

Appendix A

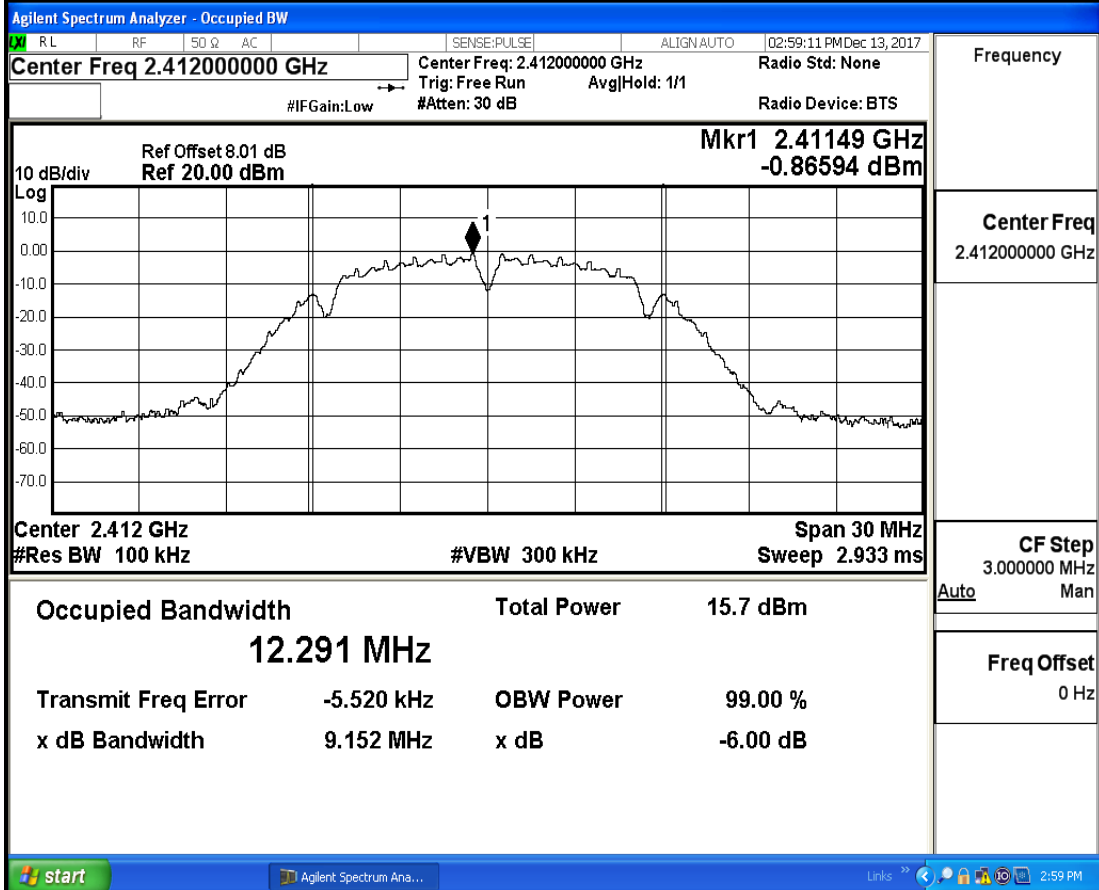
RF Test Data for 2.4G WIFI (Conducted Measurement)

Product Name: Tablet with wifi
Trade Mark: SKY DEVICES, HENA
Test Model: SKY VISION
FCC ID: 2ABOSSKYVISION

A.1 6dB Bandwidth

Test Mode	Test Channel	Ant	EBW[MHz]	Limit	Verdict
11B	2412	Ant1	9.152	0.5	PASS
11B	2437	Ant1	9.155	0.5	PASS
11B	2462	Ant1	9.150	0.5	PASS
11G	2412	Ant1	16.61	0.5	PASS
11G	2437	Ant1	16.61	0.5	PASS
11G	2462	Ant1	16.61	0.5	PASS
11N20SISO	2412	Ant1	17.81	0.5	PASS
11N20SISO	2437	Ant1	17.84	0.5	PASS
11N20SISO	2462	Ant1	17.83	0.5	PASS
11N40SISO	2422	Ant1	36.55	0.5	PASS
11N40SISO	2437	Ant1	36.53	0.5	PASS
11N40SISO	2452	Ant1	36.49	0.5	PASS

