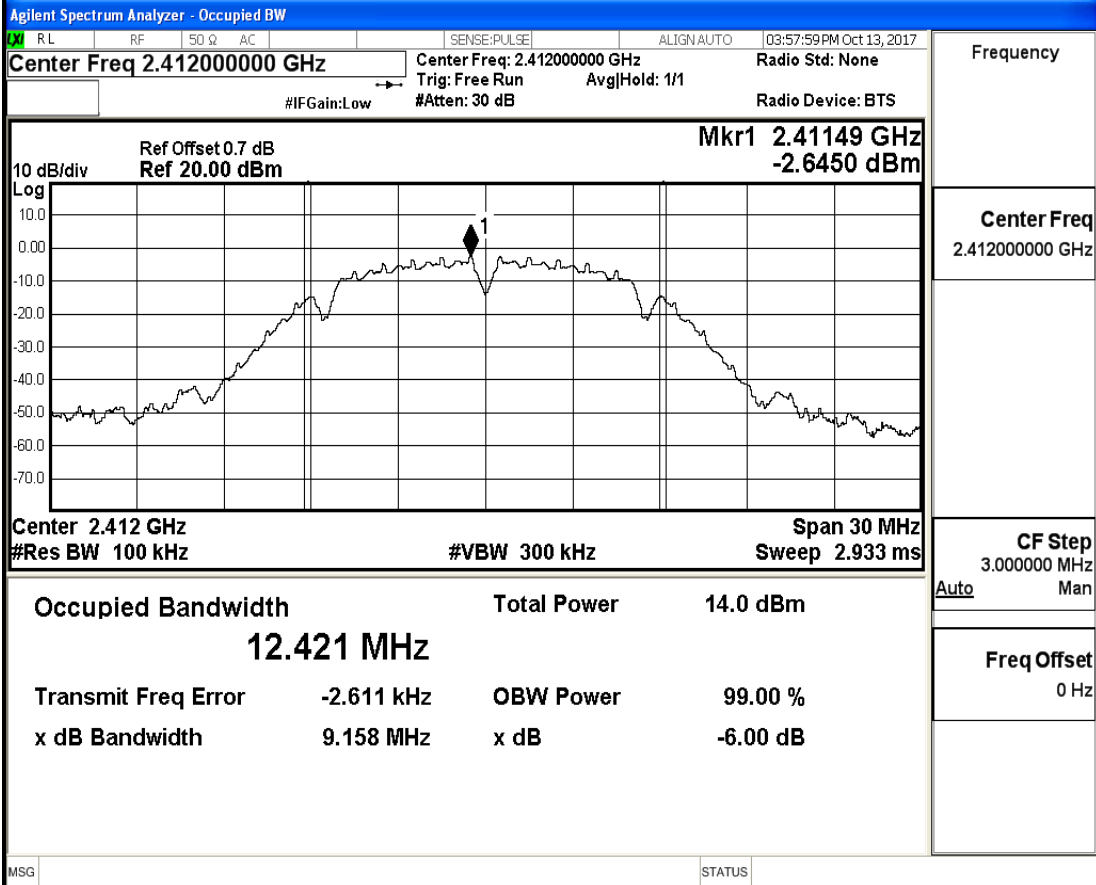


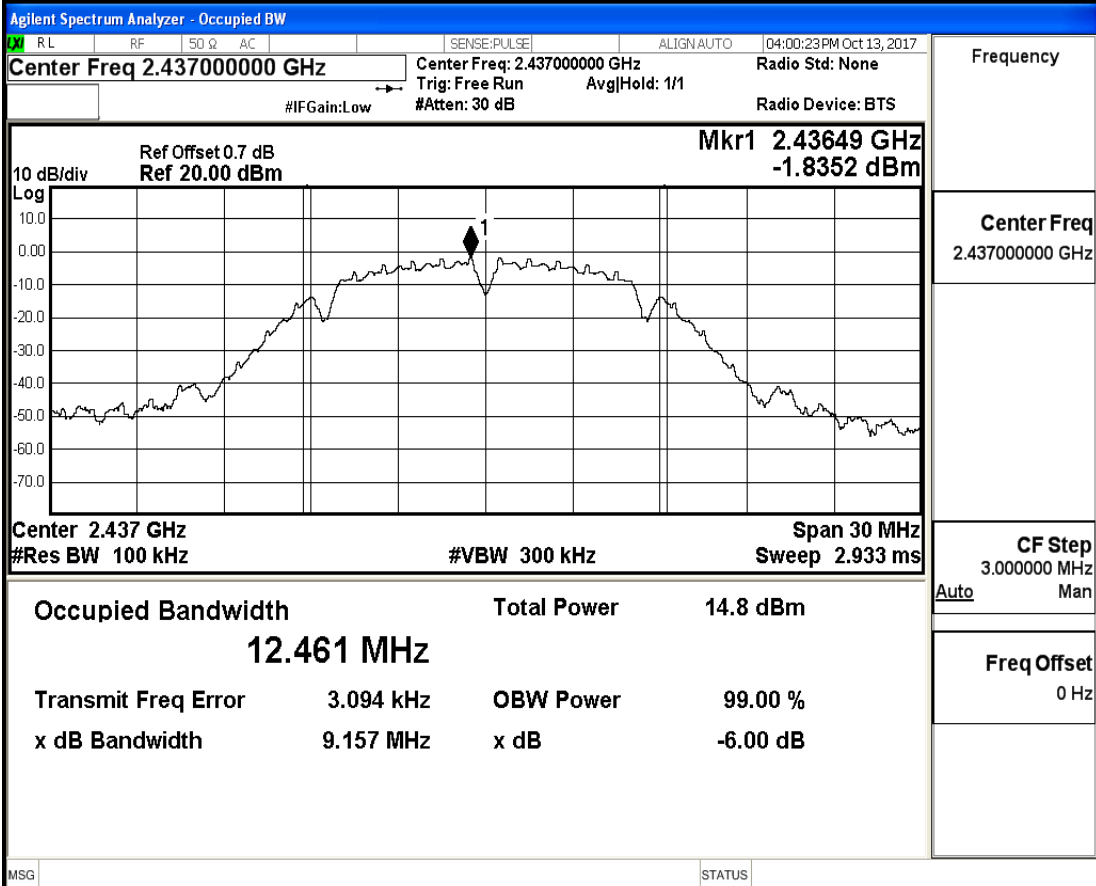
1.6dB Bandwidth

Test Mode	Test Channel	Ant	EBW[MHz]	Limit	Verdict
11B	2412	Ant1	9.158	0.5	PASS
11B	2437	Ant1	9.157	0.5	PASS
11B	2462	Ant1	9.158	0.5	PASS
11G	2412	Ant1	15.15	0.5	PASS
11G	2437	Ant1	16.41	0.5	PASS
11G	2462	Ant1	16.42	0.5	PASS
11N20SISO	2412	Ant1	17.62	0.5	PASS
11N20SISO	2437	Ant1	17.62	0.5	PASS
11N20SISO	2462	Ant1	17.62	0.5	PASS
11N40SISO	2422	Ant1	36.38	0.5	PASS
11N40SISO	2437	Ant1	36.39	0.5	PASS
11N40SISO	2452	Ant1	36.38	0.5	PASS

