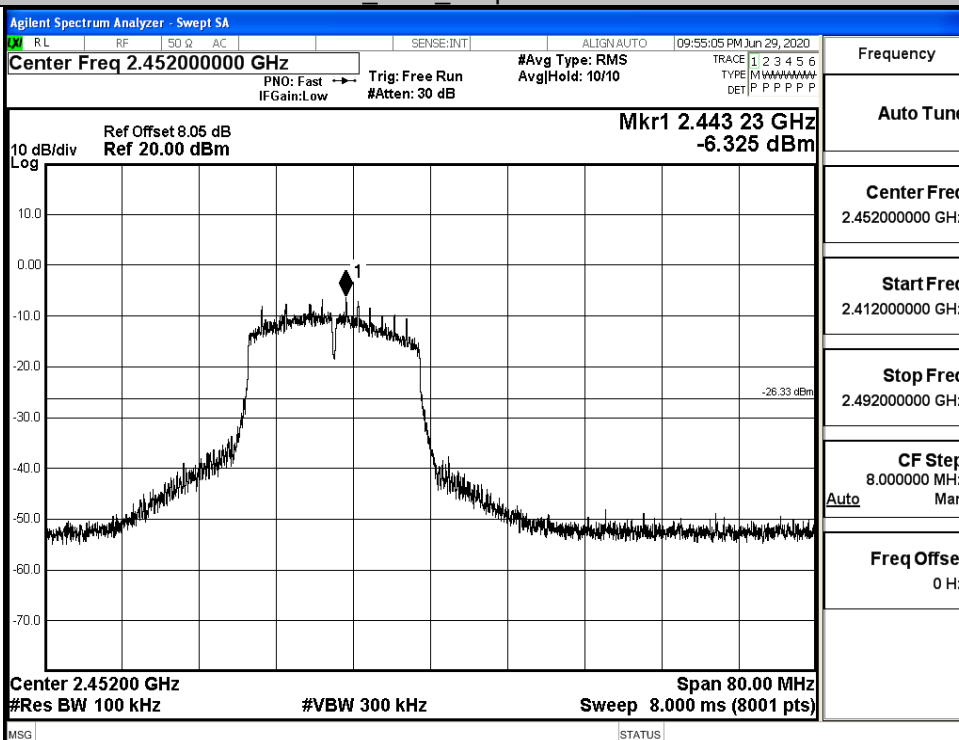


Puw/11N40
SISO/MCH

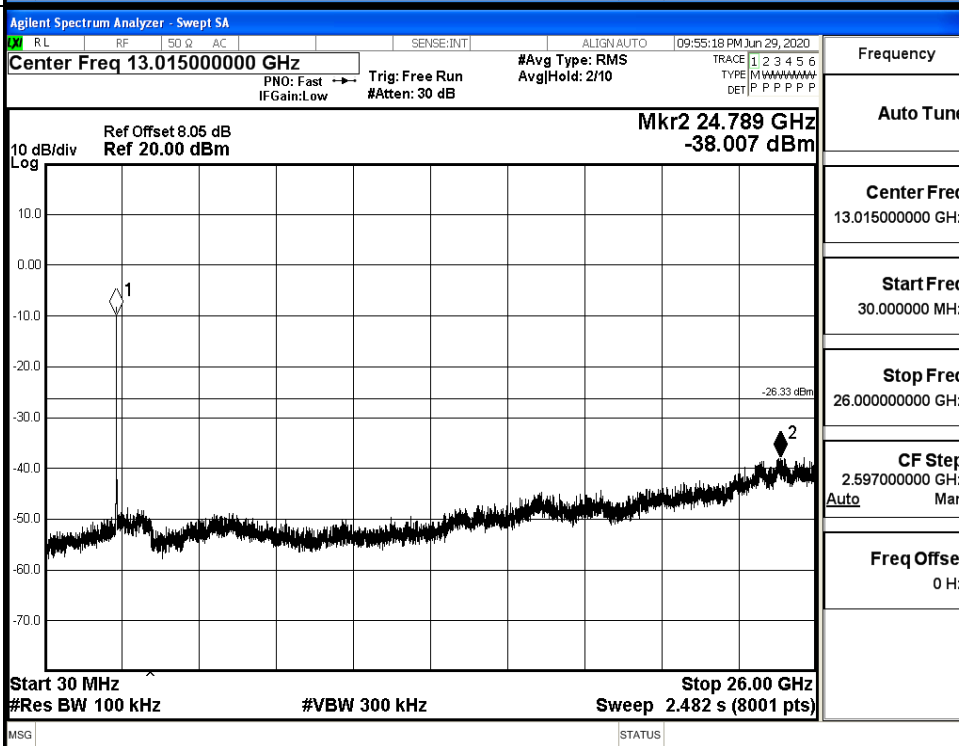


11N40SISO HCH Graphs

Pref/11N40
SISO/HCH



Puw/11N40
SISO/HCH



ANT1

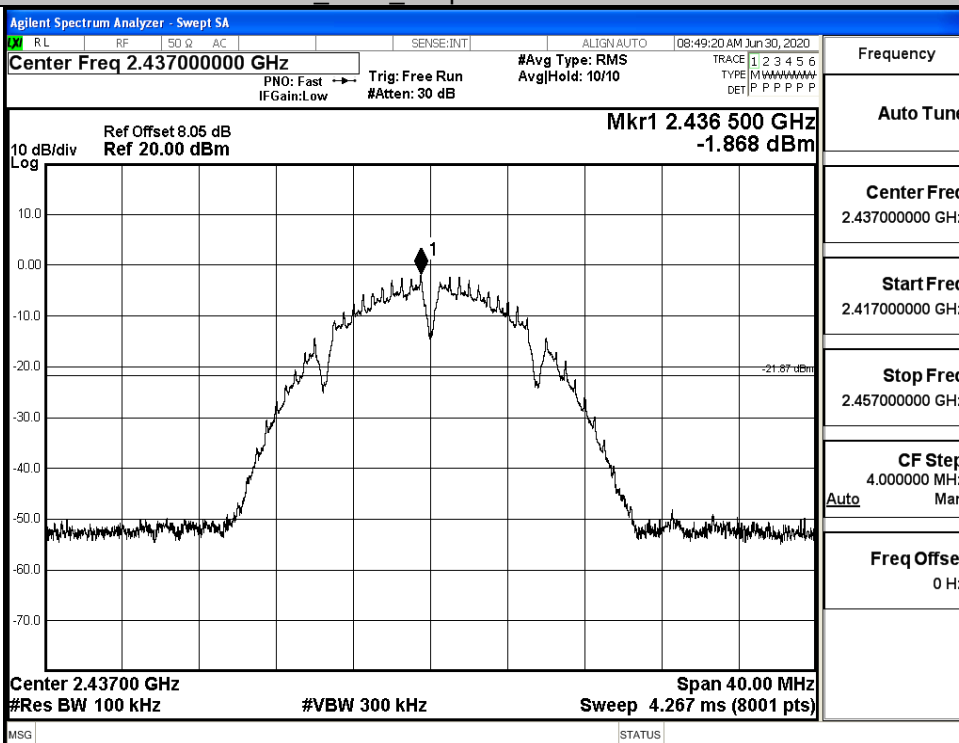
Mode	Channel	Pref [dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
11B	LCH	-2.55	-37.860	-22.550	PASS
	MCH	-1.868	-38.372	-21.868	PASS
	HCH	-2.03	-37.730	-22.030	PASS
11G	LCH	-8.576	-38.398	-28.576	PASS
	MCH	-8.188	-38.266	-28.188	PASS
	HCH	-8.519	-37.770	-28.519	PASS
11N20 SISO	LCH	-9.562	-38.334	-29.562	PASS
	MCH	-8.935	-37.813	-28.935	PASS
	HCH	-9.325	-37.572	-29.325	PASS
11N40 SISO	LCH	-11.532	-37.419	-31.532	PASS
	MCH	-9.94	-38.030	-29.940	PASS
	HCH	-11.108	-37.927	-31.108	PASS

11B LCH Graphs

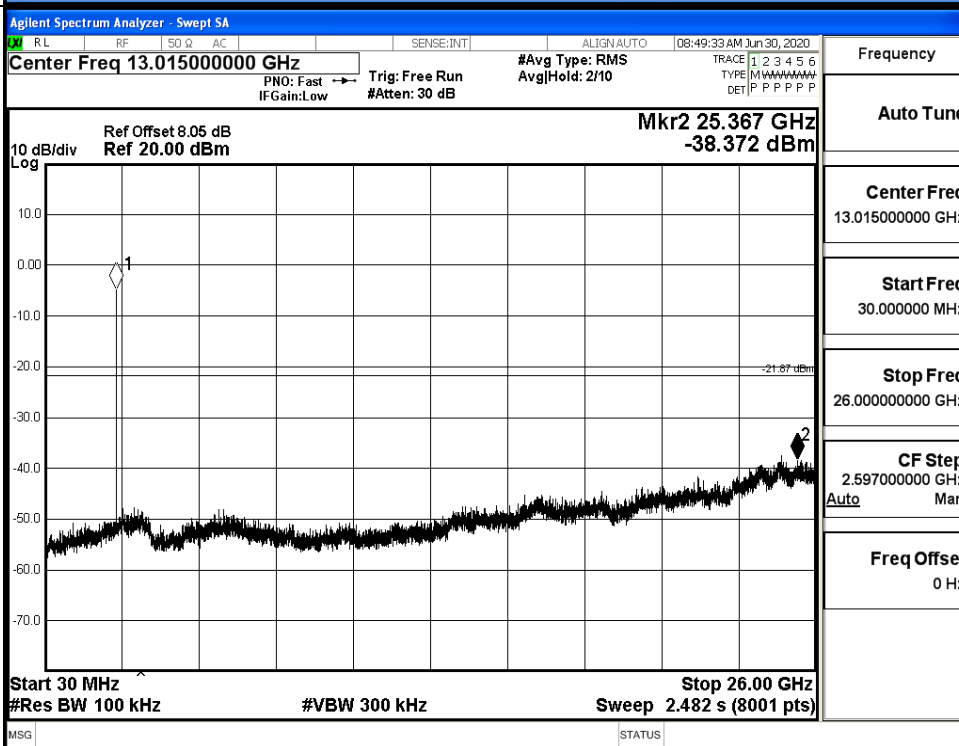
Pref/11B/LCH	Agilent Spectrum Analyzer - Swept SA RL RF 50 Ω AC SENSE:INT ALIGN AUTO 08:47:08 AM Jun 30, 2020 Center Freq 2.412000000 GHz PN0: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB #Avg Type: RMS Avg/Hold: 10/10 TRACE 1 2 3 4 5 6 TYPE M W W W W W W W DET P P P P P P Ref Offset 8.05 dB Ref 20.00 dBm Mkr1 2.411 500 GHz -2.550 dBm Center 2.41200 GHz #Res BW 100 kHz #VBW 300 kHz Span 40.00 MHz Sweep 4.267 ms (8001 pts) MSG STATUS Frequency Auto Tune Center Freq 2.412000000 GHz Start Freq 2.392000000 GHz Stop Freq 2.432000000 GHz CF Step 4.000000 MHz Auto Freq Offset 0 Hz
Puw/11B/LCH	Agilent Spectrum Analyzer - Swept SA RL RF 50 Ω AC SENSE:INT ALIGN AUTO 08:47:22 AM Jun 30, 2020 Center Freq 13.015000000 GHz PN0: Fast IF Gain: Low Trig: Free Run #Atten: 30 dB #Avg Type: RMS Avg/Hold: 2/10 TRACE 1 2 3 4 5 6 TYPE M W W W W W W W DET P P P P P P Ref Offset 8.05 dB Ref 20.00 dBm Mkr2 24.120 GHz -37.860 dBm Start 30 MHz #Res BW 100 kHz #VBW 300 kHz Stop 26.00 GHz Sweep 2.482 s (8001 pts) MSG STATUS Frequency Auto Tune Center Freq 13.015000000 GHz Start Freq 30.000000 MHz Stop Freq 26.000000000 GHz CF Step 2.597000000 GHz Auto Freq Offset 0 Hz

