

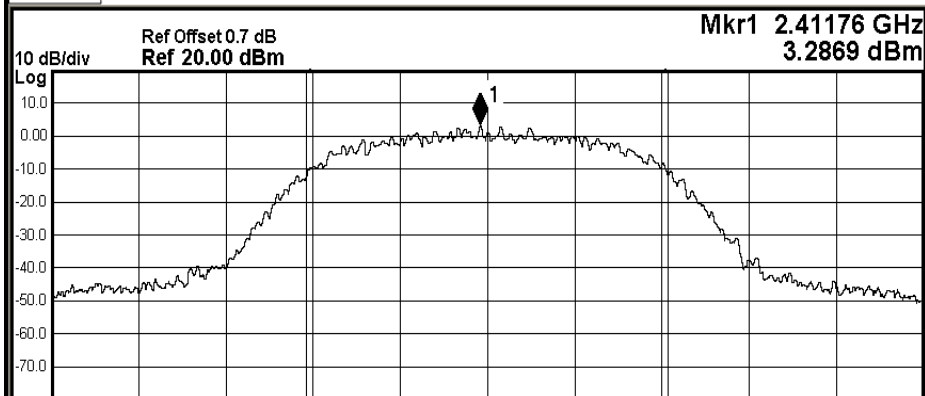
1.6dB Bandwidth

Test Mode	Test Channel	Ant	EBW[MHz]	Limit	Verdict
11B	2412	Ant1	8.906	0.5	PASS
11B	2437	Ant1	8.910	0.5	PASS
11B	2462	Ant1	8.906	0.5	PASS
11G	2412	Ant1	16.420	0.5	PASS
11G	2437	Ant1	16.420	0.5	PASS
11G	2462	Ant1	16.400	0.5	PASS
11N20SISO	2412	Ant1	17.610	0.5	PASS
11N20SISO	2437	Ant1	17.620	0.5	PASS
11N20SISO	2462	Ant1	17.610	0.5	PASS
11N40SISO	2422	Ant1	36.280	0.5	PASS
11N40SISO	2437	Ant1	36.400	0.5	PASS
11N40SISO	2452	Ant1	36.160	0.5	PASS

6dB Bandwidth_11B_2412_Ant1

Agilent Spectrum Analyzer - Occupied BW

Center Freq 2.412000000 GHz
#IFGain:Low
#Atten: 30 dB
Center Freq: 2.412000000 GHz
Trig: Free Run
Avg/Hold: 1/1
Radio Std: None
Radio Device: BTS



Center 2.412 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 30 MHz
Sweep 2.933 ms

Occupied Bandwidth
12.348 MHz
Total Power 19.1 dBm
Transmit Freq Error 12.384 kHz
OBW Power 99.00 %
x dB Bandwidth 8.906 MHz
x dB -6.00 dB

Frequency

Center Freq
2.412000000 GHz

CF Step
3.000000 MHz
Auto Man

Freq Offset
0 Hz

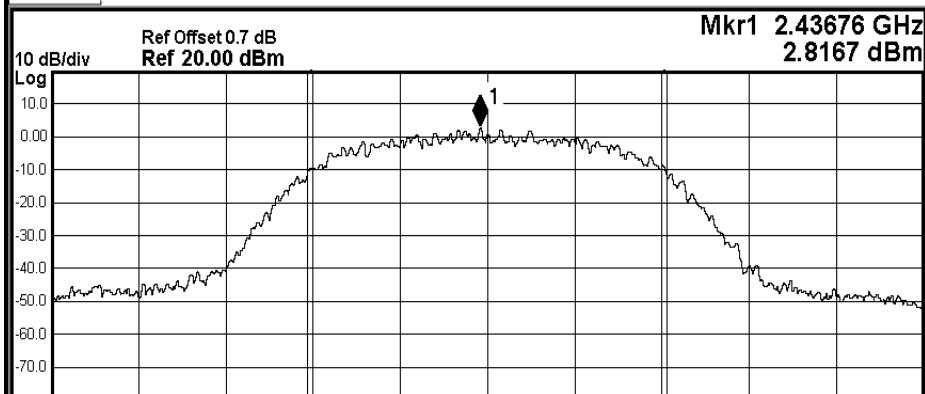
MSG

STATUS

6dB Bandwidth_11B_2437_Ant1

Agilent Spectrum Analyzer - Occupied BW

Center Freq 2.437000000 GHz
#IFGain:Low
#Atten: 30 dB
Center Freq: 2.437000000 GHz
Trig: Free Run
Avg/Hold: 1/1
Radio Std: None
Radio Device: BTS



Center 2.437 GHz
#Res BW 100 kHz
#VBW 300 kHz
Span 30 MHz
Sweep 2.933 ms

Occupied Bandwidth
12.363 MHz
Total Power 18.7 dBm
Transmit Freq Error -13.198 kHz
OBW Power 99.00 %
x dB Bandwidth 8.910 MHz
x dB -6.00 dB

Frequency

Center Freq
2.437000000 GHz

CF Step
3.000000 MHz
Auto Man

Freq Offset
0 Hz

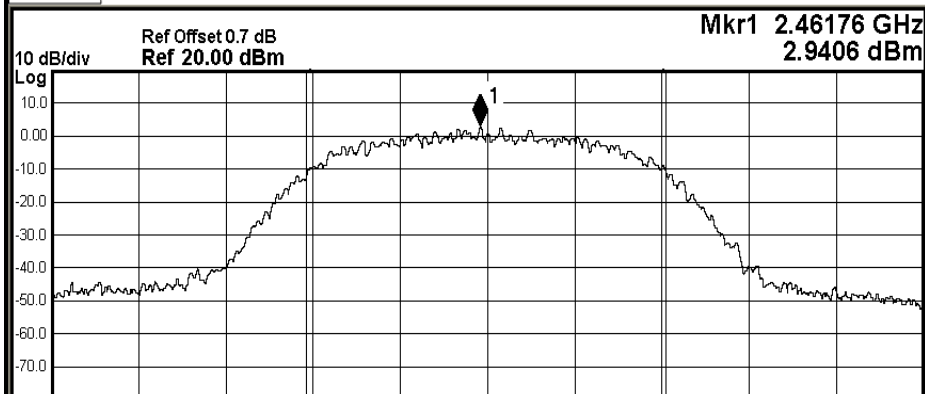
MSG

STATUS

6dB Bandwidth_11B_2462_Ant1

Agilent Spectrum Analyzer - Occupied BW

Center Freq 2.46200000 GHz
#IFGain:Low
Center Freq: 2.46200000 GHz
Trig: Free Run
AvalHold: 1/1
Radio Std: None
Radio Device: BTS
#Atten: 30 dB



Occupied Bandwidth

Total Power

18.8 dBm

12.343 MHz

Transmit Freq Error

-38.613 kHz

OBW Power

99.00 %

x dB Bandwidth

8.906 MHz

x dB

-6.00 dB

Frequency

Center Freq
2.46200000 GHzCF Step
3.000000 MHz
Auto Man

Freq Offset

0 Hz

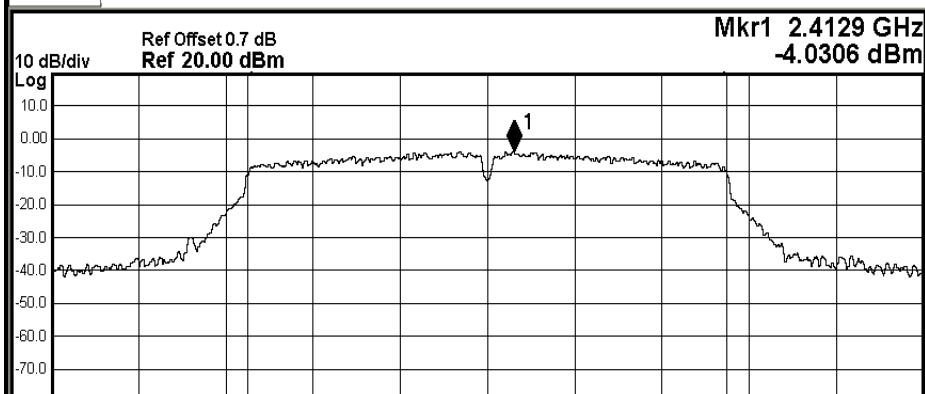
MSG

STATUS

6dB Bandwidth_11G_2412_Ant1

Agilent Spectrum Analyzer - Occupied BW

Center Freq 2.41200000 GHz
#IFGain:Low
Center Freq: 2.41200000 GHz
Trig: Free Run
AvalHold: 1/1
Radio Std: None
Radio Device: BTS
#Atten: 30 dB



Occupied Bandwidth

Total Power

15.6 dBm

16.411 MHz

Transmit Freq Error

-8.328 kHz

OBW Power

99.00 %

x dB Bandwidth

16.42 MHz

x dB

-6.00 dB

Frequency

Center Freq
2.41200000 GHzCF Step
3.000000 MHz
Auto Man

Freq Offset

0 Hz

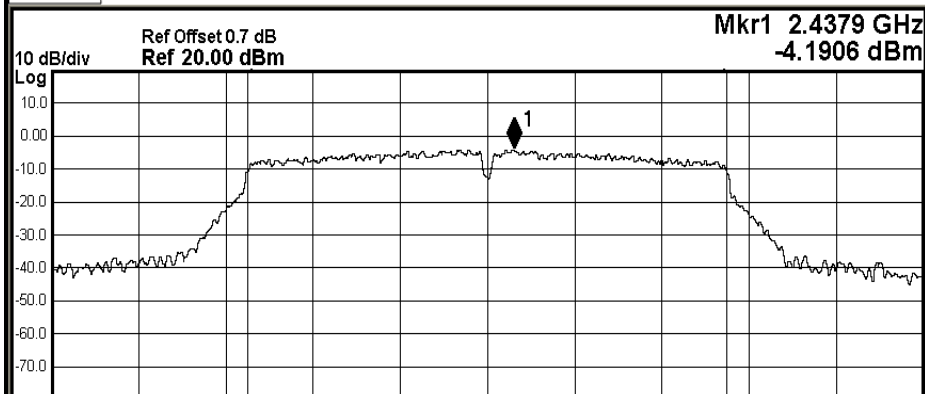
MSG

STATUS

6dB Bandwidth_11G_2437_Ant1

Agilent Spectrum Analyzer - Occupied BW

Center Freq 2.437000000 GHz Center Freq: 2.437000000 GHz Radio Std: None
#IFGain:Low Trig: Free Run Avg|Hold: 1/1
#Atten: 30 dB Radio Device: BTS



Center 2.437 GHz Span 30 MHz
#Res BW 100 kHz #VBW 300 kHz Sweep 2.933 ms

Occupied Bandwidth Total Power 15.4 dBm
16.430 MHz

Transmit Freq Error -18.118 kHz OBW Power 99.00 %
x dB Bandwidth 16.42 MHz x dB -6.00 dB

Frequency

Center Freq
2.437000000 GHzCF Step
3.000000 MHz
Auto ManFreq Offset
0 Hz

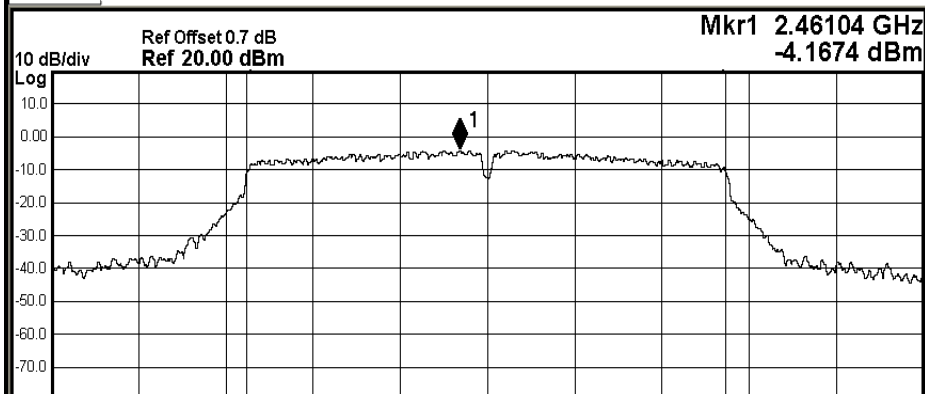
MSG

STATUS

6dB Bandwidth_11G_2462_Ant1

Agilent Spectrum Analyzer - Occupied BW

Center Freq 2.462000000 GHz Center Freq: 2.462000000 GHz Radio Std: None
#IFGain:Low Trig: Free Run Avg|Hold: 1/1
#Atten: 30 dB Radio Device: BTS



Center 2.462 GHz Span 30 MHz
#Res BW 100 kHz #VBW 300 kHz Sweep 2.933 ms

Occupied Bandwidth Total Power 15.5 dBm
16.379 MHz

Transmit Freq Error -26.001 kHz OBW Power 99.00 %
x dB Bandwidth 16.40 MHz x dB -6.00 dB