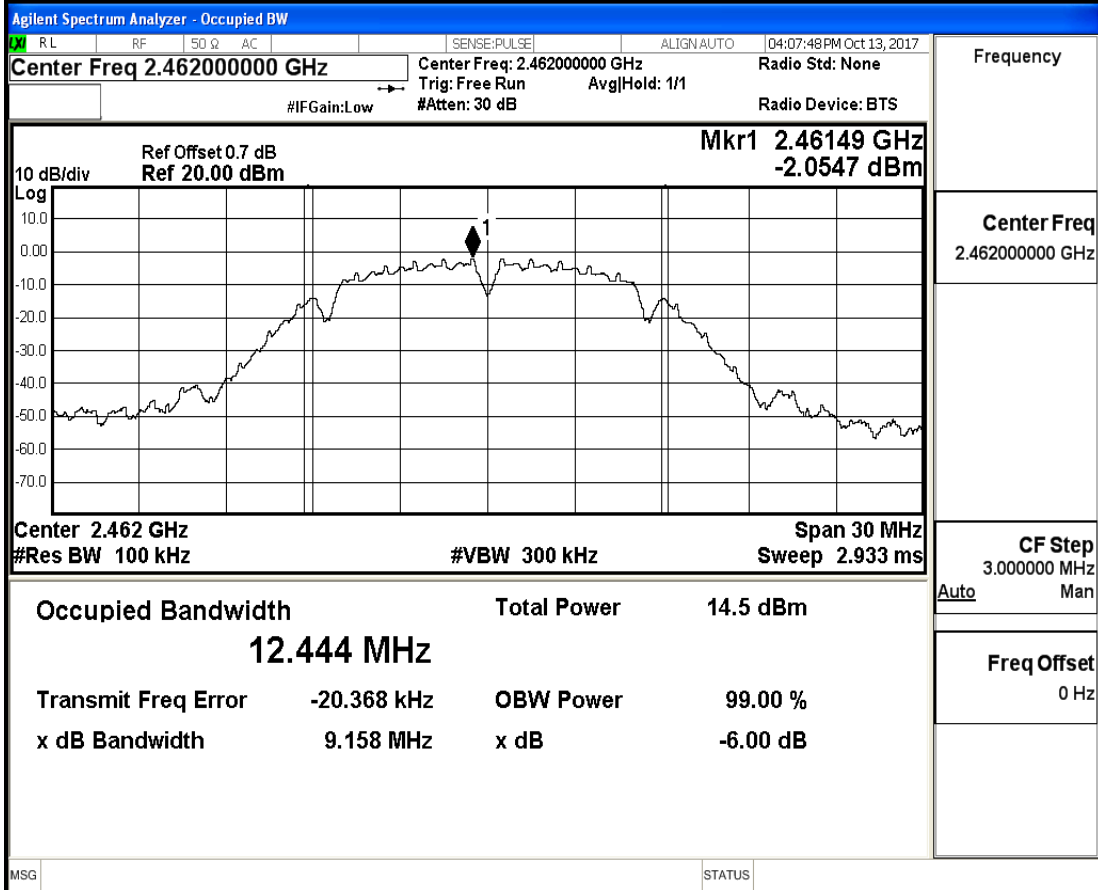
6dB Bandwidth_11B_2412_Ant1



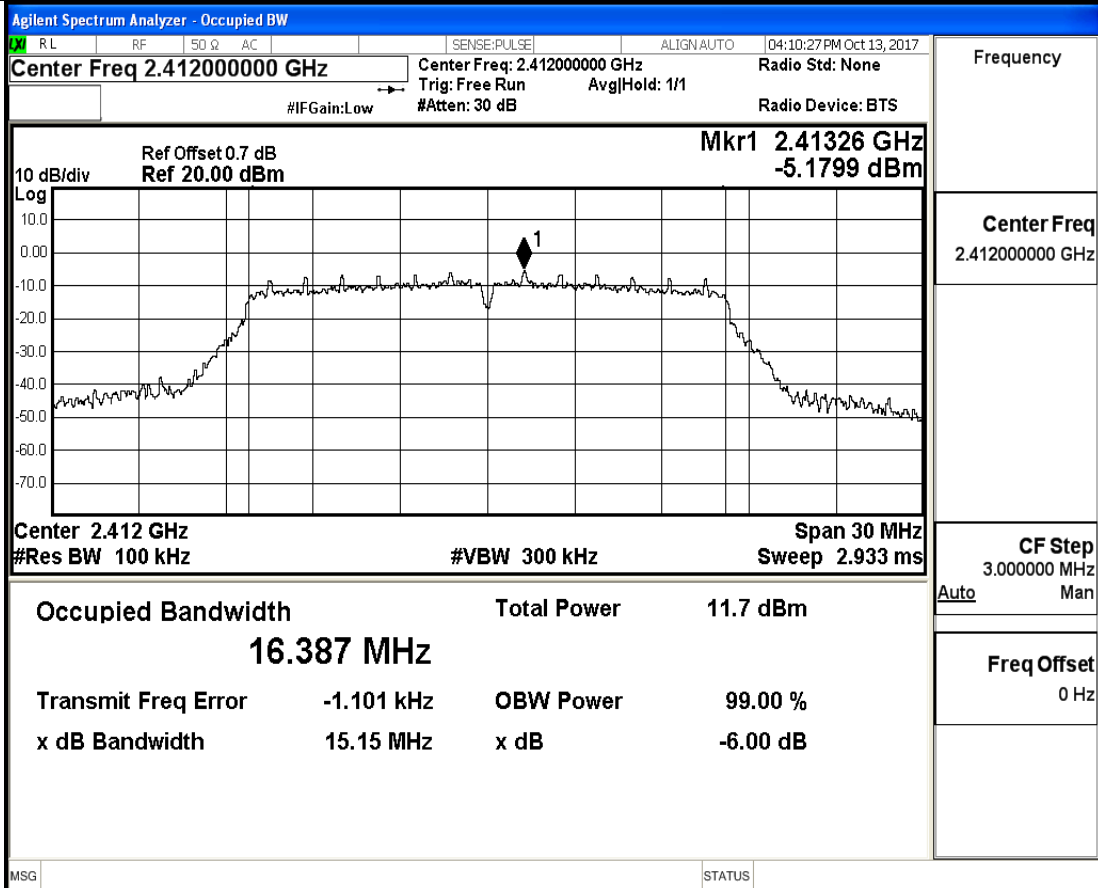
6dB Bandwidth_11B_2437_Ant1



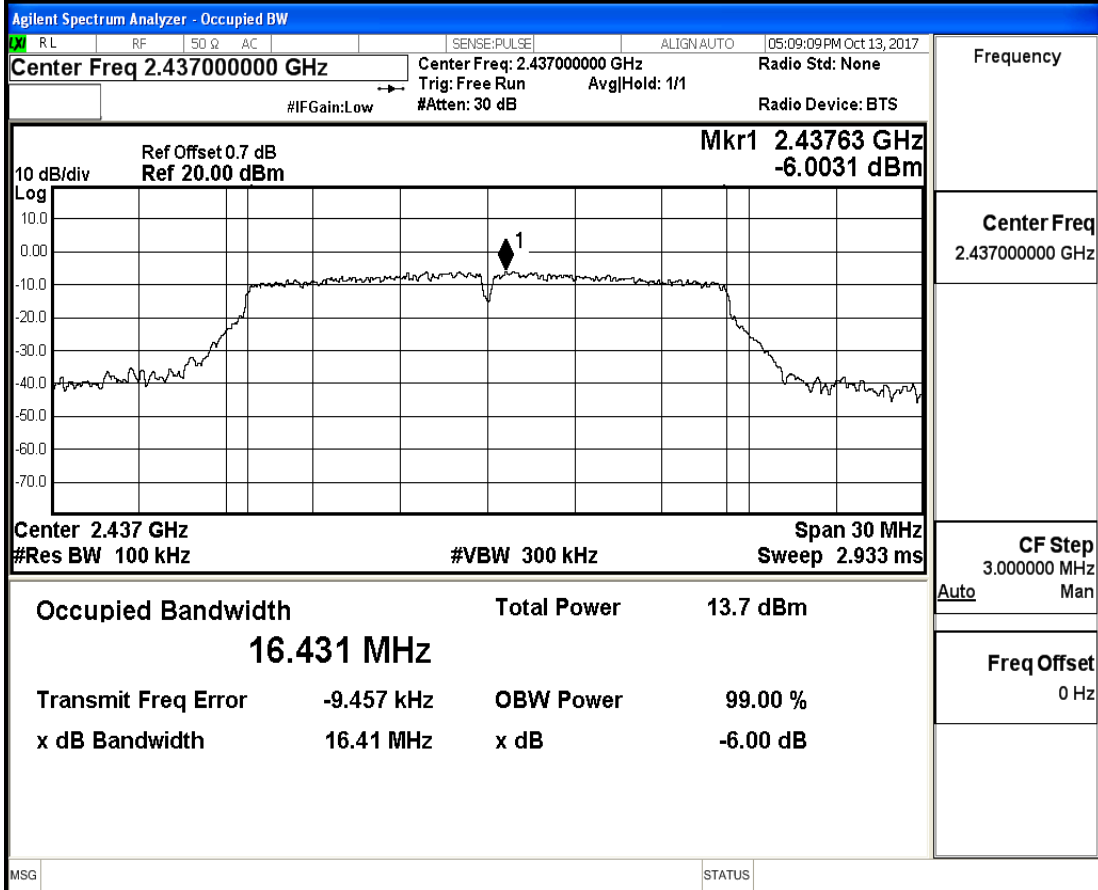
6dB Bandwidth_11B_2462_Ant1



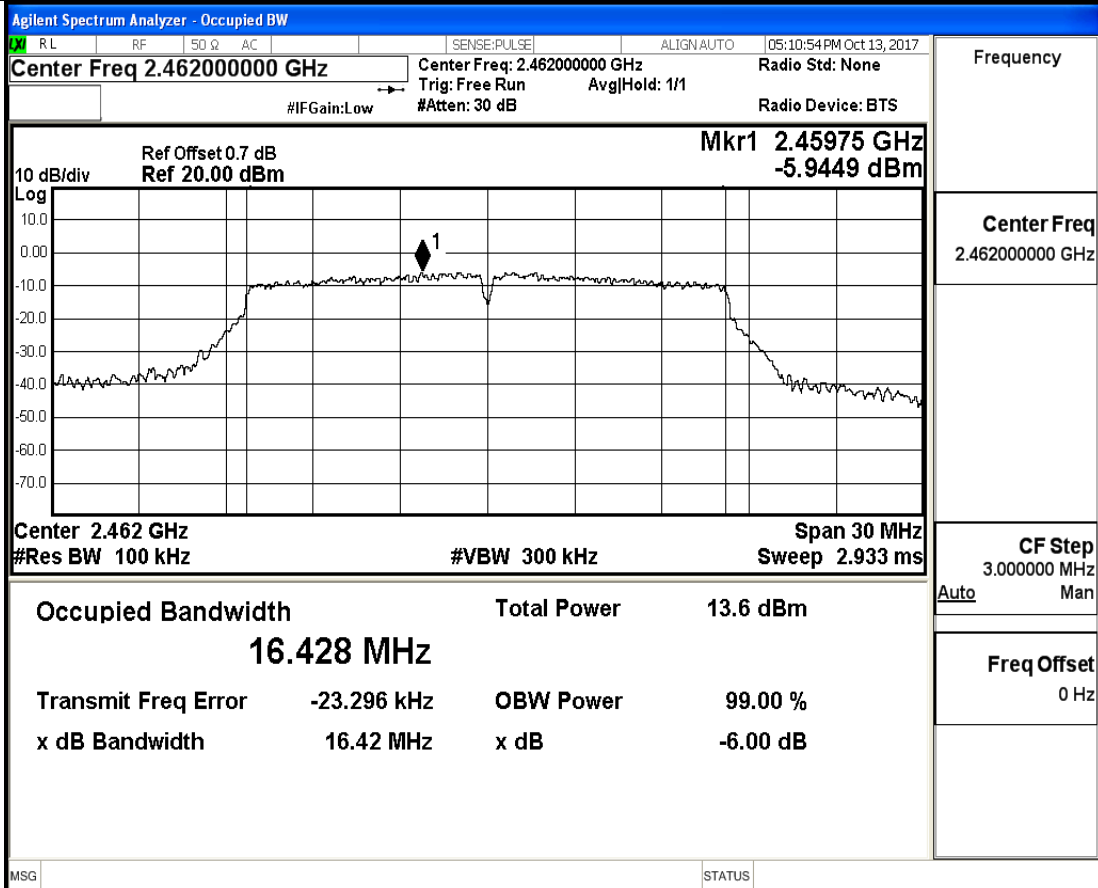
6dB Bandwidth_11G_2412_Ant1



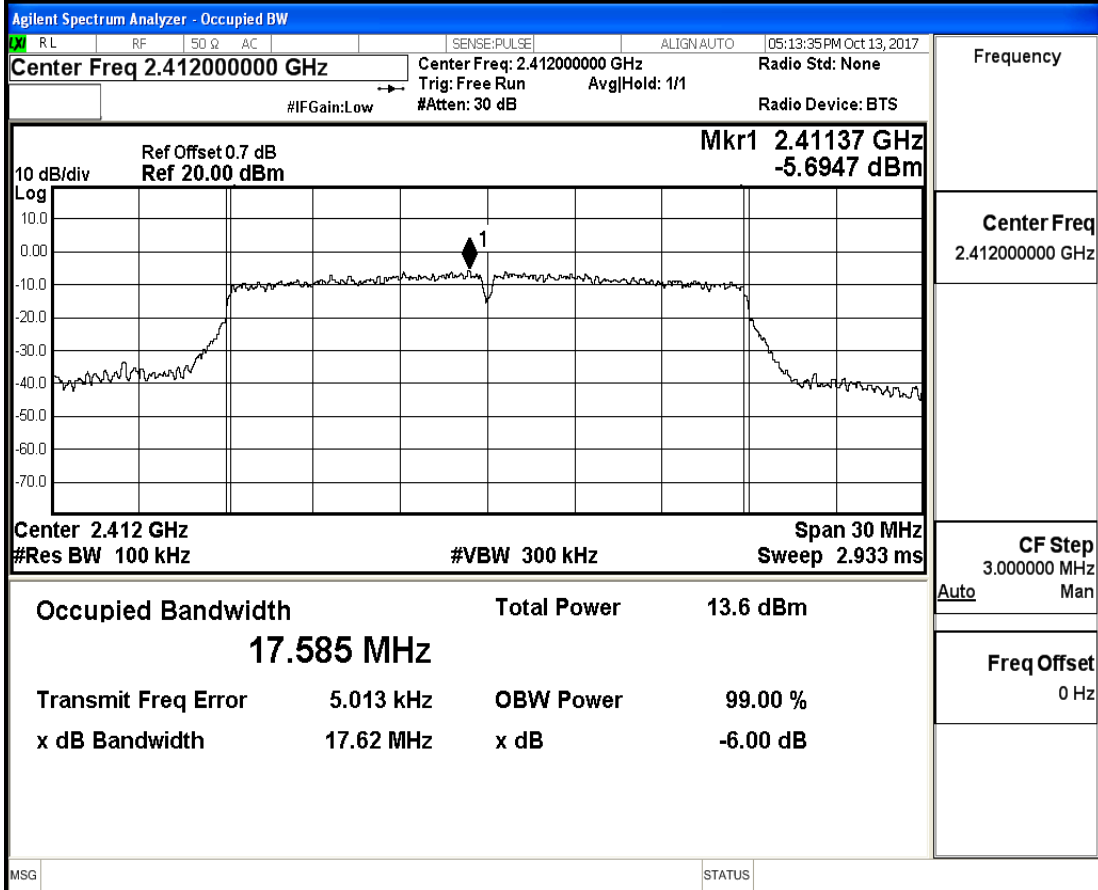
6dB Bandwidth_11G_2437_Ant1



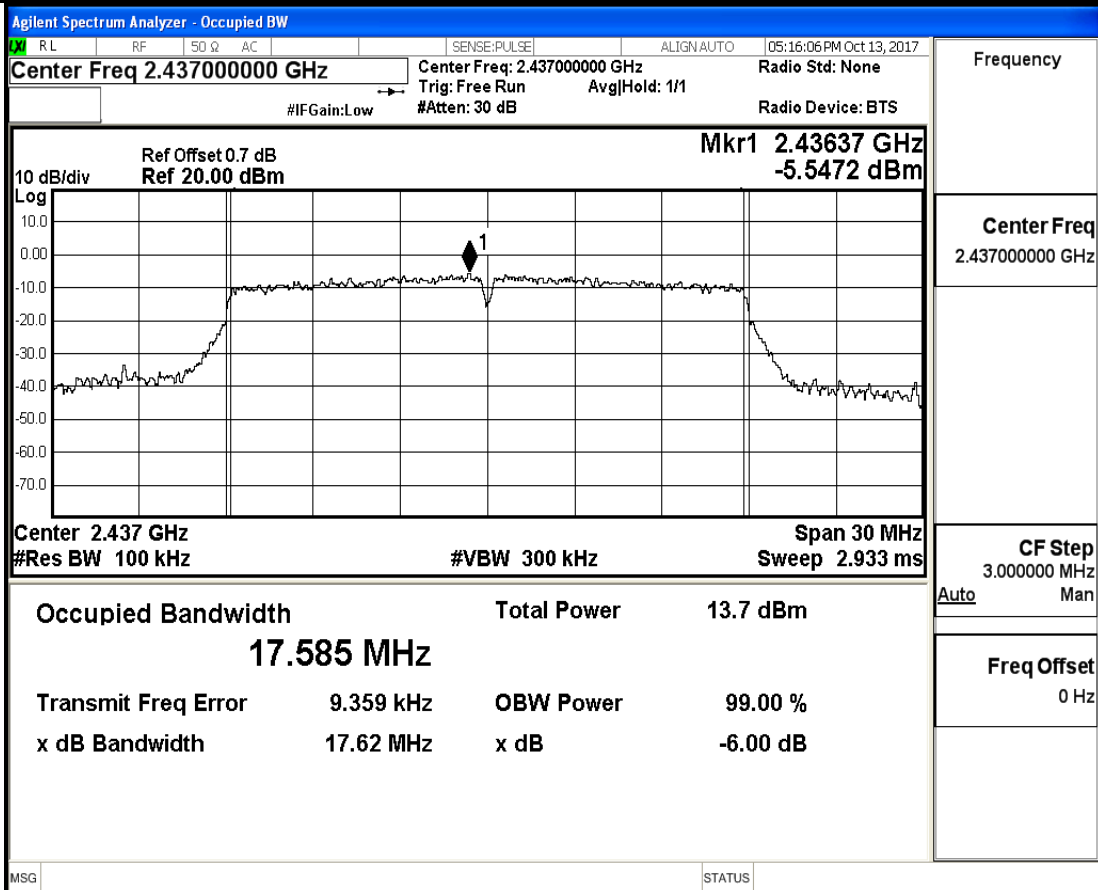
6dB Bandwidth_11G_2462_Ant1



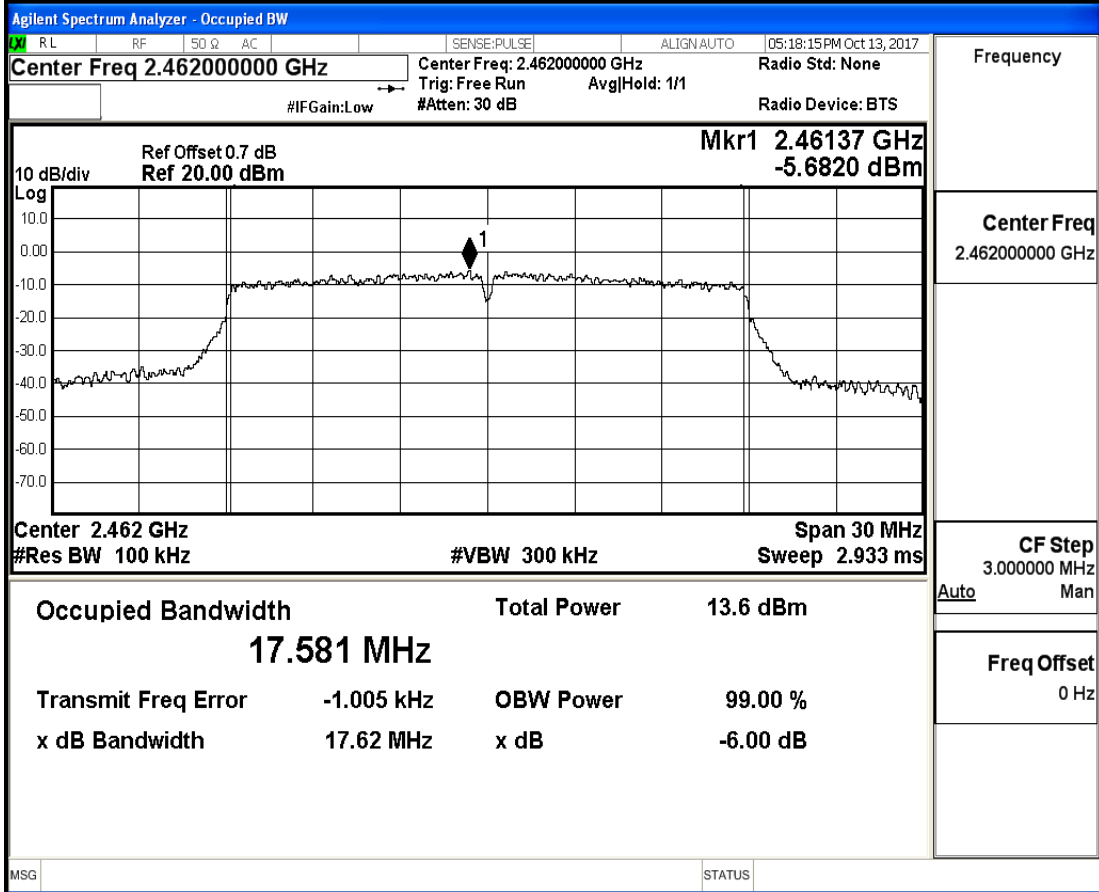
6dB Bandwidth_11N20SISO_2412_Ant1



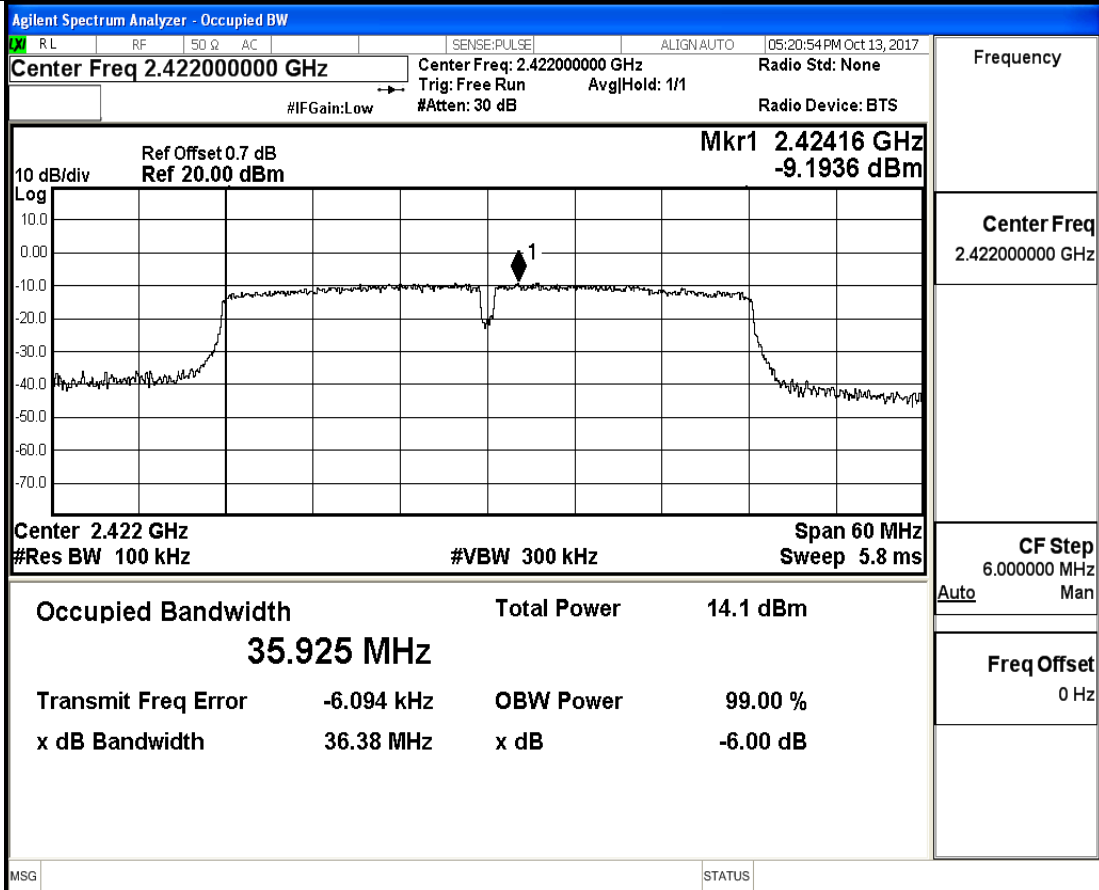
6dB Bandwidth_11N20SISO_2437_Ant1



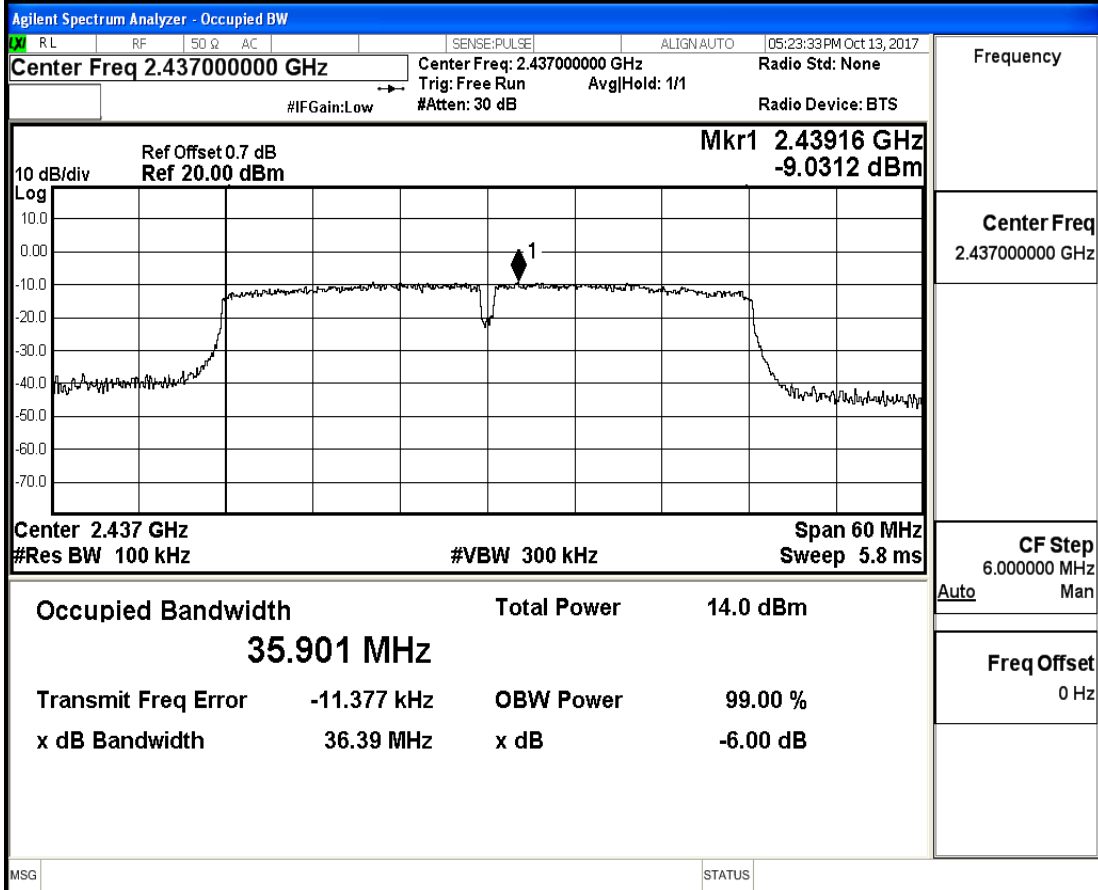
6dB Bandwidth_11N20SISO_2462_Ant1



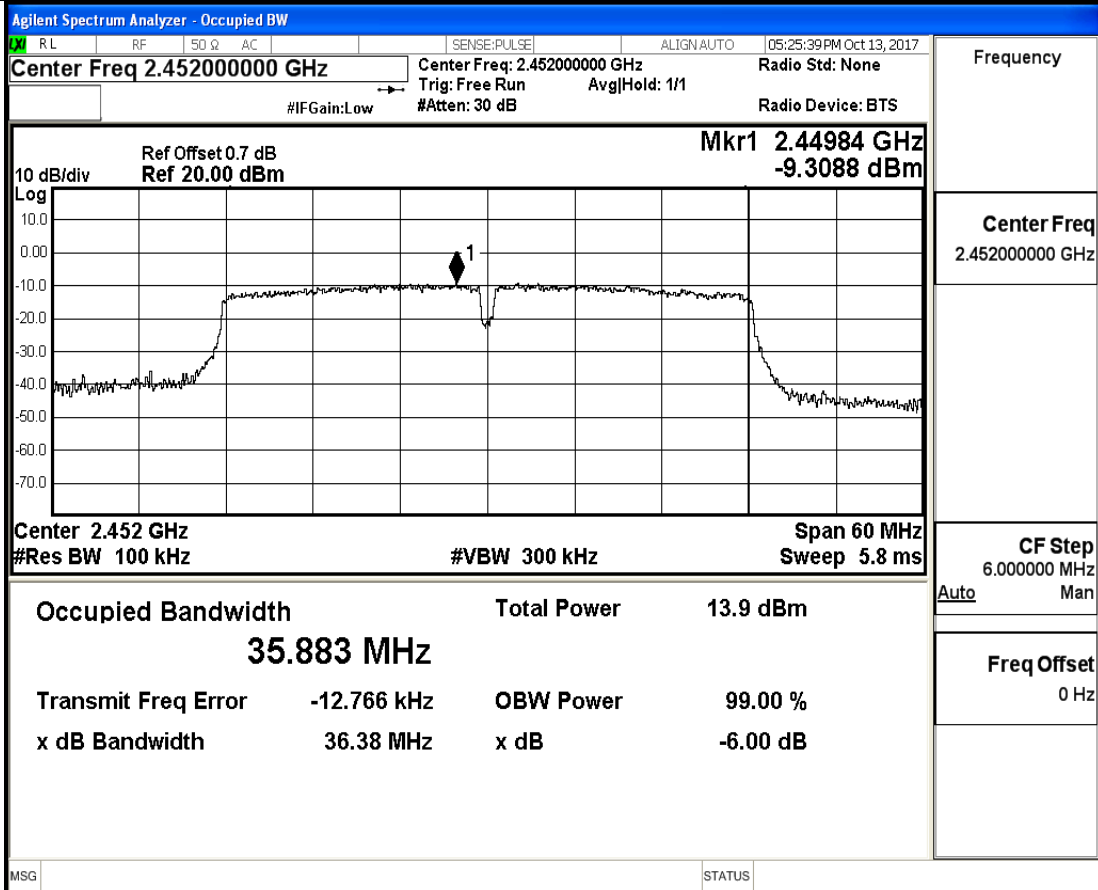
6dB Bandwidth_11N40SISO_2422_Ant1



6dB Bandwidth_11N40SISO_2437_Ant1



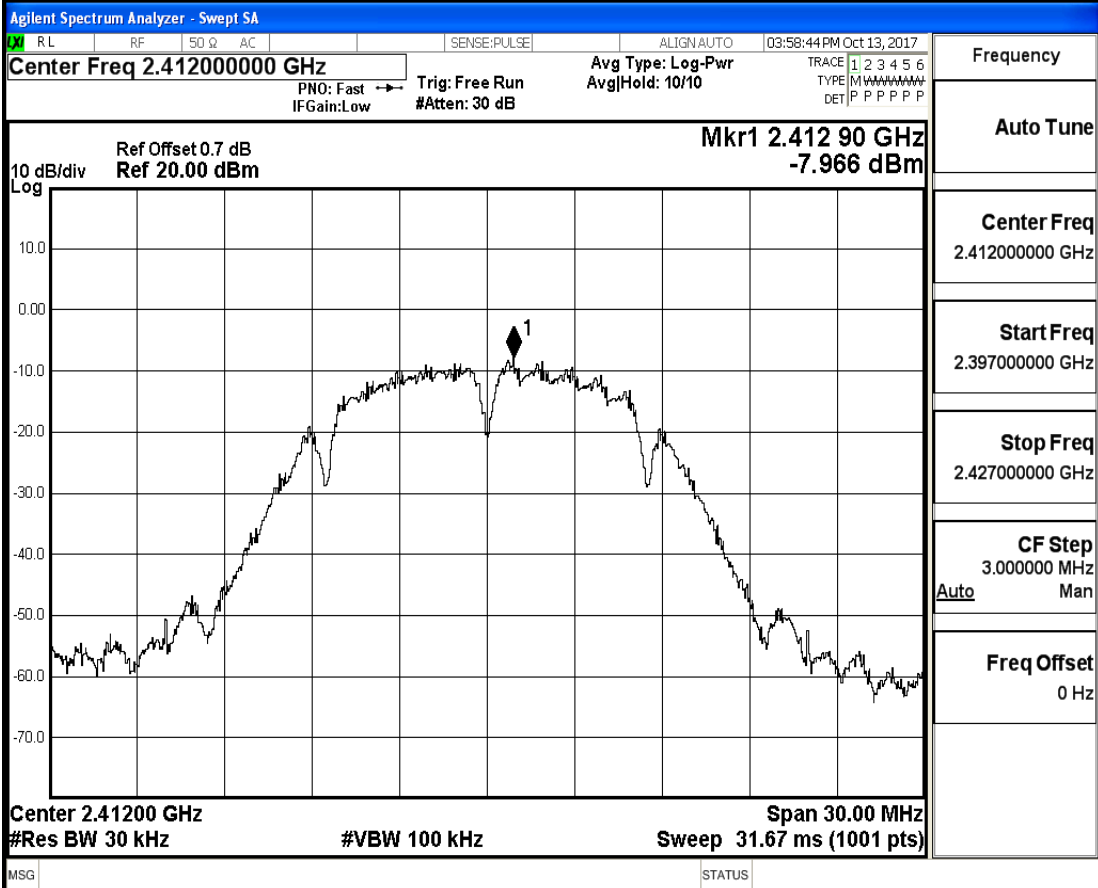
6dB Bandwidth_11N40SISO_2452_Ant1



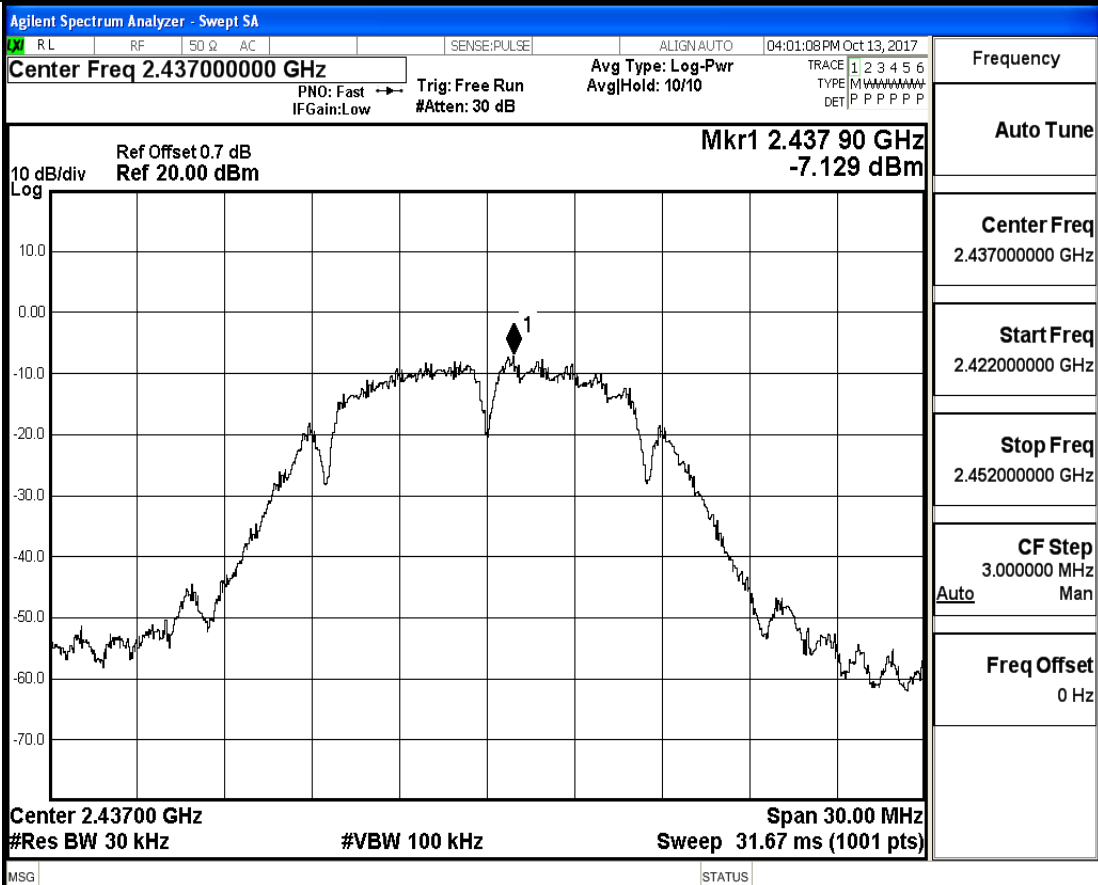
2.Maximum Peak power spectral density

Test Mode	Test Channel	Ant	PSD[dBm/30kHz]	Limit[dBm/3kHz]	Verdict
11B	2412	Ant1	-7.966	8.00	PASS
11B	2437	Ant1	-7.129	8.00	PASS
11B	2462	Ant1	-7.419	8.00	PASS
11G	2412	Ant1	-10.765	8.00	PASS
11G	2437	Ant1	-8.781	8.00	PASS
11G	2462	Ant1	-8.753	8.00	PASS
11N20SISO	2412	Ant1	-8.043	8.00	PASS
11N20SISO	2437	Ant1	-8.116	8.00	PASS
11N20SISO	2462	Ant1	-8.267	8.00	PASS
11N40SISO	2422	Ant1	-12.592	8.00	PASS
11N40SISO	2437	Ant1	-12.331	8.00	PASS
11N40SISO	2452	Ant1	-12.351	8.00	PASS

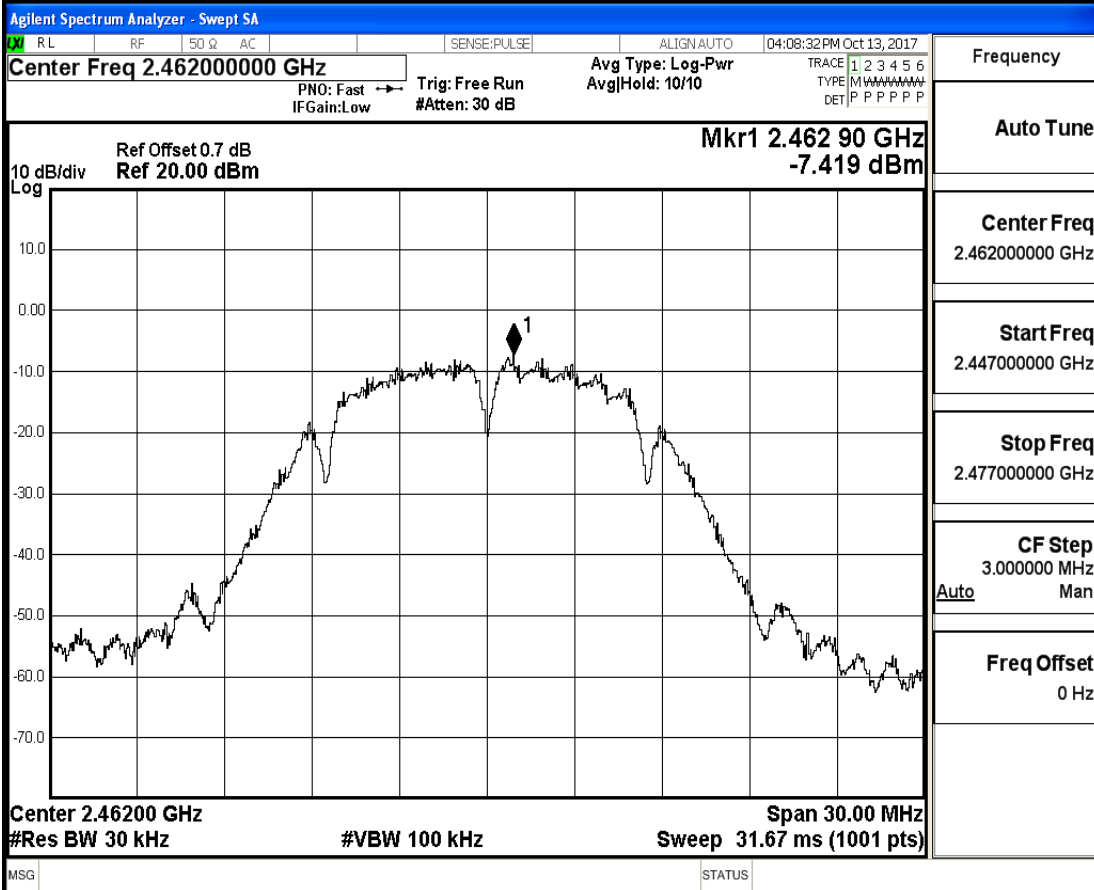
Maximum Peak power spectral density_11B_2412_Ant1



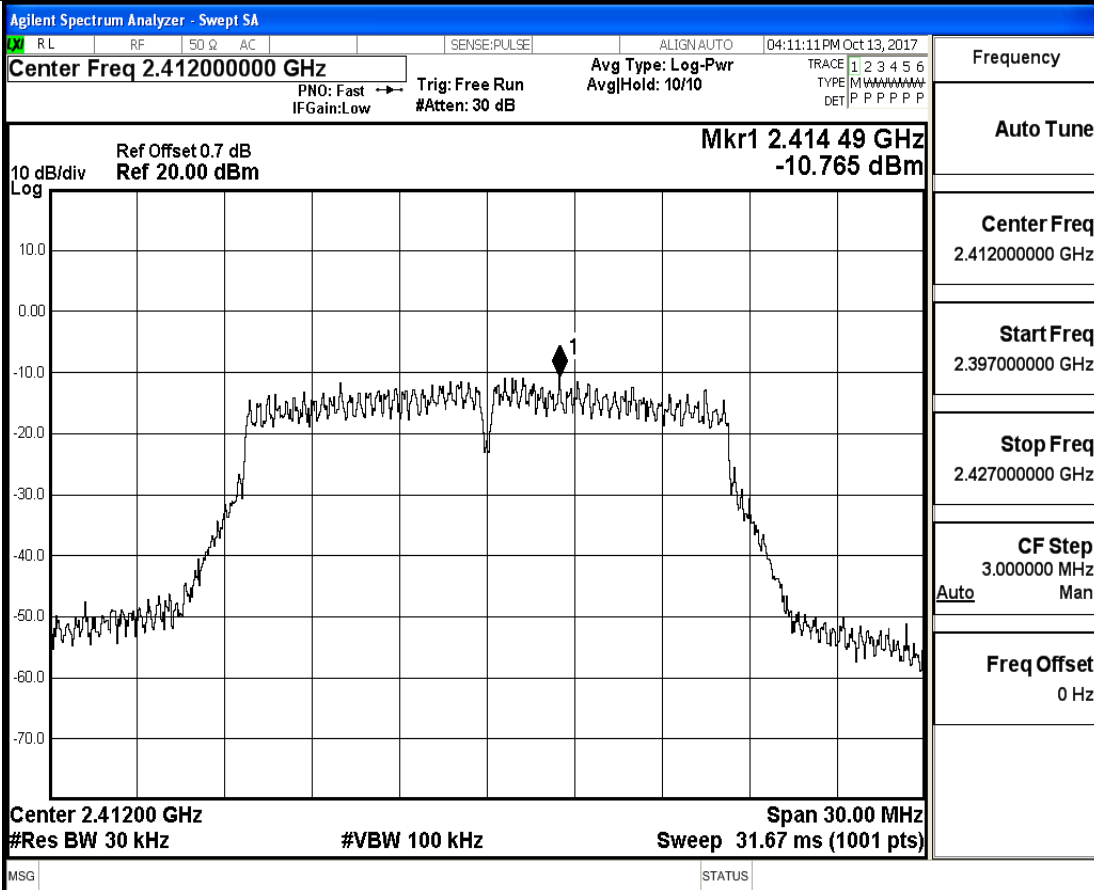
Maximum Peak power spectral density_11B_2437_Ant1