11B MCH Graphs

Pref/11B/MCH

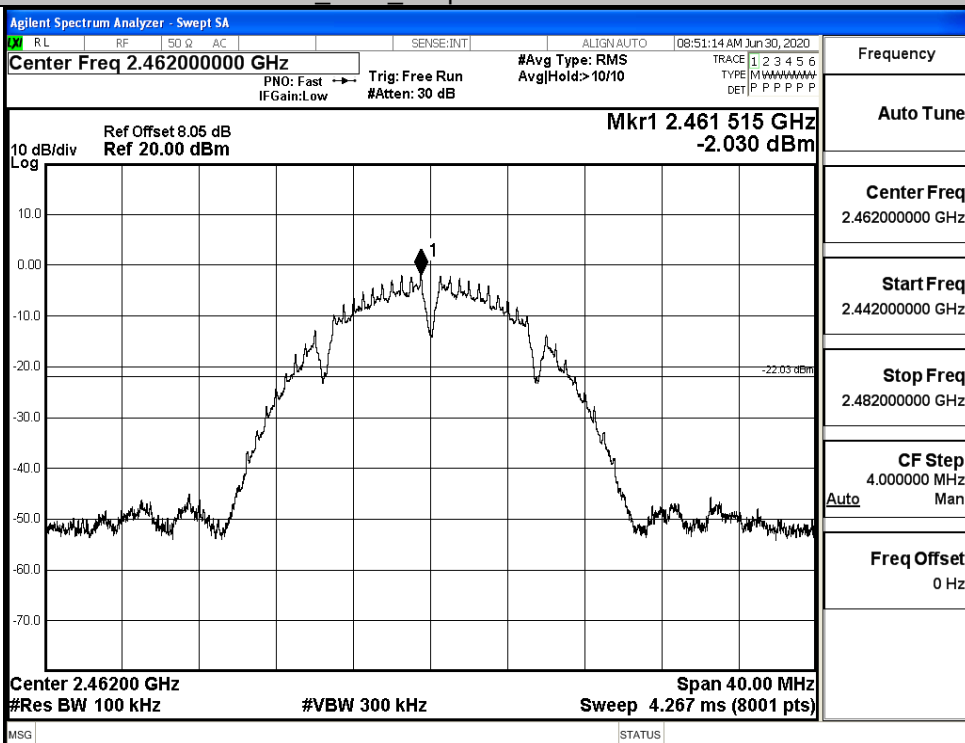


Puw/11B/MCH

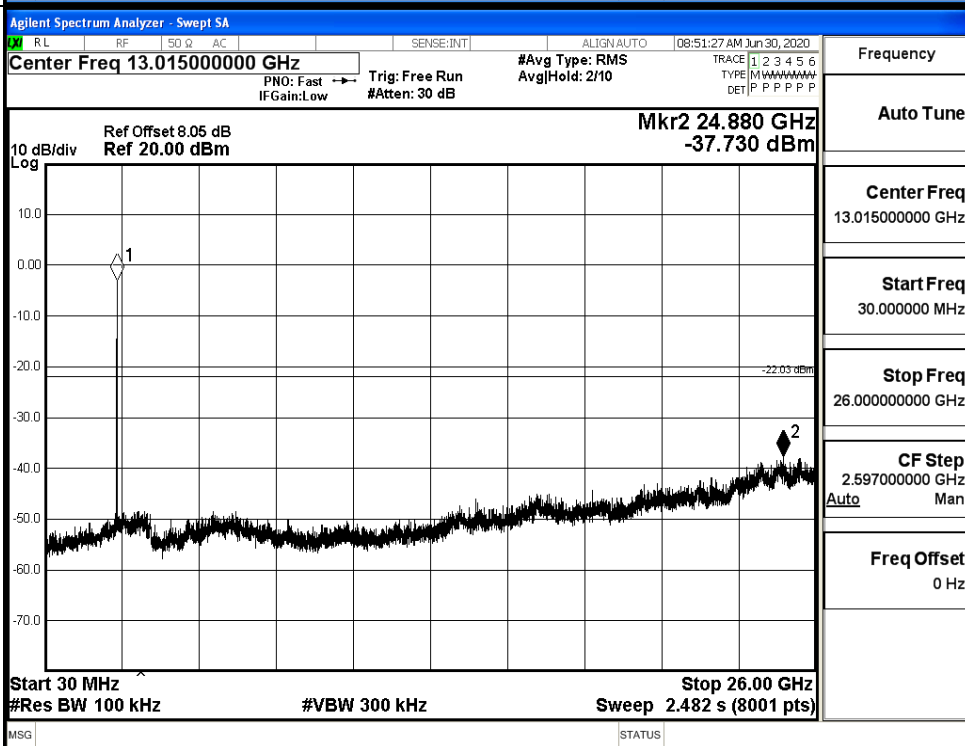


11B HCH Graphs

Pref/11B/HCH

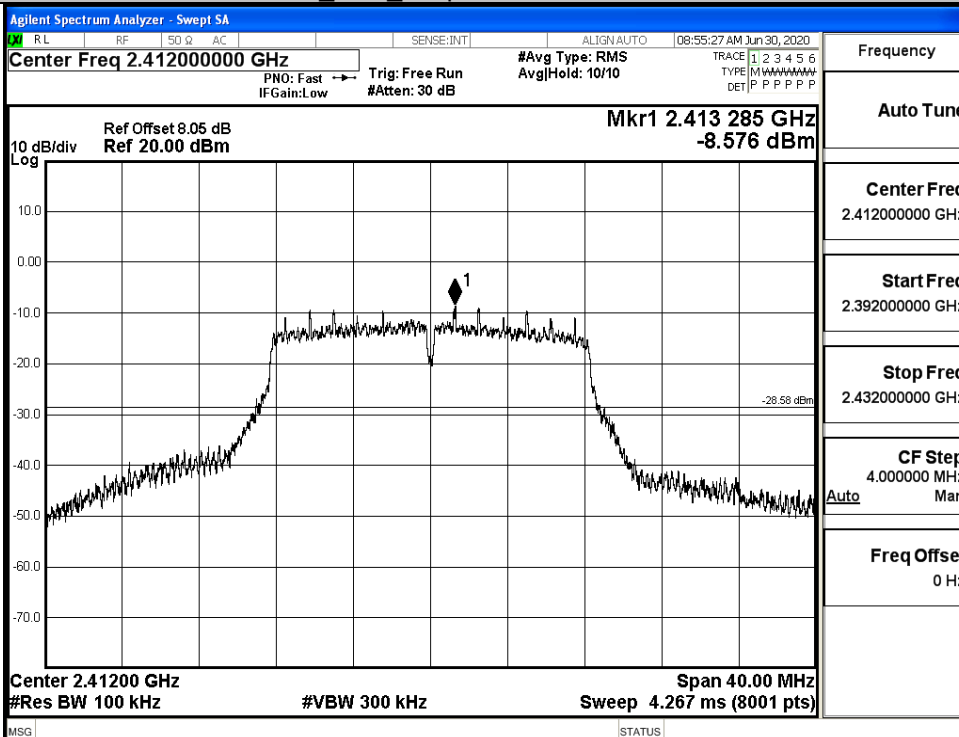


Puw/11B/HCH

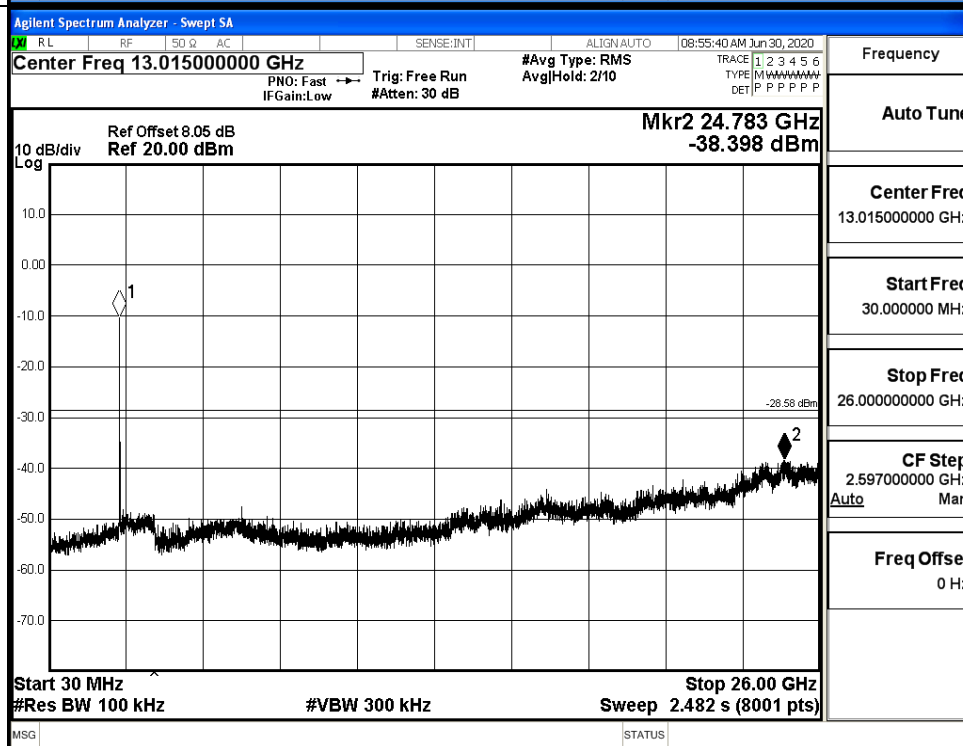


11G LCH Graphs

Pref/11G/LCH

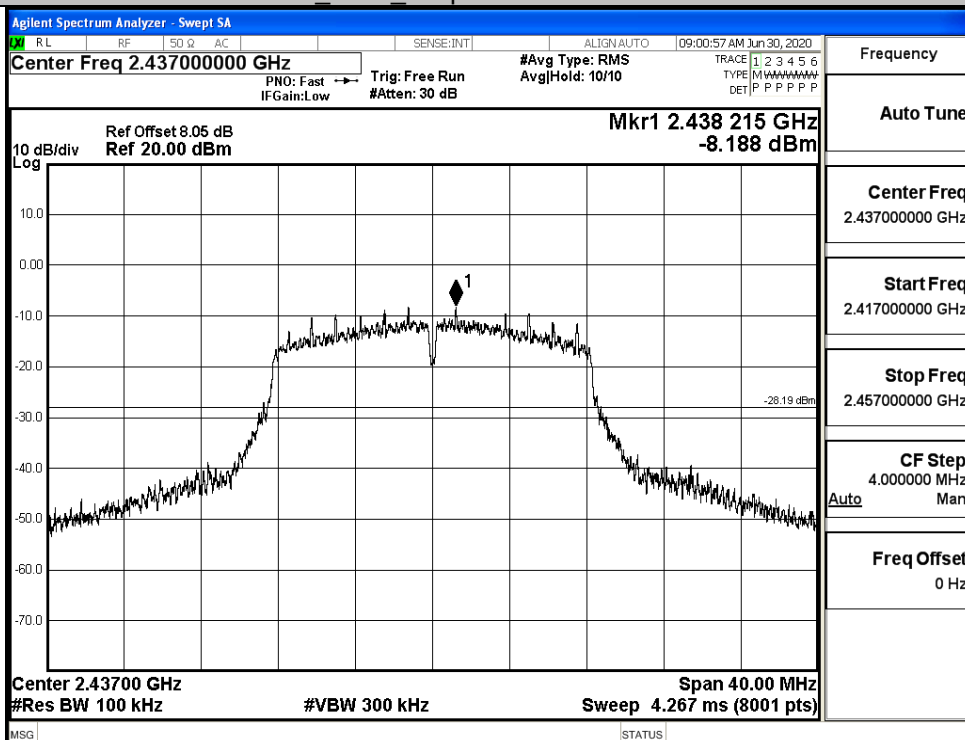


Puw/11G/LCH

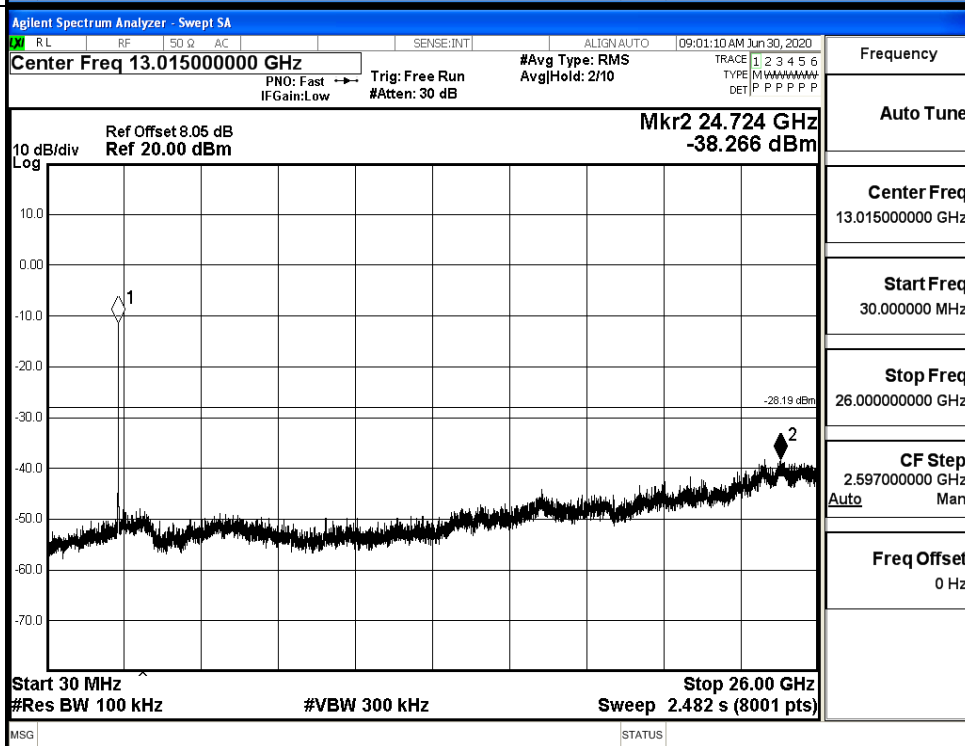


11G MCH Graphs

Pref/11G/MCH

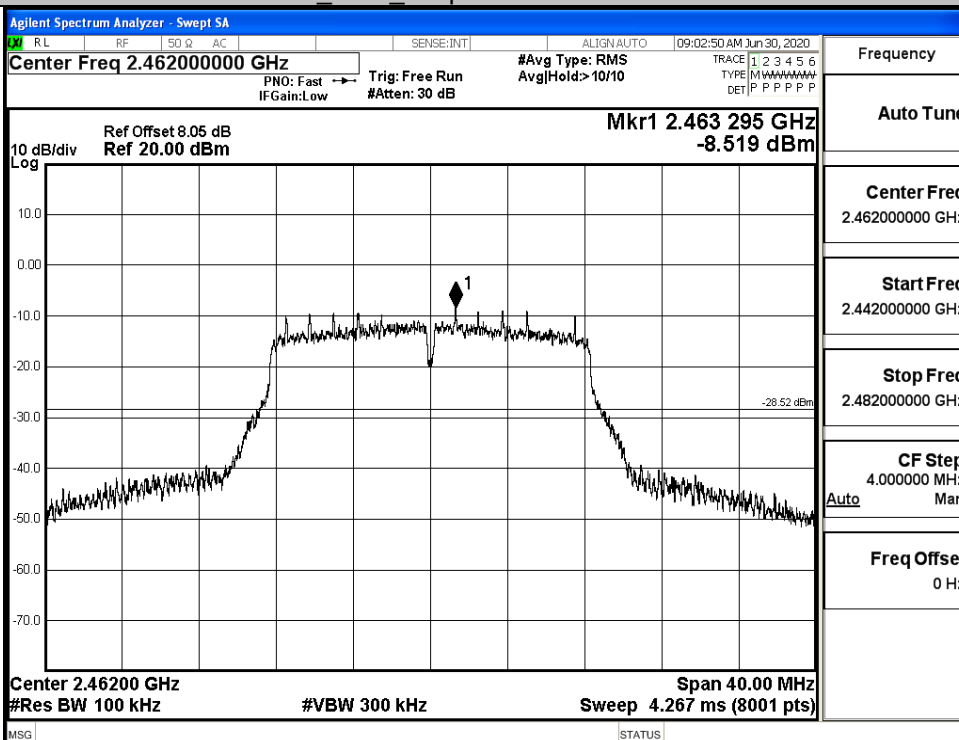


Puw/11G/MCH

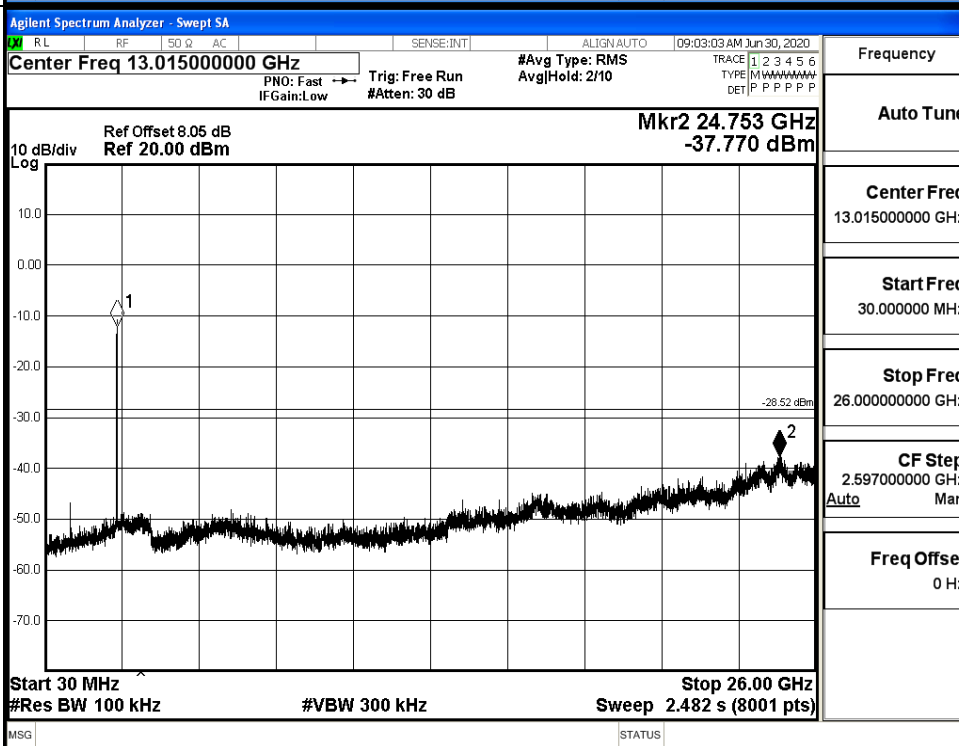


11G HCH Graphs

Pref/11G/HCH

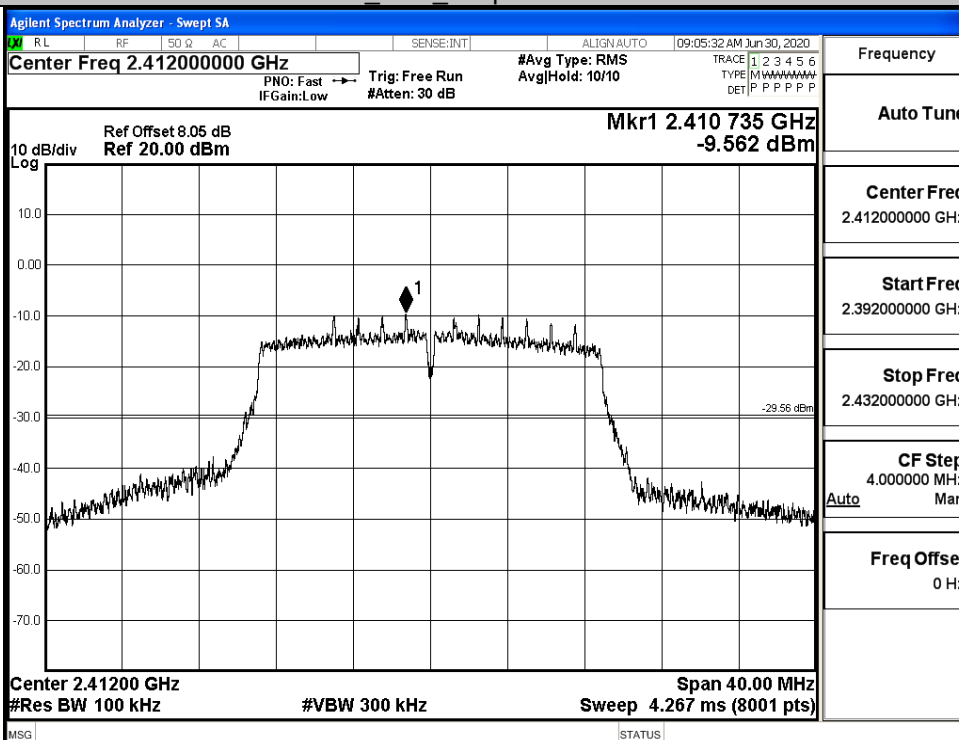


Puw/11G/HCH

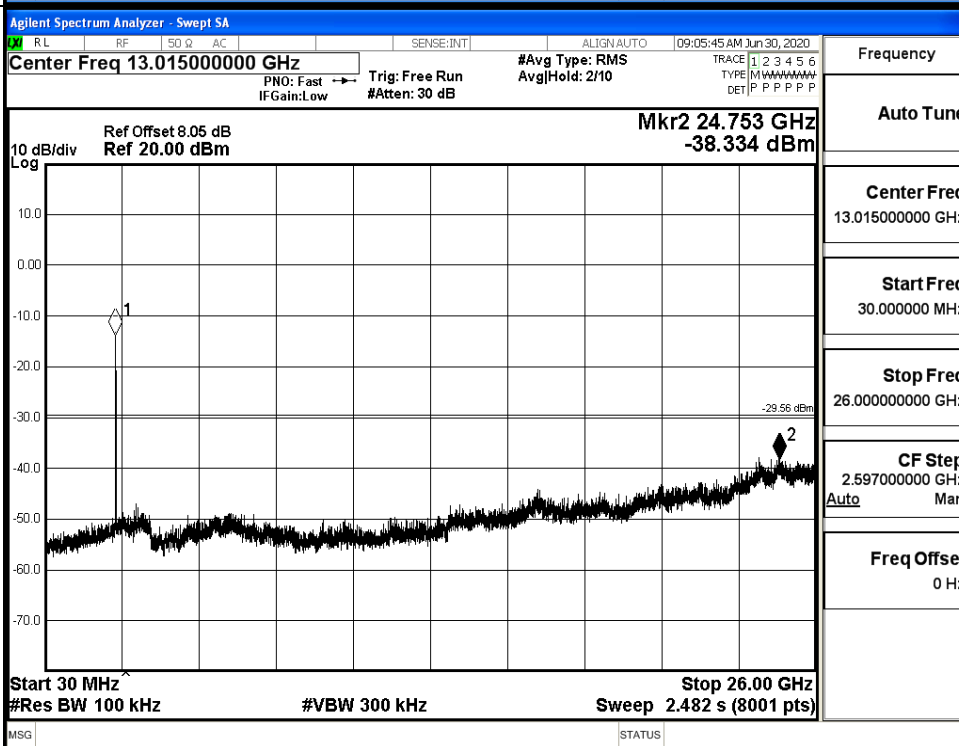


11N20SISO LCH Graphs

Pref/11N20SIS
O/LCH

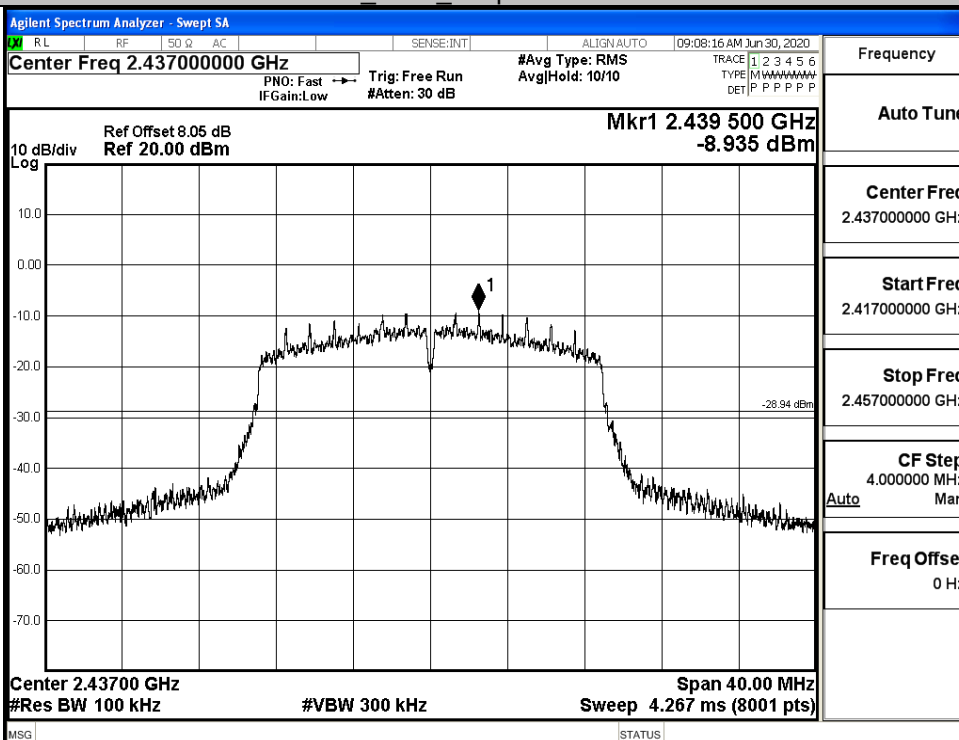


Puw/11N20
SISO/LCH

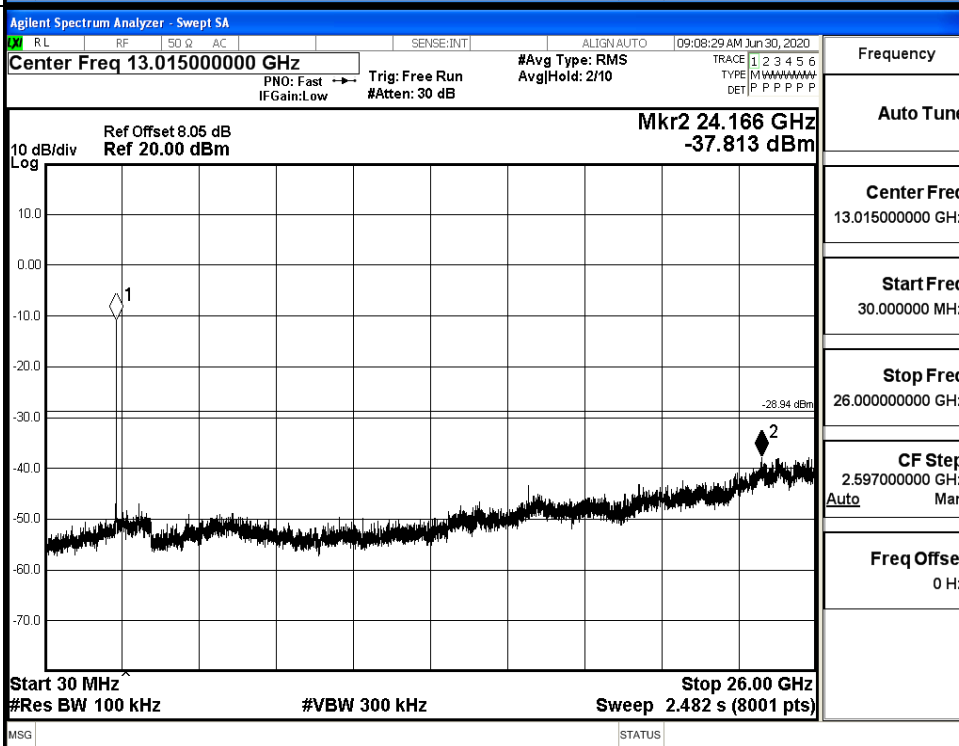


11N20SISO_MCH_Graphs

Pref/11N20
SISO/MCH

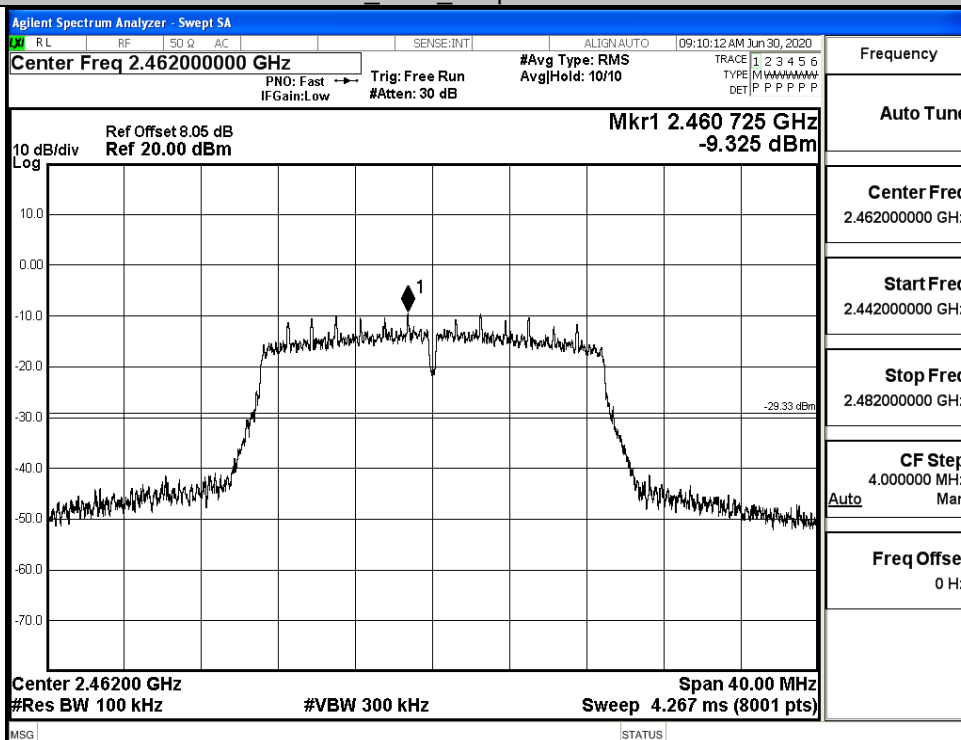


Puw/11N20
SISO/MCH

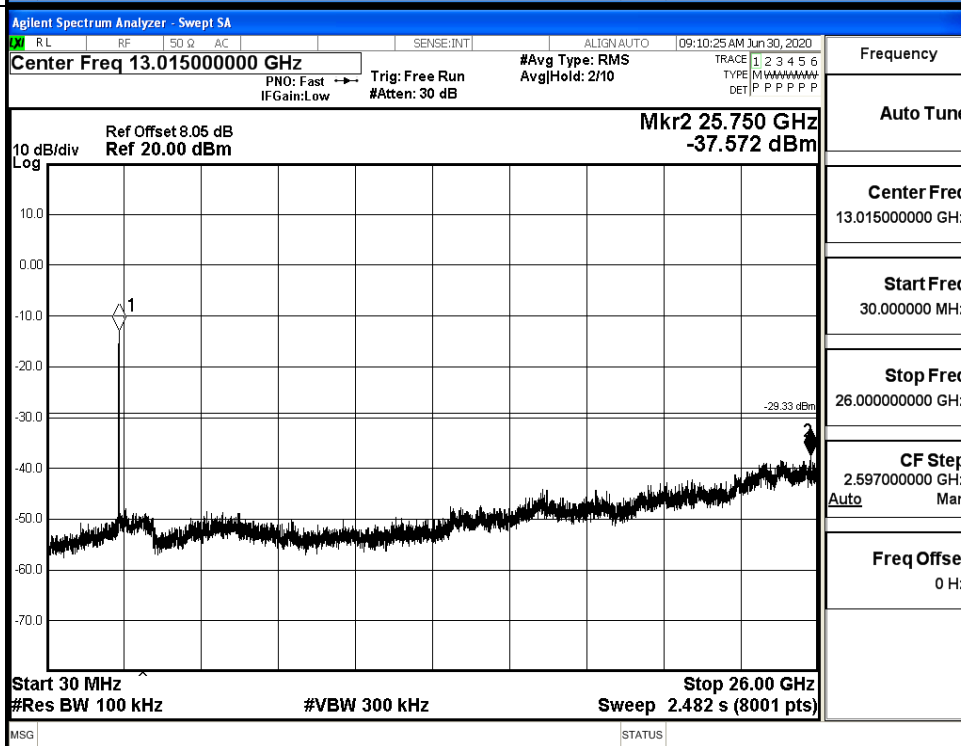


11N20SISO HCH Graphs