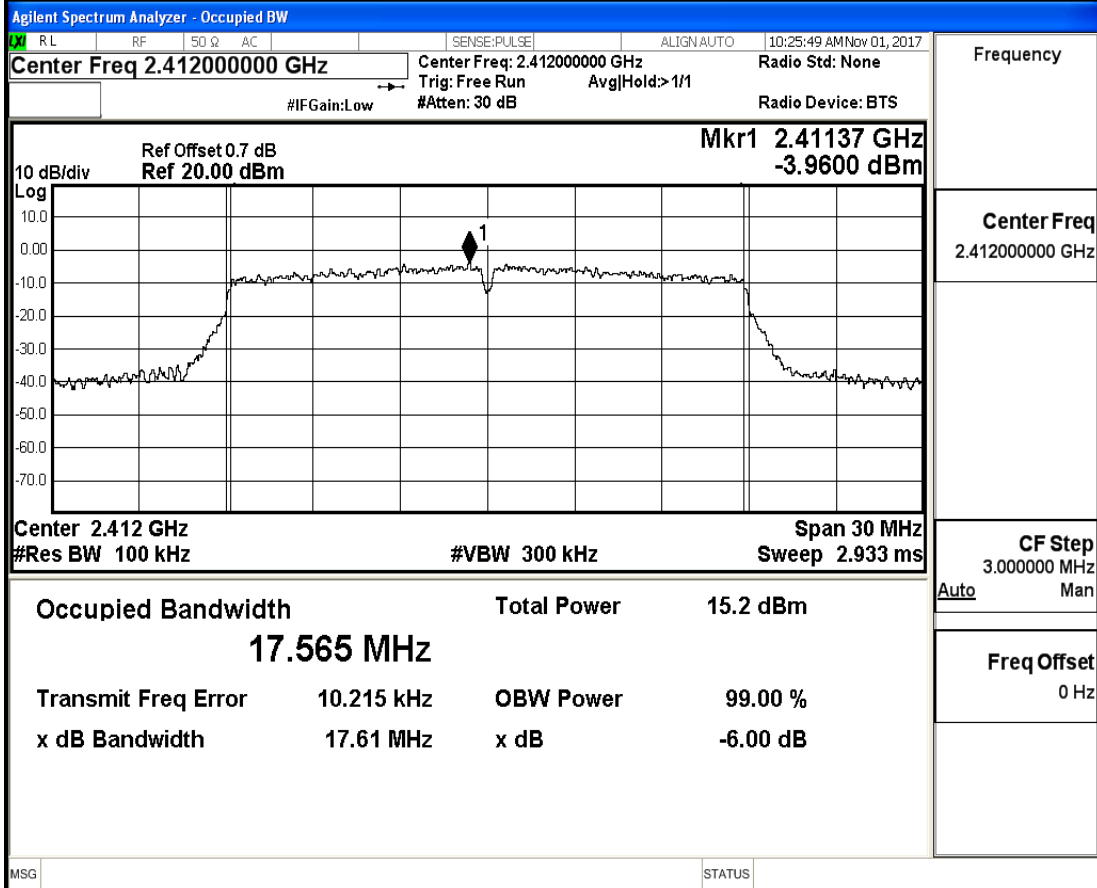
Frequency

Center Freq
2.462000000 GHzCF Step
3.000000 MHz
Auto ManFreq Offset
0 Hz

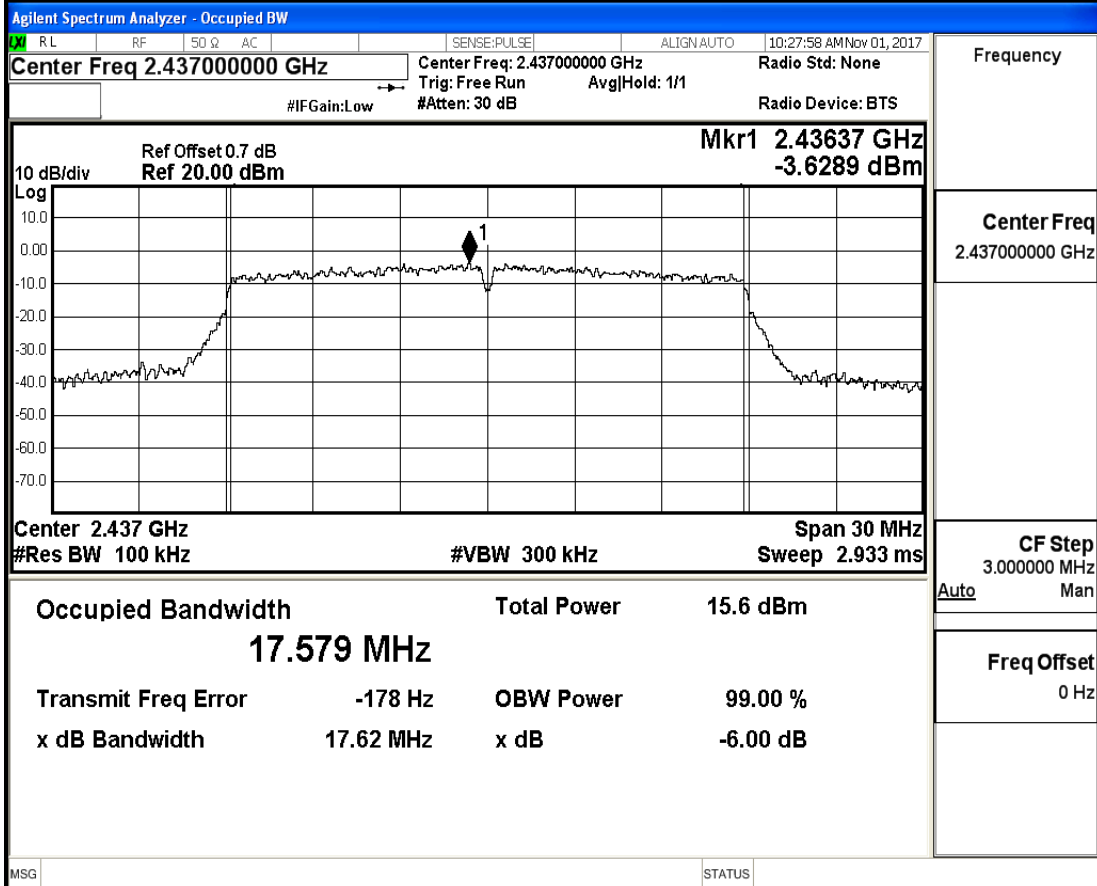
MSG

STATUS

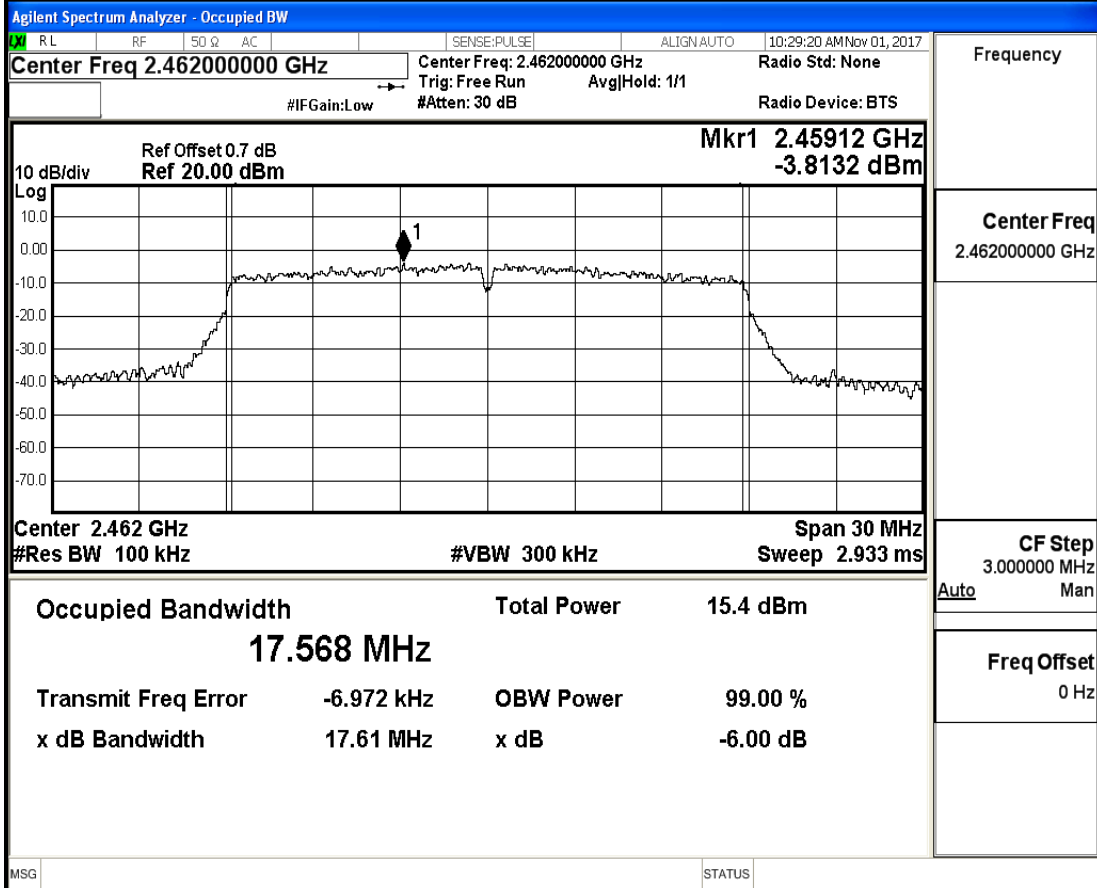
6dB Bandwidth_11N20SISO_2412_Ant1



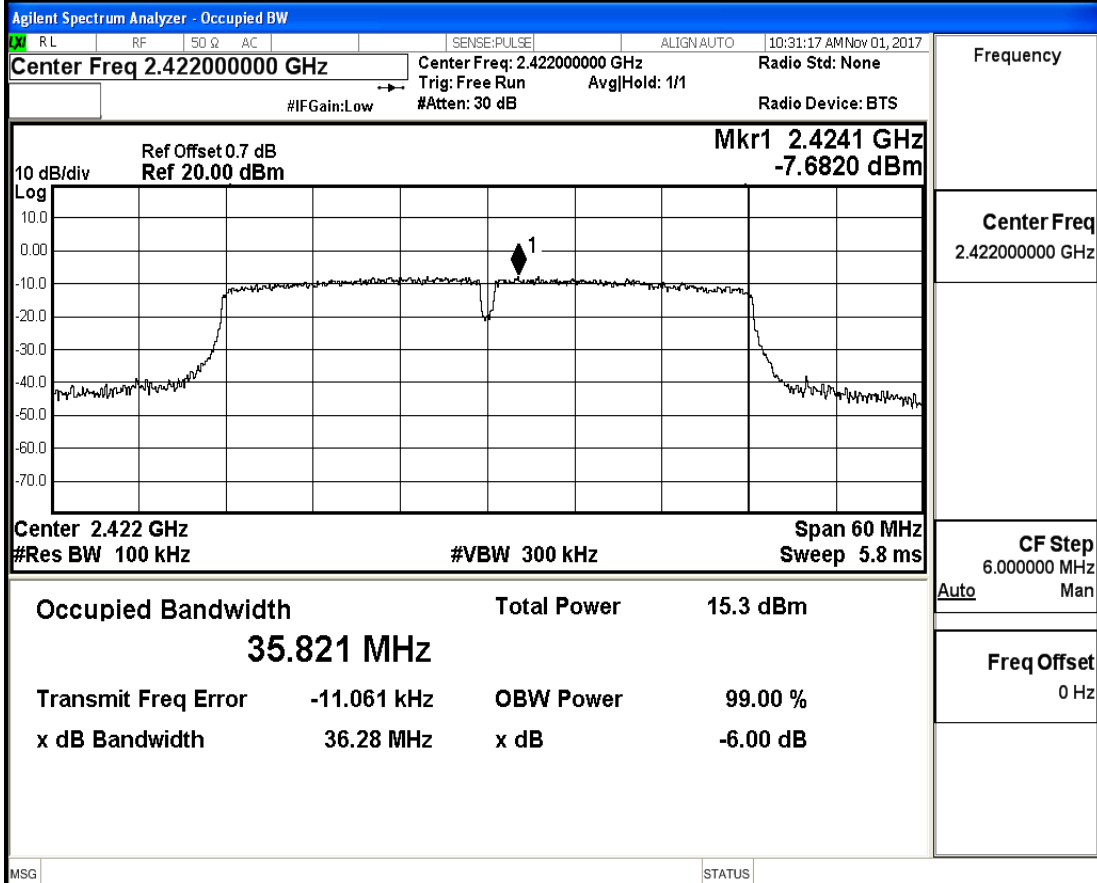
6dB Bandwidth_11N20SISO_2437_Ant1



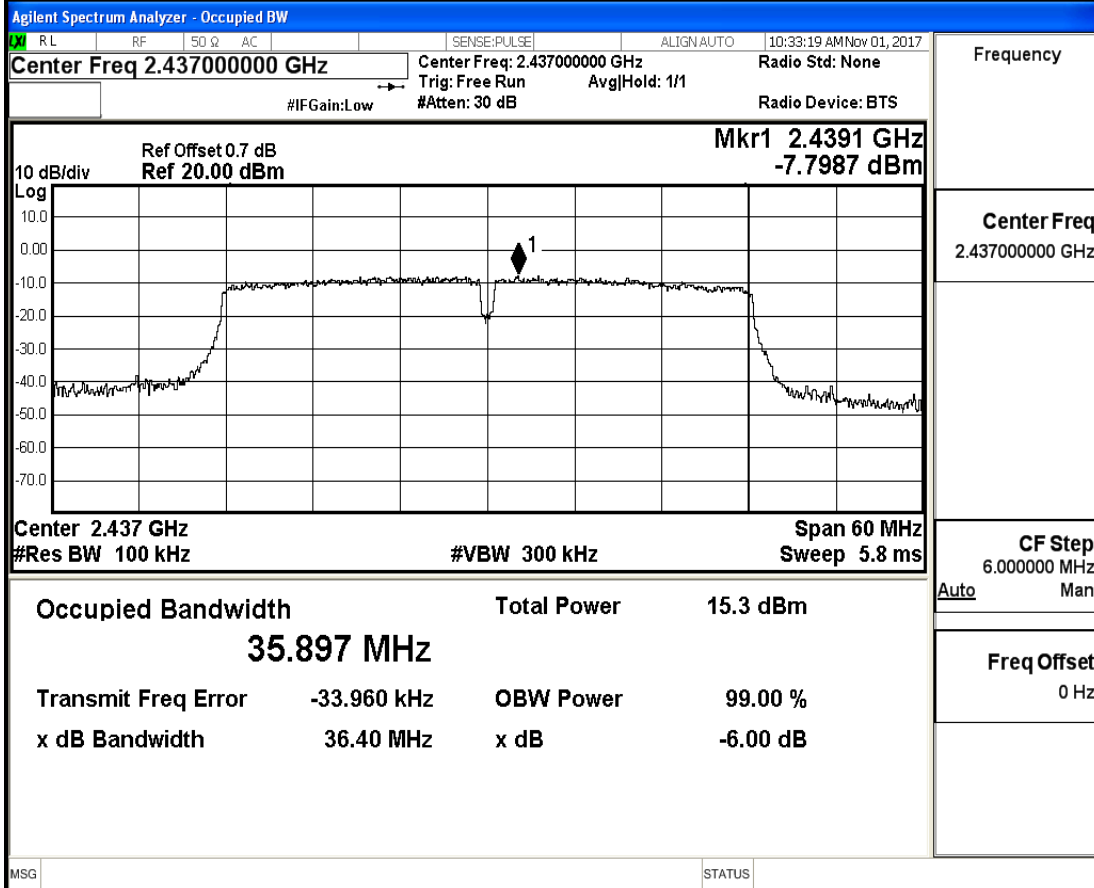
6dB Bandwidth_11N20SISO_2462_Ant1



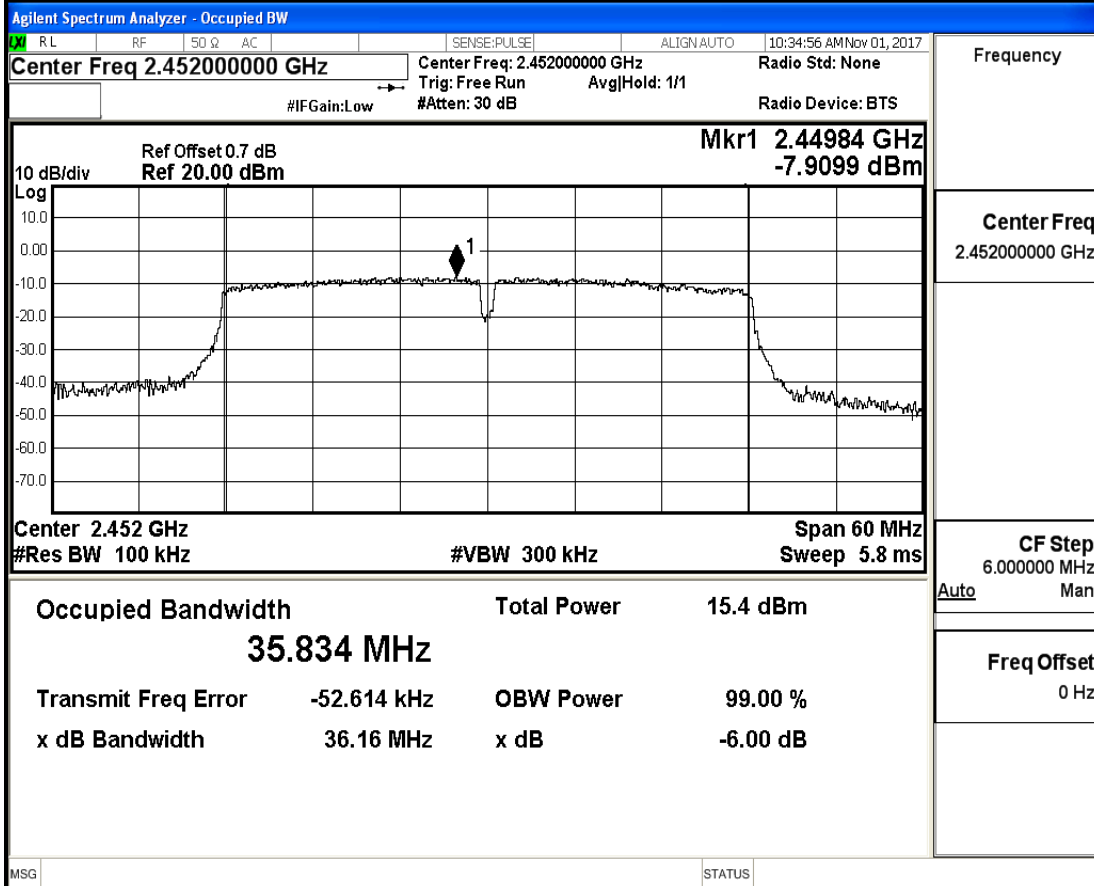
6dB Bandwidth_11N40SISO_2422_Ant1



6dB Bandwidth_11N40SISO_2437_Ant1



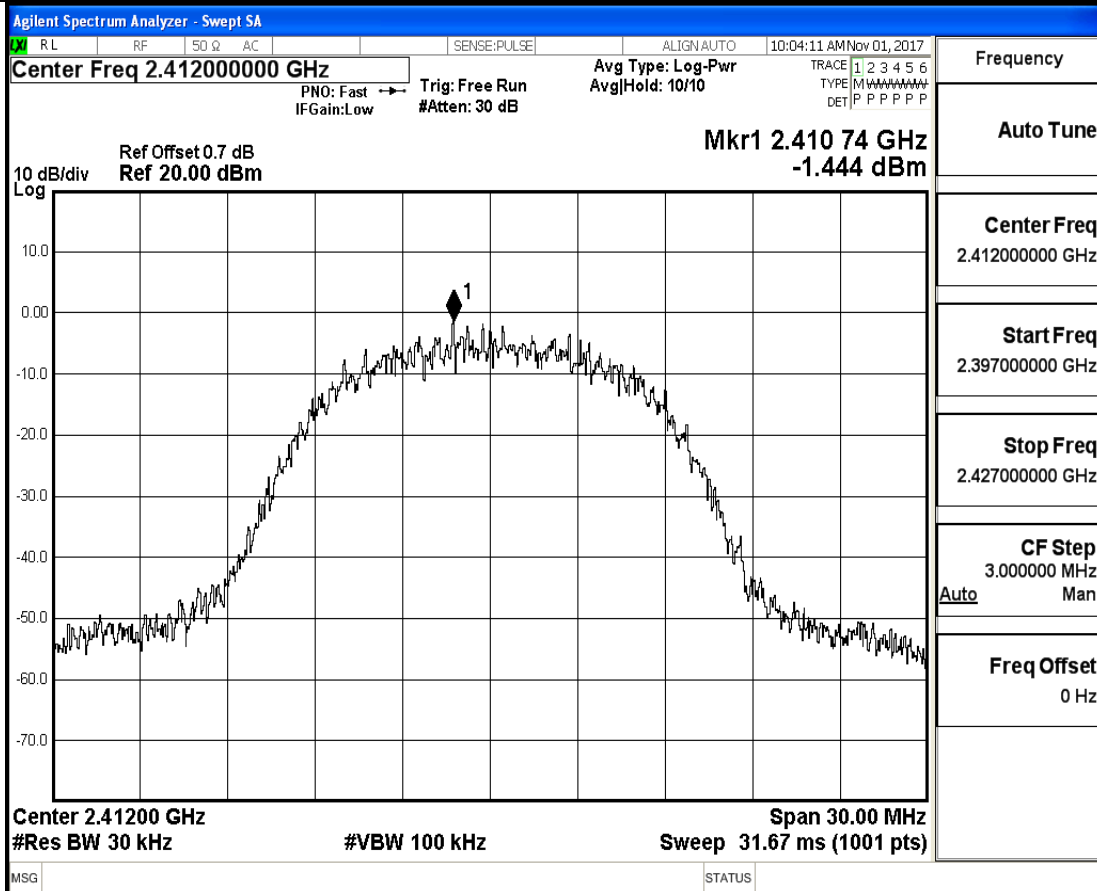
6dB Bandwidth_11N40SISO_2452_Ant1



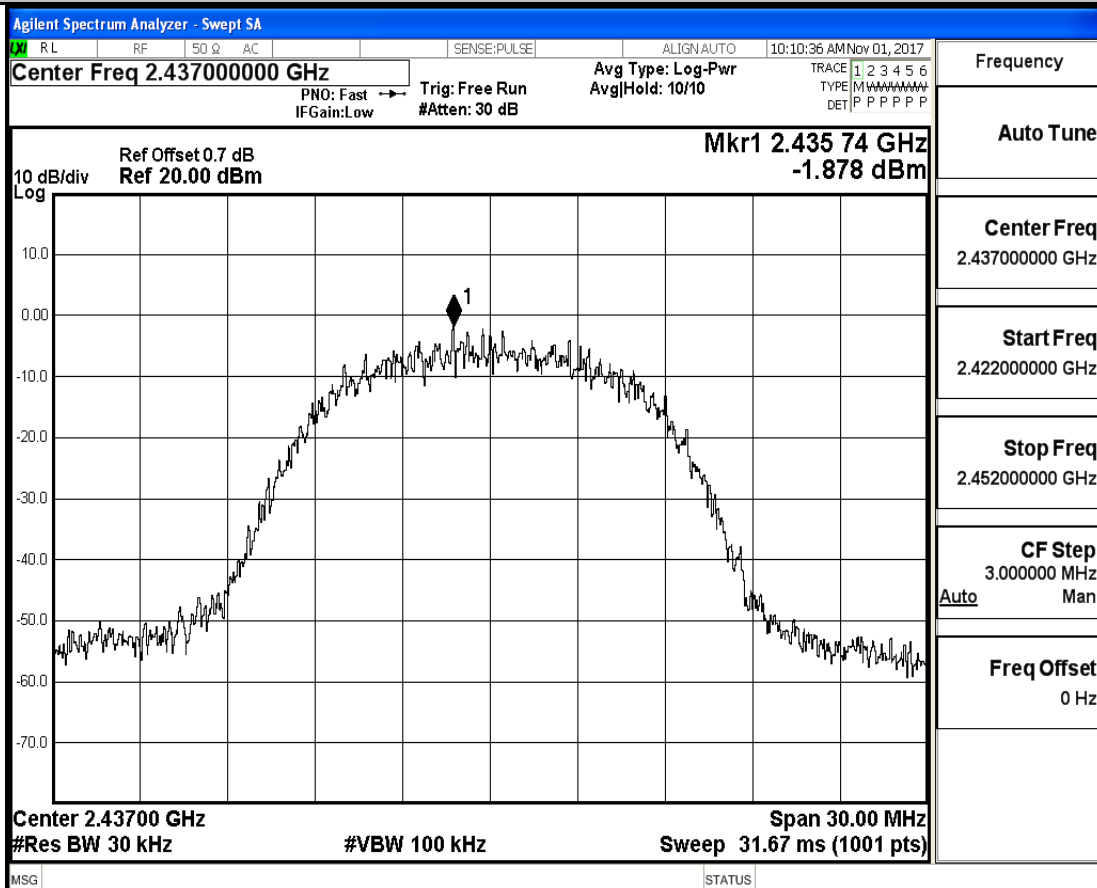
2.Maximum Peak power spectral density

Test Mode	Test Channel	Ant	PSD[dBm/MHz]	Limit[dBm/MHz]	Verdict
11B	2412	Ant1	-1.444	8.00	PASS
11B	2437	Ant1	-1.878	8.00	PASS
11B	2462	Ant1	-1.705	8.00	PASS
11G	2412	Ant1	-6.823	8.00	PASS
11G	2437	Ant1	-6.840	8.00	PASS
11G	2462	Ant1	-6.790	8.00	PASS
11N20SISO	2412	Ant1	-6.309	8.00	PASS
11N20SISO	2437	Ant1	-5.979	8.00	PASS
11N20SISO	2462	Ant1	-6.180	8.00	PASS
11N40SISO	2422	Ant1	-10.939	8.00	PASS
11N40SISO	2437	Ant1	-11.021	8.00	PASS
11N40SISO	2452	Ant1	-10.935	8.00	PASS

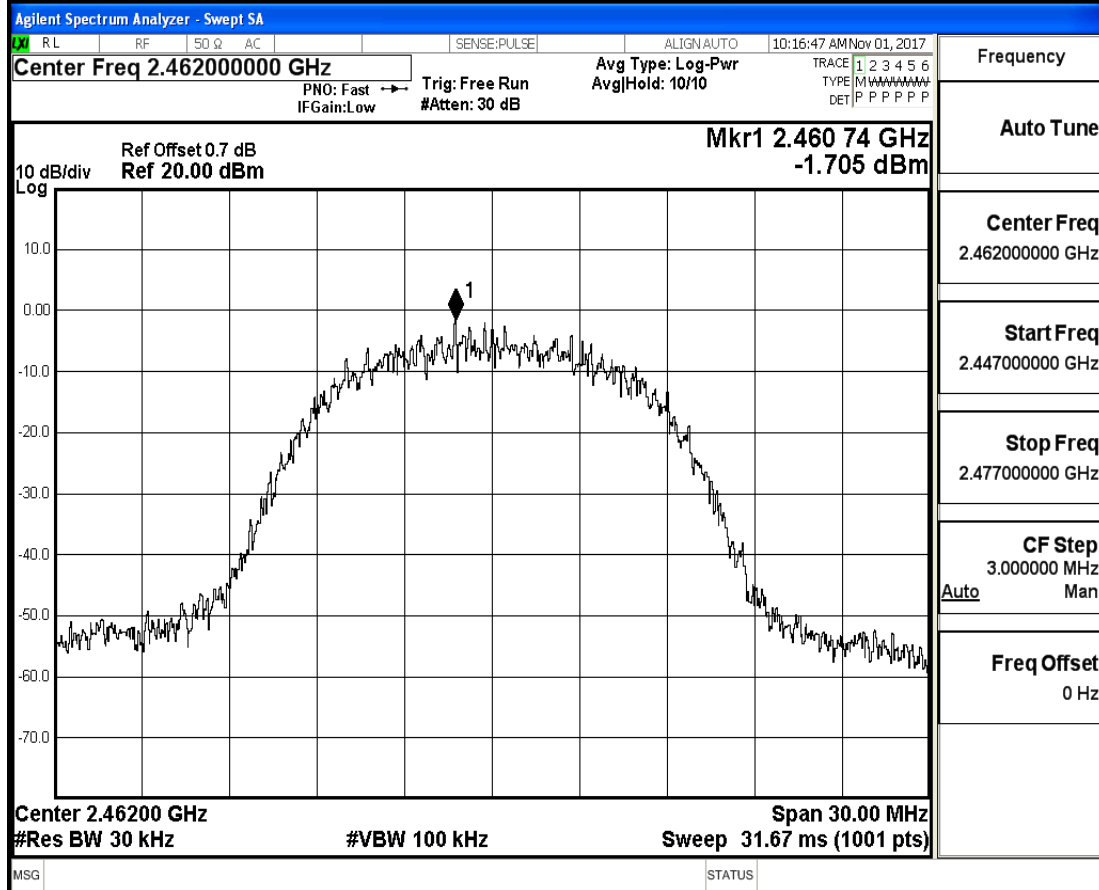
Maximum Peak power spectral density_11B_2412_Ant1



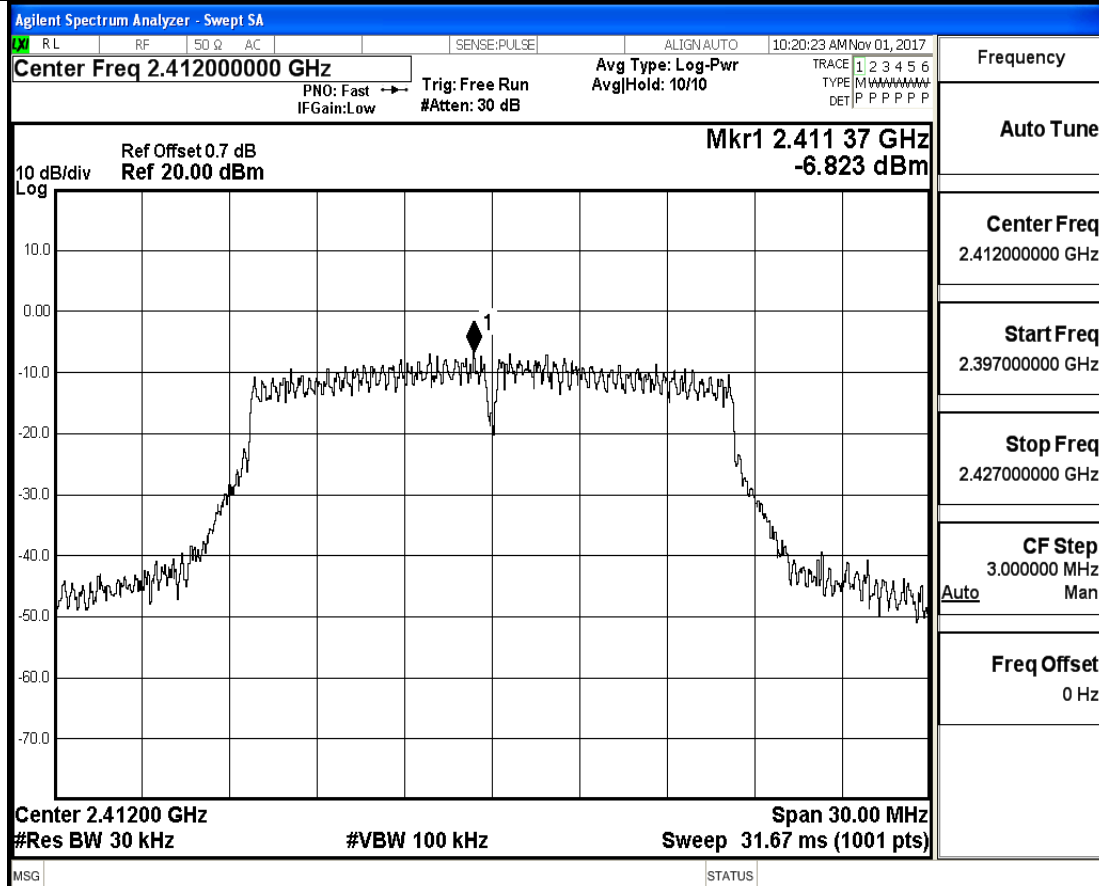
Maximum Peak power spectral density_11B_2437_Ant1



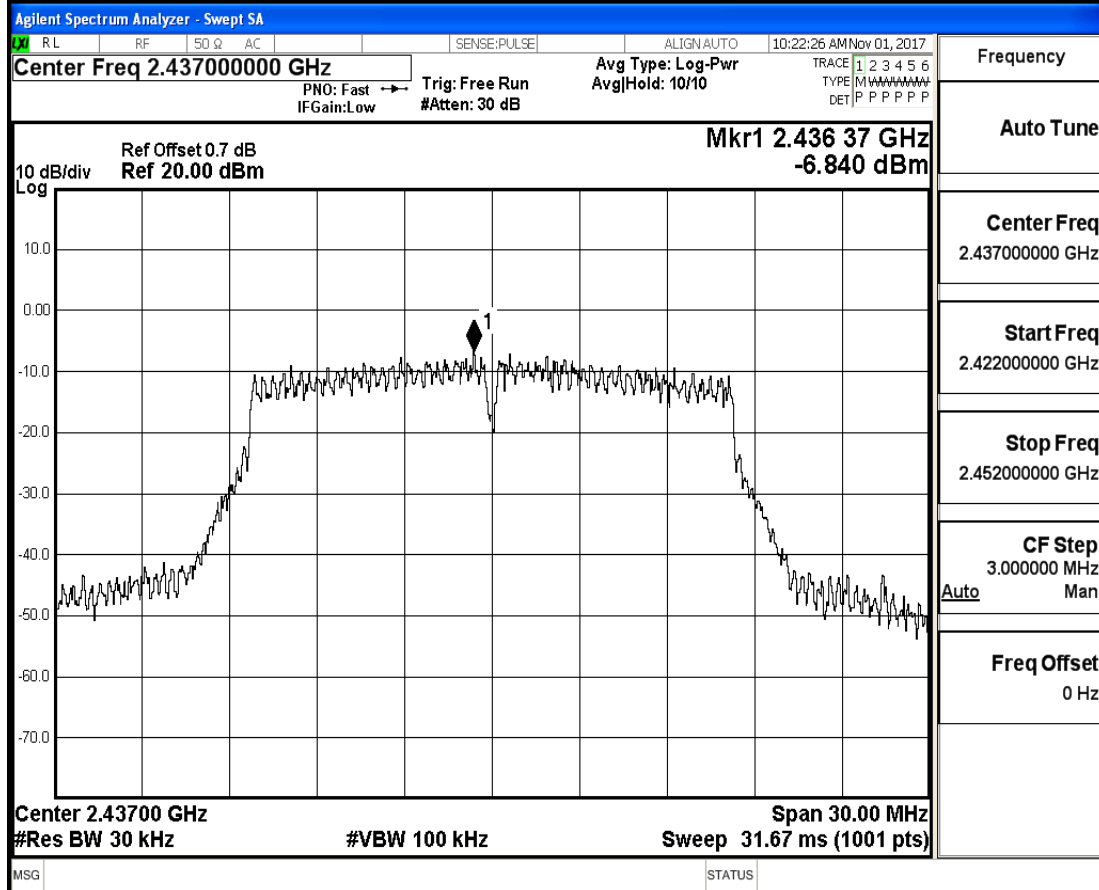
Maximum Peak power spectral density_11B_2462_Ant1



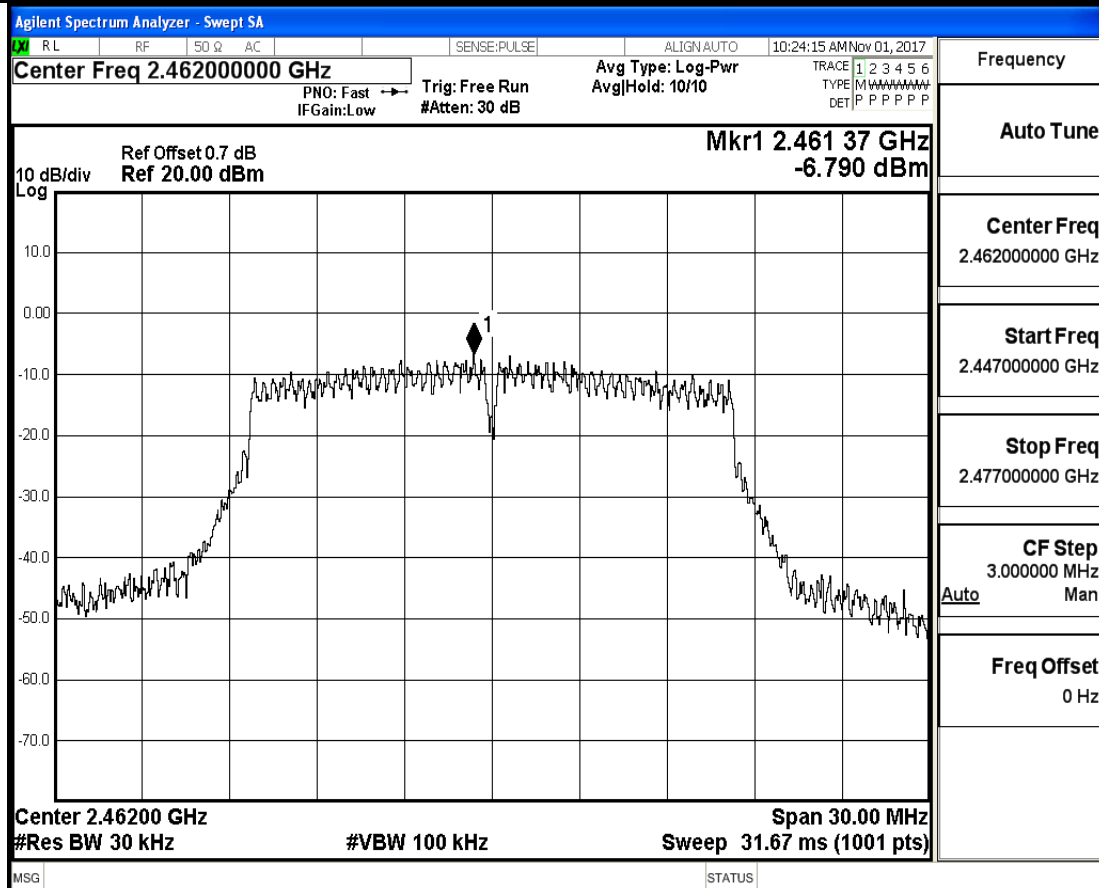
Maximum Peak power spectral density_11G_2412_Ant1



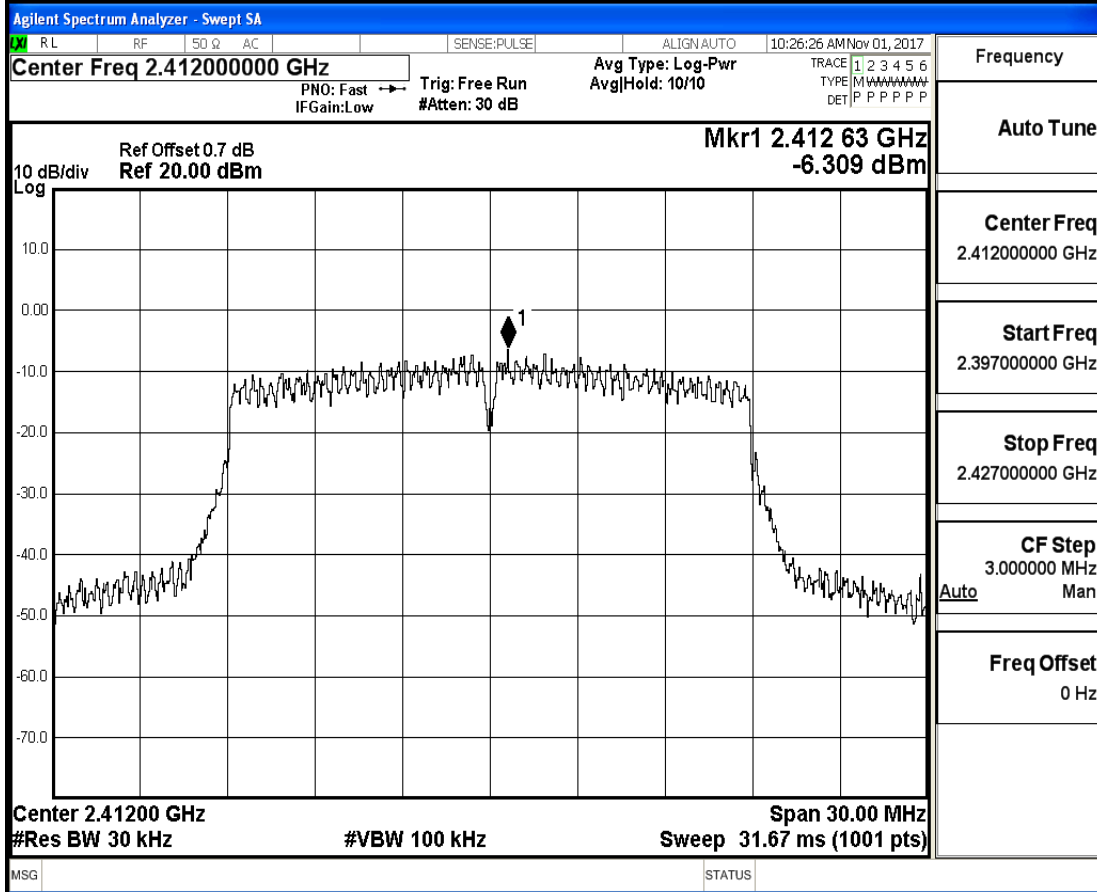
Maximum Peak power spectral density_11G_2437_Ant1



