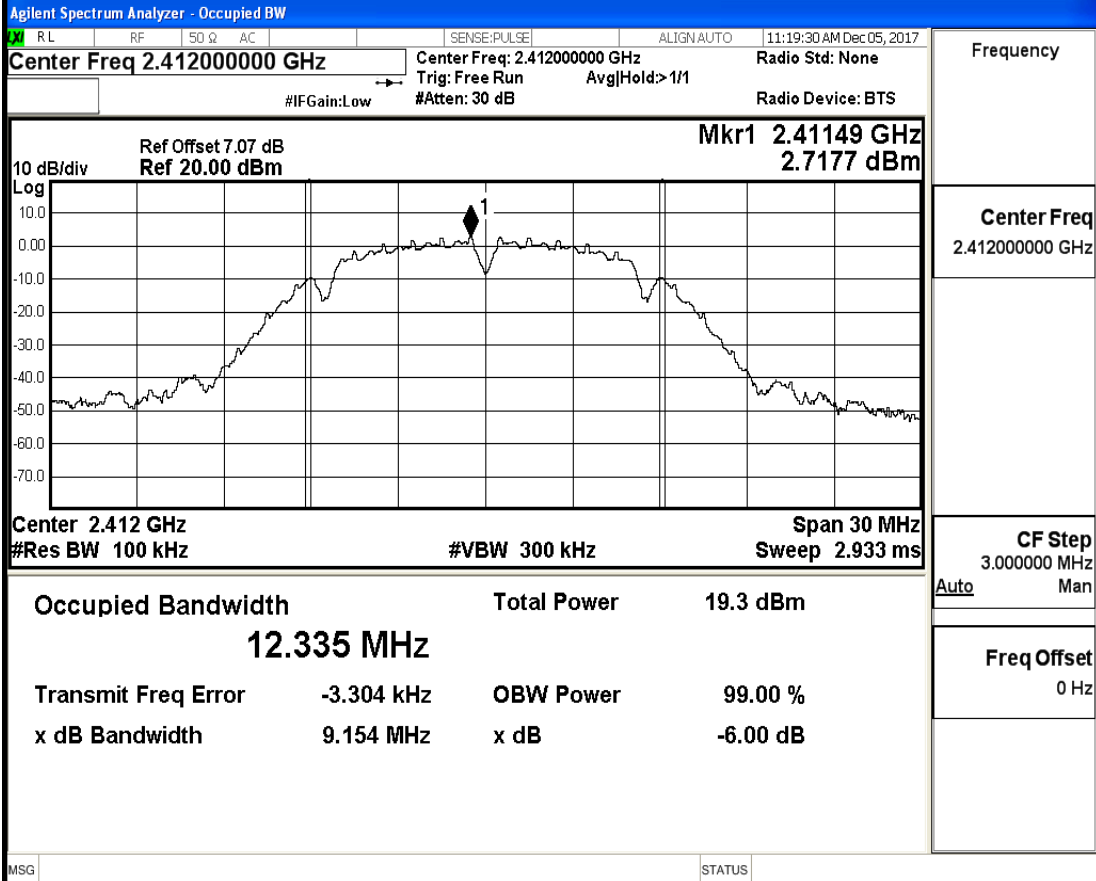


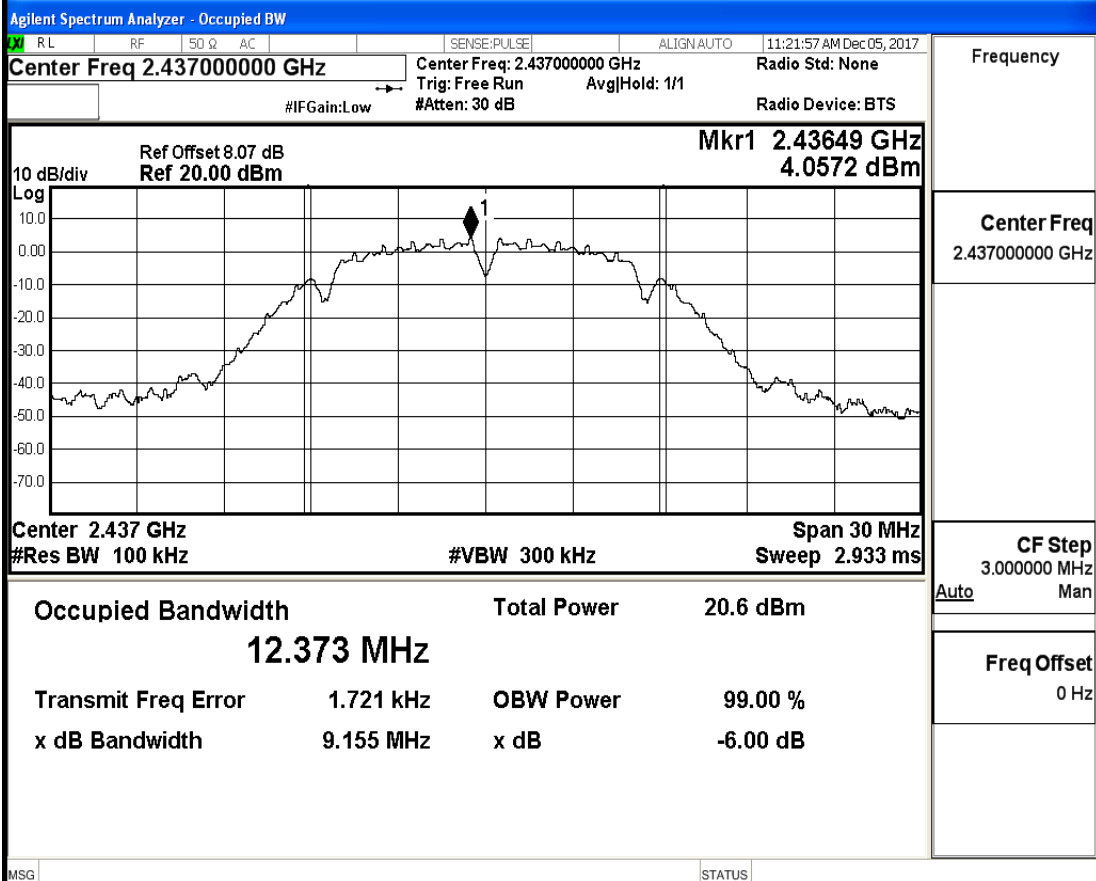
1.6dB Bandwidth

Test Mode	Test Channel	Ant	EBW[MHz]	Limit	Verdict
11B	2412	Ant1	9.154	0.5	PASS
11B	2437	Ant1	9.155	0.5	PASS
11B	2462	Ant1	9.155	0.5	PASS
11G	2412	Ant1	16.62	0.5	PASS
11G	2437	Ant1	16.61	0.5	PASS
11G	2462	Ant1	16.62	0.5	PASS
11N20SISO	2412	Ant1	17.84	0.5	PASS
11N20SISO	2437	Ant1	17.85	0.5	PASS
11N20SISO	2462	Ant1	17.83	0.5	PASS
11N40SISO	2422	Ant1	36.50	0.5	PASS
11N40SISO	2437	Ant1	36.52	0.5	PASS
11N40SISO	2452	Ant1	36.49	0.5	PASS