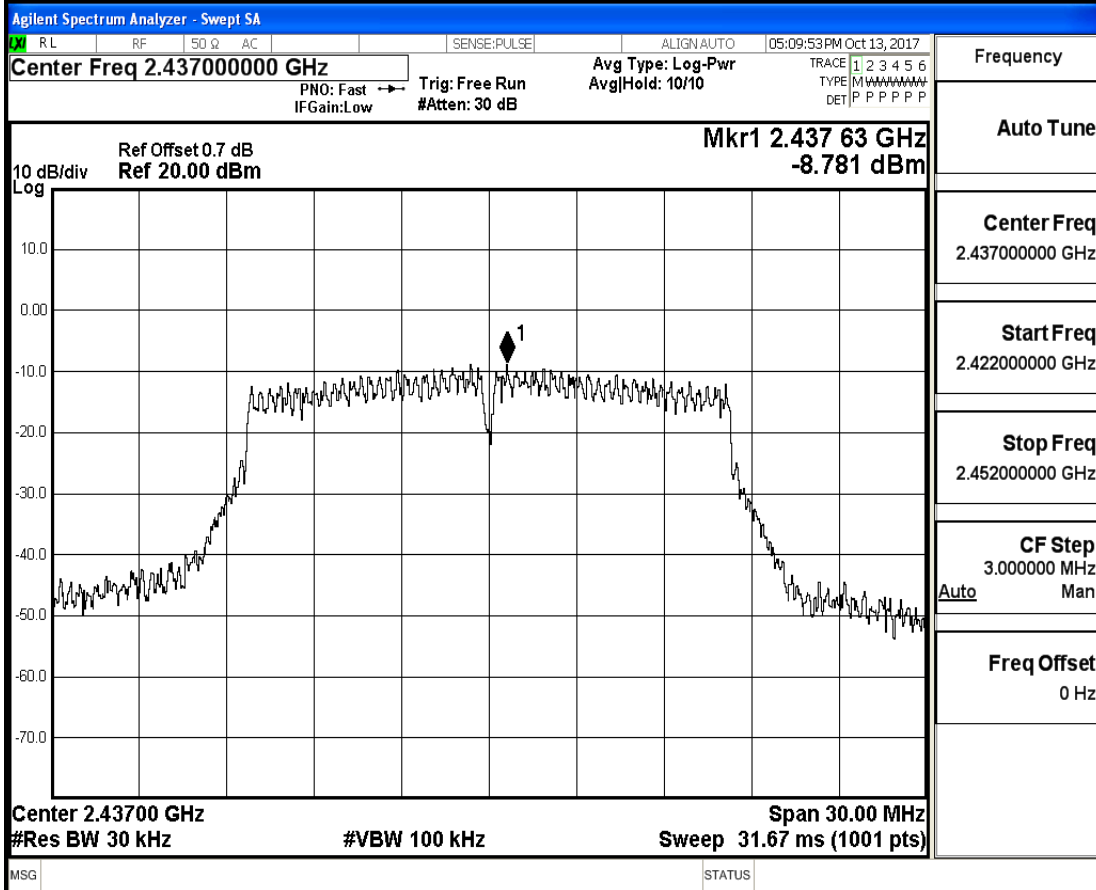
Maximum Peak power spectral density_11B_2462_Ant1



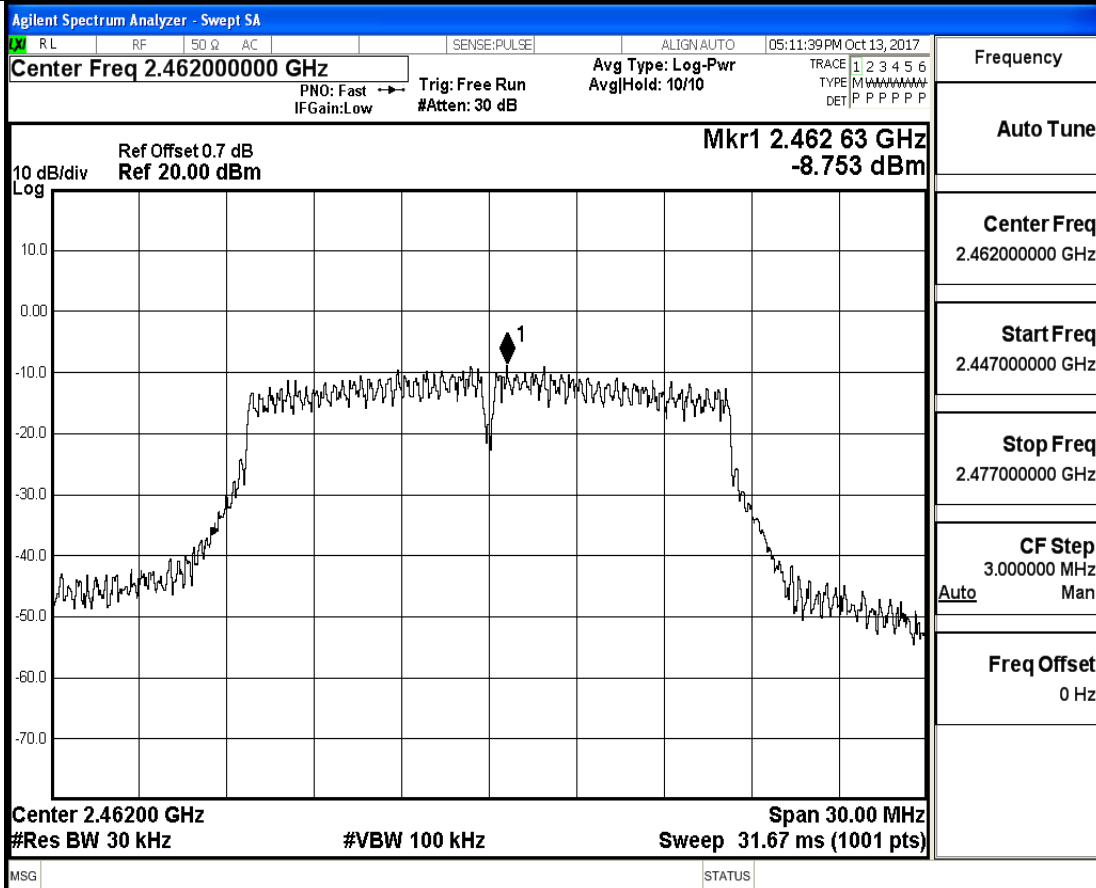
Maximum Peak power spectral density_11G_2412_Ant1



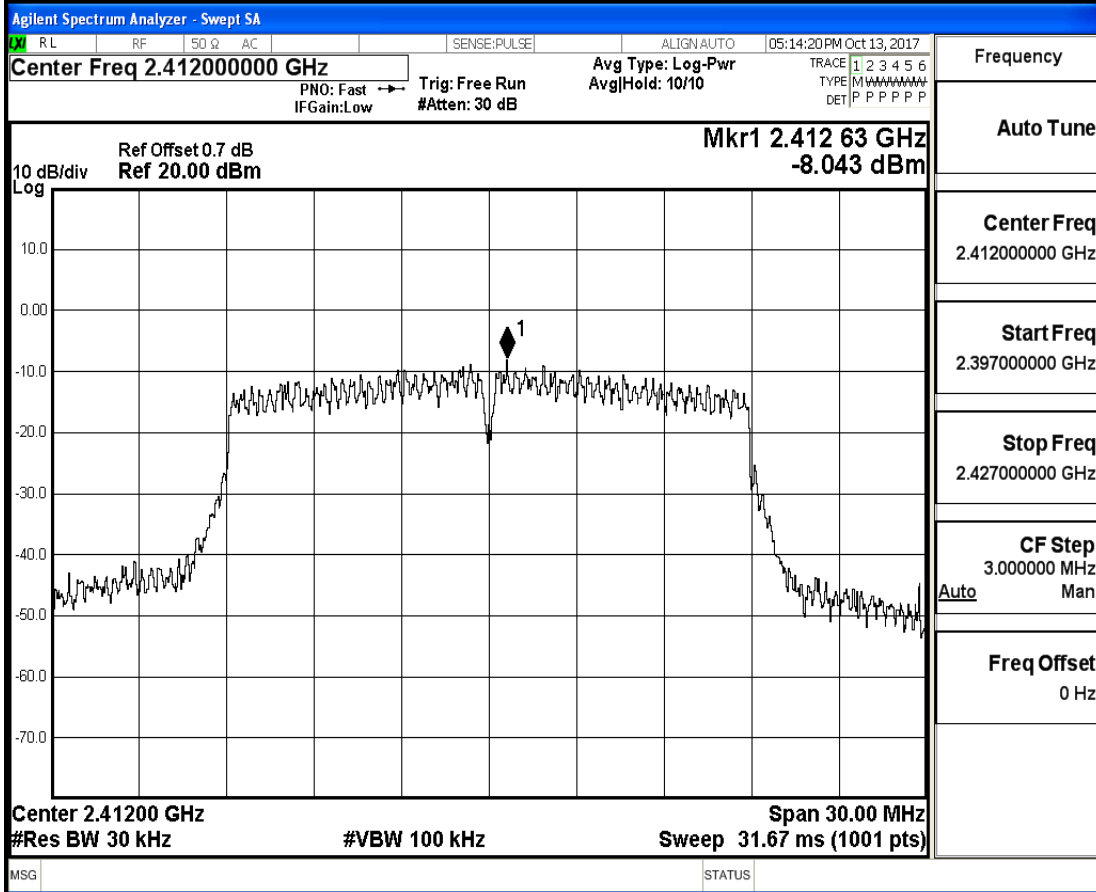
Maximum Peak power spectral density_11G_2437_Ant1



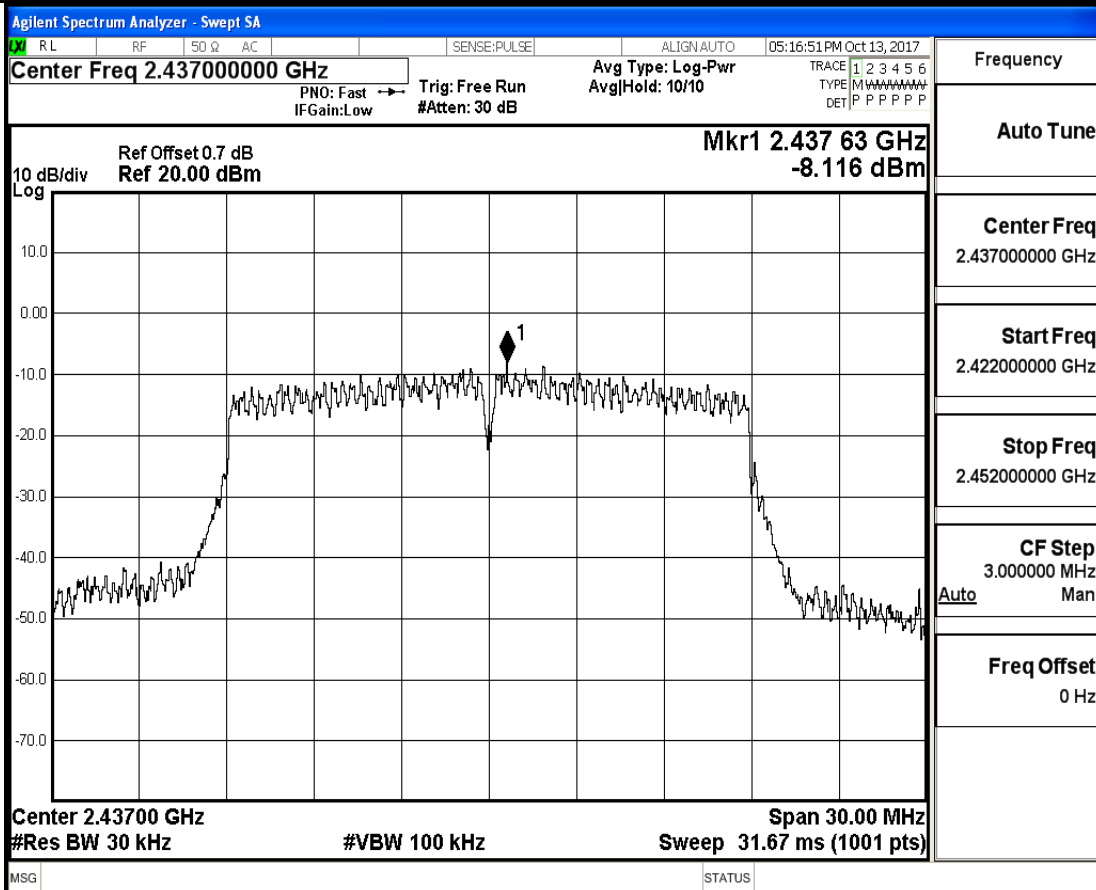
Maximum Peak power spectral density_11G_2462_Ant1



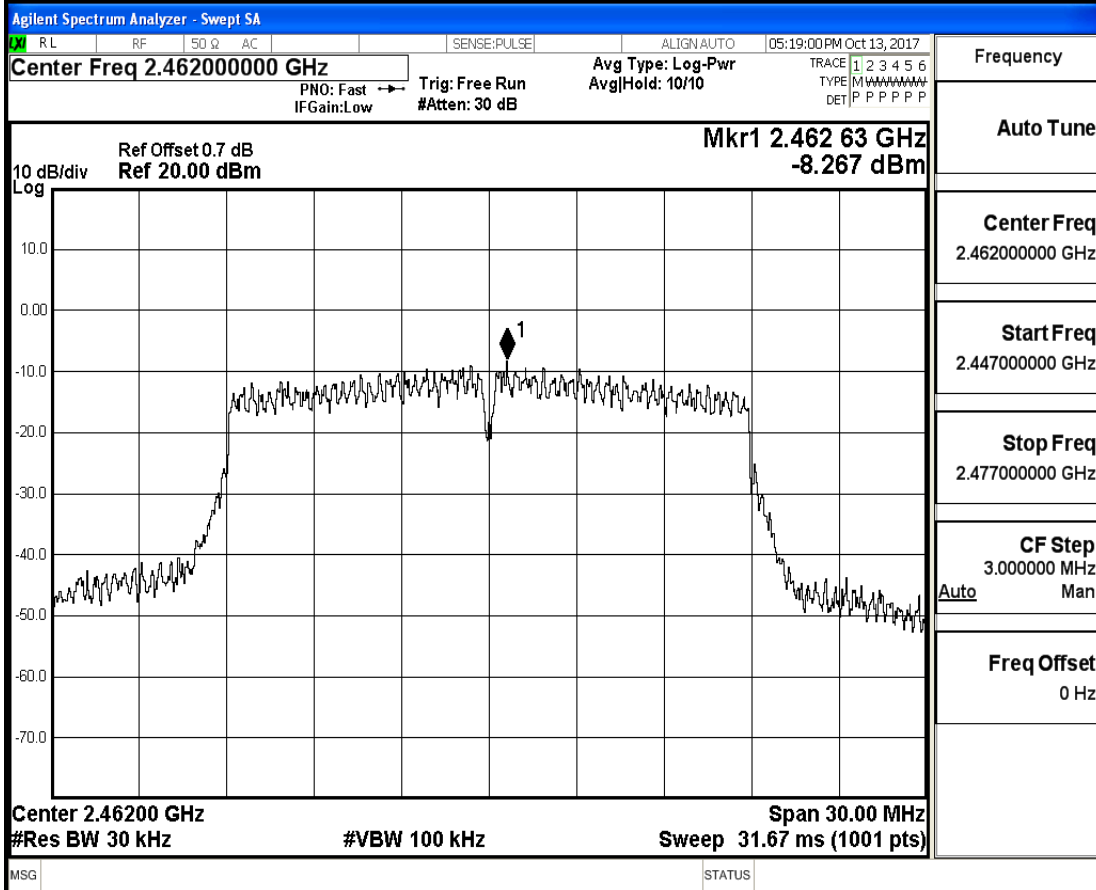
Maximum Peak power spectral density_11N20SISO_2412_Ant1



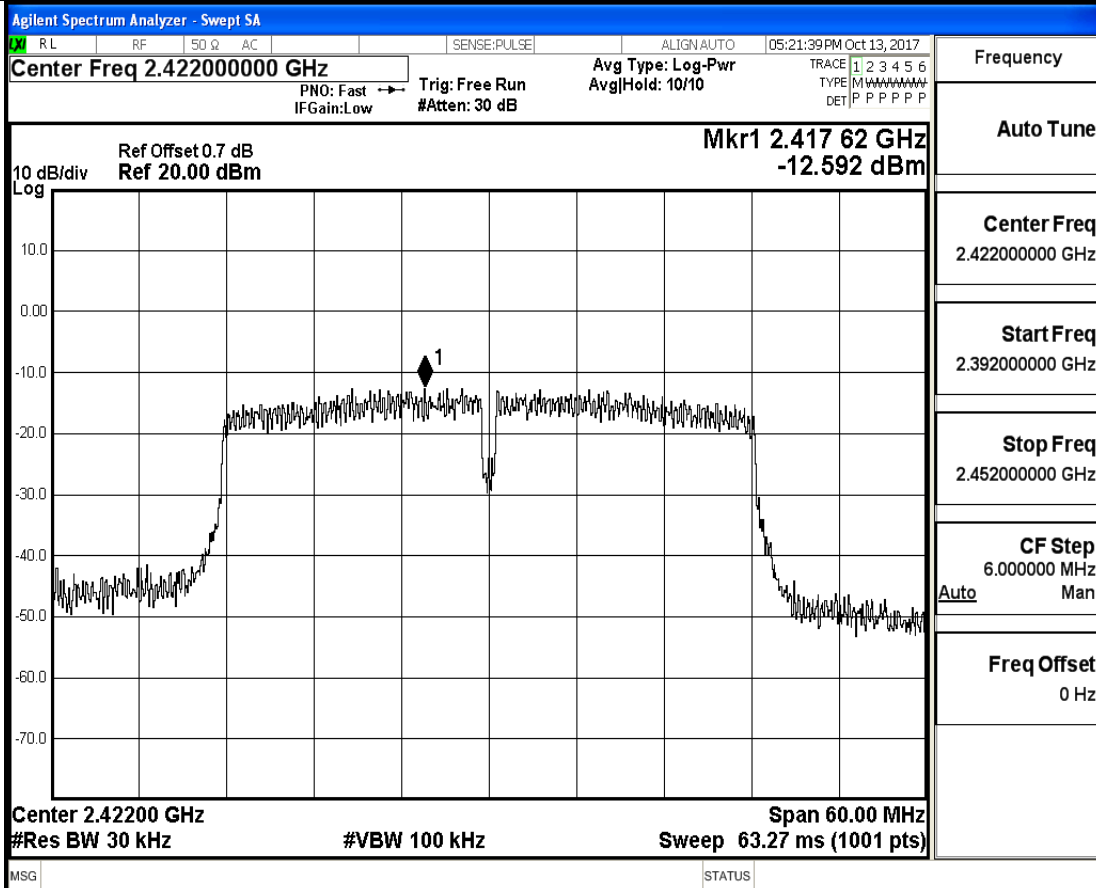
Maximum Peak power spectral density_11N20SISO_2437_Ant1



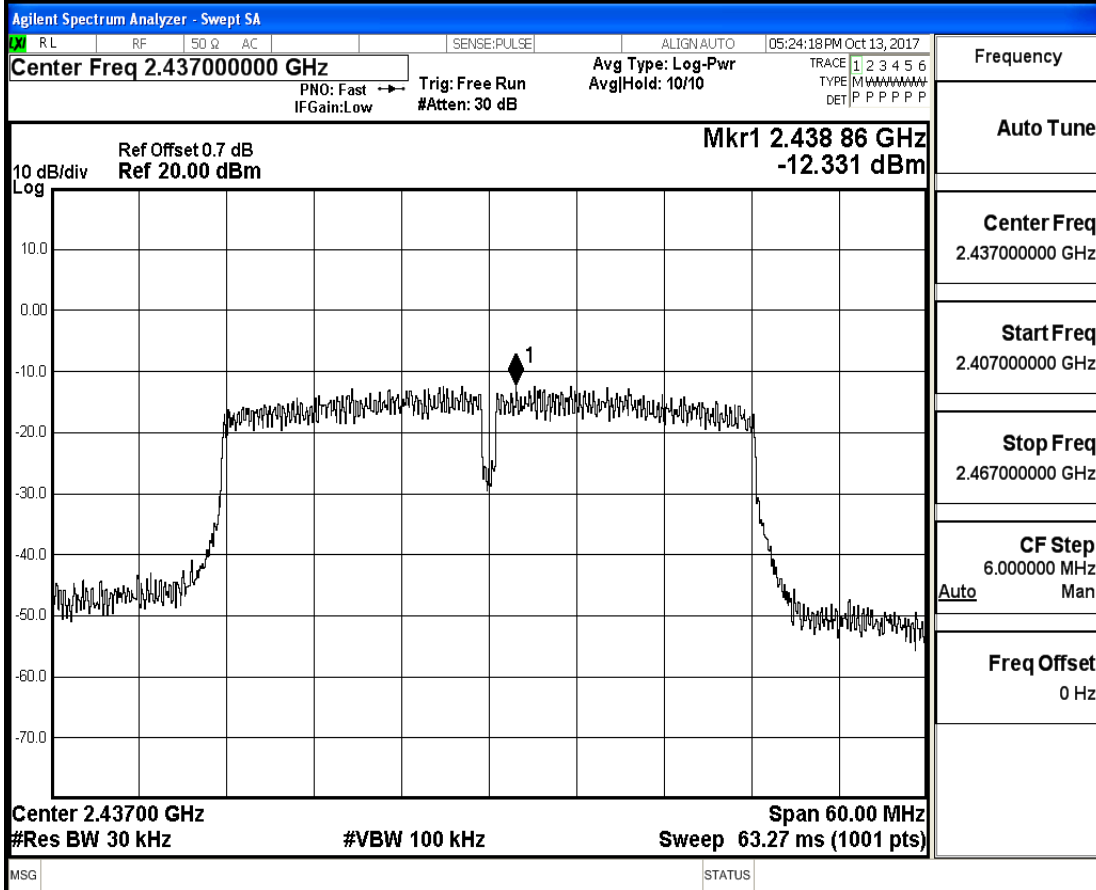
Maximum Peak power spectral density_11N20SISO_2462_Ant1



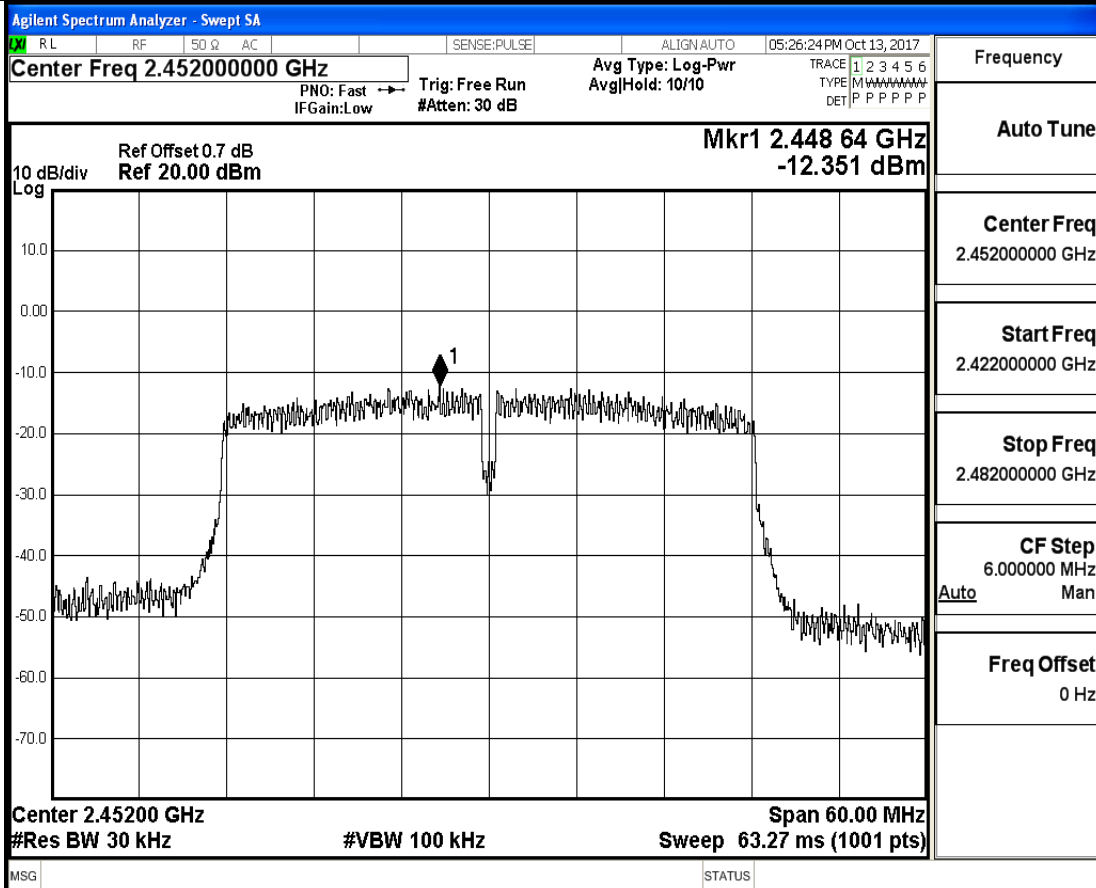
Maximum Peak power spectral density_11N40SISO_2422_Ant1



