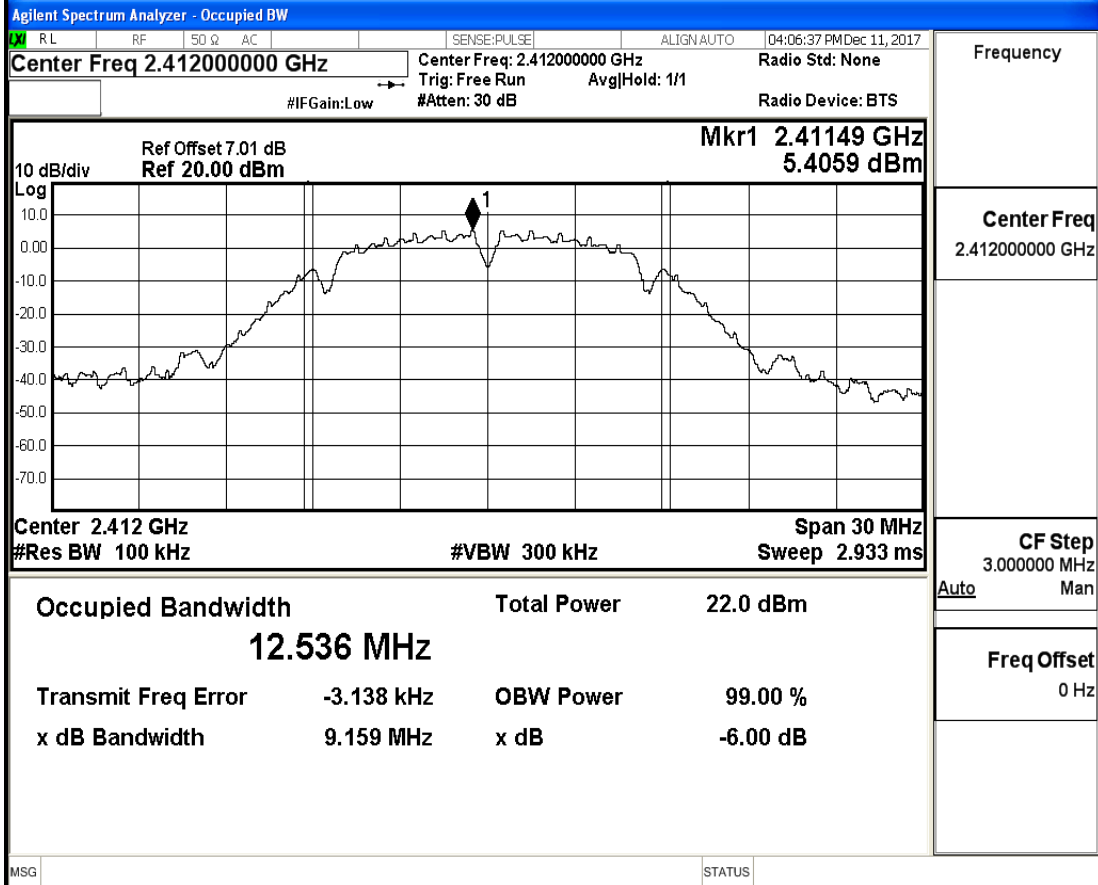


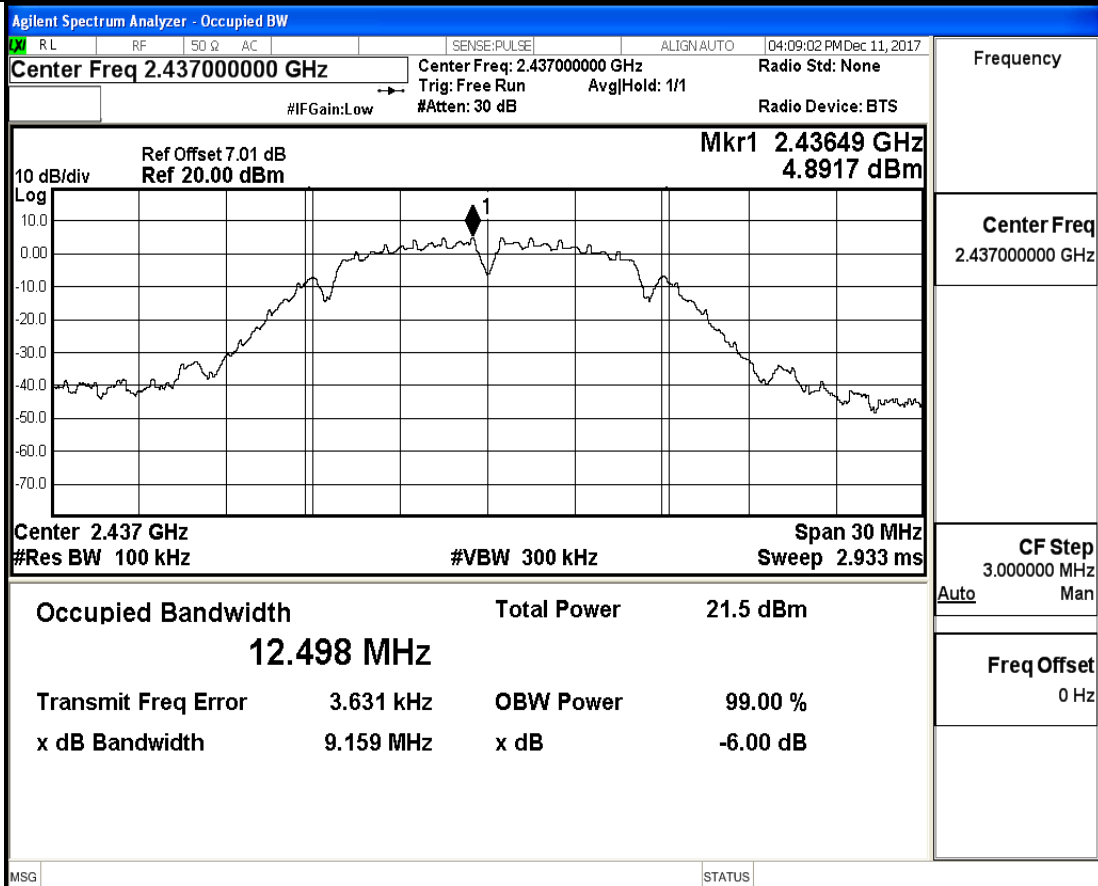
1.6dB Bandwidth

Test Mode	Test Channel	Ant	EBW[MHz]	Limit	Verdict
11B	2412	Ant1	9.159	0.5	PASS
11B	2437	Ant1	9.159	0.5	PASS
11B	2462	Ant1	9.155	0.5	PASS
11G	2412	Ant1	16.42	0.5	PASS
11G	2437	Ant1	16.41	0.5	PASS
11G	2462	Ant1	16.41	0.5	PASS
11N20SISO	2412	Ant1	17.62	0.5	PASS
11N20SISO	2437	Ant1	17.64	0.5	PASS
11N20SISO	2462	Ant1	17.63	0.5	PASS
11N40SISO	2422	Ant1	36.40	0.5	PASS
11N40SISO	2437	Ant1	36.39	0.5	PASS
11N40SISO	2452	Ant1	36.37	0.5	PASS