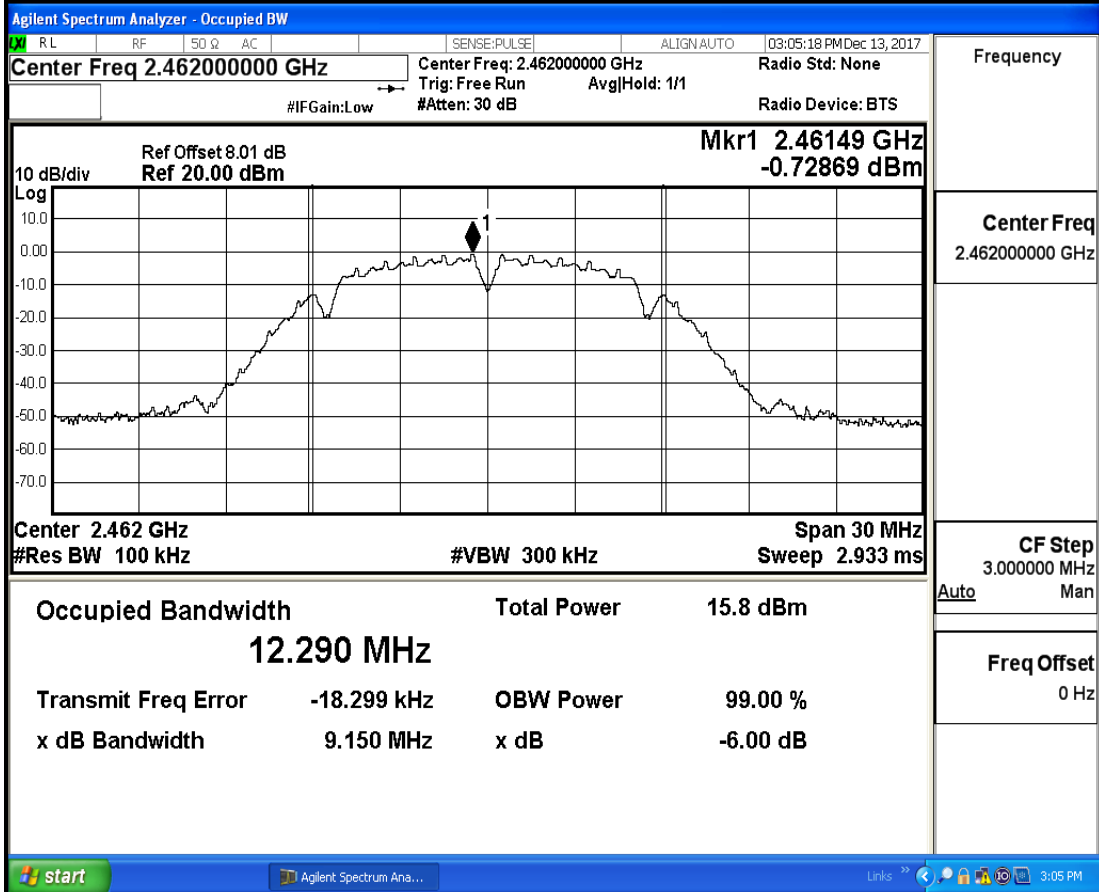
6dB Bandwidth_11B_2412_Ant1



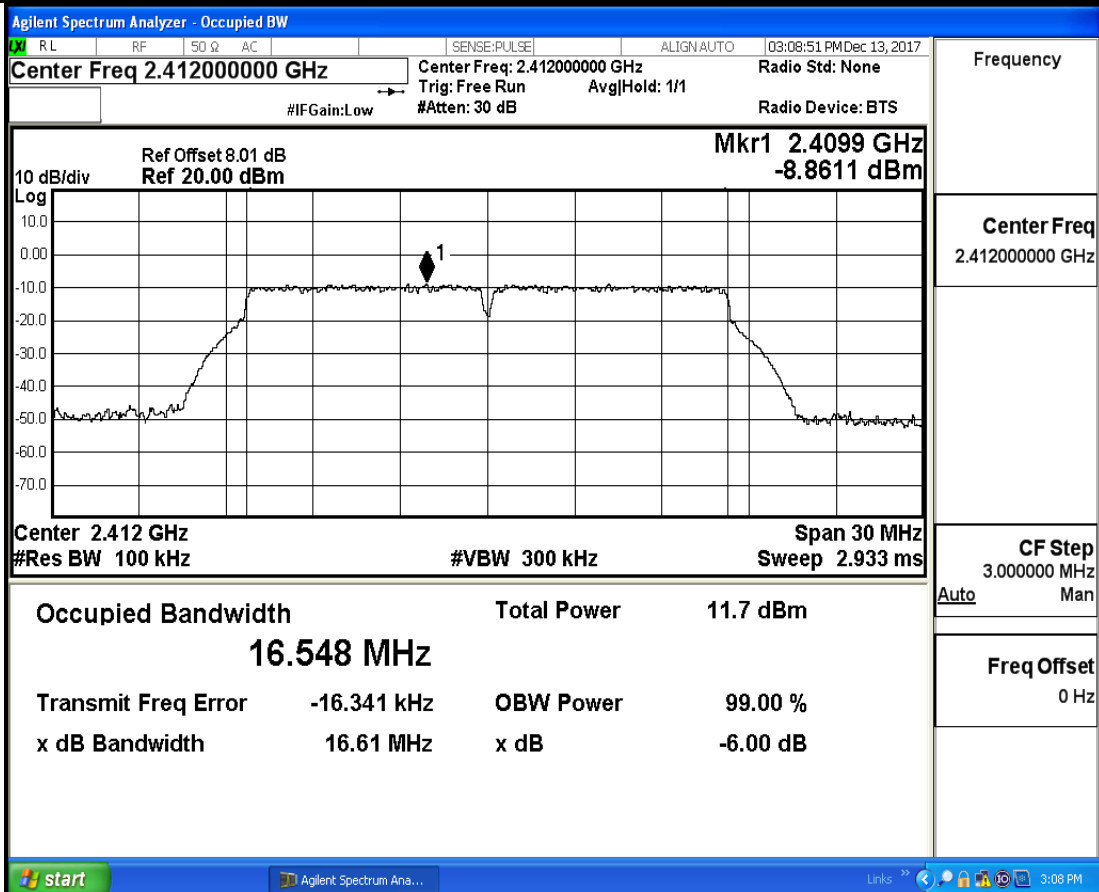
6dB Bandwidth_11B_2437_Ant1



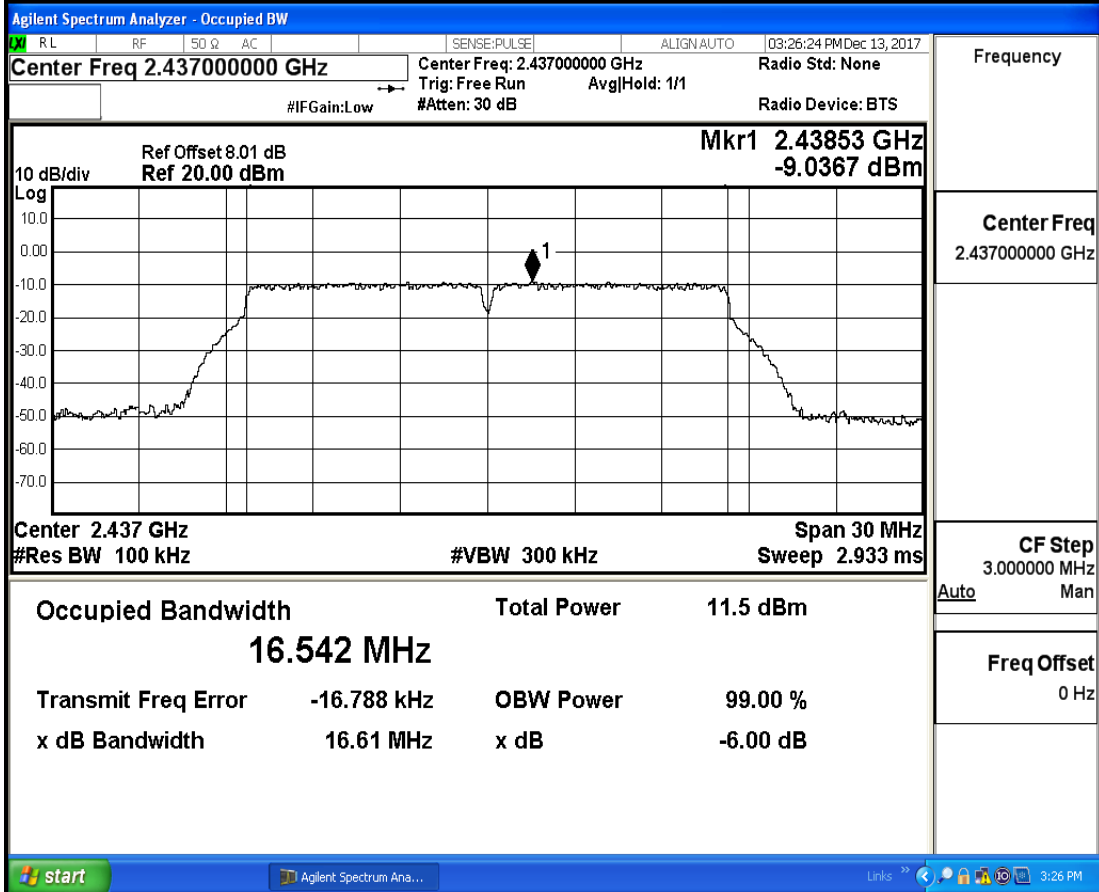
6dB Bandwidth_11B_2462_Ant1



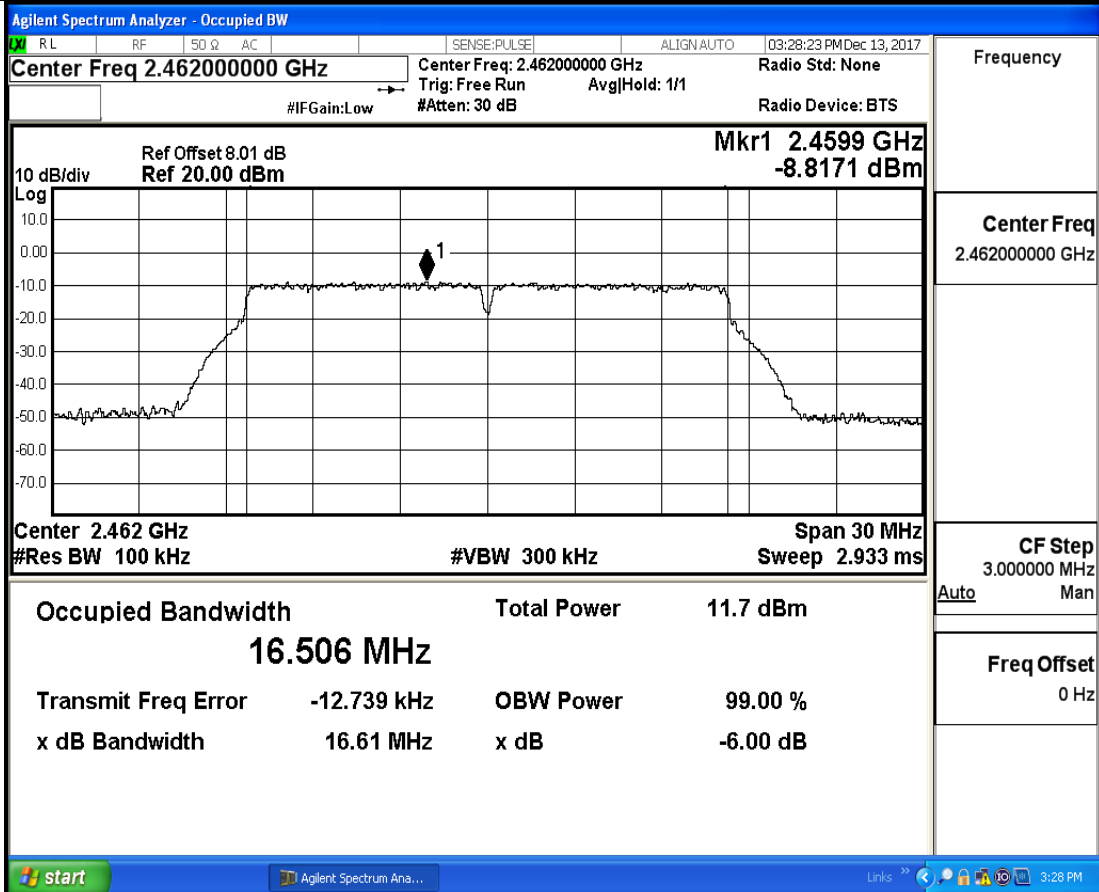
6dB Bandwidth_11G_2412_Ant1



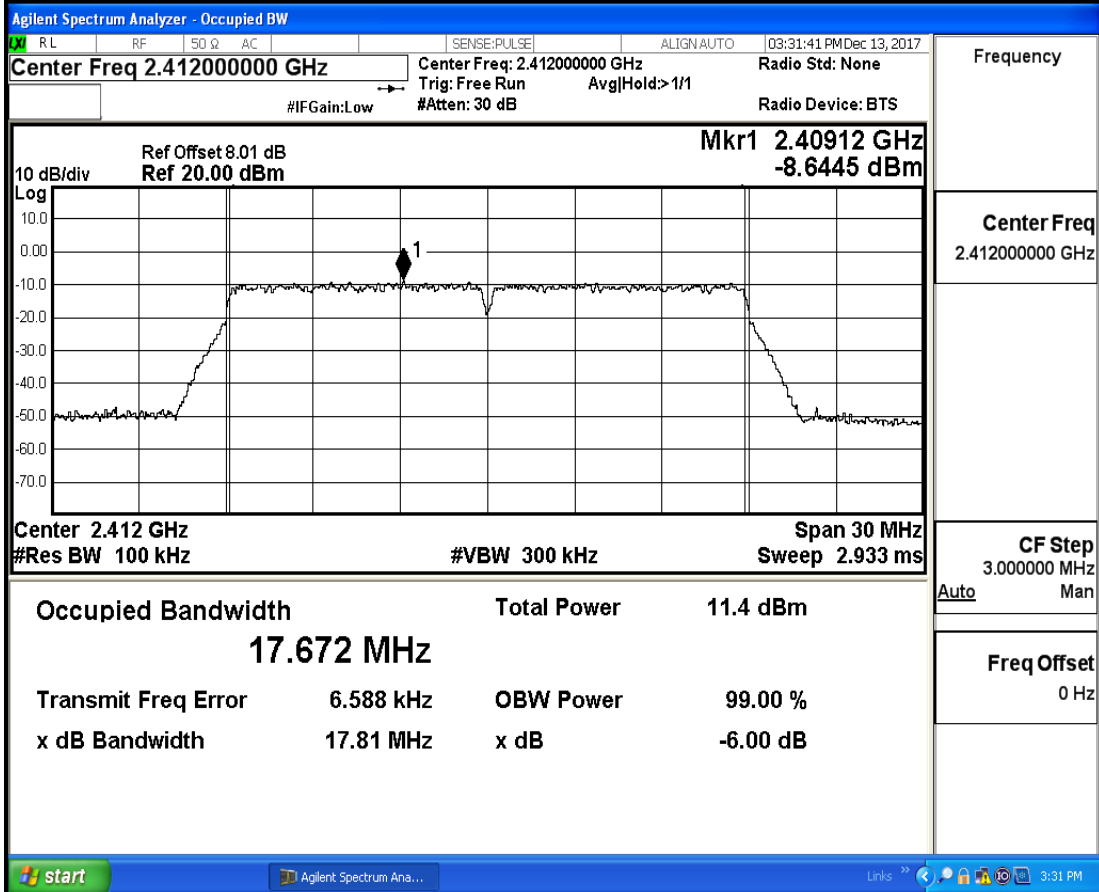
6dB Bandwidth_11G_2437_Ant1



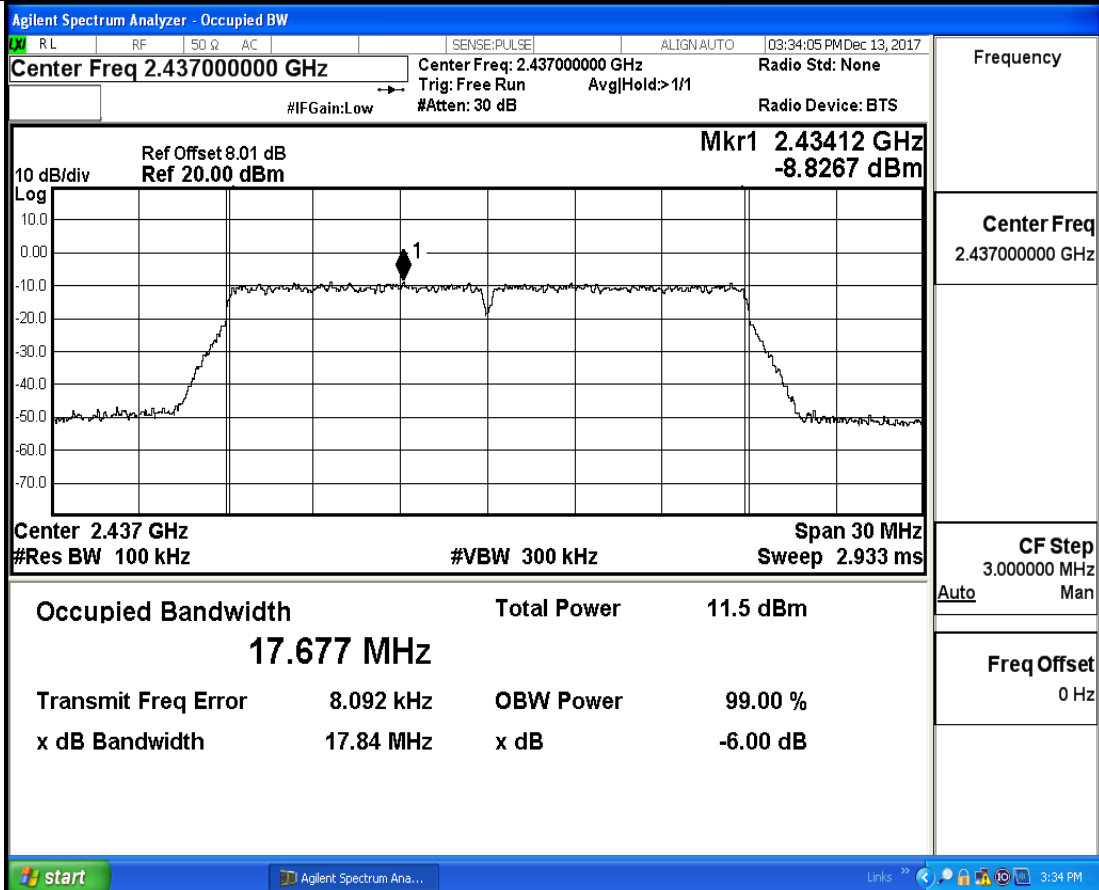
6dB Bandwidth_11G_2462_Ant1



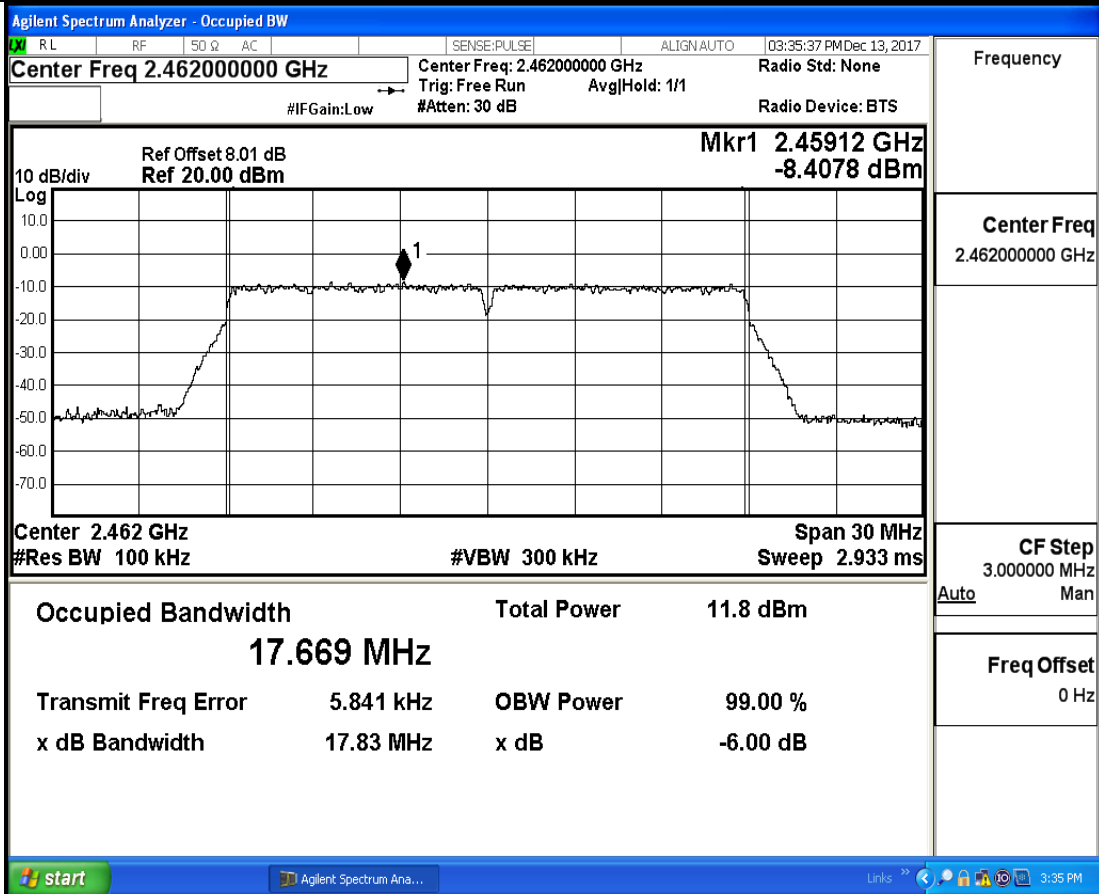
6dB Bandwidth_11N20SISO_2412_Ant1



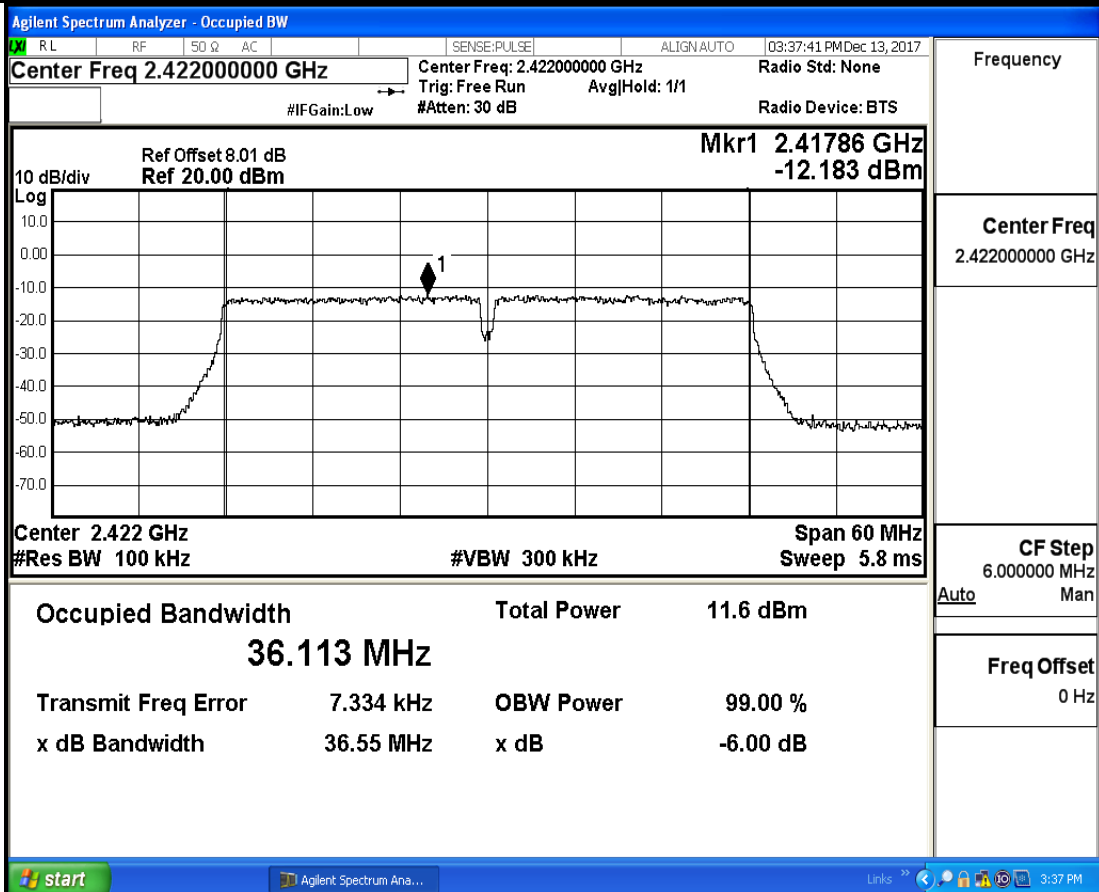
6dB Bandwidth_11N20SISO_2437_Ant1



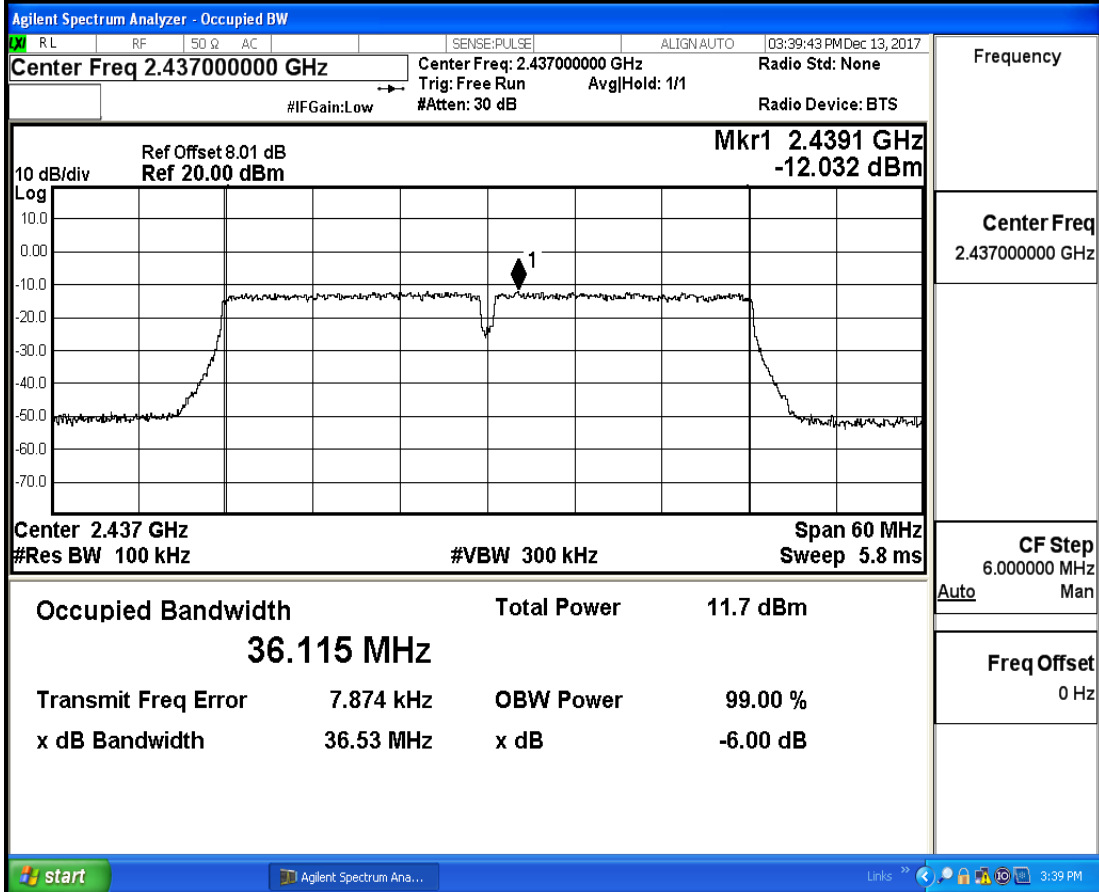
6dB Bandwidth_11N20SISO_2462_Ant1



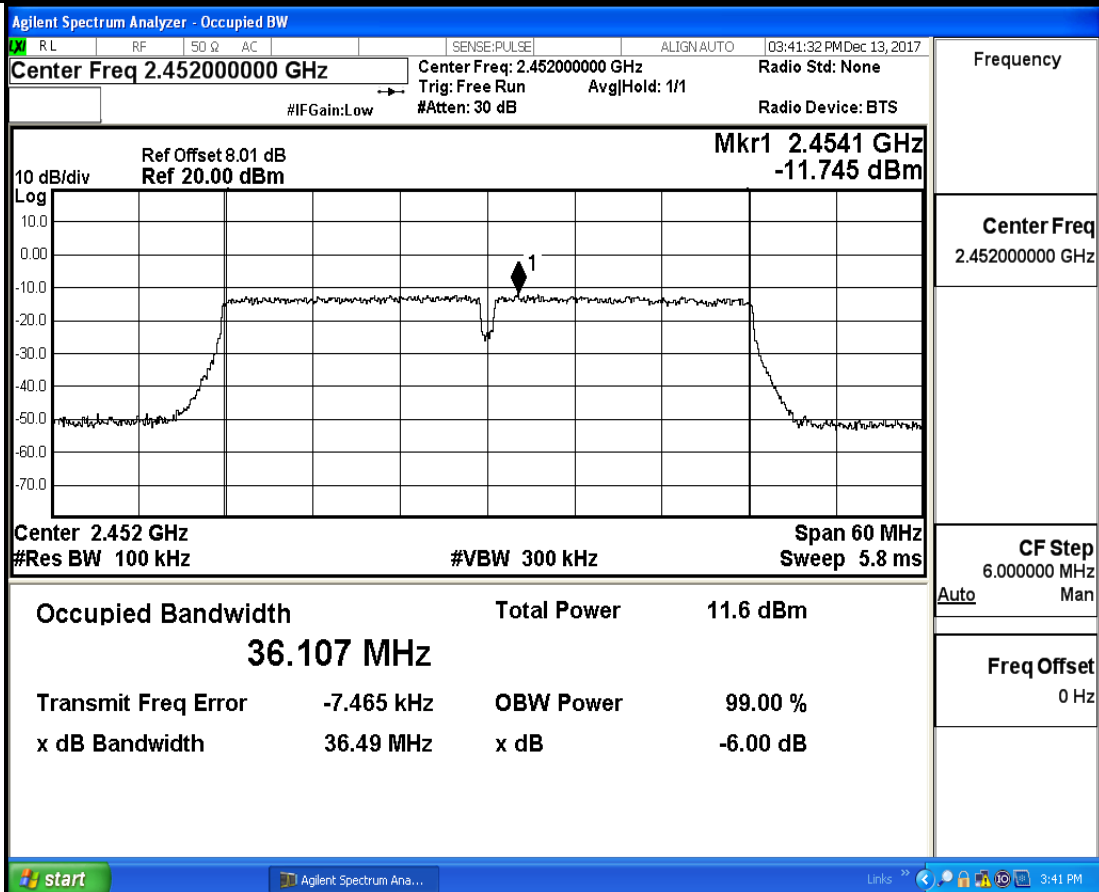
6dB Bandwidth_11N40SISO_2422_Ant1



6dB Bandwidth_11N40SISO_2437_Ant1



6dB Bandwidth_11N40SISO_2452_Ant1



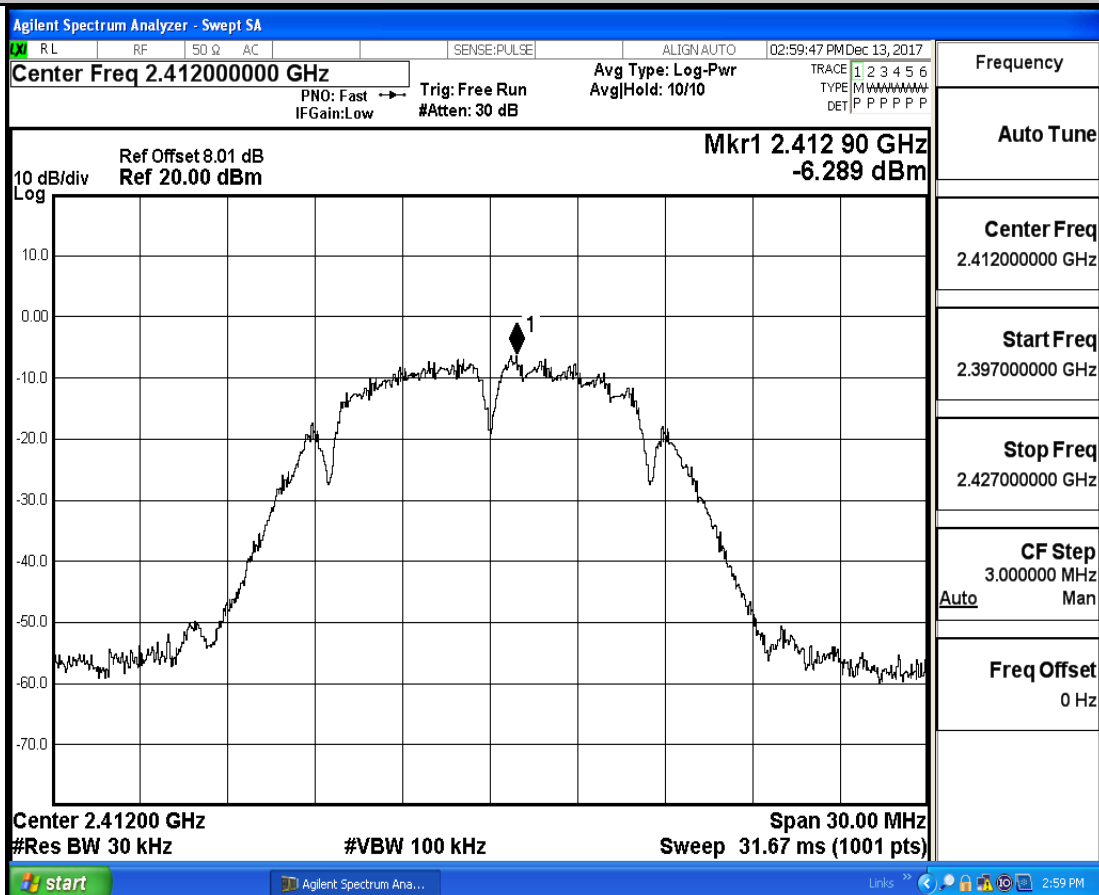
A.2 Maximum peak conducted output power

Test Mode	Test Channel	Ant	Peak Power[dBm]	Limit[dBm]	Verdict
11B	2412	Ant1	11.42	30	PASS
11B	2437	Ant1	11.48	30	PASS
11B	2462	Ant1	11.56	30	PASS
11G	2412	Ant1	14.54	30	PASS
11G	2437	Ant1	14.60	30	PASS
11G	2462	Ant1	14.66	30	PASS
11N20SISO	2412	Ant1	13.99	30	PASS
11N20SISO	2437	Ant1	14.05	30	PASS
11N20SISO	2462	Ant1	14.12	30	PASS
11N40SISO	2422	Ant1	13.48	30	PASS
11N40SISO	2437	Ant1	13.55	30	PASS
11N40SISO	2452	Ant1	13.62	30	PASS

A.3 Maximum Peak power spectral density

Test Mode	Test Channel	Ant	PSD[dBm/30KHz]	Limit[dBm/3KHz]	Verdict
11B	2412	Ant1	-6.289	8.00	PASS
11B	2437	Ant1	-6.169	8.00	PASS
11B	2462	Ant1	-6.034	8.00	PASS
11G	2412	Ant1	-11.902	8.00	PASS
11G	2437	Ant1	-12.18	8.00	PASS
11G	2462	Ant1	-11.122	8.00	PASS
11N20SISO	2412	Ant1	-11.49	8.00	PASS
11N20SISO	2437	Ant1	-11.563	8.00	PASS
11N20SISO	2462	Ant1	-11.238	8.00	PASS
11N40SISO	2422	Ant1	-15.255	8.00	PASS
11N40SISO	2437	Ant1	-15.065	8.00	PASS
11N40SISO	2452	Ant1	-15.091	8.00	PASS

Maximum Peak power spectral density_11B_2412_Ant1



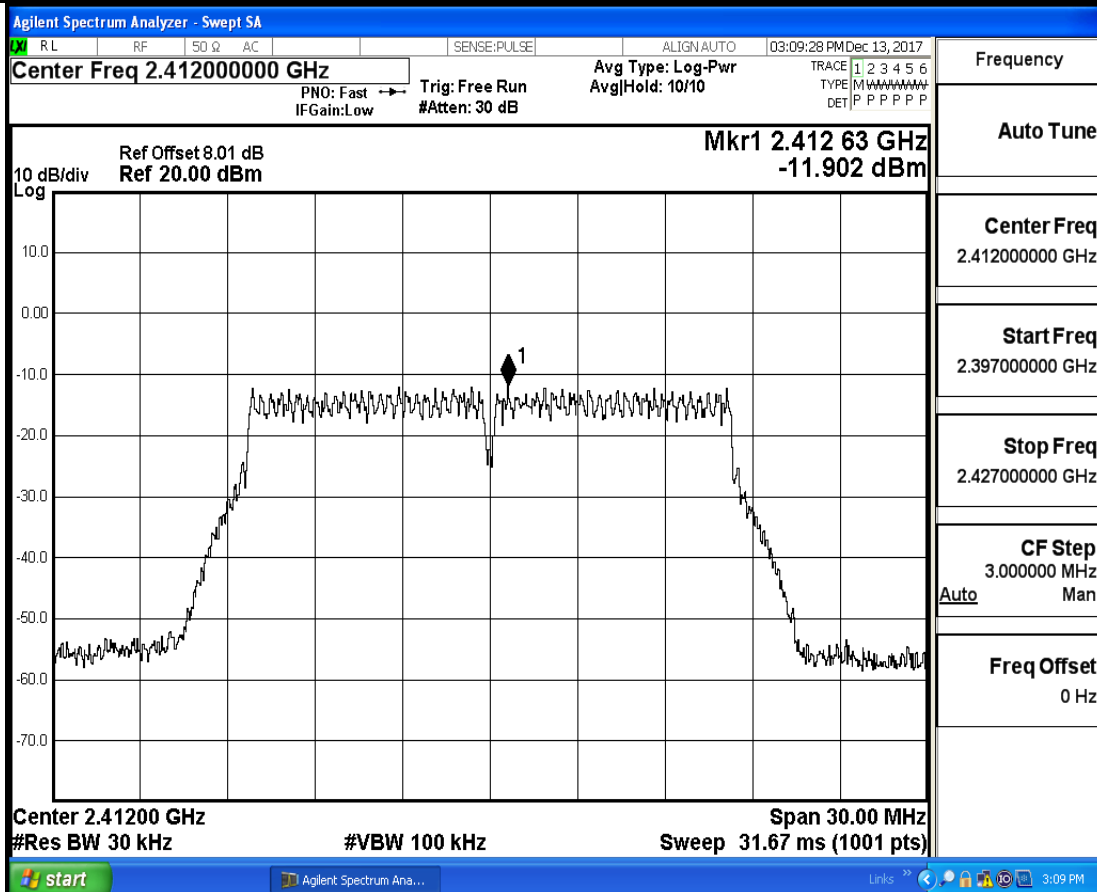
Maximum Peak power spectral density_11B_2437_Ant1



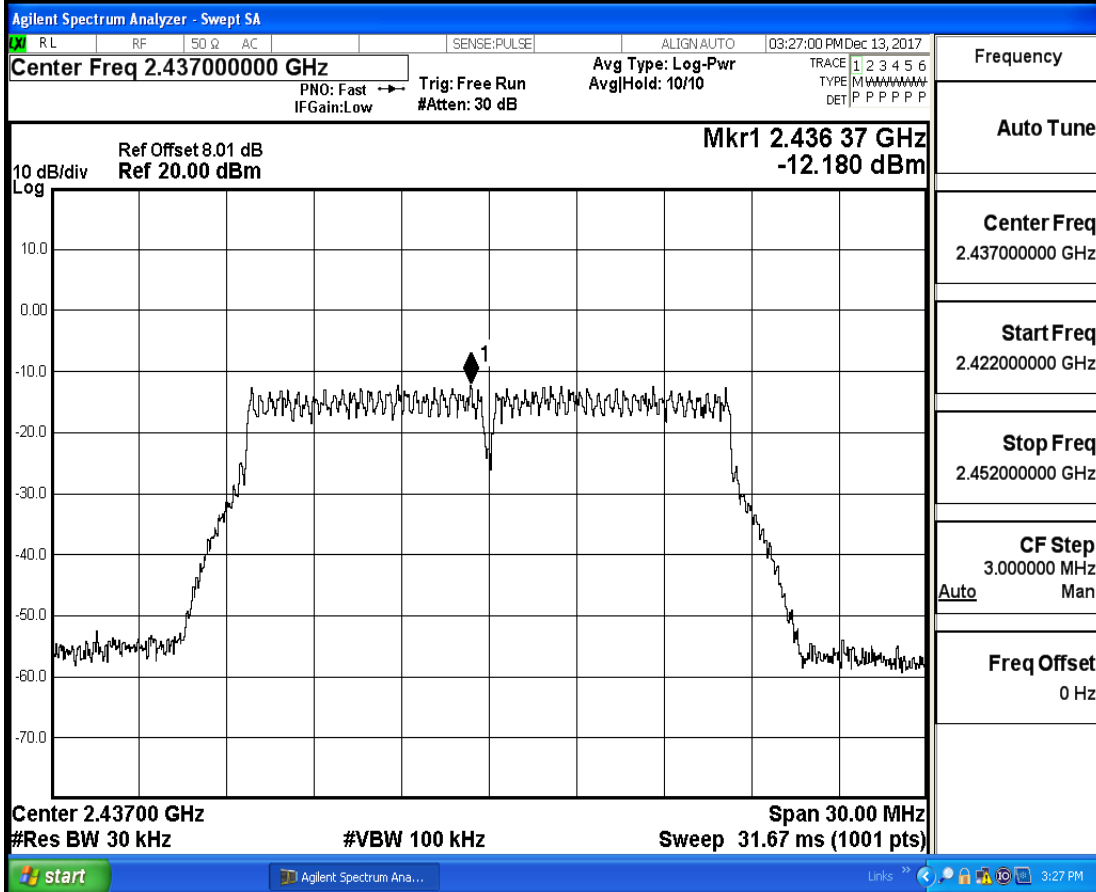
Maximum Peak power spectral density_11B_2462_Ant1



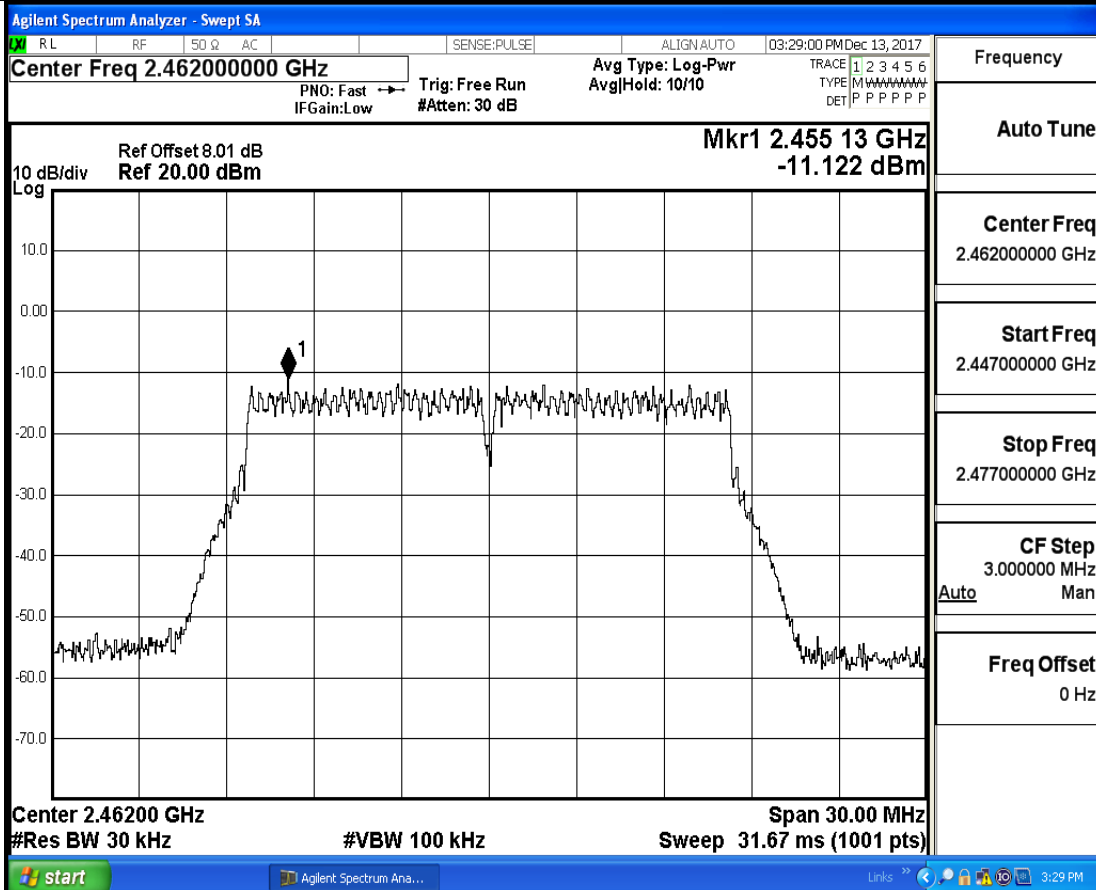
Maximum Peak power spectral density_11G_2412_Ant1



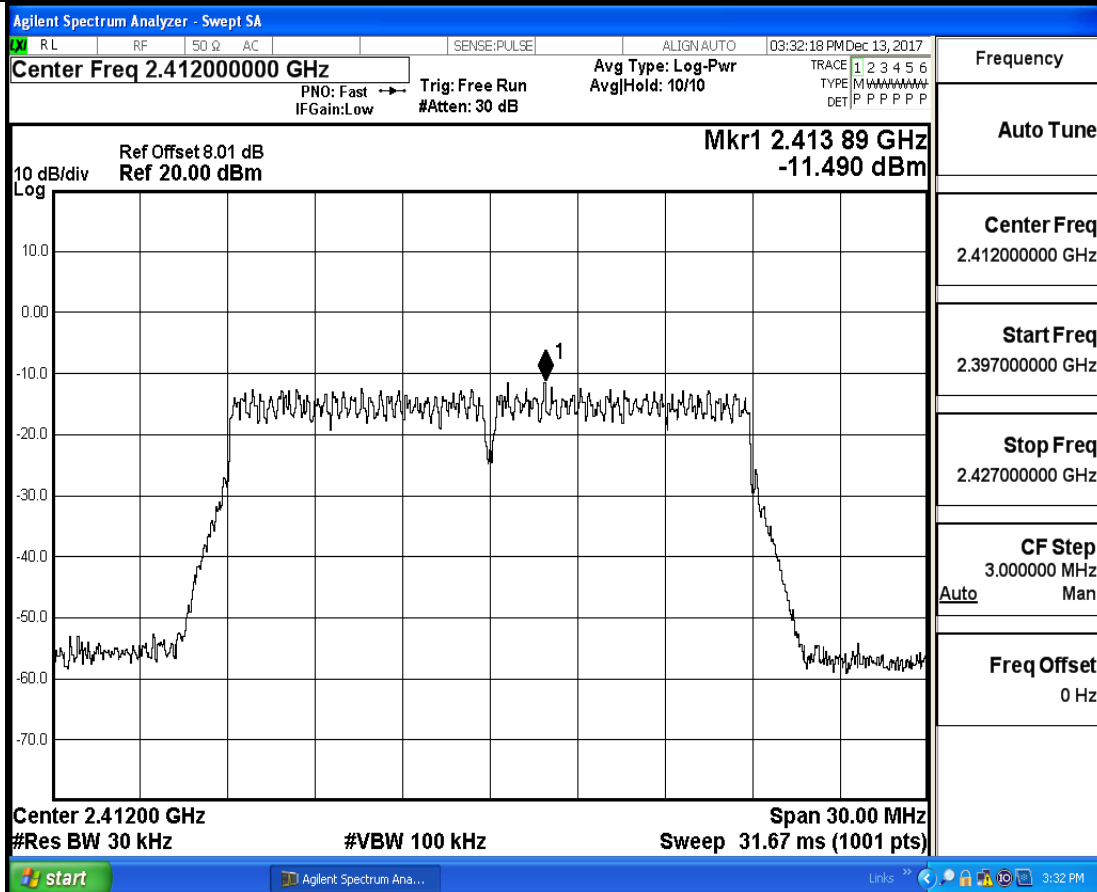
Maximum Peak power spectral density_11G_2437_Ant1



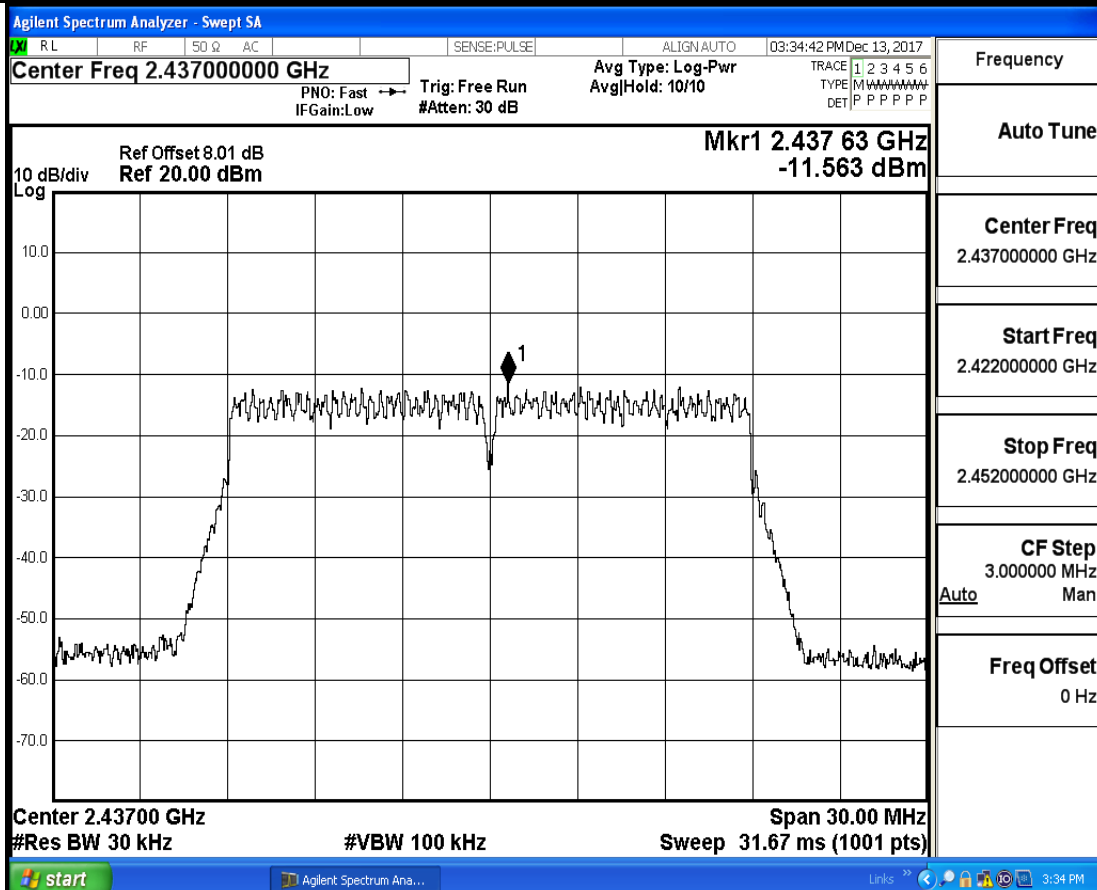
Maximum Peak power spectral density_11G_2462_Ant1



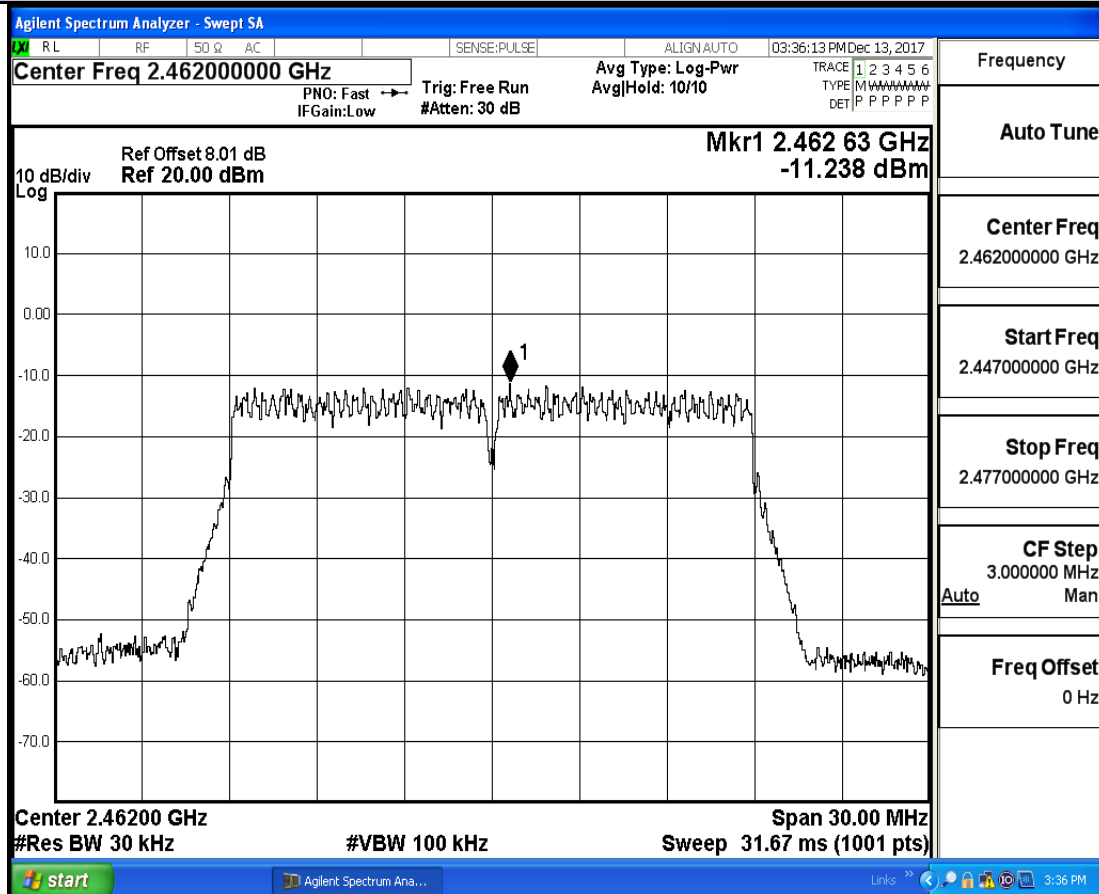
Maximum Peak power spectral density_11N20SISO_2412_Ant1