Maximum Peak power spectral density_11N40SISO_2437_Ant1



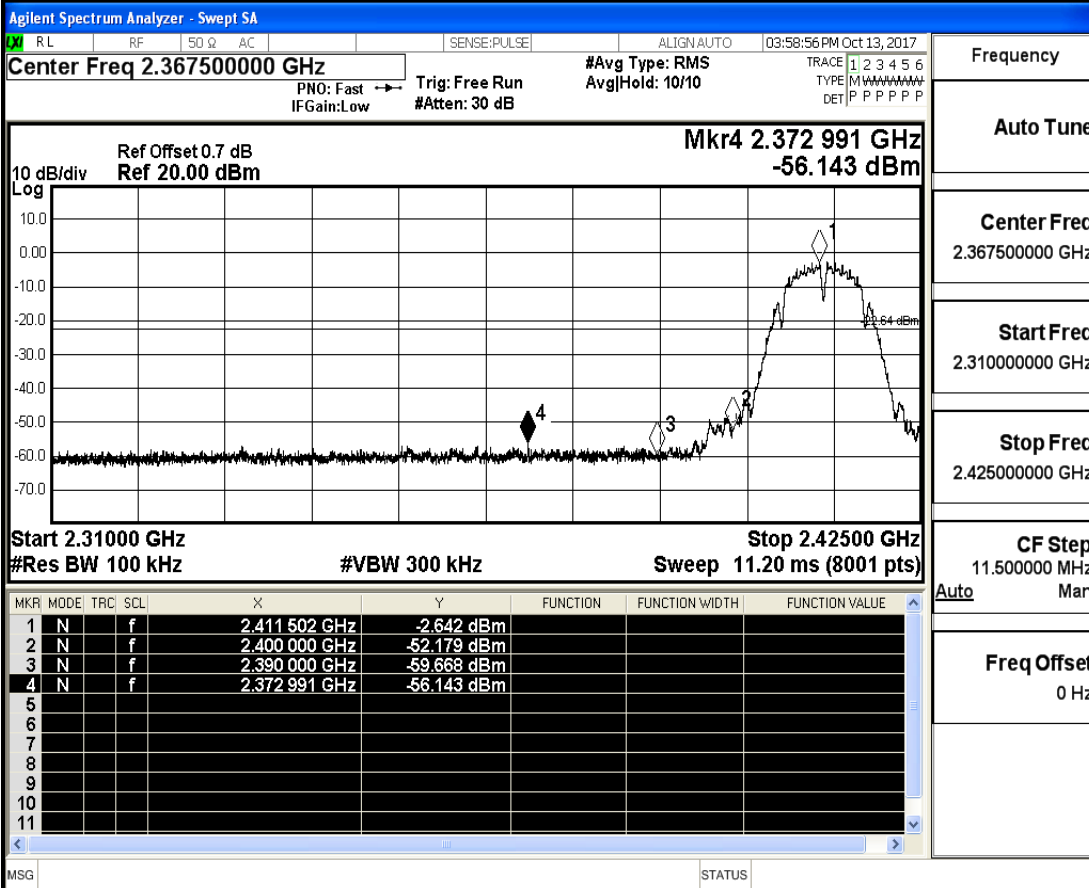
Maximum Peak power spectral density_11N40SISO_2452_Ant1



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	-2.642	-56.143	-22.64	PASS
11B	2462	Ant1	-2.078	-55.340	-22.08	PASS
11G	2412	Ant1	-5.550	-54.267	-25.55	PASS
11G	2462	Ant1	-6.092	-51.465	-26.09	PASS
11N20SISO	2412	Ant1	-6.039	-45.481	-26.04	PASS
11N20SISO	2462	Ant1	-5.999	-51.762	-26	PASS
11N40SISO	2422	Ant1	-9.627	-39.900	-29.63	PASS
11N40SISO	2452	Ant1	-9.610	-45.482	-29.61	PASS