6dB Bandwidth_11B_2412_Ant1



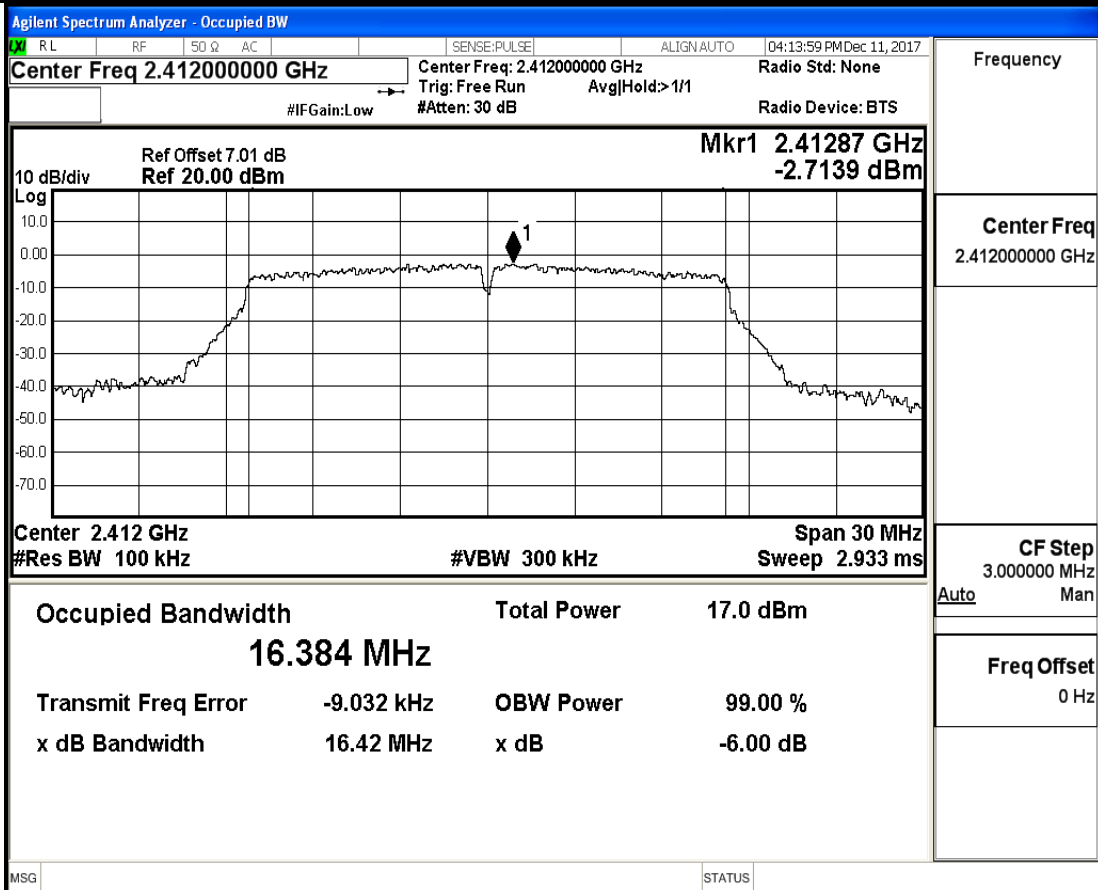
6dB Bandwidth_11B_2437_Ant1



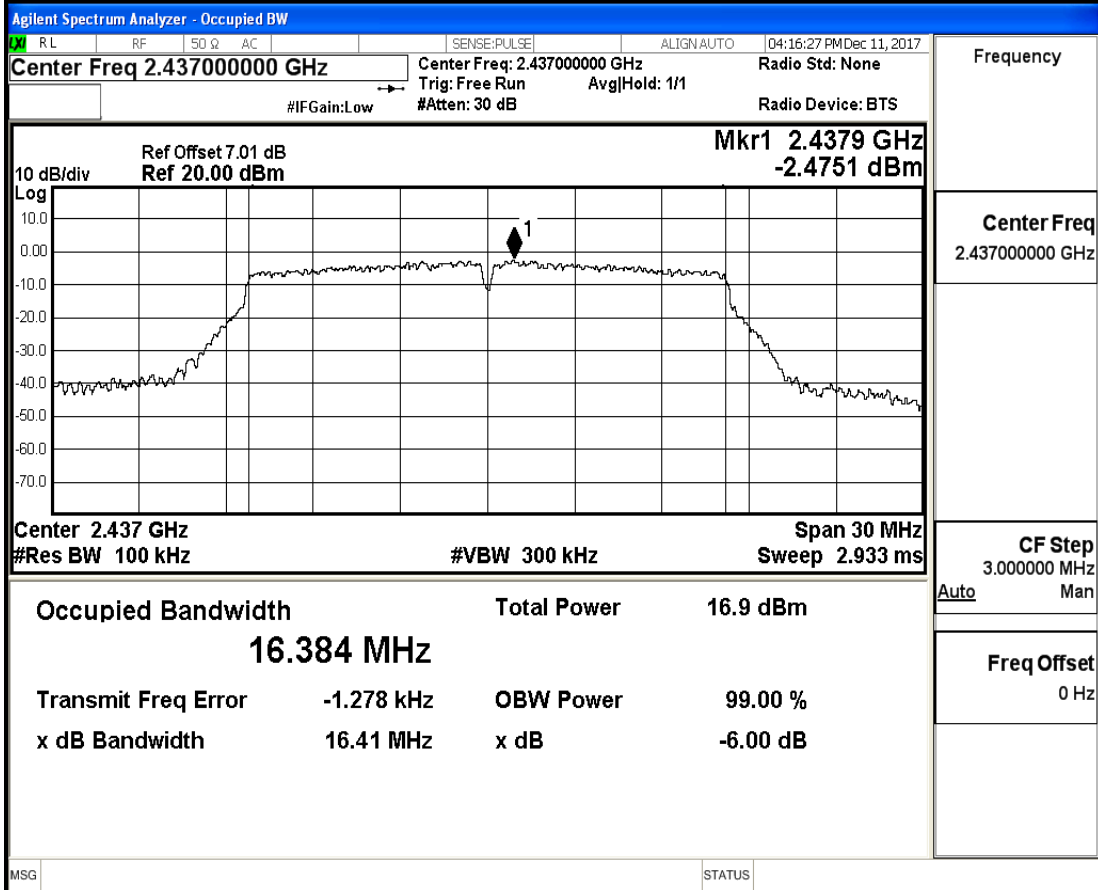
6dB Bandwidth_11B_2462_Ant1



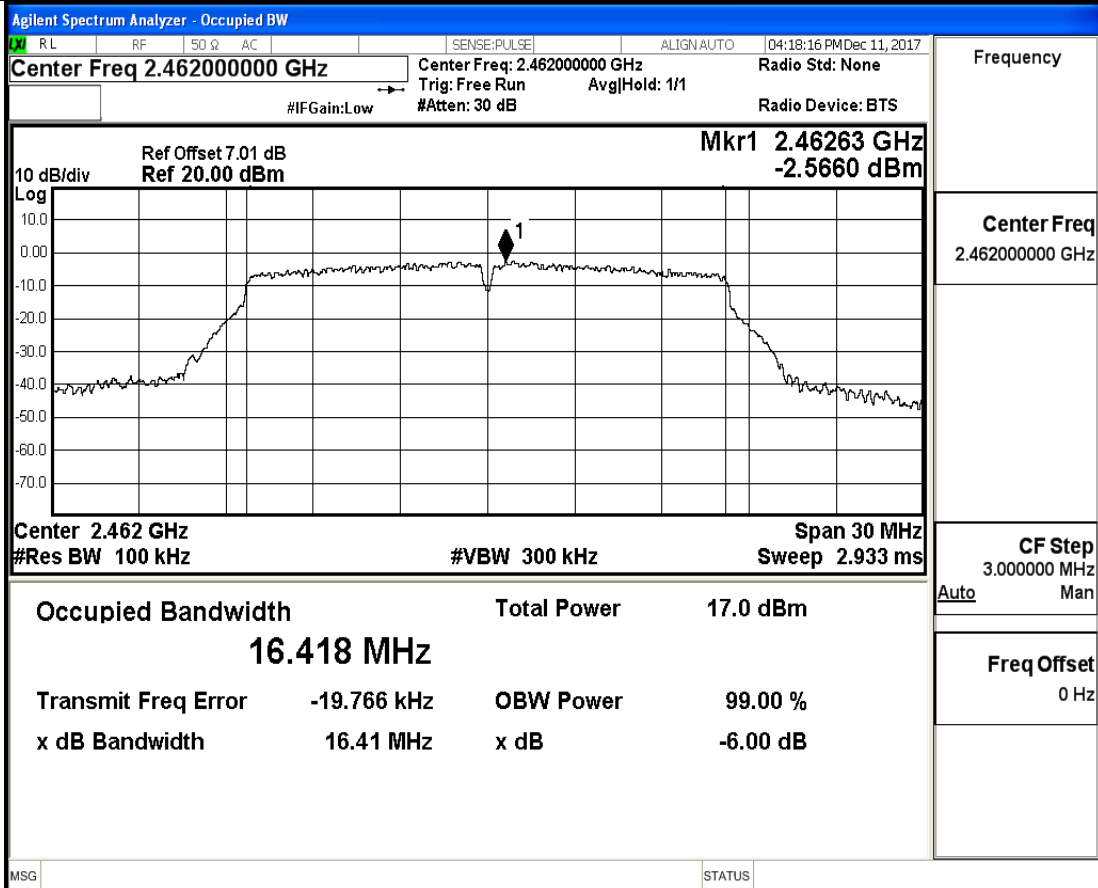
6dB Bandwidth_11G_2412_Ant1



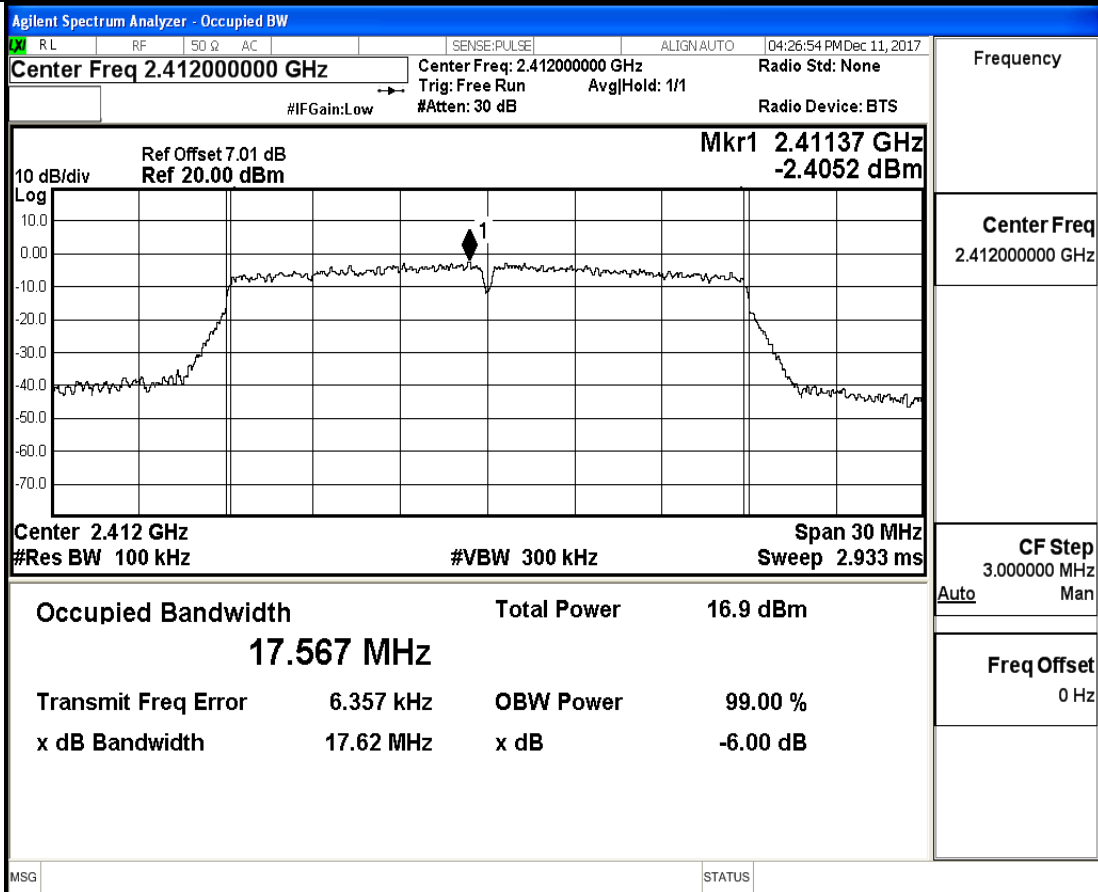
6dB Bandwidth_11G_2437_Ant1



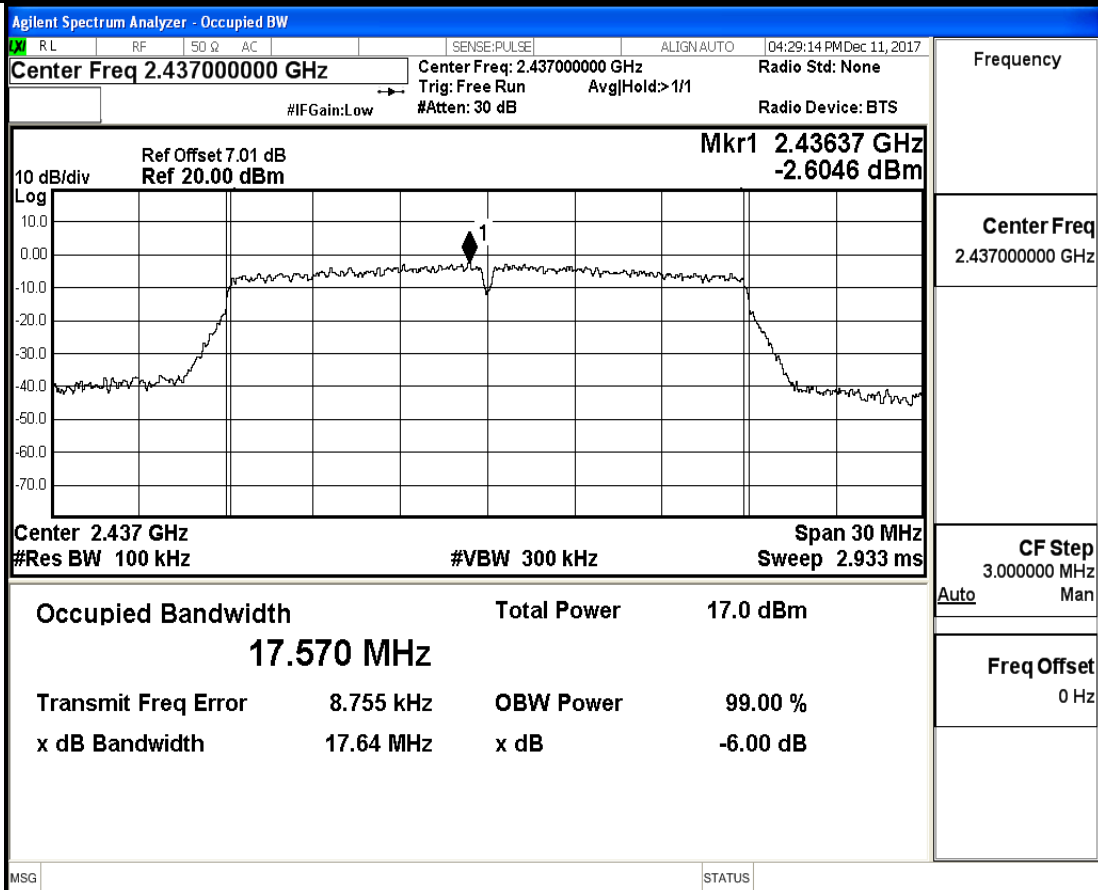
6dB Bandwidth_11G_2462_Ant1



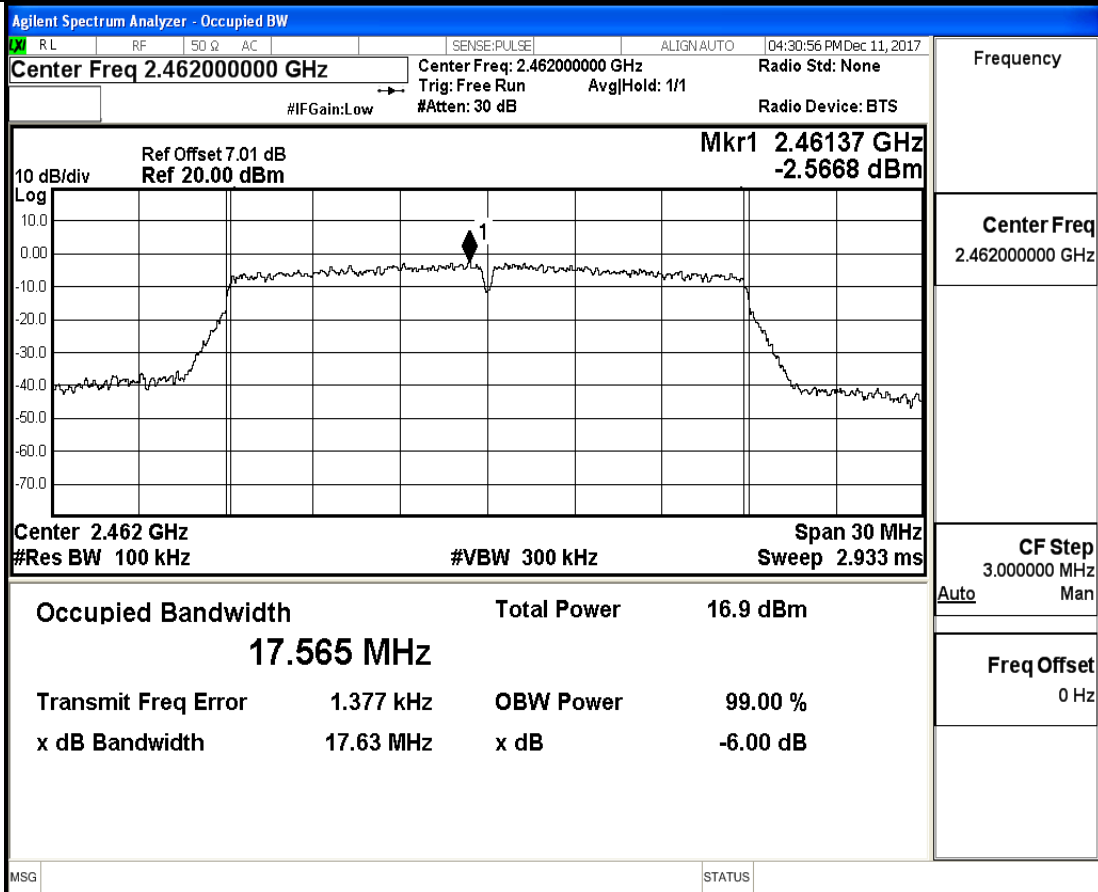
6dB Bandwidth_11N20SISO_2412_Ant1



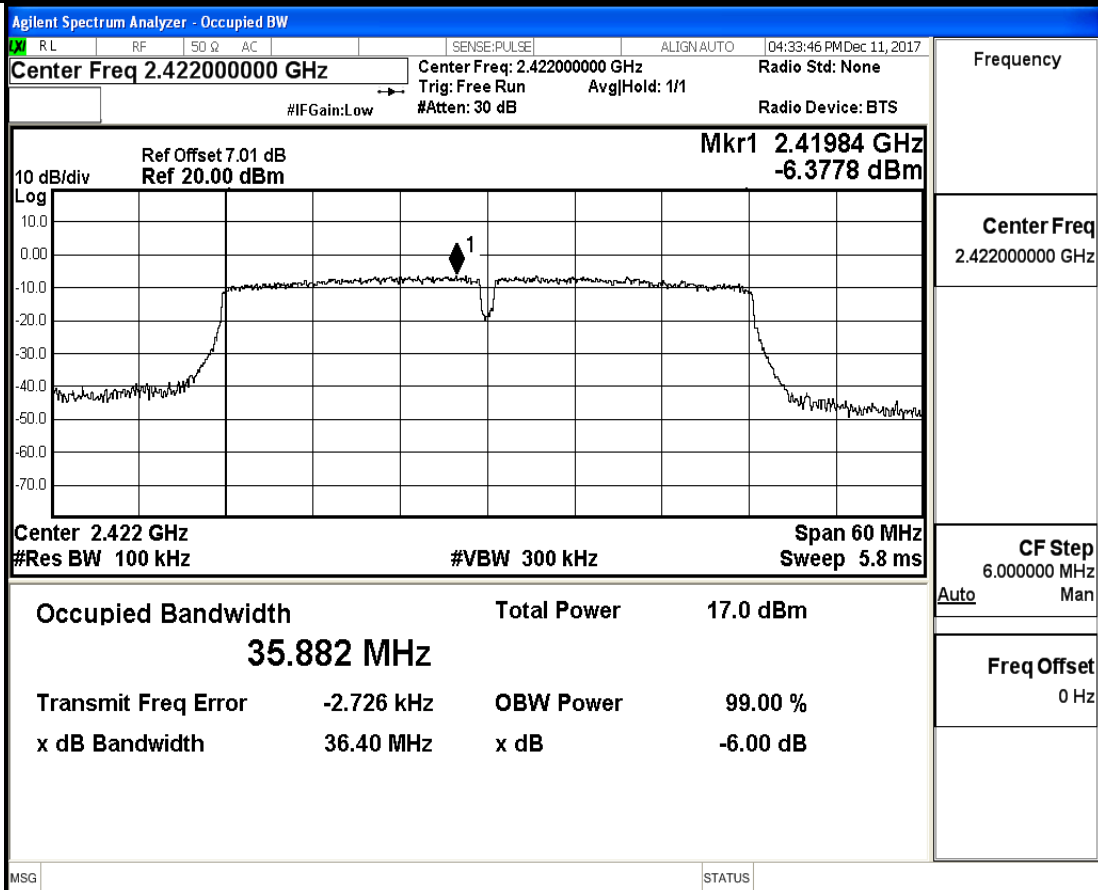
6dB Bandwidth_11N20SISO_2437_Ant1



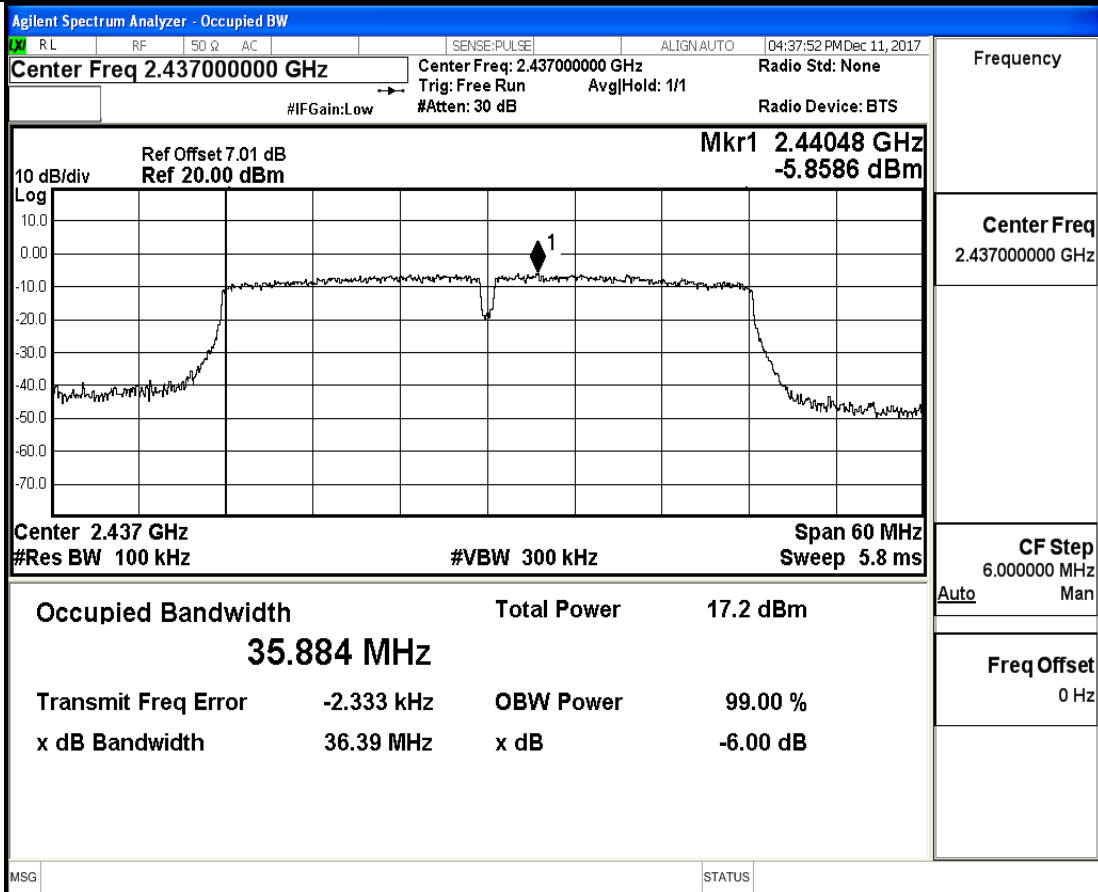
6dB Bandwidth_11N20SISO_2462_Ant1



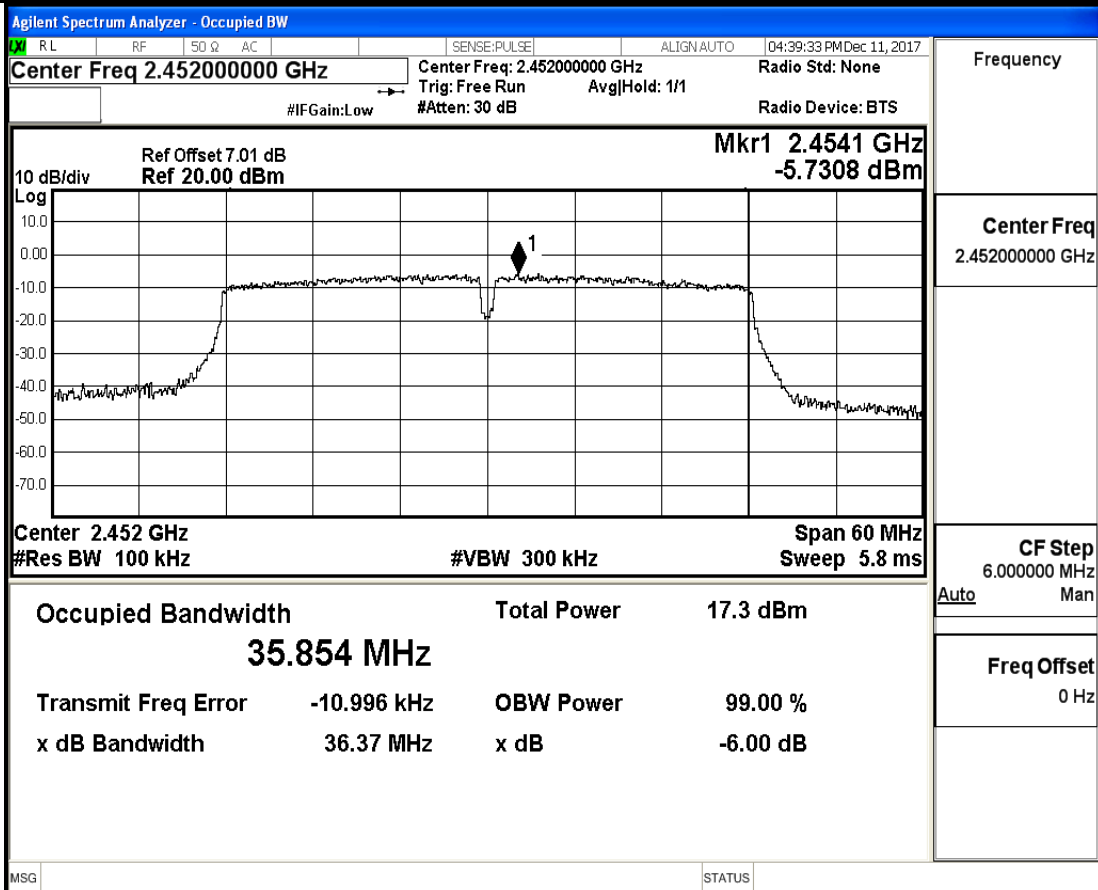
6dB Bandwidth_11N40SISO_2422_Ant1



6dB Bandwidth_11N40SISO_2437_Ant1



6dB Bandwidth_11N40SISO_2452_Ant1



2.Occupied Bandwidth

Test Mode	Test Channel	Ant	OBW[MHz]	Limit[MHz]	Verdict
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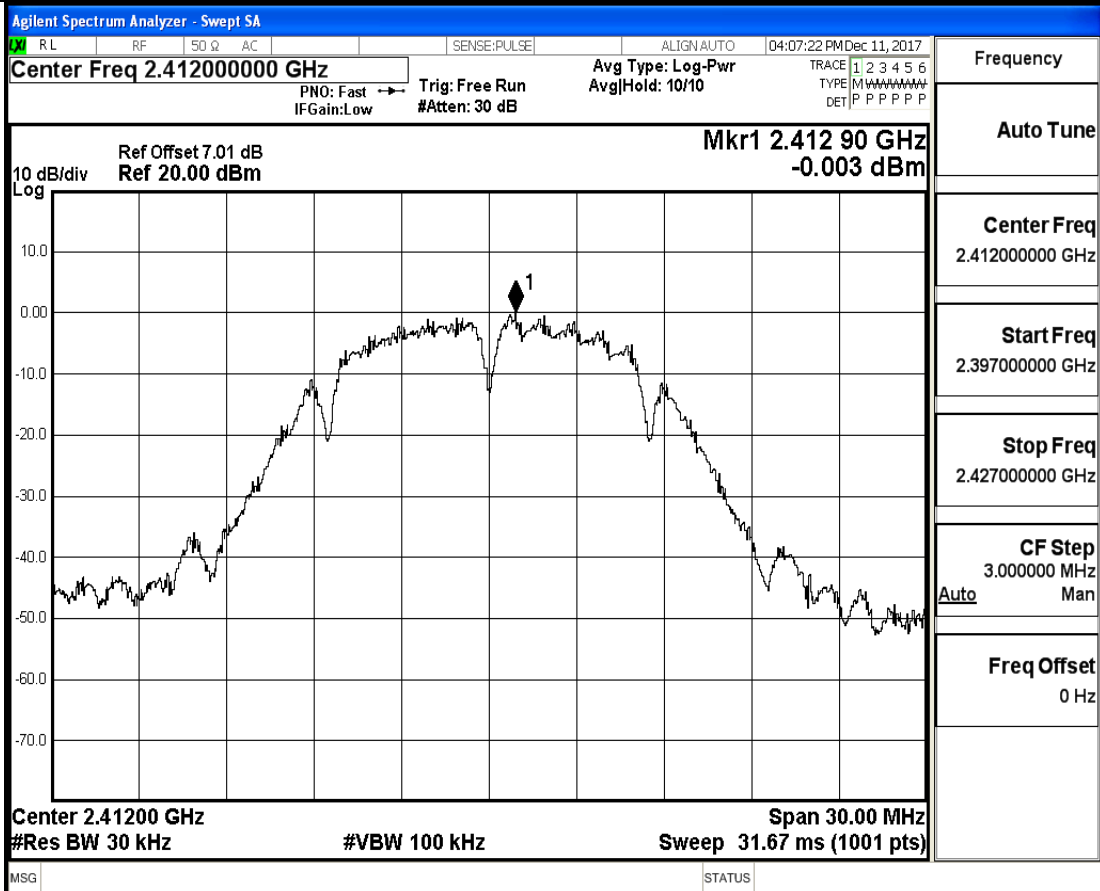
3.Maximum peak conducted output power

Test Mode	Test Channel	Ant	Power[dBm]	Limit[dBm]	Verdict
11B	2412	Ant1	17.94	30	PASS
11B	2437	Ant1	17.47	30	PASS
11B	2462	Ant1	17.53	30	PASS
11G	2412	Ant1	18.39	30	PASS
11G	2437	Ant1	18.19	30	PASS
11G	2462	Ant1	18.24	30	PASS
11N20SISO	2412	Ant1	18.36	30	PASS
11N20SISO	2437	Ant1	18.41	30	PASS
11N20SISO	2462	Ant1	18.36	30	PASS
11N40SISO	2422	Ant1	18.34	30	PASS
11N40SISO	2437	Ant1	18.52	30	PASS
11N40SISO	2452	Ant1	18.60	30	PASS

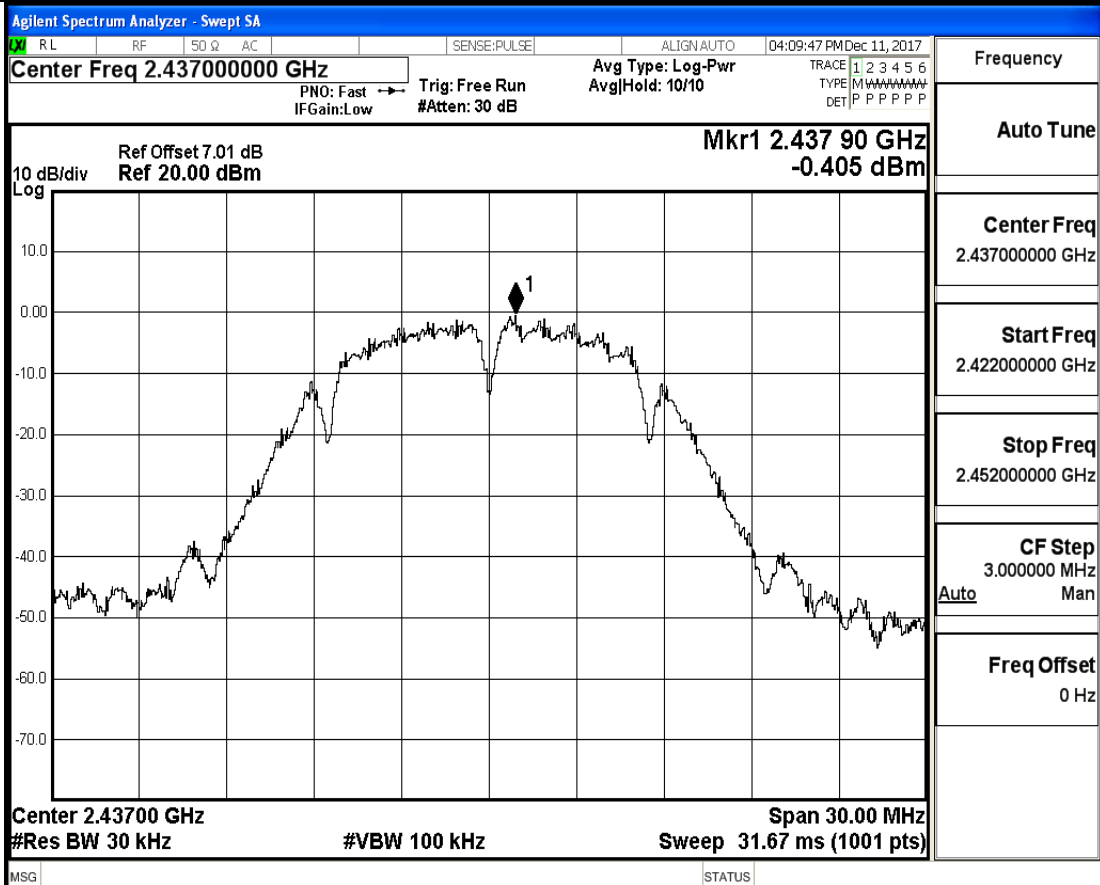
4.Maximum Peak power spectral density

Test Mode	Test Channel	Ant	PSD[dBm/MHz]	Limit[dBm/MHz]	Verdict
11B	2412	Ant1	-0.003	8.00	PASS
11B	2437	Ant1	-0.405	8.00	PASS
11B	2462	Ant1	-0.388	8.00	PASS
11G	2412	Ant1	-5.316	8.00	PASS
11G	2437	Ant1	-5.525	8.00	PASS
11G	2462	Ant1	-5.621	8.00	PASS
11N20SISO	2412	Ant1	-4.657	8.00	PASS
11N20SISO	2437	Ant1	-5.082	8.00	PASS
11N20SISO	2462	Ant1	-4.588	8.00	PASS
11N40SISO	2422	Ant1	-9.513	8.00	PASS
11N40SISO	2437	Ant1	-9.313	8.00	PASS
11N40SISO	2452	Ant1	-9.311	8.00	PASS

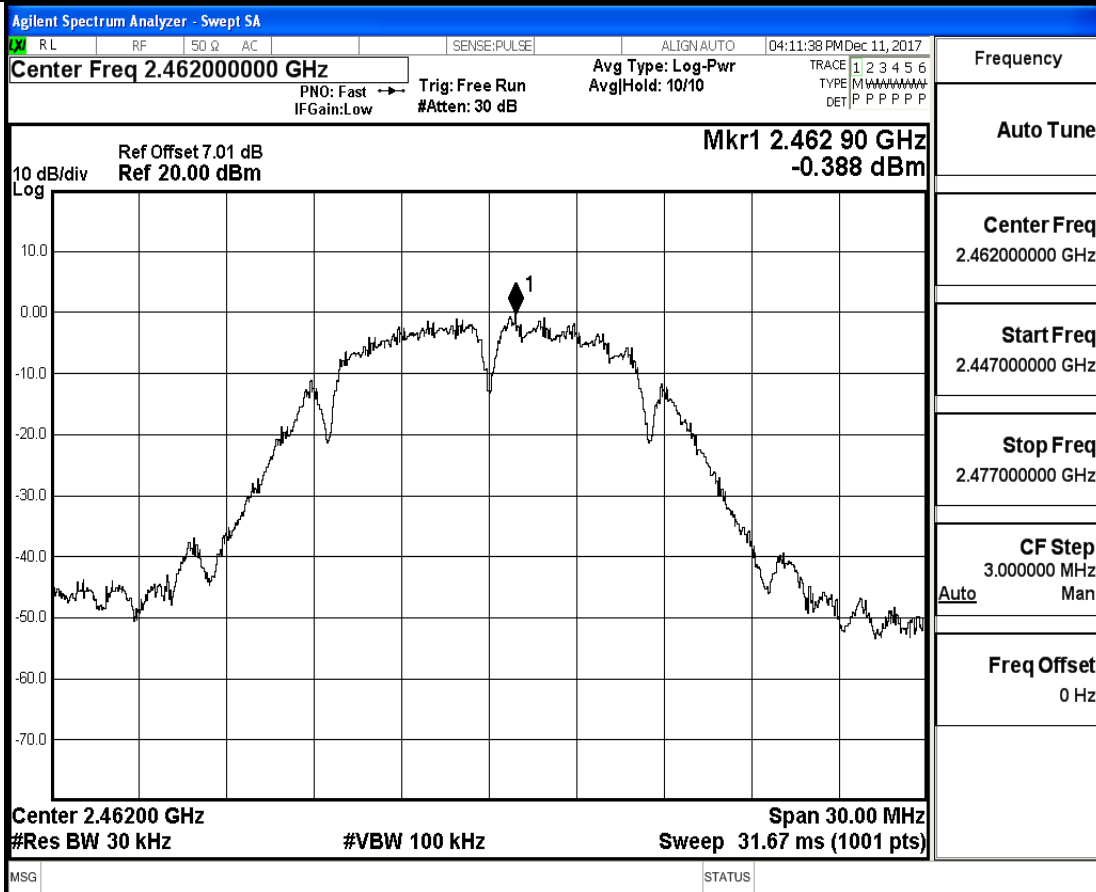
Maximum Peak power spectral density_11B_2412_Ant1



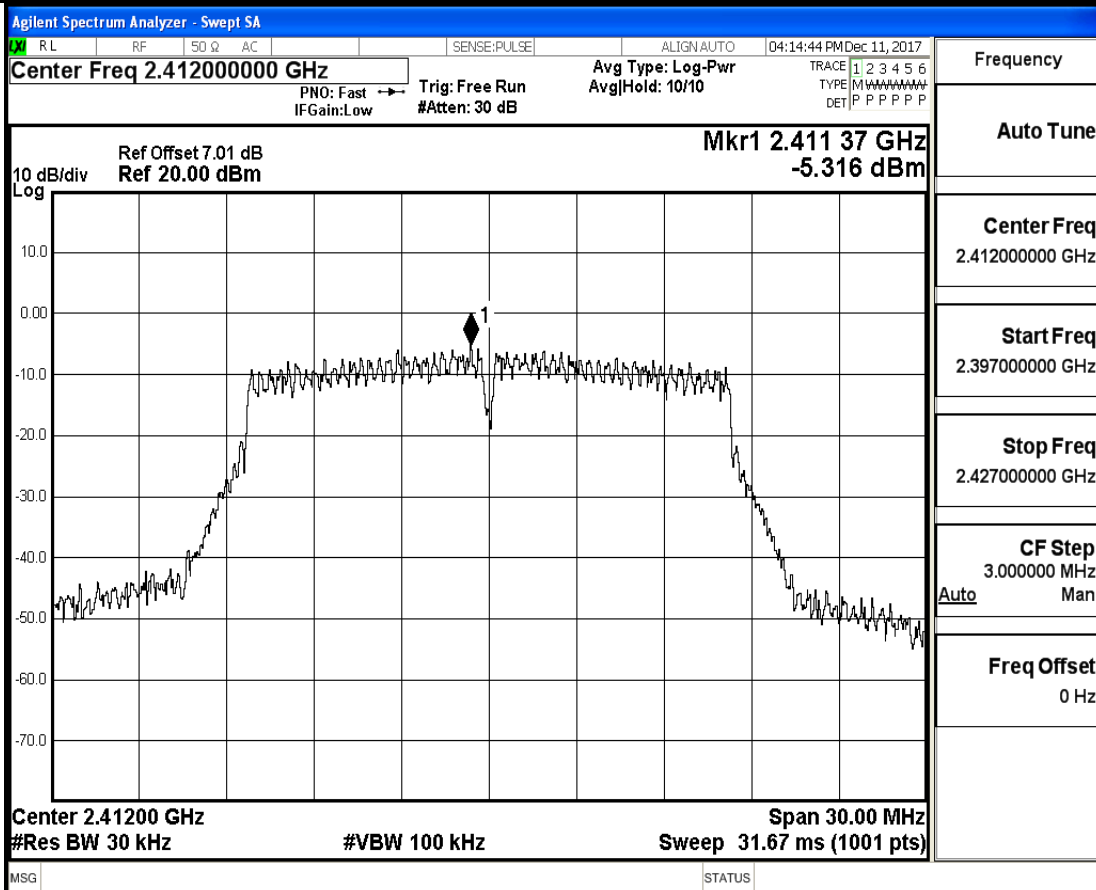
Maximum Peak power spectral density_11B_2437_Ant1



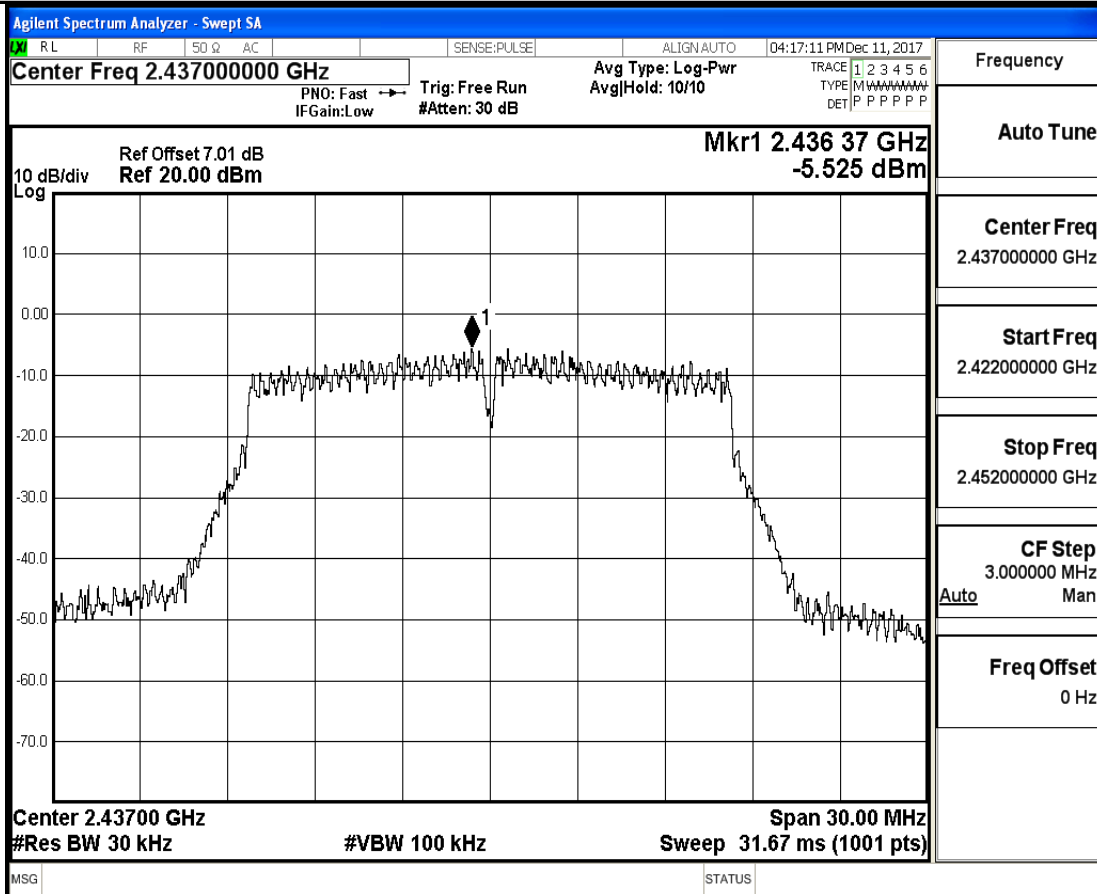
Maximum Peak power spectral density_11B_2462_Ant1



