

Appendix C

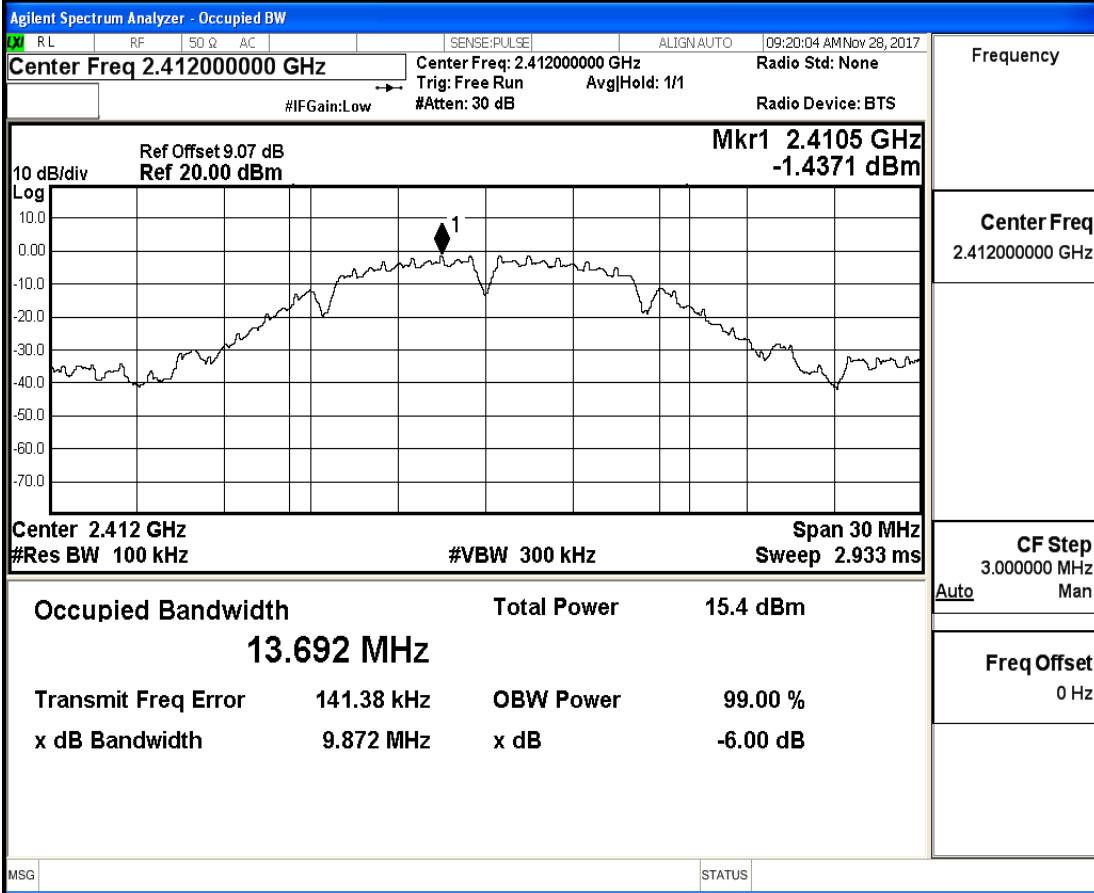
RF Test Data for 2.4G WIFI (Conducted Measurement)

Product Name: Tablet with 3G
Trade Mark: SKY DEVICES, HENA
Test Model: PLATINUM VIEW
FCC ID: 2ABOSPLATVIEW

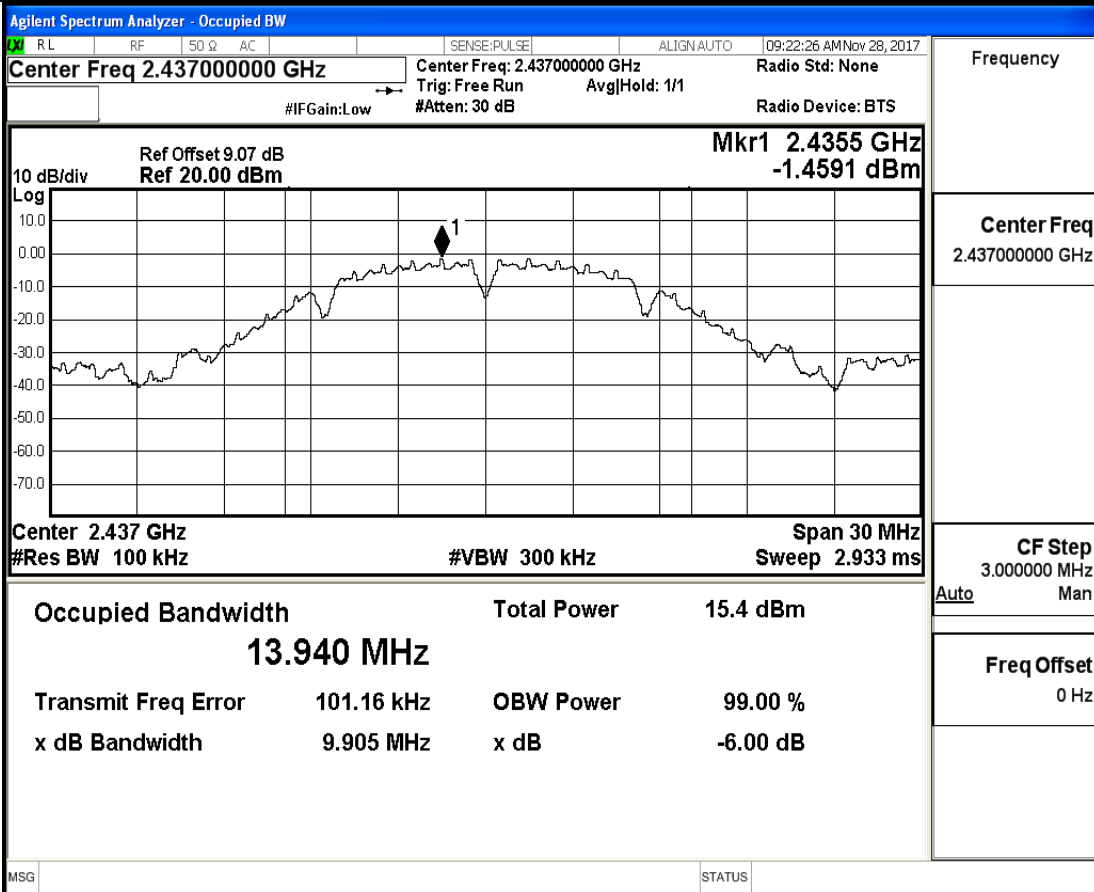
C.1 6dB Bandwidth

Test Mode	Test Channel	Ant	EBW[MHz]	Limit	Verdict
11B	2412	Ant1	9.872	0.5	PASS
11B	2437	Ant1	9.905	0.5	PASS
11B	2462	Ant1	9.542	0.5	PASS
11G	2412	Ant1	16.41	0.5	PASS
11G	2437	Ant1	16.41	0.5	PASS
11G	2462	Ant1	16.41	0.5	PASS
11N20SISO	2412	Ant1	17.63	0.5	PASS
11N20SISO	2437	Ant1	17.62	0.5	PASS
11N20SISO	2462	Ant1	17.62	0.5	PASS
11N40SISO	2422	Ant1	36.12	0.5	PASS
11N40SISO	2437	Ant1	36.09	0.5	PASS
11N40SISO	2452	Ant1	36.16	0.5	PASS

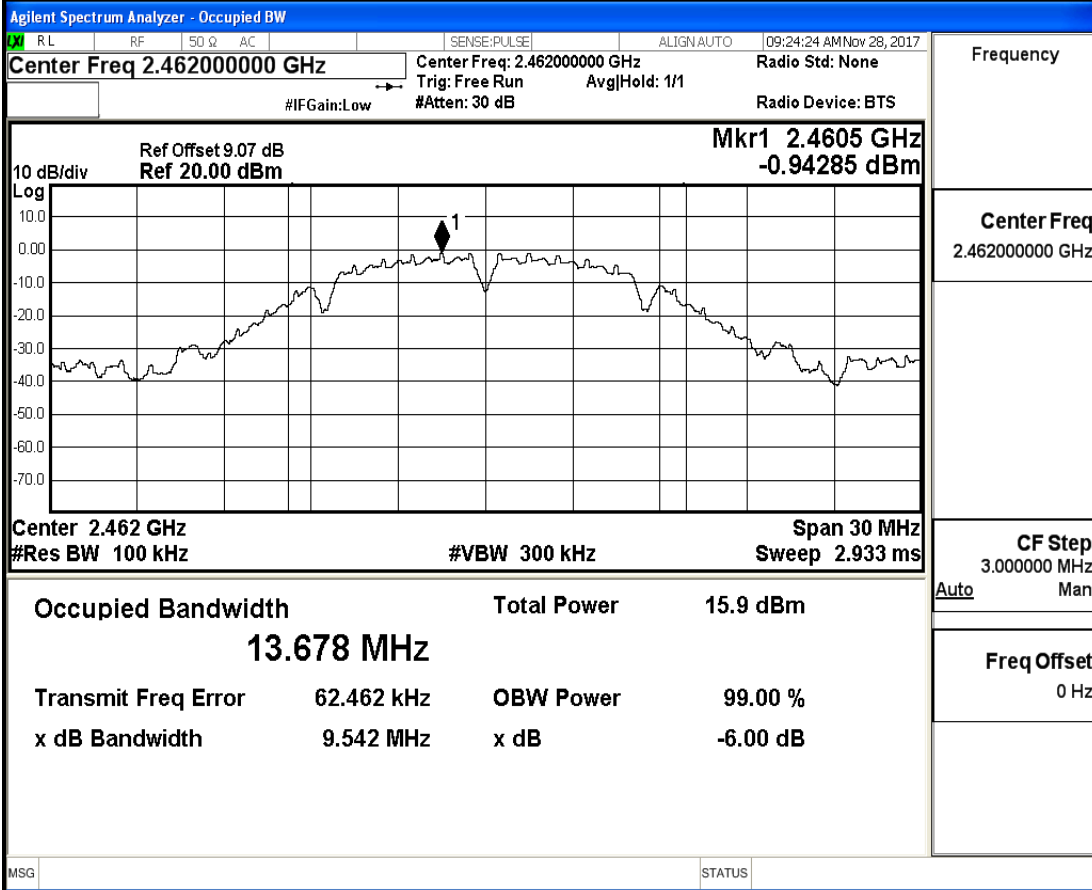
6dB Bandwidth_11B_2412_Ant1



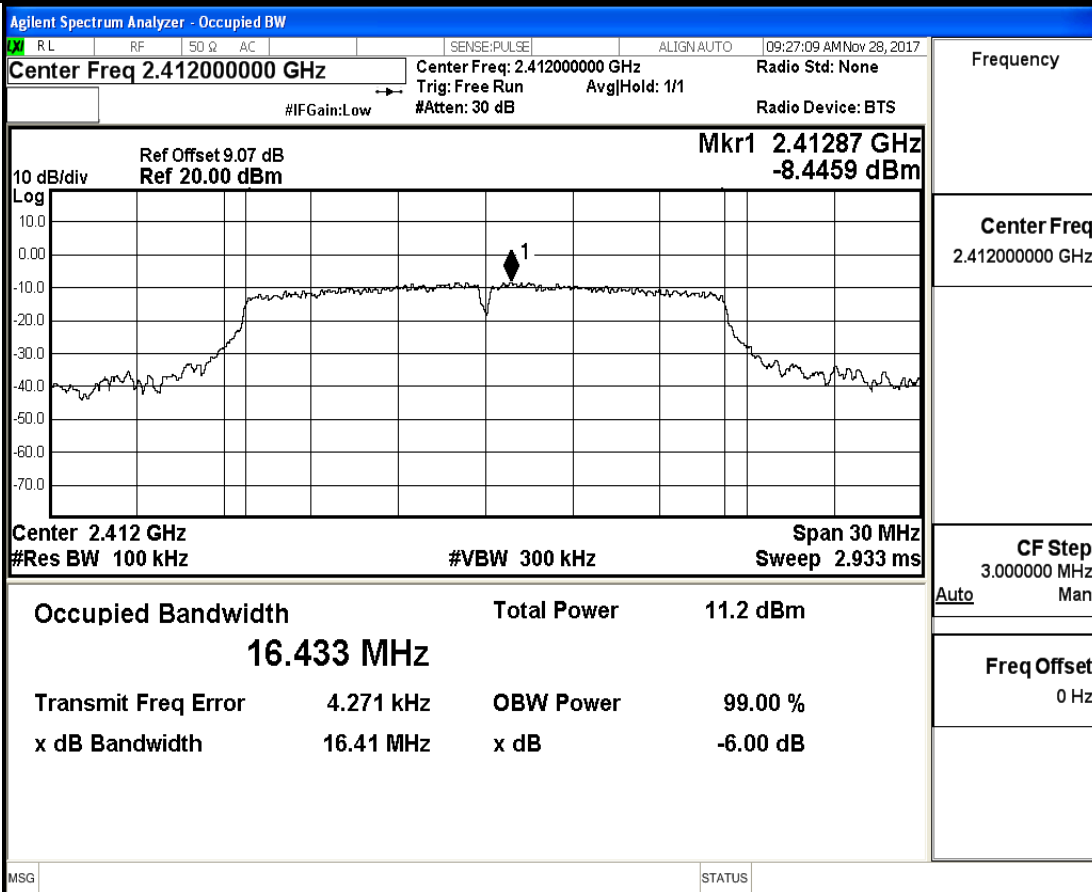
6dB Bandwidth_11B_2437_Ant1



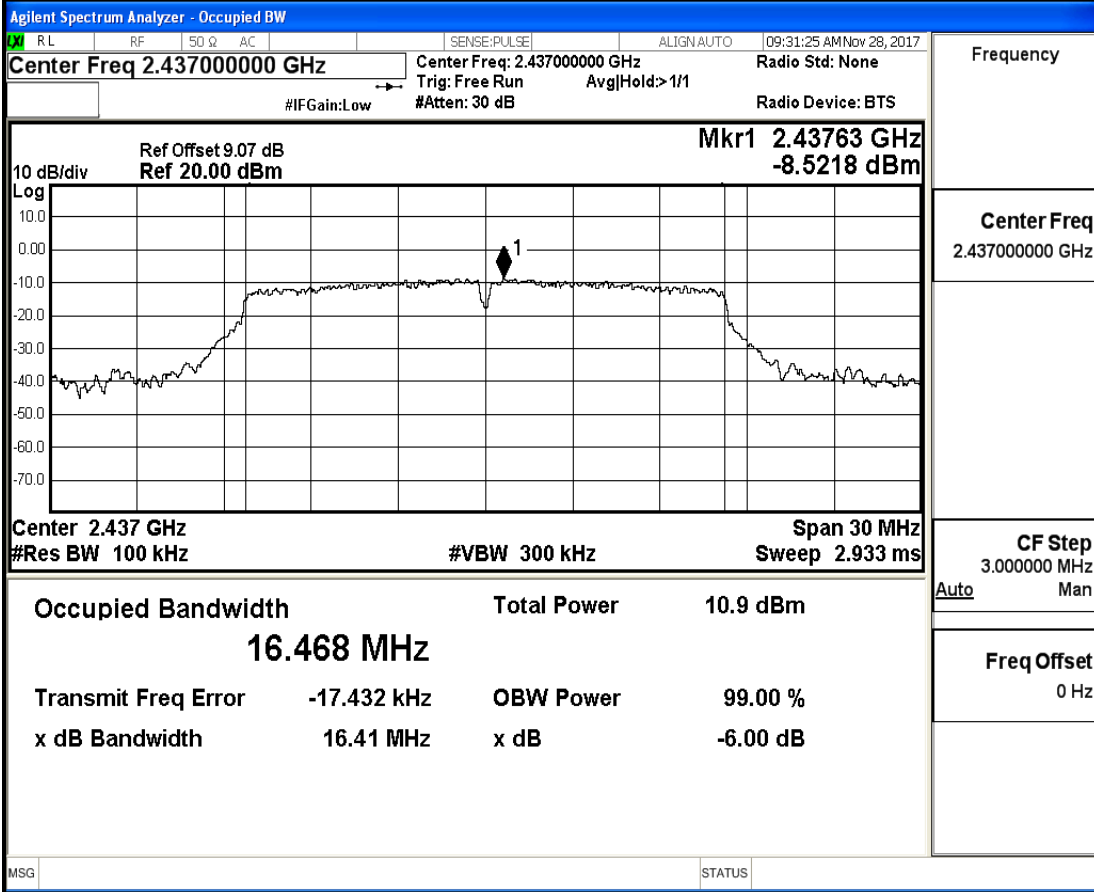
6dB Bandwidth_11B_2462_Ant1



6dB Bandwidth_11G_2412_Ant1

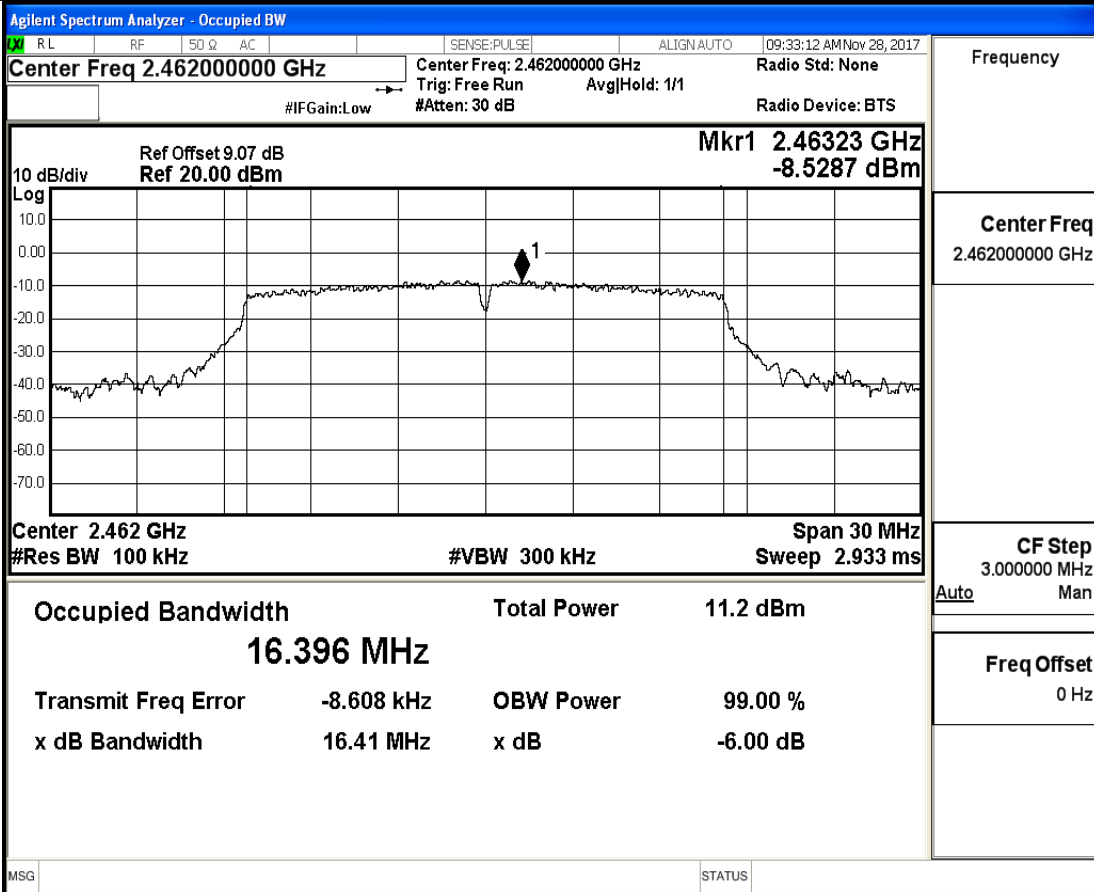


6dB Bandwidth_11G_2437_Ant1



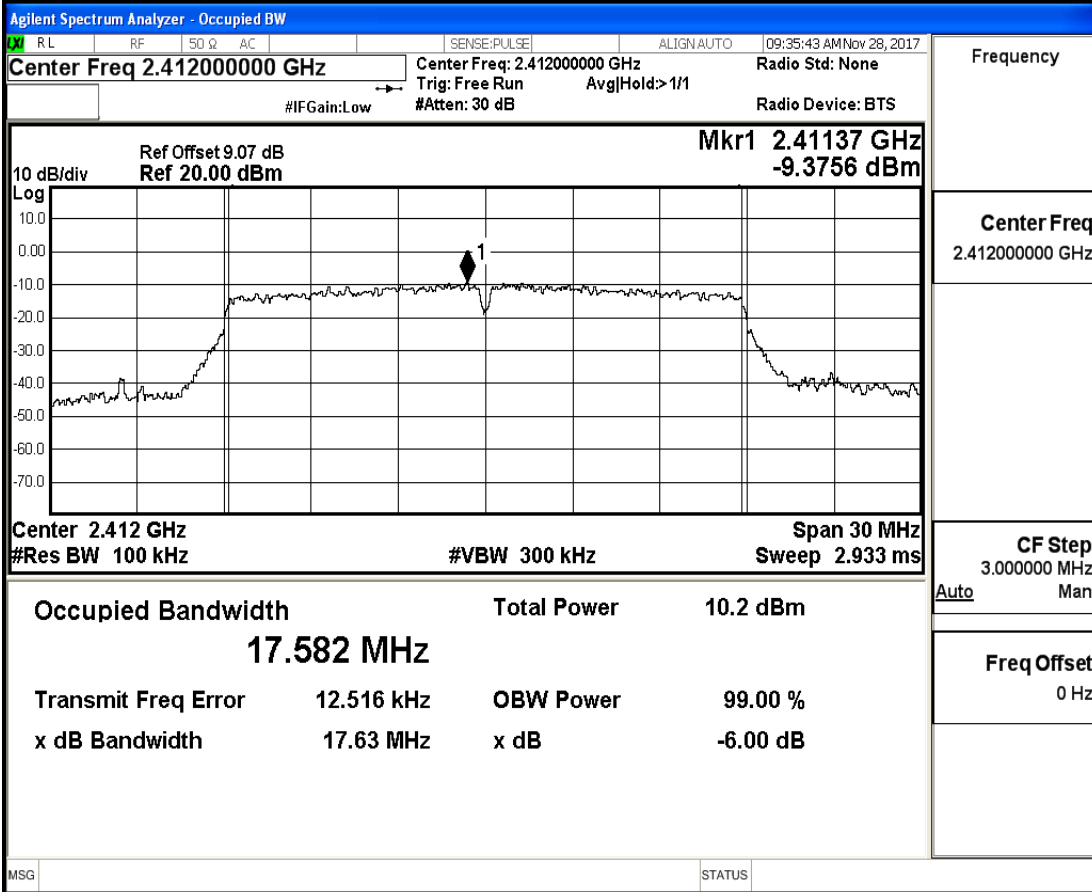
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Center Freq	2.43700000 GHz
CF Step	3.000000 MHz
Auto	Man
Freq Offset	0 Hz

6dB Bandwidth_11G_2462_Ant1

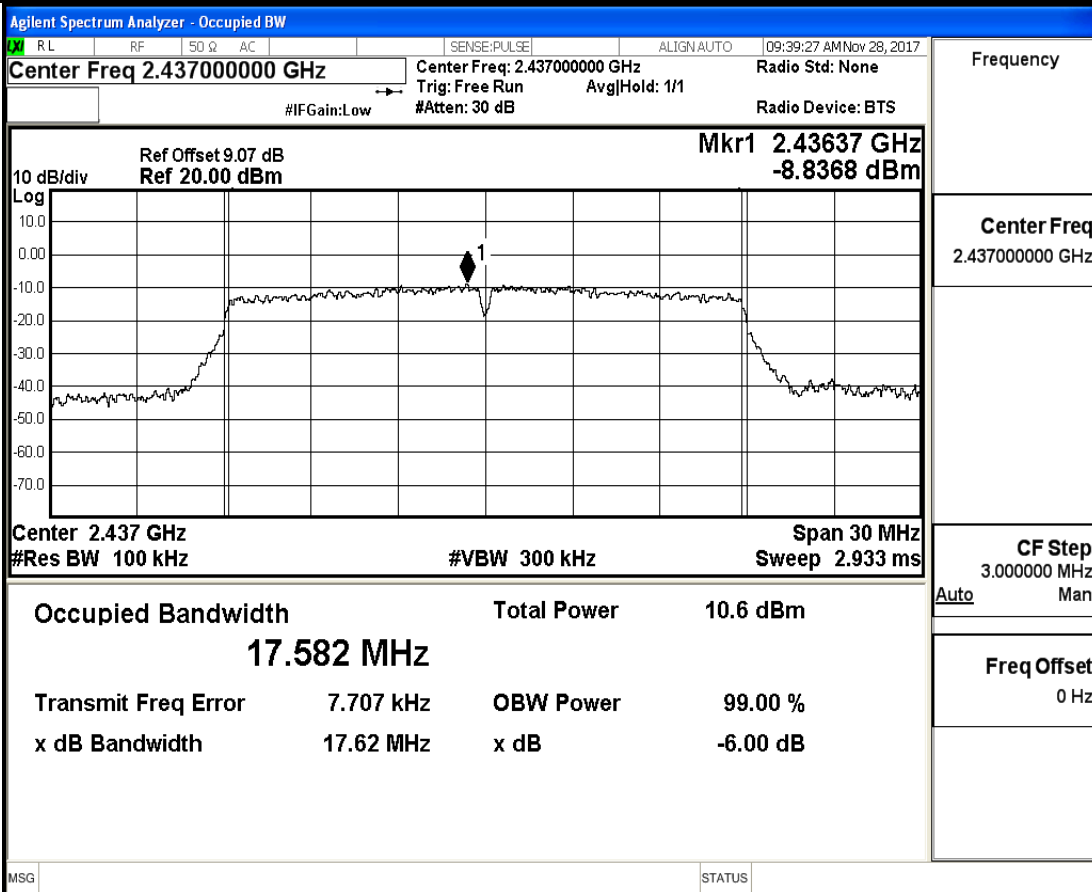


Frequency	2.46200000 GHz
Center Freq	2.46200000 GHz
CF Step	3.000000 MHz
Auto	Man
Freq Offset	0 Hz