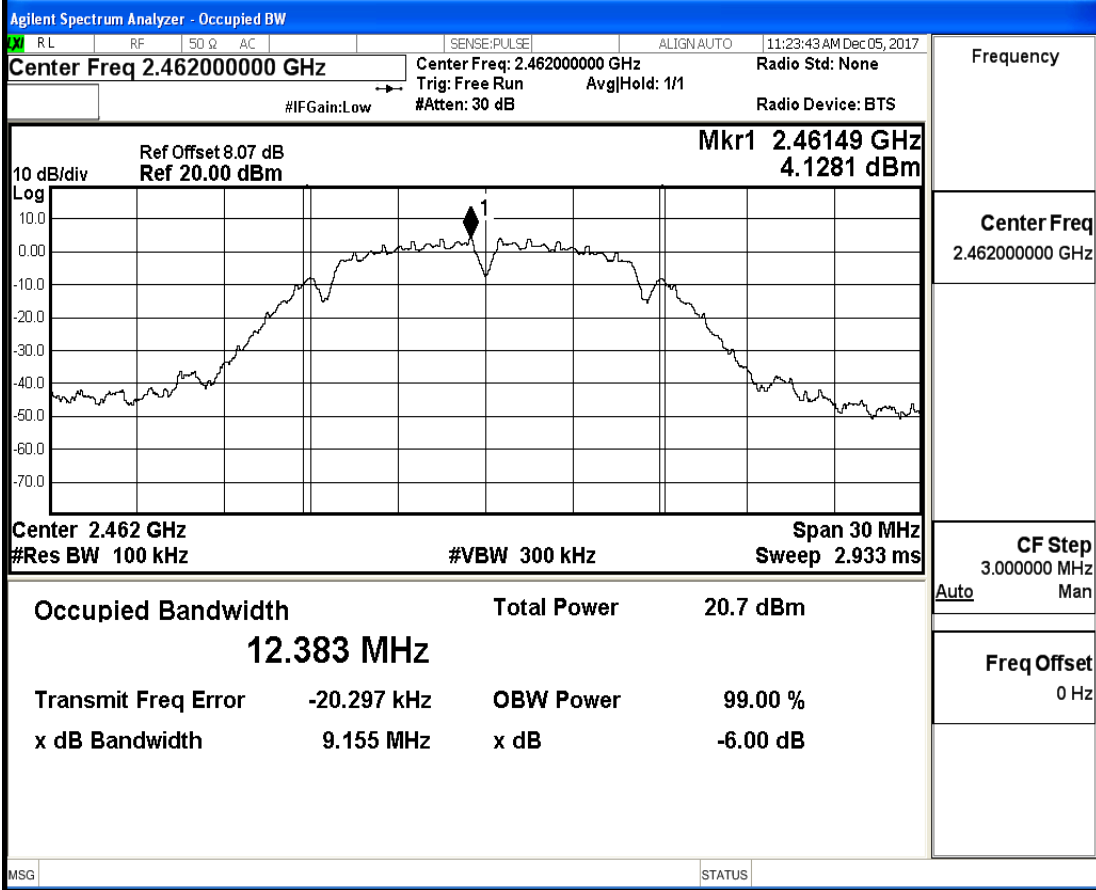
6dB Bandwidth_11B_2412_Ant1



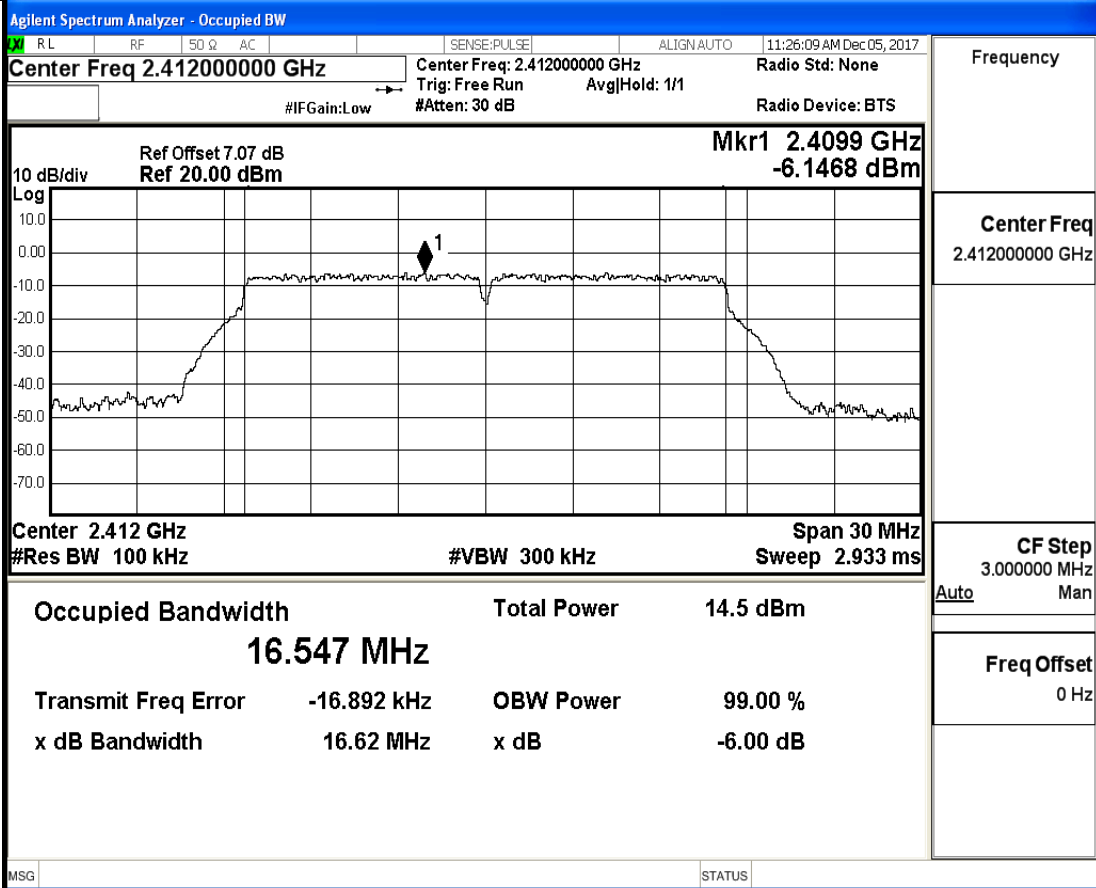
6dB Bandwidth_11B_2437_Ant1



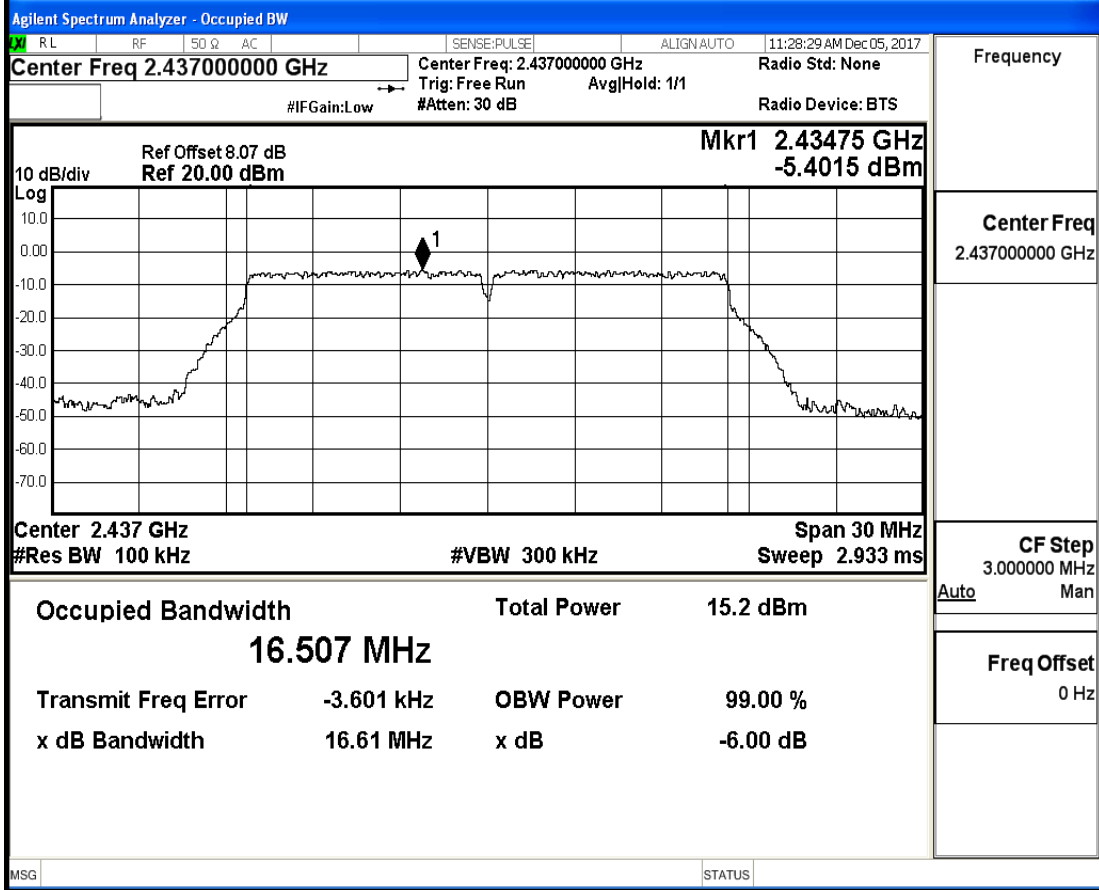
6dB Bandwidth_11B_2462_Ant1



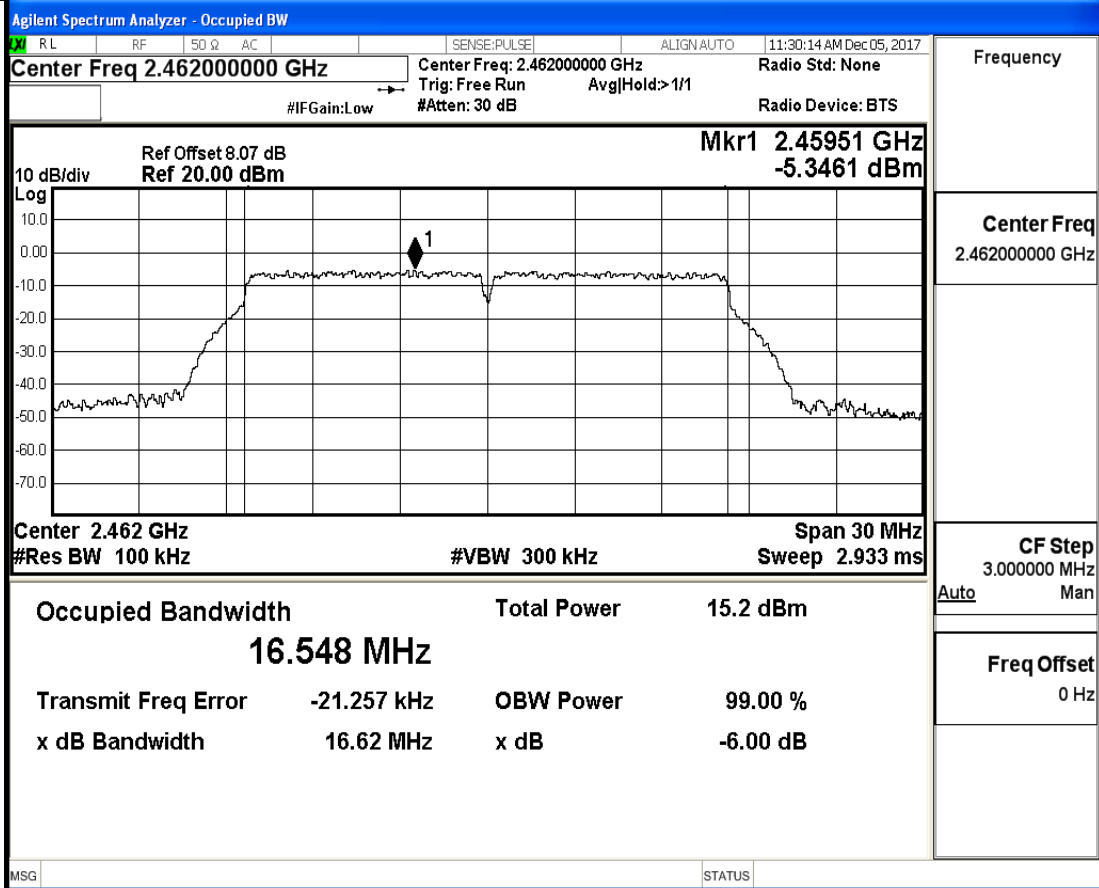
6dB Bandwidth_11G_2412_Ant1



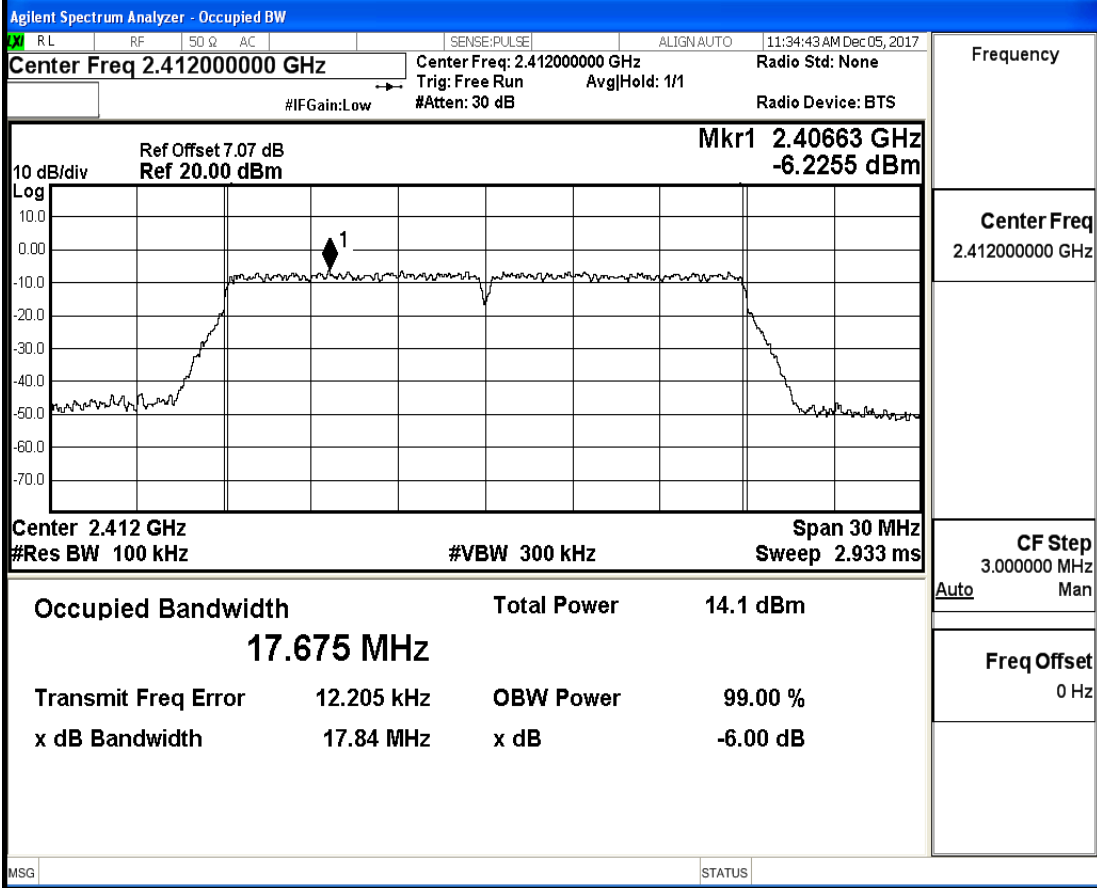
6dB Bandwidth_11G_2437_Ant1



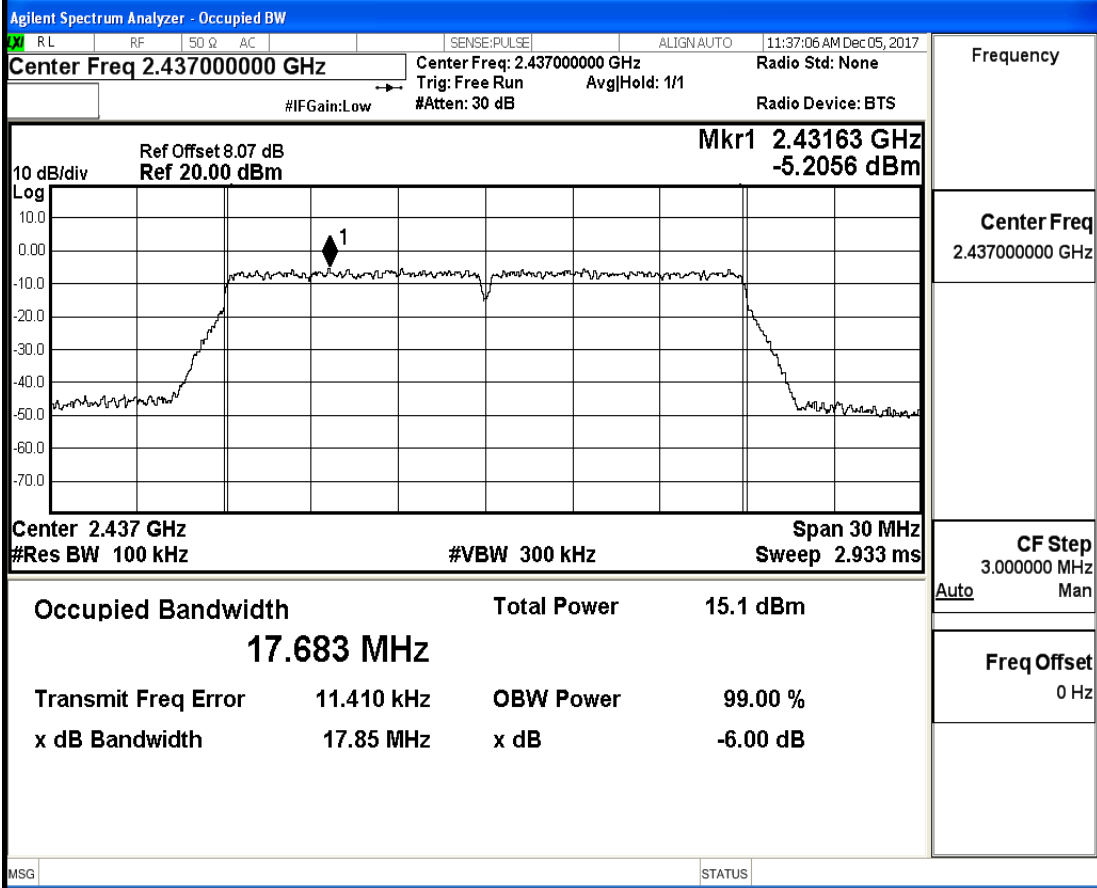
6dB Bandwidth_11G_2462_Ant1



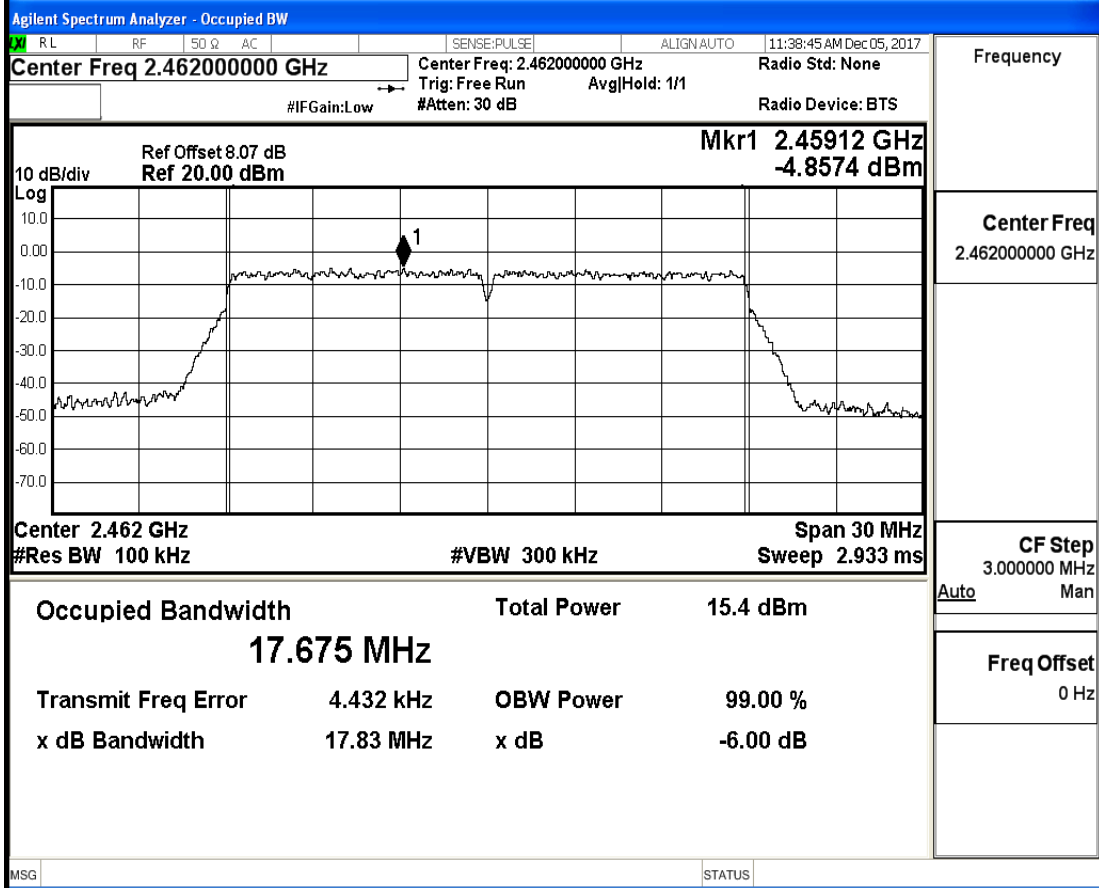
6dB Bandwidth_11N20SISO_2412_Ant1



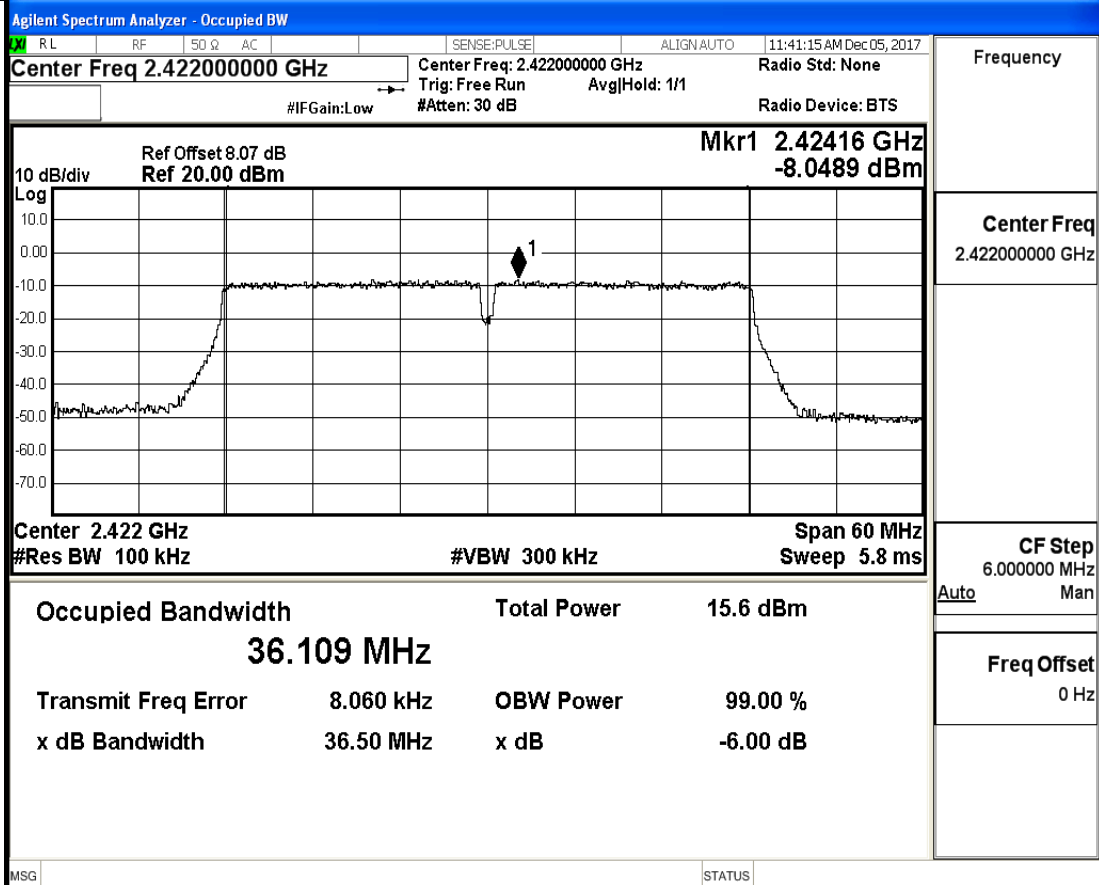
6dB Bandwidth_11N20SISO_2437_Ant1



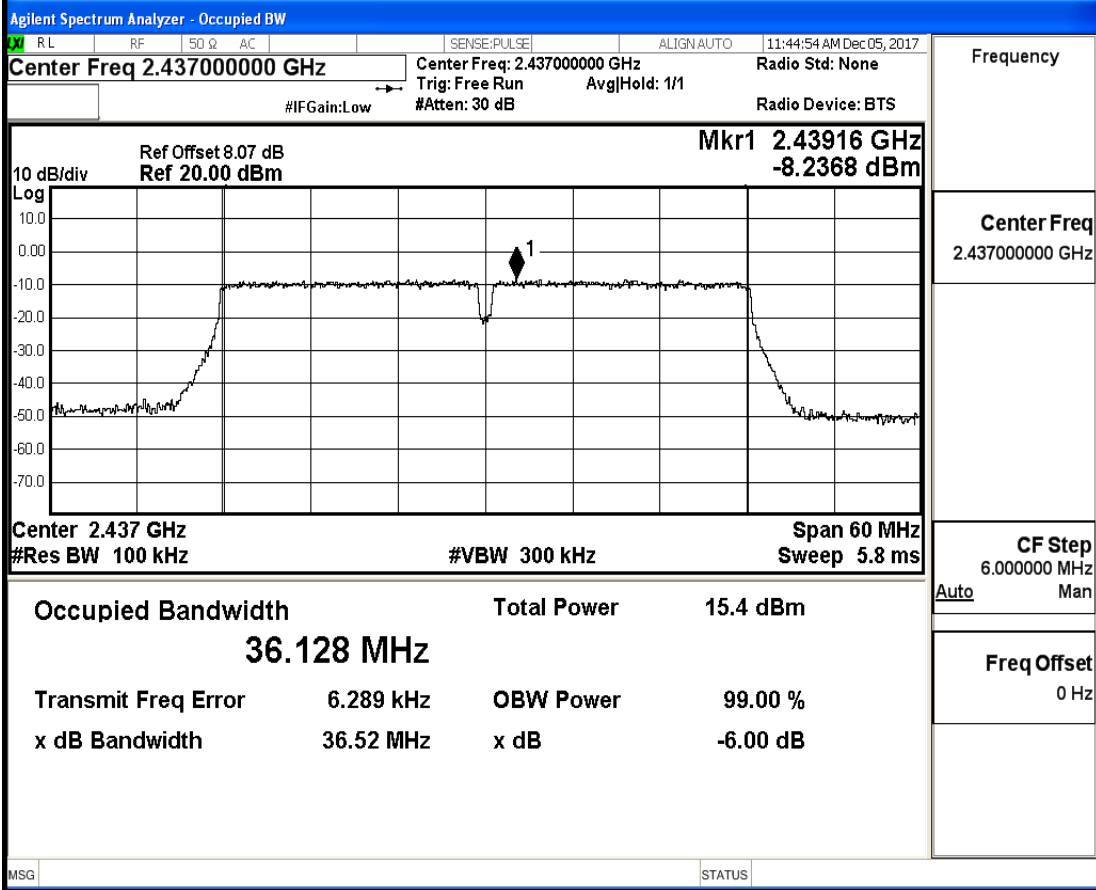
6dB Bandwidth_11N20SISO_2462_Ant1



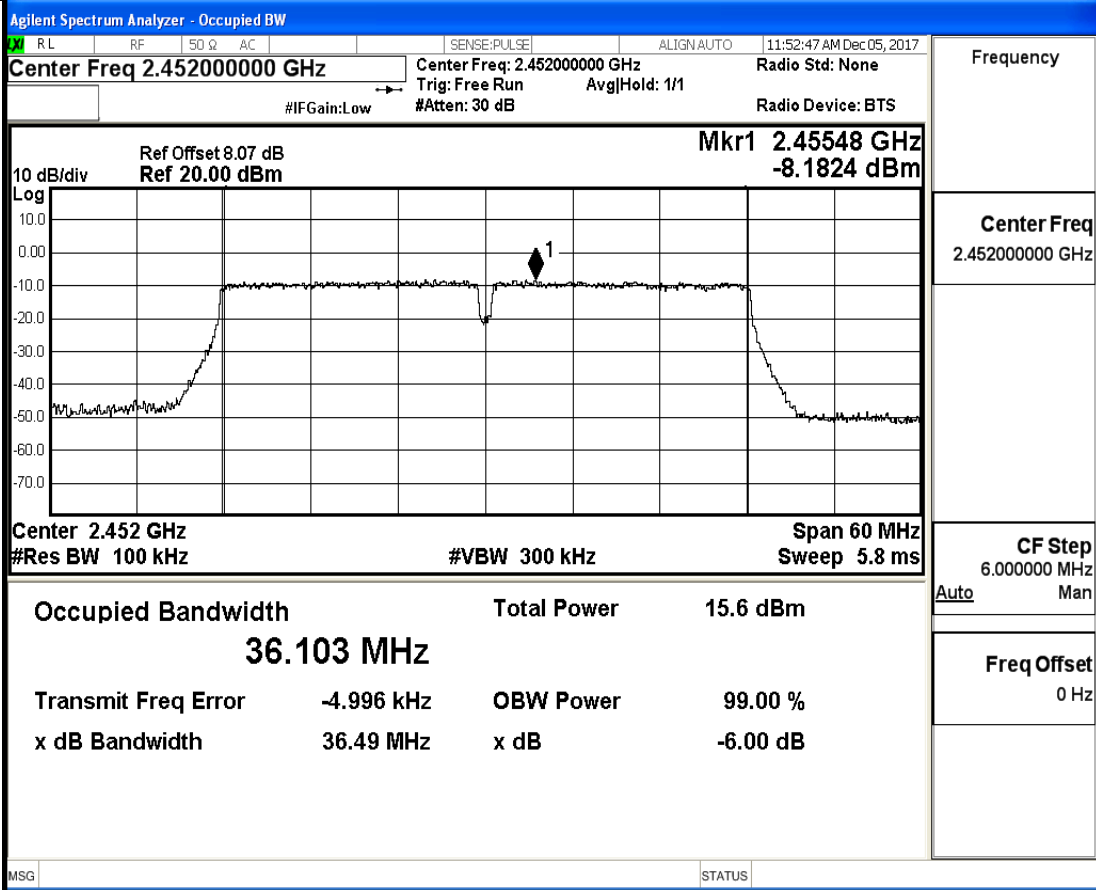
6dB Bandwidth_11N40SISO_2422_Ant1



6dB Bandwidth_11N40SISO_2437_Ant1



6dB Bandwidth_11N40SISO_2452_Ant1



2.Maximum peak conducted output power

Test Mode	Test Channel	Ant	Power[dBm]	Limit[dBm]	Verdict
11B	2412	Ant1	15.26	30	PASS
11B	2437	Ant1	16.61	30	PASS
11B	2462	Ant1	16.67	30	PASS
11G	2412	Ant1	15.80	30	PASS
11G	2437	Ant1	16.43	30	PASS
11G	2462	Ant1	16.50	30	PASS
11N20SISO	2412	Ant1	14.39	30	PASS
11N20SISO	2437	Ant1	14.65	30	PASS
11N20SISO	2462	Ant1	14.88	30	PASS
11N40SISO	2422	Ant1	14.52	30	PASS
11N40SISO	2437	Ant1	14.62	30	PASS
11N40SISO	2452	Ant1	14.71	30	PASS

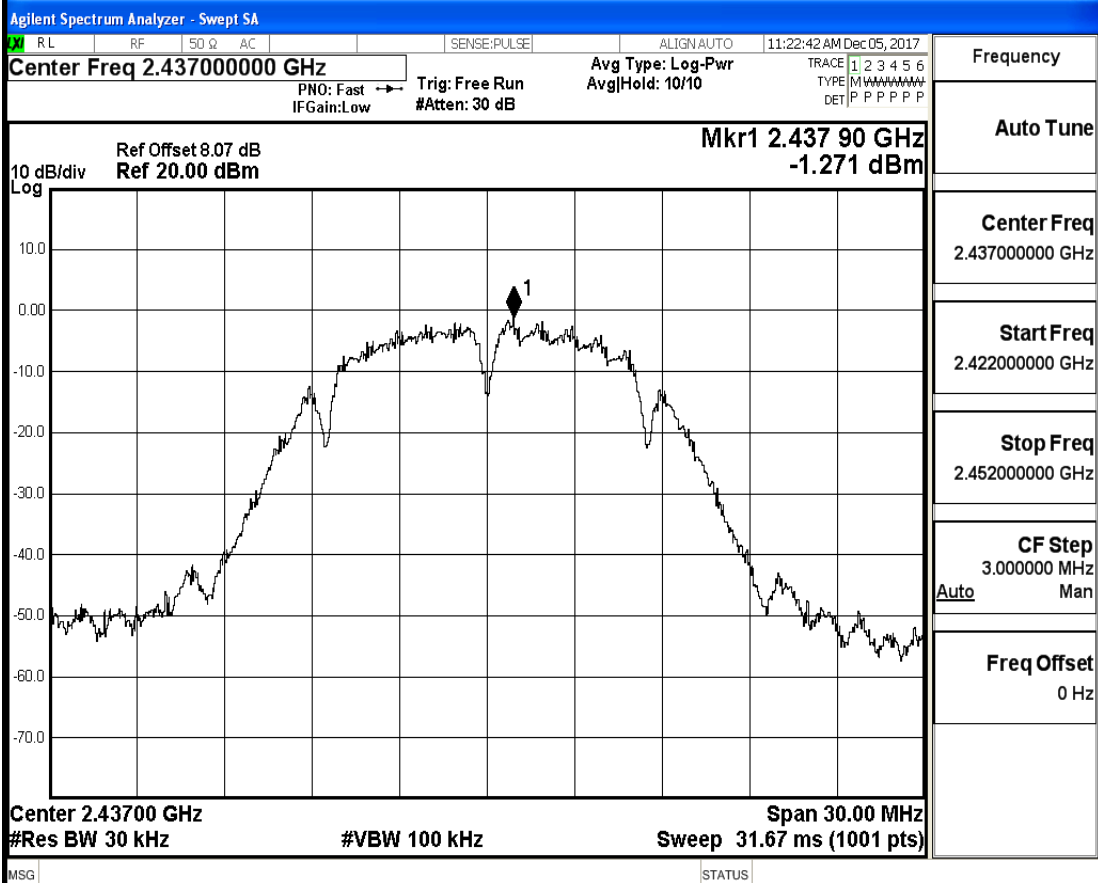
3.Maximum Peak power spectral density

Test Mode	Test Channel	Ant	PSD[dBm/KHz]	Limit[dBm/KHz]	Verdict
11B	2412	Ant1	-2.643	8.00	PASS
11B	2437	Ant1	-1.271	8.00	PASS
11B	2462	Ant1	-1.213	8.00	PASS
11G	2412	Ant1	-9.047	8.00	PASS
11G	2437	Ant1	-8.184	8.00	PASS
11G	2462	Ant1	-7.807	8.00	PASS
11N20SISO	2412	Ant1	-10.106	8.00	PASS
11N20SISO	2437	Ant1	-9.989	8.00	PASS
11N20SISO	2462	Ant1	-9.586	8.00	PASS
11N40SISO	2422	Ant1	-11.268	8.00	PASS
11N40SISO	2437	Ant1	-11.275	8.00	PASS
11N40SISO	2452	Ant1	-11.273	8.00	PASS

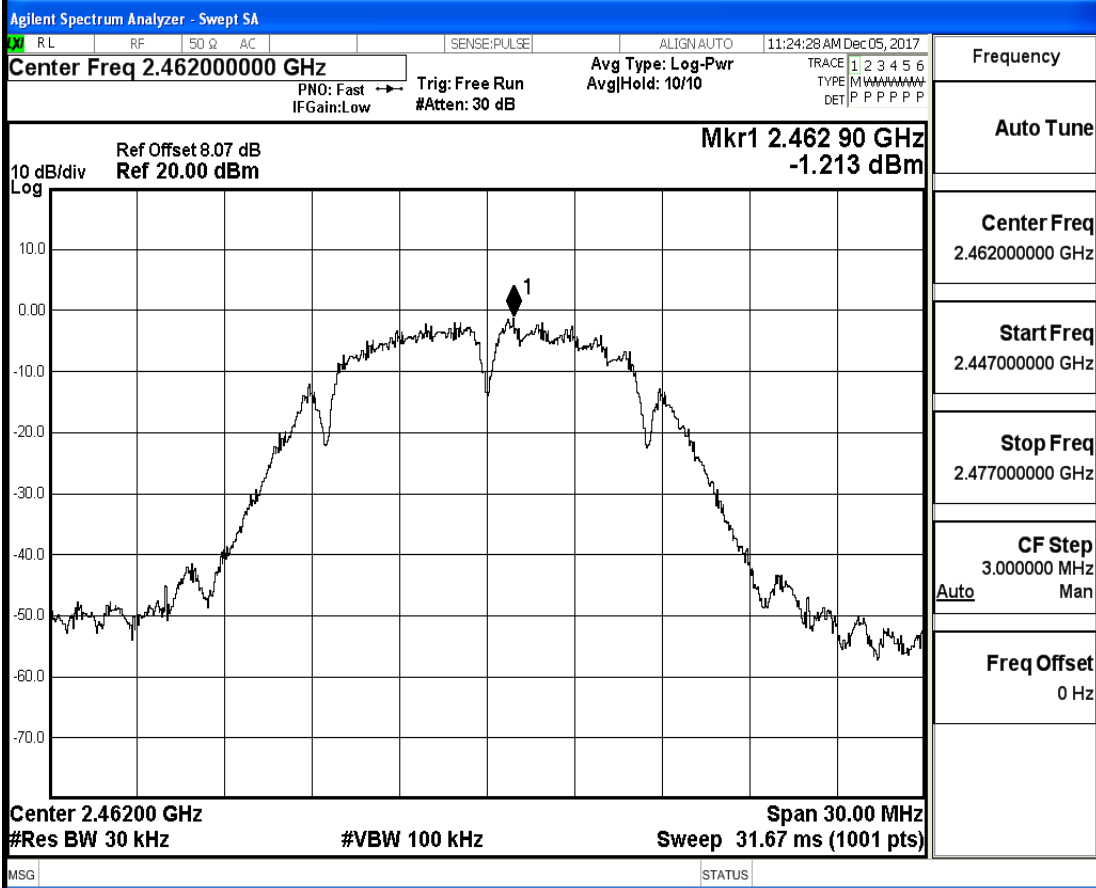
Maximum Peak power spectral density_11B_2412_Ant1



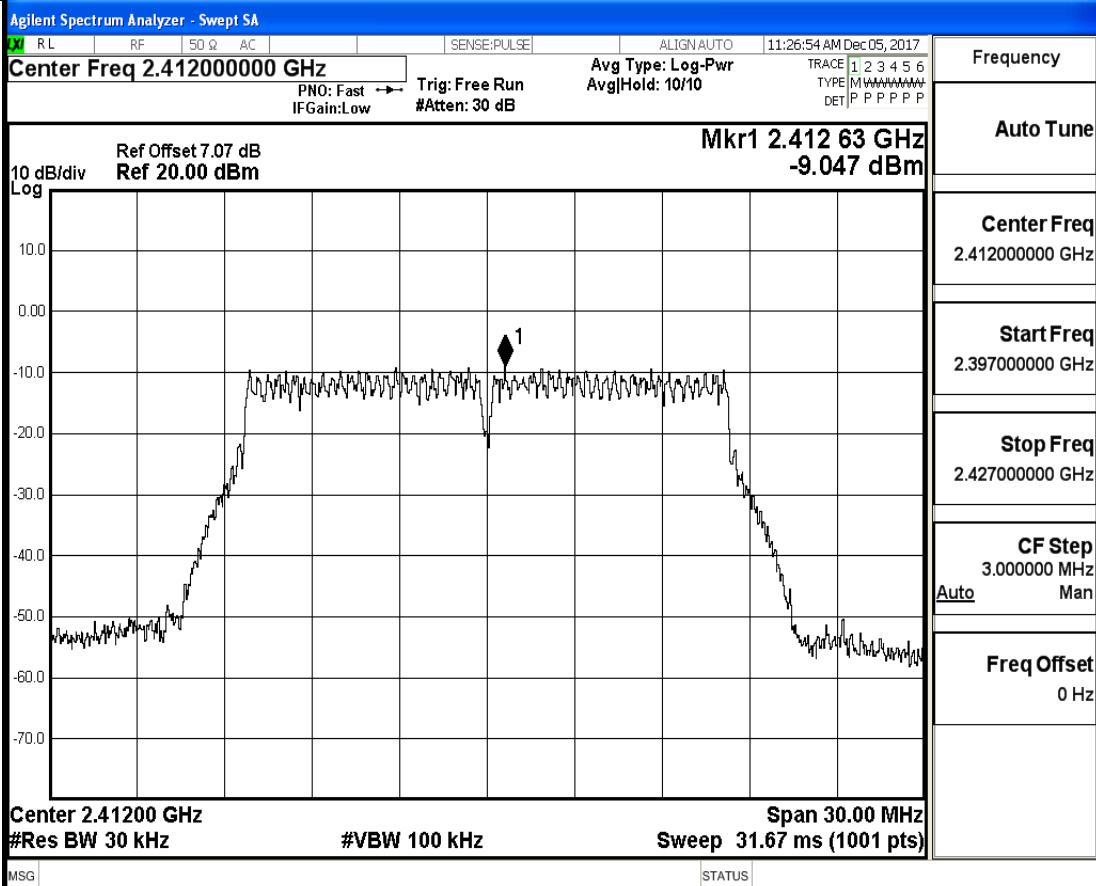
Maximum Peak power spectral density_11B_2437_Ant1



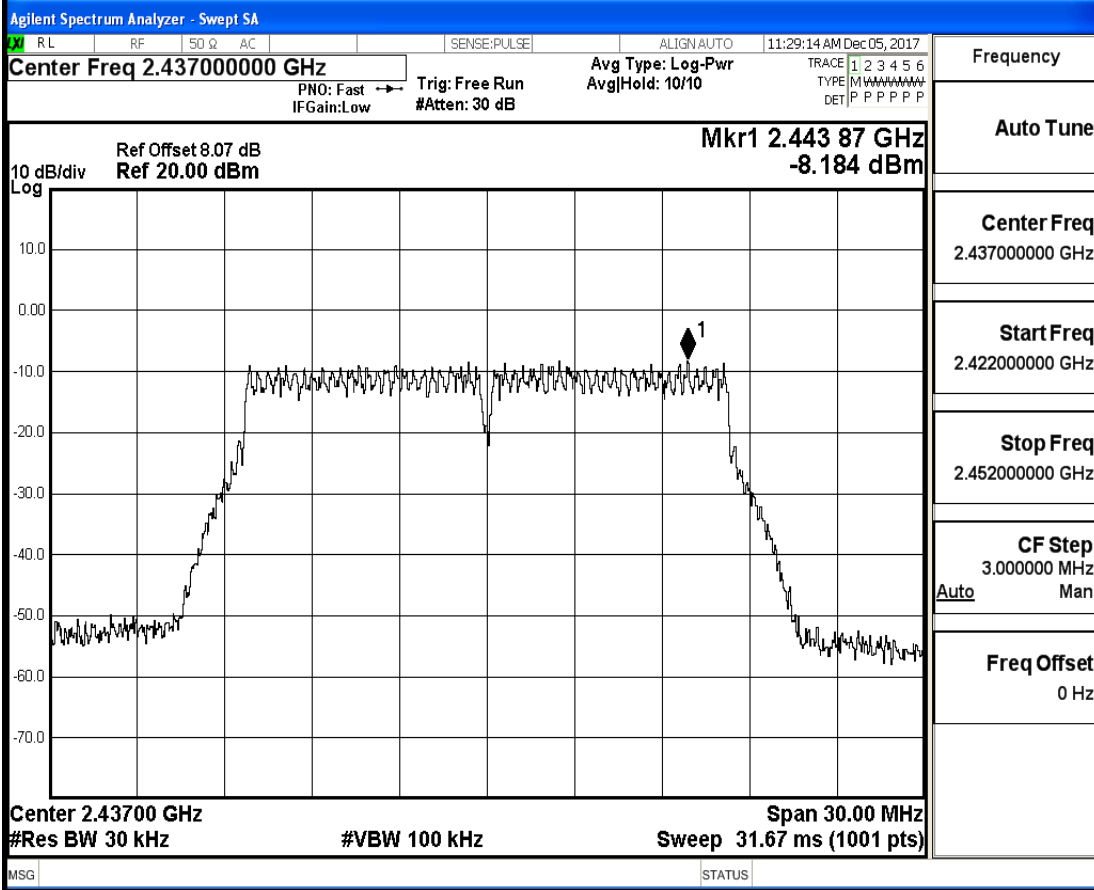
Maximum Peak power spectral density_11B_2462_Ant1



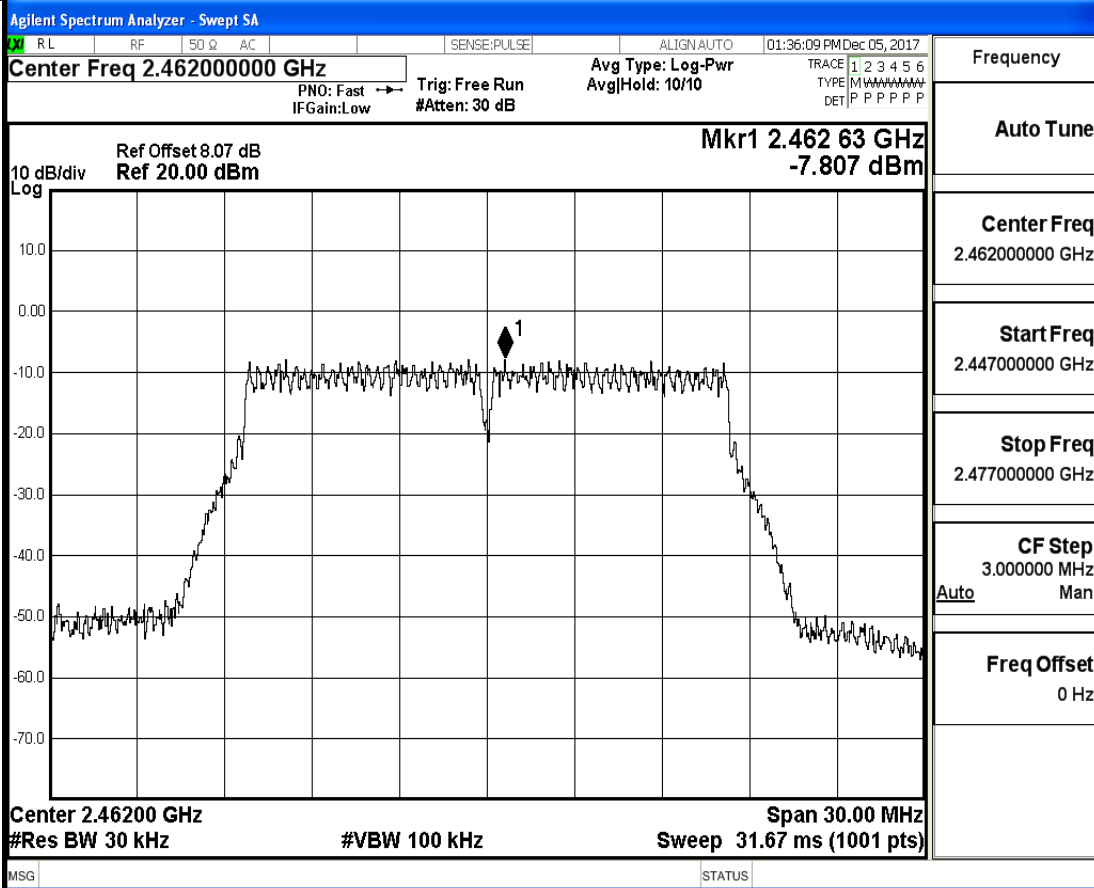
Maximum Peak power spectral density_11G_2412_Ant1



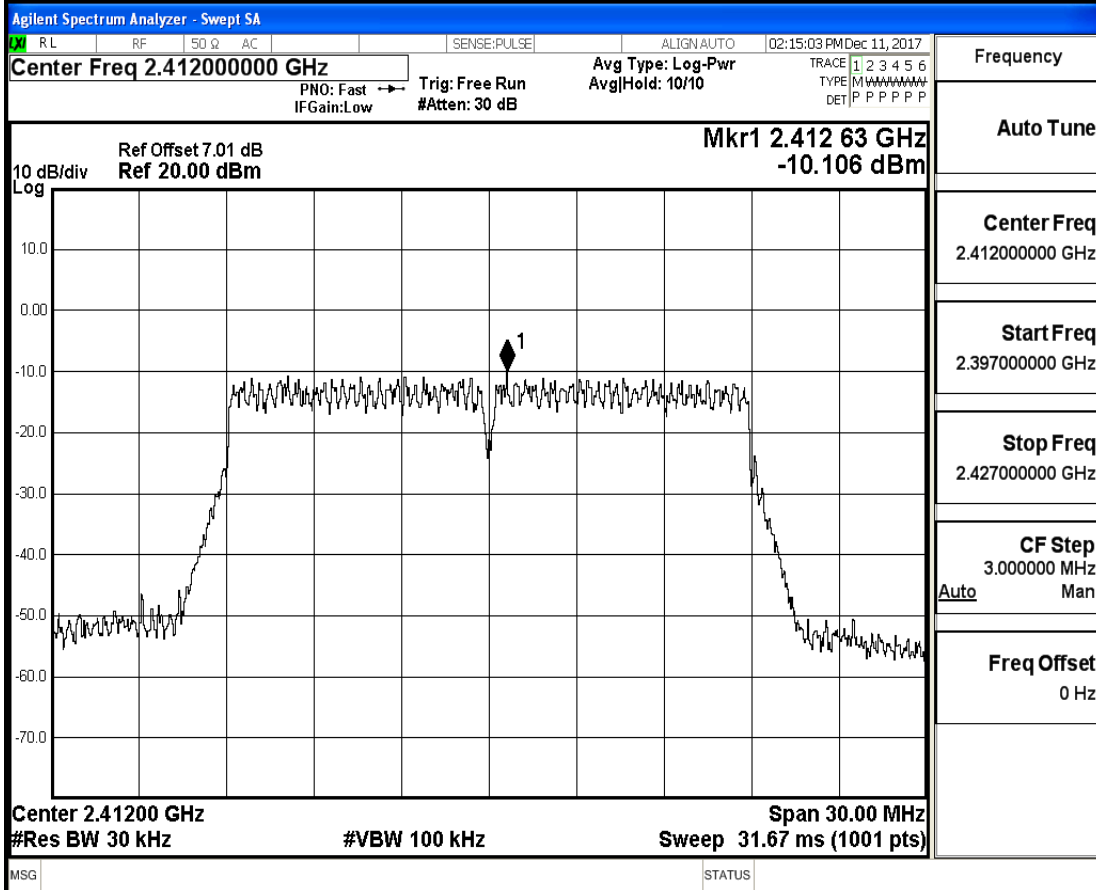
Maximum Peak power spectral density_11G_2437_Ant1