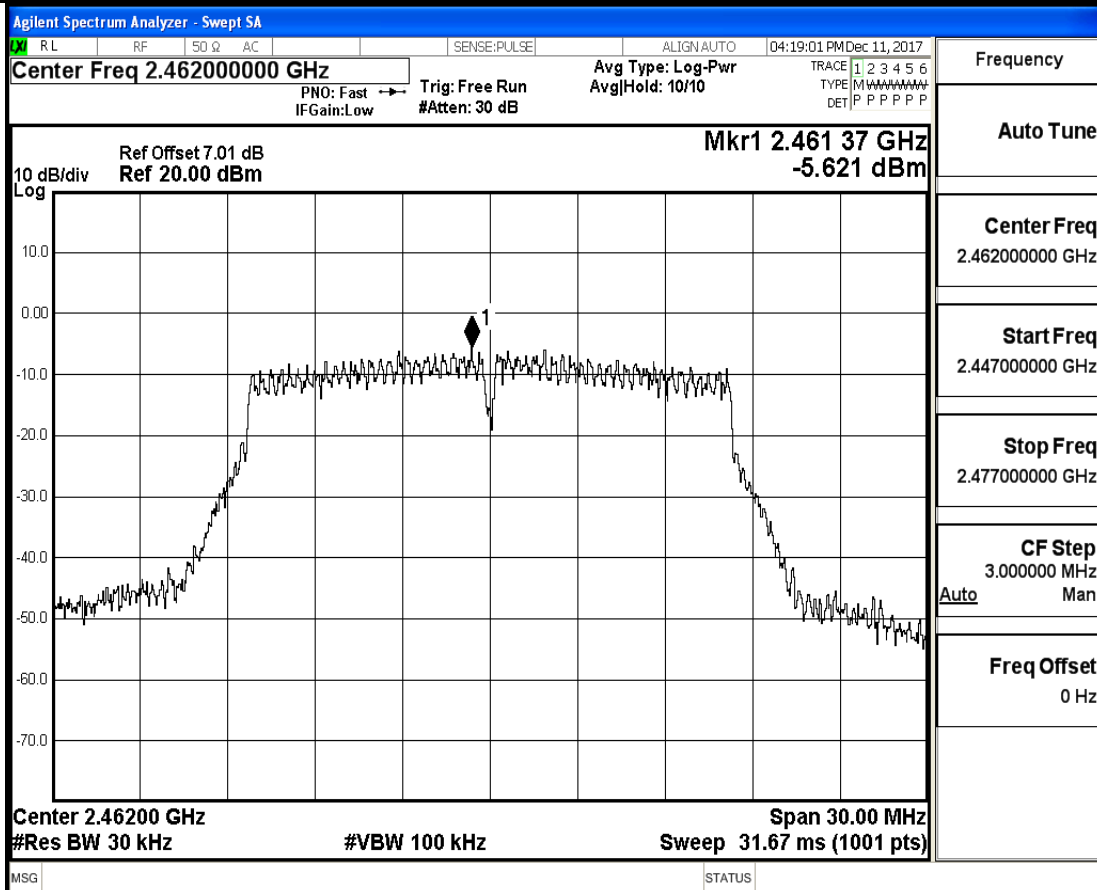
Maximum Peak power spectral density_11G_2412_Ant1



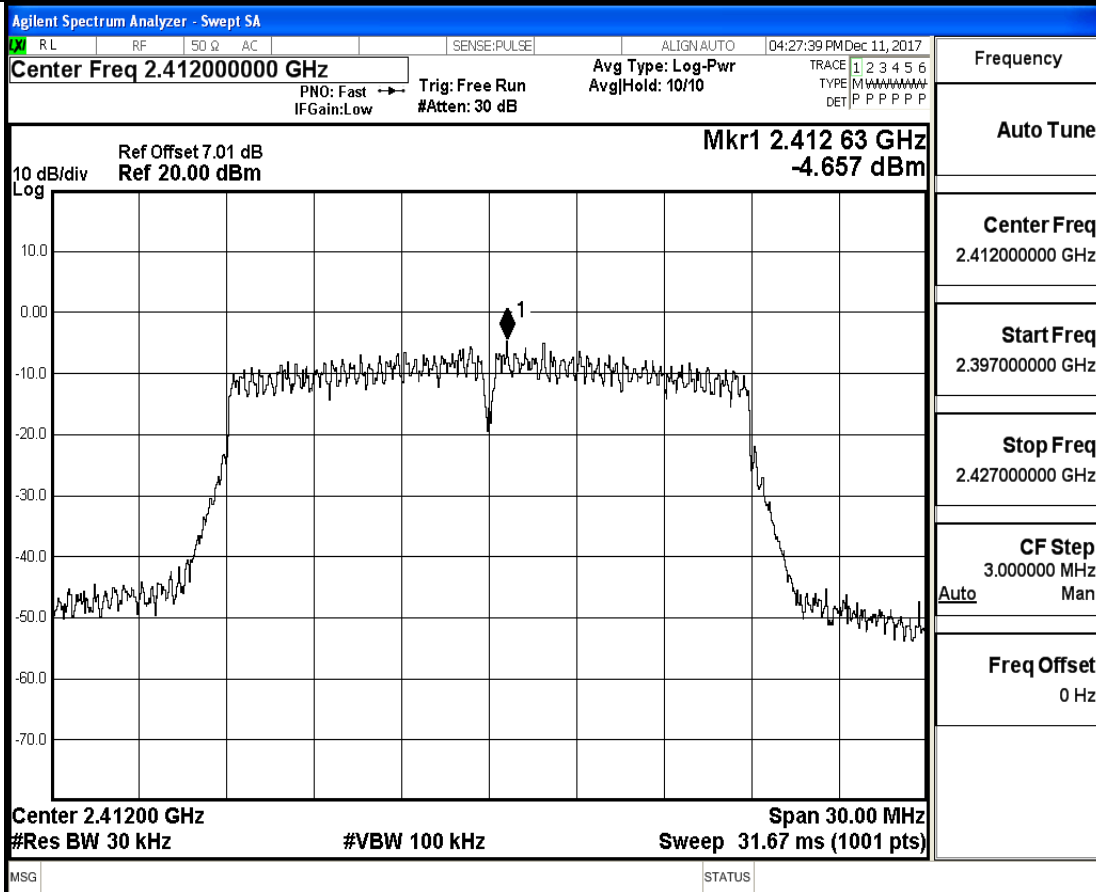
Maximum Peak power spectral density_11G_2437_Ant1



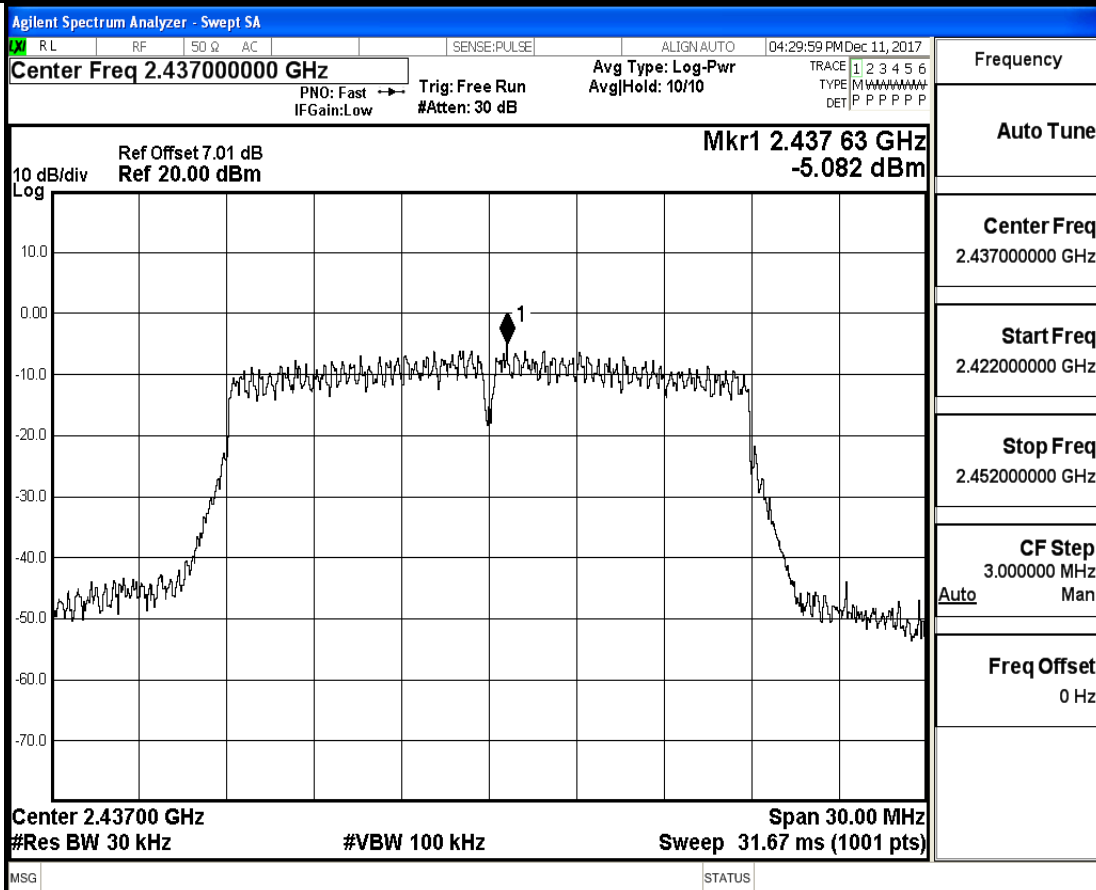
Maximum Peak power spectral density_11G_2462_Ant1



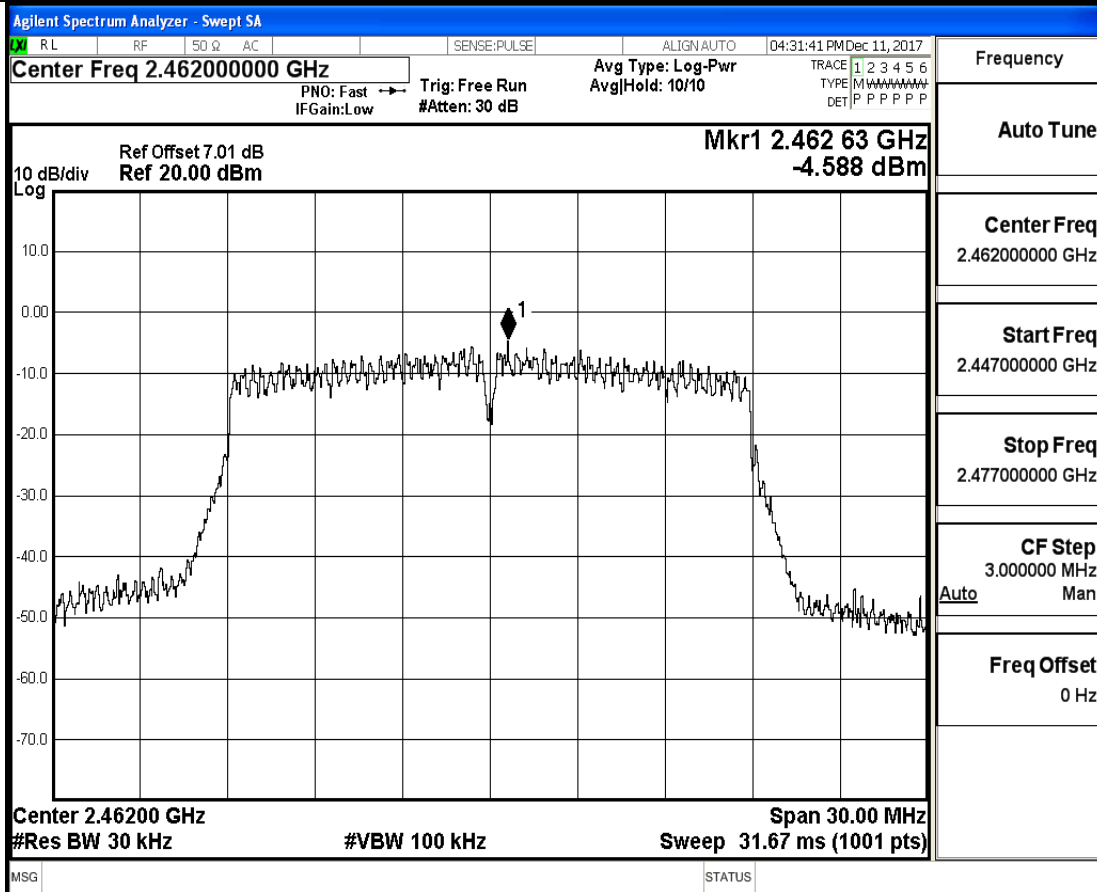
Maximum Peak power spectral density_11N20SISO_2412_Ant1



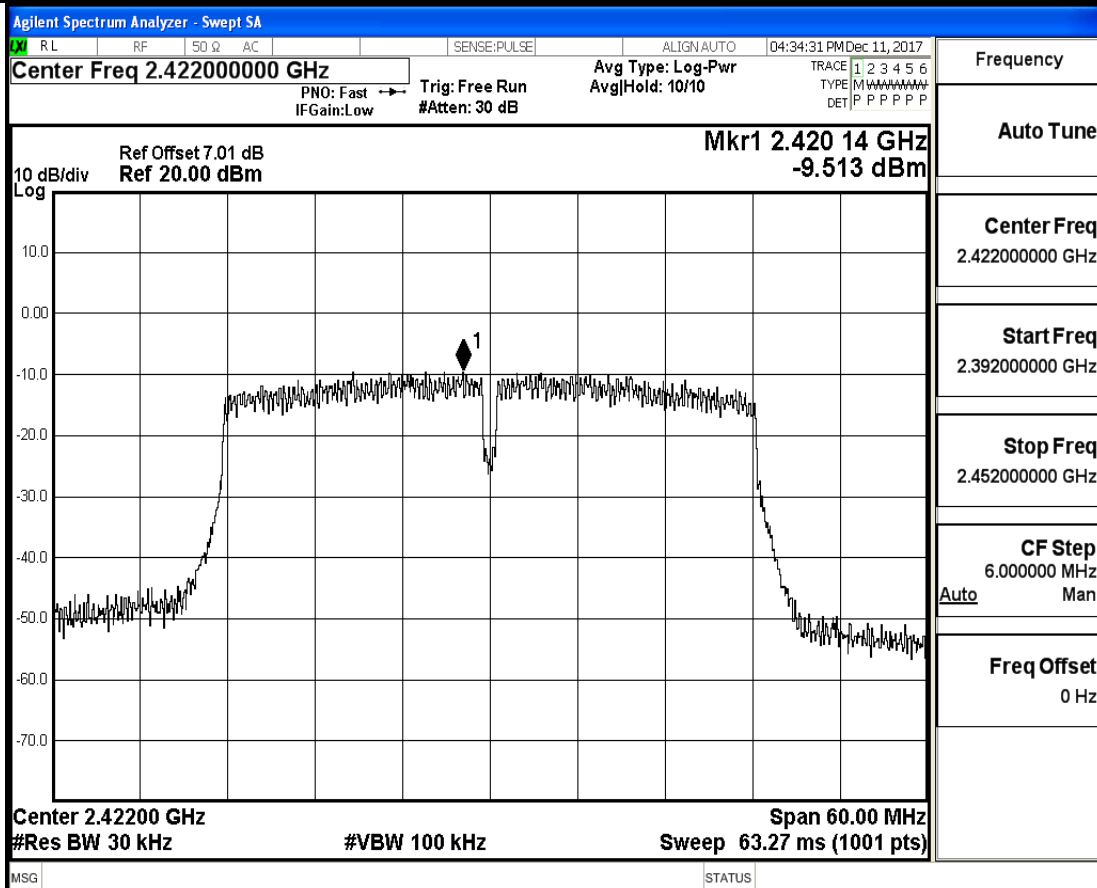
Maximum Peak power spectral density_11N20SISO_2437_Ant1



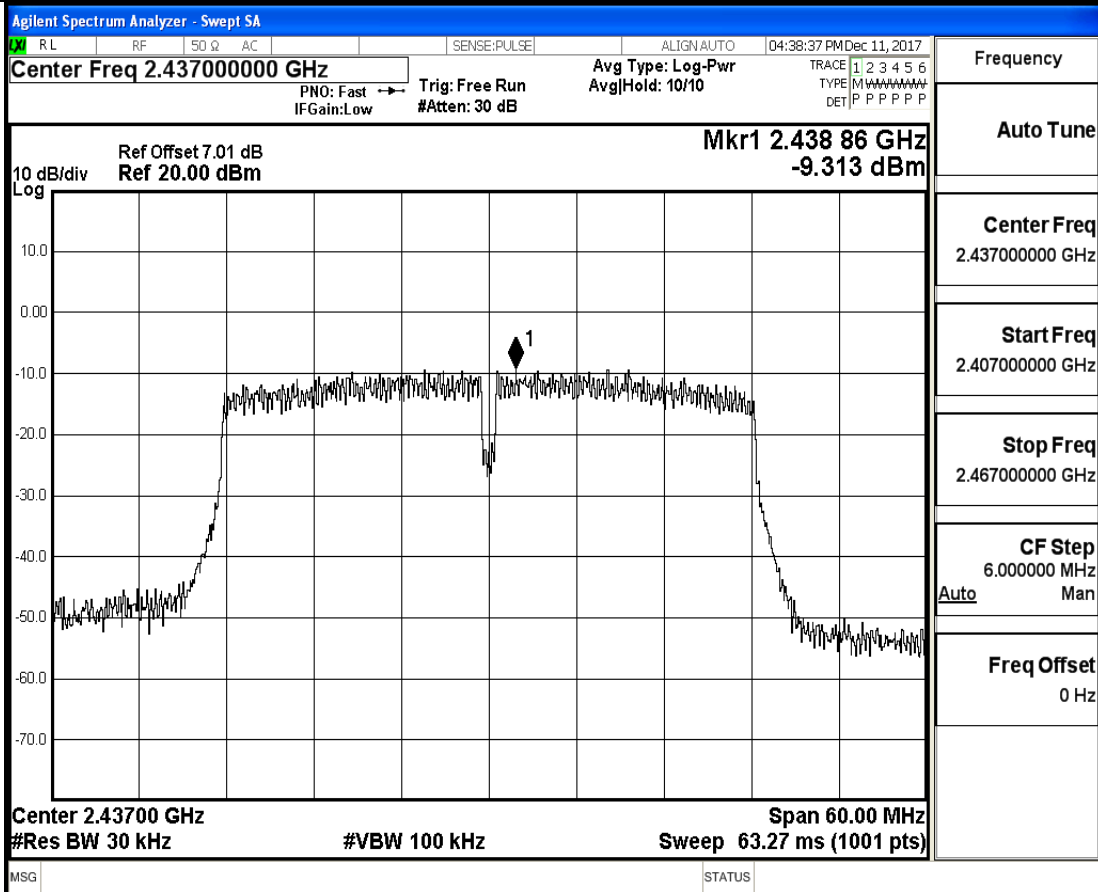
Maximum Peak power spectral density_11N20SISO_2462_Ant1



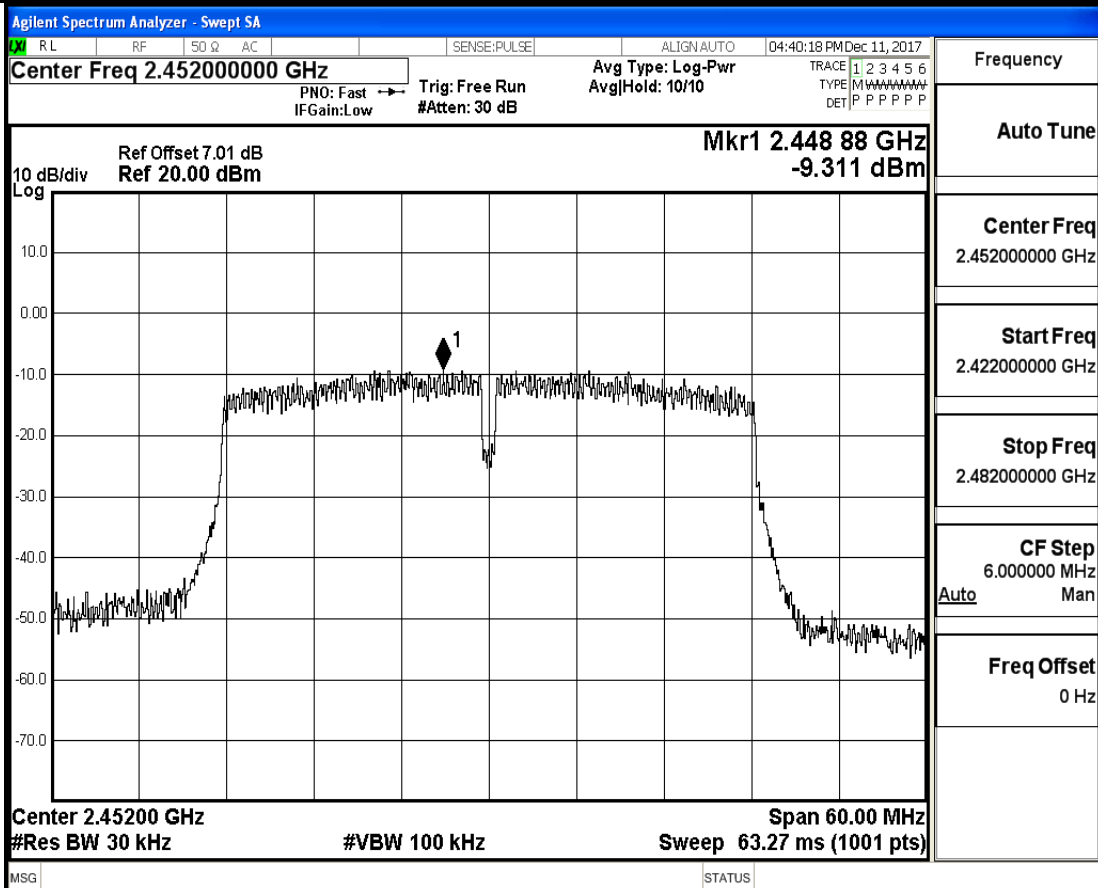
Maximum Peak power spectral density_11N40SISO_2422_Ant1



Maximum Peak power spectral density_11N40SISO_2437_Ant1



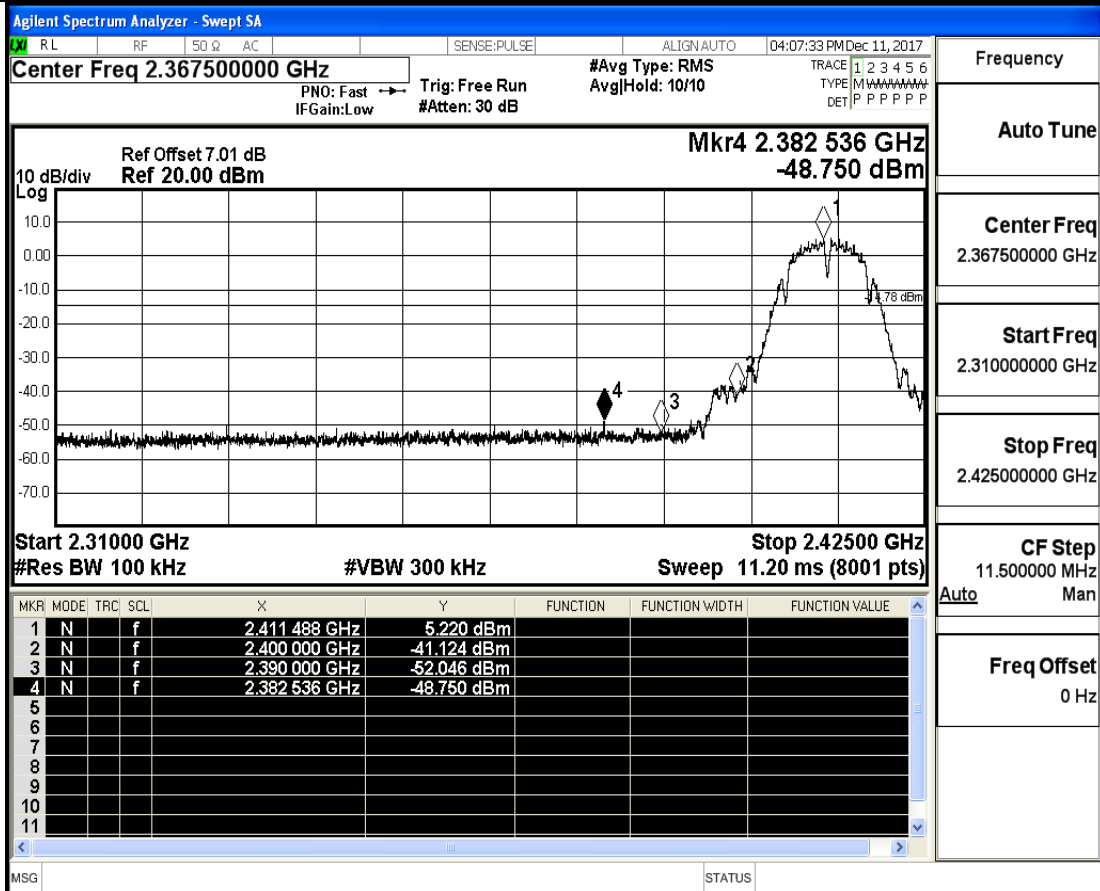
Maximum Peak power spectral density_11N40SISO_2452_Ant1