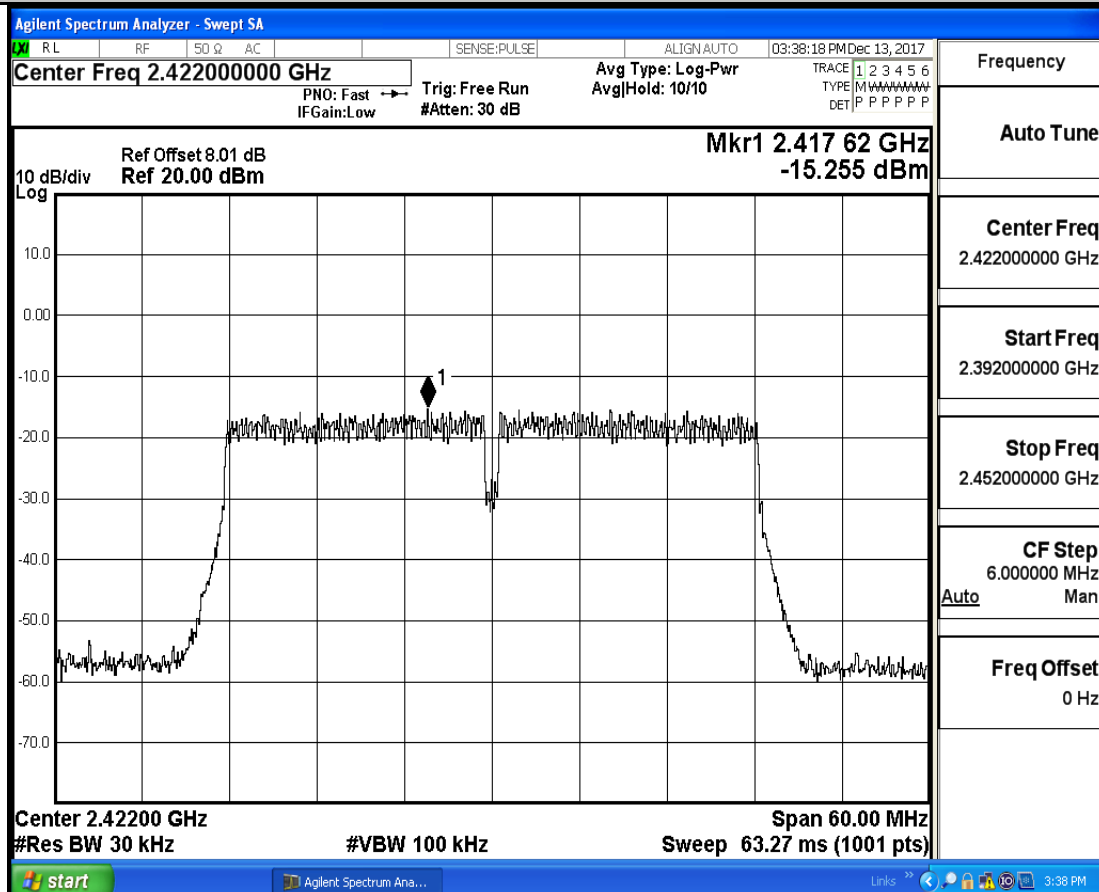
Maximum Peak power spectral density_11N20SISO_2437_Ant1



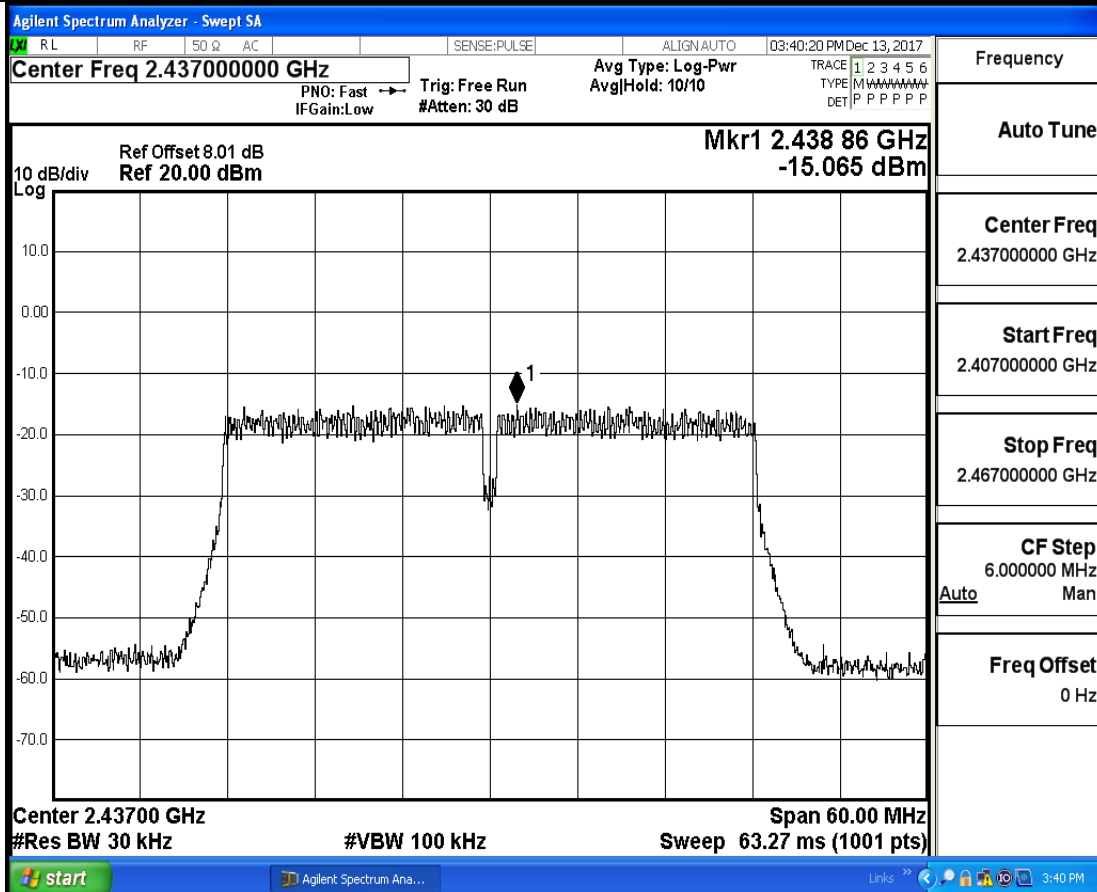
Maximum Peak power spectral density_11N20SISO_2462_Ant1



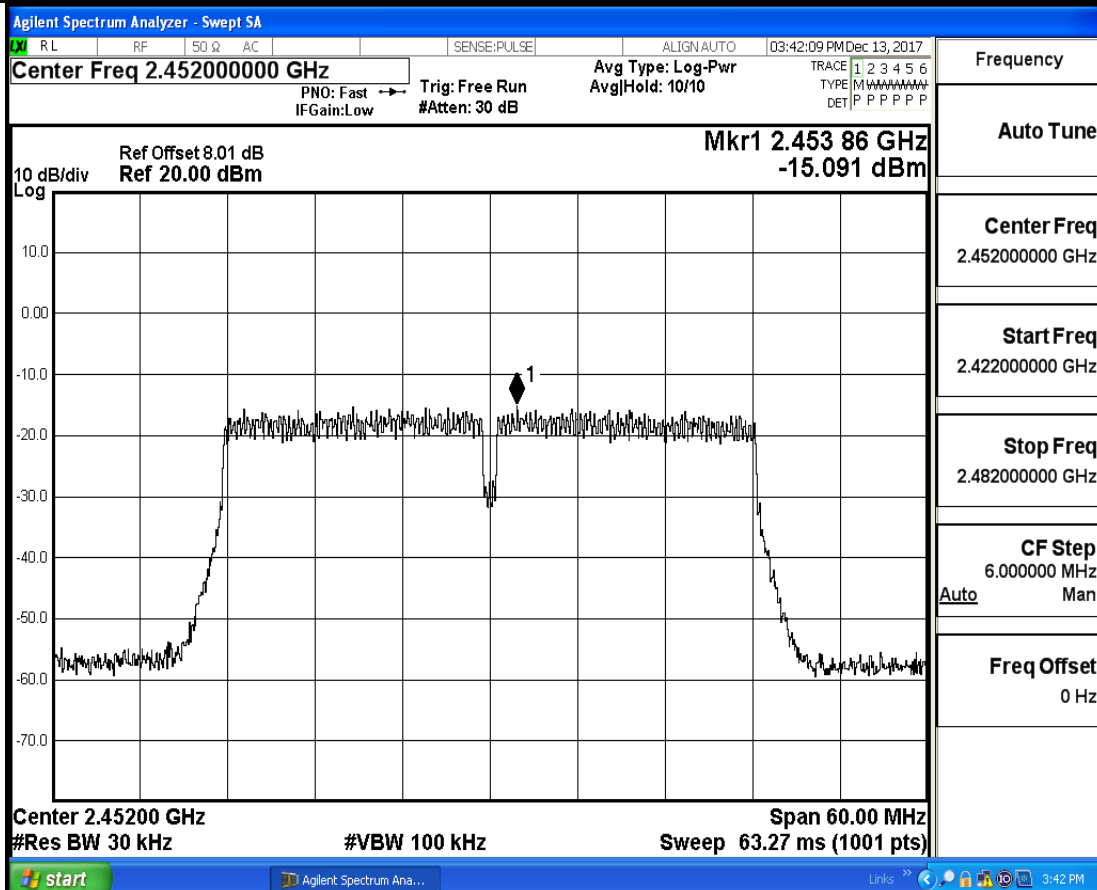
Maximum Peak power spectral density_11N40SISO_2422_Ant1



Maximum Peak power spectral density_11N40ISO_2437_Ant1



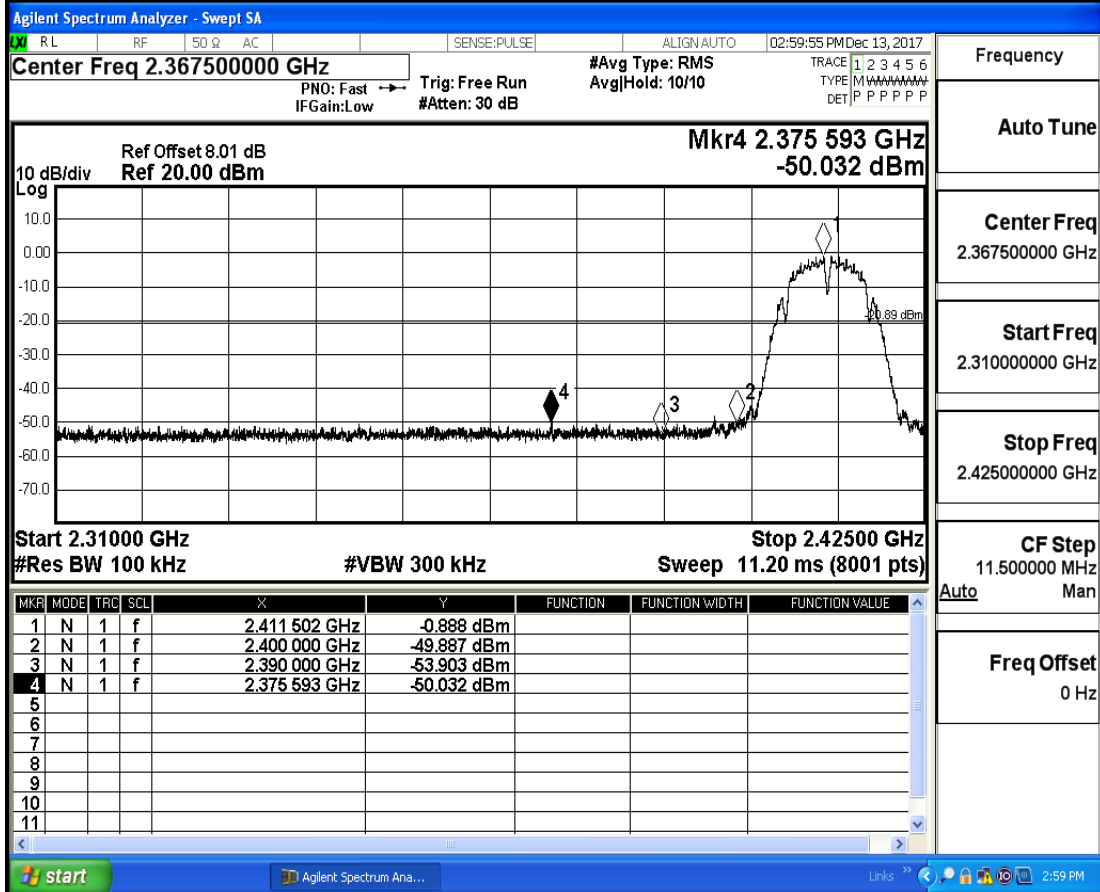
Maximum Peak power spectral density_11N40ISO_2452_Ant1



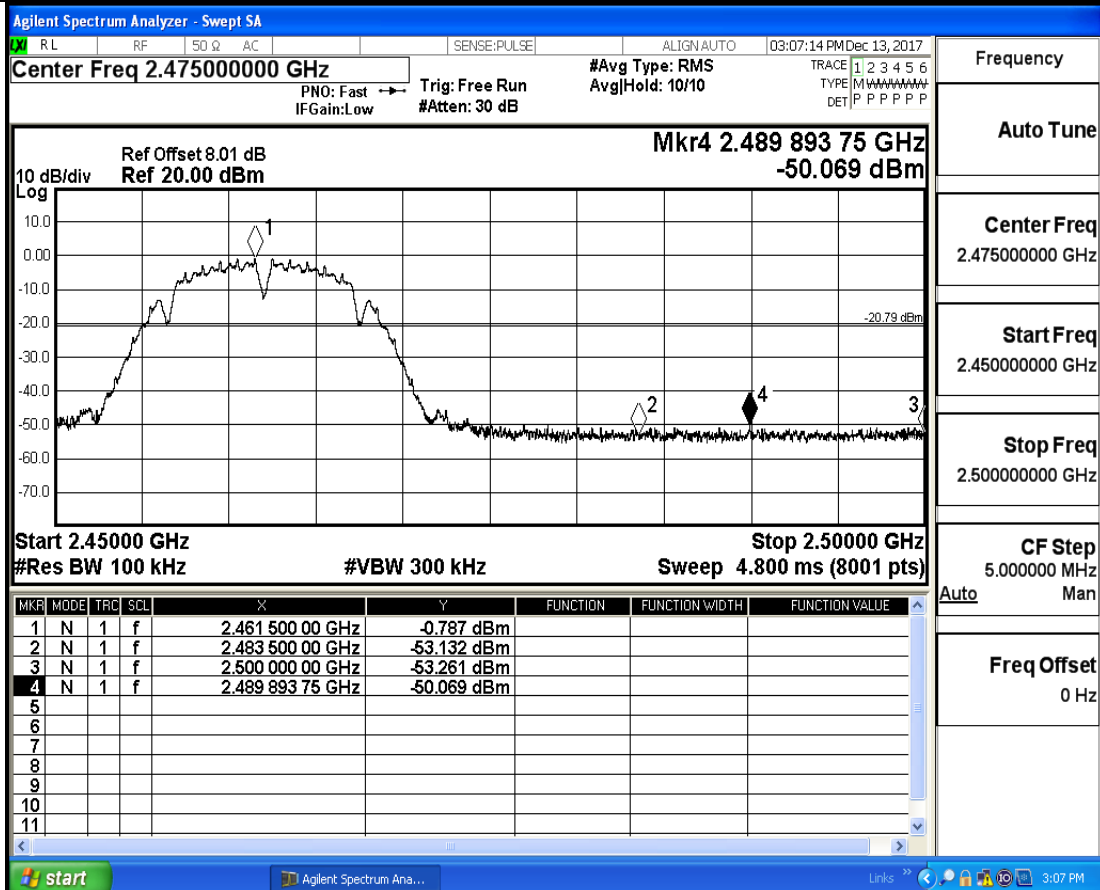
A.4 Band-edge for RF Conducted Emissions

Test Mode	Test Channel	Ant	Carrier Power[dBm]	Max. Spurious Level [dBm]	Limit [dBm]	Verdict
11B	2412	Ant1	-0.888	-50.032	-20.89	PASS
11B	2462	Ant1	-0.787	-50.069	-20.79	PASS
11G	2412	Ant1	-8.932	-49.732	-28.93	PASS
11G	2462	Ant1	-8.881	-49.437	-28.88	PASS
11N20SISO	2412	Ant1	-9.126	-50.012	-29.13	PASS
11N20SISO	2462	Ant1	-8.322	-49.900	-28.32	PASS
11N40SISO	2422	Ant1	-12.620	-48.717	-32.62	PASS
11N40SISO	2452	Ant1	-12.175	-49.684	-32.18	PASS

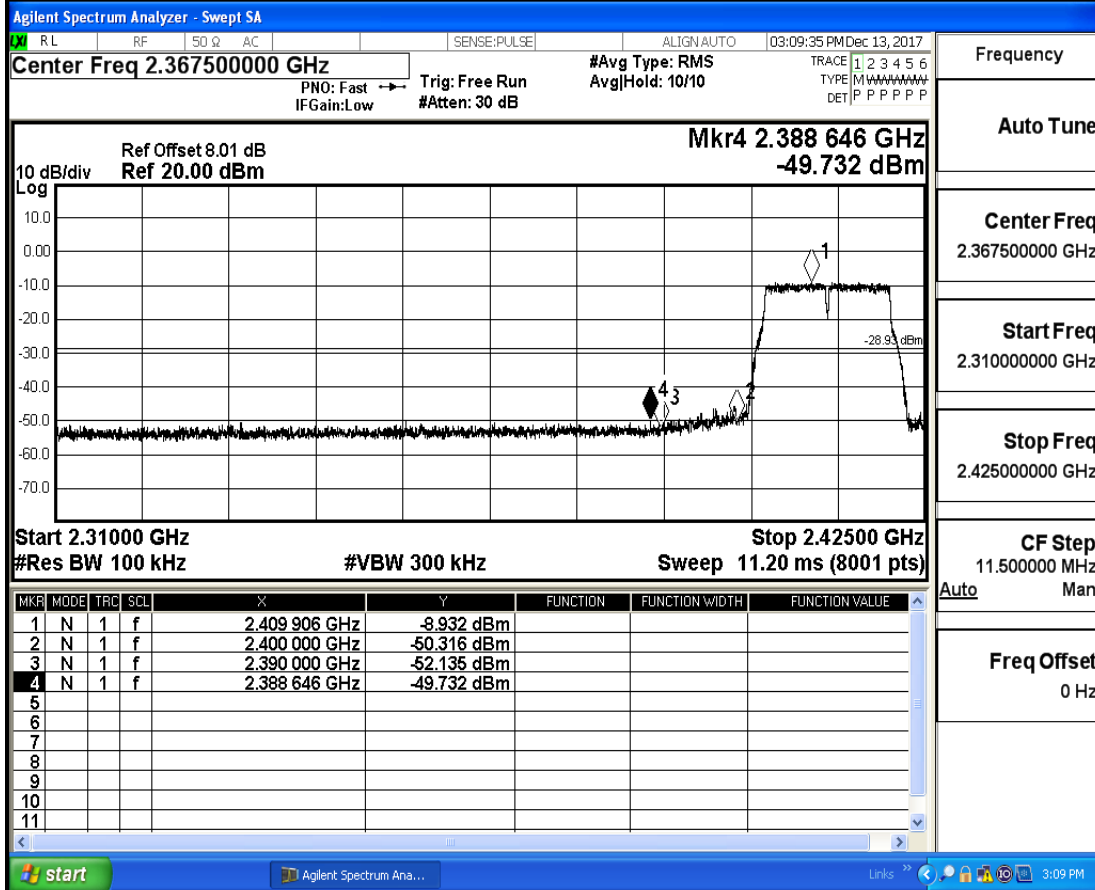
Band-edge for RF Conducted Emissions_11B_2412_Ant1



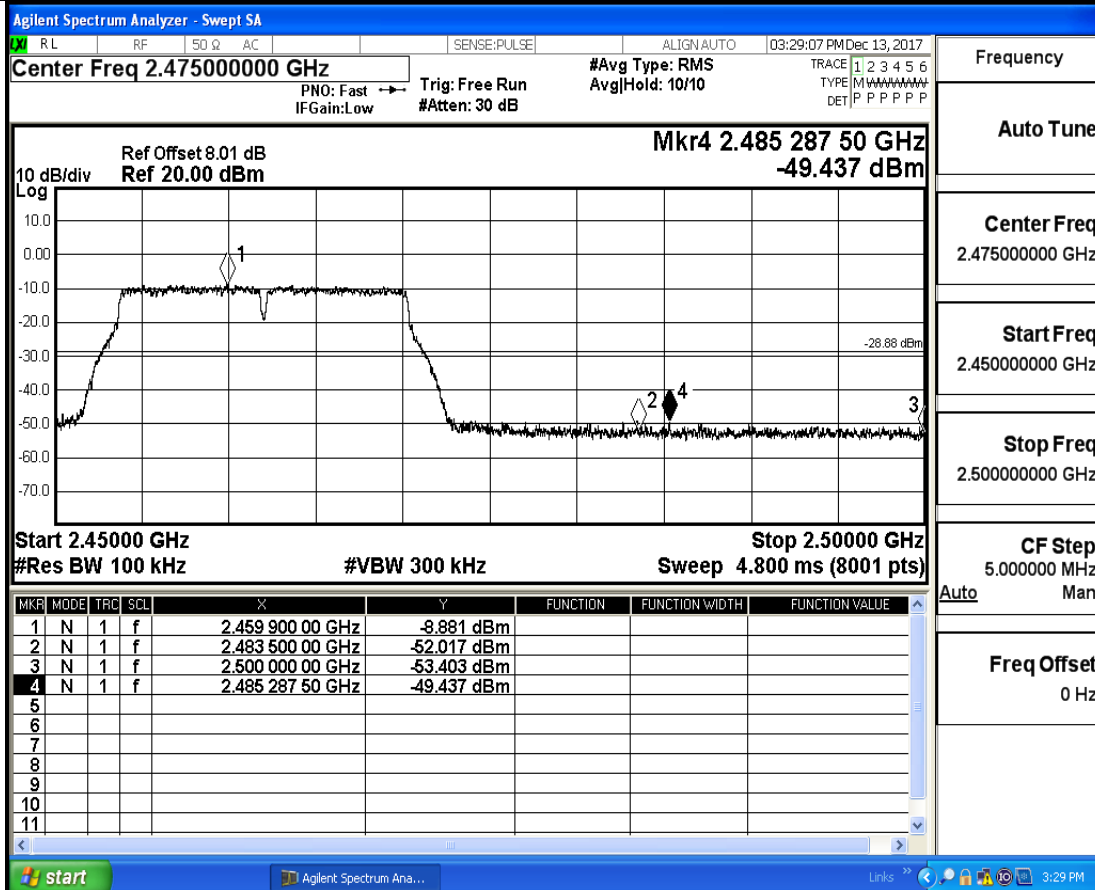
Band-edge for RF Conducted Emissions_11B_2462_Ant1



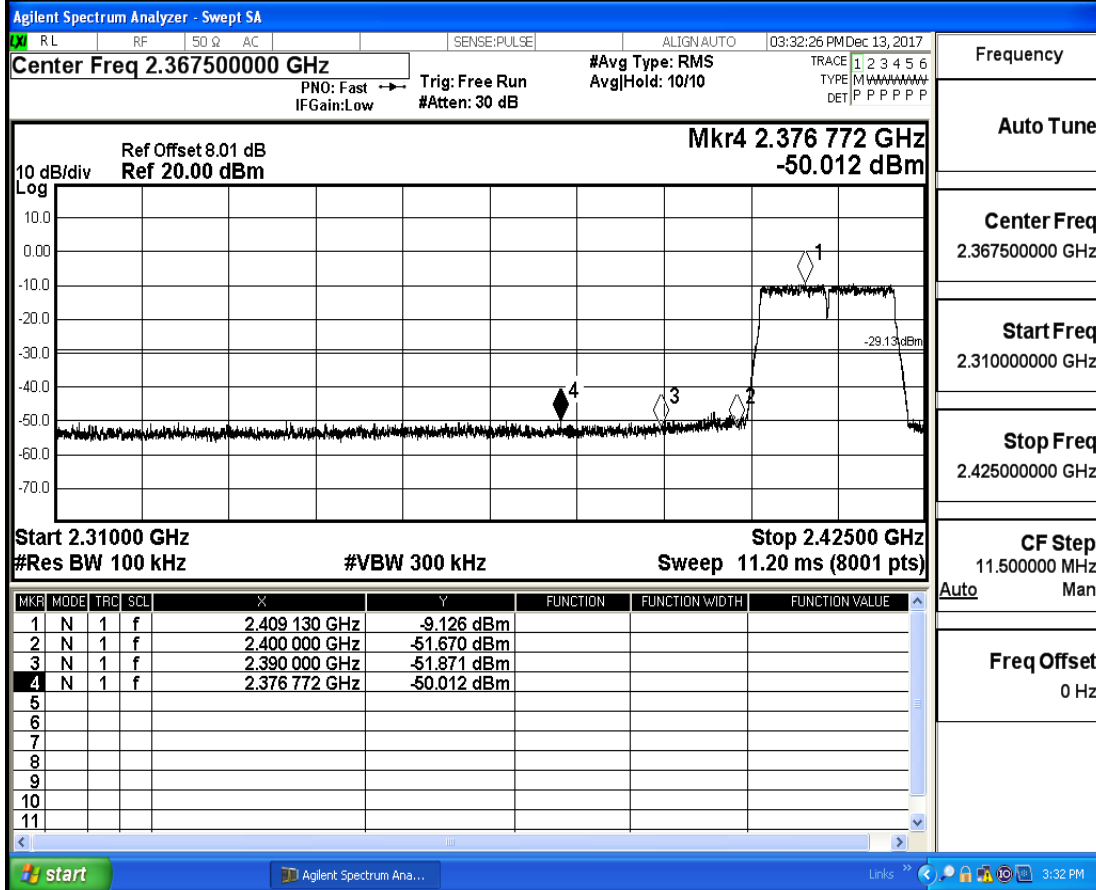
Band-edge for RF Conducted Emissions_11G_2412_Ant1