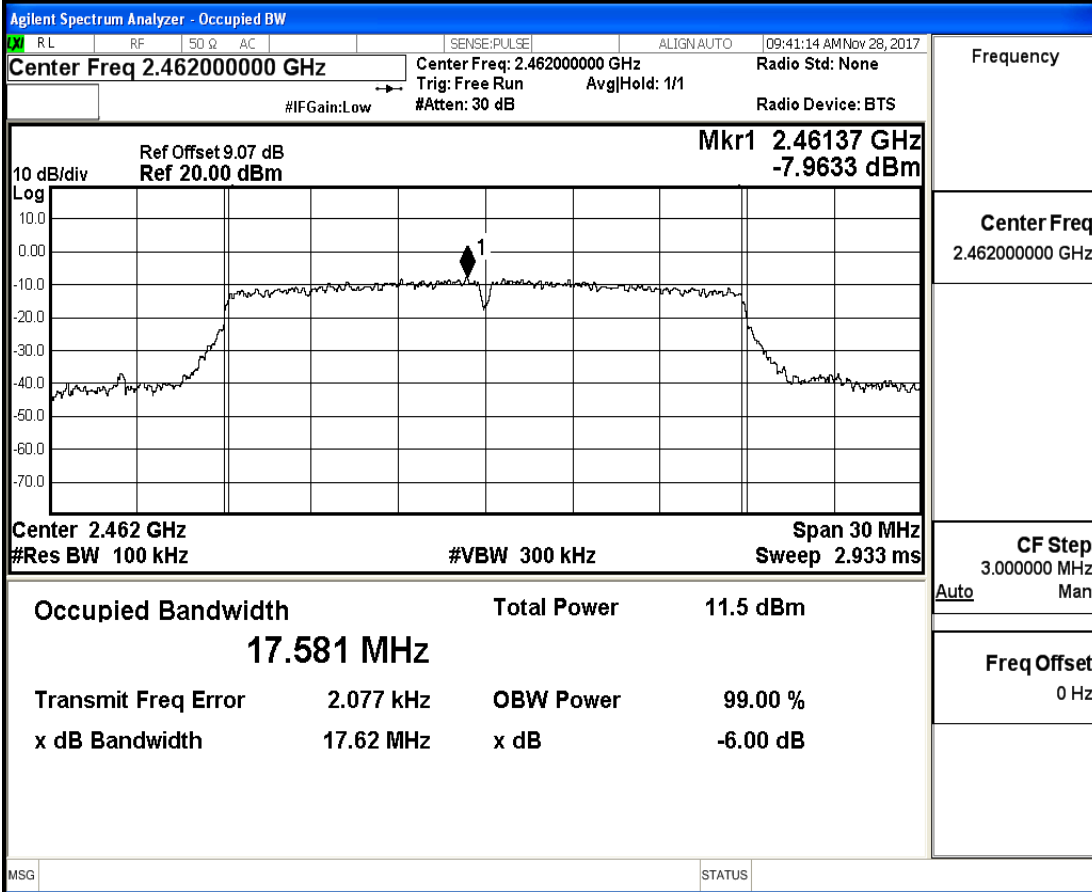
6dB Bandwidth_11N20SISO_2412_Ant1



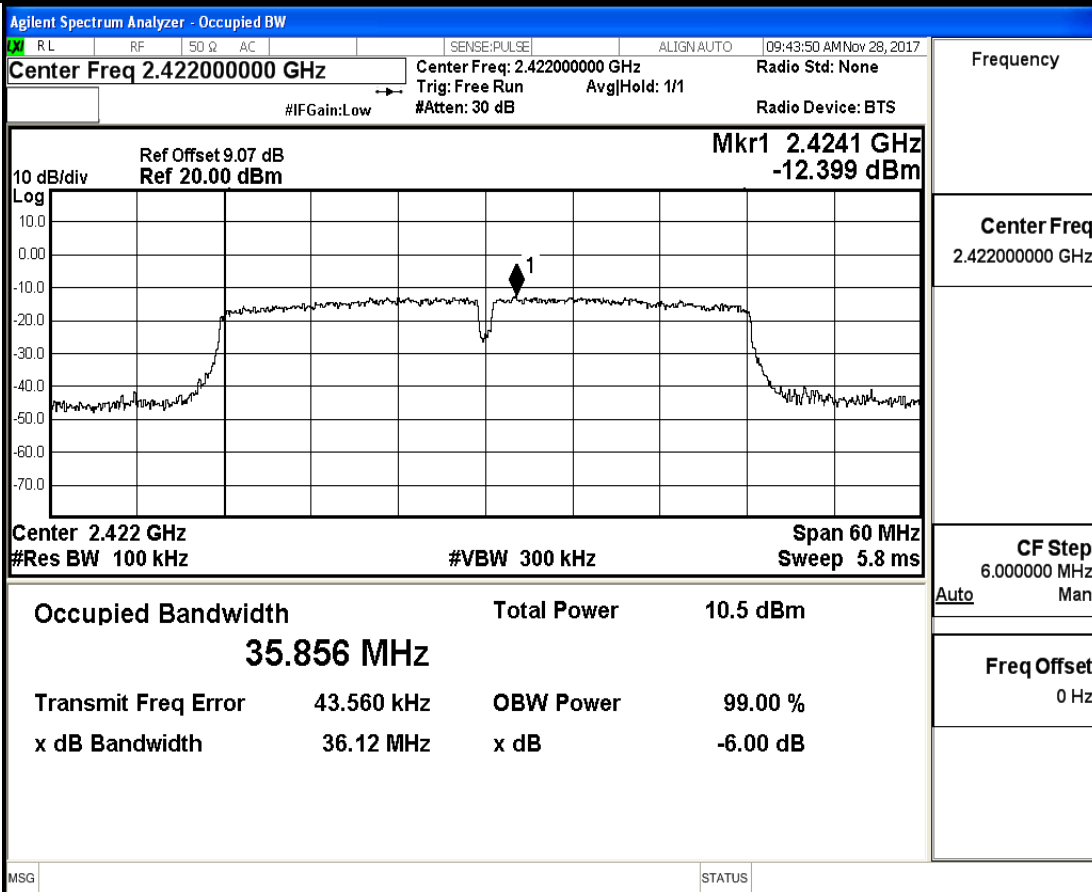
6dB Bandwidth_11N20SISO_2437_Ant1



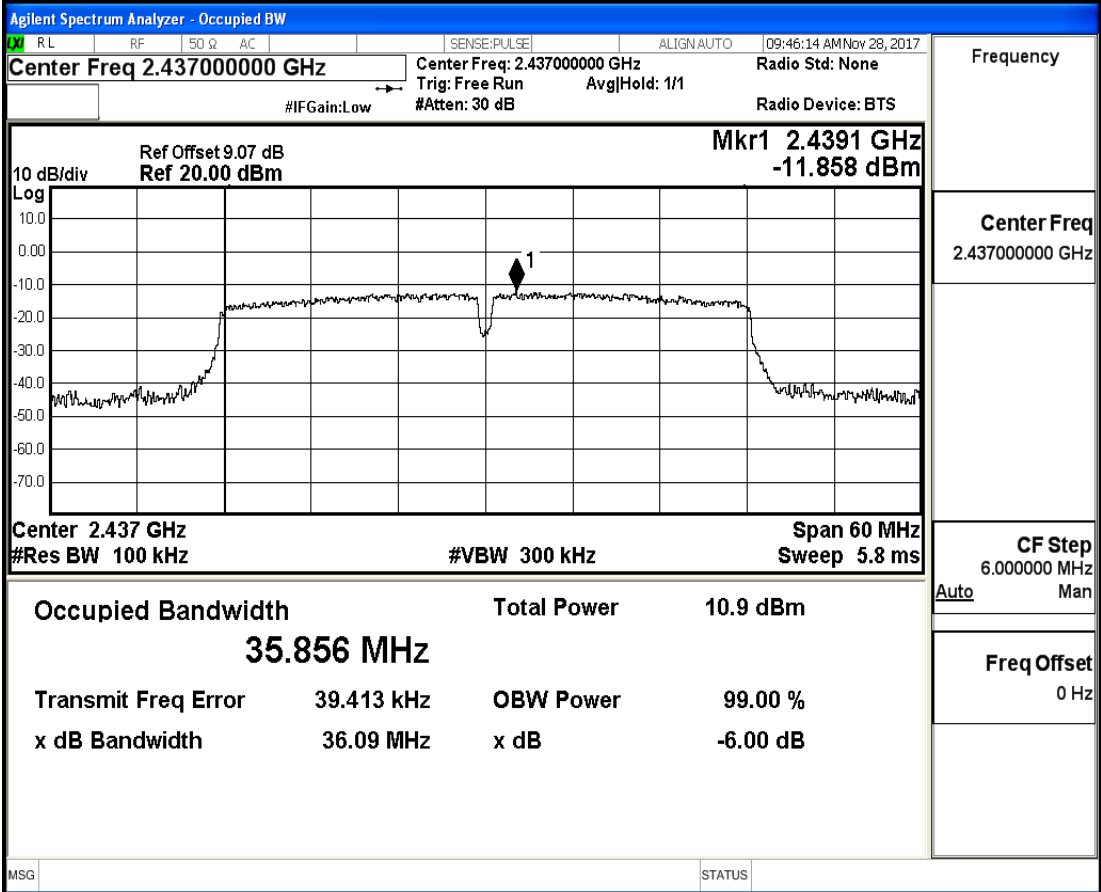
6dB Bandwidth_11N20SISO_2462_Ant1



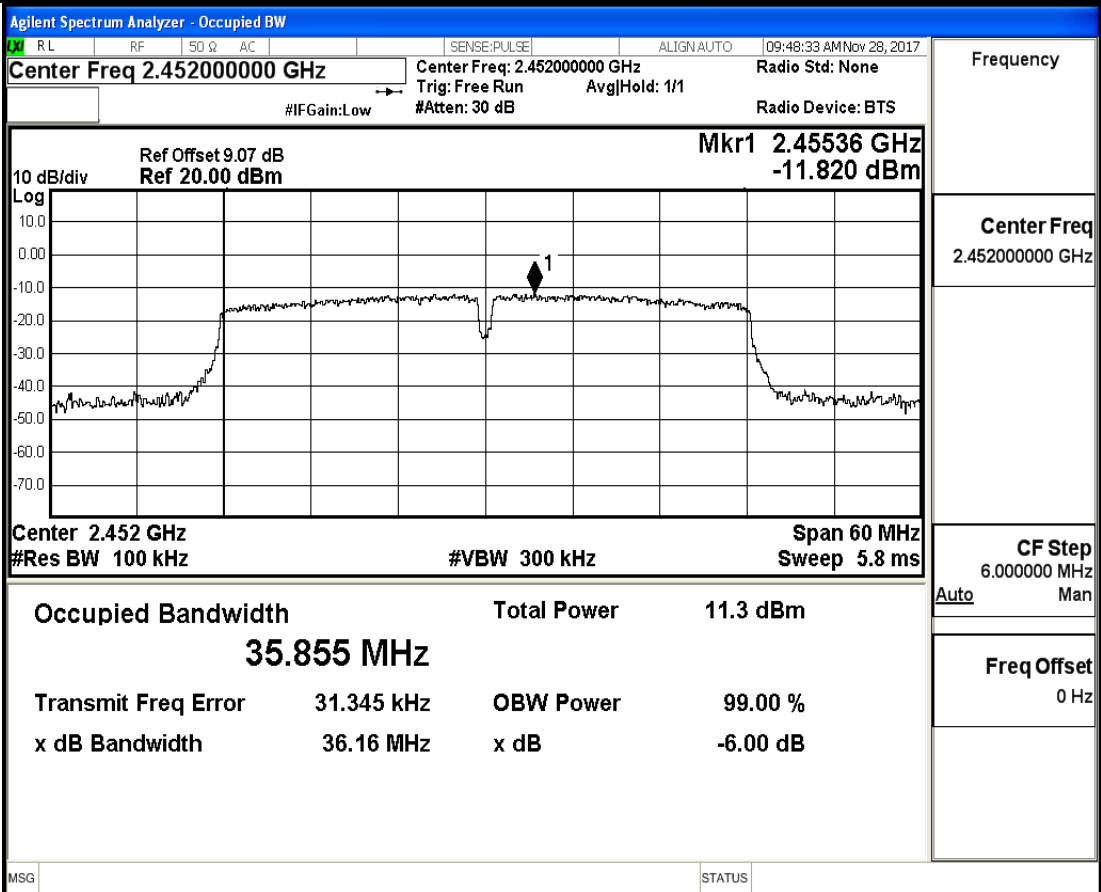
6dB Bandwidth_11N40SISO_2422_Ant1



6dB Bandwidth_11N40SISO_2437_Ant1



6dB Bandwidth_11N40SISO_2452_Ant1



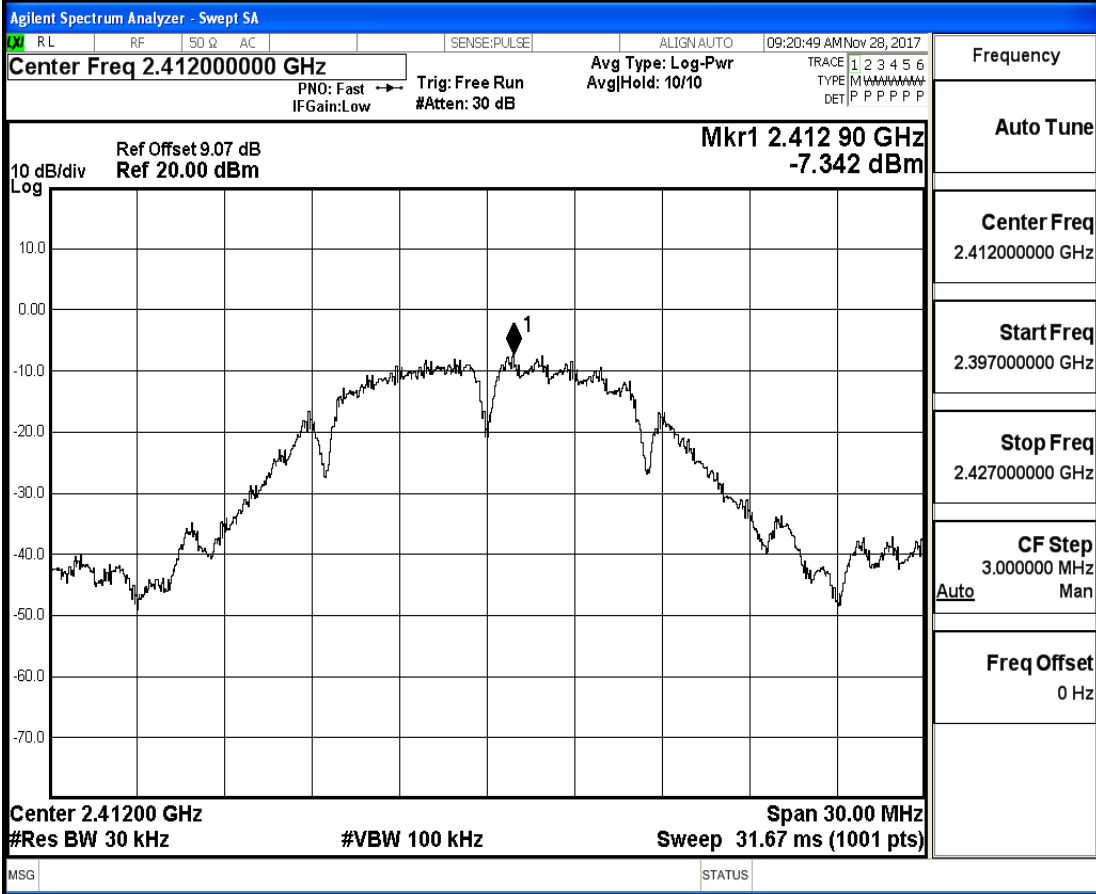
C.2 Maximum peak conducted output power

Test Mode	Test Channel	Ant	Peak Conducted Output Power (dBm)	Average Conducted Output Power (dBm)	Limit[dBm]	Verdict
11B	2412	Ant1	17.16	15.04	30	PASS
11B	2437	Ant1	17.53	15.45	30	PASS
11B	2462	Ant1	17.69	15.88	30	PASS
11G	2412	Ant1	16.74	12.49	30	PASS
11G	2437	Ant1	16.46	12.31	30	PASS
11G	2462	Ant1	16.59	12.46	30	PASS
11N20SISO	2412	Ant1	16.67	11.64	30	PASS
11N20SISO	2437	Ant1	17.01	11.15	30	PASS
11N20SISO	2462	Ant1	17.18	11.96	30	PASS
11N40SISO	2422	Ant1	15.67	9.84	30	PASS
11N40SISO	2437	Ant1	16.43	10.28	30	PASS
11N40SISO	2452	Ant1	16.75	10.60	30	PASS

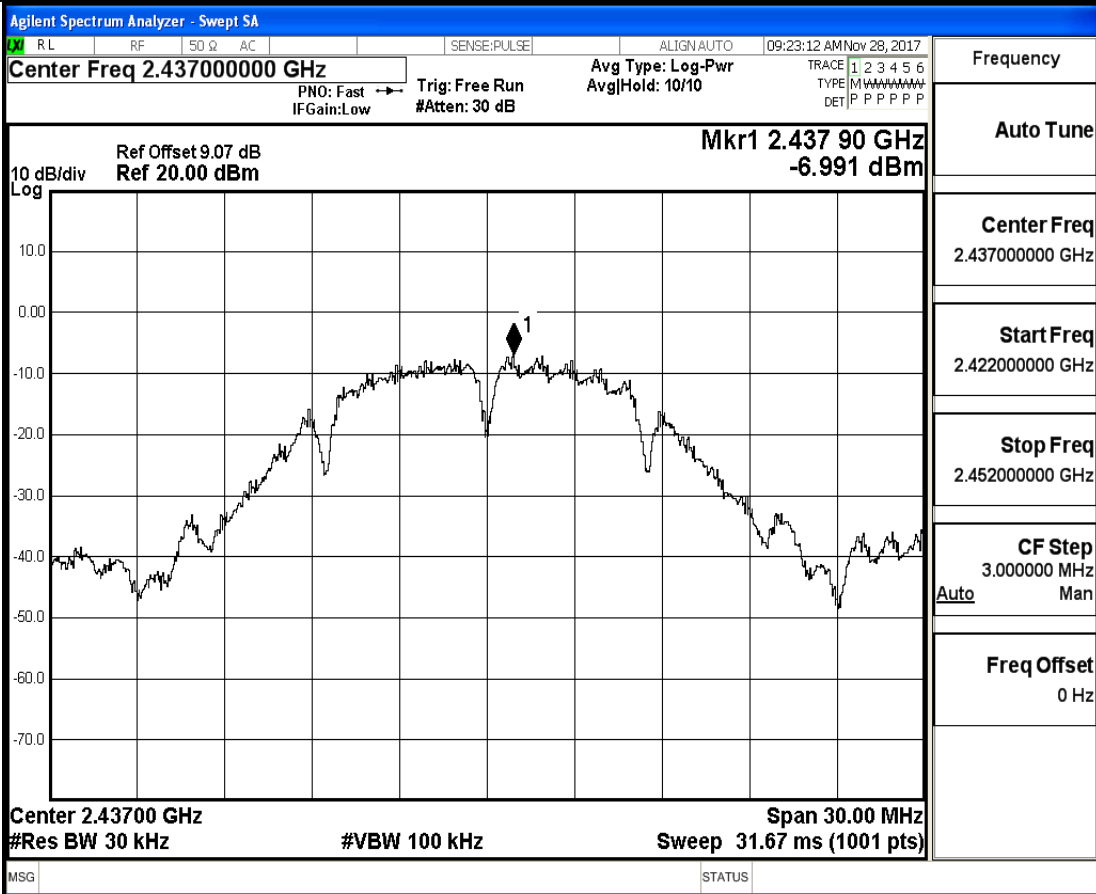
C.3 Maximum Peak power spectral density

Test Mode	Test Channel	Ant	PSD[dBm/30KHz]	Limit[dBm/3KHz]	Verdict
11B	2412	Ant1	-7.342	8.00	PASS
11B	2437	Ant1	-6.991	8.00	PASS
11B	2462	Ant1	-6.415	8.00	PASS
11G	2412	Ant1	-11.307	8.00	PASS
11G	2437	Ant1	-11.605	8.00	PASS
11G	2462	Ant1	-11.228	8.00	PASS
11N20SISO	2412	Ant1	-11.337	8.00	PASS
11N20SISO	2437	Ant1	-11.021	8.00	PASS
11N20SISO	2462	Ant1	-10.096	8.00	PASS
11N40SISO	2422	Ant1	-15.764	8.00	PASS
11N40SISO	2437	Ant1	-15.186	8.00	PASS
11N40SISO	2452	Ant1	-14.834	8.00	PASS

Maximum Peak power spectral density_11B_2412_Ant1



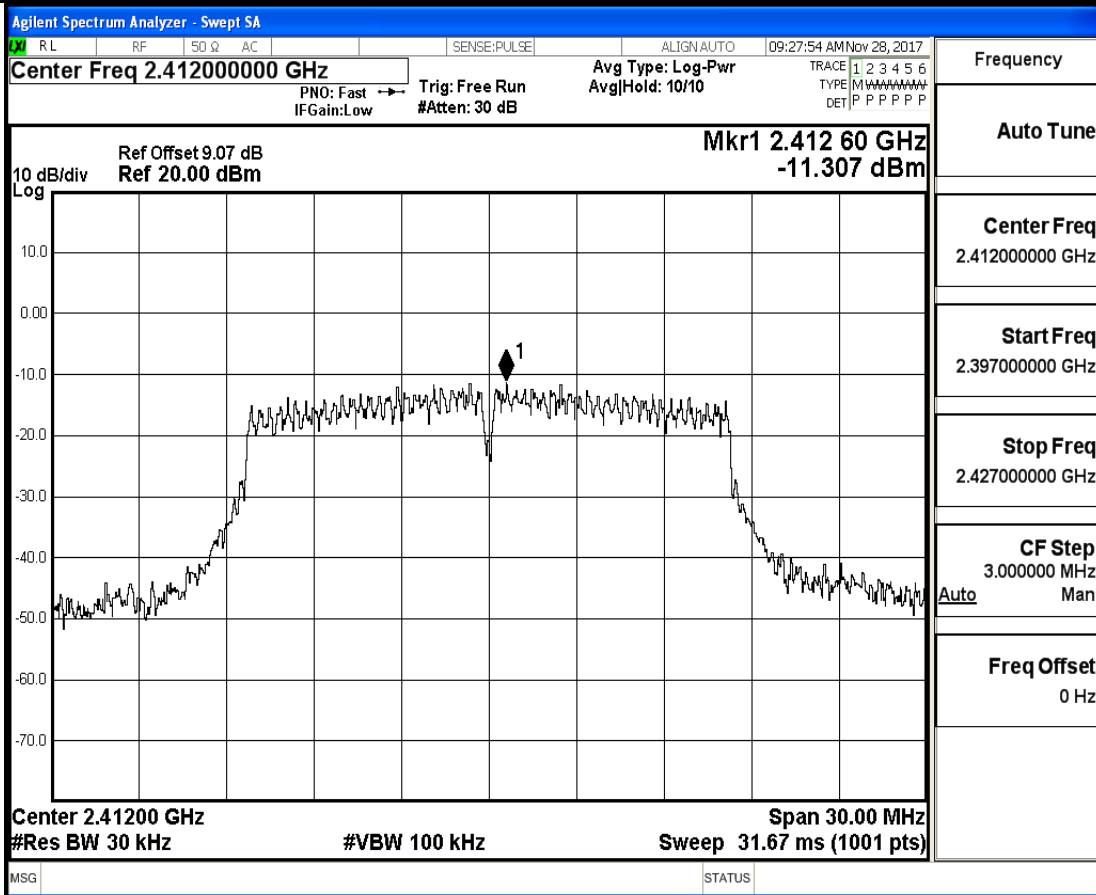
Maximum Peak power spectral density_11B_2437_Ant1



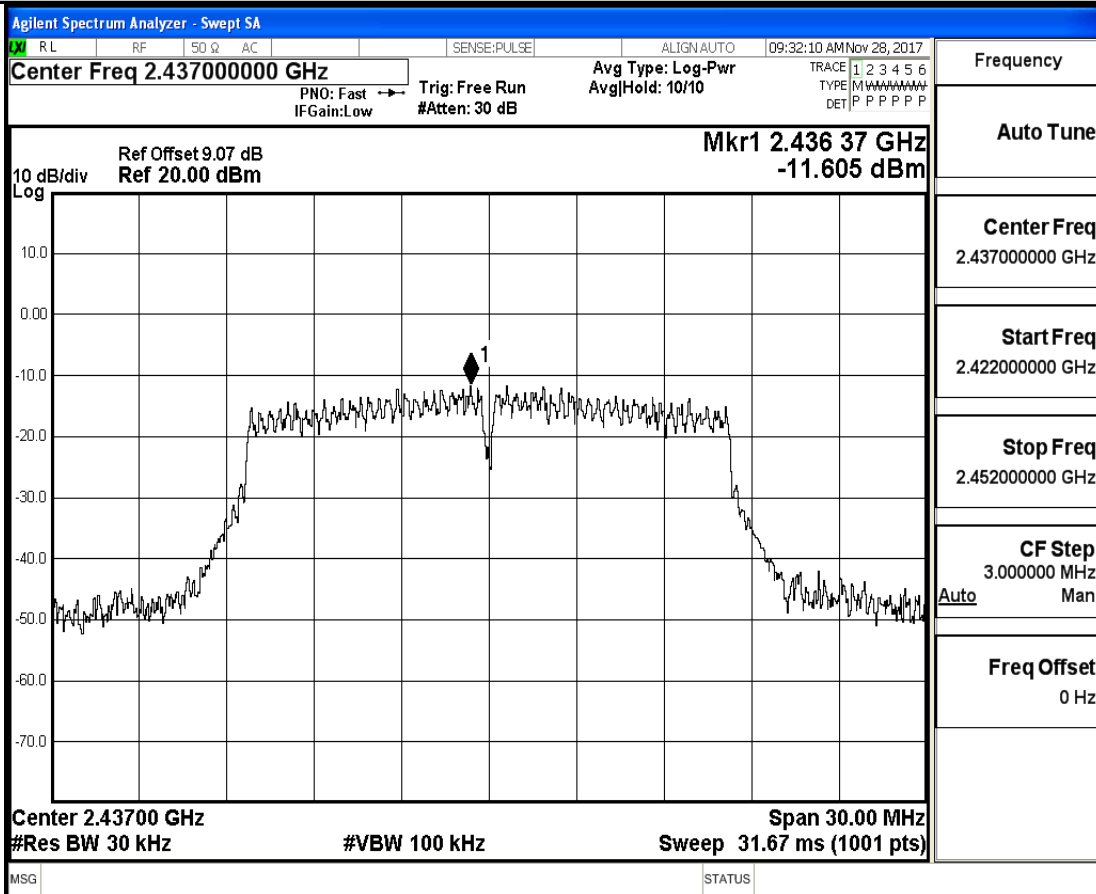
Maximum Peak power spectral density_11B_2462_Ant1



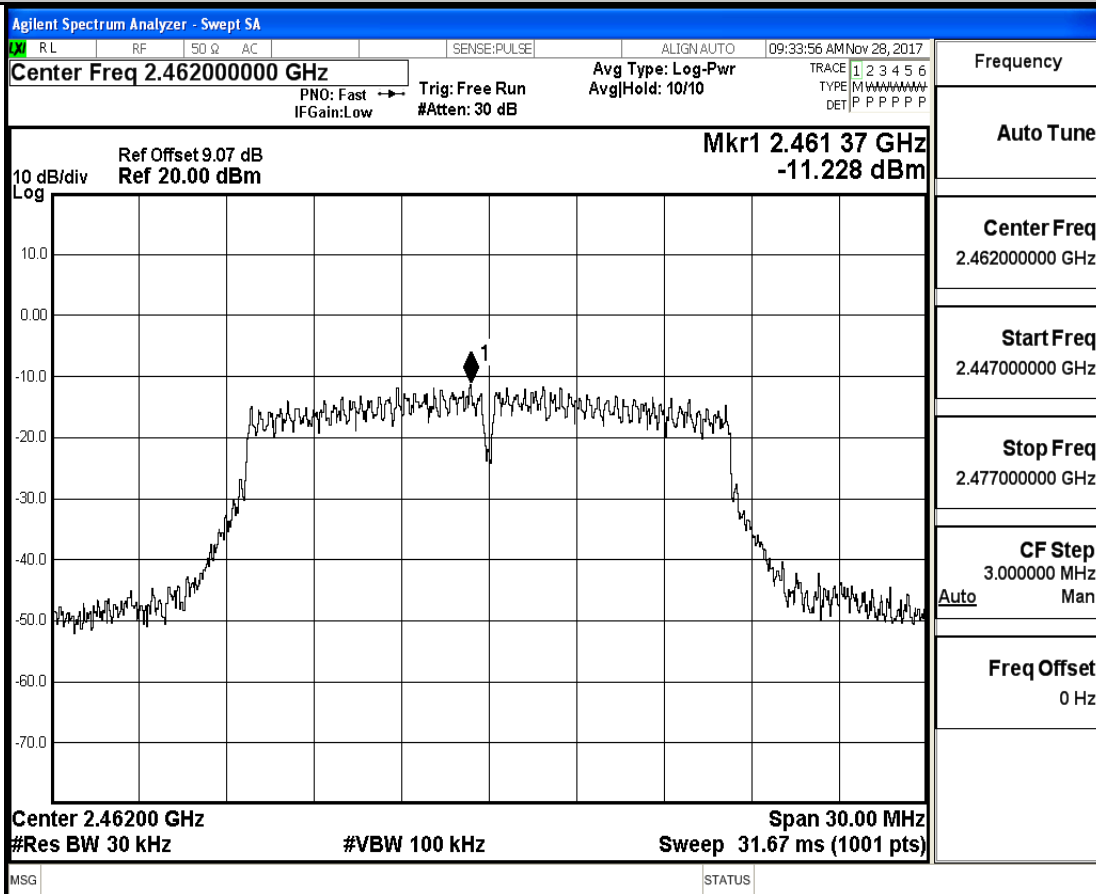
Maximum Peak power spectral density_11G_2412_Ant1



