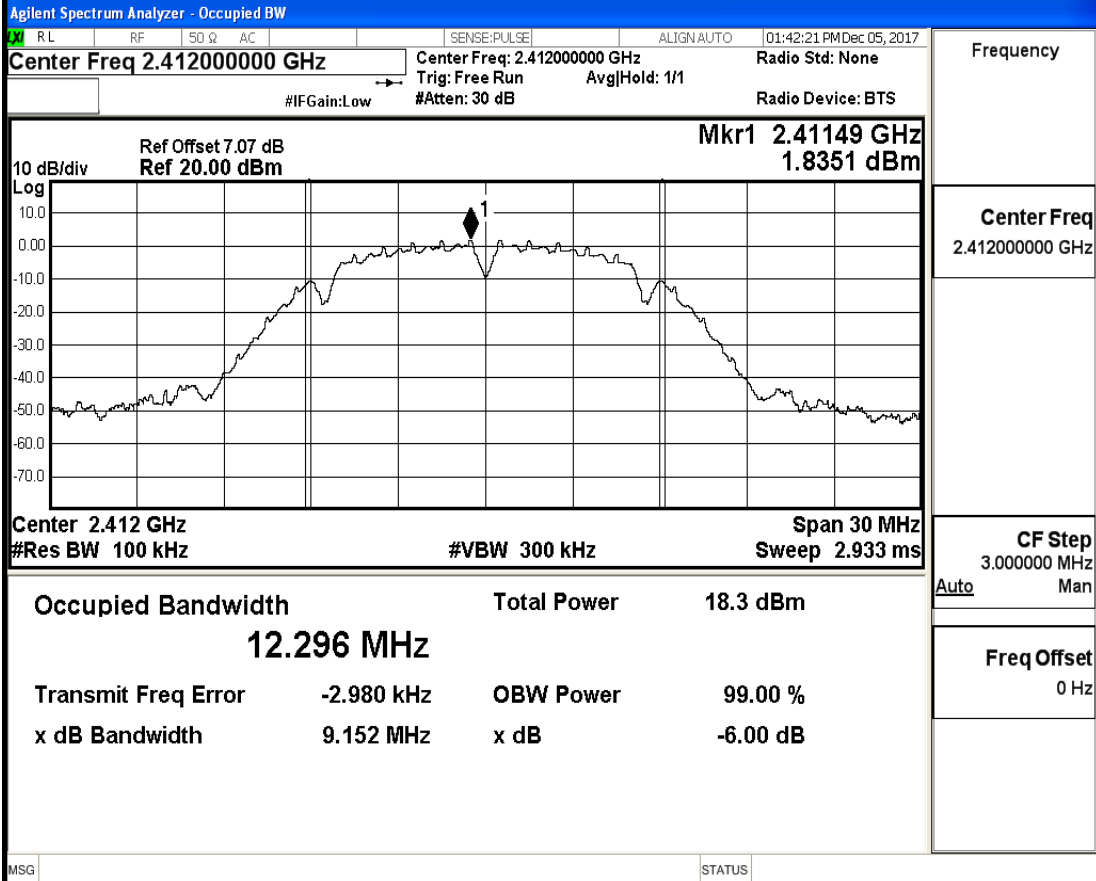


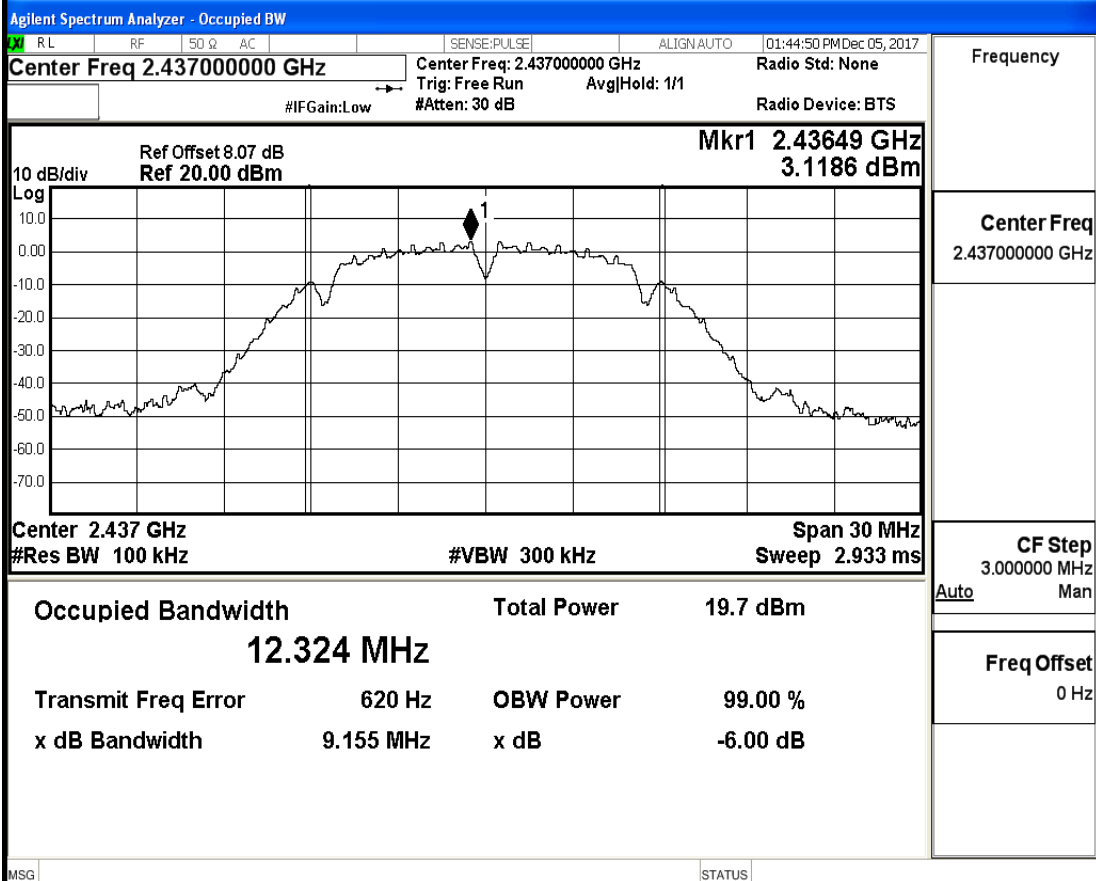
1.6dB Bandwidth

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	16.62	0.5	PASS
11G	2437	Ant1	16.61	0.5	PASS
11G	2462	Ant1	16.61	0.5	PASS
11N20SISO	2412	Ant1	17.83	0.5	PASS
11N20SISO	2437	Ant1	17.83	0.5	PASS
11N20SISO	2462	Ant1	17.82	0.5	PASS
11N40SISO	2422	Ant1	36.51	0.5	PASS
11N40SISO	2437	Ant1	36.53	0.5	PASS
11N40SISO	2452	Ant1	36.50	0.5	PASS