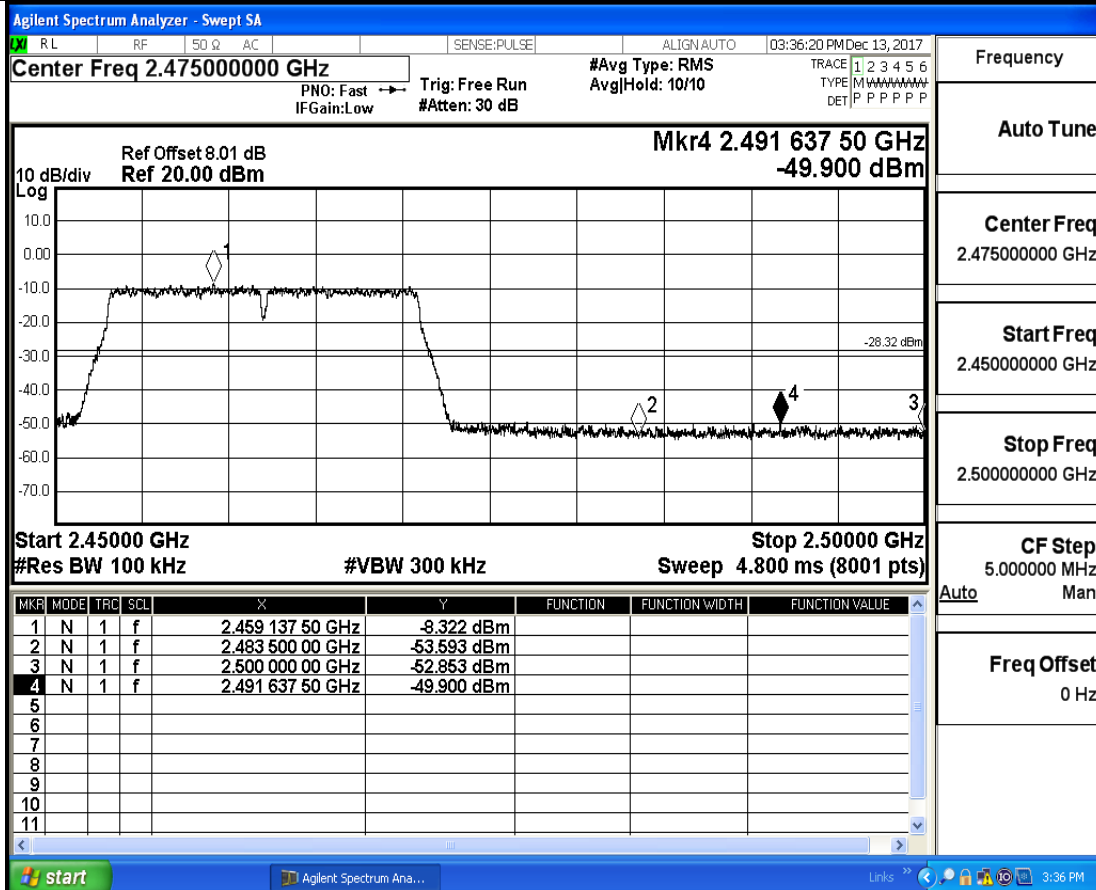
Band-edge for RF Conducted Emissions_11G_2462_Ant1



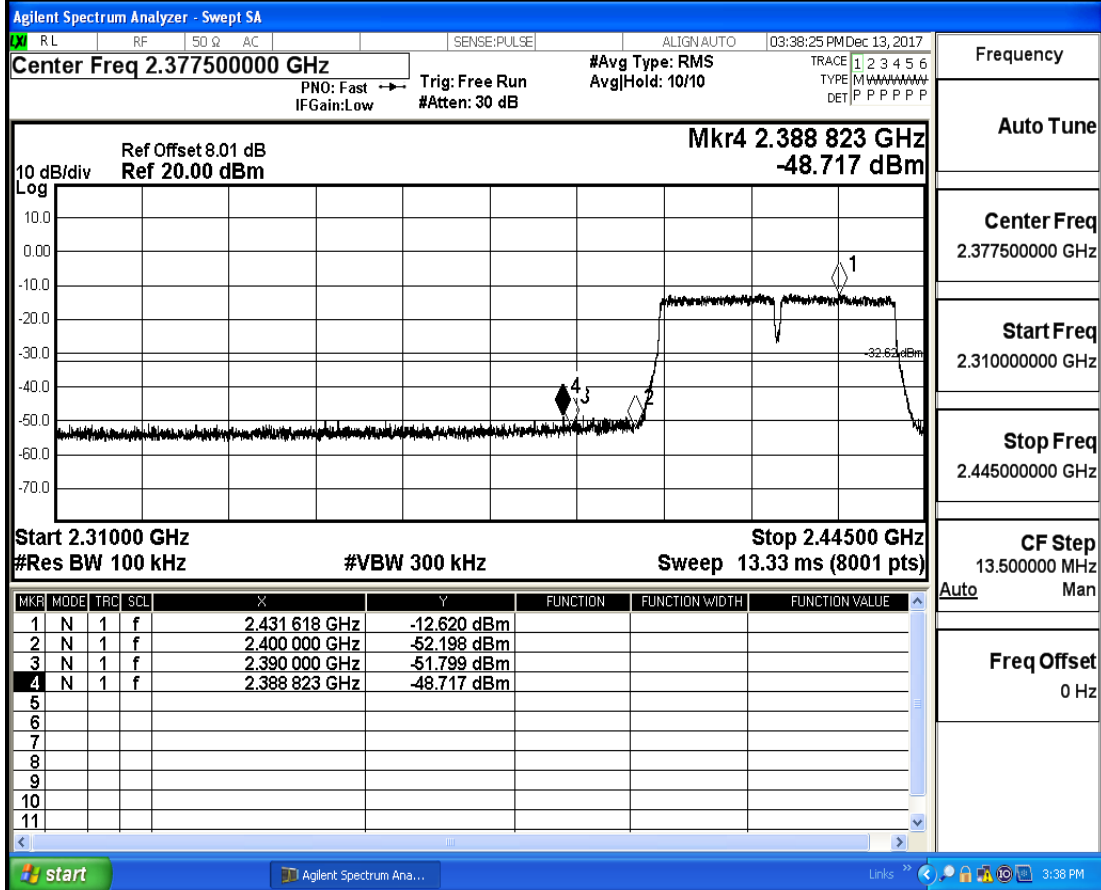
Band-edge for RF Conducted Emissions_11N20SISO_2412_Ant1



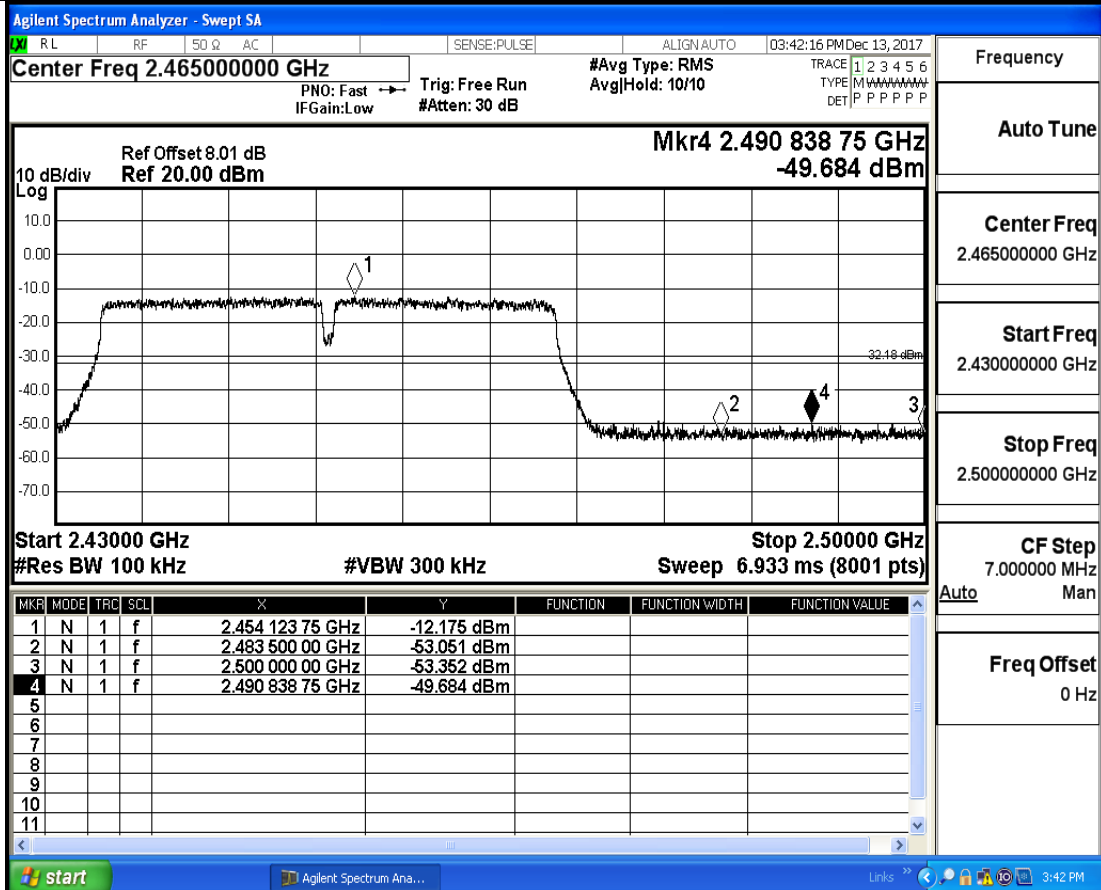
Band-edge for RF Conducted Emissions_11N20SISO_2462_Ant1



Band-edge for RF Conducted Emissions_11N40SISO_2422_Ant1



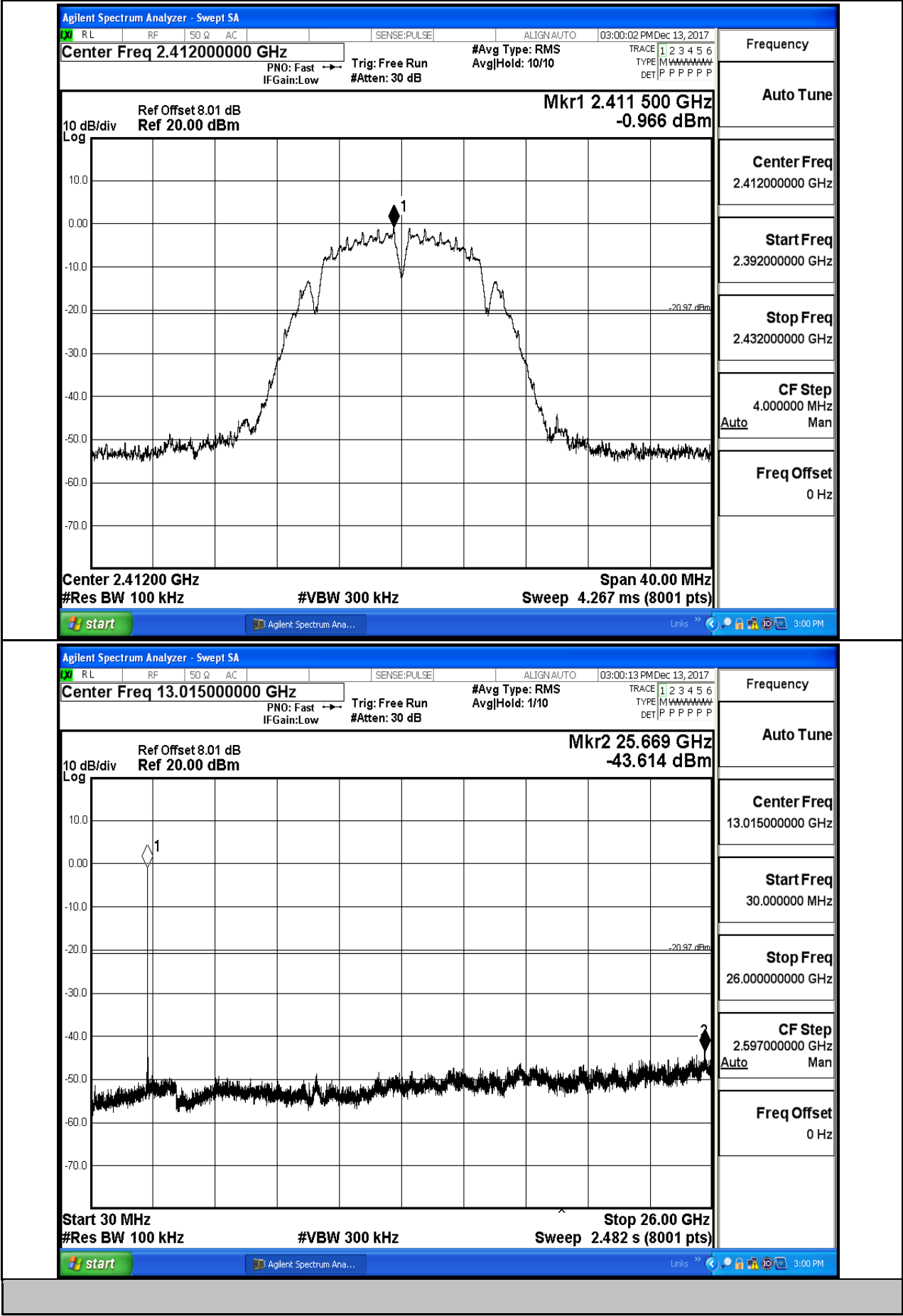
Band-edge for RF Conducted Emissions_11N40SISO_2452_Ant1



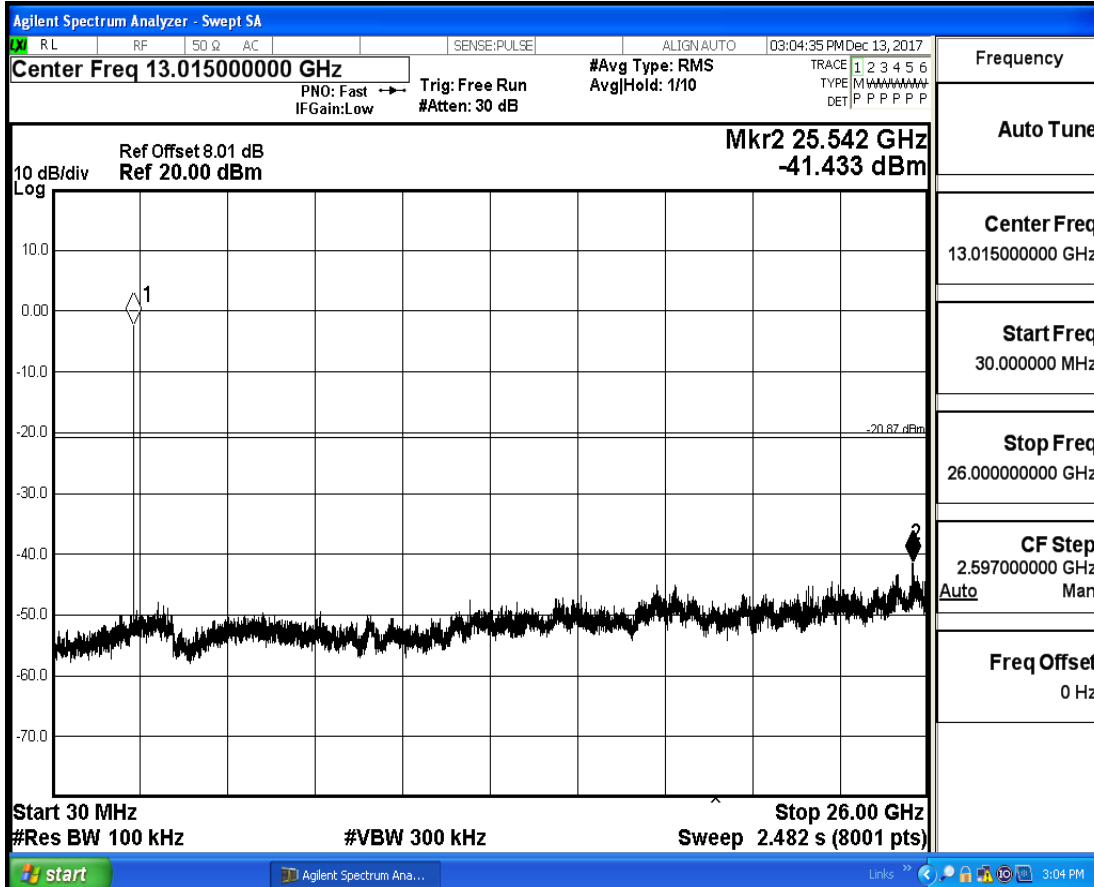
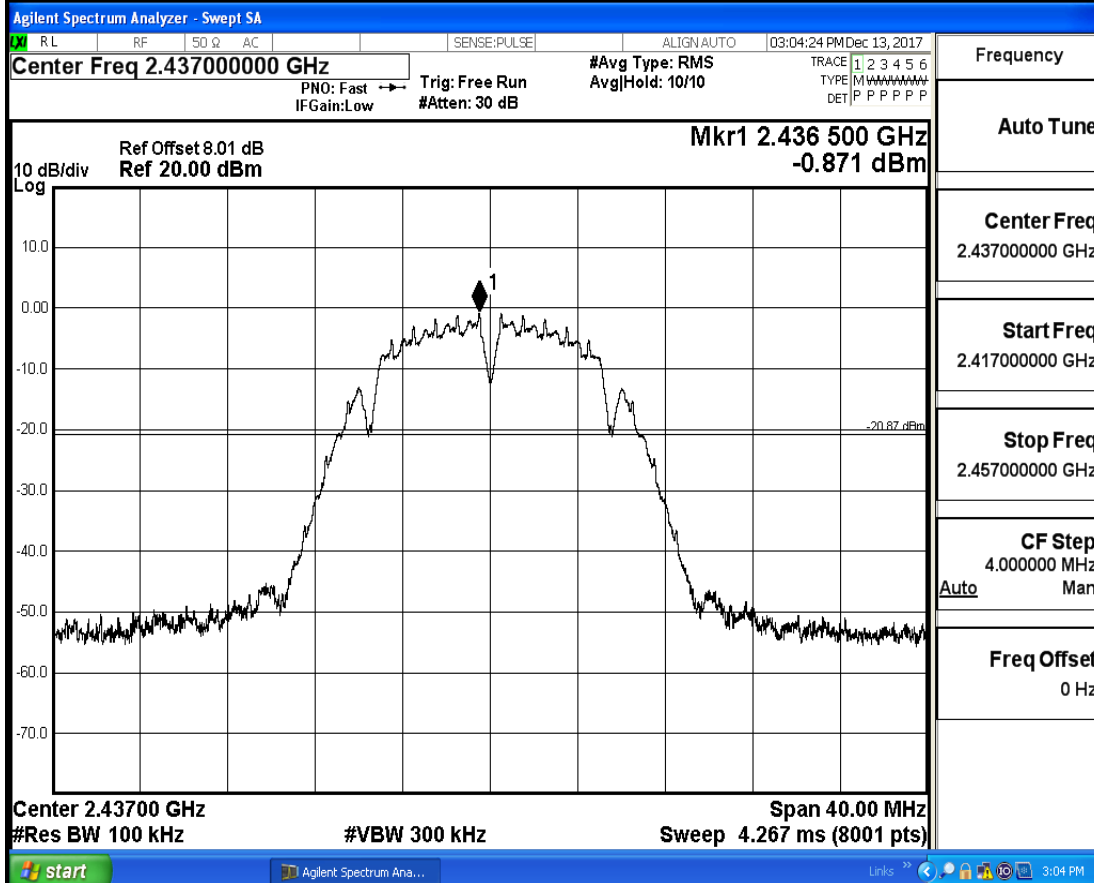
A.5 RF Conducted Spurious Emissions

Test Mode	Test Channel	Ant	StartFre [MHz]	StopFre [MHz]	RBW [kHz]	VBW [kHz]	Pref[dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
11B	2412	Ant1	30	26000	100	300	-0.966	-43.614	<- 20.966	PASS
11B	2437	Ant1	30	26000	100	300	-0.871	-41.433	<- 20.871	PASS
11B	2462	Ant1	30	26000	100	300	-0.824	-43.729	<- 20.824	PASS
11G	2412	Ant1	30	26000	100	300	-9.039	-42.847	<- 29.039	PASS
11G	2437	Ant1	30	26000	100	300	-9.301	-43.842	<- 29.301	PASS
11G	2462	Ant1	30	26000	100	300	-8.855	-43.784	<- 28.855	PASS
11N20SISO	2412	Ant1	30	26000	100	300	-8.769	-42.791	<- 28.769	PASS
11N20SISO	2437	Ant1	30	26000	100	300	-8.937	-42.219	<- 28.937	PASS
11N20SISO	2462	Ant1	30	26000	100	300	-8.358	-43.721	<- 28.358	PASS
11N40SISO	2422	Ant1	30	26000	100	300	-11.937	-43.238	<- 31.937	PASS
11N40SISO	2437	Ant1	30	26000	100	300	-11.866	-43.465	<- 31.866	PASS
11N40SISO	2452	Ant1	30	26000	100	300	-12.448	-44.233	<- 32.448	PASS

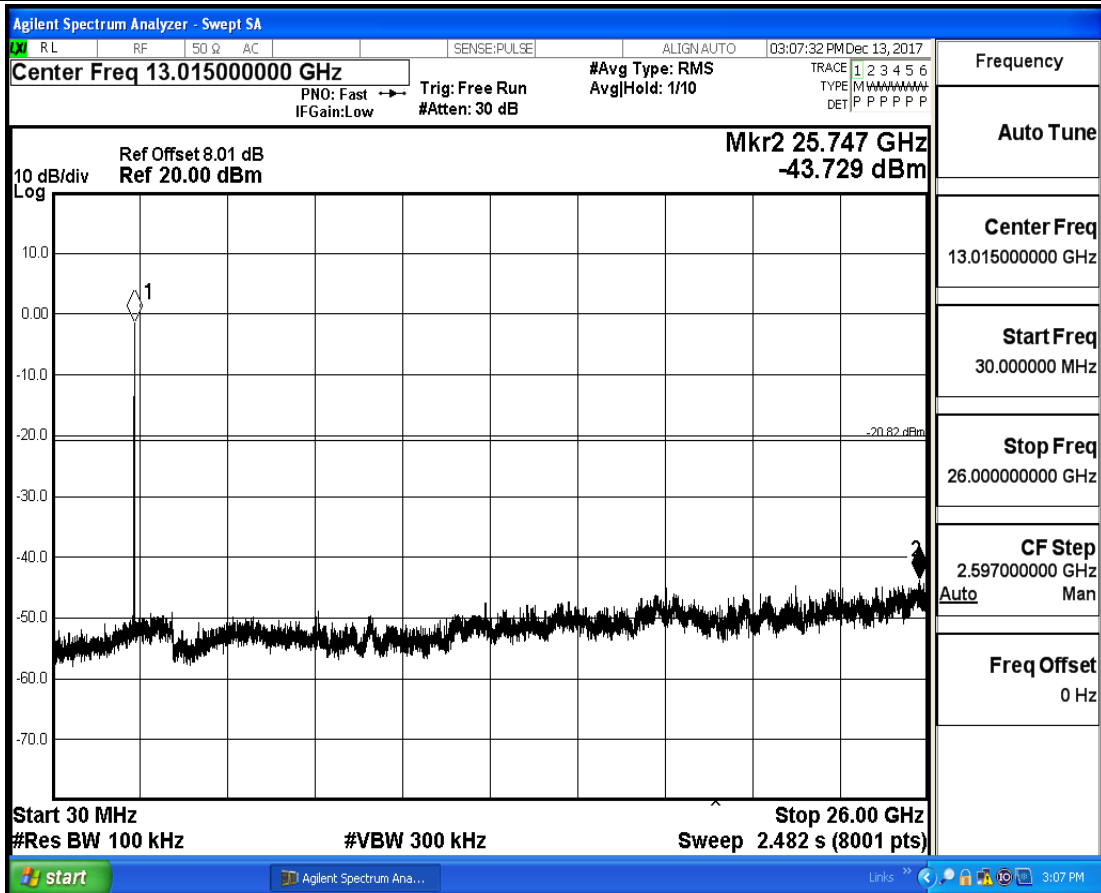
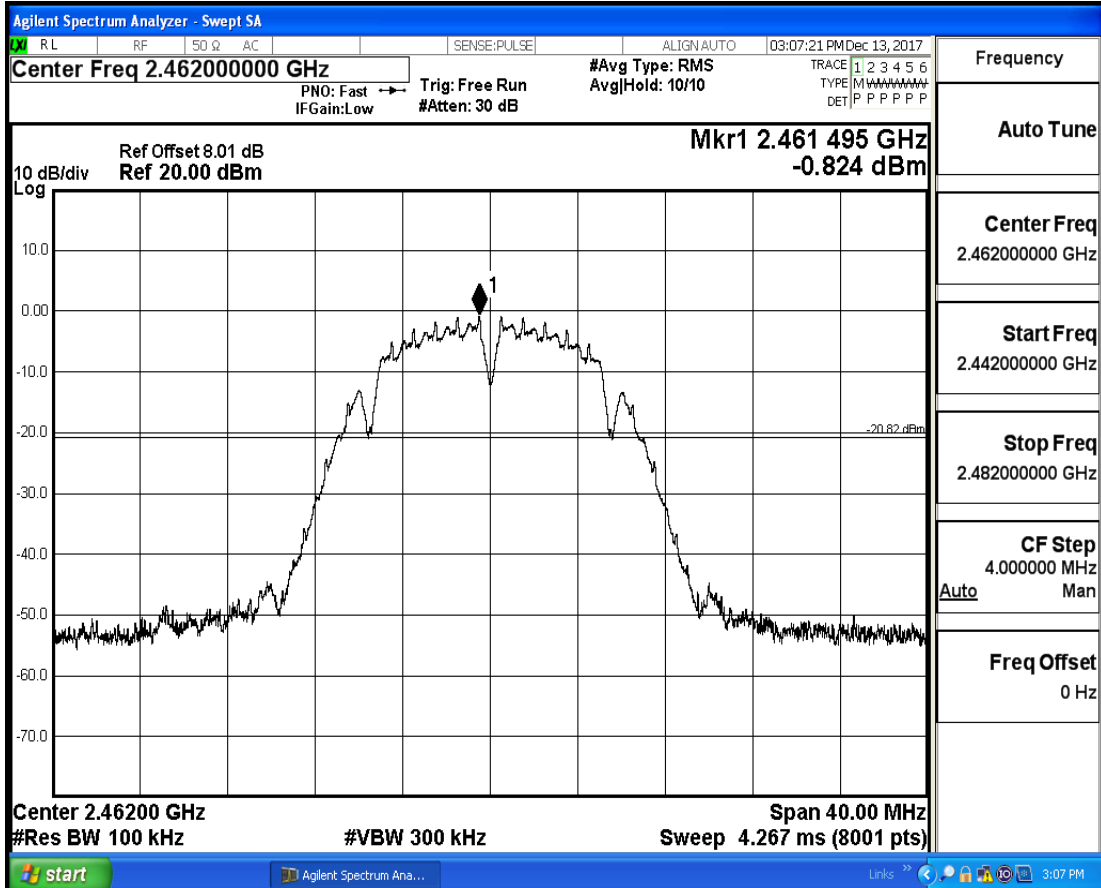
RF Conducted Spurious Emissions_11B_2412_Ant1



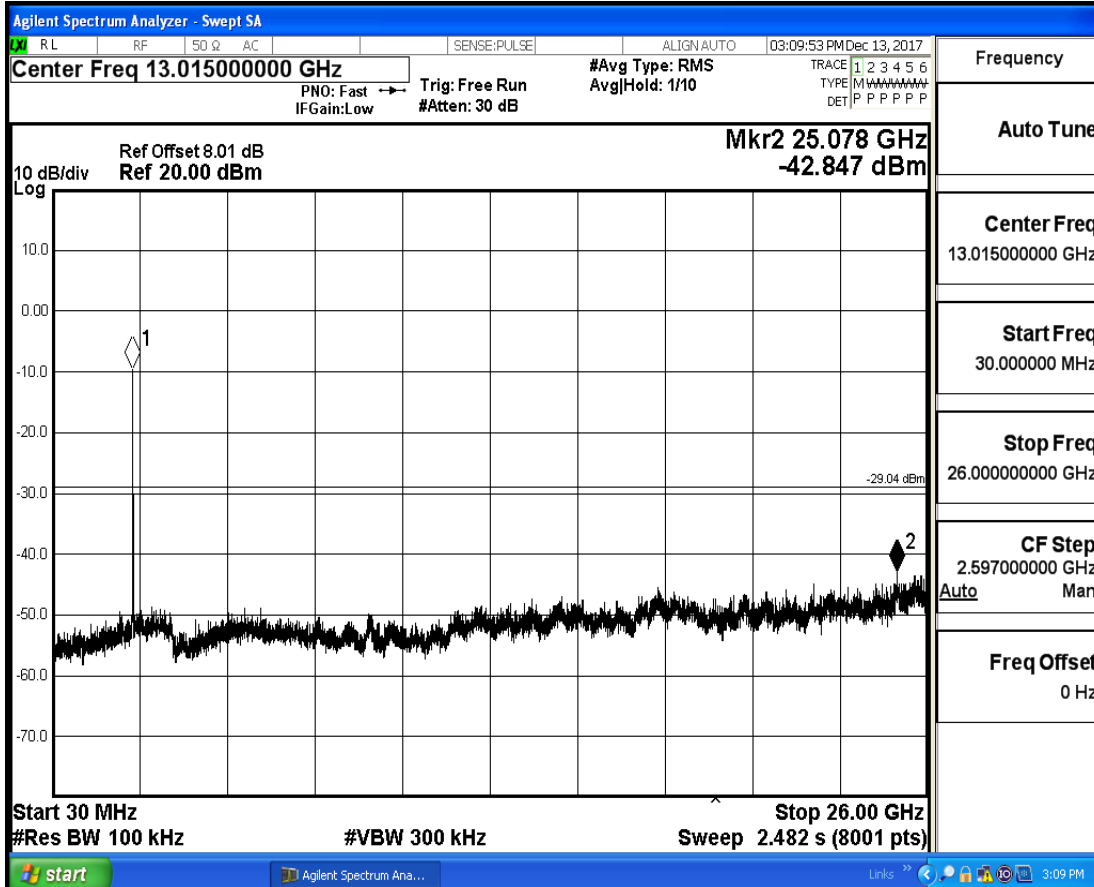
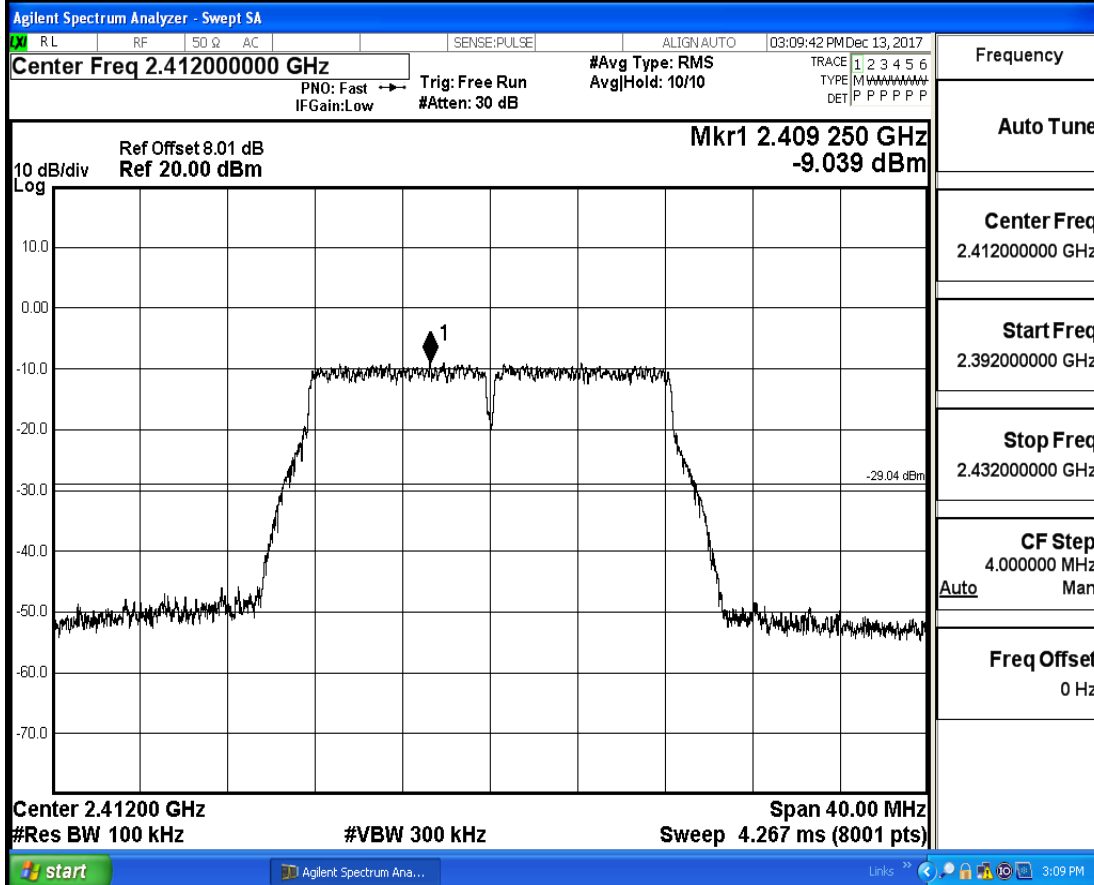
RF Conducted Spurious Emissions_11B_2437_Ant1