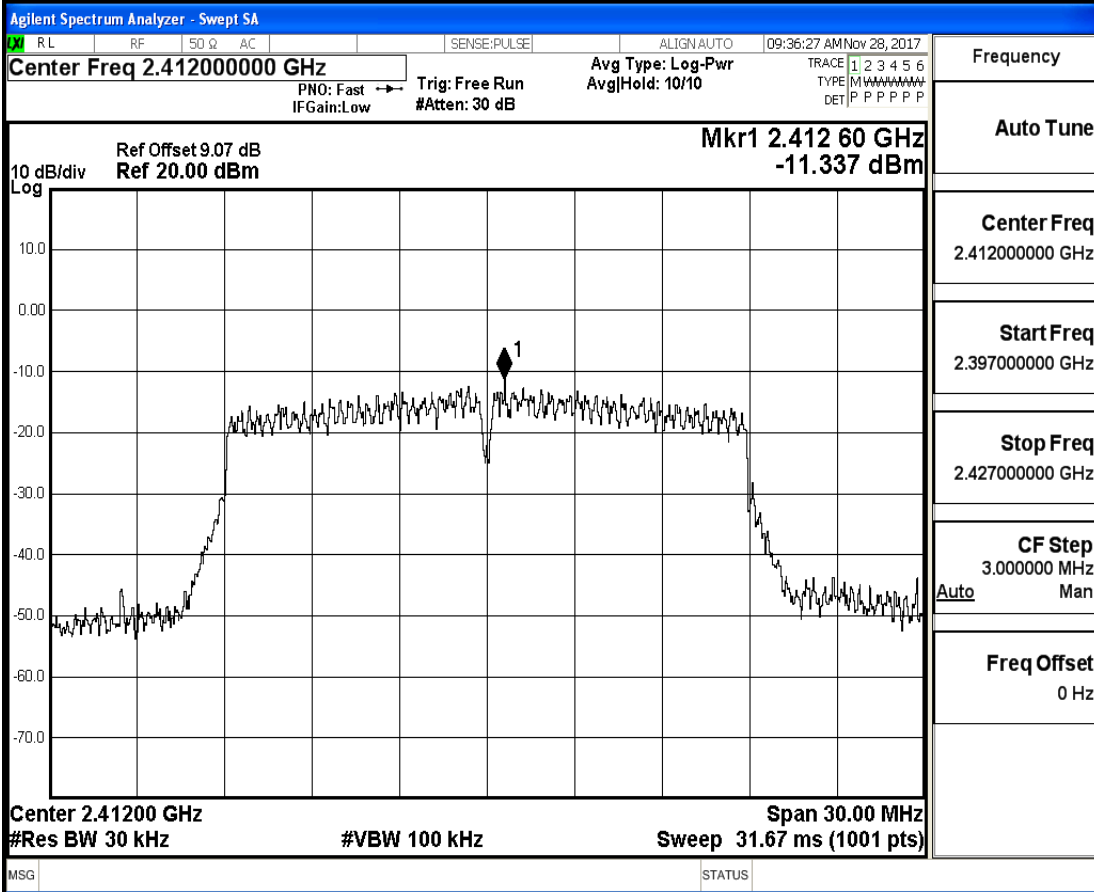
Maximum Peak power spectral density_11G_2437_Ant1



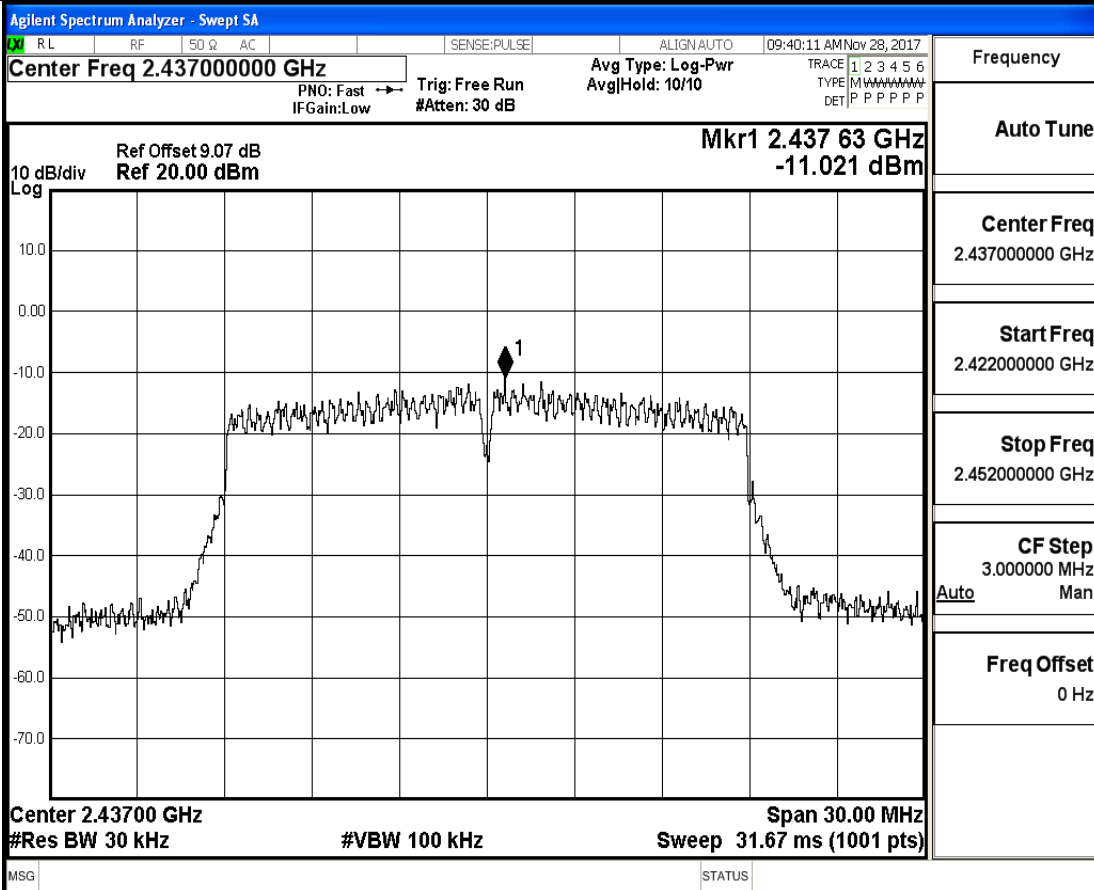
Maximum Peak power spectral density_11G_2462_Ant1



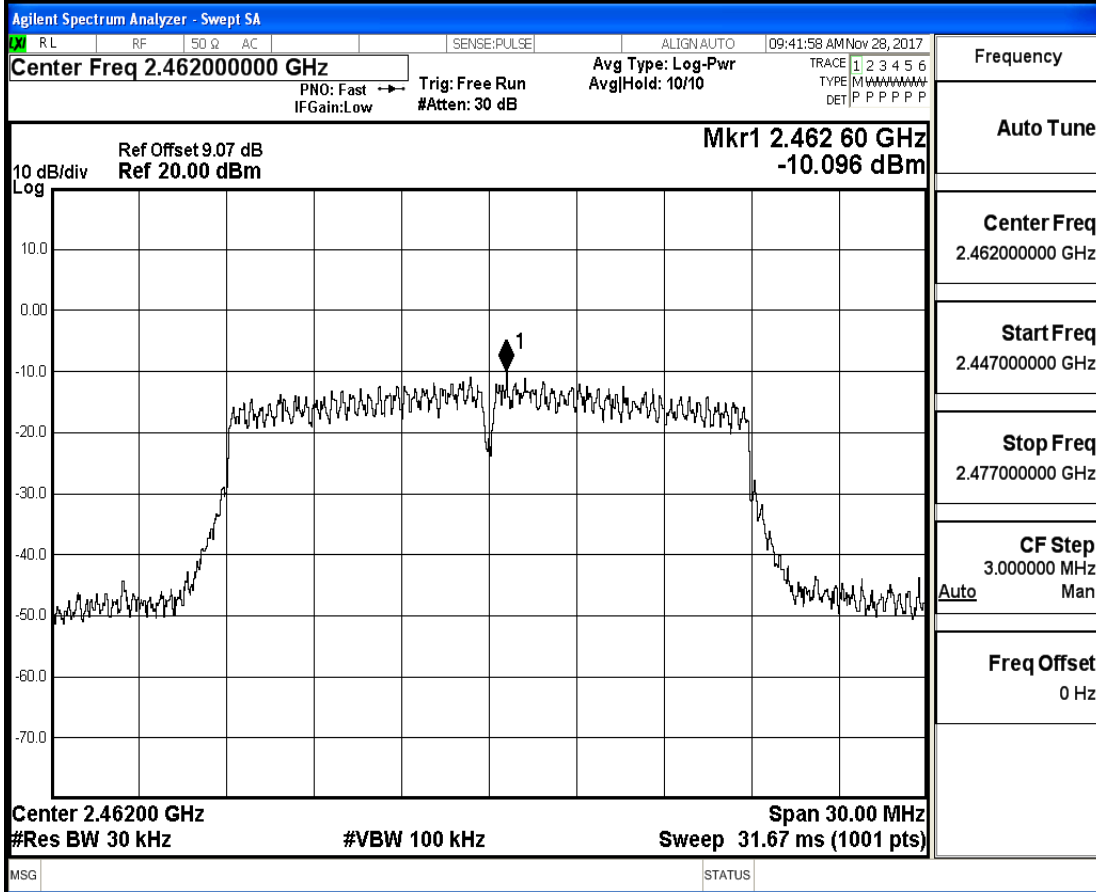
Maximum Peak power spectral density_11N20SISO_2412_Ant1



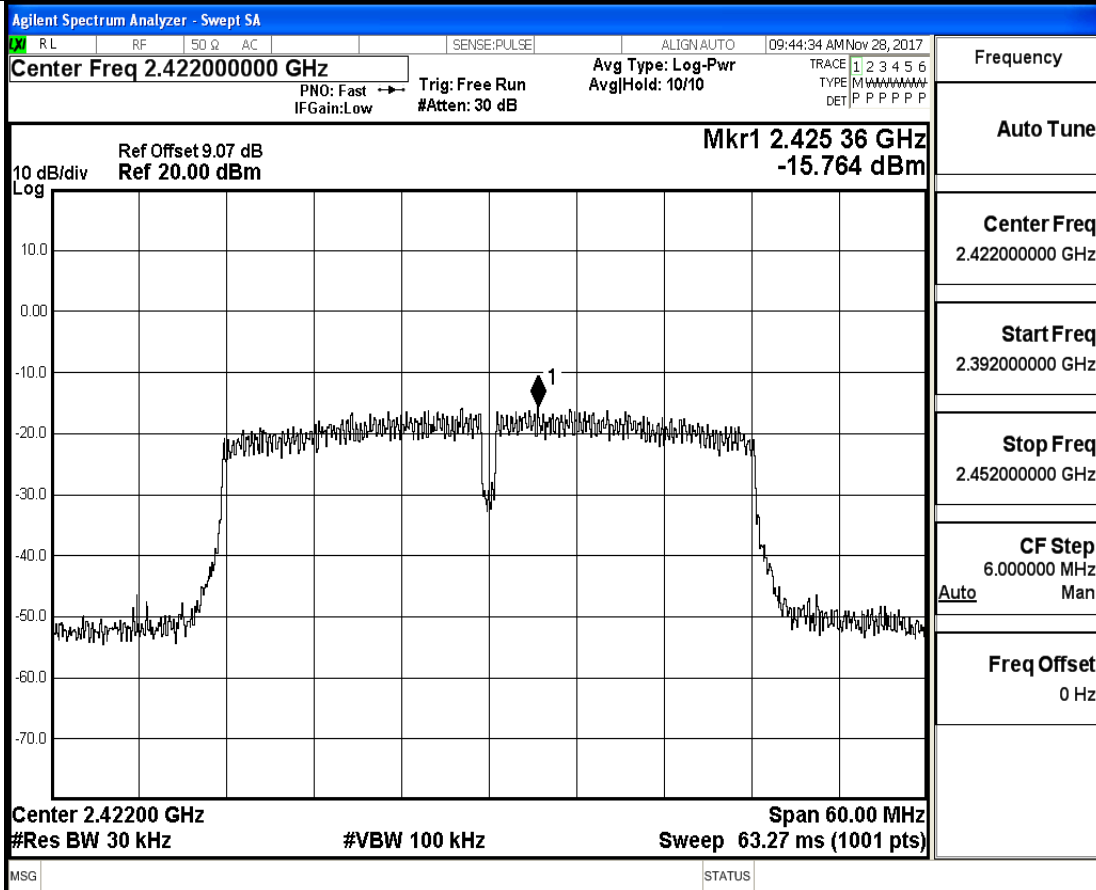
Maximum Peak power spectral density_11N20SISO_2437_Ant1



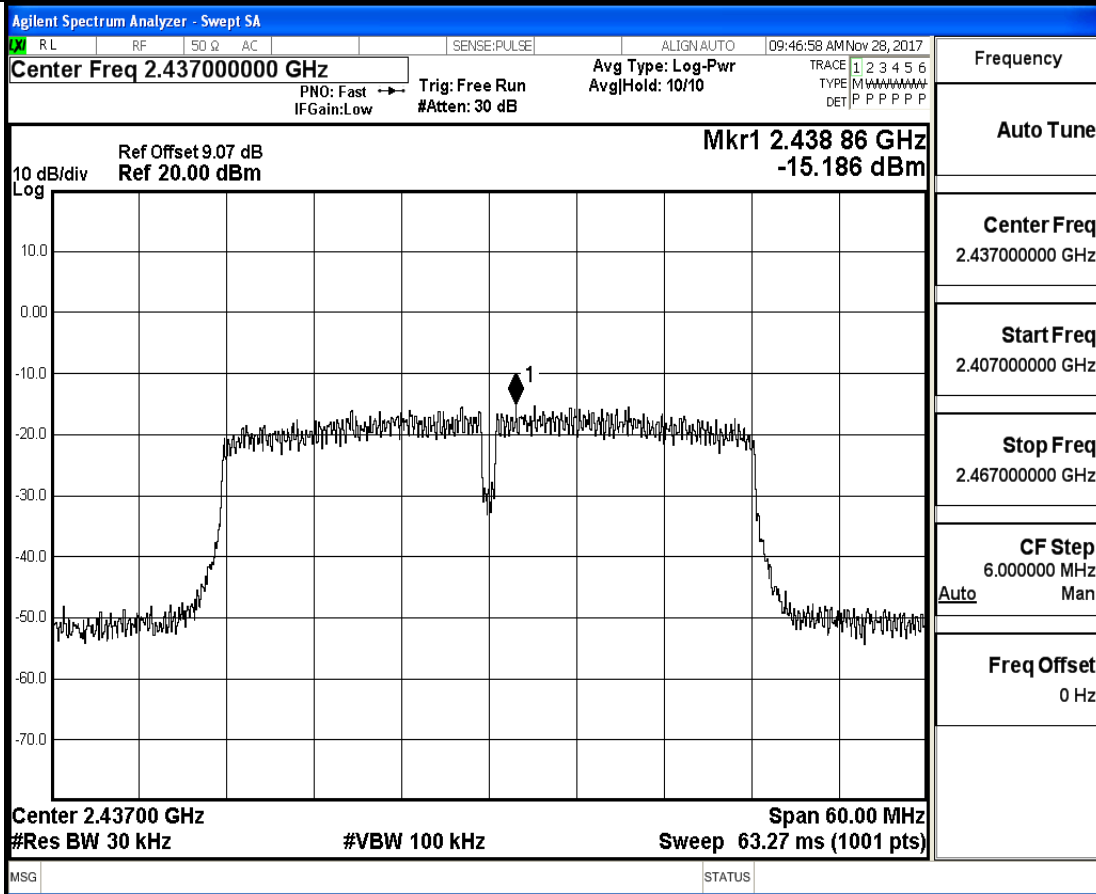
Maximum Peak power spectral density_11N20SISO_2462_Ant1



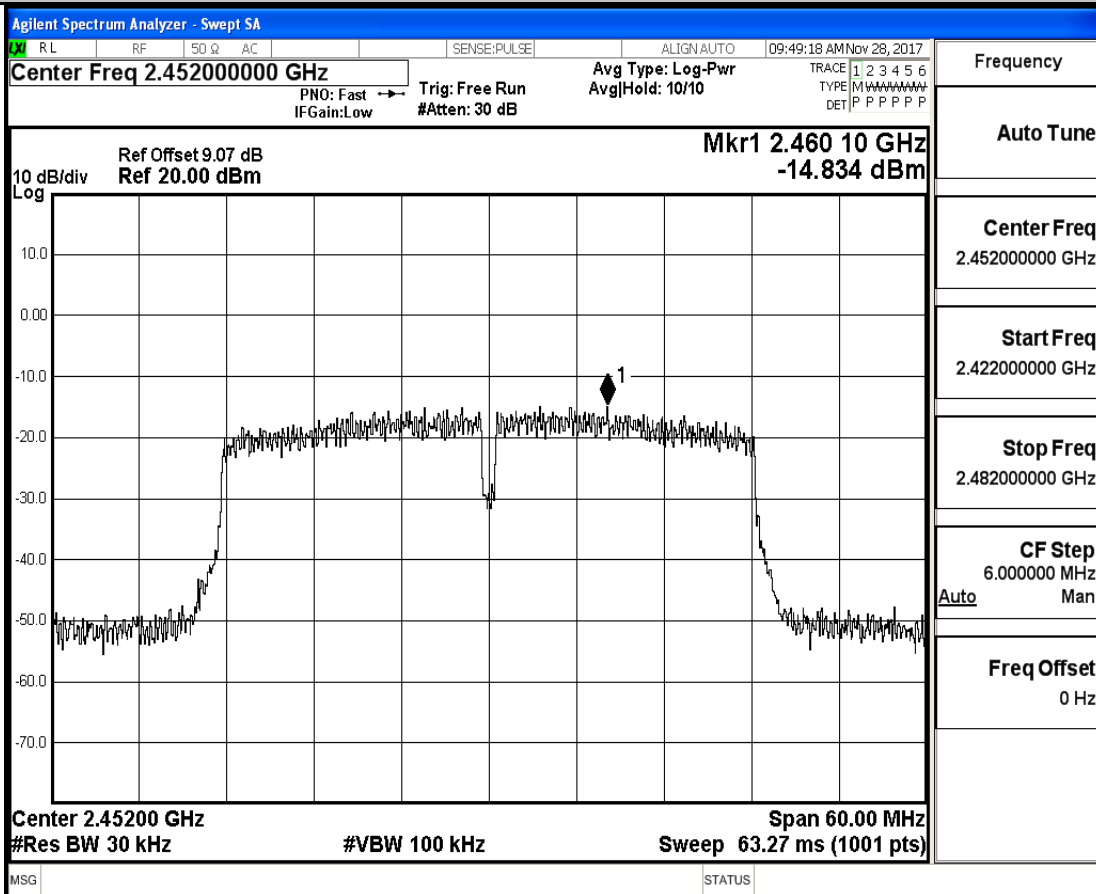
Maximum Peak power spectral density_11N40SISO_2422_Ant1



Maximum Peak power spectral density_11N40SISO_2437_Ant1



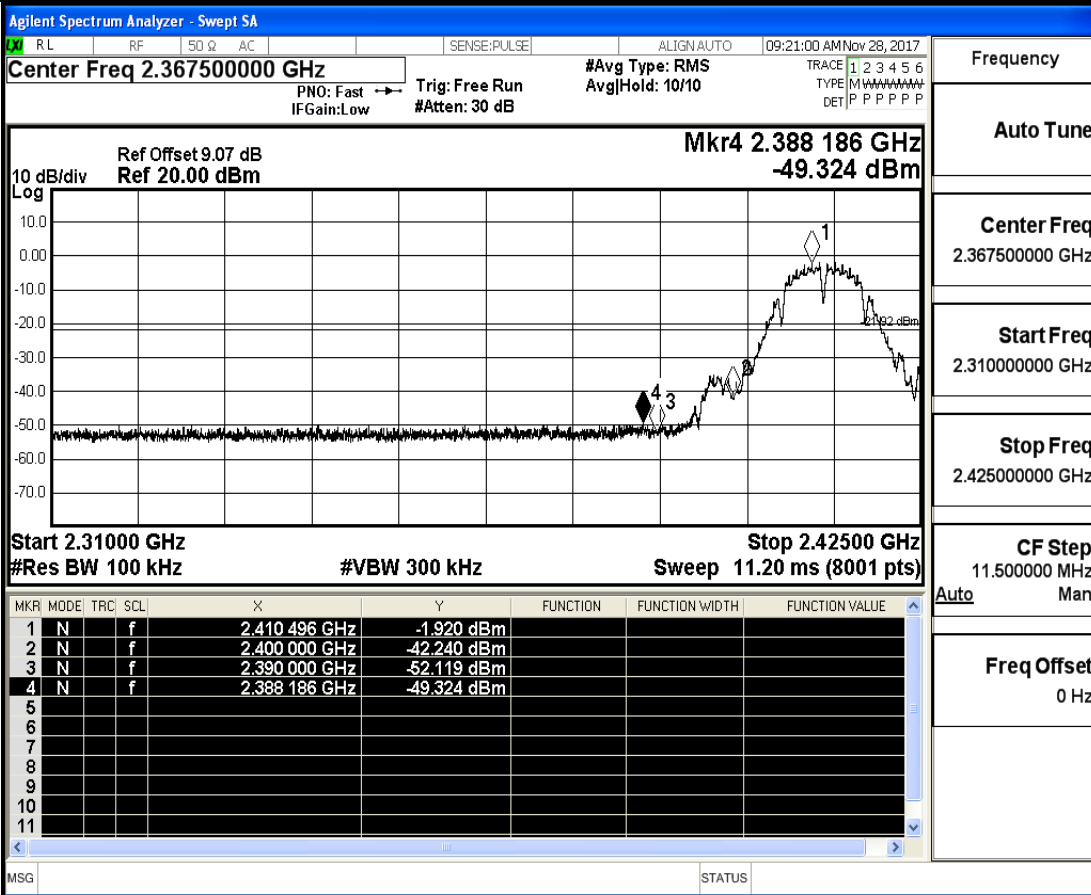
Maximum Peak power spectral density_11N40SISO_2452_Ant1



C.4 Band-edge for RF Conducted Emissions

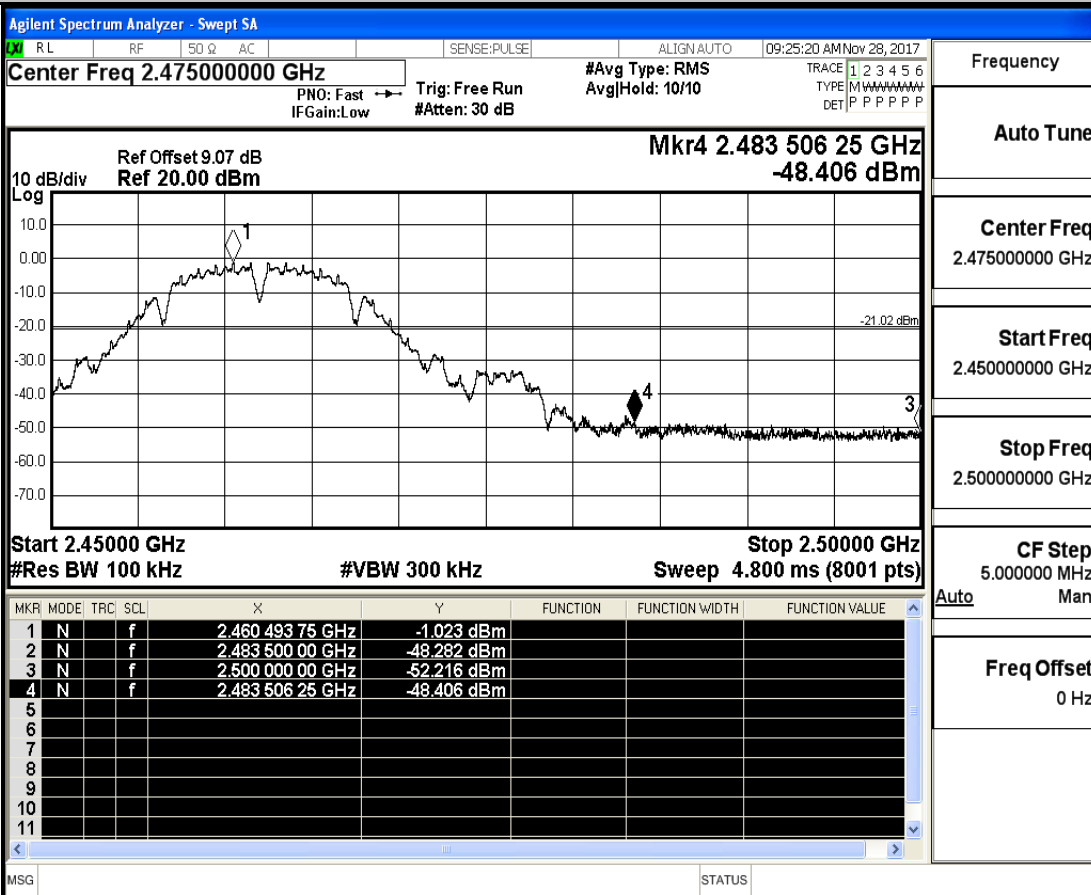
Test Mode	Test Channel	Ant	Carrier Power[dBm]	Max. Spurious Level [dBm]	Limit [dBm]	Verdict
11B	2412	Ant1	-1.920	-49.324	-21.92	PASS
11B	2462	Ant1	-1.023	-48.406	-21.02	PASS
11G	2412	Ant1	-8.530	-48.044	-28.53	PASS
11G	2462	Ant1	-8.530	-47.095	-28.53	PASS
11N20SISO	2412	Ant1	-9.560	-47.967	-29.56	PASS
11N20SISO	2462	Ant1	-8.204	-46.067	-28.2	PASS
11N40SISO	2422	Ant1	-12.685	-45.556	-32.69	PASS
11N40SISO	2452	Ant1	-11.737	-43.340	-31.74	PASS

Band-edge for RF Conducted Emissions_11B_2412_Ant1



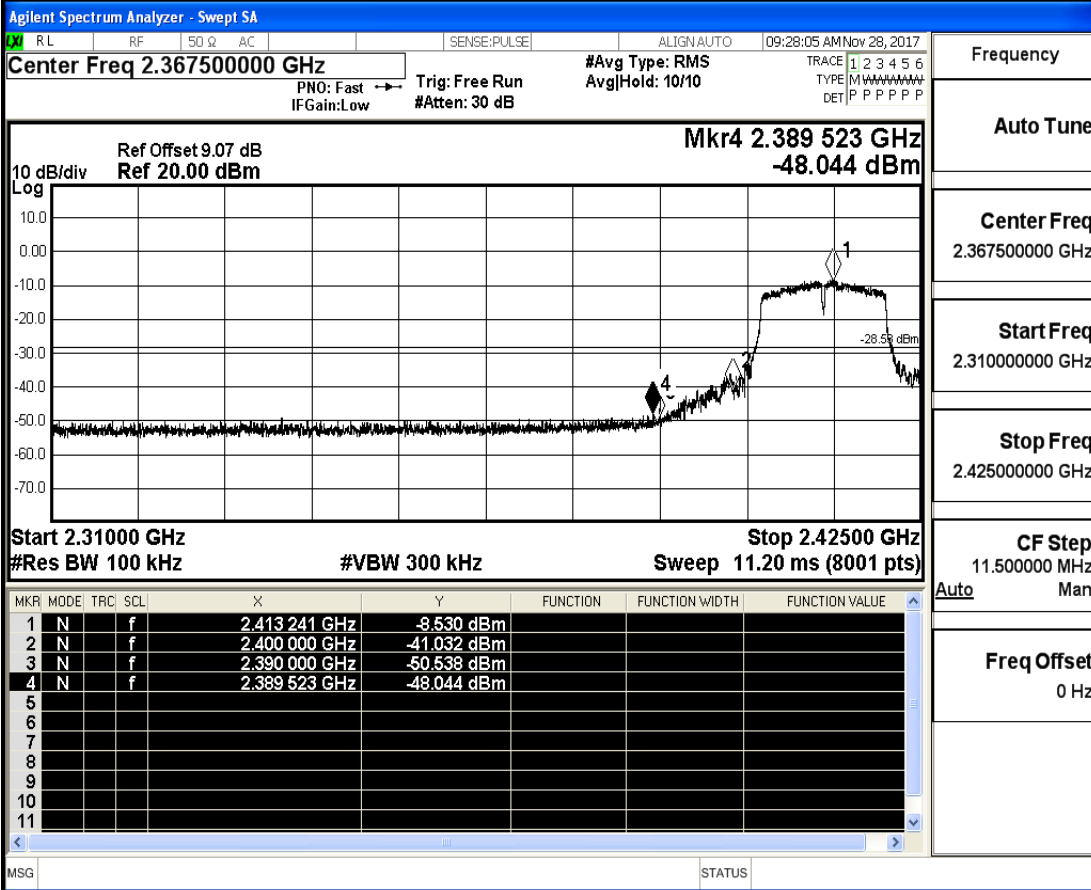
Frequency	
Auto Tune	
Center Freq	2.367500000 GHz
Start Freq	2.310000000 GHz
Stop Freq	2.425000000 GHz
CF Step	11.500000 MHz
Freq Offset	0 Hz