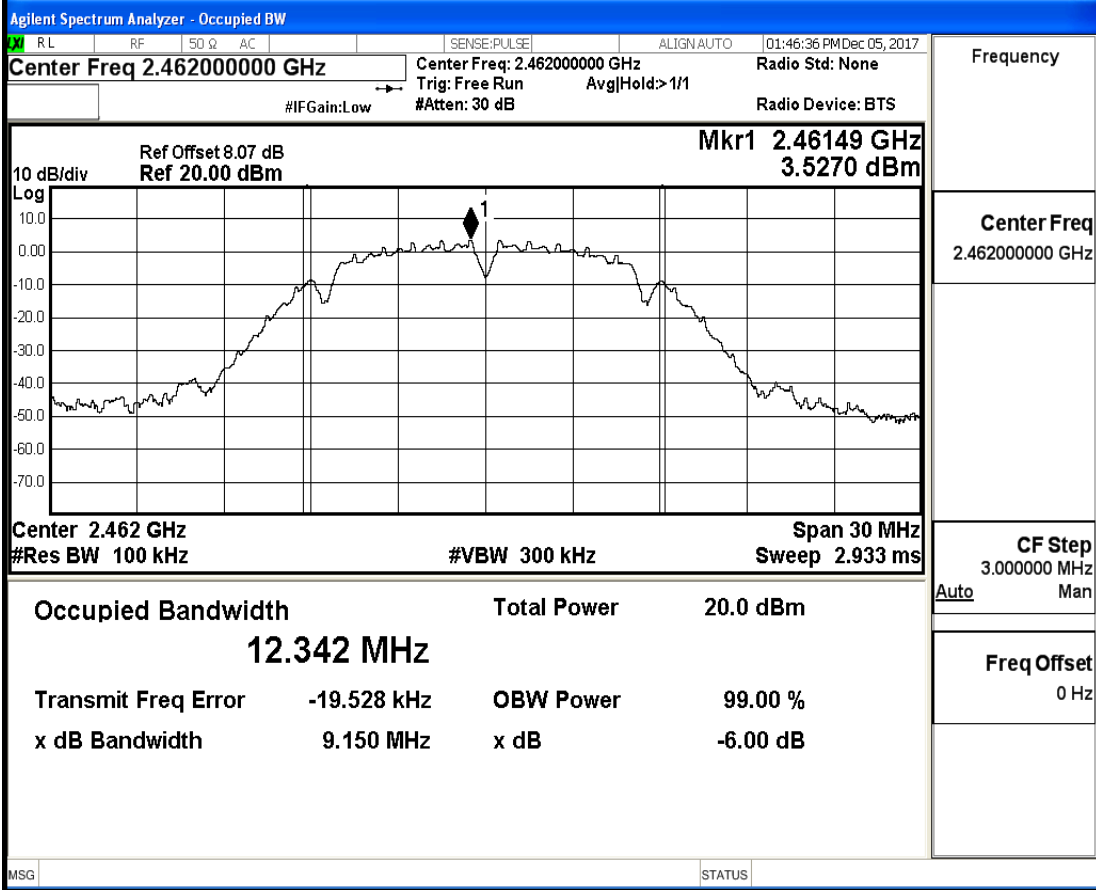
6dB Bandwidth_11B_2412_Ant1



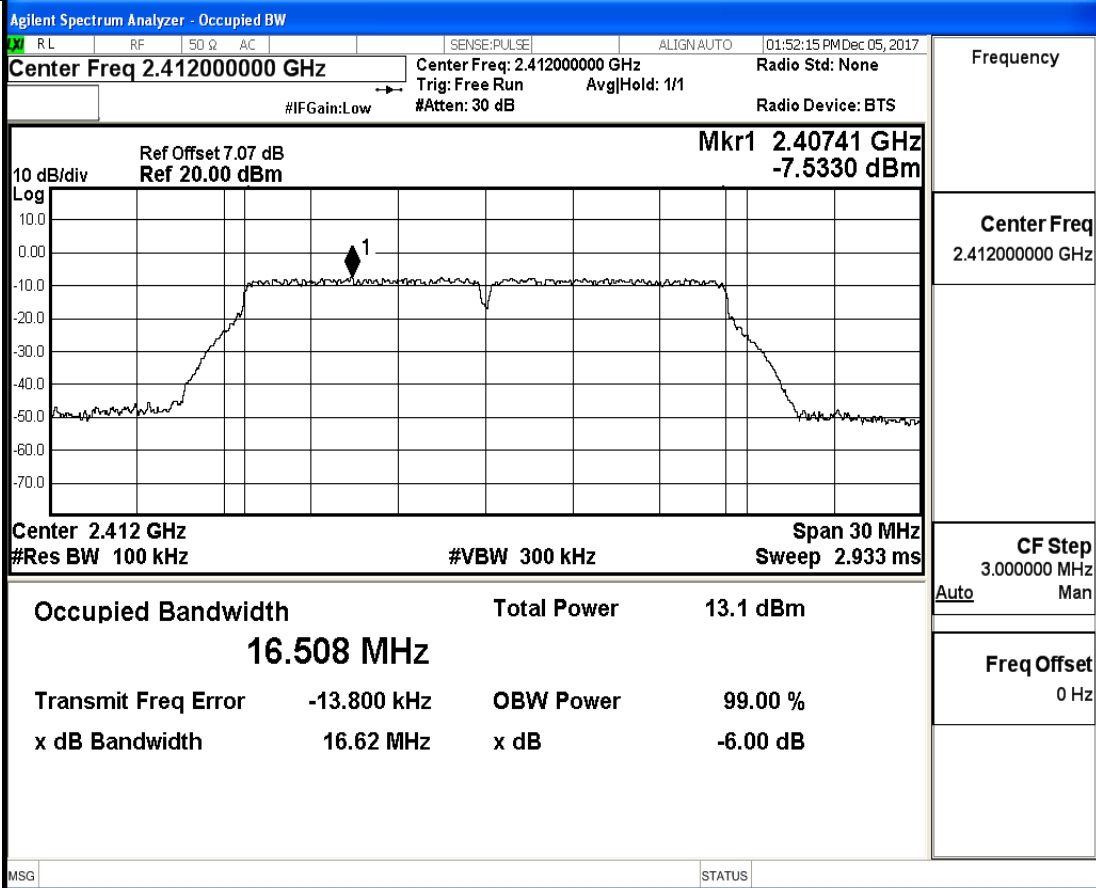
6dB Bandwidth_11B_2437_Ant1



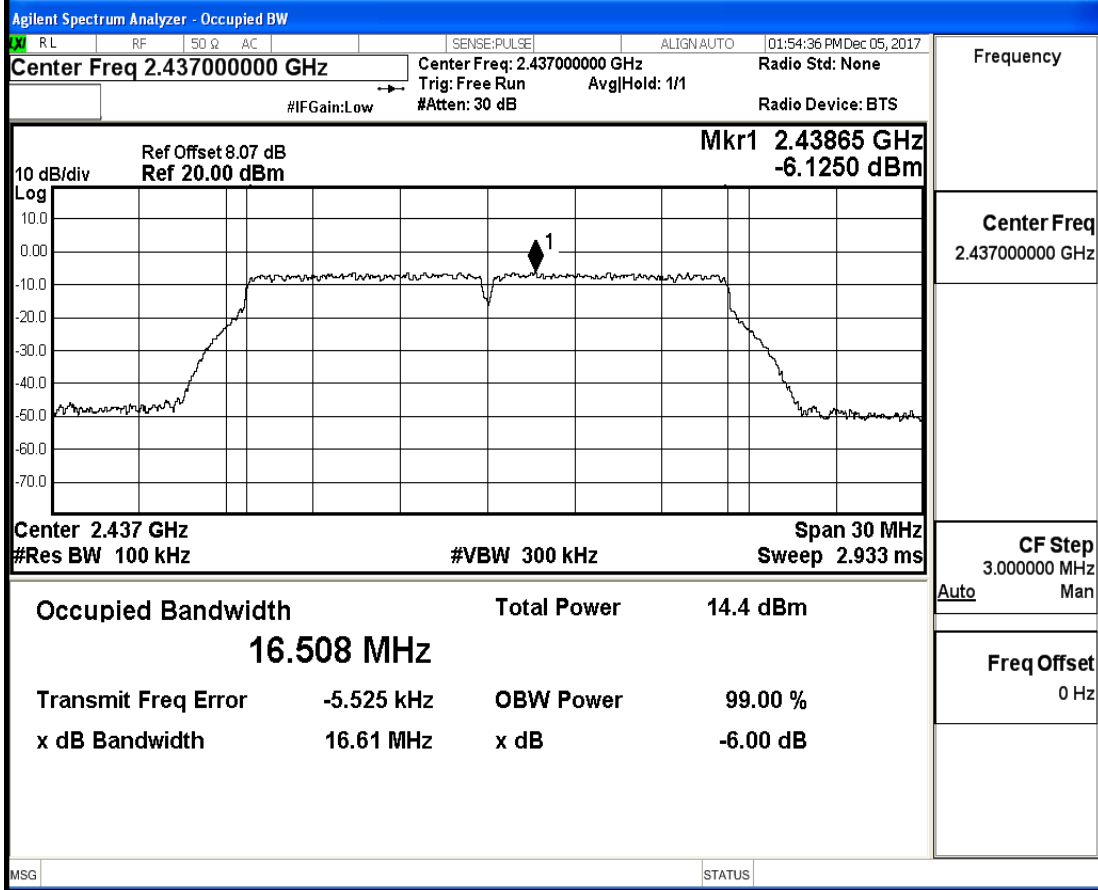
6dB Bandwidth_11B_2462_Ant1



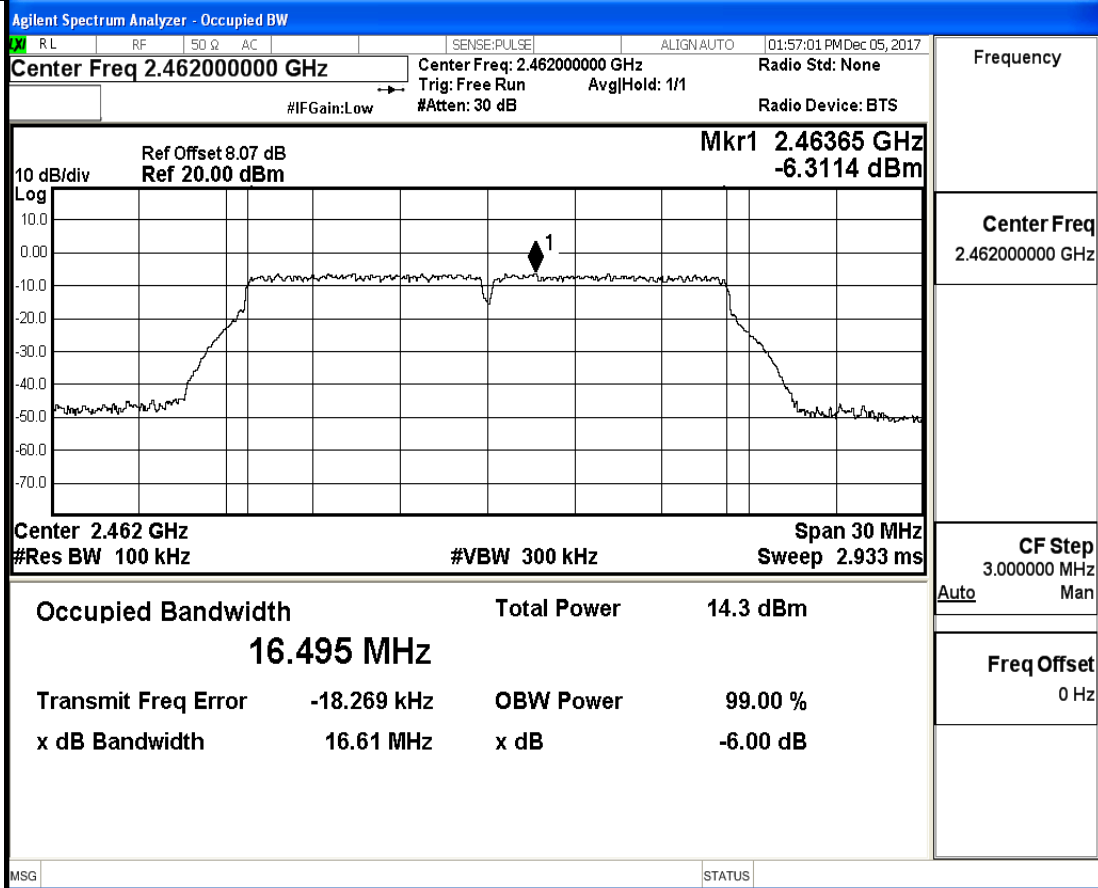
6dB Bandwidth_11G_2412_Ant1



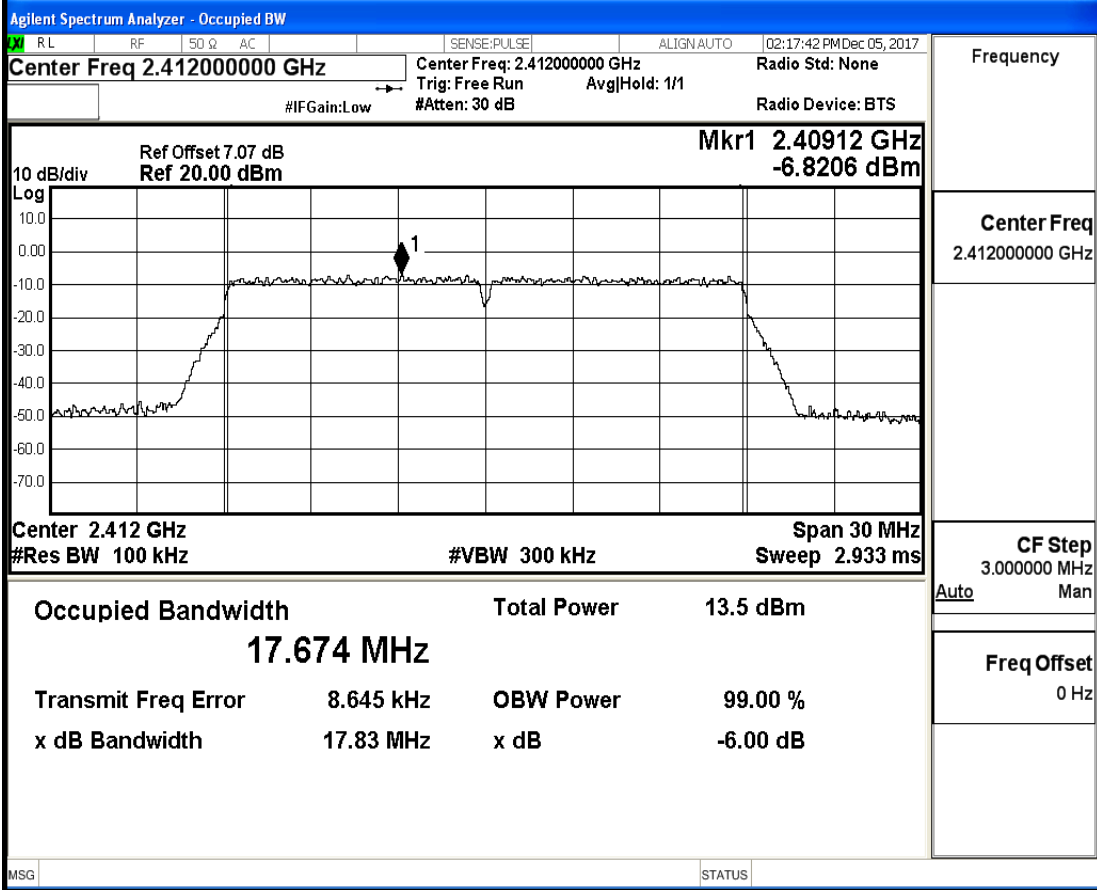
6dB Bandwidth_11G_2437_Ant1



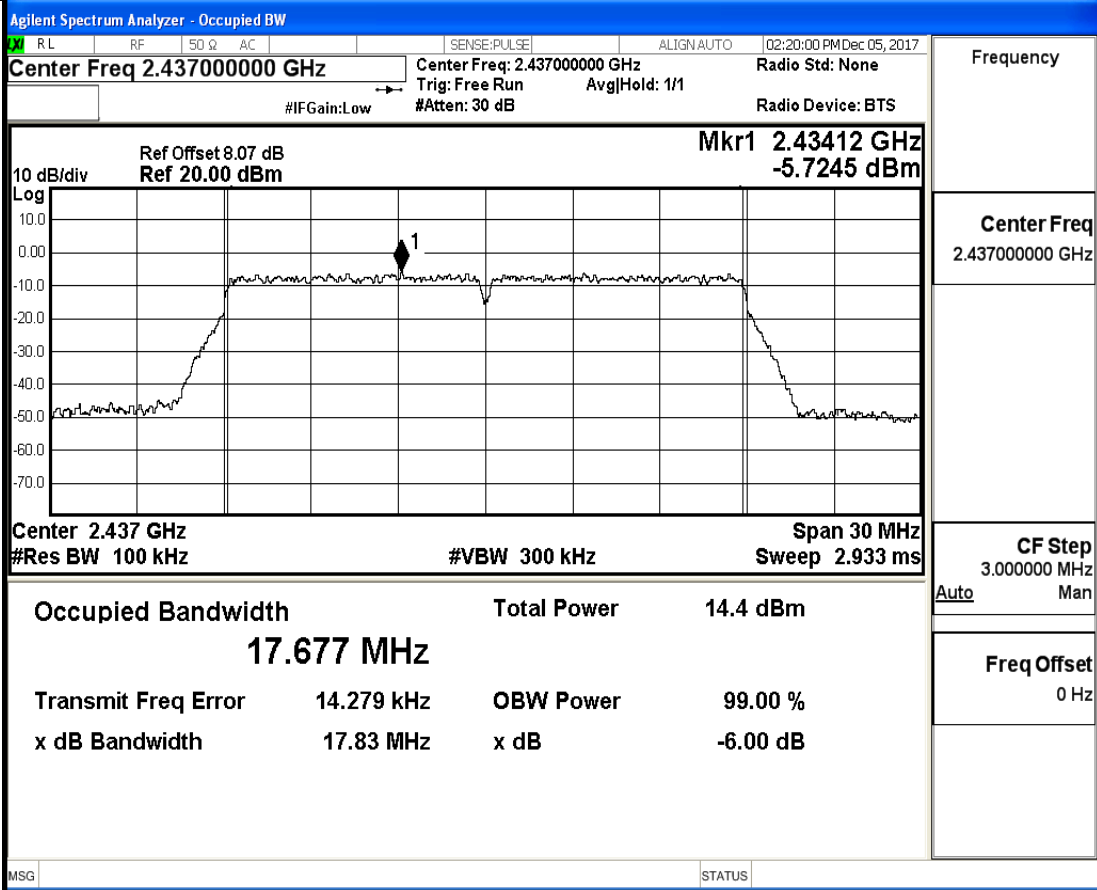
6dB Bandwidth_11G_2462_Ant1



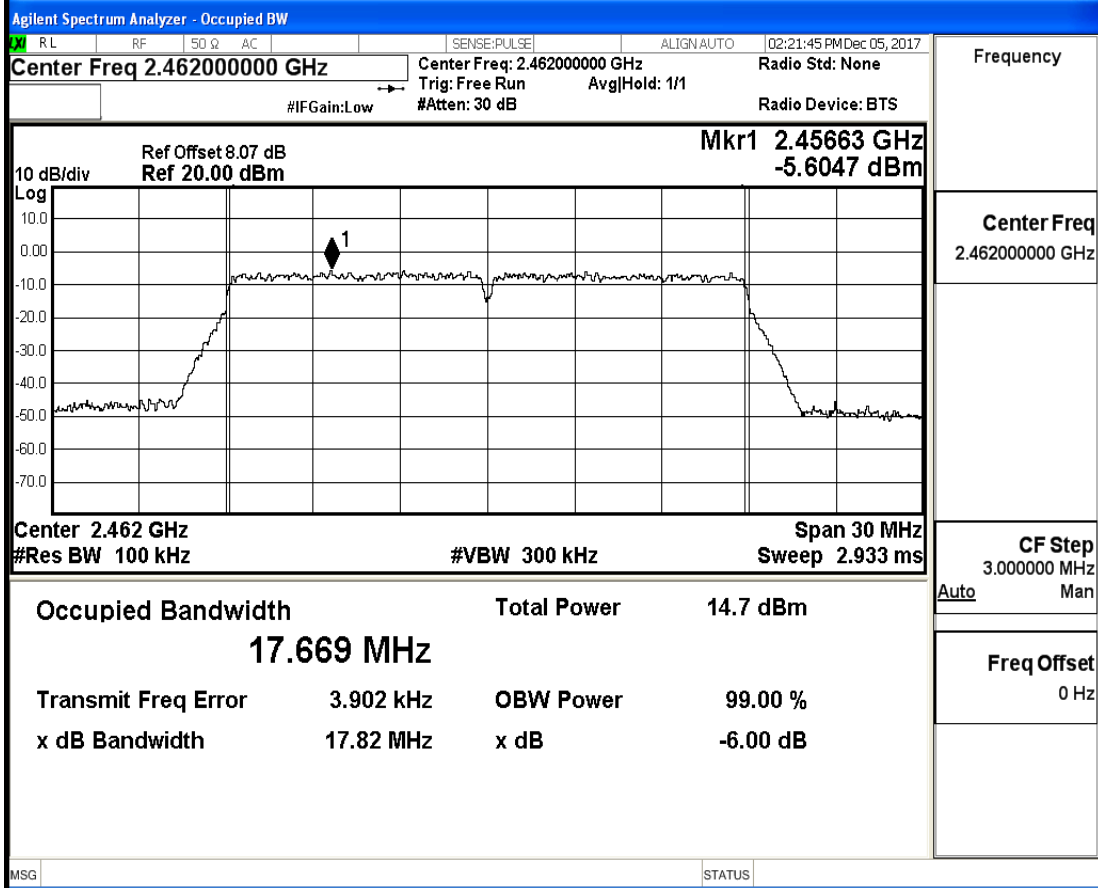
6dB Bandwidth_11N20SISO_2412_Ant1



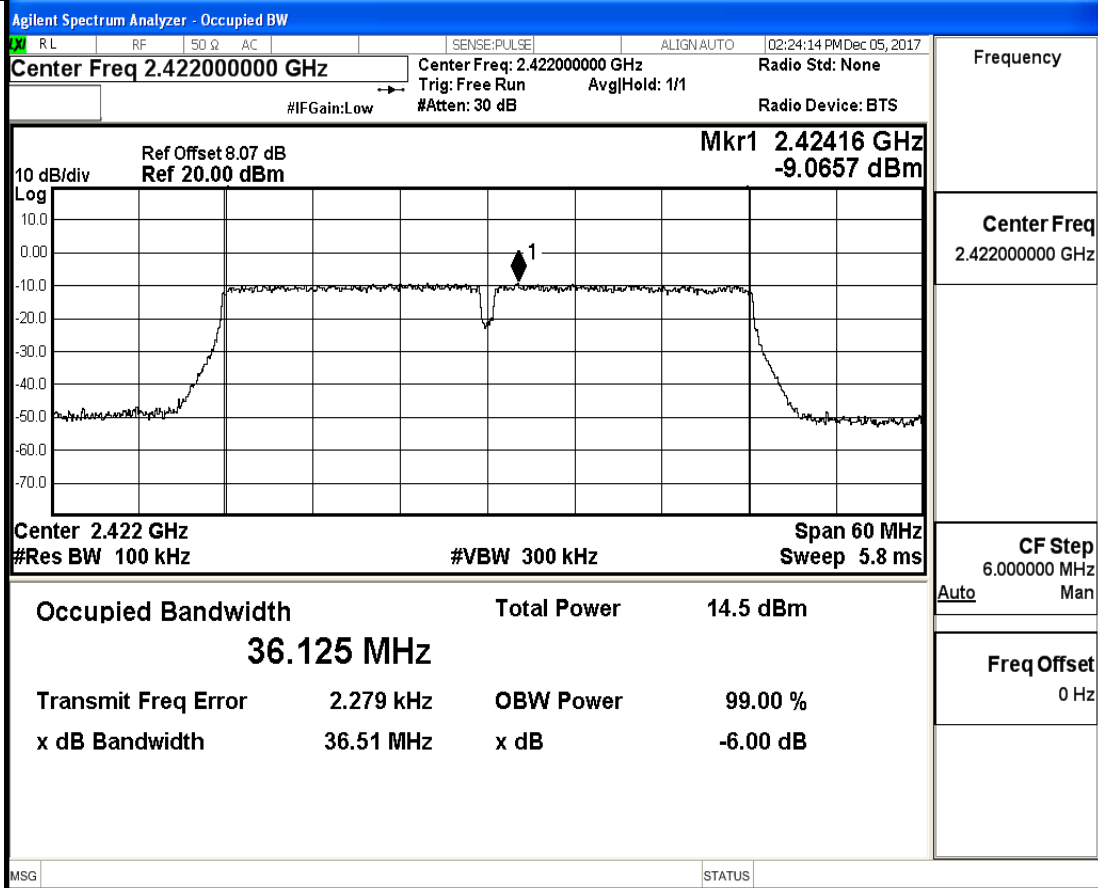
6dB Bandwidth_11N20SISO_2437_Ant1



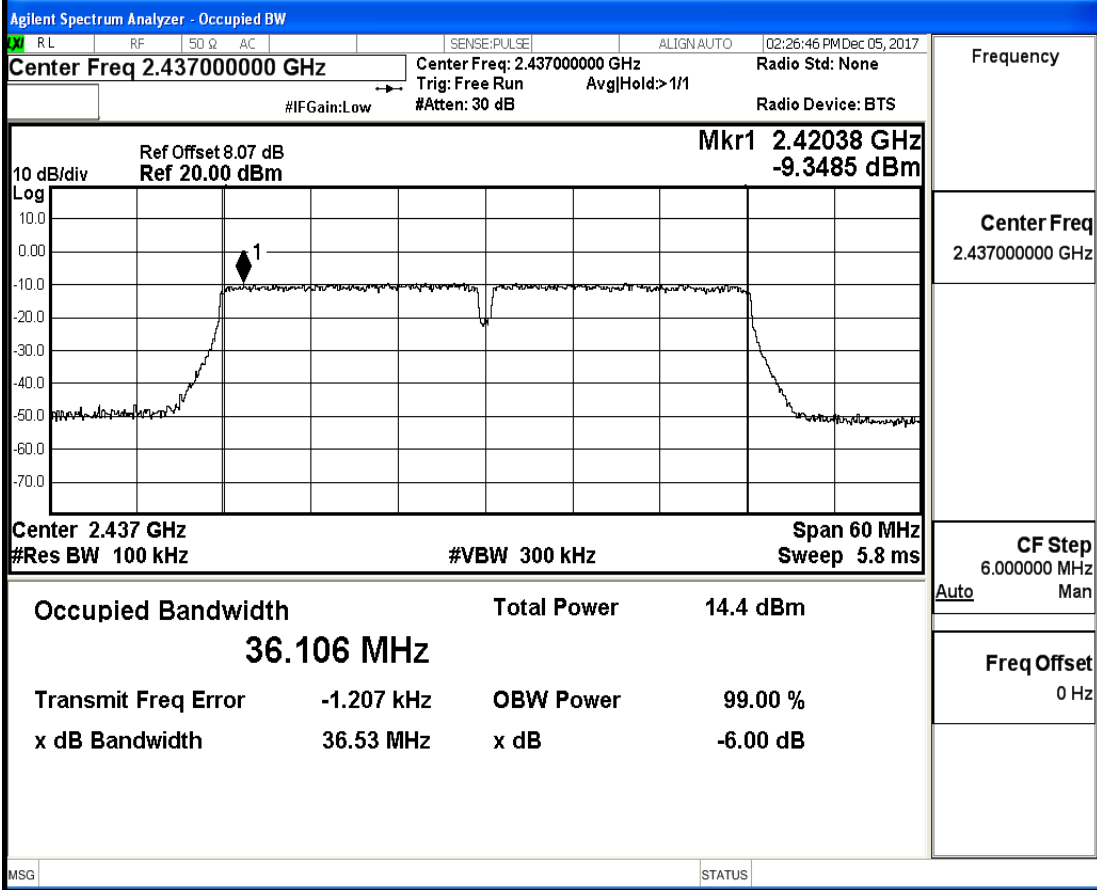
6dB Bandwidth_11N20SISO_2462_Ant1



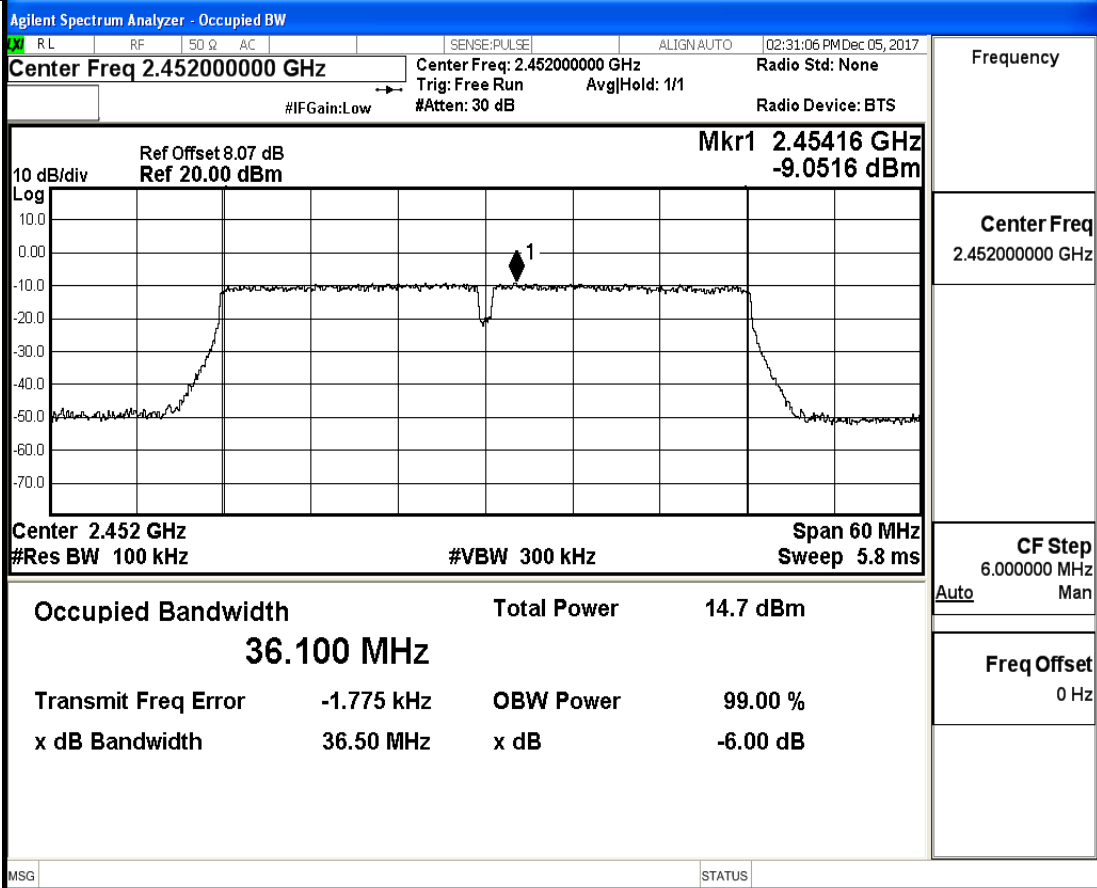
6dB Bandwidth_11N40SISO_2422_Ant1



6dB Bandwidth_11N40SISO_2437_Ant1



6dB Bandwidth_11N40SISO_2452_Ant1



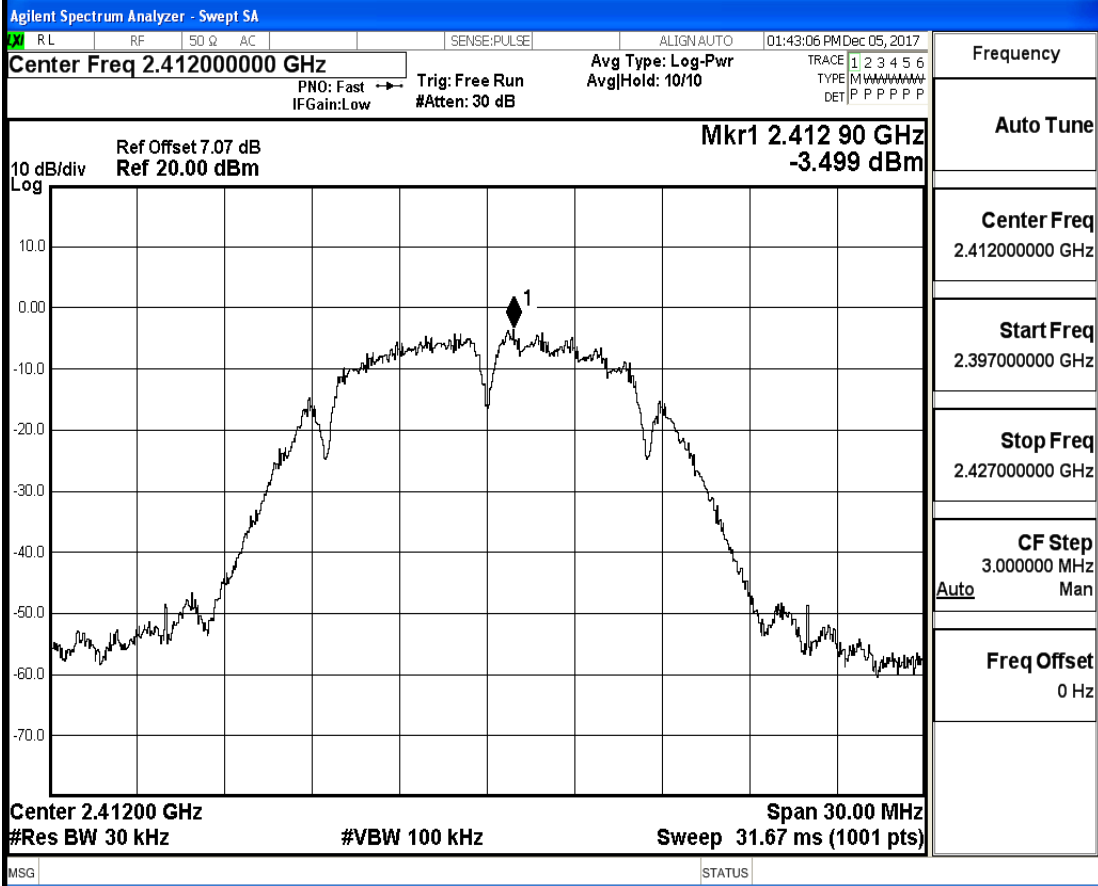
2.Maximum peak conducted output power

Test Mode	Test Channel	Ant	Power[dBm]	Limit[dBm]	Verdict
11B	2412	Ant1	14.36	30	PASS
11B	2437	Ant1	15.68	30	PASS
11B	2462	Ant1	16.03	30	PASS
11G	2412	Ant1	14.43	30	PASS
11G	2437	Ant1	15.68	30	PASS
11G	2462	Ant1	15.66	30	PASS
11N20SISO	2412	Ant1	14.38	30	PASS
11N20SISO	2437	Ant1	14.67	30	PASS
11N20SISO	2462	Ant1	14.86	30	PASS
11N40SISO	2422	Ant1	14.67	30	PASS
11N40SISO	2437	Ant1	14.55	30	PASS
11N40SISO	2452	Ant1	14.83	30	PASS

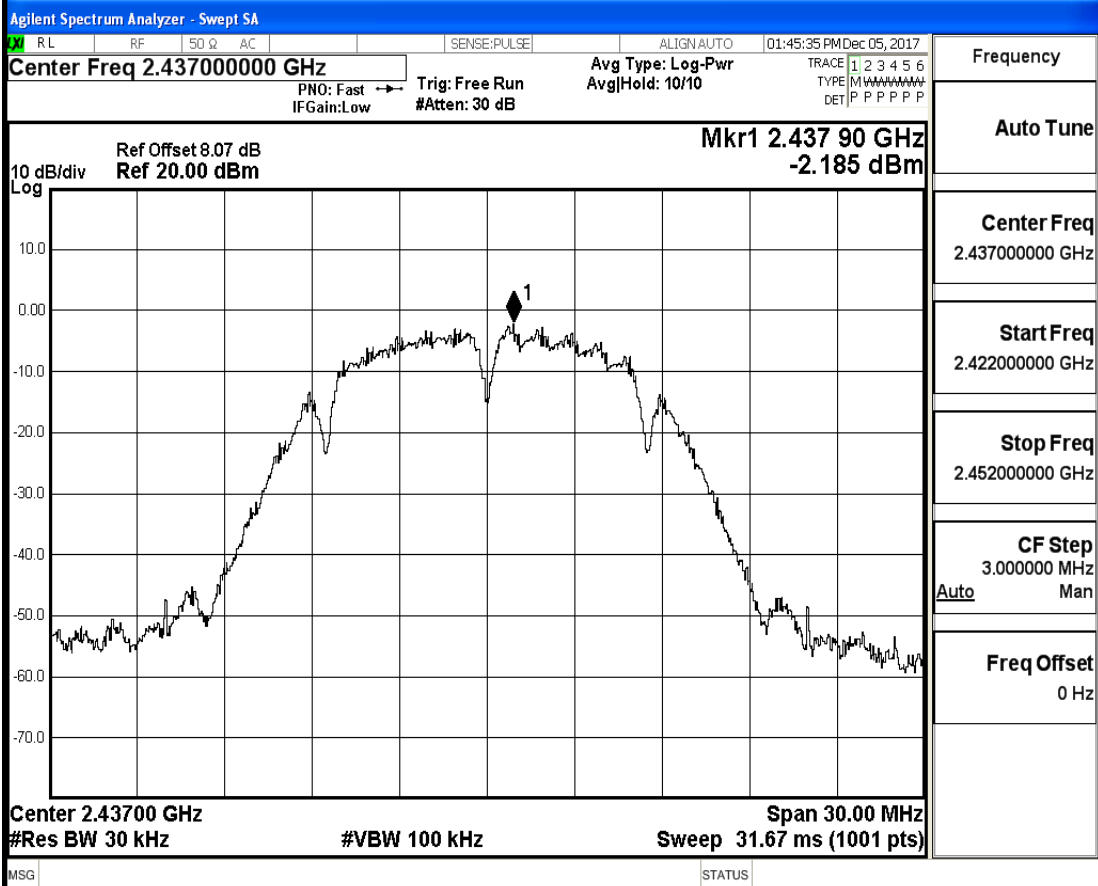
3.Maximum Peak power spectral density

Test Mode	Test Channel	Ant	PSD[dBm/MHz]	Limit[dBm/MHz]	Verdict
11B	2412	Ant1	-3.499	8.00	PASS
11B	2437	Ant1	-2.185	8.00	PASS
11B	2462	Ant1	-1.791	8.00	PASS
11G	2412	Ant1	-10.331	8.00	PASS
11G	2437	Ant1	-9.251	8.00	PASS
11G	2462	Ant1	-9.04	8.00	PASS
11N20SISO	2412	Ant1	-9.525	8.00	PASS
11N20SISO	2437	Ant1	-8.546	8.00	PASS
11N20SISO	2462	Ant1	-8.319	8.00	PASS
11N40SISO	2422	Ant1	-12.300	8.00	PASS
11N40SISO	2437	Ant1	-12.313	8.00	PASS
11N40SISO	2452	Ant1	-12.222	8.00	PASS

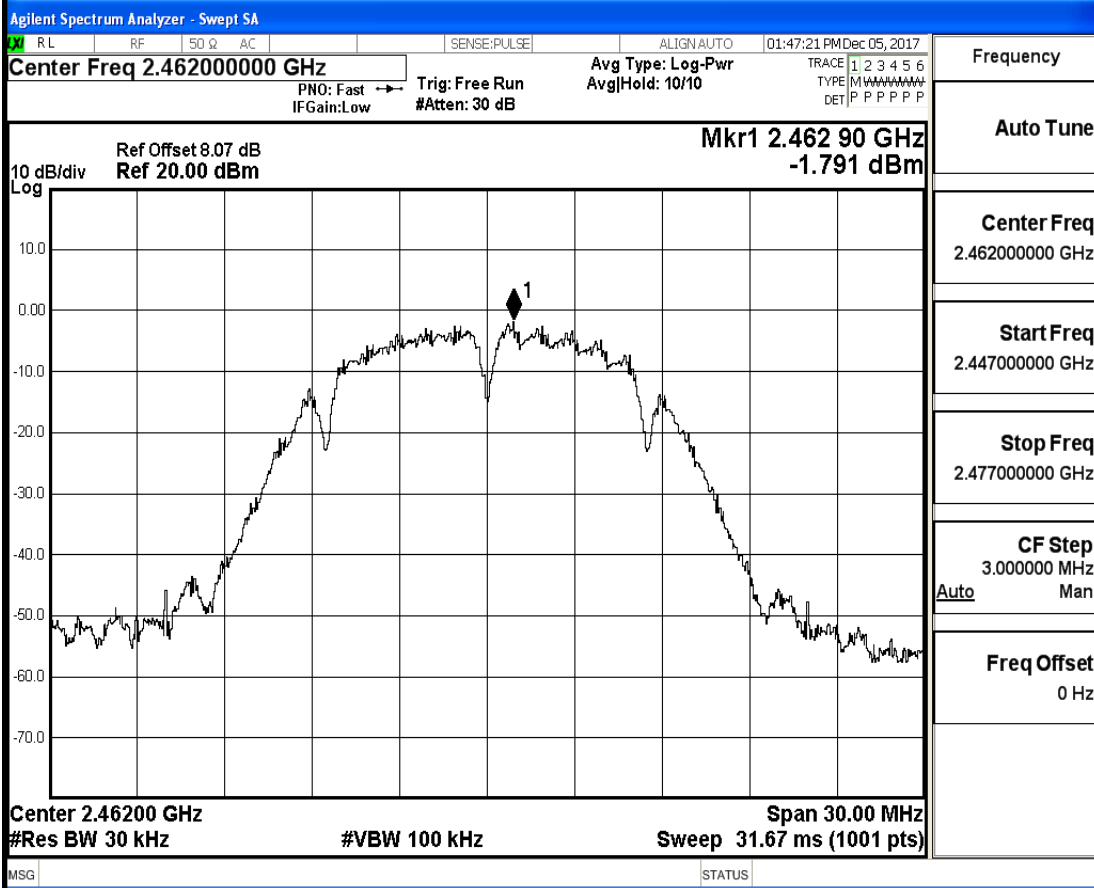
Maximum Peak power spectral density_11B_2412_Ant1



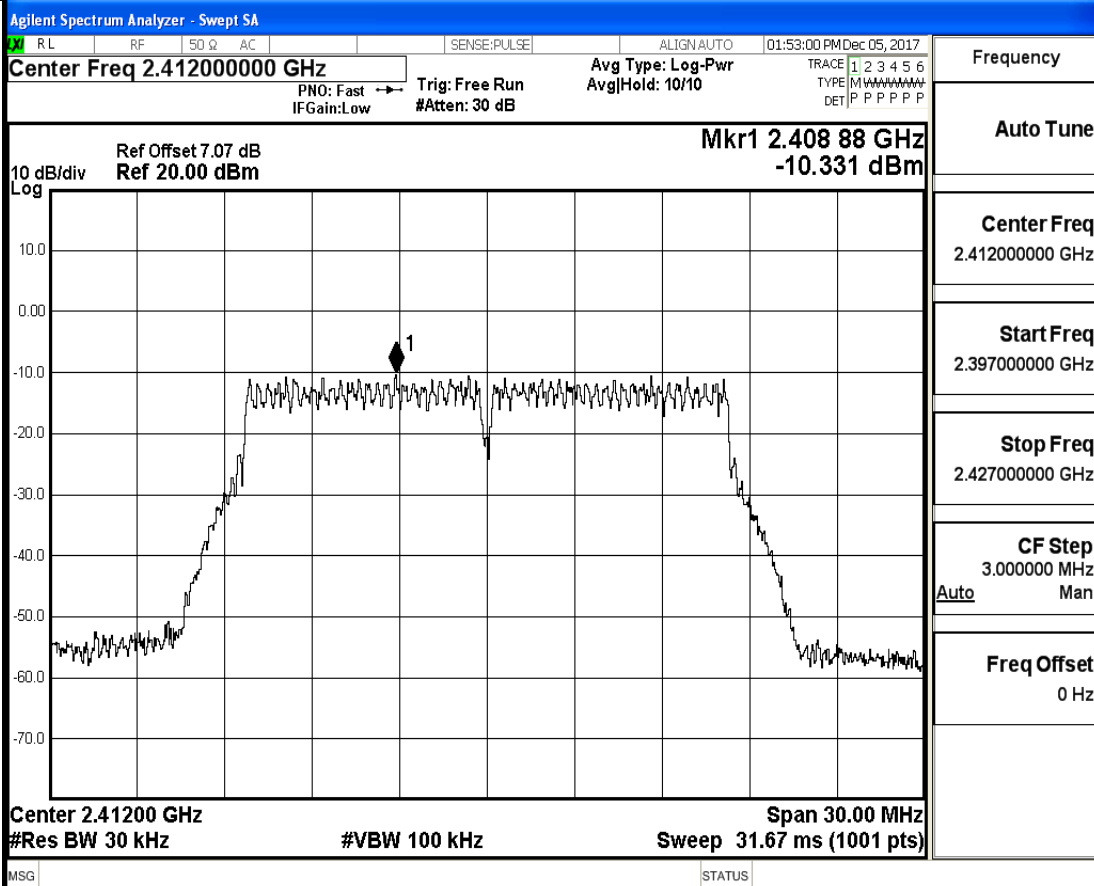
Maximum Peak power spectral density_11B_2437_Ant1



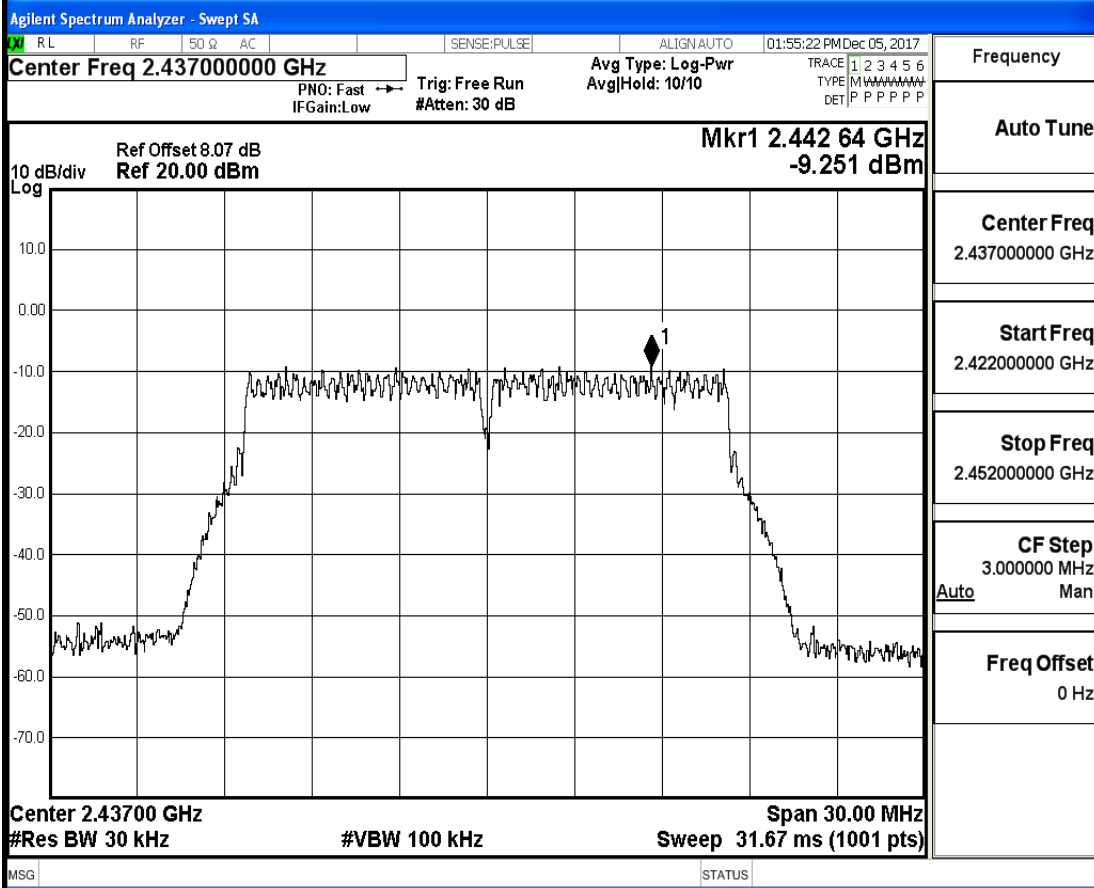
Maximum Peak power spectral density_11B_2462_Ant1



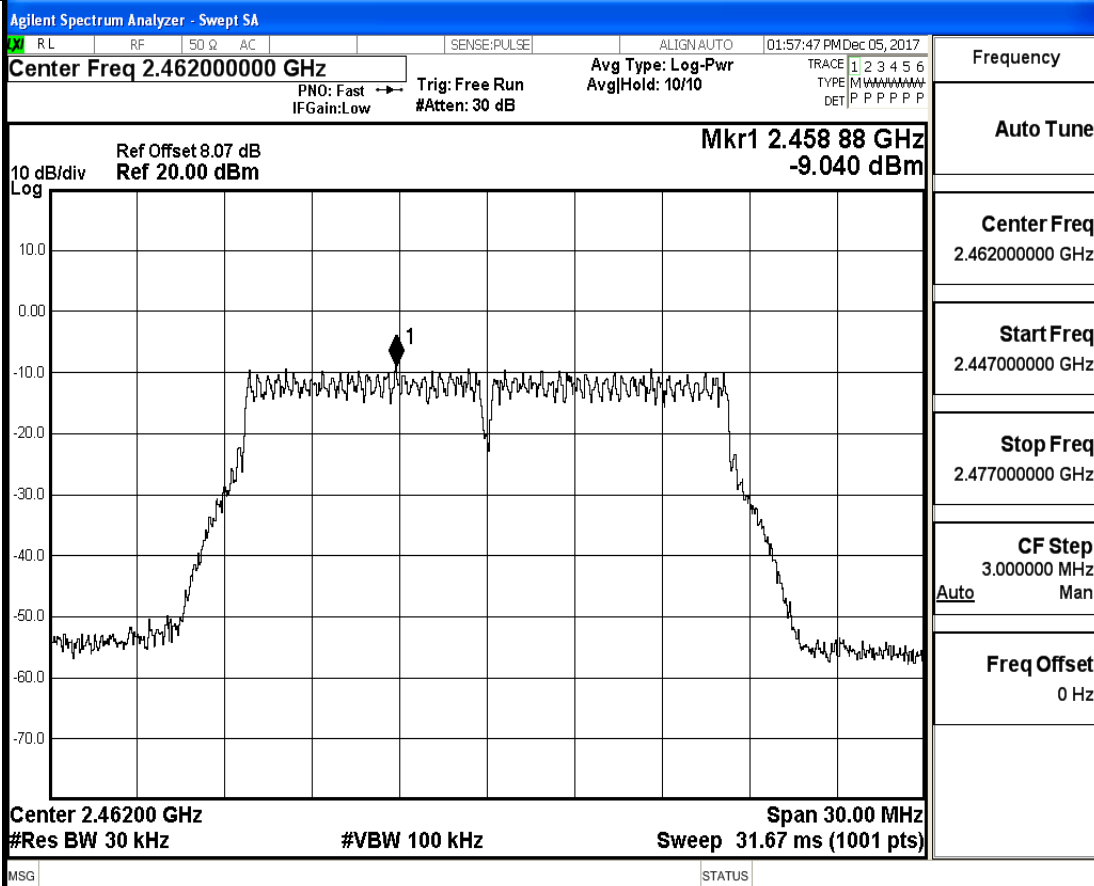
Maximum Peak power spectral density_11G_2412_Ant1