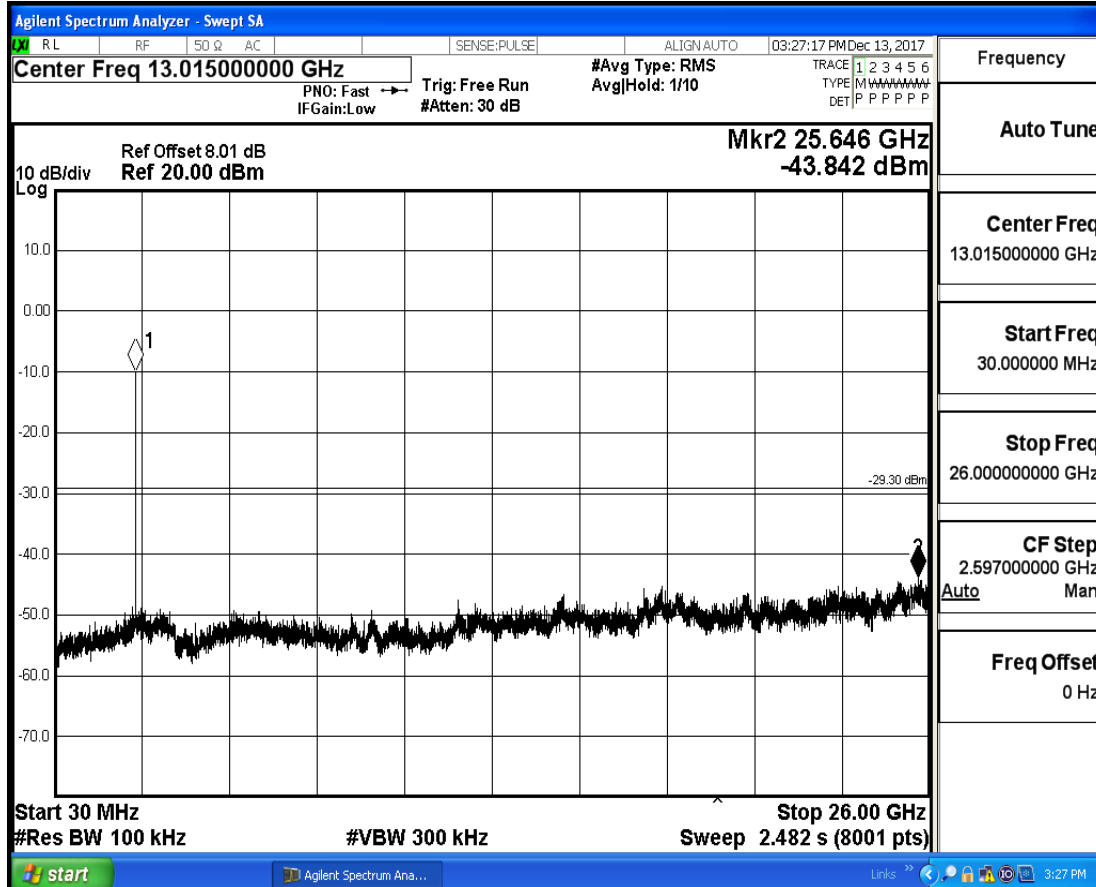
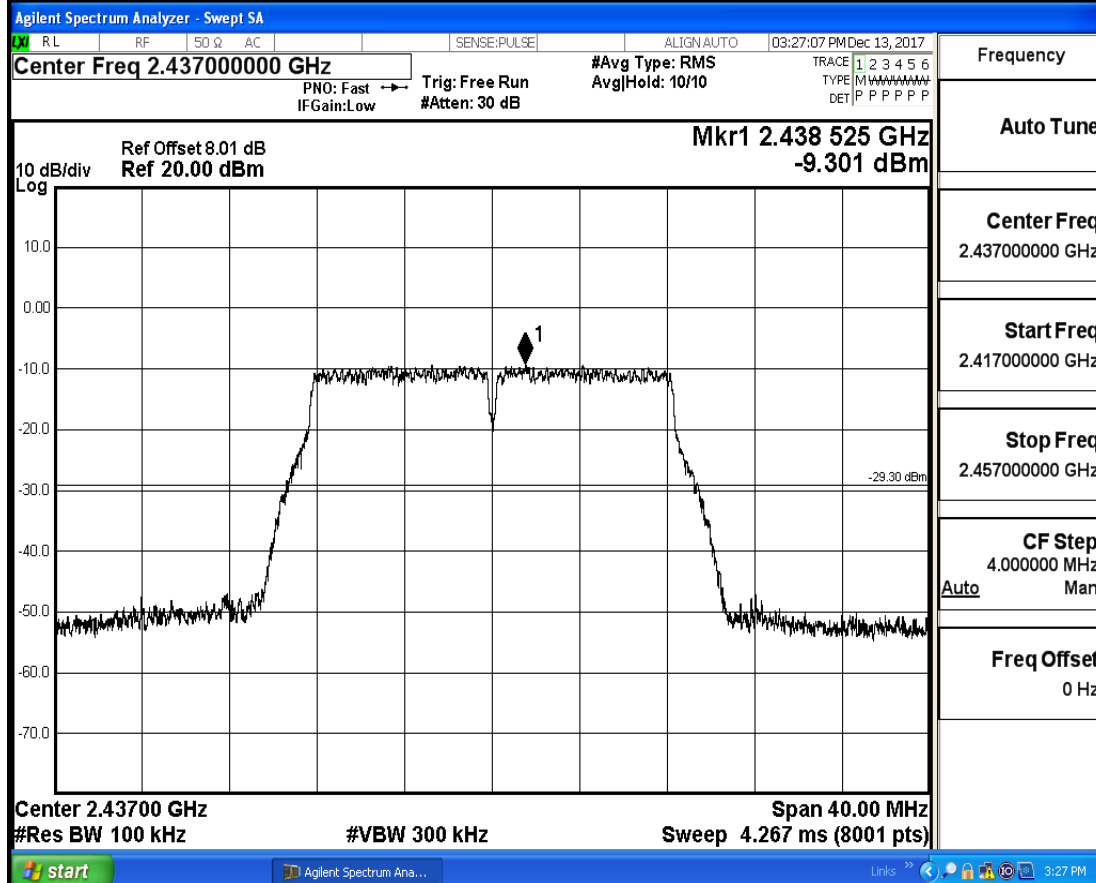
RF Conducted Spurious Emissions_11B_2462_Ant1



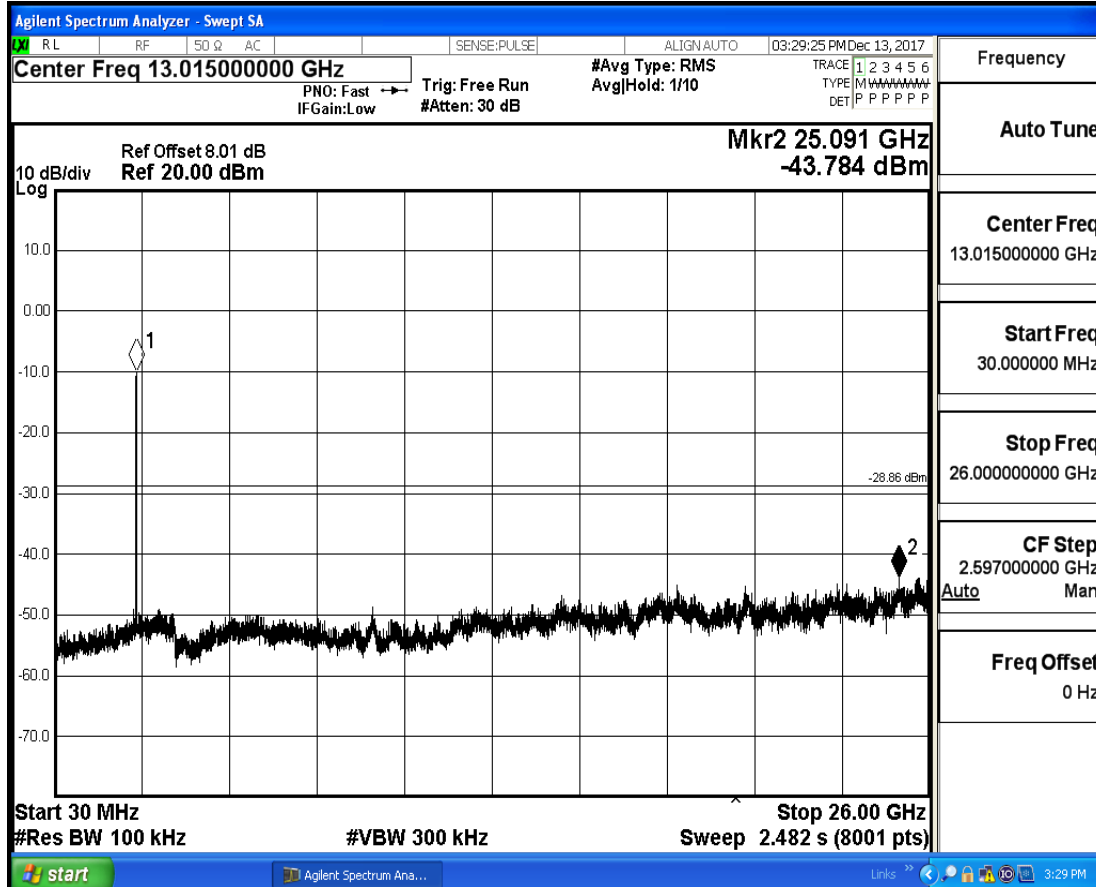
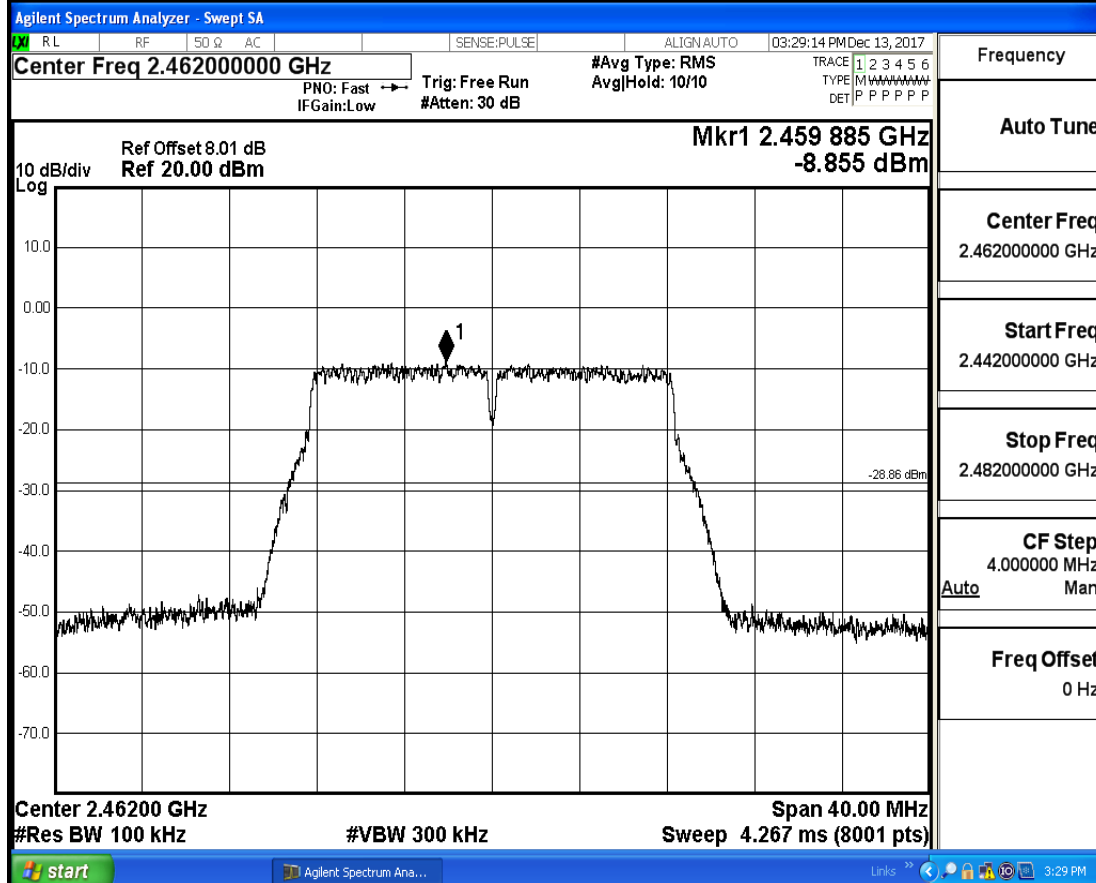
RF Conducted Spurious Emissions_11G_2412_Ant1



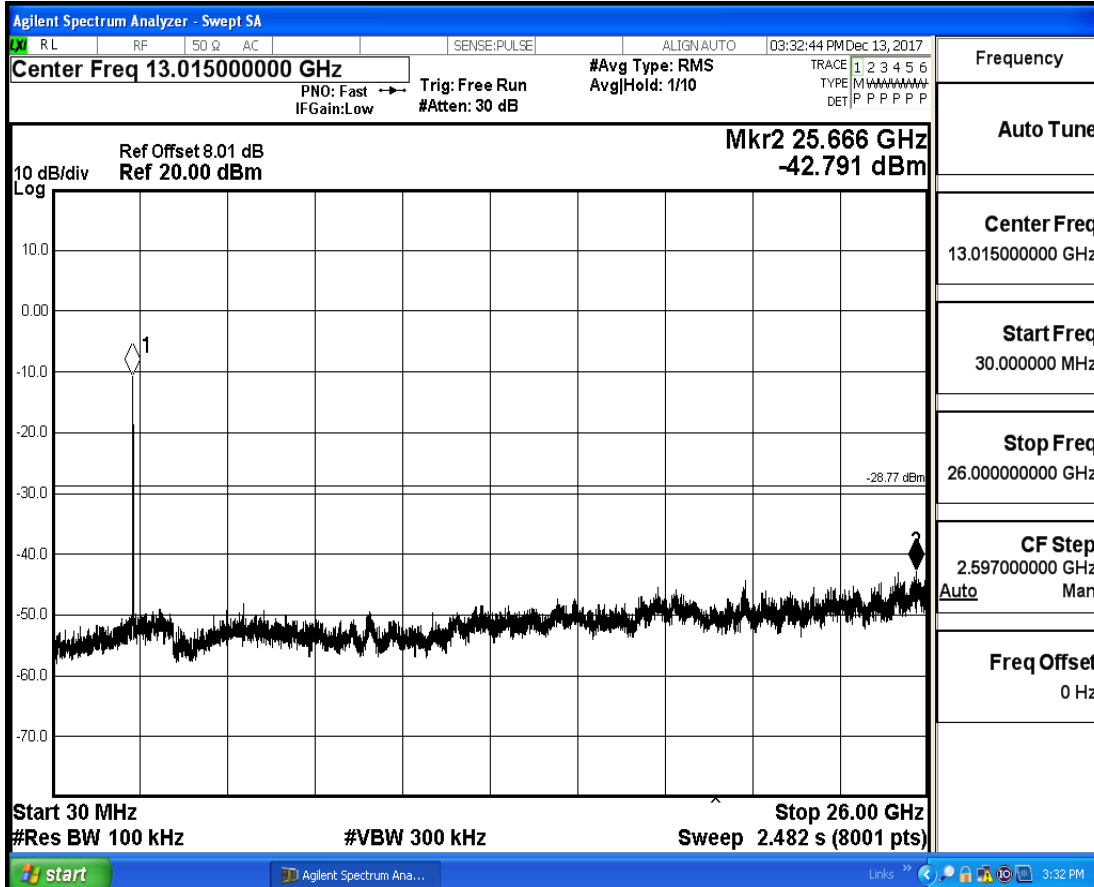
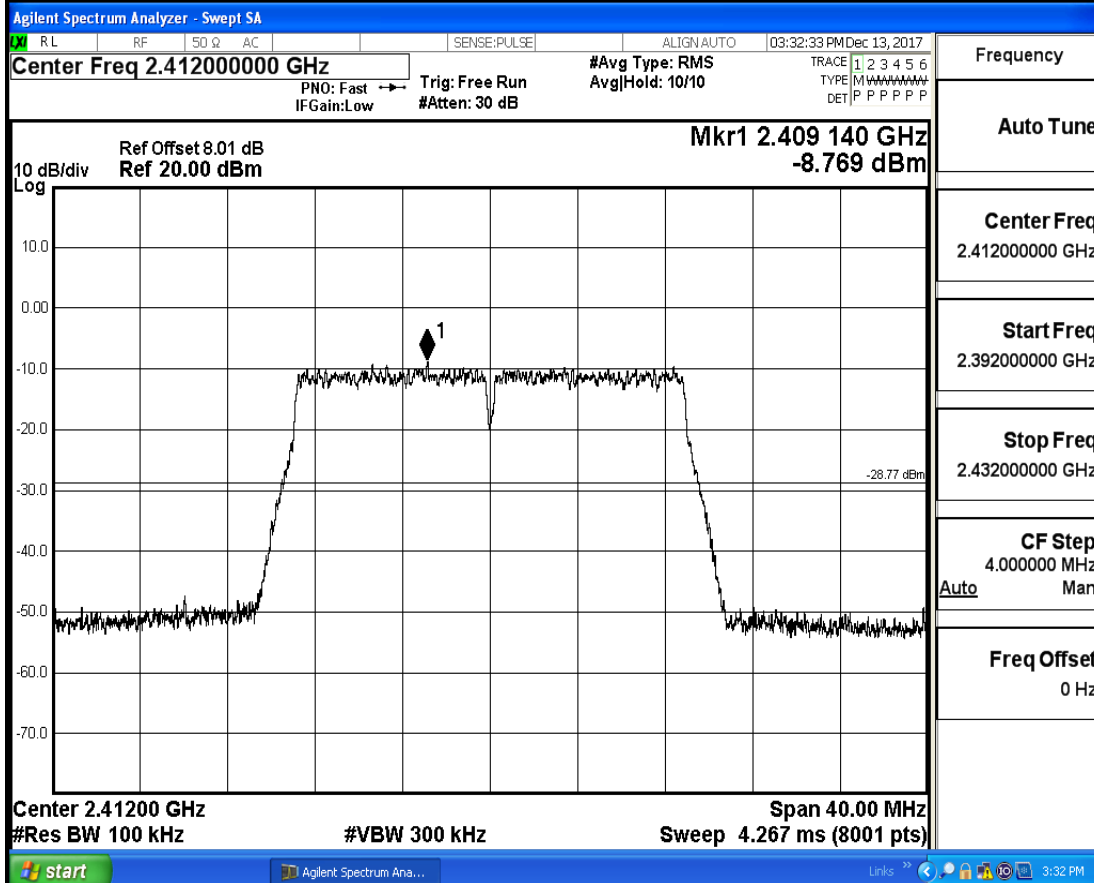
RF Conducted Spurious Emissions_11G_2437_Ant1



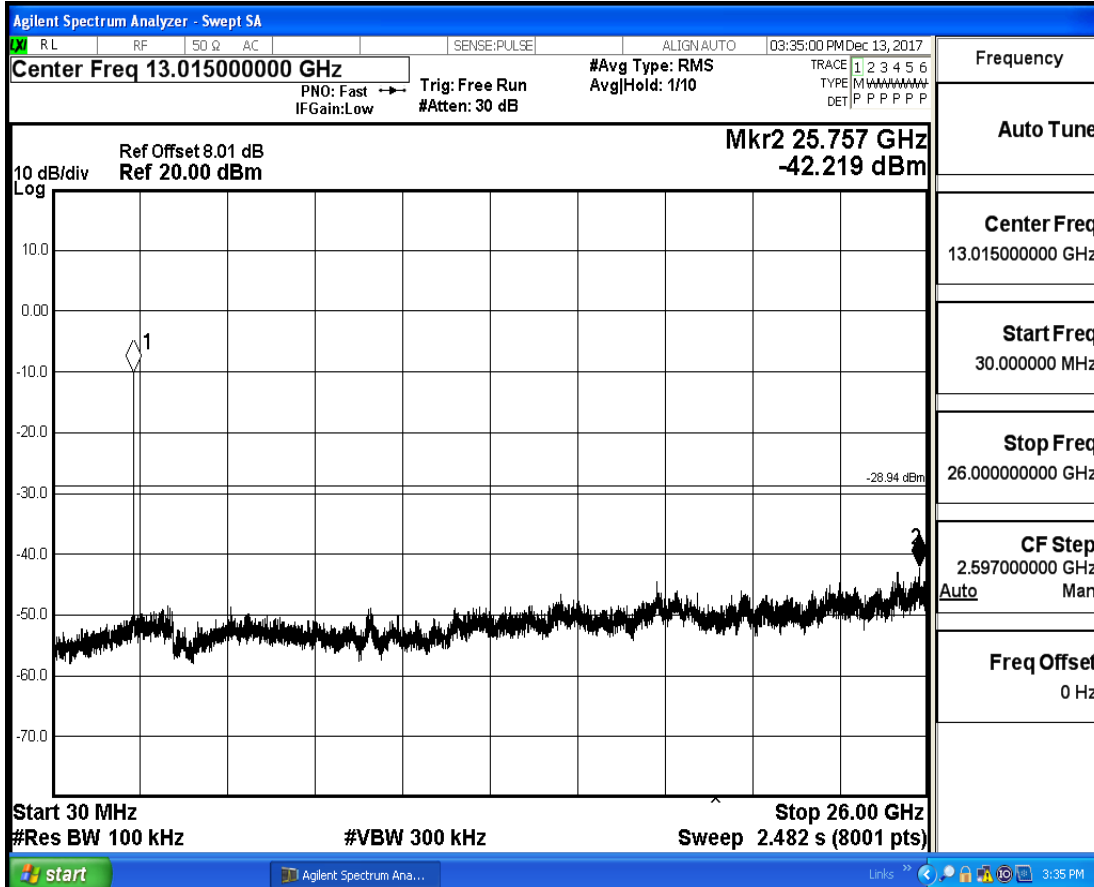
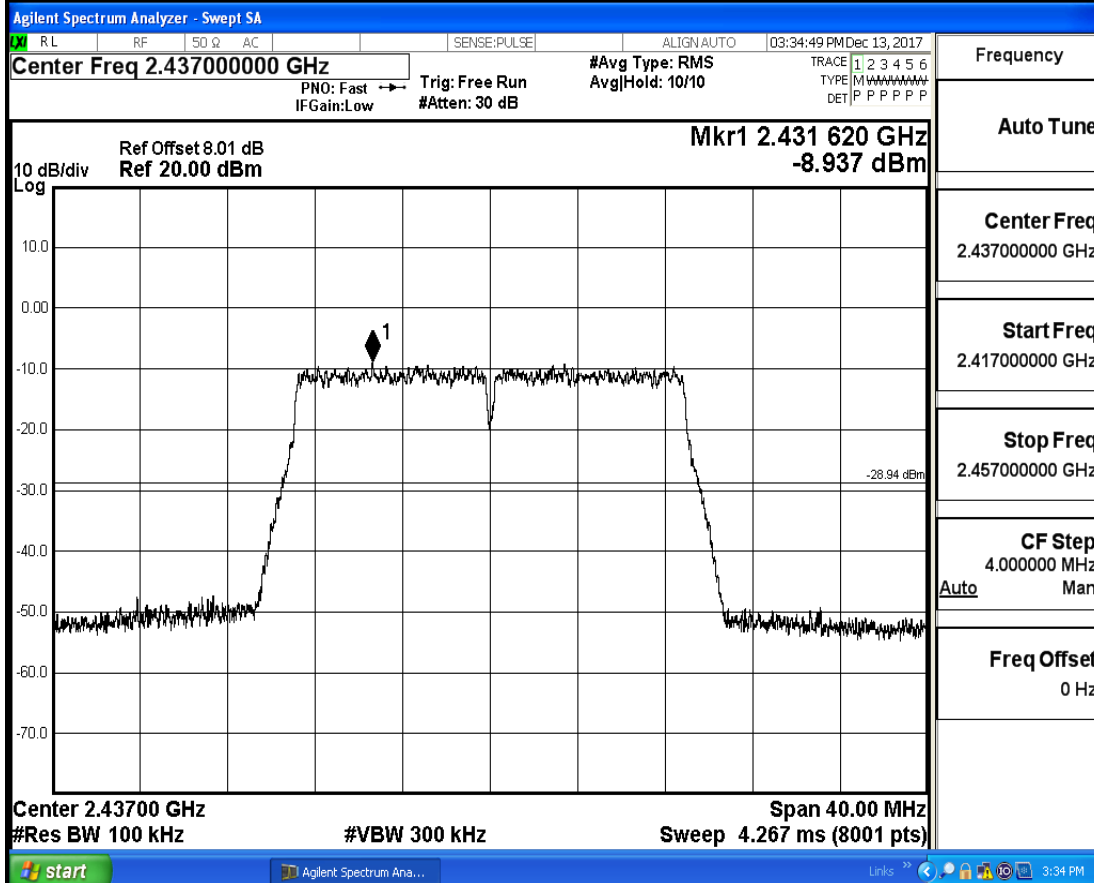
RF Conducted Spurious Emissions_11G_2462_Ant1