Band-edge for RF Conducted Emissions_11B_2412_Ant1



Frequency

Auto Tune

Center Freq
2.367500000 GHz

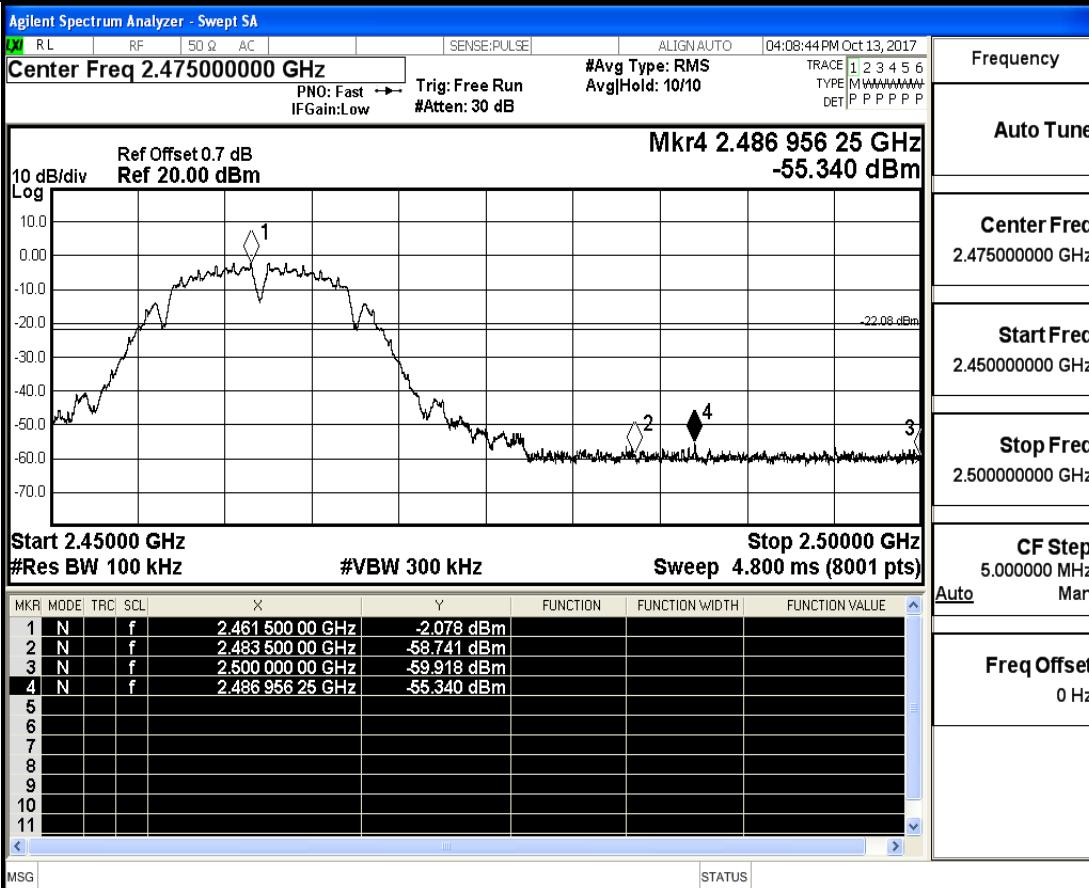
Start Freq
2.310000000 GHz

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

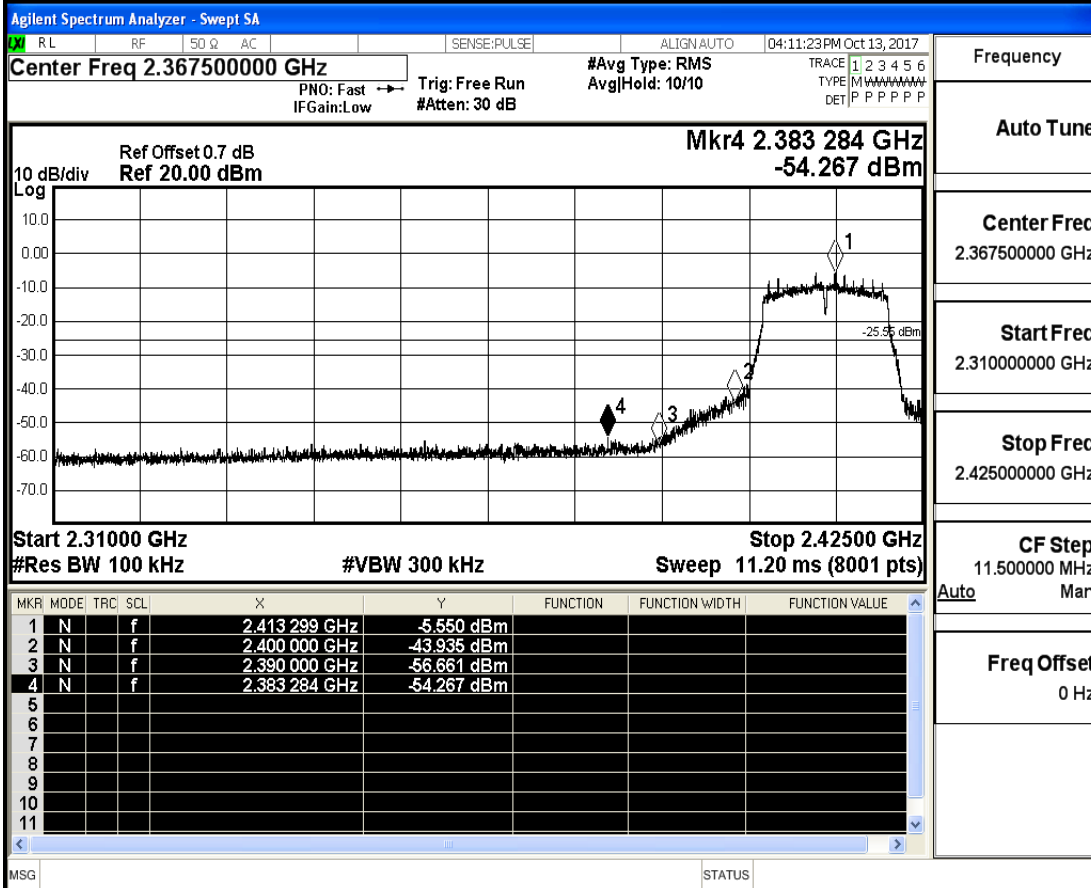
Start Freq
2.450000000 GHz

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



Frequency

Auto Tune

Center Freq
2.367500000 GHz

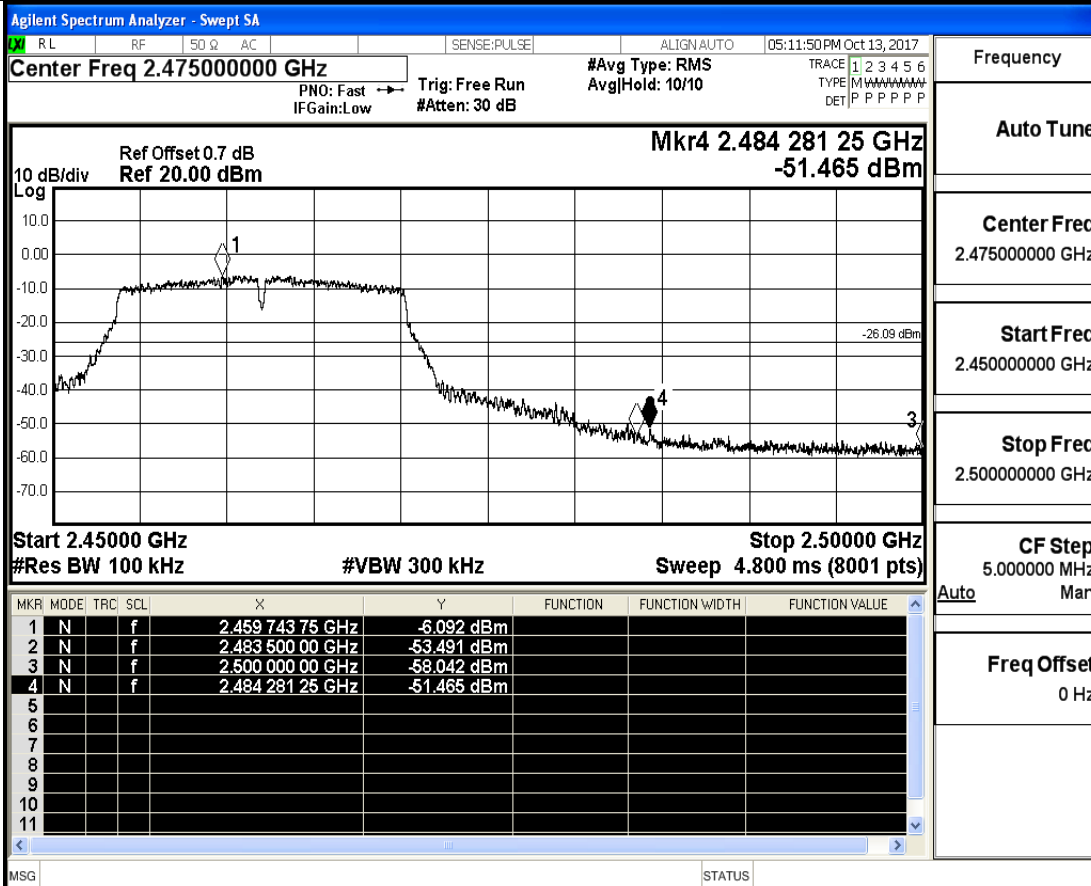
Start Freq
2.310000000 GHz

Stop Freq
2.425000000 GHz

CF Step
11.500000 MHz
Auto Man

Freq Offset
0 Hz

Band-edge for RF Conducted Emissions_11G_2462_Ant1



Frequency

Auto Tune

Center Freq
2.475000000 GHz

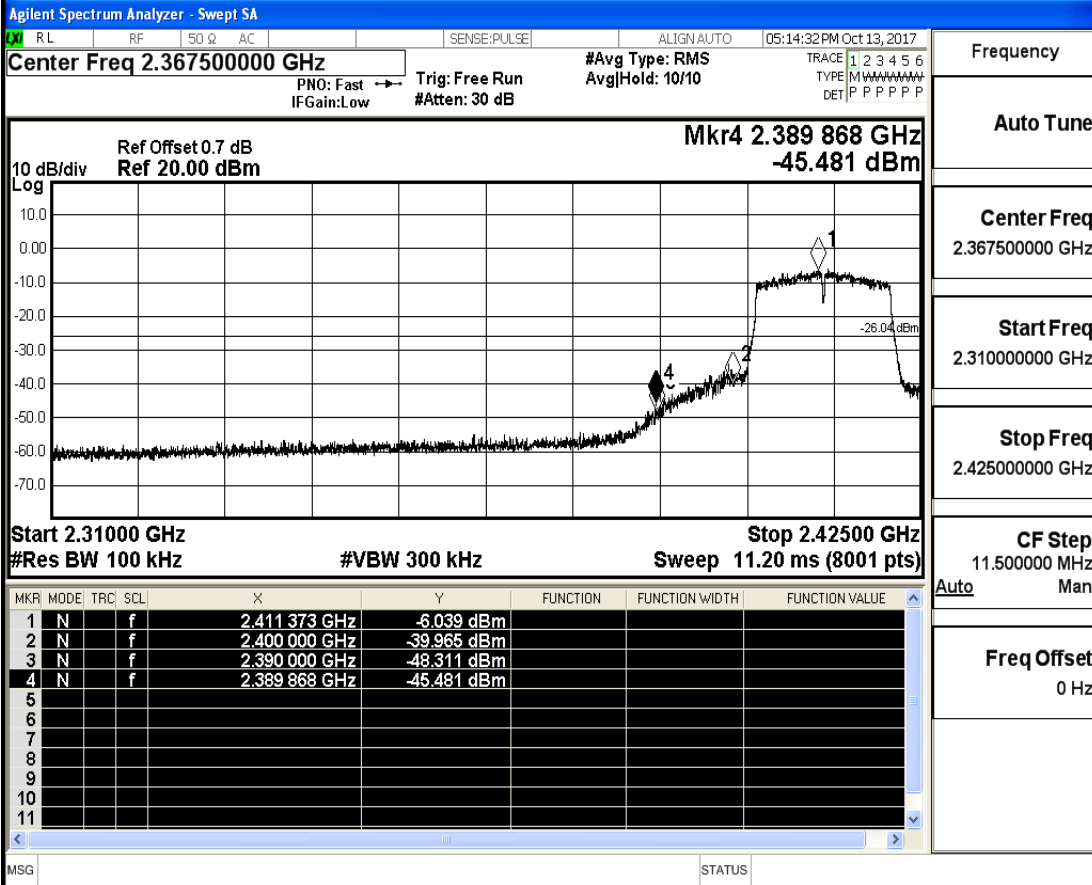
Start Freq
2.450000000 GHz

Stop Freq
2.500000000 GHz

CF Step
5.000000 MHz
Auto Man

Freq Offset
0 Hz

Band-edge for RF Conducted Emissions_11N20SISO_2412_Ant1



Frequency

Auto Tune

Center Freq
2.367500000 GHz

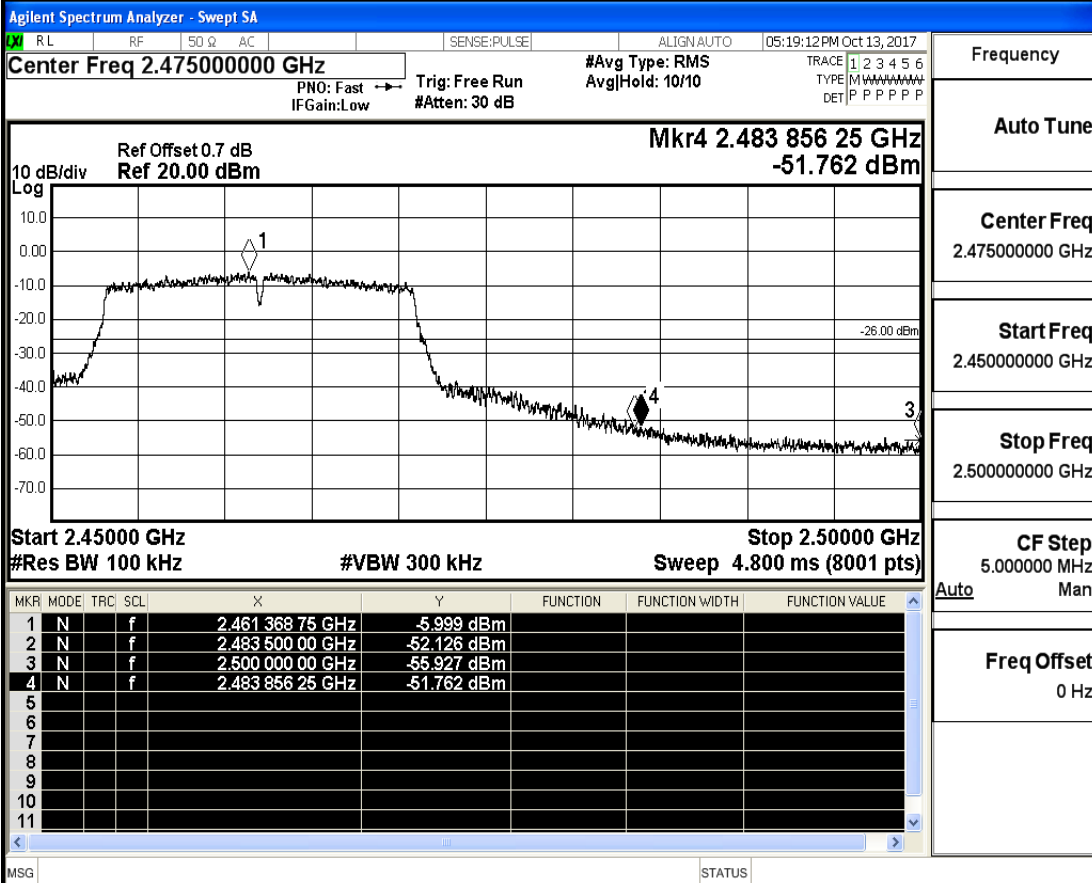
Start Freq
2.310000000 GHz

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

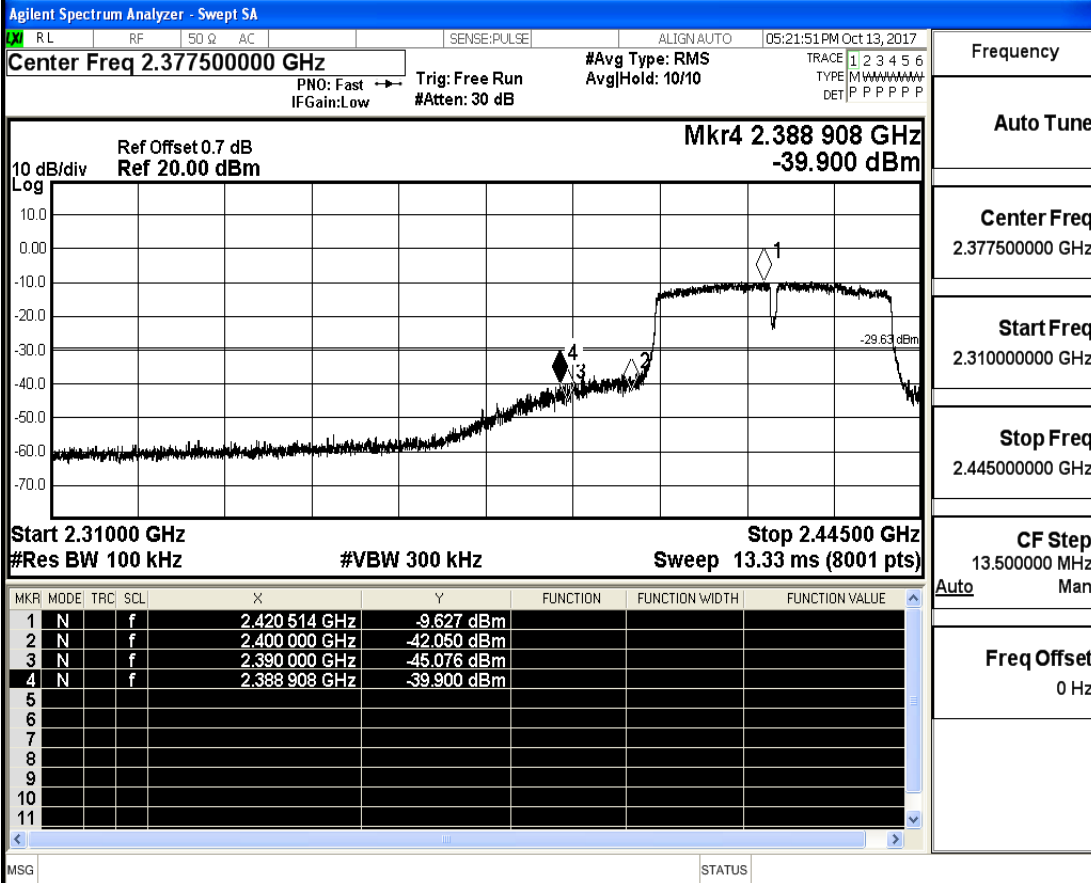
Start Freq
2.450000000 GHz

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



Frequency

Auto Tune

Center Freq
2.377500000 GHz

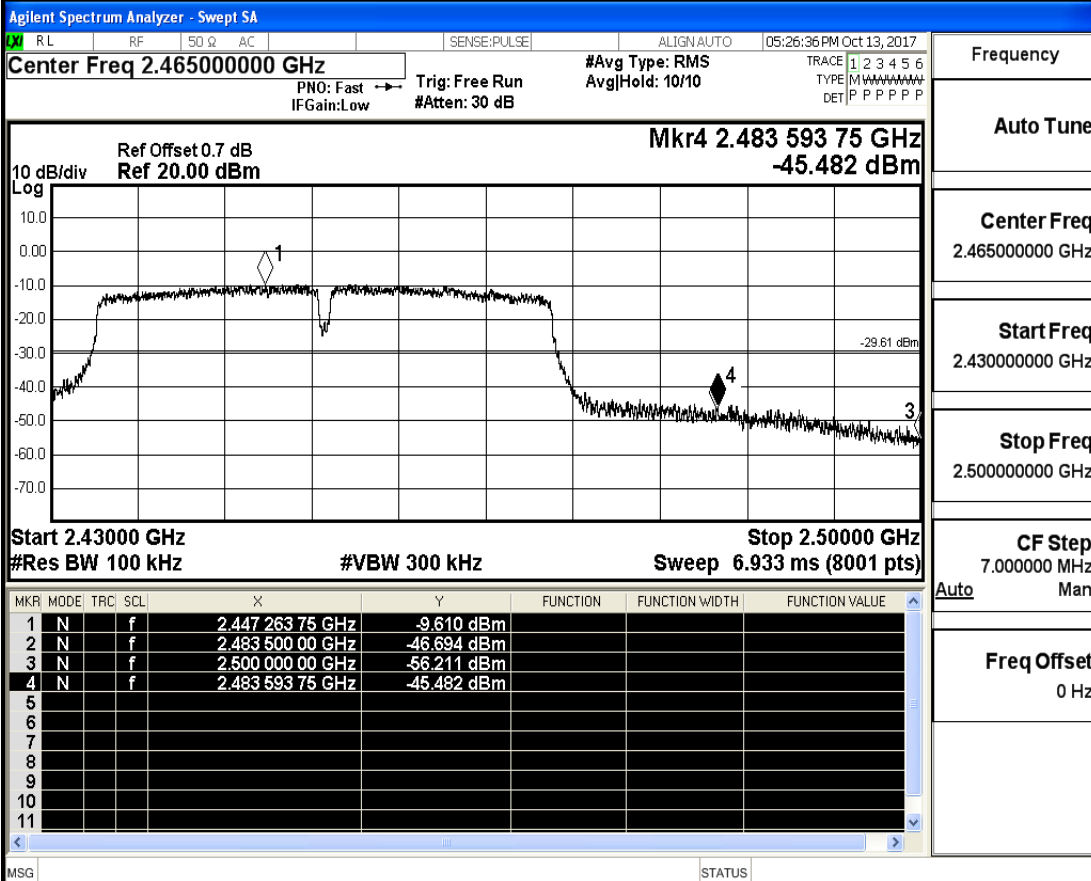
Start Freq
2.310000000 GHz

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



Frequency

Auto Tune

Center Freq
2.465000000 GHz

Start Freq
2.430000000 GHz

Stop Freq
2.500000000 GHz

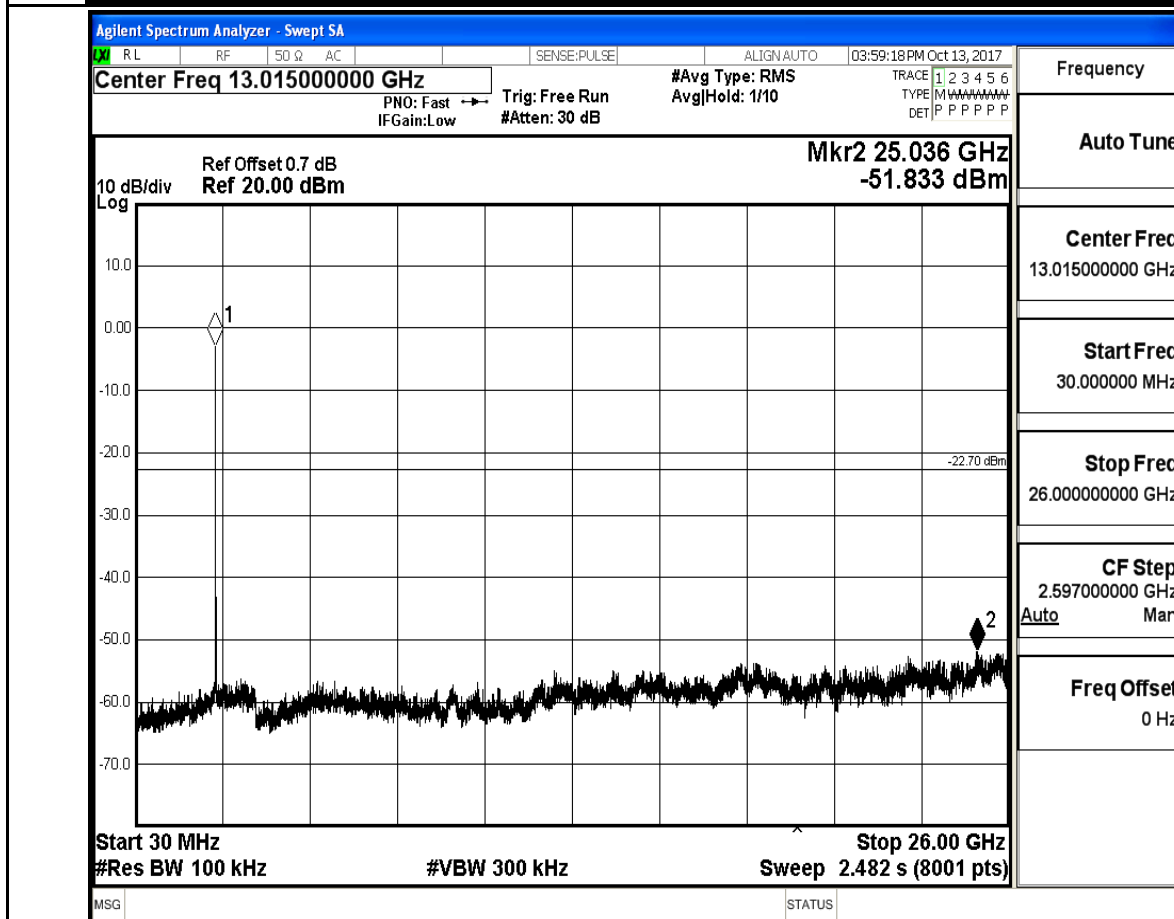
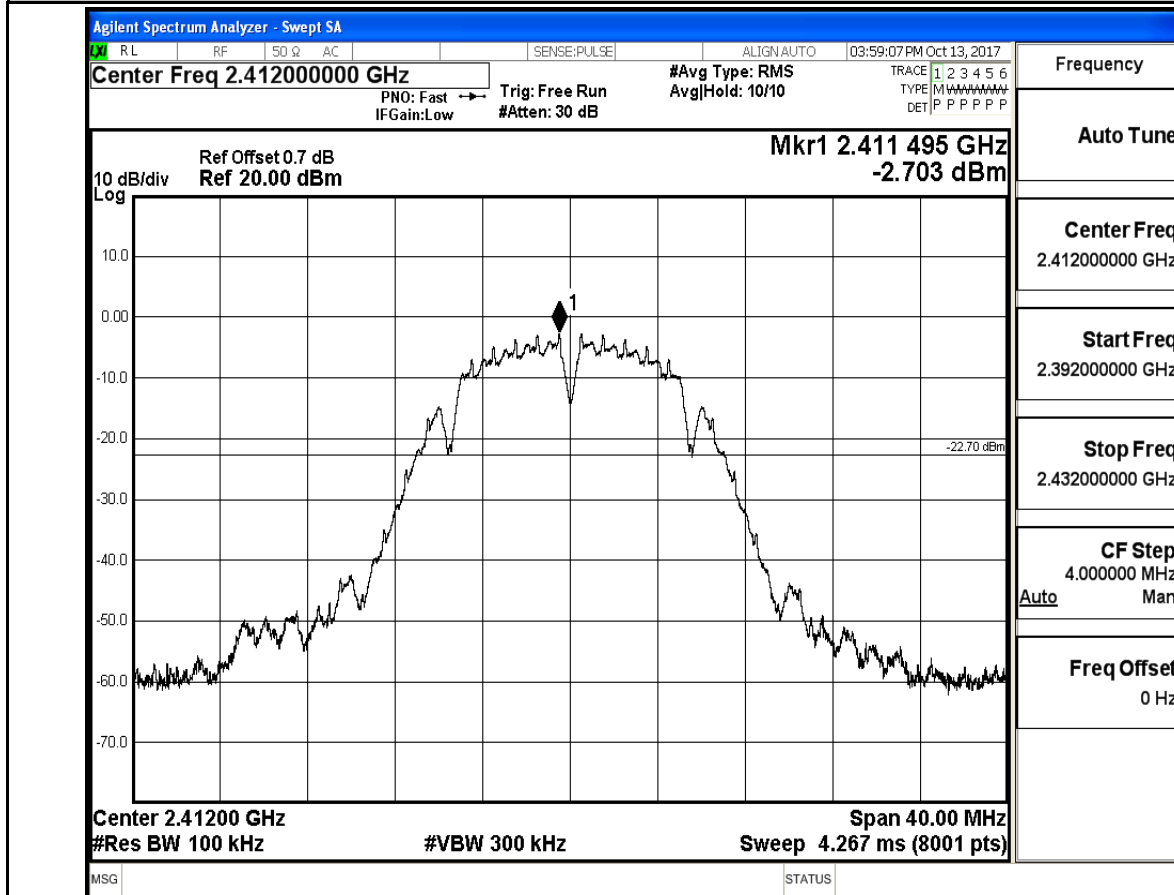
CF Step
7.000000 MHz
Auto Man

Freq Offset
0 Hz

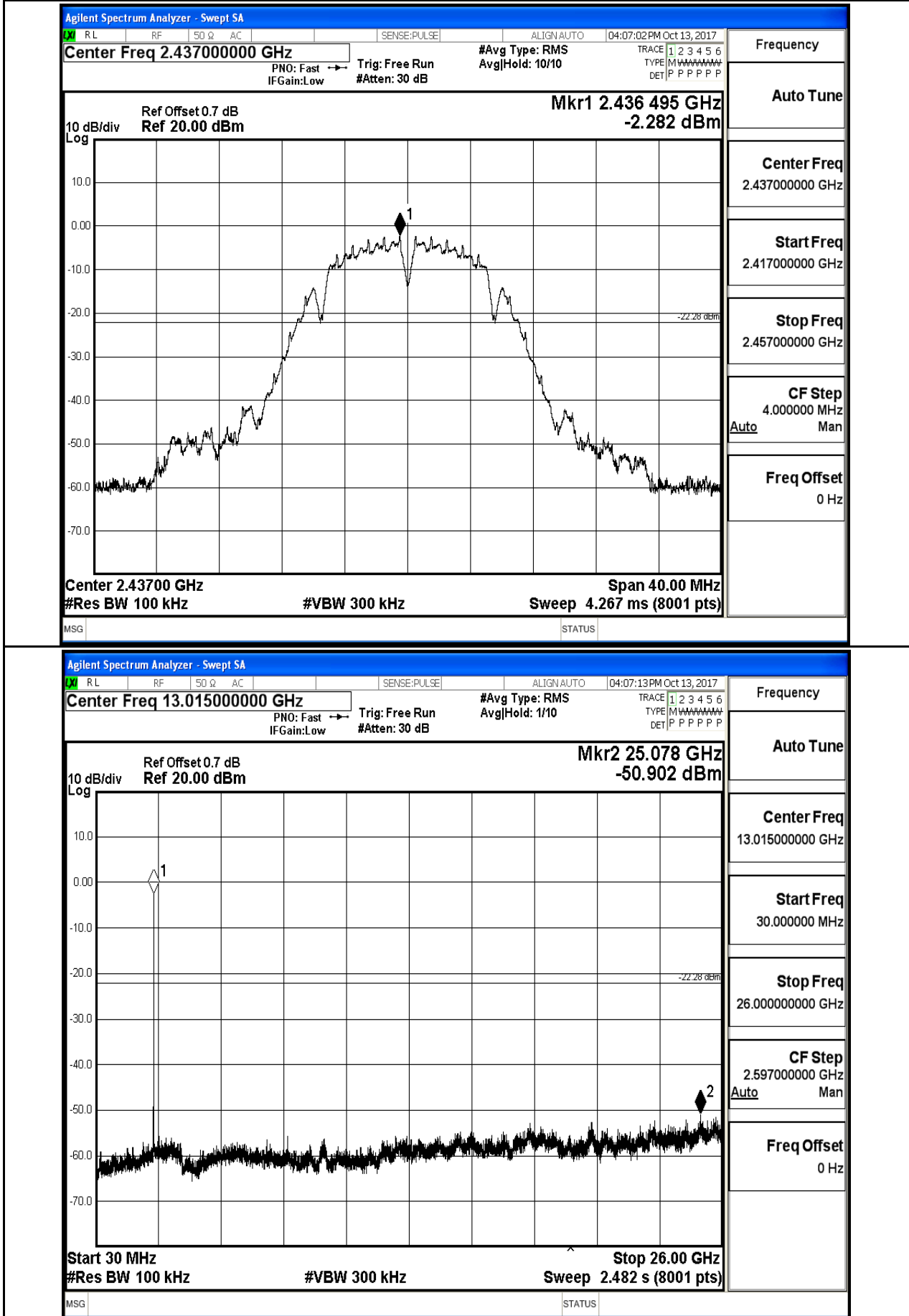
4.RF Conducted Spurious Emissions

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	-2.703	-51.833	<-22.703	PASS
11B	2437	Ant1	30	26000	100	300	-2.282	-50.902	<-22.282	PASS
11B	2462	Ant1	30	26000	100	300	-2.134	-51.099	<-22.134	PASS
11G	2412	Ant1	30	26000	100	300	-5.797	-51.230	<-25.797	PASS
11G	2437	Ant1	30	26000	100	300	-6.001	-50.533	<-26.001	PASS
11G	2462	Ant1	30	26000	100	300	-6.358	-50.954	<-26.358	PASS
11N20SISO	2412	Ant1	30	26000	100	300	-5.886	-51.266	<-25.886	PASS
11N20SISO	2437	Ant1	30	26000	100	300	-5.712	-51.093	<-25.712	PASS
11N20SISO	2462	Ant1	30	26000	100	300	-5.948	-50.848	<-25.948	PASS
11N40SISO	2422	Ant1	30	26000	100	300	-9.589	-50.824	<-29.589	PASS
11N40SISO	2437	Ant1	30	26000	100	300	-9.613	-50.954	<-29.613	PASS
11N40SISO	2452	Ant1	30	26000	100	300	-9.34	-51.492	<-29.34	PASS

RF Conducted Spurious Emissions_11B_2412_Ant1



RF Conducted Spurious Emissions_11B_2437_Ant1



Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC SENSE:PULSE ALIGN: AUTO 04:07:13 PM Oct 13, 2017

Center Freq 13.015000000 GHz

PNO: Fast Trig: Free Run #Avg Type: RMS

IFGain:Low #Atten: 30 dB AvgHold: 1/10

TRACE 1 2 3 4 5 6

TYPE M W W W W W W W

DET P P P P P P

Frequency

Auto Tune

Center Freq
13.015000000 GHz

Start Freq
30.000000 MHz

Stop Freq
26.000000000 GHz

CF Step
2.597000000 GHz

Auto Man

Freq Offset
0 Hz

10 dB/div Ref Offset 0.7 dB Mkr2 25.078 GHz

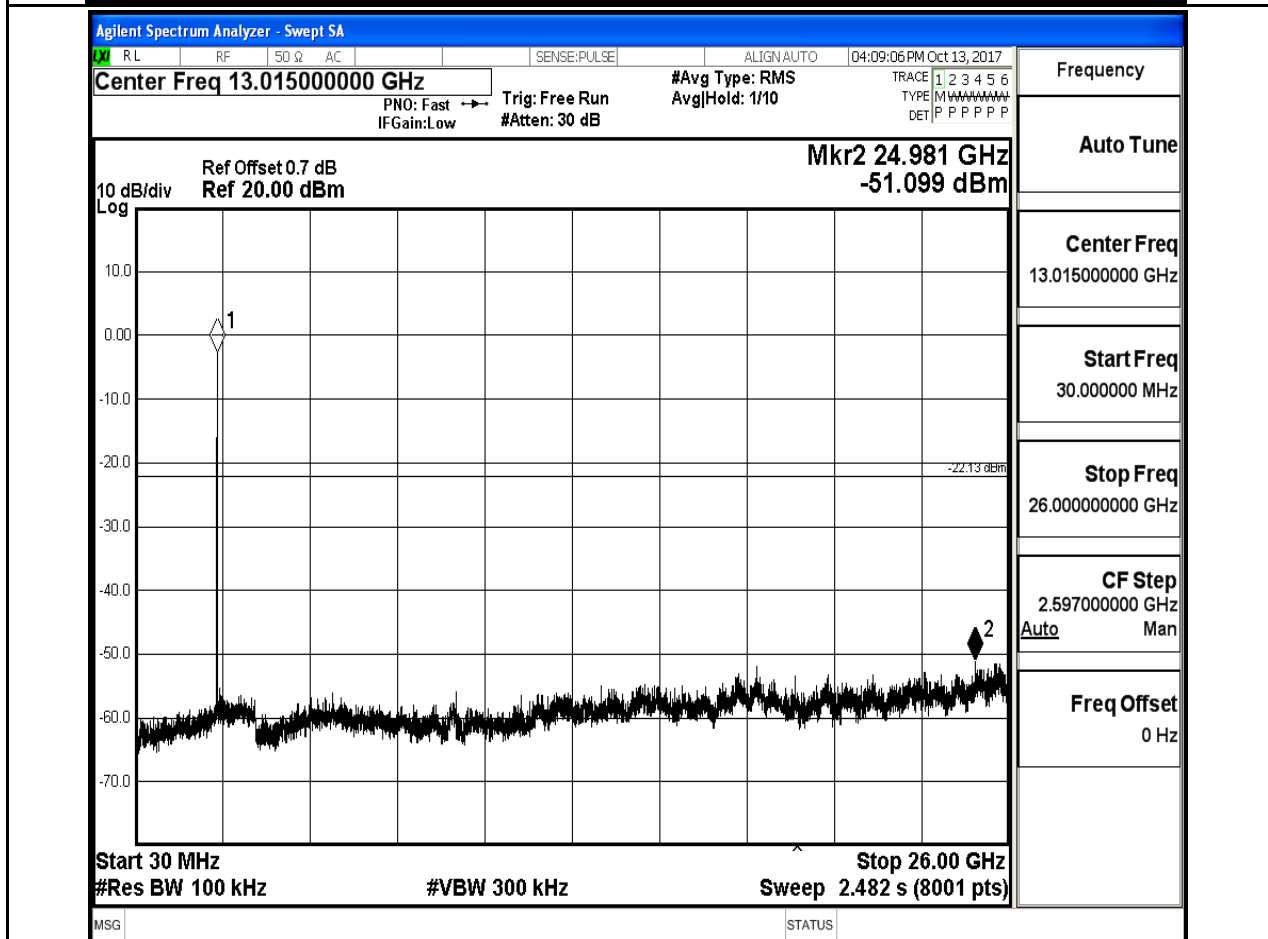
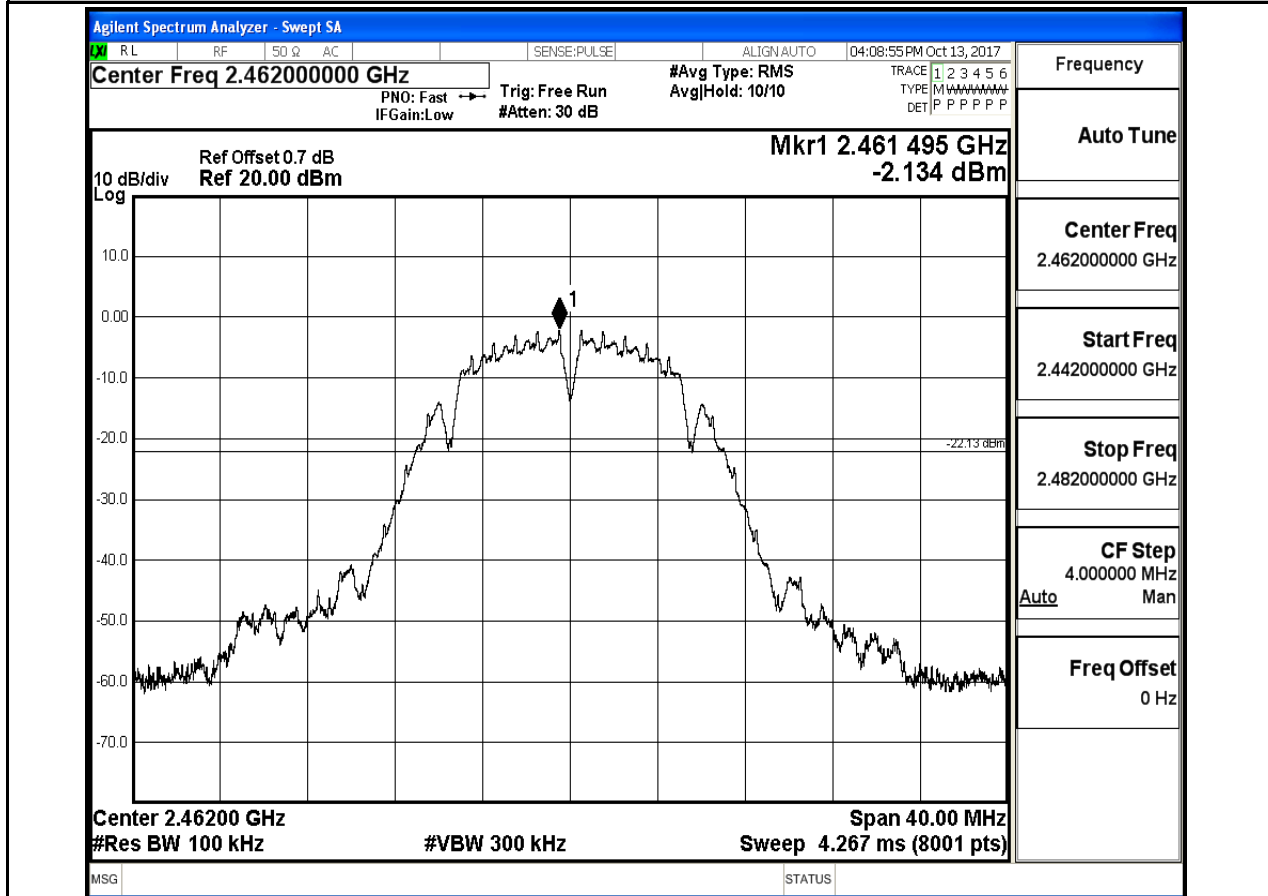
Log Ref 20.00 dBm -50.902 dBm

Start 30 MHz Stop 26.00 GHz

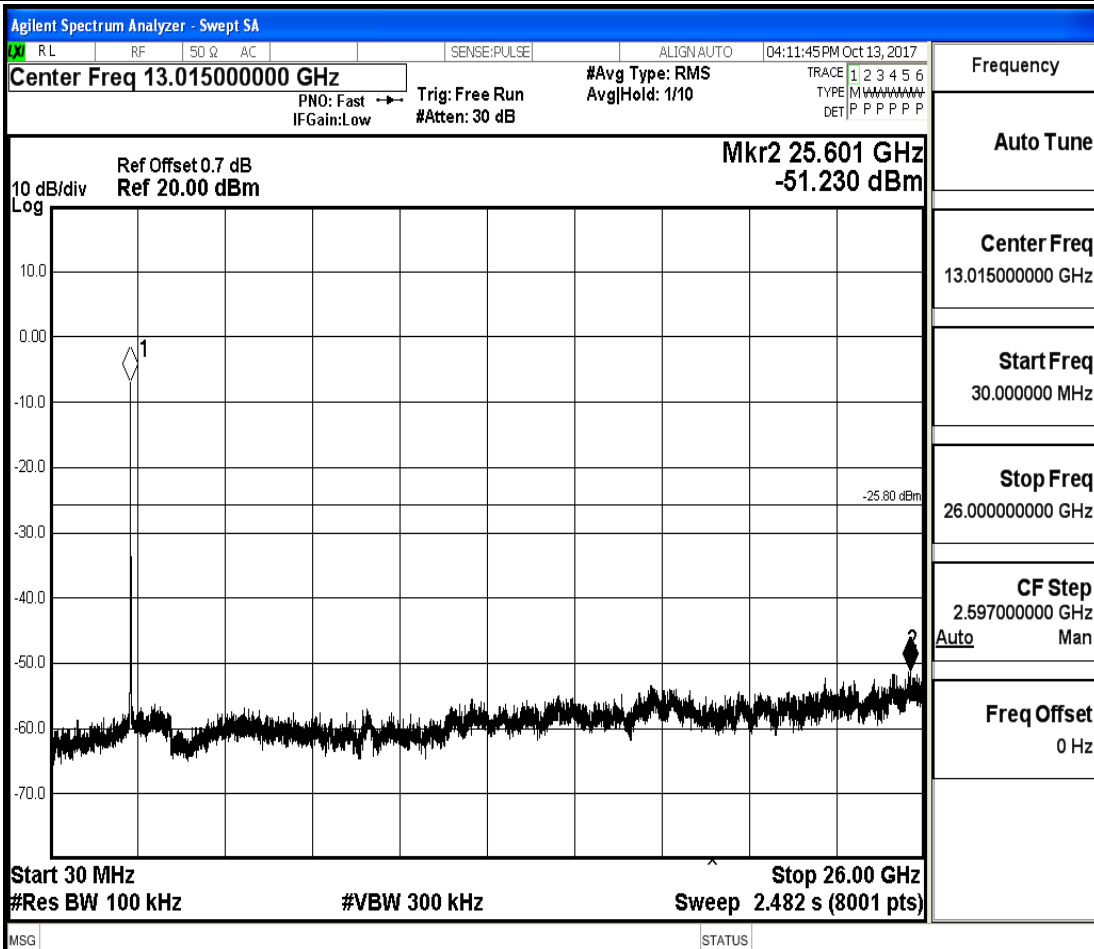
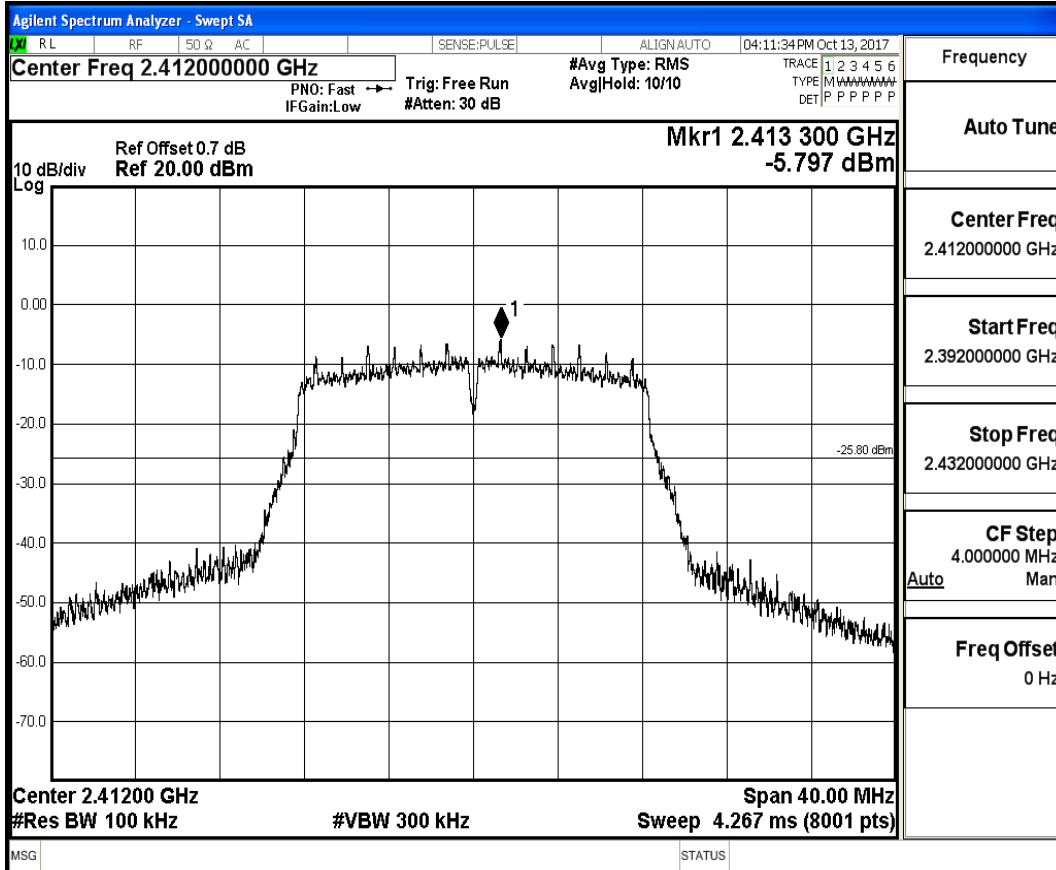
#Res BW 100 kHz #VBW 300 kHz Sweep 2.482 s (8001 pts)