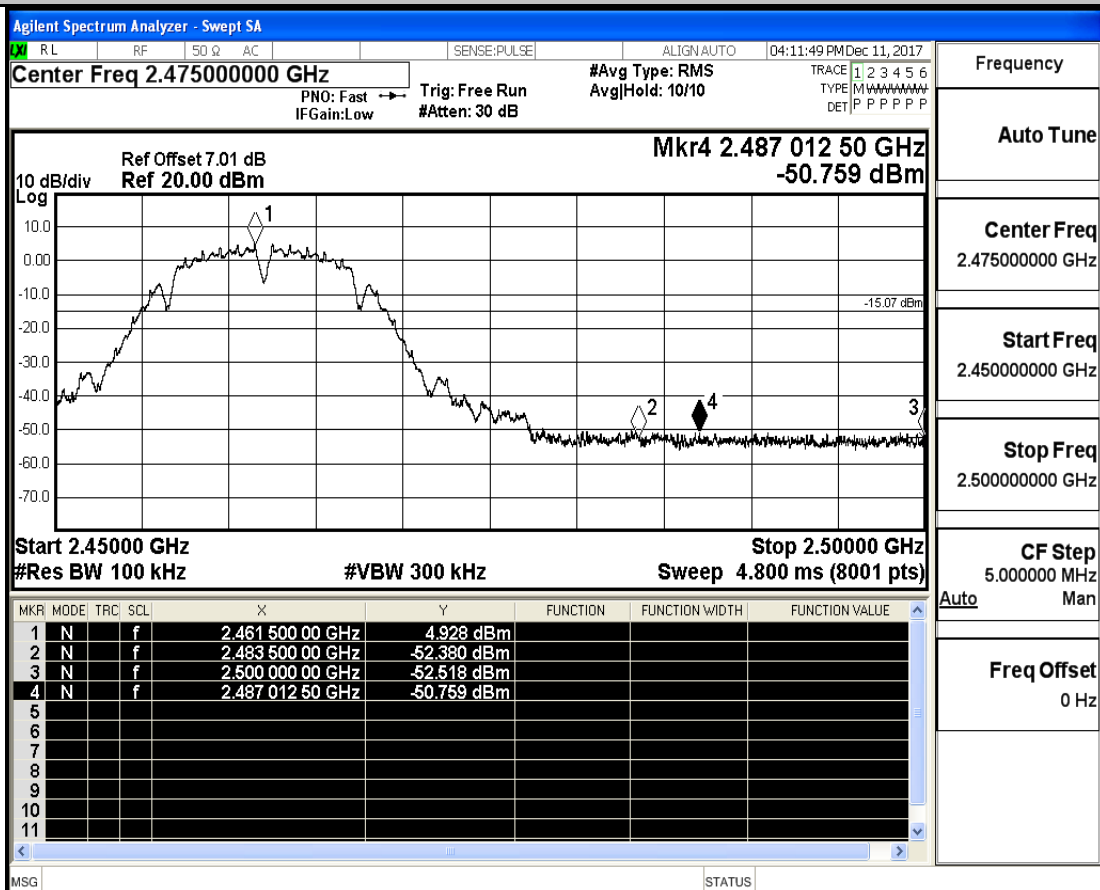
5.Band-edge for RF Conducted Emissions

Test Mode	Test Channel	Ant	Carrier Power[dBm]	Max. Spurious Level [dBm]	Limit [dBm]	Verdict
11B	2412	Ant1	5.220	-48.750	-14.78	PASS
11B	2462	Ant1	4.928	-50.759	-15.07	PASS
11G	2412	Ant1	-2.715	-48.576	-22.72	PASS
11G	2462	Ant1	-2.648	-48.918	-22.65	PASS
11N20SISO	2412	Ant1	-2.906	-49.000	-22.91	PASS
11N20SISO	2462	Ant1	-2.687	-48.180	-22.69	PASS
11N40SISO	2422	Ant1	-6.505	-42.800	-26.51	PASS
11N40SISO	2452	Ant1	-6.143	-46.722	-26.14	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

Agilent Spectrum Analyzer - Swept SA

Center Freq 2.36750000 GHz

Ref Offset 7.01 dB
Ref 20.00 dBm

Mkr4 2.389 393 GHz
-48.576 dBm

10 dB/div
Log

Start 2.31000 GHz
#Res BW 100 kHz

Stop 2.42500 GHz
#VBW 300 kHz
Sweep 11.20 ms (8001 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N		f	2.412 882 GHz	-2.715 dBm			
2	N		f	2.400 000 GHz	-40.118 dBm			
3	N		f	2.390 000 GHz	-51.315 dBm			
4	N		f	2.389 393 GHz	-48.576 dBm			
5								
6								
7								
8								
9								
10								
11								

Frequency

Auto Tune

Center Freq
2.36750000 GHz

Start Freq
2.31000000 GHz

Stop Freq
2.42500000 GHz

CF Step
11.500000 MHz
Auto Man

Freq Offset
0 Hz

Band-edge for RF Conducted Emissions_11G_2462_Ant1

Agilent Spectrum Analyzer - Swept SA

Center Freq 2.47500000 GHz

Ref Offset 7.01 dB
Ref 20.00 dBm

Mkr4 2.484 712 50 GHz
-48.918 dBm

10 dB/div
Log

Start 2.45000 GHz
#Res BW 100 kHz

Stop 2.50000 GHz
#VBW 300 kHz
Sweep 4.800 ms (8001 pts)

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N		f	2.462 881 25 GHz	-2.648 dBm			
2	N		f	2.483 500 00 GHz	-51.684 dBm			
3	N		f	2.500 000 00 GHz	-50.993 dBm			
4	N		f	2.484 712 50 GHz	-48.918 dBm			
5								
6								
7								
8								
9								
10								
11								

Frequency

Auto Tune

Center Freq
2.47500000 GHz

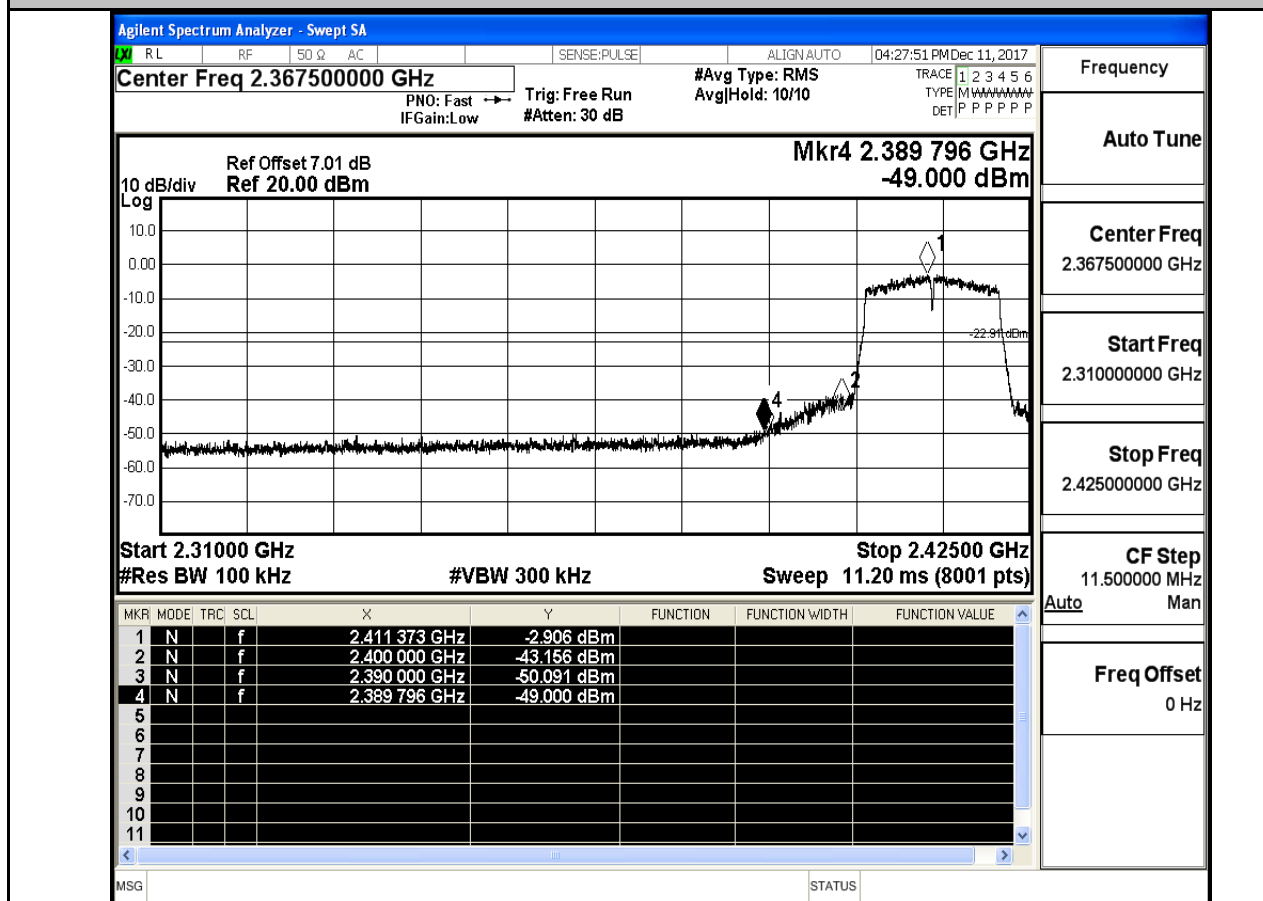
Start Freq
2.45000000 GHz

Stop Freq
2.50000000 GHz

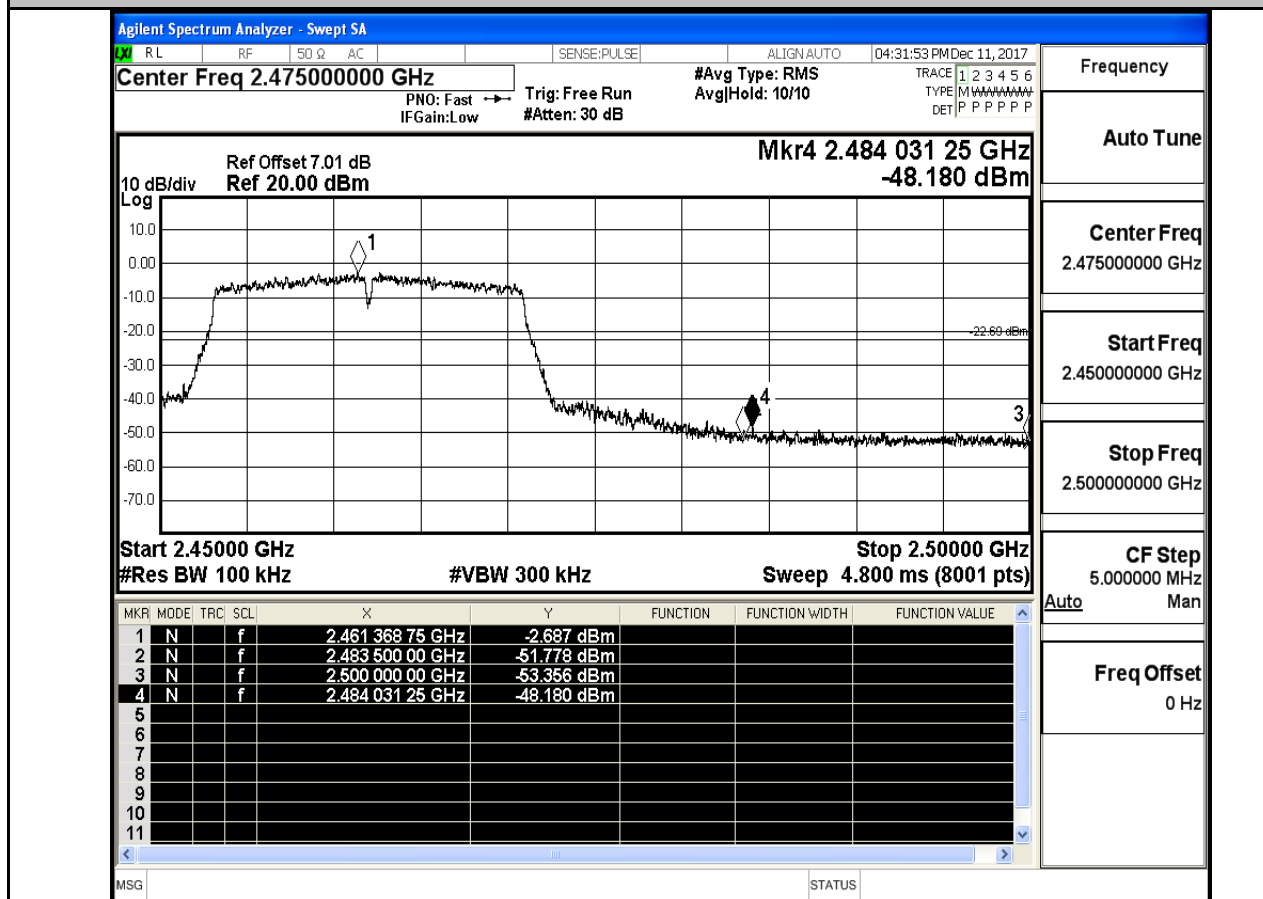
CF Step
5.000000 MHz
Auto Man

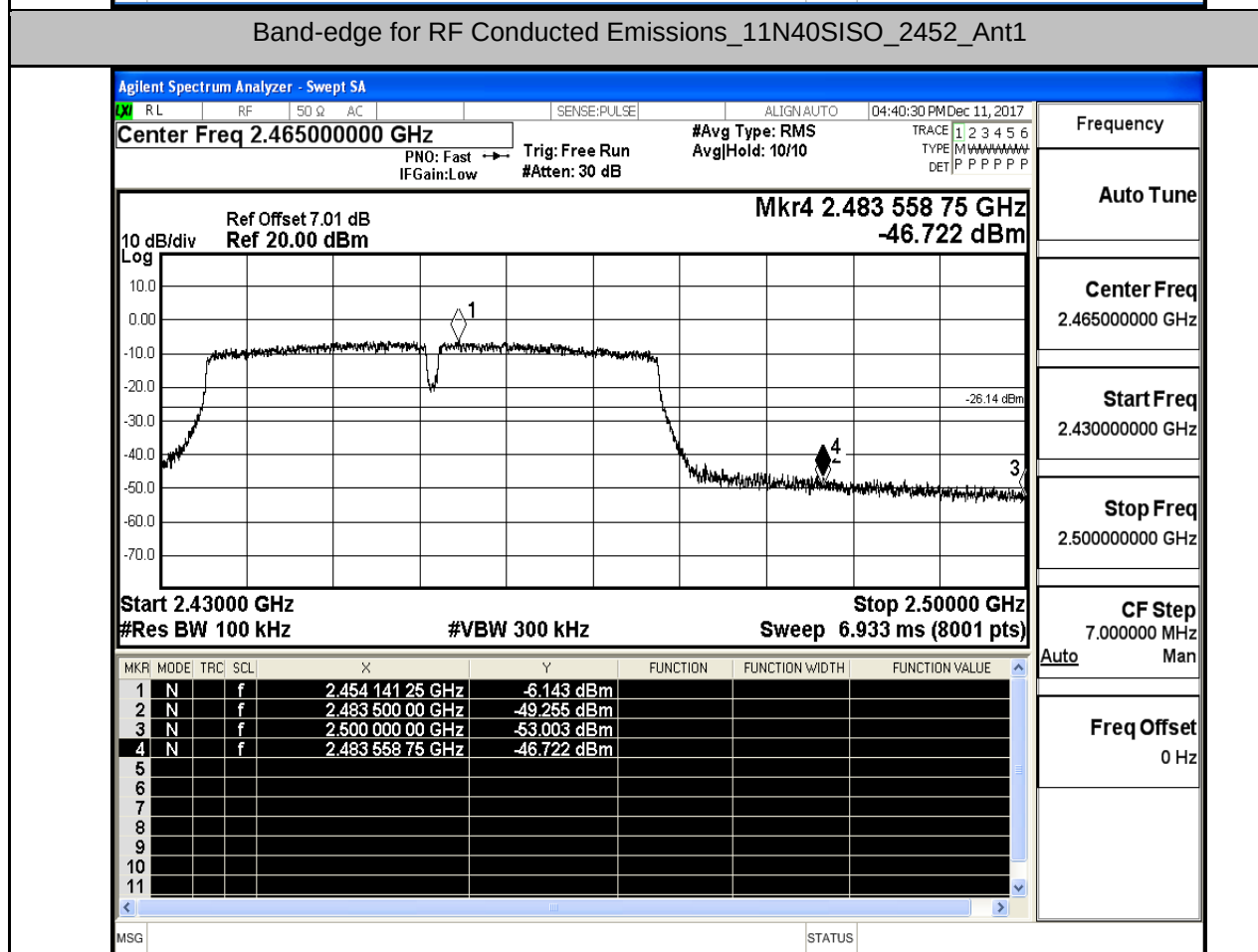
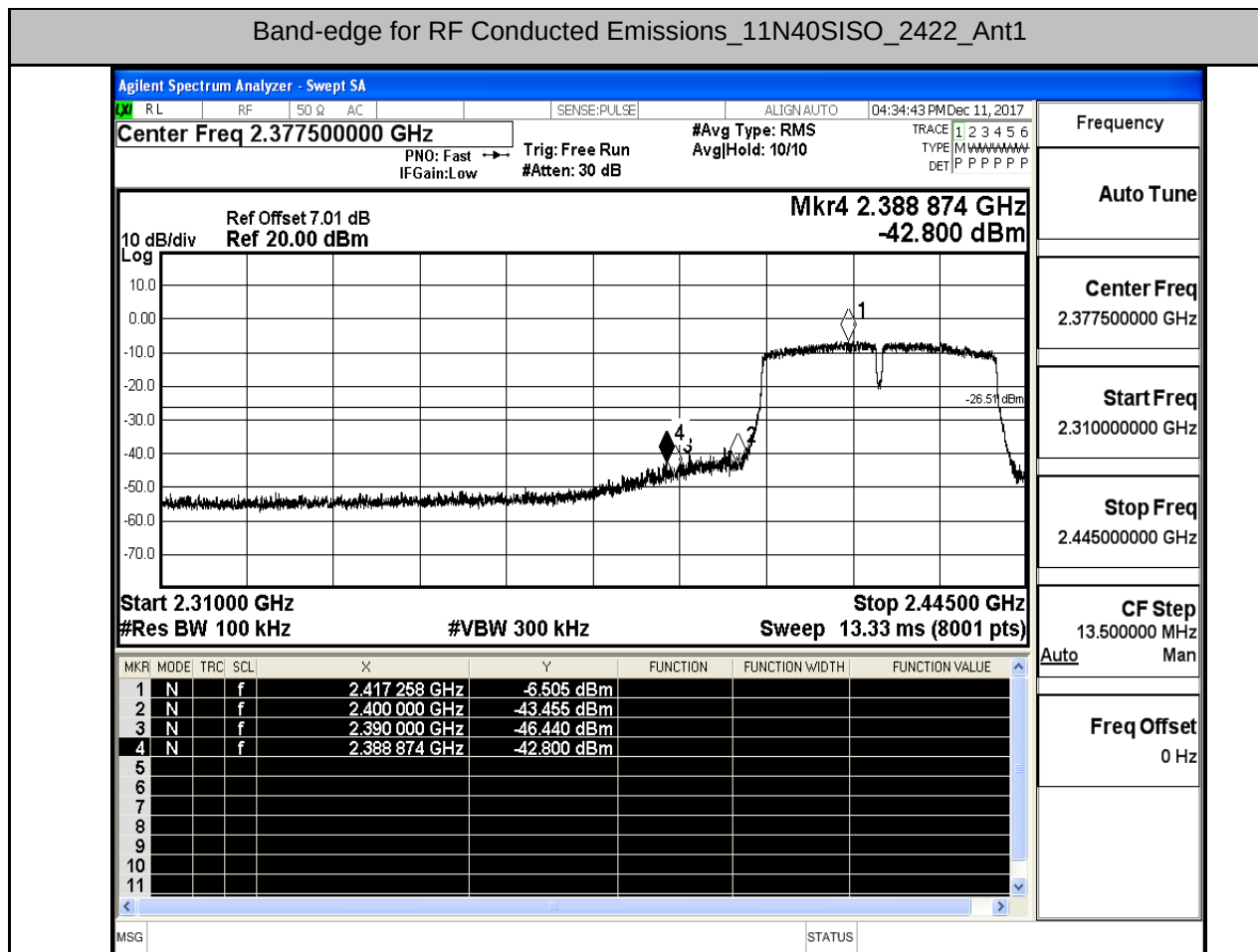
Freq Offset
0 Hz

Band-edge for RF Conducted Emissions_11N20SISO_2412_Ant1



Band-edge for RF Conducted Emissions_11N20SISO_2462_Ant1

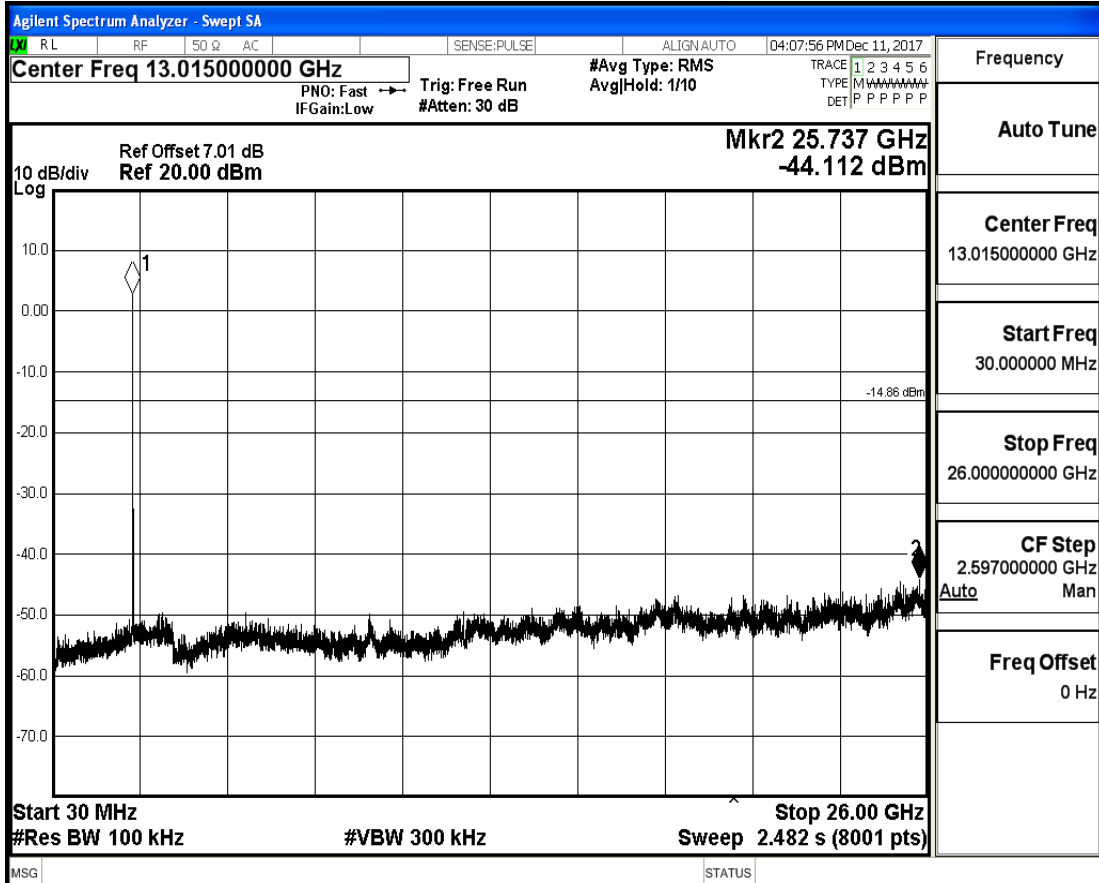
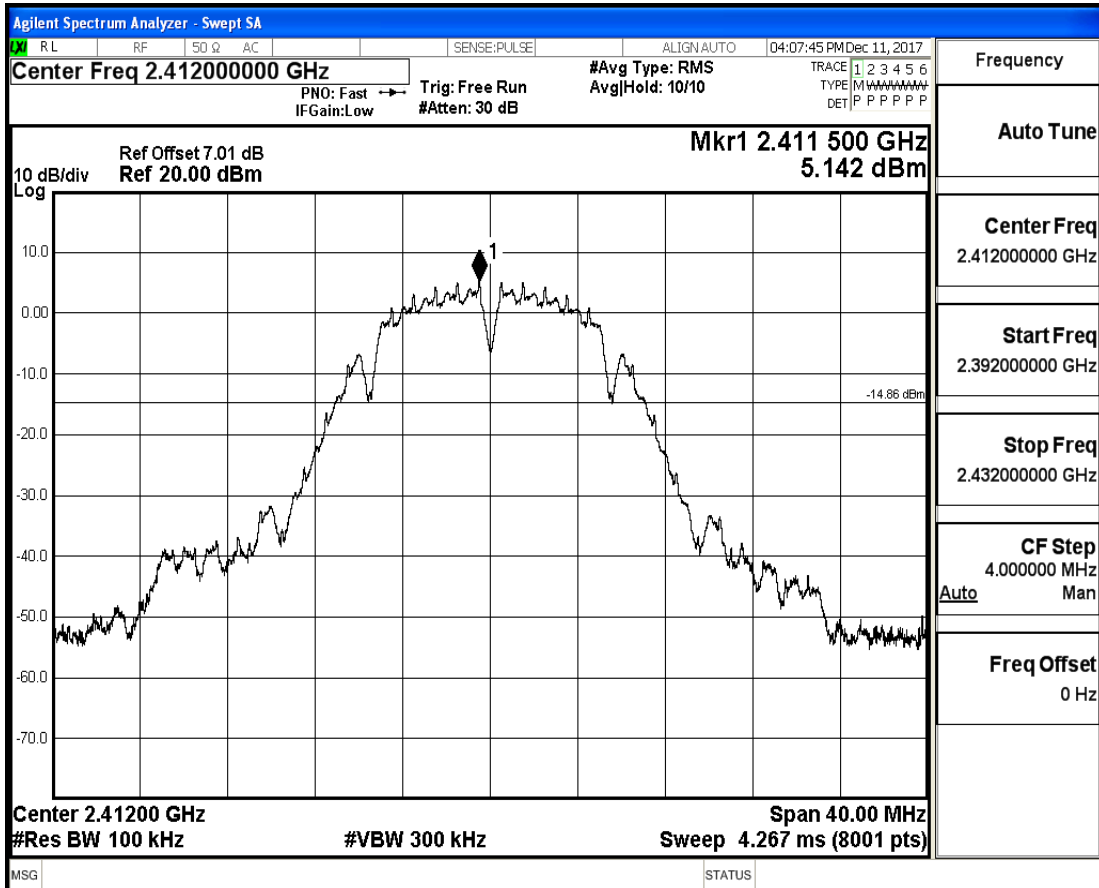