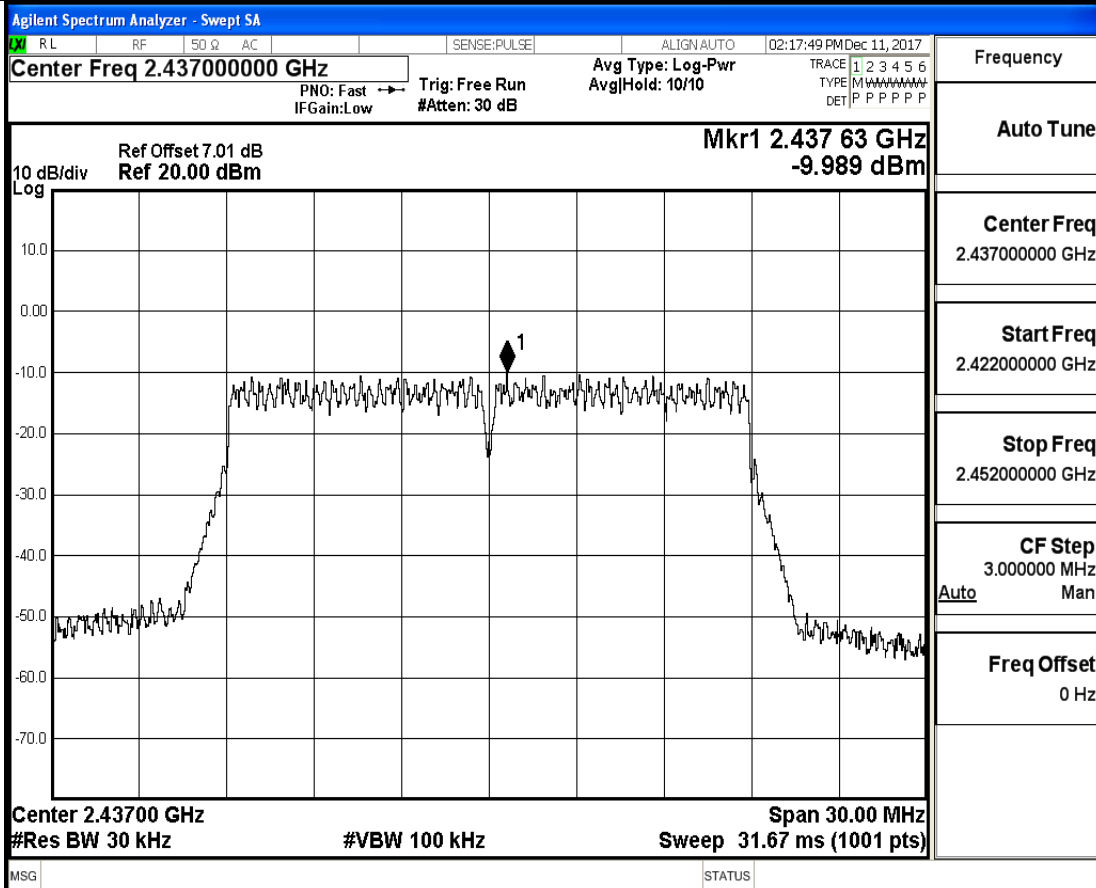
Maximum Peak power spectral density_11G_2462_Ant1



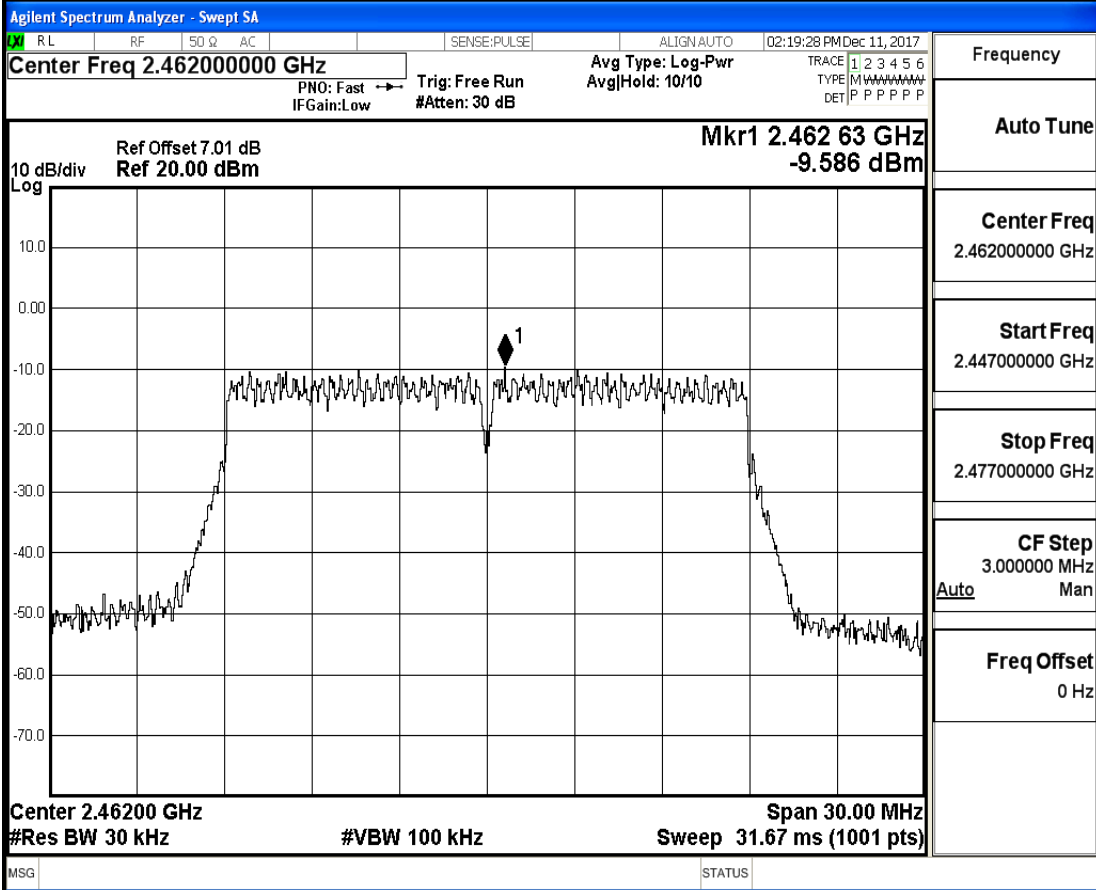
Maximum Peak power spectral density_11N20SISO_2412_Ant1



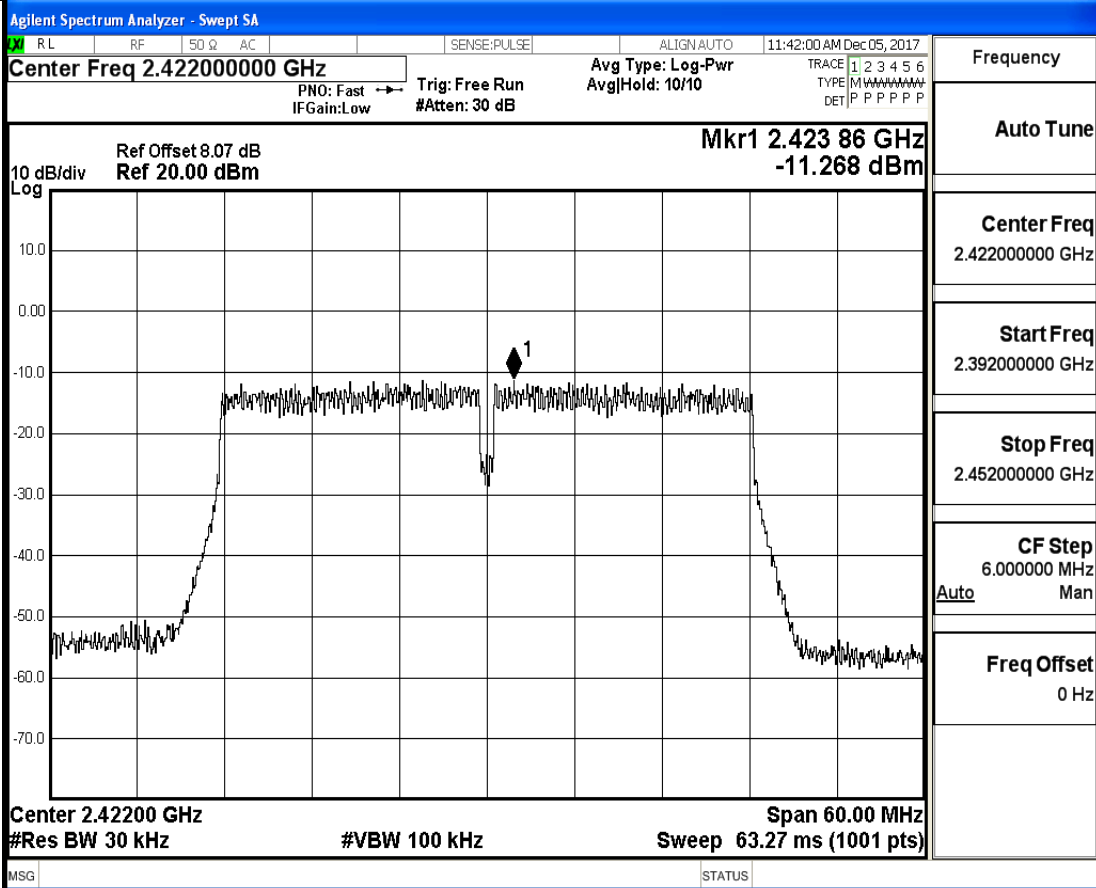
Maximum Peak power spectral density_11N20SISO_2437_Ant1



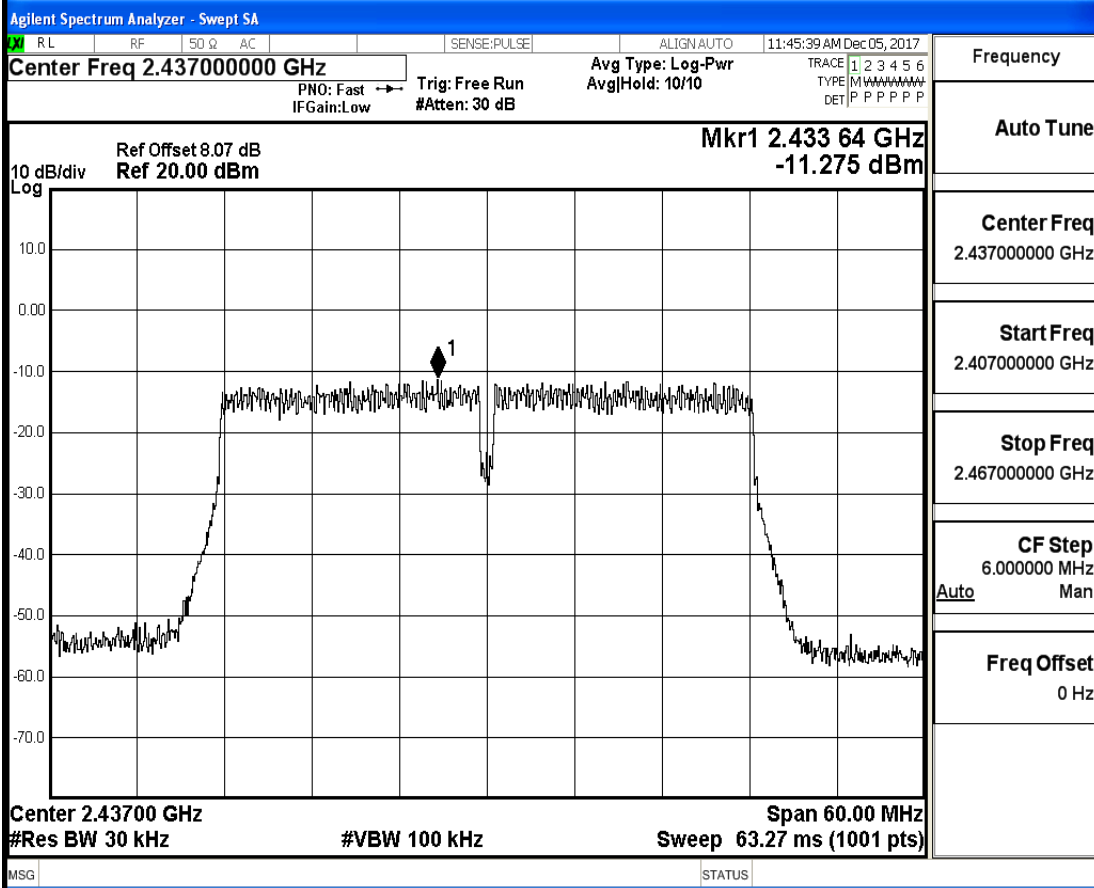
Maximum Peak power spectral density_11N20SISO_2462_Ant1



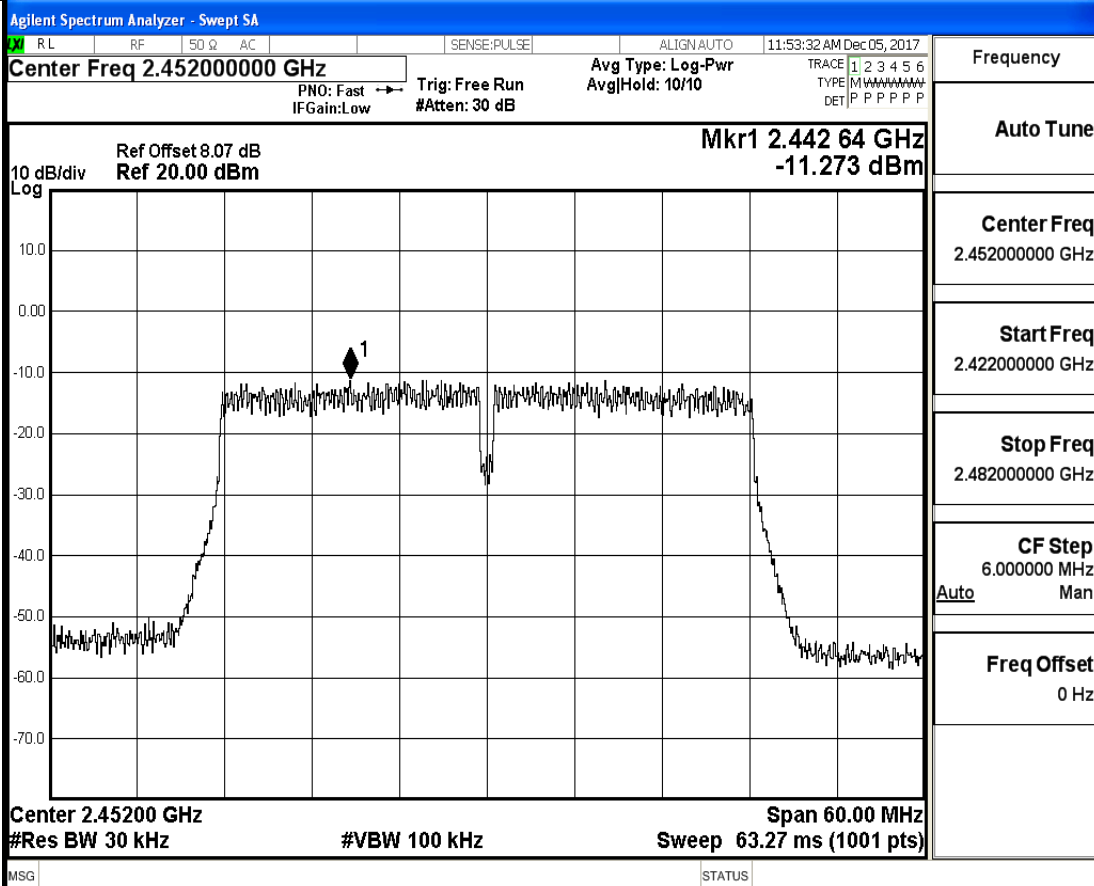
Maximum Peak power spectral density_11N40SISO_2422_Ant1



Maximum Peak power spectral density_11N40SISO_2437_Ant1



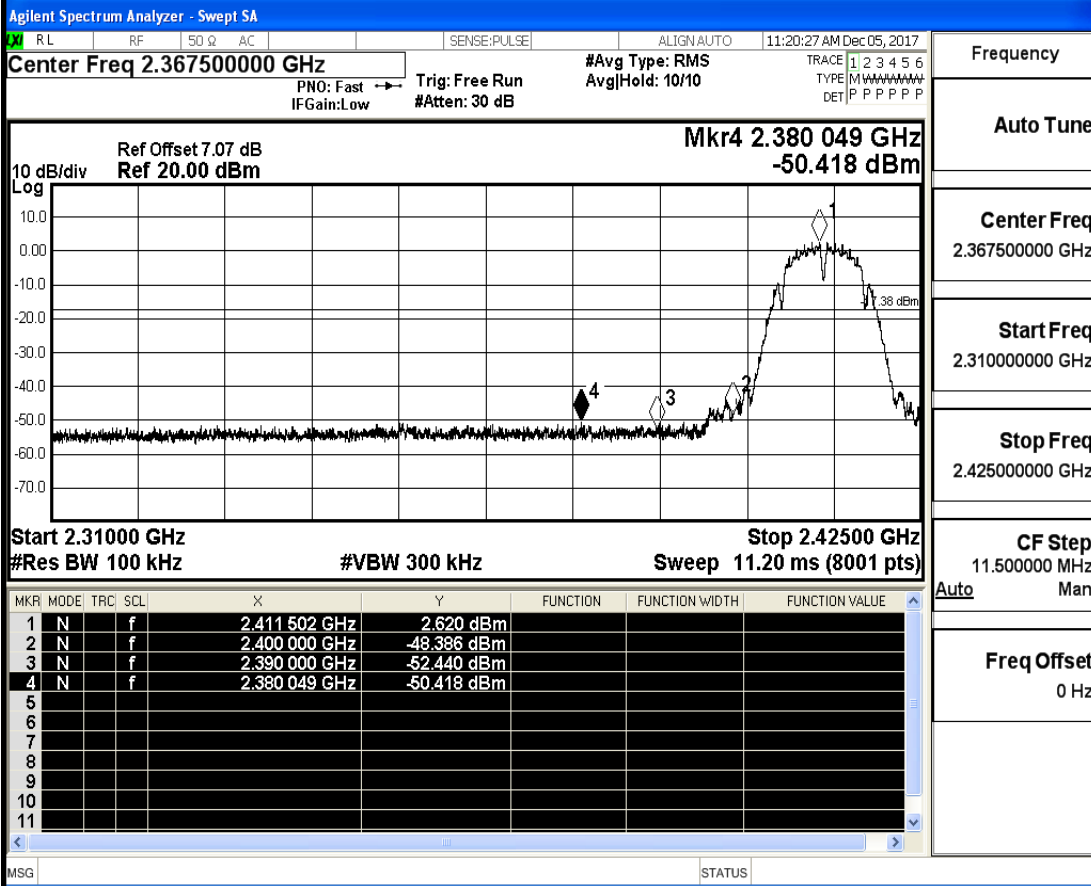
Maximum Peak power spectral density_11N40SISO_2452_Ant1



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	2.620	-50.418	-17.38	PASS
11B	2462	Ant1	4.060	-48.782	-15.94	PASS
11G	2412	Ant1	-6.097	-50.408	-26.1	PASS
11G	2462	Ant1	-5.367	-48.860	-25.37	PASS
11N20SISO	2412	Ant1	-6.226	-49.074	-26.23	PASS
11N20SISO	2462	Ant1	-5.164	-49.003	-25.16	PASS
11N40SISO	2422	Ant1	-7.929	-47.811	-27.93	PASS
11N40SISO	2452	Ant1	-8.155	-49.154	-28.16	PASS

Band-edge for RF Conducted Emissions_11B_2412_Ant1



Frequency

Auto Tune

Center Freq
2.367500000 GHz

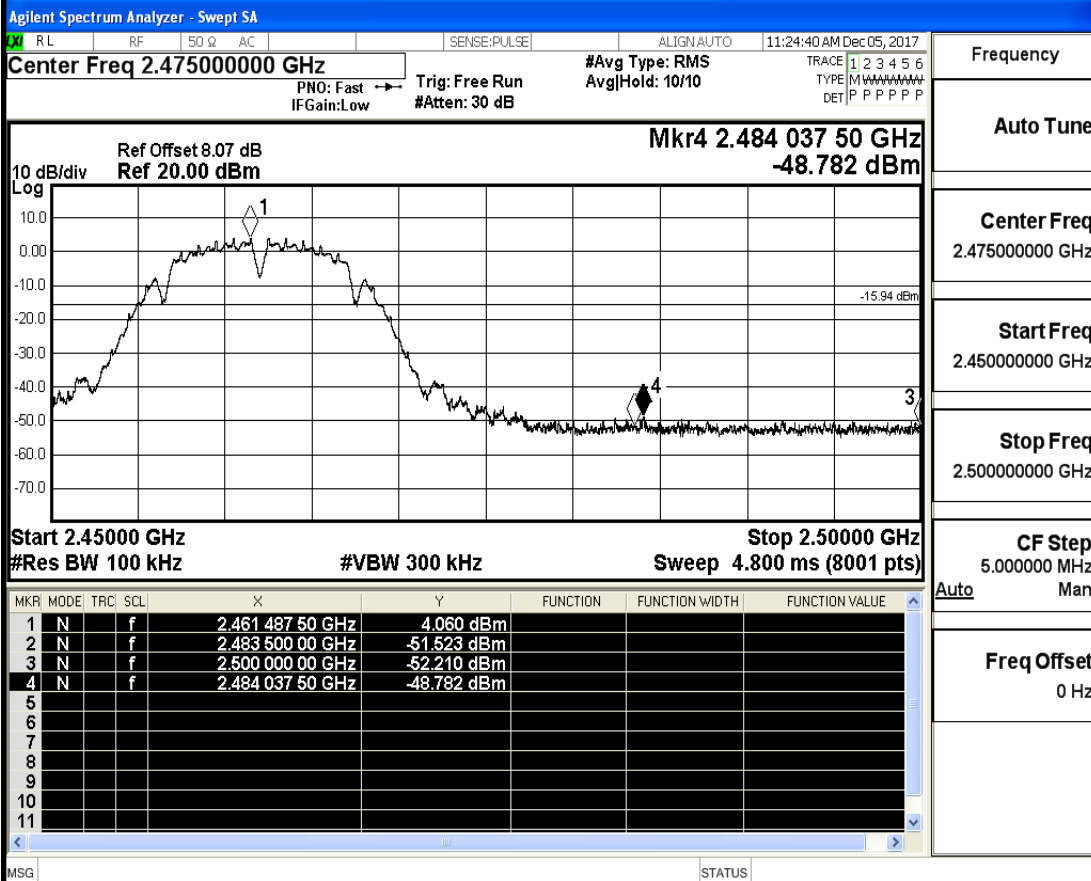
Start Freq
2.310000000 GHz

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

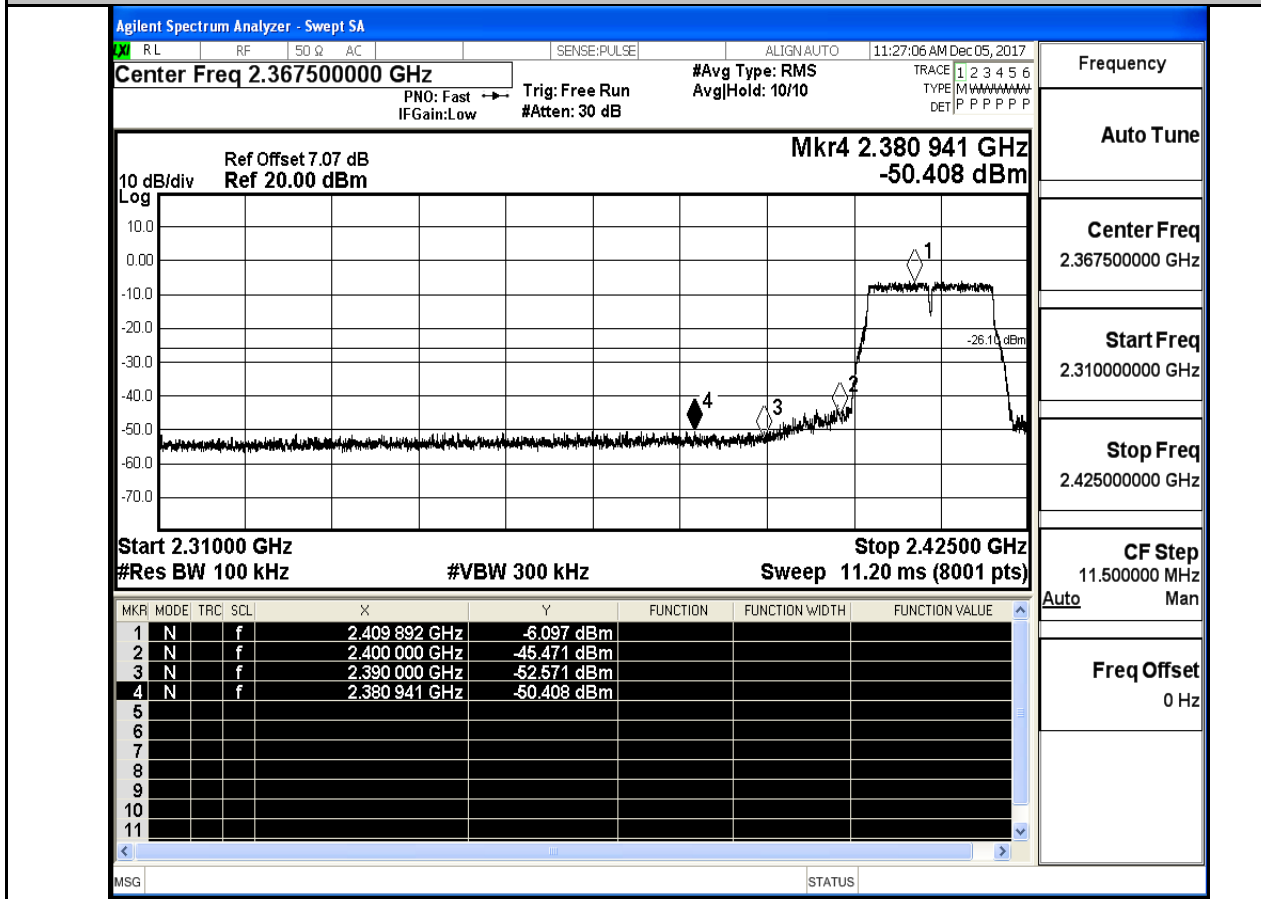
Start Freq
2.450000000 GHz

Stop Freq
2.500000000 GHz

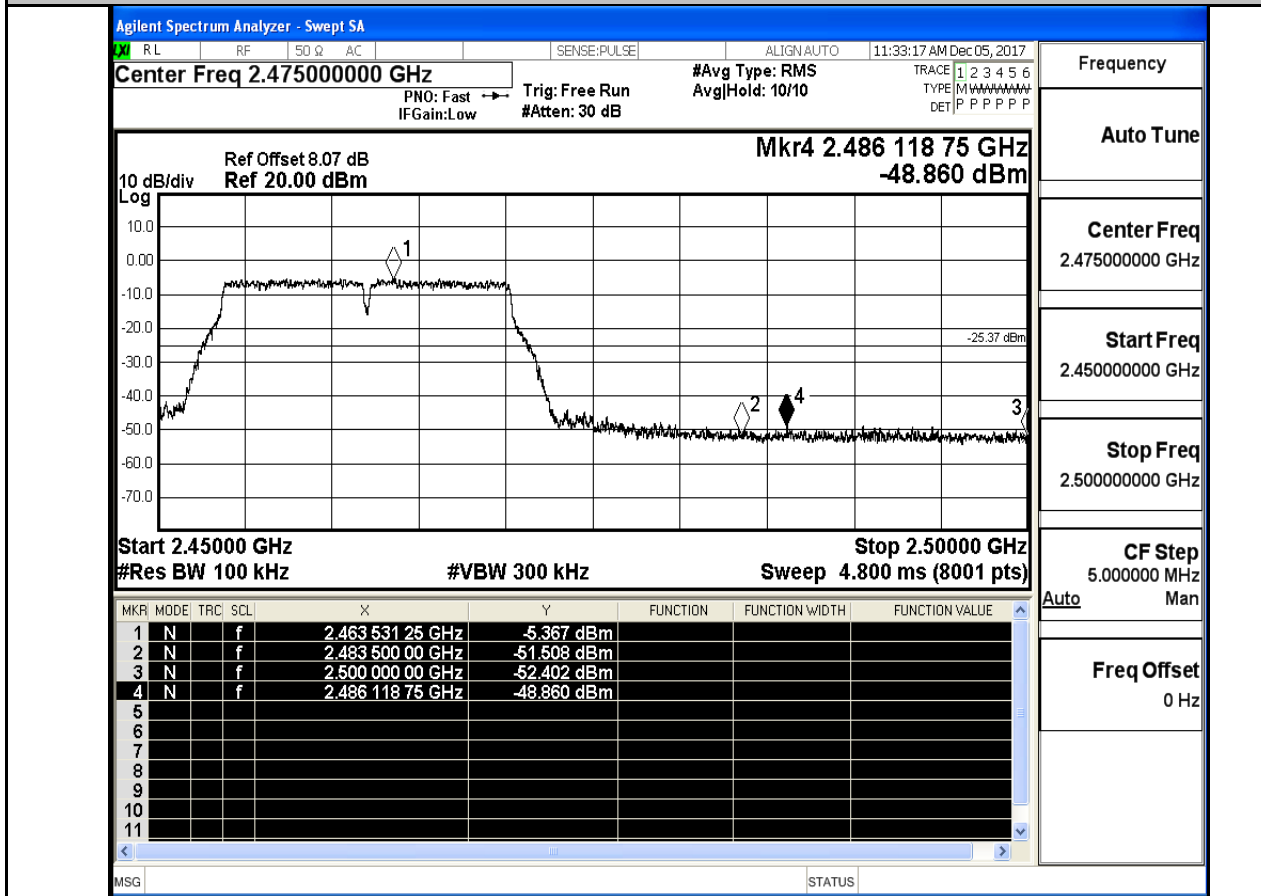
CF Step
5.000000 MHz

Freq Offset
0 Hz

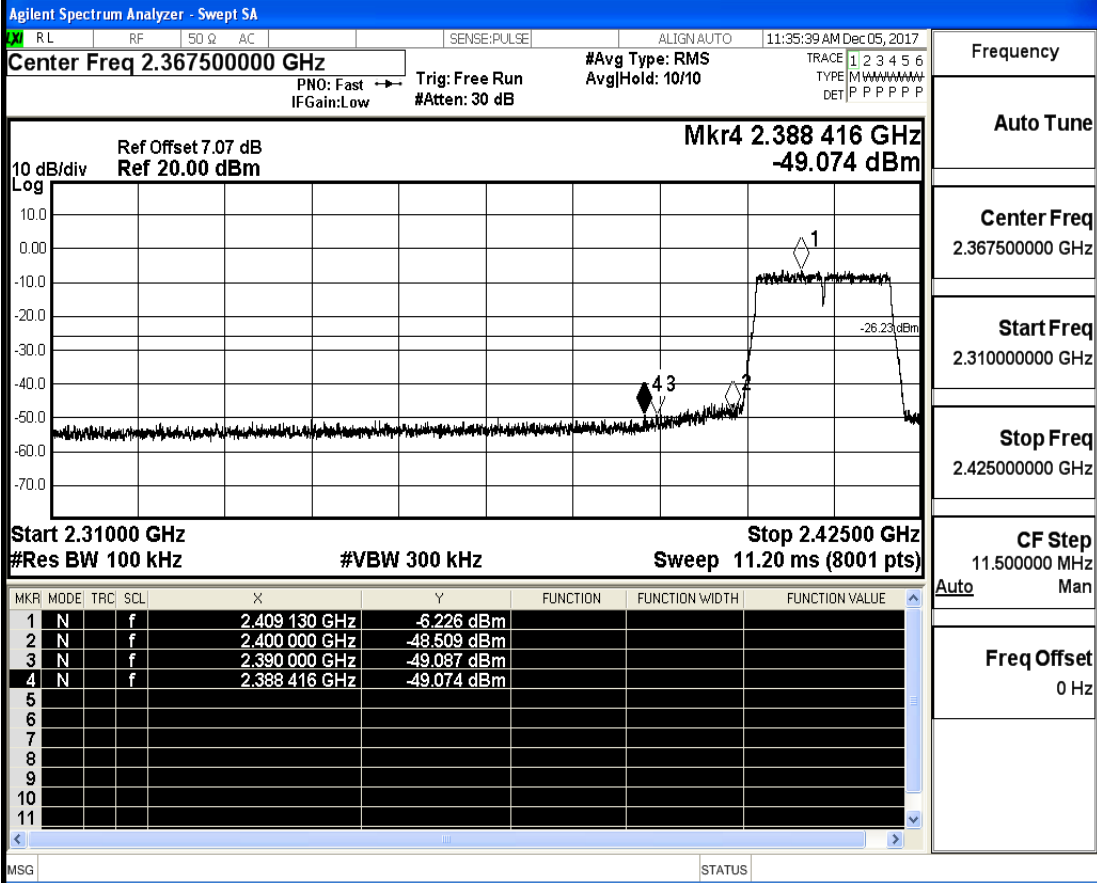
Band-edge for RF Conducted Emissions_11G_2412_Ant1