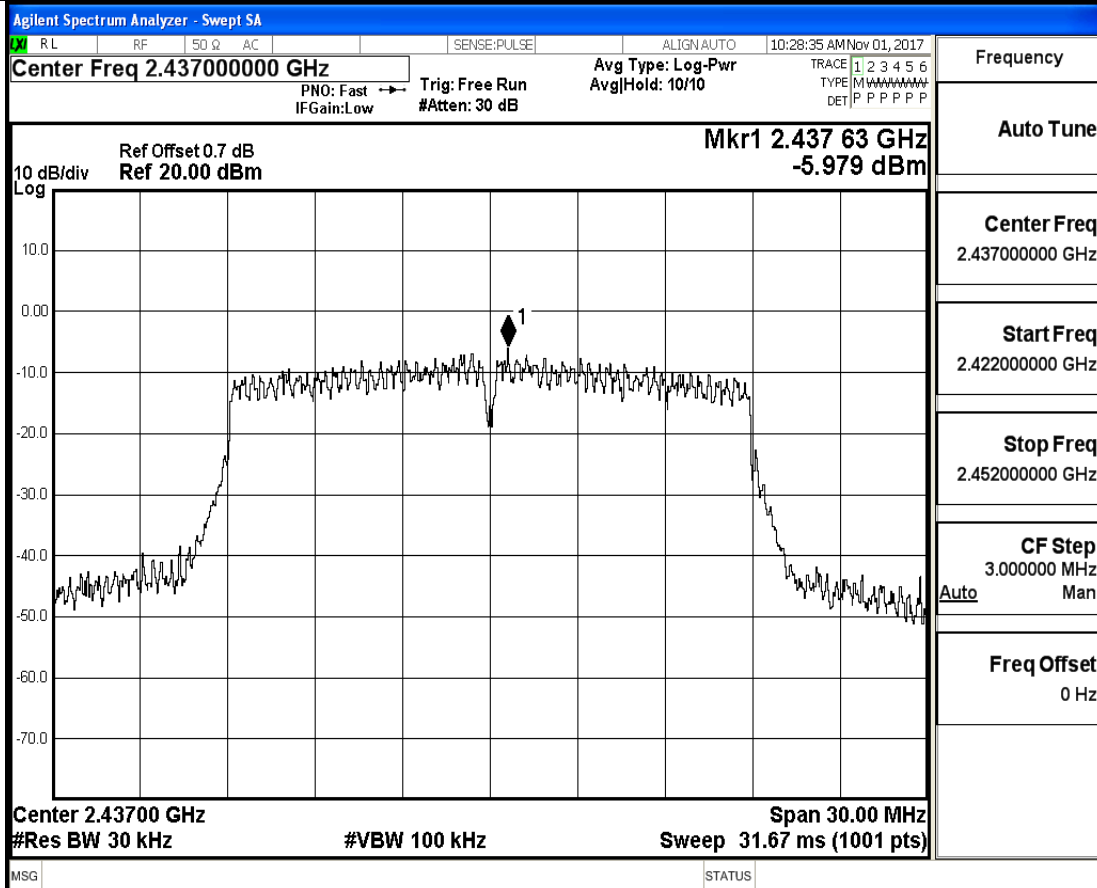
Maximum Peak power spectral density_11G_2462_Ant1



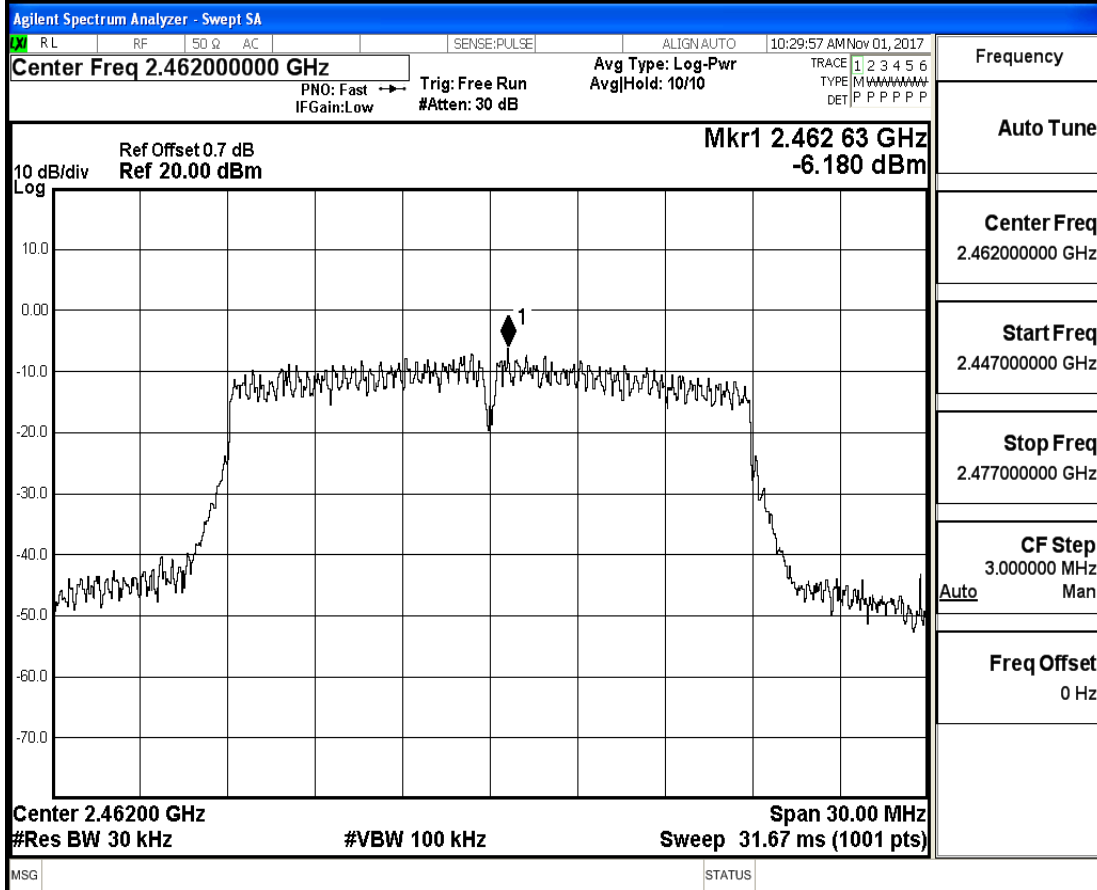
Maximum Peak power spectral density_11N20SISO_2412_Ant1



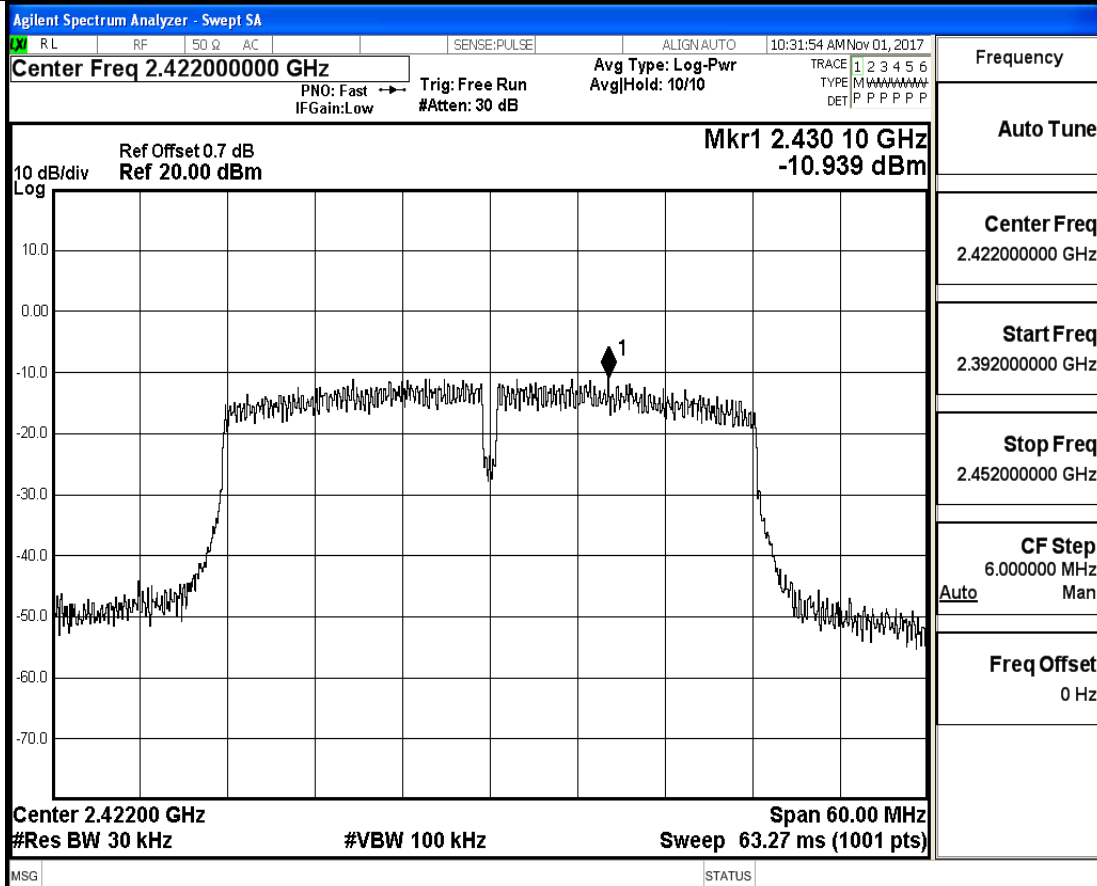
Maximum Peak power spectral density_11N20SISO_2437_Ant1



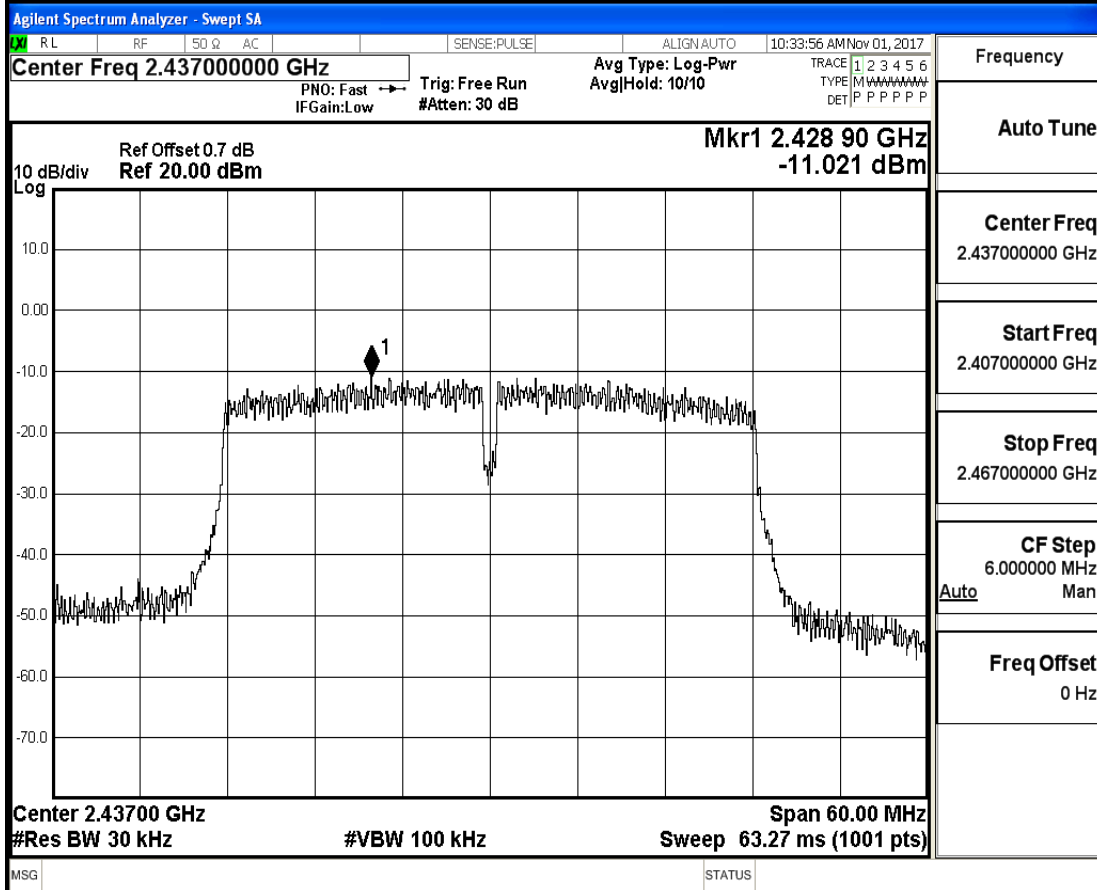
Maximum Peak power spectral density_11N20SISO_2462_Ant1



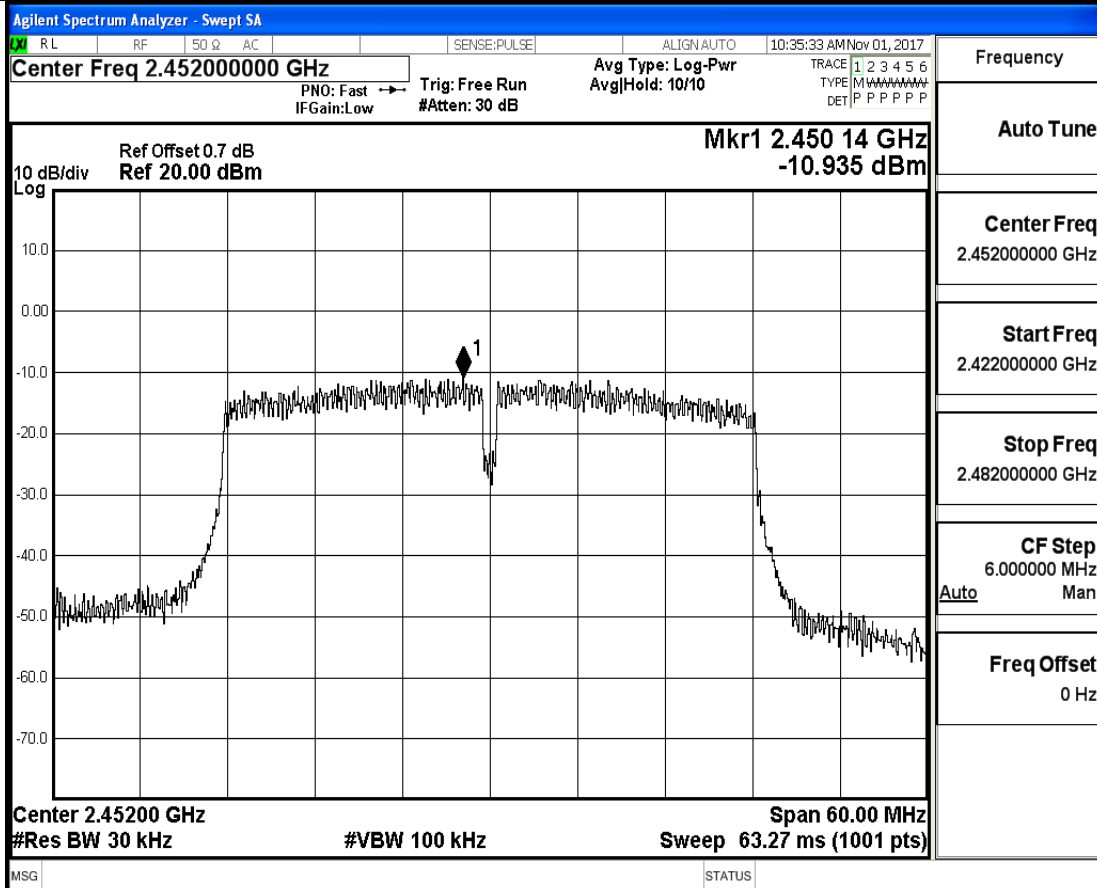
Maximum Peak power spectral density_11N40SISO_2422_Ant1



Maximum Peak power spectral density_11N40SISO_2437_Ant1

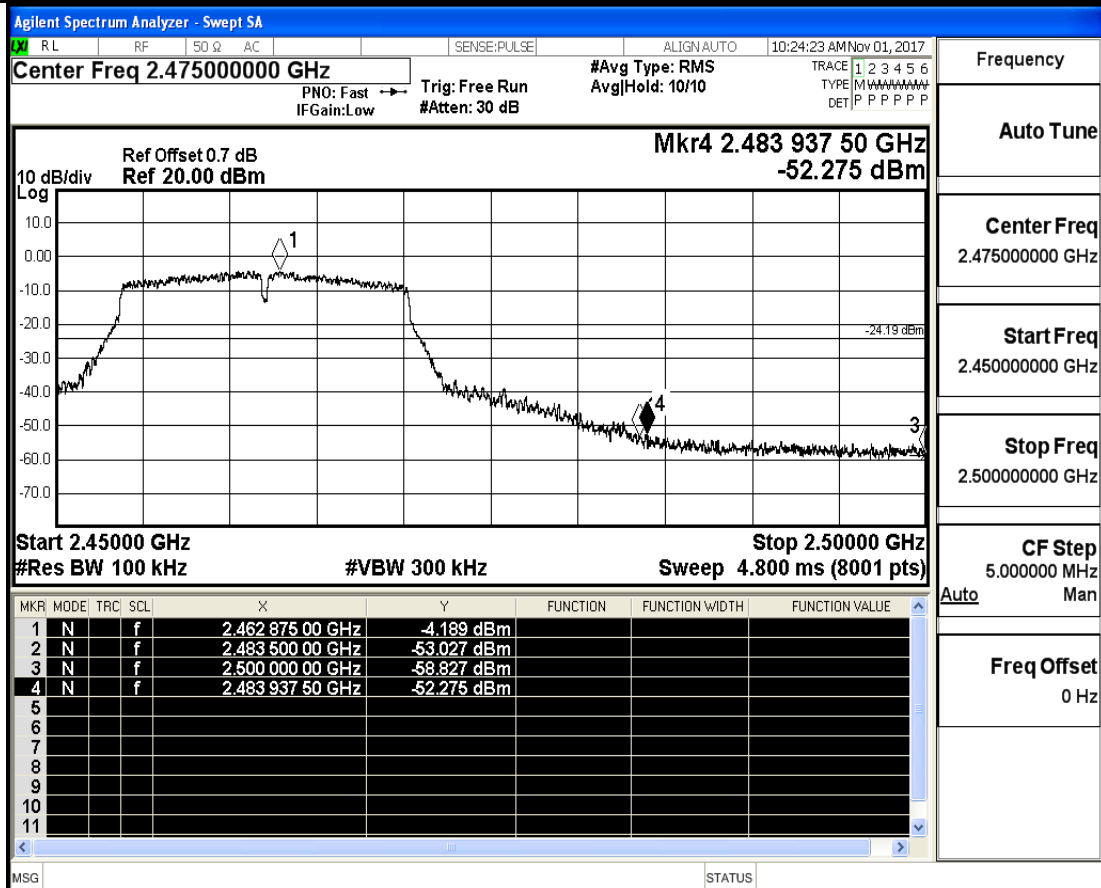
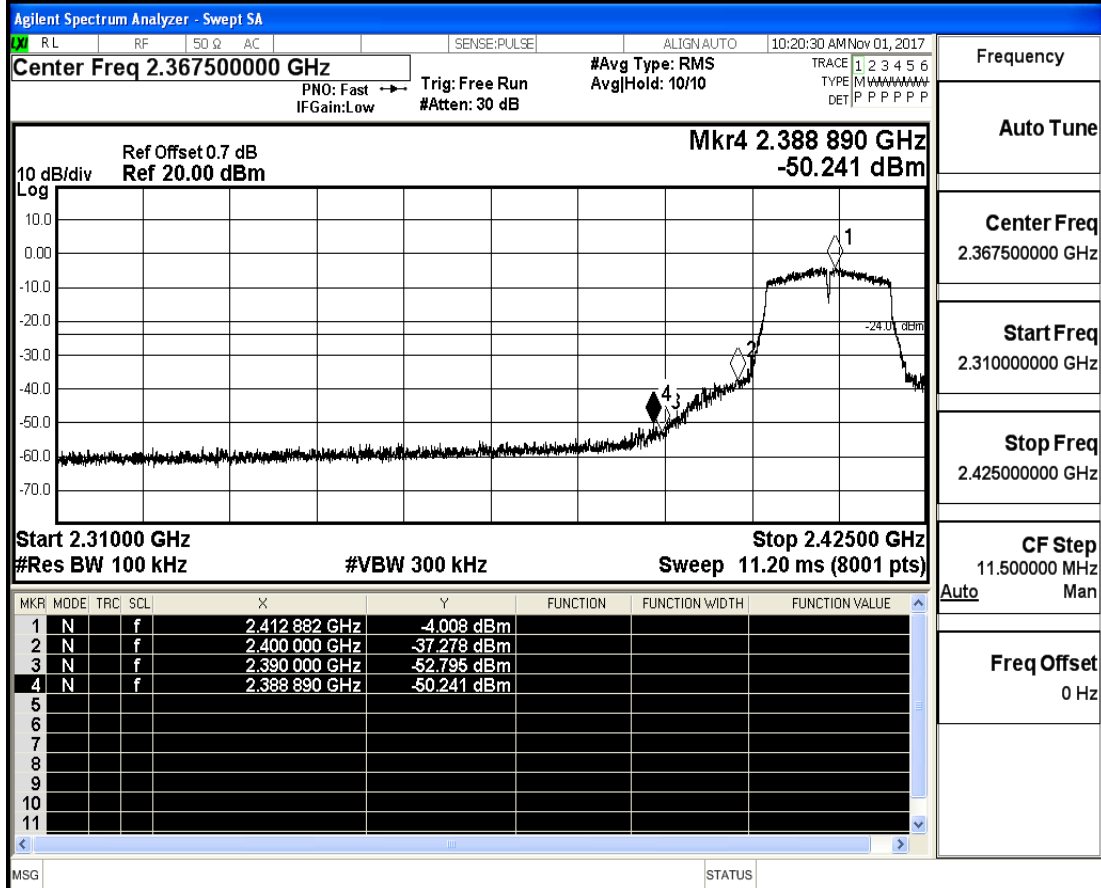


Maximum Peak power spectral density_11N40SISO_2452_Ant1

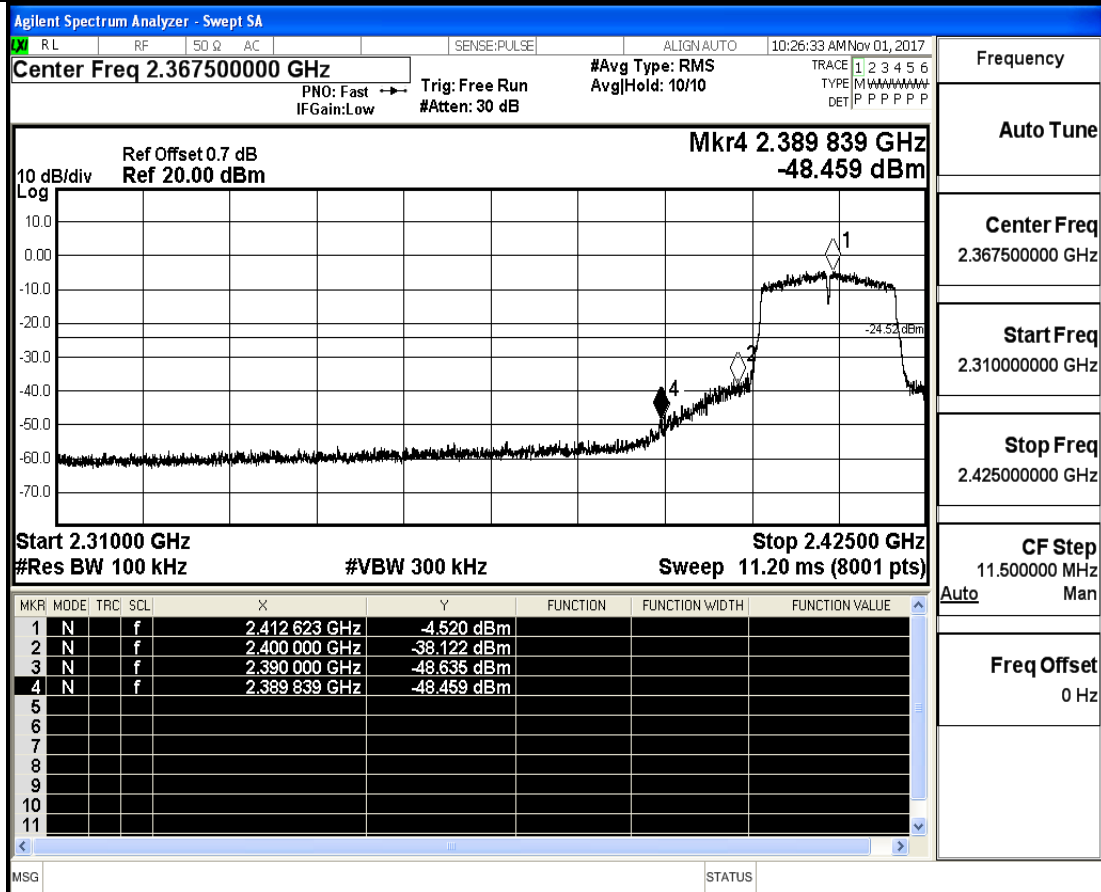


3.Band-edge for RF Conducted Emissions

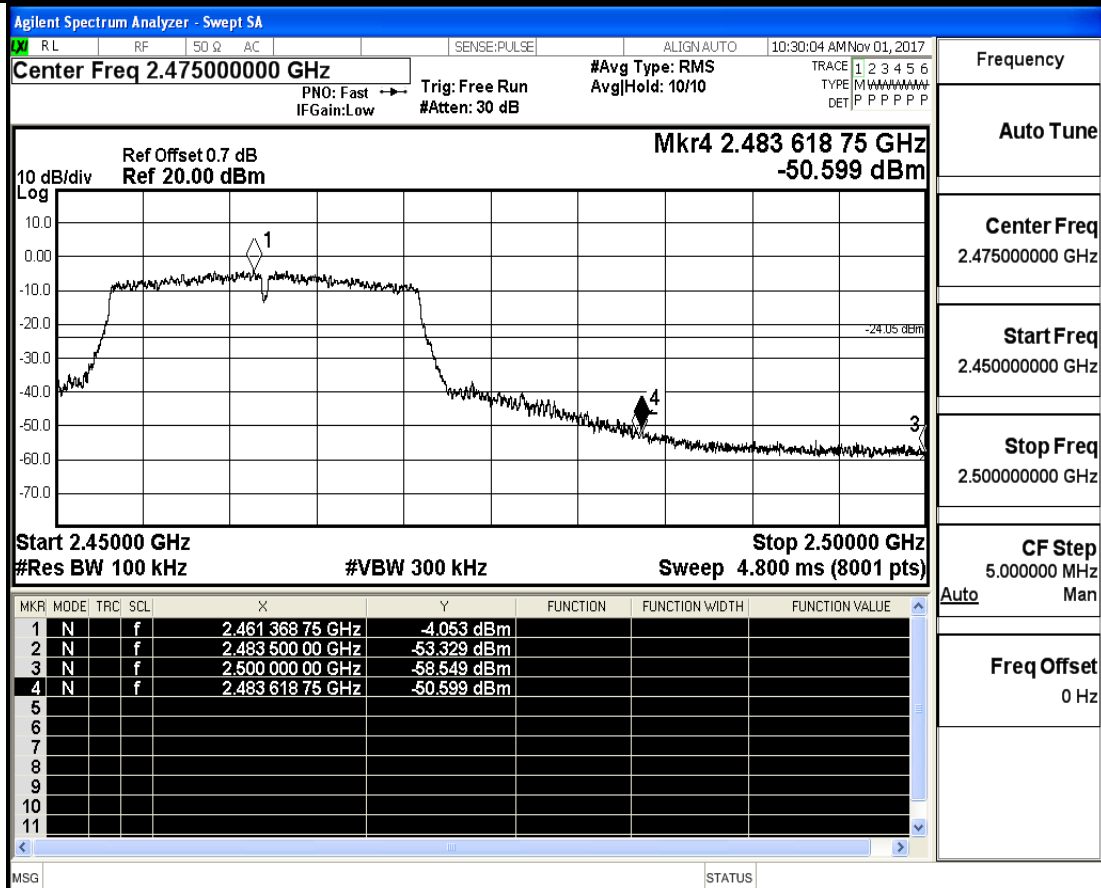
Test Mode	Test Channel	Ant	Carrier Power[dBm]	Max. Spurious Level [dBm]	Limit [dBm]	Verdict
11B	2412	Ant1	3.203	-55.276	-16.8	PASS
11B	2462	Ant1	2.907	-55.895	-17.09	PASS
11G	2412	Ant1	-4.008	-50.241	-24.01	PASS
11G	2462	Ant1	-4.189	-52.275	-24.19	PASS
11N20SISO	2412	Ant1	-4.520	-48.459	-24.52	PASS
11N20SISO	2462	Ant1	-4.053	-50.599	-24.05	PASS
11N40SISO	2422	Ant1	-8.097	-43.692	-28.1	PASS
11N40SISO	2452	Ant1	-7.985	-47.632	-27.99	PASS