Pref/11N20
SISO/HCH

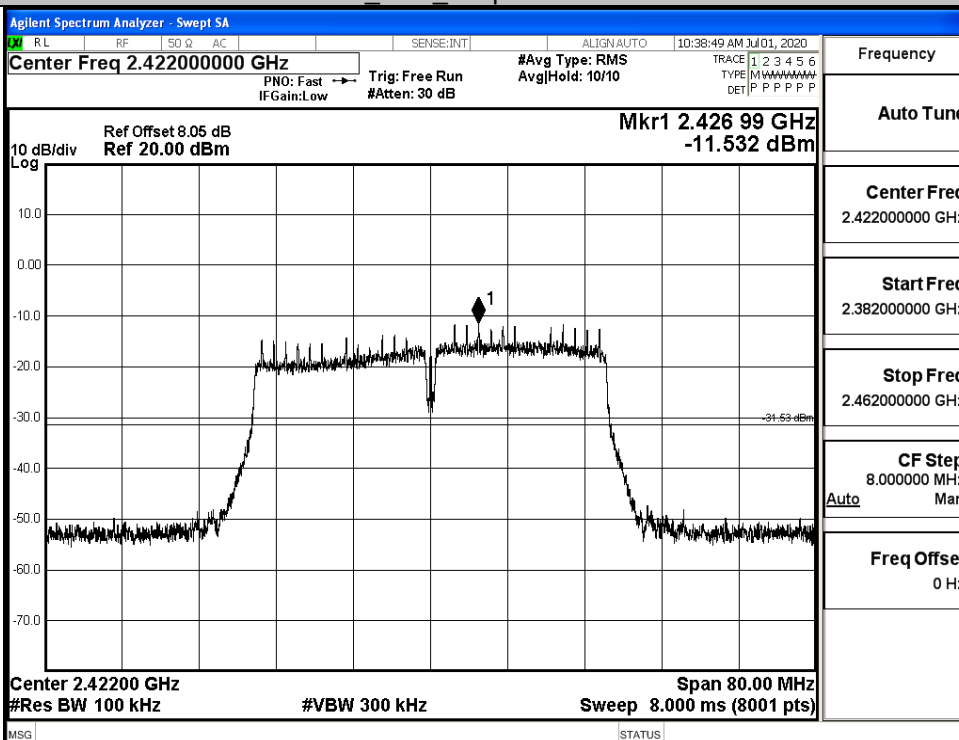


Puw/11N20
SISO/HCH

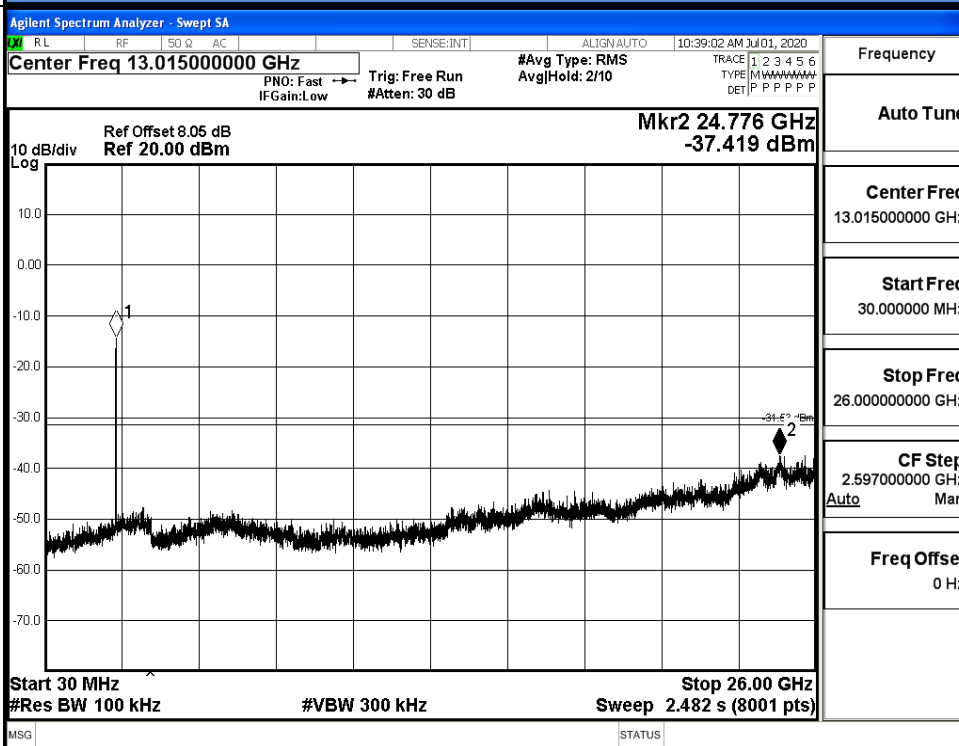


11N40SISO LCH Graphs

Pref/11N40
SISO/LCH

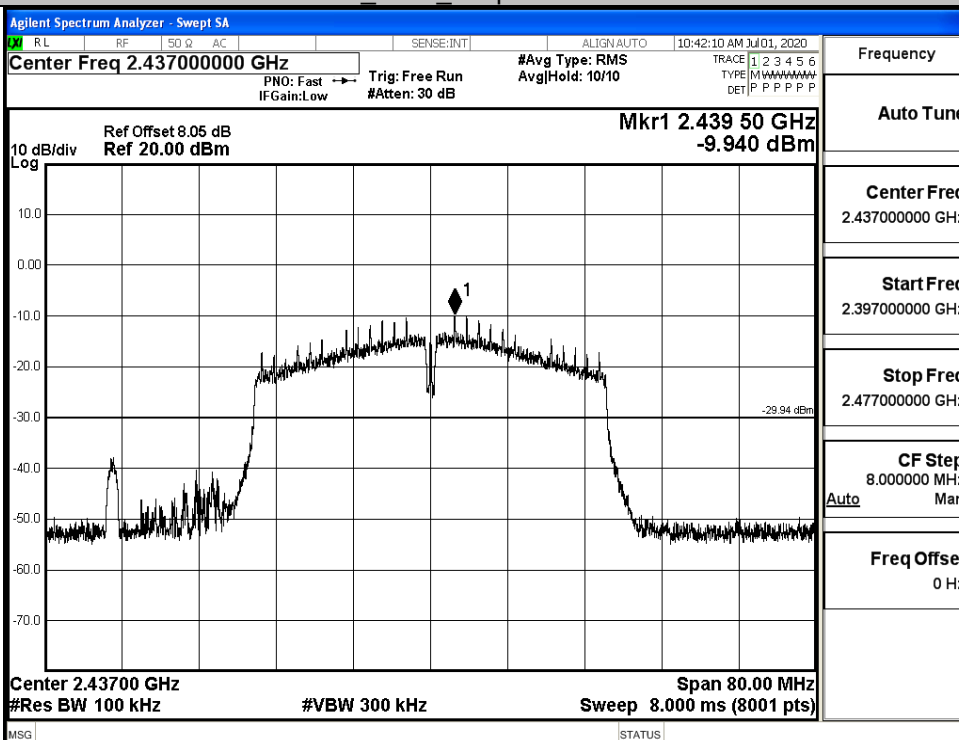


Puw/11N40
SISO/LCH

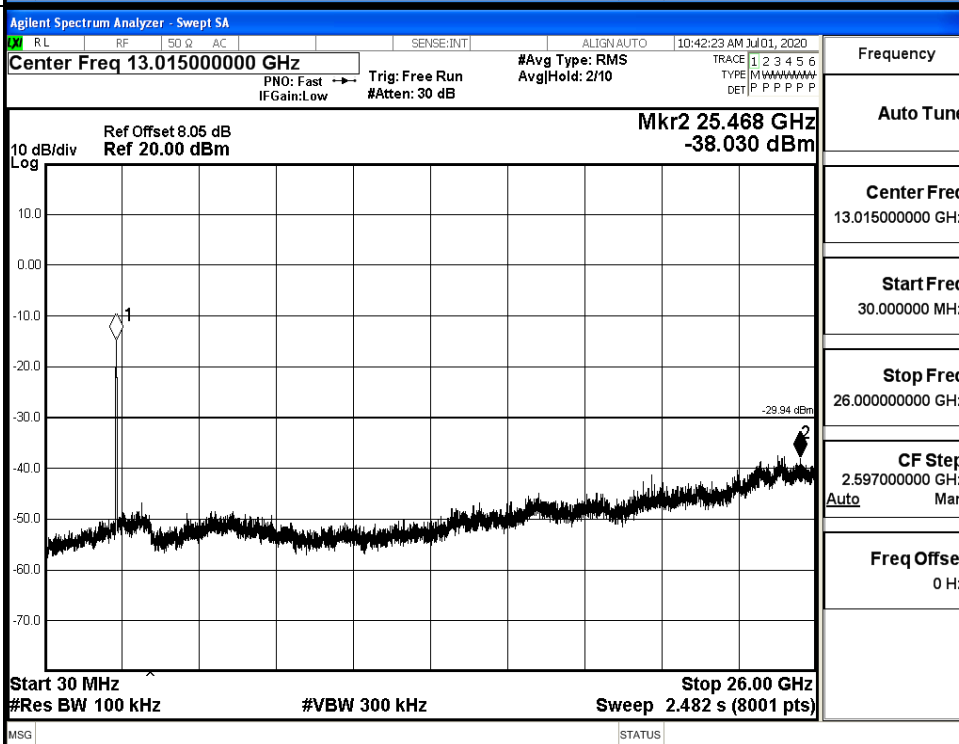


11N40SISO_MCH_Graphs

Pref/11N40
SISO/MCH

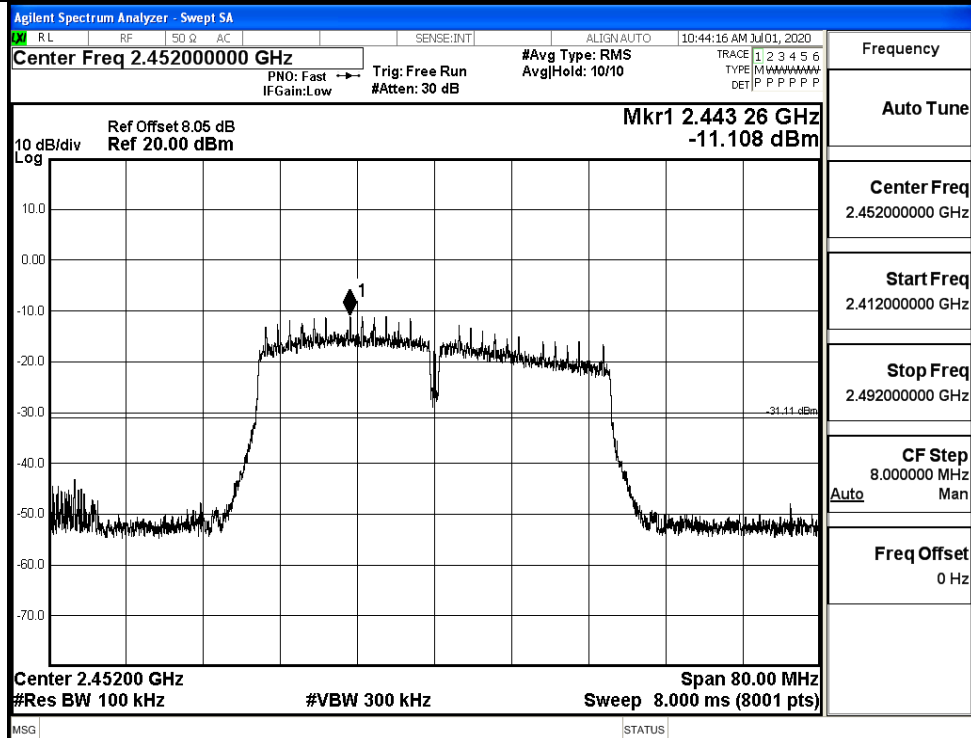


Puw/11N40
SISO/MCH

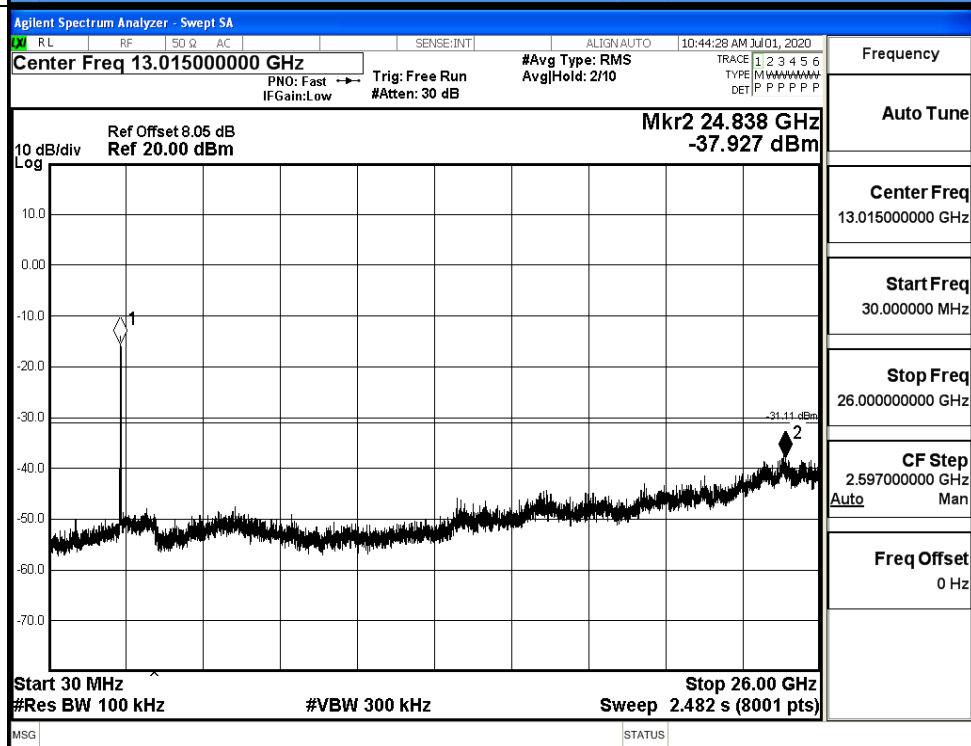


11N40SISO HCH Graphs

Pref/11N40
SISO/HCH



Puw/11N40
SISO/HCH



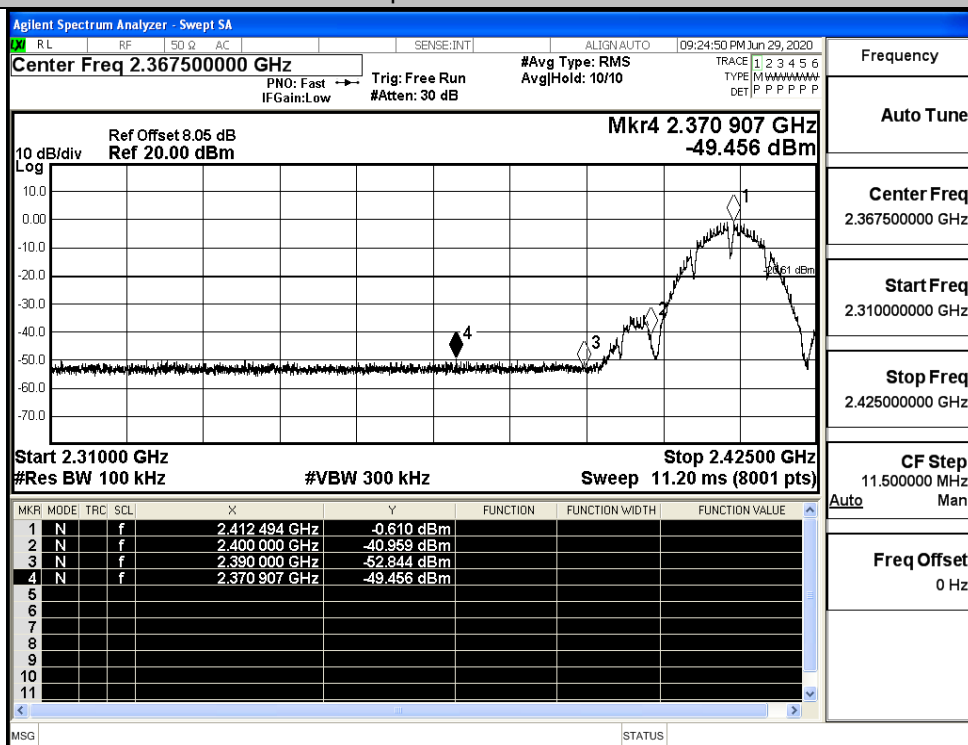
C.6 Band-edge for RF Conducted Emissions

ANT0

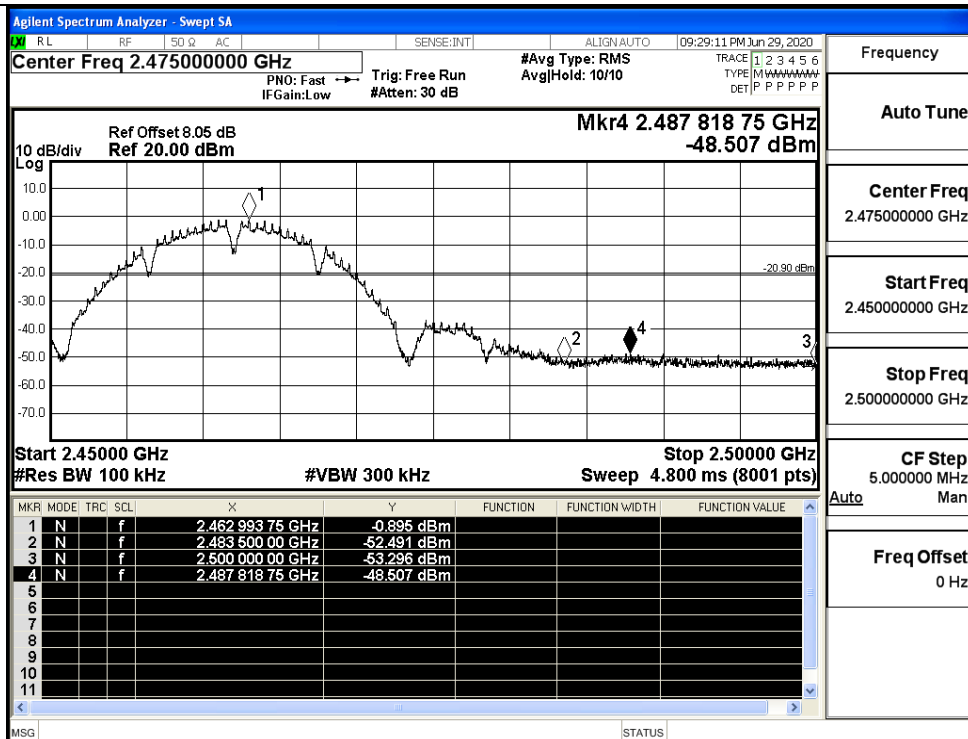
Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
11B	LCH	-0.610	-49.456	-20.61	PASS
	HCH	-0.895	-48.507	-20.9	PASS
11G	LCH	-9.404	-50.141	-29.4	PASS
	HCH	-9.251	-49.823	-29.25	PASS
11N20SISO	LCH	-9.590	-49.086	-29.59	PASS
	HCH	-9.173	-48.169	-29.17	PASS
11N40SISO	LCH	-6.752	-49.567	-26.75	PASS
	HCH	-5.789	-48.199	-25.79	PASS