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

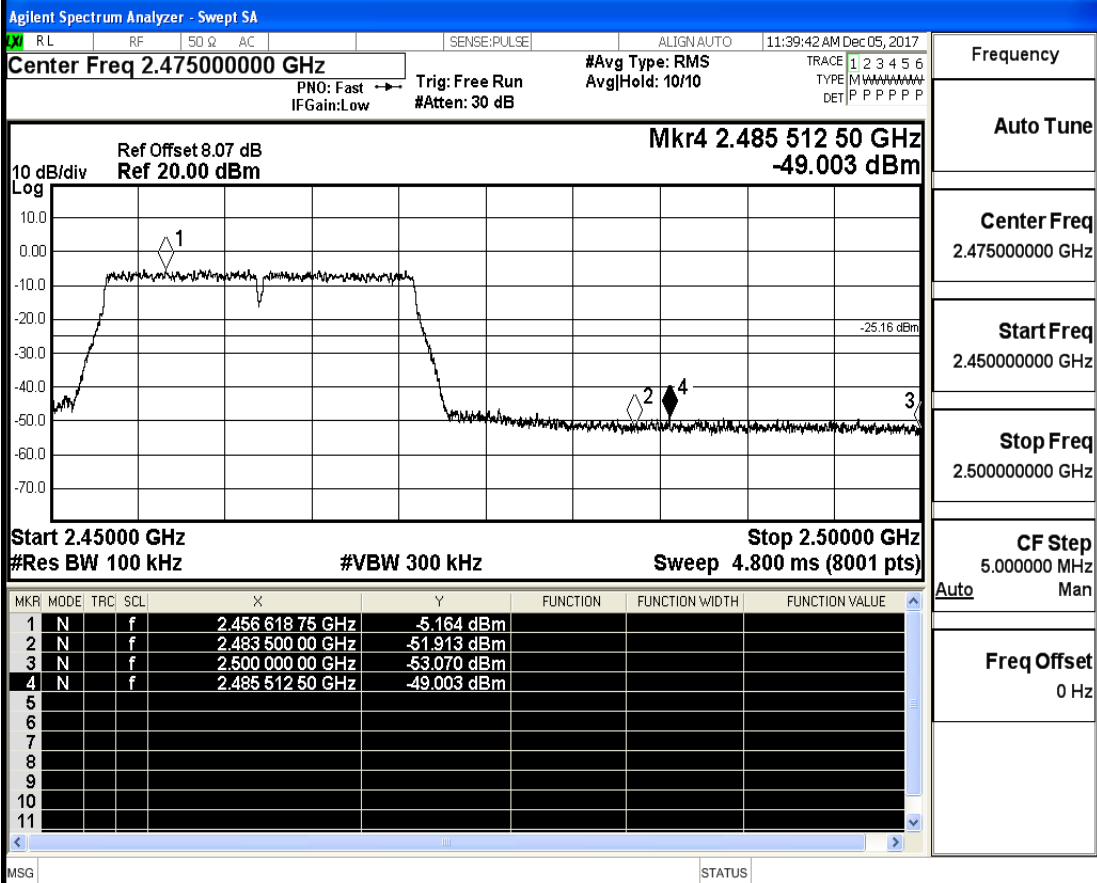
Start Freq
2.310000000 GHz

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

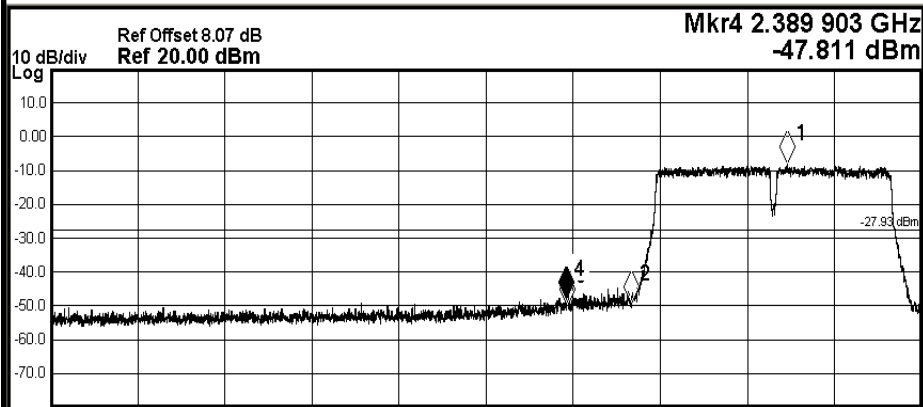
CF Step
5.000000 MHz
Auto Man

Freq Offset
0 Hz

Band-edge for RF Conducted Emissions_11N40SISO_2422_Ant1

Agilent Spectrum Analyzer - Swept SA

Center Freq 2.377500000 GHz
 PNO: Fast → Trig: Free Run
 IFGain: Low #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



Start 2.31000 GHz Stop 2.44500 GHz
 #Res BW 100 kHz #VBW 300 kHz Sweep 13.33 ms (8001 pts)

MR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	f		2.424 126 GHz	-7.929 dBm			
2	N	f		2.400 000 GHz	-49.230 dBm			
3	N	f		2.390 000 GHz	-49.948 dBm			
4	N	f		2.389 903 GHz	-47.811 dBm			
5								
6								
7								
8								
9								
10								
11								

MSG

STATUS

Frequency

Auto Tune

Center Freq
2.377500000 GHz

Start Freq
2.310000000 GHz

Stop Freq
2.445000000 GHz

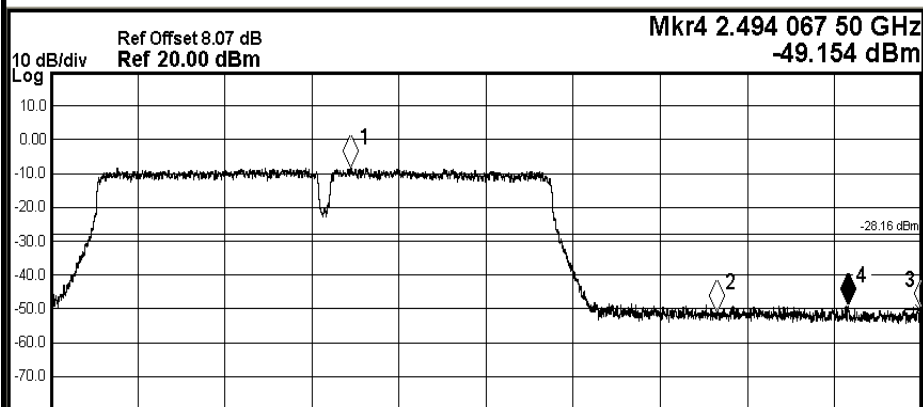
CF Step
13.500000 MHz
Auto Man

Freq Offset
0 Hz

Band-edge for RF Conducted Emissions_11N40SISO_2452_Ant1

Agilent Spectrum Analyzer - Swept SA

Center Freq 2.465000000 GHz
 PNO: Fast → Trig: Free Run
 IFGain: Low #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



Start 2.43000 GHz Stop 2.50000 GHz
 #Res BW 100 kHz #VBW 300 kHz Sweep 6.933 ms (8001 pts)

MR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	f		2.454 115 00 GHz	-8.155 dBm			
2	N	f		2.483 500 00 GHz	-51.211 dBm			
3	N	f		2.500 000 00 GHz	-50.327 dBm			
4	N	f		2.494 067 50 GHz	-49.154 dBm			
5								
6								
7								
8								
9								
10								
11								

MSG

STATUS

Frequency

Auto Tune

Center Freq
2.465000000 GHz

Start Freq
2.430000000 GHz

Stop Freq
2.500000000 GHz

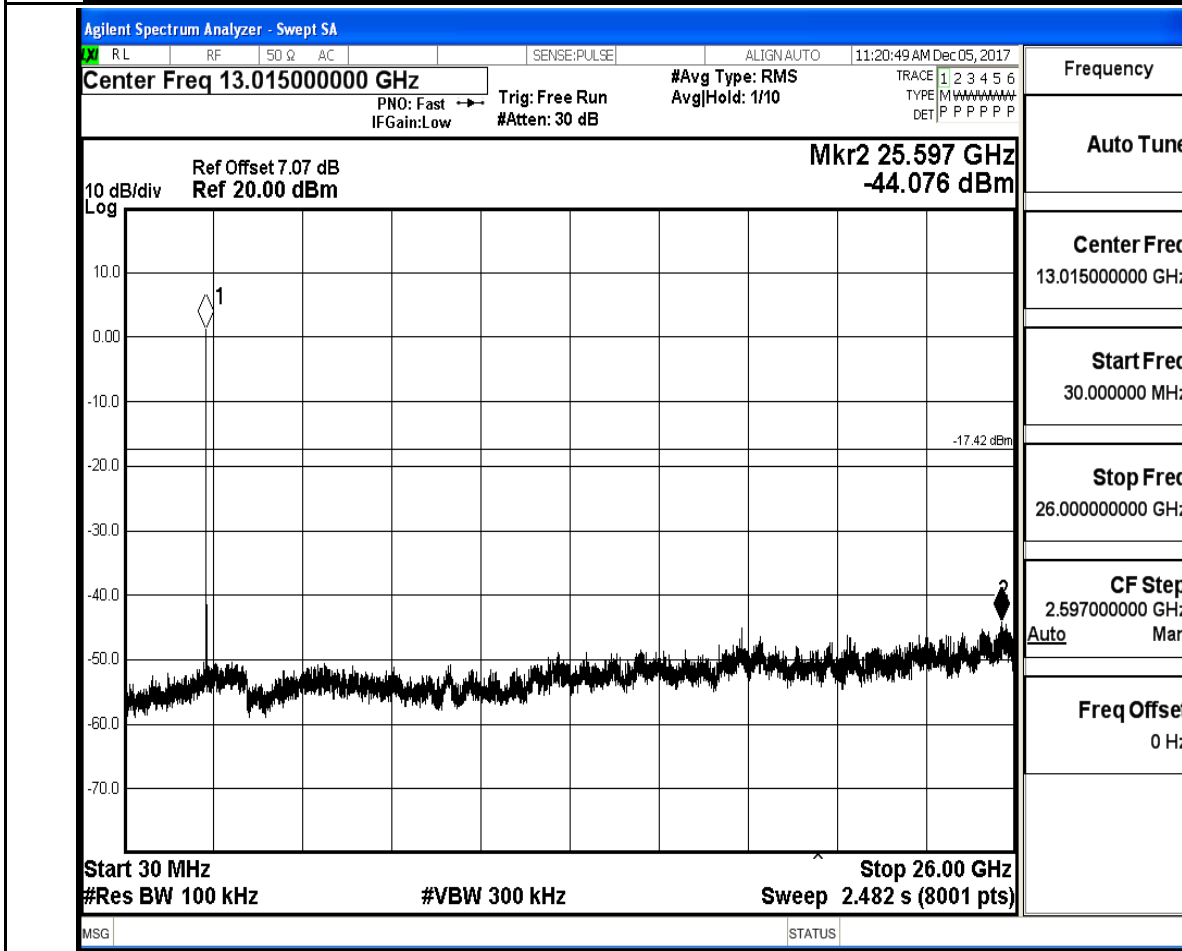
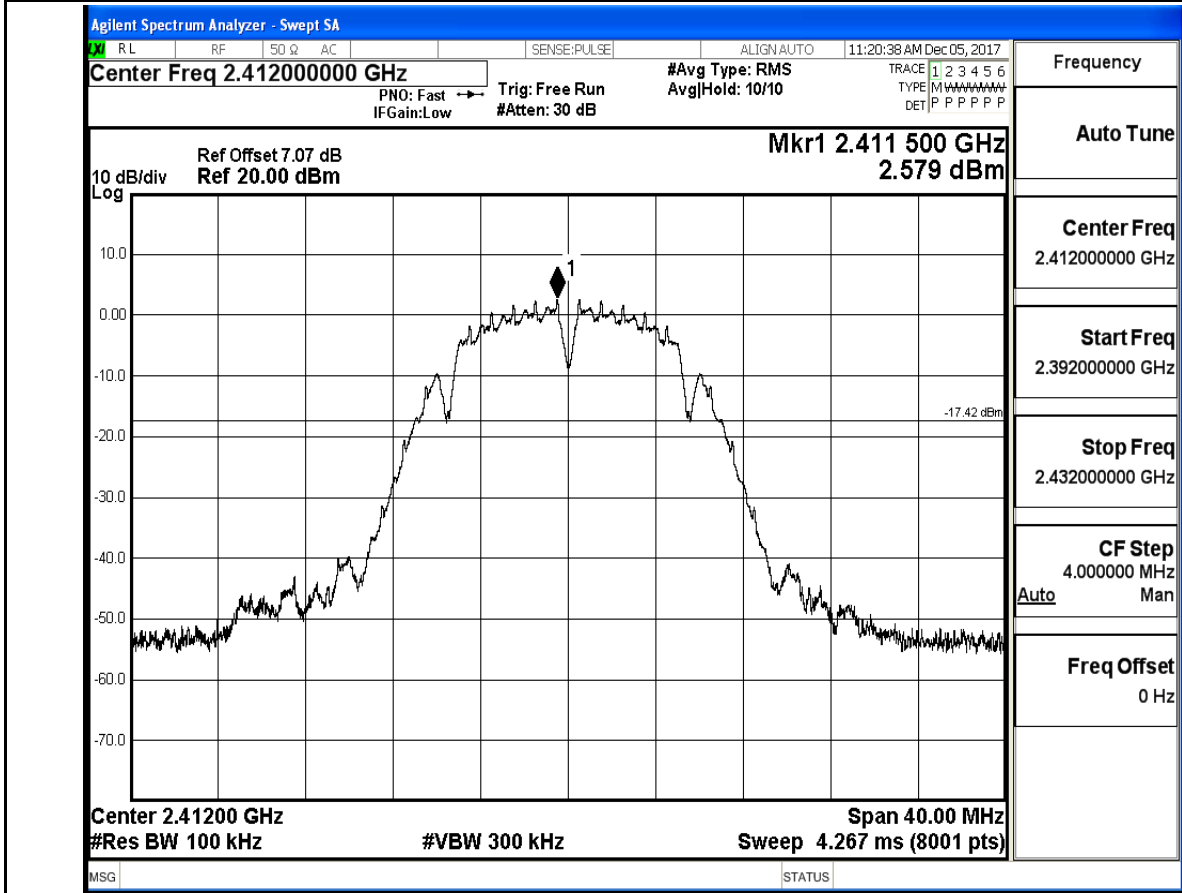
CF Step
7.000000 MHz
Auto Man

Freq Offset
0 Hz

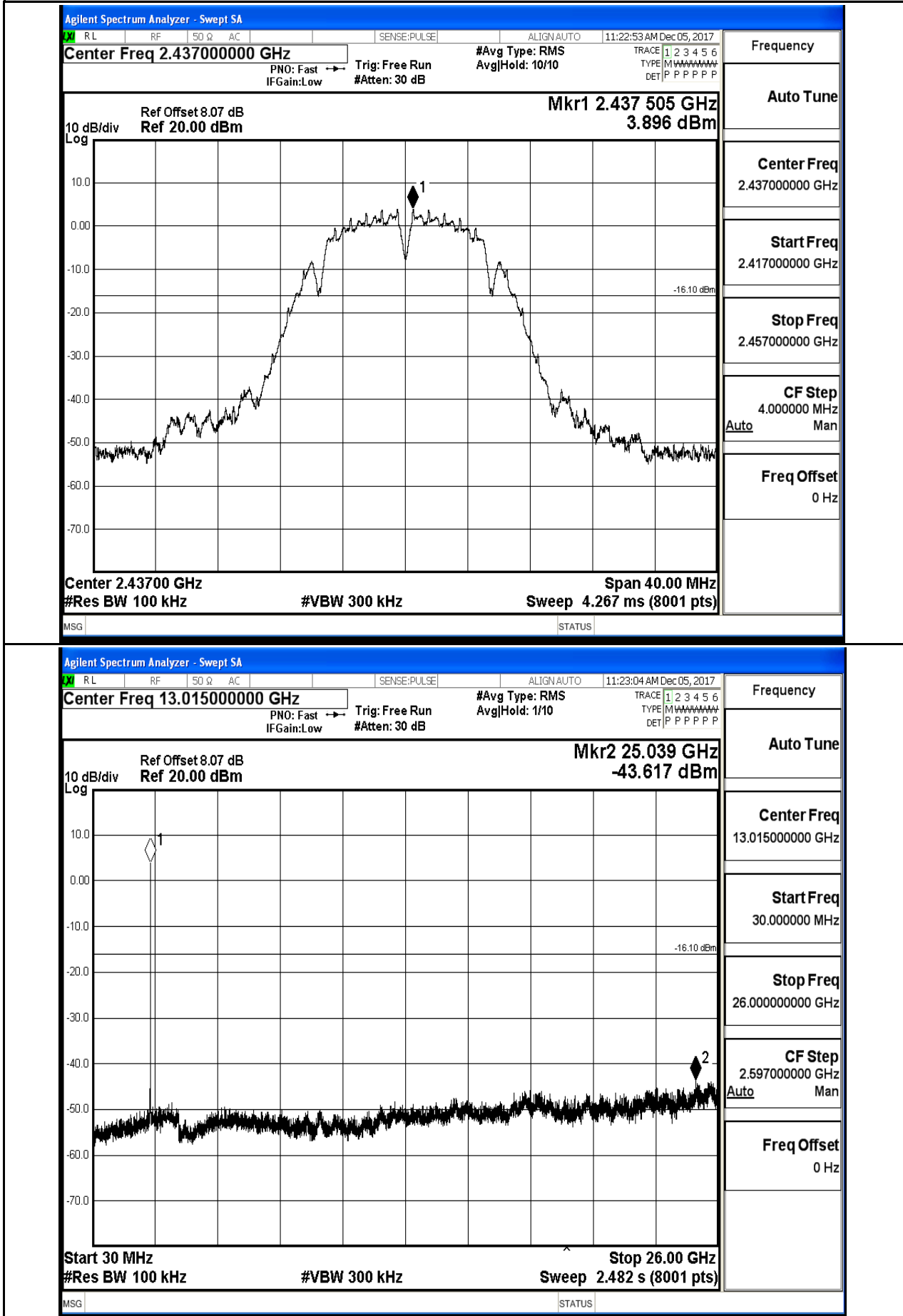
5.RF Conducted Spurious Emissions

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	2.579	-44.076	<-17.421	PASS
11B	2437	Ant1	30	26000	100	300	3.896	-43.617	<-16.104	PASS
11B	2462	Ant1	30	26000	100	300	3.995	-42.435	<-16.005	PASS
11G	2412	Ant1	30	26000	100	300	-6.119	-44.475	<-26.119	PASS
11G	2437	Ant1	30	26000	100	300	-5.631	-43.991	<-25.631	PASS
11G	2462	Ant1	30	26000	100	300	-5.419	-43.837	<-25.419	PASS
11N20SISO	2412	Ant1	30	26000	100	300	-7.429	-44.288	<-27.429	PASS
11N20SISO	2437	Ant1	30	26000	100	300	-7.301	-44.524	<-27.301	PASS
11N20SISO	2462	Ant1	30	26000	100	300	-7.036	-44.715	<-27.036	PASS
11N40SISO	2422	Ant1	30	26000	100	300	-10.18	-43.935	<-30.18	PASS
11N40SISO	2437	Ant1	30	26000	100	300	-9.93	-43.947	<-29.93	PASS
11N40SISO	2452	Ant1	30	26000	100	300	-9.729	-44.027	<-29.729	PASS

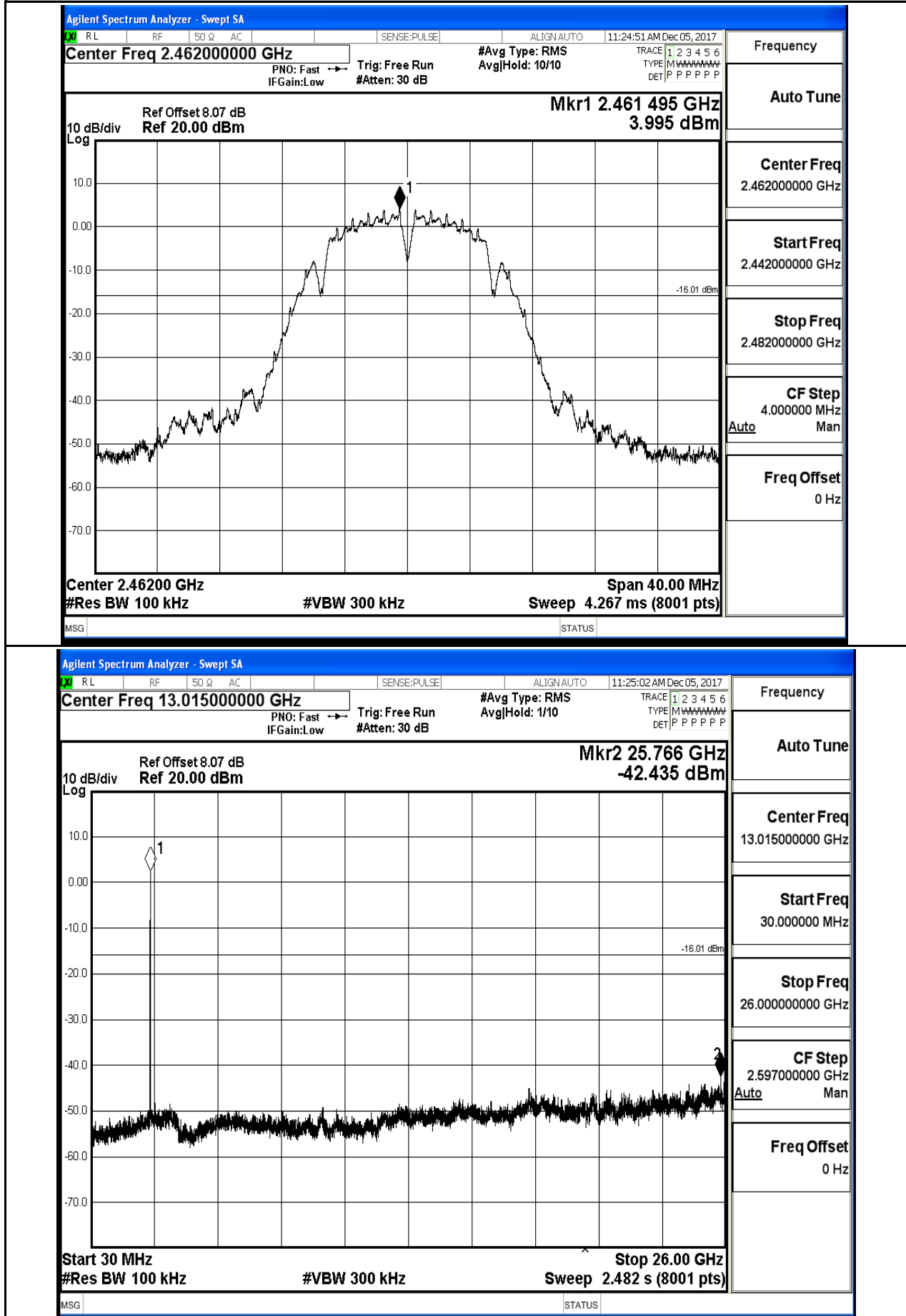
RF Conducted Spurious Emissions_11B_2412_Ant1



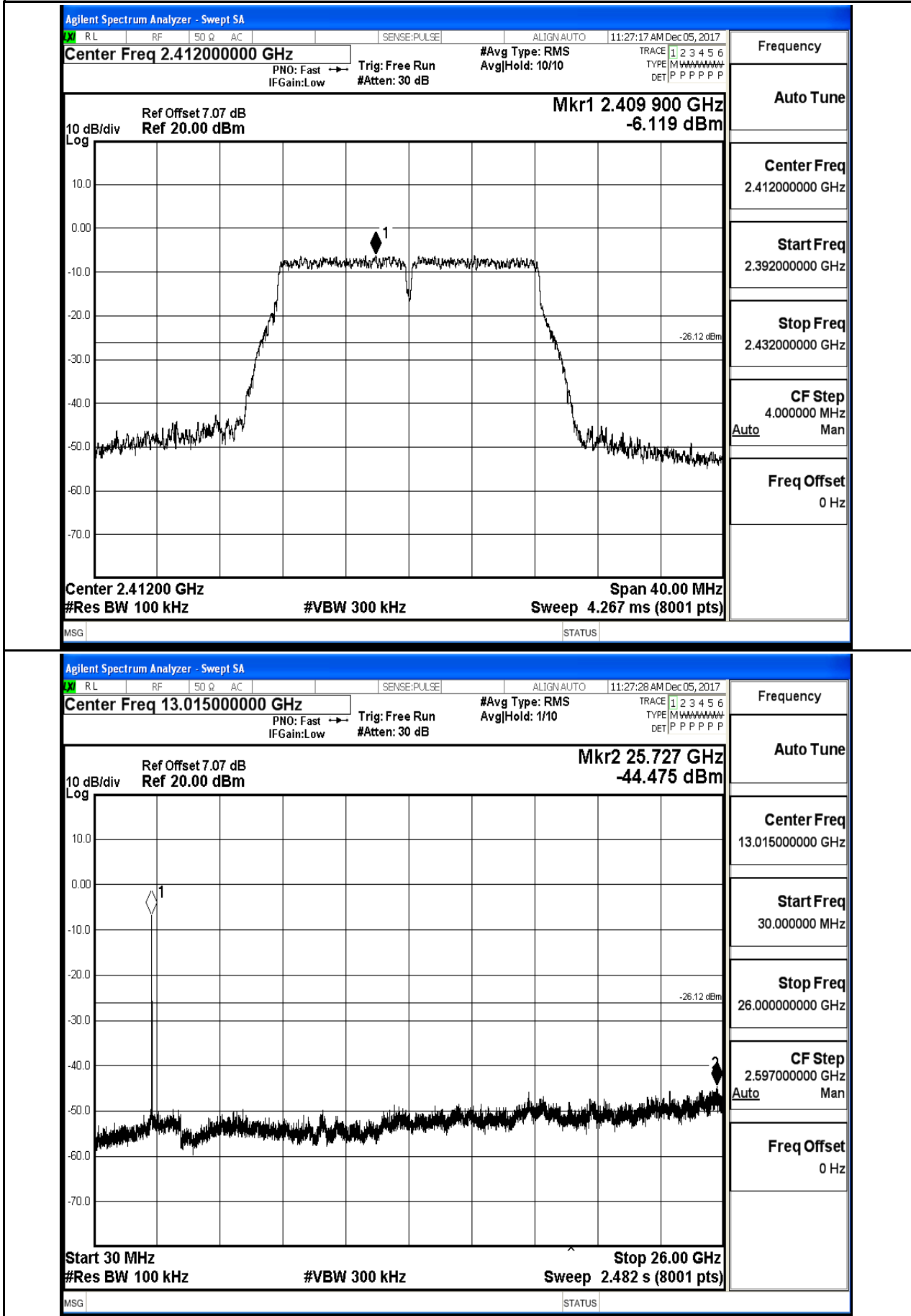
RF Conducted Spurious Emissions_11B_2437_Ant1