Band-edge for RF Conducted Emissions_11N20SISO_2412_Ant1



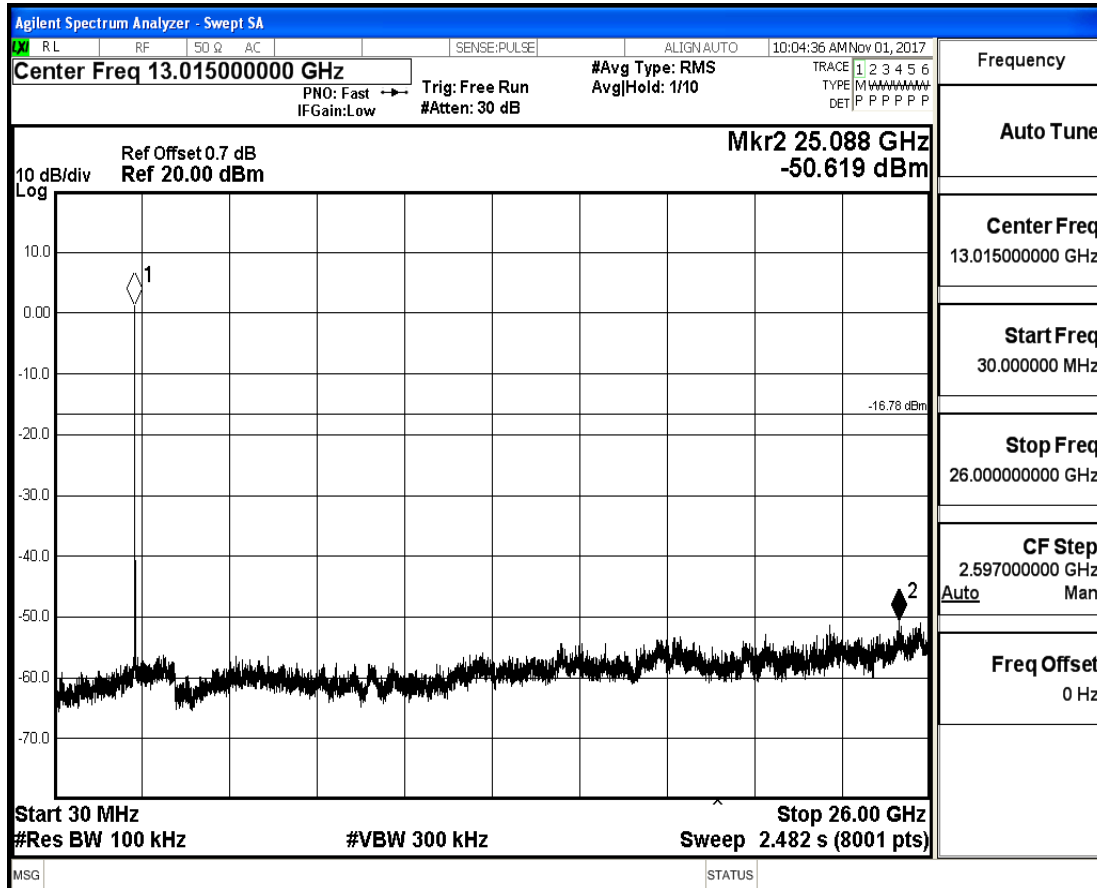
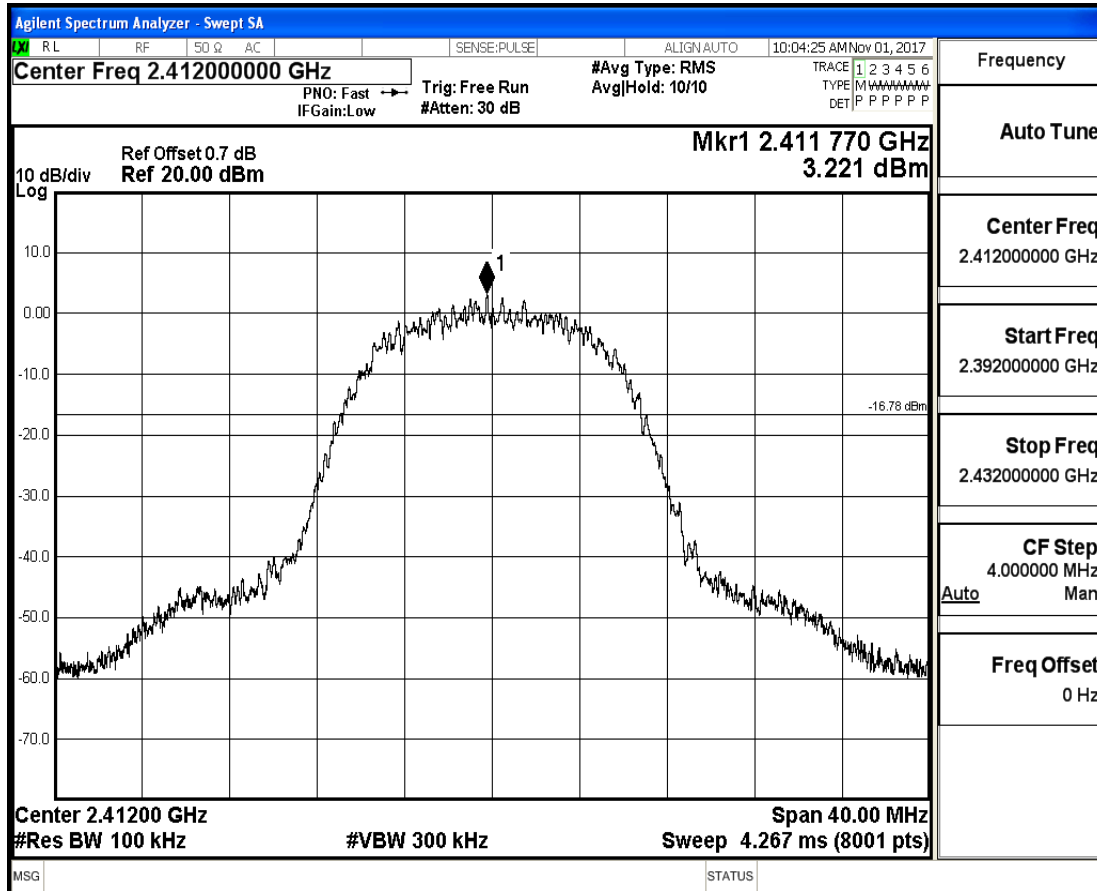
Band-edge for RF Conducted Emissions_11N20SISO_2462_Ant1



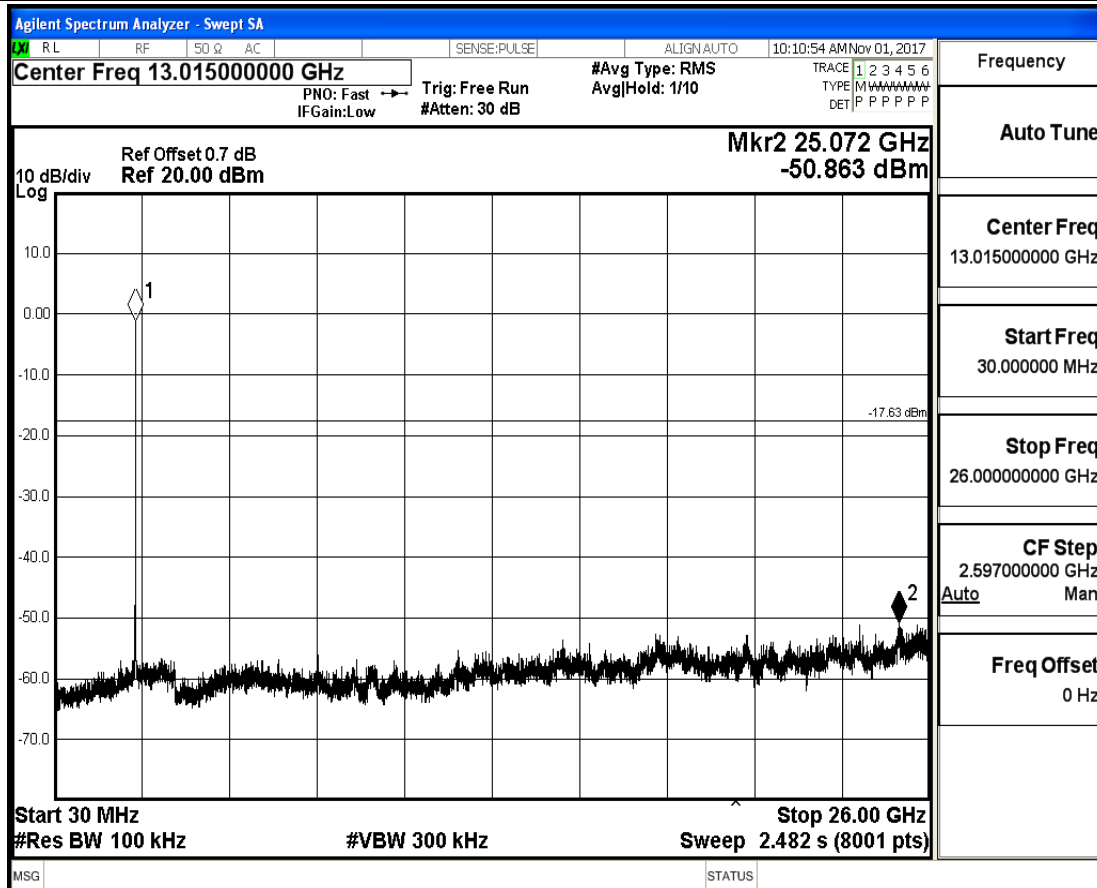
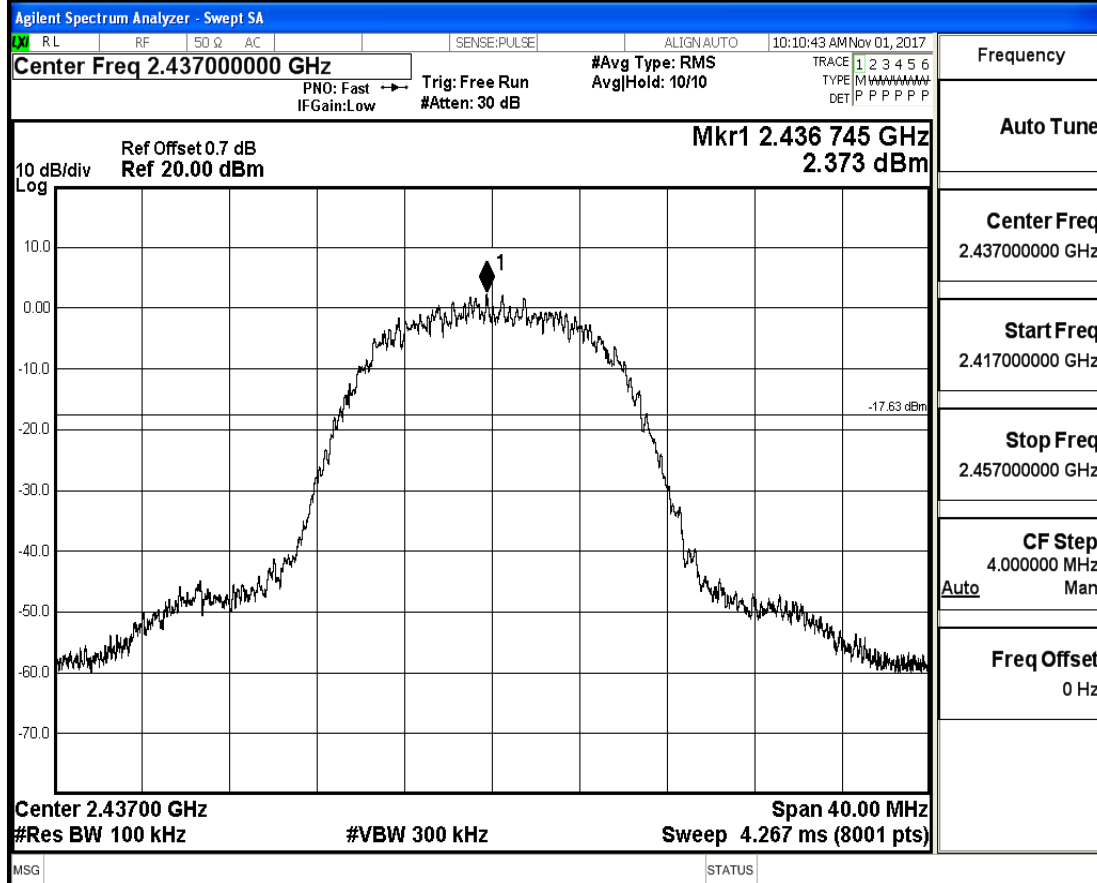
4.RF Conducted Spurious Emissions

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	3.221	-50.619	<-16.779	PASS
11B	2437	Ant1	30	26000	100	300	2.373	-50.863	<-17.627	PASS
11B	2462	Ant1	30	26000	100	300	2.846	-50.914	<-17.154	PASS
11G	2412	Ant1	30	26000	100	300	-4.082	-50.227	<-24.082	PASS
11G	2437	Ant1	30	26000	100	300	-4.261	-50.942	<-24.261	PASS
11G	2462	Ant1	30	26000	100	300	-4.269	-51.145	<-24.269	PASS
11N20SISO	2412	Ant1	30	26000	100	300	-4.192	-50.661	<-24.192	PASS
11N20SISO	2437	Ant1	30	26000	100	300	-4.071	-51.109	<-24.071	PASS
11N20SISO	2462	Ant1	30	26000	100	300	-3.914	-48.981	<-23.914	PASS
11N40SISO	2422	Ant1	30	26000	100	300	-8.058	-51.133	<-28.058	PASS
11N40SISO	2437	Ant1	30	26000	100	300	-7.918	-49.853	<-27.918	PASS
11N40SISO	2452	Ant1	30	26000	100	300	-8.026	-51.212	<-28.026	PASS

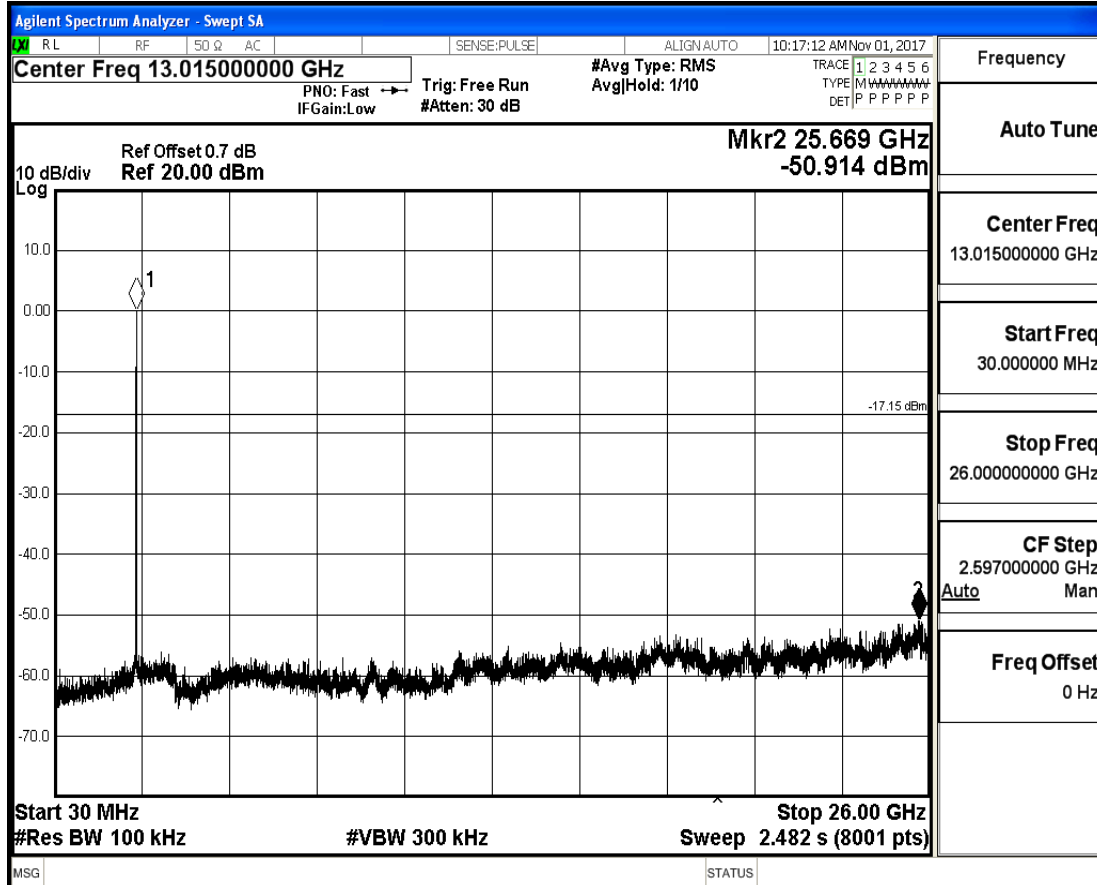
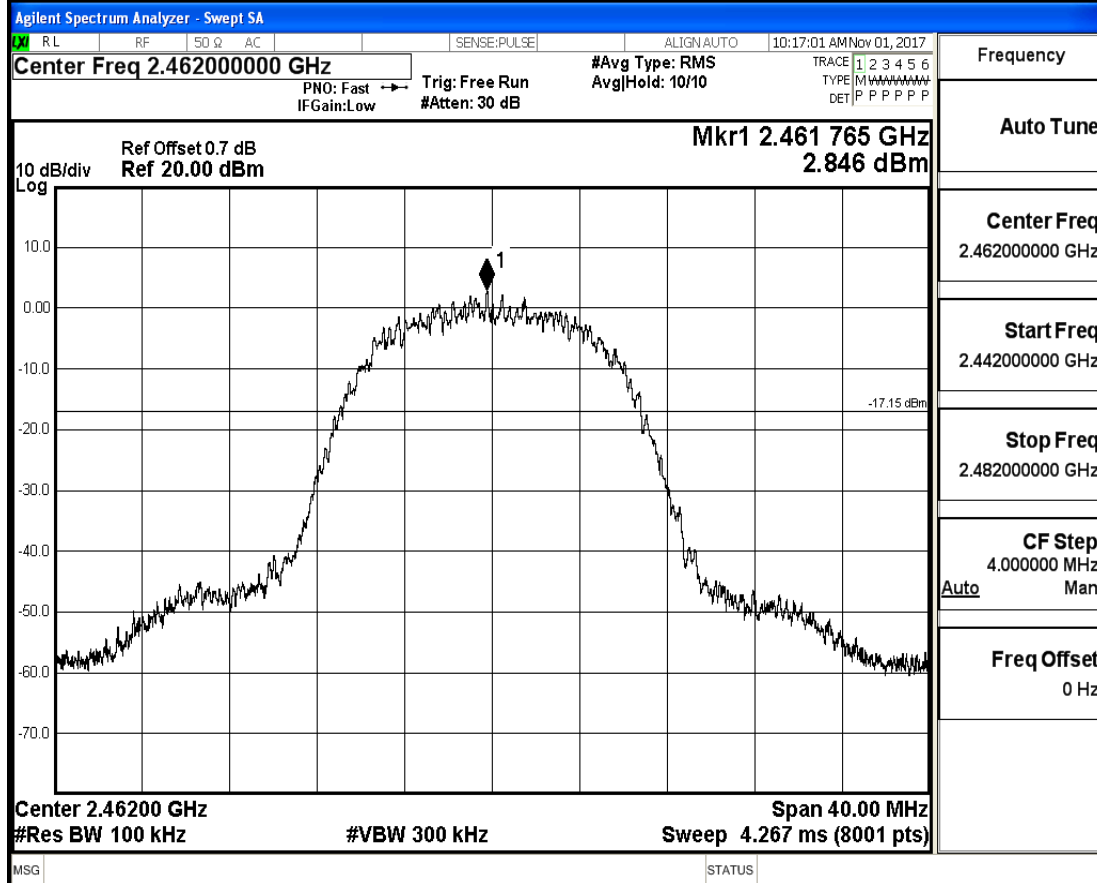
RF Conducted Spurious Emissions_11B_2412_Ant1



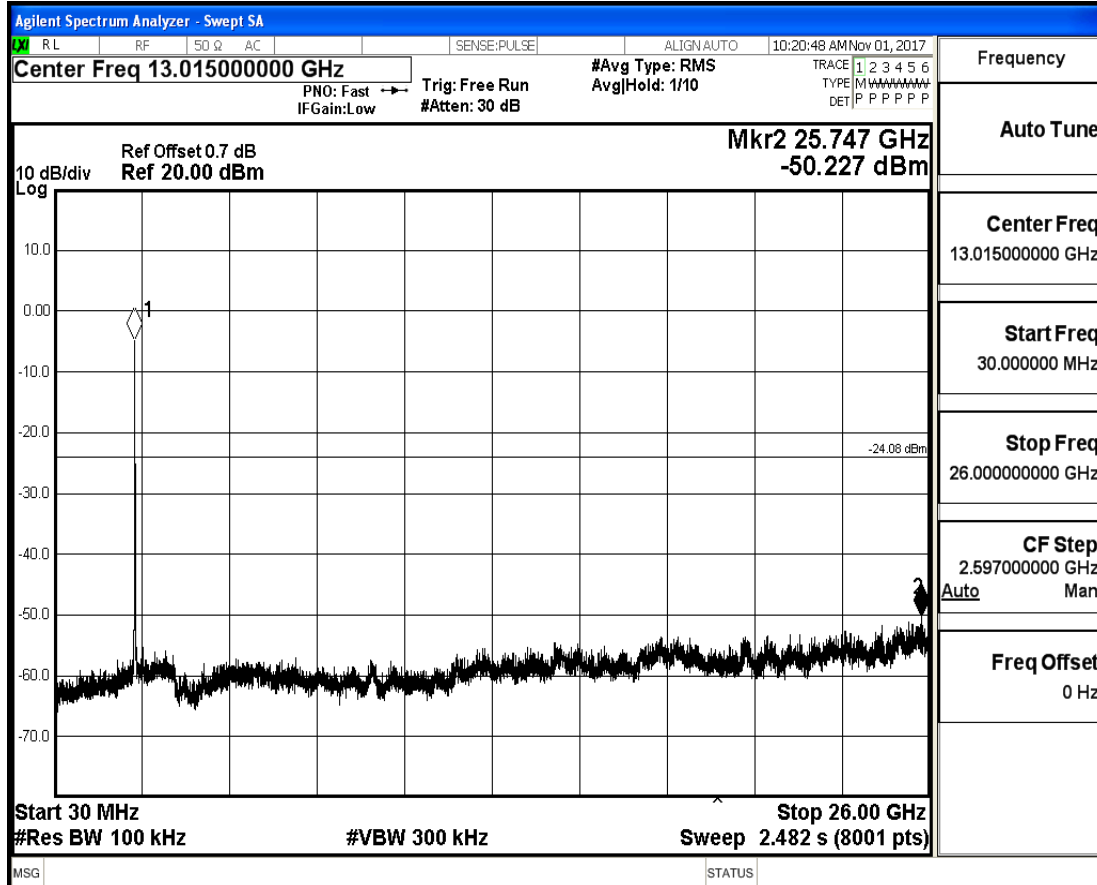
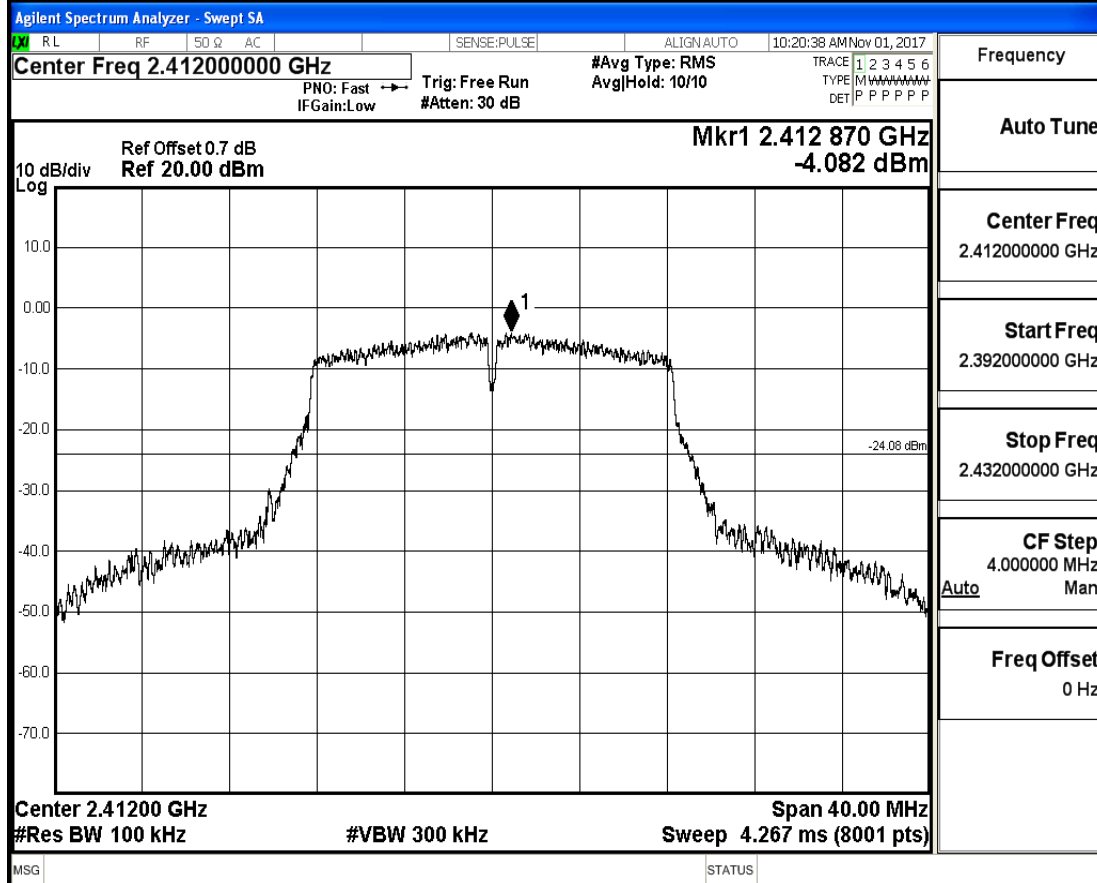
RF Conducted Spurious Emissions_11B_2437_Ant1