Test Graphs

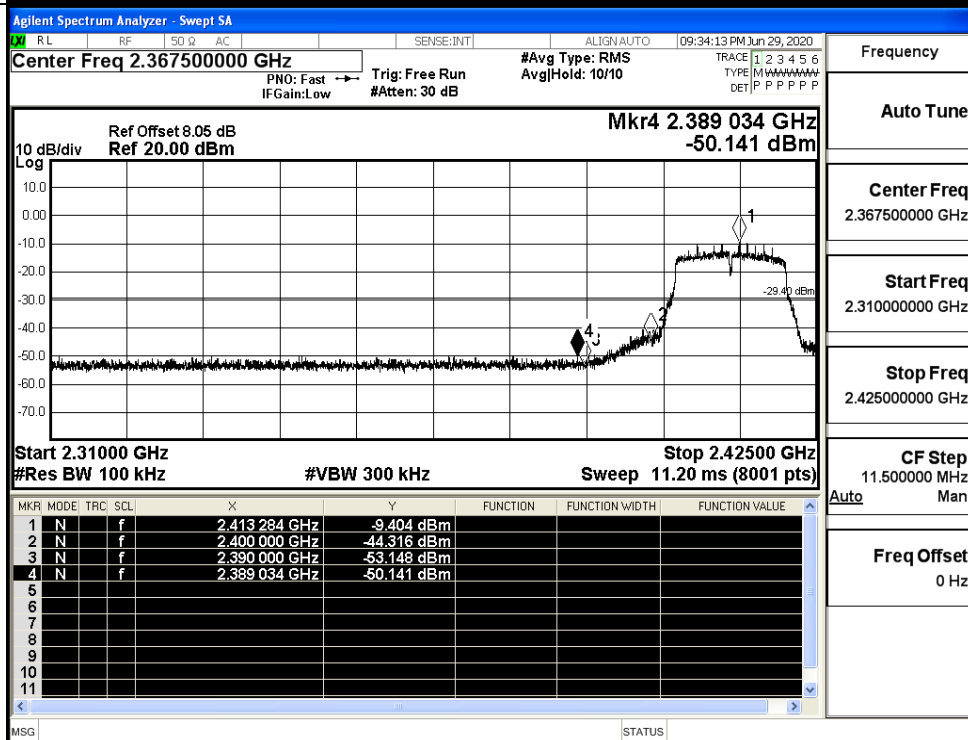
11B/LCH



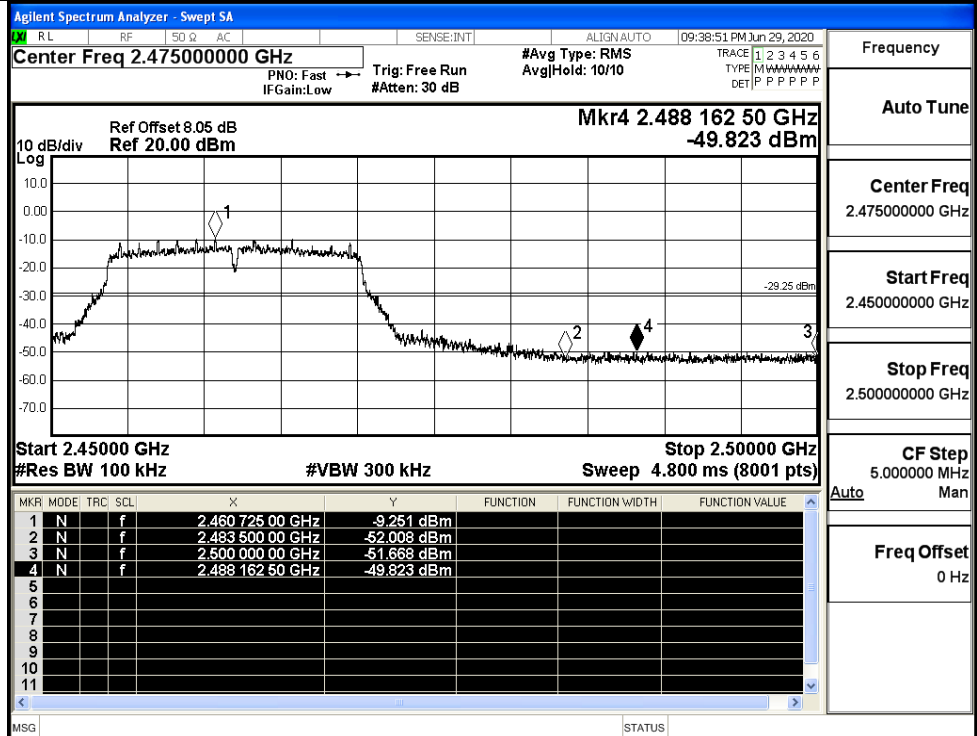
11B/HCH



11G/LCH



11G/HCH



Frequency

Auto Tune

Center Freq

2.475000000 GHz

Start Freq

2.450000000 GHz

Stop Freq

2.500000000 GHz

CF Step

5.000000 MHz

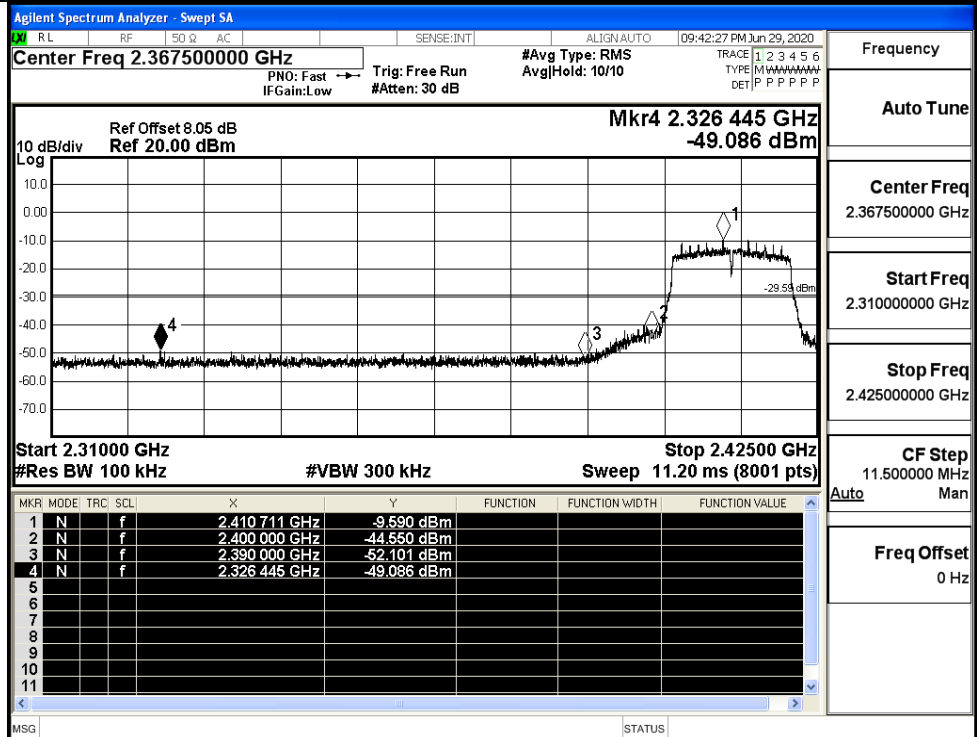
Auto

Man

Freq Offset

0 Hz

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

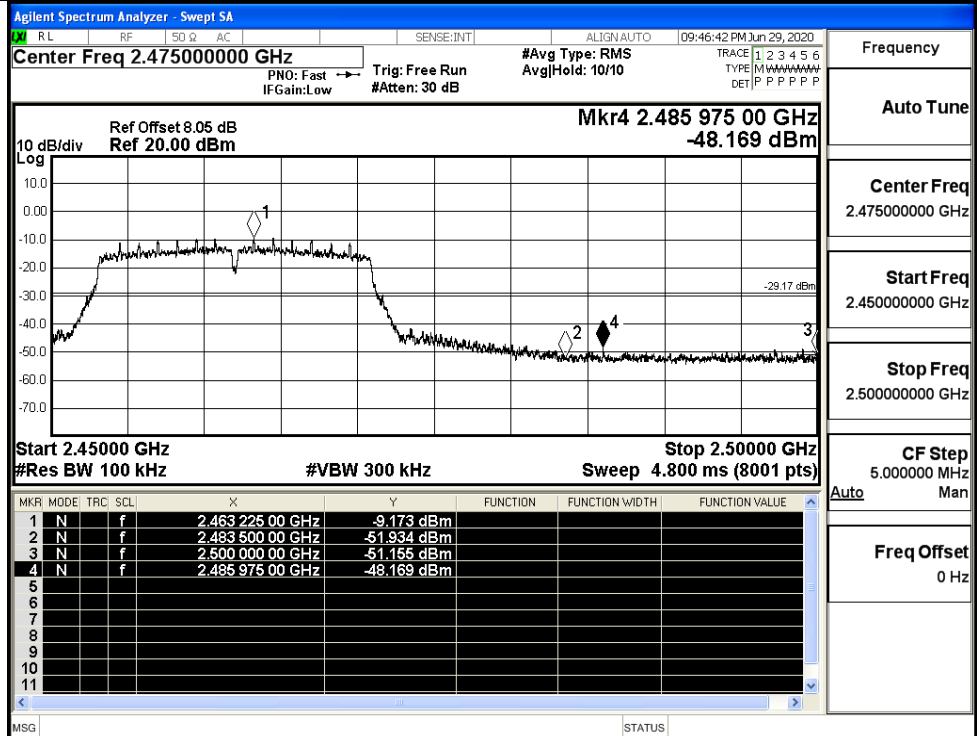
Auto

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

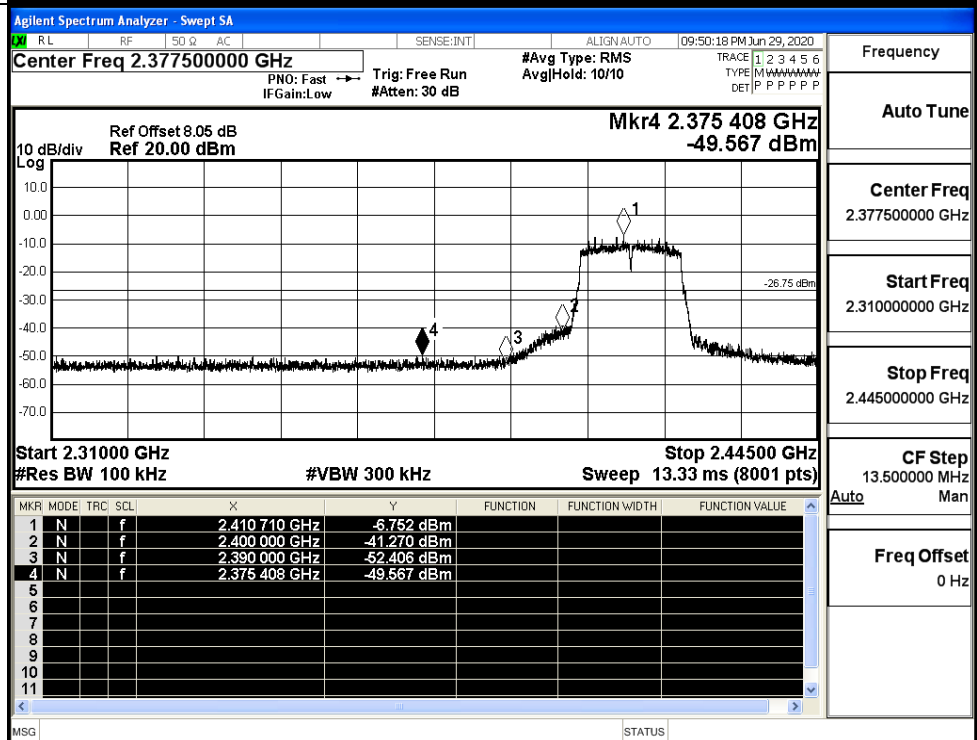
Auto

Man

Freq Offset

0 Hz

11N40SISO/LCH



Frequency

Auto Tune

Center Freq

2.377500000 GHz

Start Freq

2.310000000 GHz

Stop Freq

2.445000000 GHz

CF Step

13.500000 MHz

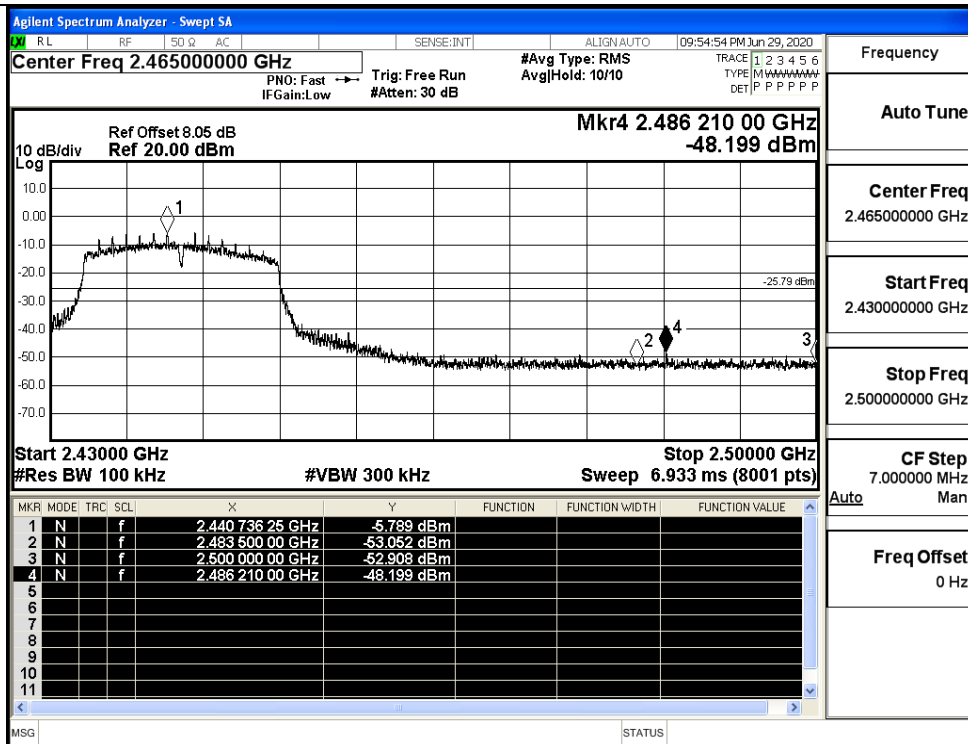
Auto

Man

Freq Offset

0 Hz

11N40SISO/HCH

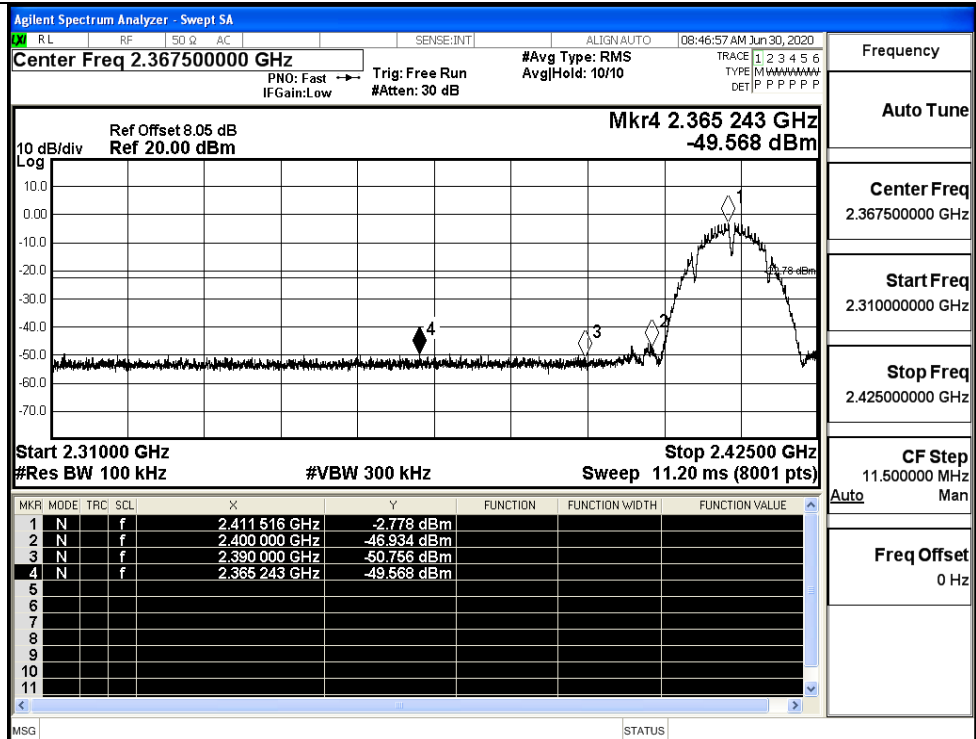


ANT1

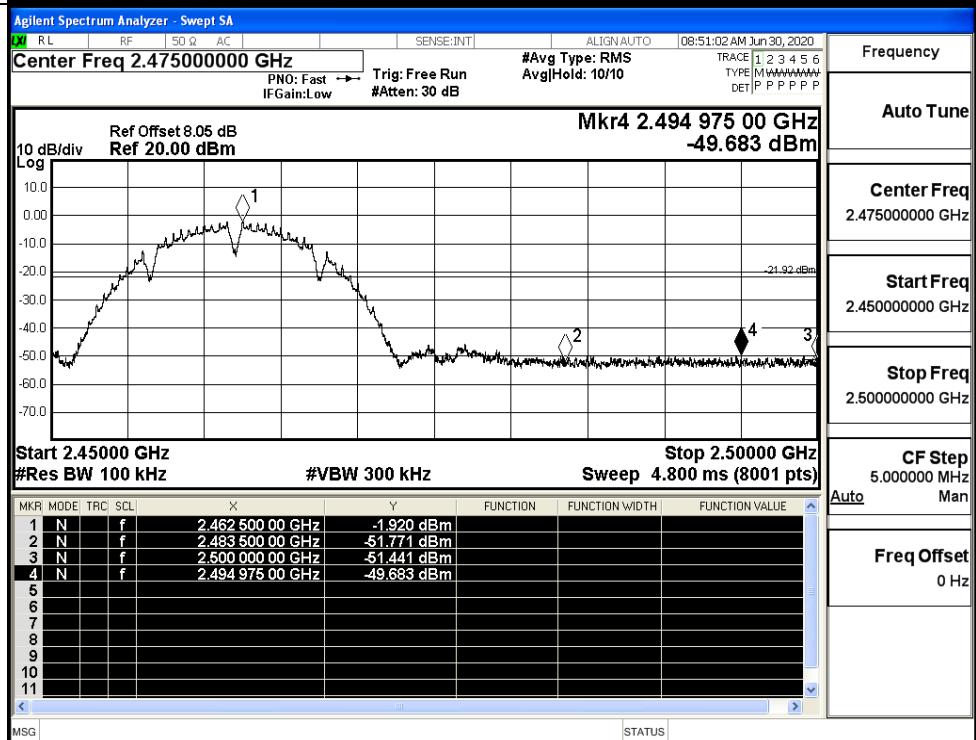
Mode	Channel	Carrier Power[dBm]	Max.Spurious Level [dBm]	Limit [dBm]	Verdict
11B	LCH	-2.778	-49.568	-22.78	PASS
	HCH	-1.920	-49.683	-21.92	PASS
11G	LCH	-8.762	-50.066	-28.76	PASS
	HCH	-7.784	-48.409	-27.78	PASS
11N20SISO	LCH	-10.226	-49.985	-30.23	PASS
	HCH	-9.200	-48.037	-29.2	PASS
11N40SISO	LCH	-11.160	-49.753	-31.16	PASS
	HCH	-10.500	-49.918	-30.5	PASS