MSG STATUS

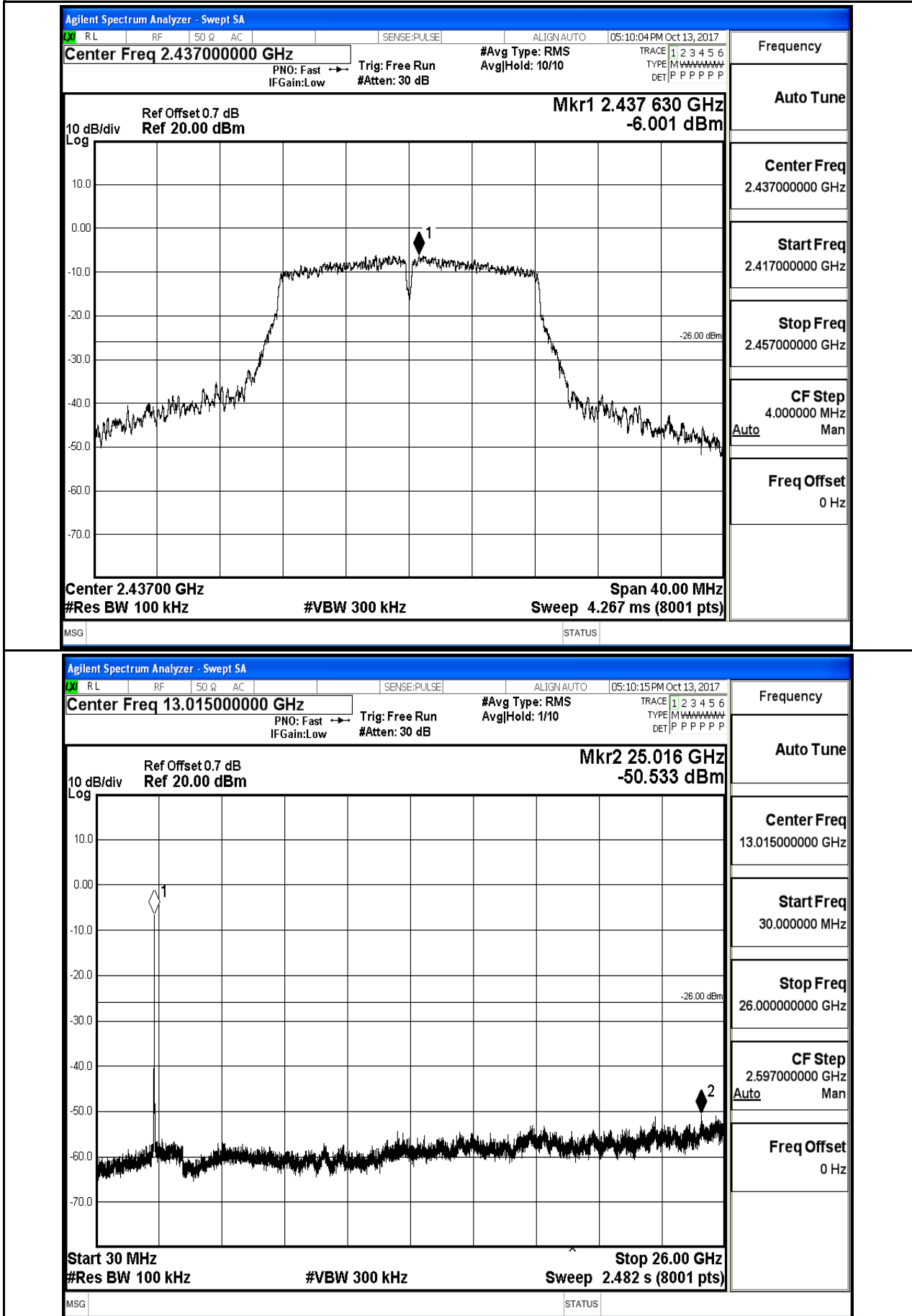
RF Conducted Spurious Emissions_11B_2462_Ant1



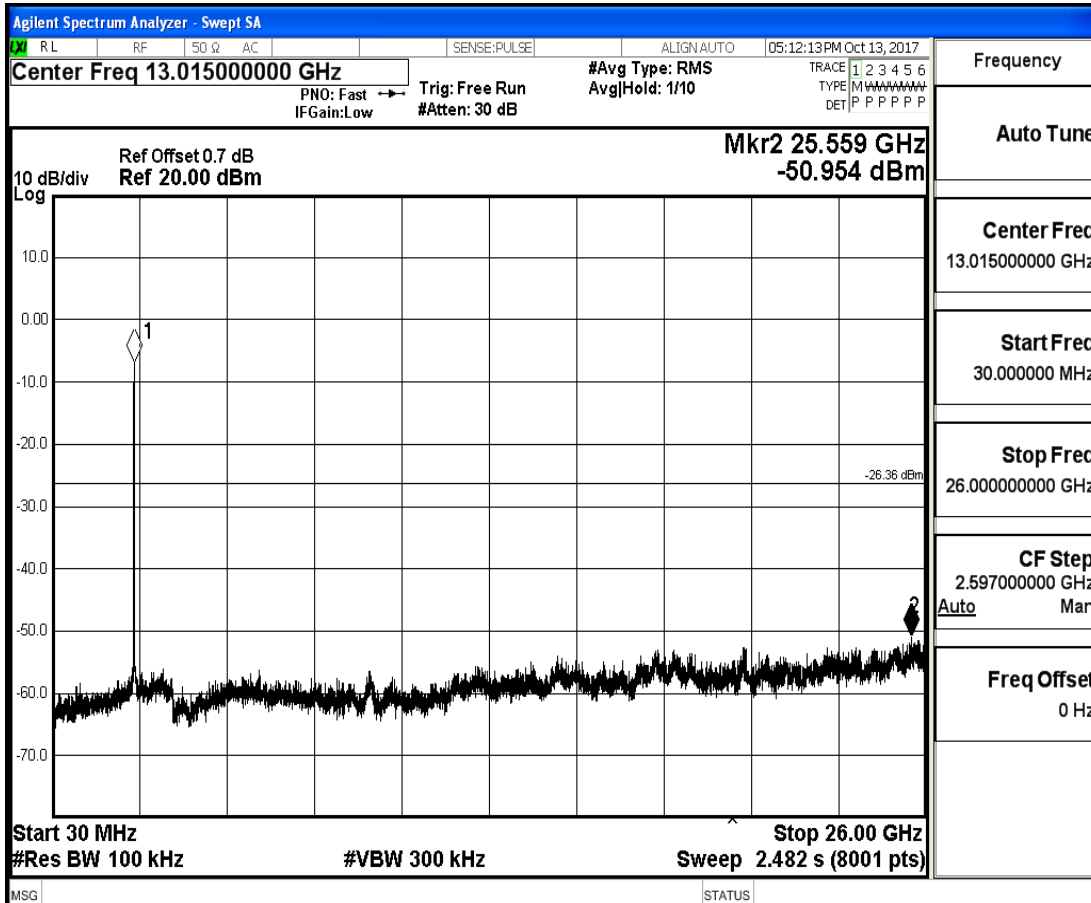
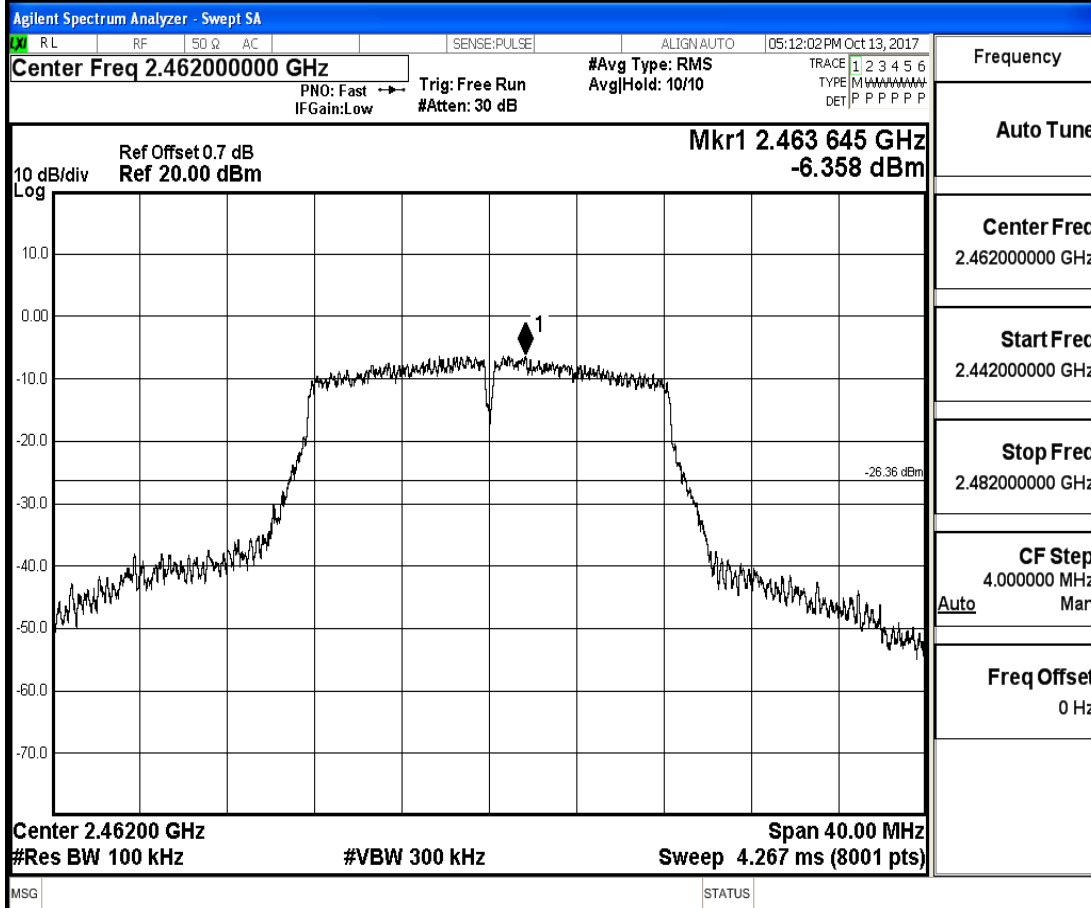
RF Conducted Spurious Emissions_11G_2412_Ant1



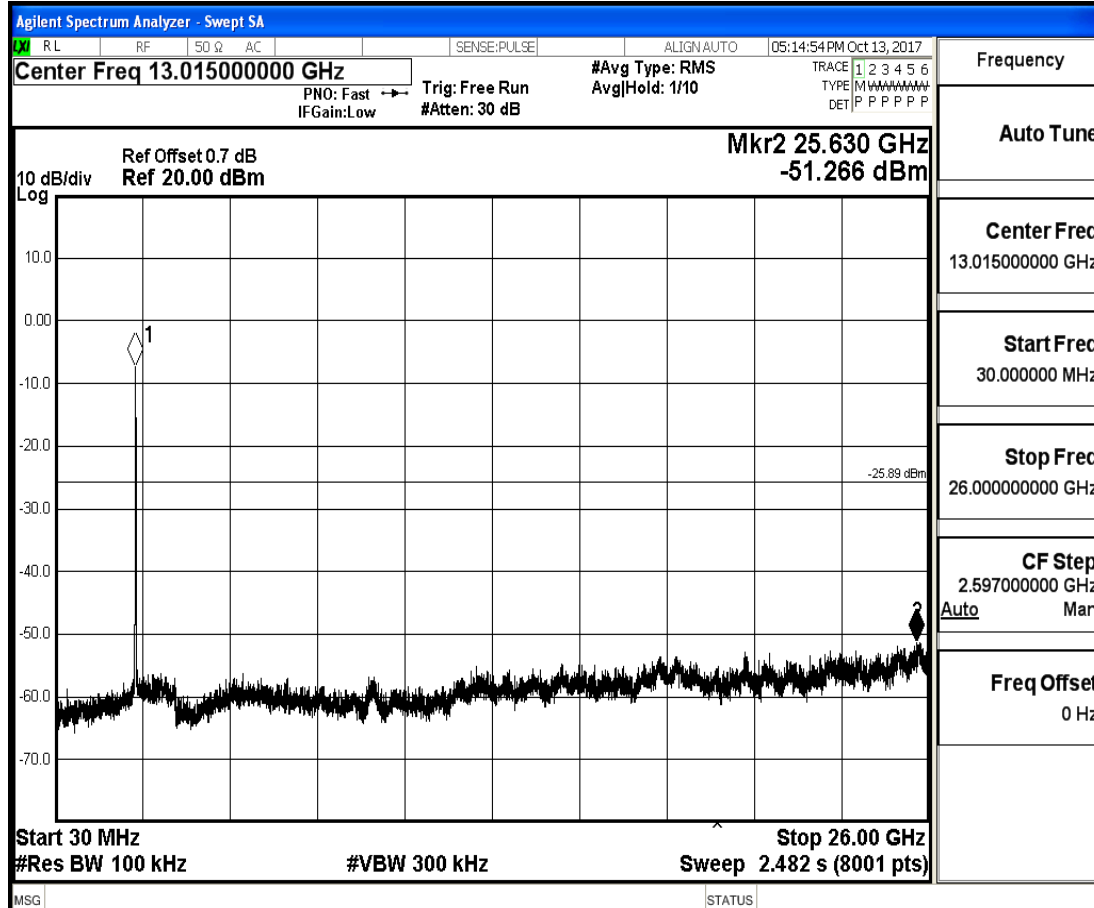
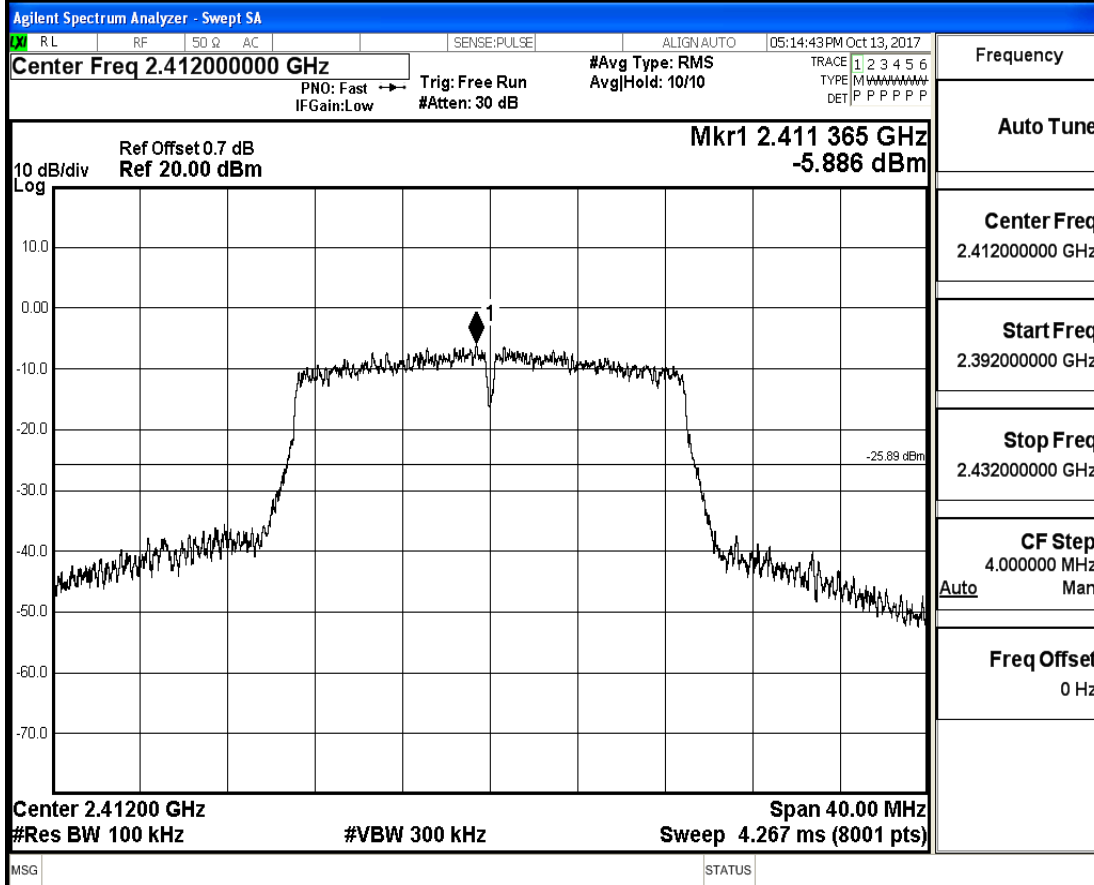
RF Conducted Spurious Emissions_11G_2437_Ant1



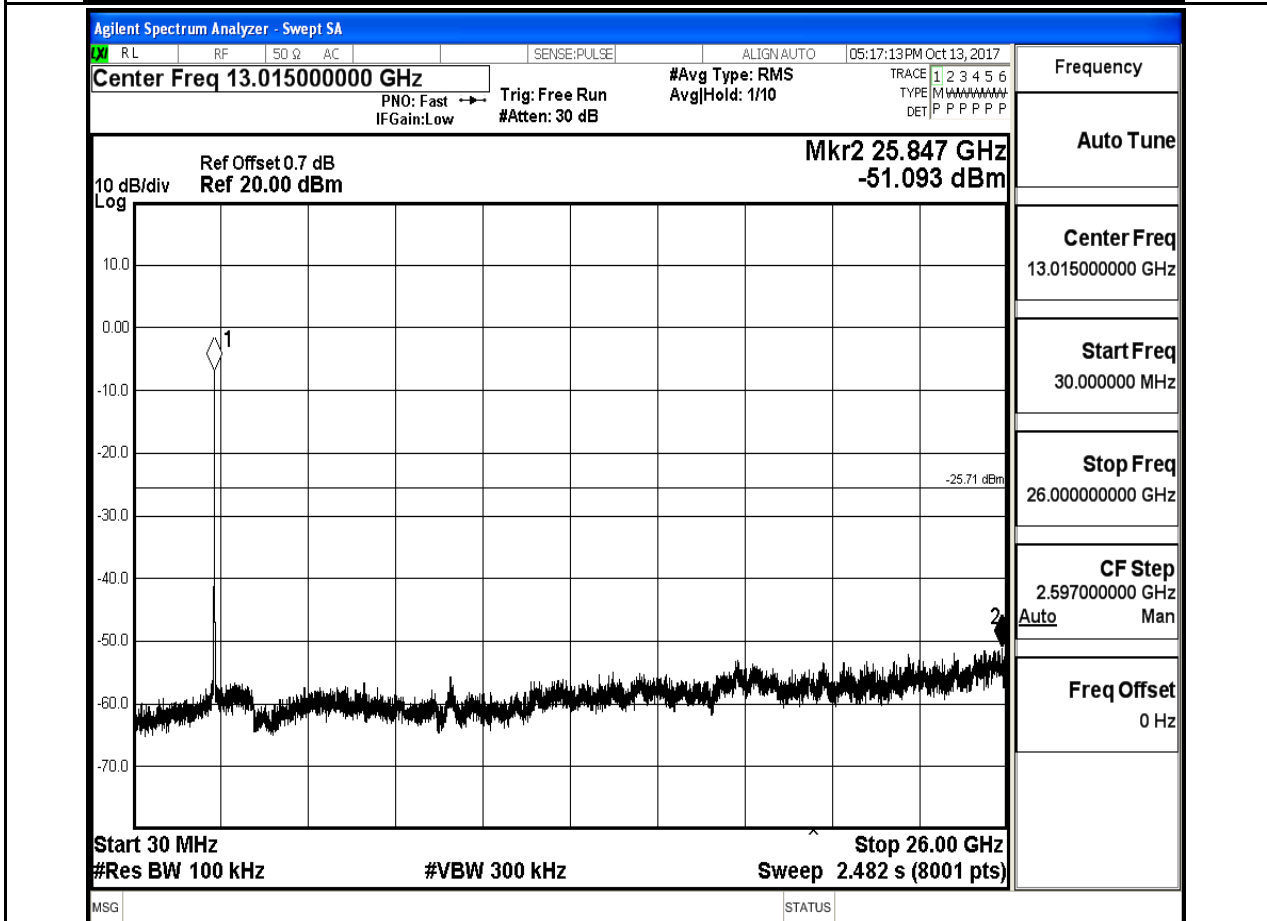
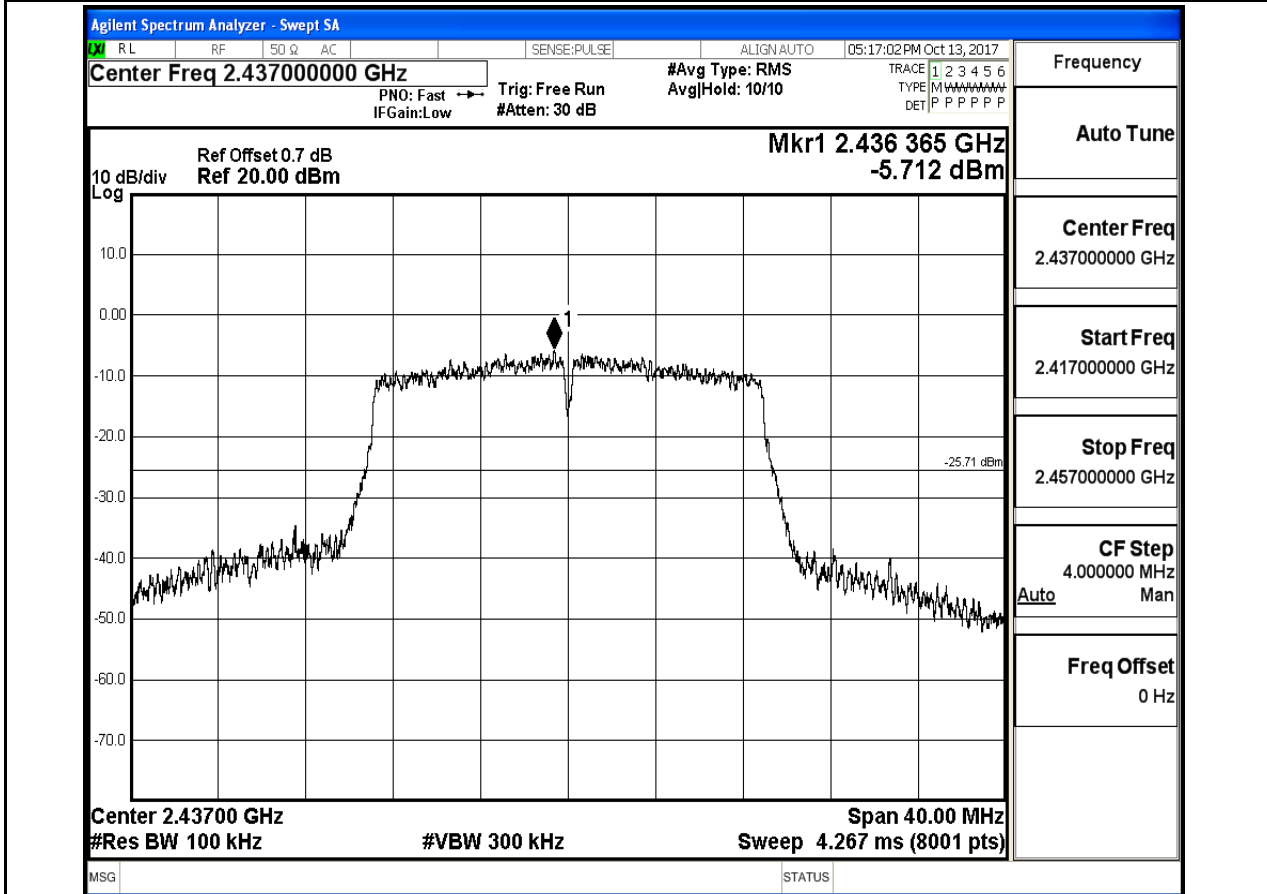
RF Conducted Spurious Emissions_11G_2462_Ant1