Band-edge for RF Conducted Emissions_11B_2462_Ant1

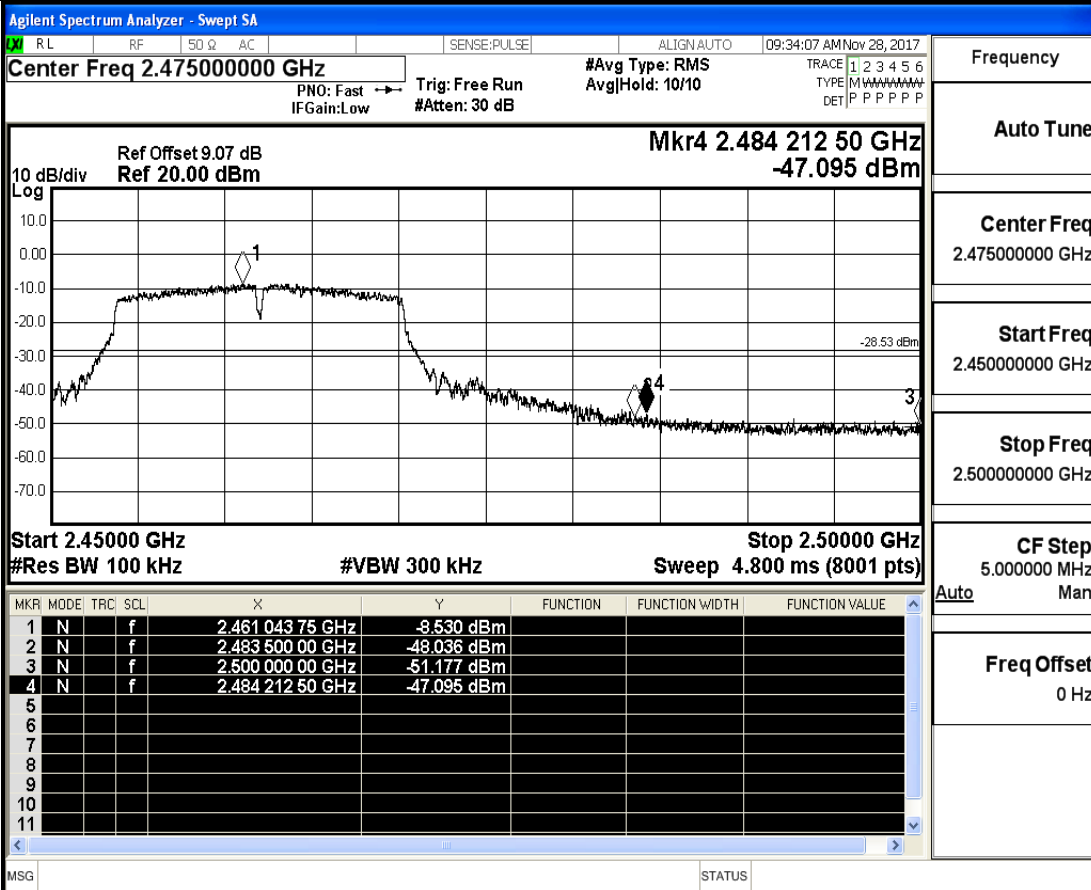


Frequency	
Auto Tune	
Center Freq	2.475000000 GHz
Start Freq	2.450000000 GHz
Stop Freq	2.500000000 GHz
CF Step	5.000000 MHz
Freq Offset	0 Hz

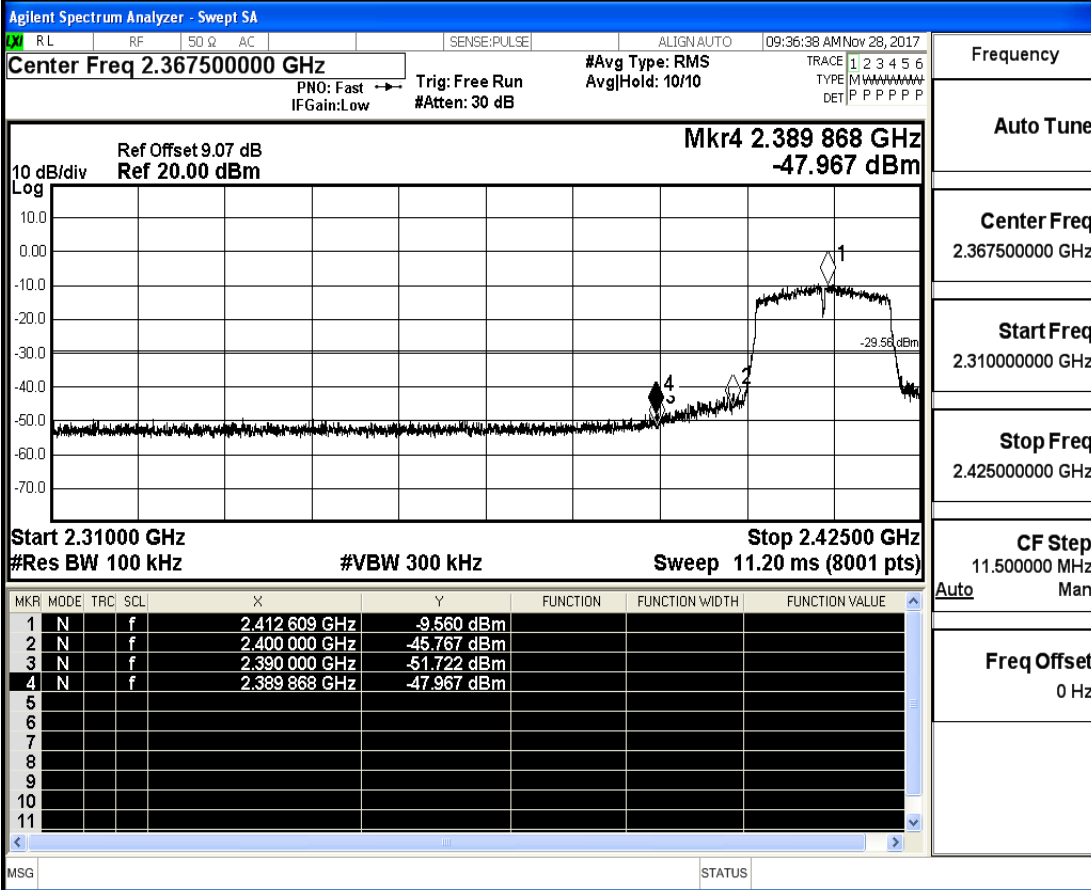
Band-edge for RF Conducted Emissions_11G_2412_Ant1



Band-edge for RF Conducted Emissions_11G_2462_Ant1

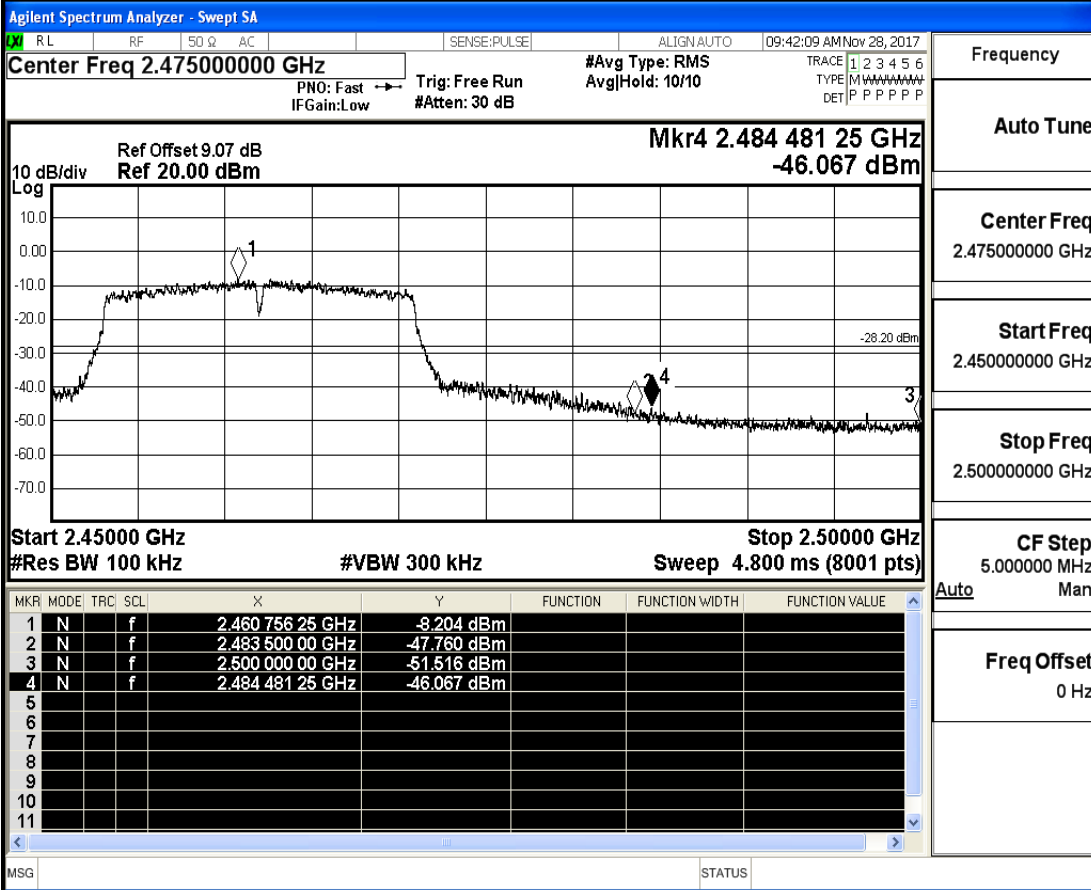


Band-edge for RF Conducted Emissions_11N20SISO_2412_Ant1



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

Band-edge for RF Conducted Emissions_11N20SISO_2462_Ant1

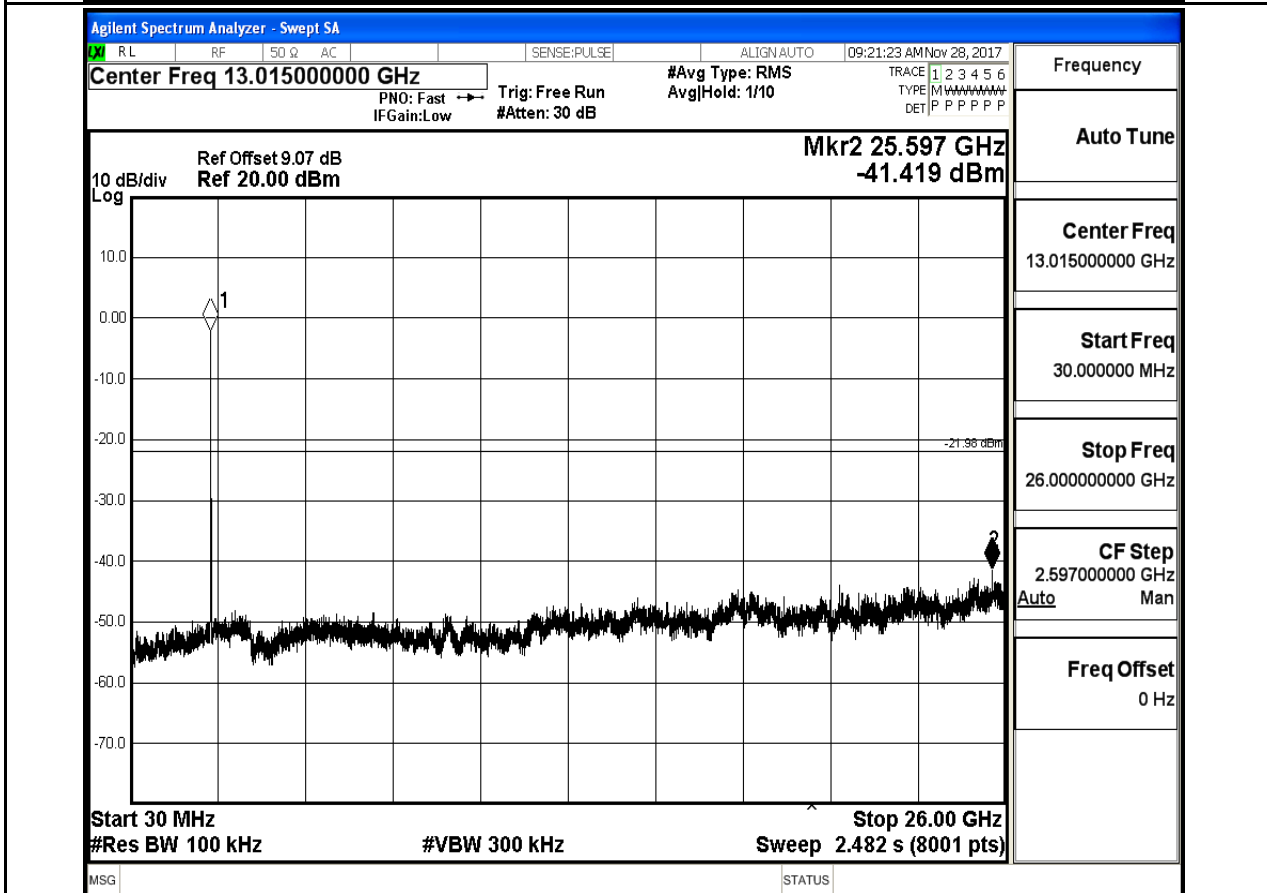
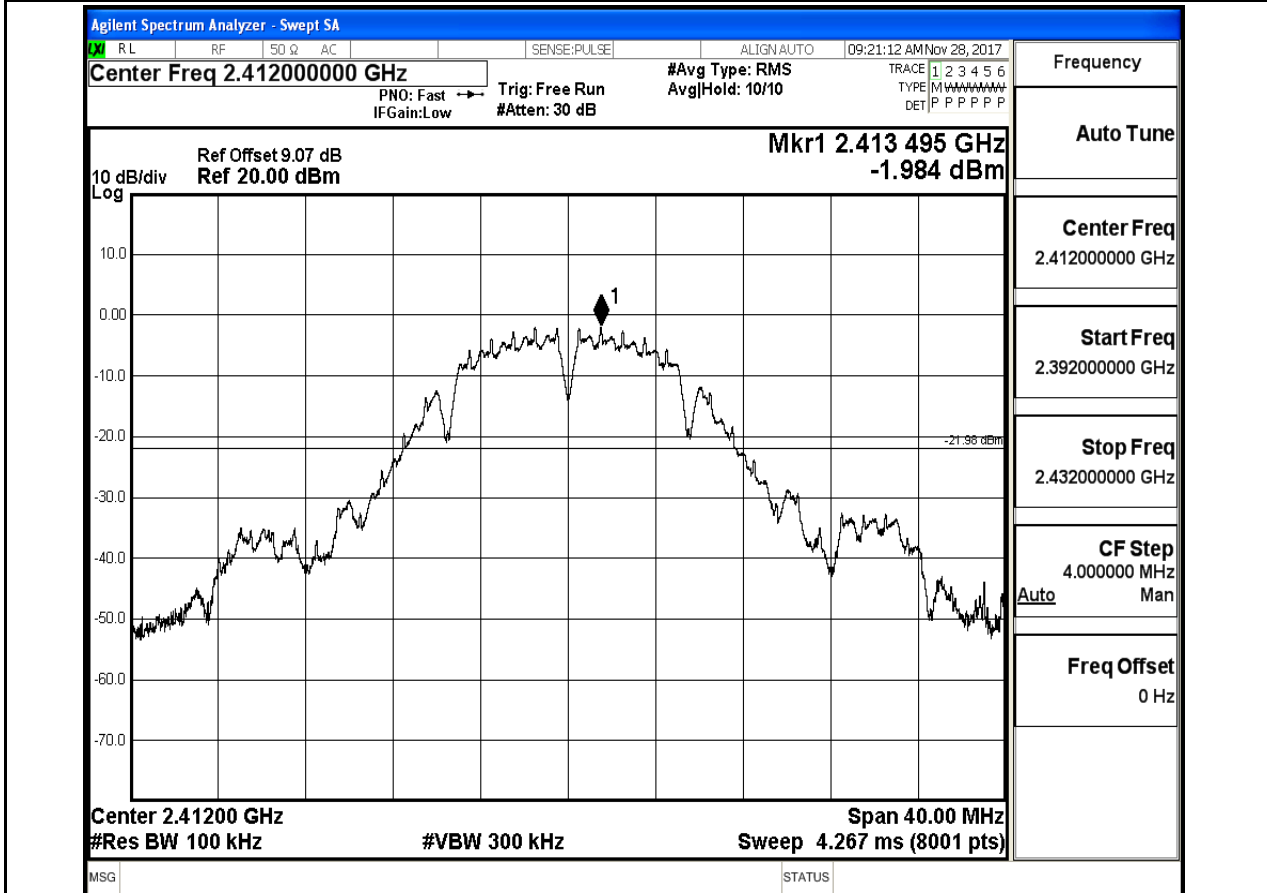


Frequency	
Auto Tune	
Center Freq	2.475000000 GHz
Start Freq	2.450000000 GHz
Stop Freq	2.500000000 GHz
CF Step	5.000000 MHz
Auto	Man
Freq Offset	0 Hz

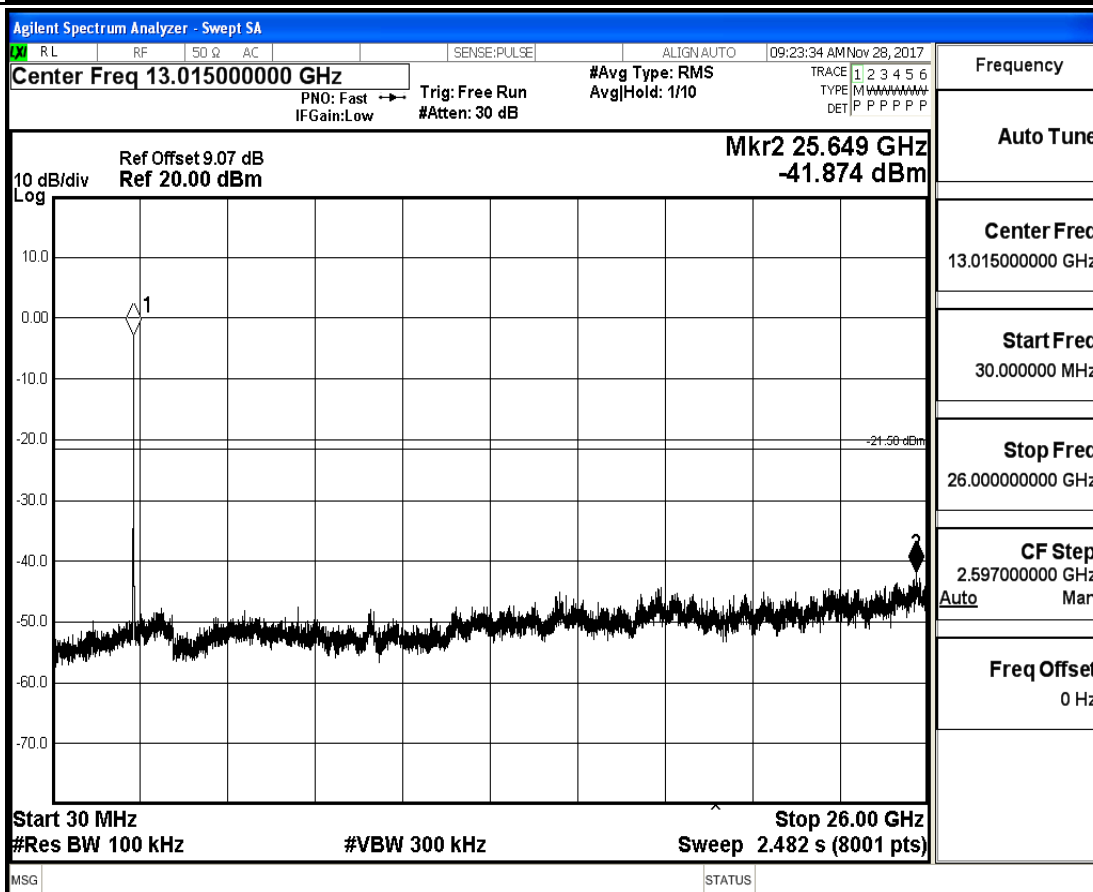
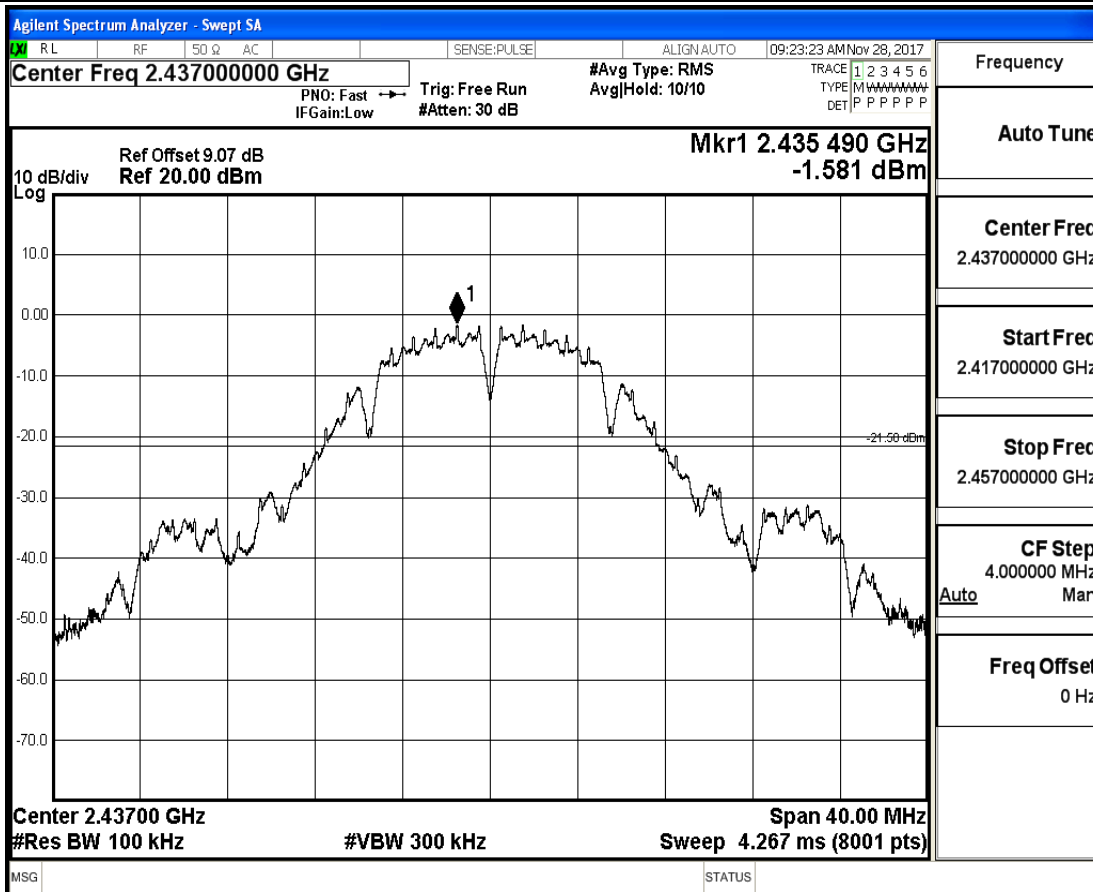
C.5 RF Conducted Spurious Emissions

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	-1.984	-41.419	<- 21.984	PASS
11B	2437	Ant1	30	26000	100	300	-1.581	-41.874	<- 21.581	PASS
11B	2462	Ant1	30	26000	100	300	-1.044	-42.868	<- 21.044	PASS
11G	2412	Ant1	30	26000	100	300	-8.572	-42.496	<- 28.572	PASS
11G	2437	Ant1	30	26000	100	300	-8.582	-41.854	<- 28.582	PASS
11G	2462	Ant1	30	26000	100	300	-8.649	-42.591	<- 28.649	PASS
11N20SISO	2412	Ant1	30	26000	100	300	-9.423	-41.664	<- 29.423	PASS
11N20SISO	2437	Ant1	30	26000	100	300	-9.116	-43.098	<- 29.116	PASS
11N20SISO	2462	Ant1	30	26000	100	300	-8.116	-42.226	<- 28.116	PASS
11N40SISO	2422	Ant1	30	26000	100	300	-12.489	-42.760	<- 32.489	PASS
11N40SISO	2437	Ant1	30	26000	100	300	-12.587	-42.145	<- 32.587	PASS
11N40SISO	2452	Ant1	30	26000	100	300	-11.957	-42.487	<- 31.957	PASS

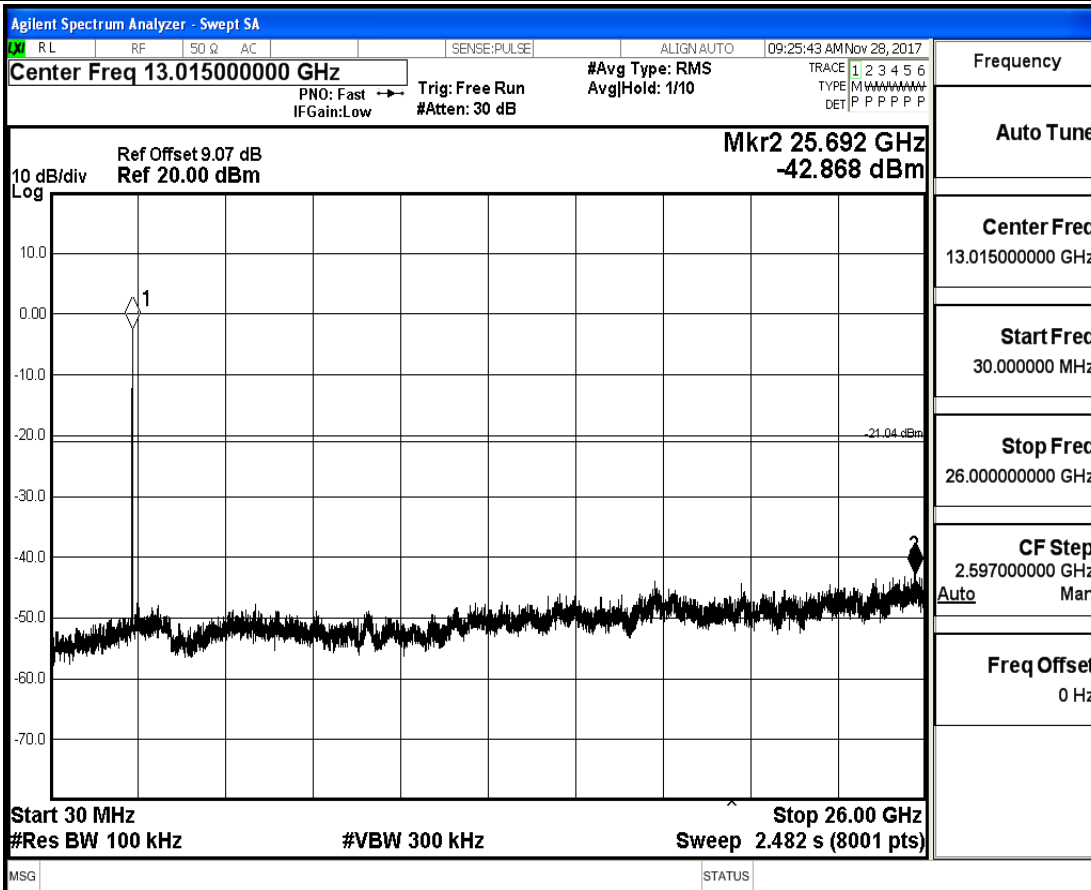
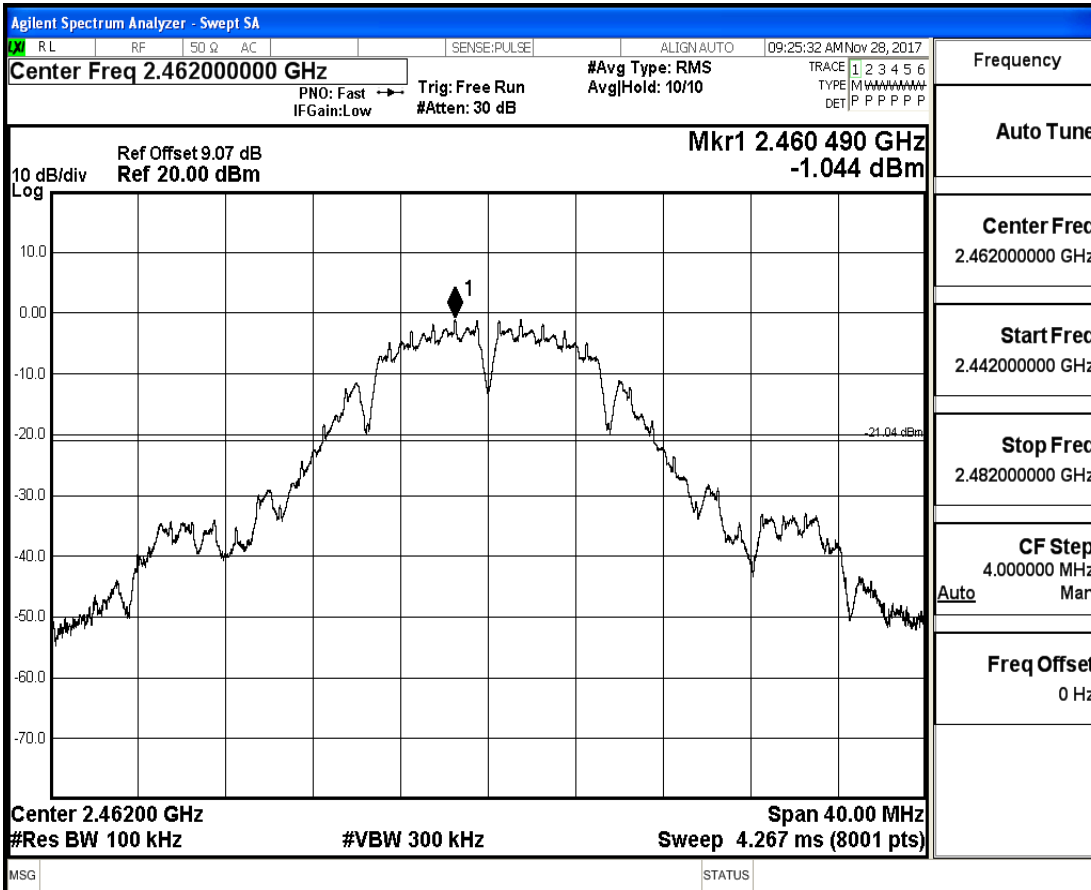
RF Conducted Spurious Emissions_11B_2412_Ant1