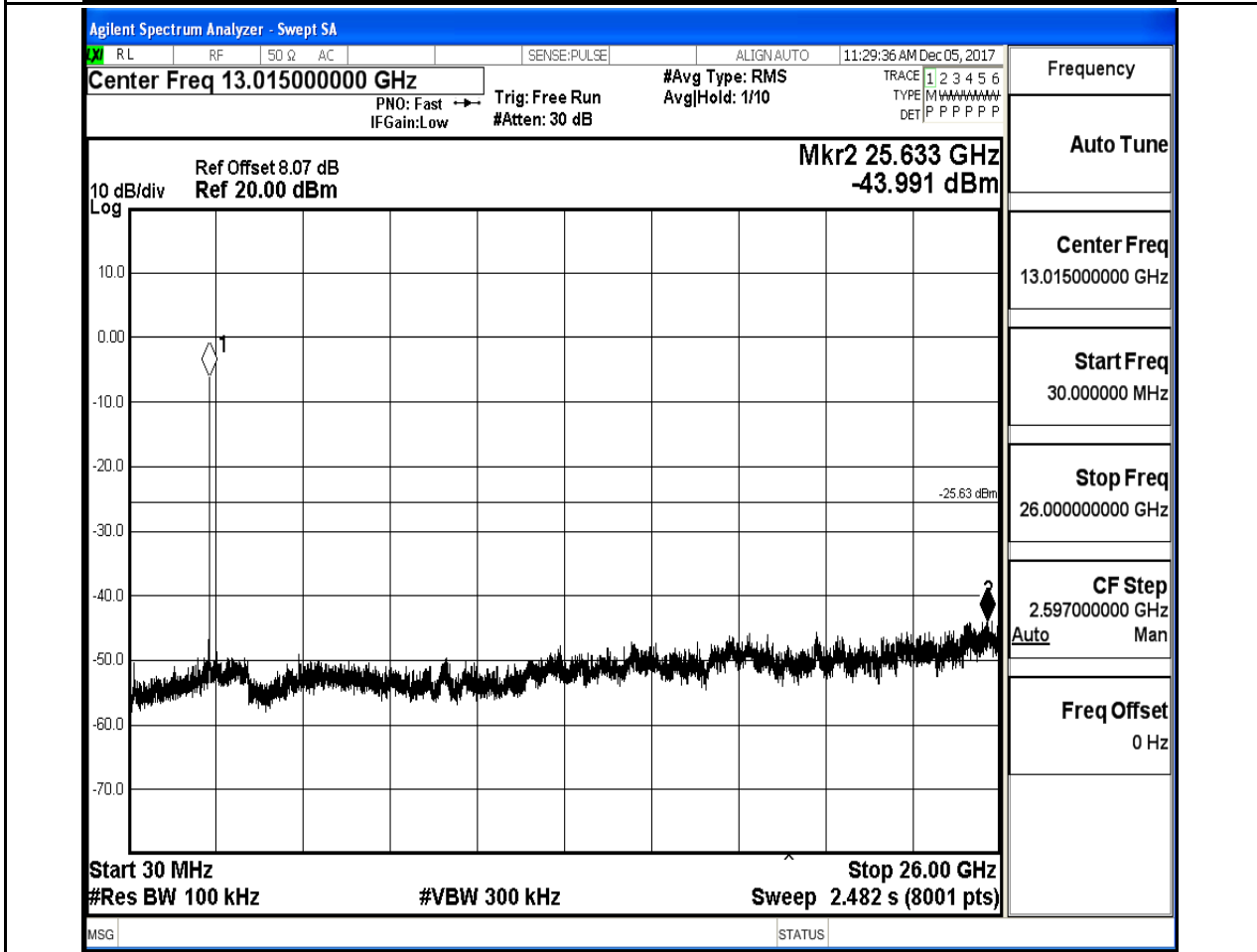
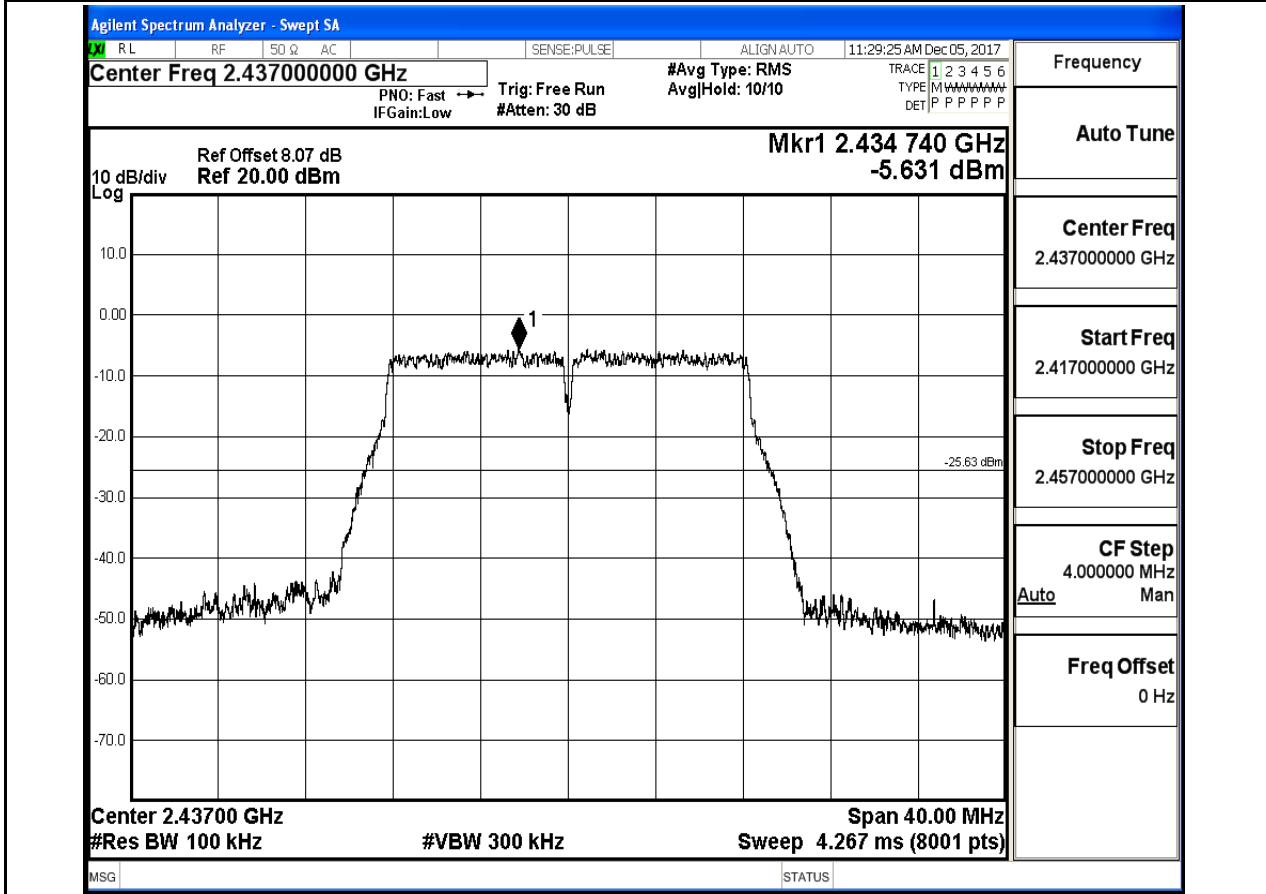
RF Conducted Spurious Emissions_11B_2462_Ant1



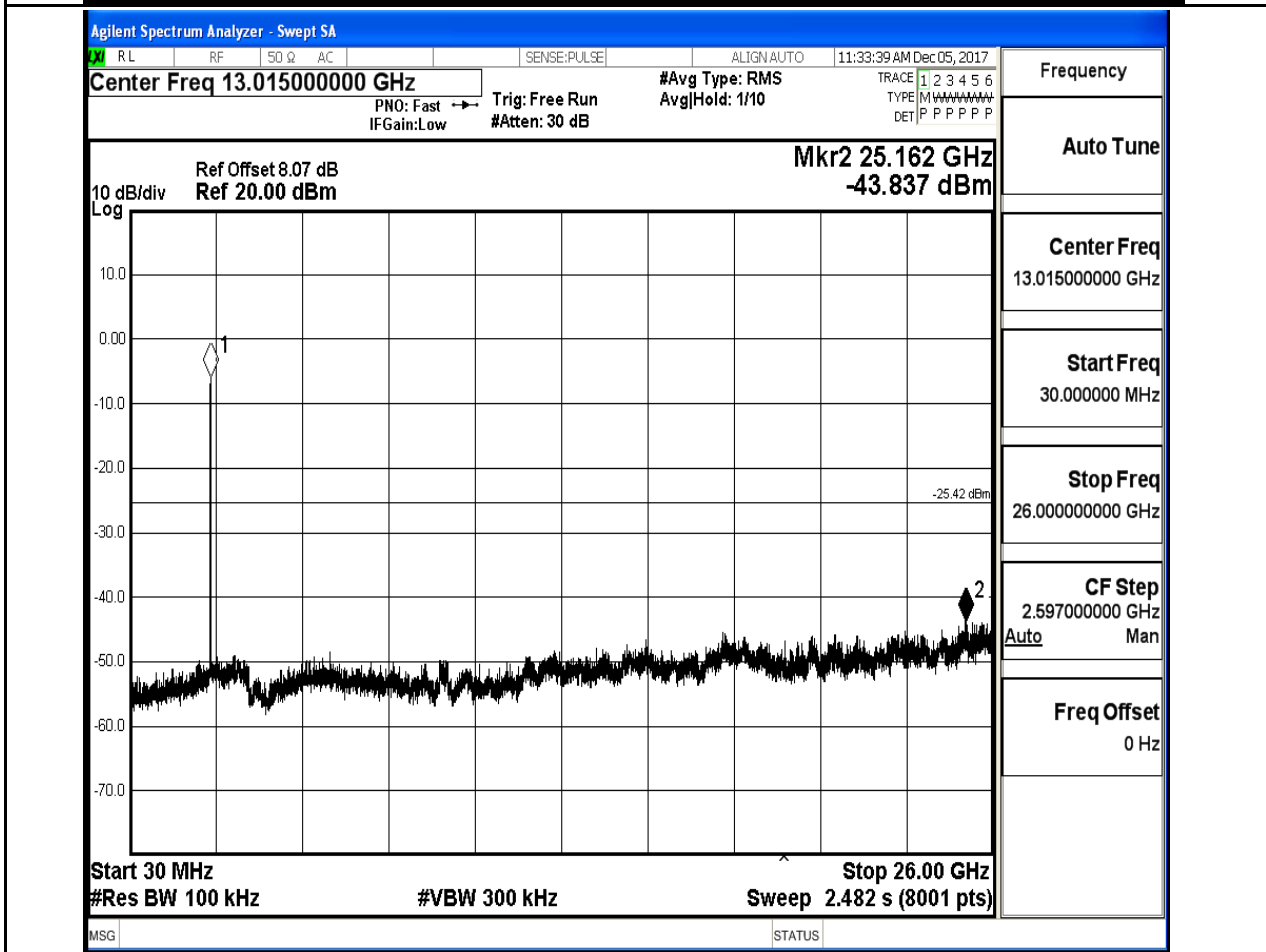
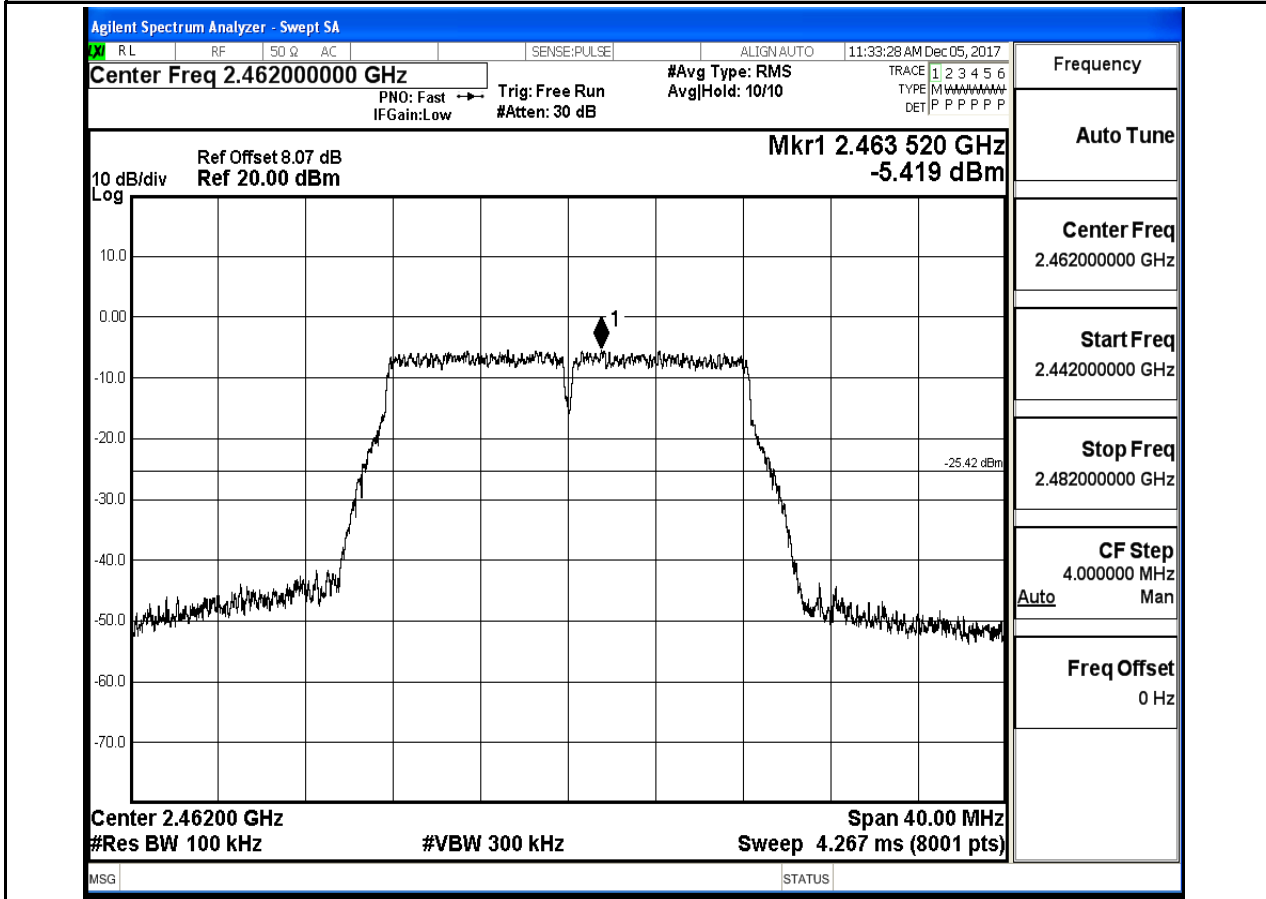
RF Conducted Spurious Emissions_11G_2412_Ant1



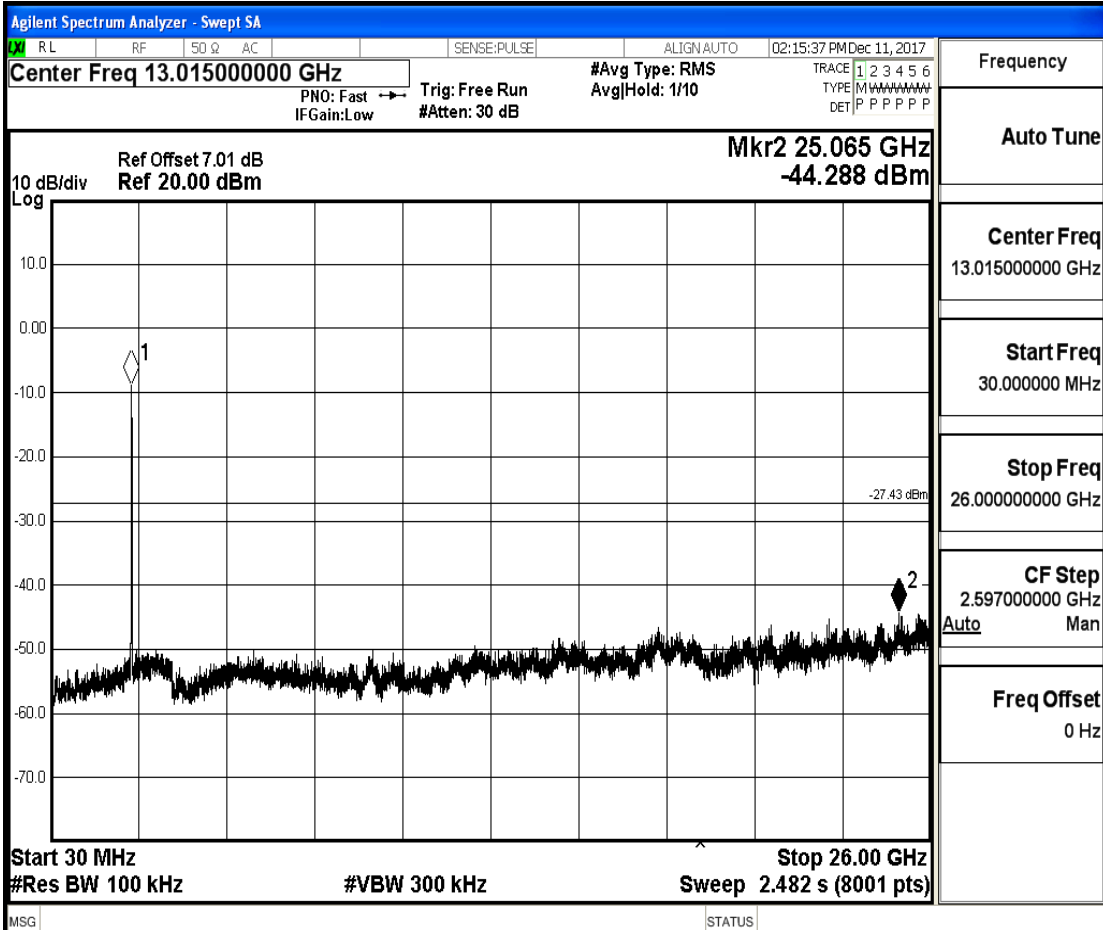
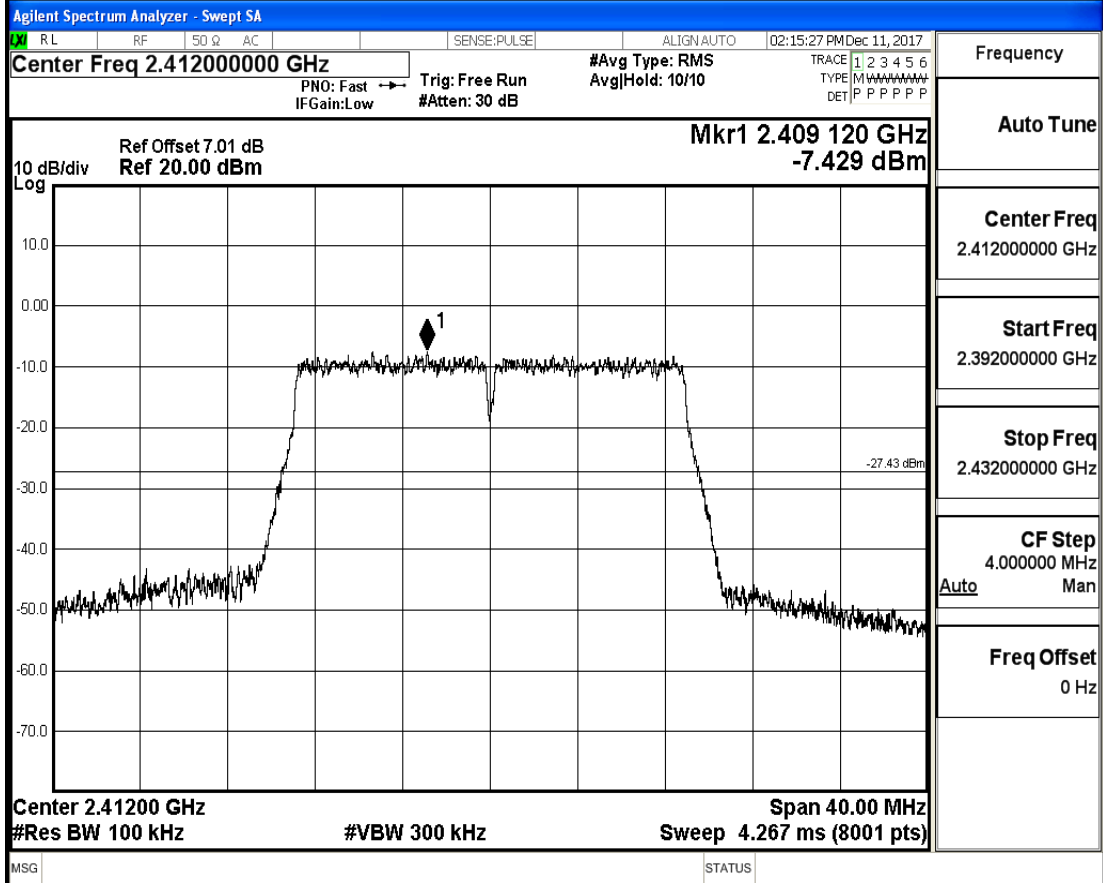
RF Conducted Spurious Emissions_11G_2437_Ant1



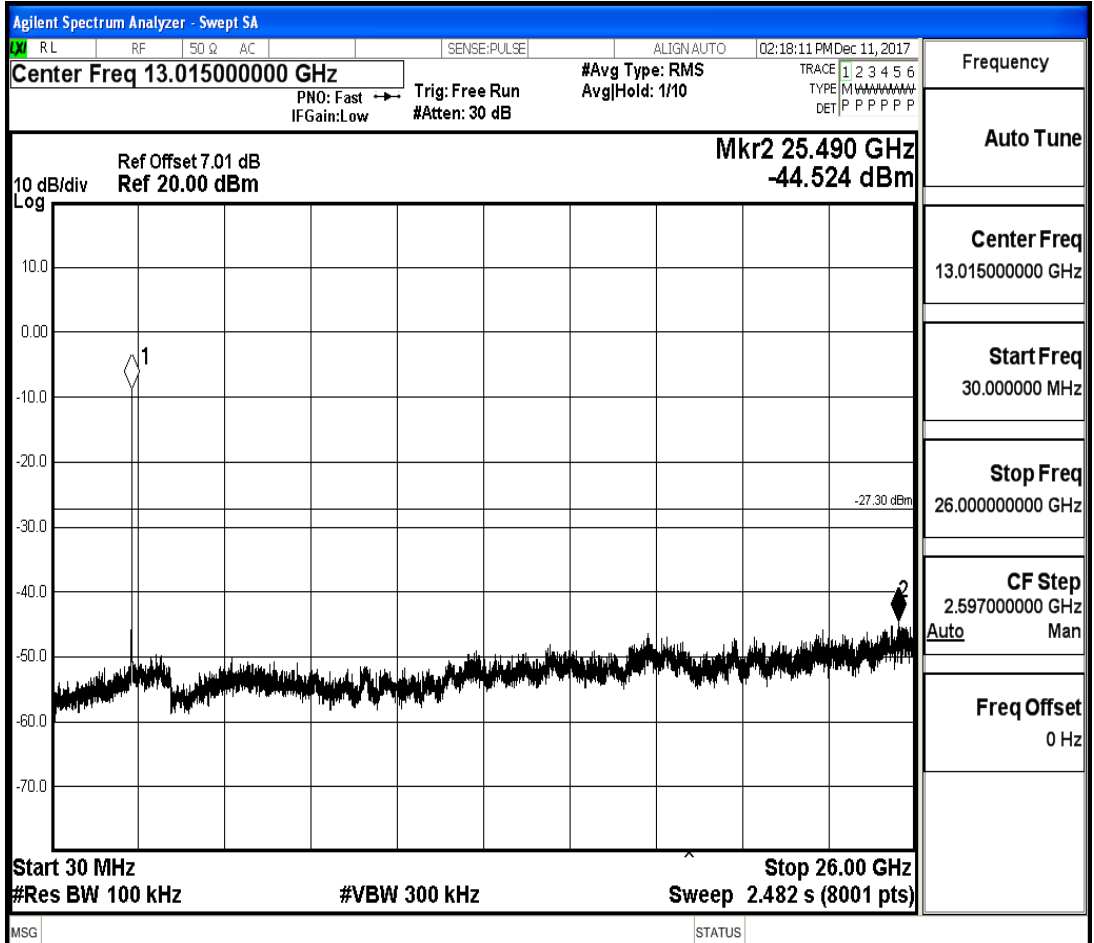
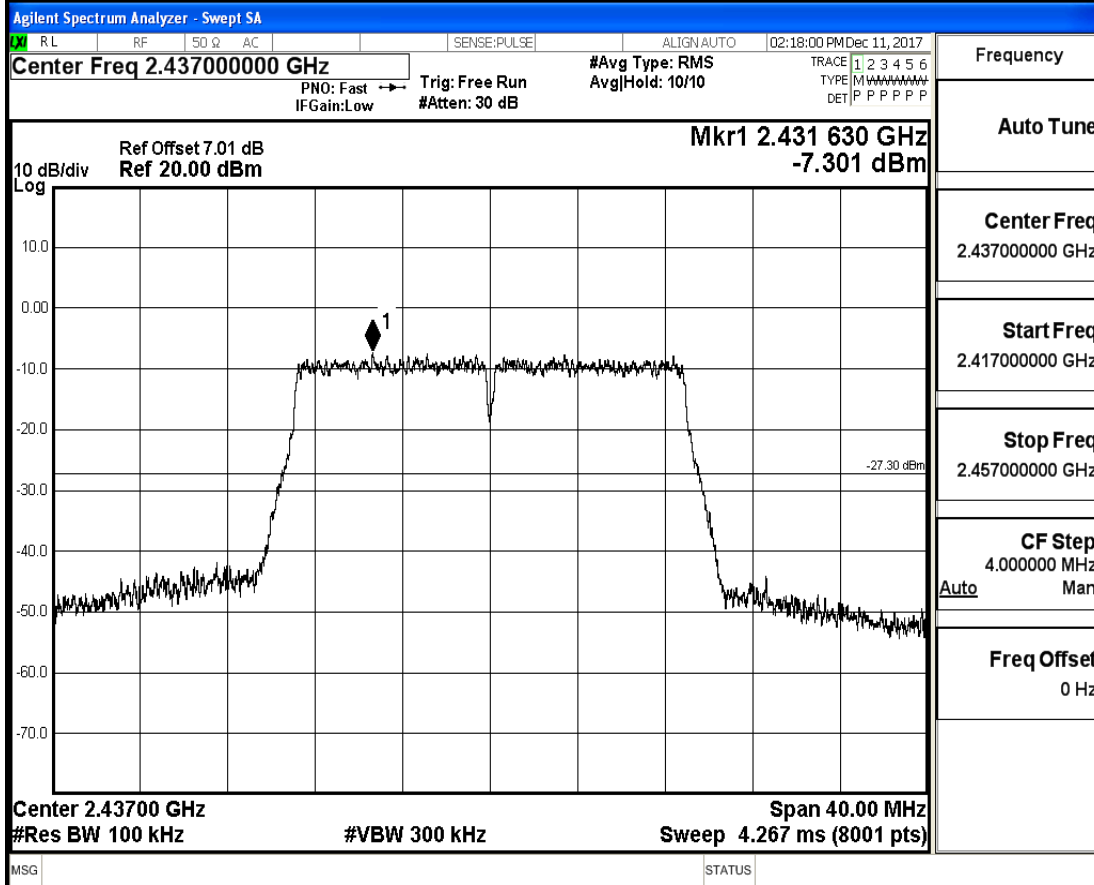
RF Conducted Spurious Emissions_11G_2462_Ant1