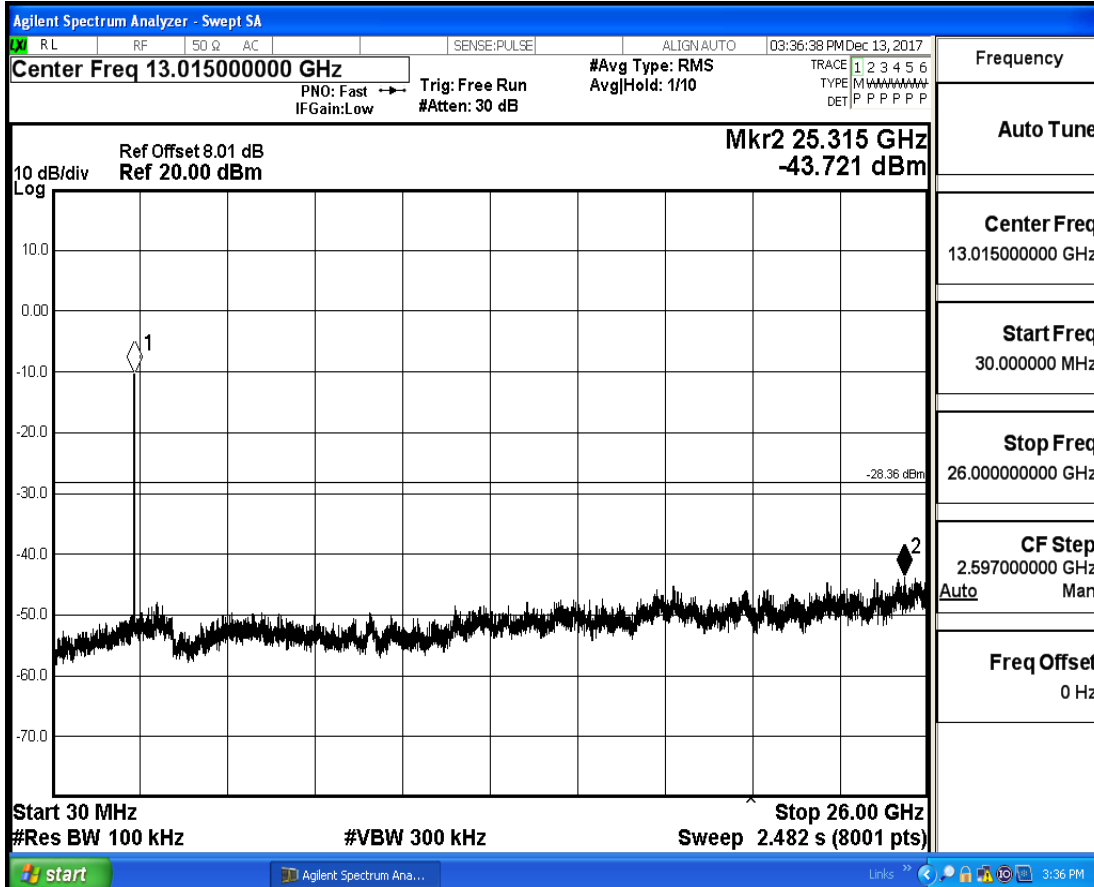
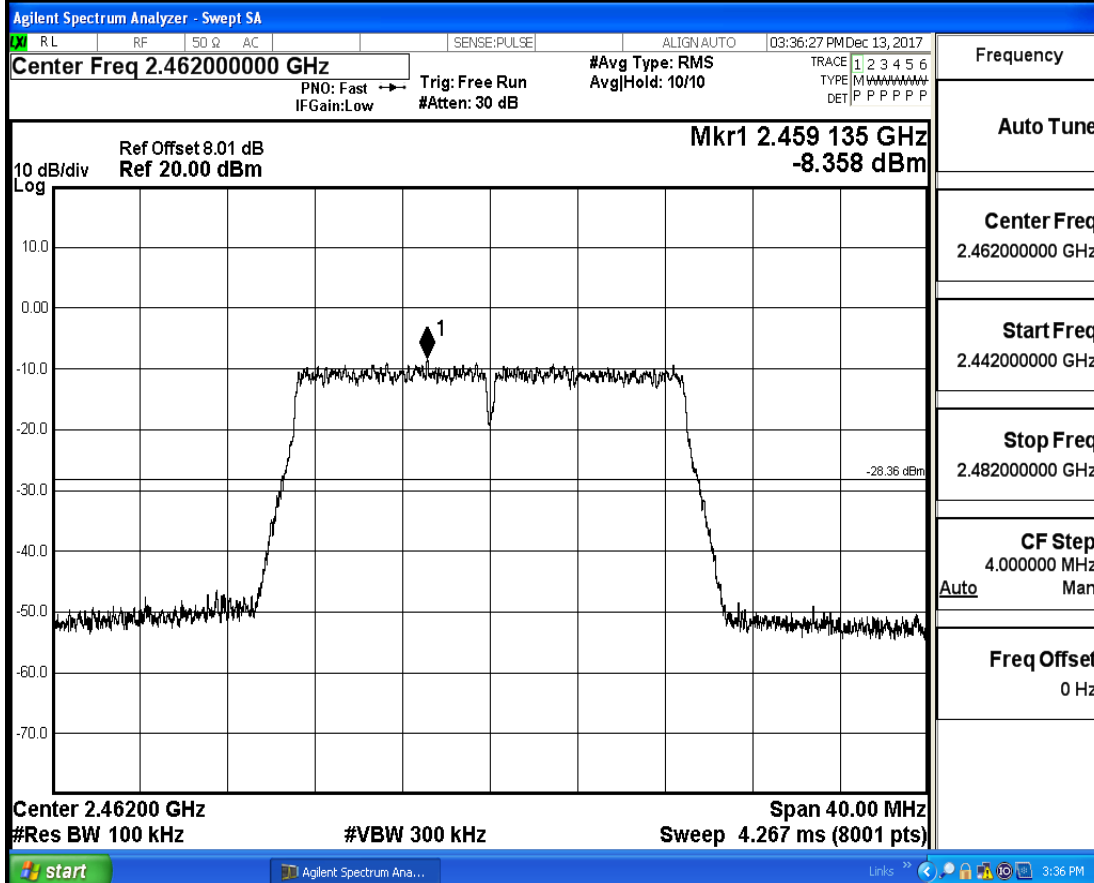
RF Conducted Spurious Emissions_11N20SISO_2412_Ant1



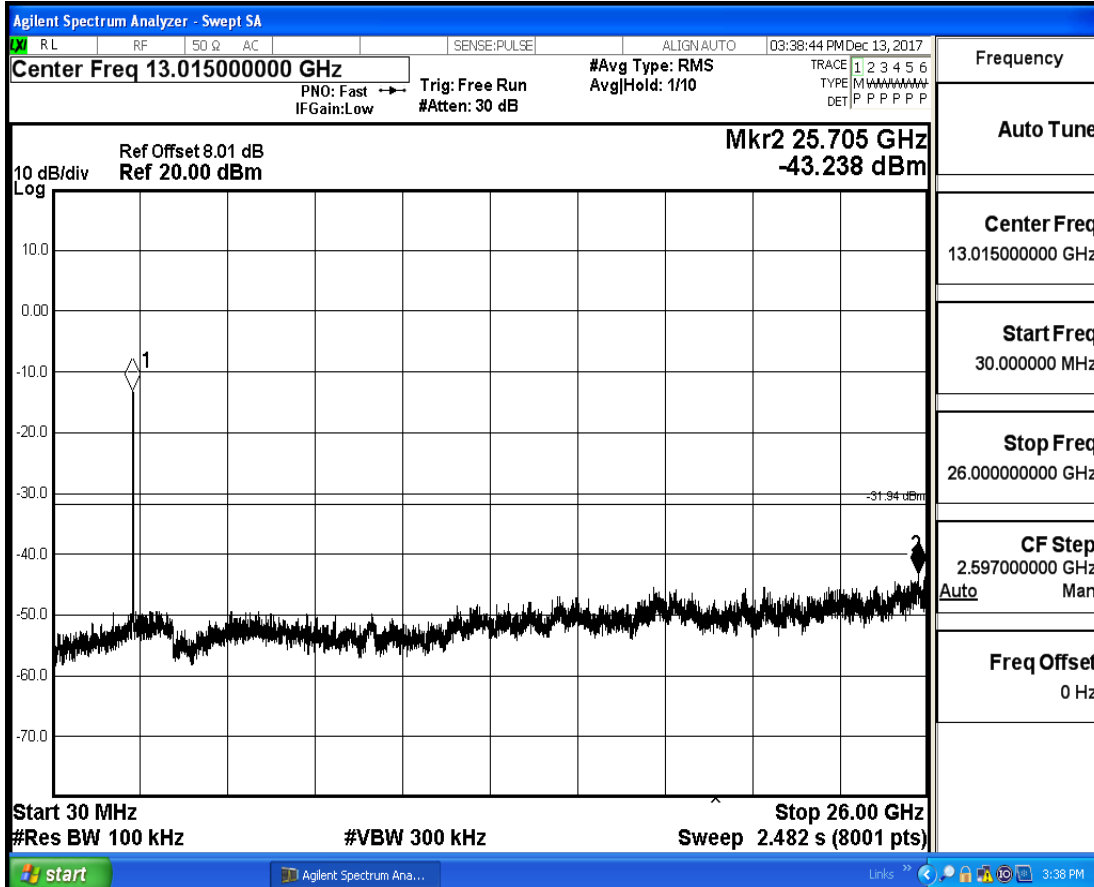
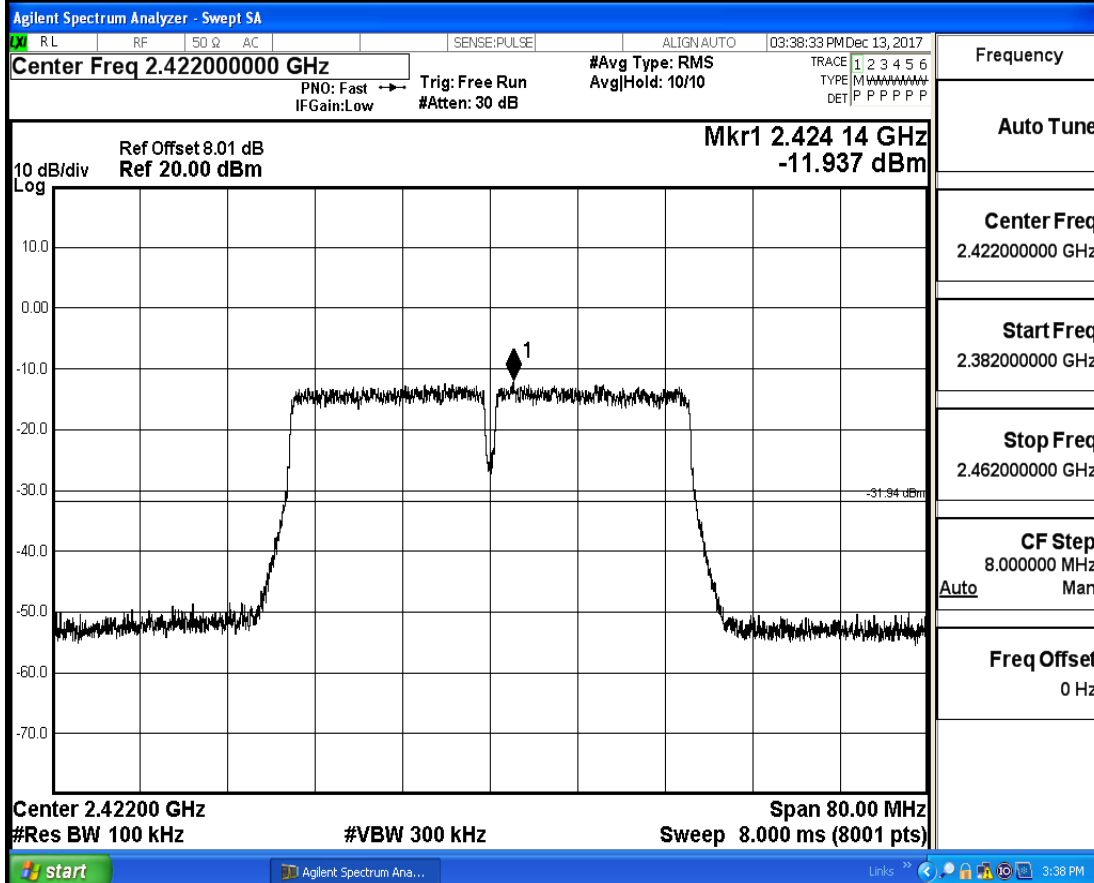
RF Conducted Spurious Emissions_11N20SISO_2437_Ant1



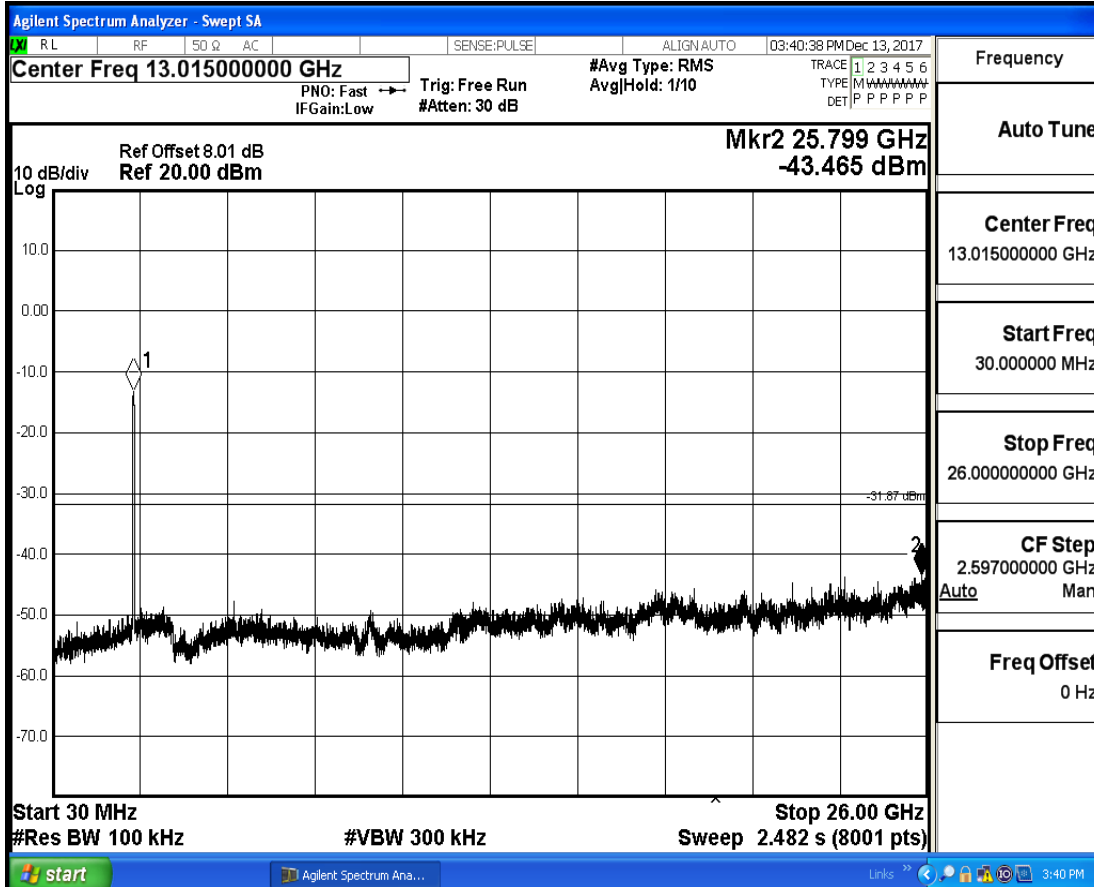
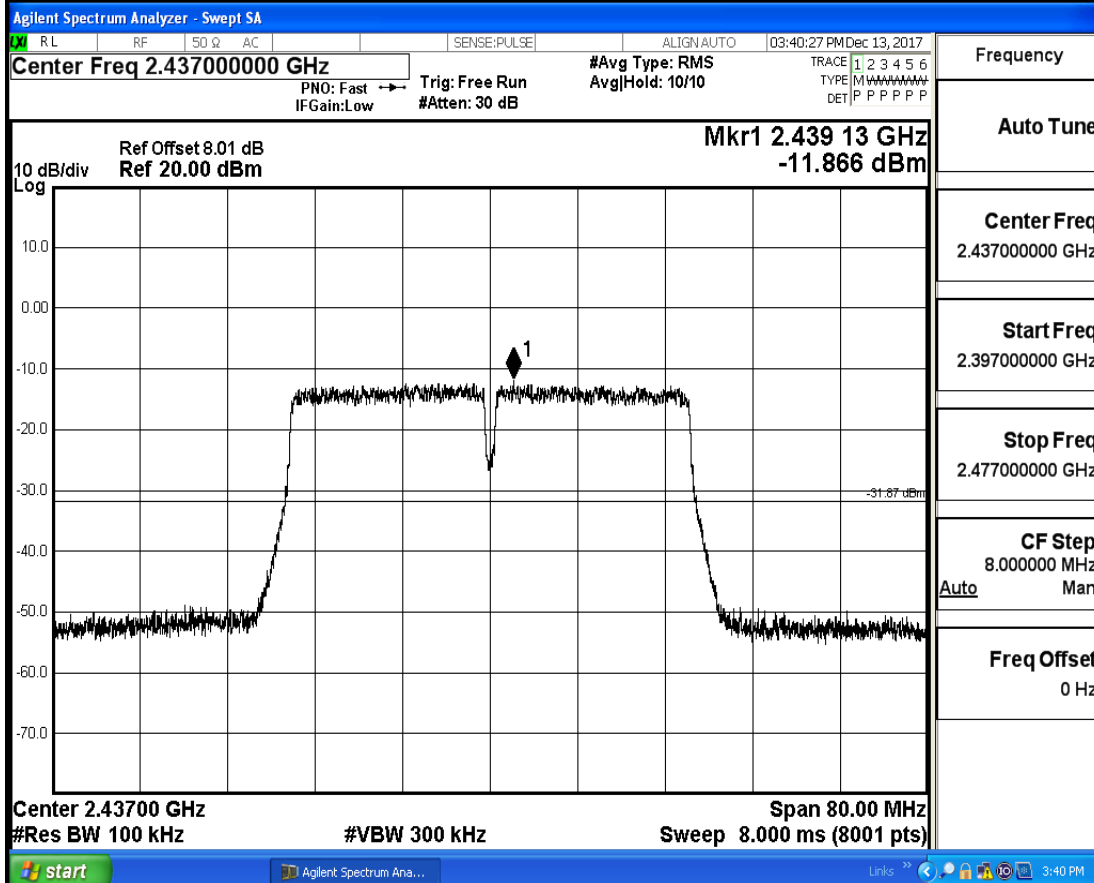
RF Conducted Spurious Emissions_11N20SISO_2462_Ant1



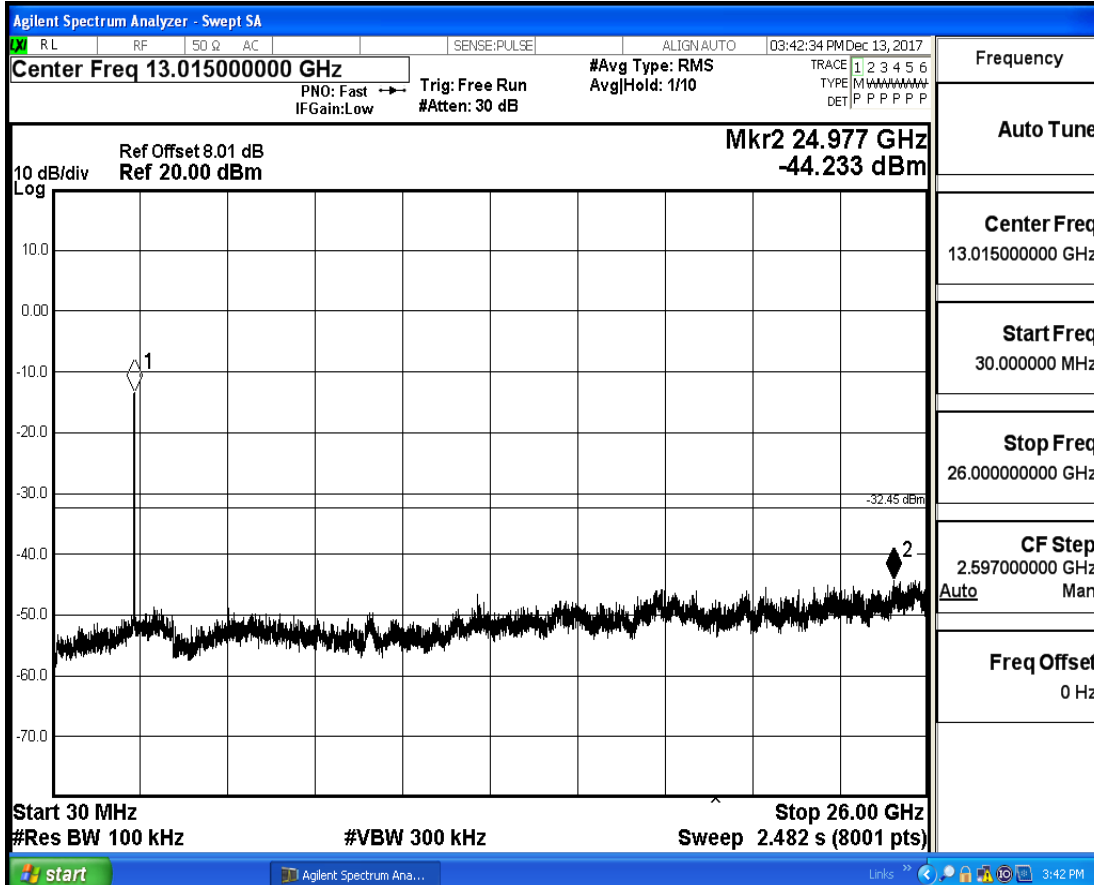
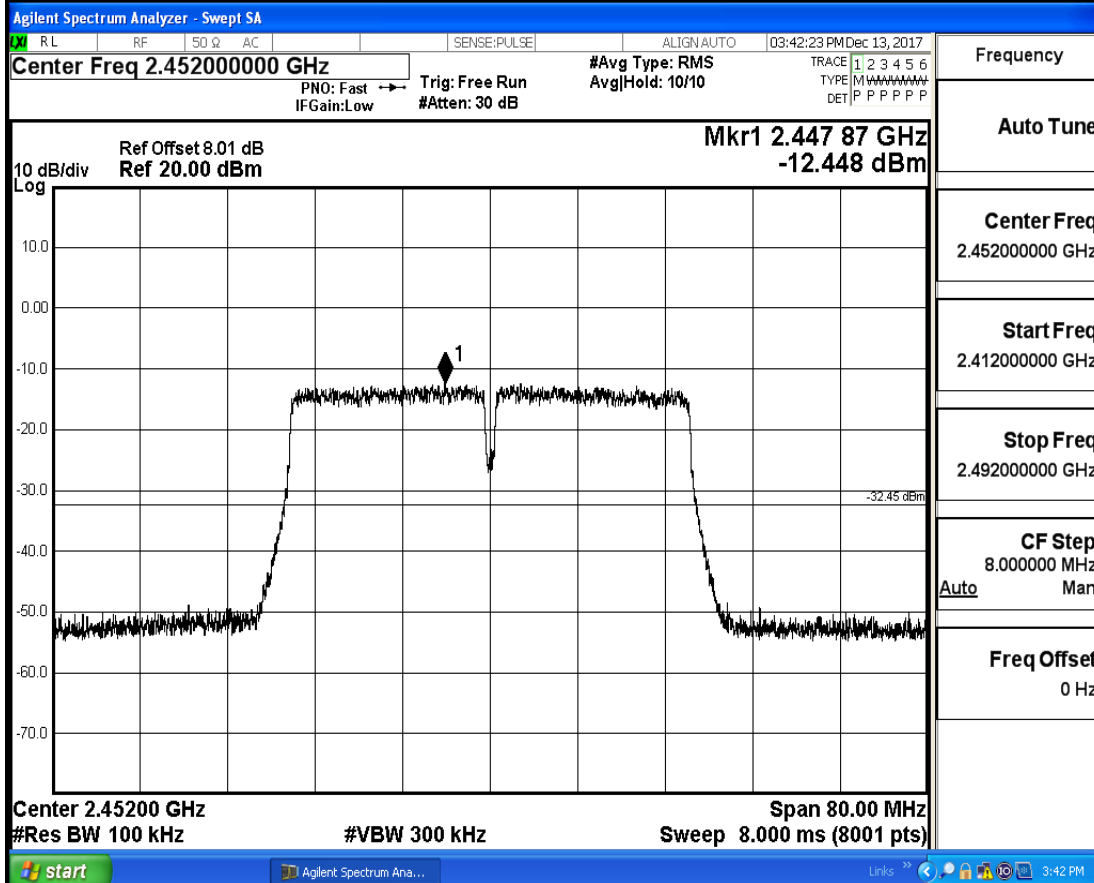
RF Conducted Spurious Emissions_11N40SISO_2422_Ant1



RF Conducted Spurious Emissions_11N40SISO_2437_Ant1



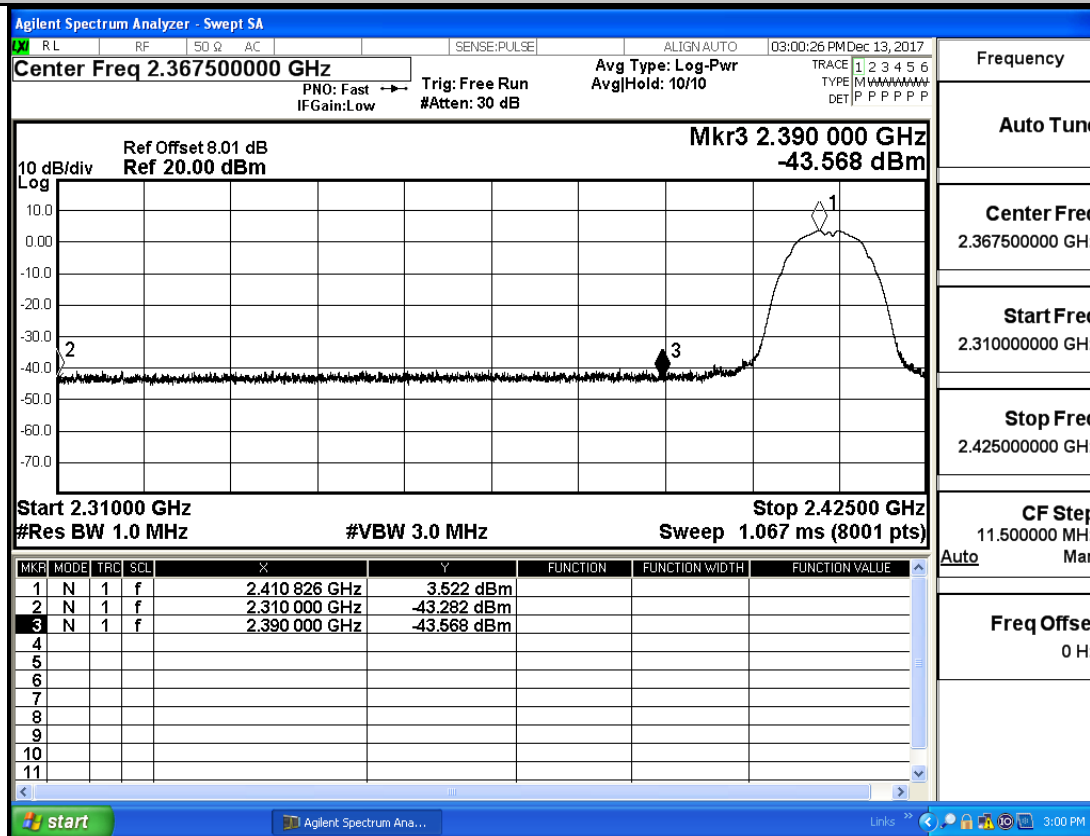
RF Conducted Spurious Emissions_11N40SISO_2452_Ant1



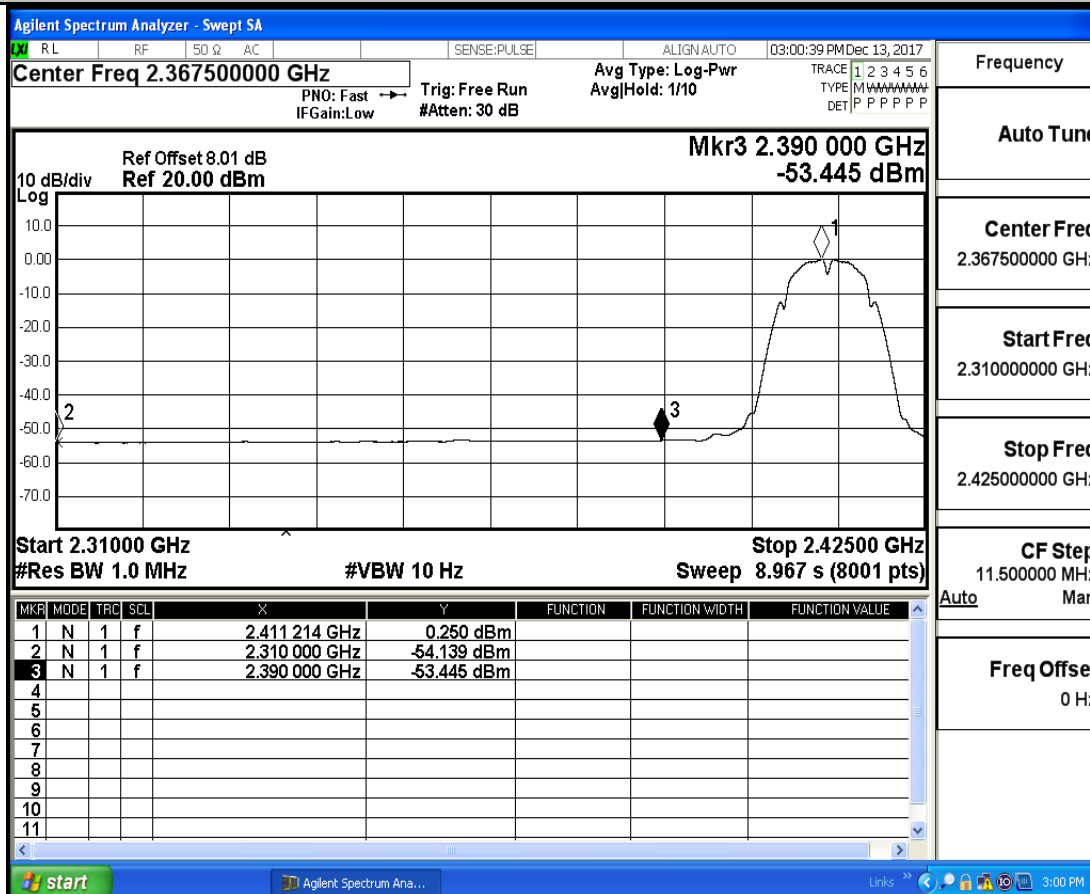
A.6 Restrict-band band-edge measurements