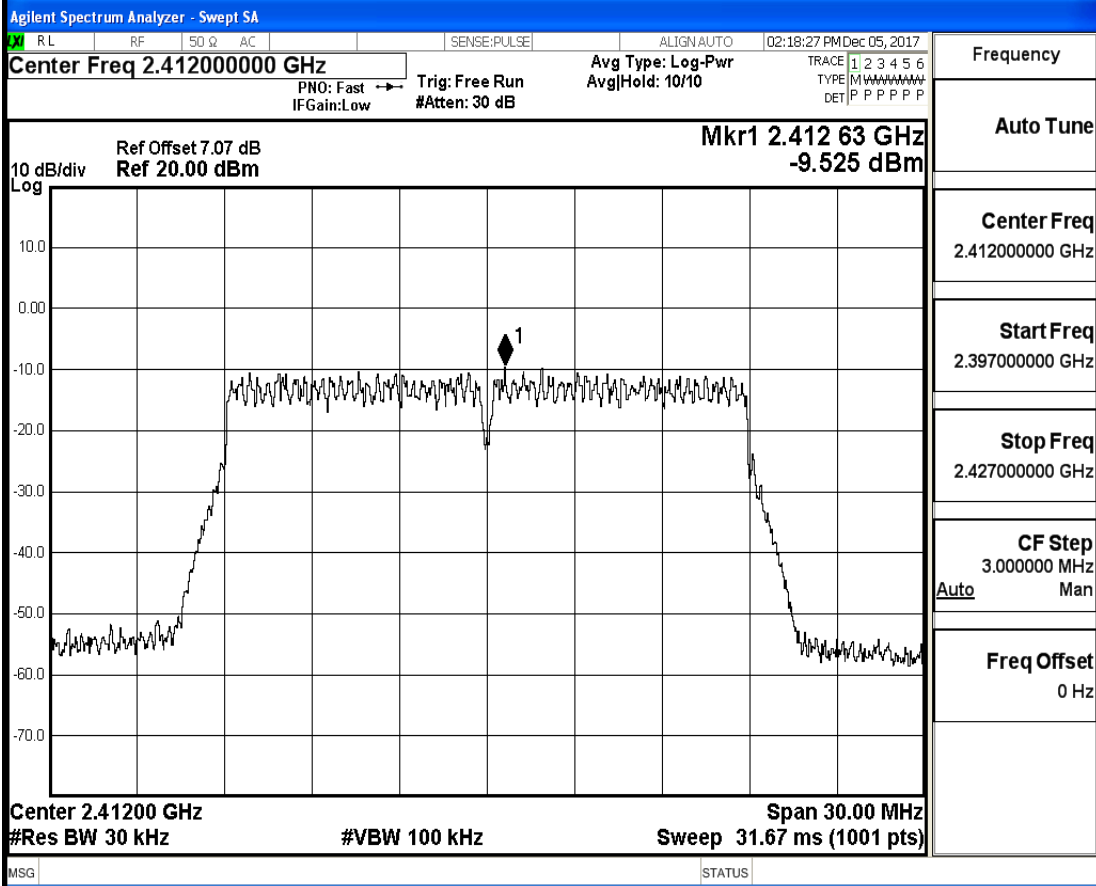
Maximum Peak power spectral density_11G_2437_Ant1



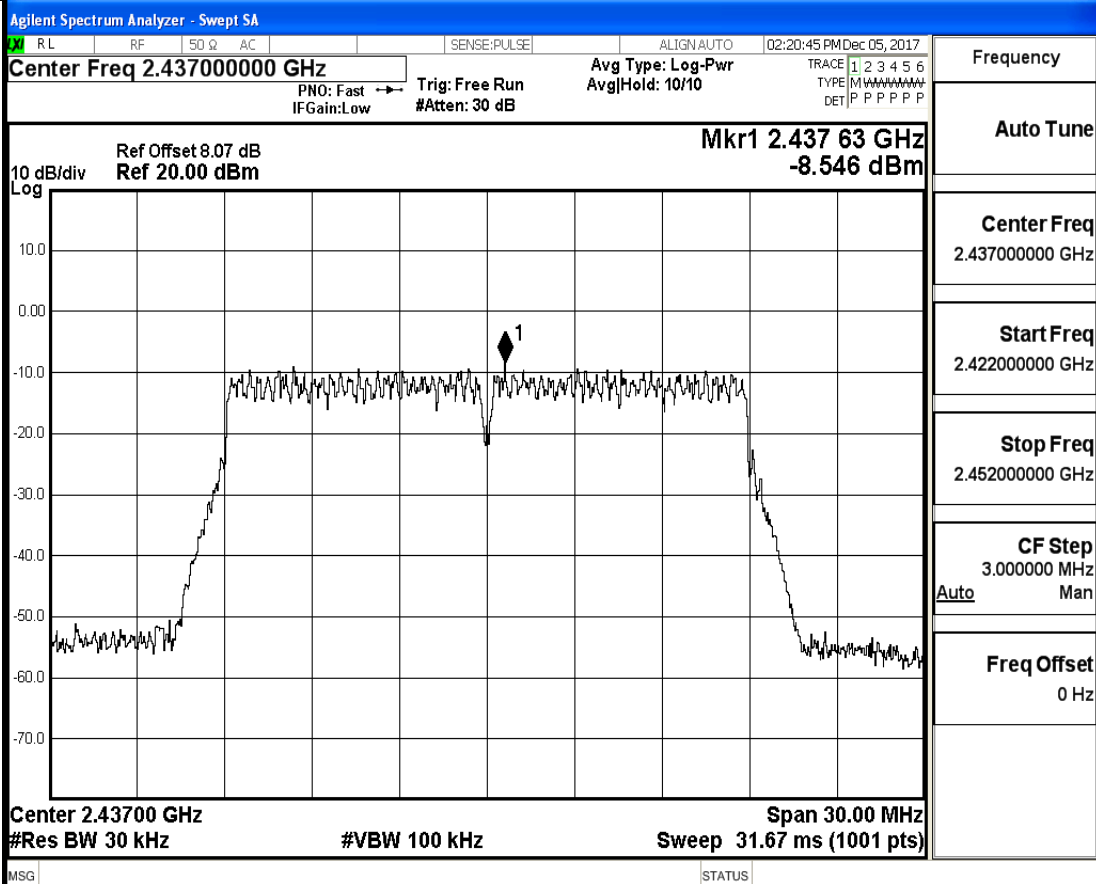
Maximum Peak power spectral density_11G_2462_Ant1



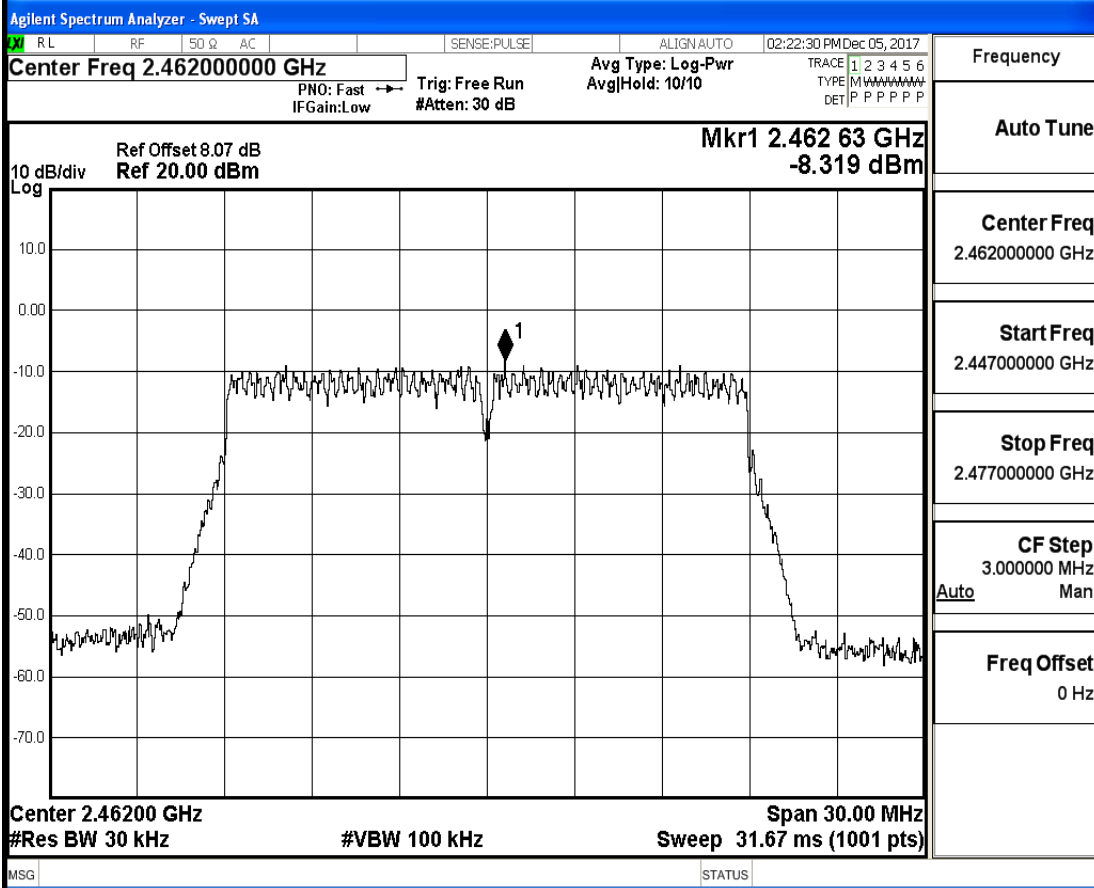
Maximum Peak power spectral density_11N20SISO_2412_Ant1



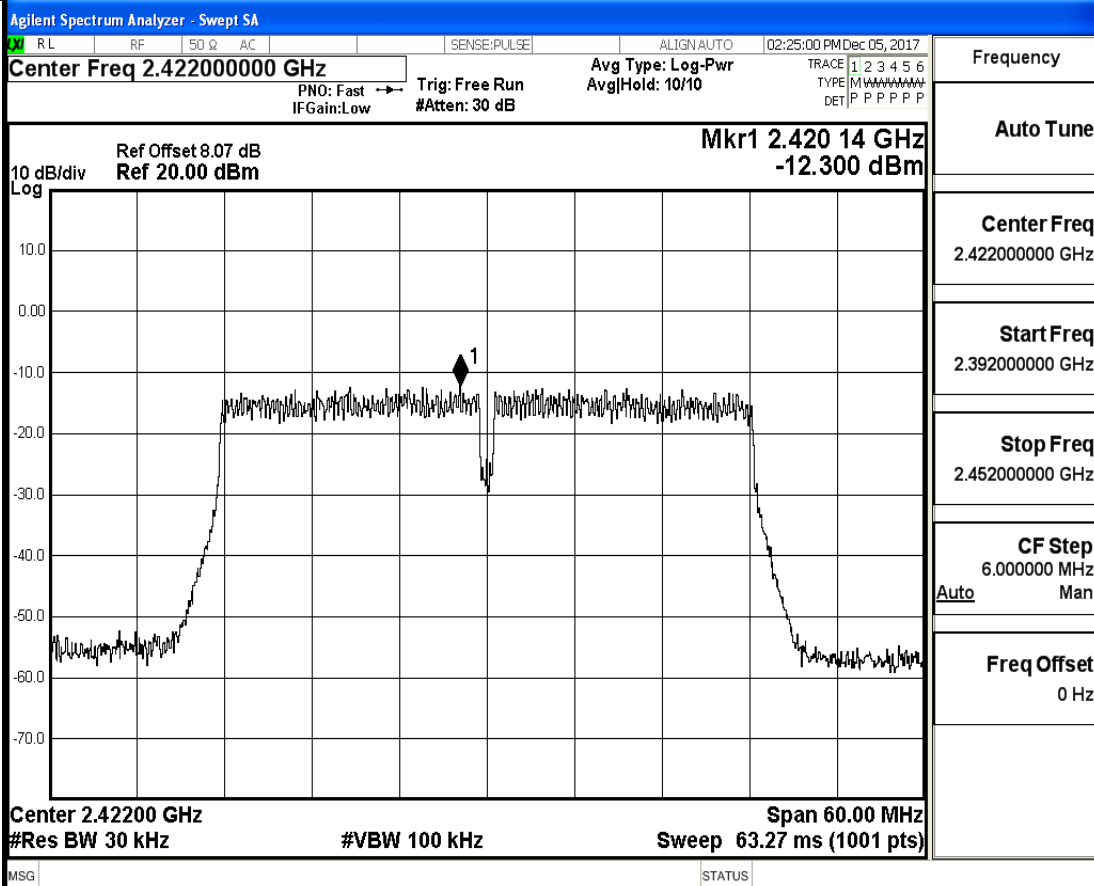
Maximum Peak power spectral density_11N20SISO_2437_Ant1



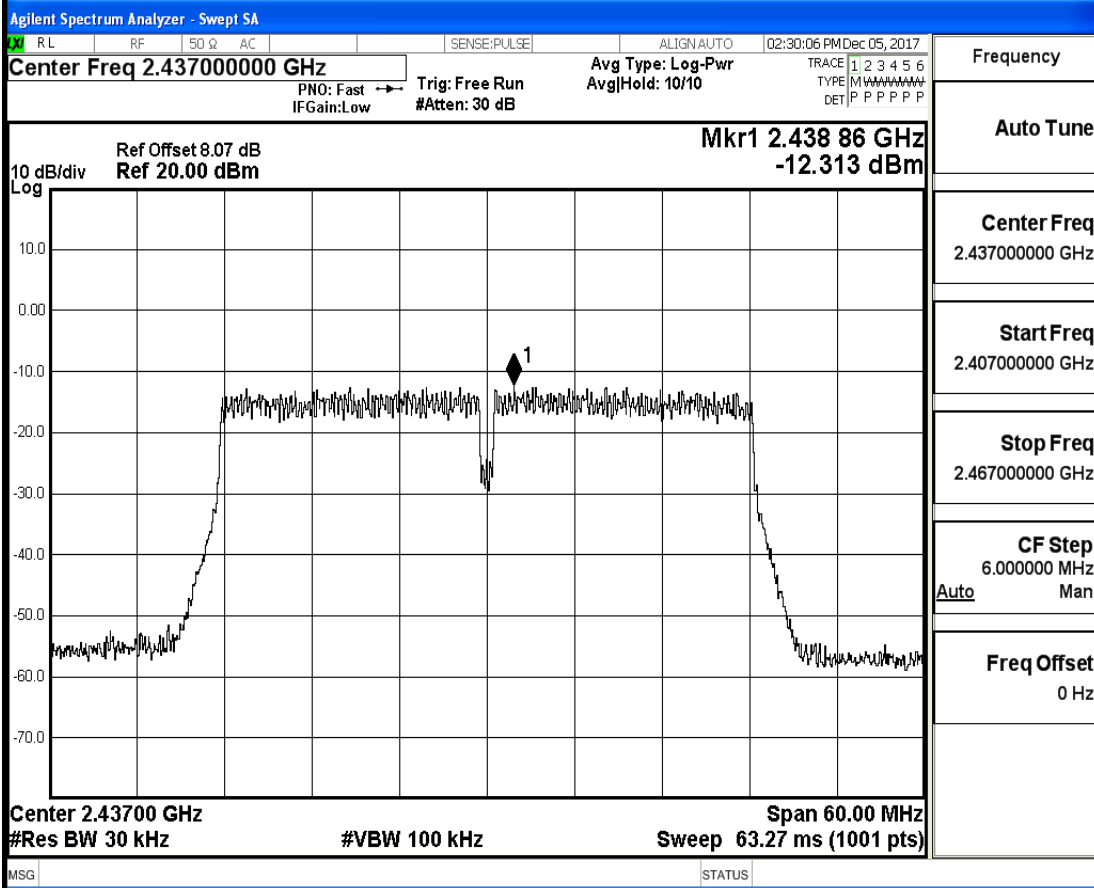
Maximum Peak power spectral density_11N20SISO_2462_Ant1



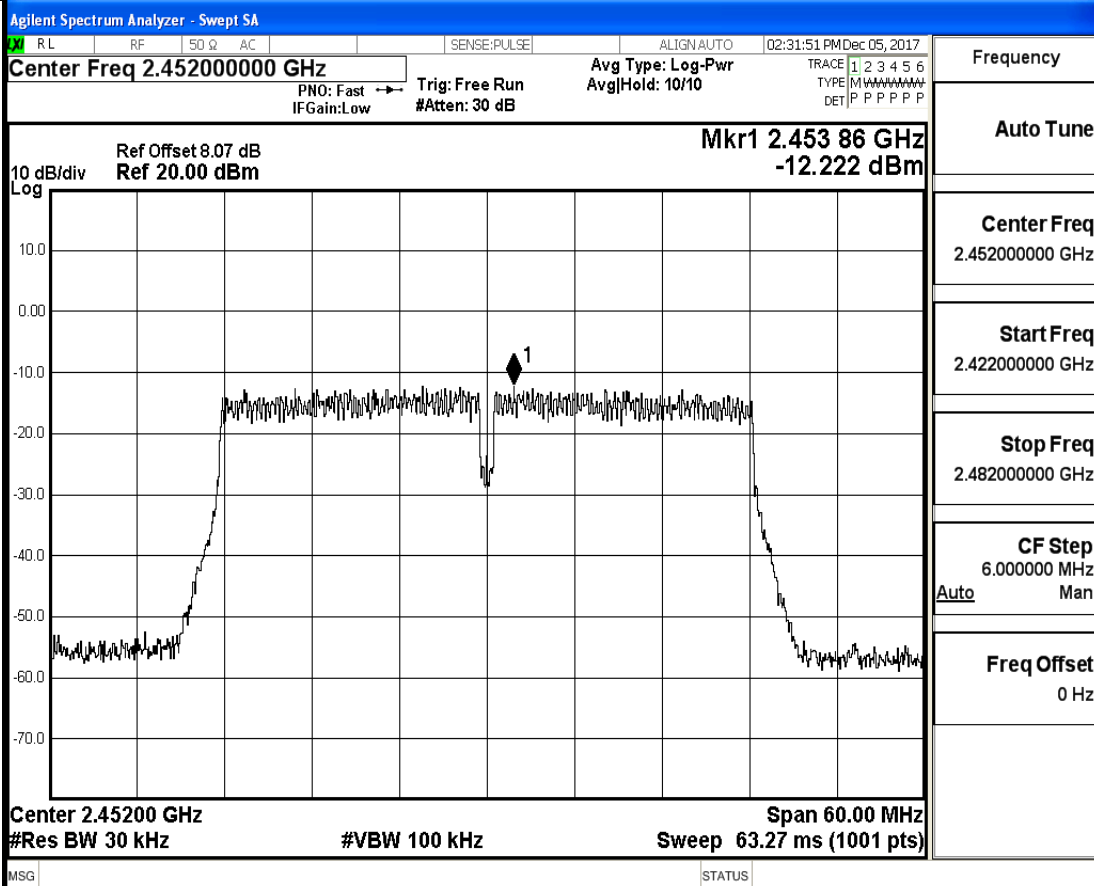
Maximum Peak power spectral density_11N40SISO_2422_Ant1



Maximum Peak power spectral density_11N40SISO_2437_Ant1



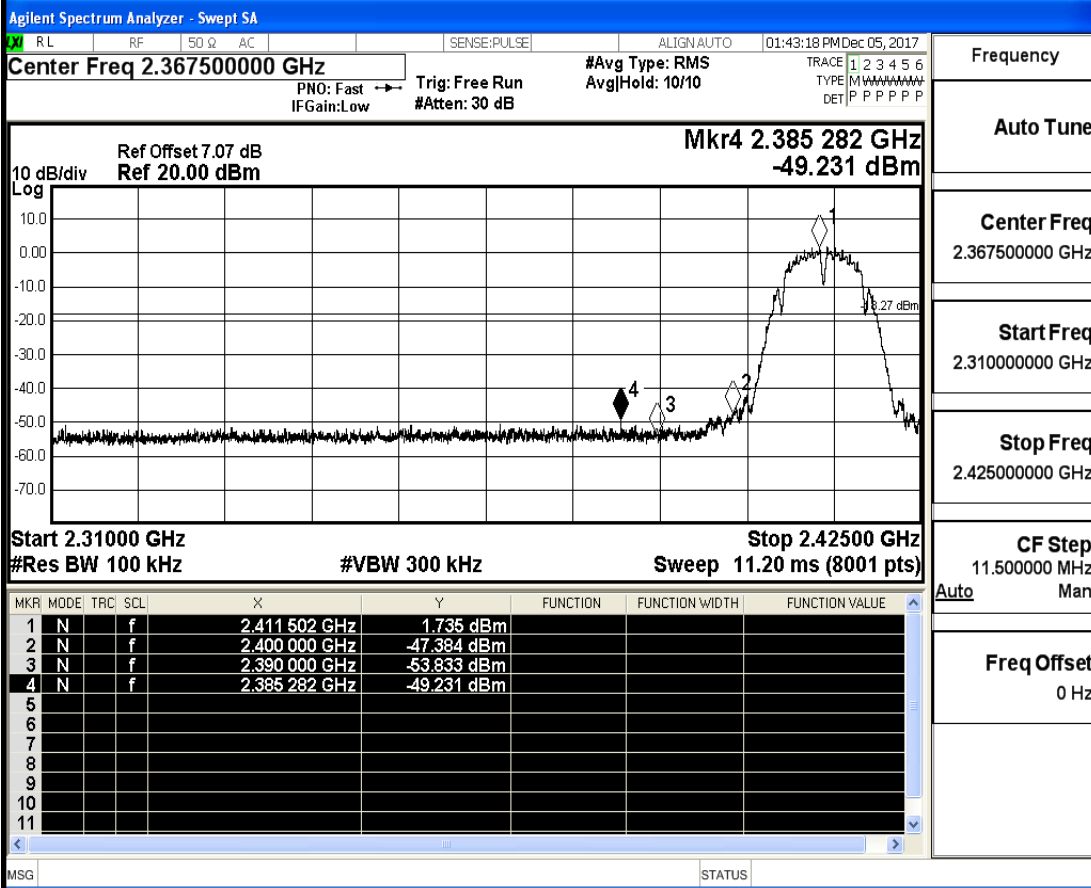
Maximum Peak power spectral density_11N40SISO_2452_Ant1



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	1.735	-49.231	-18.27	PASS
11B	2462	Ant1	3.465	-49.134	-16.54	PASS
11G	2412	Ant1	-7.579	-49.251	-27.58	PASS
11G	2462	Ant1	-6.356	-48.917	-26.36	PASS
11N20SISO	2412	Ant1	-6.633	-49.393	-26.63	PASS
11N20SISO	2462	Ant1	-5.822	-48.990	-25.82	PASS
11N40SISO	2422	Ant1	-9.257	-47.471	-29.26	PASS
11N40SISO	2452	Ant1	-9.387	-48.543	-29.39	PASS