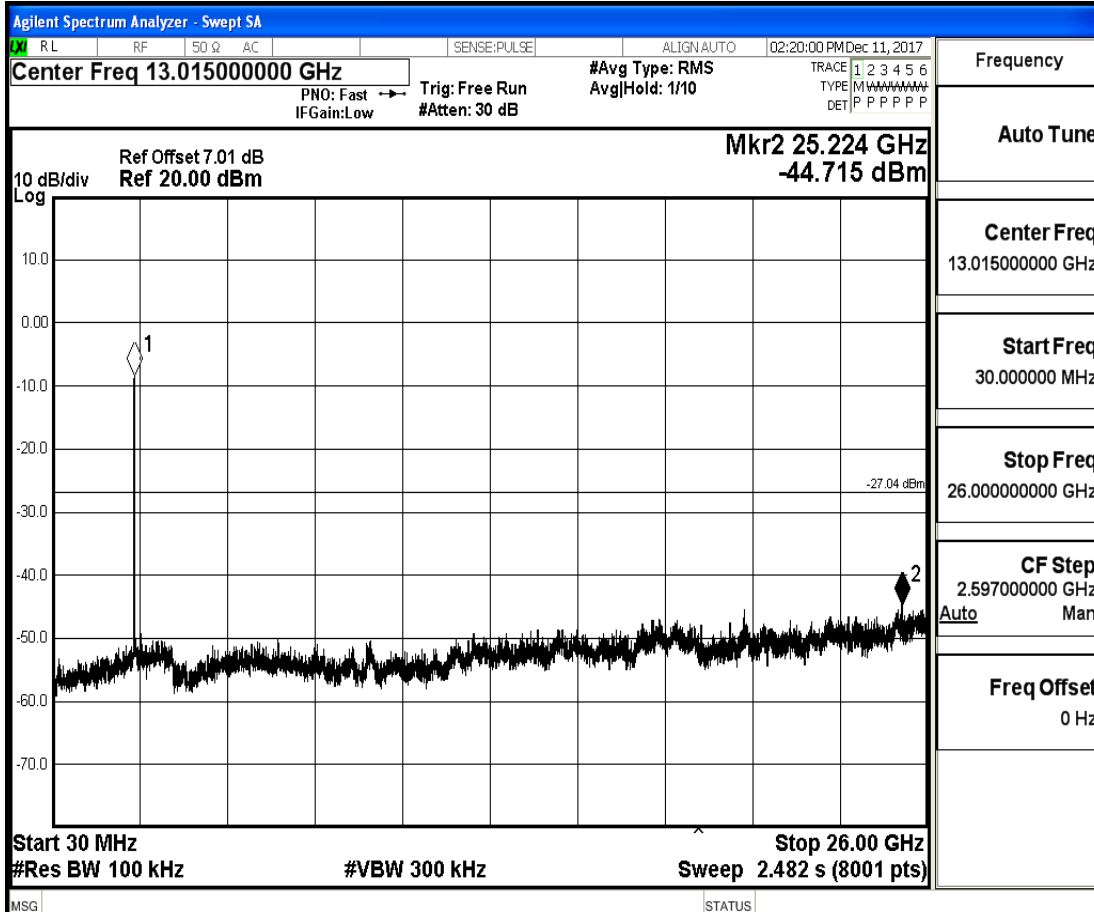
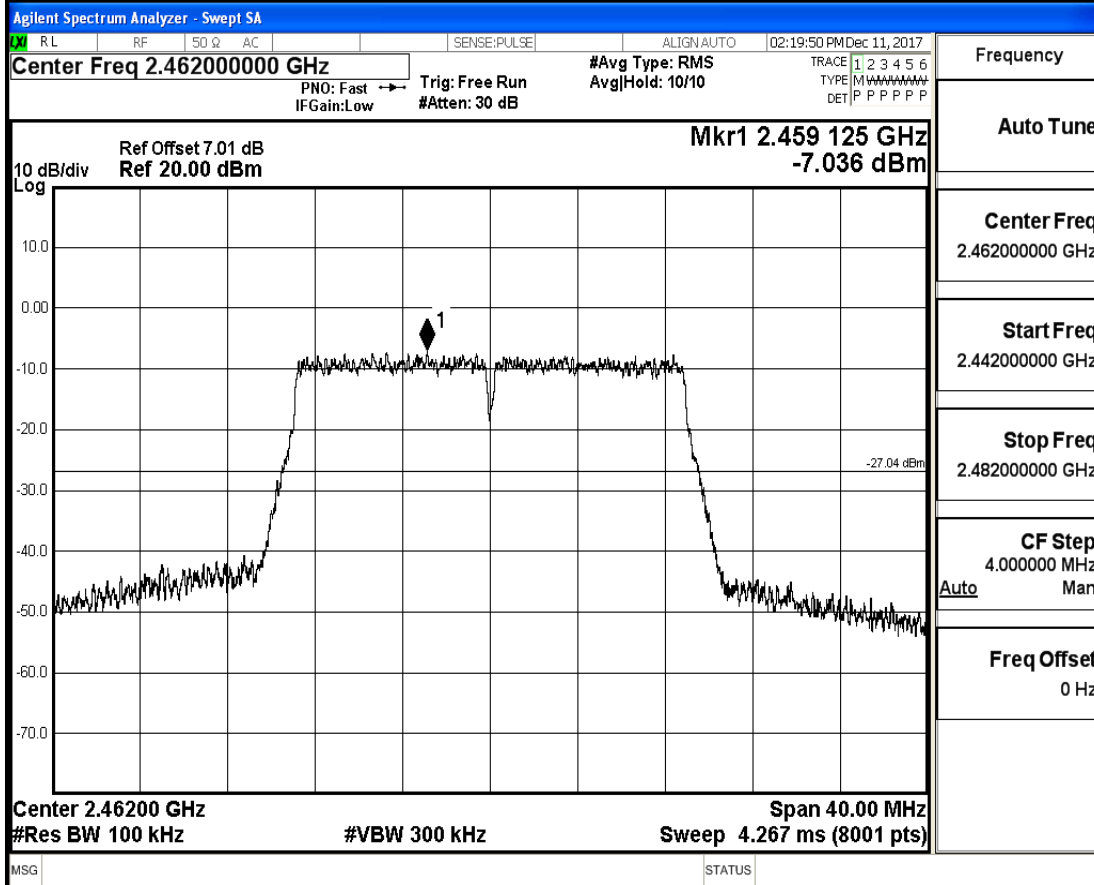
RF Conducted Spurious Emissions_11N20SISO_2412_Ant1



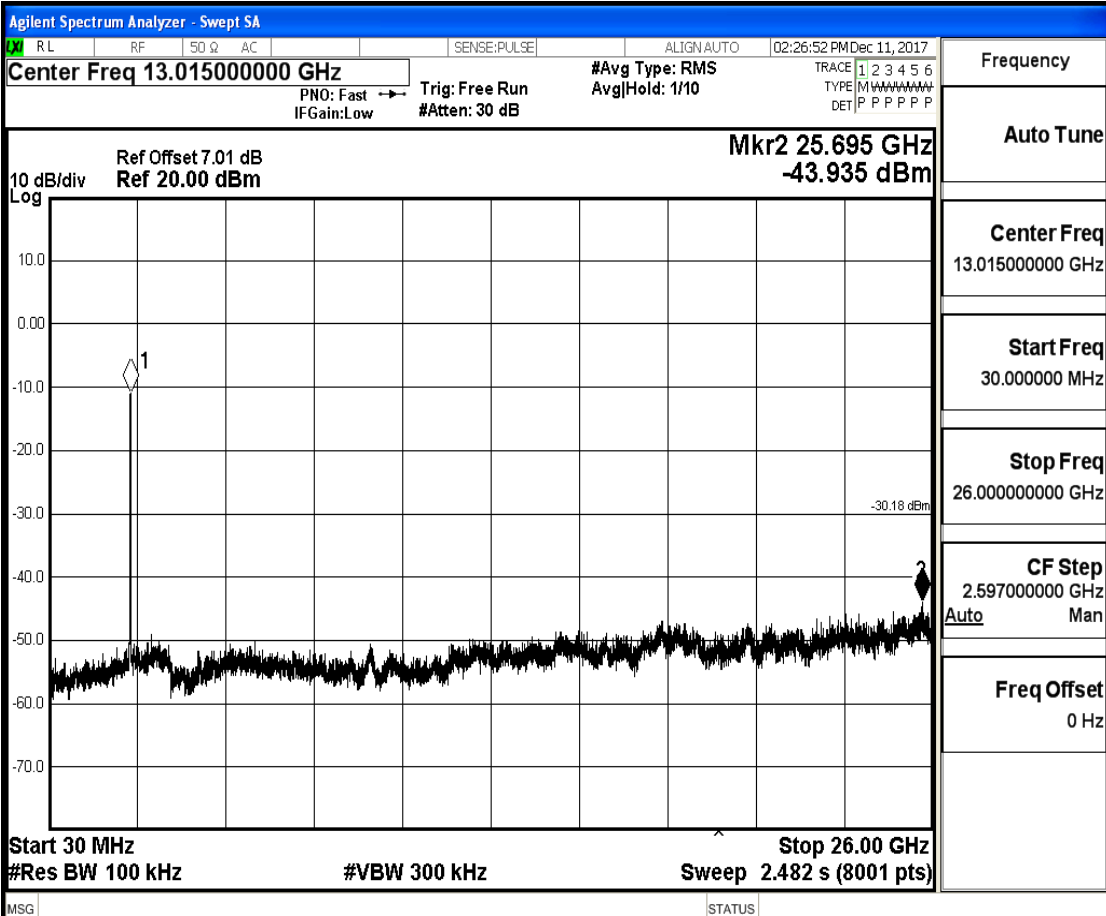
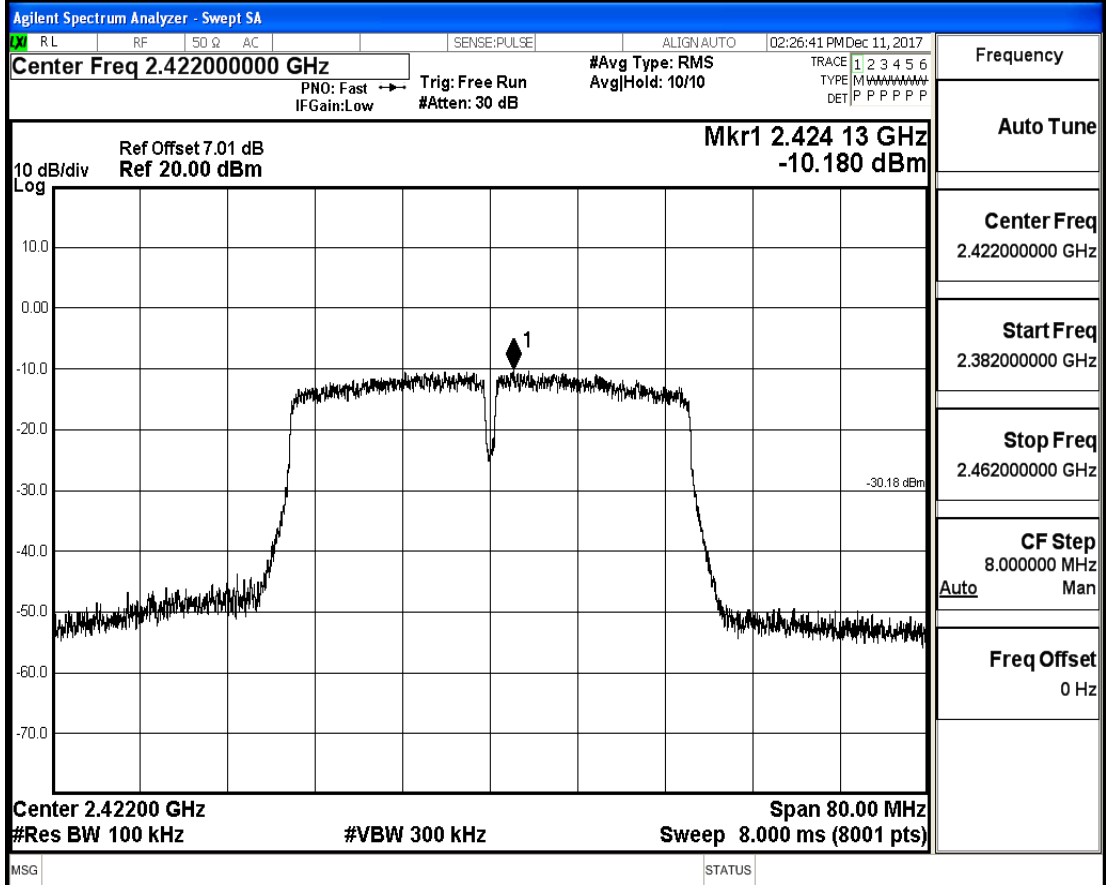
RF Conducted Spurious Emissions_11N20SISO_2437_Ant1



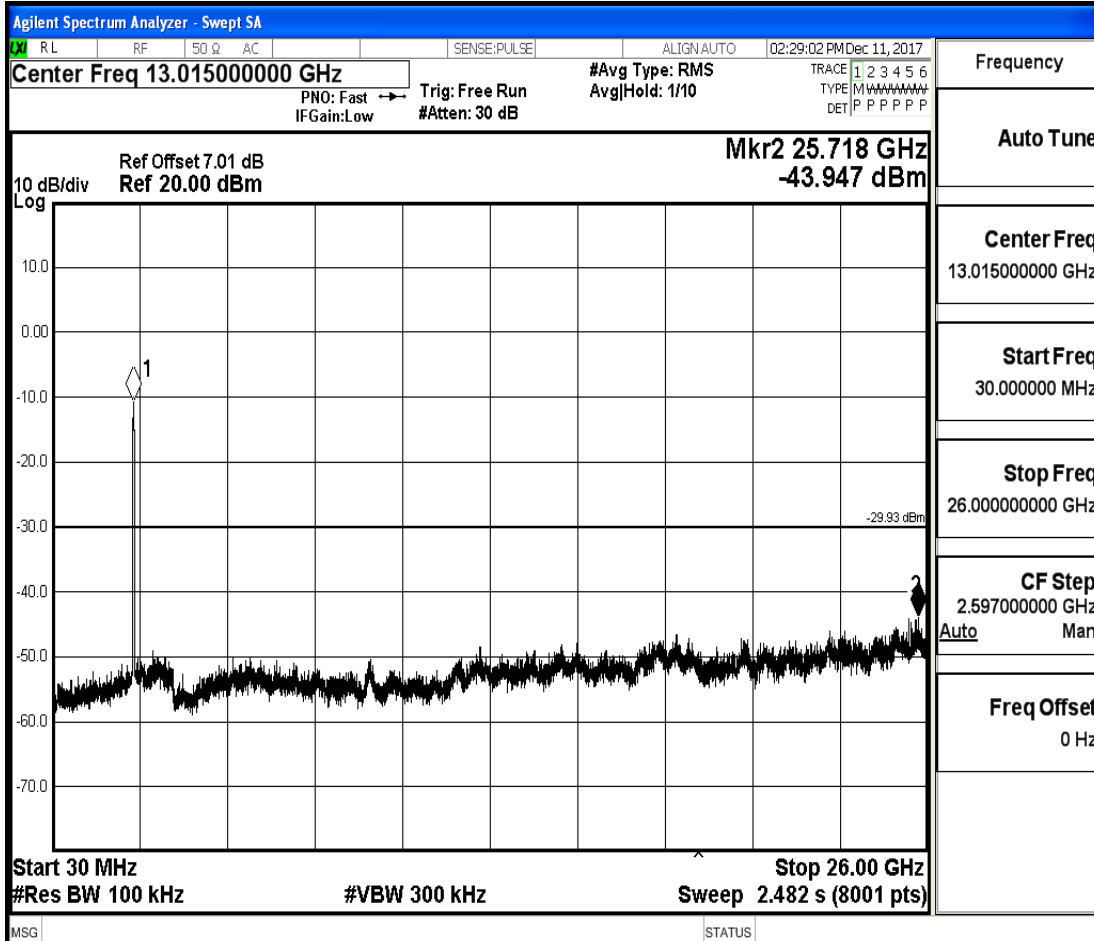
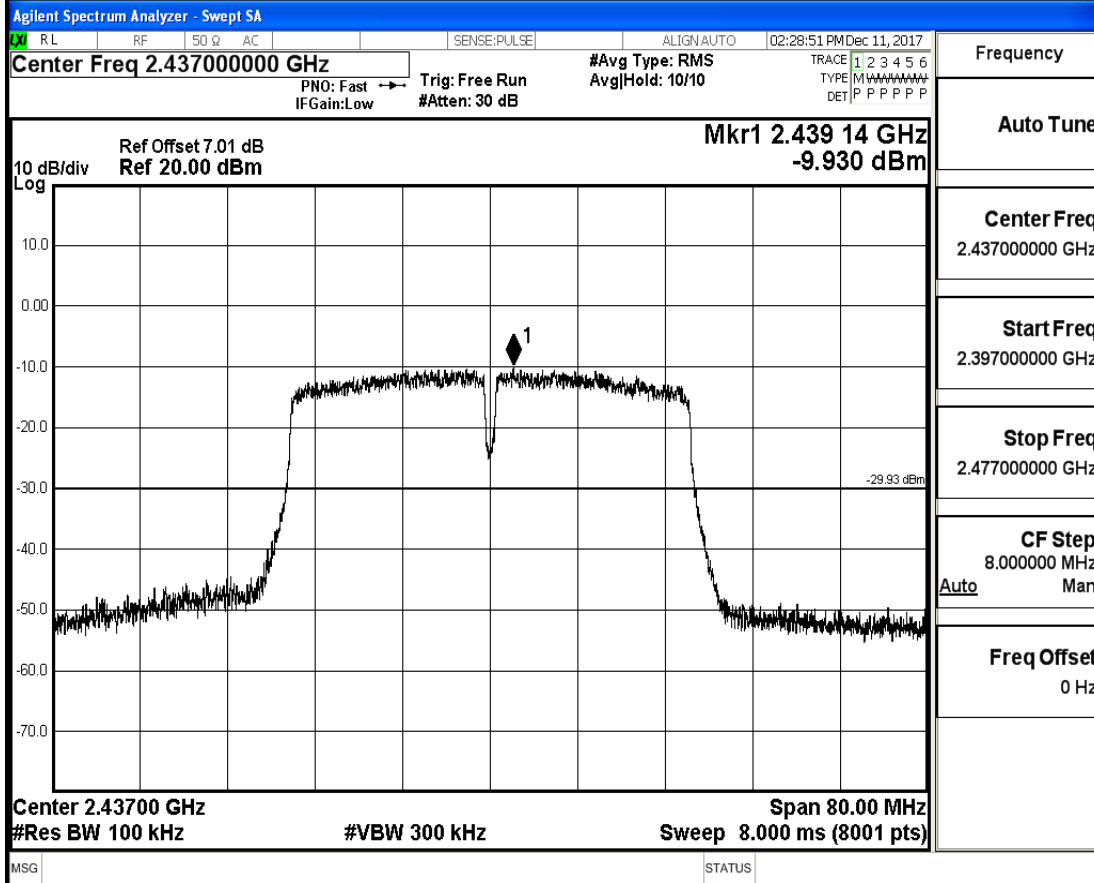
RF Conducted Spurious Emissions_11N20SISO_2462_Ant1



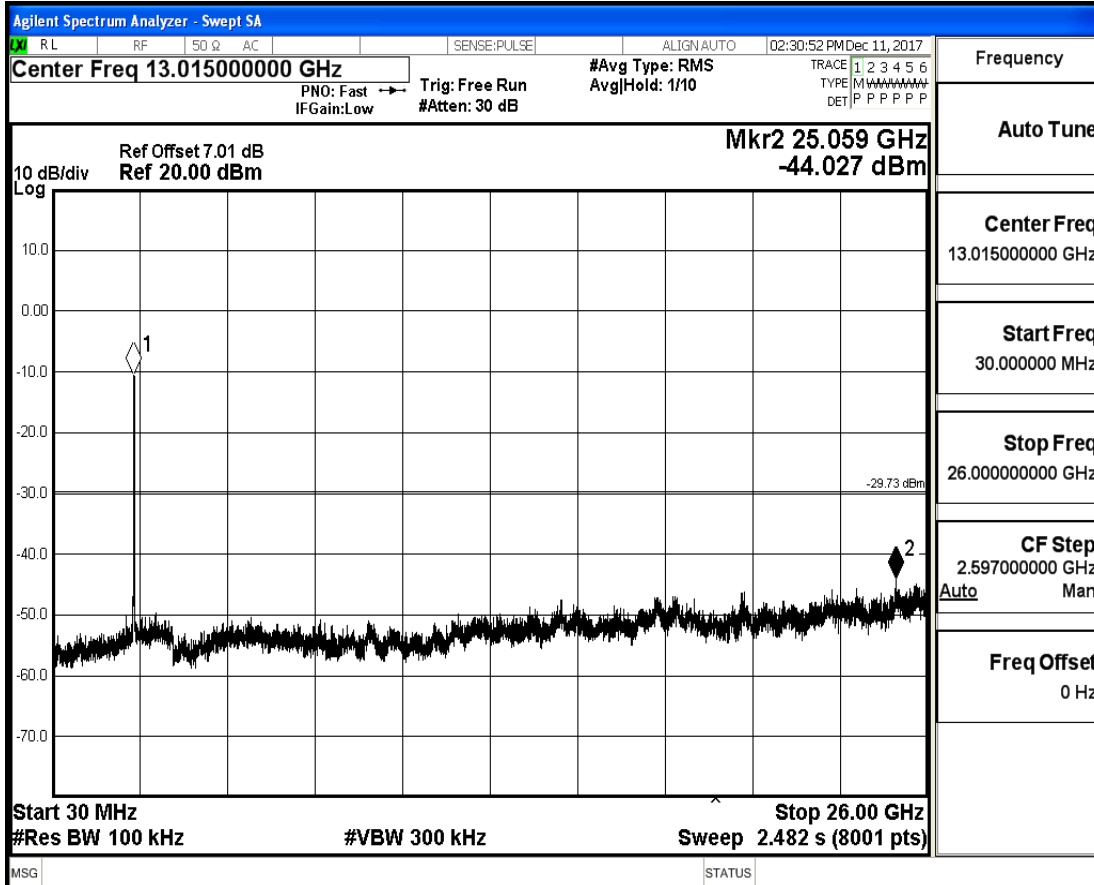
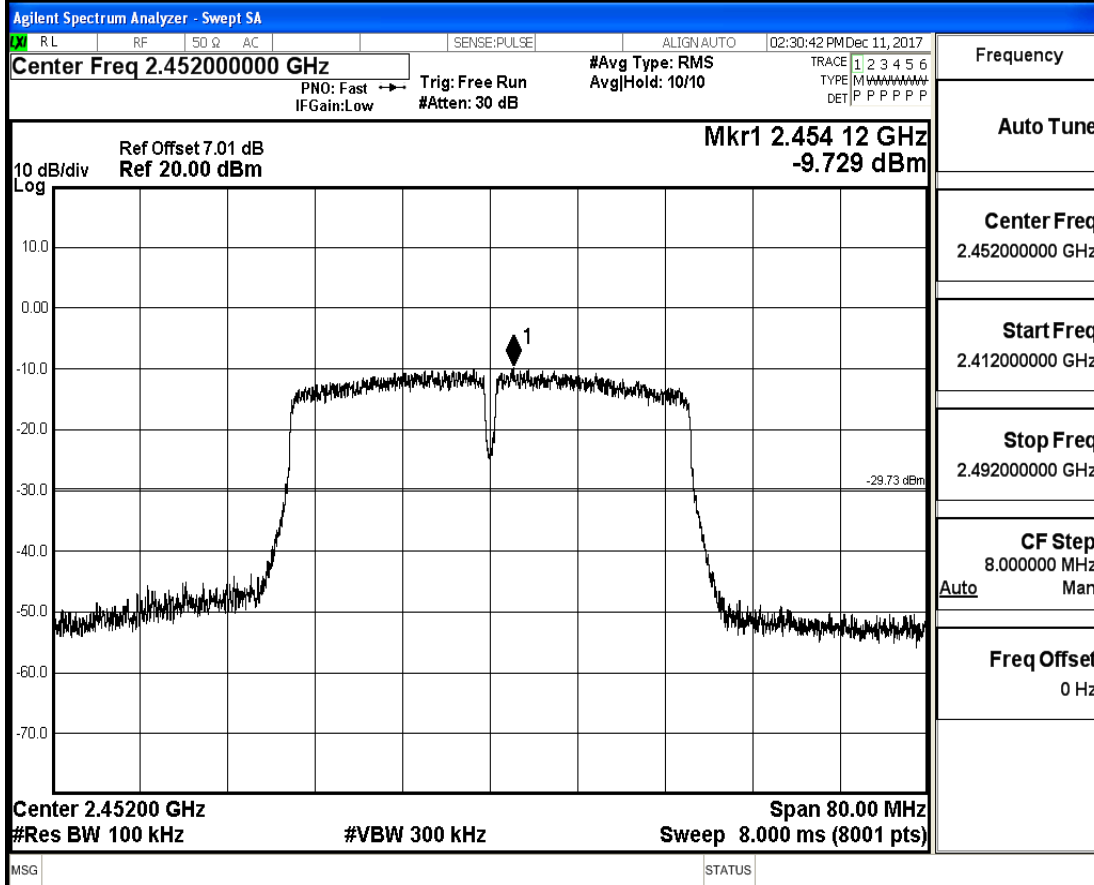
RF Conducted Spurious Emissions_11N40SISO_2422_Ant1



RF Conducted Spurious Emissions_11N40SISO_2437_Ant1



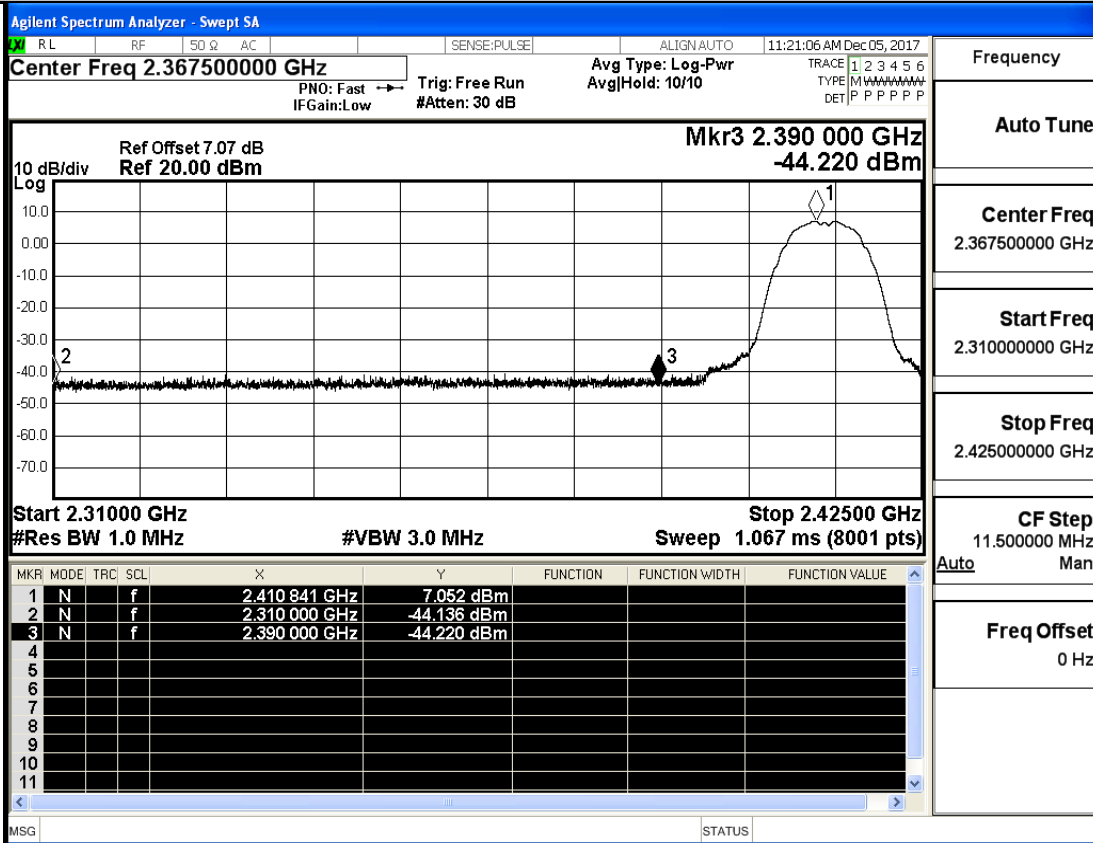
RF Conducted Spurious Emissions_11N40SISO_2452_Ant1