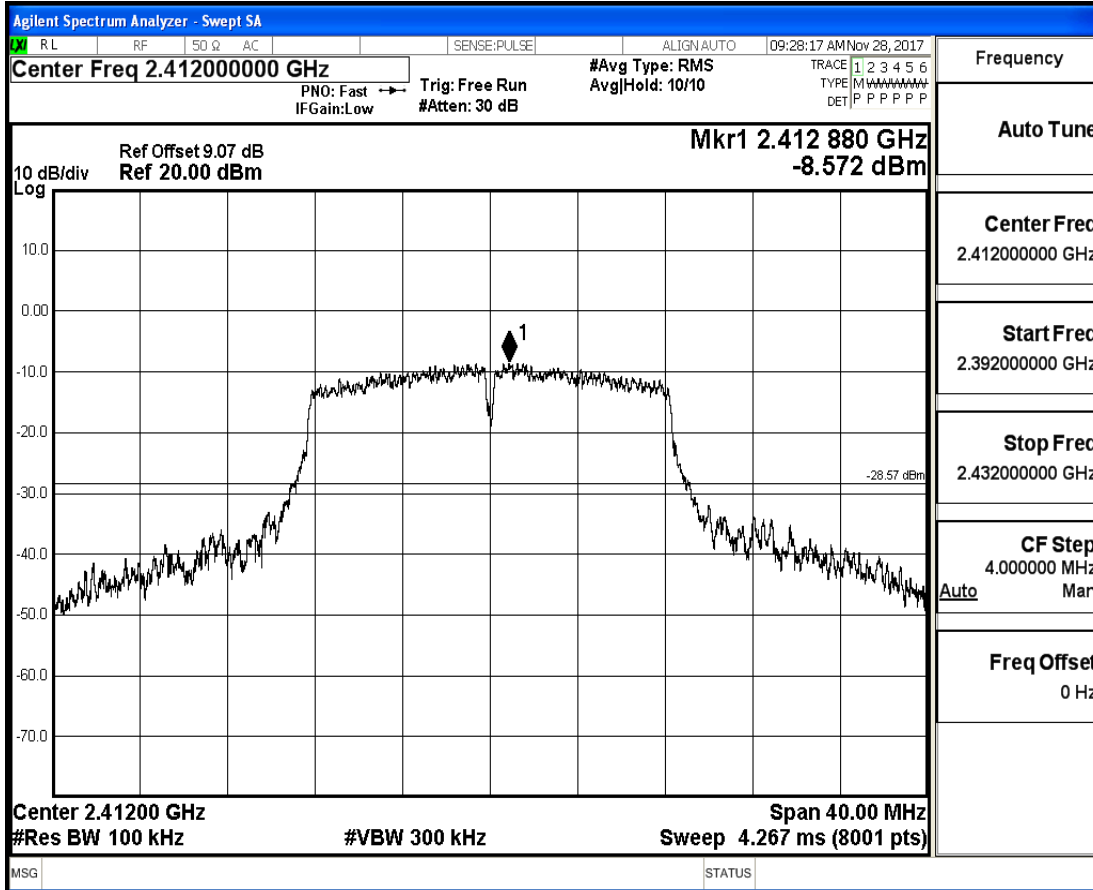
RF Conducted Spurious Emissions_11B_2437_Ant1



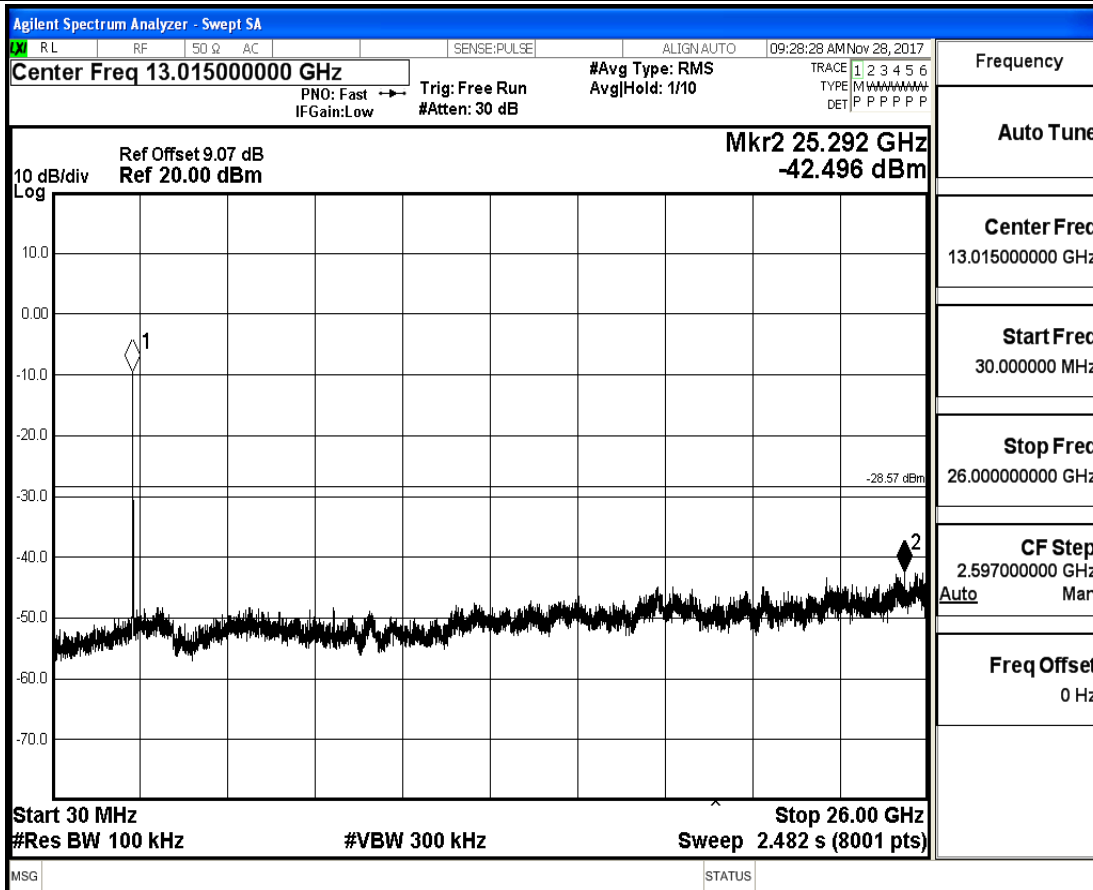
RF Conducted Spurious Emissions_11B_2462_Ant1



RF Conducted Spurious Emissions_11G_2412_Ant1

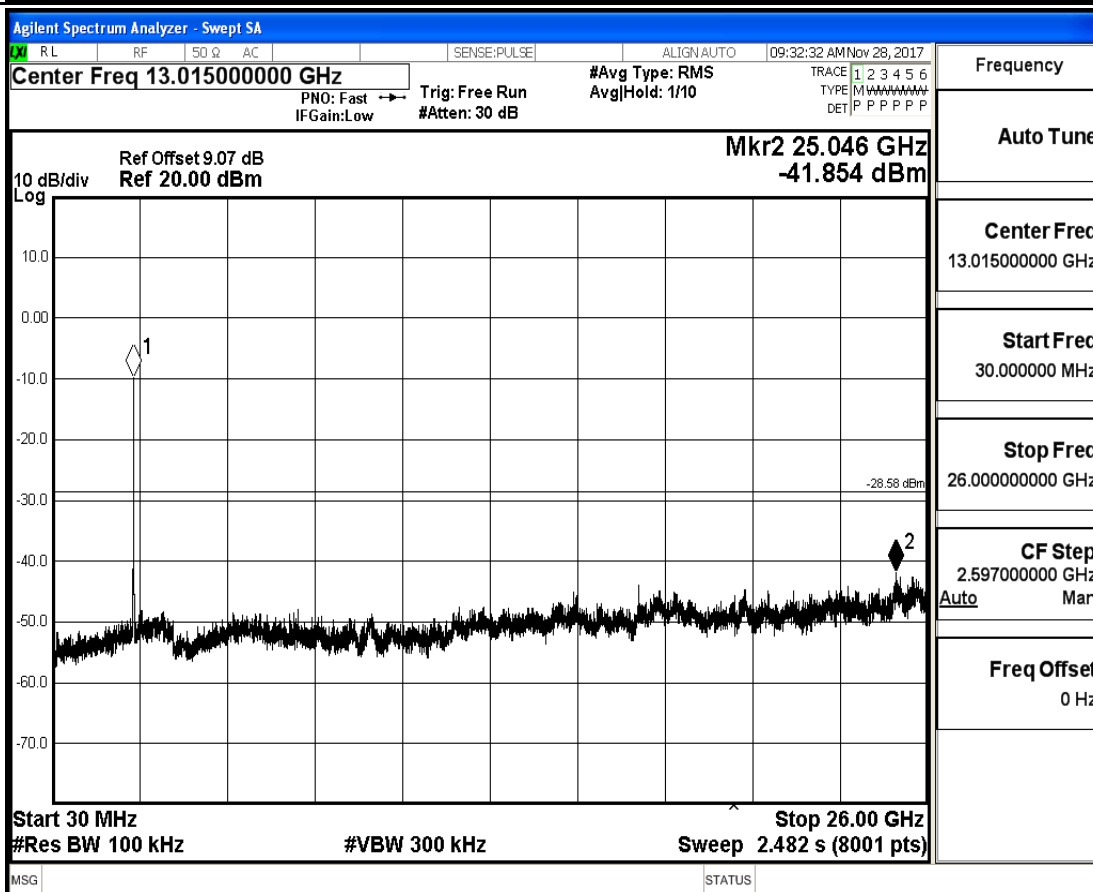
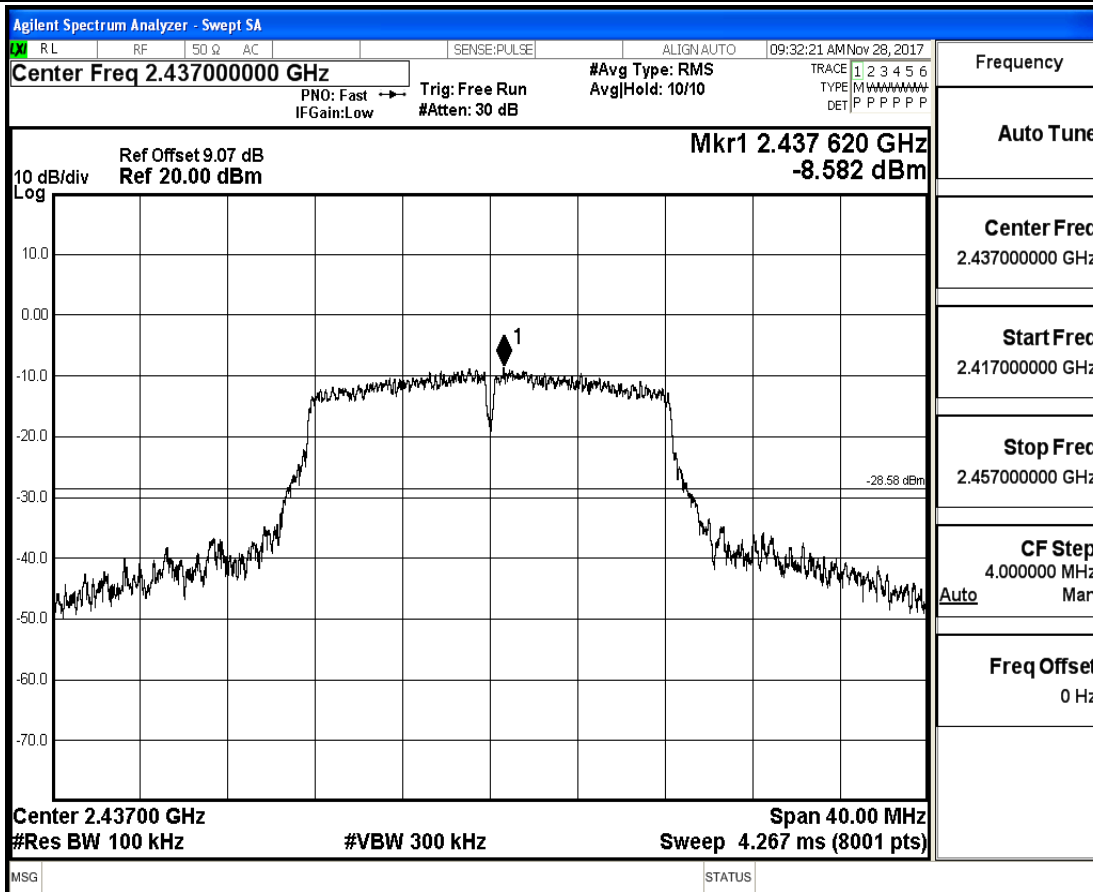


Frequency
Auto Tune
Center Freq 2.41200000 GHz
Start Freq 2.392000000 GHz
Stop Freq 2.432000000 GHz
CF Step 4.000000 MHz Auto Man
Freq Offset 0 Hz

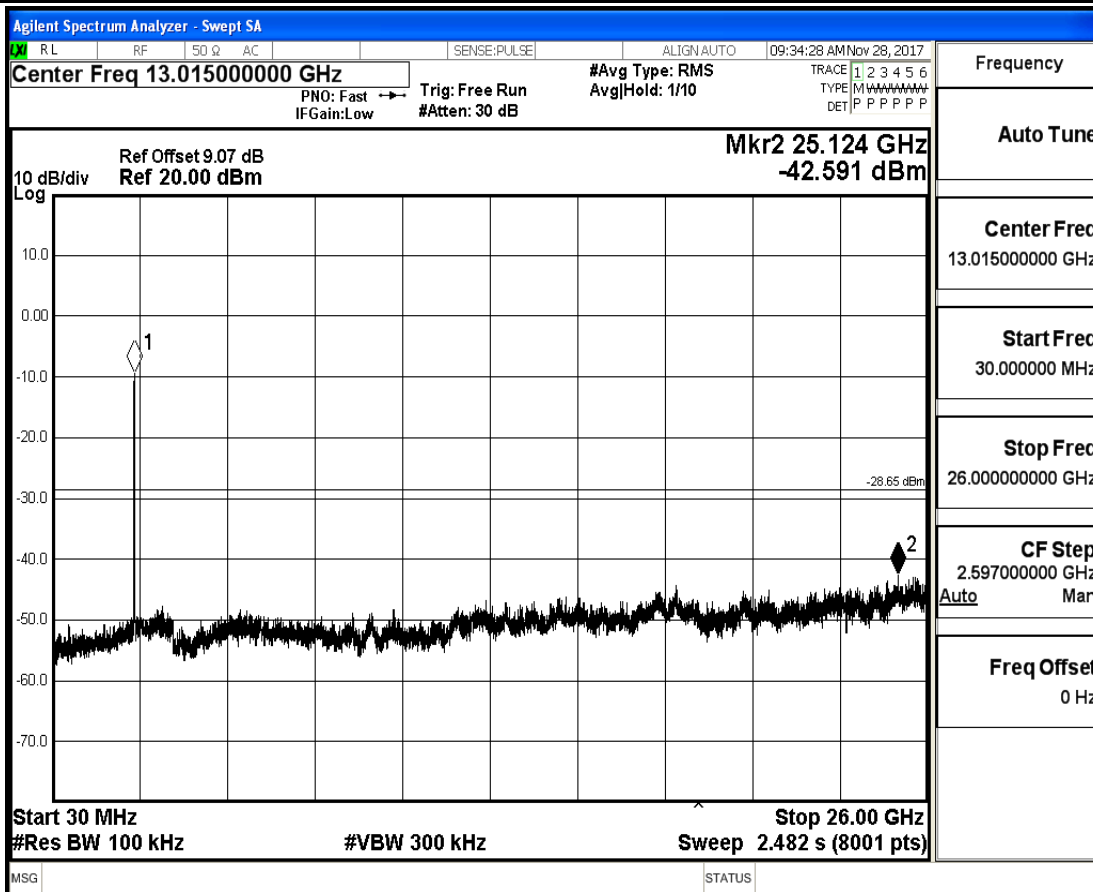
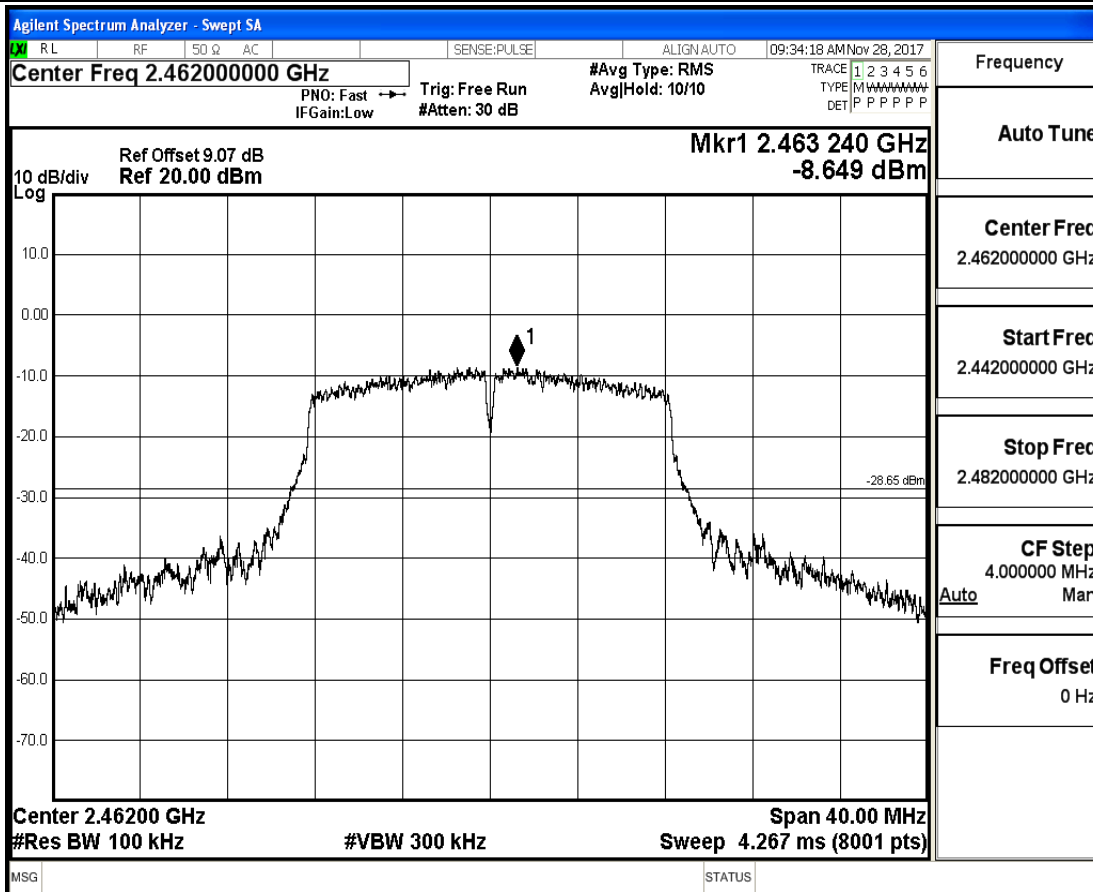


Frequency
Auto Tune
Center Freq 13.01500000 GHz
Start Freq 30.000000 MHz
Stop Freq 26.000000000 GHz
CF Step 2.597000000 GHz Auto Man
Freq Offset 0 Hz

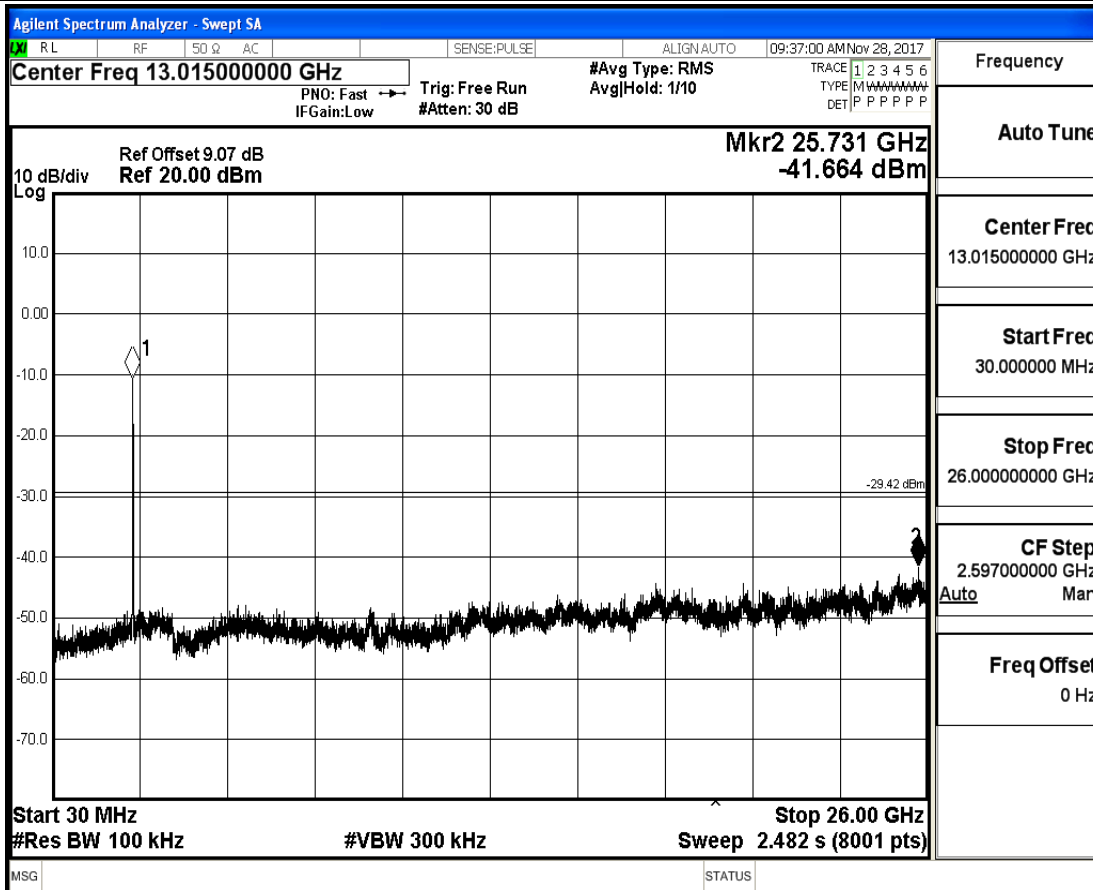
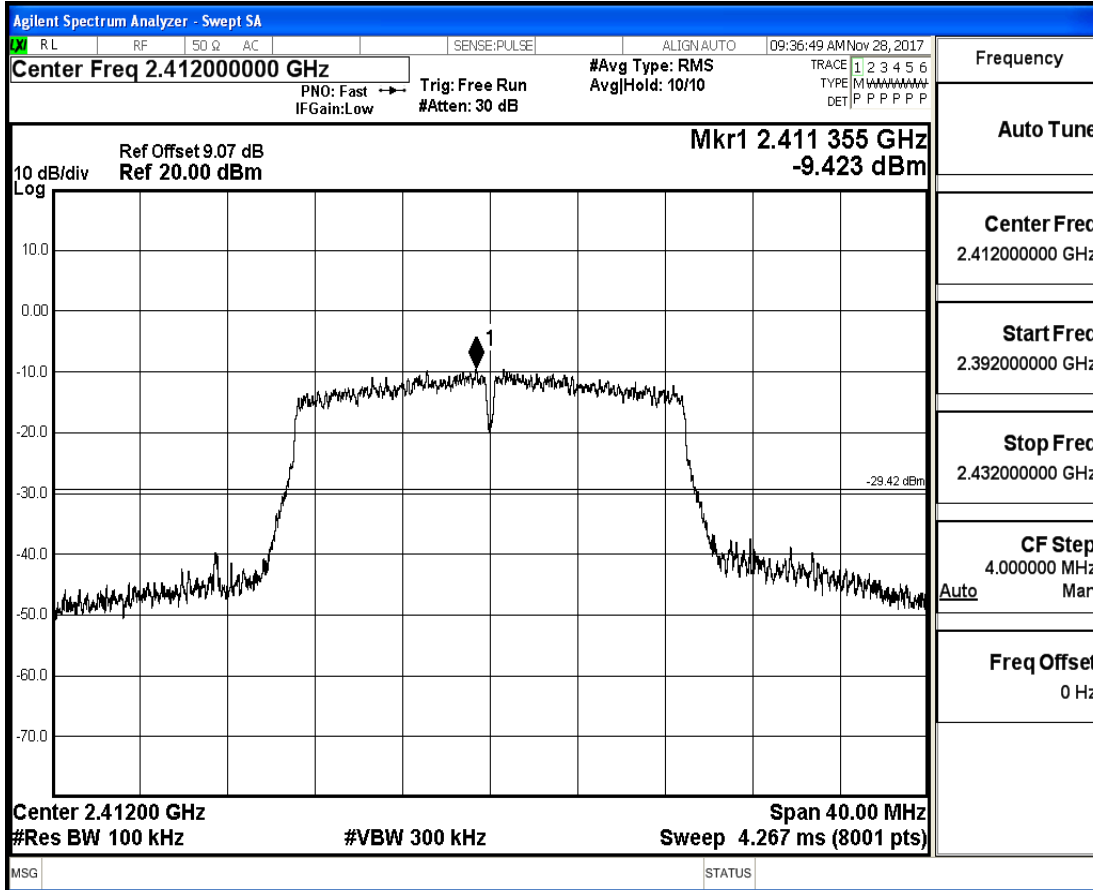
RF Conducted Spurious Emissions_11G_2437_Ant1