Band-edge for RF Conducted Emissions_11B_2412_Ant1



Frequency

Auto Tune

Center Freq
2.367500000 GHz

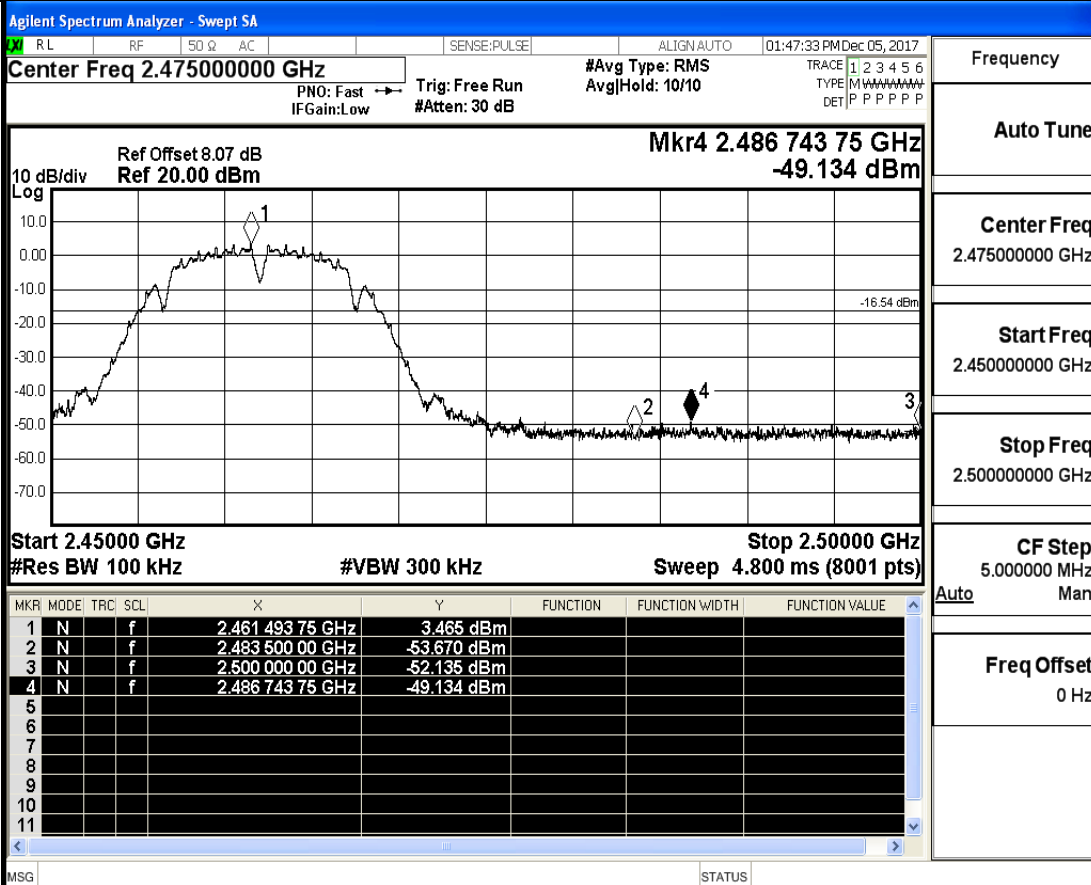
Start Freq
2.310000000 GHz

Stop Freq
2.425000000 GHz

CF Step
11.500000 MHz
Auto Man

Freq Offset
0 Hz

Band-edge for RF Conducted Emissions_11B_2462_Ant1



Frequency

Auto Tune

Center Freq
2.475000000 GHz

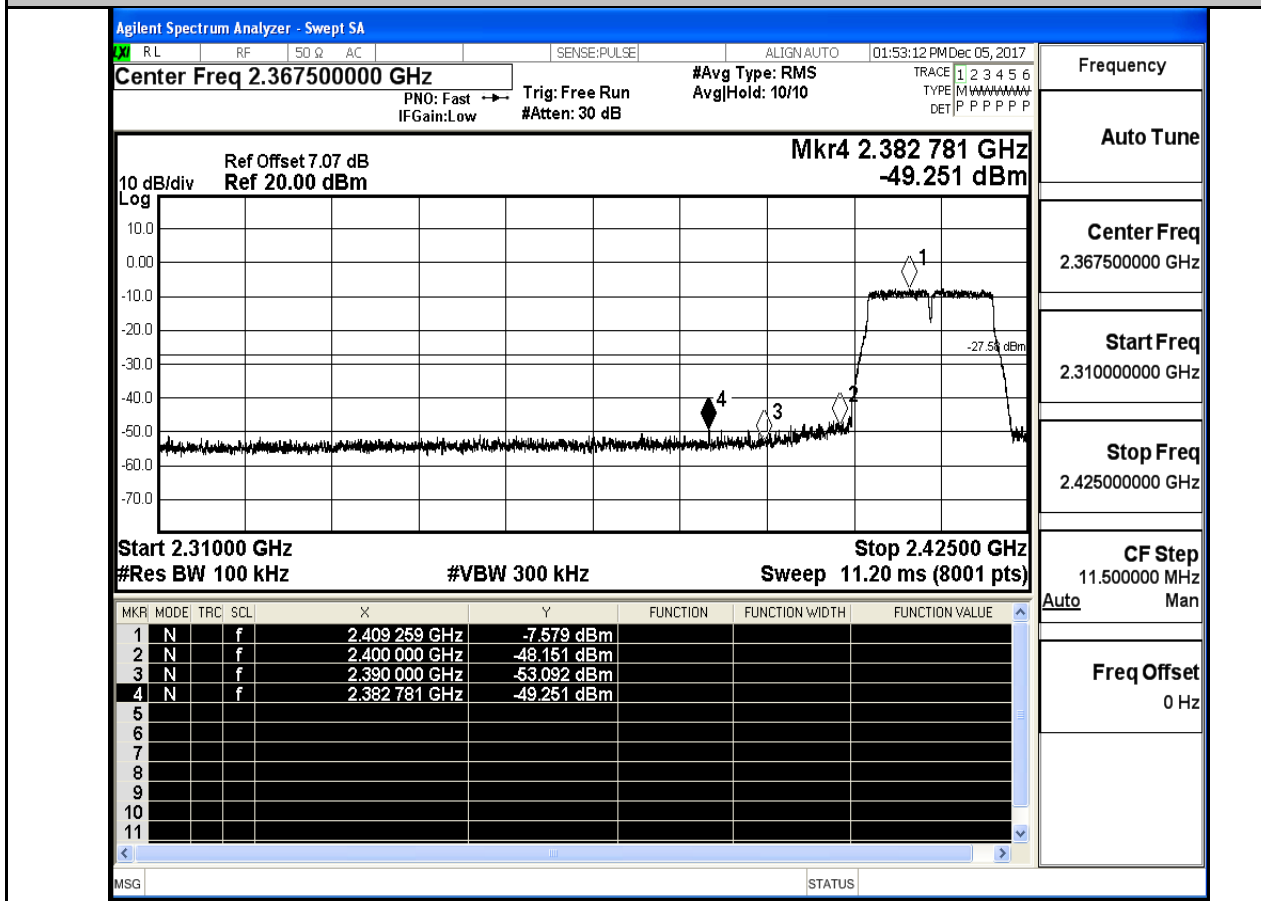
Start Freq
2.450000000 GHz

Stop Freq
2.500000000 GHz

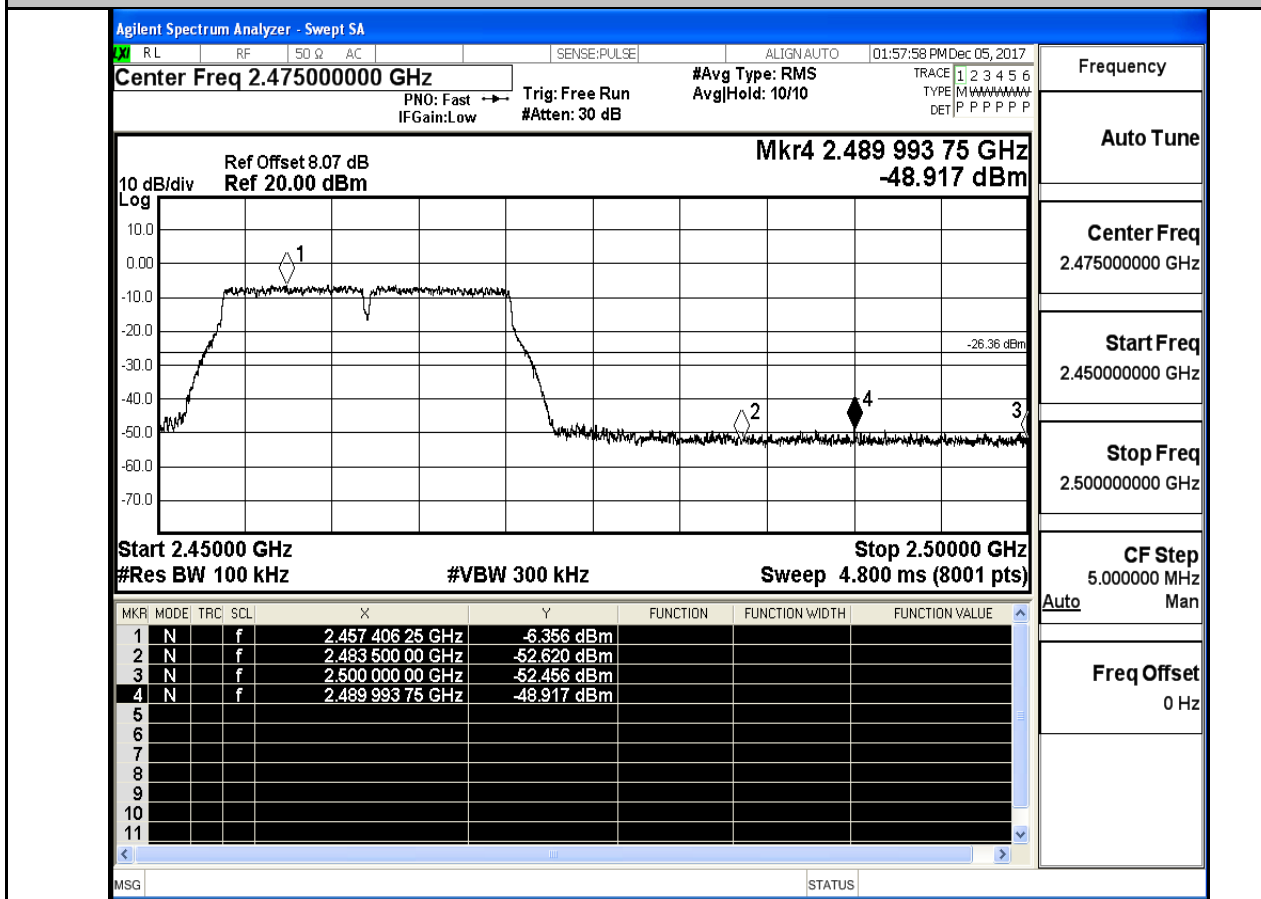
CF Step
5.000000 MHz
Auto Man

Freq Offset
0 Hz

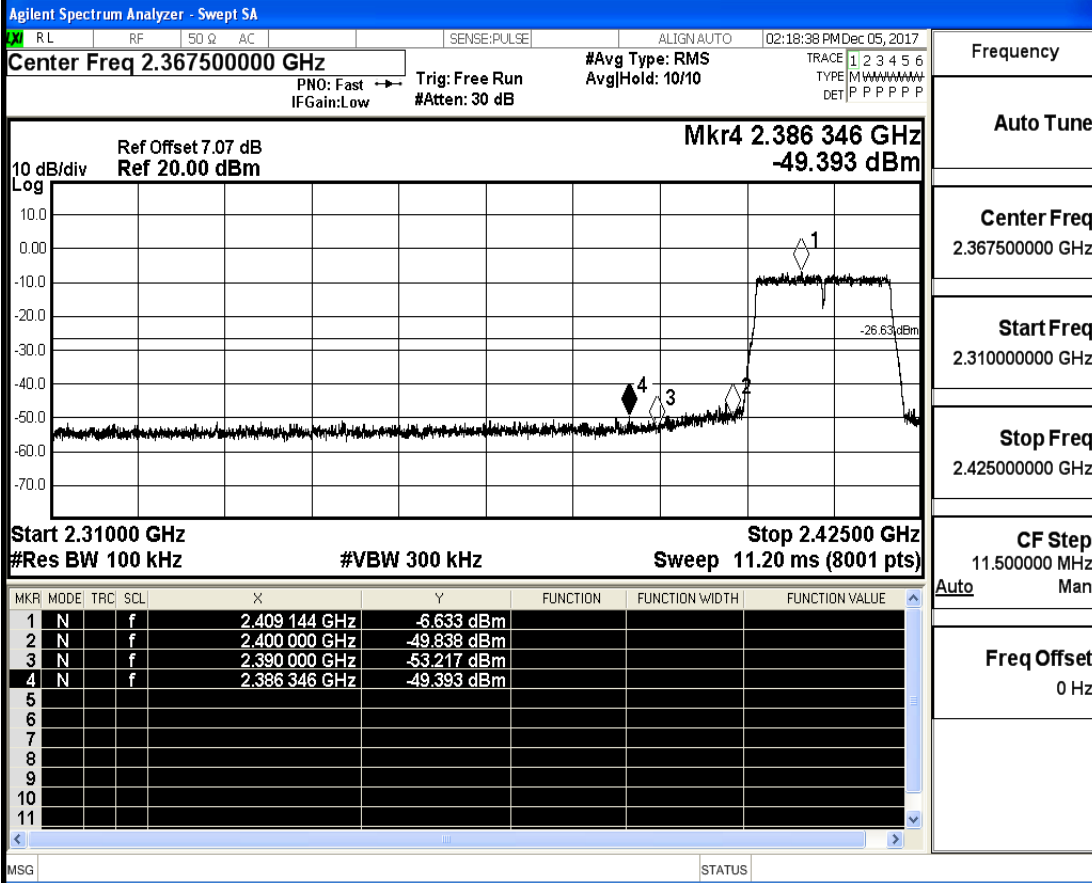
Band-edge for RF Conducted Emissions_11G_2412_Ant1



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

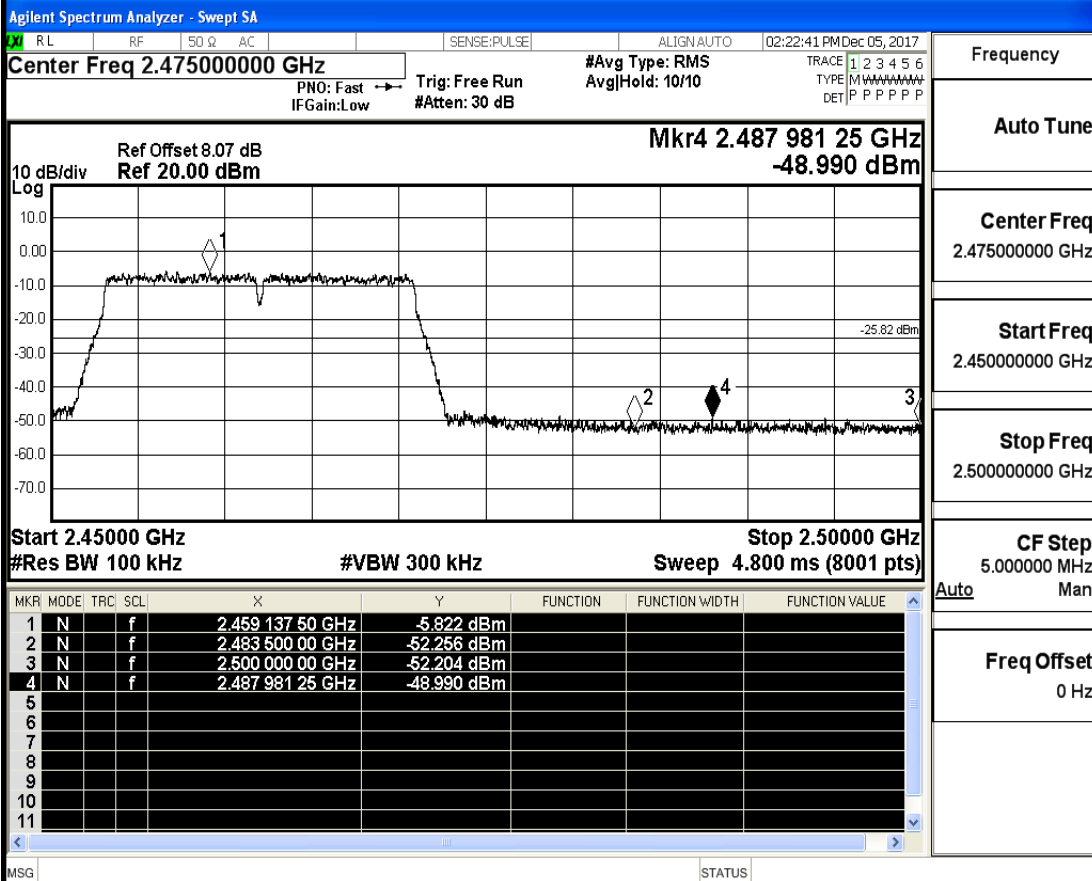
Start Freq
2.310000000 GHz

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

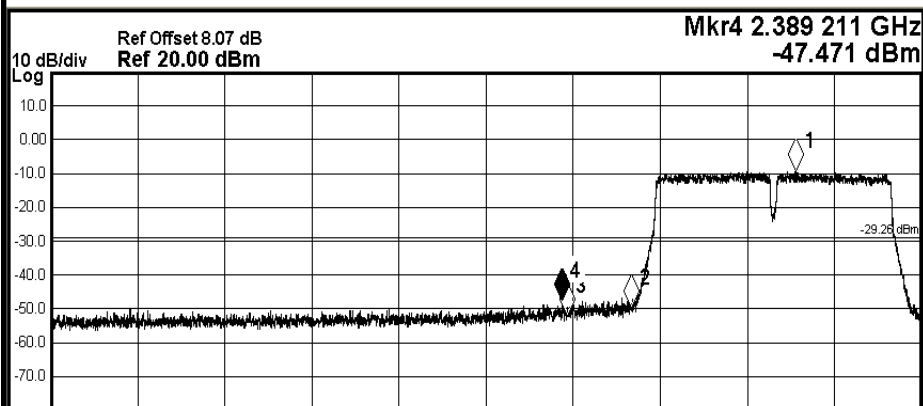
CF Step
5.000000 MHz
Auto Man

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
 IF Gain: 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 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	2.425 509 GHz	-9.257 dBm			
2	N		f	2.400 000 GHz	-49.581 dBm			
3	N		f	2.390 000 GHz	-51.942 dBm			
4	N		f	2.389 211 GHz	-47.471 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

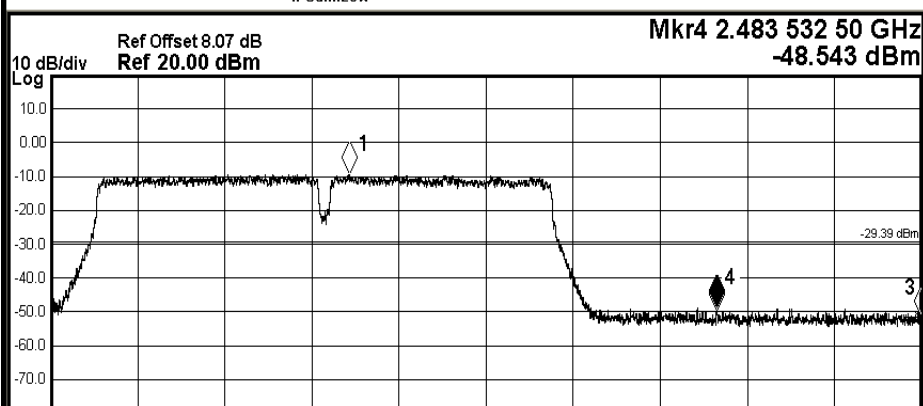
CF Step
13.500000 MHz
Auto Man

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
 IF Gain: 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 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	2.453 992 50 GHz	-9.387 dBm			
2	N		f	2.483 500 00 GHz	-49.835 dBm			
3	N		f	2.500 000 00 GHz	-51.837 dBm			
4	N		f	2.483 532 50 GHz	-48.543 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

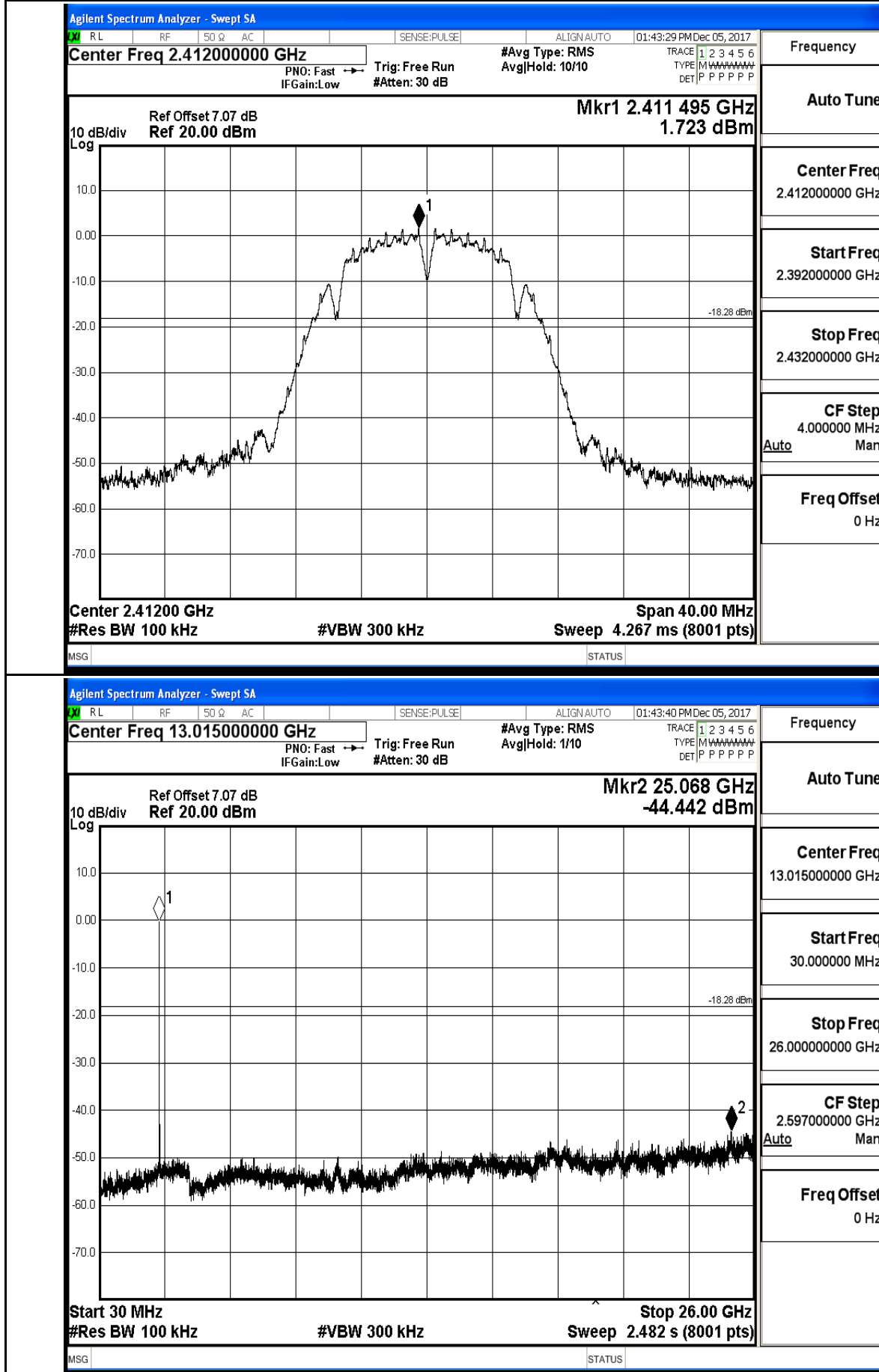
CF Step
7.000000 MHz
Auto Man

Freq Offset
0 Hz

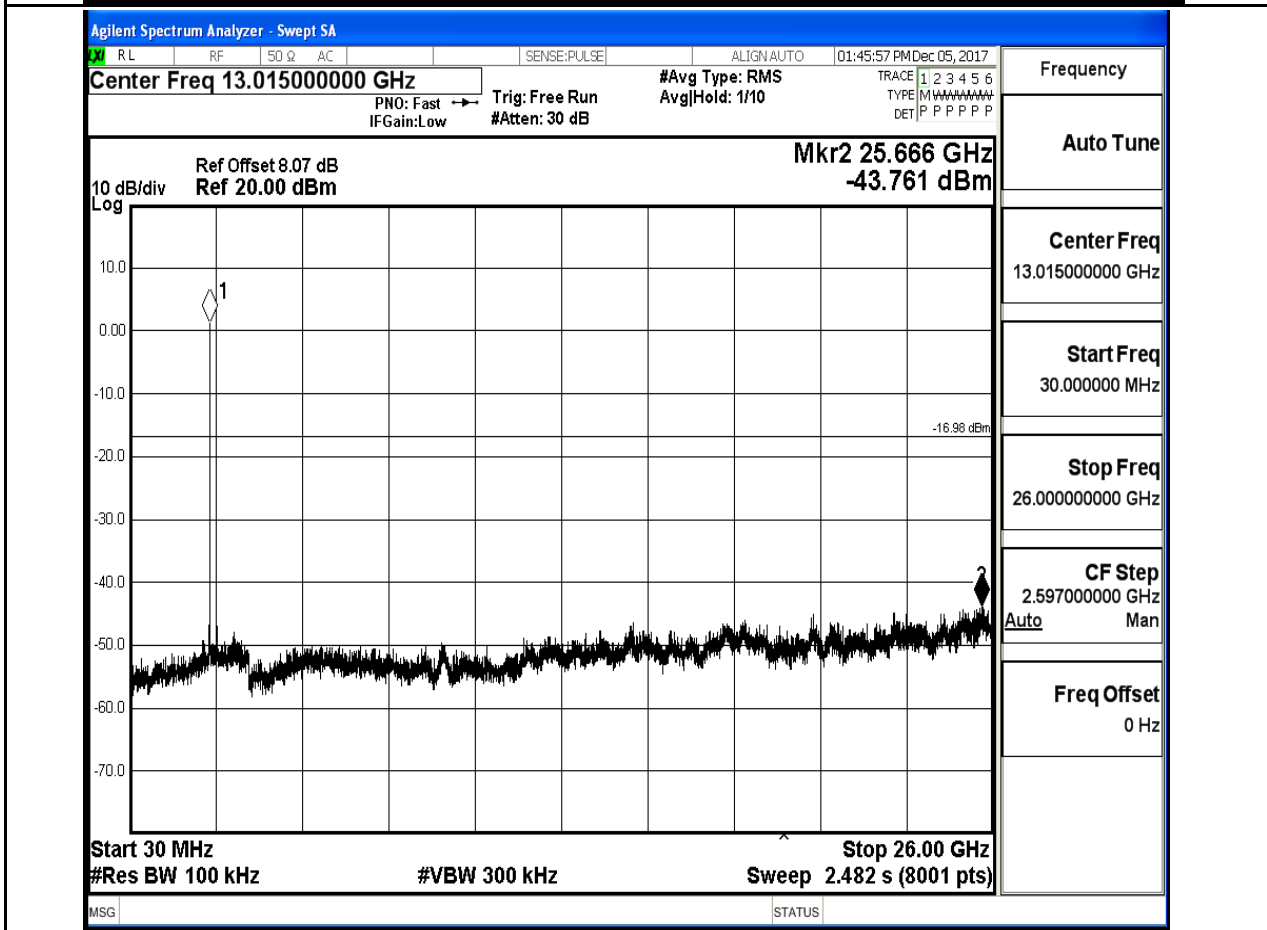
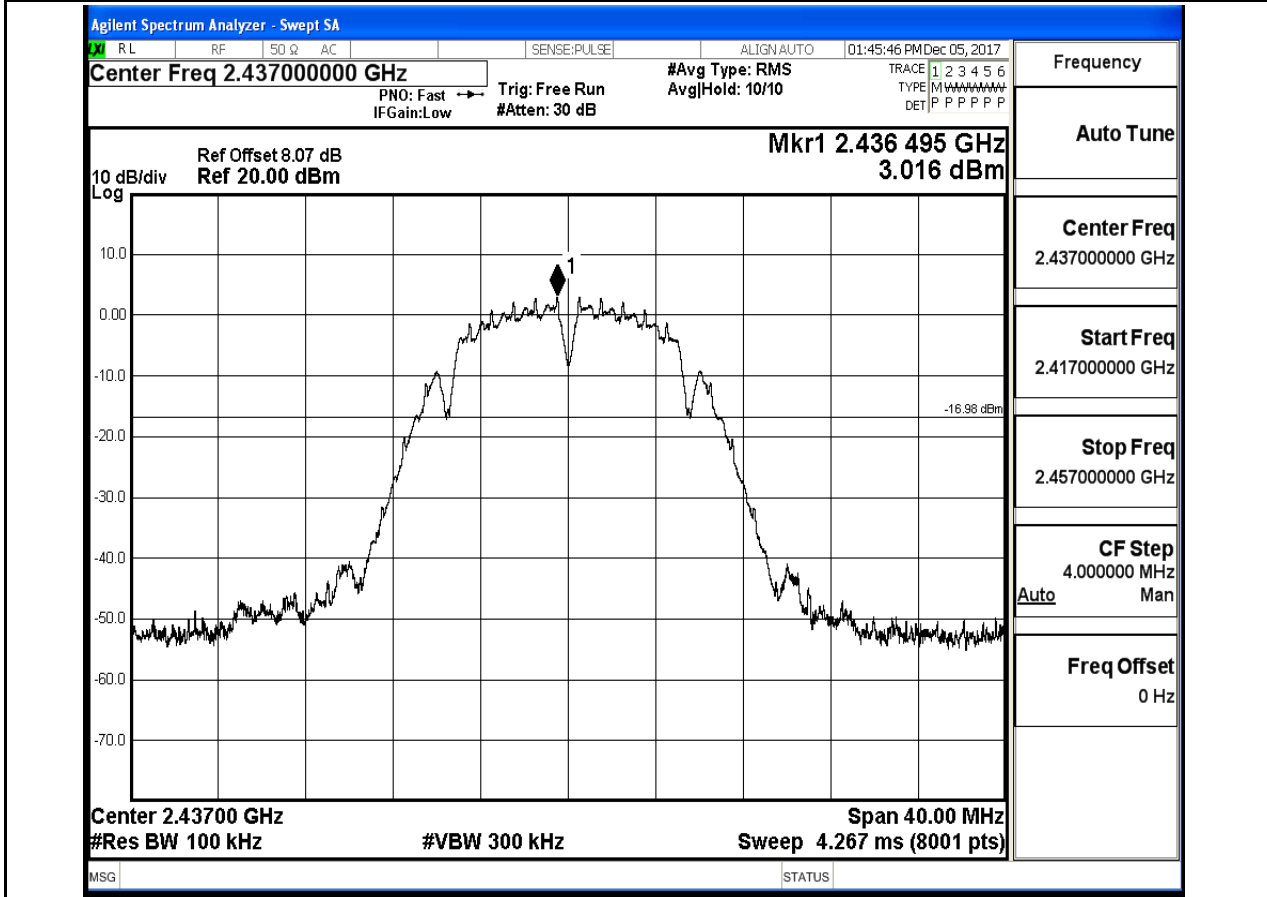
5.RF Conducted Spurious Emissions

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	1.723	-44.442	<-18.277	PASS
11B	2437	Ant1	30	26000	100	300	3.016	-43.761	<-16.984	PASS
11B	2462	Ant1	30	26000	100	300	3.393	-42.511	<-16.607	PASS
11G	2412	Ant1	30	26000	100	300	-7.627	-44.728	<-27.627	PASS
11G	2437	Ant1	30	26000	100	300	-6.332	-44.658	<-26.332	PASS
11G	2462	Ant1	30	26000	100	300	-6.5	-43.763	<-26.5	PASS
11N20SISO	2412	Ant1	30	26000	100	300	-6.643	-43.818	<-26.643	PASS
11N20SISO	2437	Ant1	30	26000	100	300	-6.021	-42.650	<-26.021	PASS
11N20SISO	2462	Ant1	30	26000	100	300	-5.742	-43.278	<-25.742	PASS
11N40SISO	2422	Ant1	30	26000	100	300	-9.478	-43.597	<-29.478	PASS
11N40SISO	2437	Ant1	30	26000	100	300	-9.342	-43.110	<-29.342	PASS
11N40SISO	2452	Ant1	30	26000	100	300	-9.322	-43.576	<-29.322	PASS

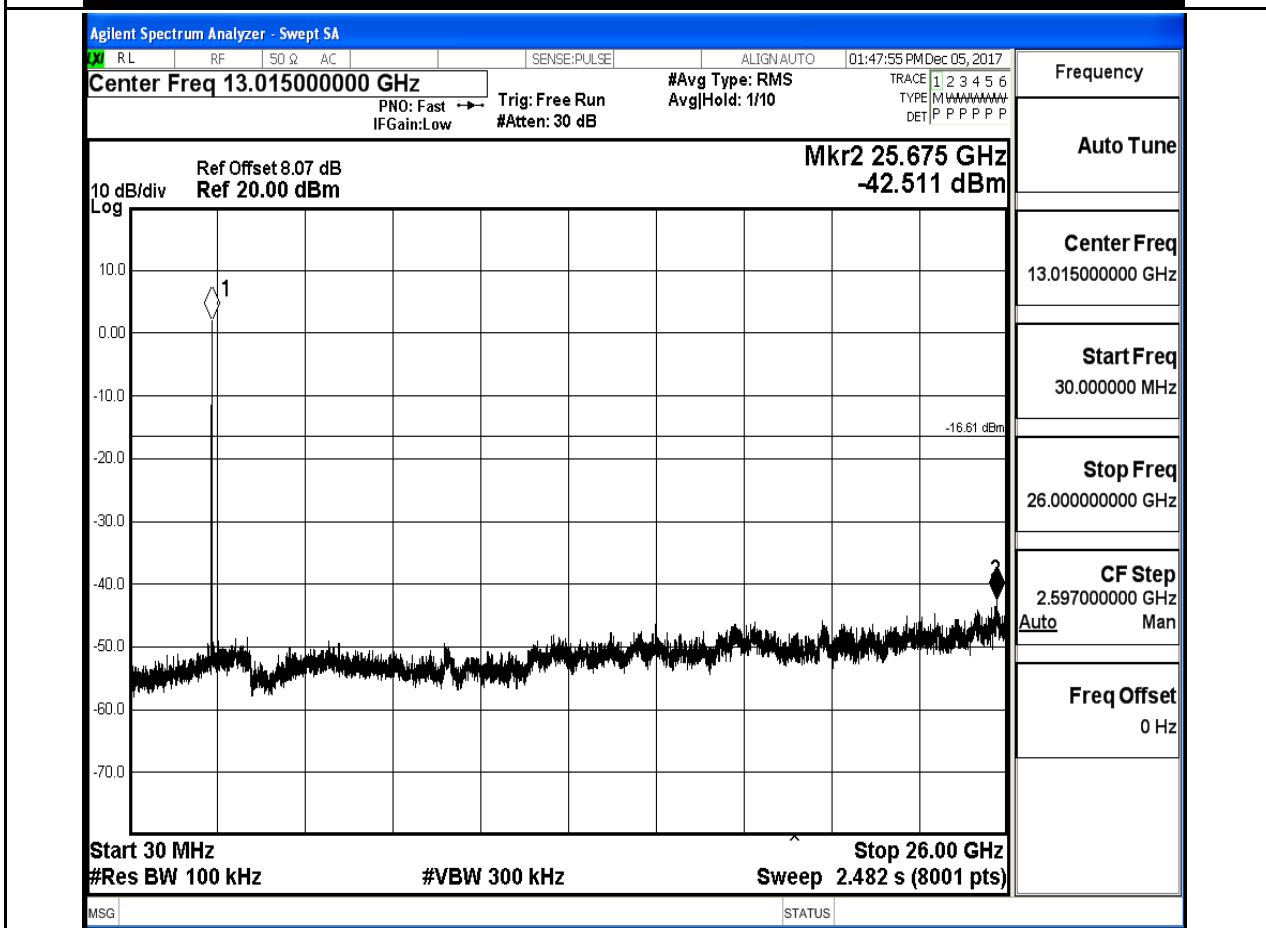
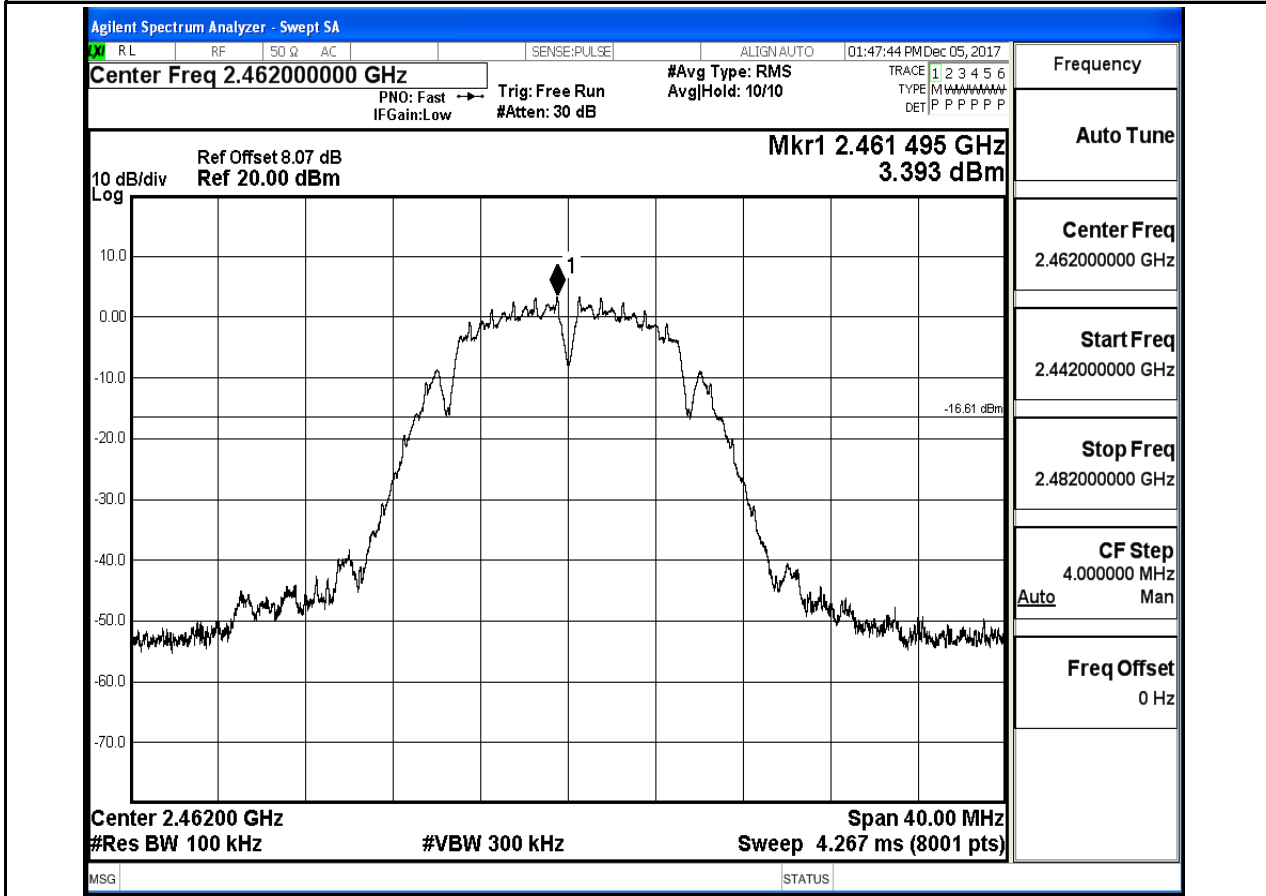
RF Conducted Spurious Emissions_11B_2412_Ant1