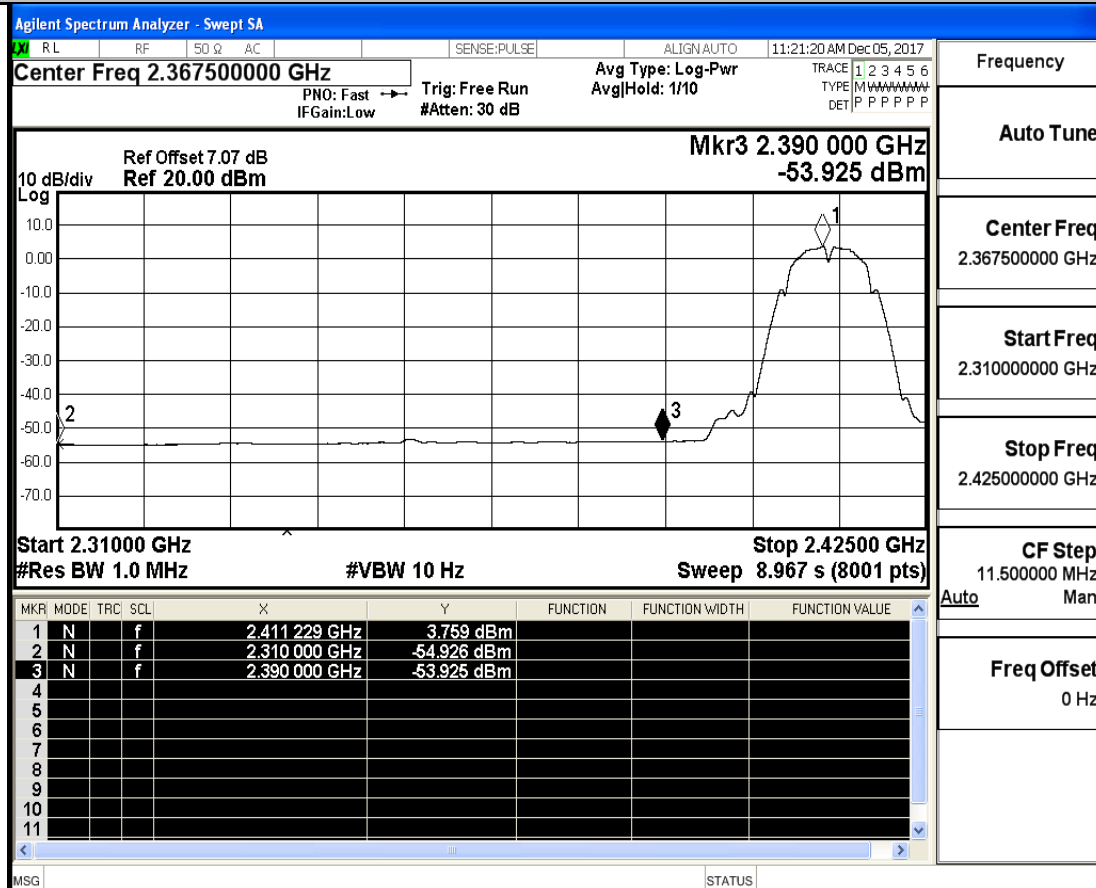
6.Restrict-band band-edge measurements

Test Mode	Test Channel	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
11B	2412	Ant1	2310.0	-44.14	3	0	54.06	PEAK	74	PASS
11B	2412	Ant1	2310.0	-54.93	3	0	43.27	AV	54	PASS
11B	2412	Ant1	2390.0	-44.22	3	0	53.98	PEAK	74	PASS
11B	2412	Ant1	2390.0	-53.93	3	0	44.27	AV	54	PASS
11B	2462	Ant1	2483.5	-42.05	3	0	56.15	PEAK	74	PASS
11B	2462	Ant1	2483.5	-51.88	3	0	46.32	AV	54	PASS
11B	2462	Ant1	2500.0	-41.18	3	0	57.02	PEAK	74	PASS
11B	2462	Ant1	2500.0	-52.91	3	0	45.29	AV	54	PASS
11G	2412	Ant1	2310.0	-44.15	3	0	54.05	PEAK	74	PASS
11G	2412	Ant1	2310.0	-54.87	3	0	43.33	AV	54	PASS
11G	2412	Ant1	2390.0	-41.21	3	0	56.99	PEAK	74	PASS
11G	2412	Ant1	2390.0	-52.59	3	0	45.61	AV	54	PASS
11G	2462	Ant1	2483.5	-41.62	3	0	56.58	PEAK	74	PASS
11G	2462	Ant1	2483.5	-52.13	3	0	46.07	AV	54	PASS
11G	2462	Ant1	2500.0	-41.72	3	0	56.48	PEAK	74	PASS
11G	2462	Ant1	2500.0	-52.55	3	0	45.65	AV	54	PASS
11N20SISO	2412	Ant1	2310.0	-44.92	3	0	53.28	PEAK	74	PASS
11N20SISO	2412	Ant1	2310.0	-54.88	3	0	43.32	AV	54	PASS
11N20SISO	2412	Ant1	2390.0	-41.55	3	0	56.65	PEAK	74	PASS
11N20SISO	2412	Ant1	2390.0	-52.42	3	0	45.78	AV	54	PASS
11N20SISO	2462	Ant1	2483.5	-42.14	3	0	56.06	PEAK	74	PASS
11N20SISO	2462	Ant1	2483.5	-52.10	3	0	46.10	AV	54	PASS
11N20SISO	2462	Ant1	2500.0	-42.31	3	0	55.89	PEAK	74	PASS
11N20SISO	2462	Ant1	2500.0	-52.54	3	0	45.66	AV	54	PASS
11N40SISO	2422	Ant1	2310.0	-43.34	3	0	54.86	PEAK	74	PASS
11N40SISO	2422	Ant1	2310.0	-53.90	3	0	44.30	AV	54	PASS
11N40SISO	2422	Ant1	2390.0	-38.66	3	0	59.54	PEAK	74	PASS
11N40SISO	2422	Ant1	2390.0	-50.25	3	0	47.95	AV	54	PASS
11N40SISO	2452	Ant1	2483.5	-41.01	3	0	57.19	PEAK	74	PASS
11N40SISO	2452	Ant1	2483.5	-51.65	3	0	46.55	AV	54	PASS
11N40SISO	2452	Ant1	2500.0	-43.08	3	0	55.12	PEAK	74	PASS
11N40SISO	2452	Ant1	2500.0	-52.47	3	0	45.73	AV	54	PASS

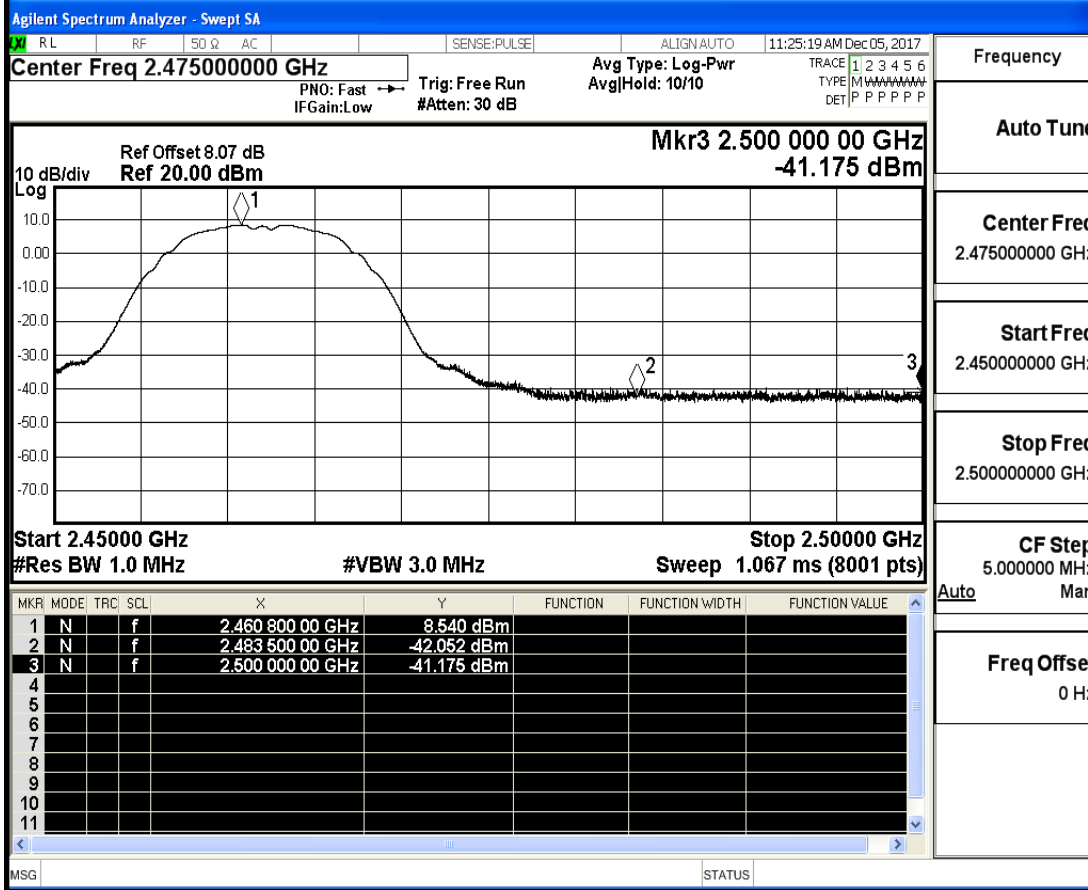
Restrict-band band-edge measurements_11B_2412_Ant1_PEAK



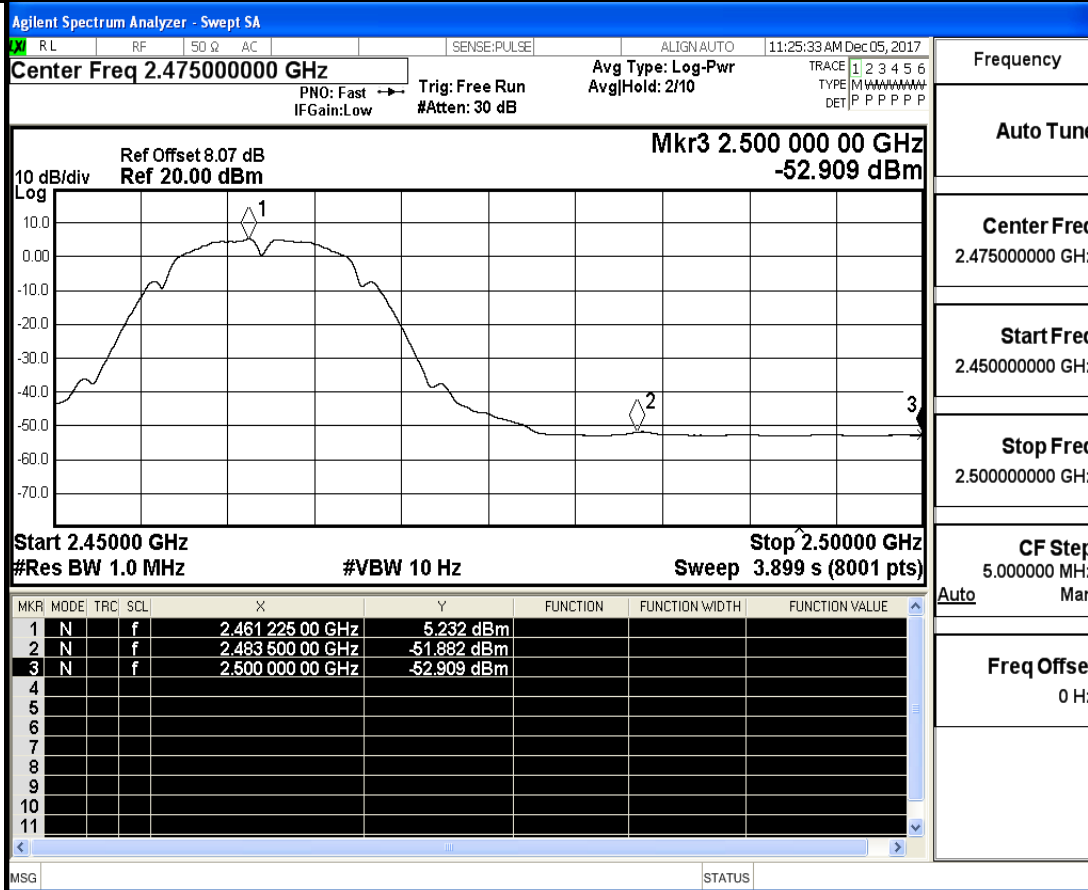
Restrict-band band-edge measurements 11B 2412 Ant1 AV



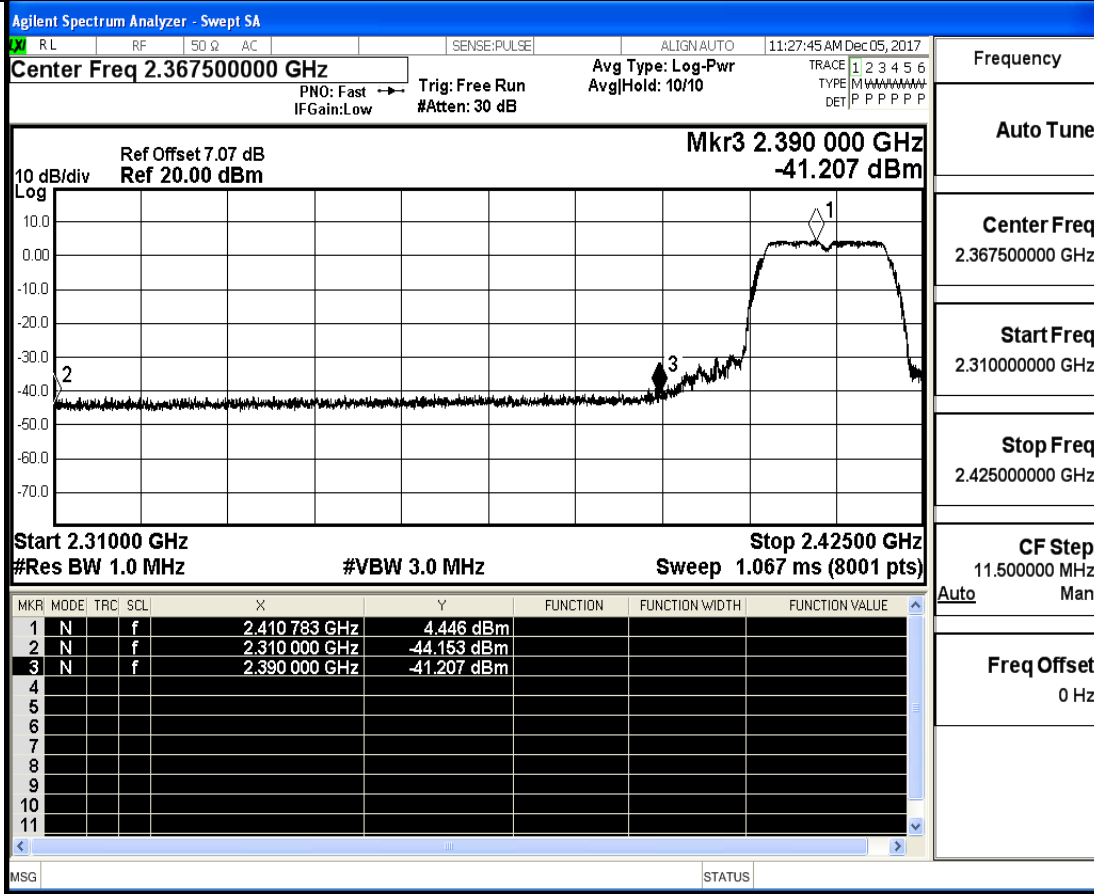
Restrict-band band-edge measurements_11B_2462_Ant1_PEAK



Restrict-band band-edge measurements_11B_2462_Ant1_AV



Restrict-band band-edge measurements_11G_2412_Ant1_PEAK



Frequency

Auto Tune

Center Freq
2.367500000 GHz

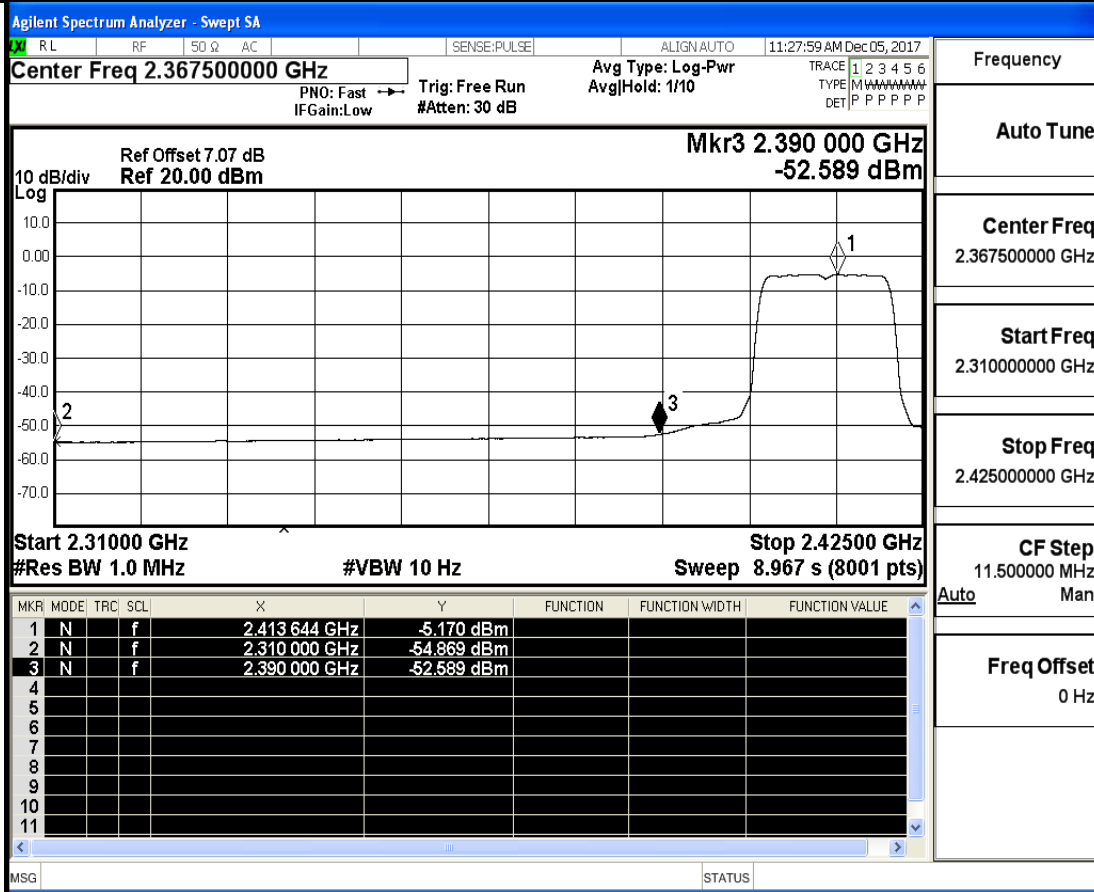
Start Freq
2.310000000 GHz

Stop Freq
2.425000000 GHz

CF Step
11.500000 MHz
Auto Man

Freq Offset
0 Hz

Restrict-band band-edge measurements_11G_2412_Ant1_AV



Frequency

Auto Tune

Center Freq
2.367500000 GHz

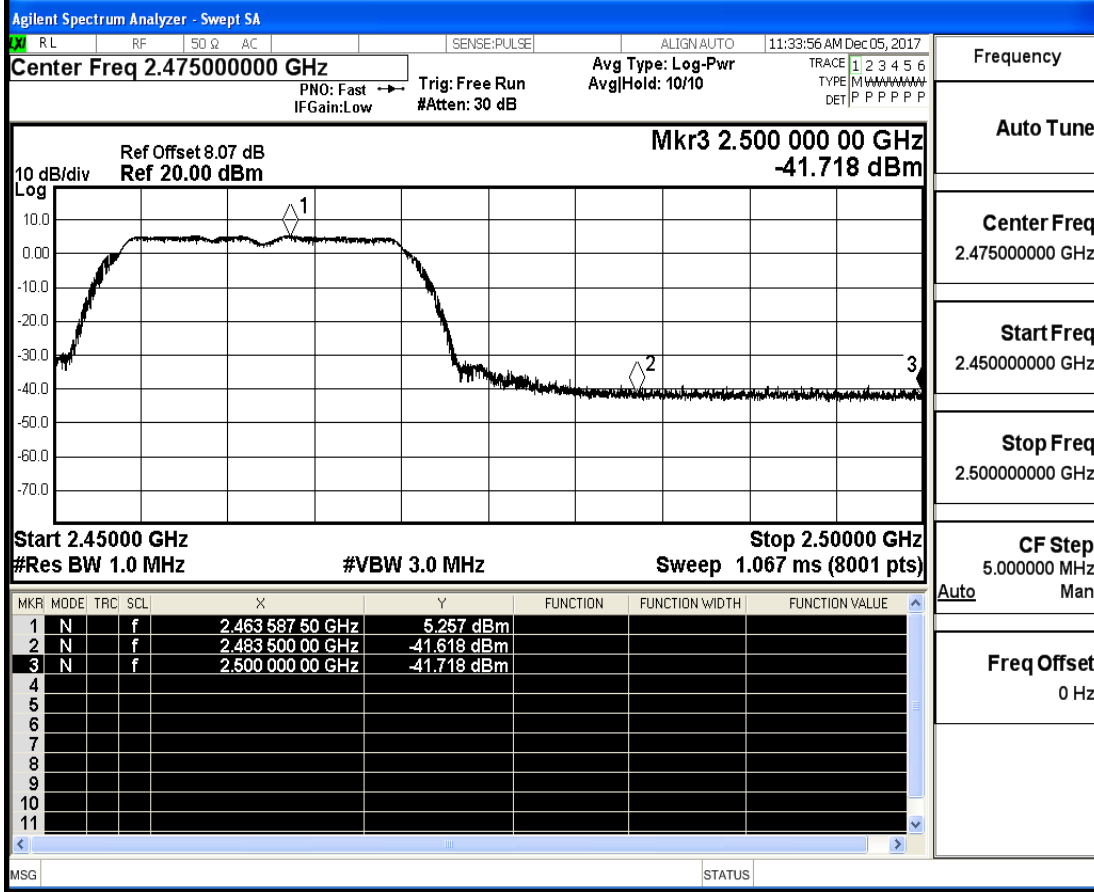
Start Freq
2.310000000 GHz

Stop Freq
2.425000000 GHz

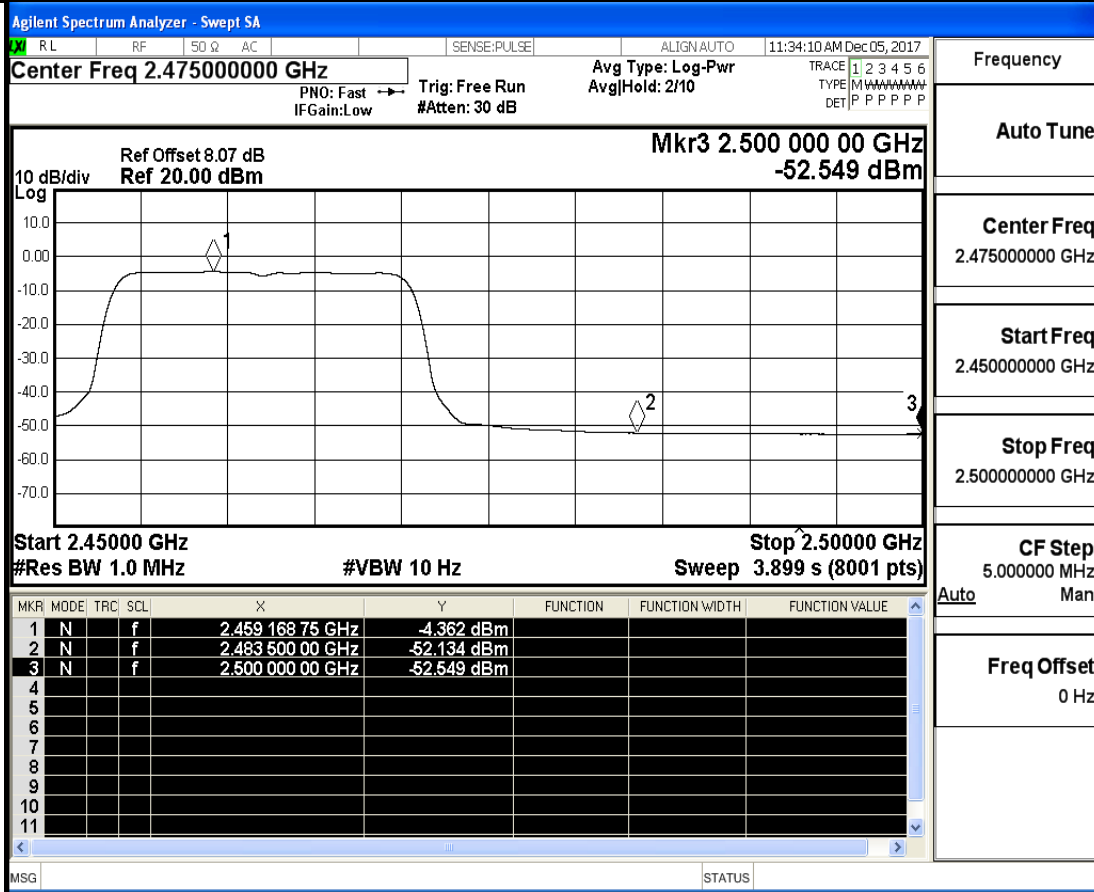
CF Step
11.500000 MHz
Auto Man

Freq Offset
0 Hz

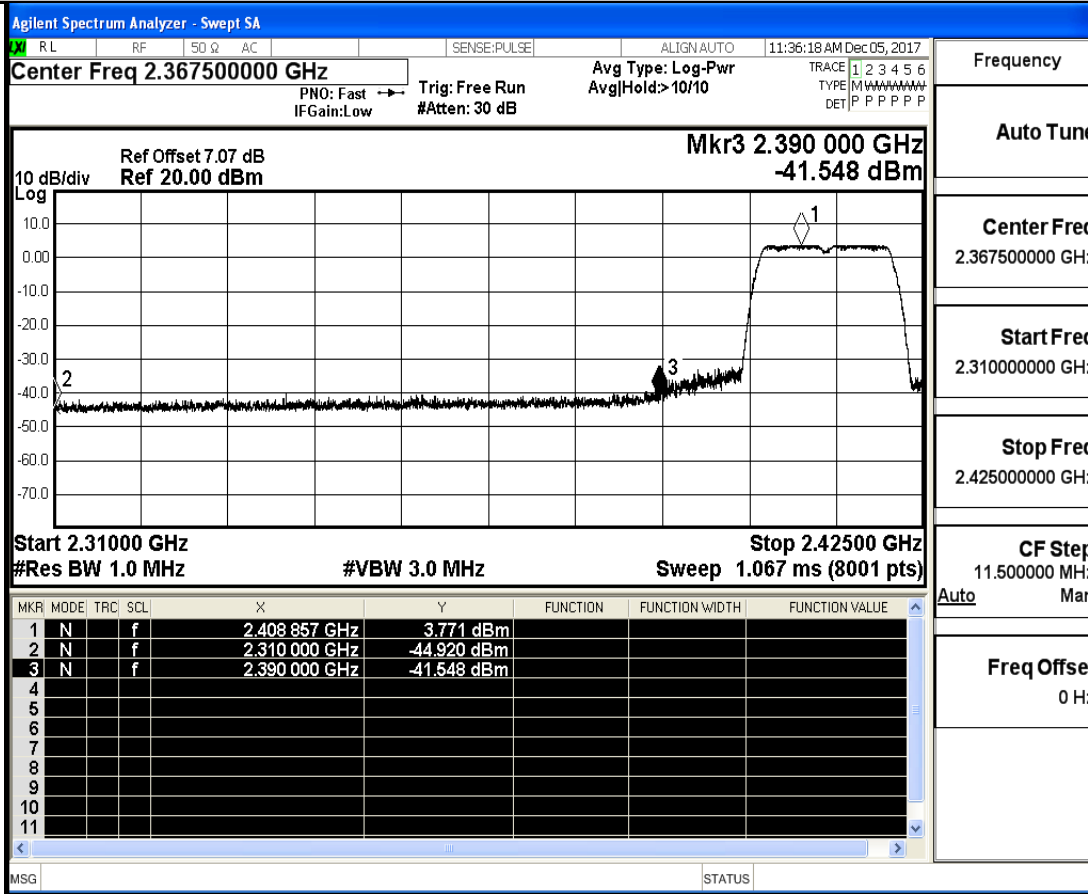
Restrict-band band-edge measurements_11G_2462_Ant1_PEAK



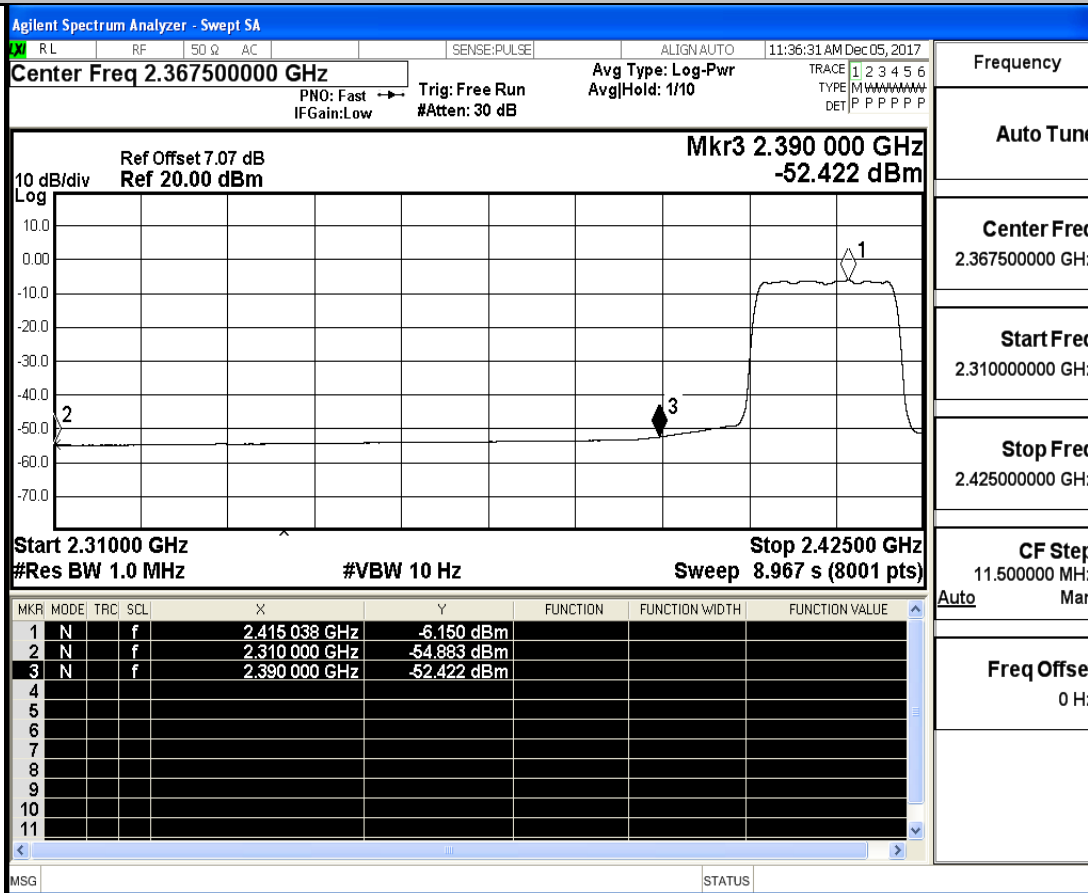
Restrict-band band-edge measurements_11G_2462_Ant1_AV