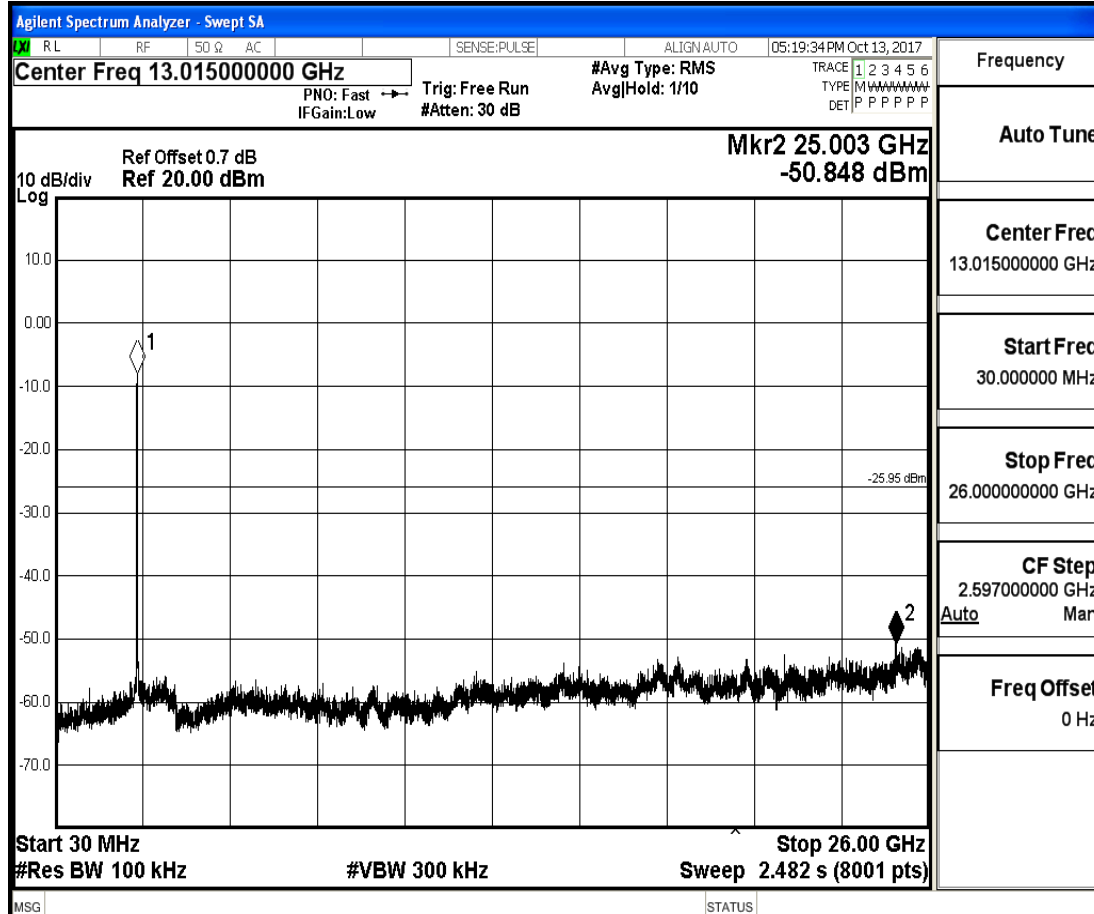
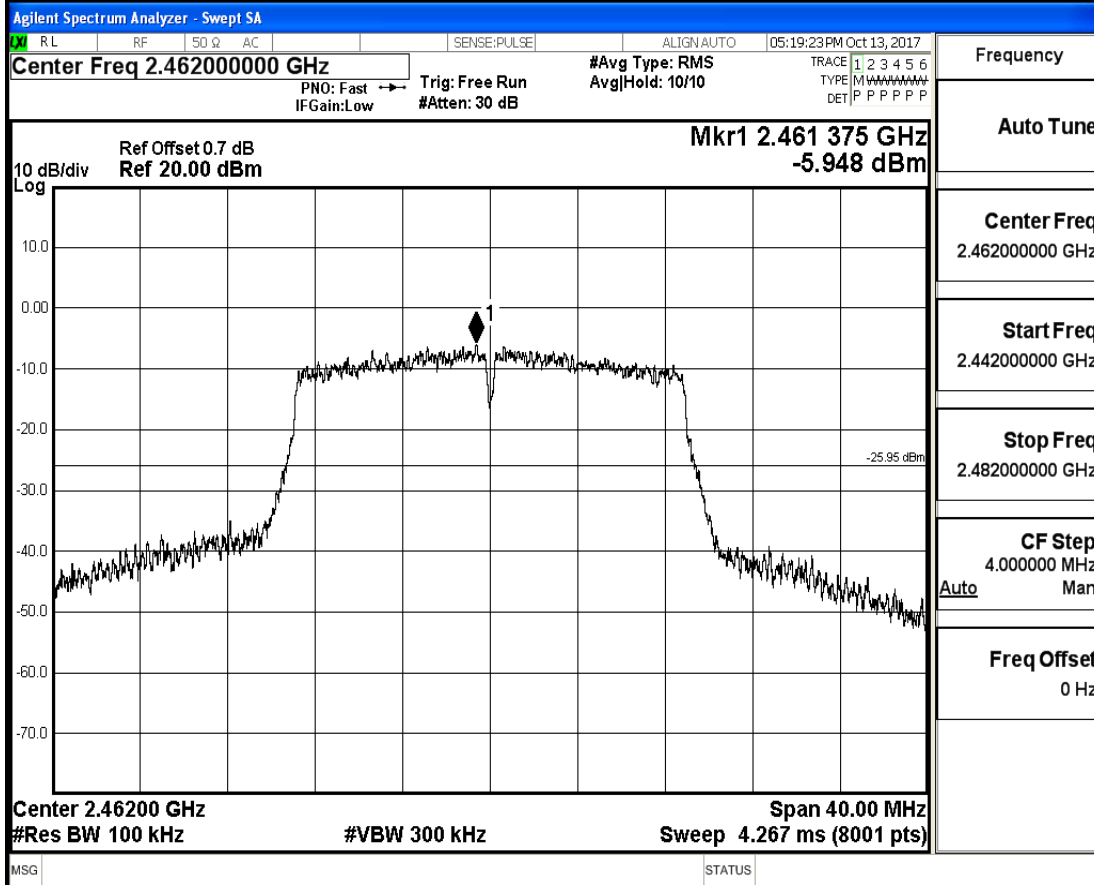
RF Conducted Spurious Emissions_11N20SISO_2412_Ant1



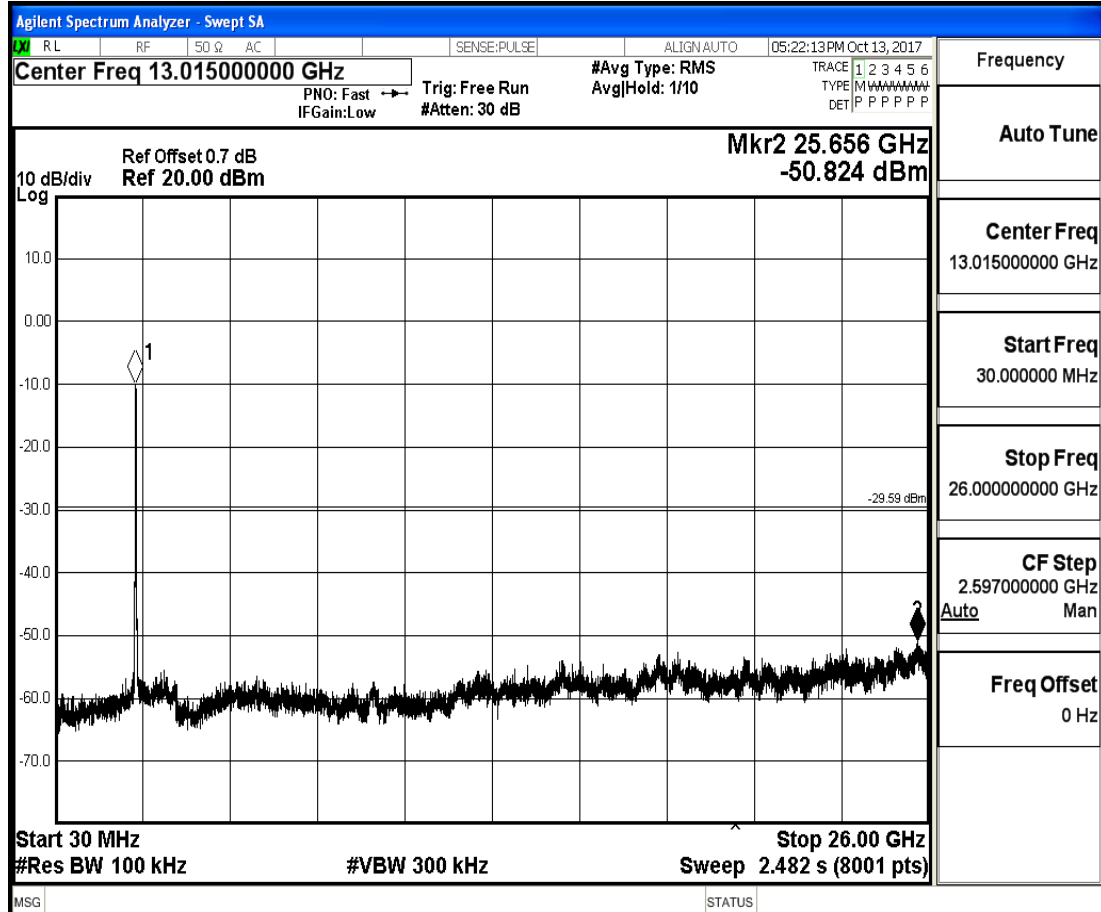
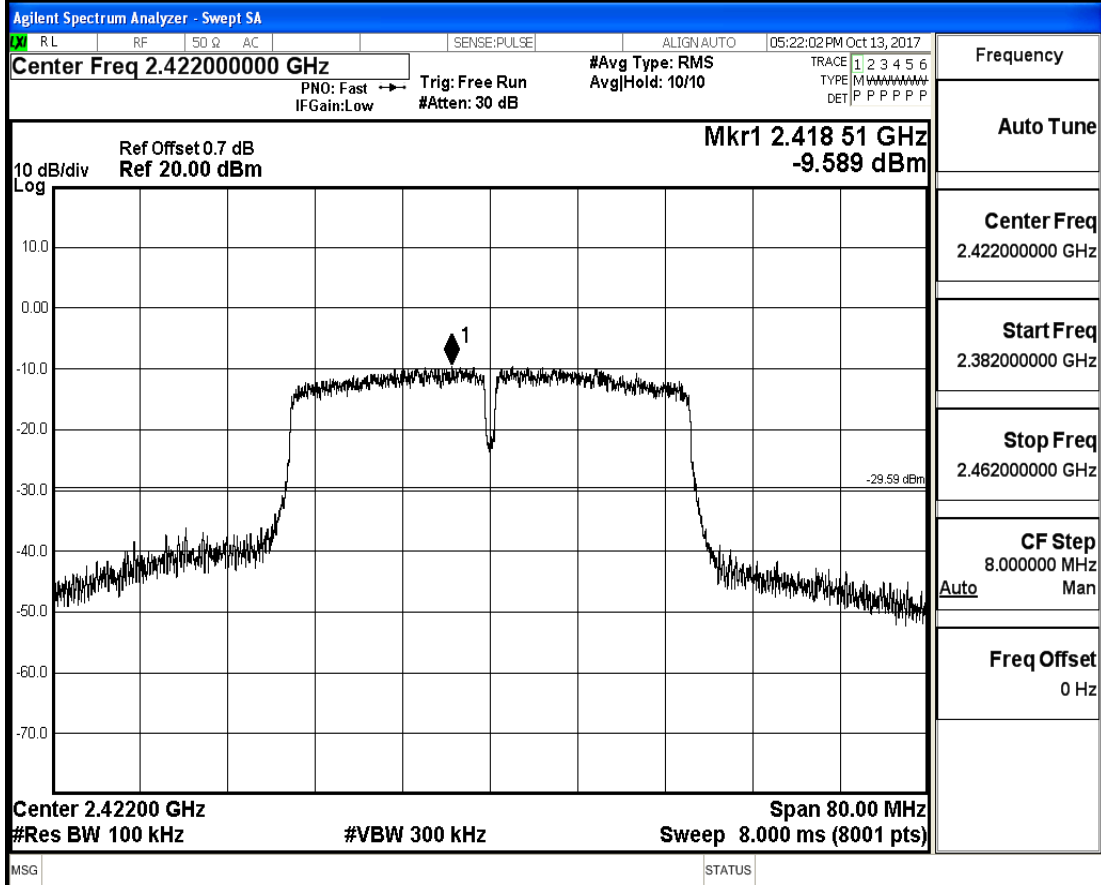
RF Conducted Spurious Emissions_11N20SISO_2437_Ant1



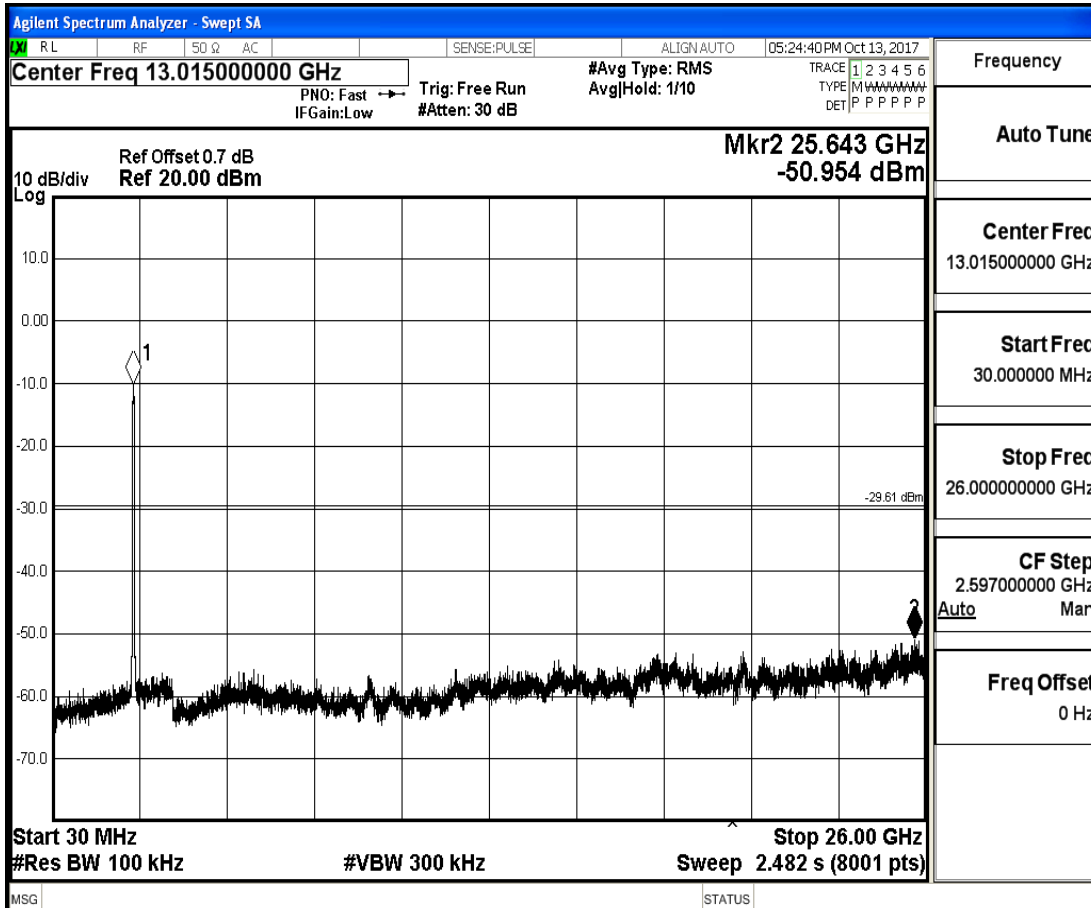
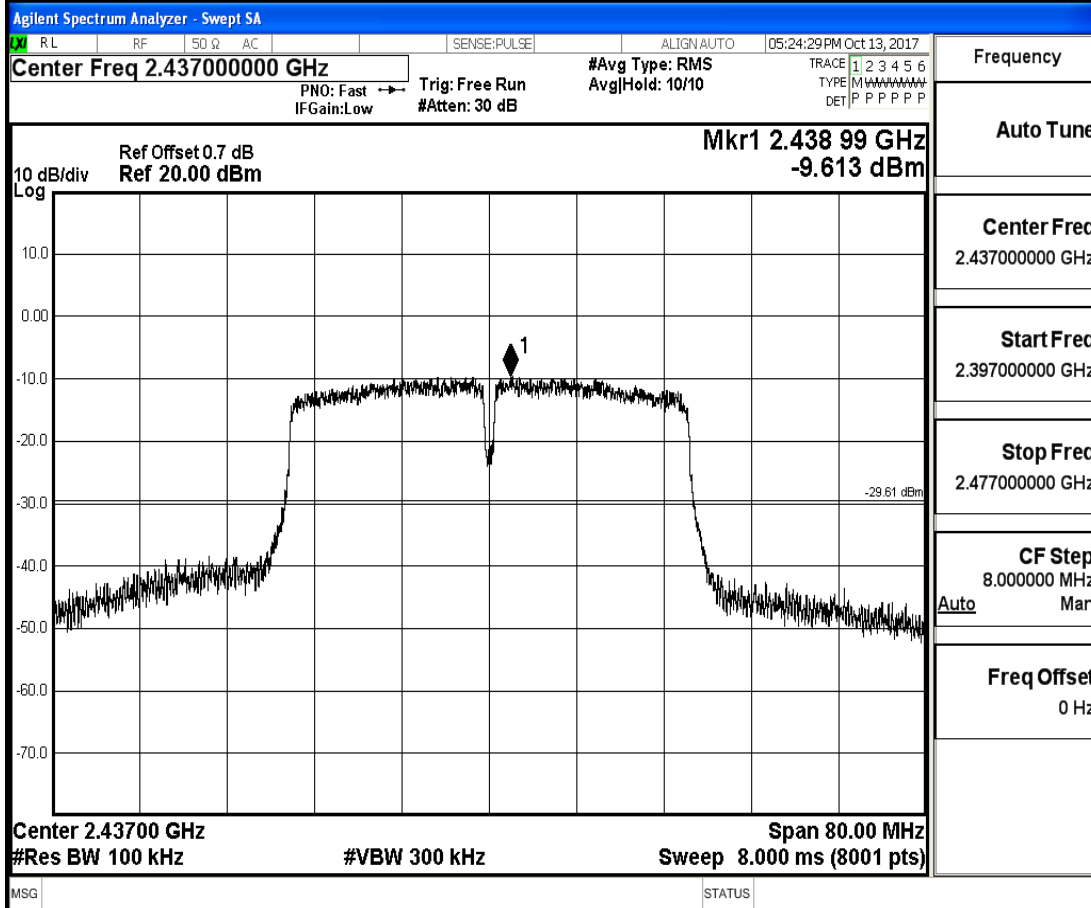
RF Conducted Spurious Emissions_11N20SISO_2462_Ant1



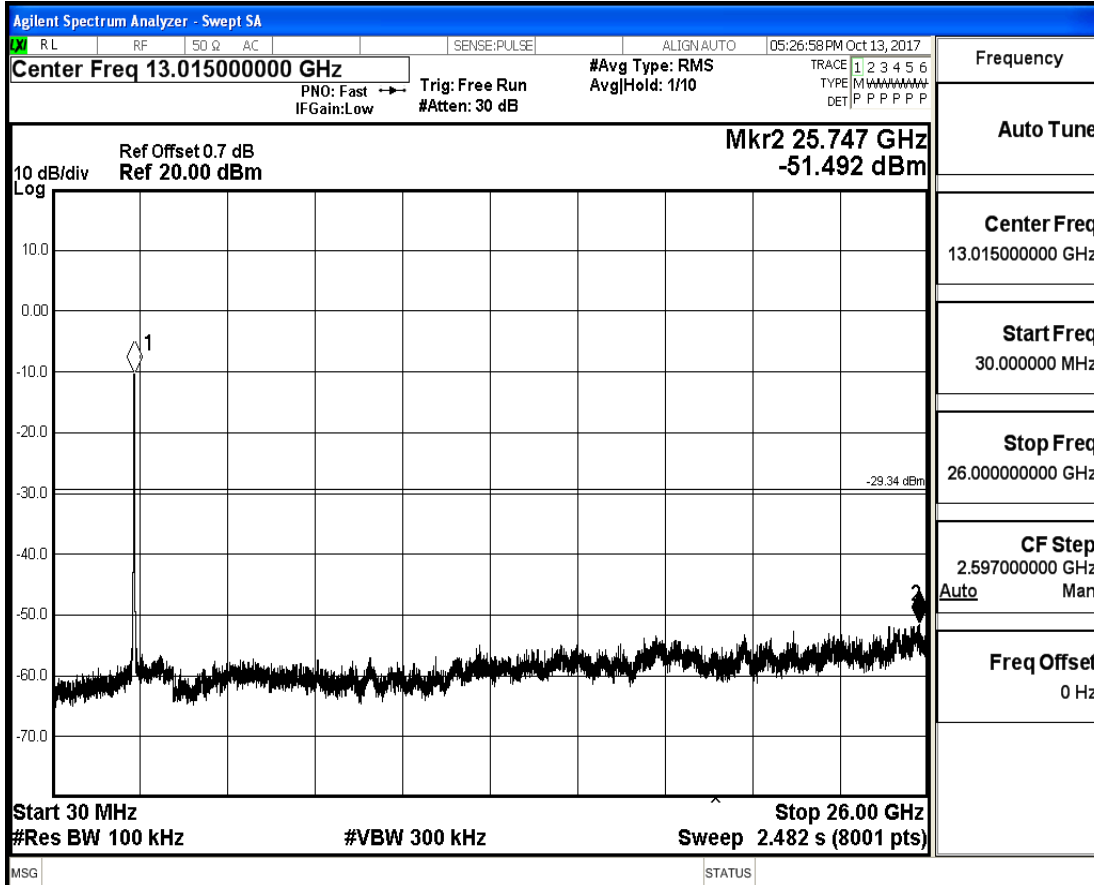
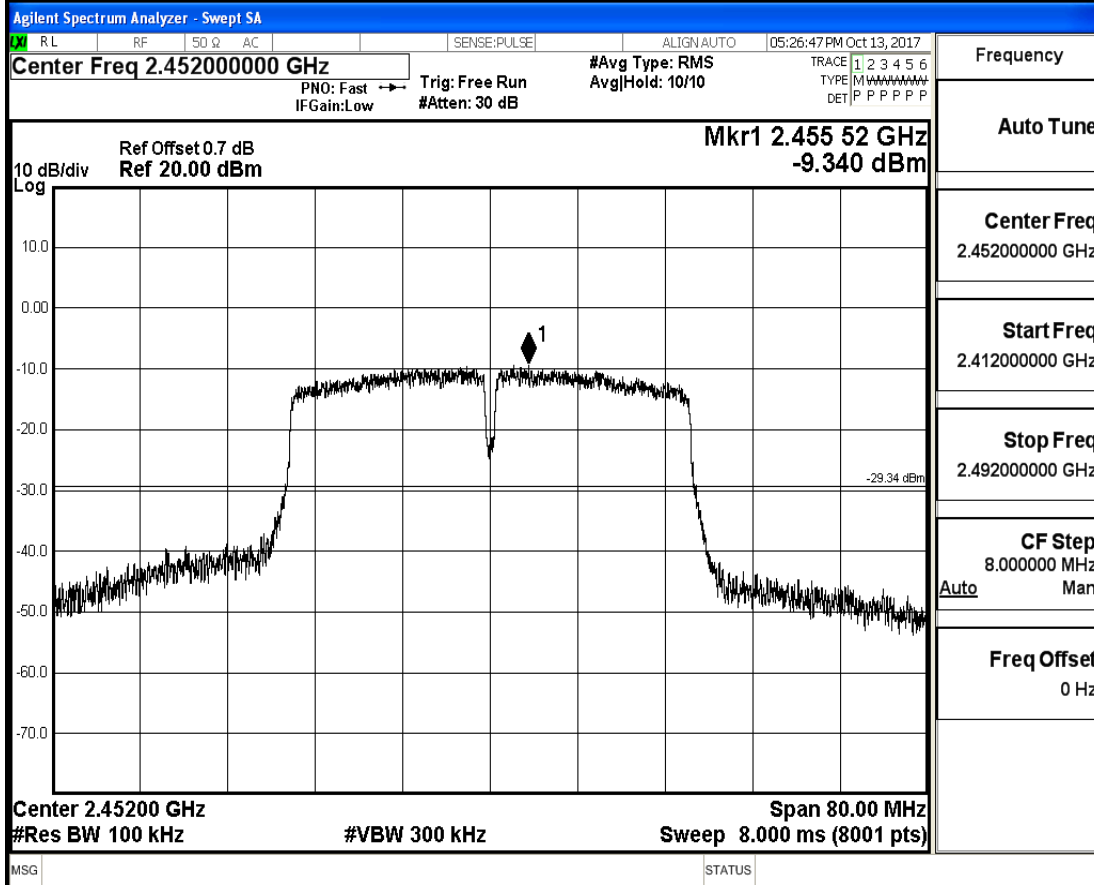
RF Conducted Spurious Emissions_11N40SISO_2422_Ant1



RF Conducted Spurious Emissions_11N40SISO_2437_Ant1



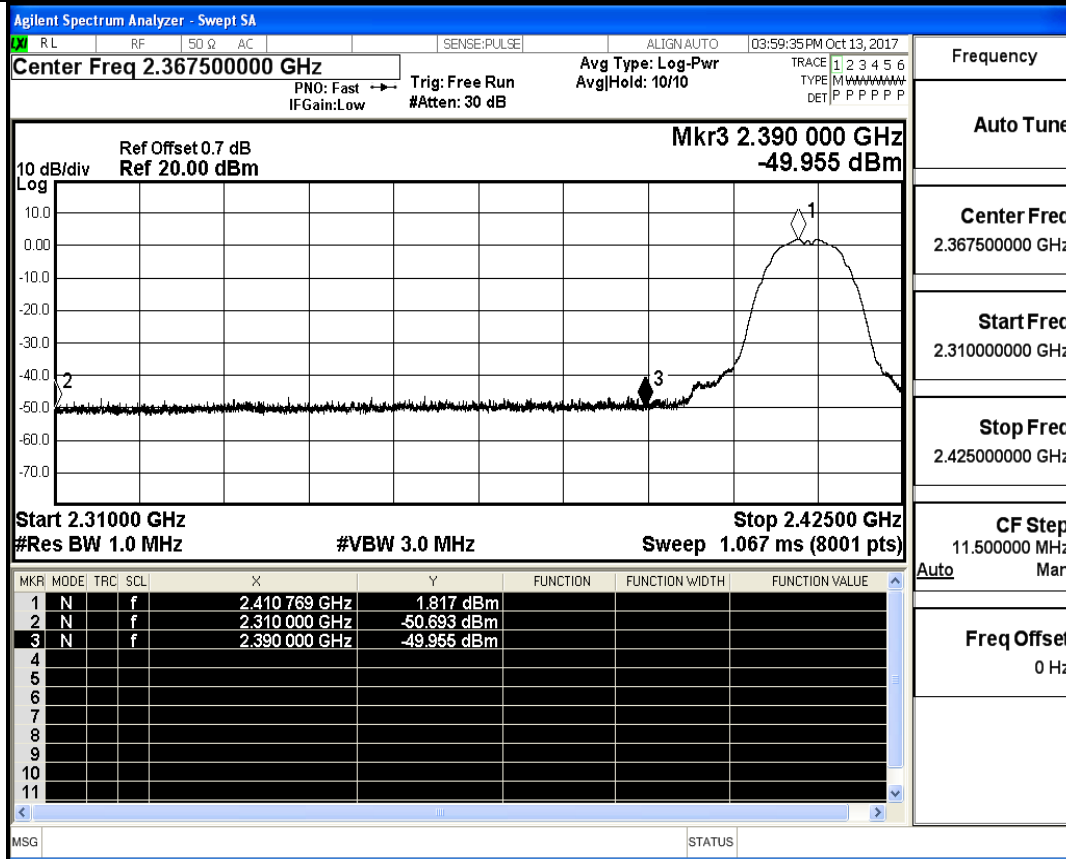
RF Conducted Spurious Emissions_11N40SISO_2452_Ant1