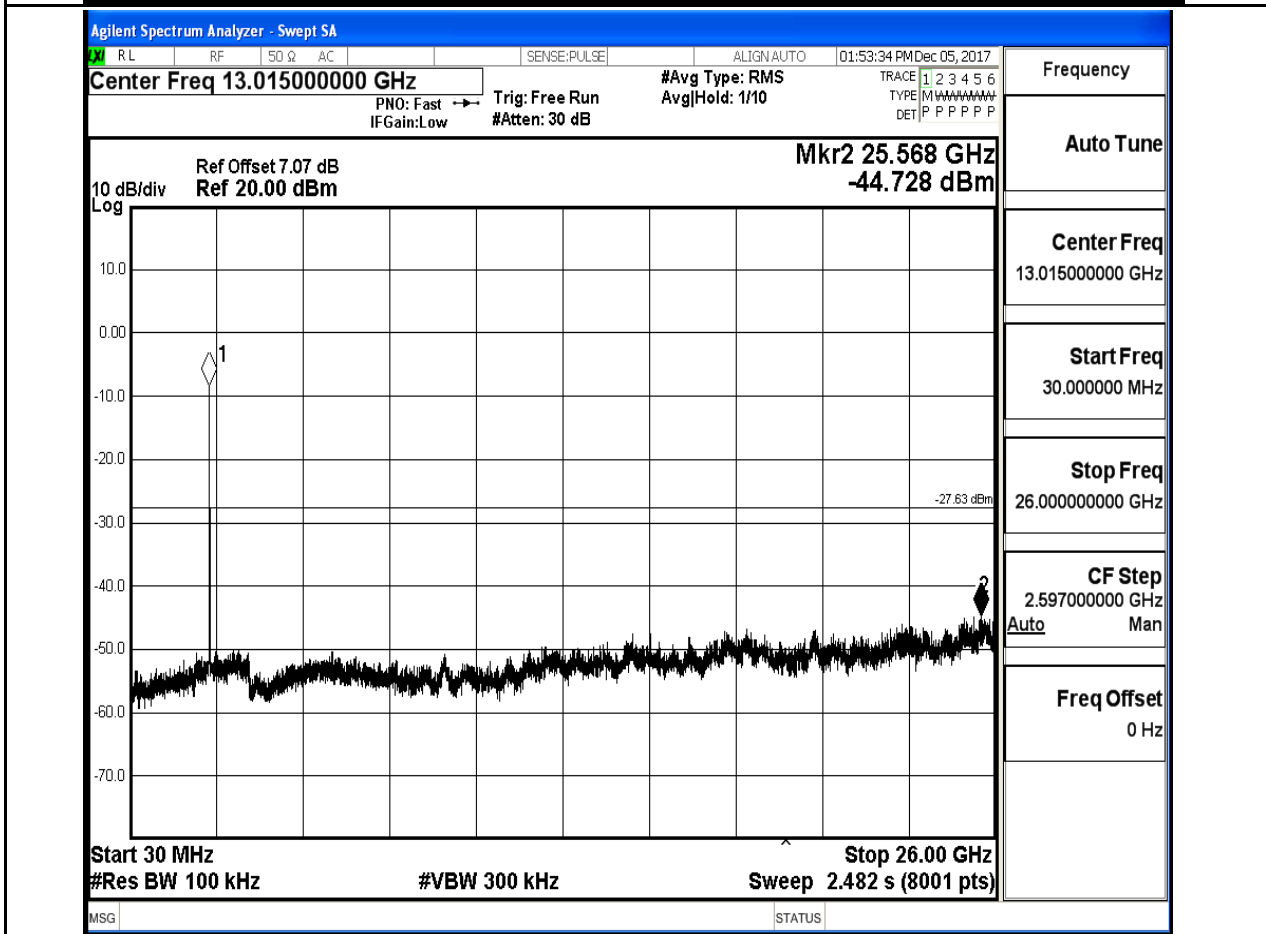
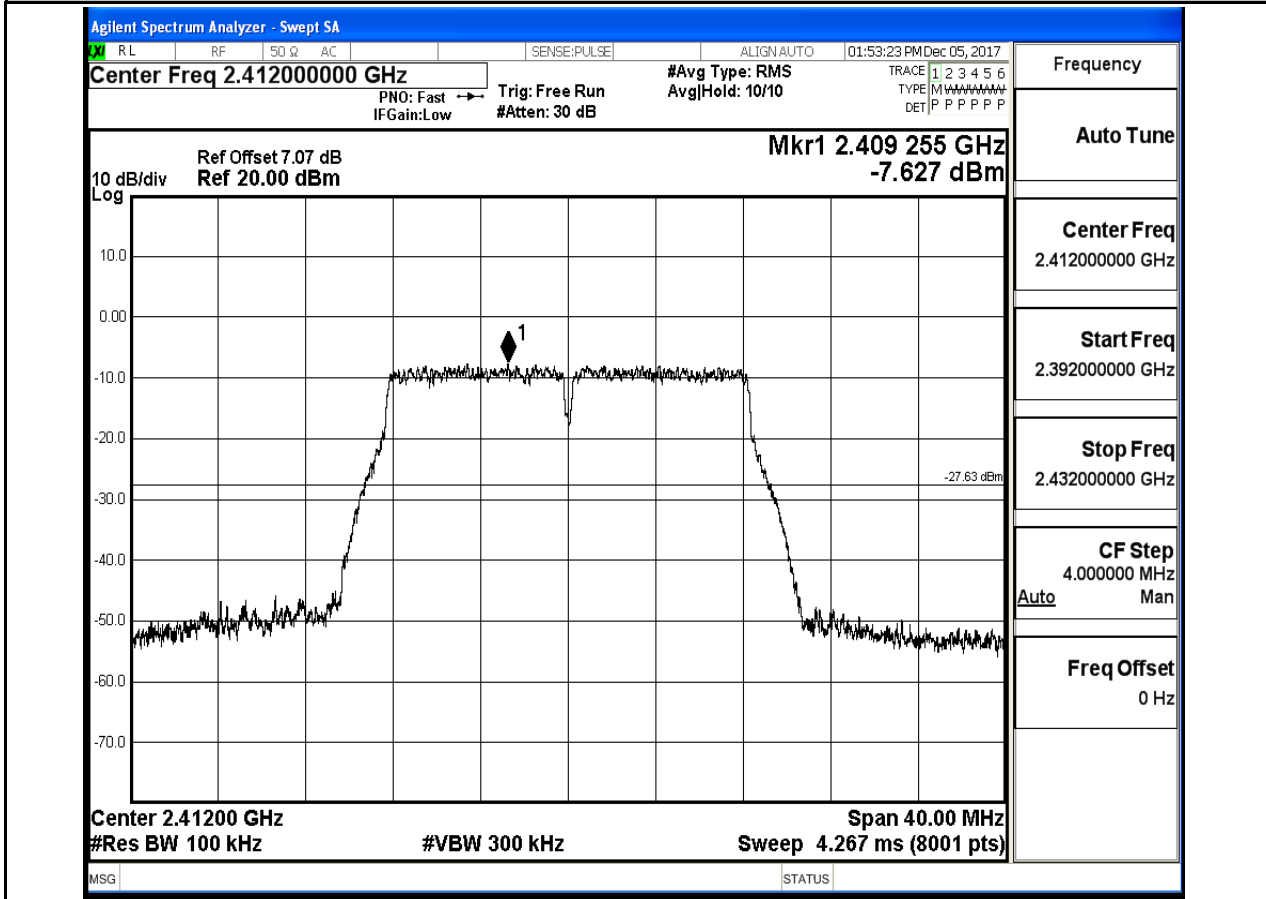
RF Conducted Spurious Emissions_11B_2437_Ant1



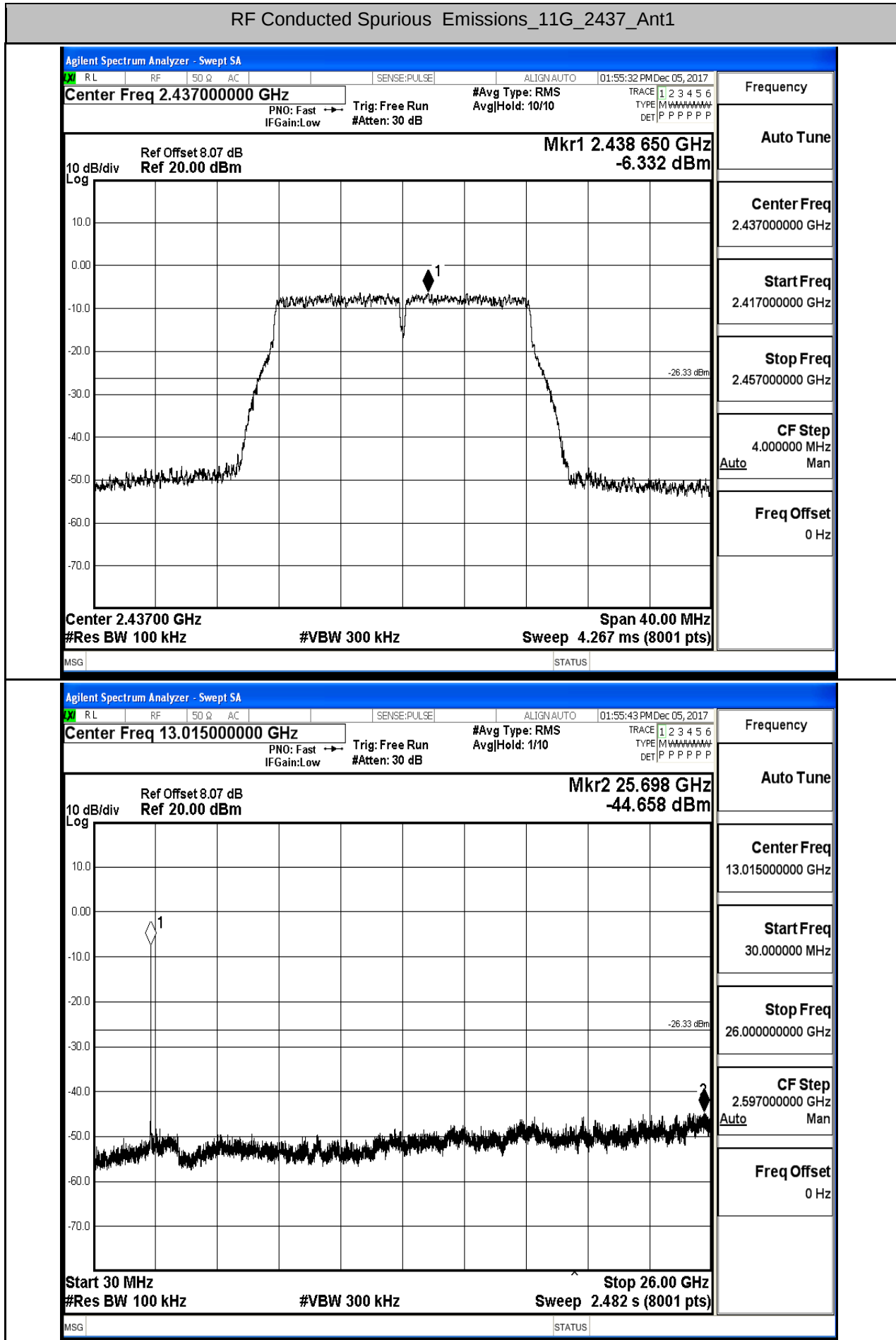
RF Conducted Spurious Emissions_11B_2462_Ant1



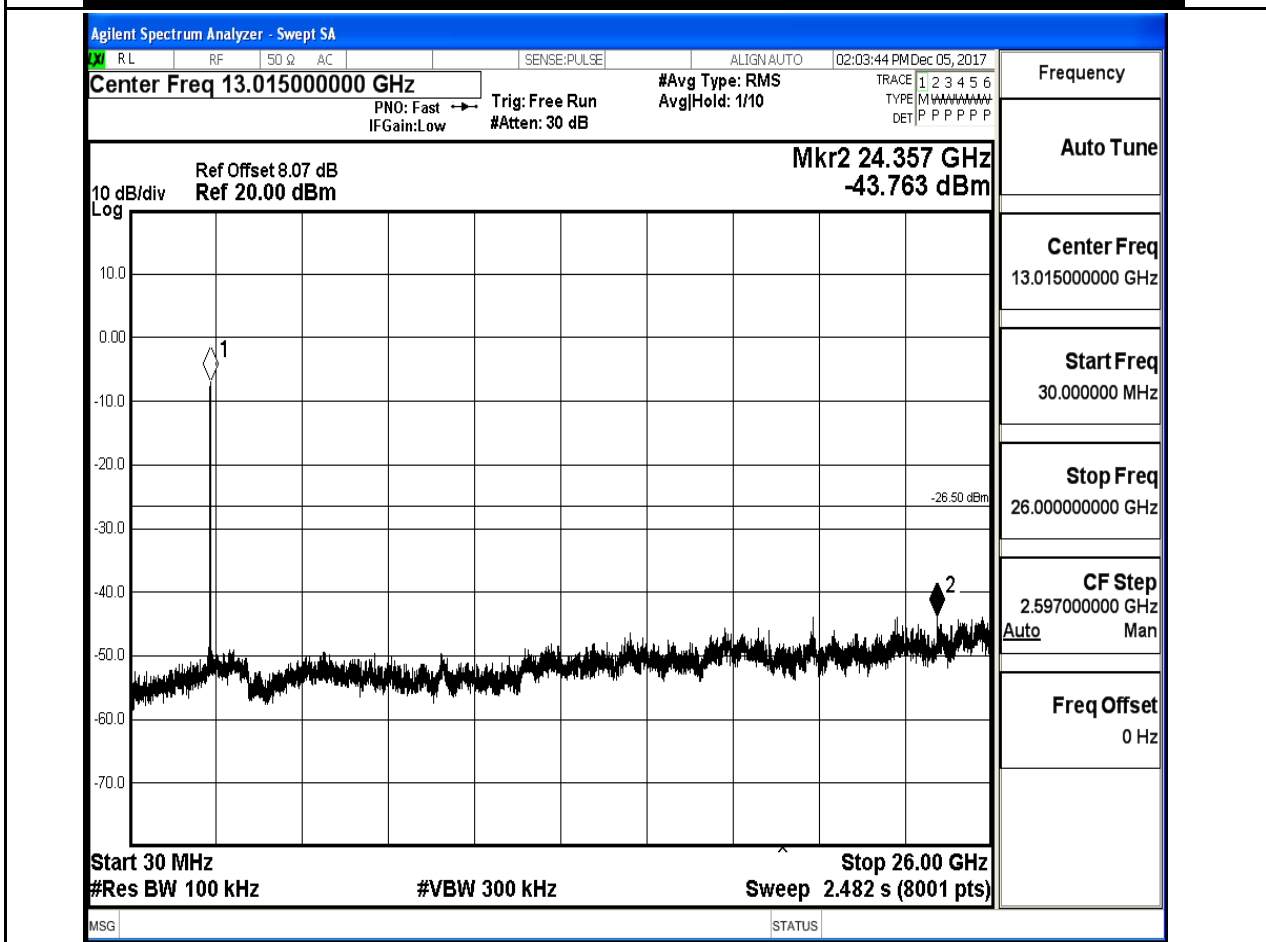
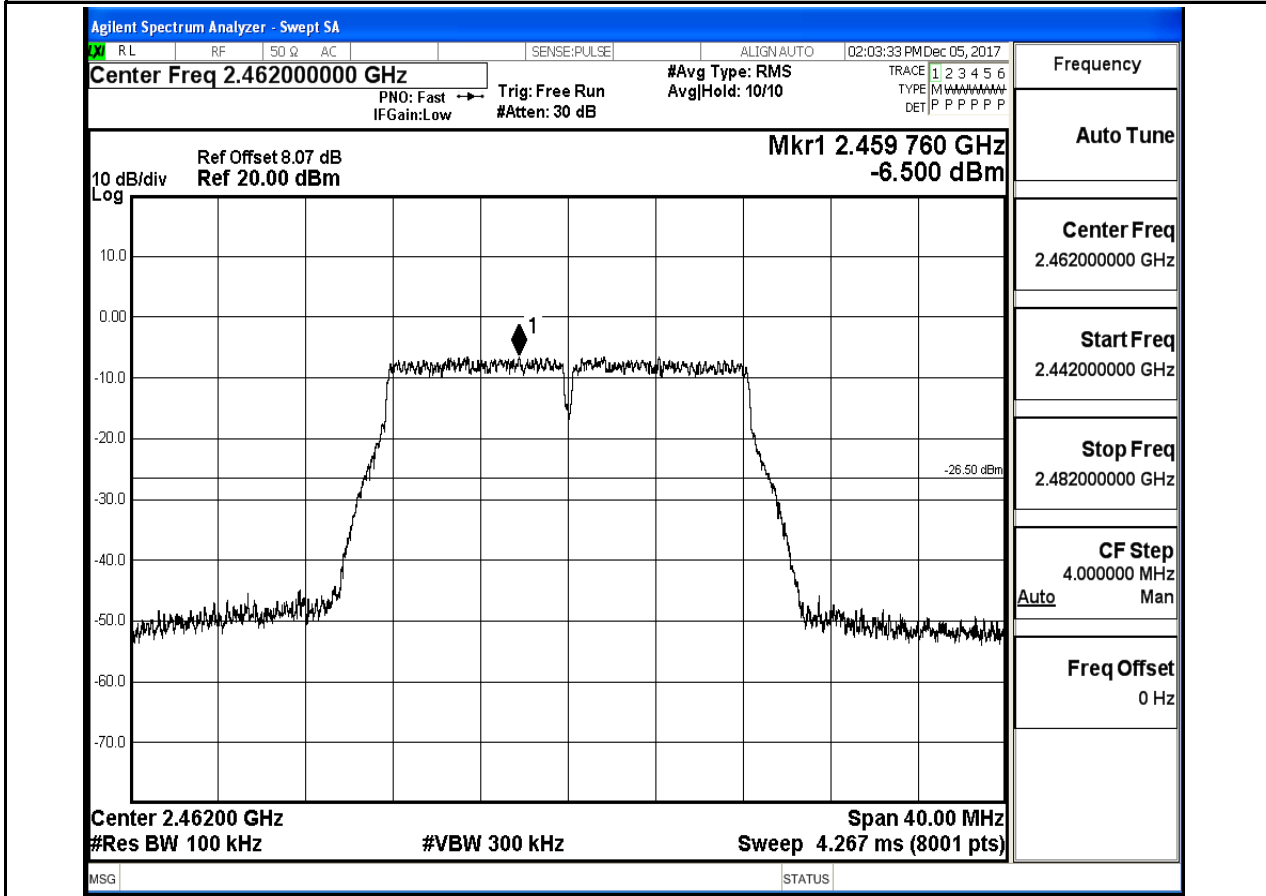
RF Conducted Spurious Emissions_11G_2412_Ant1



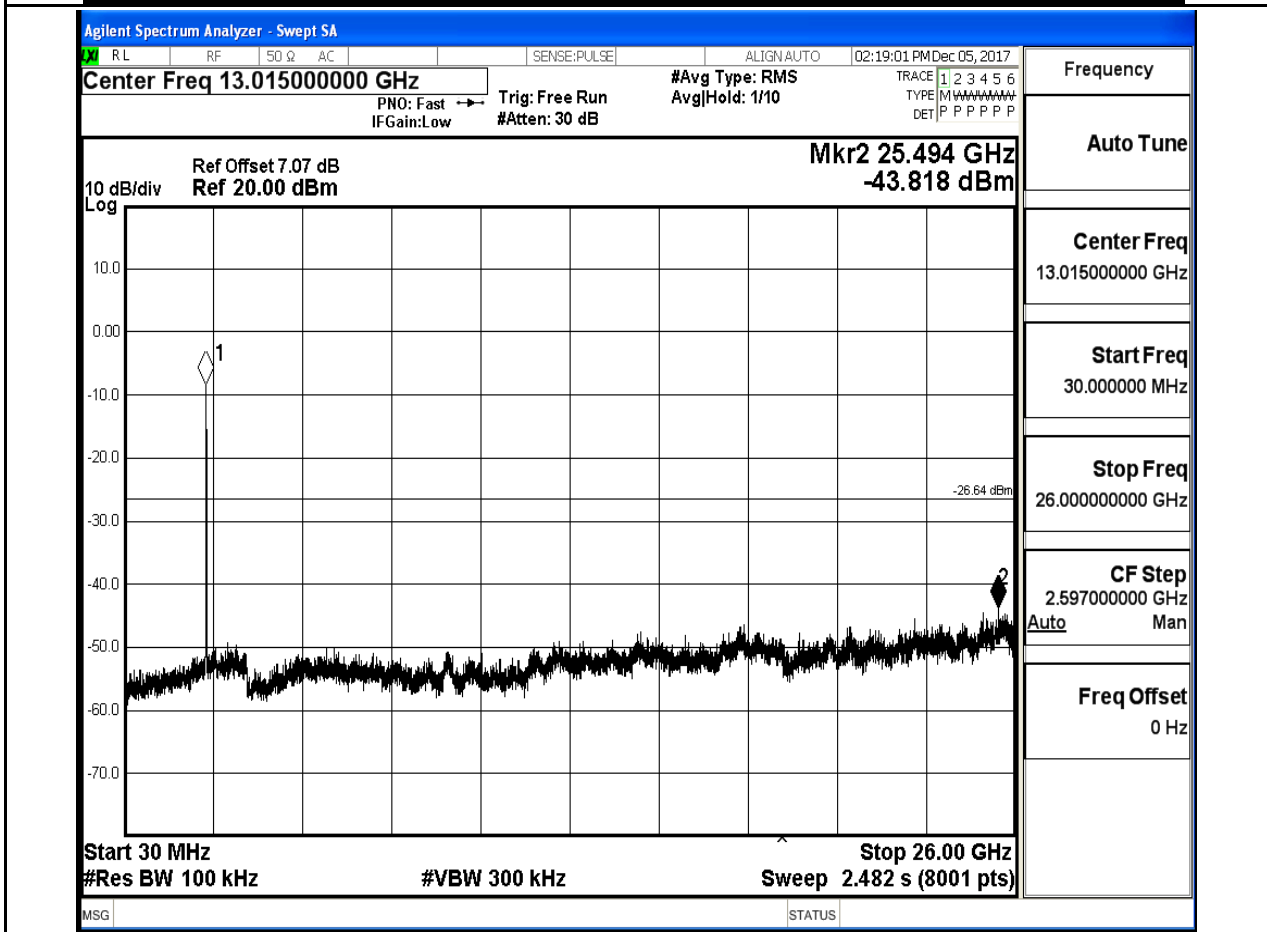
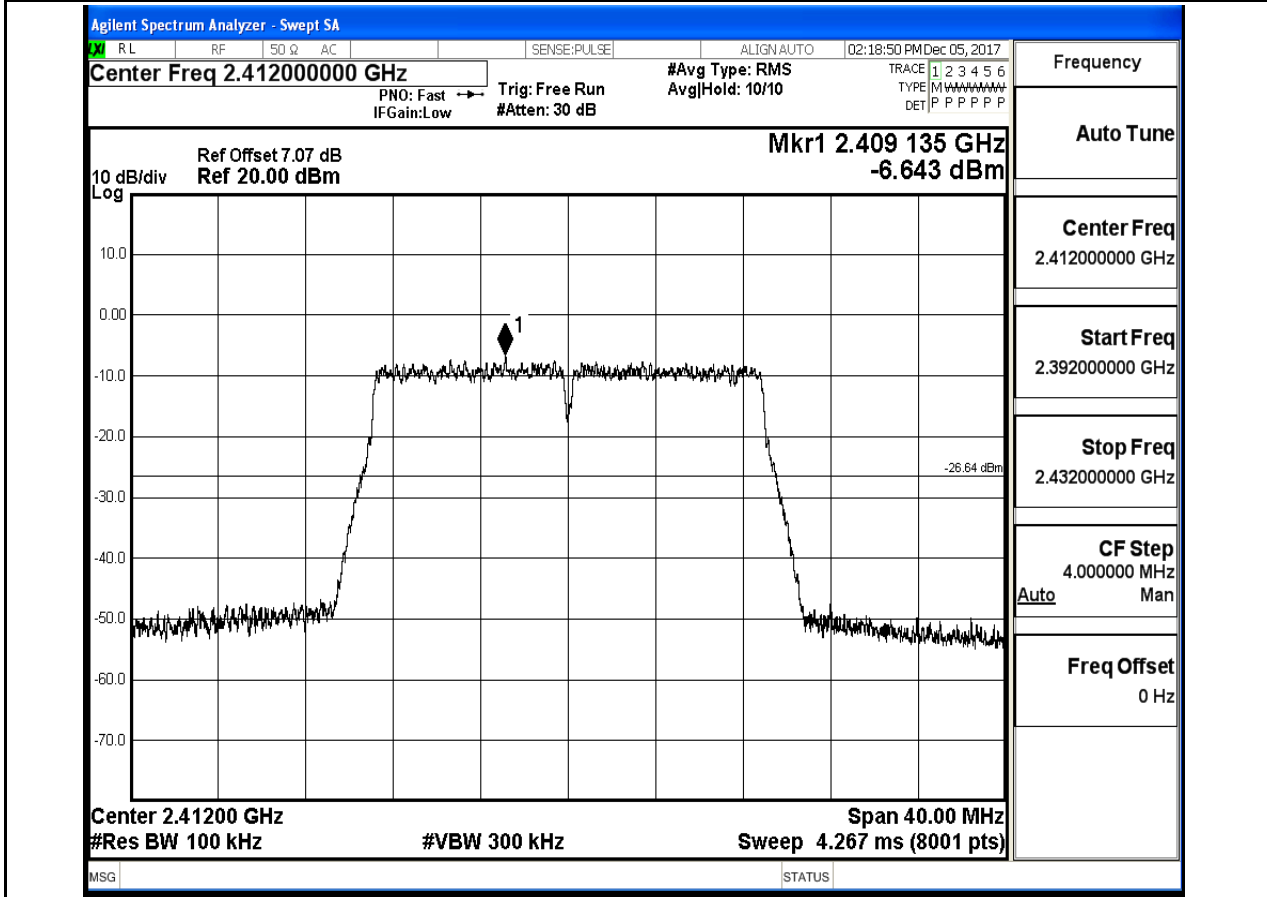
RF Conducted Spurious Emissions_11G_2437_Ant1



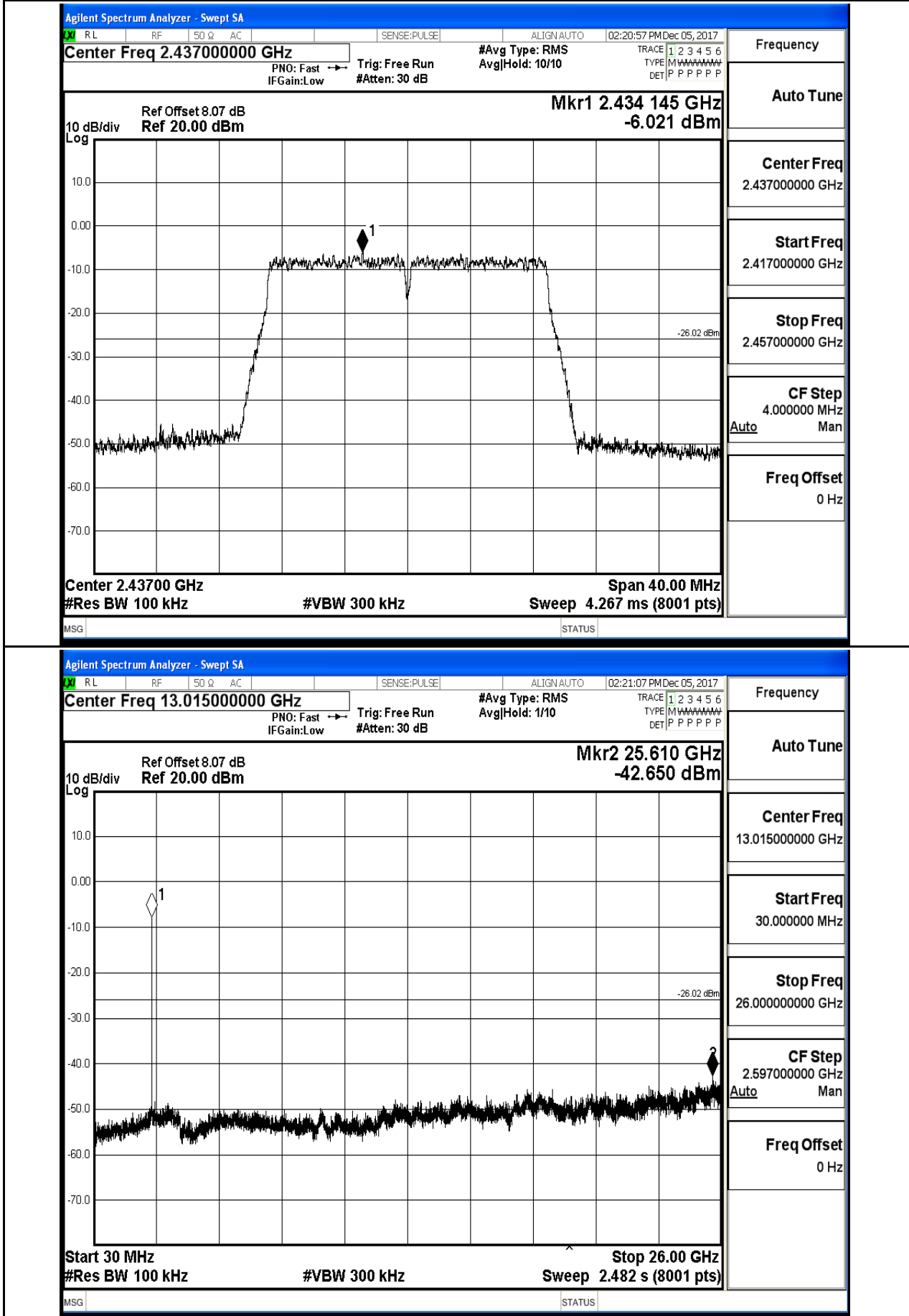
RF Conducted Spurious Emissions_11G_2462_Ant1