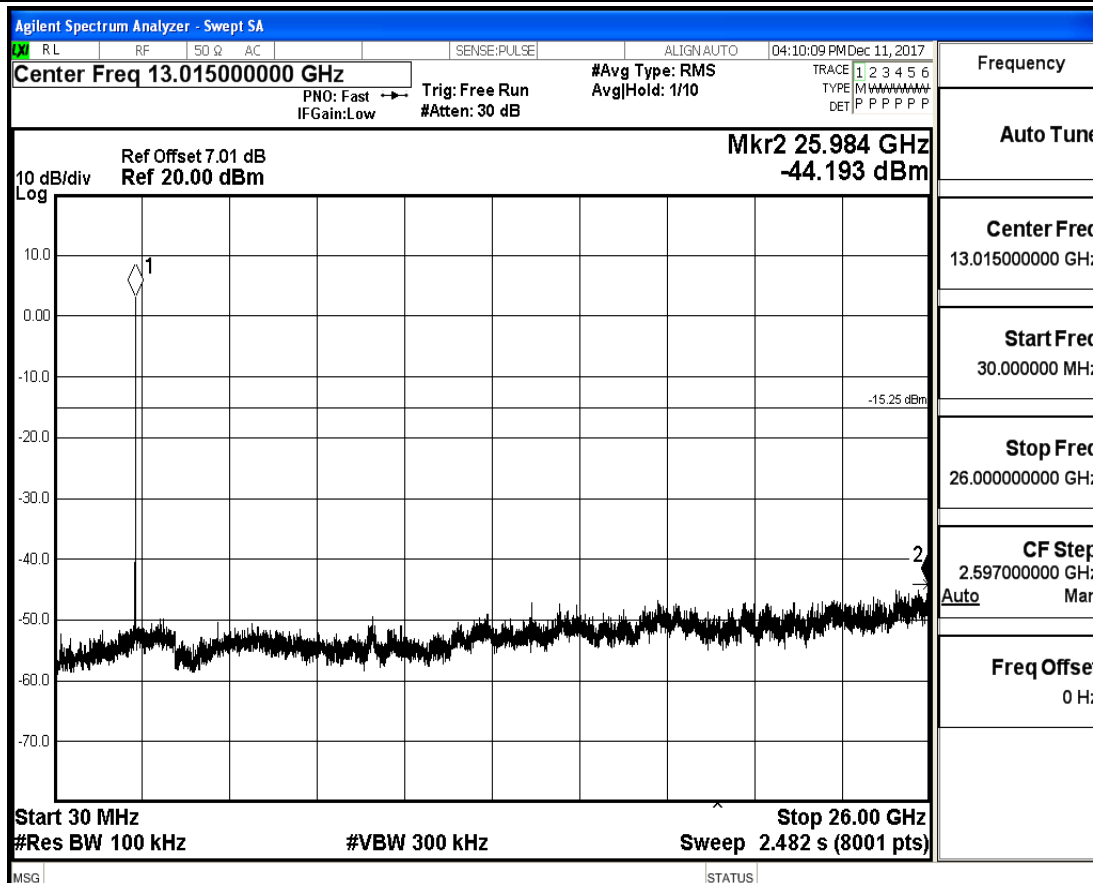
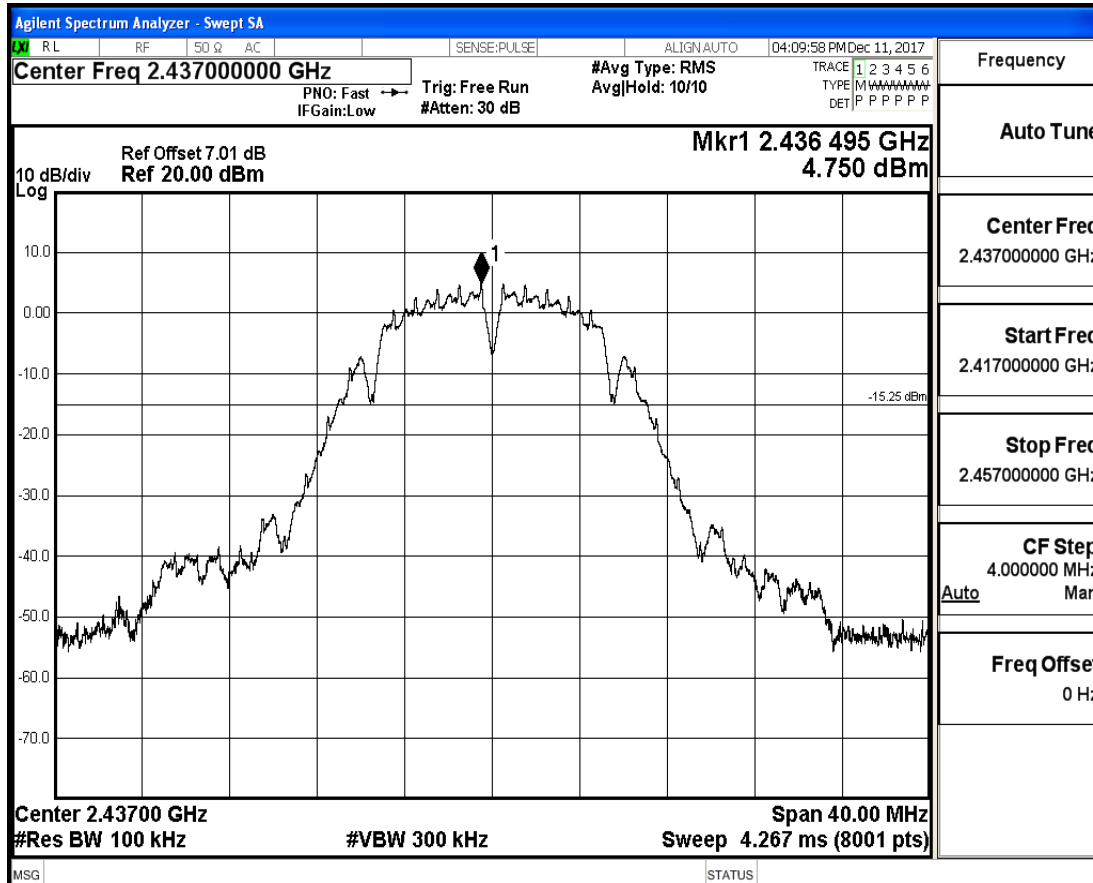
6.RF Conducted Spurious Emissions

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	5.142	-44.112	<-14.858	PASS
11B	2437	Ant1	30	26000	100	300	4.75	-44.193	<-15.25	PASS
11B	2462	Ant1	30	26000	100	300	4.821	-44.729	<-15.179	PASS
11G	2412	Ant1	30	26000	100	300	-2.771	-44.891	<-22.771	PASS
11G	2437	Ant1	30	26000	100	300	-2.761	-44.349	<-22.761	PASS
11G	2462	Ant1	30	26000	100	300	-2.751	-43.882	<-22.751	PASS
11N20SISO	2412	Ant1	30	26000	100	300	-2.83	-44.745	<-22.83	PASS
11N20SISO	2437	Ant1	30	26000	100	300	-2.7	-44.408	<-22.7	PASS
11N20SISO	2462	Ant1	30	26000	100	300	-2.765	-45.437	<-22.765	PASS
11N40SISO	2422	Ant1	30	26000	100	300	-6.27	-44.984	<-26.27	PASS
11N40SISO	2437	Ant1	30	26000	100	300	-6.126	-44.555	<-26.126	PASS
11N40SISO	2452	Ant1	30	26000	100	300	-5.83	-44.585	<-25.83	PASS

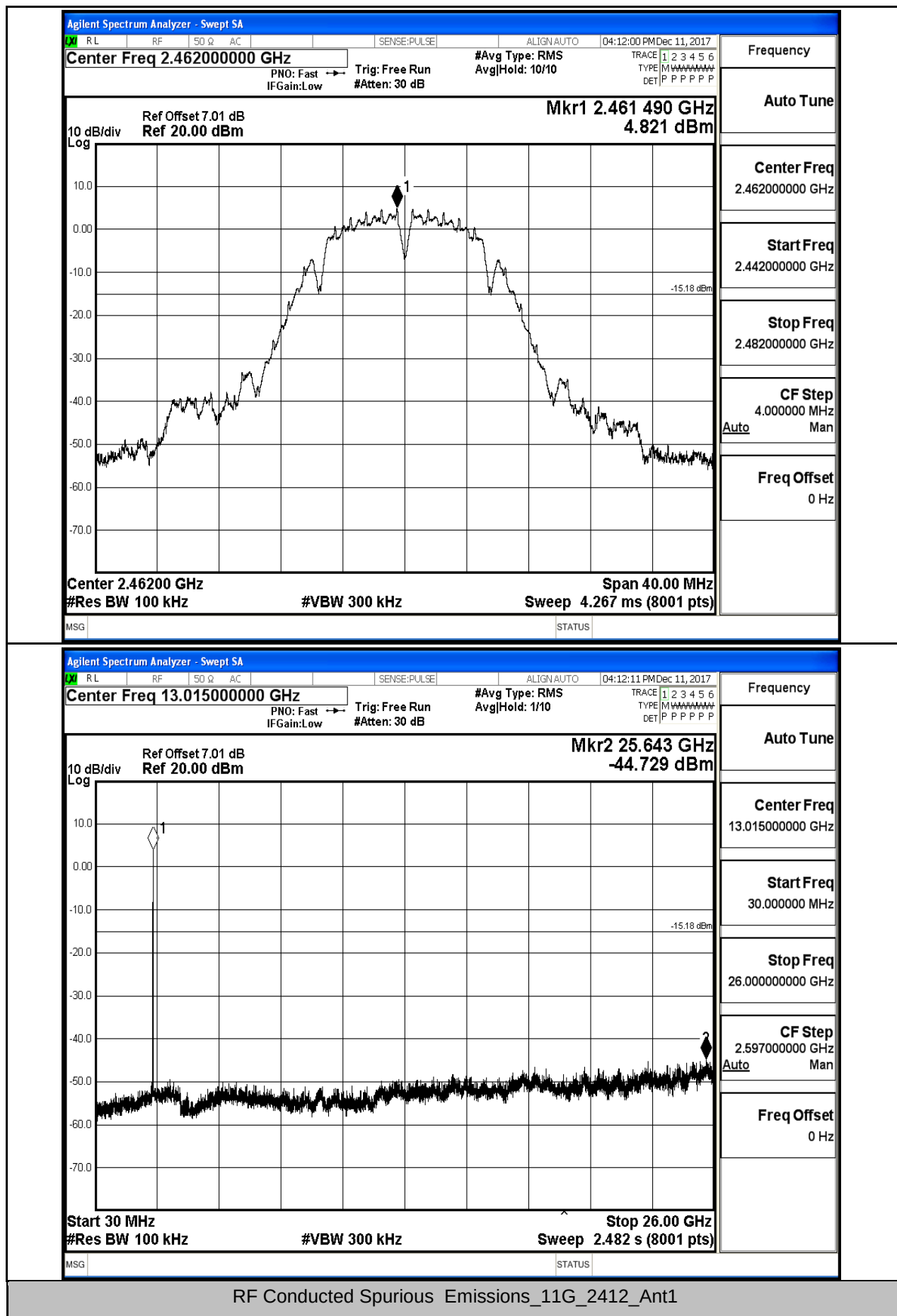
RF Conducted Spurious Emissions_11B_2412_Ant1

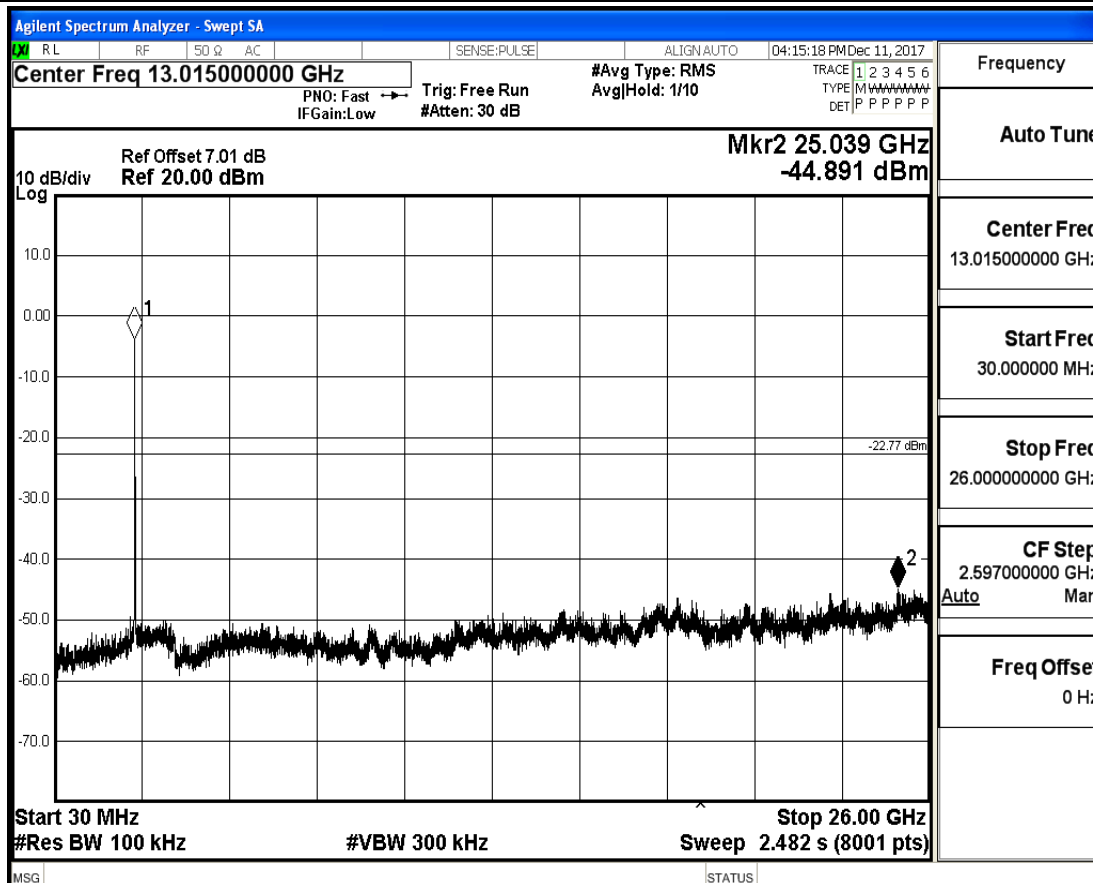
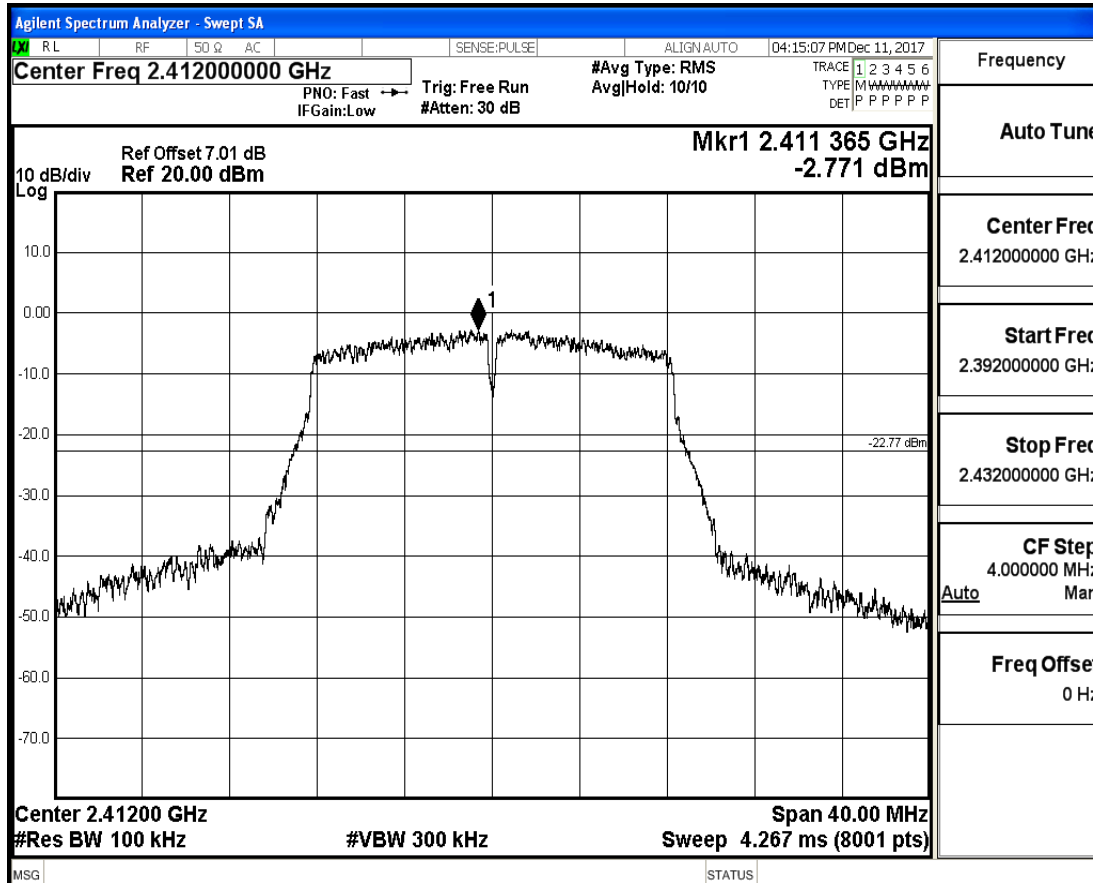


RF Conducted Spurious Emissions_11B_2437_Ant1

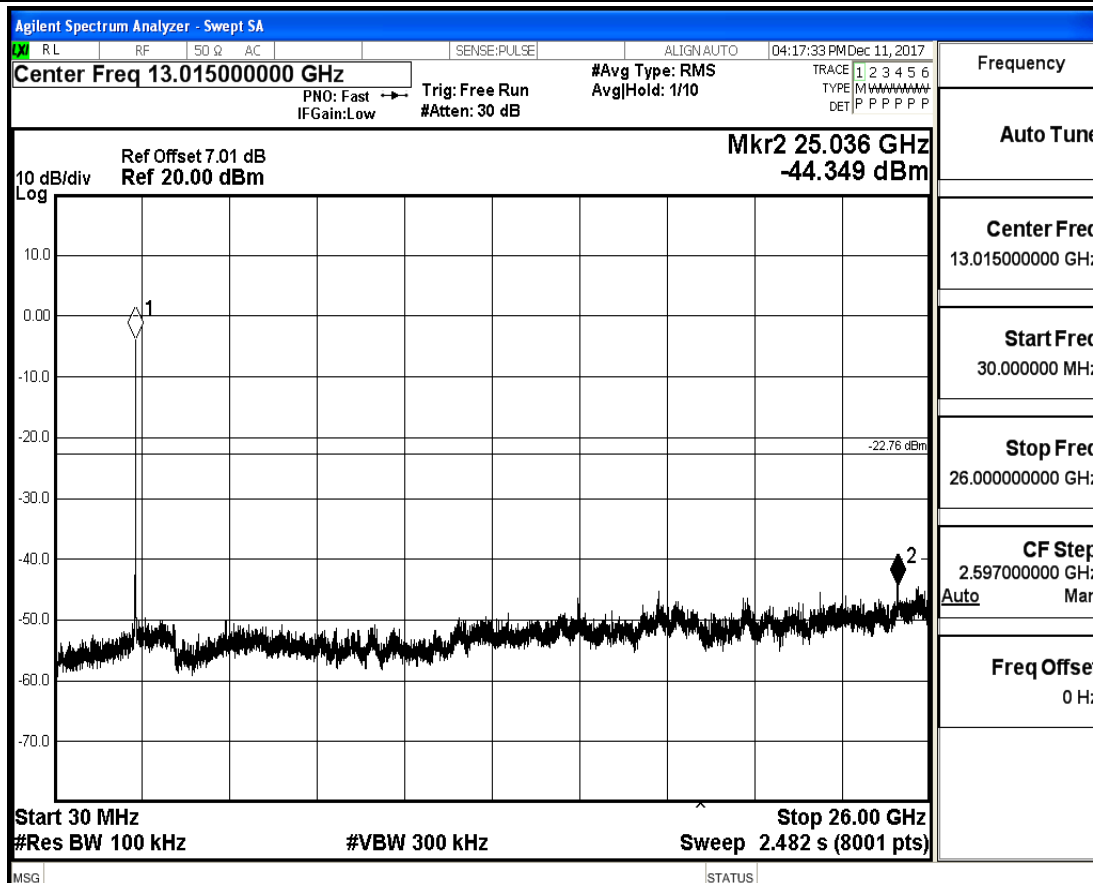
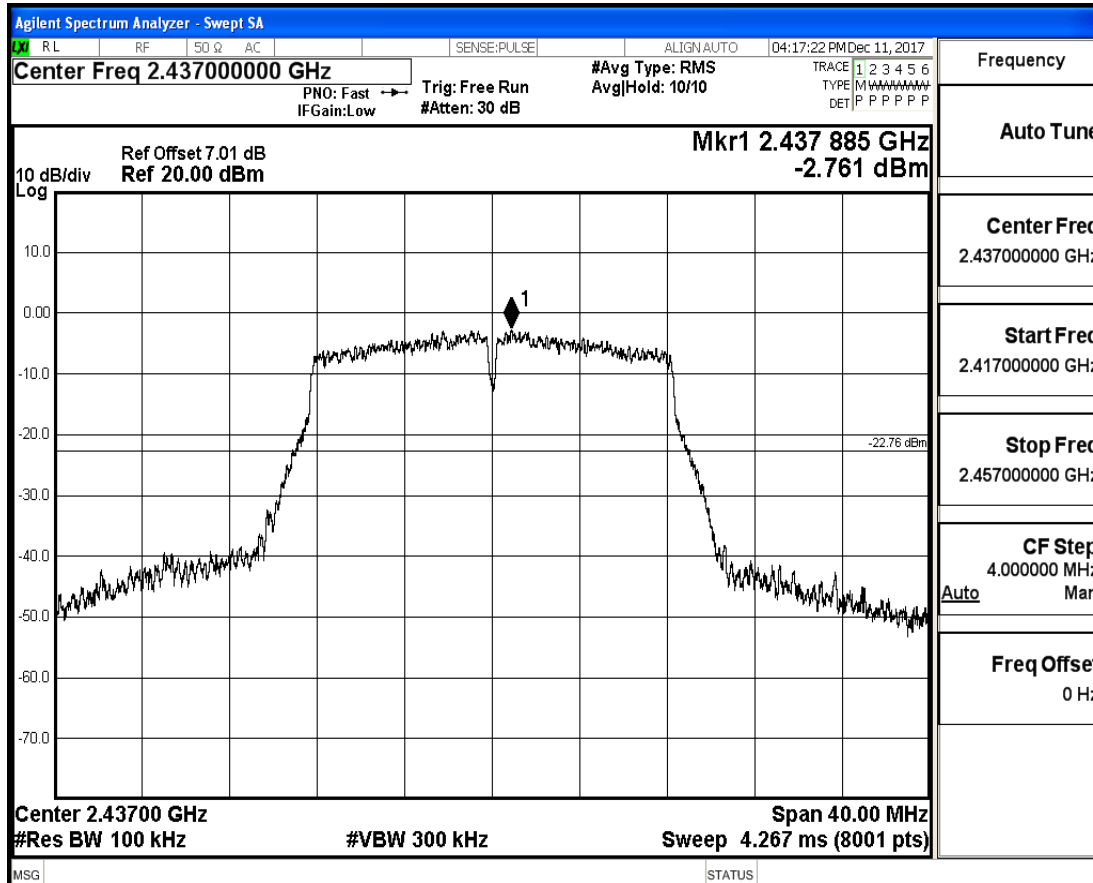


RF Conducted Spurious Emissions_11B_2462_Ant1

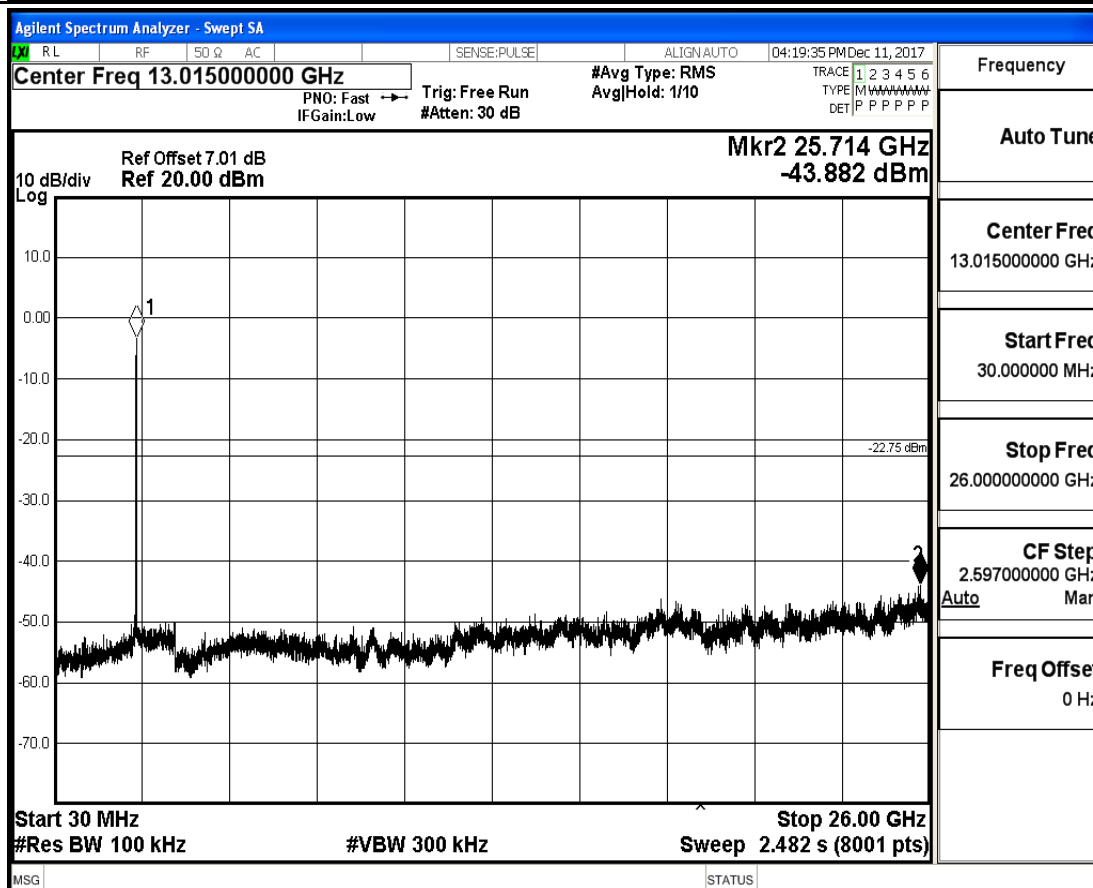
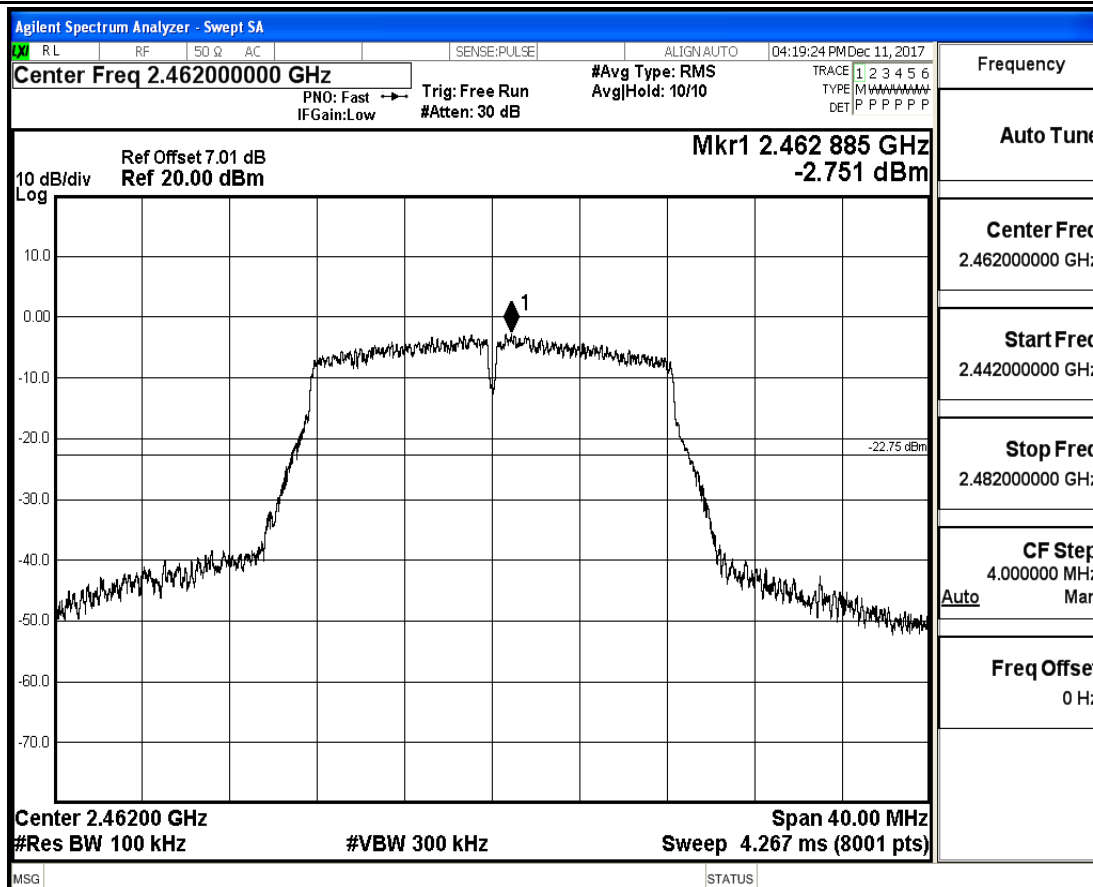