Test Mode	Test Channel	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
11B	2412	Ant1	2310.0	-43.28	2	0	53.98	PEAK	74	PASS
11B	2412	Ant1	2310.0	-54.14	2	0	43.12	AV	54	PASS
11B	2412	Ant1	2390.0	-43.57	2	0	53.69	PEAK	74	PASS
11B	2412	Ant1	2390.0	-53.45	2	0	43.81	AV	54	PASS
11B	2462	Ant1	2483.5	-43.06	2	0	54.20	PEAK	74	PASS
11B	2462	Ant1	2483.5	-53.30	2	0	43.96	AV	54	PASS
11B	2462	Ant1	2500.0	-40.56	2	0	56.70	PEAK	74	PASS
11B	2462	Ant1	2500.0	-53.36	2	0	43.90	AV	54	PASS
11G	2412	Ant1	2310.0	-43.15	2	0	54.11	PEAK	74	PASS
11G	2412	Ant1	2310.0	-54.11	2	0	43.15	AV	54	PASS
11G	2412	Ant1	2390.0	-41.91	2	0	55.35	PEAK	74	PASS
11G	2412	Ant1	2390.0	-52.82	2	0	44.44	AV	54	PASS
11G	2462	Ant1	2483.5	-43.03	2	0	54.23	PEAK	74	PASS
11G	2462	Ant1	2483.5	-53.01	2	0	44.25	AV	54	PASS
11G	2462	Ant1	2500.0	-42.53	2	0	54.73	PEAK	74	PASS
11G	2462	Ant1	2500.0	-53.07	2	0	44.19	AV	54	PASS
11N20SISO	2412	Ant1	2310.0	-44.07	2	0	53.19	PEAK	74	PASS
11N20SISO	2412	Ant1	2310.0	-54.08	2	0	43.18	AV	54	PASS
11N20SISO	2412	Ant1	2390.0	-41.50	2	0	55.76	PEAK	74	PASS
11N20SISO	2412	Ant1	2390.0	-52.65	2	0	44.61	AV	54	PASS
11N20SISO	2462	Ant1	2483.5	-41.64	2	0	55.62	PEAK	74	PASS
11N20SISO	2462	Ant1	2483.5	-52.97	2	0	44.29	AV	54	PASS
11N20SISO	2462	Ant1	2500.0	-43.21	2	0	54.05	PEAK	74	PASS
11N20SISO	2462	Ant1	2500.0	-53.09	2	0	44.17	AV	54	PASS
11N40SISO	2422	Ant1	2310.0	-43.40	2	0	53.86	PEAK	74	PASS
11N40SISO	2422	Ant1	2310.0	-54.08	2	0	43.18	AV	54	PASS
11N40SISO	2422	Ant1	2390.0	-41.71	2	0	55.55	PEAK	74	PASS
11N40SISO	2422	Ant1	2390.0	-52.41	2	0	44.85	AV	54	PASS
11N40SISO	2452	Ant1	2483.5	-41.47	2	0	55.79	PEAK	74	PASS
11N40SISO	2452	Ant1	2483.5	-52.87	2	0	44.39	AV	54	PASS
11N40SISO	2452	Ant1	2500.0	-41.79	2	0	55.47	PEAK	74	PASS
11N40SISO	2452	Ant1	2500.0	-53.07	2	0	44.19	AV	54	PASS

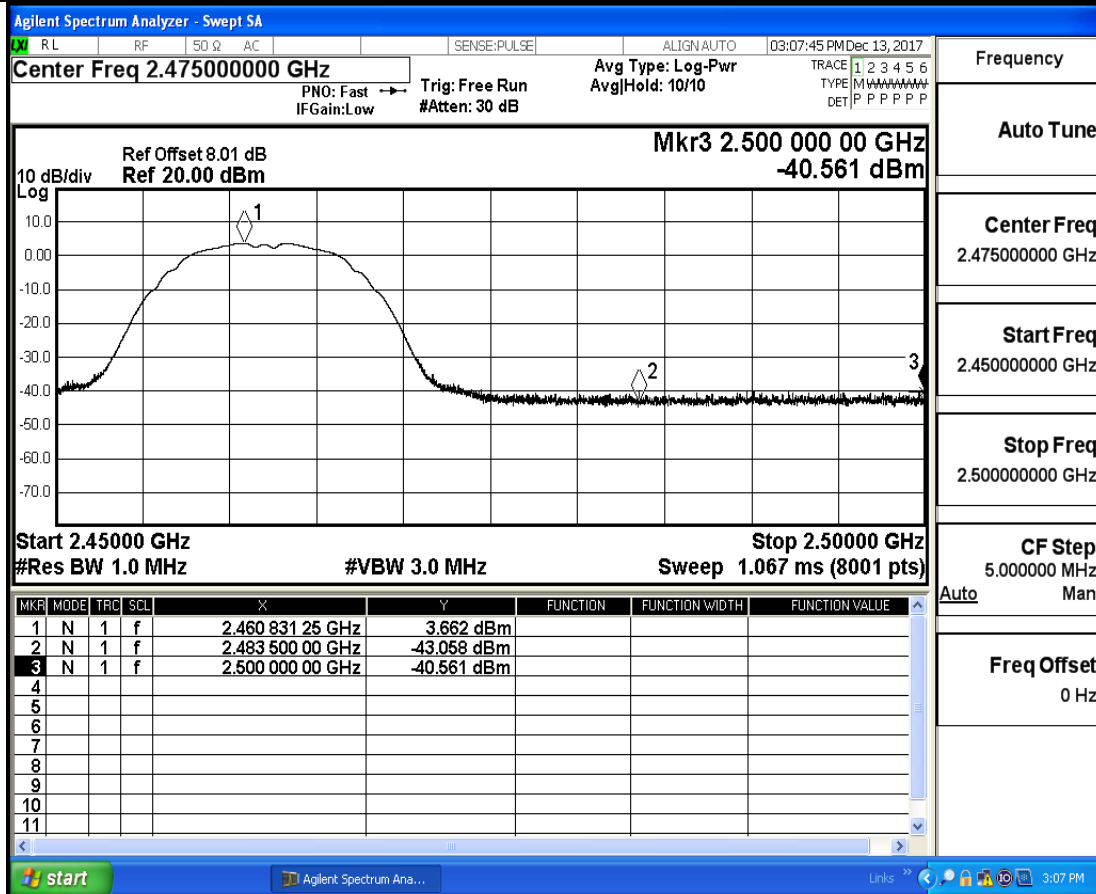
Restrict-band band-edge measurements_11B_2412_Ant1_PEAK



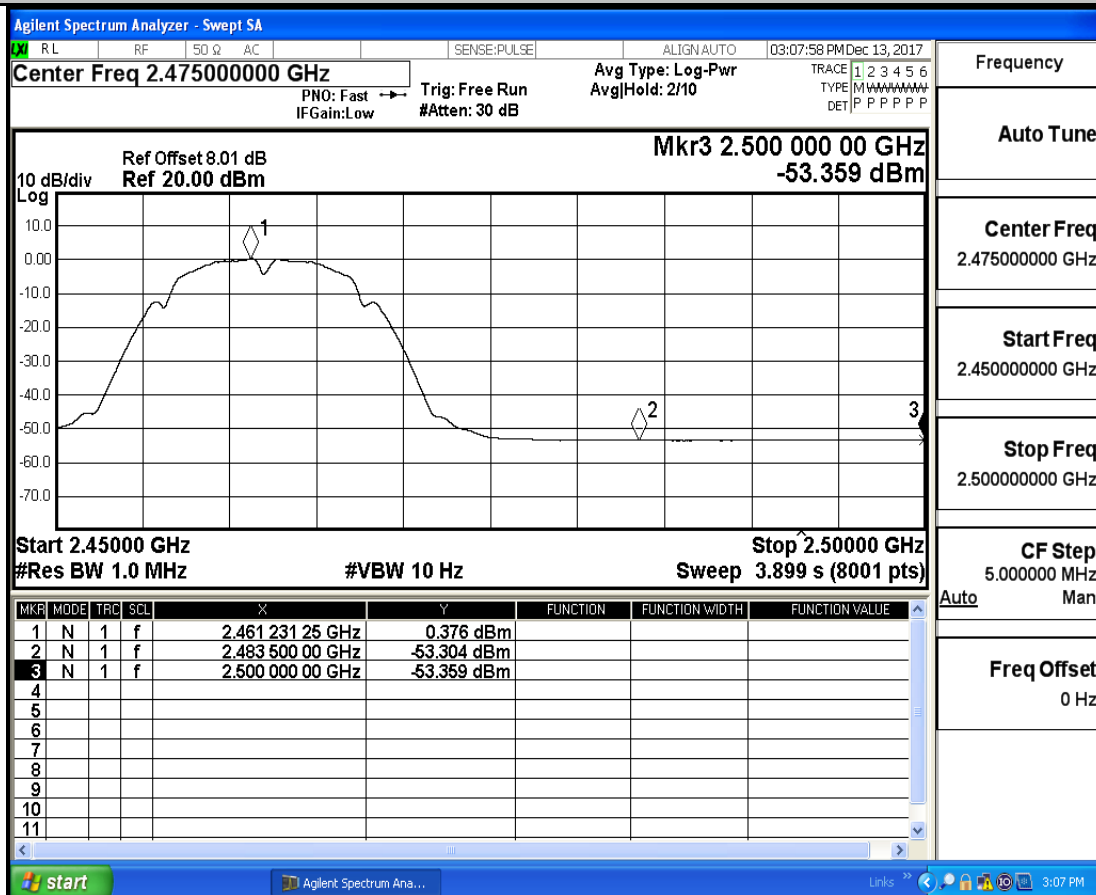
Restrict-band band-edge measurements_11B_2412_Ant1_AV



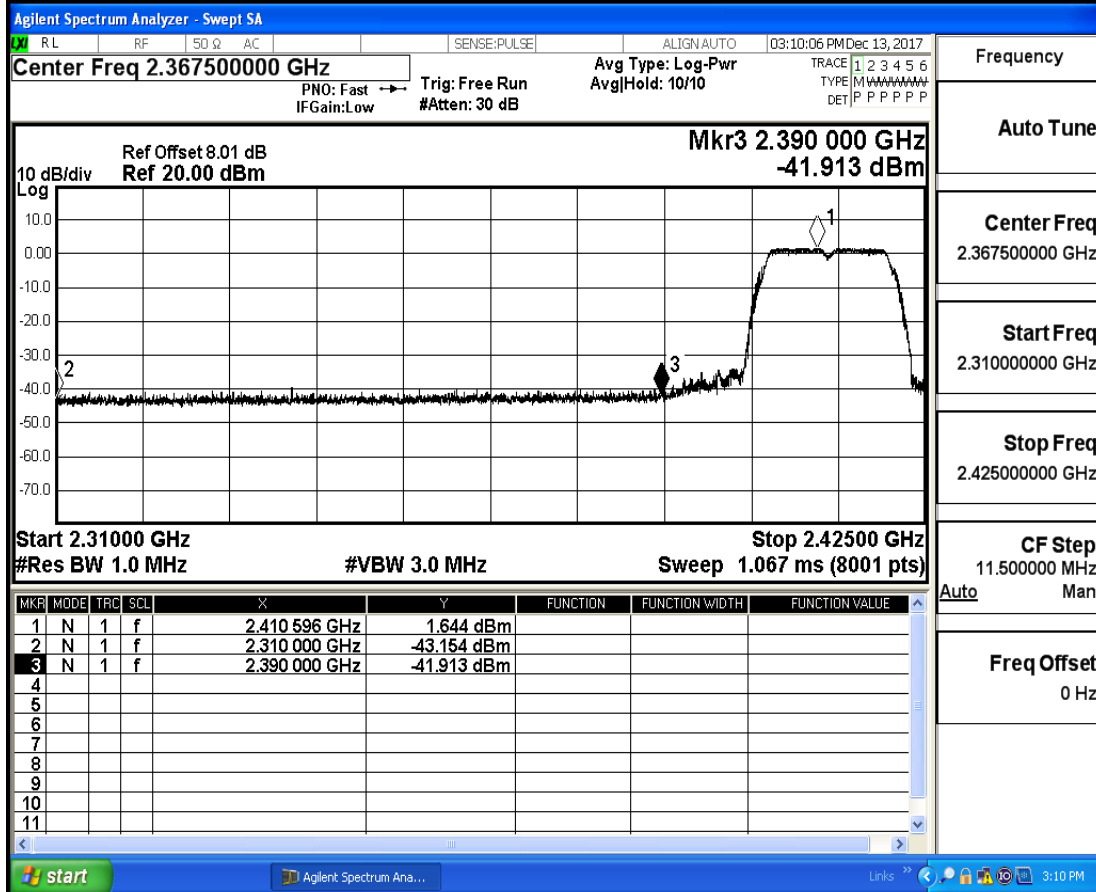
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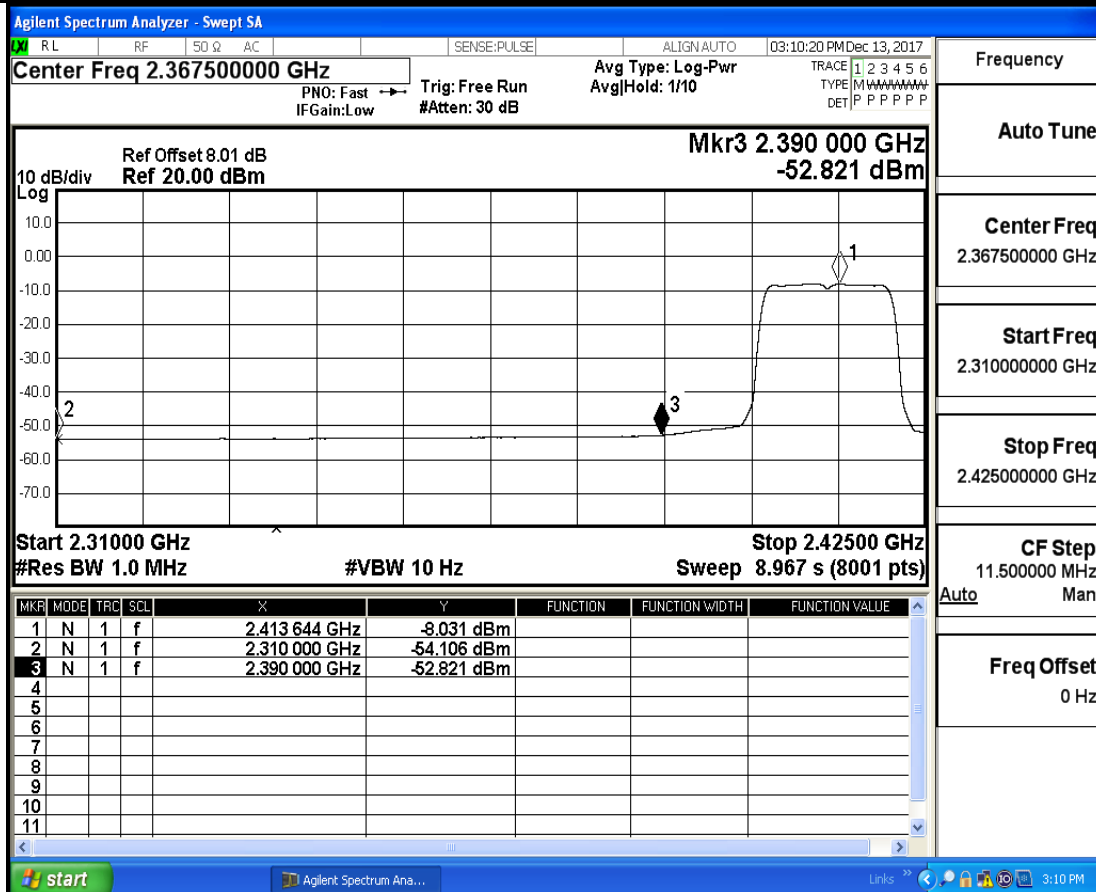
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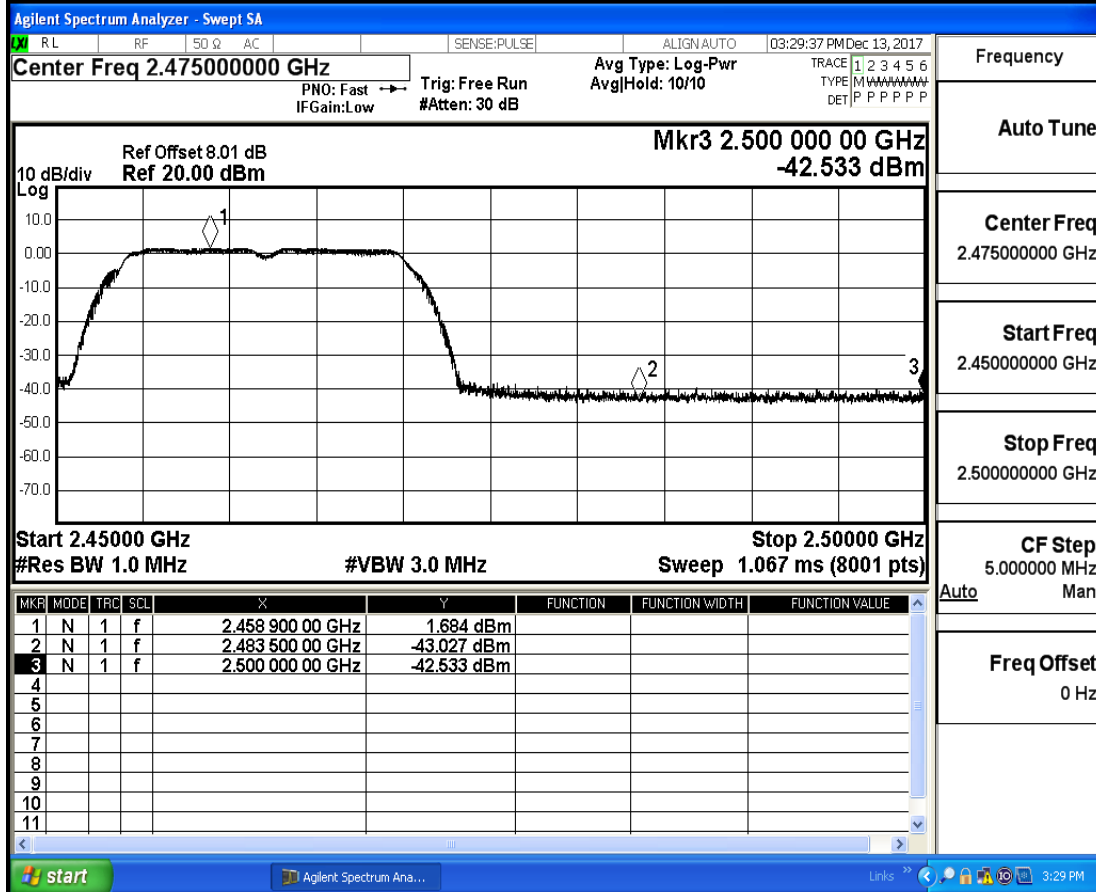
Restrict-band band-edge measurements_11G_2412_Ant1_PEAK



Restrict-band band-edge measurements_11G_2412_Ant1_AV



Restrict-band band-edge measurements_11G_2462_Ant1_PEAK



Frequency

Auto Tune

Center Freq
2.475000000 GHz

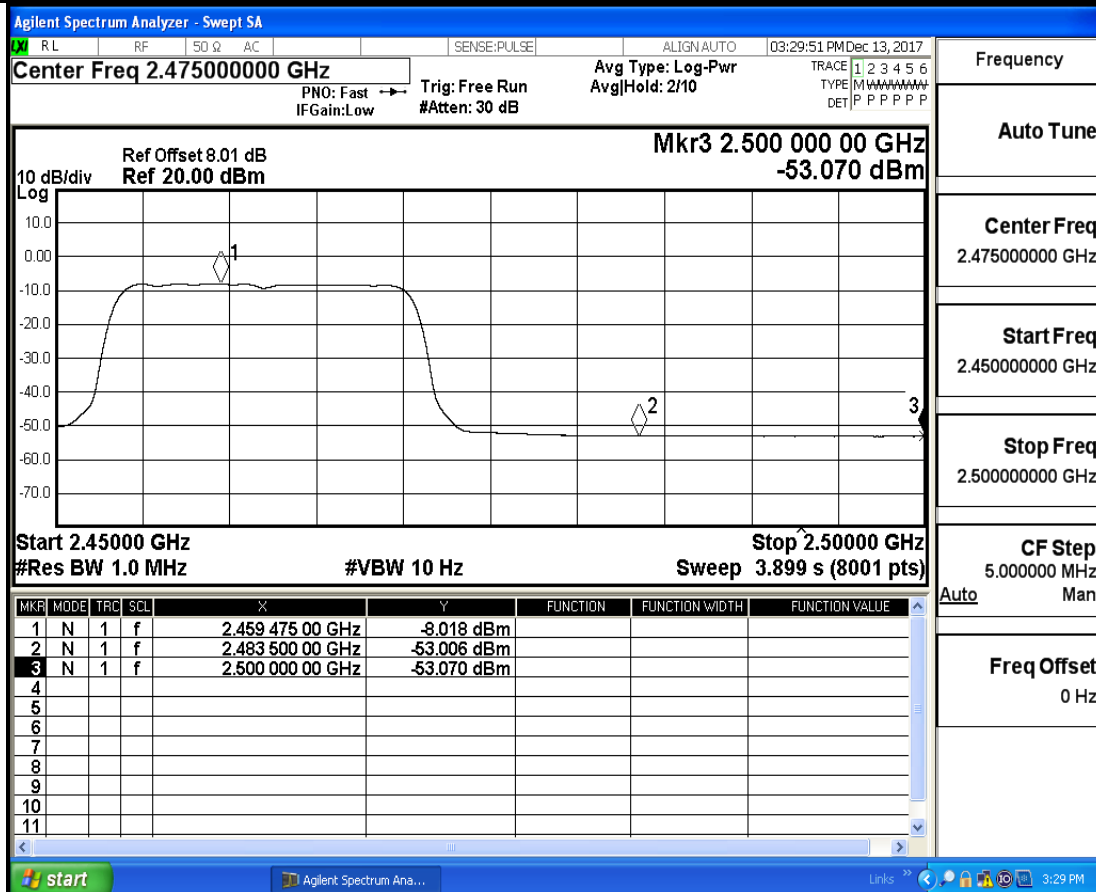
Start Freq
2.450000000 GHz

Stop Freq
2.500000000 GHz

CF Step
5.000000 MHz
Auto Man

Freq Offset
0 Hz

Restrict-band band-edge measurements_11G_2462_Ant1_AV



Frequency

Auto Tune

Center Freq
2.475000000 GHz

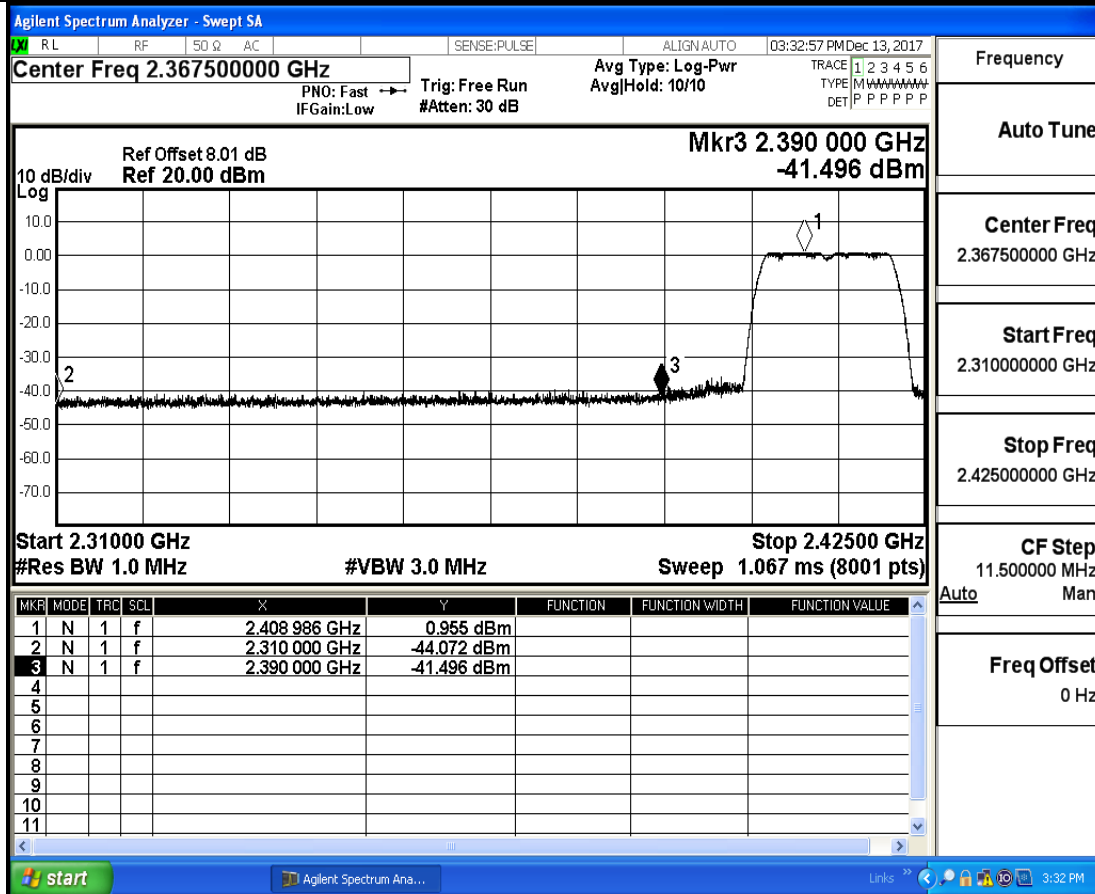
Start Freq
2.450000000 GHz

Stop Freq
2.500000000 GHz

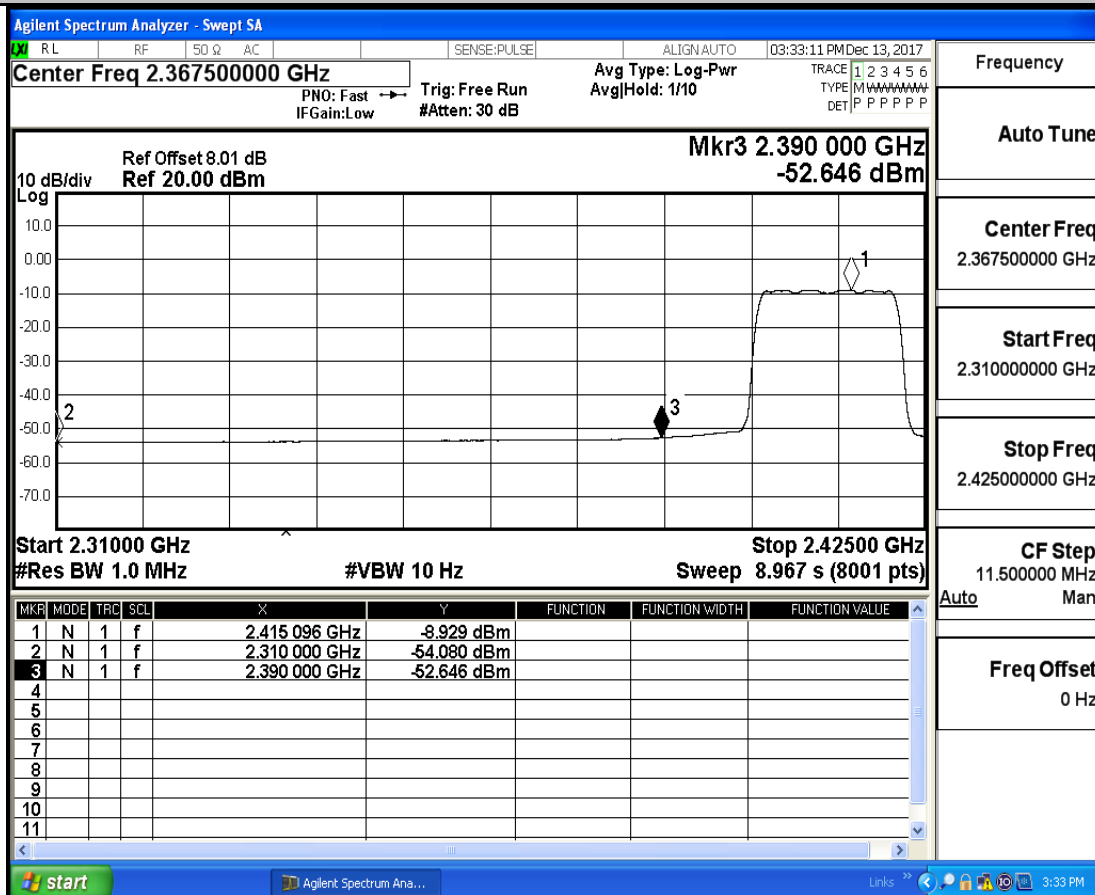
CF Step
5.000000 MHz
Auto Man

Freq Offset
0 Hz

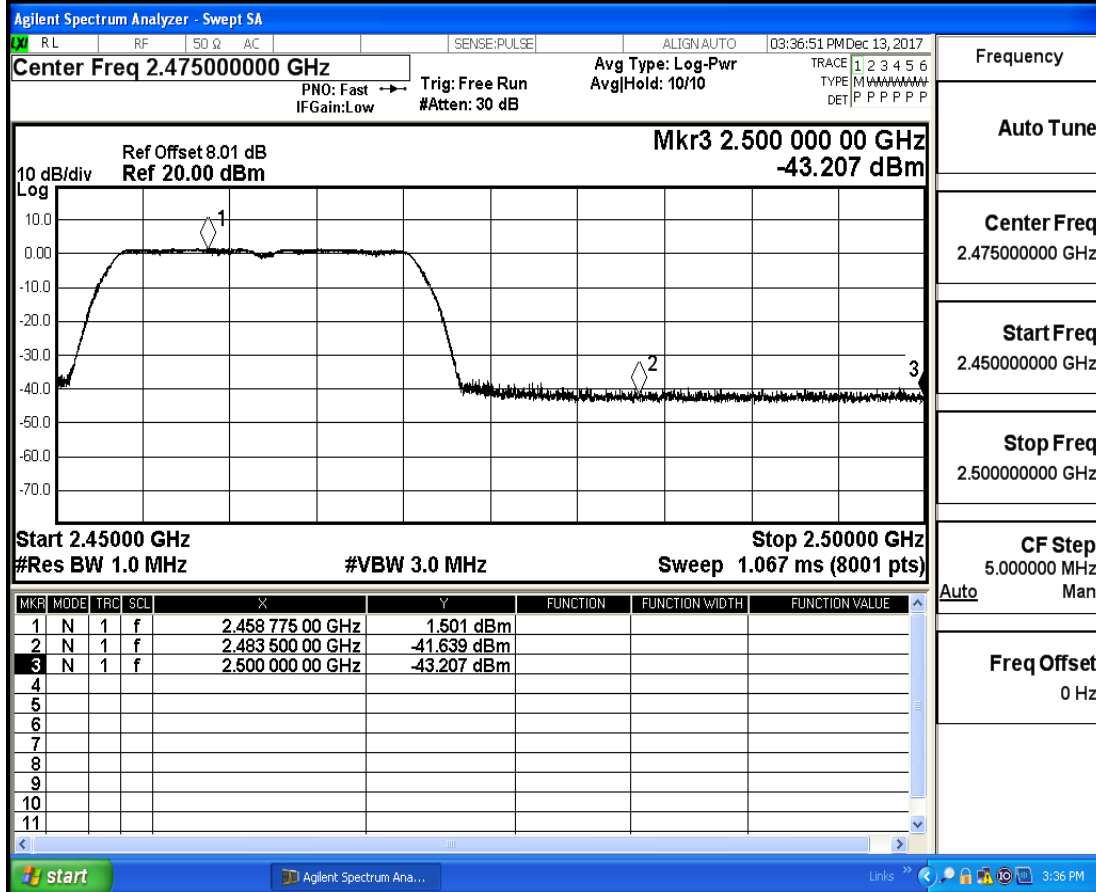
Restrict-band band-edge measurements_11N20SISO_2412_Ant1_PEAK