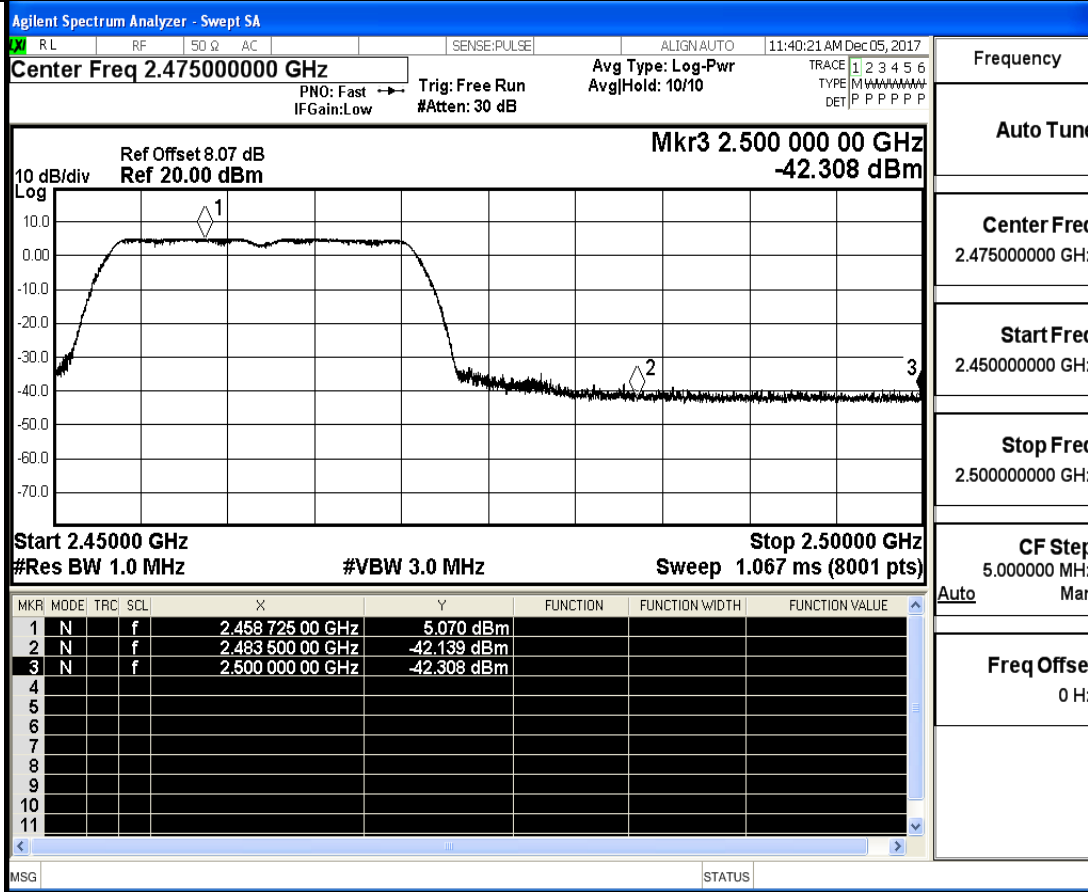
Restrict-band band-edge measurements_11N20SISO_2412_Ant1_PEAK



Restrict-band band-edge measurements_11N20SISO_2412_Ant1_AV



Restrict-band band-edge measurements_11N20SISO_2462_Ant1_PEAK



Frequency

Auto Tune

Center Freq
2.475000000 GHz

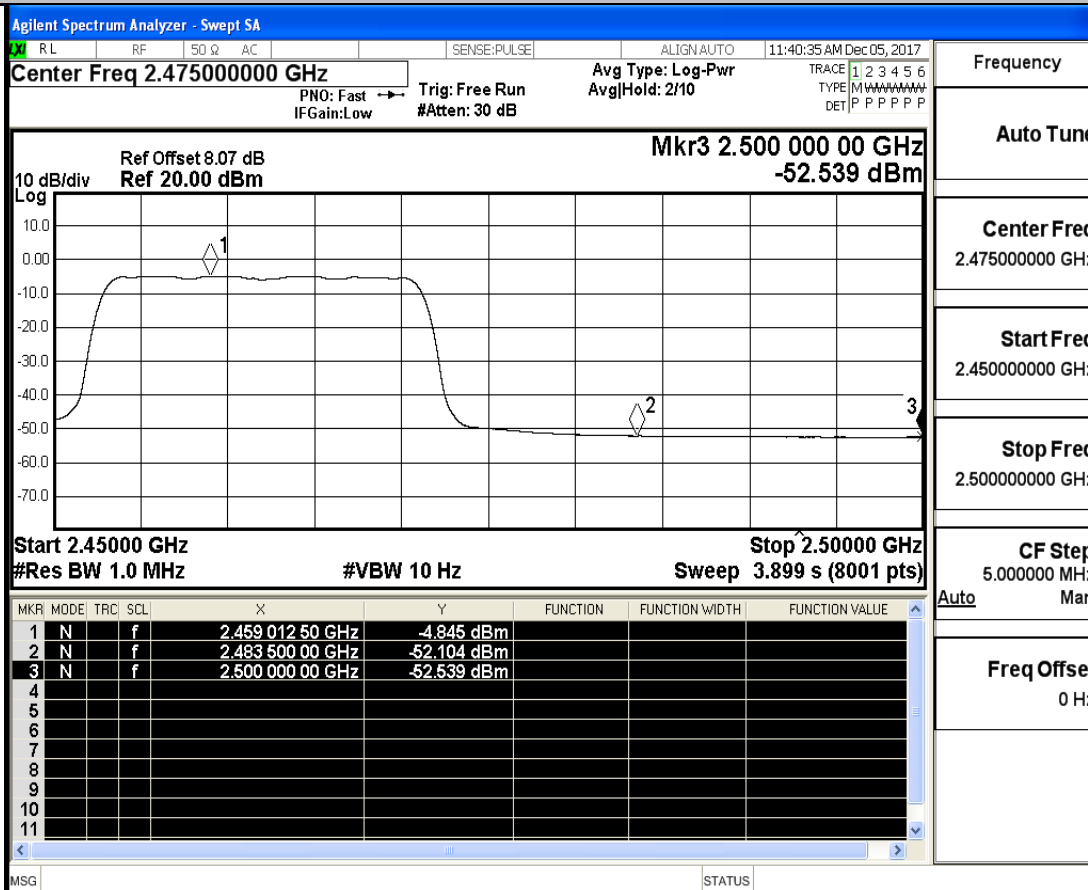
Start Freq
2.450000000 GHz

Stop Freq
2.500000000 GHz

CF Step
5.000000 MHz
Auto Man

Freq Offset
0 Hz

Restrict-band band-edge measurements_11N20SISO_2462_Ant1_AV



Frequency

Auto Tune

Center Freq
2.475000000 GHz

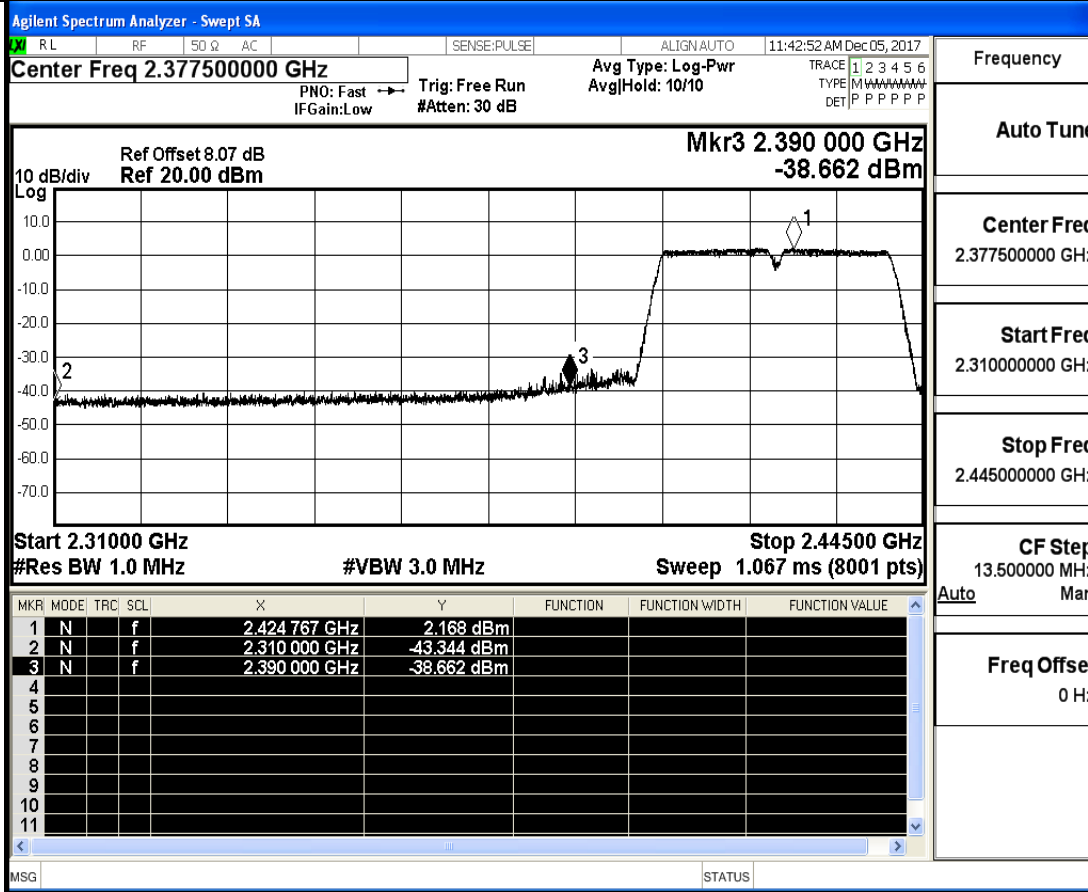
Start Freq
2.450000000 GHz

Stop Freq
2.500000000 GHz

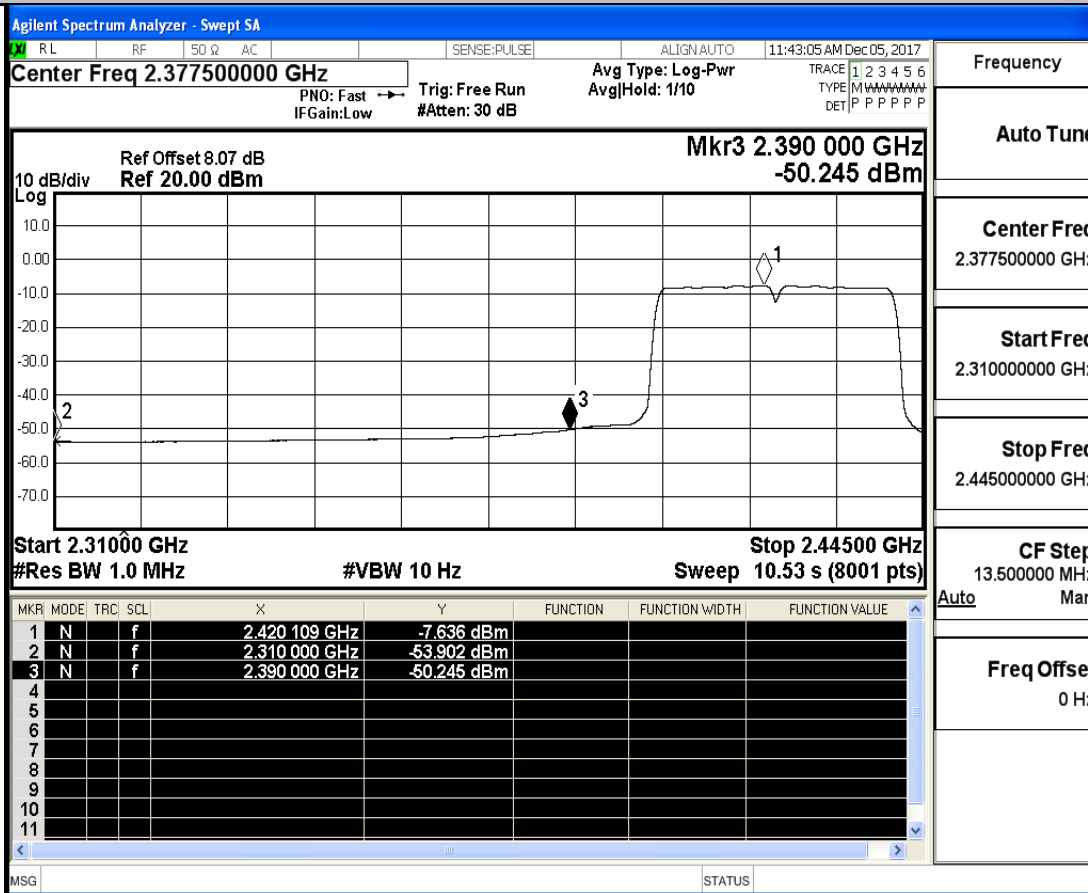
CF Step
5.000000 MHz
Auto Man

Freq Offset
0 Hz

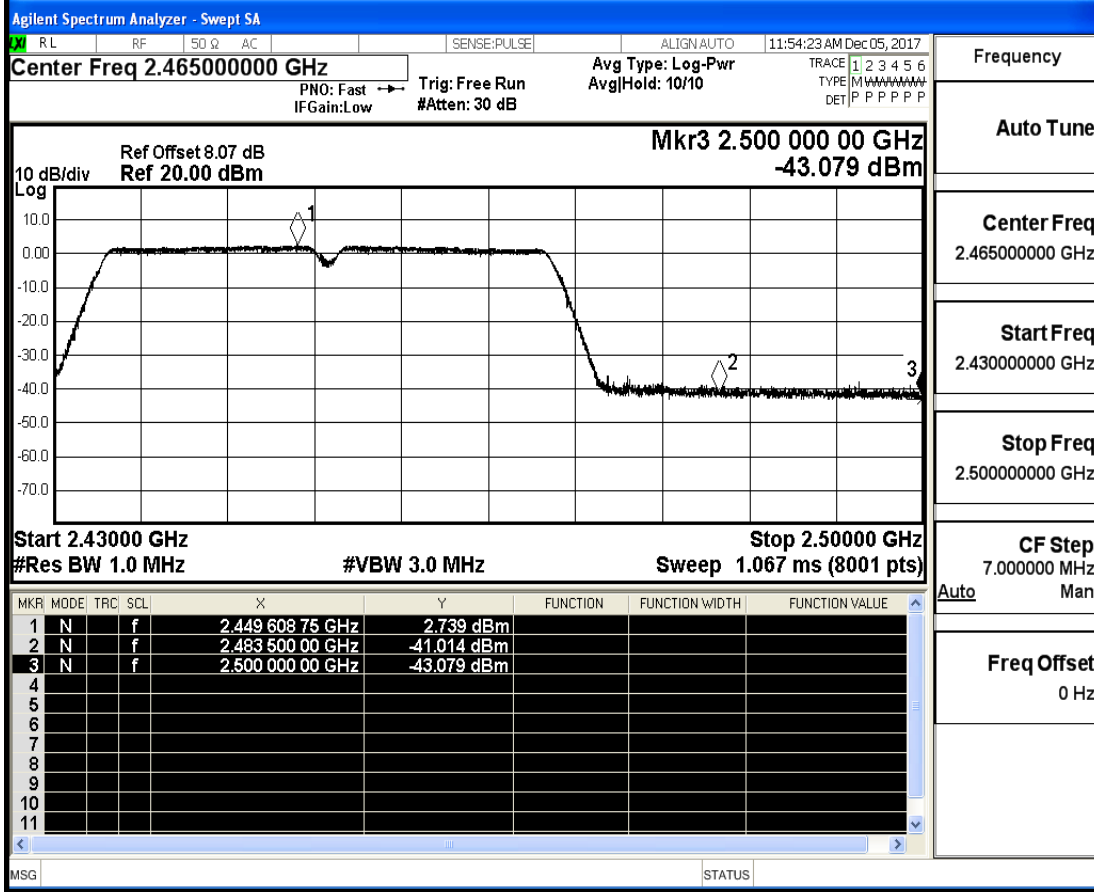
Restrict-band band-edge measurements_11N40SISO_2422_Ant1_PEAK



Restrict-band band-edge measurements_11N40SISO_2422_Ant1_AV



Restrict-band band-edge measurements_11N40SISO_2452_Ant1_PEAK



Frequency

Auto Tune

Center Freq
2.465000000 GHz

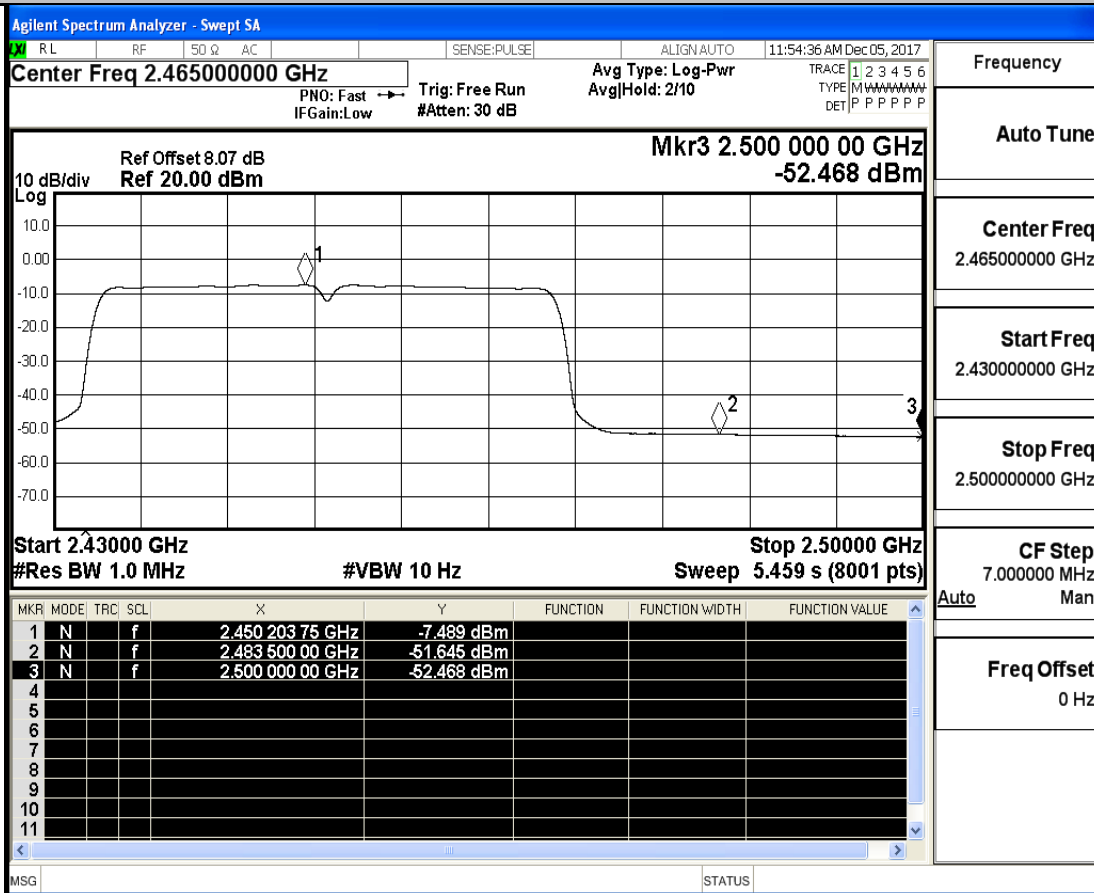
Start Freq
2.430000000 GHz

Stop Freq
2.500000000 GHz

CF Step
7.000000 MHz
Auto Man

Freq Offset
0 Hz

Restrict-band band-edge measurements_11N40SISO_2452_Ant1_AV



Frequency

Auto Tune

Center Freq
2.465000000 GHz

Start Freq
2.430000000 GHz

Stop Freq
2.500000000 GHz

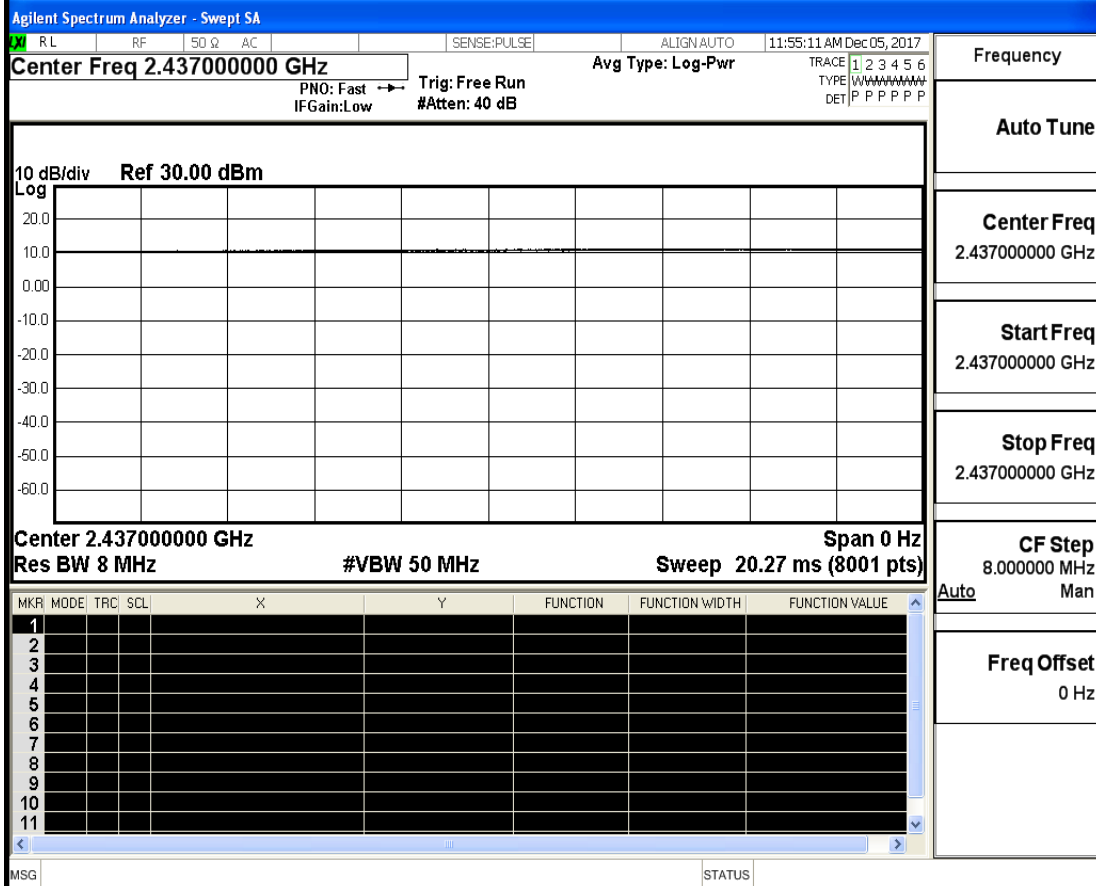
CF Step
7.000000 MHz
Auto Man

Freq Offset
0 Hz

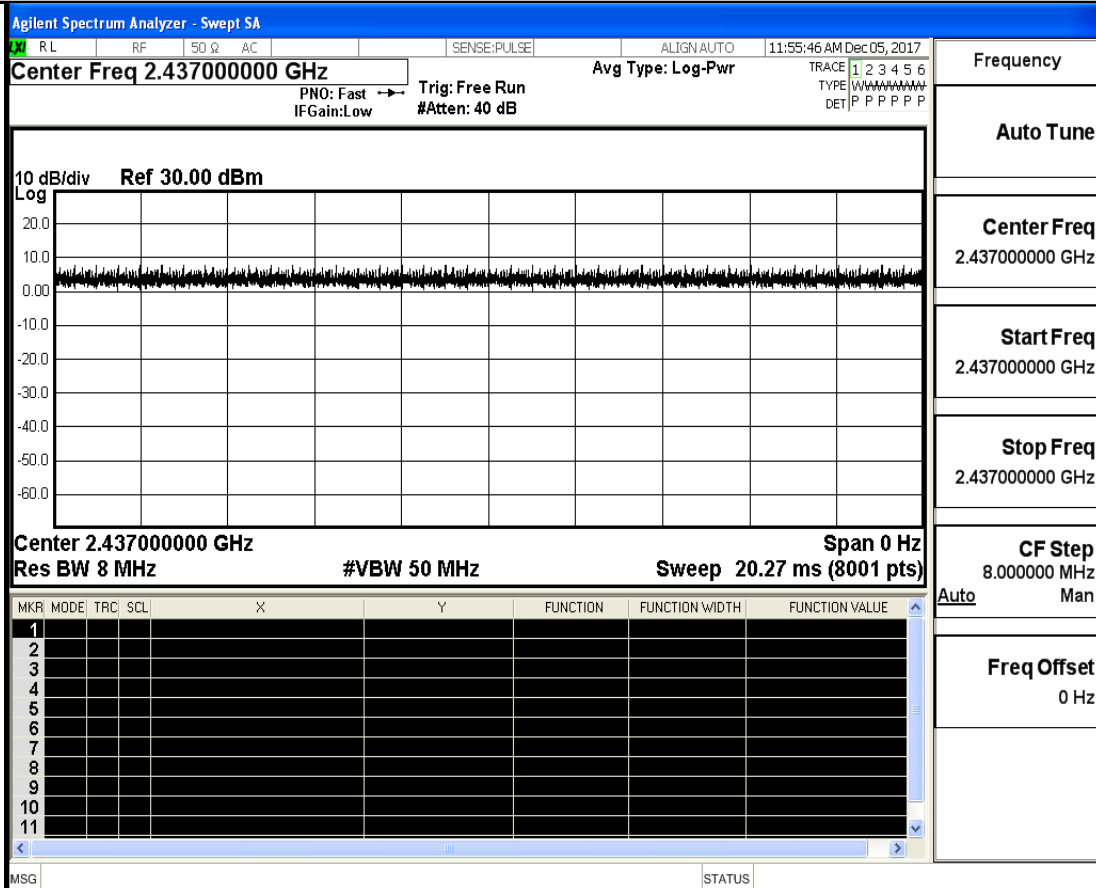
7.Duty Cycle

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

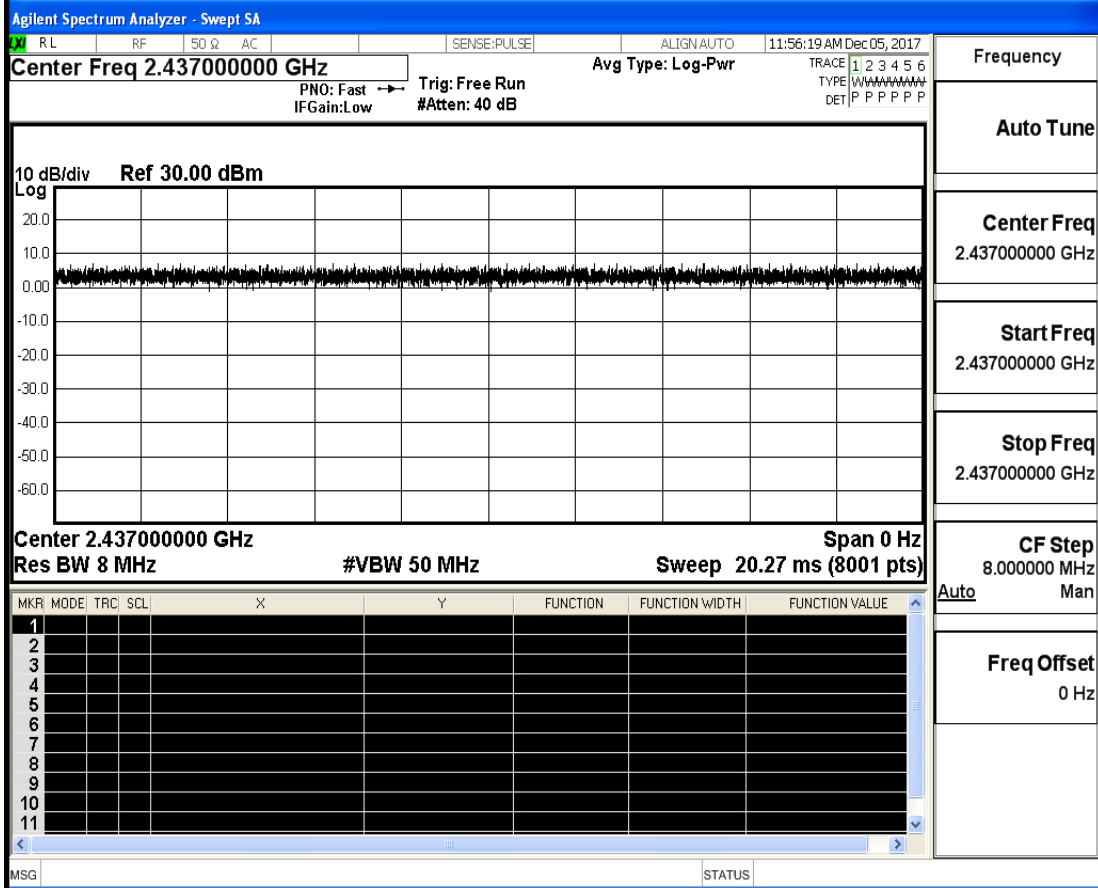
Duty Cycle_11B_2437_Ant1



Duty Cycle_11G_2437_Ant1



Duty Cycle_11N20SISO_2437_Ant1



Duty Cycle_11N40SISO_2437_Ant1