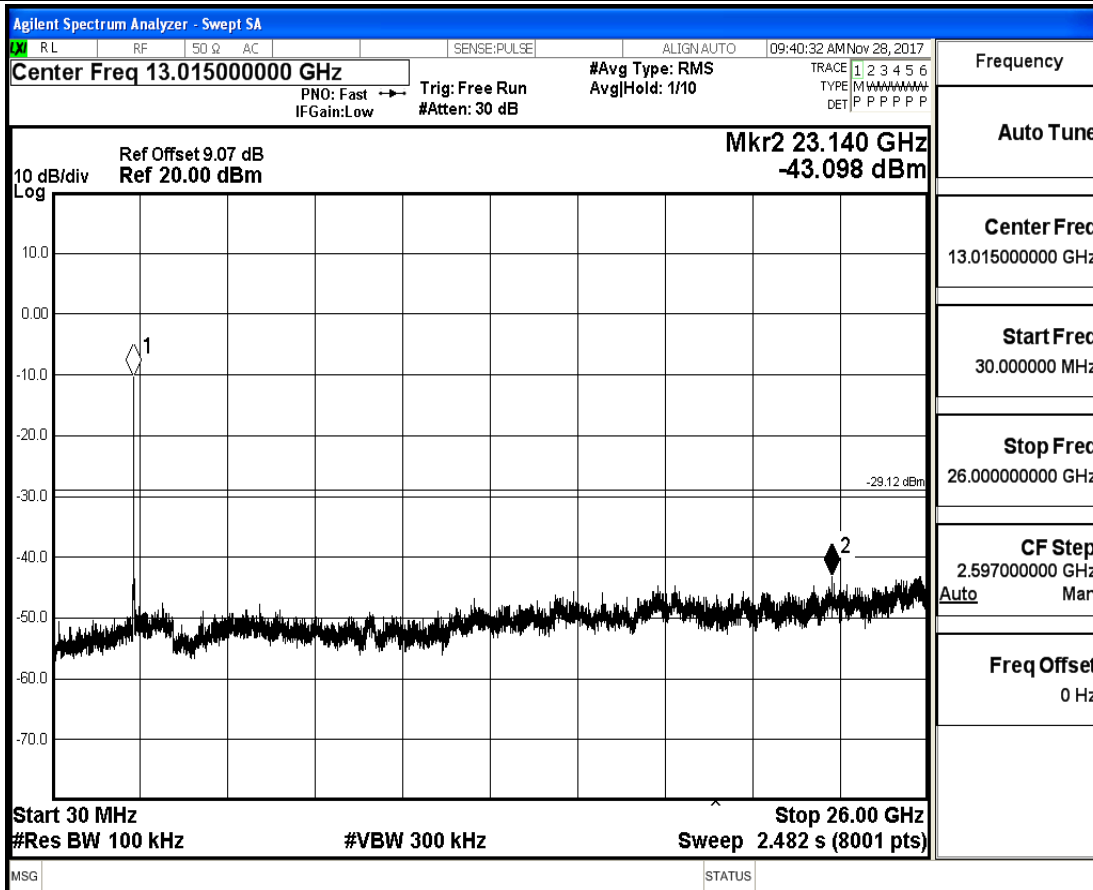
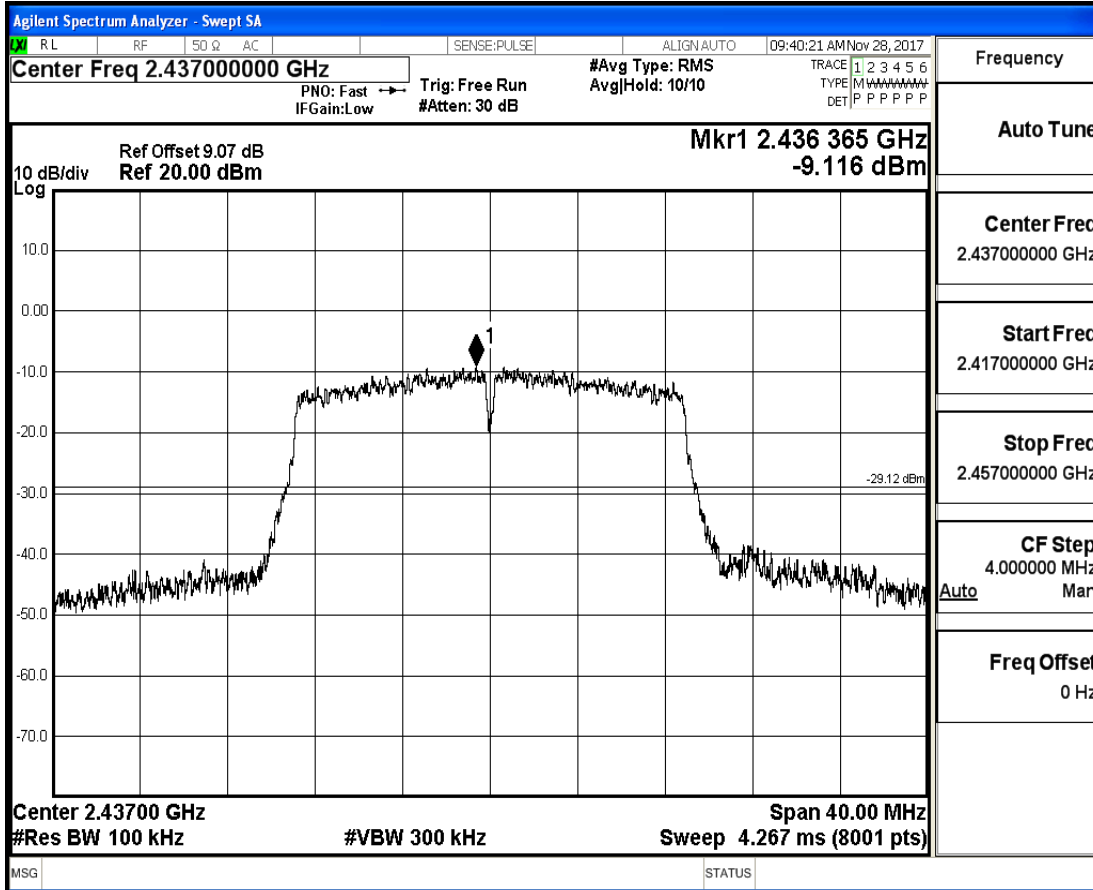
RF Conducted Spurious Emissions_11G_2462_Ant1



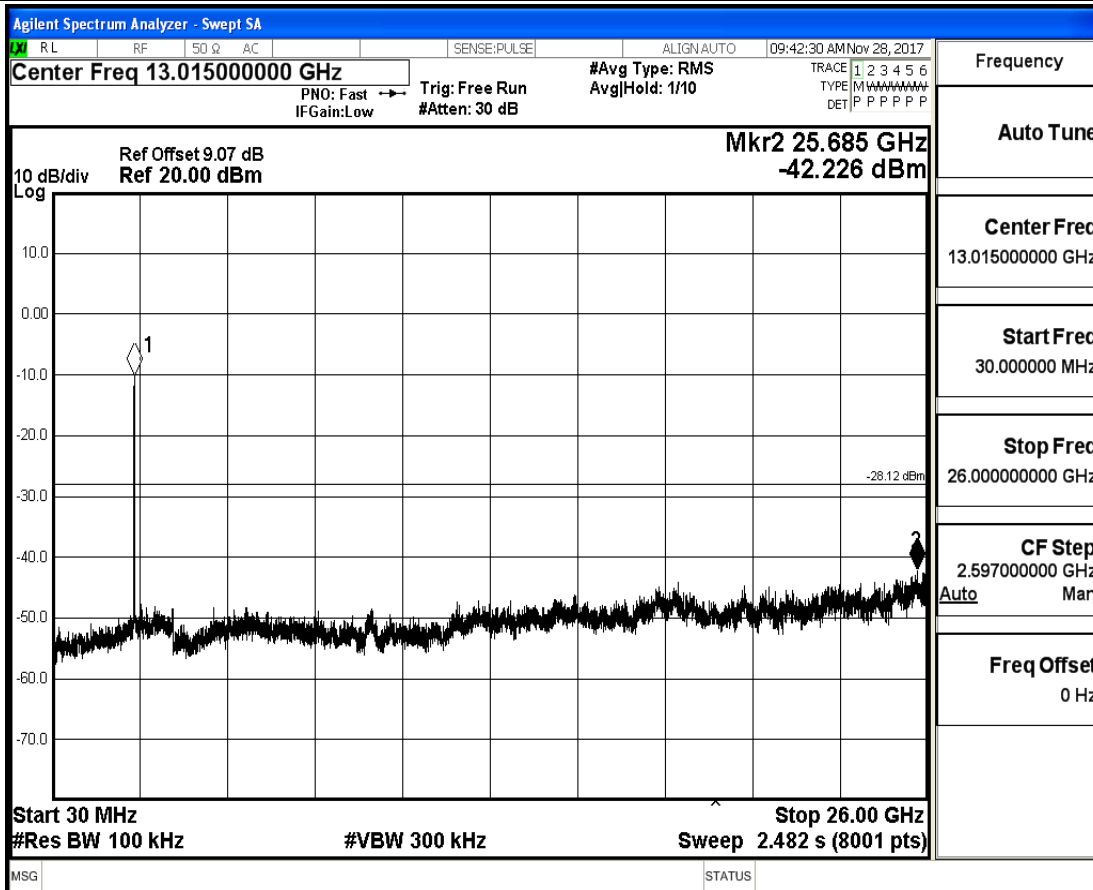
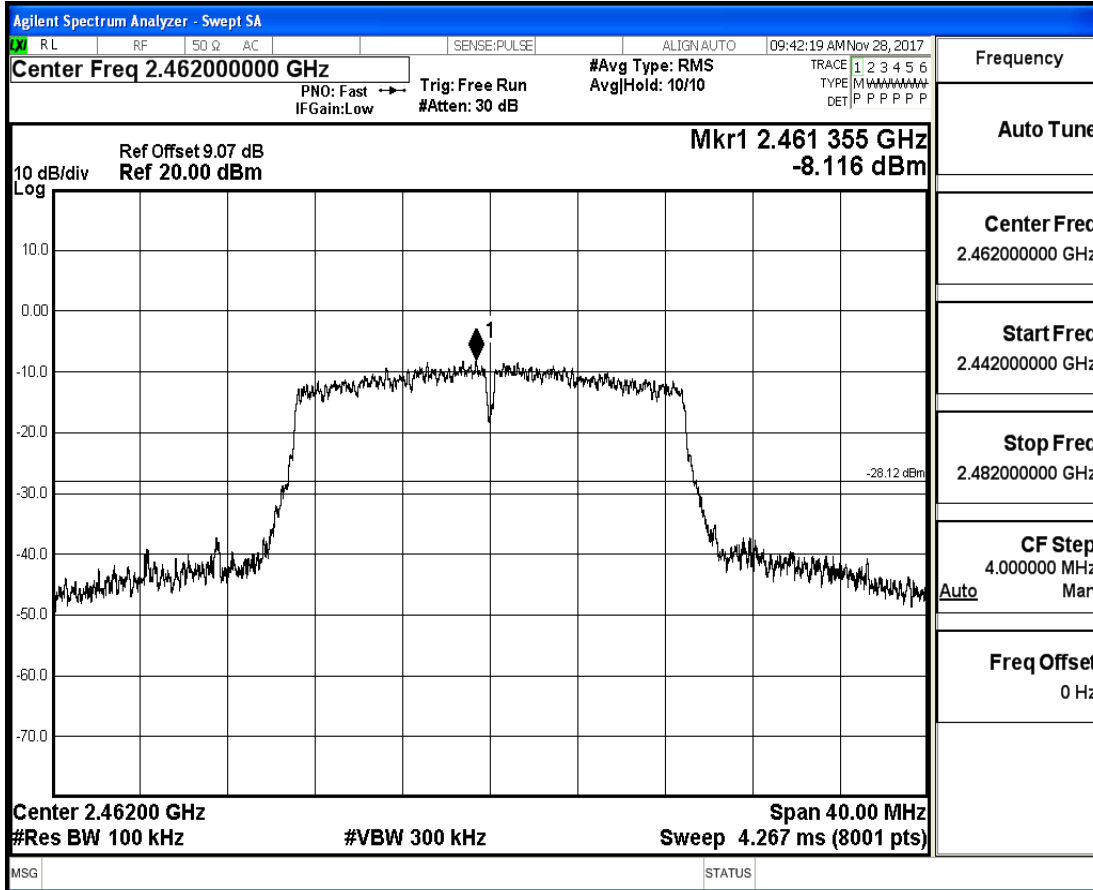
RF Conducted Spurious Emissions_11N20SISO_2412_Ant1



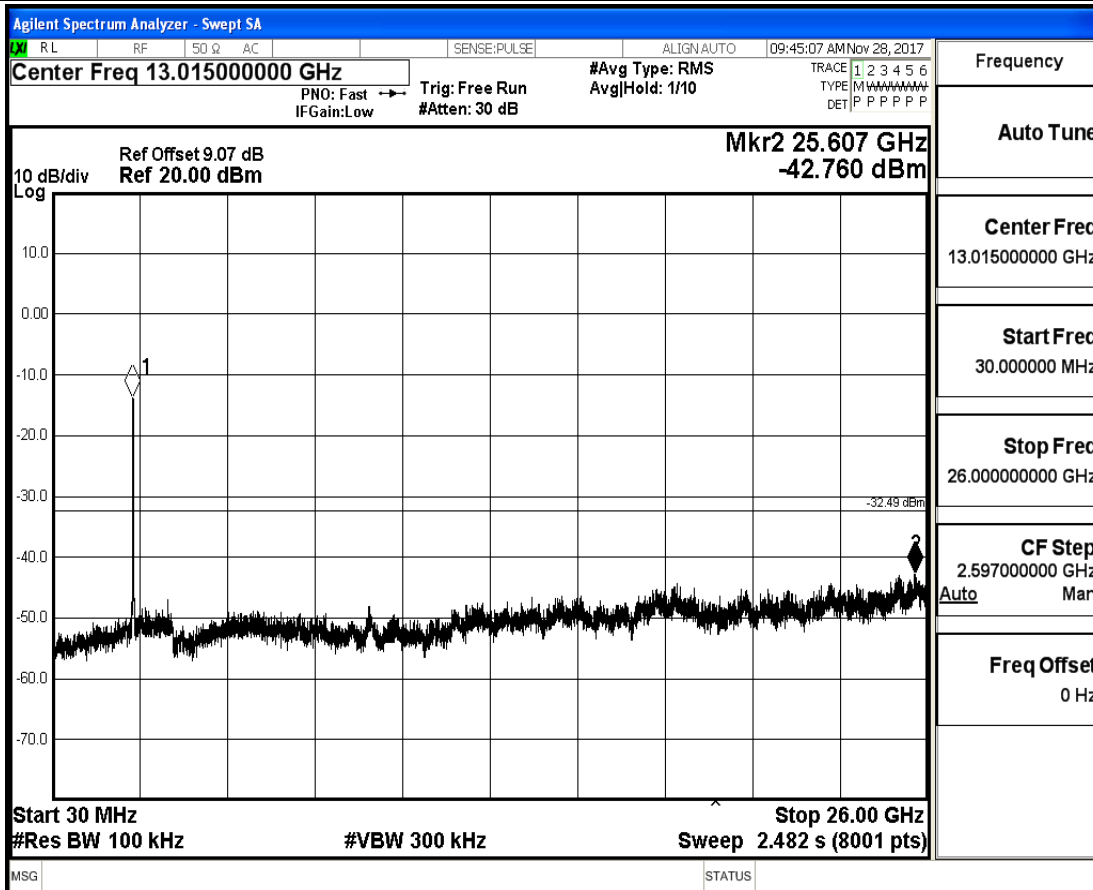
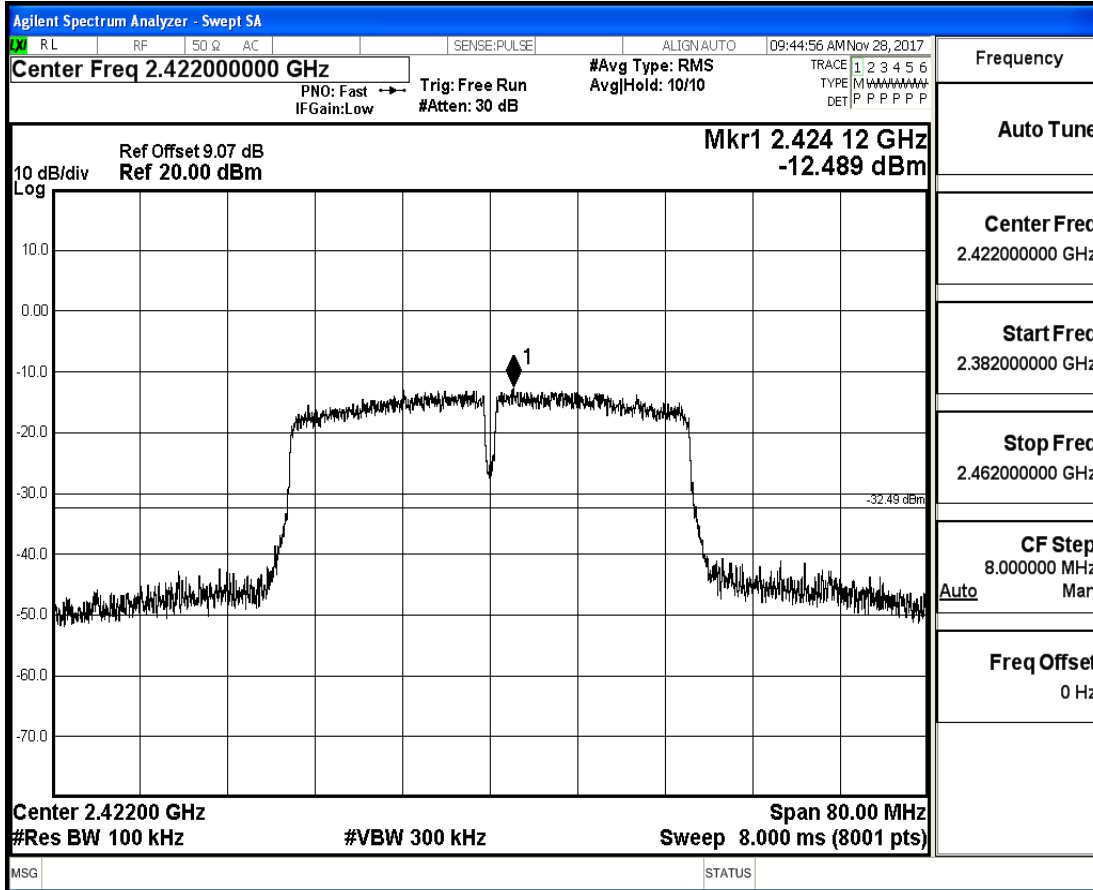
RF Conducted Spurious Emissions_11N20SISO_2437_Ant1



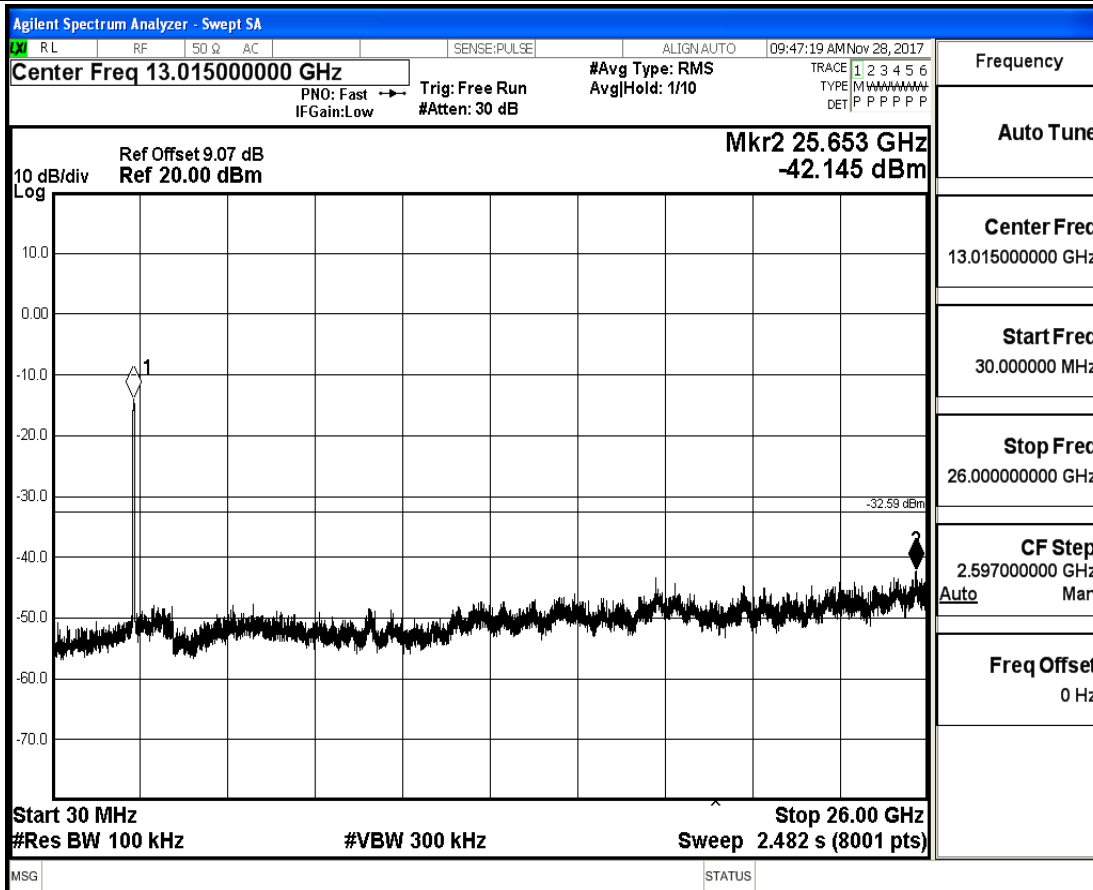
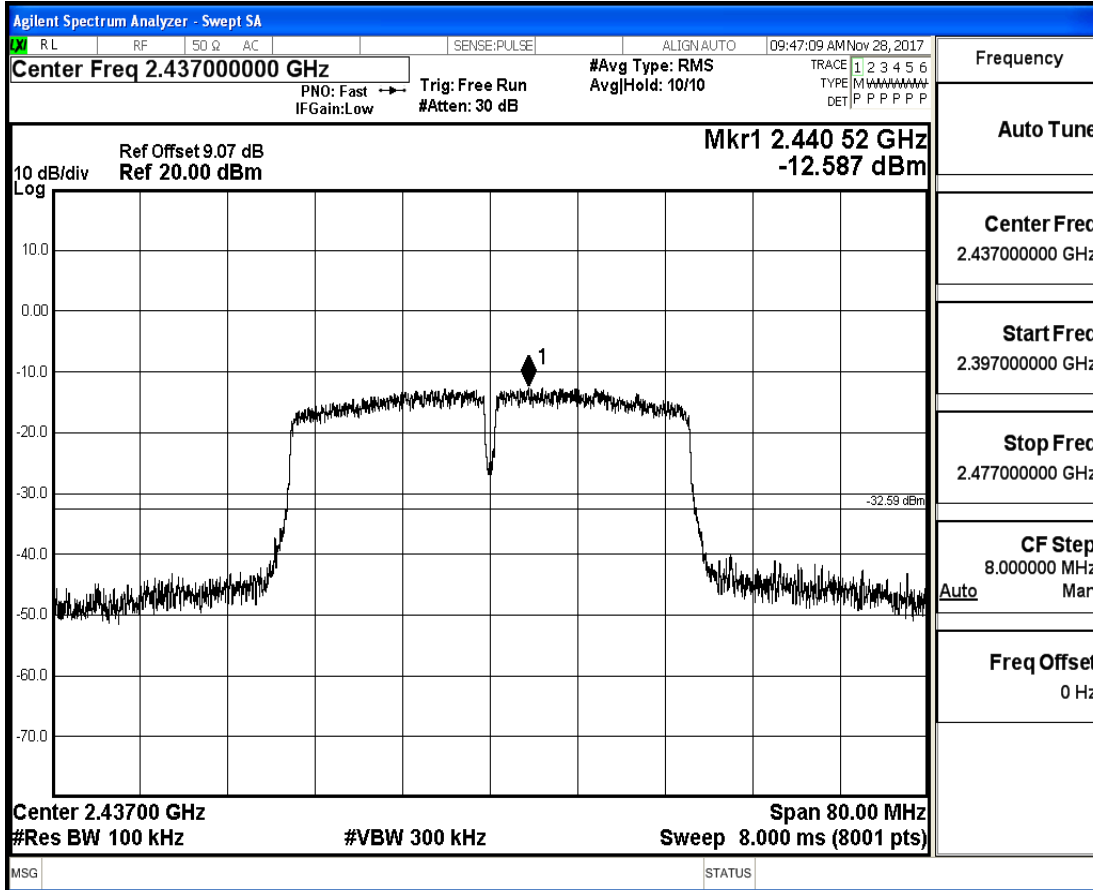
RF Conducted Spurious Emissions_11N20SISO_2462_Ant1



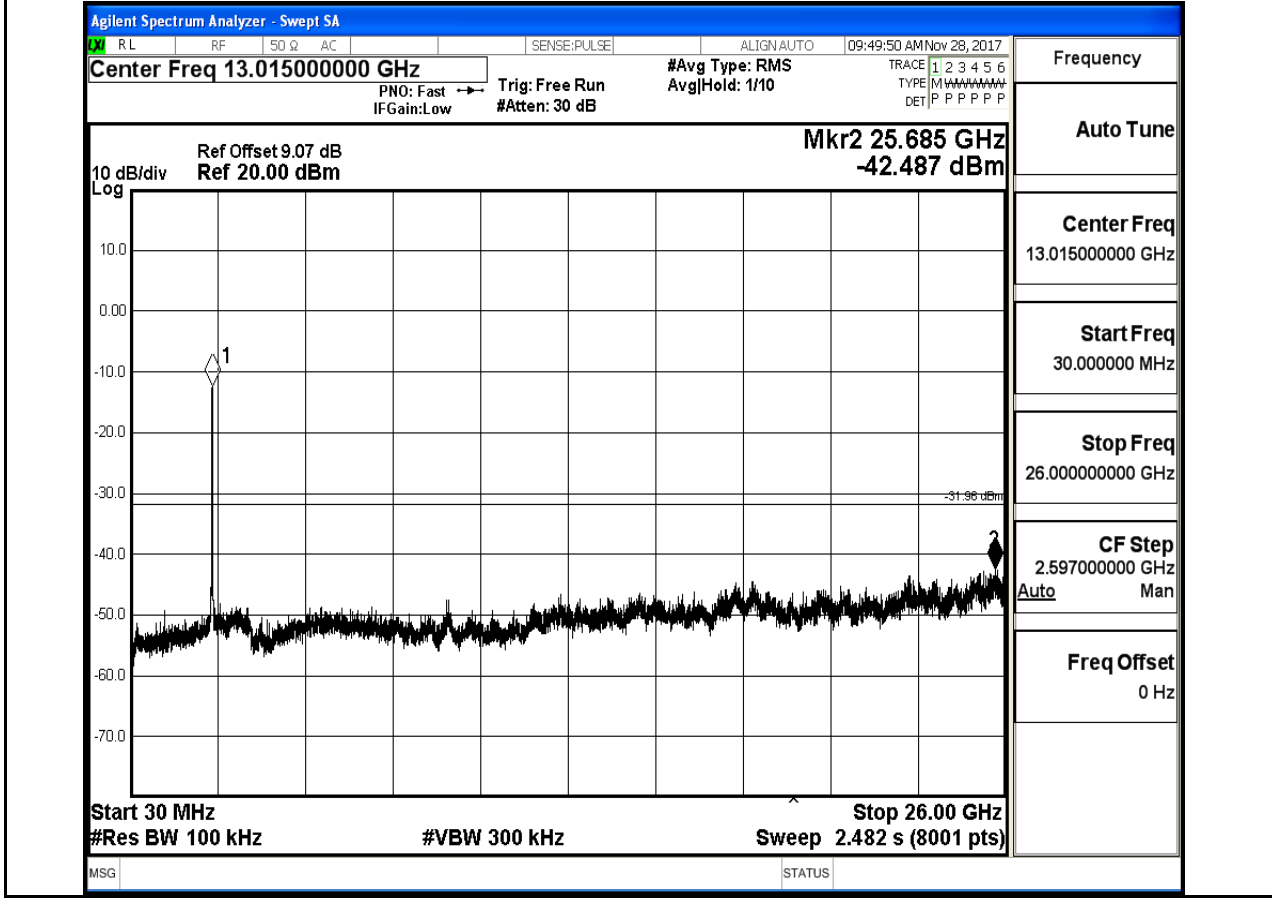
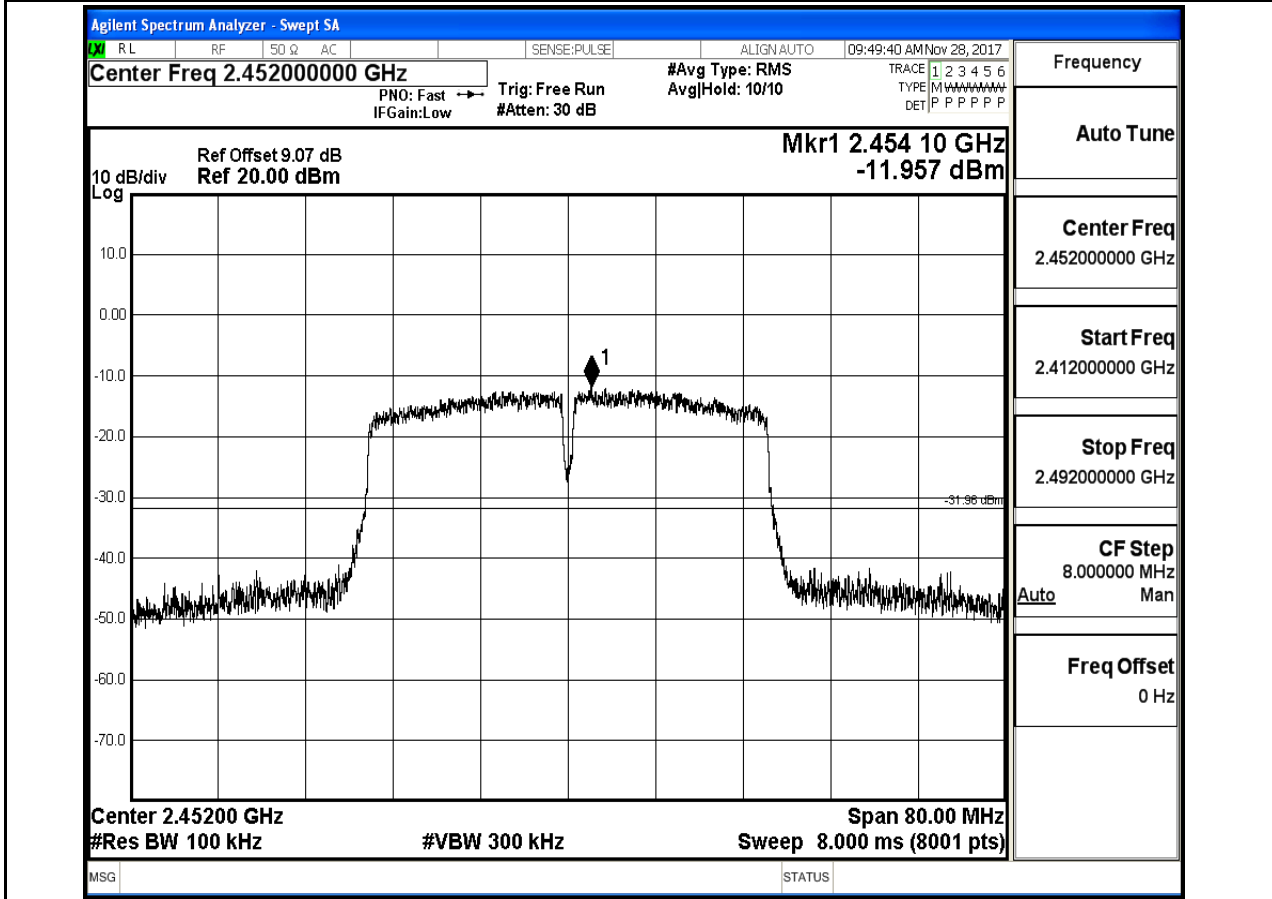
RF Conducted Spurious Emissions_11N40SISO_2422_Ant1