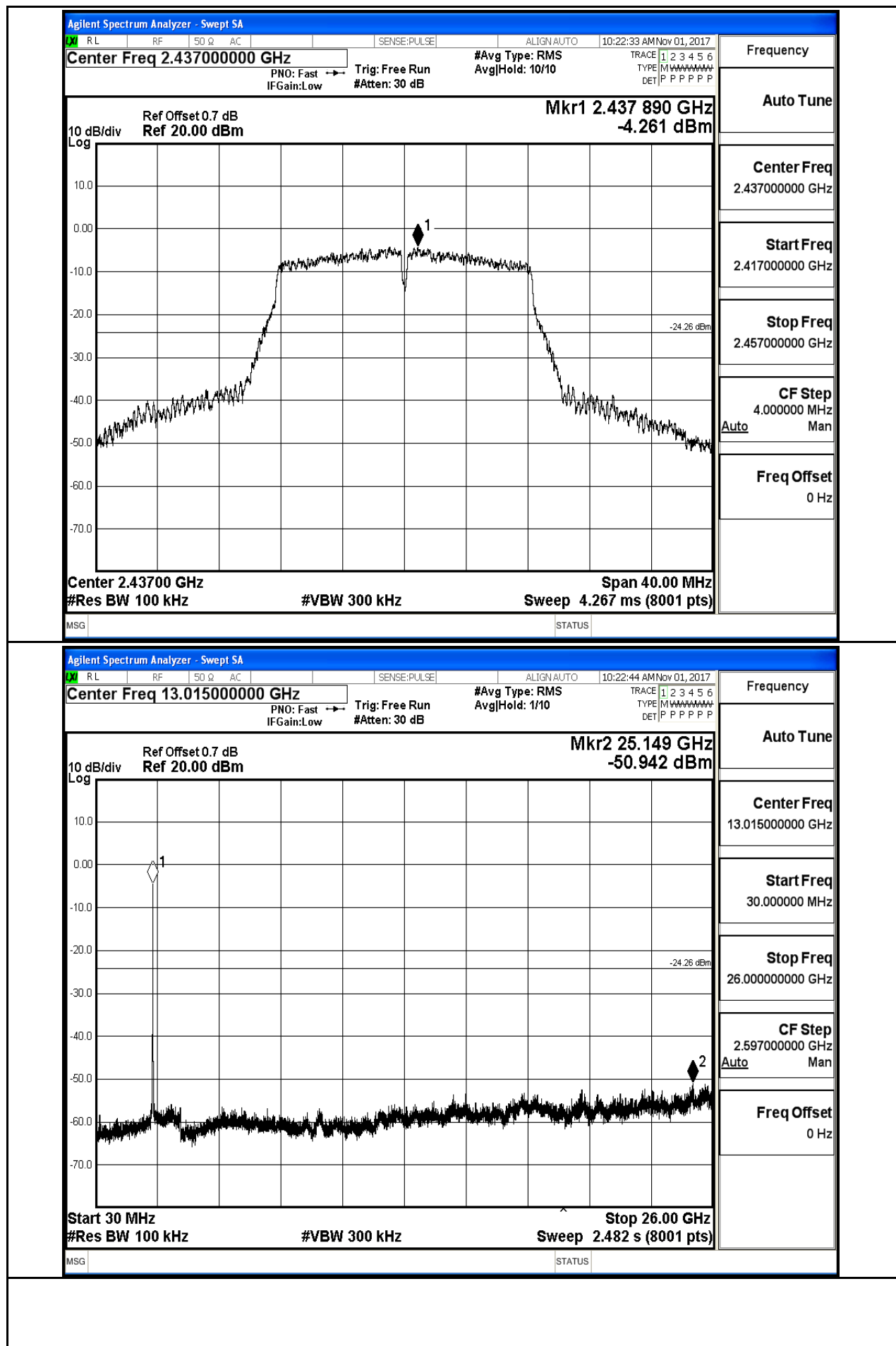
RF Conducted Spurious Emissions_11B_2462_Ant1



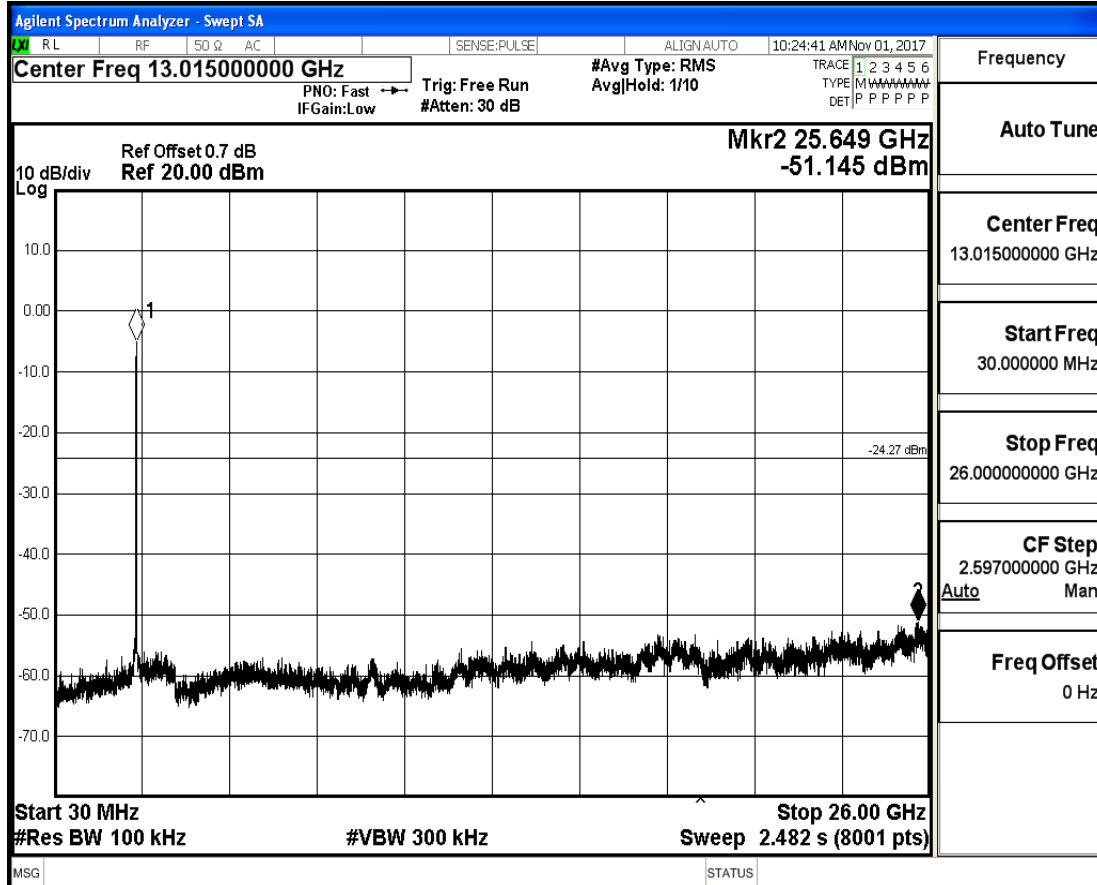
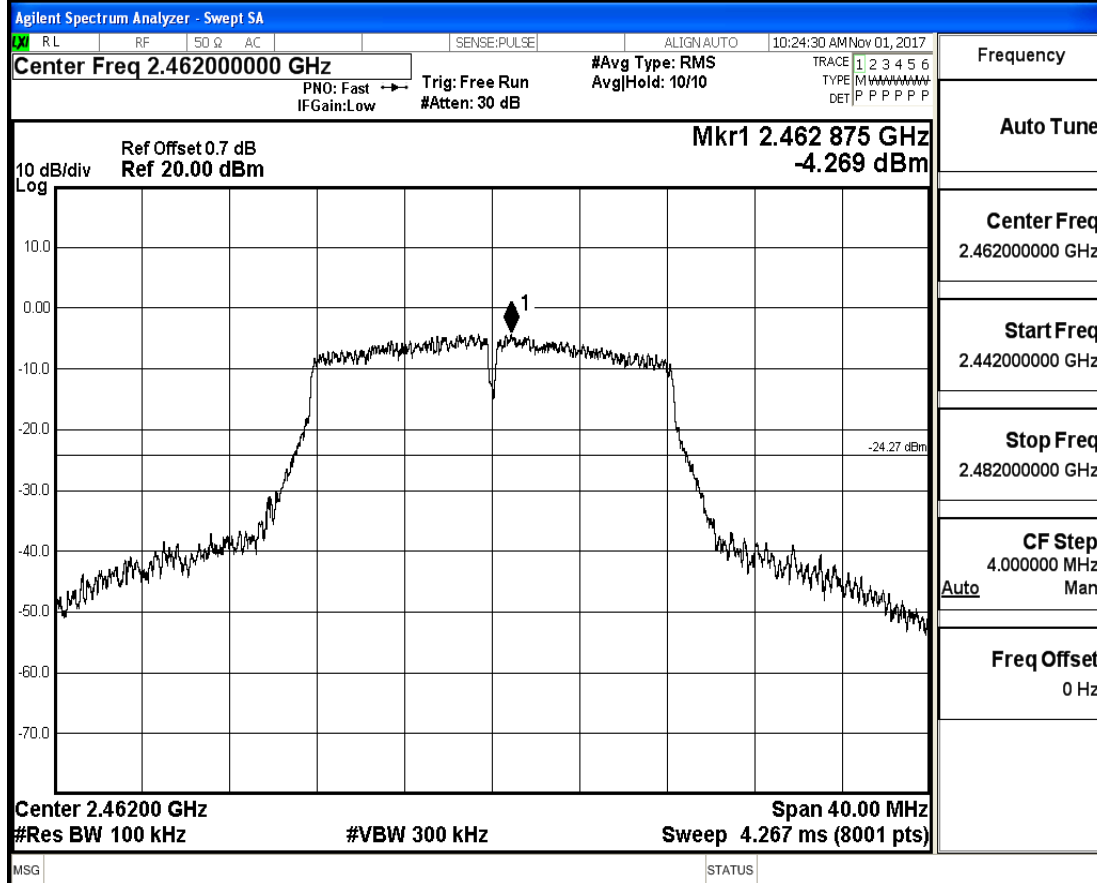
RF Conducted Spurious Emissions_11G_2412_Ant1



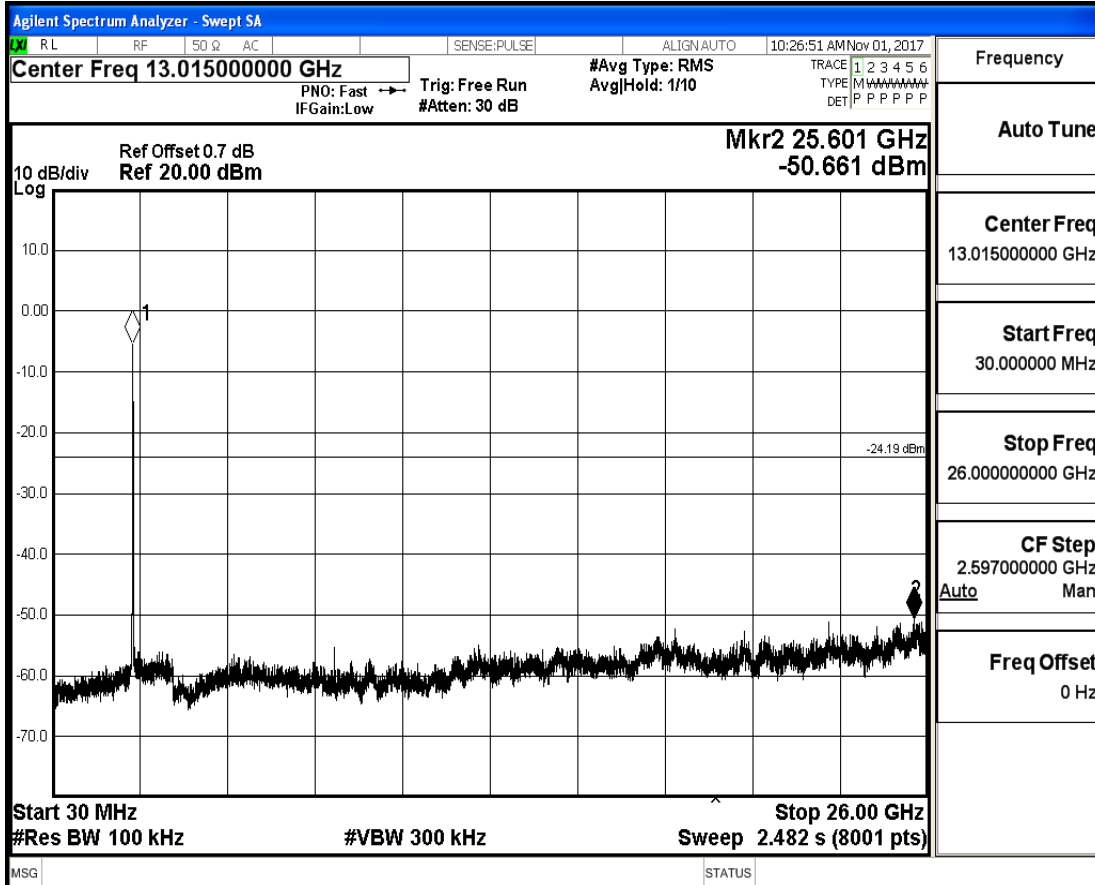
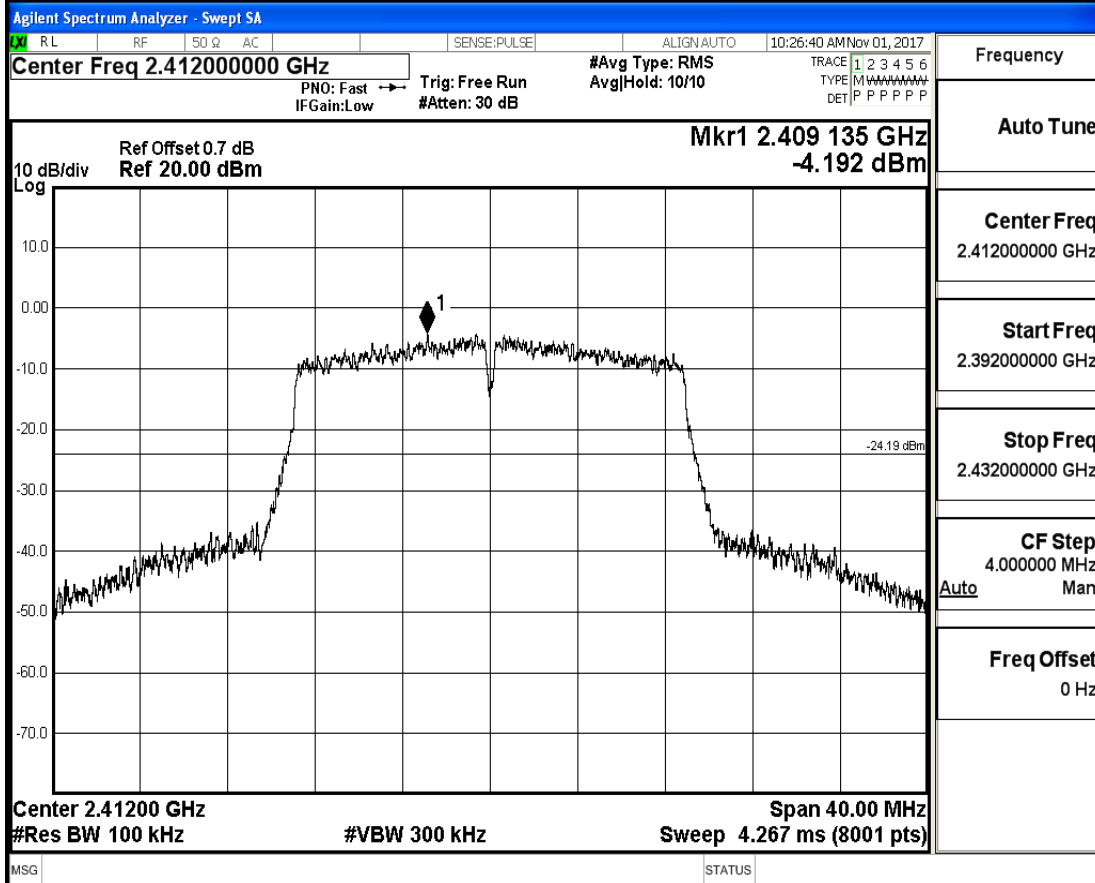
RF Conducted Spurious Emissions_11G_2437_Ant1



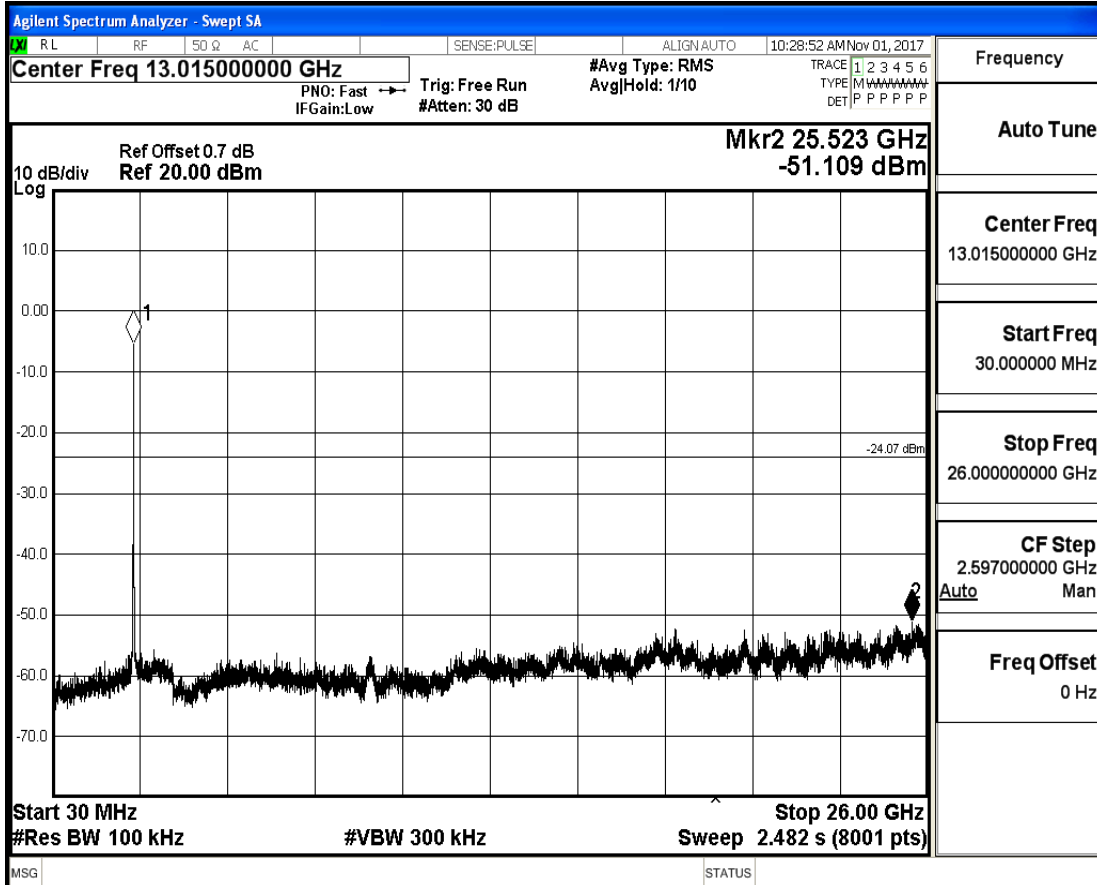
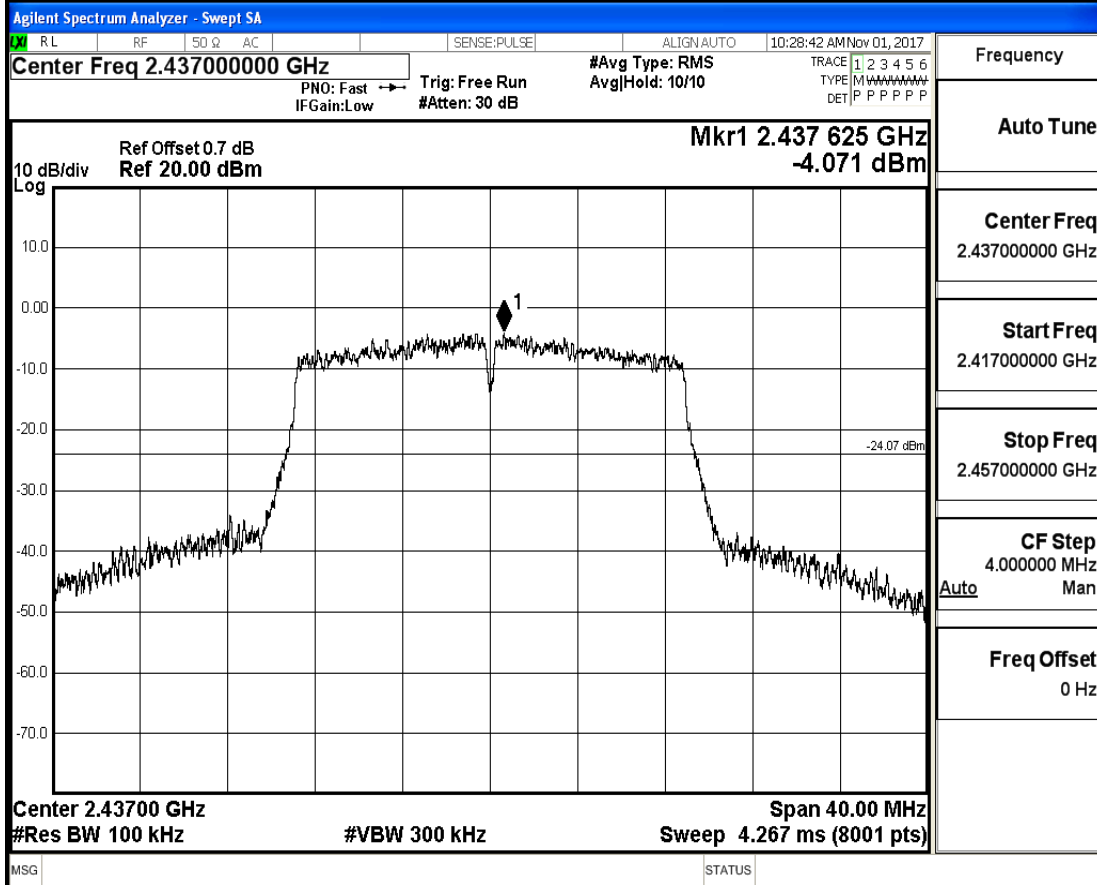
RF Conducted Spurious Emissions_11G_2462_Ant1