Test Graphs

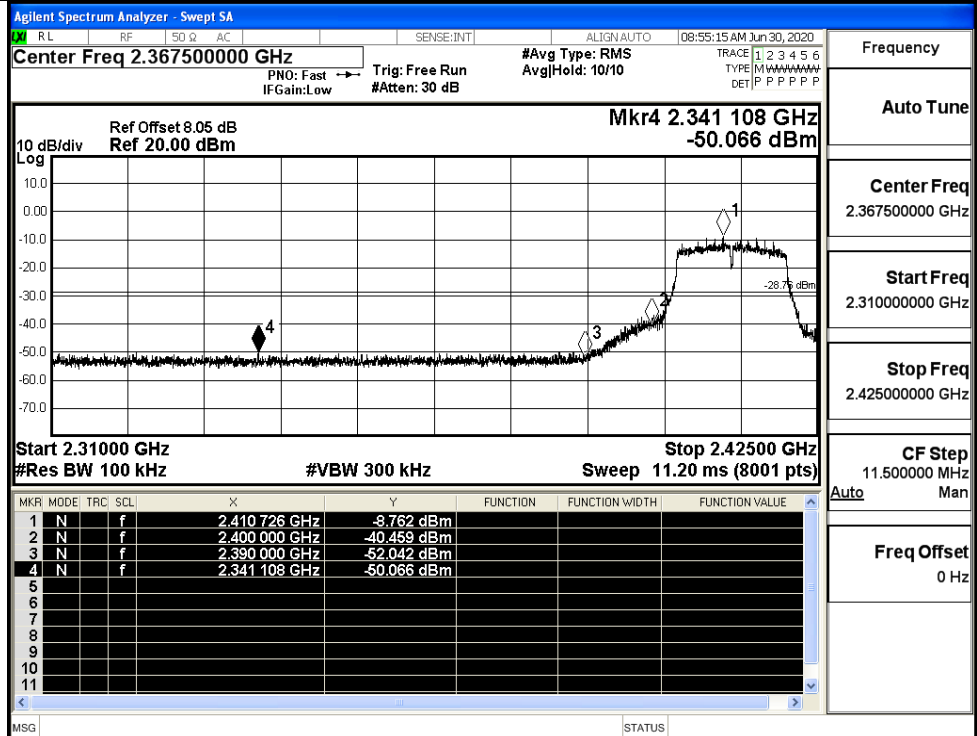
11B/LCH



11B/HCH



11G/LCH



Frequency

Auto Tune

Center Freq

2.367500000 GHz

Start Freq

2.310000000 GHz

Stop Freq

2.425000000 GHz

CF Step

11.500000 MHz

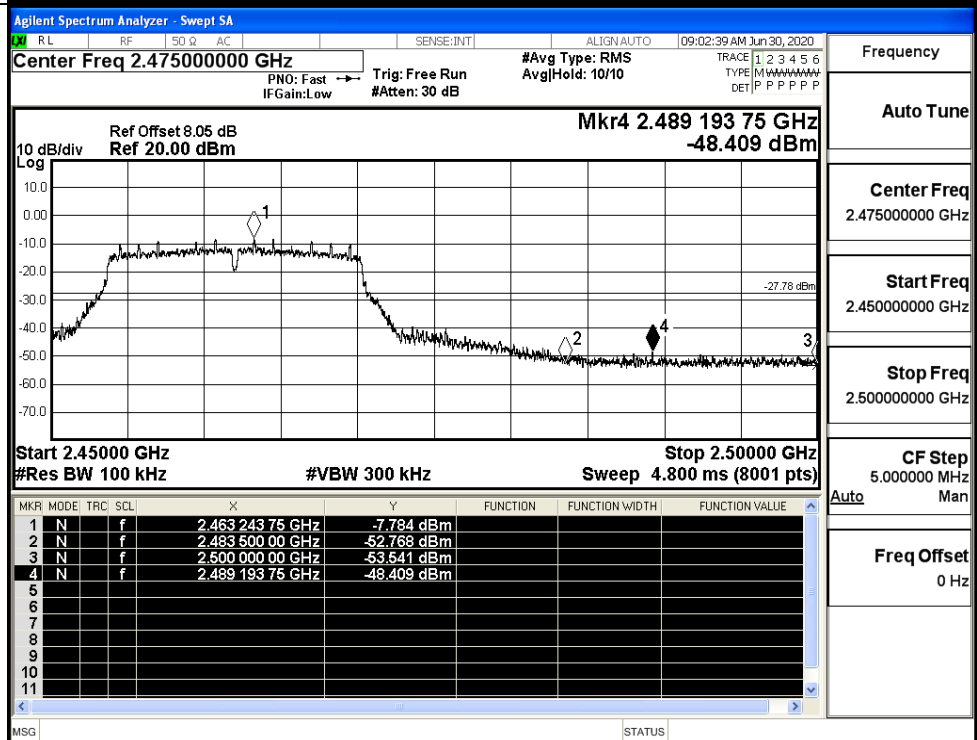
Auto

Man

Freq Offset

0 Hz

11G/HCH



Frequency

Auto Tune

Center Freq

2.475000000 GHz

Start Freq

2.450000000 GHz

Stop Freq

2.500000000 GHz

CF Step

5.000000 MHz

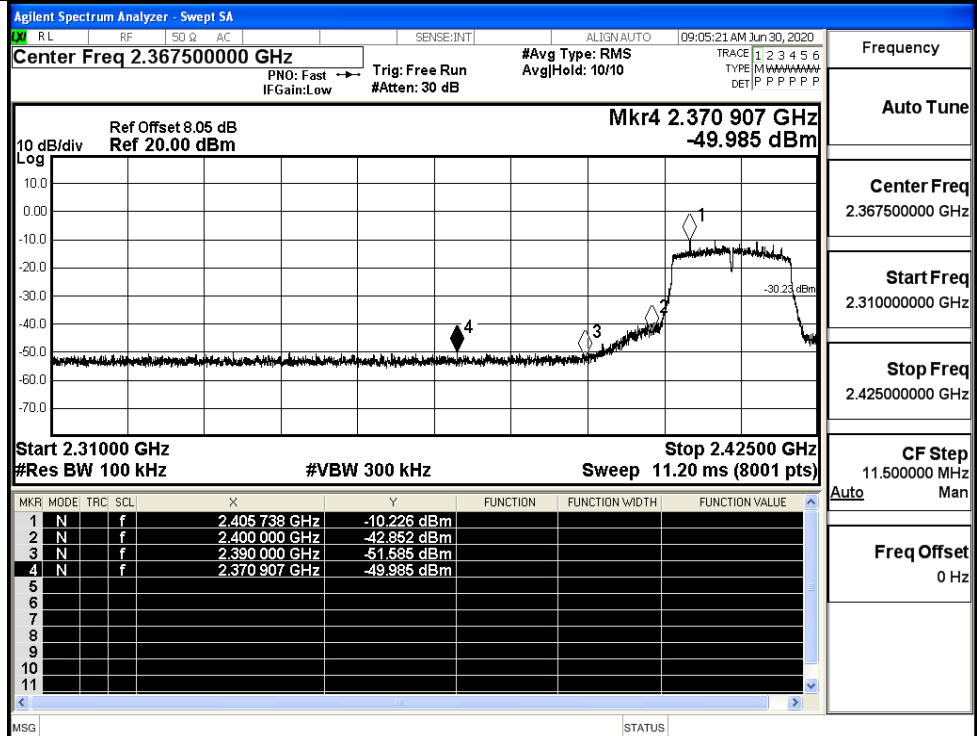
Auto

Man

Freq Offset

0 Hz

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

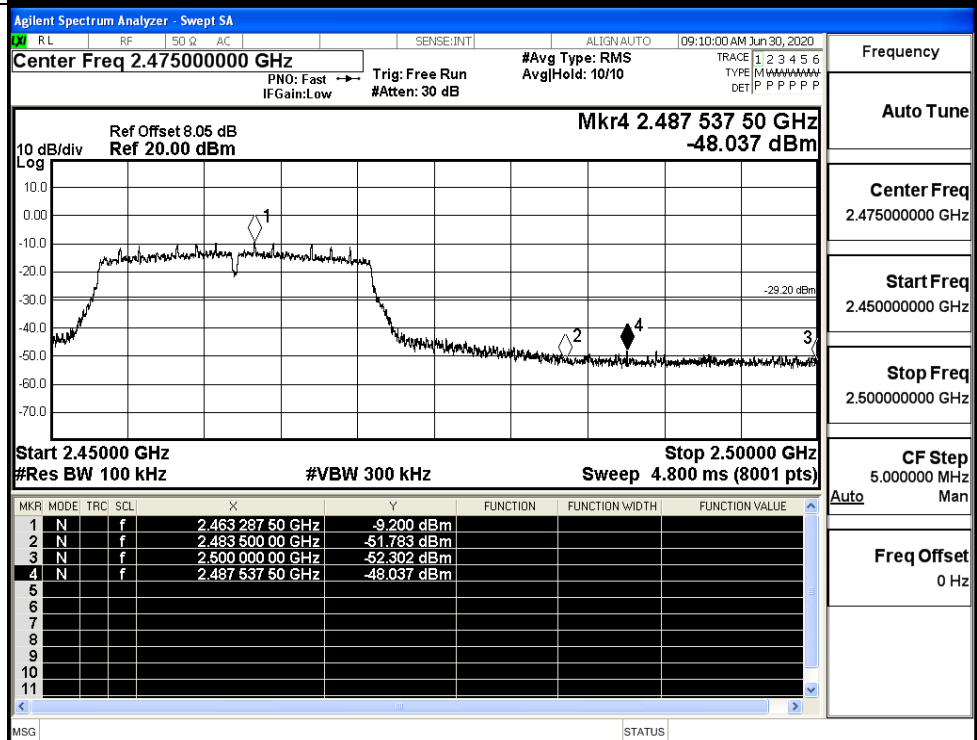
Auto

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

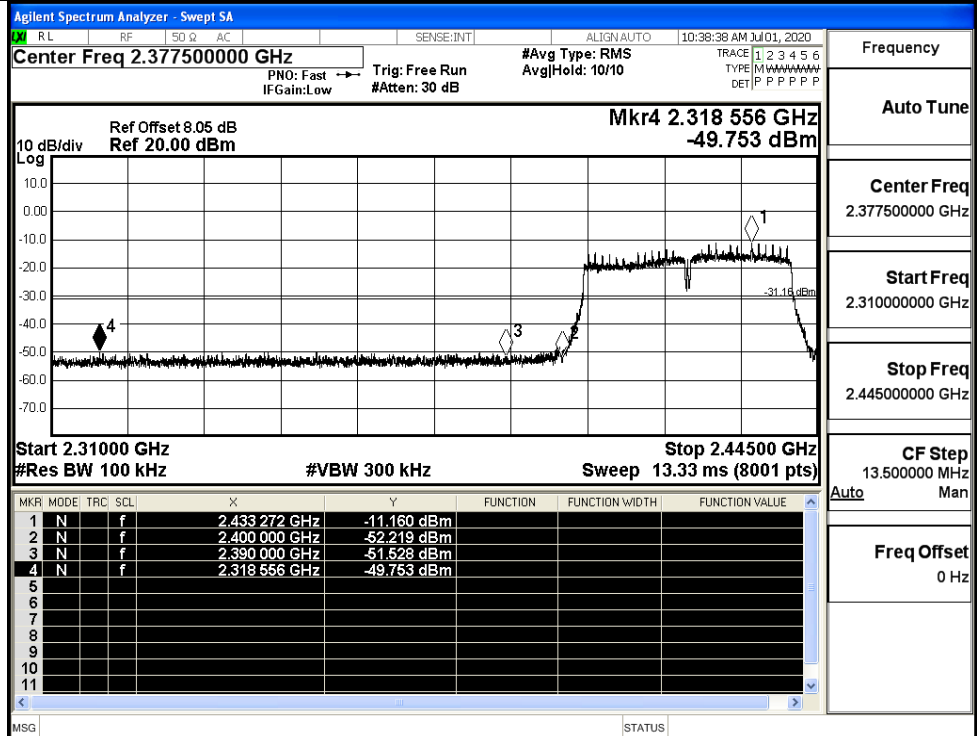
Auto

Man

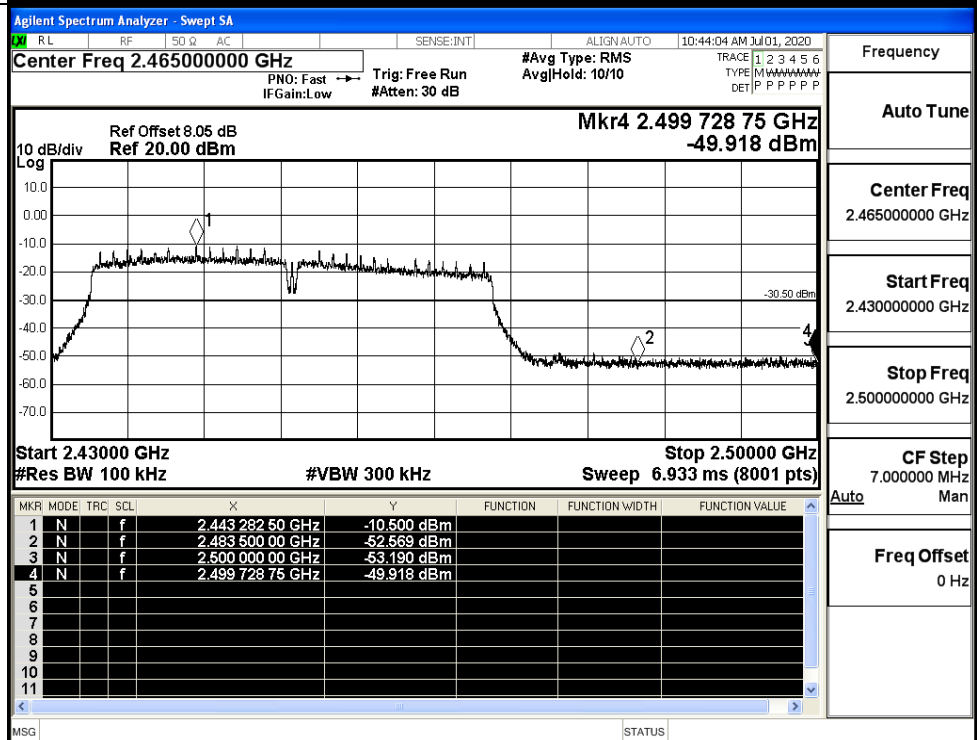
Freq Offset

0 Hz

11N40SISO/LCH



11N40SISO/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	Ant1	2310.0	-43.44	2.0	0	53.79	PEAK	74	PASS
	2412	Ant1	2310.0	-53.48	2.0	0	43.75	AV	54	PASS
	2412	Ant1	2390.0	-42.56	2.0	0	54.67	PEAK	74	PASS
	2412	Ant1	2390.0	-52.96	2.0	0	44.27	AV	54	PASS
	2462	Ant1	2483.5	-41.55	2.0	0	55.68	PEAK	74	PASS
	2462	Ant1	2483.5	-52.05	2.0	0	45.18	AV	54	PASS
	2462	Ant1	2500.0	-42.00	2.0	0	55.23	PEAK	74	PASS
	2462	Ant1	2500.0	-52.53	2.0	0	44.70	AV	54	PASS
11G	2412	Ant1	2310.0	-42.51	2.0	0	54.72	PEAK	74	PASS
	2412	Ant1	2310.0	-53.55	2.0	0	43.68	AV	54	PASS
	2412	Ant1	2390.0	-42.21	2.0	0	55.02	PEAK	74	PASS
	2412	Ant1	2390.0	-52.84	2.0	0	44.39	AV	54	PASS
	2462	Ant1	2483.5	-41.65	2.0	0	55.58	PEAK	74	PASS
	2462	Ant1	2483.5	-52.15	2.0	0	45.08	AV	54	PASS
	2462	Ant1	2500.0	-40.79	2.0	0	56.44	PEAK	74	PASS
	2462	Ant1	2500.0	-52.55	2.0	0	44.68	AV	54	PASS
11N20 SISO	2412	Ant1	2310.0	-42.27	2.0	0	54.96	PEAK	74	PASS
	2412	Ant1	2310.0	-53.50	2.0	0	43.73	AV	54	PASS
	2412	Ant1	2390.0	-41.01	2.0	0	56.22	PEAK	74	PASS
	2412	Ant1	2390.0	-52.58	2.0	0	44.65	AV	54	PASS
	2462	Ant1	2483.5	-41.53	2.0	0	55.70	PEAK	74	PASS
	2462	Ant1	2483.5	-51.98	2.0	0	45.25	AV	54	PASS
	2462	Ant1	2500.0	-42.23	2.0	0	55.00	PEAK	74	PASS
	2462	Ant1	2500.0	-52.50	2.0	0	44.73	AV	54	PASS
11N40 SISO	2422	Ant1	2310.0	-41.67	2.0	0	55.56	PEAK	74	PASS
	2422	Ant1	2310.0	-53.51	2.0	0	43.72	AV	54	PASS

	2422	Ant1	2390.0	-38.81	2.0	0	58.42	PEAK	74	PASS
	2422	Ant1	2390.0	-52.27	2.0	0	44.96	AV	54	PASS
	2452	Ant1	2483.5	-43.00	2.0	0	54.23	PEAK	74	PASS
	2452	Ant1	2483.5	-52.52	2.0	0	44.71	AV	54	PASS
	2452	Ant1	2500.0	-41.54	2.0	0	55.69	PEAK	74	PASS
	2452	Ant1	2500.0	-52.53	2.0	0	44.70	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	-41.71	2.0	0	55.52	PEAK	74	PASS
	2412	Ant1	2310.0	-53.60	2.0	0	43.63	AV	54	PASS
	2412	Ant1	2390.0	-43.86	2.0	0	53.37	PEAK	74	PASS
	2412	Ant1	2390.0	-53.21	2.0	0	44.02	AV	54	PASS
	2462	Ant1	2483.5	-41.66	2.0	0	55.57	PEAK	74	PASS
	2462	Ant1	2483.5	-52.65	2.0	0	44.58	AV	54	PASS
	2462	Ant1	2500.0	-42.98	2.0	0	54.25	PEAK	74	PASS
	2462	Ant1	2500.0	-52.57	2.0	0	44.66	AV	54	PASS
11G	2412	Ant1	2310.0	-42.27	2.0	0	54.96	PEAK	74	PASS
	2412	Ant1	2310.0	-53.50	2.0	0	43.73	AV	54	PASS
	2412	Ant1	2390.0	-37.07	2.0	0	60.16	PEAK	74	PASS
	2412	Ant1	2390.0	-52.30	2.0	0	44.93	AV	54	PASS
	2462	Ant1	2483.5	-40.98	2.0	0	56.25	PEAK	74	PASS
	2462	Ant1	2483.5	-51.55	2.0	0	45.68	AV	54	PASS
	2462	Ant1	2500.0	-40.66	2.0	0	56.57	PEAK	74	PASS
	2462	Ant1	2500.0	-52.53	2.0	0	44.70	AV	54	PASS
11N20 SISO	2412	Ant1	2310.0	-43.51	2.0	0	53.72	PEAK	74	PASS
	2412	Ant1	2310.0	-53.49	2.0	0	43.74	AV	54	PASS
	2412	Ant1	2390.0	-38.00	2.0	0	59.23	PEAK	74	PASS
	2412	Ant1	2390.0	-52.39	2.0	0	44.84	AV	54	PASS
	2462	Ant1	2483.5	-41.24	2.0	0	55.99	PEAK	74	PASS

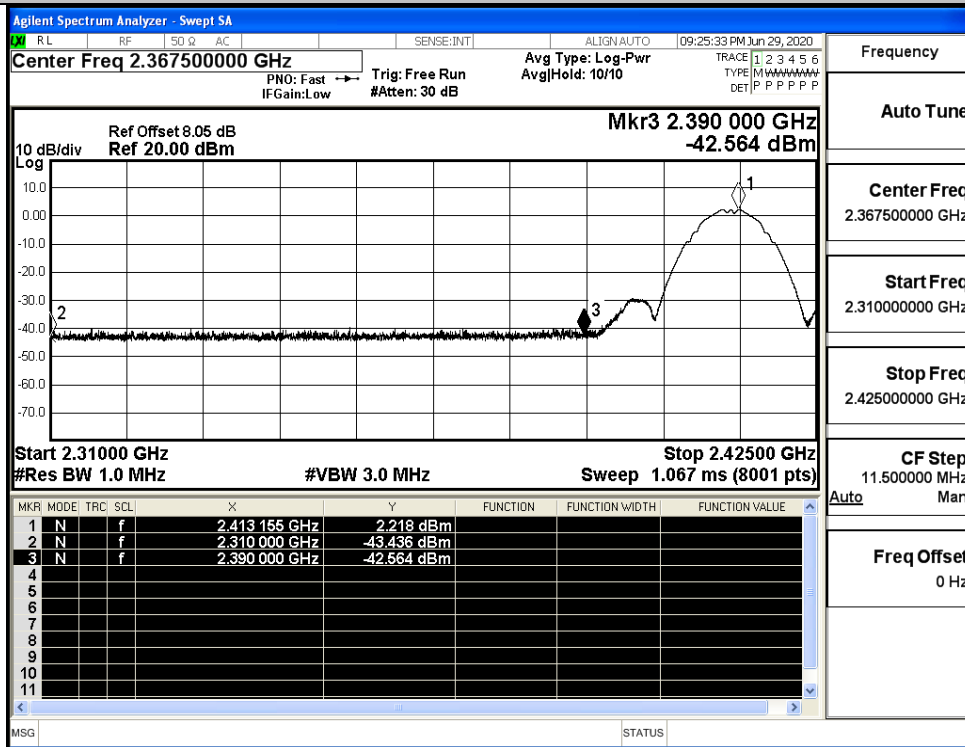
	2462	Ant1	2483.5	-51.75	2.0	0	45.48	AV	54	PASS
	2462	Ant1	2500.0	-41.95	2.0	0	55.28	PEAK	74	PASS
	2462	Ant1	2500.0	-52.53	2.0	0	44.70	AV	54	PASS
11N40 SISO	2422	Ant1	2310.0	-41.94	2.0	0	55.29	PEAK	74	PASS
	2422	Ant1	2310.0	-53.45	2.0	0	43.78	AV	54	PASS
	2422	Ant1	2390.0	-41.84	2.0	0	55.39	PEAK	74	PASS
	2422	Ant1	2390.0	-53.09	2.0	0	44.14	AV	54	PASS
	2452	Ant1	2483.5	-41.55	2.0	0	55.68	PEAK	74	PASS
	2452	Ant1	2483.5	-52.47	2.0	0	44.76	AV	54	PASS
	2452	Ant1	2500.0	-42.60	2.0	0	54.63	PEAK	74	PASS
	2452	Ant1	2500.0	-52.50	2.0	0	44.73	AV	54	PASS

Combined Ant_0 and Ant_1

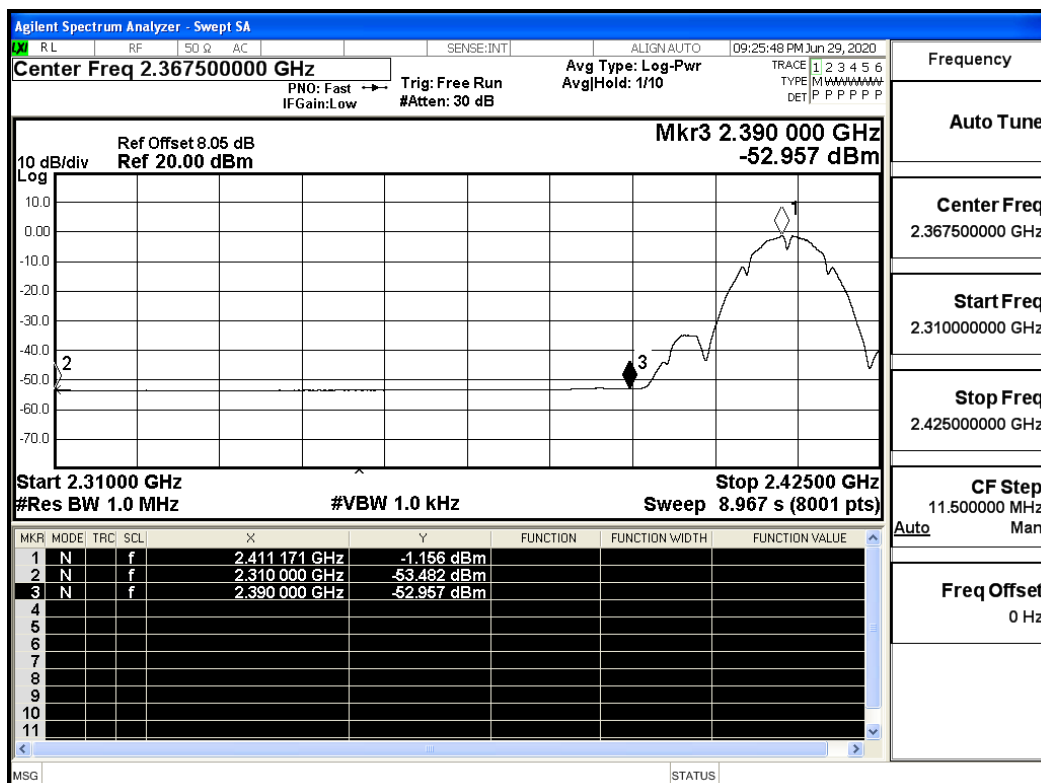
Test Mode	Frequency (MHz)	Covert Radiated E Level At 3m (dBuV/m)			Antenna Gain (dBi)	Ground Factor	E [dBuV/m]	Detector	Limit (dBuV/m)
		Ant0	Ant1	Sum					
11N20 MIMO	2412	-42.27	-43.51	-39.84	3.01	0	58.40	Peak	74
	2412	-53.50	-53.49	-50.48	3.01	0	47.76	Average	54
	2412	-41.01	-38.00	-36.24	3.01	0	62.00	Peak	74
	2412	-52.58	-52.39	-49.47	3.01	0	48.77	Average	54
	2462	-41.53	-41.24	-38.37	3.01	0	59.87	Peak	74
	2462	-51.98	-51.75	-48.85	3.01	0	49.39	Average	54
	2462	-42.23	-41.95	-39.08	3.01	0	59.16	Peak	74
	2462	-52.50	-52.53	-49.50	3.01	0	48.74	Average	54
11N40 MIMO	2422	-41.67	-41.94	-38.79	3.01	0	59.45	Peak	74
	2422	-53.51	-53.45	-50.47	3.01	0	47.77	Average	54
	2422	-38.81	-41.84	-37.06	3.01	0	61.18	Peak	74
	2422	-52.27	-53.09	-49.65	3.01	0	48.59	Average	54
	2452	-43.00	-41.55	-39.20	3.01	0	59.04	Peak	74
	2452	-52.52	-52.47	-49.48	3.01	0	48.76	Average	54
	2452	-41.54	-42.60	-39.03	3.01	0	59.21	Peak	74
	2452	-52.53	-52.50	-49.50	3.01	0	48.74	Average	54

ANT0

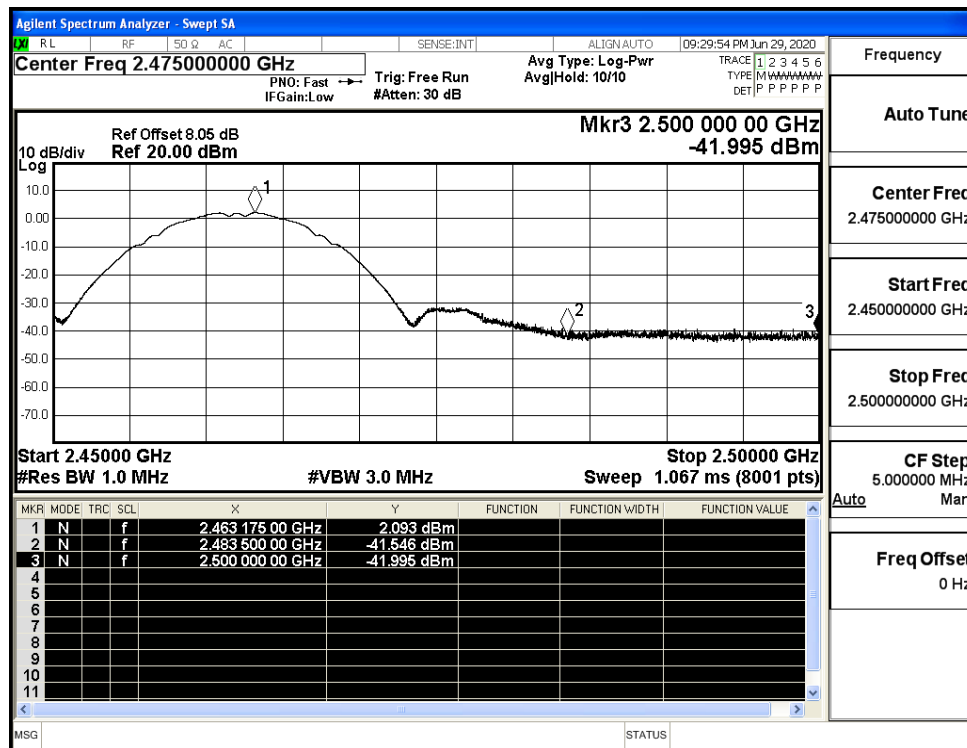
Restrict-band band-edge measurements_11B_2412_Ant0_PEAK



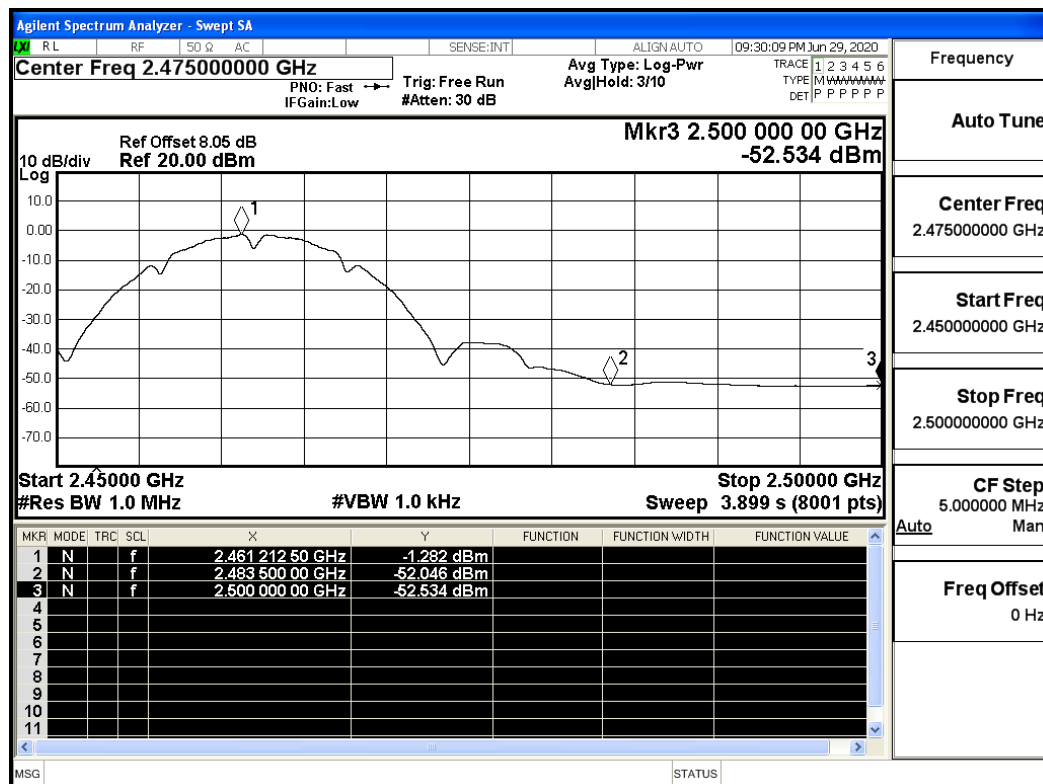
Restrict-band band-edge measurements_11B_2412_Ant0_AV