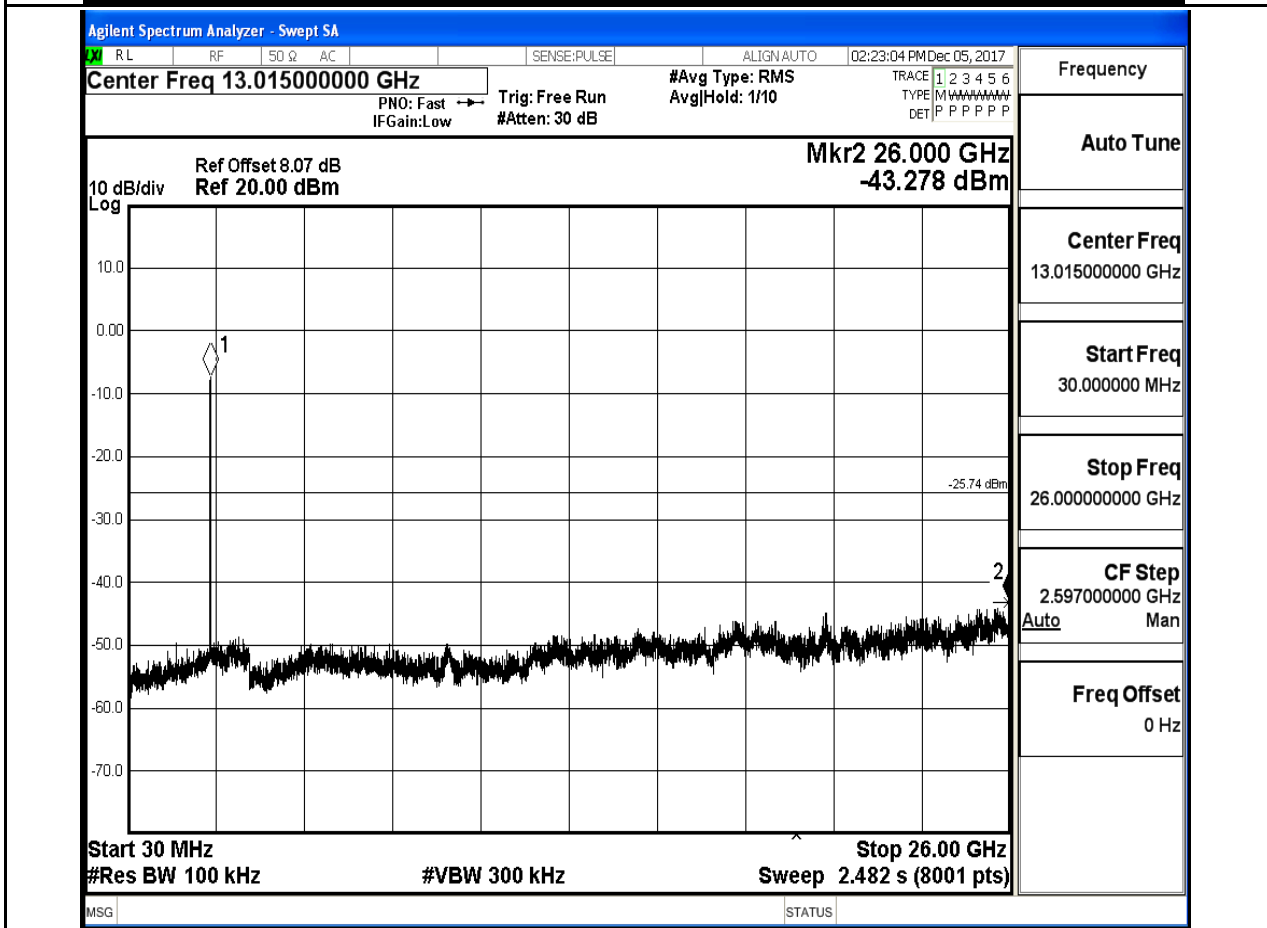
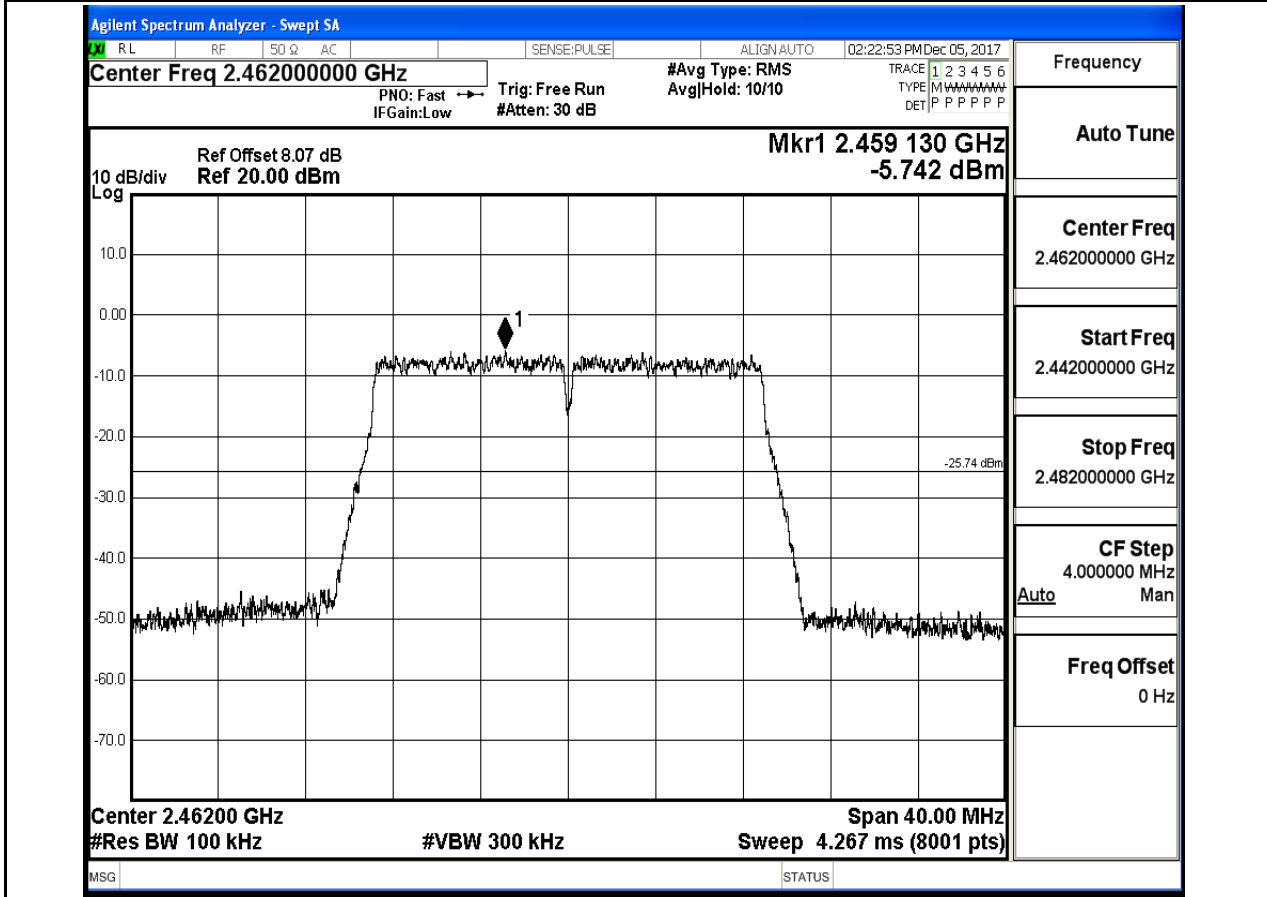
RF Conducted Spurious Emissions_11N20SISO_2412_Ant1



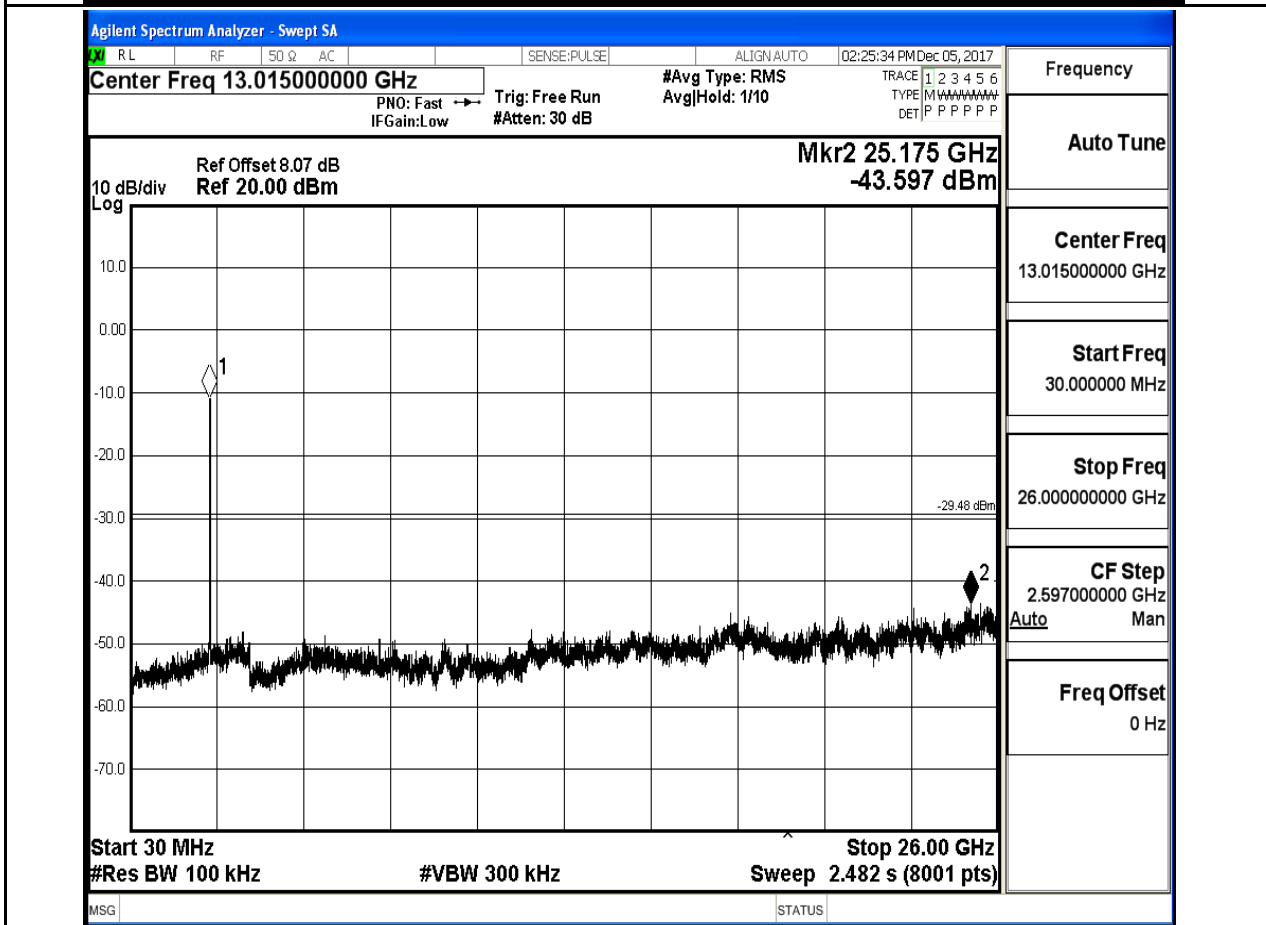
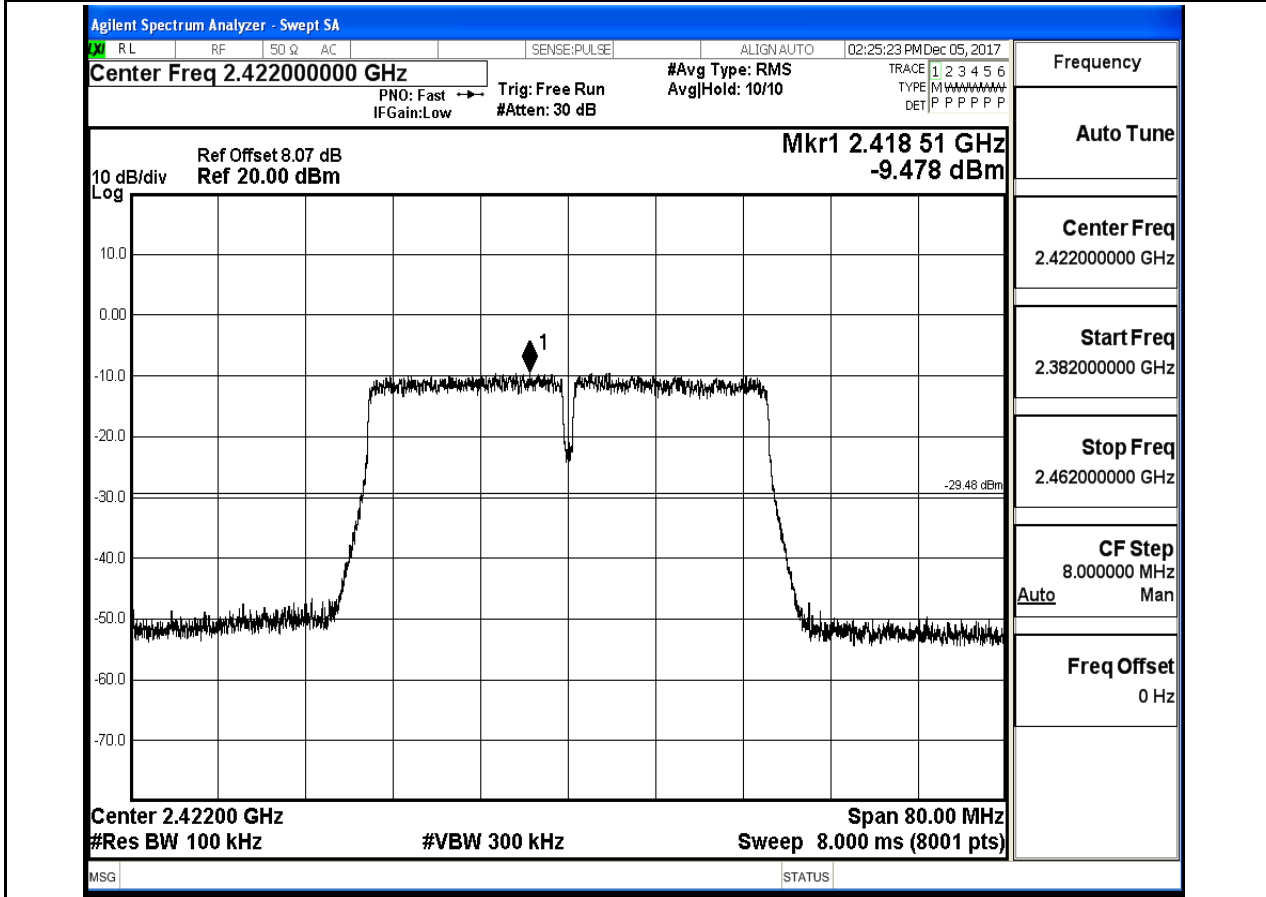
RF Conducted Spurious Emissions_11N20SISO_2437_Ant1



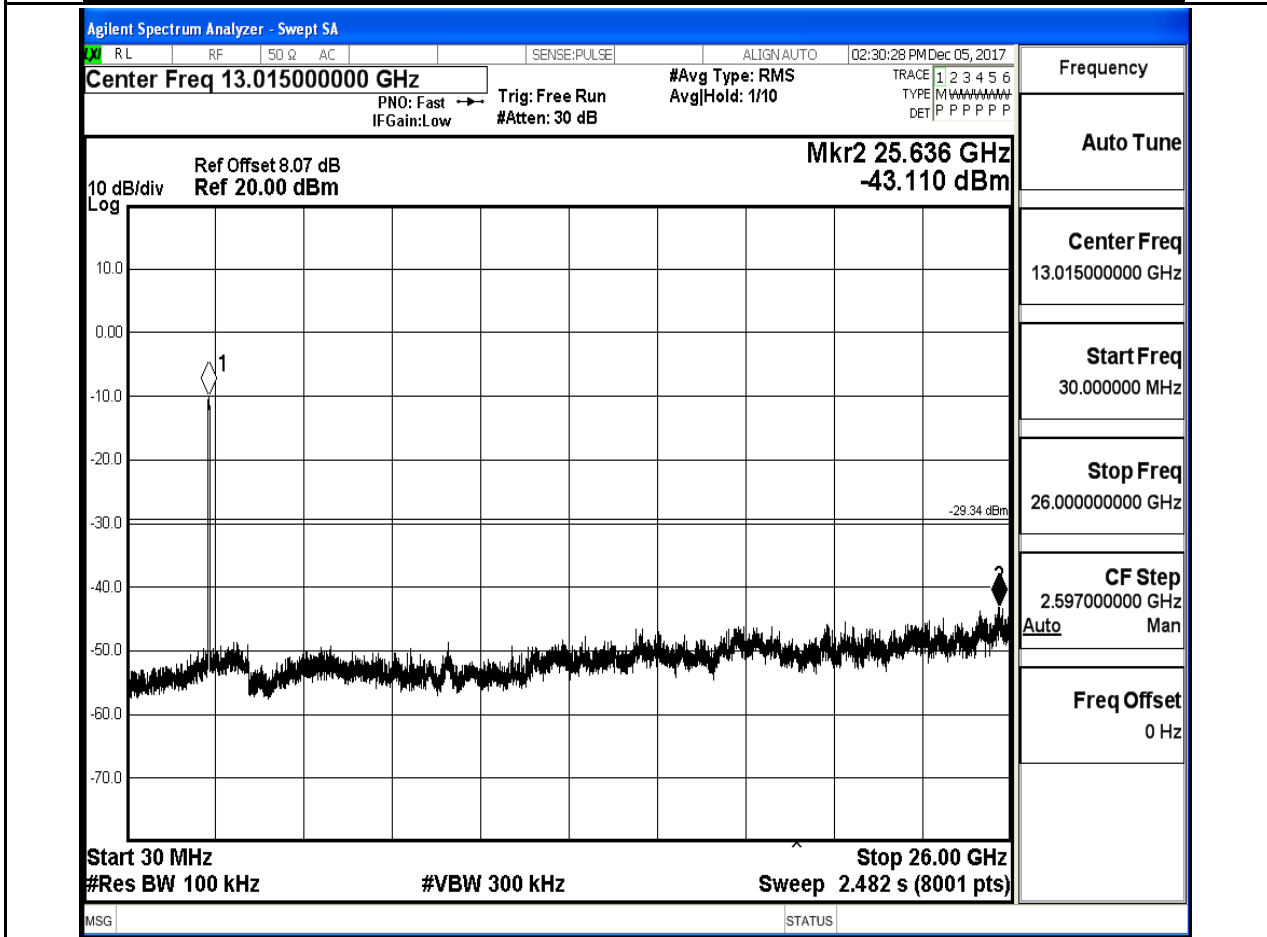
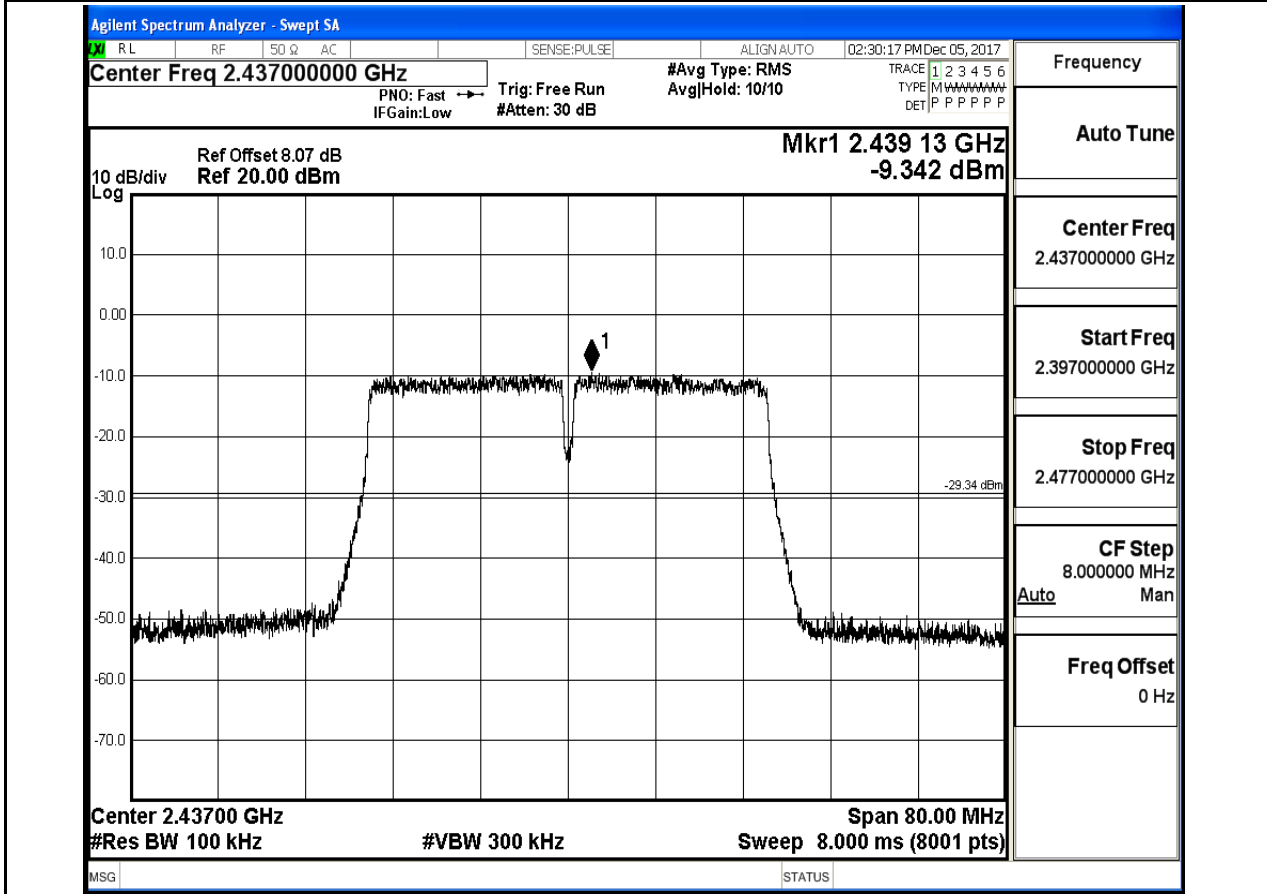
RF Conducted Spurious Emissions_11N20SISO_2462_Ant1



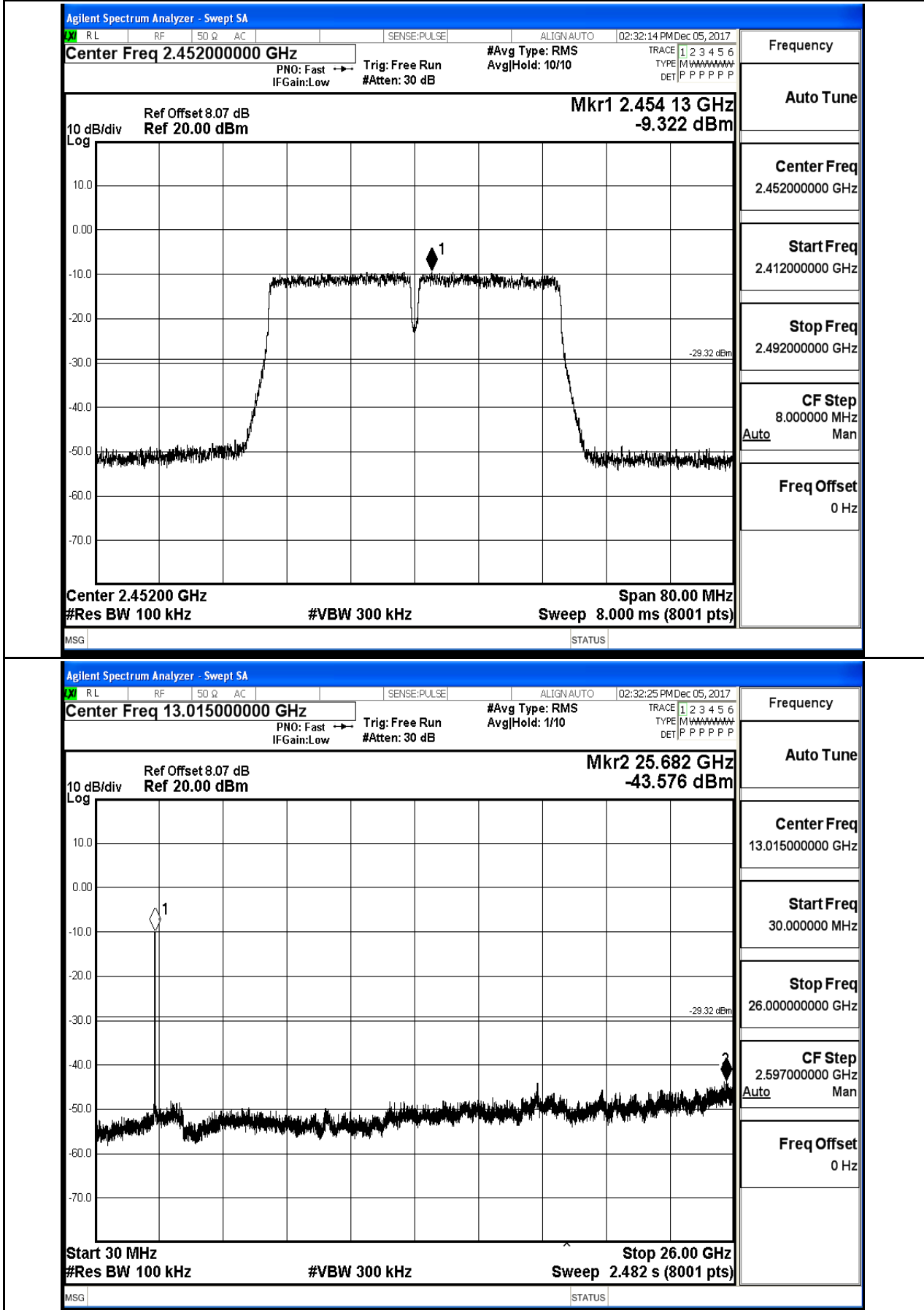
RF Conducted Spurious Emissions_11N40SISO_2422_Ant1



RF Conducted Spurious Emissions_11N40SISO_2437_Ant1



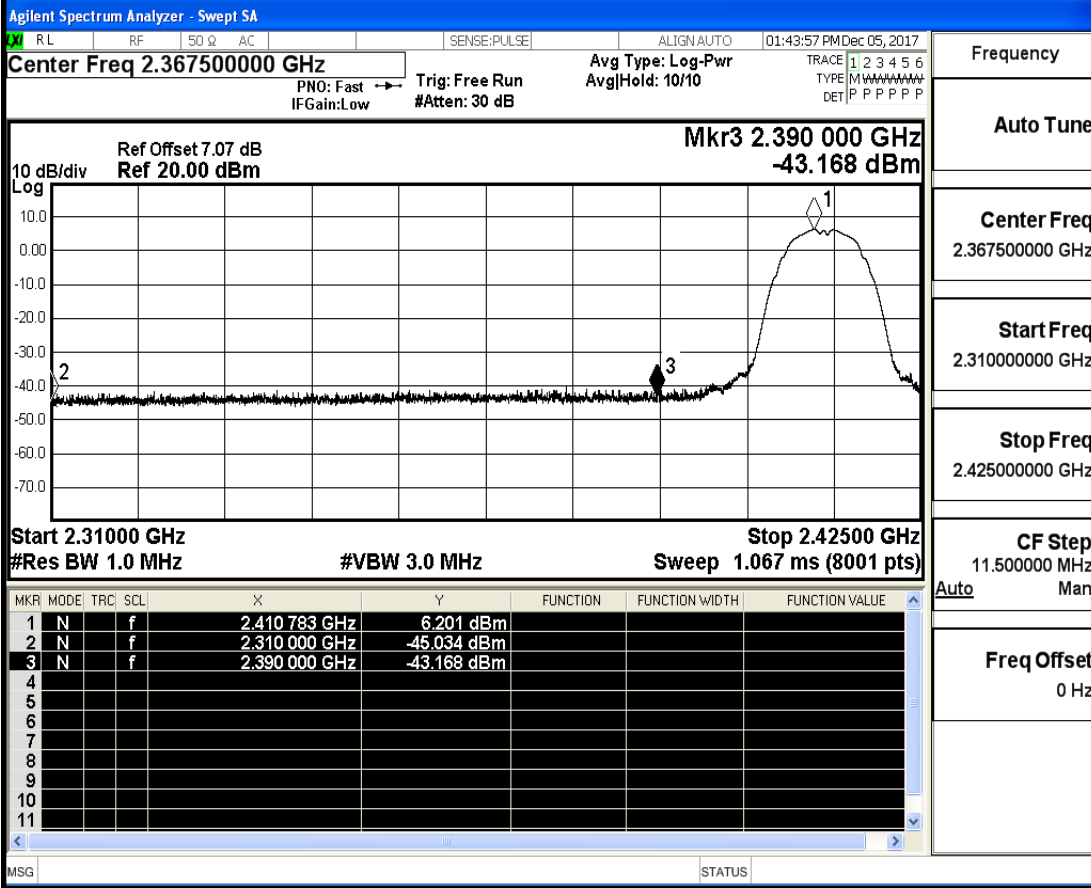
RF Conducted Spurious Emissions_11N40SISO_2452_Ant1