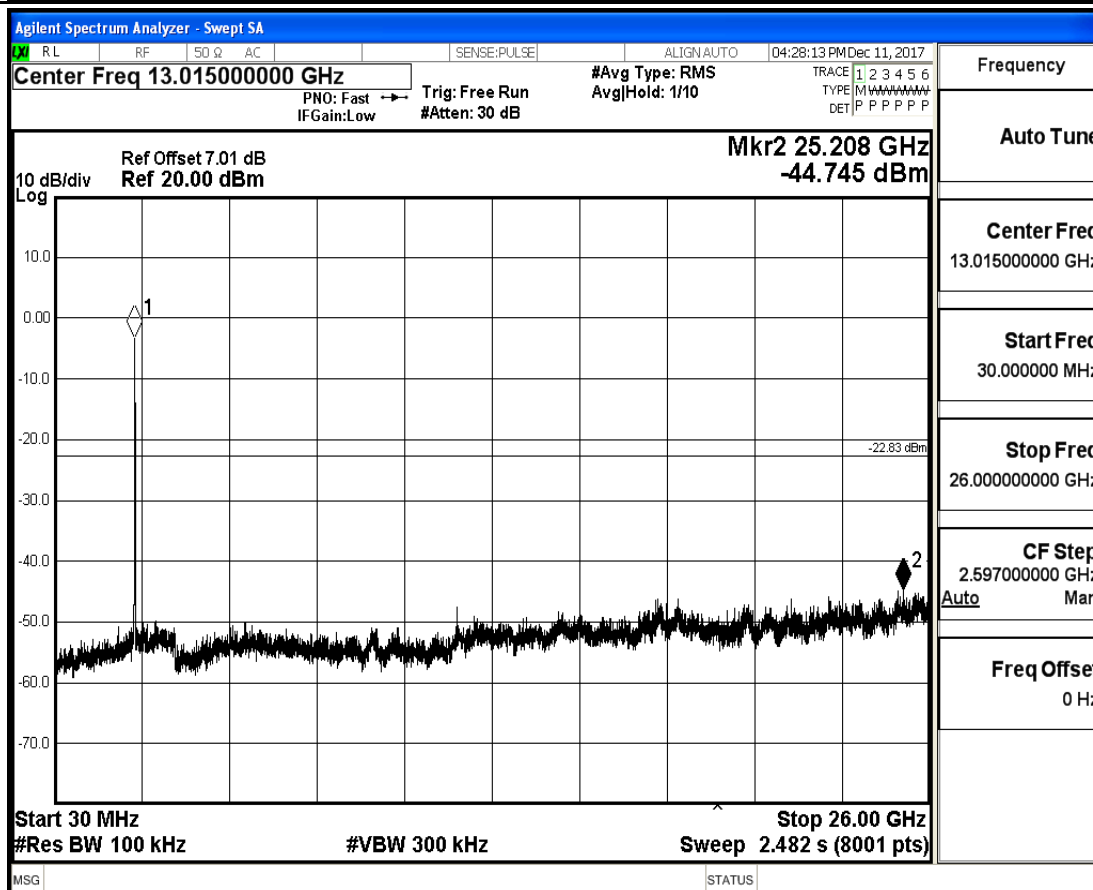
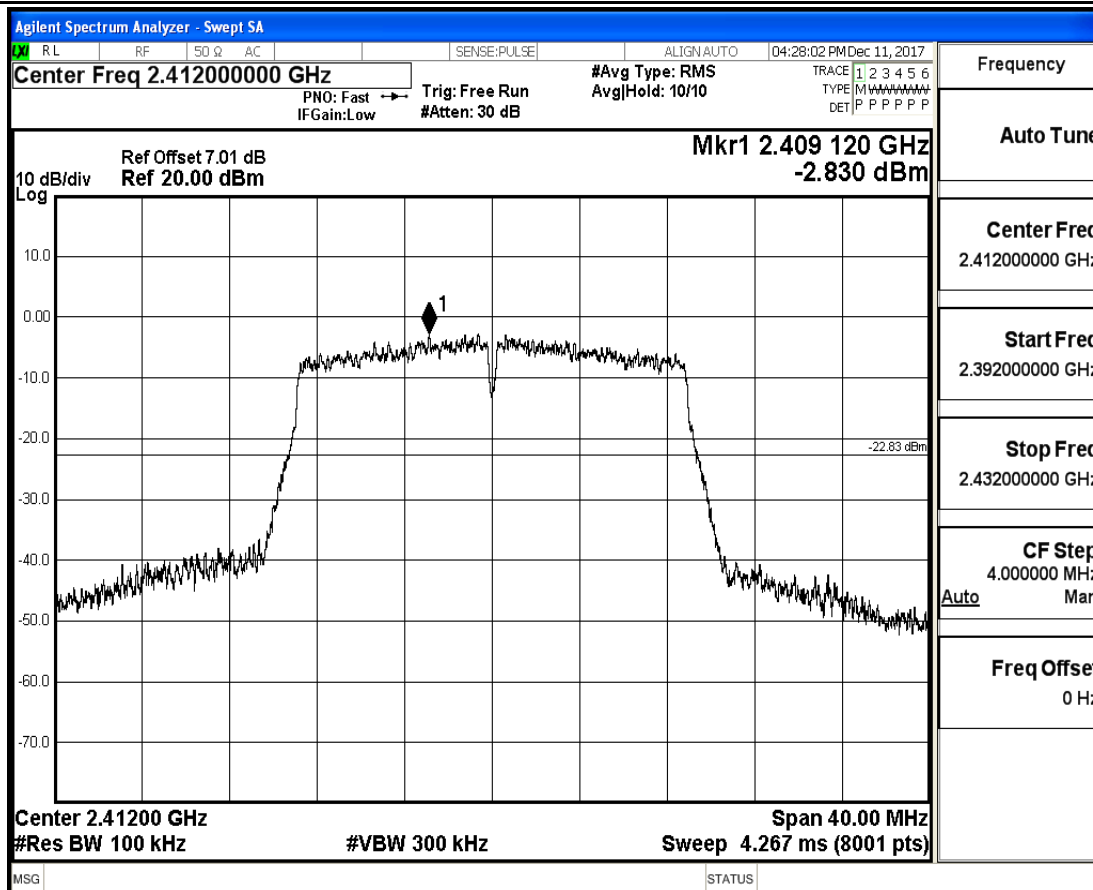
RF Conducted Spurious Emissions_11G_2437_Ant1



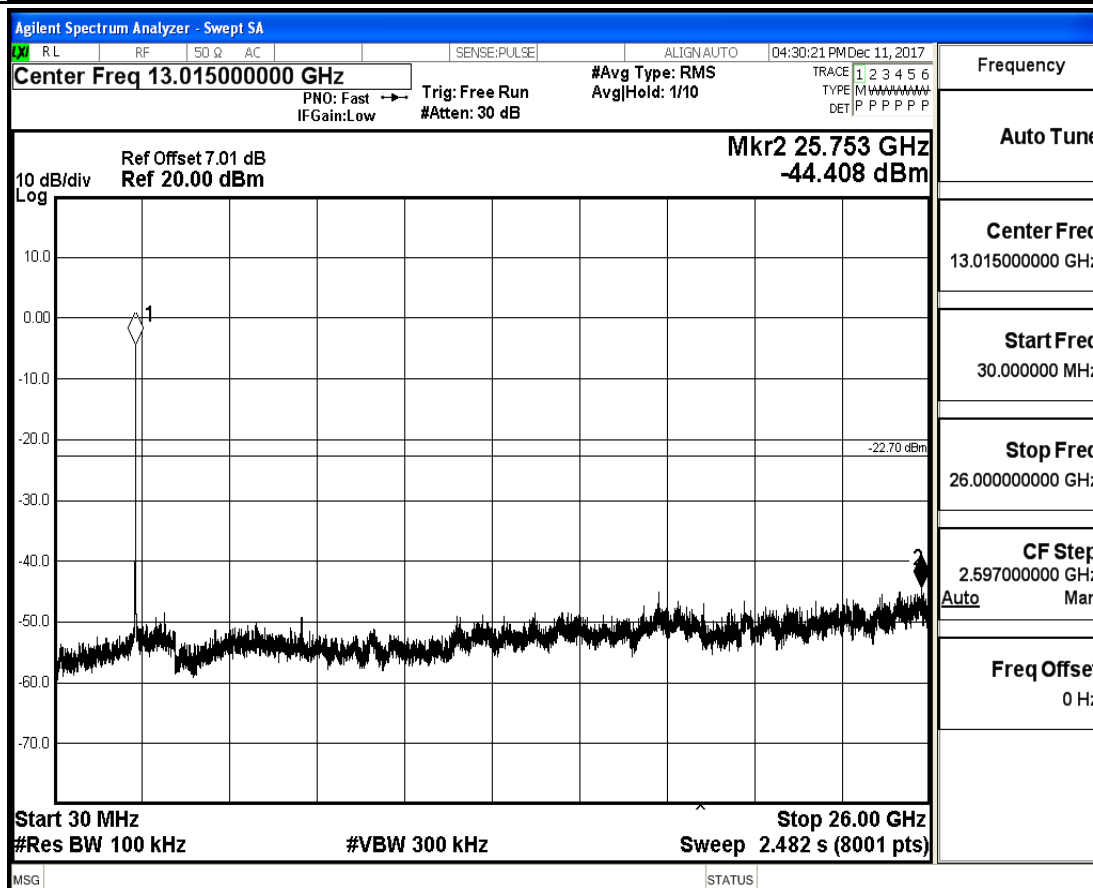
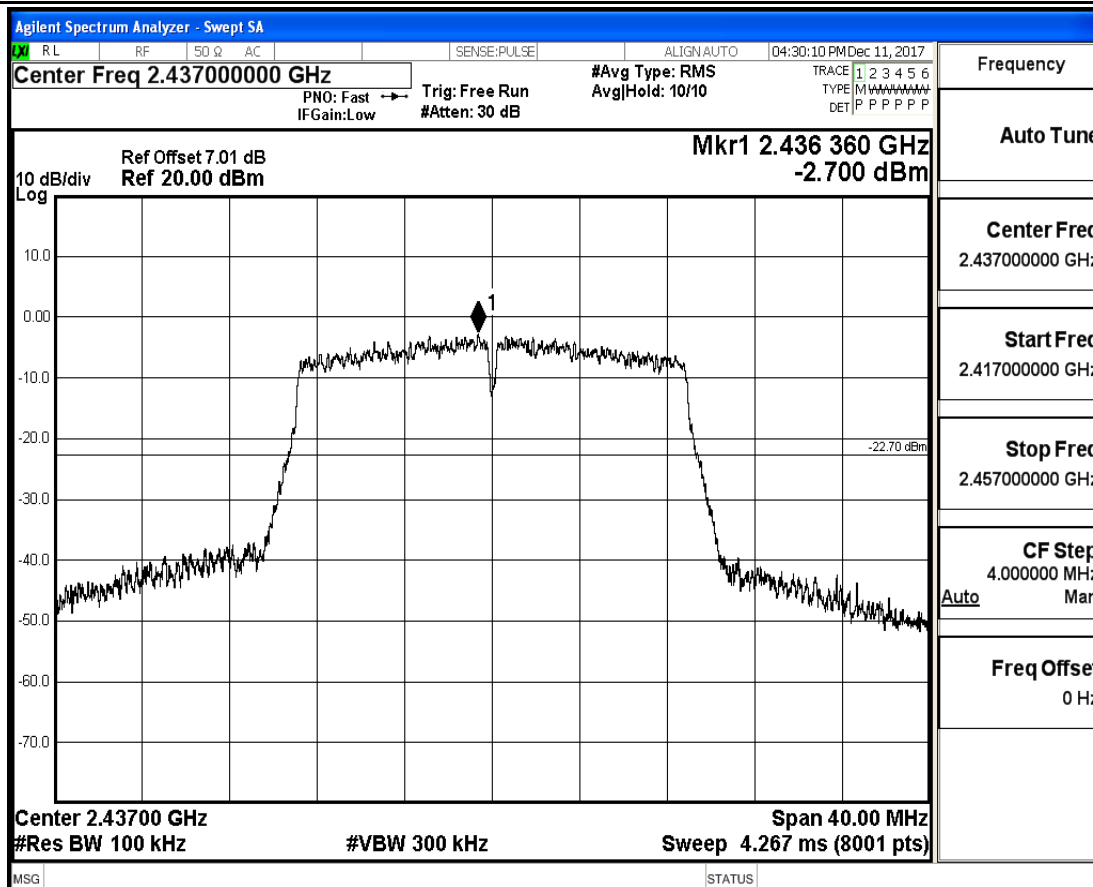
RF Conducted Spurious Emissions_11G_2462_Ant1



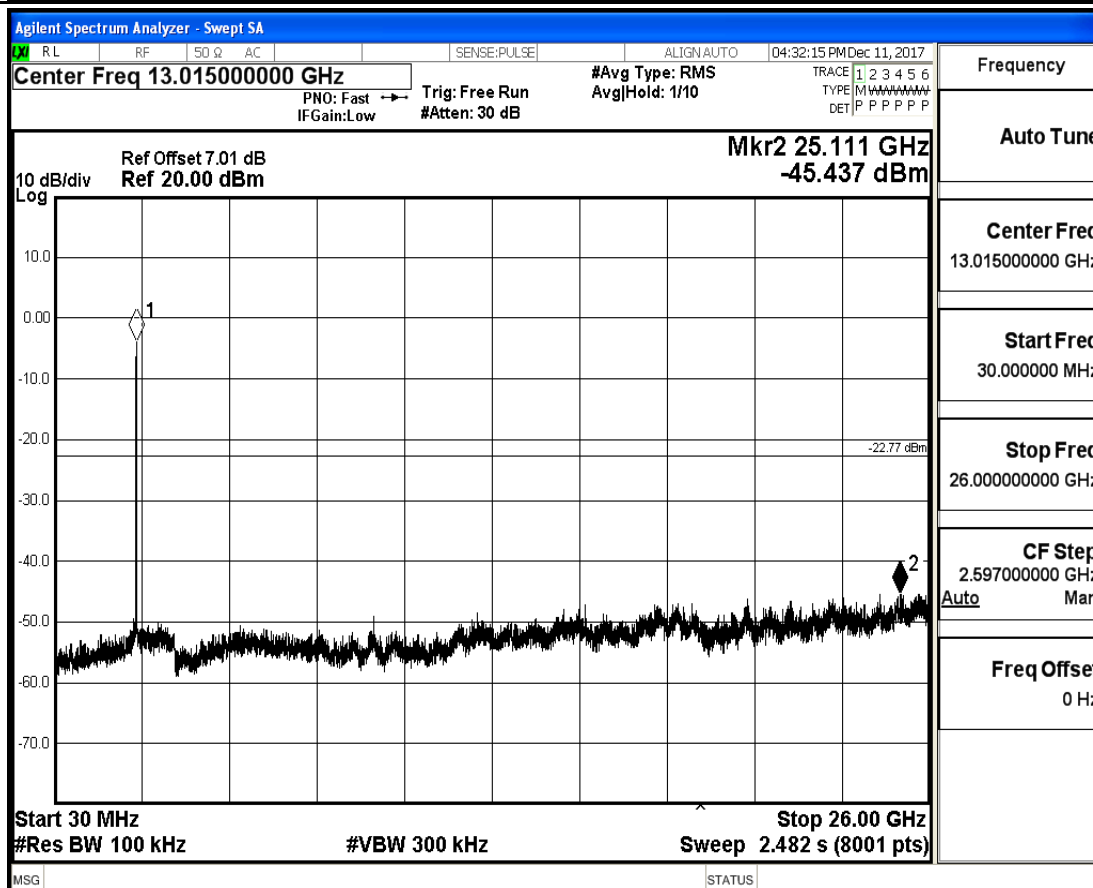
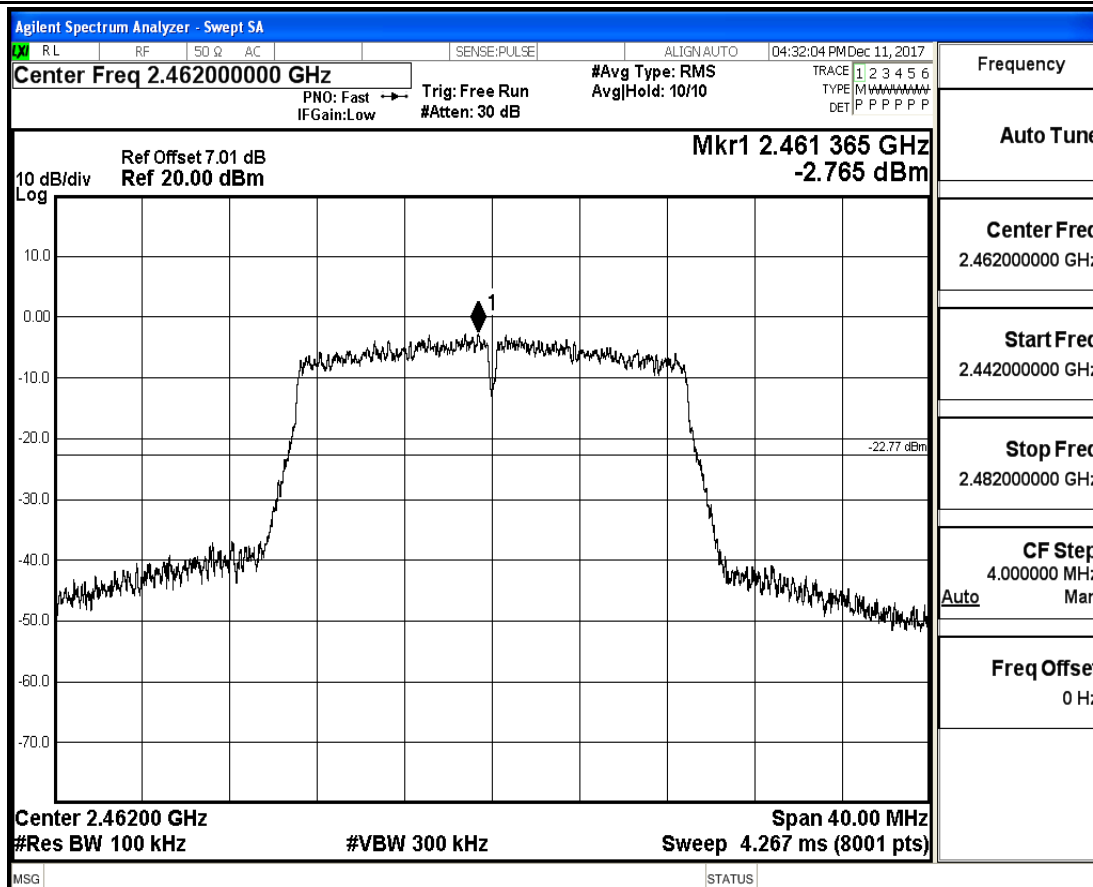
RF Conducted Spurious Emissions_11N20SISO_2412_Ant1



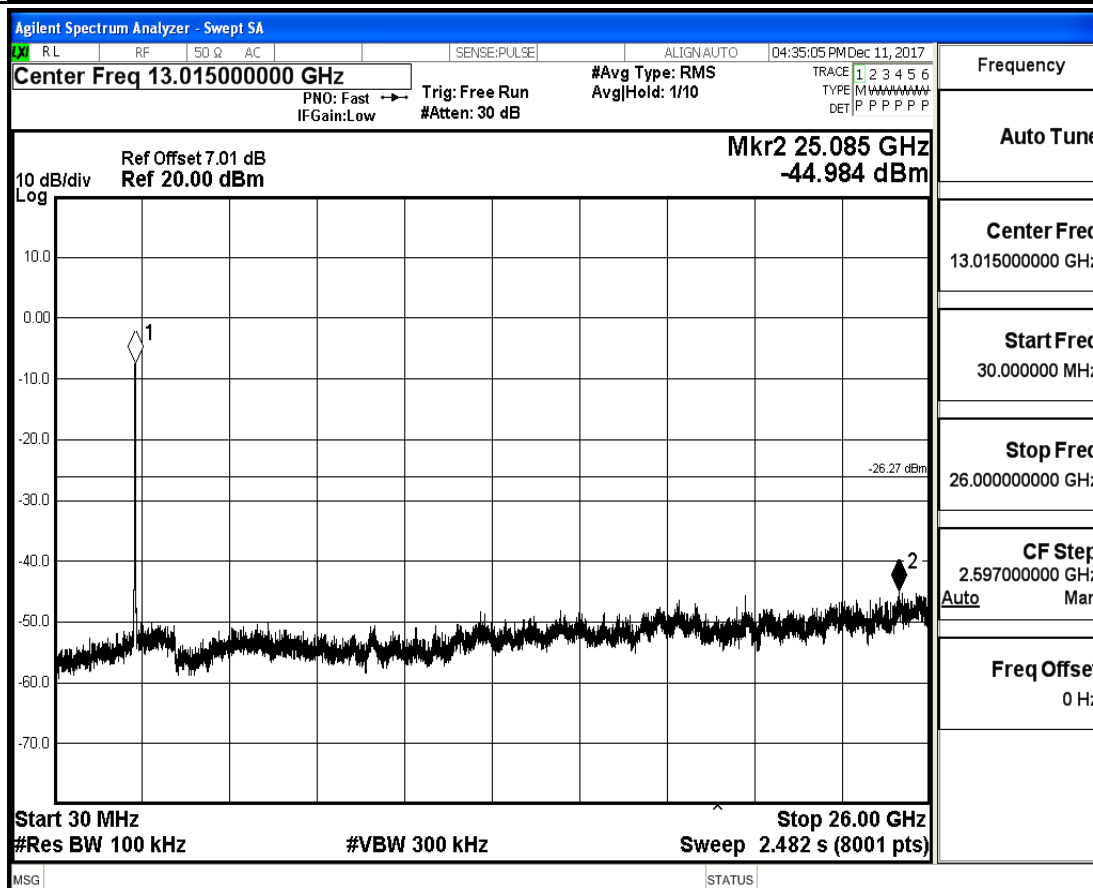
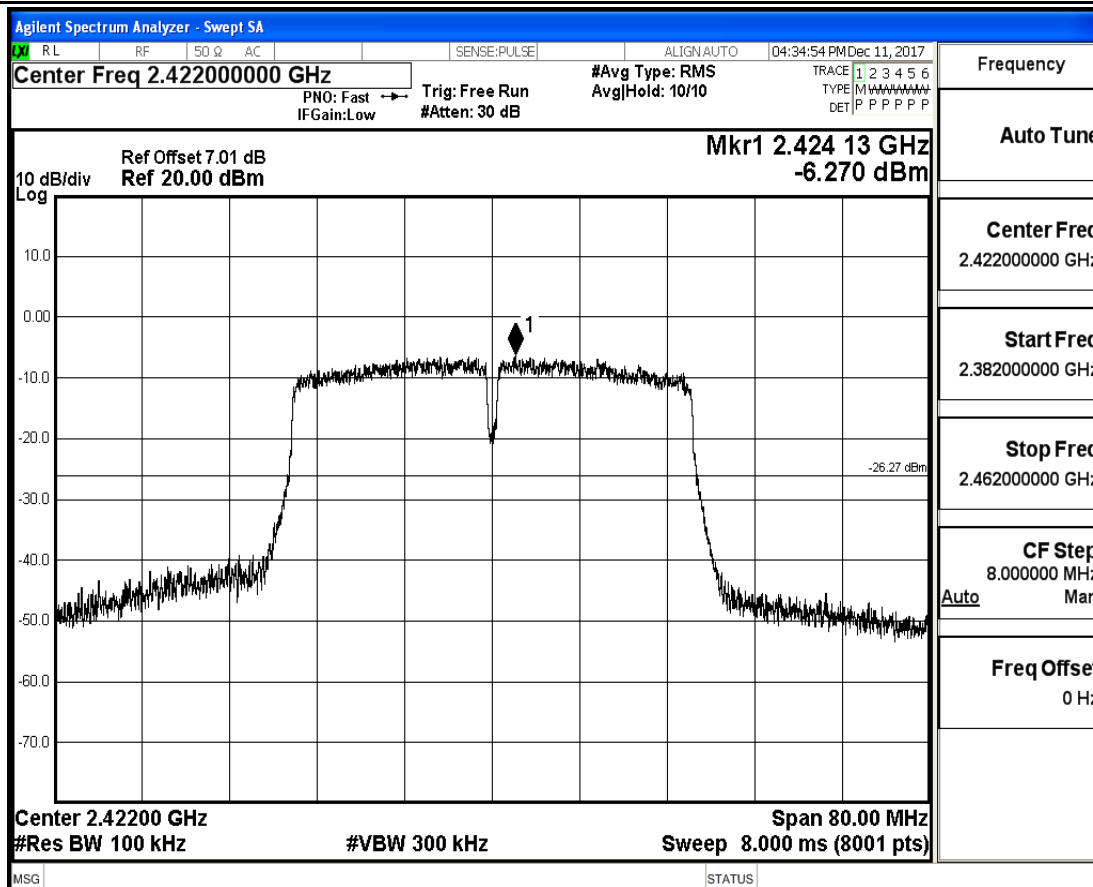
RF Conducted Spurious Emissions_11N20SISO_2437_Ant1