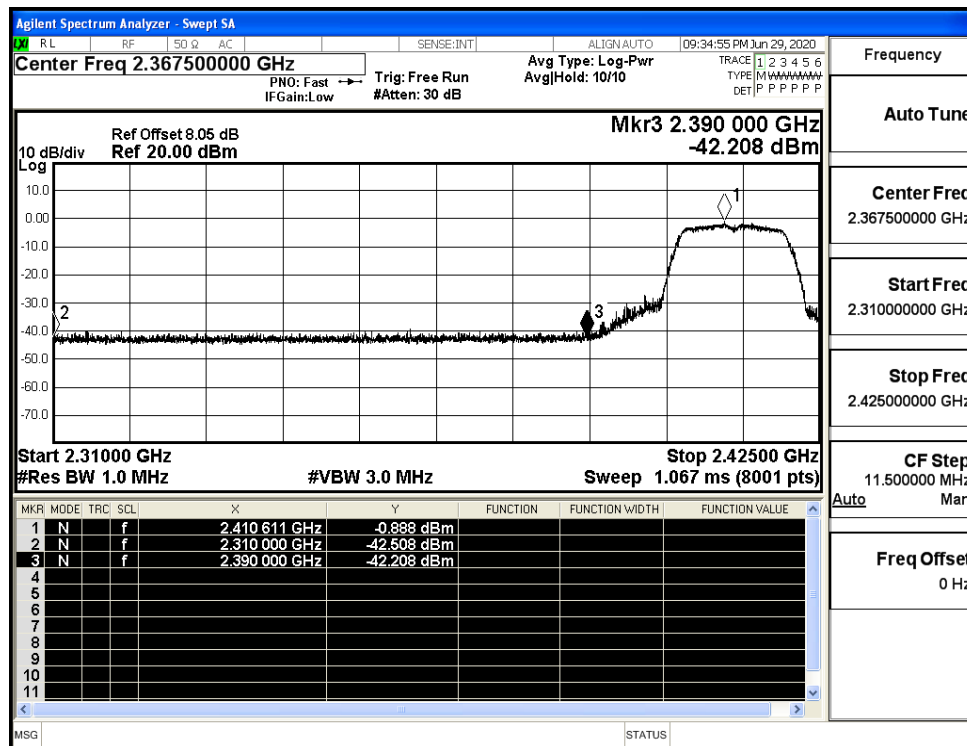
Restrict-band band-edge measurements_11B_2462_Ant0_PEAK



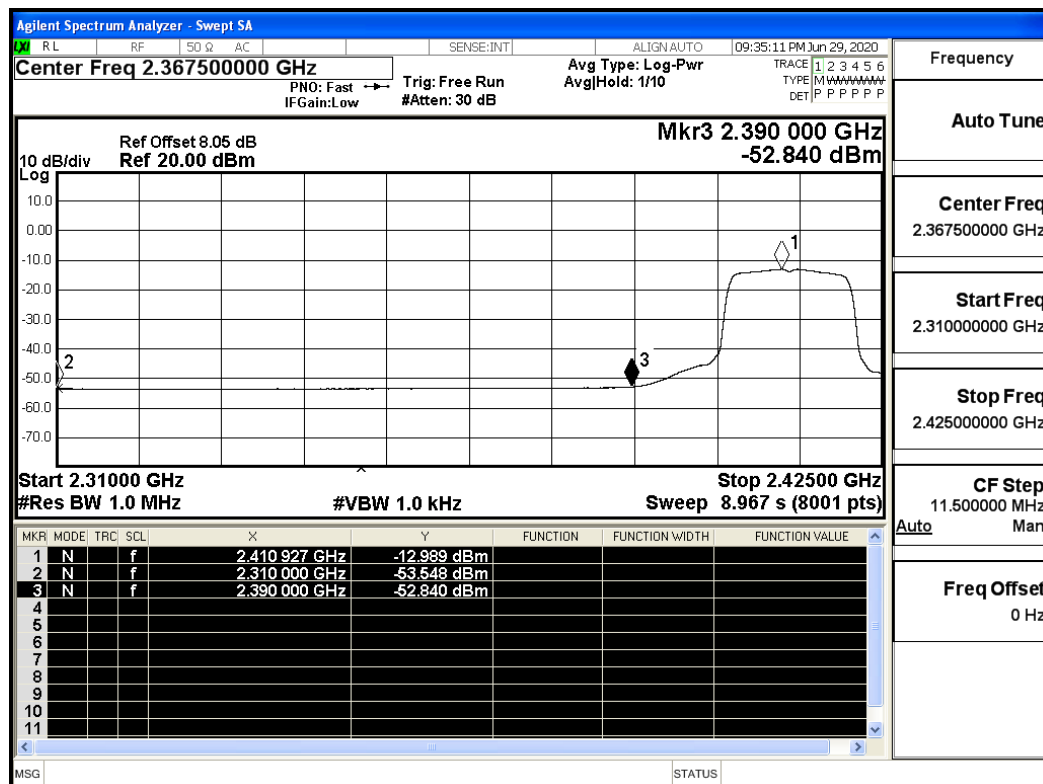
Restrict-band band-edge measurements_11B_2462_Ant0_AV



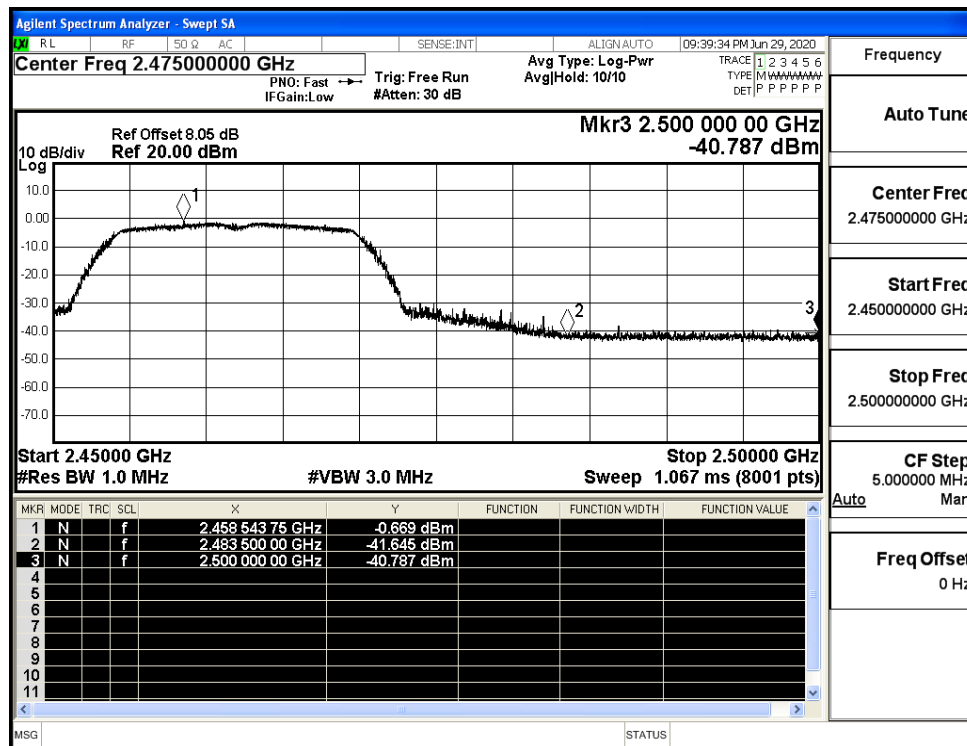
Restrict-band band-edge measurements_11G_2412_Ant0_PEAK



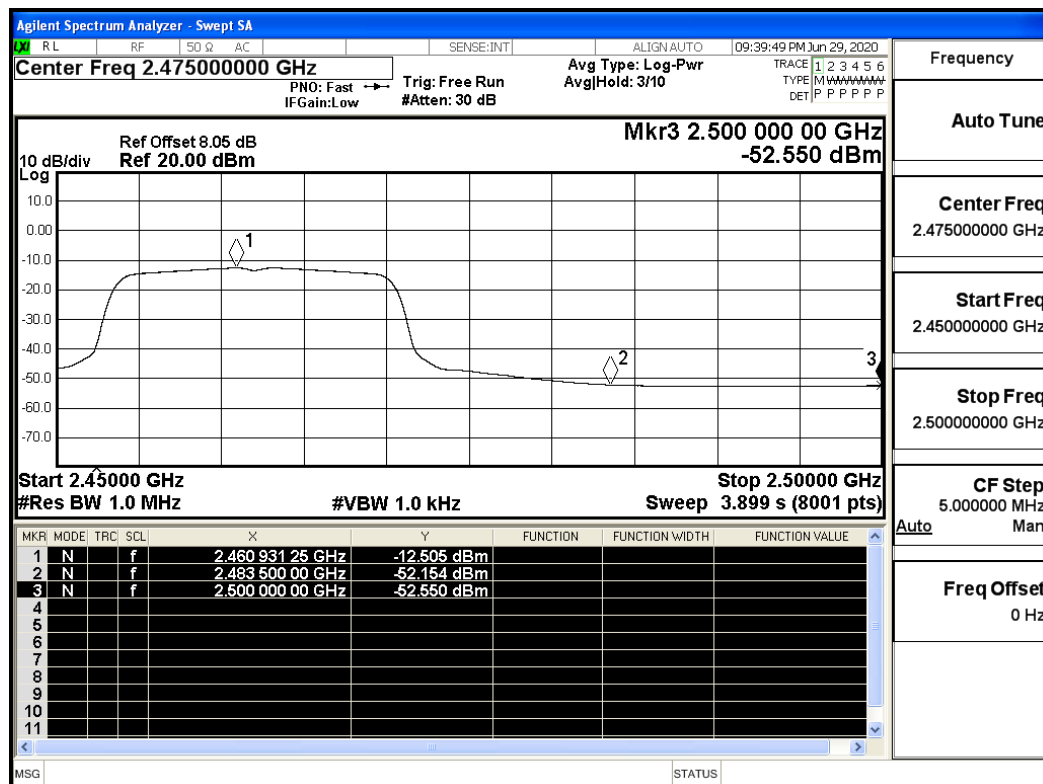
Restrict-band band-edge measurements_11G_2412_Ant0_AV



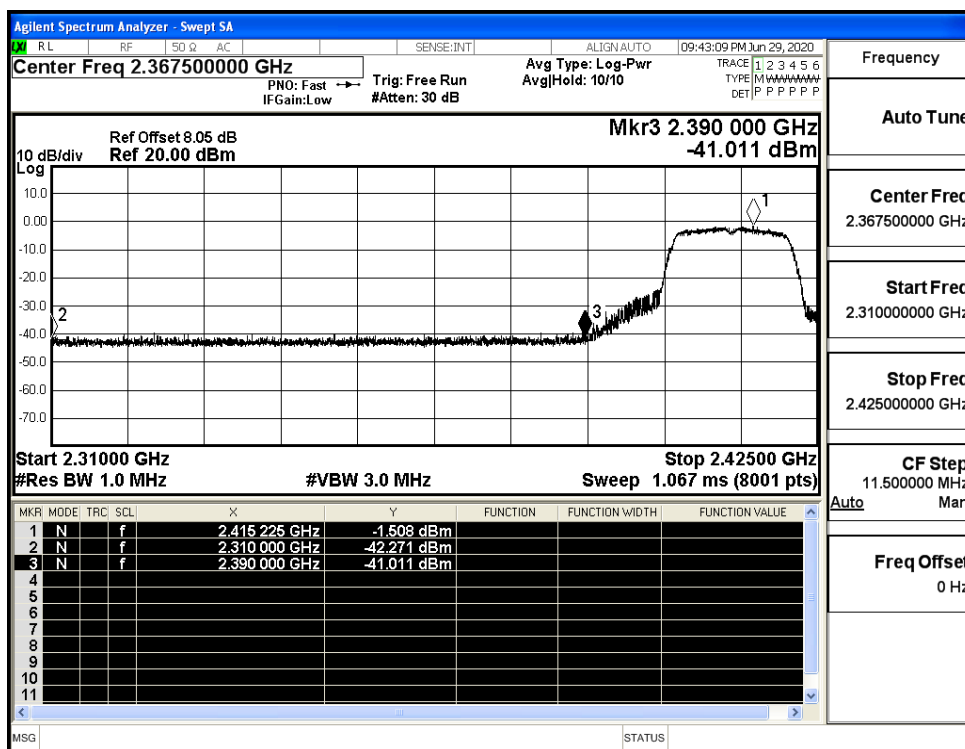
Restrict-band band-edge measurements_11G_2462_Ant0_PEAK



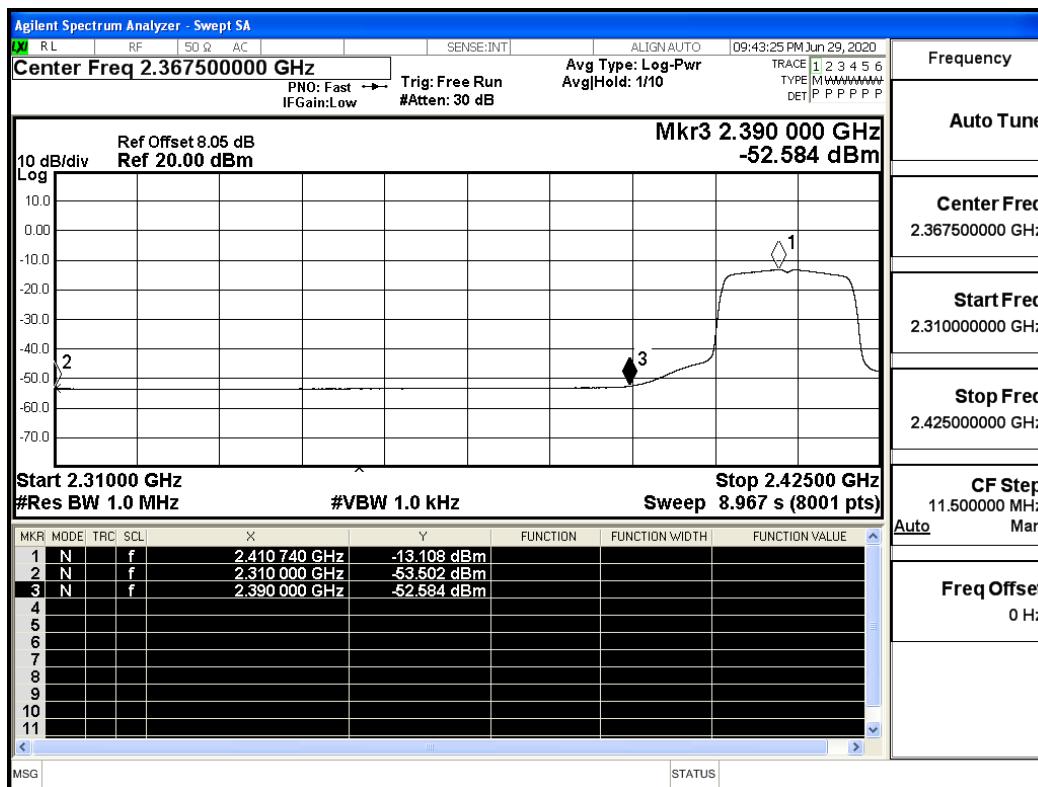
Restrict-band band-edge measurements_11G_2462_Ant0_AV



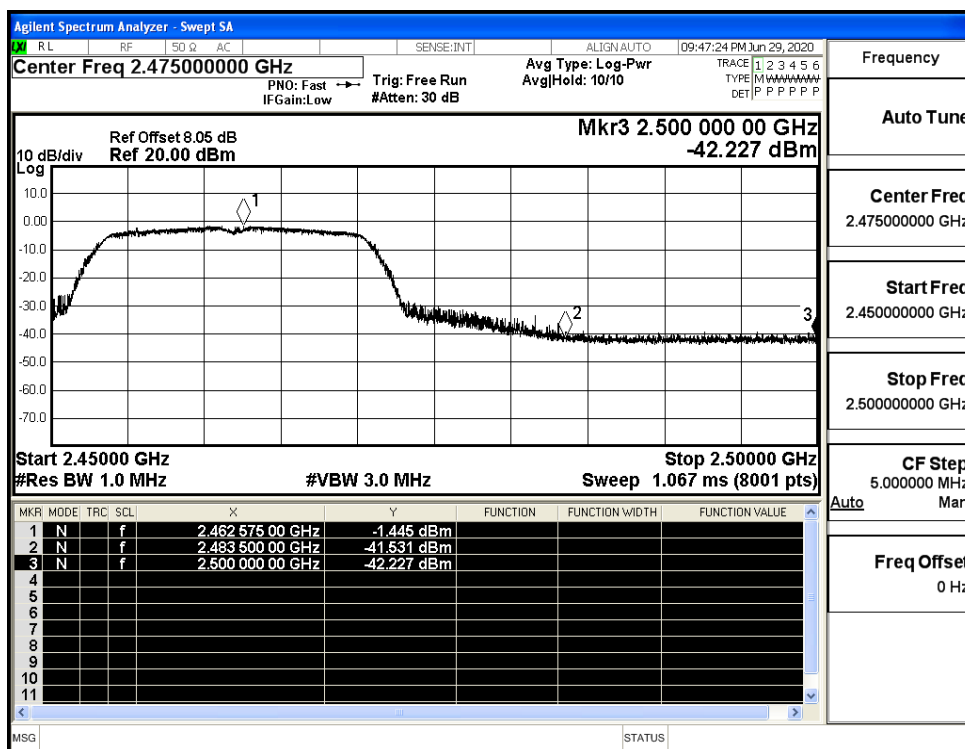
Restrict-band band-edge measurements_11N20SISO_2412_Ant0_PEAK



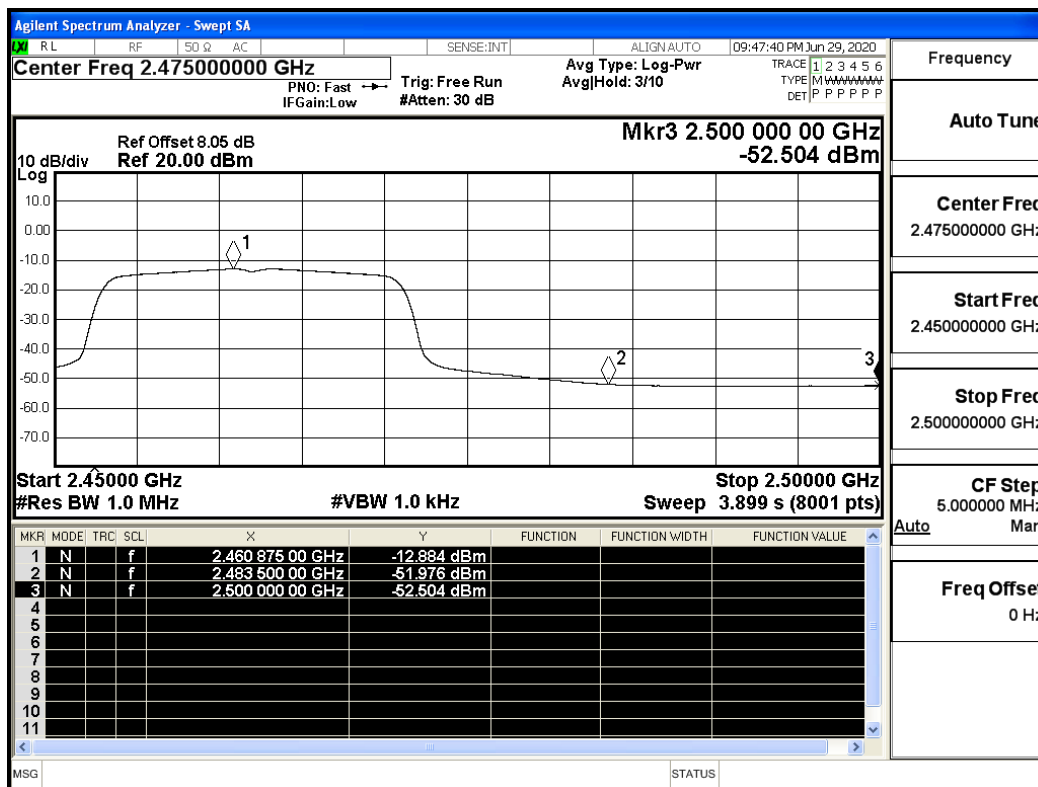
Restrict-band band-edge measurements_11N20SISO_2412_Ant0_AV



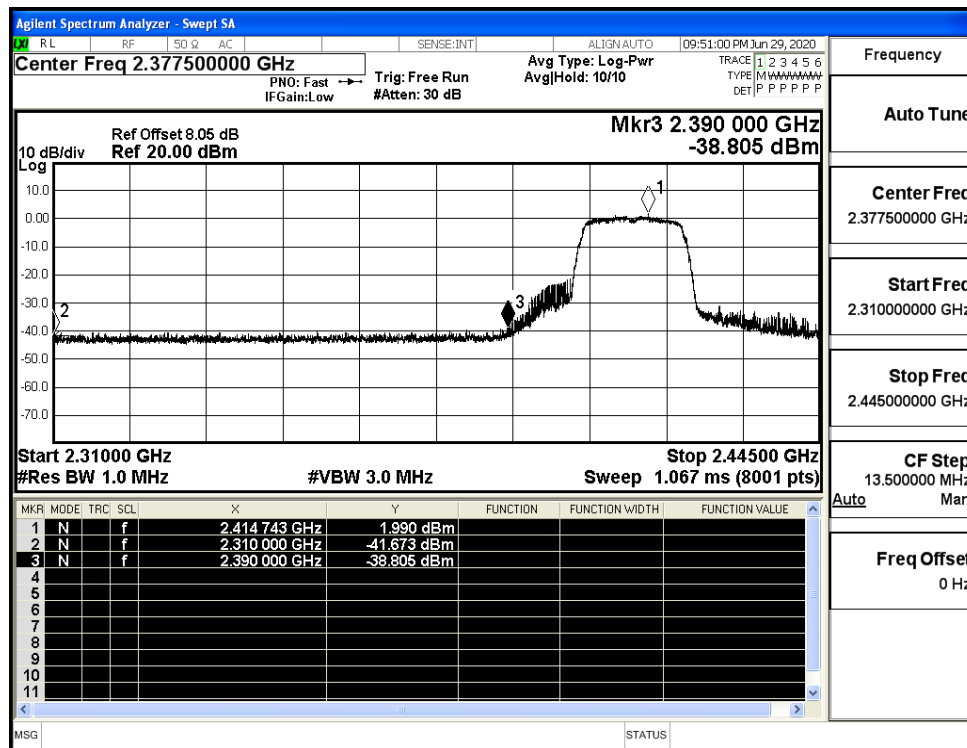
Restrict-band band-edge measurements_11N20SISO_2462_Ant0_PEAK