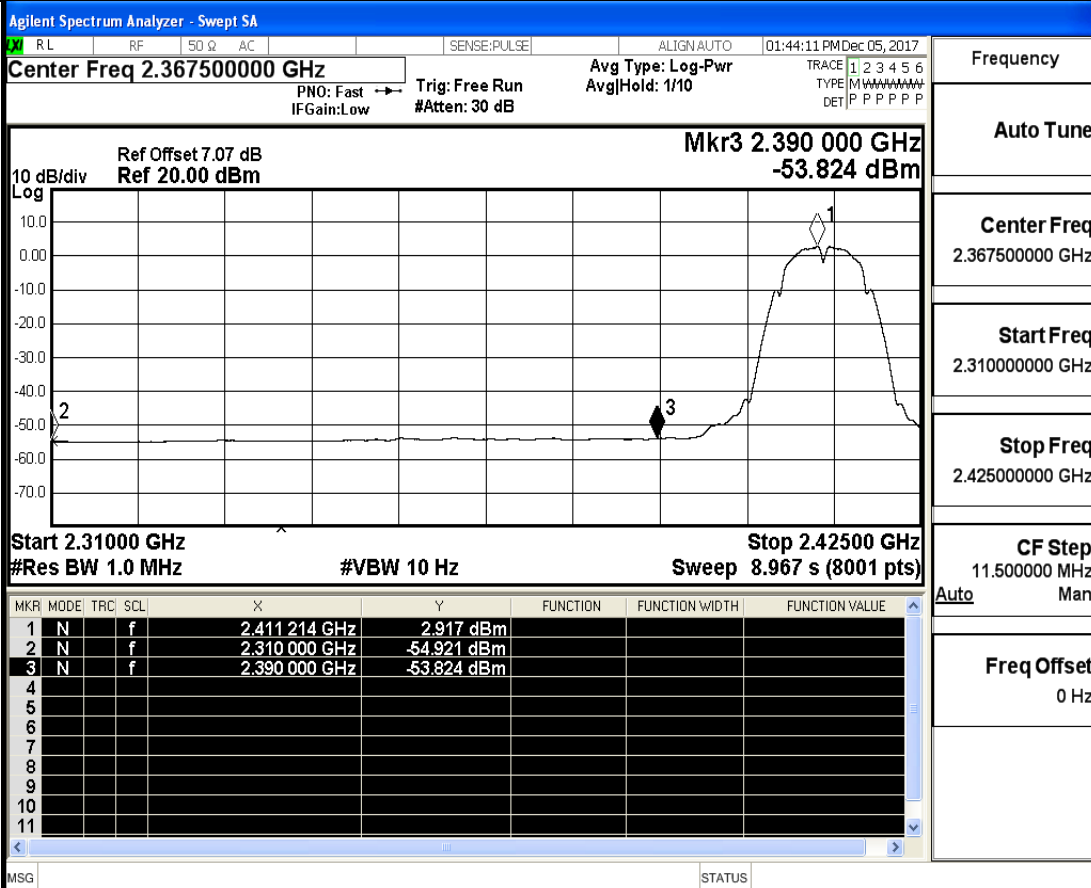
6.Restrict-band band-edge measurements

Test Mode	Test Channel	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
11B	2412	Ant1	2310.0	-45.03	3	0	53.17	PEAK	74	PASS
11B	2412	Ant1	2310.0	-54.92	3	0	43.28	AV	54	PASS
11B	2412	Ant1	2390.0	-43.17	3	0	55.03	PEAK	74	PASS
11B	2412	Ant1	2390.0	-53.82	3	0	44.38	AV	54	PASS
11B	2462	Ant1	2483.5	-42.69	3	0	55.51	PEAK	74	PASS
11B	2462	Ant1	2483.5	-52.95	3	0	45.25	AV	54	PASS
11B	2462	Ant1	2500.0	-42.22	3	0	55.98	PEAK	74	PASS
11B	2462	Ant1	2500.0	-52.95	3	0	45.25	AV	54	PASS
11G	2412	Ant1	2310.0	-45.20	3	0	53.00	PEAK	74	PASS
11G	2412	Ant1	2310.0	-54.93	3	0	43.27	AV	54	PASS
11G	2412	Ant1	2390.0	-43.01	3	0	55.19	PEAK	74	PASS
11G	2412	Ant1	2390.0	-53.29	3	0	44.91	AV	54	PASS
11G	2462	Ant1	2483.5	-42.01	3	0	56.19	PEAK	74	PASS
11G	2462	Ant1	2483.5	-52.30	3	0	45.9	AV	54	PASS
11G	2462	Ant1	2500.0	-40.43	3	0	57.77	PEAK	74	PASS
11G	2462	Ant1	2500.0	-52.55	3	0	45.65	AV	54	PASS
11N20SISO	2412	Ant1	2310.0	-44.53	3	0	53.67	PEAK	74	PASS
11N20SISO	2412	Ant1	2310.0	-54.92	3	0	43.28	AV	54	PASS
11N20SISO	2412	Ant1	2390.0	-41.72	3	0	56.48	PEAK	74	PASS
11N20SISO	2412	Ant1	2390.0	-52.96	3	0	45.24	AV	54	PASS
11N20SISO	2462	Ant1	2483.5	-42.08	3	0	56.12	PEAK	74	PASS
11N20SISO	2462	Ant1	2483.5	-52.17	3	0	46.03	AV	54	PASS
11N20SISO	2462	Ant1	2500.0	-41.21	3	0	56.99	PEAK	74	PASS
11N20SISO	2462	Ant1	2500.0	-52.50	3	0	45.70	AV	54	PASS
11N40SISO	2422	Ant1	2310.0	-42.24	3	0	55.96	PEAK	74	PASS
11N40SISO	2422	Ant1	2310.0	-53.98	3	0	44.22	AV	54	PASS
11N40SISO	2422	Ant1	2390.0	-40.30	3	0	57.90	PEAK	74	PASS
11N40SISO	2422	Ant1	2390.0	-51.23	3	0	46.97	AV	54	PASS
11N40SISO	2452	Ant1	2483.5	-41.67	3	0	56.53	PEAK	74	PASS
11N40SISO	2452	Ant1	2483.5	-52.05	3	0	46.15	AV	54	PASS
11N40SISO	2452	Ant1	2500.0	-41.41	3	0	56.79	PEAK	74	PASS
11N40SISO	2452	Ant1	2500.0	-52.51	3	0	45.69	AV	54	PASS

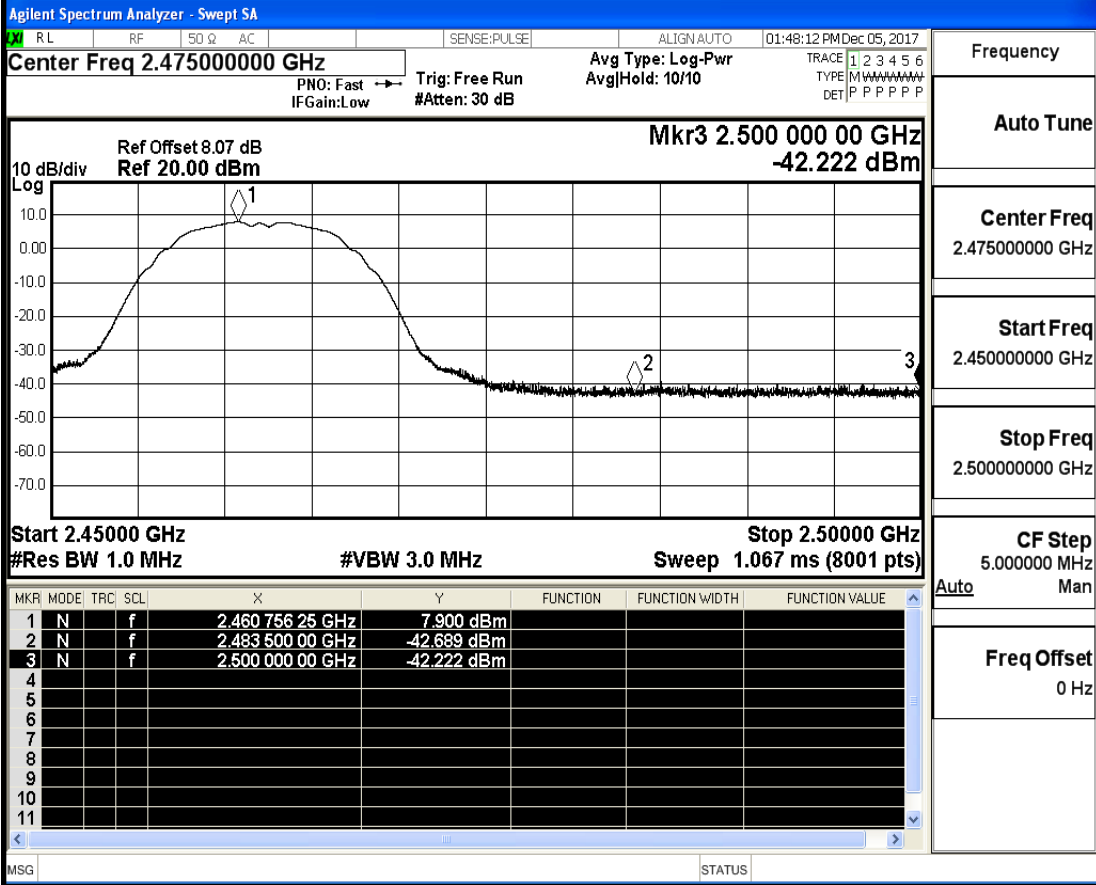
Restrict-band band-edge measurements_11B_2412_Ant1_PEAK