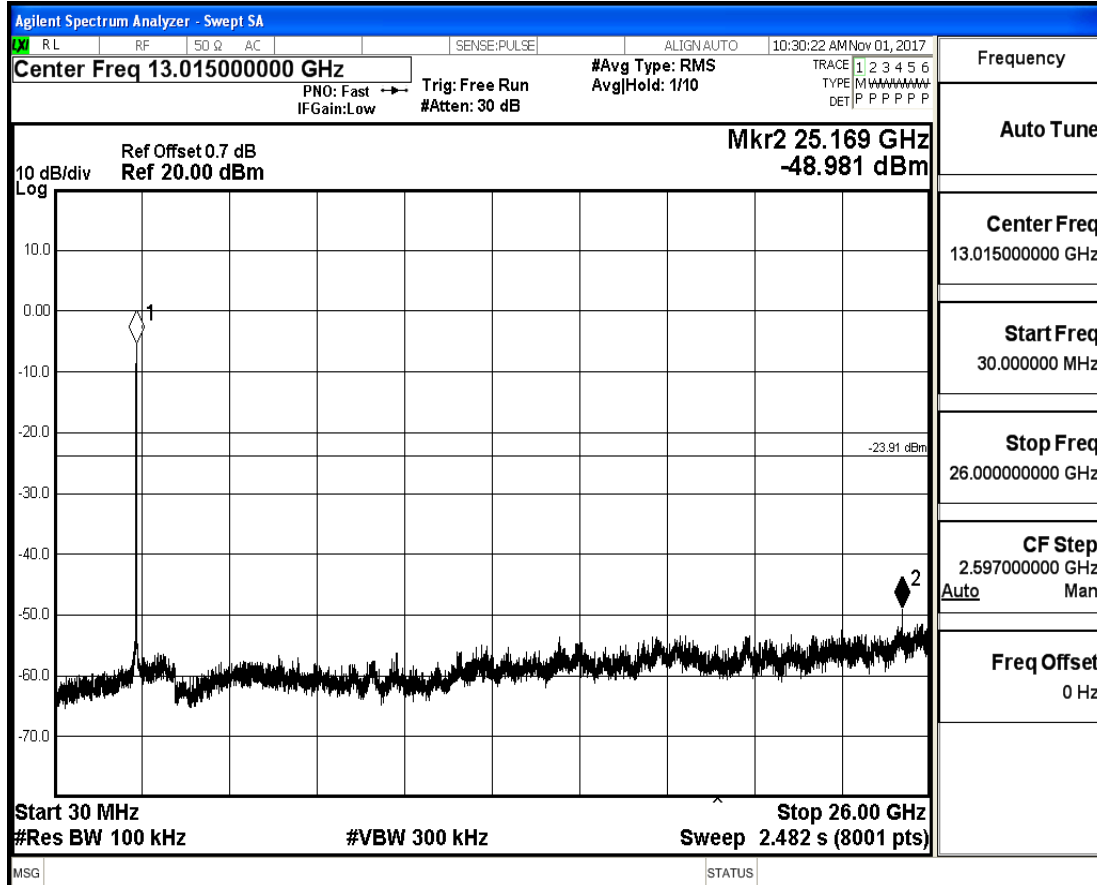
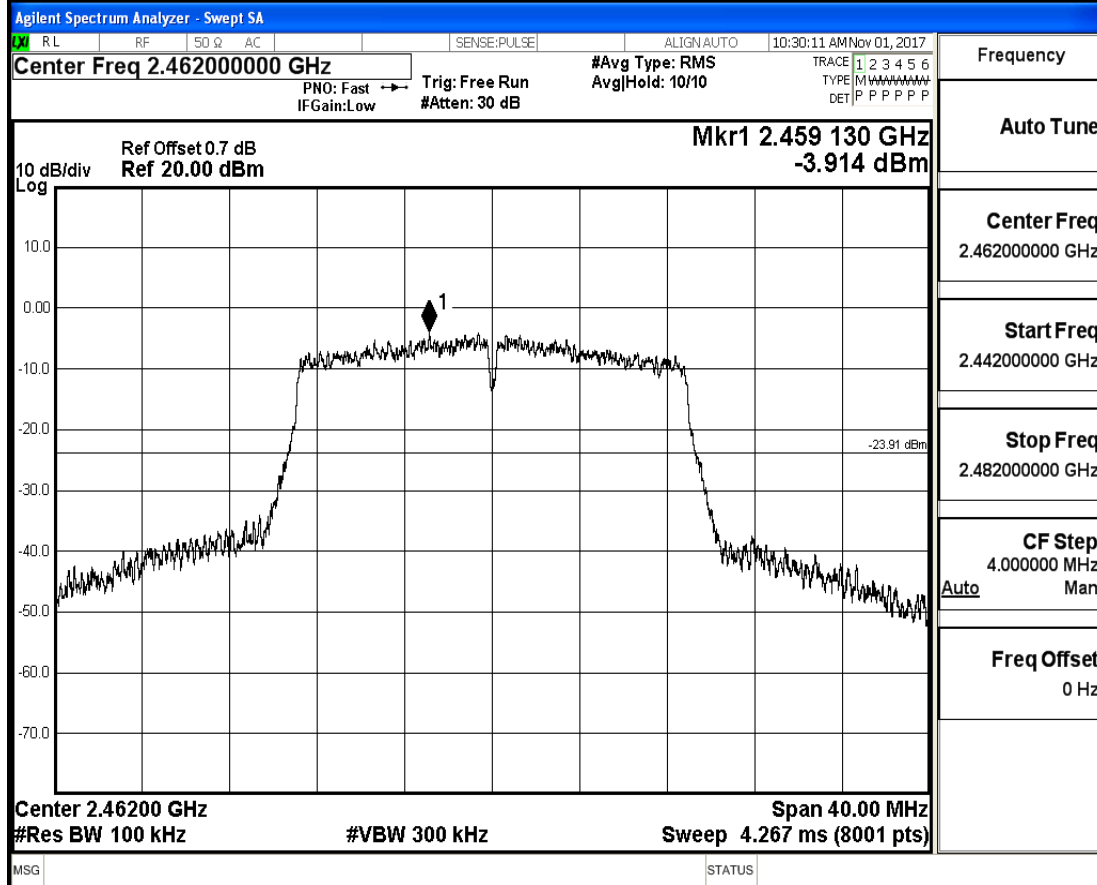
RF Conducted Spurious Emissions_11N20SISO_2412_Ant1



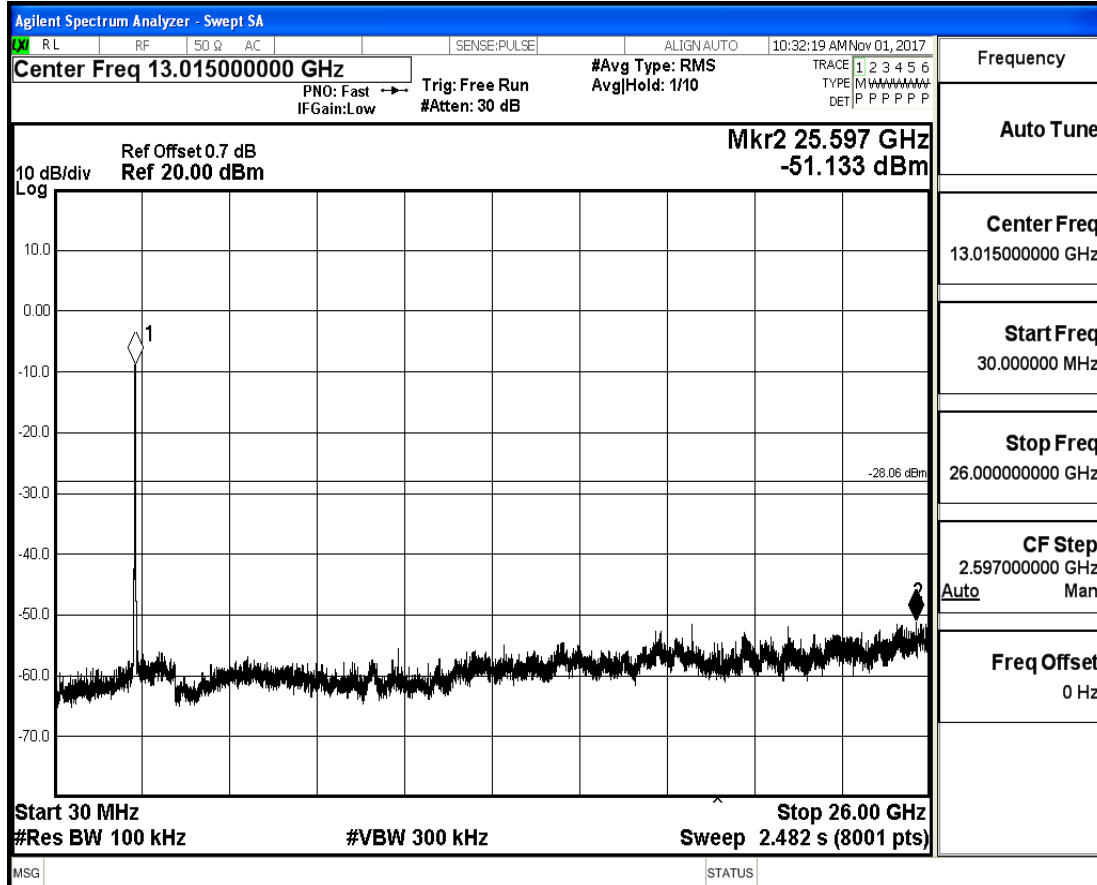
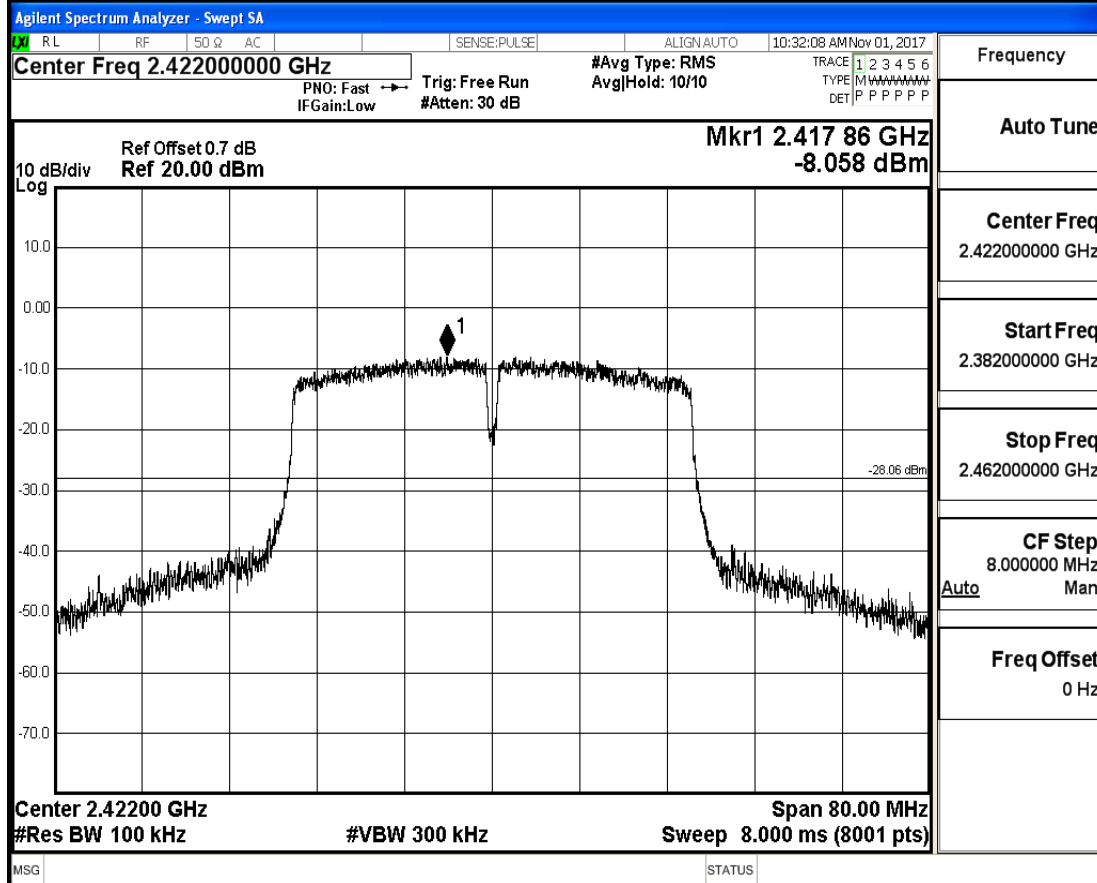
RF Conducted Spurious Emissions_11N20SISO_2437_Ant1



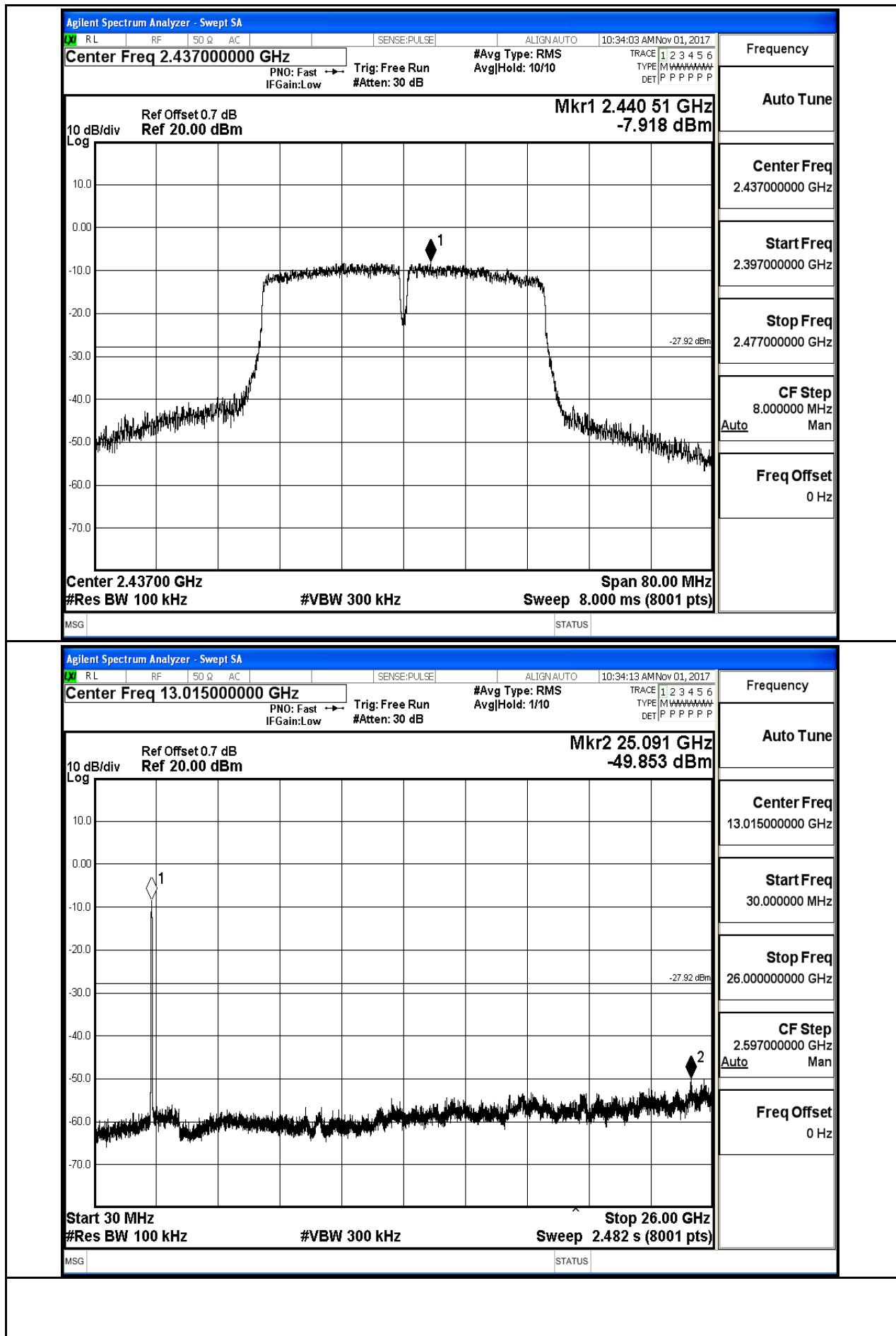
RF Conducted Spurious Emissions_11N20SISO_2462_Ant1



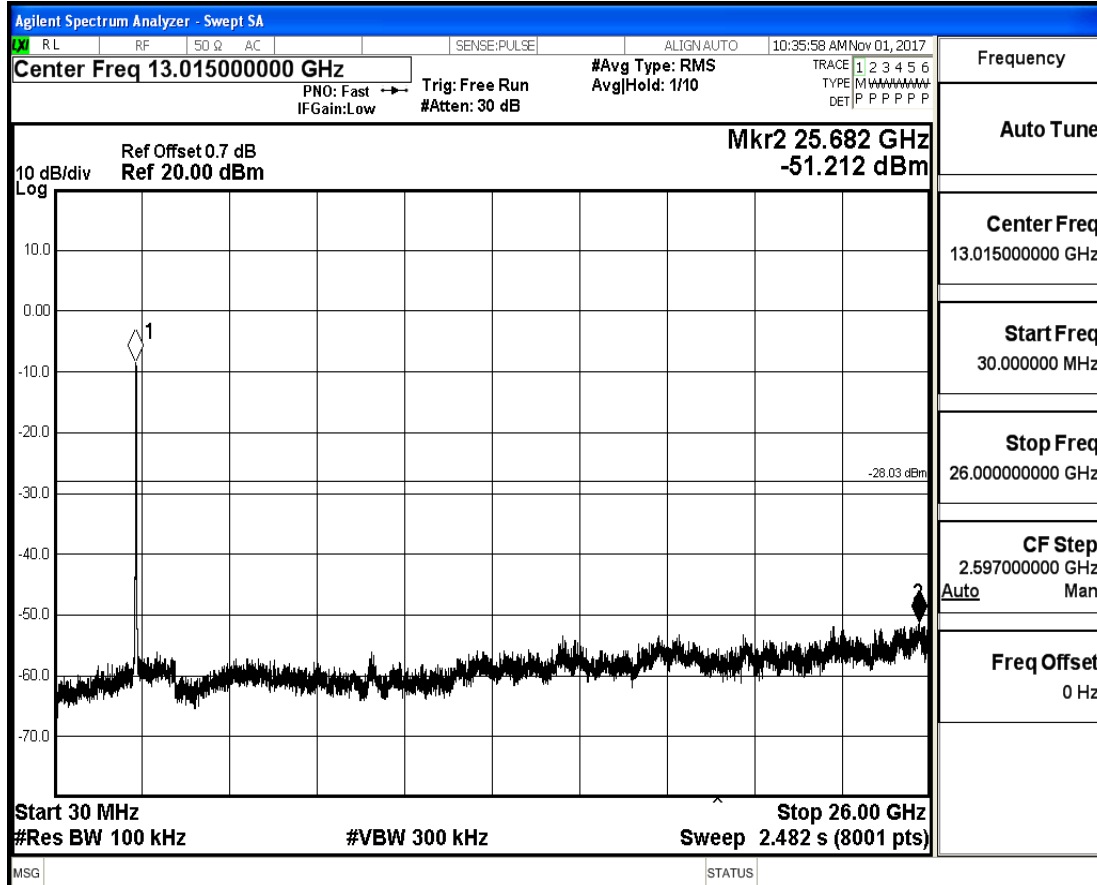
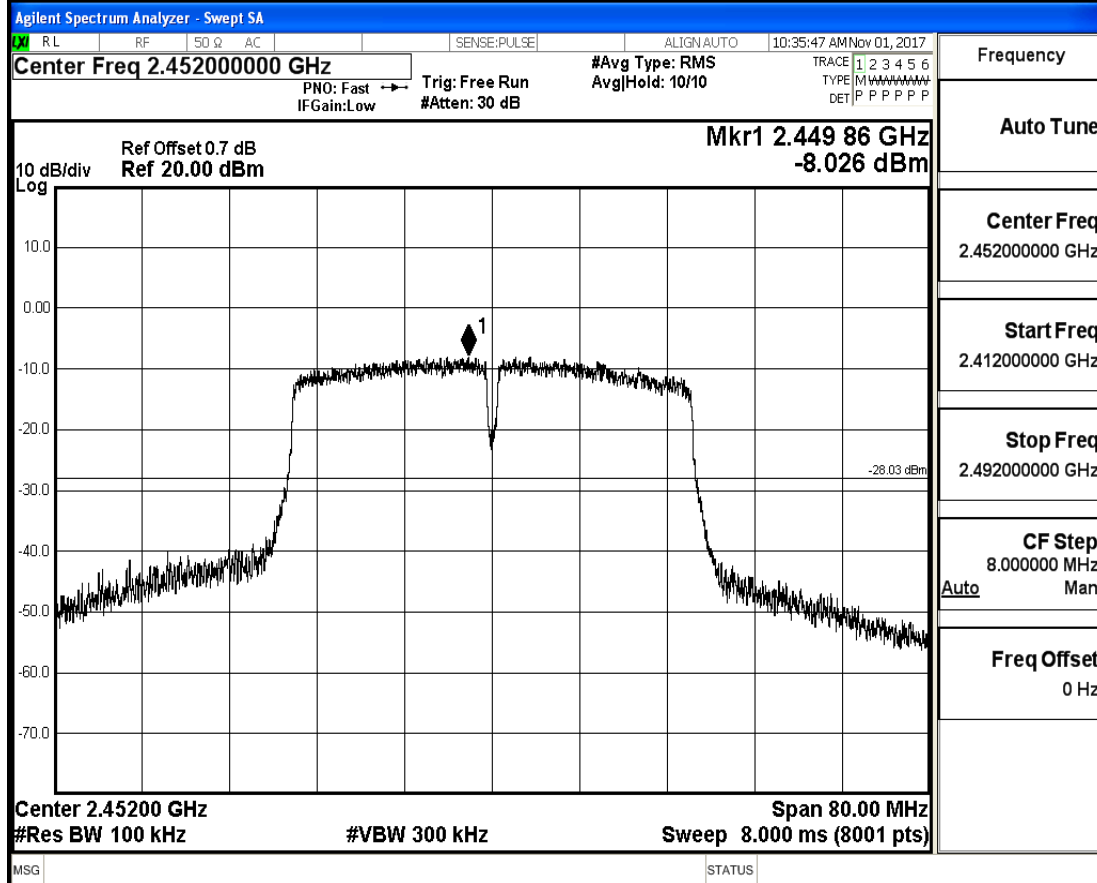
RF Conducted Spurious Emissions_11N40SISO_2422_Ant1



RF Conducted Spurious Emissions_11N40SISO_2437_Ant1



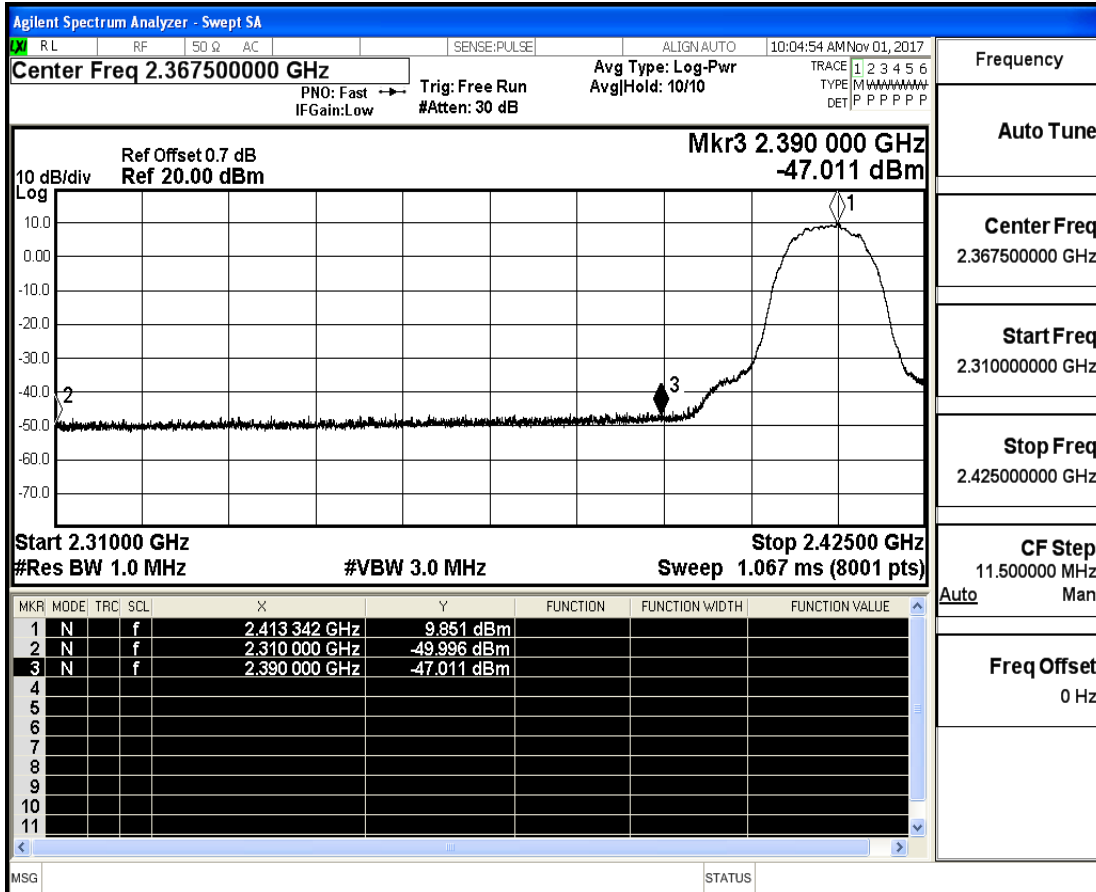
RF Conducted Spurious Emissions_11N40SISO_2452_Ant1