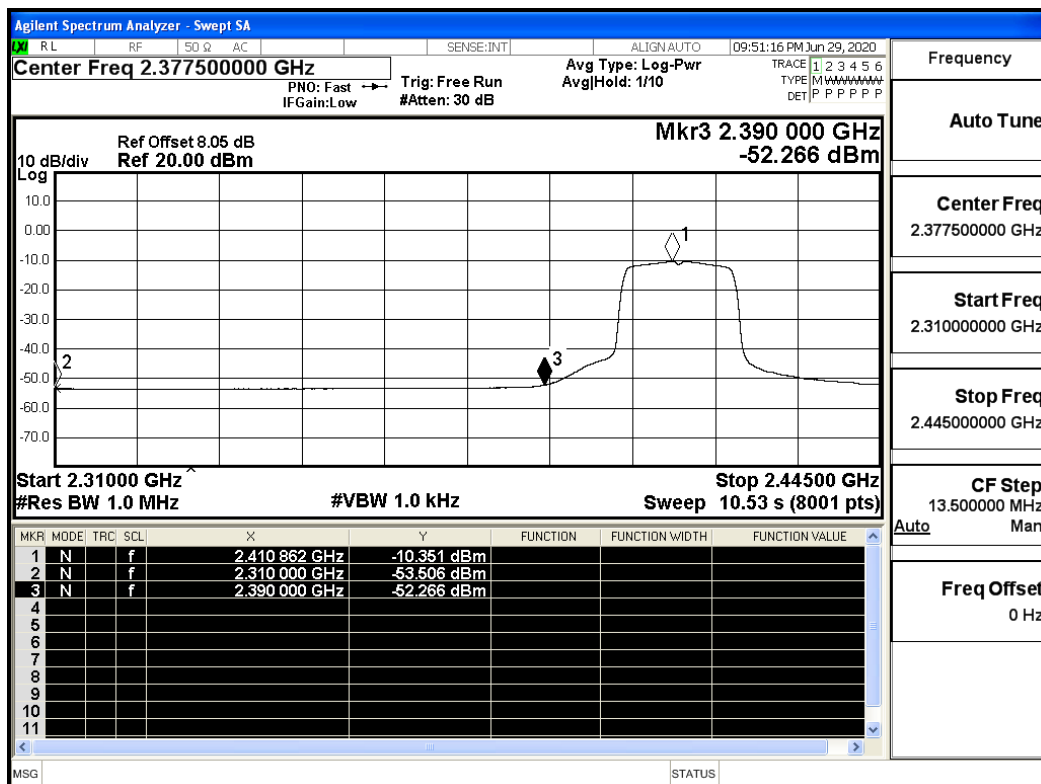
Restrict-band band-edge measurements_11N20SISO_2462_Ant0_AV



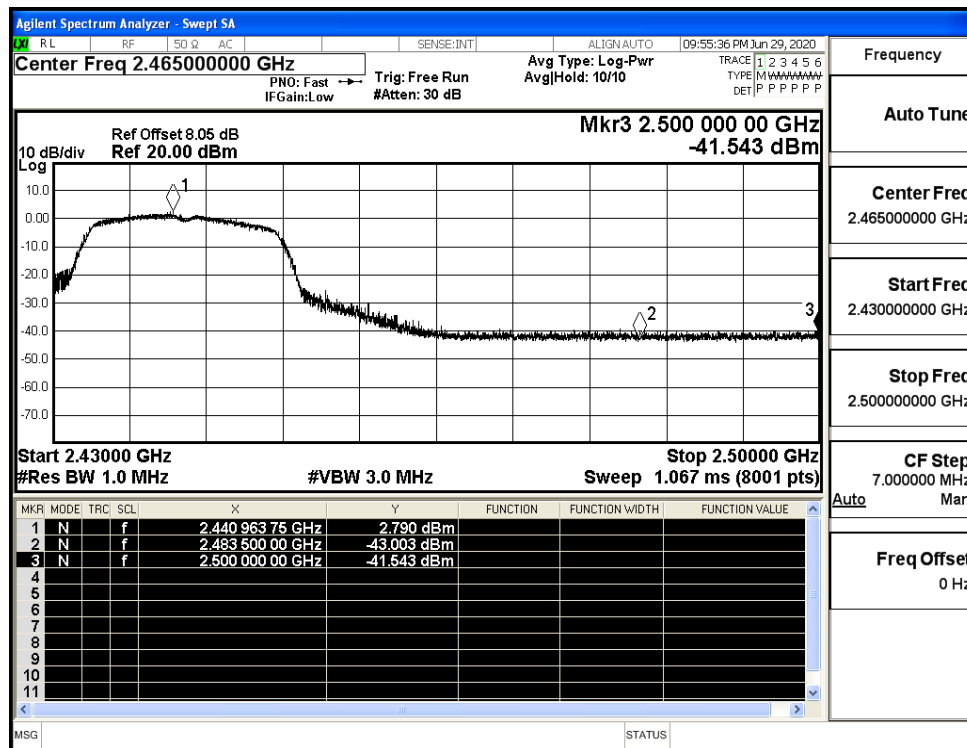
Restrict-band band-edge measurements_11N40SISO_2422_Ant0_PEAK



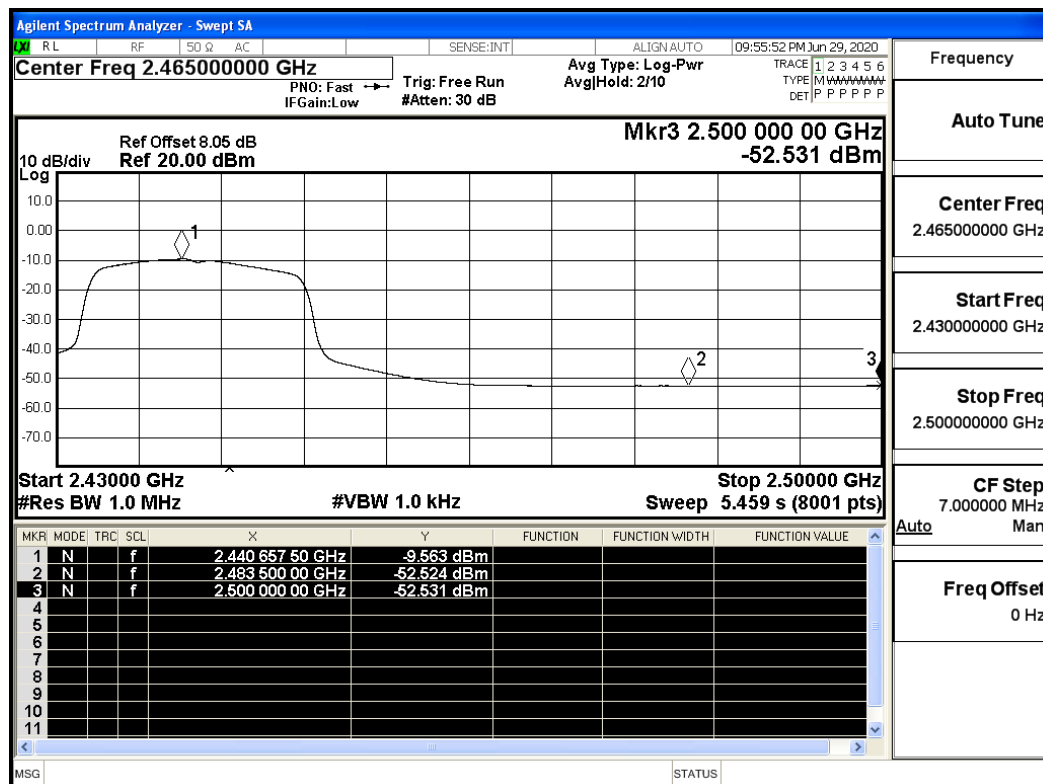
Restrict-band band-edge measurements_11N40SISO_2422_Ant0_AV



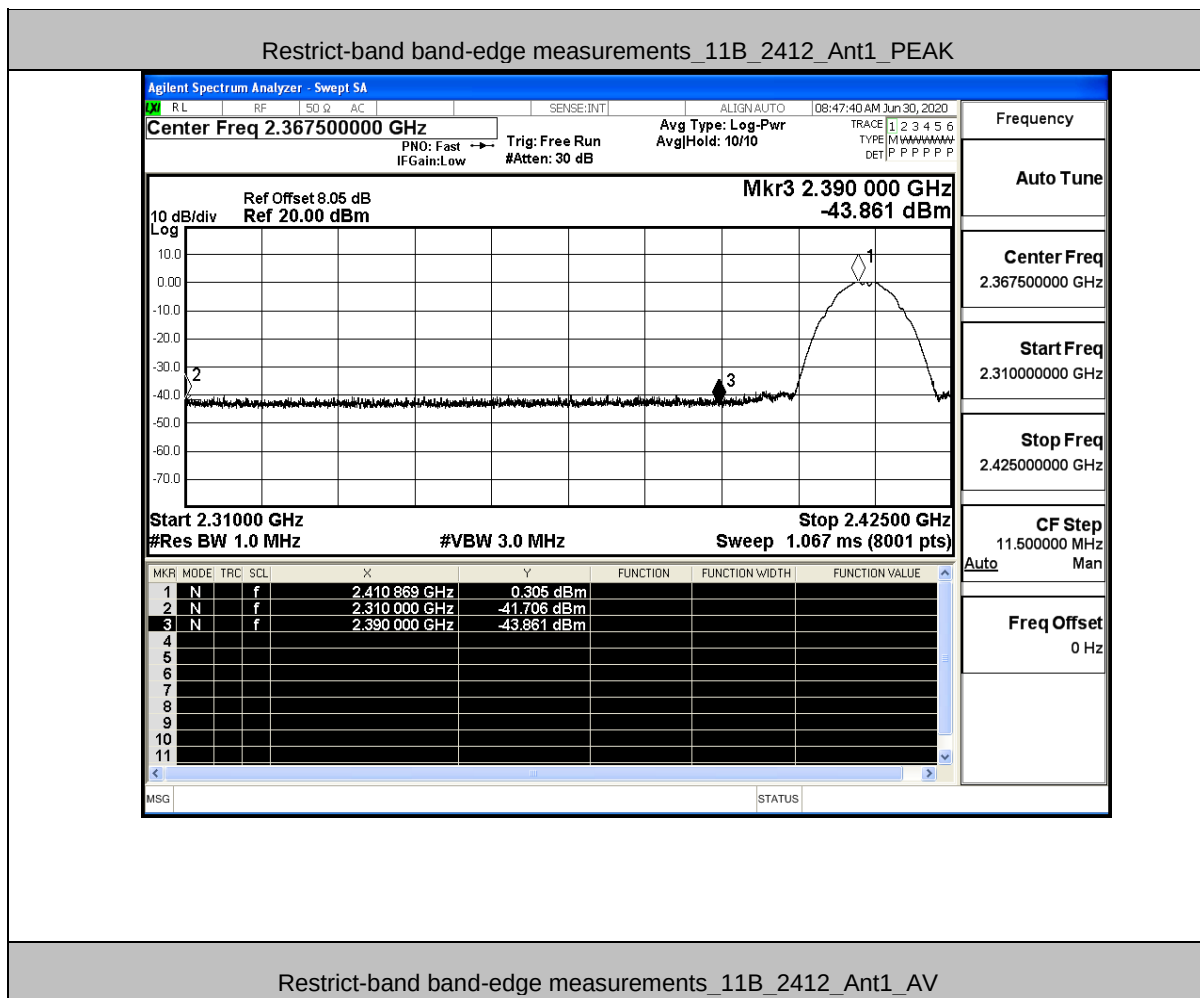
Restrict-band band-edge measurements_11N40SISO_2452_Ant0_PEAK

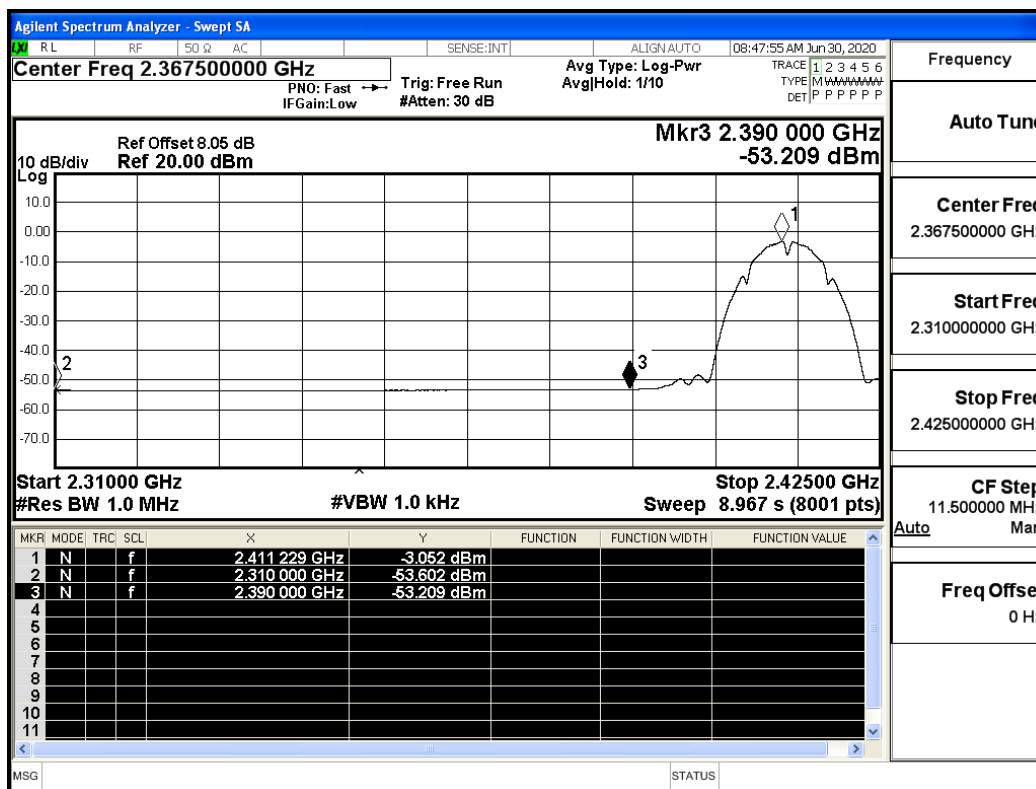


Restrict-band band-edge measurements_11N40SISO_2452_Ant0_AV

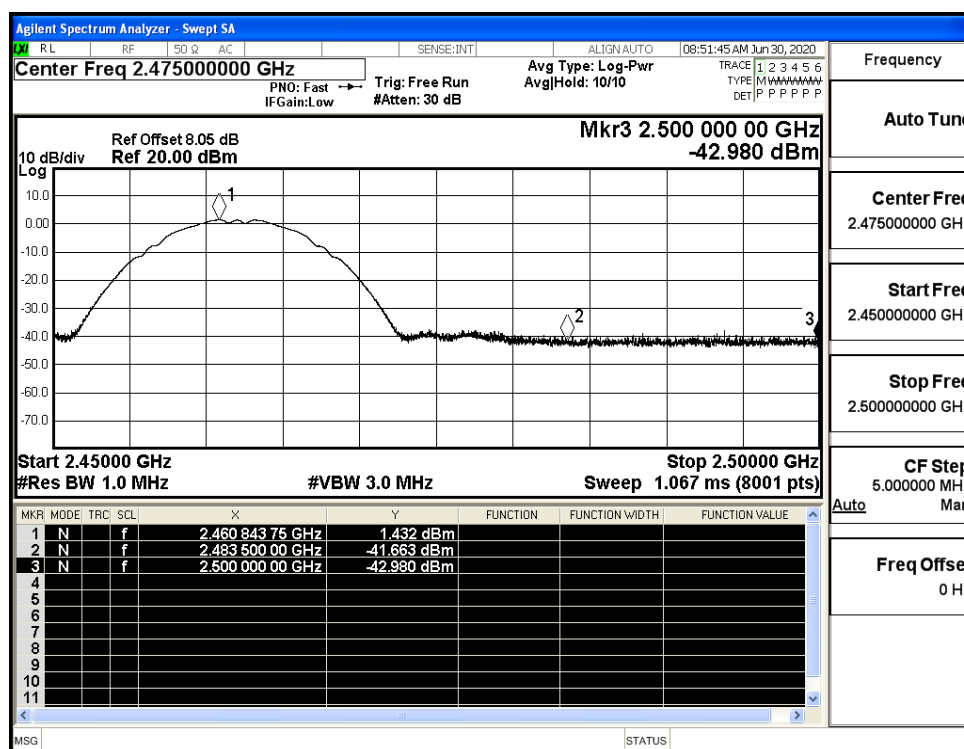


ANT1

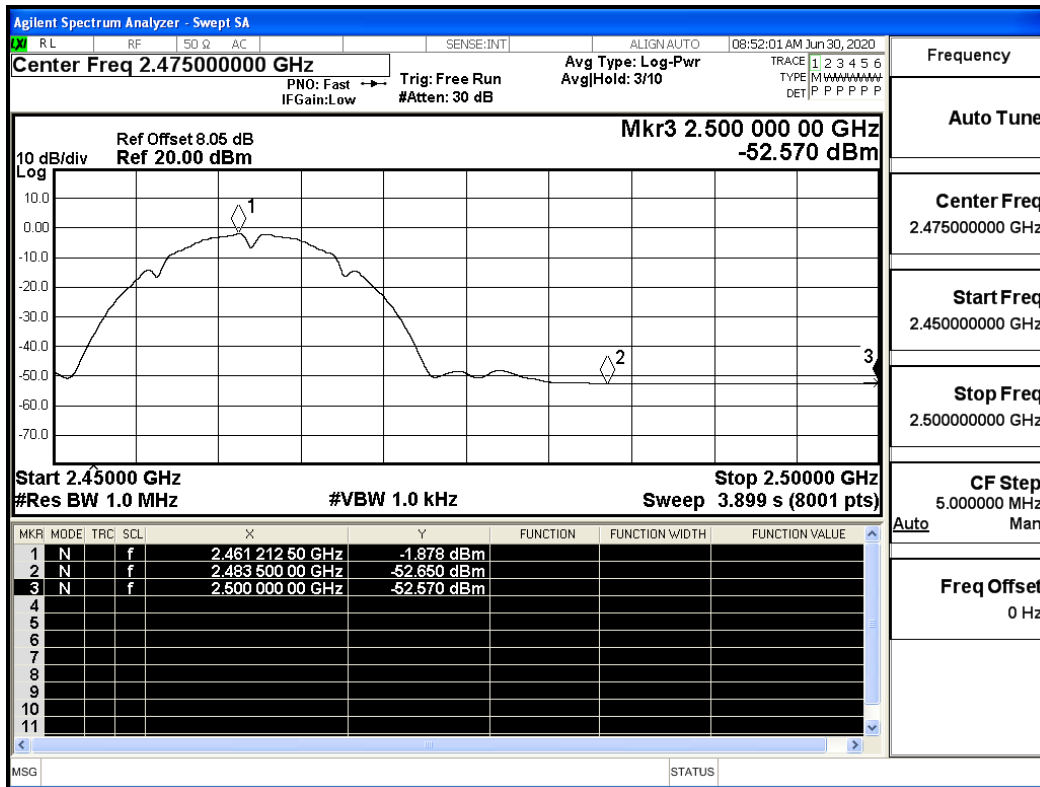




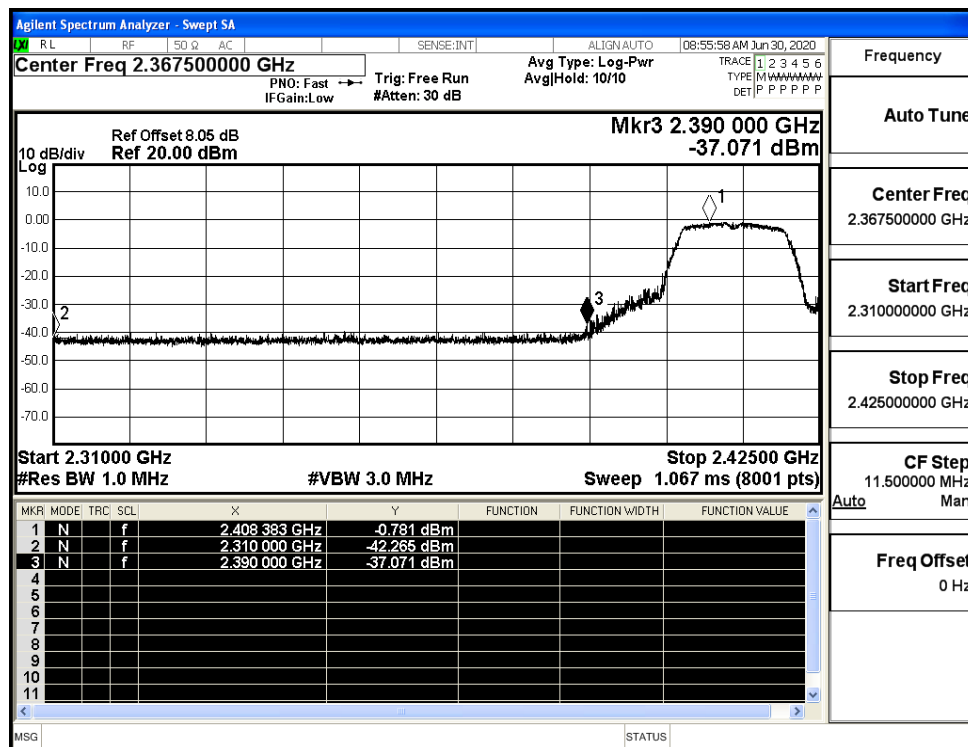
Restrict-band band-edge measurements_11B_2462_Ant1_PEAK



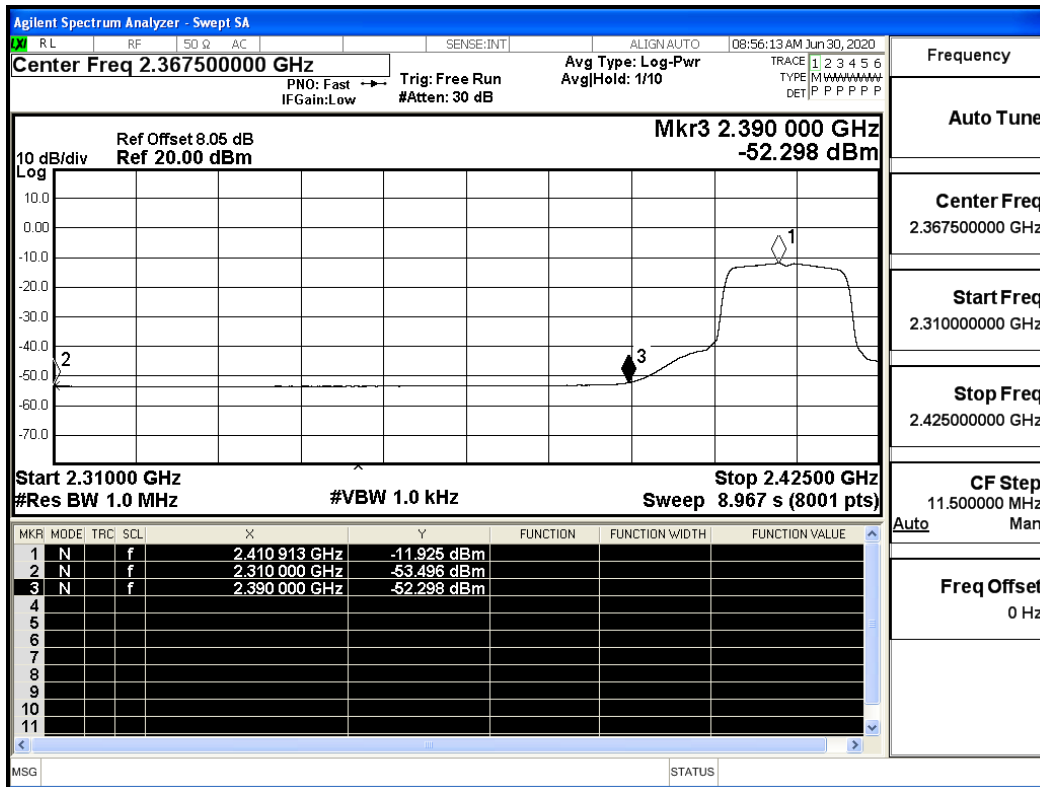
Restrict-band band-edge measurements_11B_2462_Ant1_AV