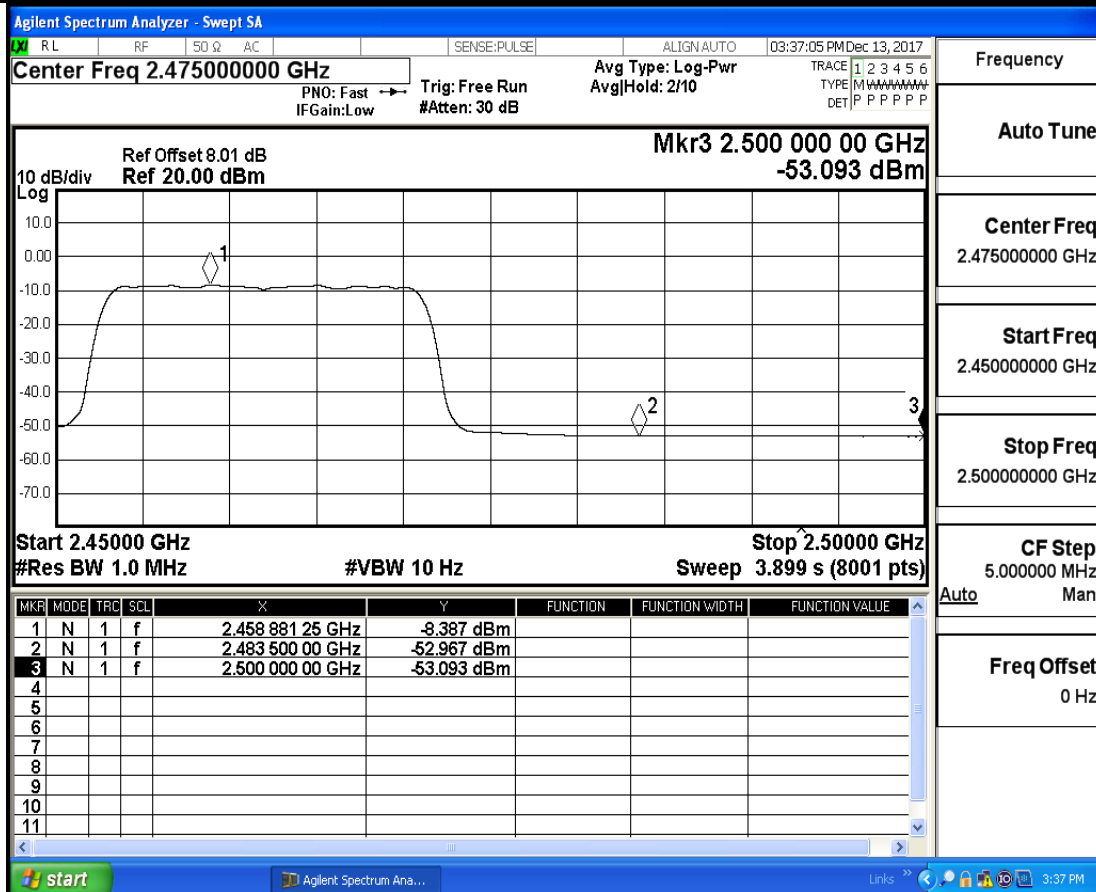
Restrict-band band-edge measurements_11N20SISO_2412_Ant1_AV



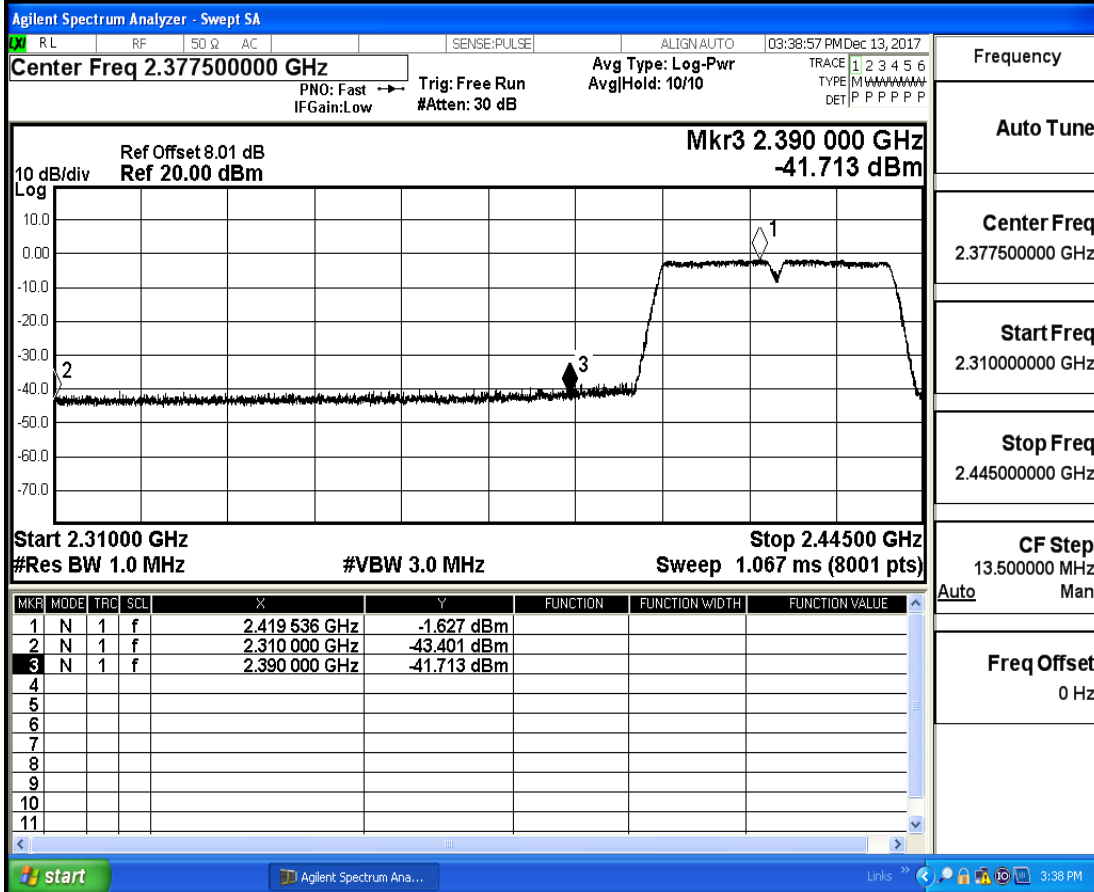
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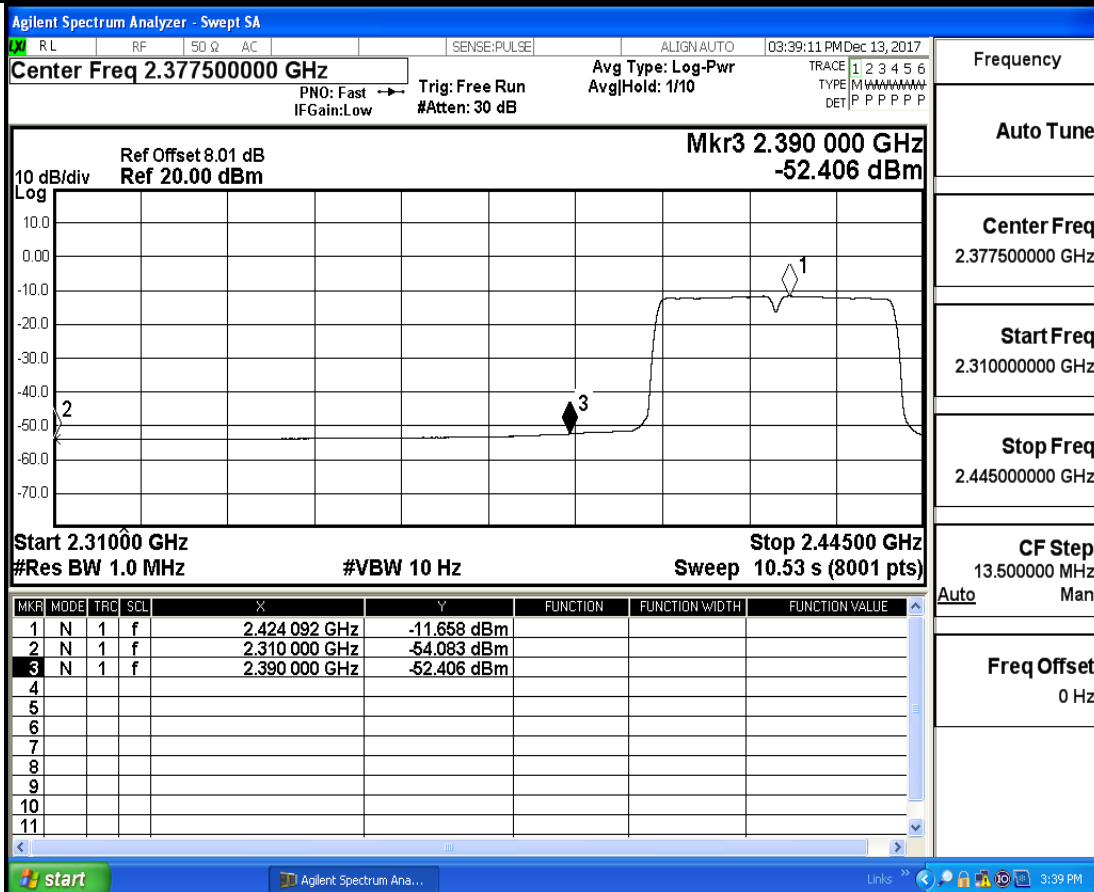
Restrict-band band-edge measurements_11N20SISO_2462_Ant1_AV



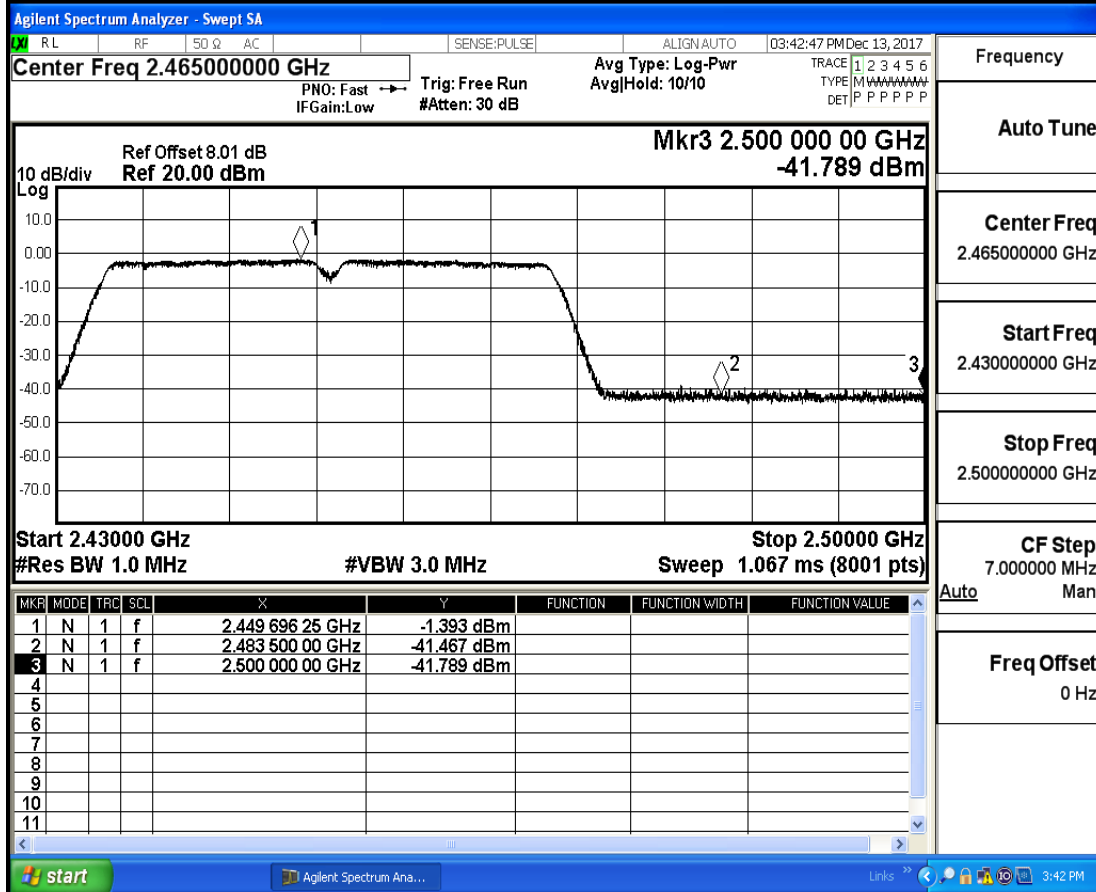
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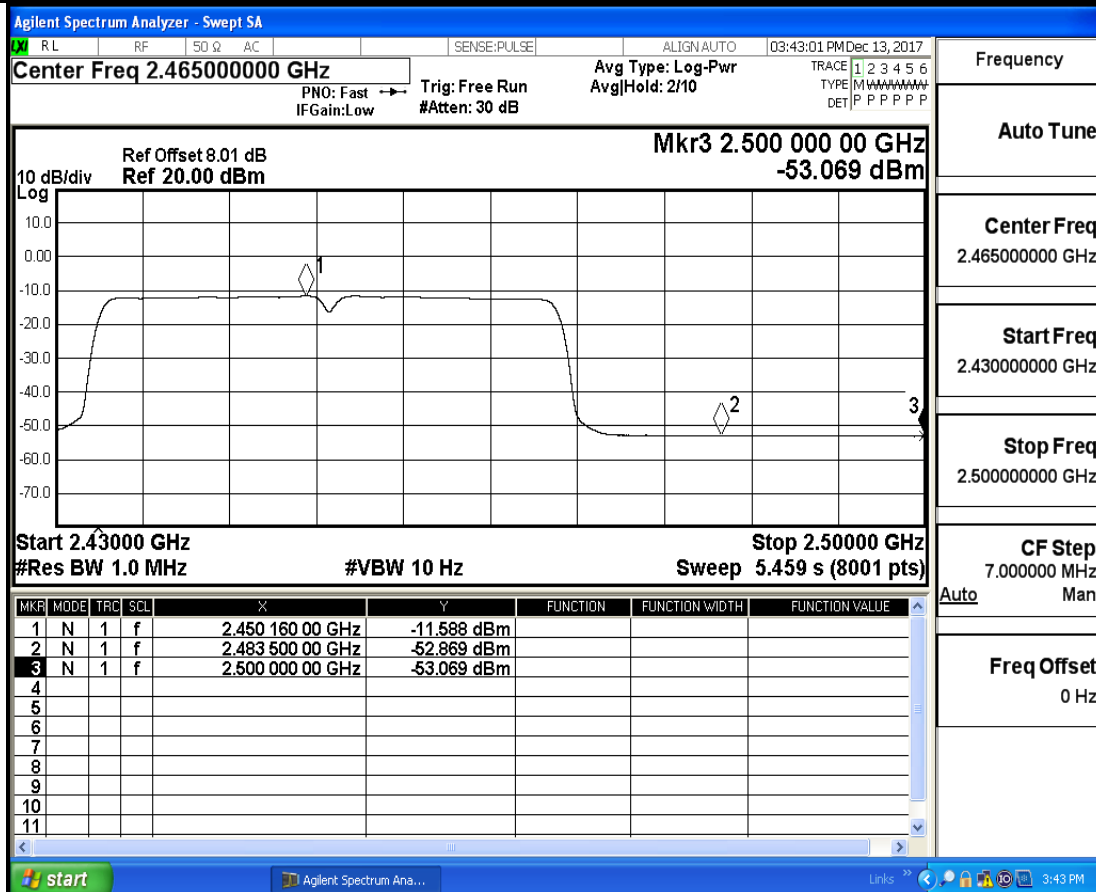
Restrict-band band-edge measurements_11N40SISO_2422_Ant1_AV



Restrict-band band-edge measurements_11N40SISO_2452_Ant1_PEAK



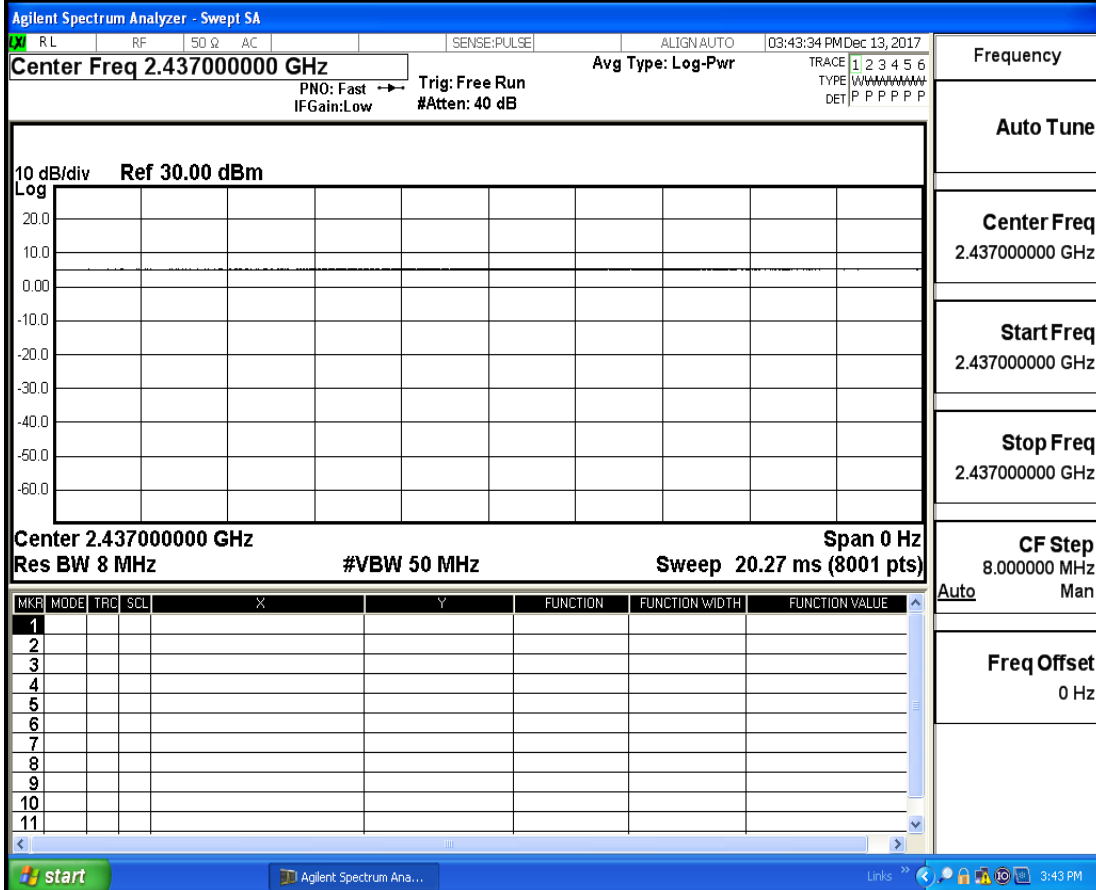
Restrict-band band-edge measurements_11N40SISO_2452_Ant1_AV



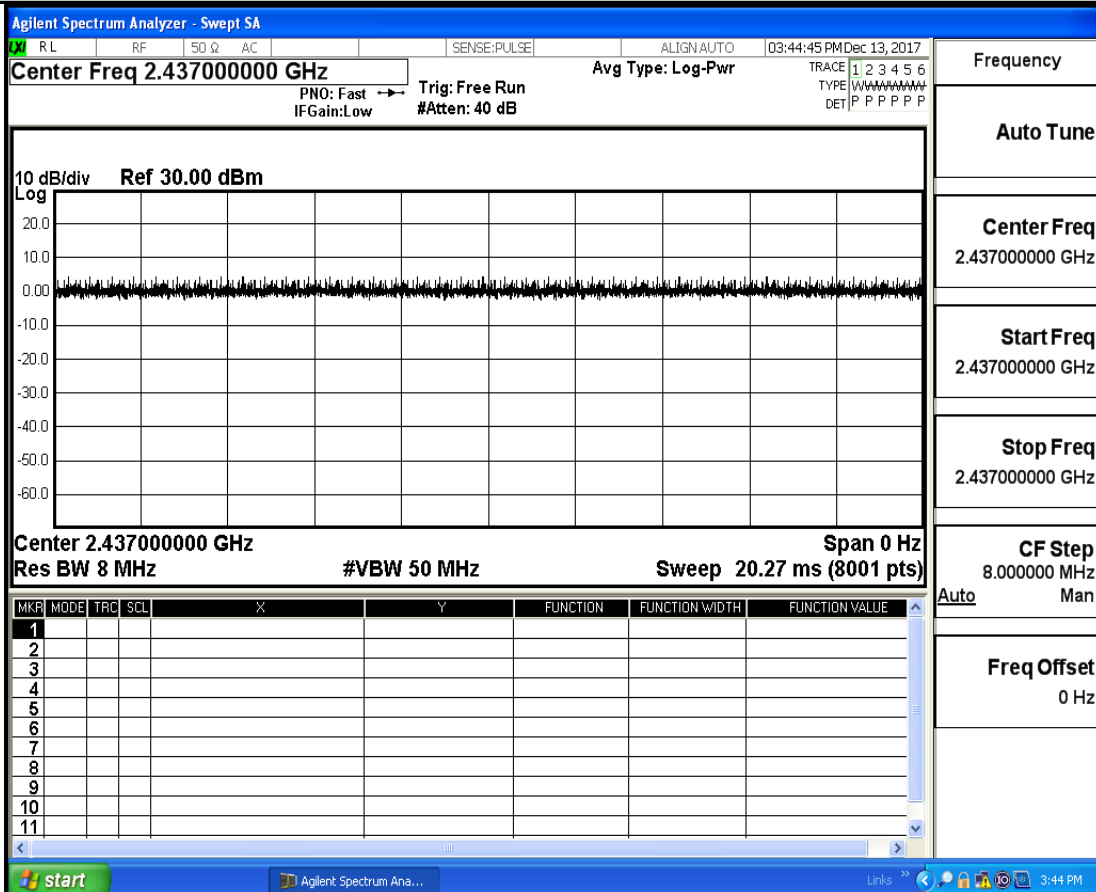
A.7 Duty Cycle

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

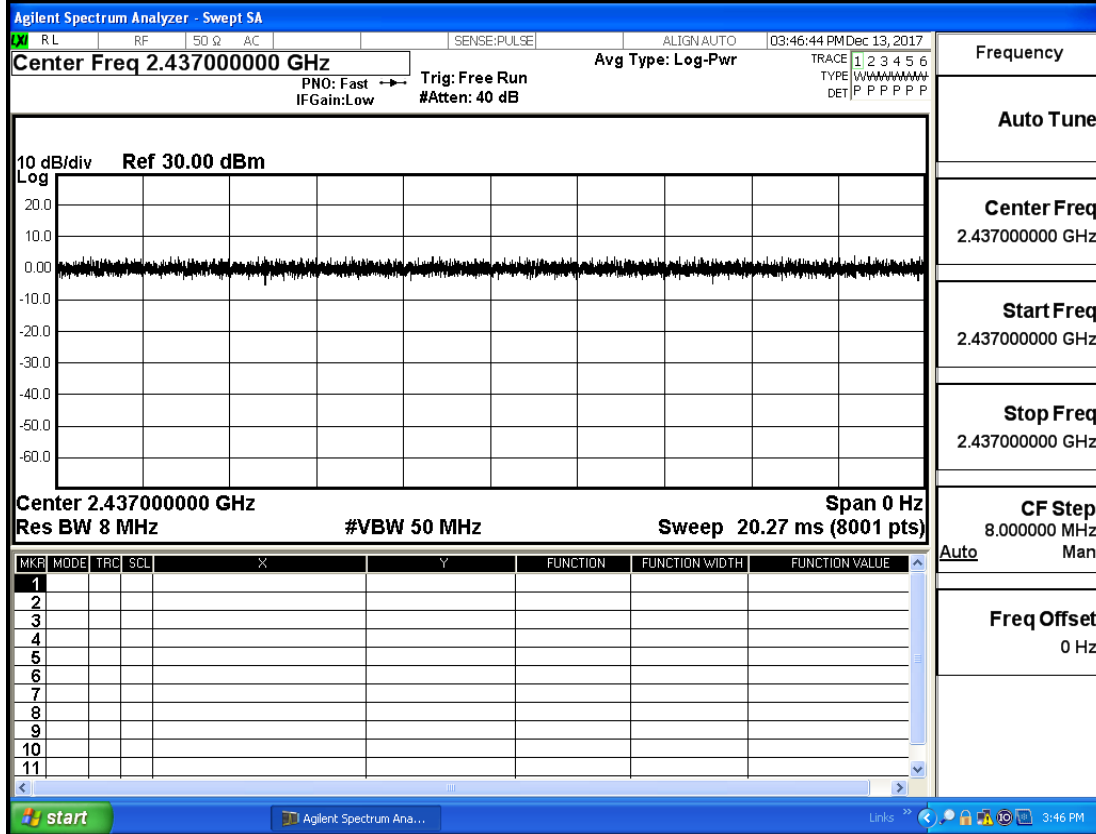
Duty Cycle_11B_2437_Ant1



Duty Cycle_11G_2437_Ant1



Duty Cycle_11N20SISO_2437_Ant1



Duty Cycle_11N40SISO_2437_Ant1