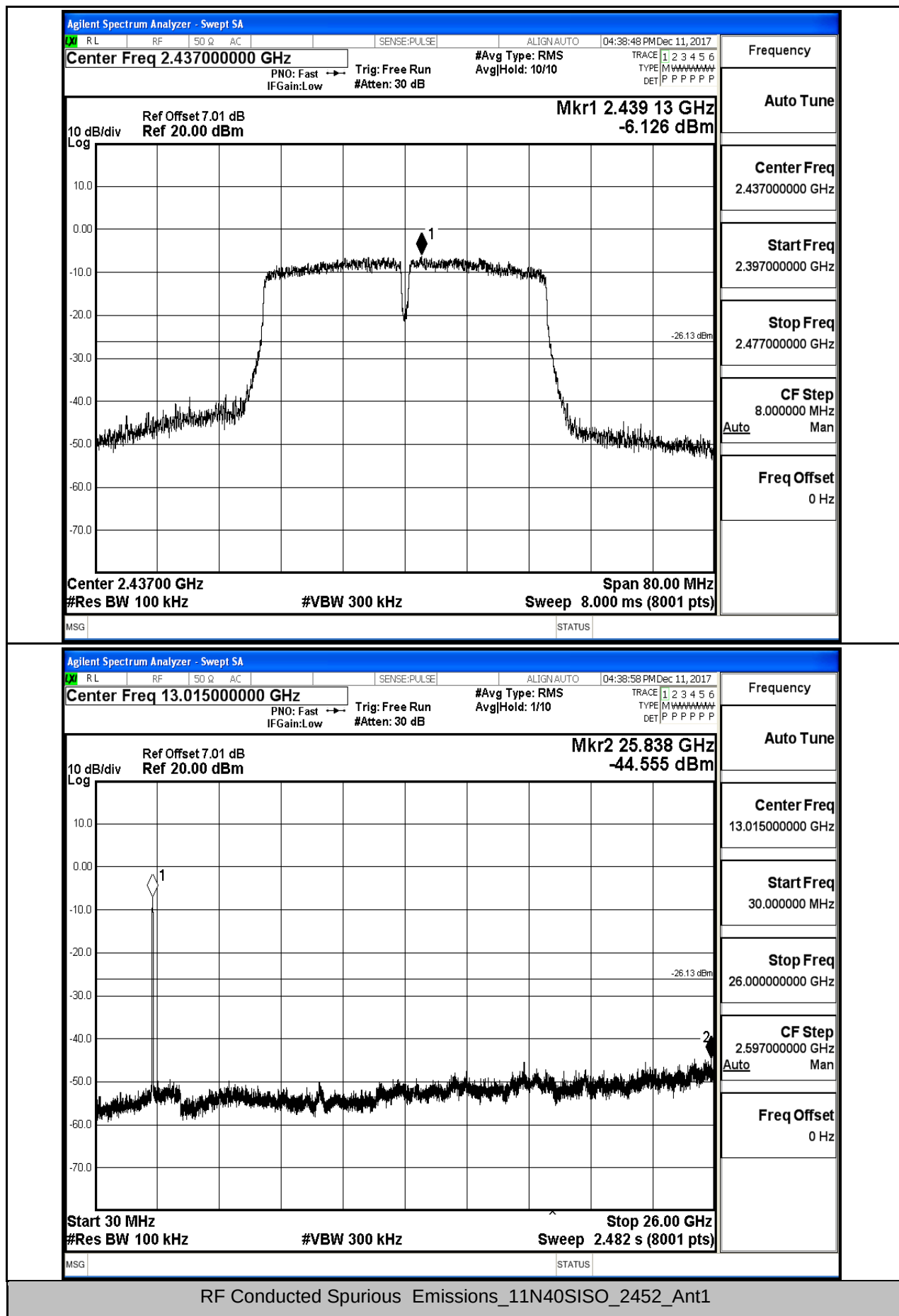
RF Conducted Spurious Emissions_11N20SISO_2462_Ant1

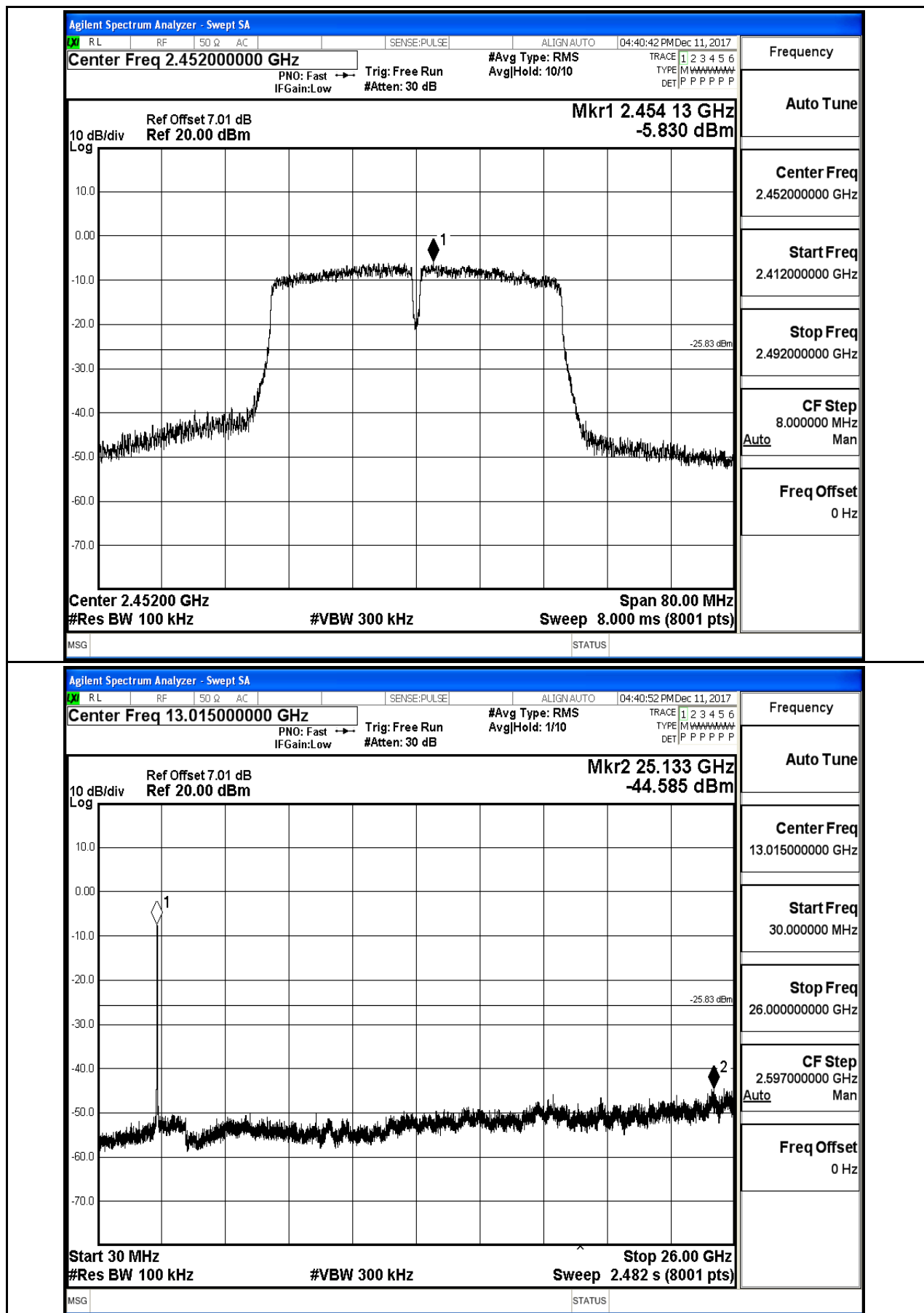


RF Conducted Spurious Emissions_11N40SISO_2422_Ant1



RF Conducted Spurious Emissions_11N40SISO_2437_Ant1

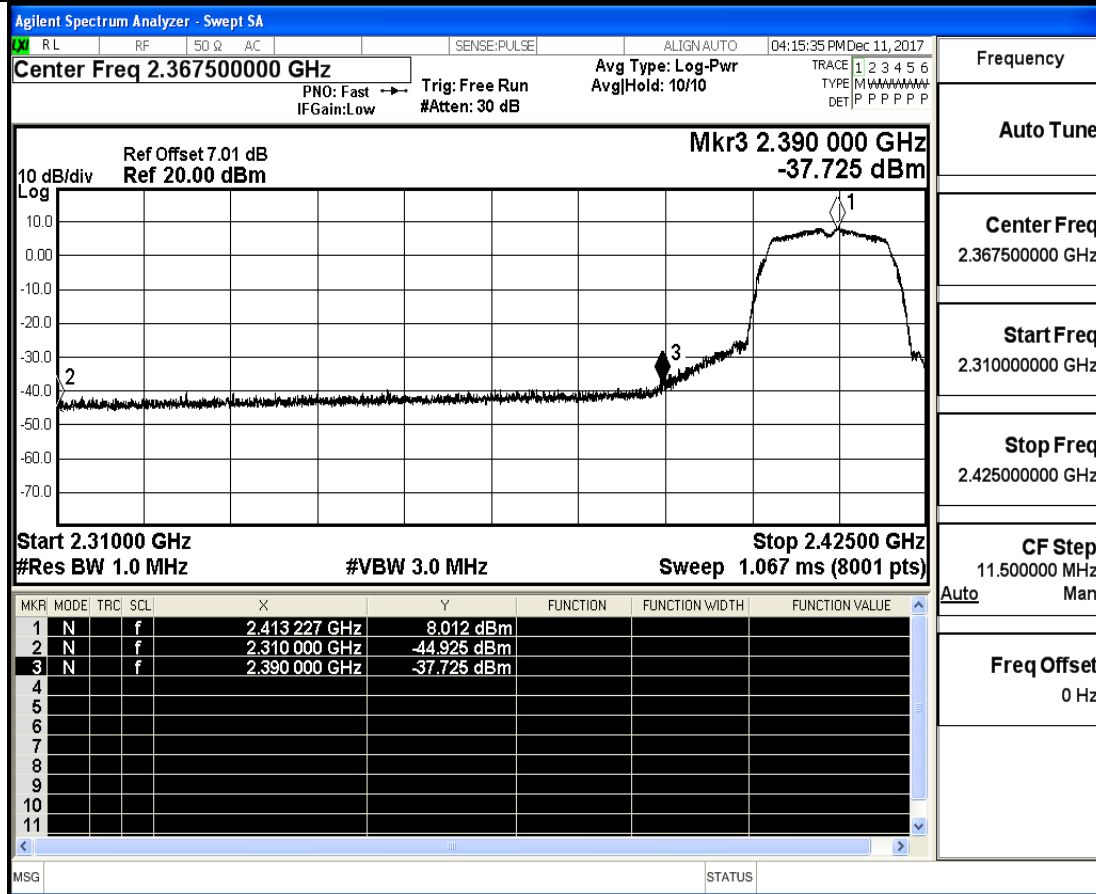




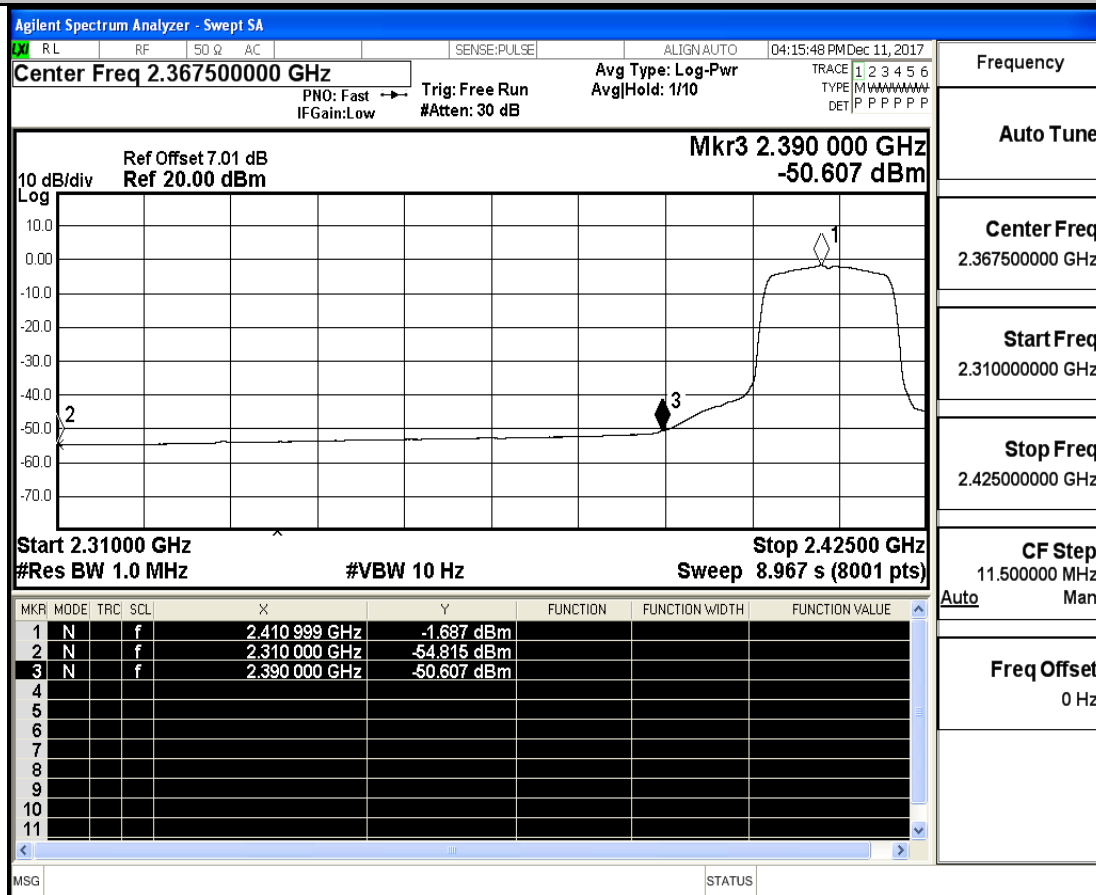
7.Restrict-band band-edge measurements

Test Mode	Test Channel	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
11B	2412	Ant1	2310.0	-43.97	2	0	53.29	PEAK	74	PASS
11B	2412	Ant1	2310.0	-54.98	2	0	42.28	AV	54	PASS
11B	2412	Ant1	2390.0	-41.49	2	0	55.77	PEAK	74	PASS
11B	2412	Ant1	2390.0	-53.06	2	0	44.19	AV	54	PASS
11B	2462	Ant1	2483.5	-43.77	2	0	53.49	PEAK	74	PASS
11B	2462	Ant1	2483.5	-52.90	2	0	44.36	AV	54	PASS
11B	2462	Ant1	2500.0	-42.16	2	0	55.10	PEAK	74	PASS
11B	2462	Ant1	2500.0	-53.72	2	0	43.54	AV	54	PASS
11G	2412	Ant1	2310.0	-44.93	2	0	52.33	PEAK	74	PASS
11G	2412	Ant1	2310.0	-54.82	2	0	42.44	AV	54	PASS
11G	2412	Ant1	2390.0	-37.73	2	0	59.53	PEAK	74	PASS
11G	2412	Ant1	2390.0	-50.61	2	0	46.65	AV	54	PASS
11G	2462	Ant1	2483.5	-40.96	2	0	56.30	PEAK	74	PASS
11G	2462	Ant1	2483.5	-51.65	2	0	45.61	AV	54	PASS
11G	2462	Ant1	2500.0	-40.66	2	0	56.60	PEAK	74	PASS
11G	2462	Ant1	2500.0	-52.76	2	0	44.50	AV	54	PASS
11N20SISO	2412	Ant1	2310.0	-44.76	2	0	52.50	PEAK	74	PASS
11N20SISO	2412	Ant1	2310.0	-54.95	2	0	42.31	AV	54	PASS
11N20SISO	2412	Ant1	2390.0	-37.22	2	0	60.04	PEAK	74	PASS
11N20SISO	2412	Ant1	2390.0	-50.45	2	0	46.81	AV	54	PASS
11N20SISO	2462	Ant1	2483.5	-38.75	2	0	58.51	PEAK	74	PASS
11N20SISO	2462	Ant1	2483.5	-51.38	2	0	45.88	AV	54	PASS
11N20SISO	2462	Ant1	2500.0	-42.37	2	0	54.89	PEAK	74	PASS
11N20SISO	2462	Ant1	2500.0	-52.70	2	0	44.56	AV	54	PASS
11N40SISO	2422	Ant1	2310.0	-45.22	2	0	52.04	PEAK	74	PASS
11N40SISO	2422	Ant1	2310.0	-54.99	2	0	42.27	AV	54	PASS
11N40SISO	2422	Ant1	2390.0	-34.58	2	0	62.68	PEAK	74	PASS
11N40SISO	2422	Ant1	2390.0	-46.32	2	0	50.94	AV	54	PASS
11N40SISO	2452	Ant1	2483.5	-37.71	2	0	59.55	PEAK	74	PASS
11N40SISO	2452	Ant1	2483.5	-49.38	2	0	47.88	AV	54	PASS
11N40SISO	2452	Ant1	2500.0	-41.12	2	0	56.14	PEAK	74	PASS
11N40SISO	2452	Ant1	2500.0	-52.40	2	0	44.86	AV	54	PASS

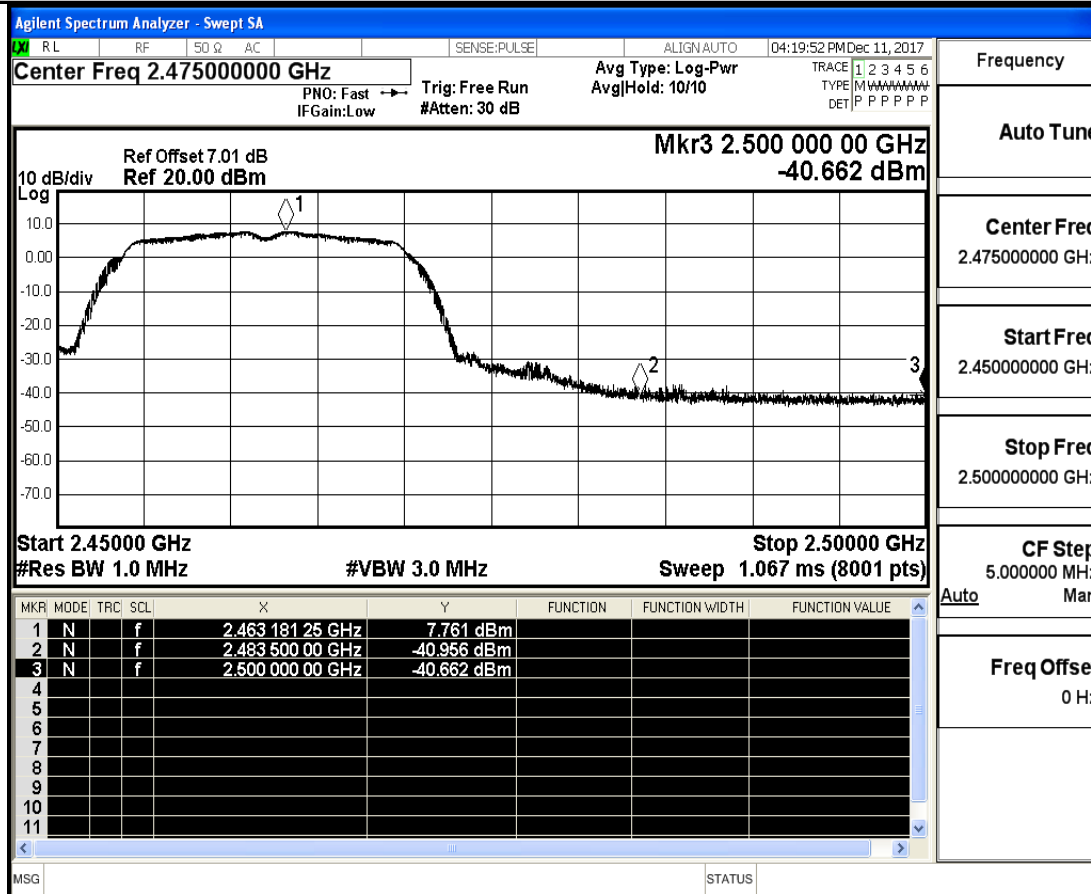
Restrict-band band-edge measurements_11G_2412_Ant1_PEAK