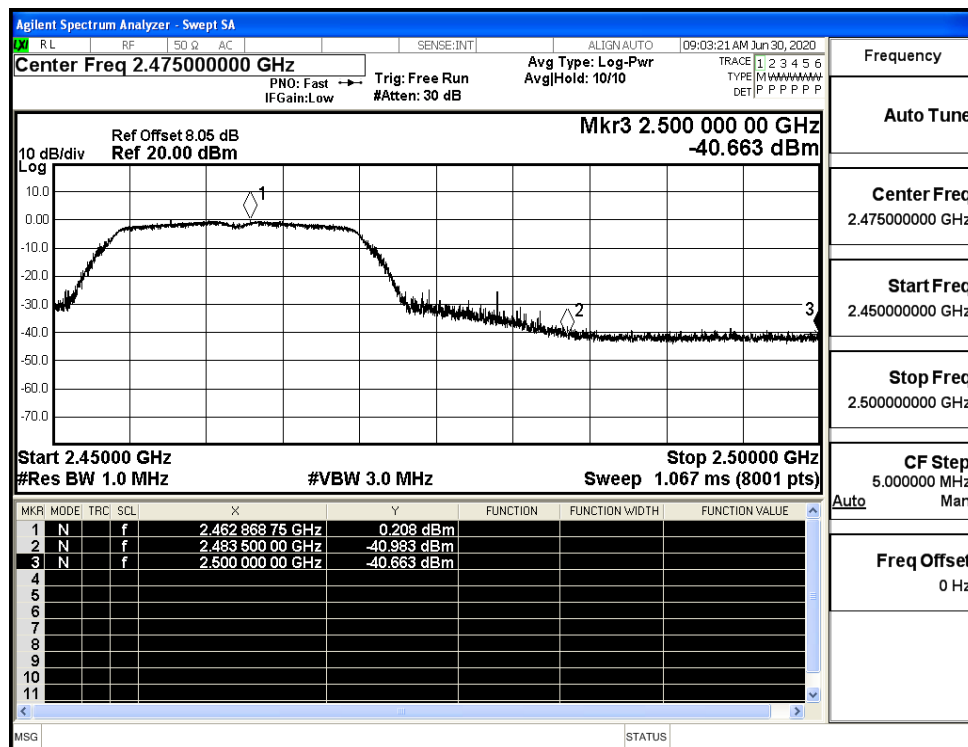
Restrict-band band-edge measurements_11G_2412_Ant1_PEAK



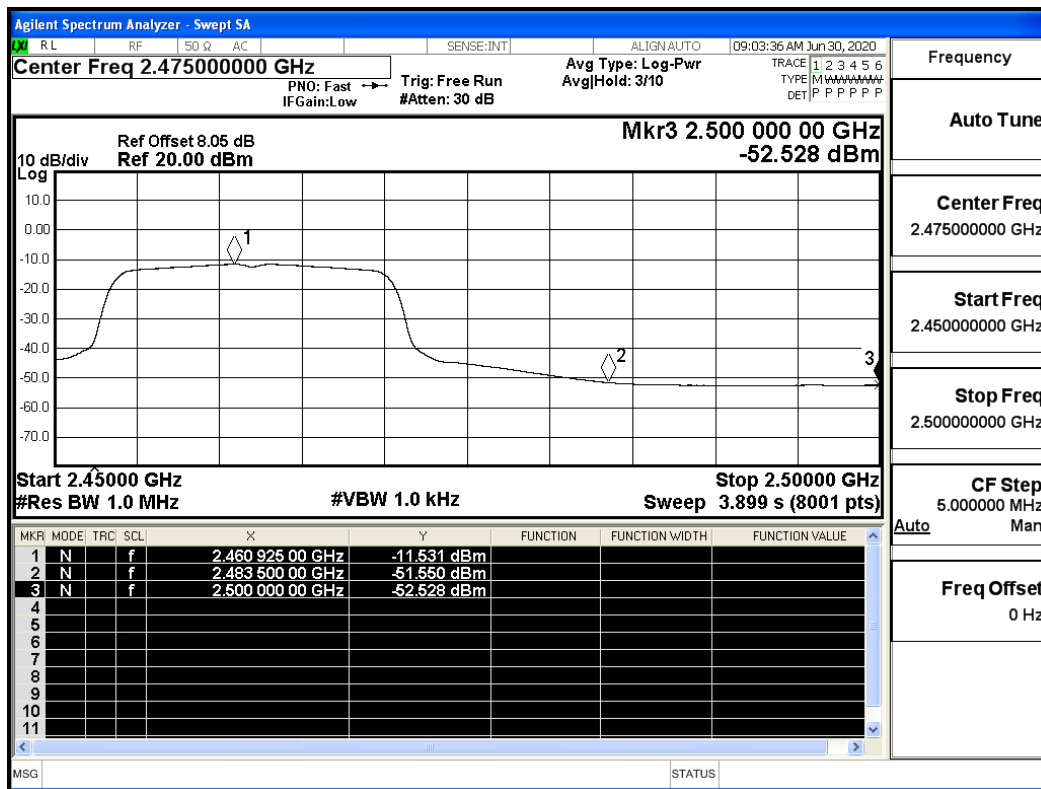
Restrict-band band-edge measurements_11G_2412_Ant1_AV



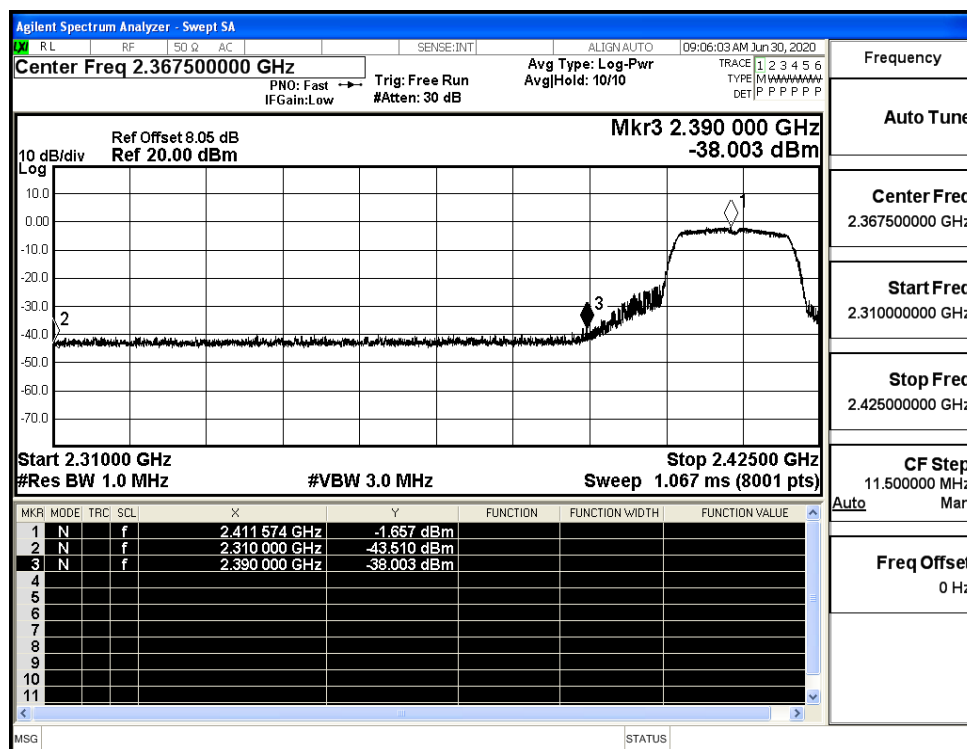
Restrict-band band-edge measurements_11G_2462_Ant1_PEAK



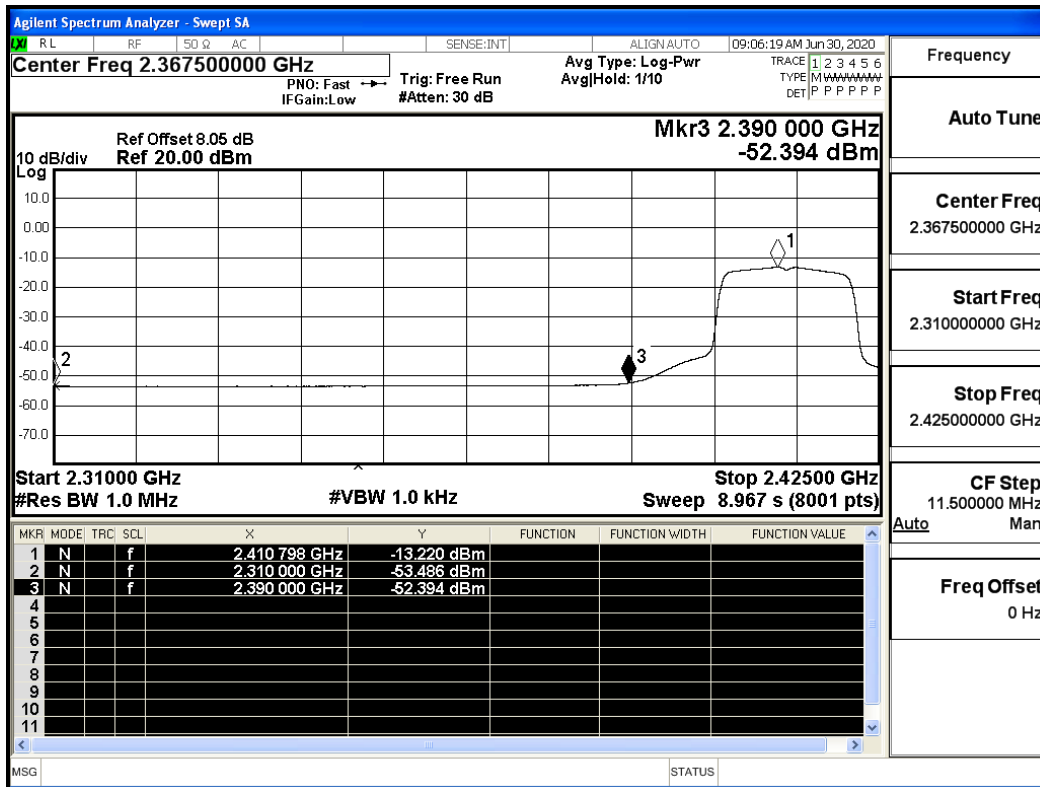
Restrict-band band-edge measurements_11G_2462_Ant1_AV



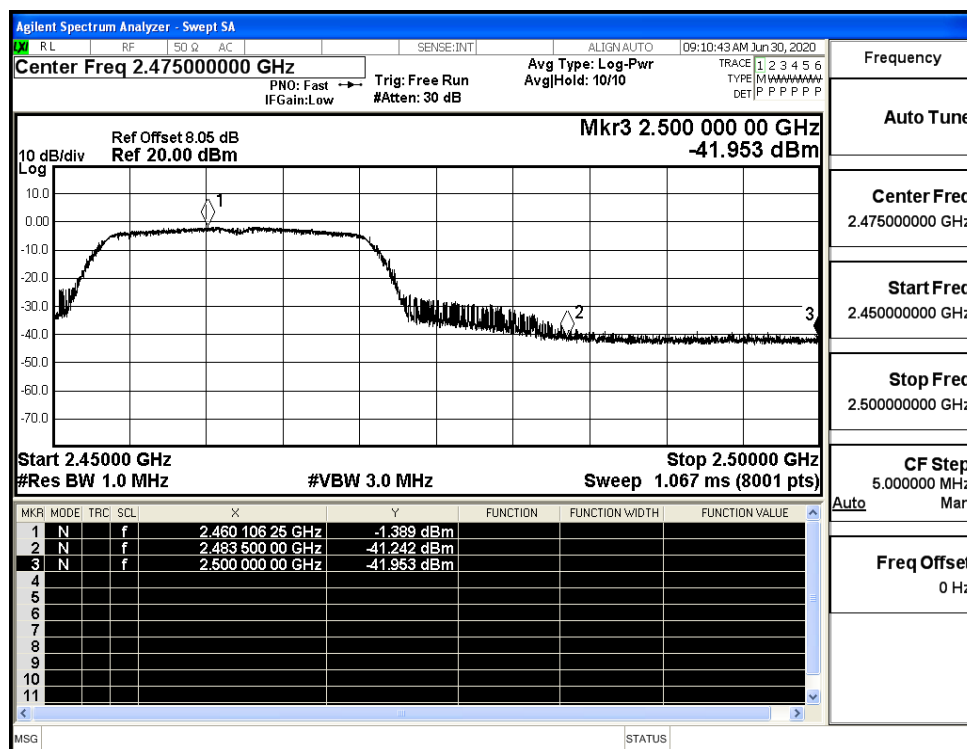
Restrict-band band-edge measurements_11N20SISO_2412_Ant1_PEAK



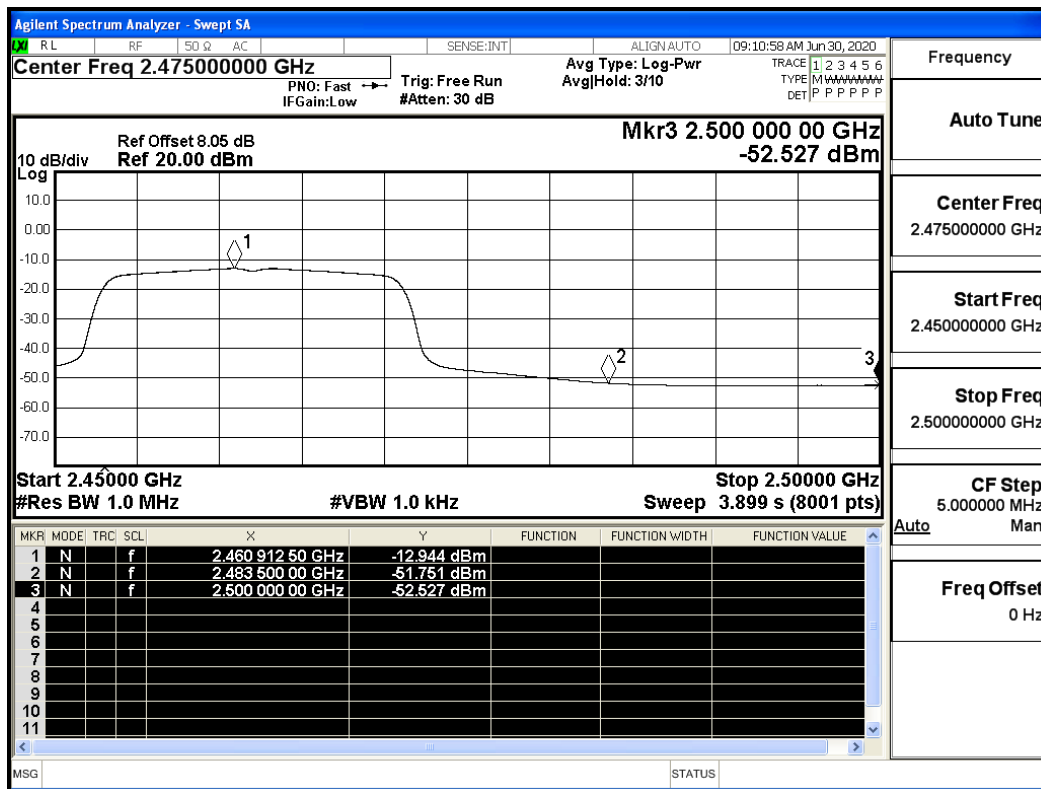
Restrict-band band-edge measurements_11N20SISO_2412_Ant1_AV



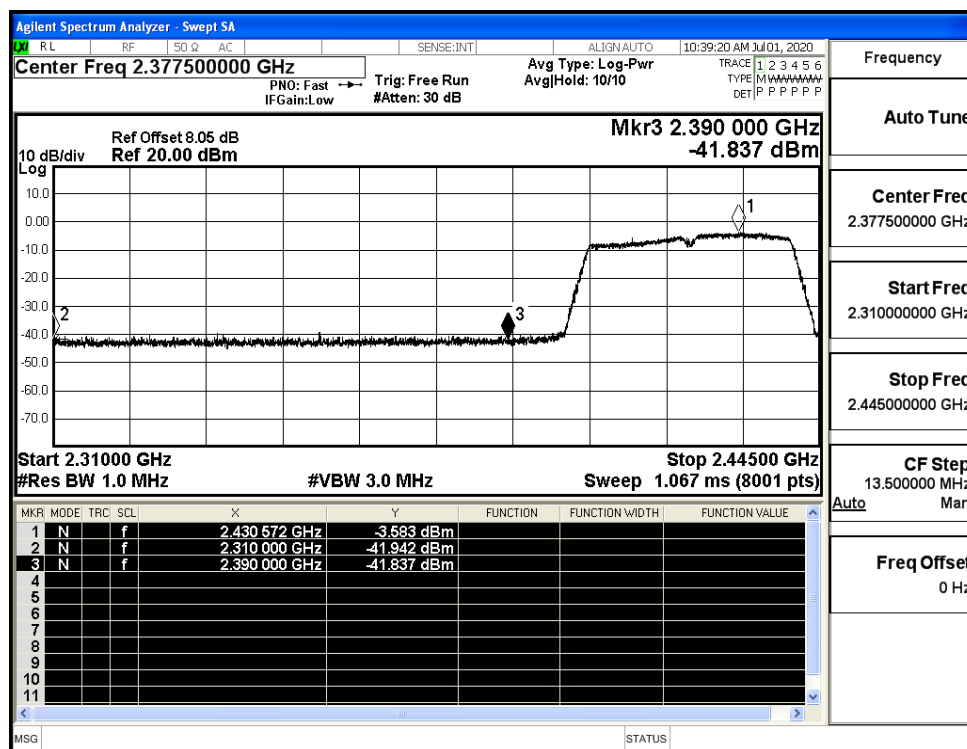
Restrict-band band-edge measurements_11N20SISO_2462_Ant1_PEAK



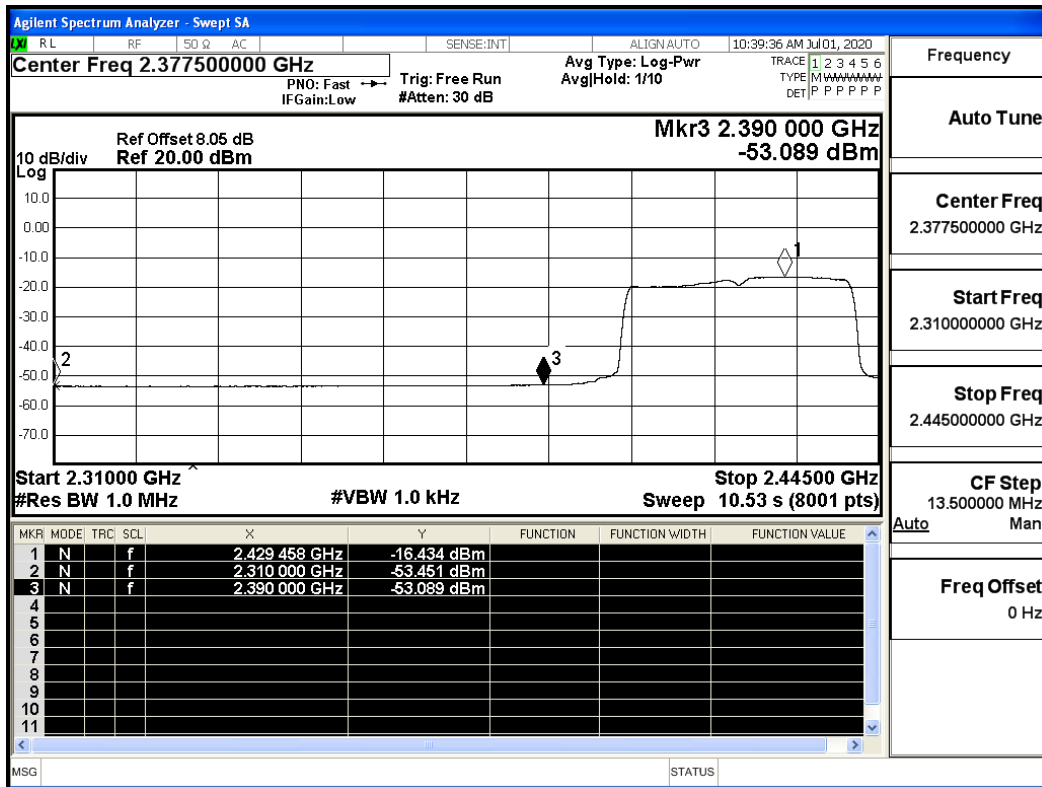
Restrict-band band-edge measurements_11N20SISO_2462_Ant1_AV



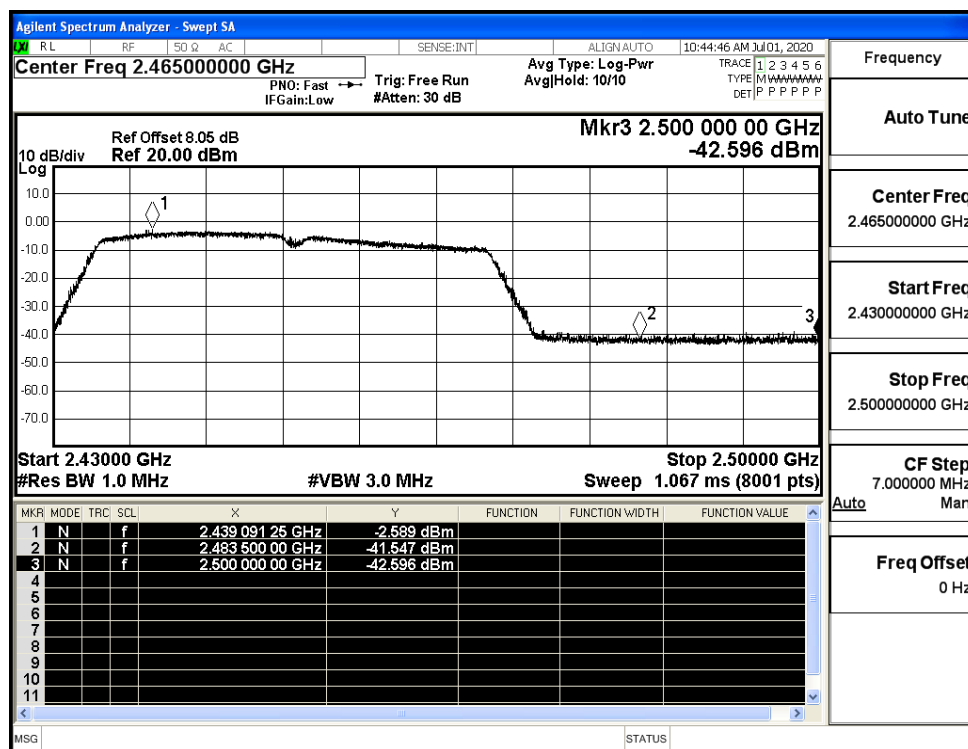
Restrict-band band-edge measurements_11N40SISO_2422_Ant1_PEAK



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