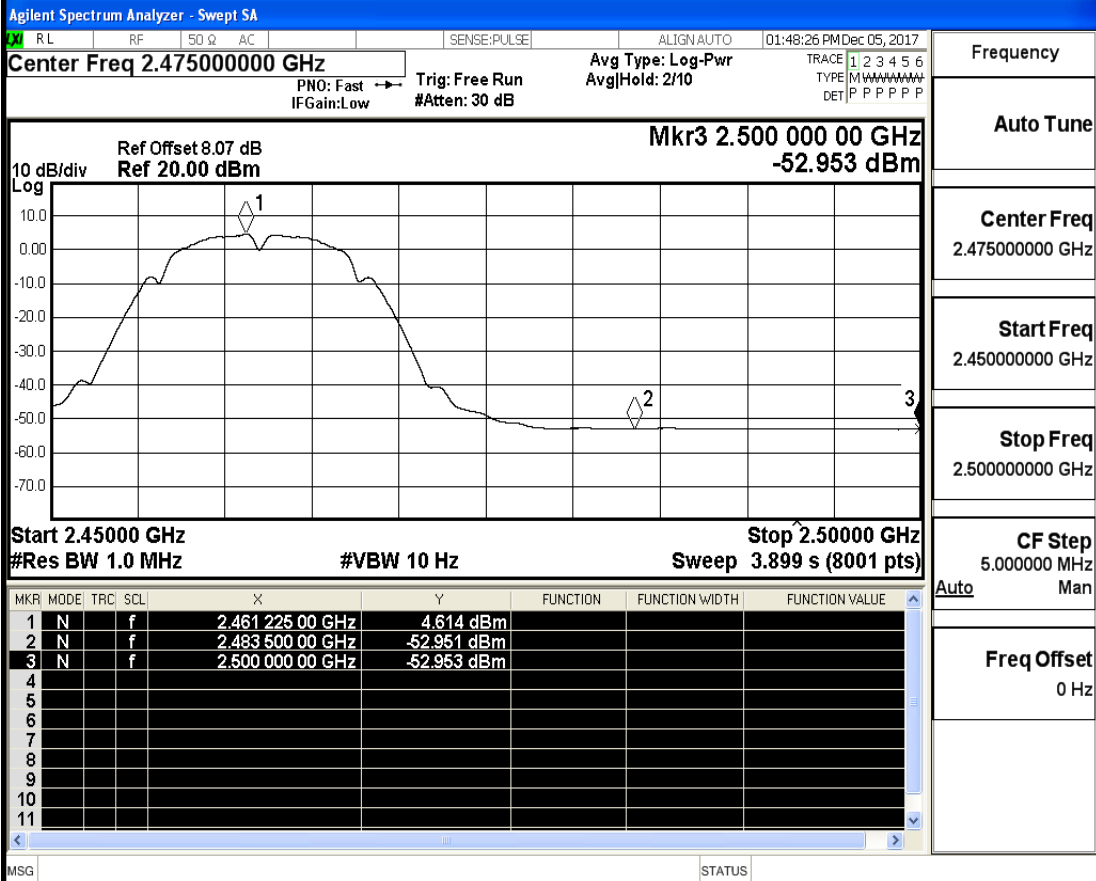
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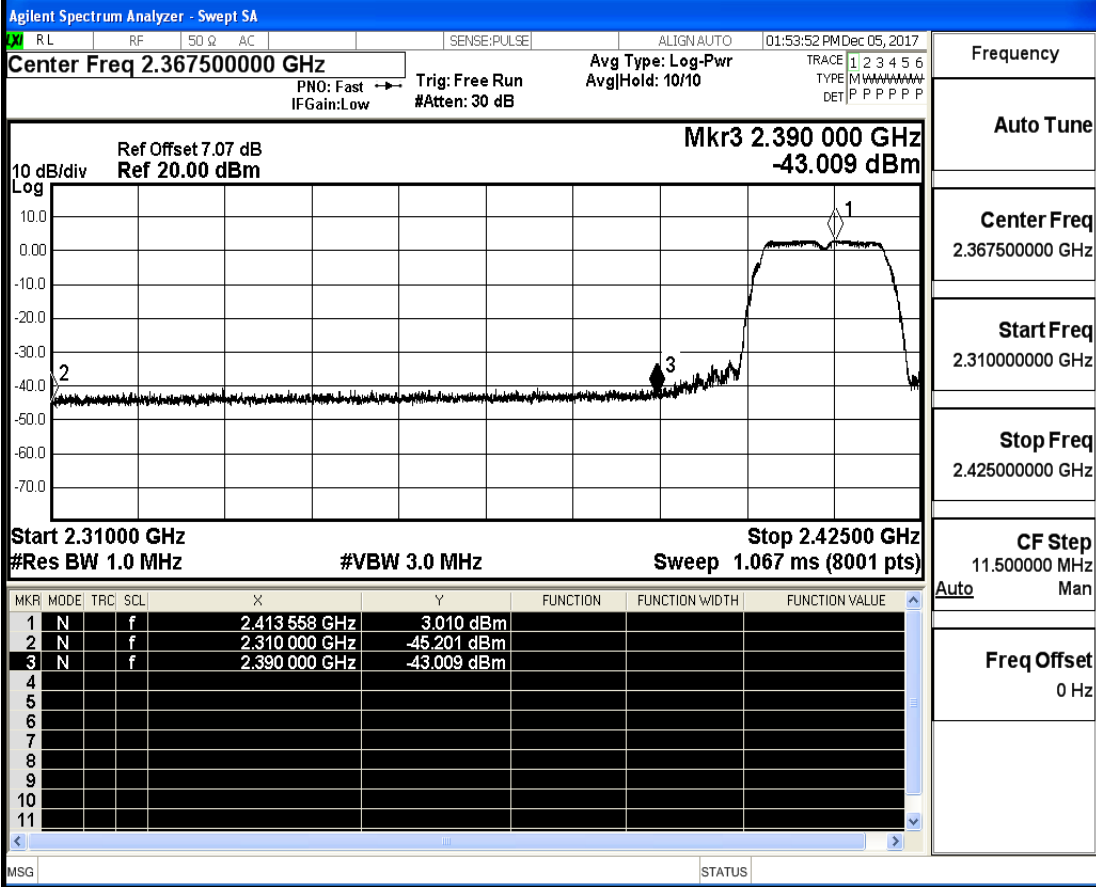
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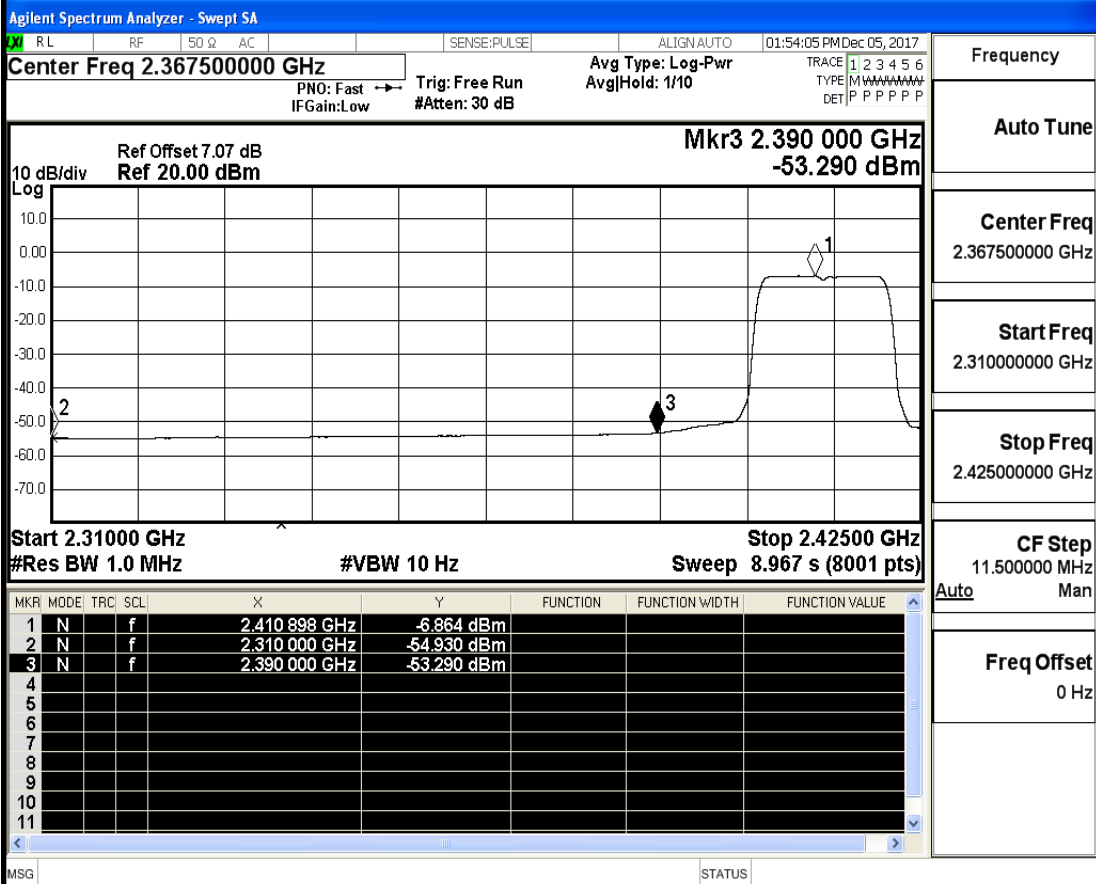
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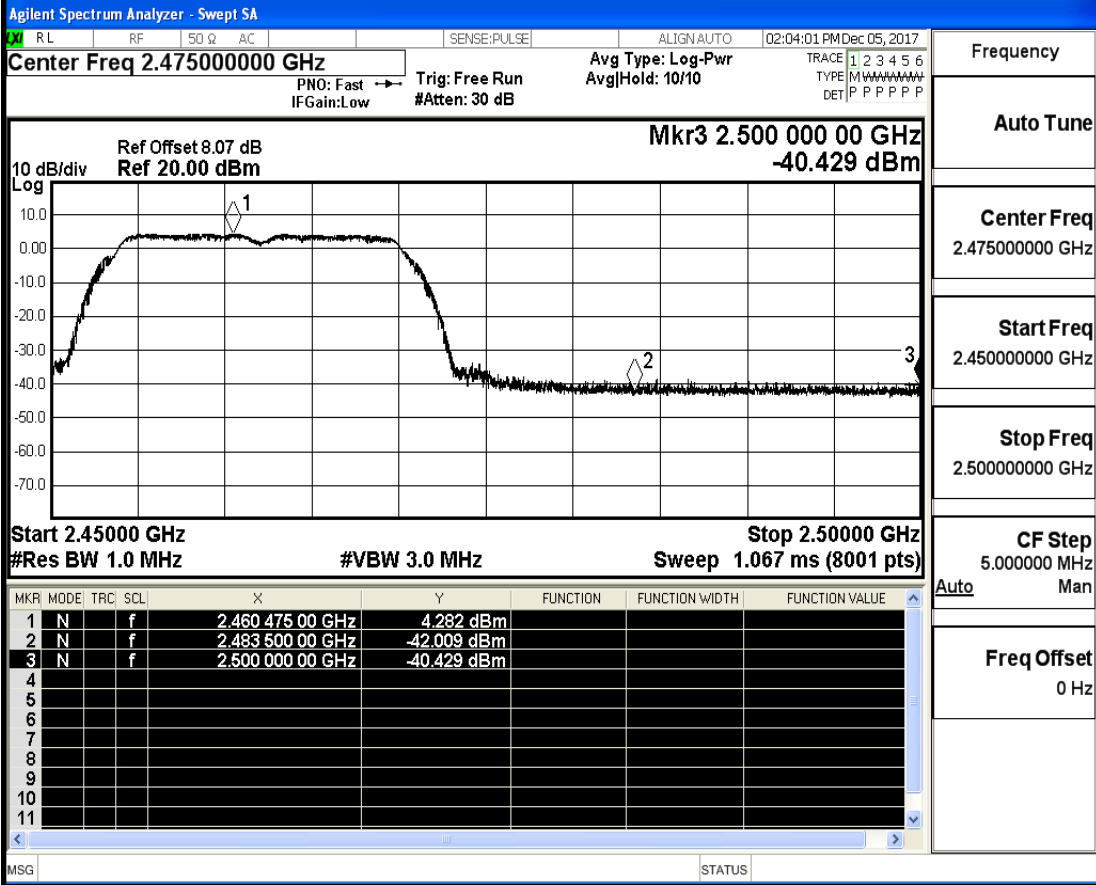
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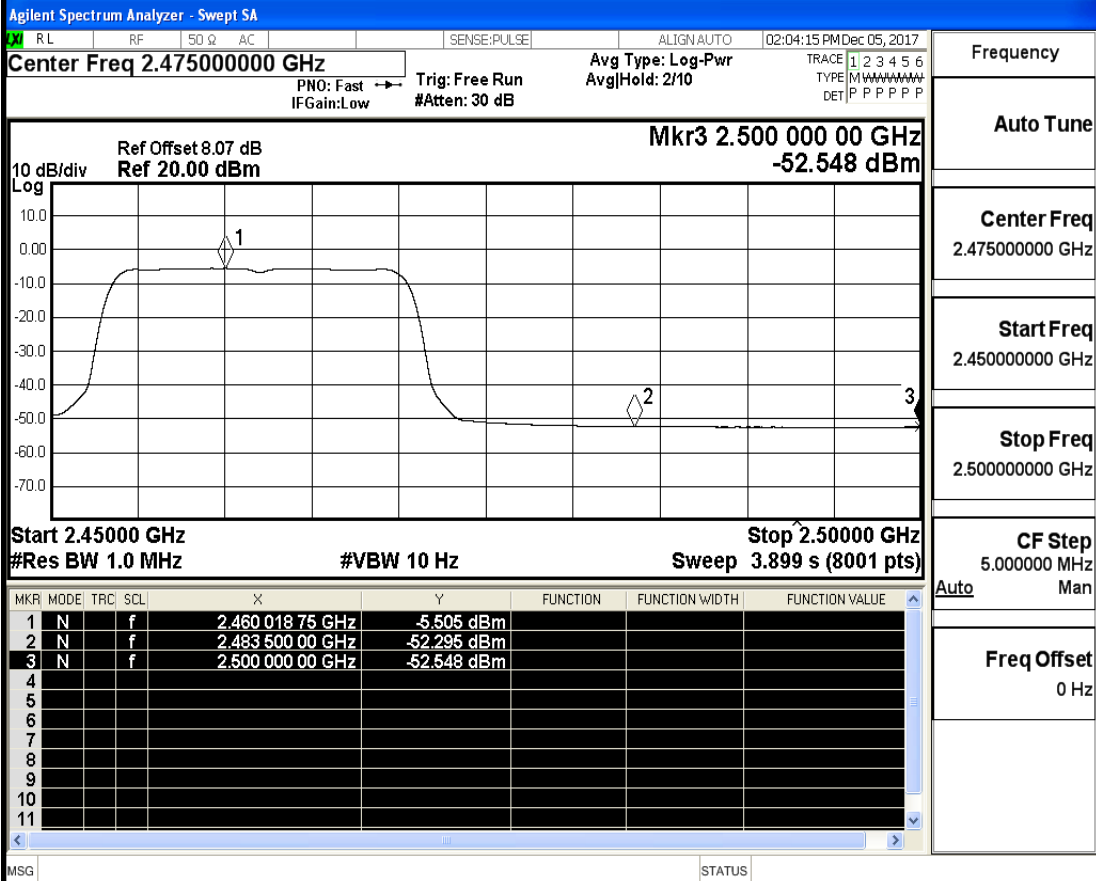
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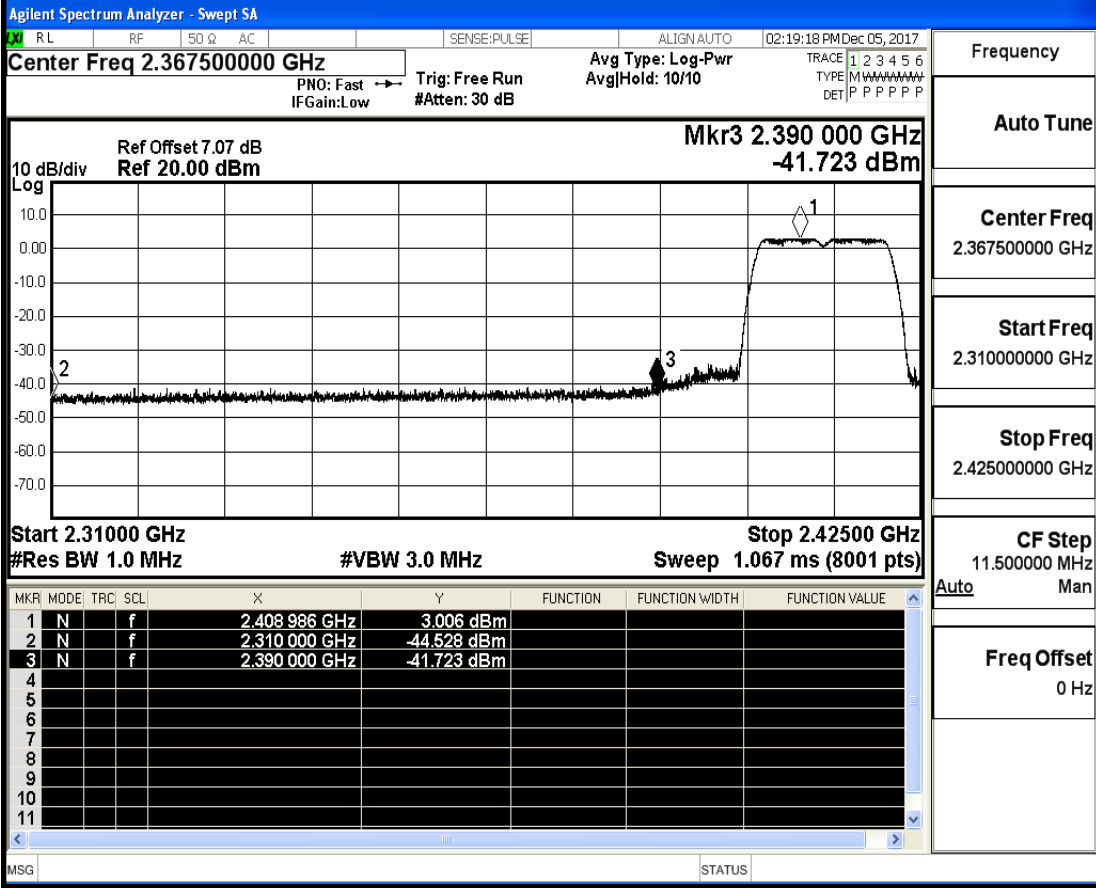
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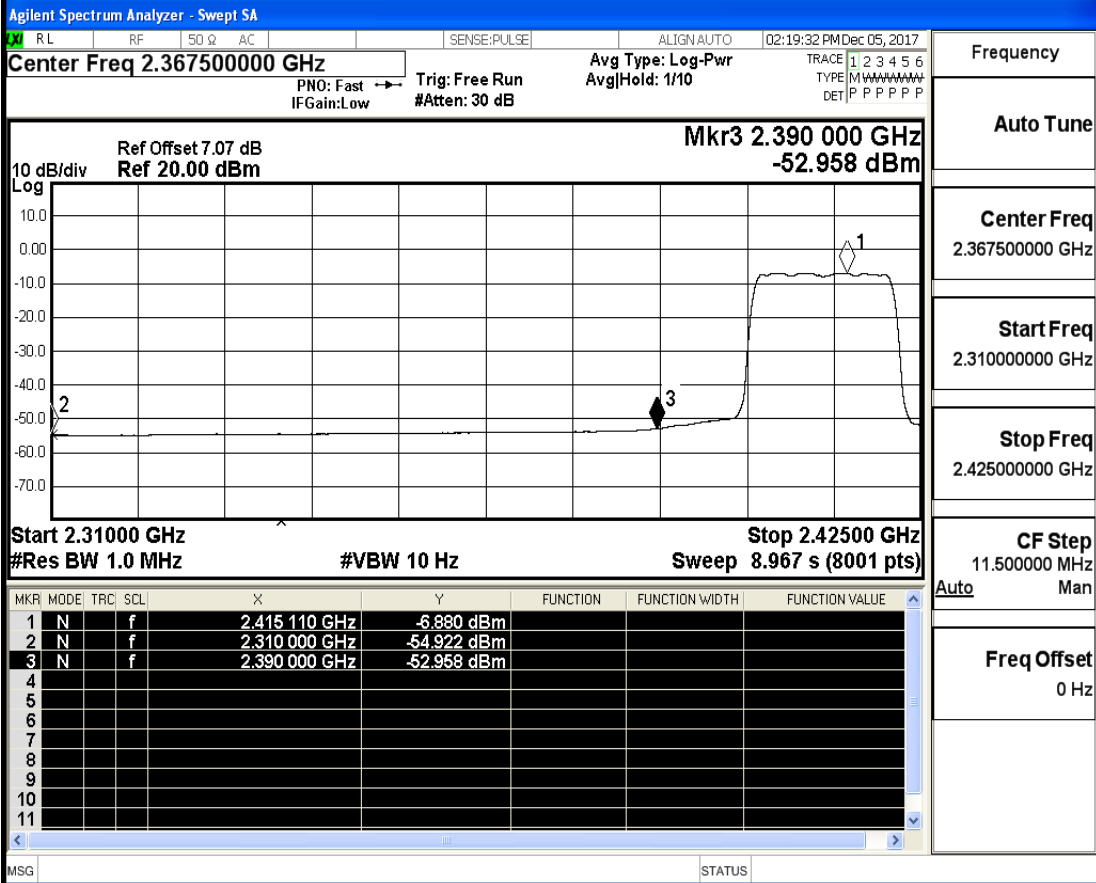
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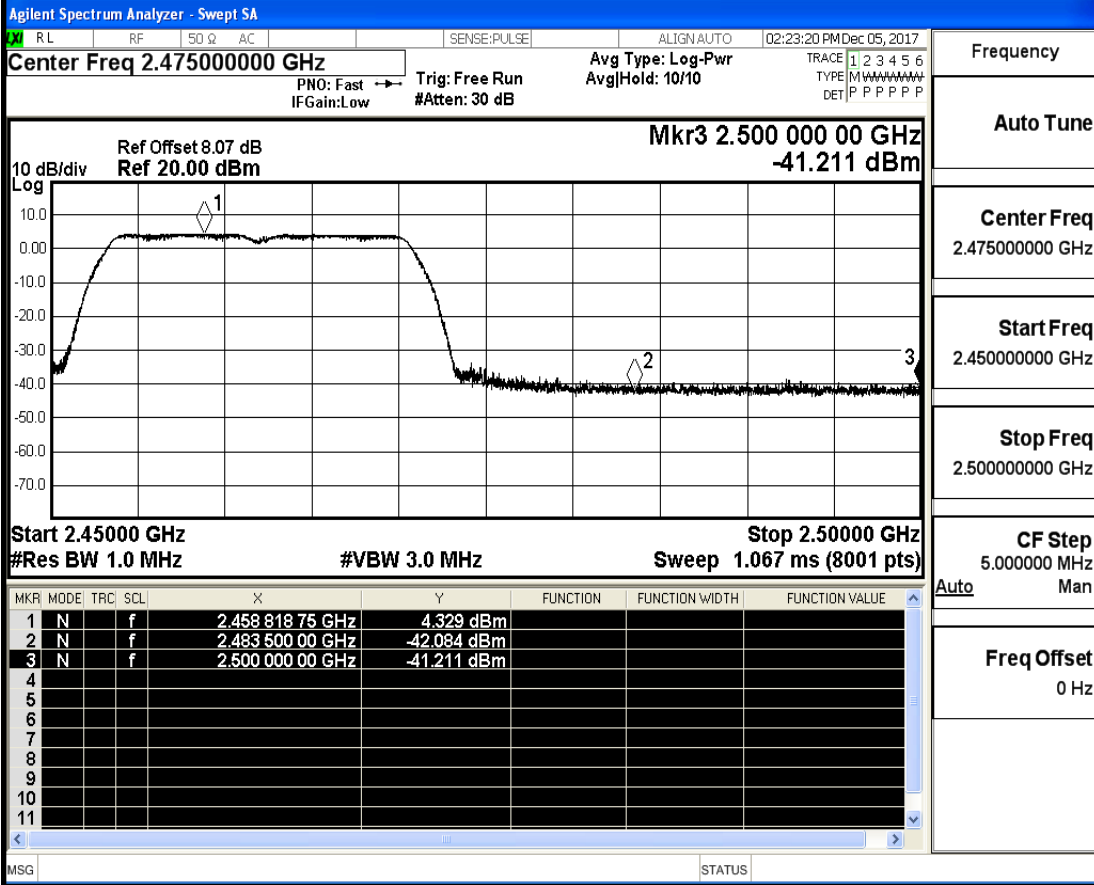
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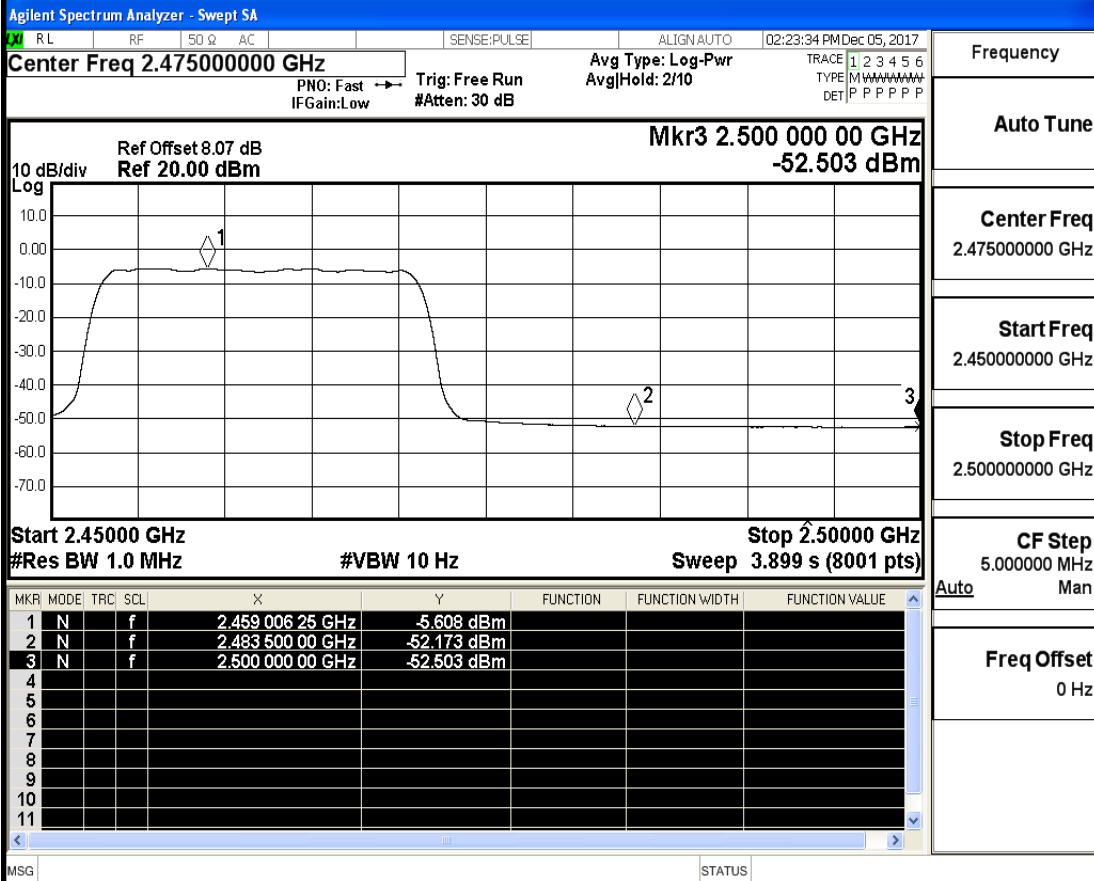
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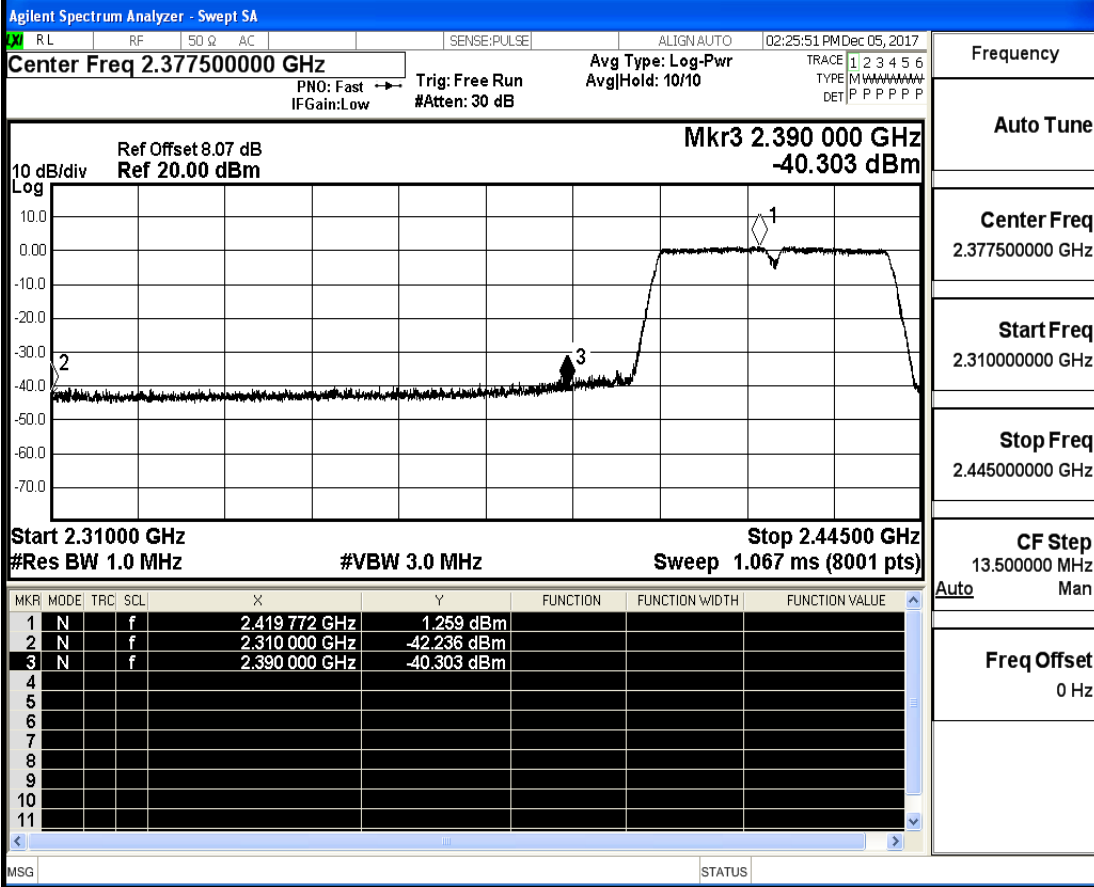
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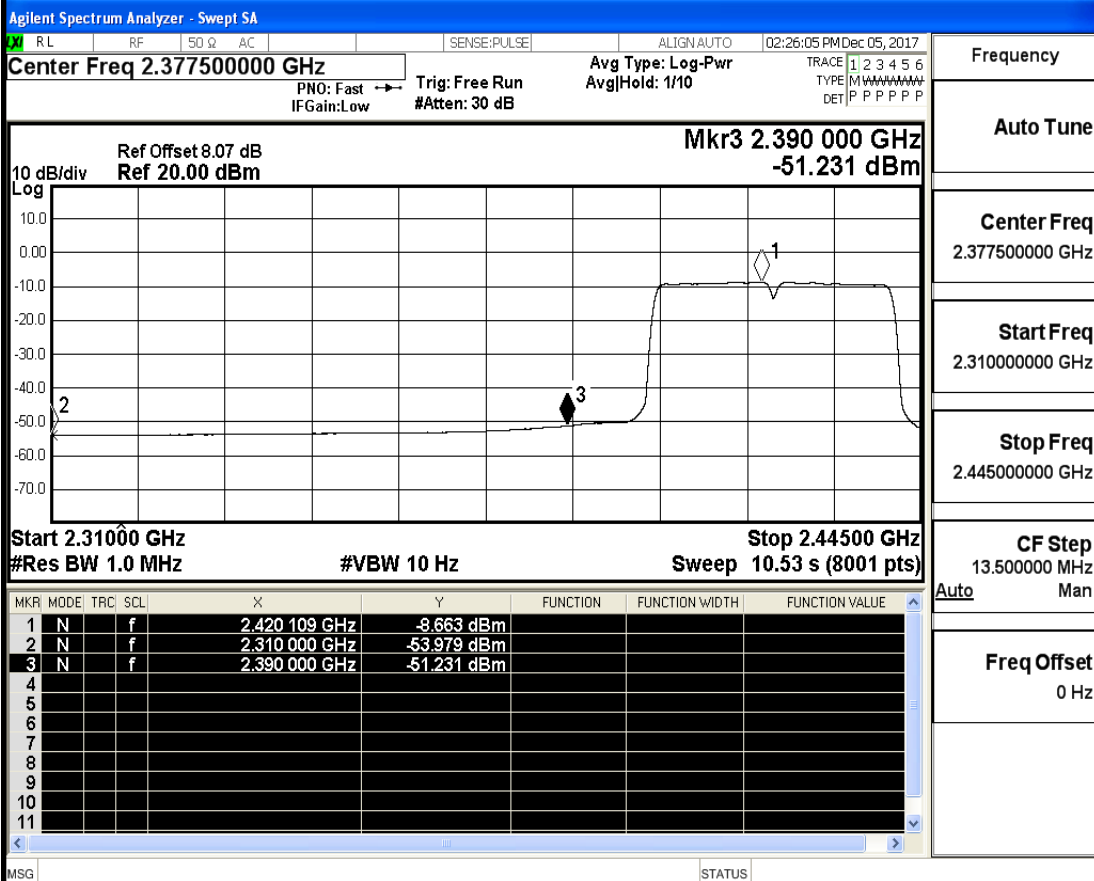
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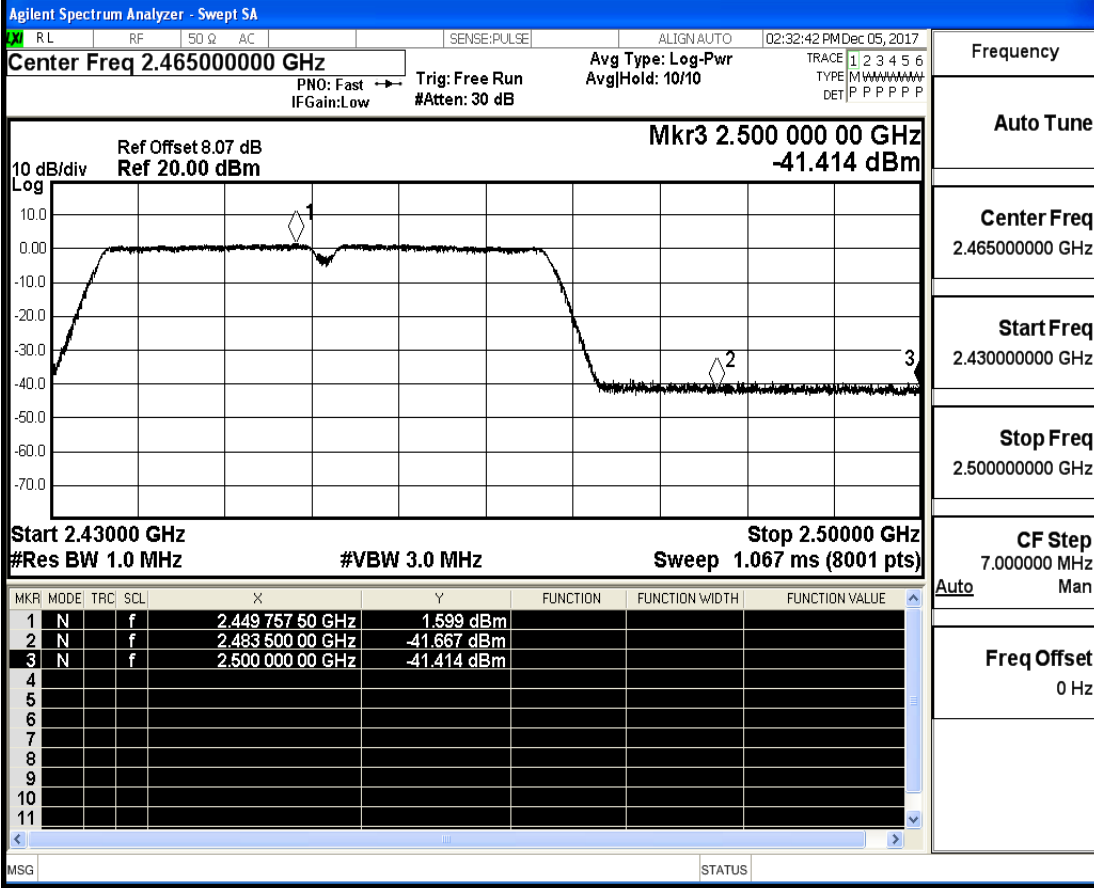
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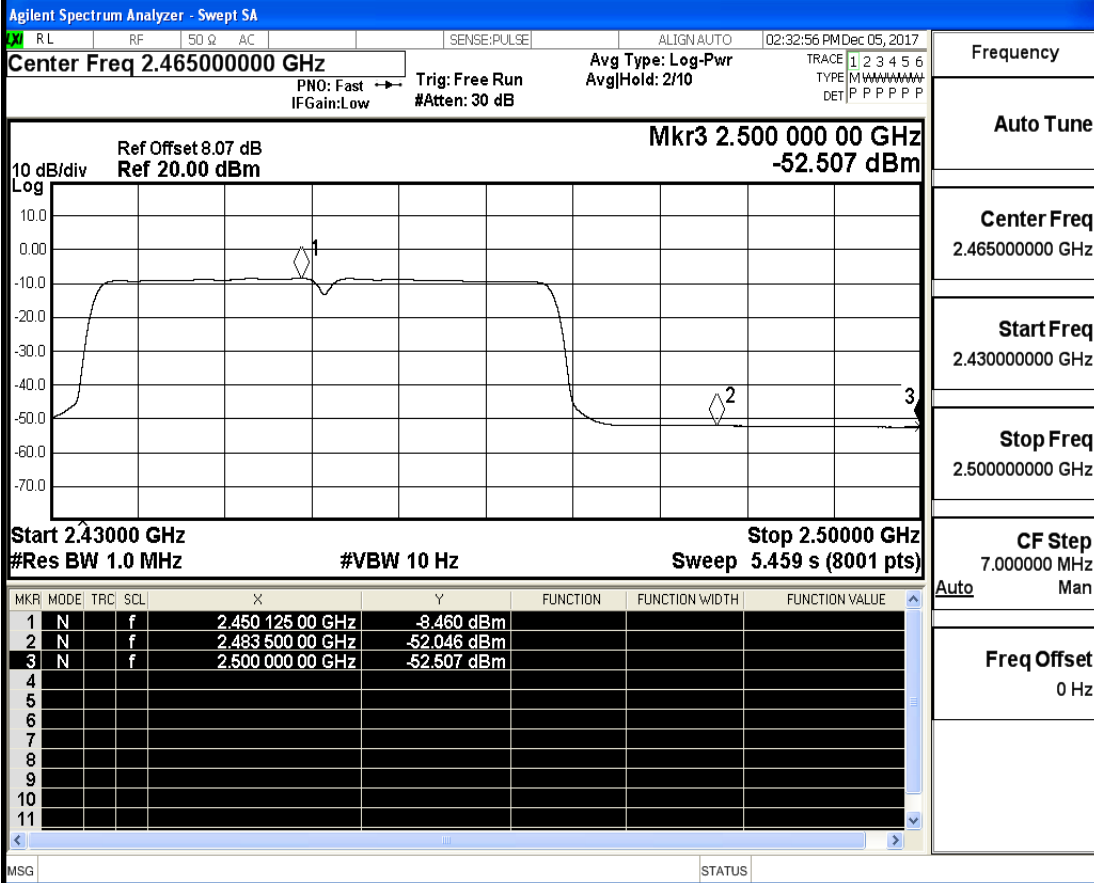
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Restrict-band band-edge measurements_11N40SISO_2452_Ant1_PEAK



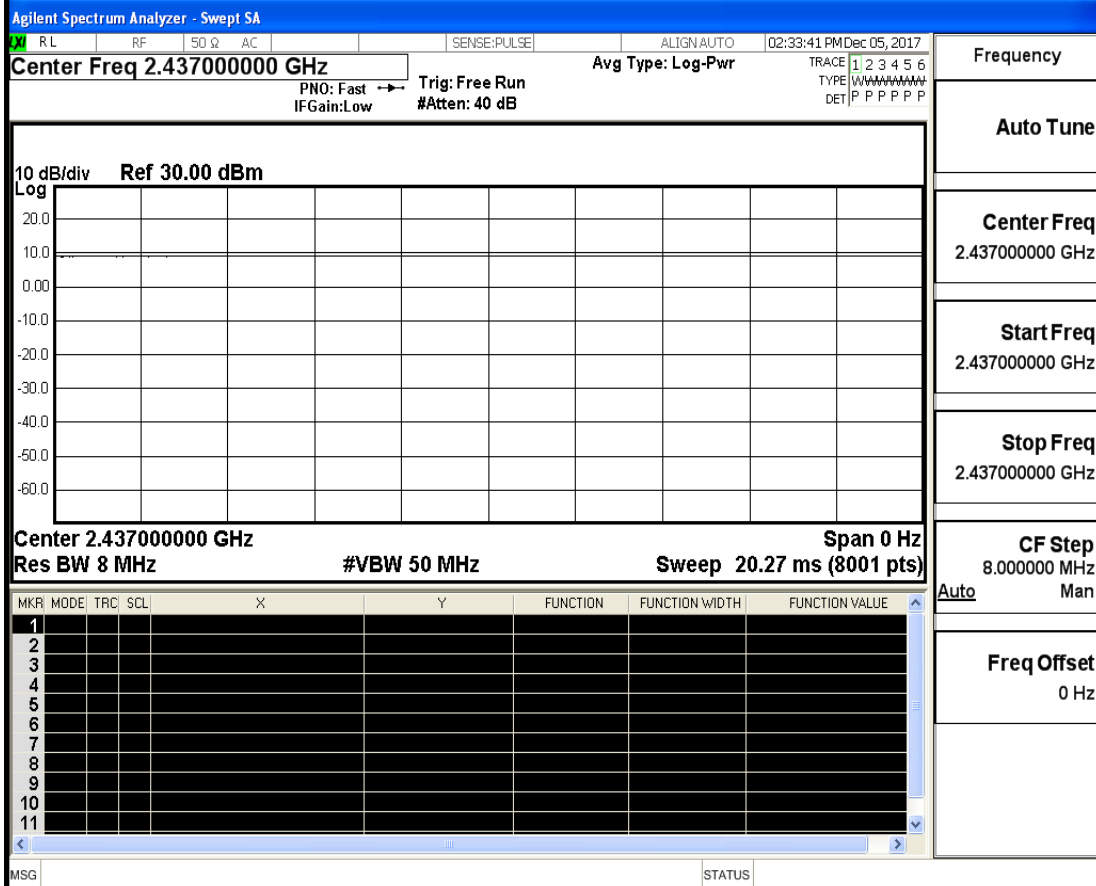
Restrict-band band-edge measurements_11N40SISO_2452_Ant1_AV



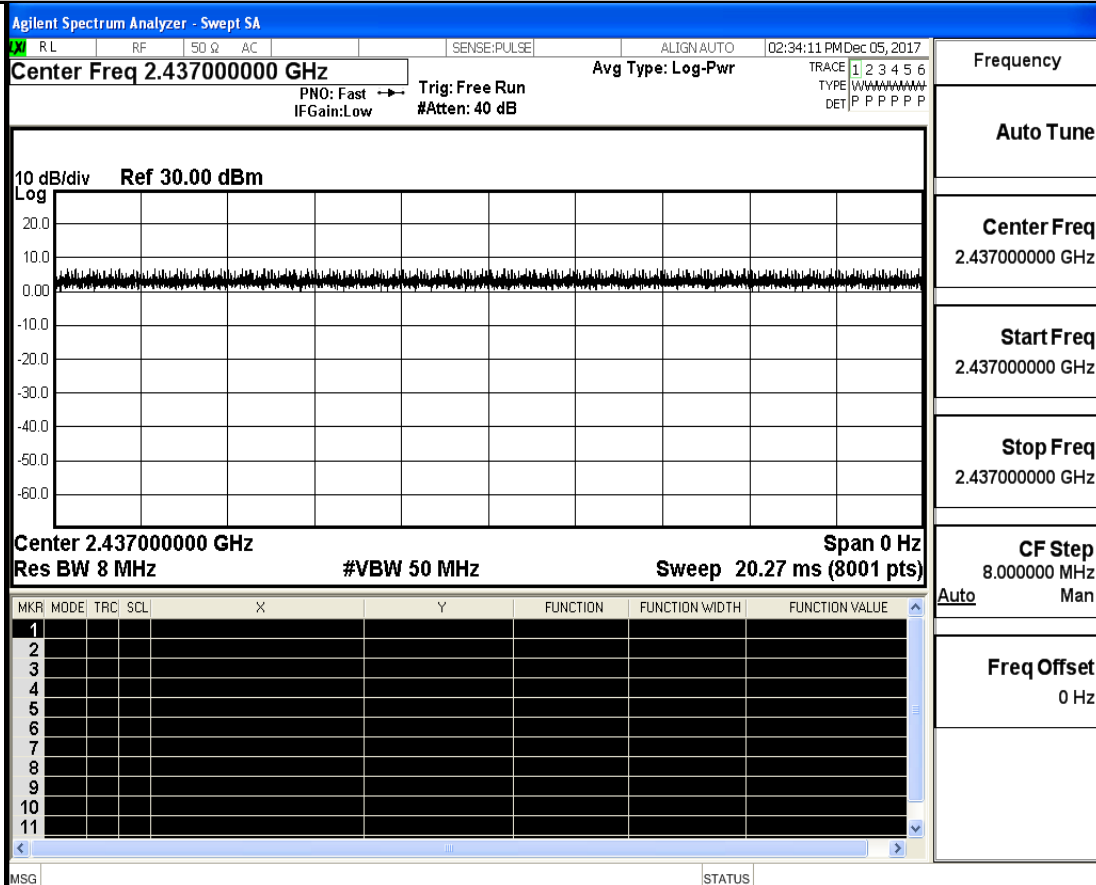
7.Duty Cycle

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

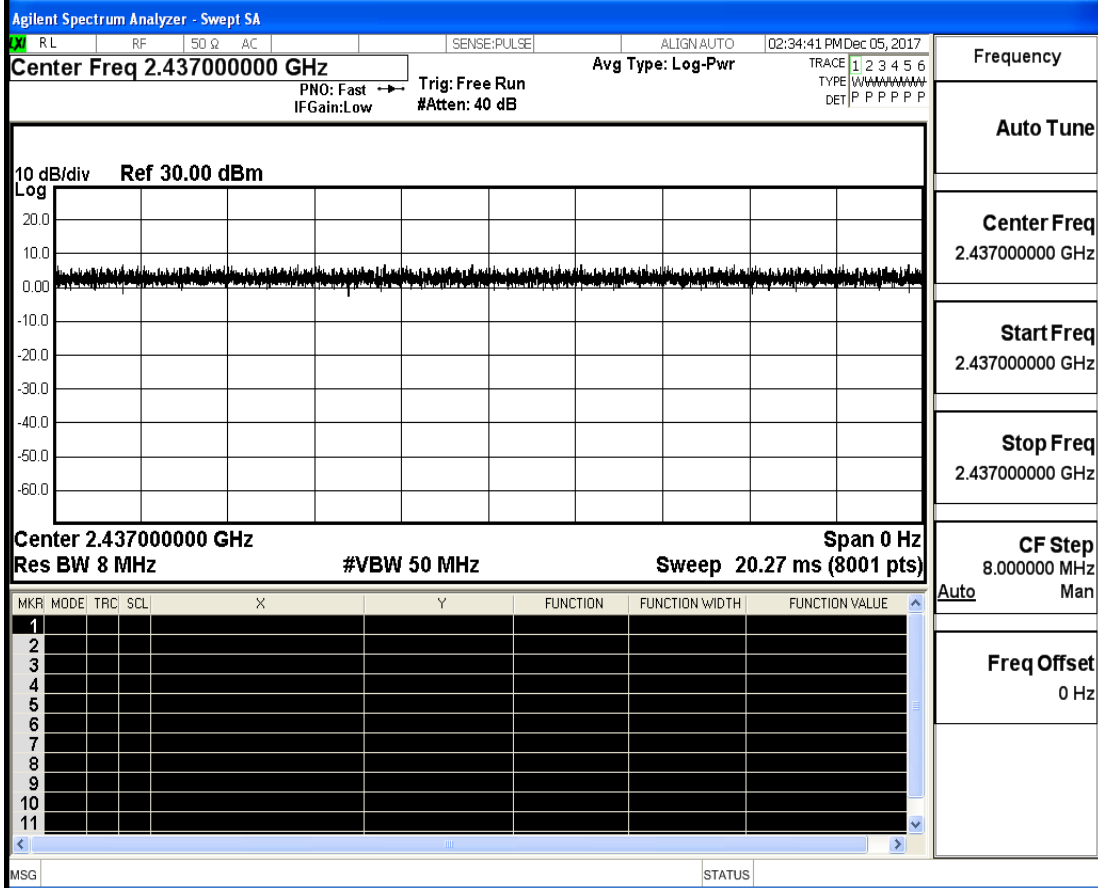
Duty Cycle_11B_2437_Ant1



Duty Cycle_11G_2437_Ant1



Duty Cycle_11N20SISO_2437_Ant1



Duty Cycle_11N40SISO_2437_Ant1