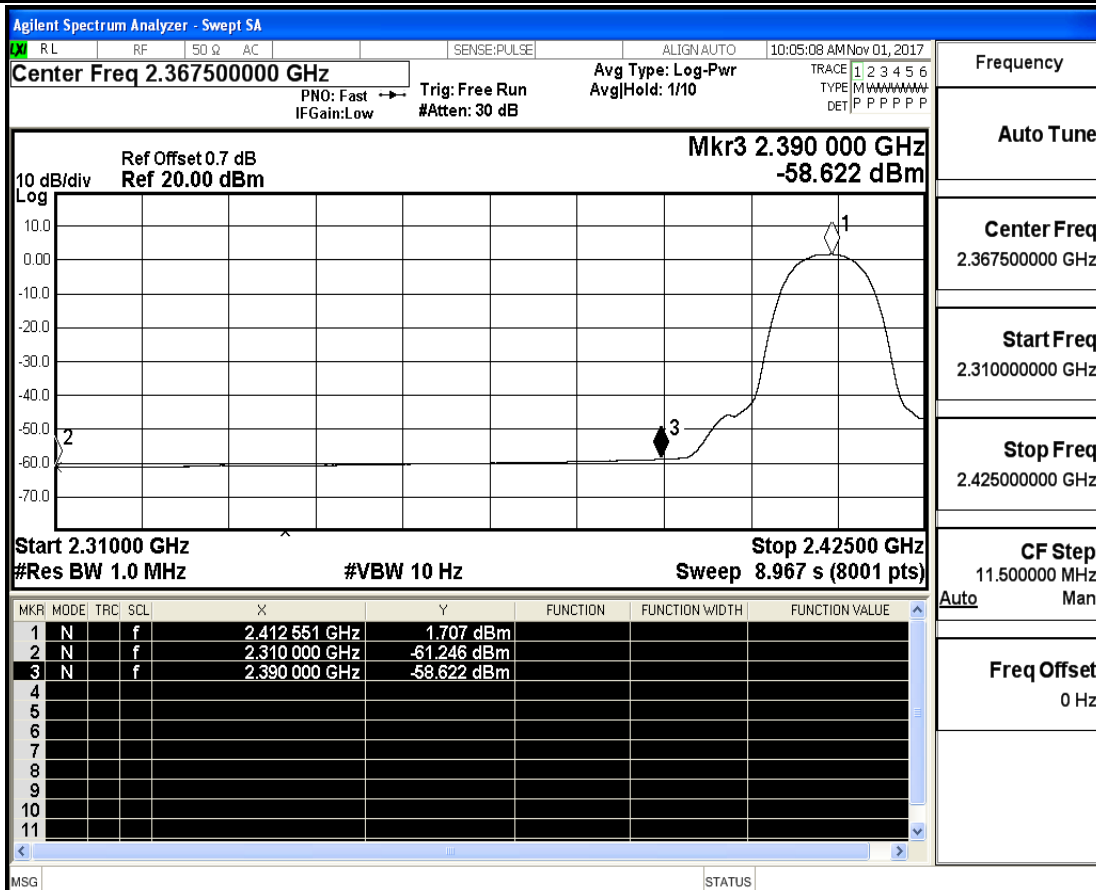
5.Restrict-band band-edge measurements

Test Mode	Test Channel	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
11B	2412	Ant1	2310.0	-50.00	0	0	45.26	PEAK	74	PASS
11B	2412	Ant1	2310.0	-61.25	0	0	34.01	AV	54	PASS
11B	2412	Ant1	2390.0	-47.01	0	0	48.25	PEAK	74	PASS
11B	2412	Ant1	2390.0	-58.62	0	0	36.64	AV	54	PASS
11B	2462	Ant1	2483.5	-48.85	0	0	46.41	PEAK	74	PASS
11B	2462	Ant1	2483.5	-59.05	0	0	36.21	AV	54	PASS
11B	2462	Ant1	2500.0	-48.95	0	0	46.31	PEAK	74	PASS
11B	2462	Ant1	2500.0	-59.70	0	0	35.56	AV	54	PASS
11G	2412	Ant1	2310.0	-50.38	0	0	44.88	PEAK	74	PASS
11G	2412	Ant1	2310.0	-60.99	0	0	34.27	AV	54	PASS
11G	2412	Ant1	2390.0	-39.38	0	0	55.88	PEAK	74	PASS
11G	2412	Ant1	2390.0	-53.54	0	0	41.71	AV	54	PASS
11G	2462	Ant1	2483.5	-41.25	0	0	54.00	PEAK	74	PASS
11G	2462	Ant1	2483.5	-54.38	0	0	40.88	AV	54	PASS
11G	2462	Ant1	2500.0	-46.22	0	0	49.04	PEAK	74	PASS
11G	2462	Ant1	2500.0	-58.08	0	0	37.18	AV	54	PASS
11N20SISO	2412	Ant1	2310.0	-51.15	0	0	44.11	PEAK	74	PASS
11N20SISO	2412	Ant1	2310.0	-61.03	0	0	34.22	AV	54	PASS
11N20SISO	2412	Ant1	2390.0	-36.00	0	0	59.26	PEAK	74	PASS
11N20SISO	2412	Ant1	2390.0	-52.93	0	0	42.33	AV	54	PASS
11N20SISO	2462	Ant1	2483.5	-38.60	0	0	56.66	PEAK	74	PASS
11N20SISO	2462	Ant1	2483.5	-53.55	0	0	41.70	AV	54	PASS
11N20SISO	2462	Ant1	2500.0	-47.81	0	0	47.45	PEAK	74	PASS
11N20SISO	2462	Ant1	2500.0	-58.10	0	0	37.15	AV	54	PASS
11N40SISO	2422	Ant1	2310.0	-50.69	0	0	44.56	PEAK	74	PASS
11N40SISO	2422	Ant1	2310.0	-61.06	0	0	34.20	AV	54	PASS
11N40SISO	2422	Ant1	2390.0	-34.21	0	0	61.05	PEAK	74	PASS
11N40SISO	2422	Ant1	2390.0	-47.65	0	0	47.61	AV	54	PASS
11N40SISO	2452	Ant1	2483.5	-37.90	0	0	57.36	PEAK	74	PASS
11N40SISO	2452	Ant1	2483.5	-51.17	0	0	44.08	AV	54	PASS
11N40SISO	2452	Ant1	2500.0	-47.14	0	0	48.12	PEAK	74	PASS
11N40SISO	2452	Ant1	2500.0	-58.02	0	0	37.24	AV	54	PASS