RF Conducted Spurious Emissions_11N40SISO_2437_Ant1



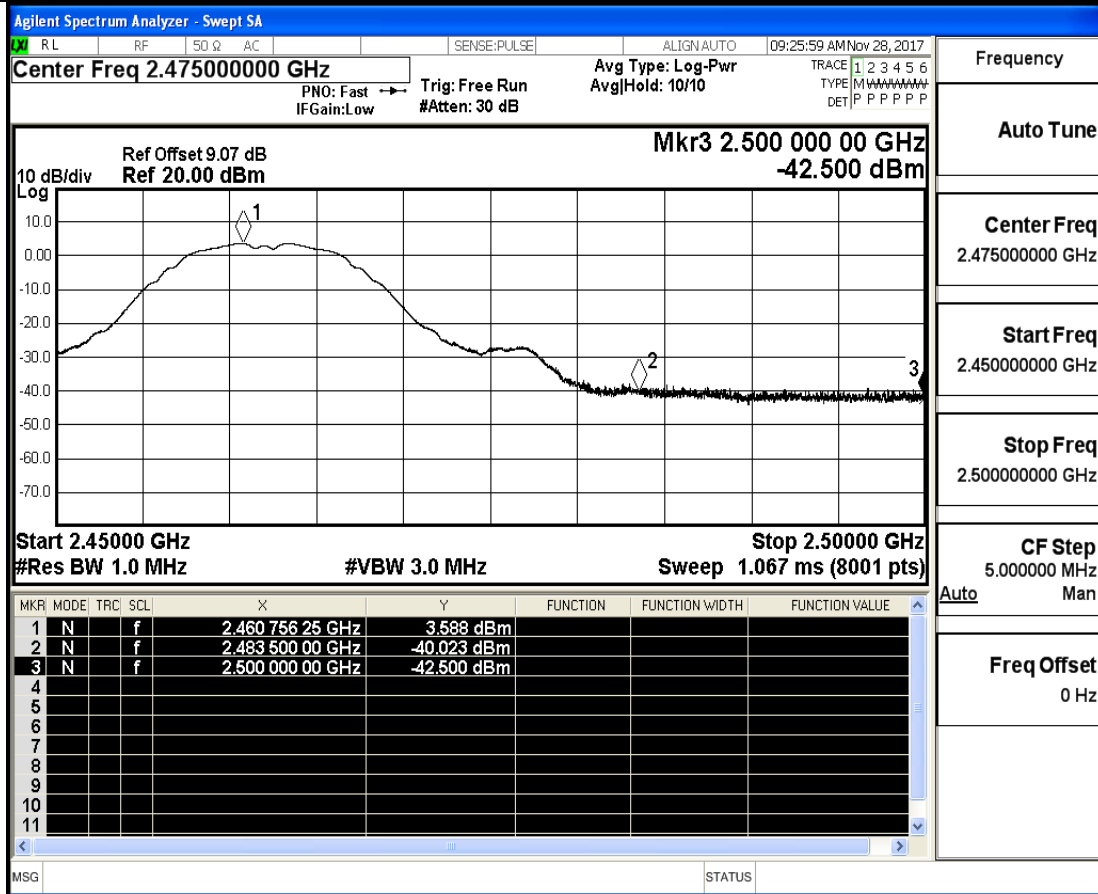
RF Conducted Spurious Emissions_11N40SISO_2452_Ant1



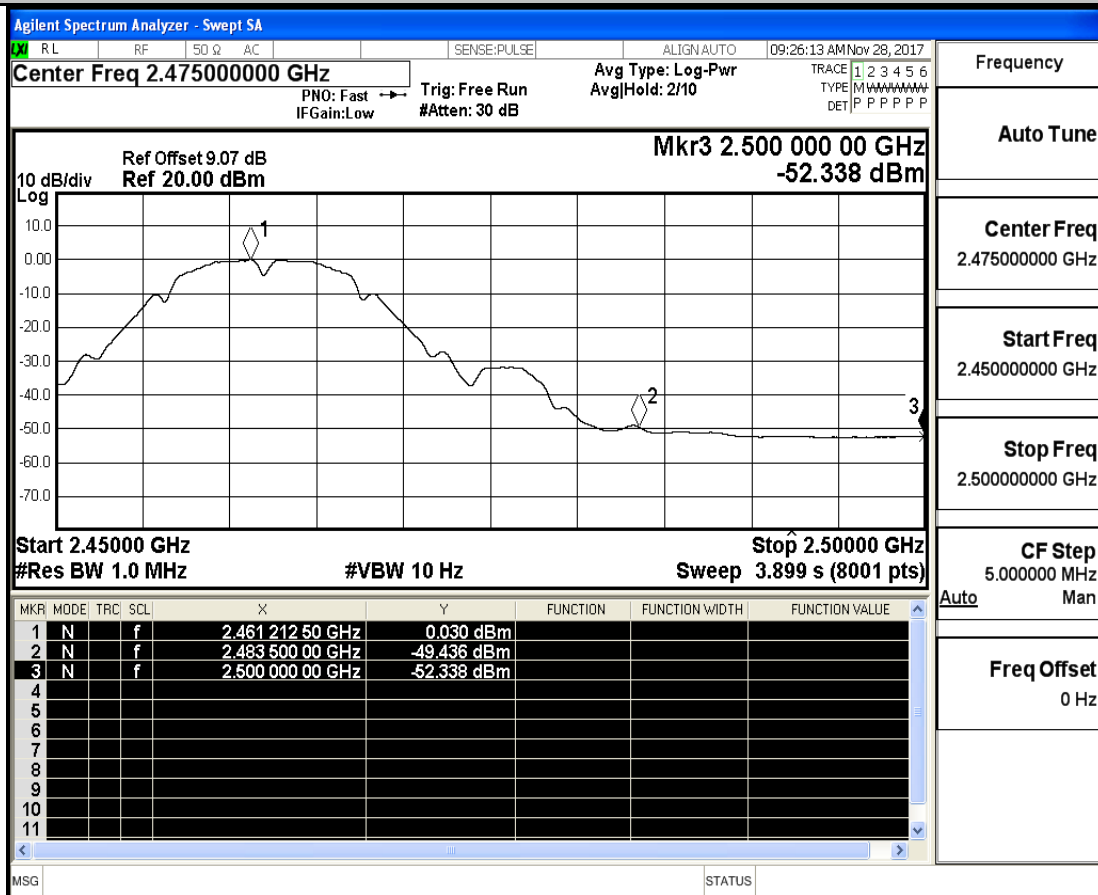
C.6 Restrict-band band-edge measurements

Test Mode	Test Channel	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
11B	2412	Ant1	2310.0	-41.96	2.0	0	55.30	PEAK	74	PASS
11B	2412	Ant1	2310.0	-53.03	2.0	0	44.23	AV	54	PASS
11B	2412	Ant1	2390.0	-40.99	2.0	0	56.27	PEAK	74	PASS
11B	2412	Ant1	2390.0	-52.10	2.0	0	45.16	AV	54	PASS
11B	2462	Ant1	2483.5	-40.02	2.0	0	57.24	PEAK	74	PASS
11B	2462	Ant1	2483.5	-49.44	2.0	0	47.82	AV	54	PASS
11B	2462	Ant1	2500.0	-42.50	2.0	0	54.76	PEAK	74	PASS
11B	2462	Ant1	2500.0	-52.34	2.0	0	44.92	AV	54	PASS
11G	2412	Ant1	2310.0	-42.82	2.0	0	54.44	PEAK	74	PASS
11G	2412	Ant1	2310.0	-53.03	2.0	0	44.23	AV	54	PASS
11G	2412	Ant1	2390.0	-39.03	2.0	0	58.23	PEAK	74	PASS
11G	2412	Ant1	2390.0	-50.44	2.0	0	46.82	AV	54	PASS
11G	2462	Ant1	2483.5	-36.72	2.0	0	60.54	PEAK	74	PASS
11G	2462	Ant1	2483.5	-49.95	2.0	0	47.31	AV	54	PASS
11G	2462	Ant1	2500.0	-41.67	2.0	0	55.59	PEAK	74	PASS
11G	2462	Ant1	2500.0	-52.14	2.0	0	45.12	AV	54	PASS
11N20SISO	2412	Ant1	2310.0	-41.50	2.0	0	55.76	PEAK	74	PASS
11N20SISO	2412	Ant1	2310.0	-53.00	2.0	0	44.26	AV	54	PASS
11N20SISO	2412	Ant1	2390.0	-38.69	2.0	0	58.57	PEAK	74	PASS
11N20SISO	2412	Ant1	2390.0	-50.59	2.0	0	46.67	AV	54	PASS
11N20SISO	2462	Ant1	2483.5	-33.30	2.0	0	63.96	PEAK	74	PASS
11N20SISO	2462	Ant1	2483.5	-48.82	2.0	0	48.44	AV	54	PASS
11N20SISO	2462	Ant1	2500.0	-40.94	2.0	0	56.32	PEAK	74	PASS
11N20SISO	2462	Ant1	2500.0	-52.10	2.0	0	45.16	AV	54	PASS
11N40SISO	2422	Ant1	2310.0	-42.76	2.0	0	54.50	PEAK	74	PASS
11N40SISO	2422	Ant1	2310.0	-53.04	2.0	0	44.22	AV	54	PASS
11N40SISO	2422	Ant1	2390.0	-37.40	2.0	0	59.86	PEAK	74	PASS
11N40SISO	2422	Ant1	2390.0	-48.45	2.0	0	48.81	AV	54	PASS
11N40SISO	2452	Ant1	2483.5	-34.09	2.0	0	63.17	PEAK	74	PASS
11N40SISO	2452	Ant1	2483.5	-47.56	2.0	0	49.70	AV	54	PASS
11N40SISO	2452	Ant1	2500.0	-38.27	2.0	0	58.99	PEAK	74	PASS
11N40SISO	2452	Ant1	2500.0	-50.71	2.0	0	46.55	AV	54	PASS

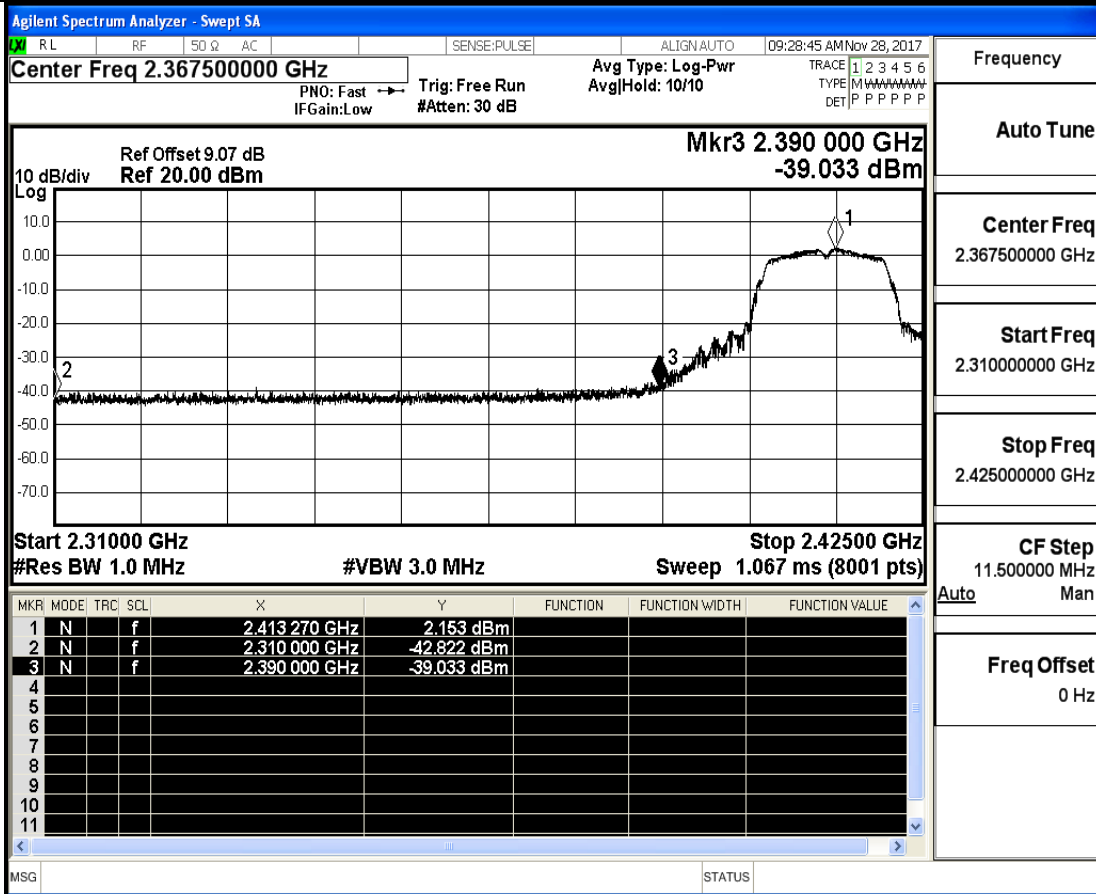
Restrict-band band-edge measurements_11B_2462_Ant1_PEAK



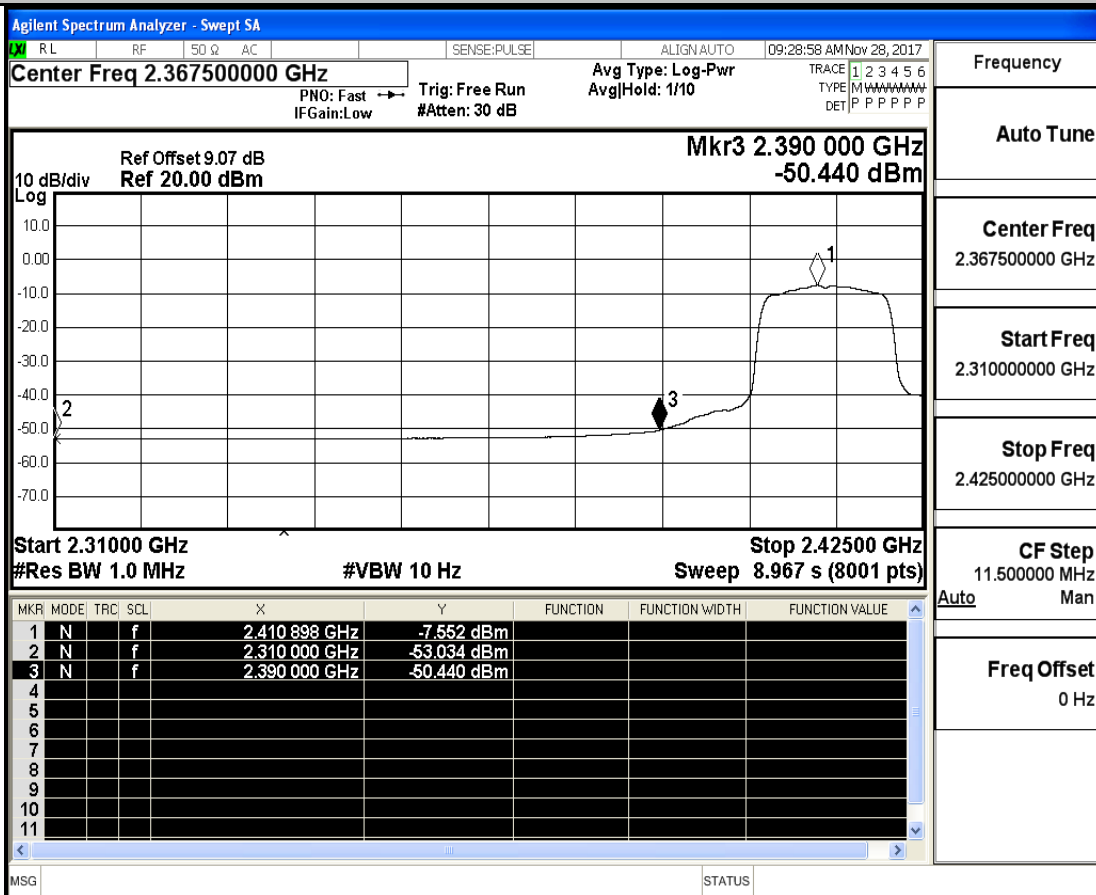
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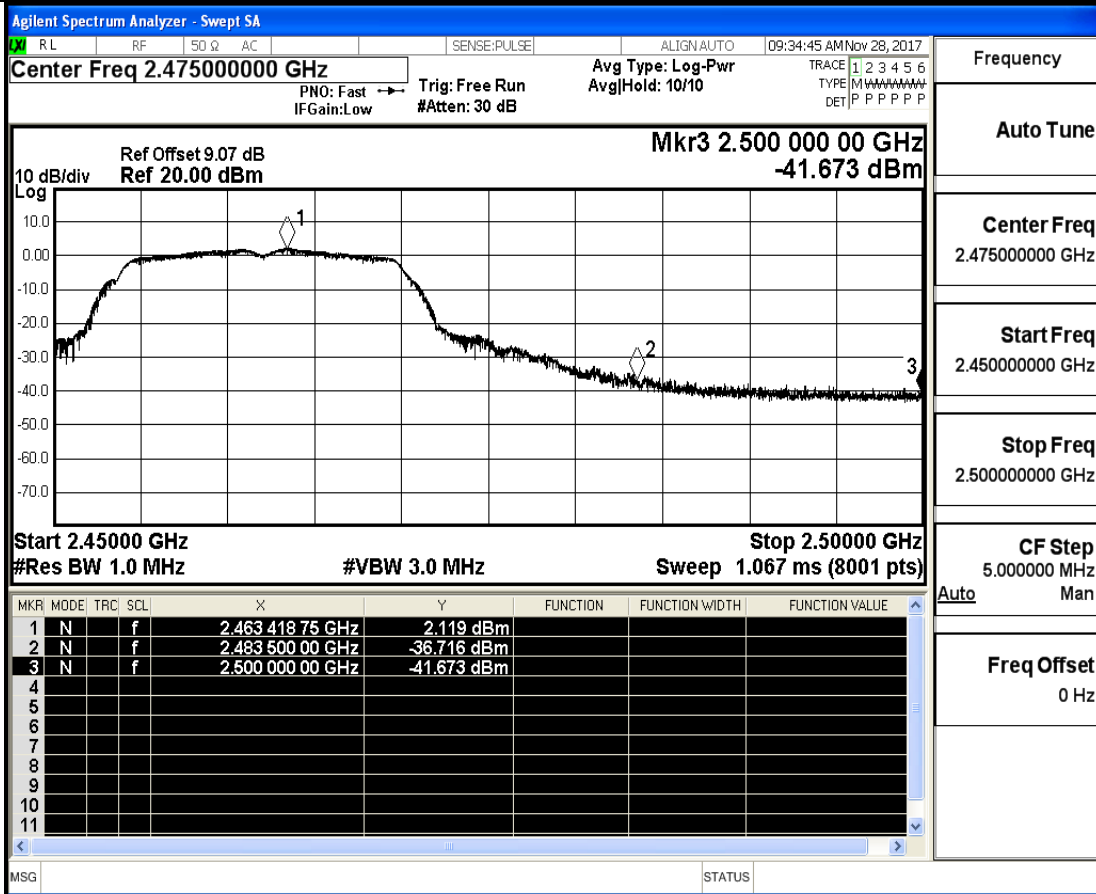
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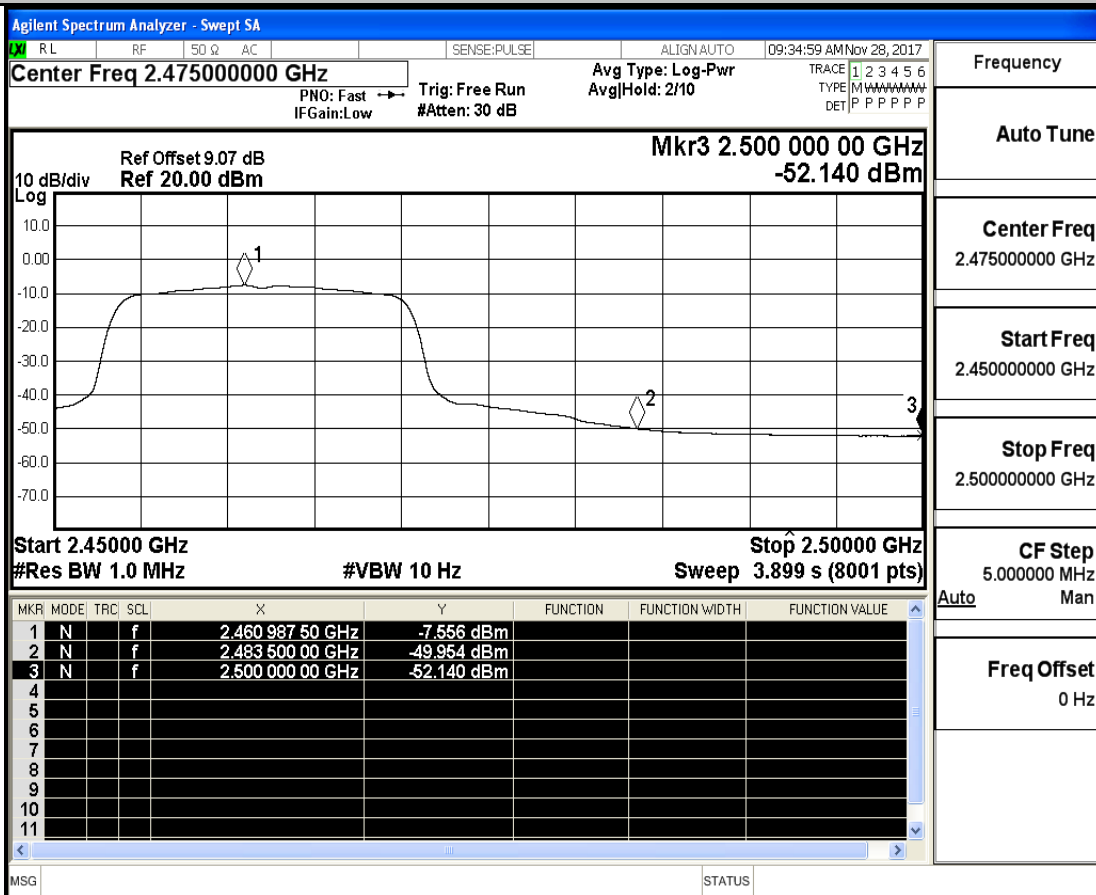
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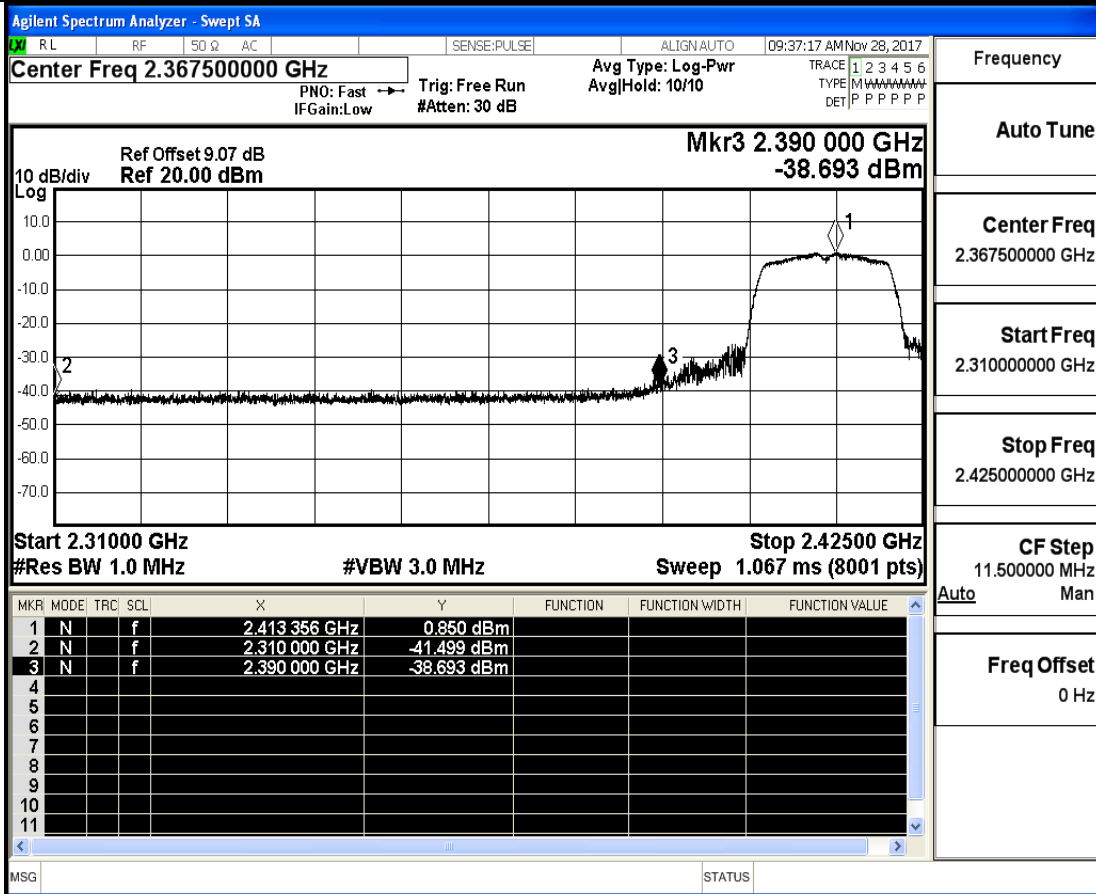
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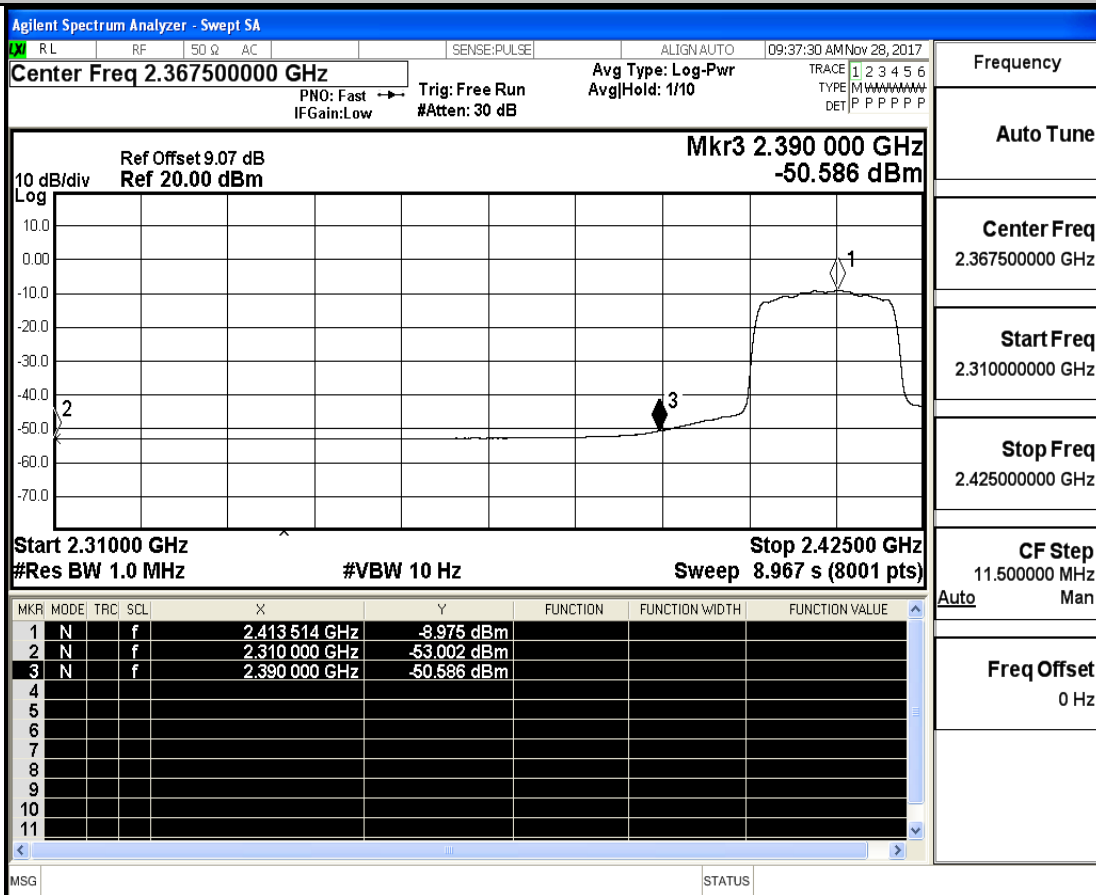
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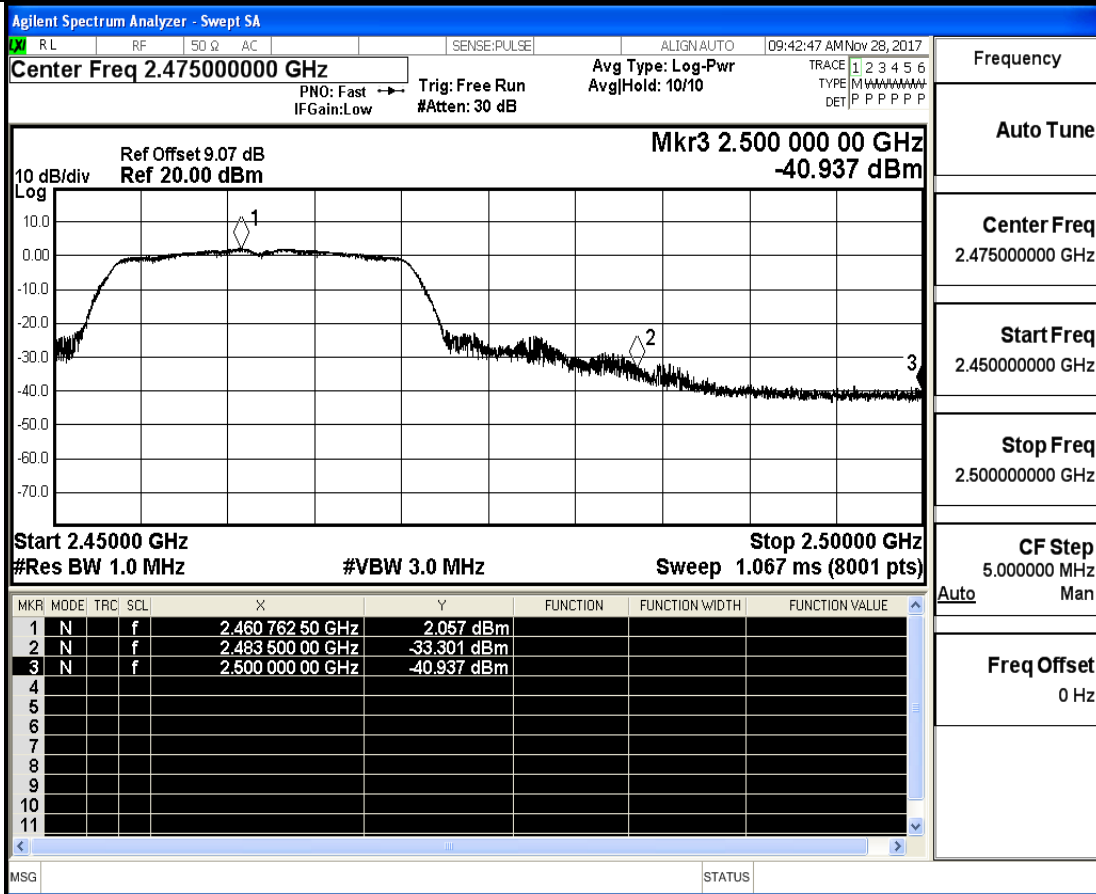
Restrict-band band-edge measurements_11N20SISO_2412_Ant1_PEAK