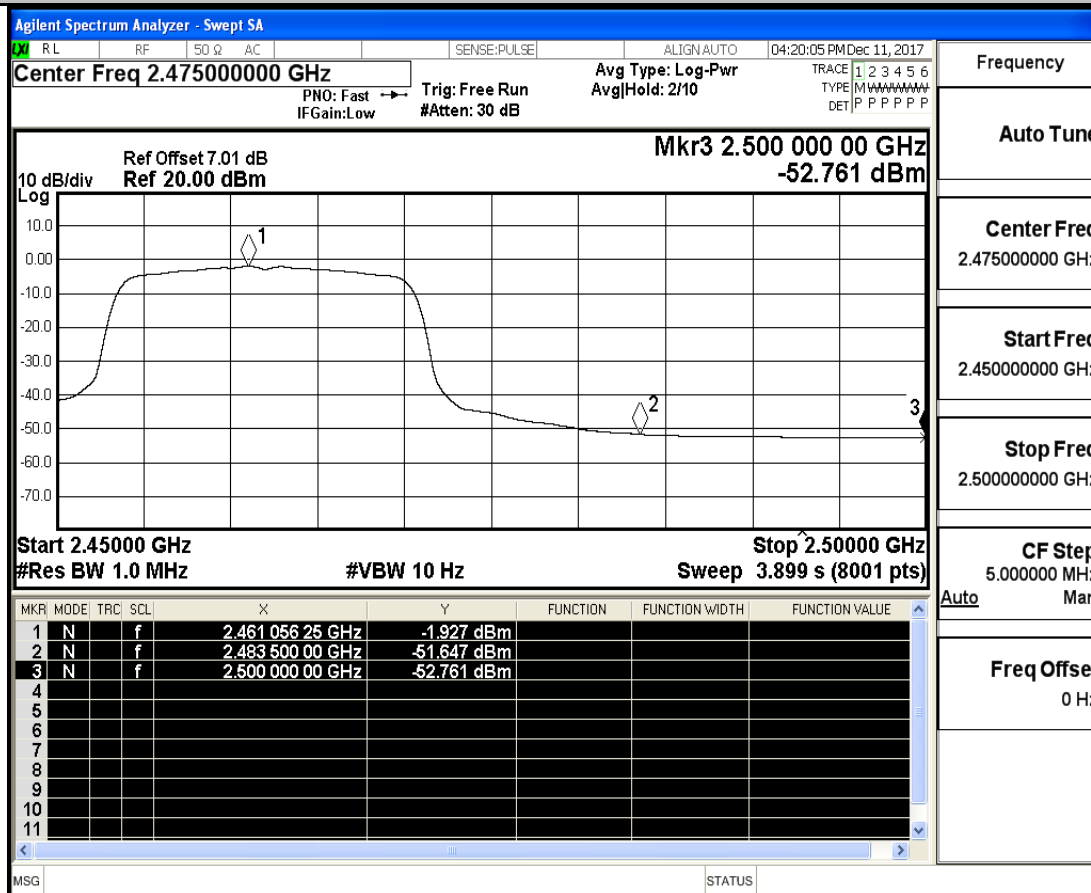
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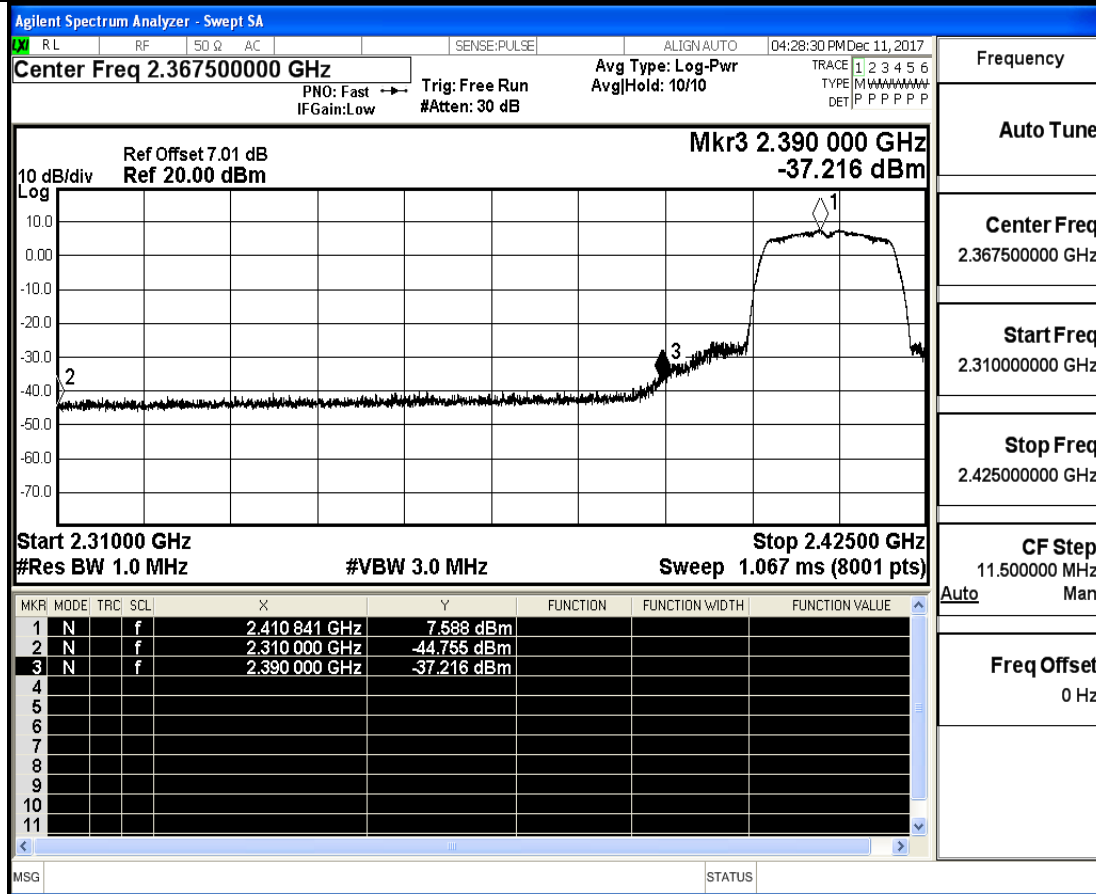
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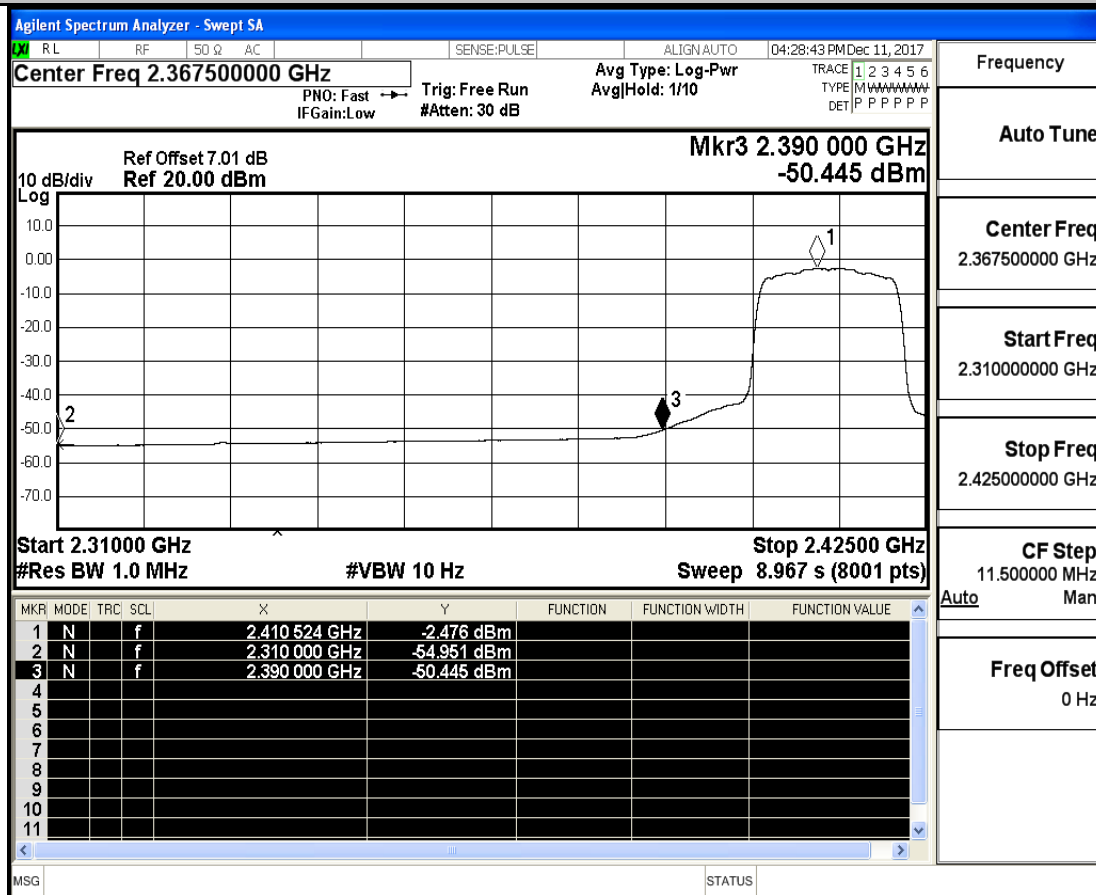
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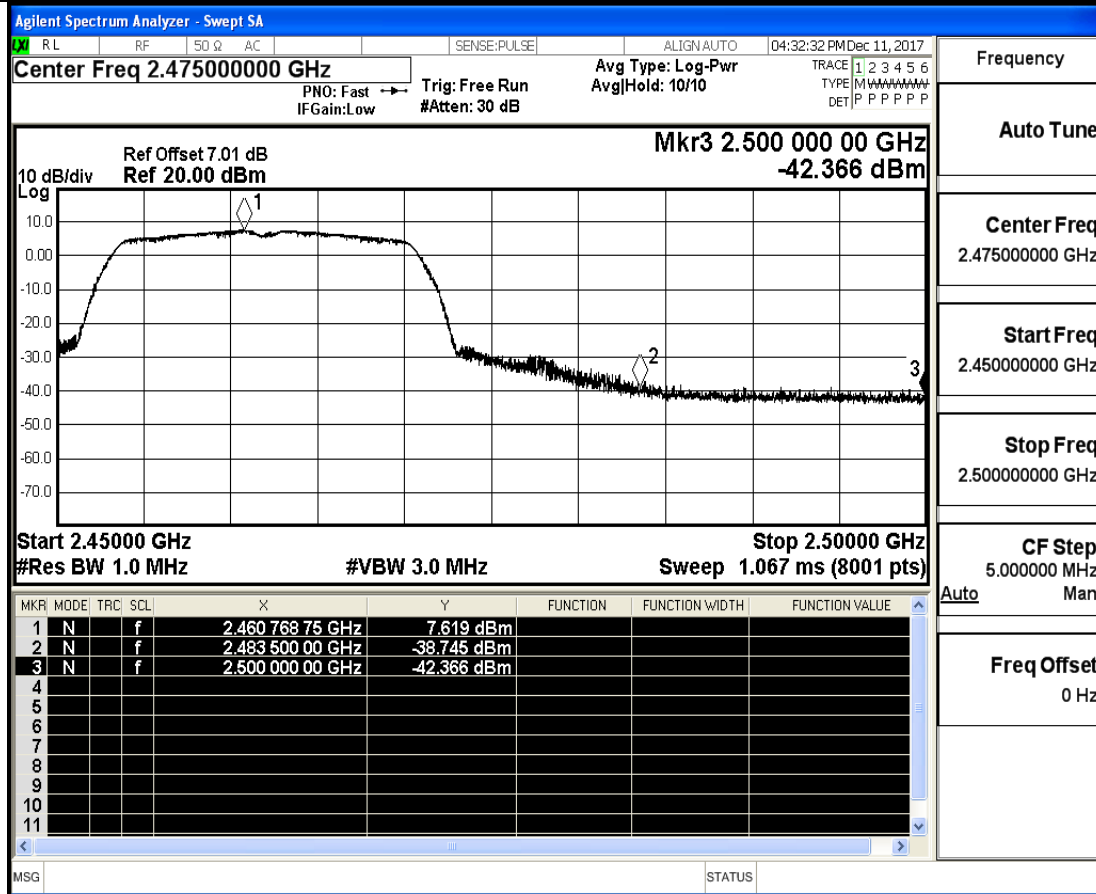
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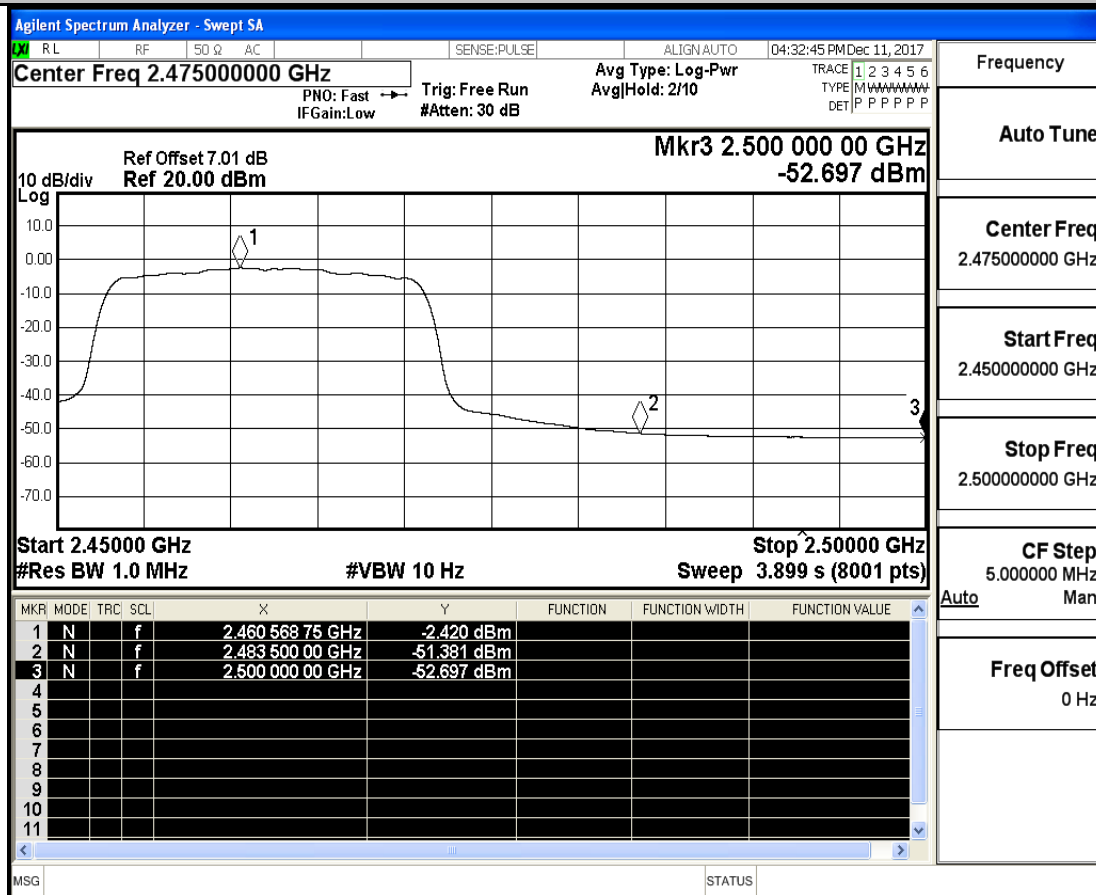
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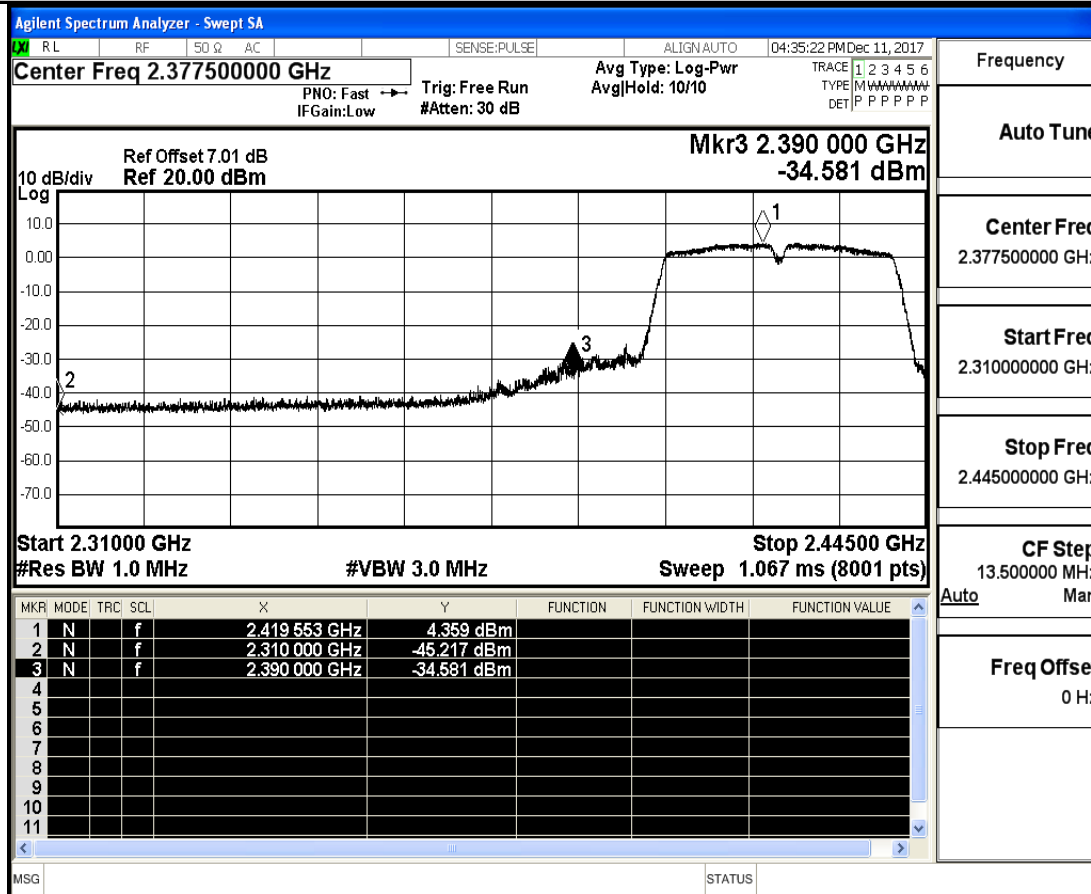
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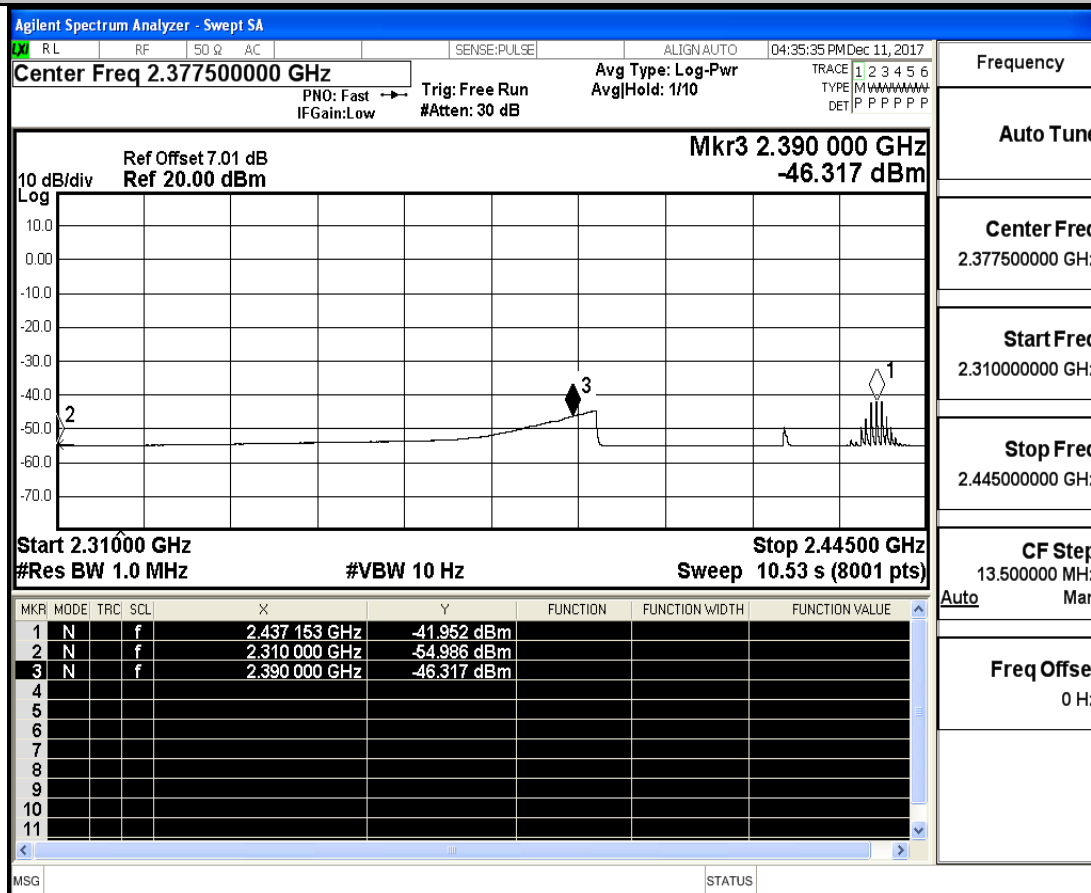
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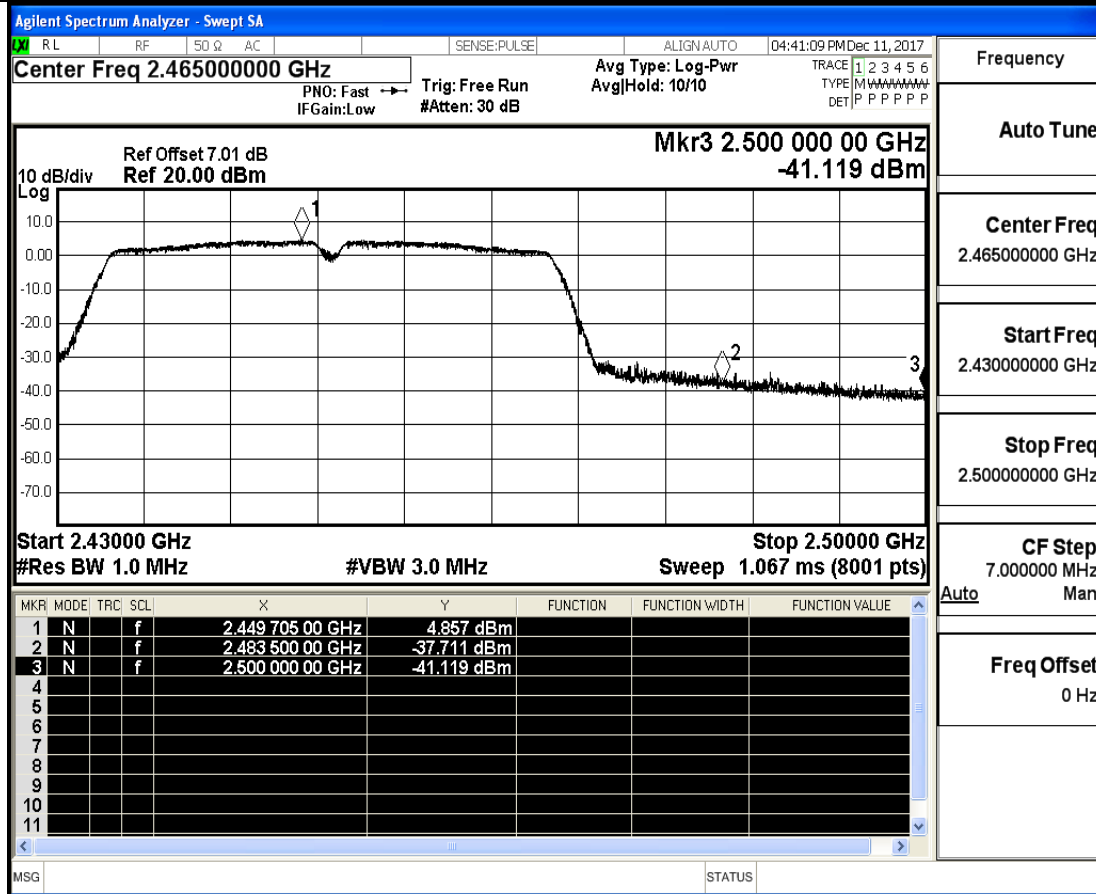
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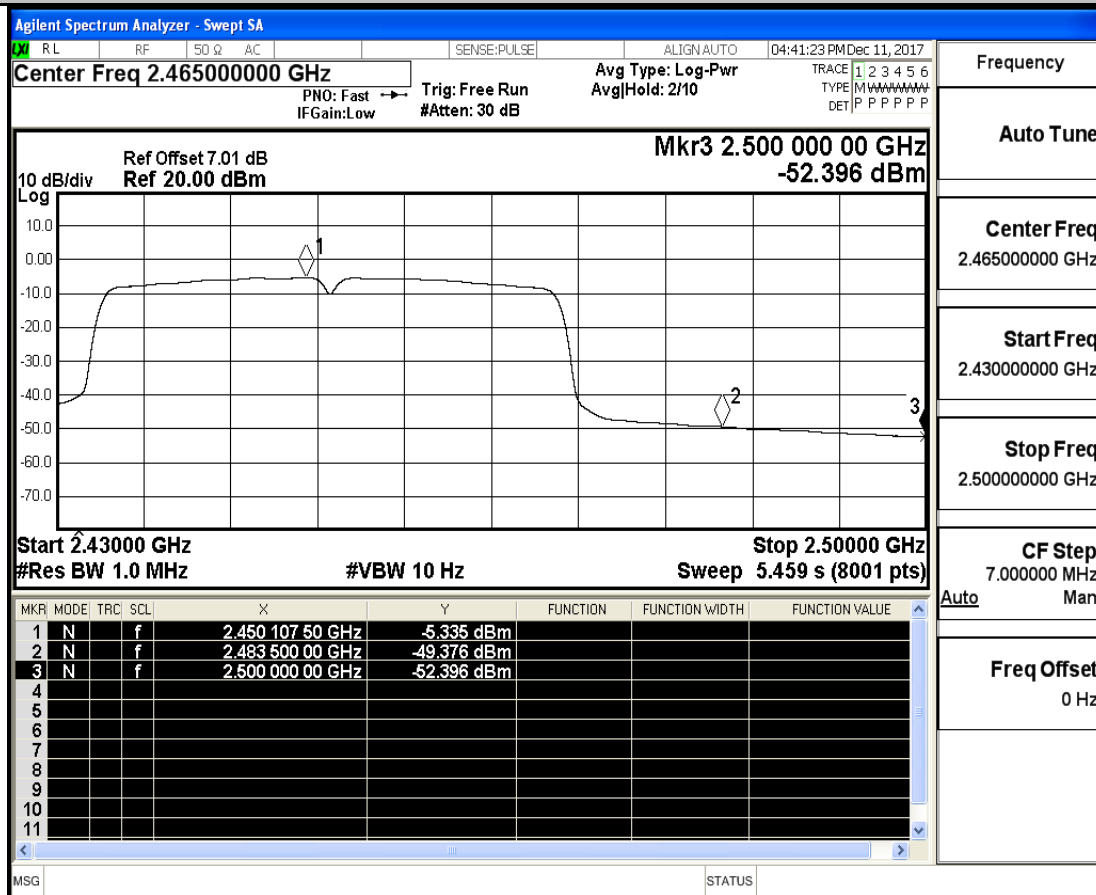
Restrict-band band-edge measurements_11N40SISO_2422_Ant1_AV



Restrict-band band-edge measurements_11N40SISO_2452_Ant1_PEAK



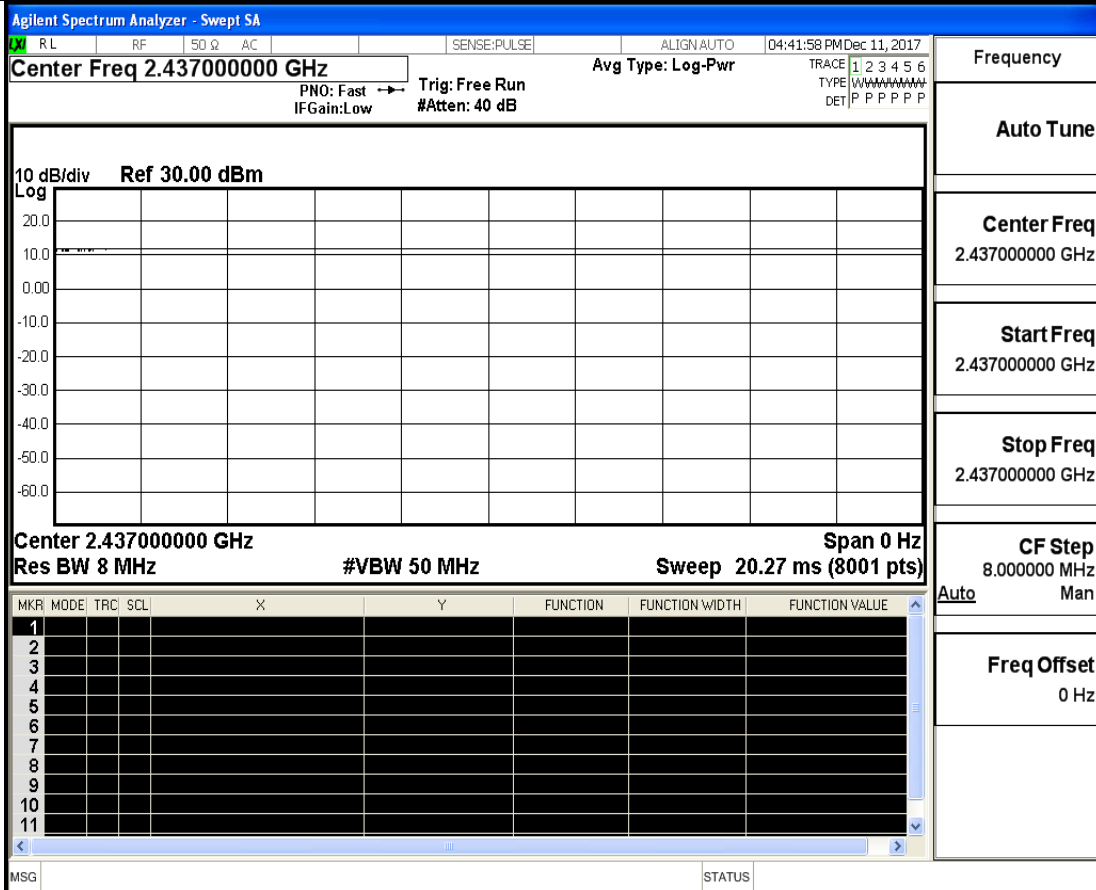
Restrict-band band-edge measurements_11N40SISO_2452_Ant1_AV



8.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