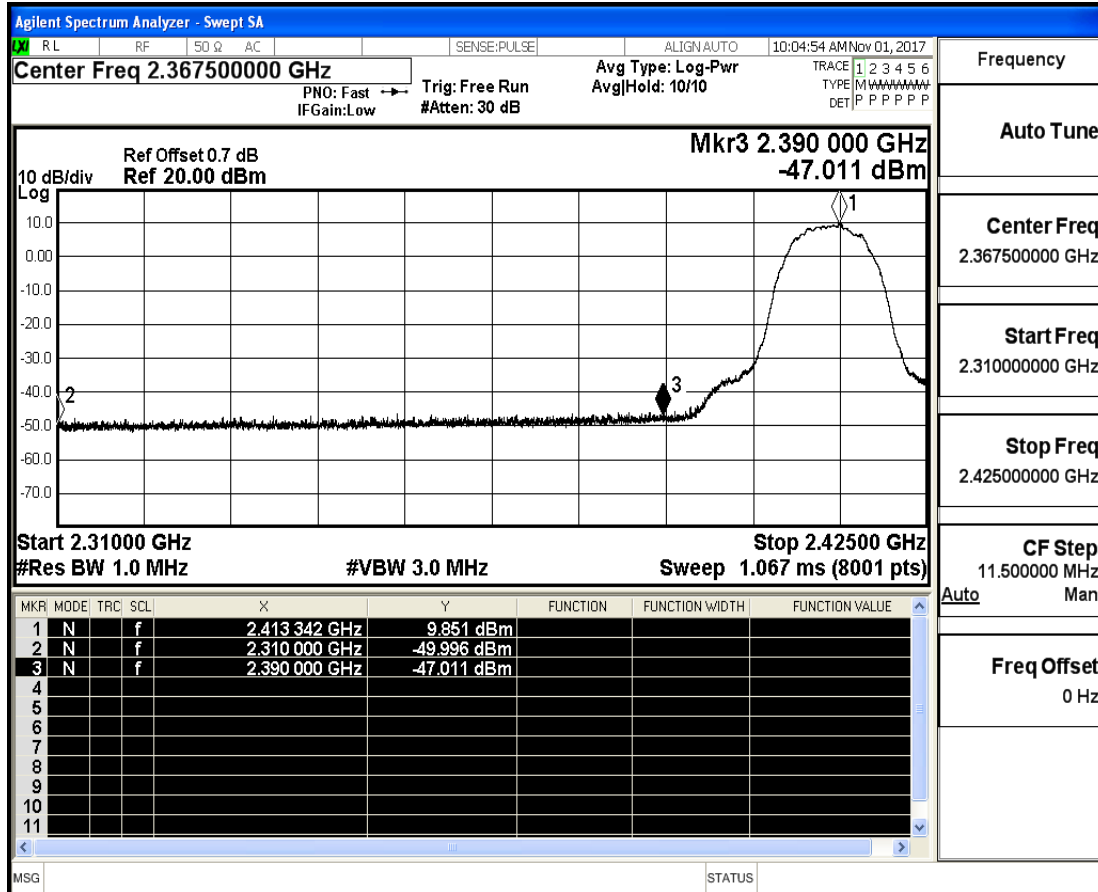
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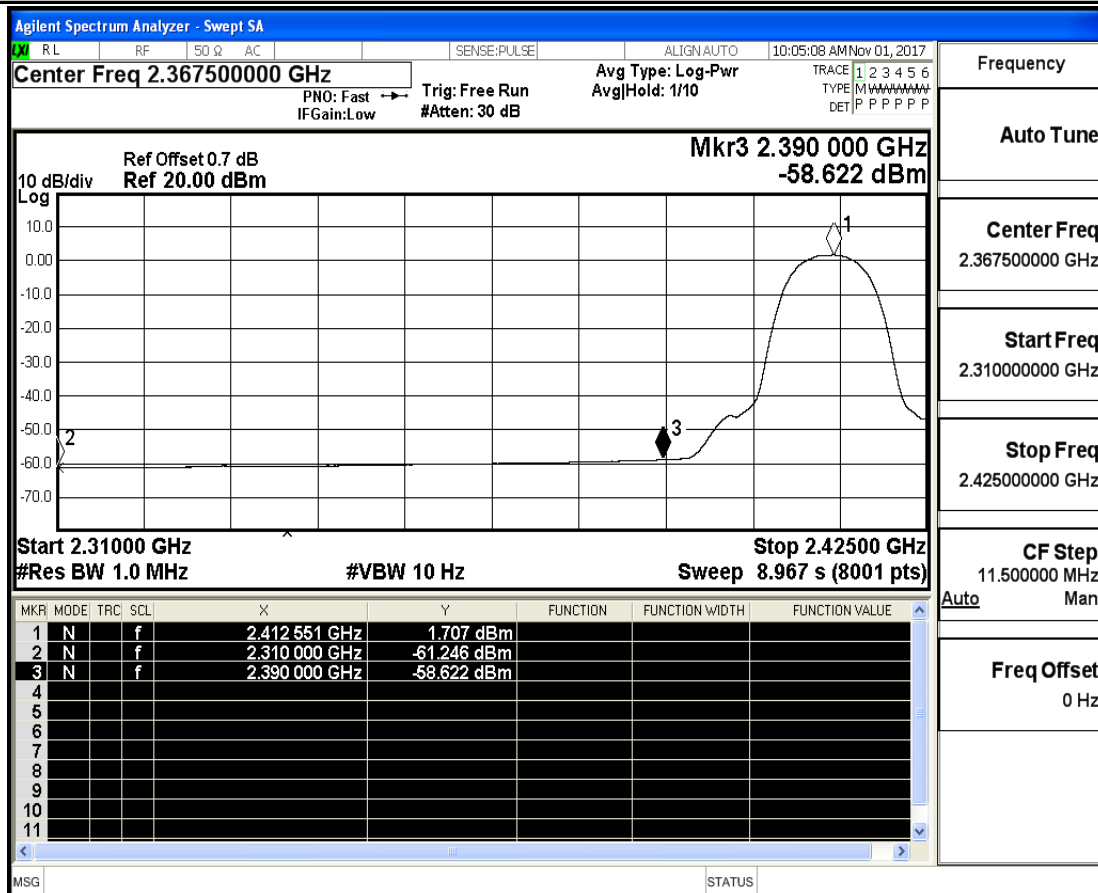
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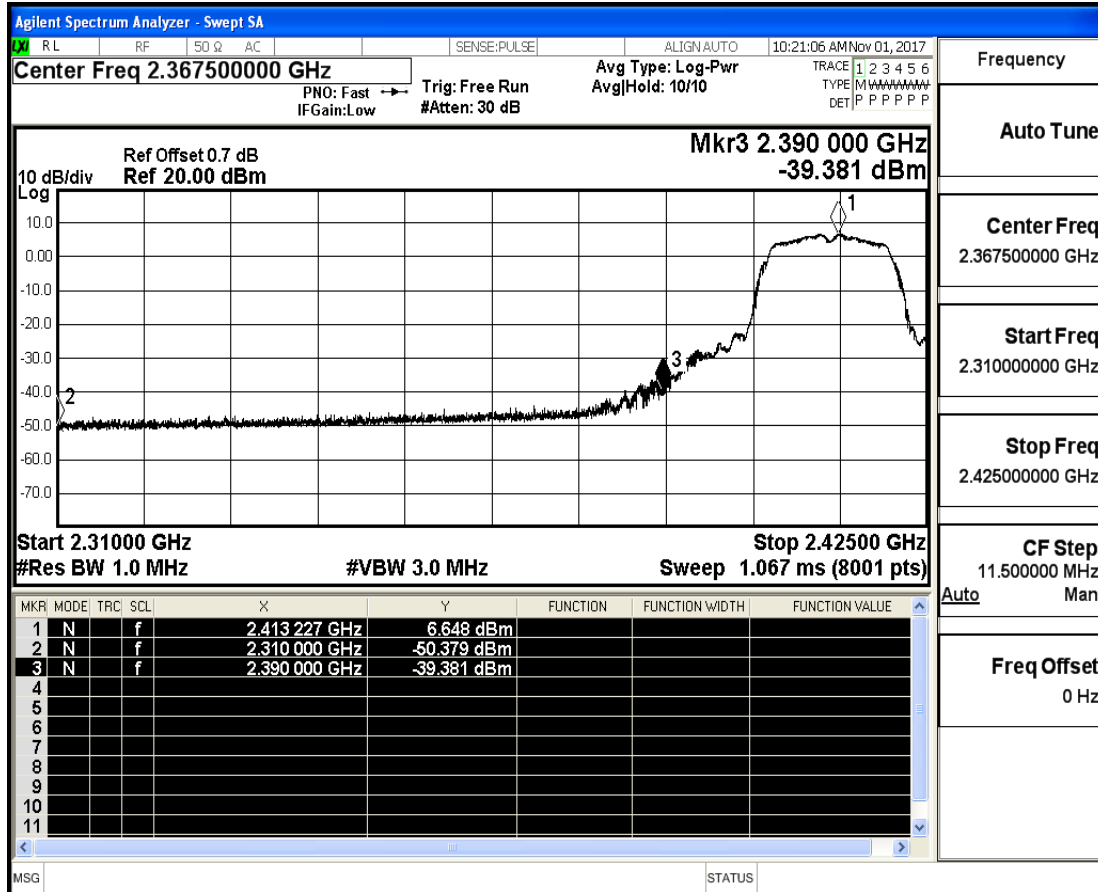
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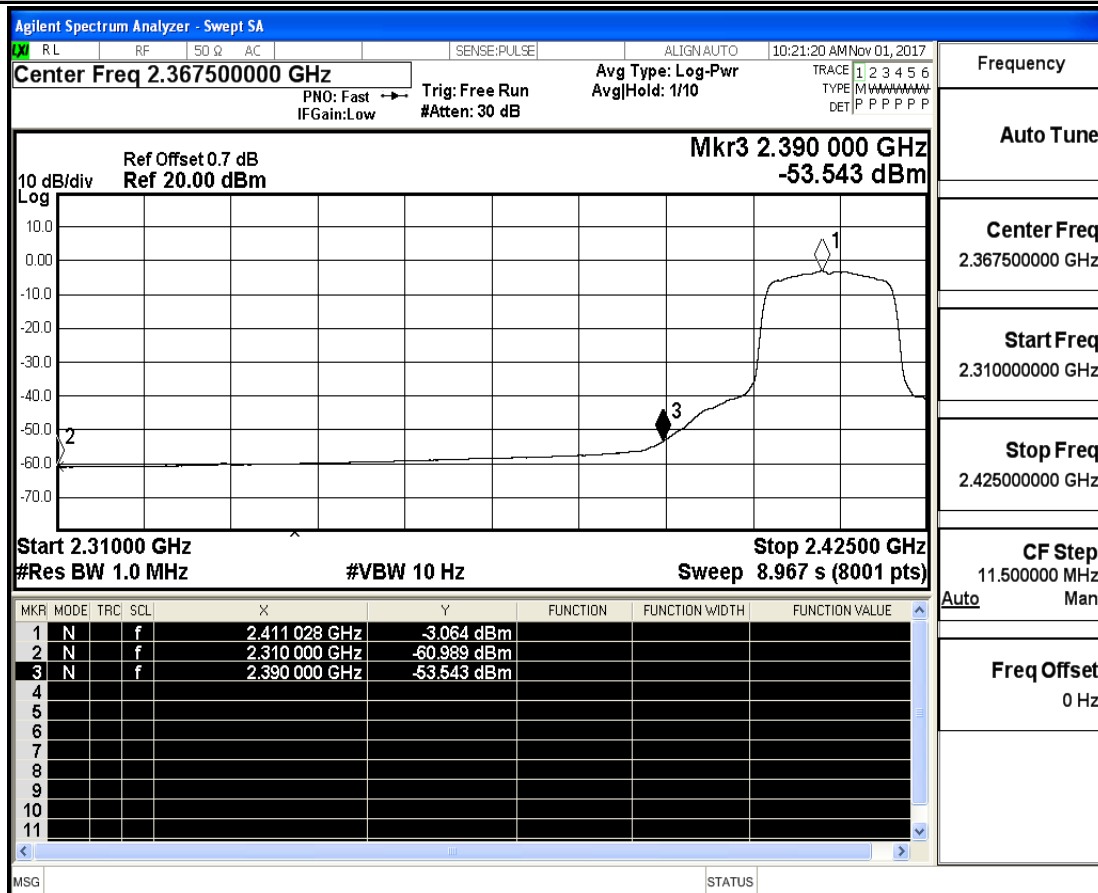
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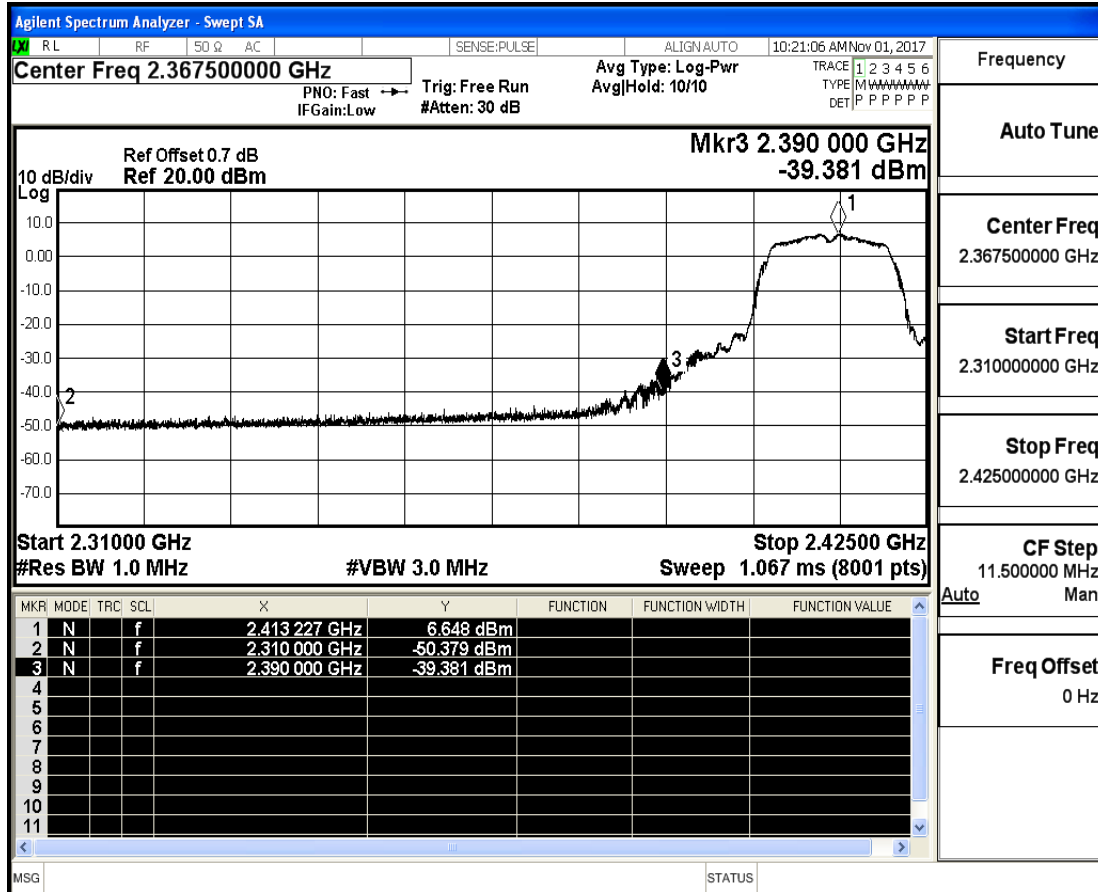
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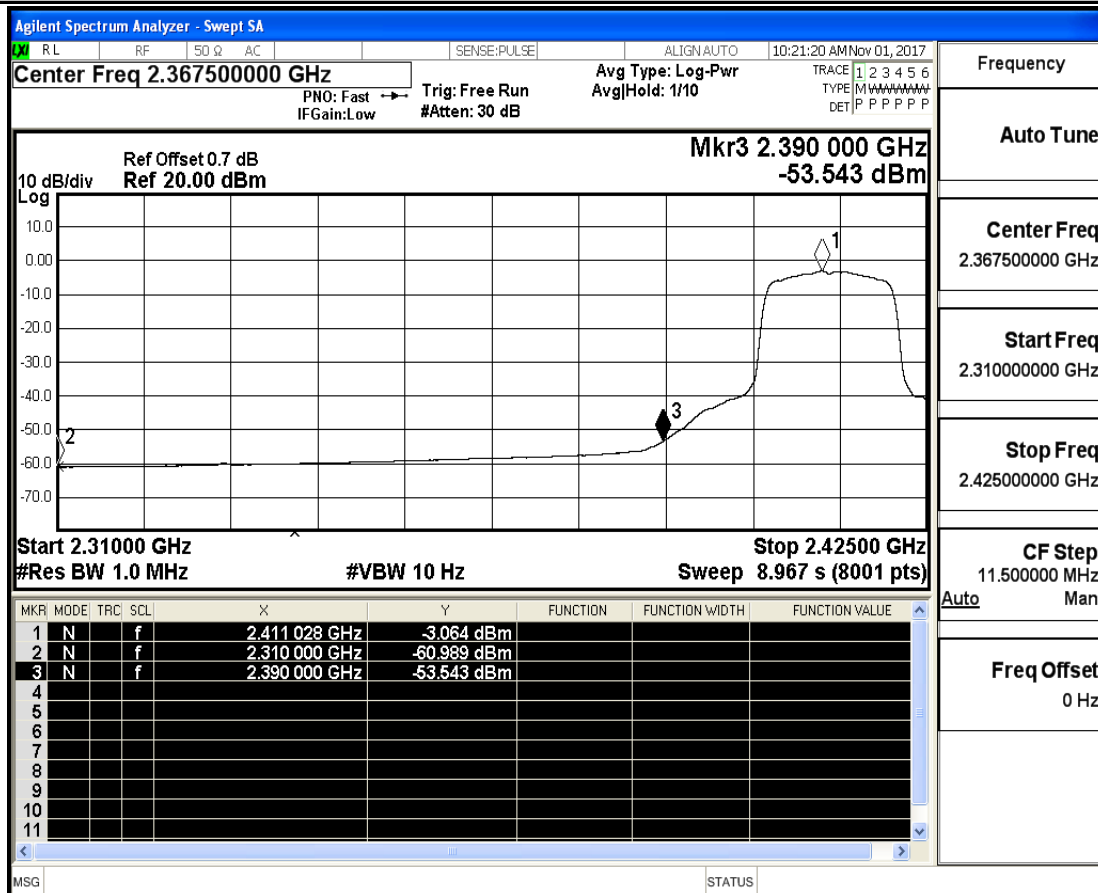
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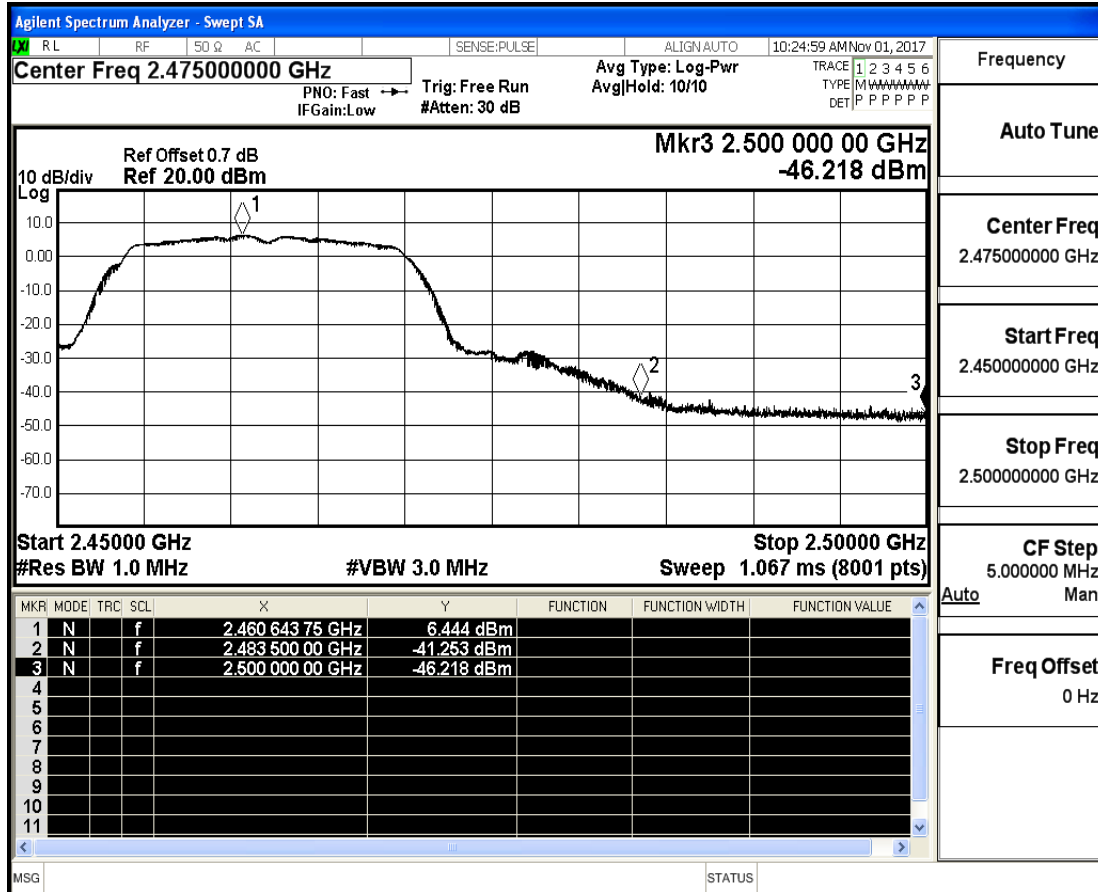
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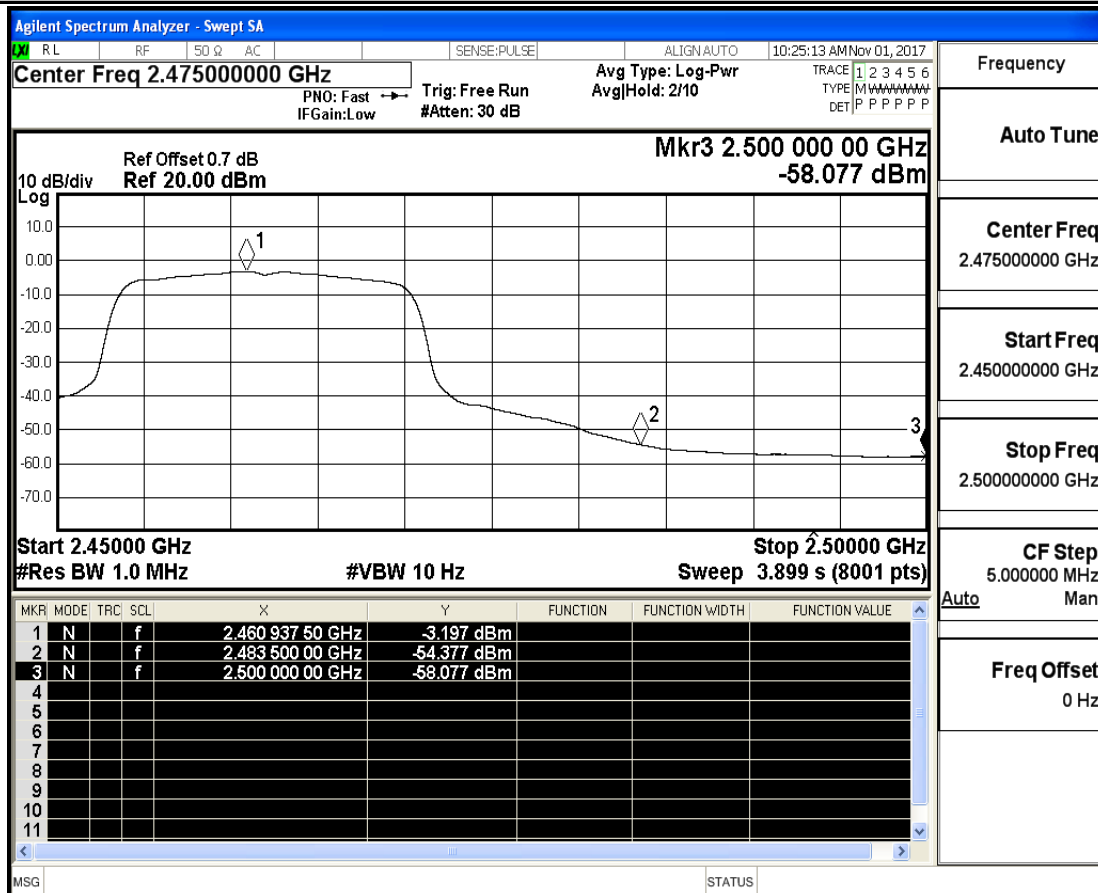
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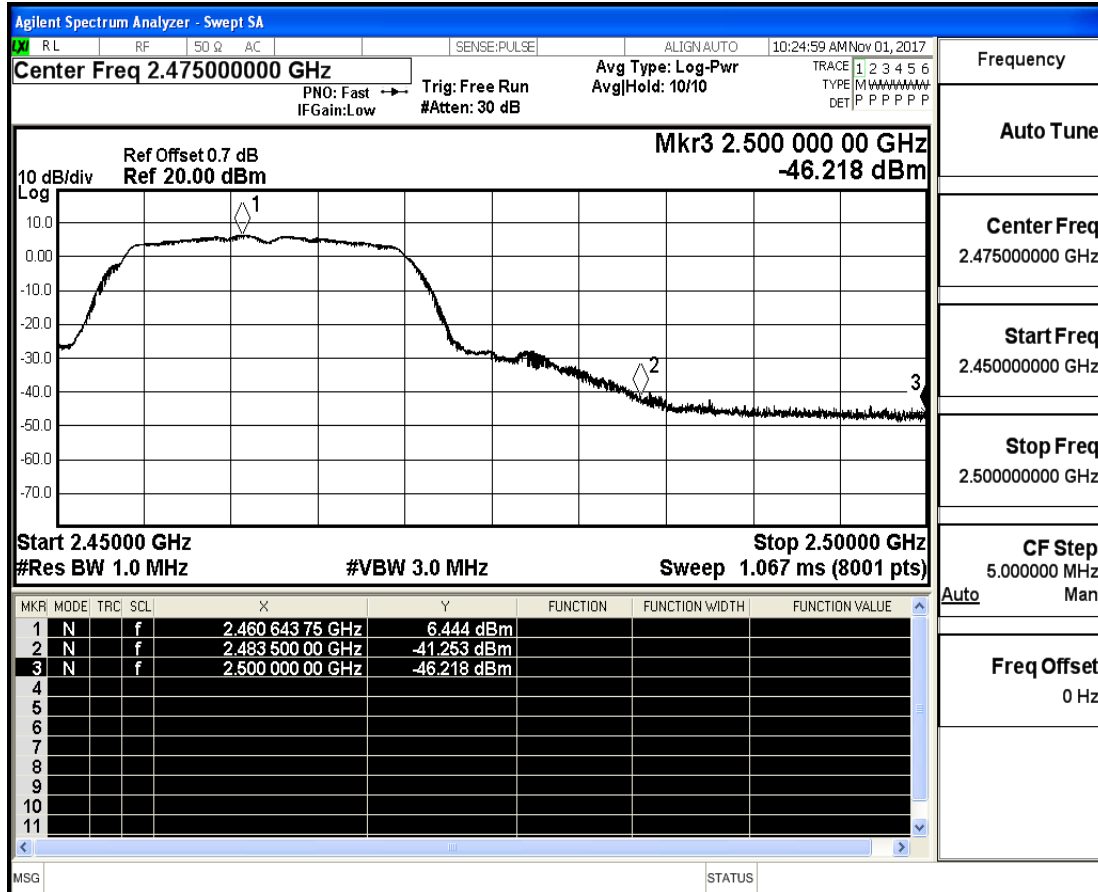
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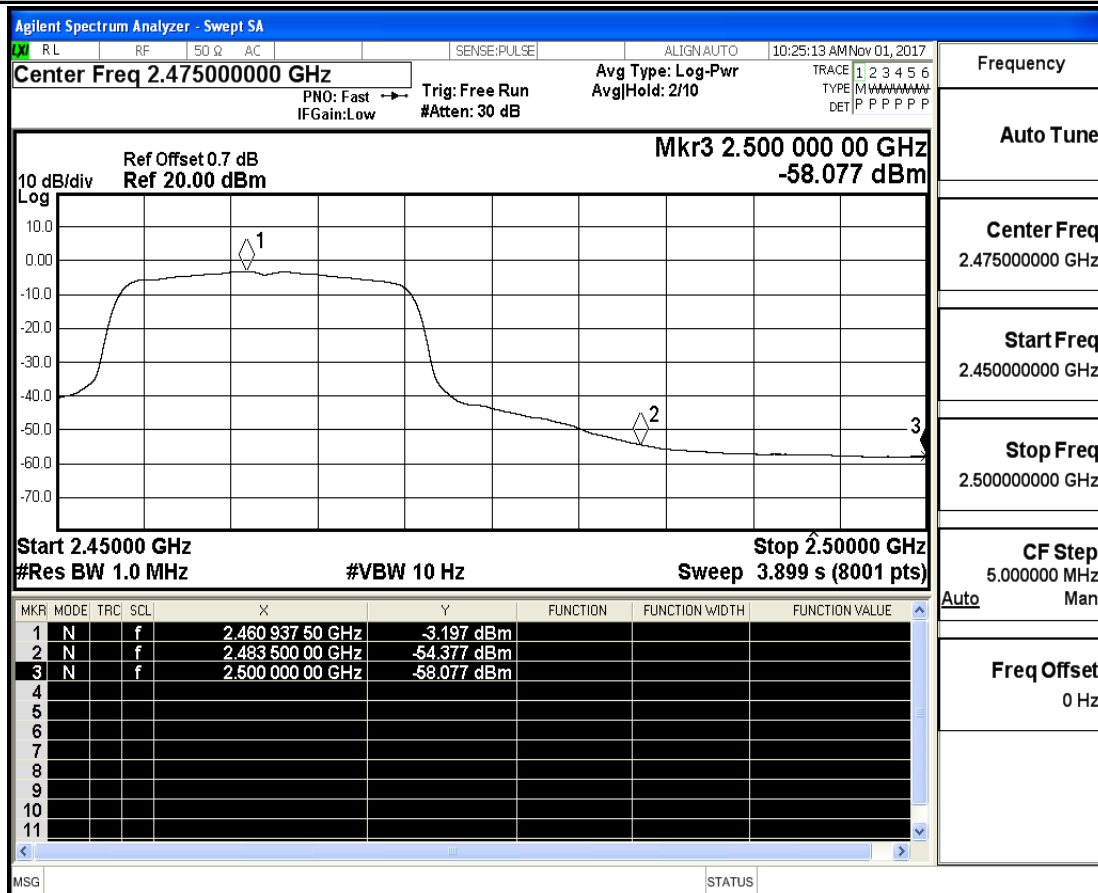
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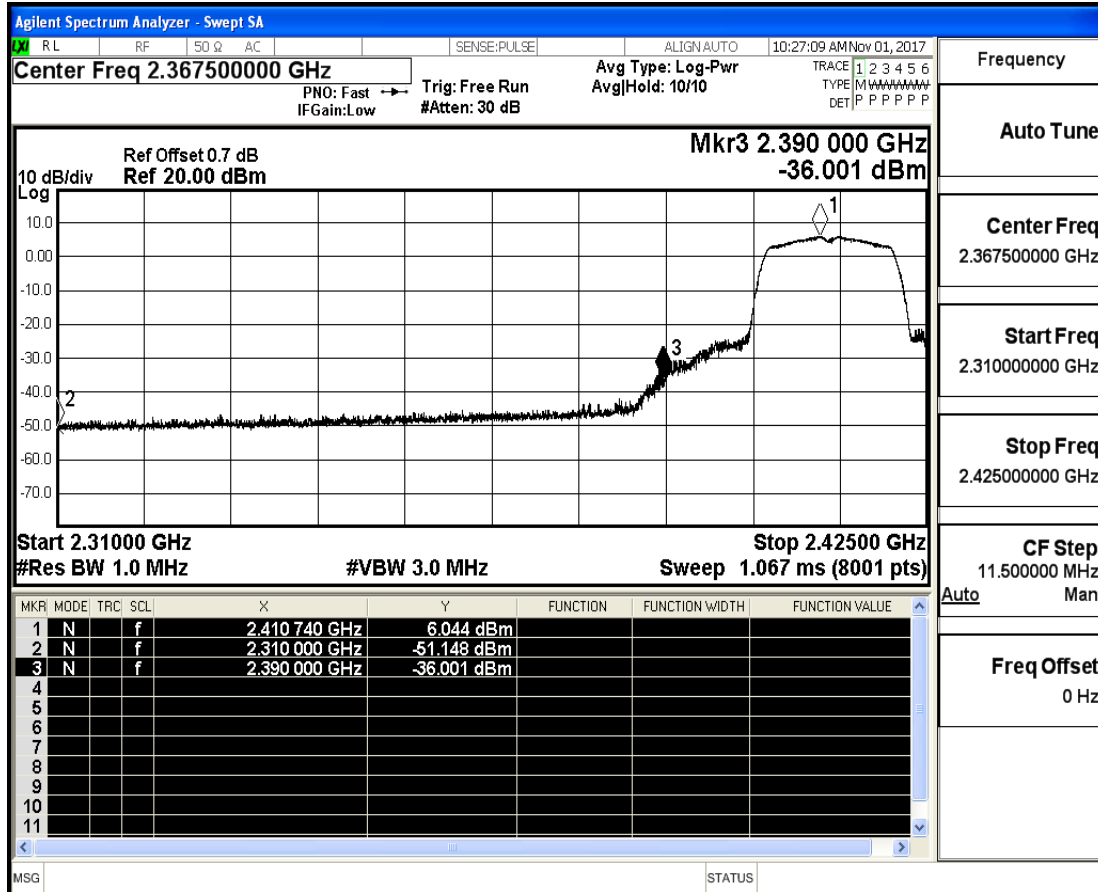
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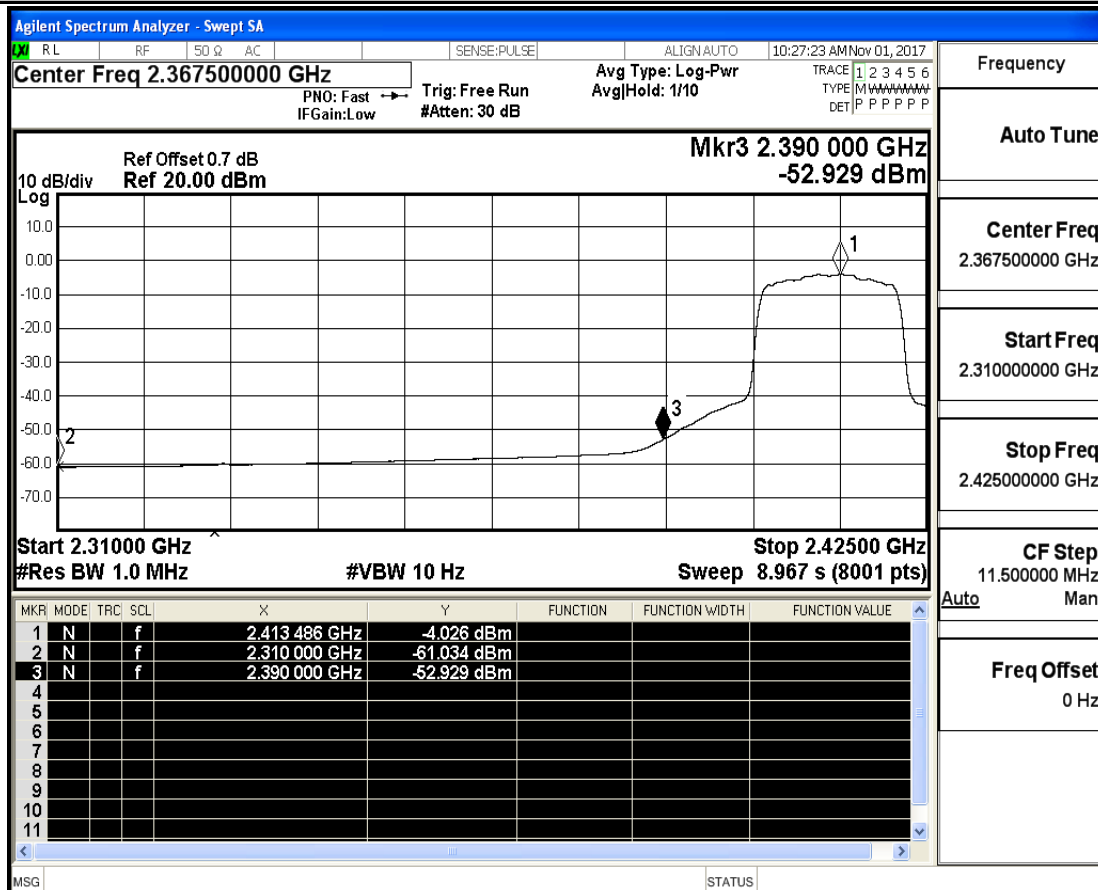
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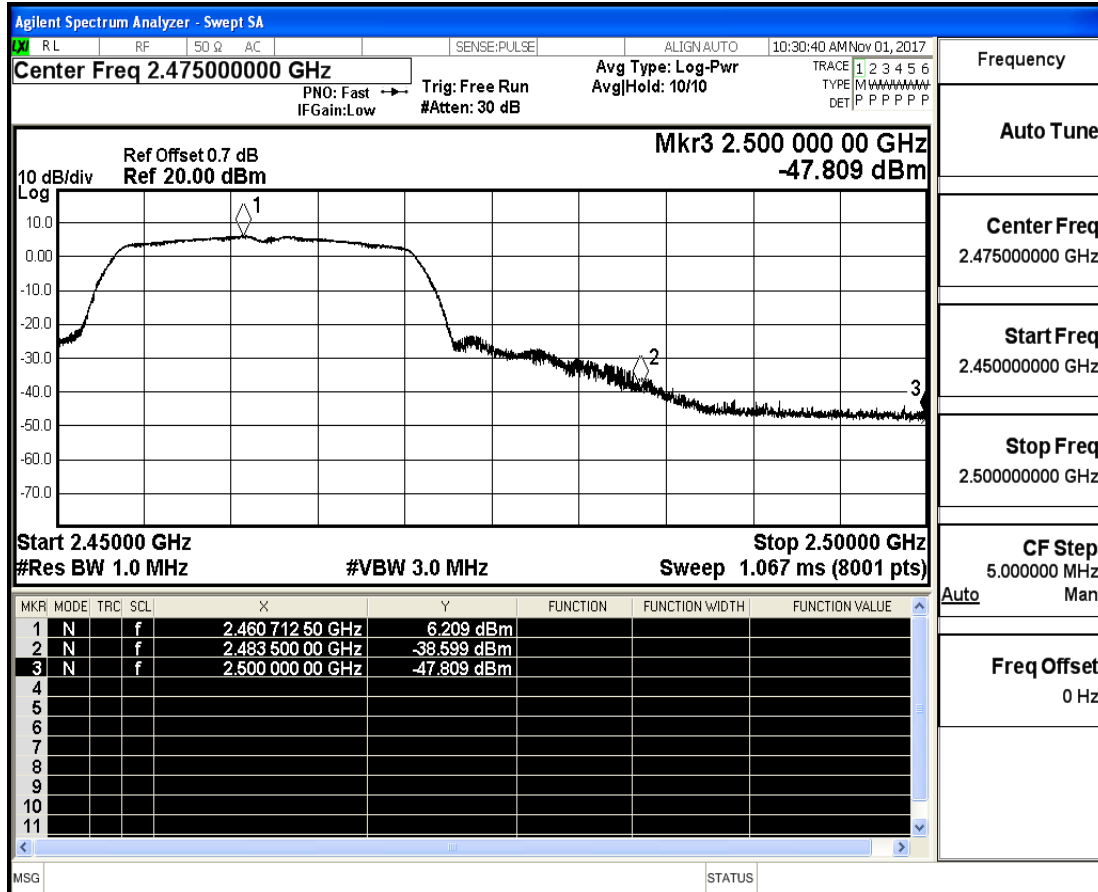
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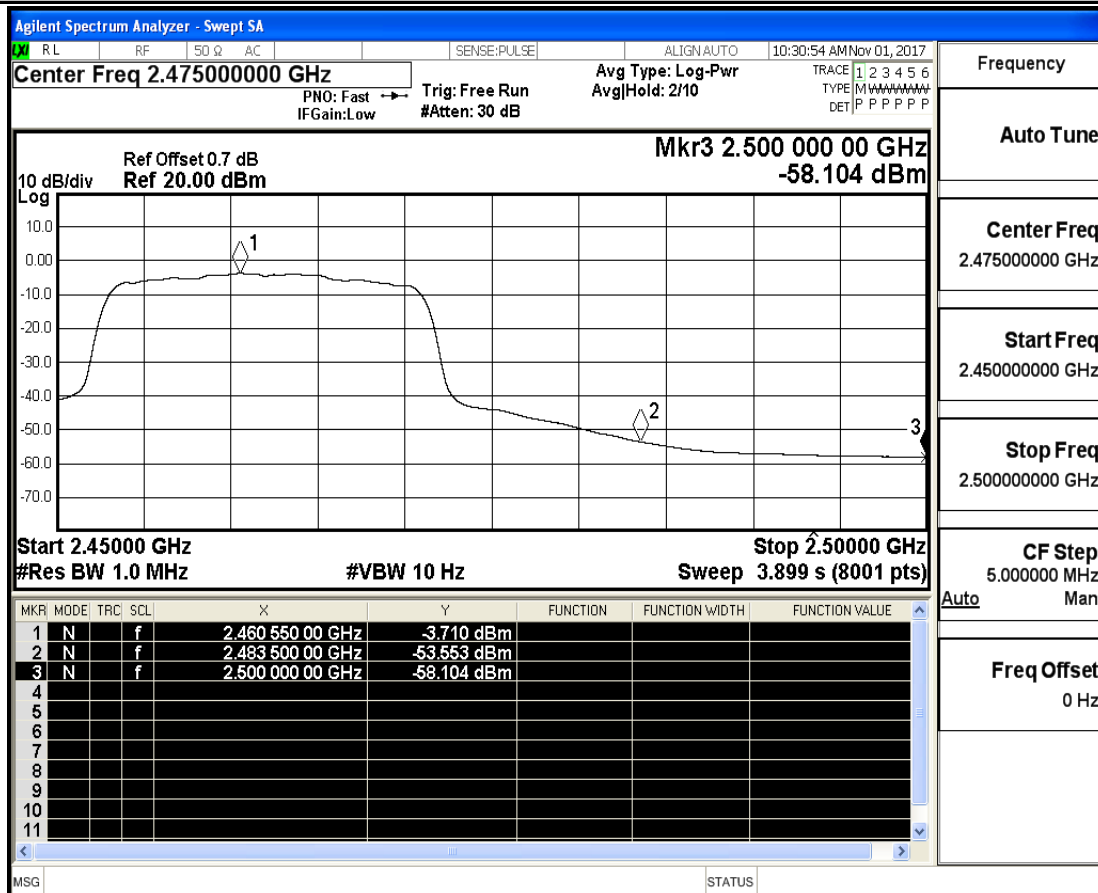
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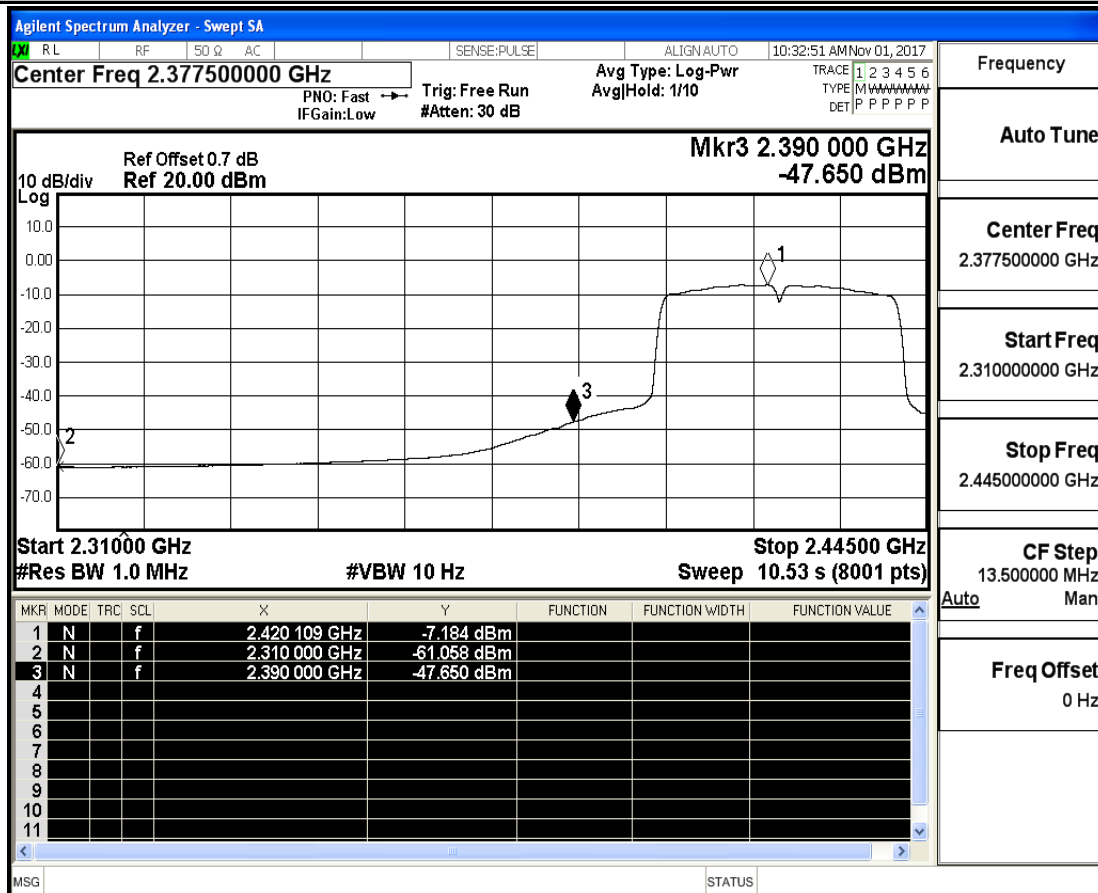
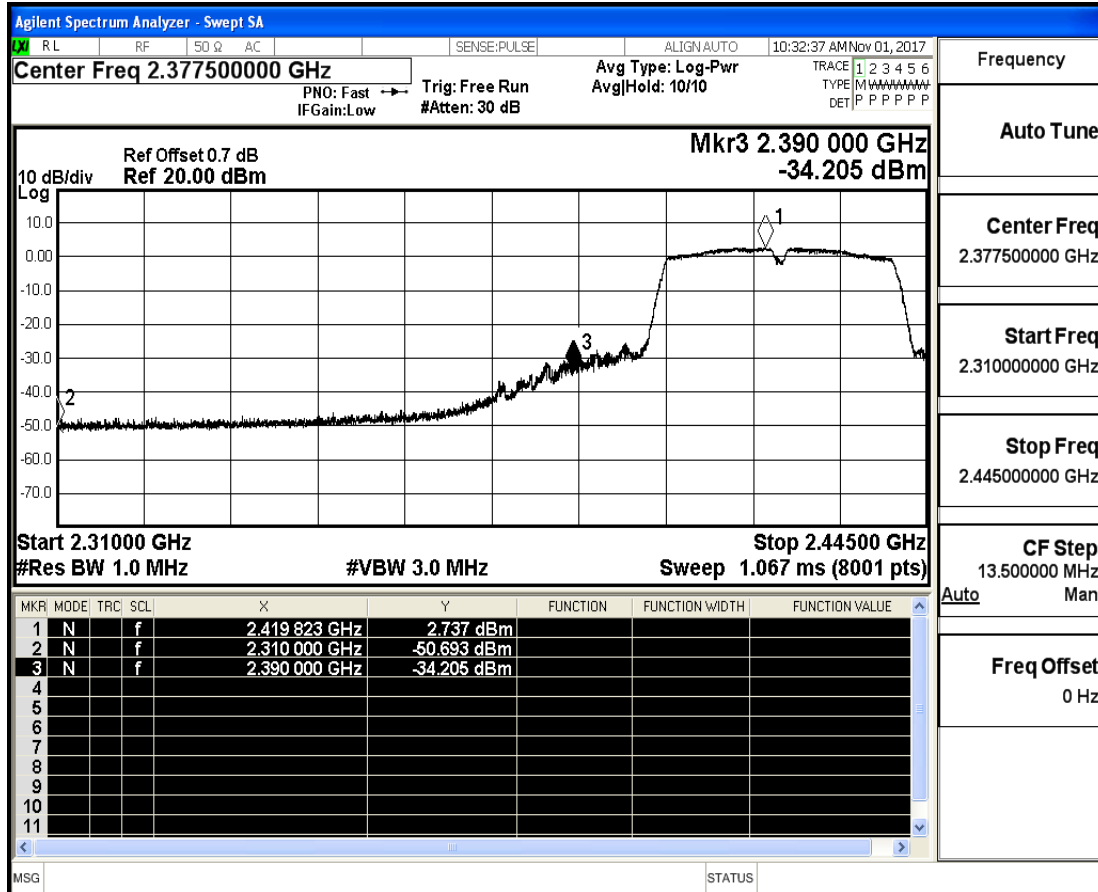


Restrict-band band-edge measurements_11N20SISO_2462_Ant1_PEAK



Restrict-band band-edge measurements_11N20SISO_2462_Ant1_AV





6. On Time and Duty Cycle