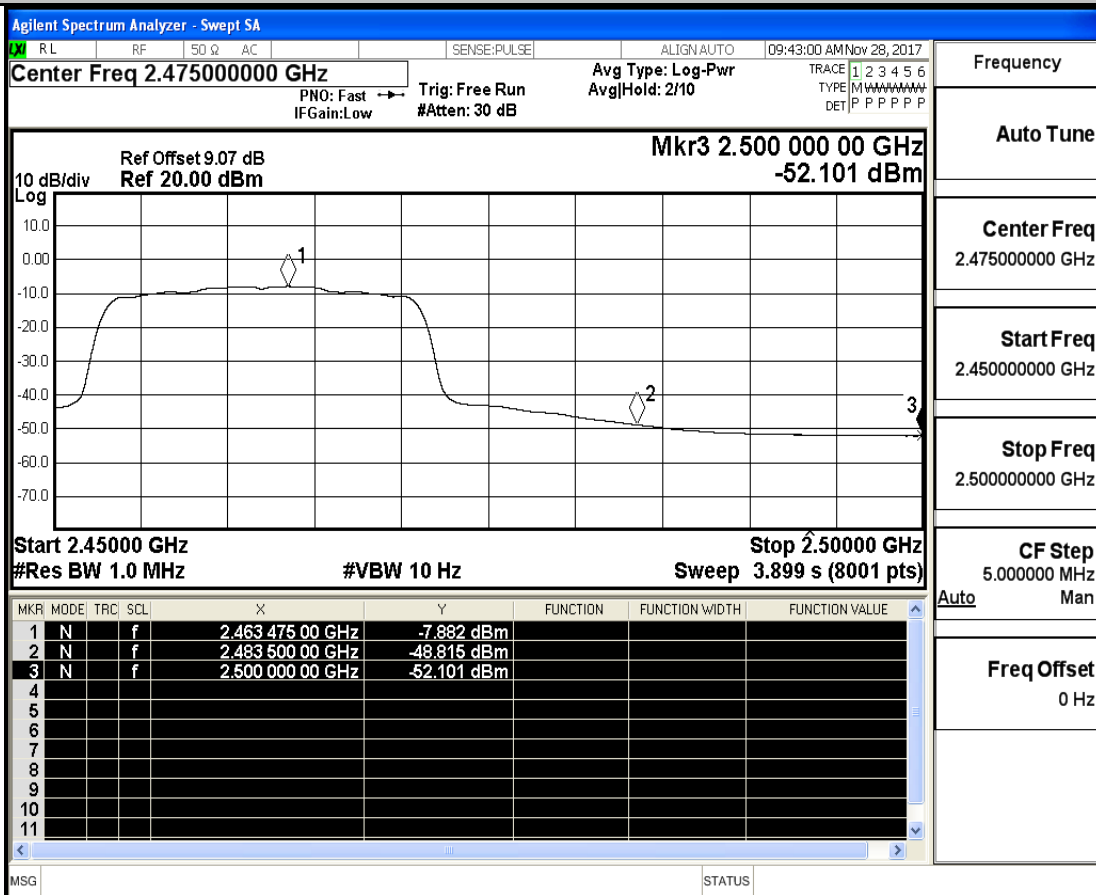
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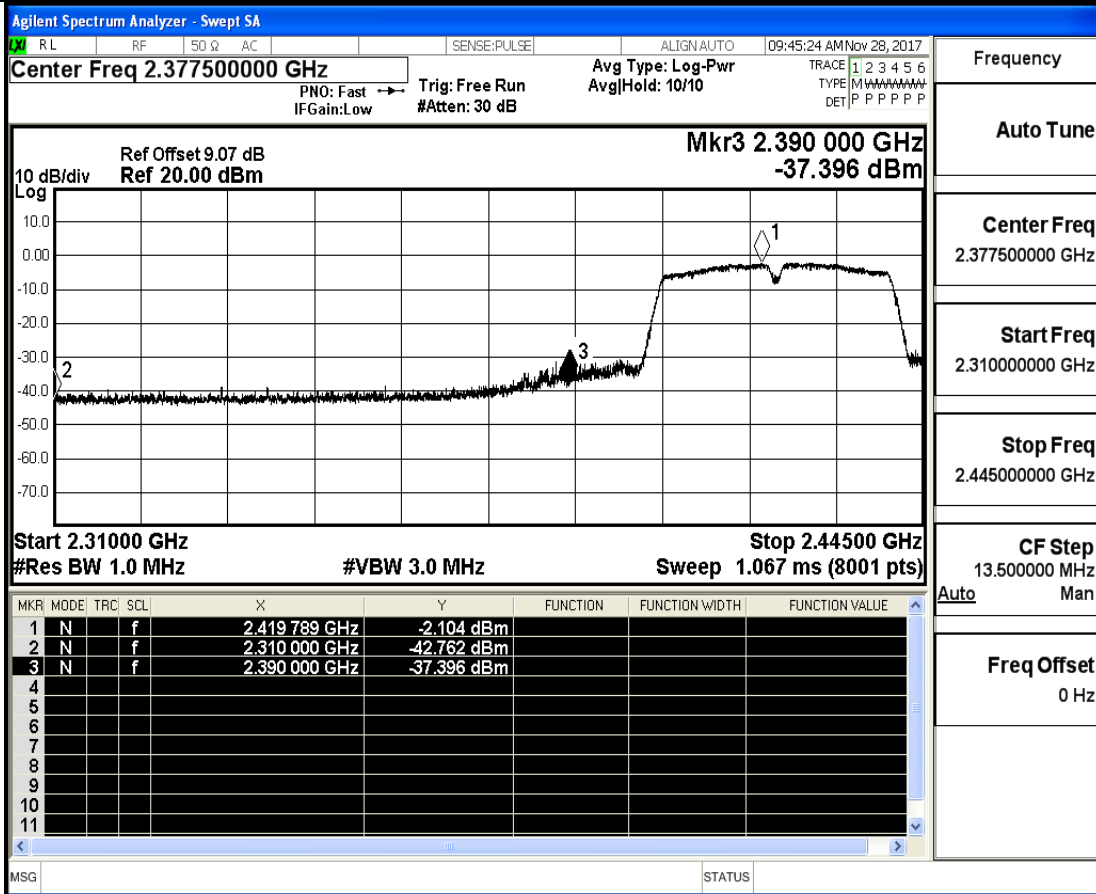
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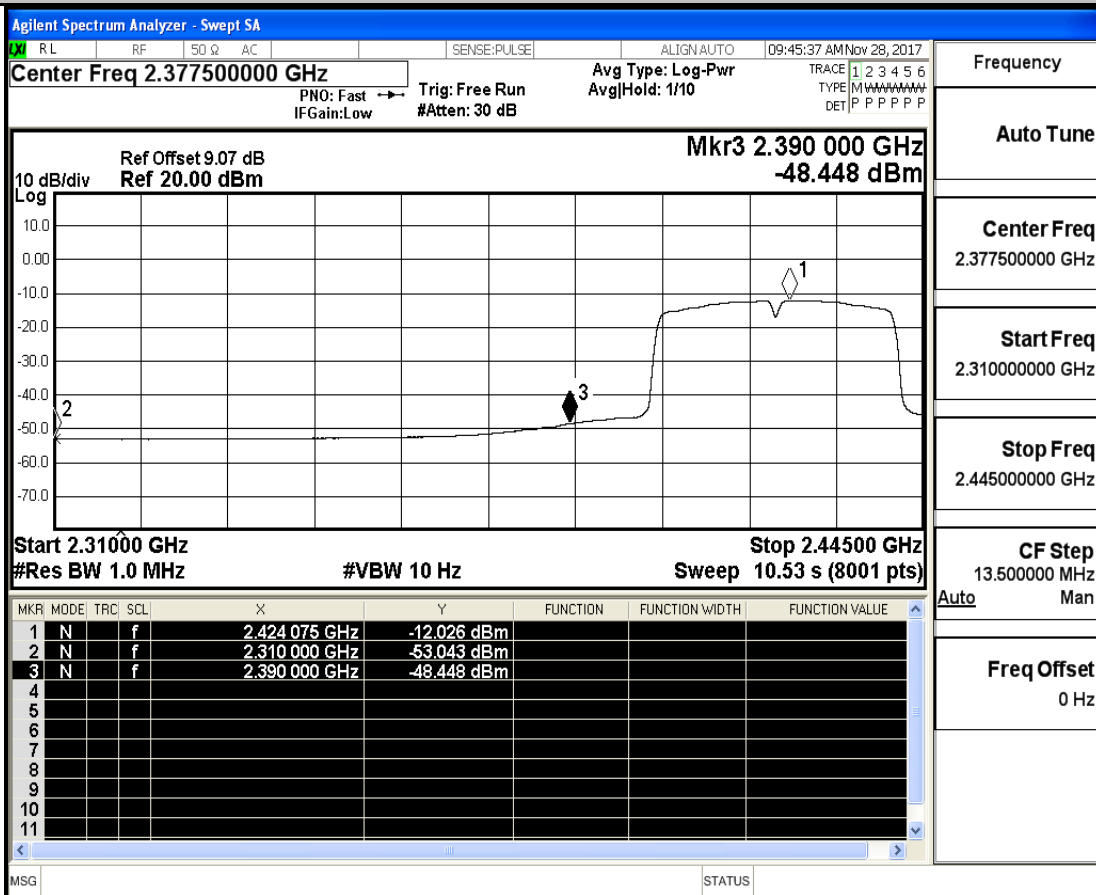
Restrict-band band-edge measurements_11N20SISO_2462_Ant1_AV



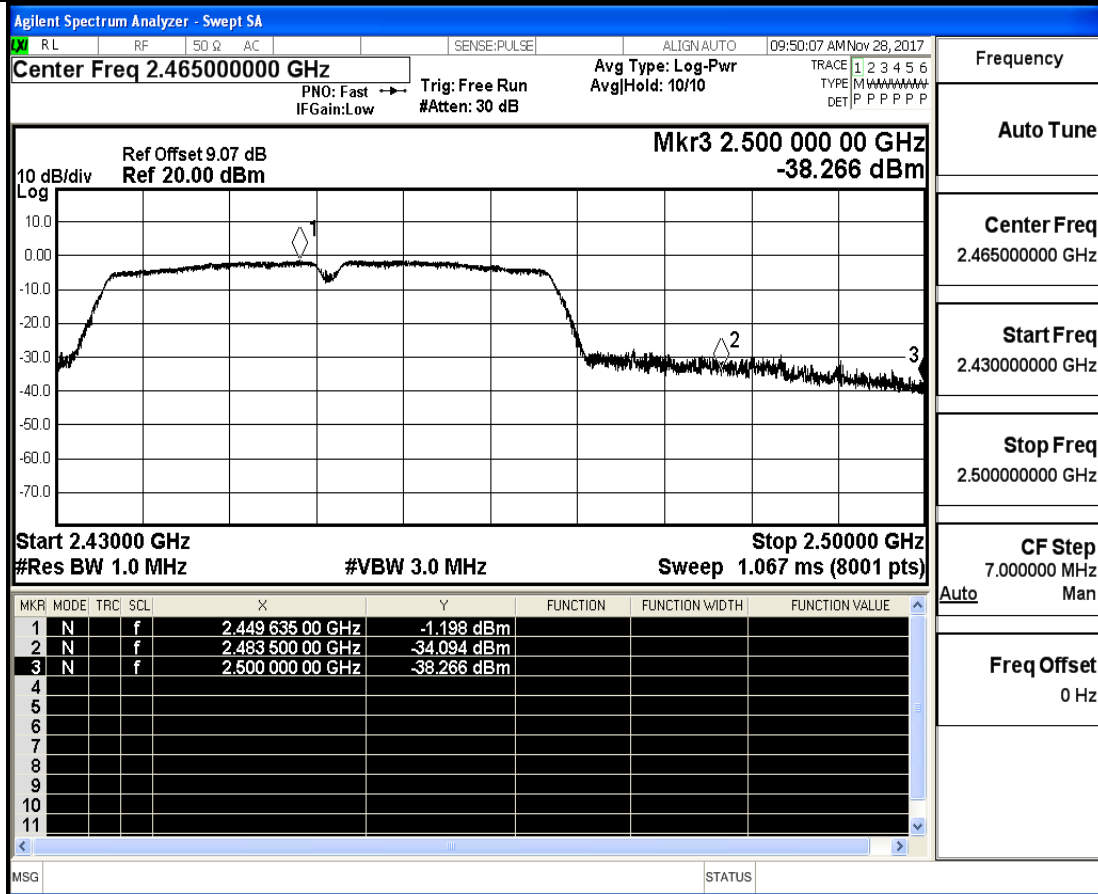
Restrict-band band-edge measurements_11N40SISO_2422_Ant1_PEAK



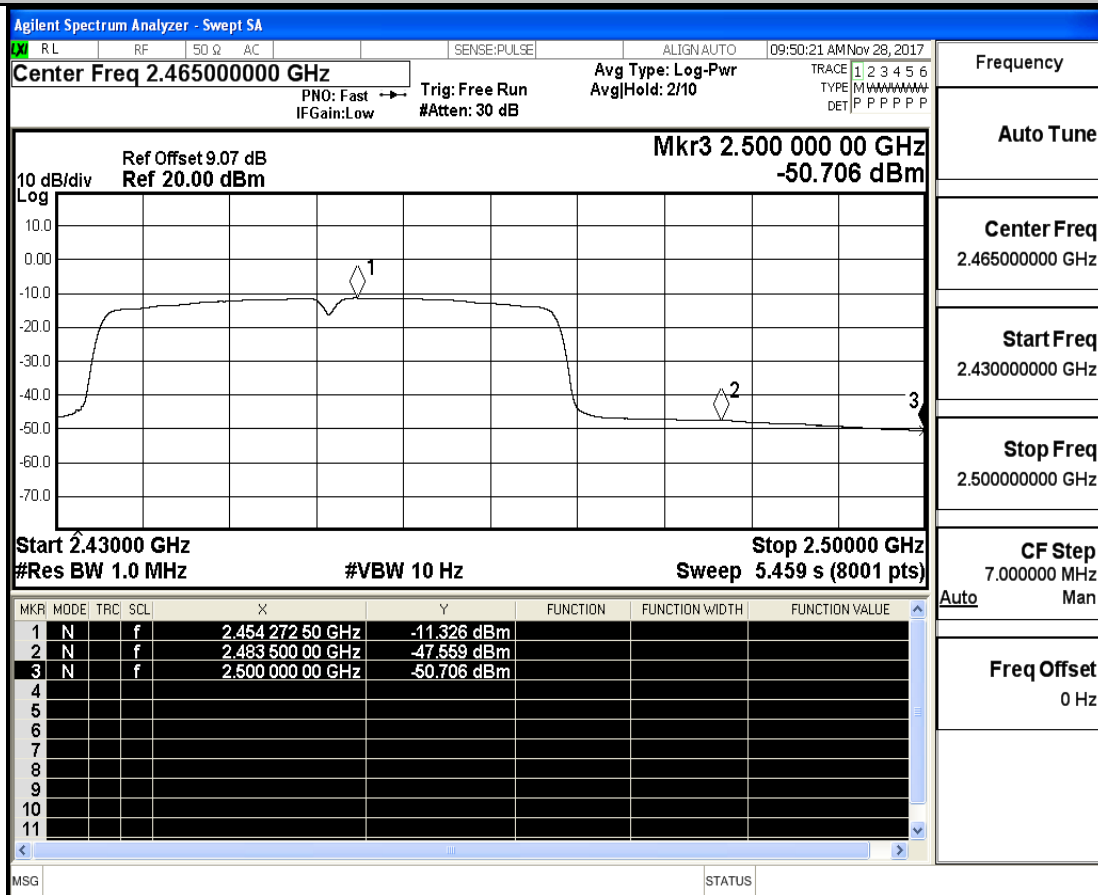
Restrict-band band-edge measurements_11N40SISO_2422_Ant1_AV



Restrict-band band-edge measurements_11N40SISO_2452_Ant1_PEAK



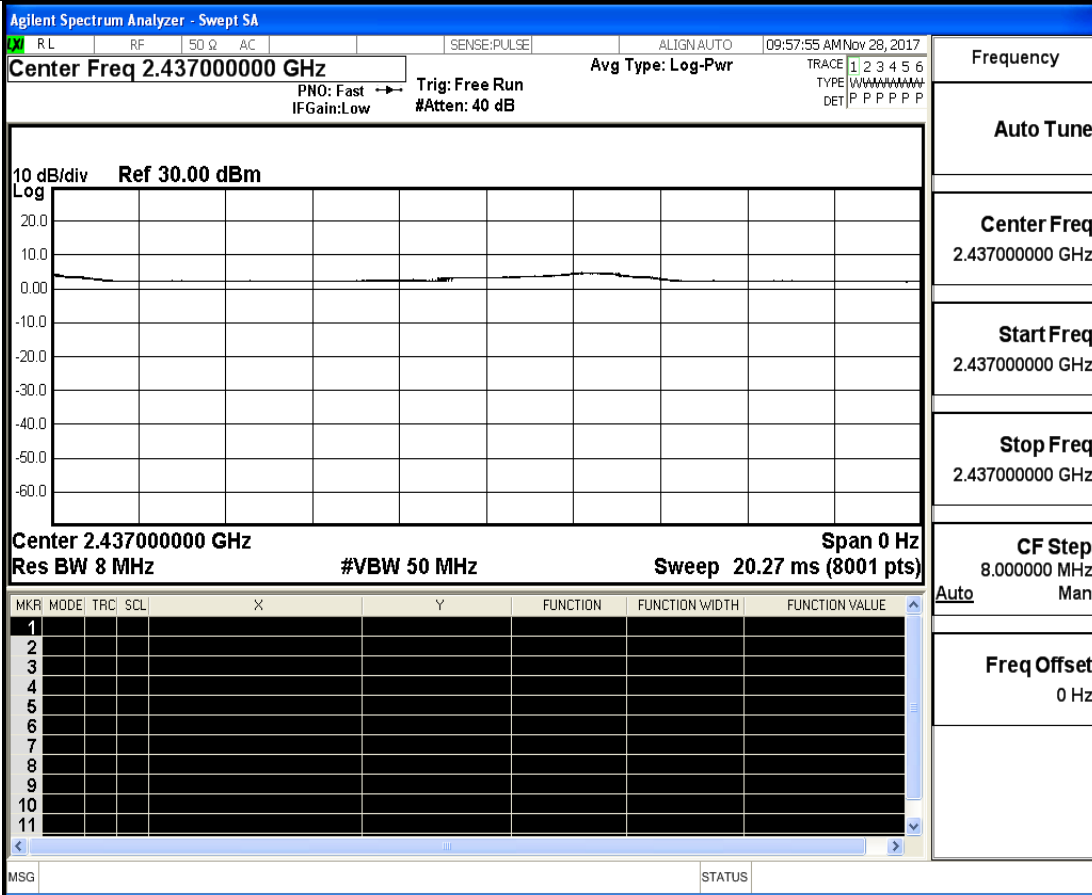
Restrict-band band-edge measurements_11N40SISO_2452_Ant1_AV



C.7 Duty Cycle

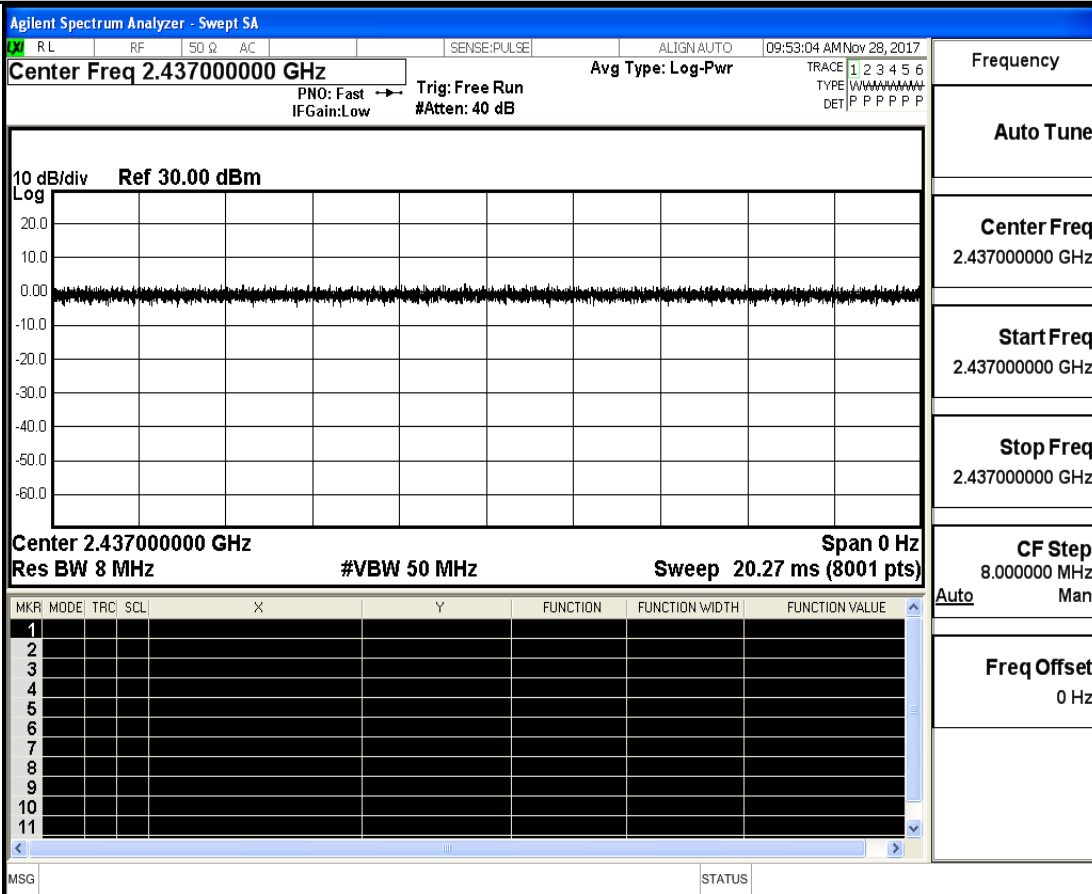
Test Mode	Test Channel	Ant	Duty Cycle[%]	Verdict
11B	2437	Ant1	100	PASS
11G	2437	Ant1	100	PASS
11N20SISO	2437	Ant1	100	PASS
11N40SISO	2437	Ant1	100	PASS

Duty Cycle_11B_2437_Ant1



Frequency
Auto Tune
Center Freq 2.437000000 GHz
Start Freq 2.437000000 GHz
Stop Freq 2.437000000 GHz
CF Step 8.000000 MHz
Auto Man
Freq Offset 0 Hz

Duty Cycle_11G_2437_Ant1



Frequency
Auto Tune
Center Freq 2.437000000 GHz
Start Freq 2.437000000 GHz
Stop Freq 2.437000000 GHz
CF Step 8.000000 MHz
Auto Man
Freq Offset 0 Hz