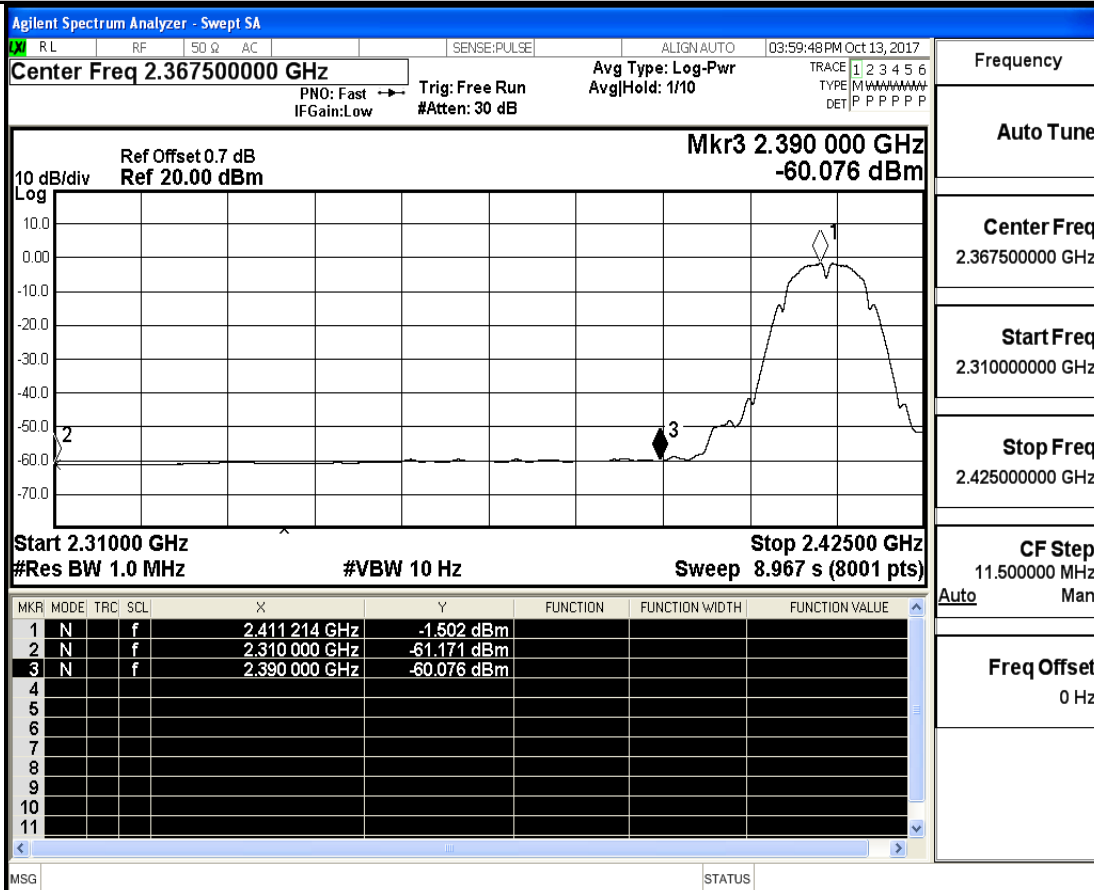
5.Restrict-band band-edge measurements

Test Mode	Test Channel	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
11B	2412	Ant1	2310.0	-50.69	2.50	0	47.070	PEAK	74	PASS
11B	2412	Ant1	2310.0	-61.17	2.50	0	36.590	AV	54	PASS
11B	2412	Ant1	2390.0	-49.96	2.50	0	47.800	PEAK	74	PASS
11B	2412	Ant1	2390.0	-60.08	2.50	0	37.680	AV	54	PASS
11B	2462	Ant1	2483.5	-49.95	2.50	0	47.810	PEAK	74	PASS
11B	2462	Ant1	2483.5	-59.52	2.50	0	38.240	AV	54	PASS
11B	2462	Ant1	2500.0	-49.27	2.50	0	48.490	PEAK	74	PASS
11B	2462	Ant1	2500.0	-59.96	2.50	0	37.800	AV	54	PASS
11G	2412	Ant1	2310.0	-50.14	2.50	0	47.620	PEAK	74	PASS
11G	2412	Ant1	2310.0	-60.99	2.50	0	36.770	AV	54	PASS
11G	2412	Ant1	2390.0	-44.95	2.50	0	52.810	PEAK	74	PASS
11G	2412	Ant1	2390.0	-56.81	2.50	0	40.950	AV	54	PASS
11G	2462	Ant1	2483.5	-40.40	2.50	0	57.360	PEAK	74	PASS
11G	2462	Ant1	2483.5	-54.90	2.50	0	42.860	AV	54	PASS
11G	2462	Ant1	2500.0	-48.60	2.50	0	49.160	PEAK	74	PASS
11G	2462	Ant1	2500.0	-58.38	2.50	0	39.380	AV	54	PASS
11N20SISO	2412	Ant1	2310.0	-47.19	2.50	0	50.570	PEAK	74	PASS
11N20SISO	2412	Ant1	2310.0	-60.99	2.50	0	36.770	AV	54	PASS
11N20SISO	2412	Ant1	2390.0	-31.85	2.50	0	65.910	PEAK	74	PASS
11N20SISO	2412	Ant1	2390.0	-50.55	2.50	0	47.210	AV	54	PASS
11N20SISO	2462	Ant1	2483.5	-41.02	2.50	0	56.740	PEAK	74	PASS
11N20SISO	2462	Ant1	2483.5	-53.65	2.50	0	44.110	AV	54	PASS
11N20SISO	2462	Ant1	2500.0	-48.32	2.50	0	49.440	PEAK	74	PASS
11N20SISO	2462	Ant1	2500.0	-58.33	2.50	0	39.430	AV	54	PASS
11N40SISO	2422	Ant1	2310.0	-50.59	2.50	0	47.170	PEAK	74	PASS
11N40SISO	2422	Ant1	2310.0	-61.05	2.50	0	36.710	AV	54	PASS
11N40SISO	2422	Ant1	2390.0	-32.01	2.50	0	65.750	PEAK	74	PASS
11N40SISO	2422	Ant1	2390.0	-44.29	2.50	0	53.470	AV	54	PASS
11N40SISO	2452	Ant1	2483.5	-36.28	2.50	0	61.480	PEAK	74	PASS
11N40SISO	2452	Ant1	2483.5	-48.39	2.50	0	49.370	AV	54	PASS
11N40SISO	2452	Ant1	2500.0	-44.05	2.50	0	53.710	PEAK	74	PASS
11N40SISO	2452	Ant1	2500.0	-56.04	2.50	0	41.720	AV	54	PASS

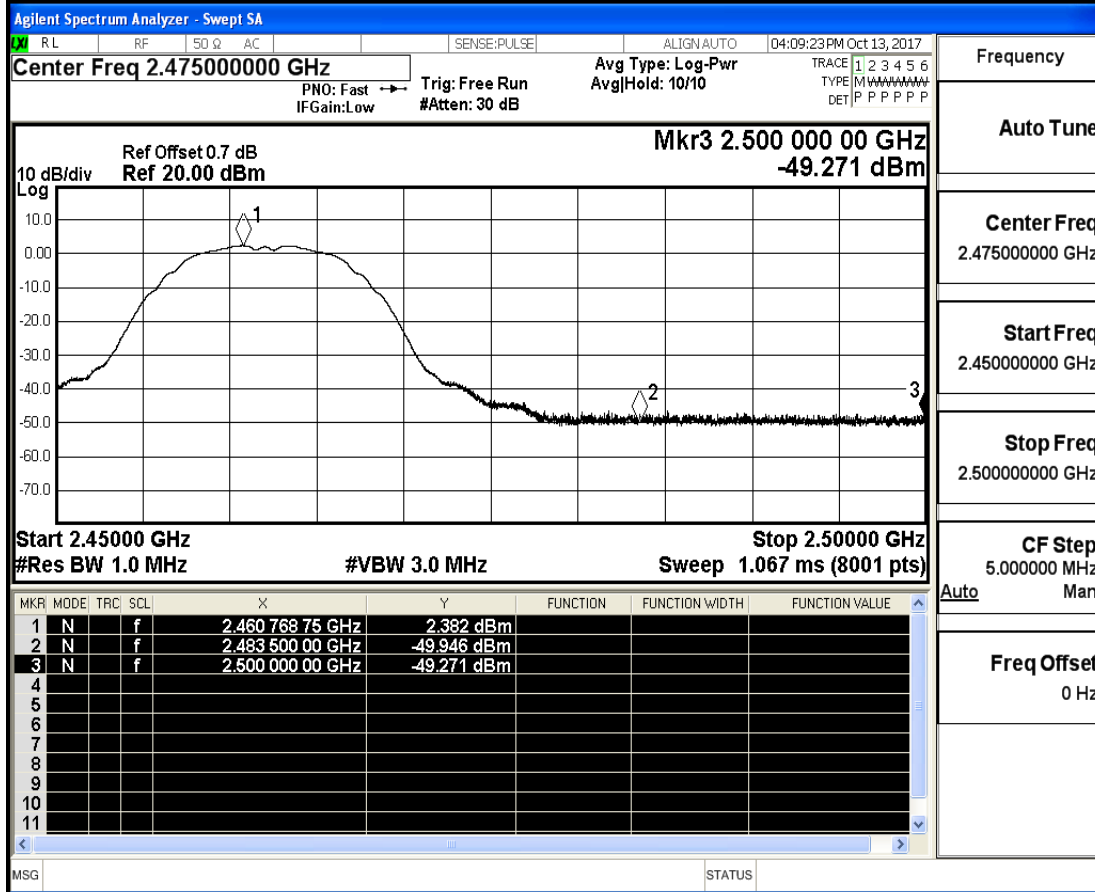
Restrict-band band-edge measurements_11B_2412_Ant1_PEAK



Restrict-band band-edge measurements_11B_2412_Ant1_AV



Restrict-band band-edge measurements_11B_2462_Ant1_PEAK



Frequency

Auto Tune

Center Freq
2.475000000 GHz

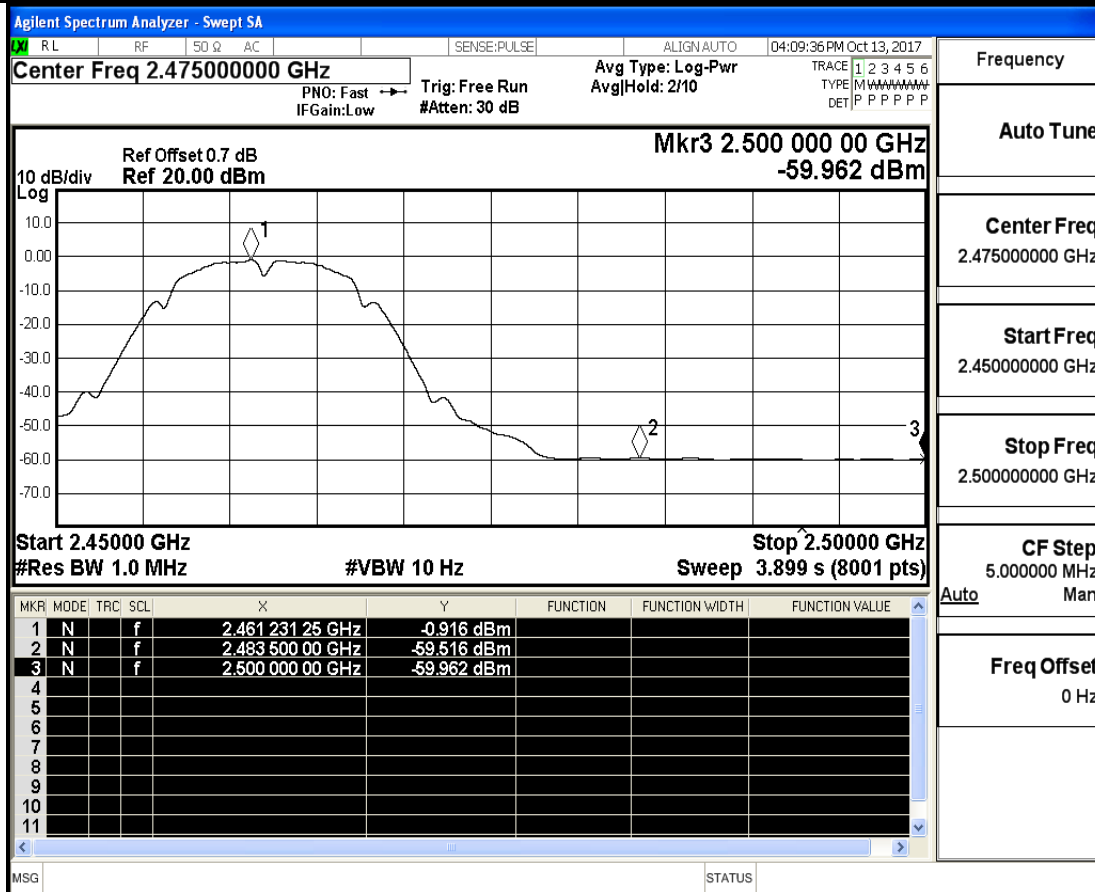
Start Freq
2.450000000 GHz

Stop Freq
2.500000000 GHz

CF Step
5.000000 MHz
Auto Man

Freq Offset
0 Hz

Restrict-band band-edge measurements_11B_2462_Ant1_AV



Frequency

Auto Tune

Center Freq
2.475000000 GHz

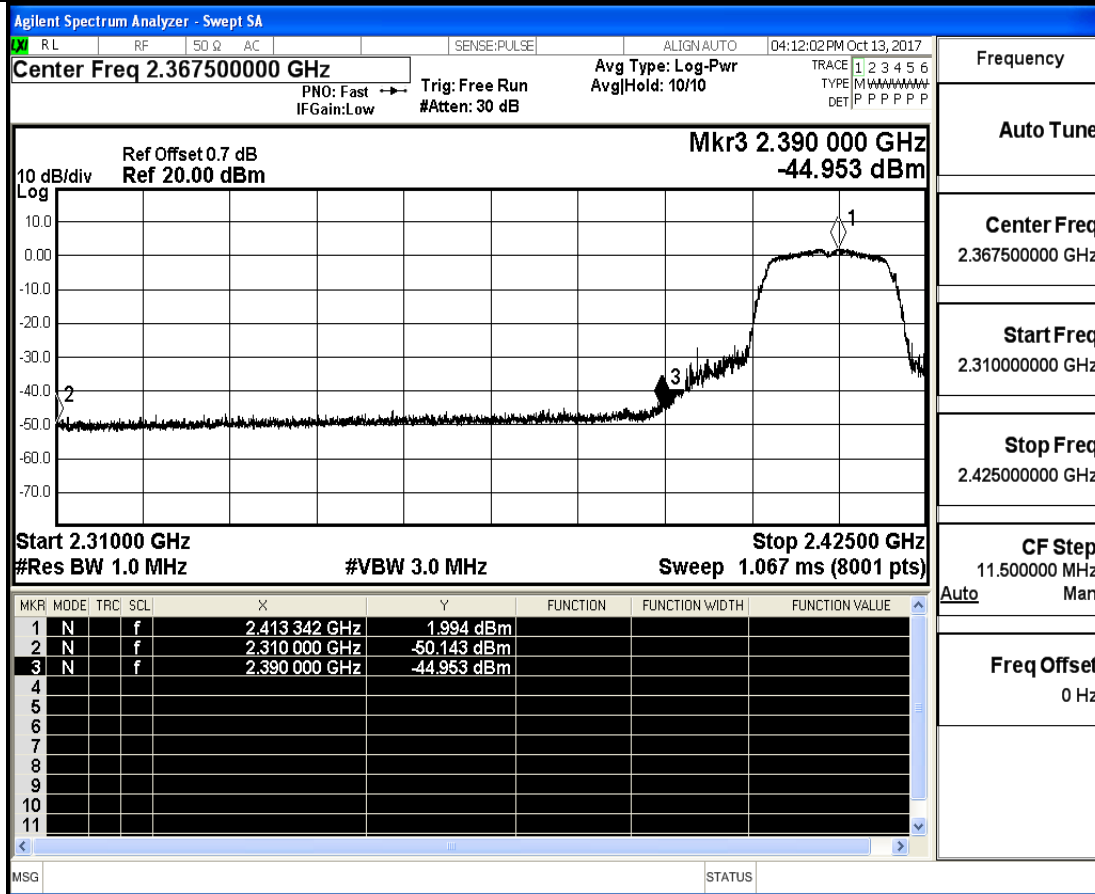
Start Freq
2.450000000 GHz

Stop Freq
2.500000000 GHz

CF Step
5.000000 MHz
Auto Man

Freq Offset
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Restrict-band band-edge measurements_11G_2412_Ant1_PEAK



Frequency

Auto Tune

Center Freq
2.367500000 GHz

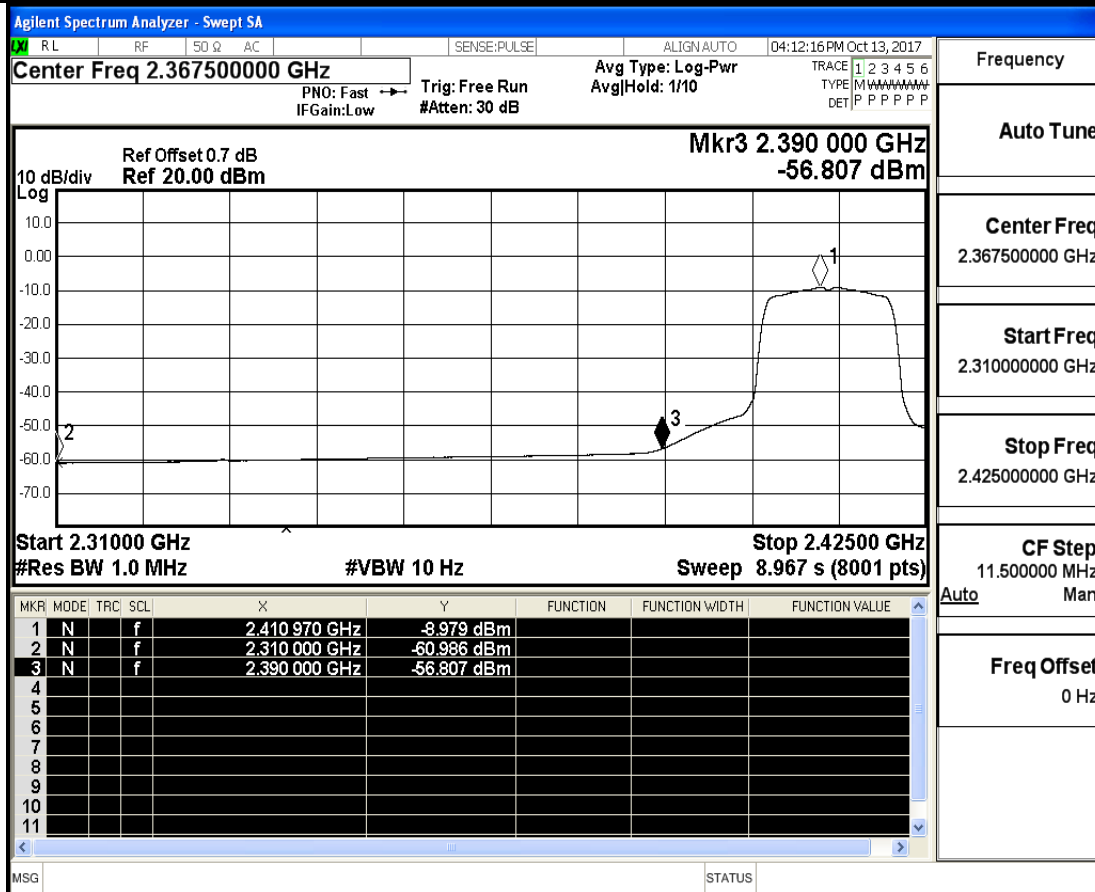
Start Freq
2.310000000 GHz

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

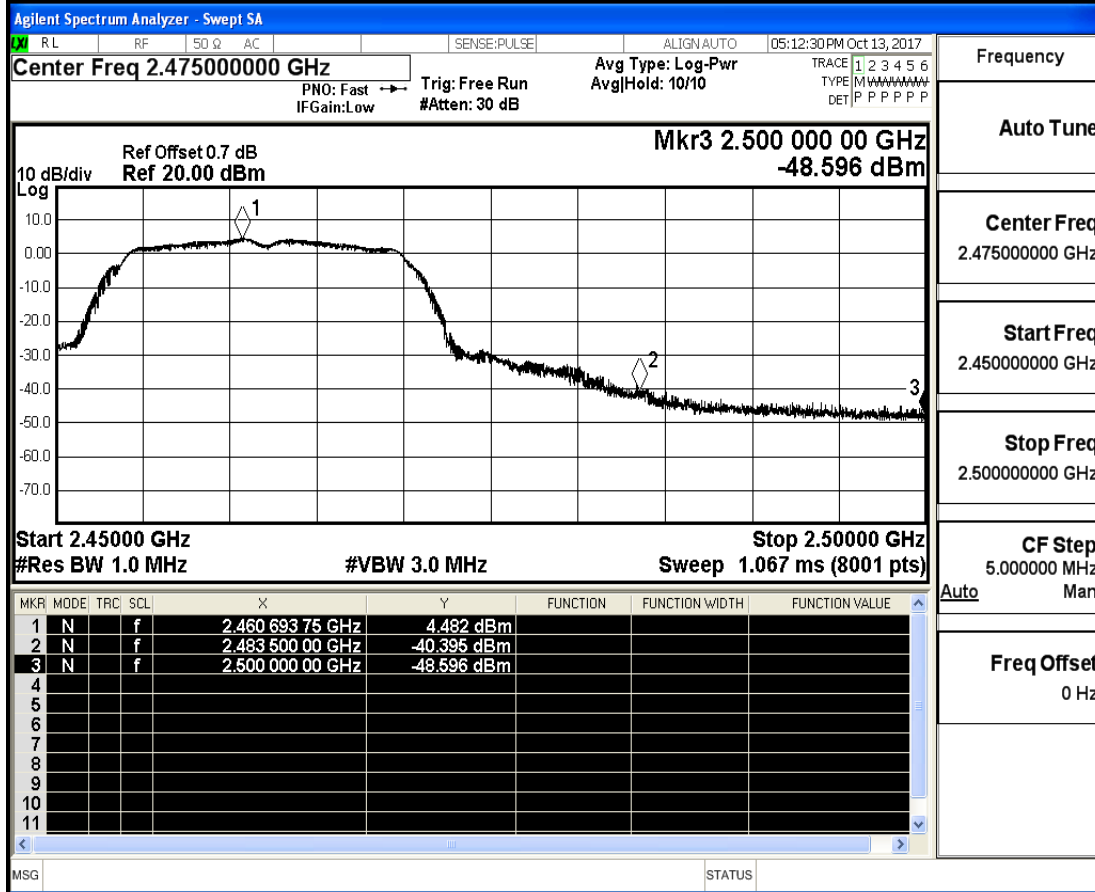
Start Freq
2.310000000 GHz

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



Frequency

Auto Tune

Center Freq
2.475000000 GHz

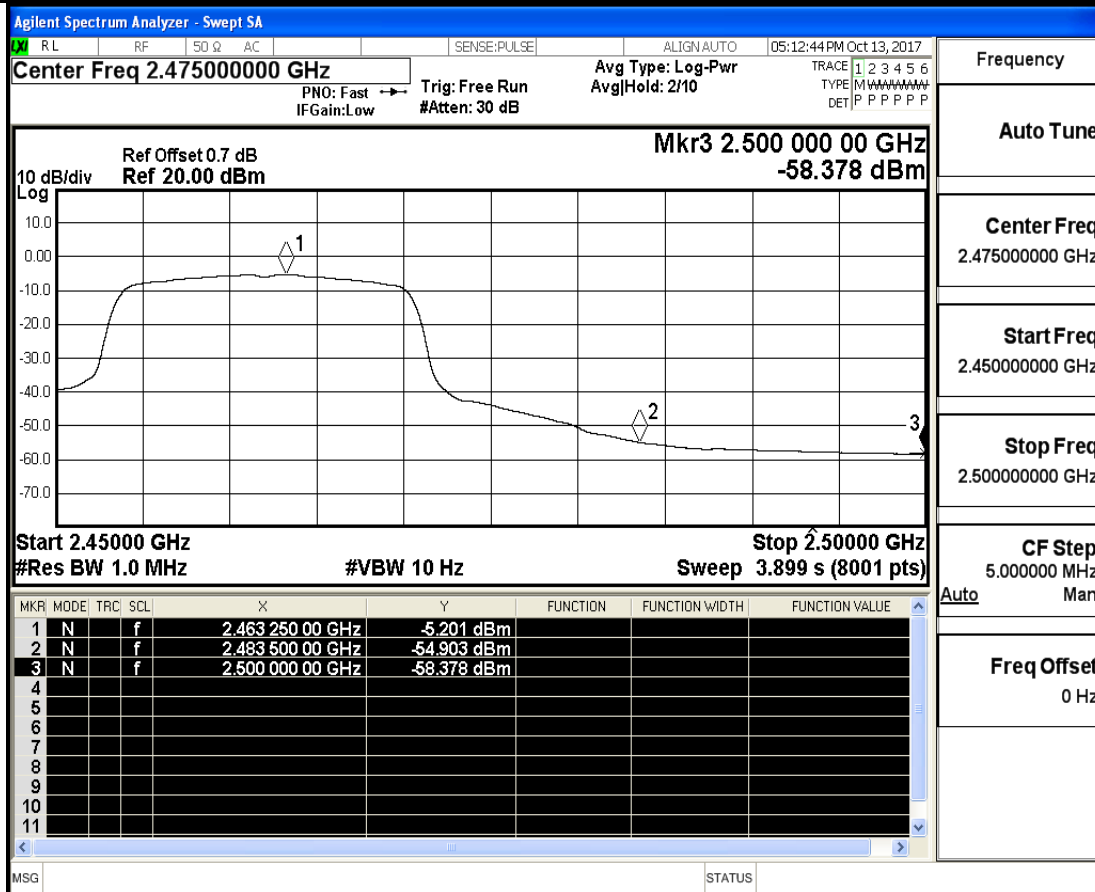
Start Freq
2.450000000 GHz

Stop Freq
2.500000000 GHz

CF Step
5.000000 MHz
Auto Man

Freq Offset
0 Hz

Restrict-band band-edge measurements_11G_2462_Ant1_AV



Frequency

Auto Tune

Center Freq
2.475000000 GHz

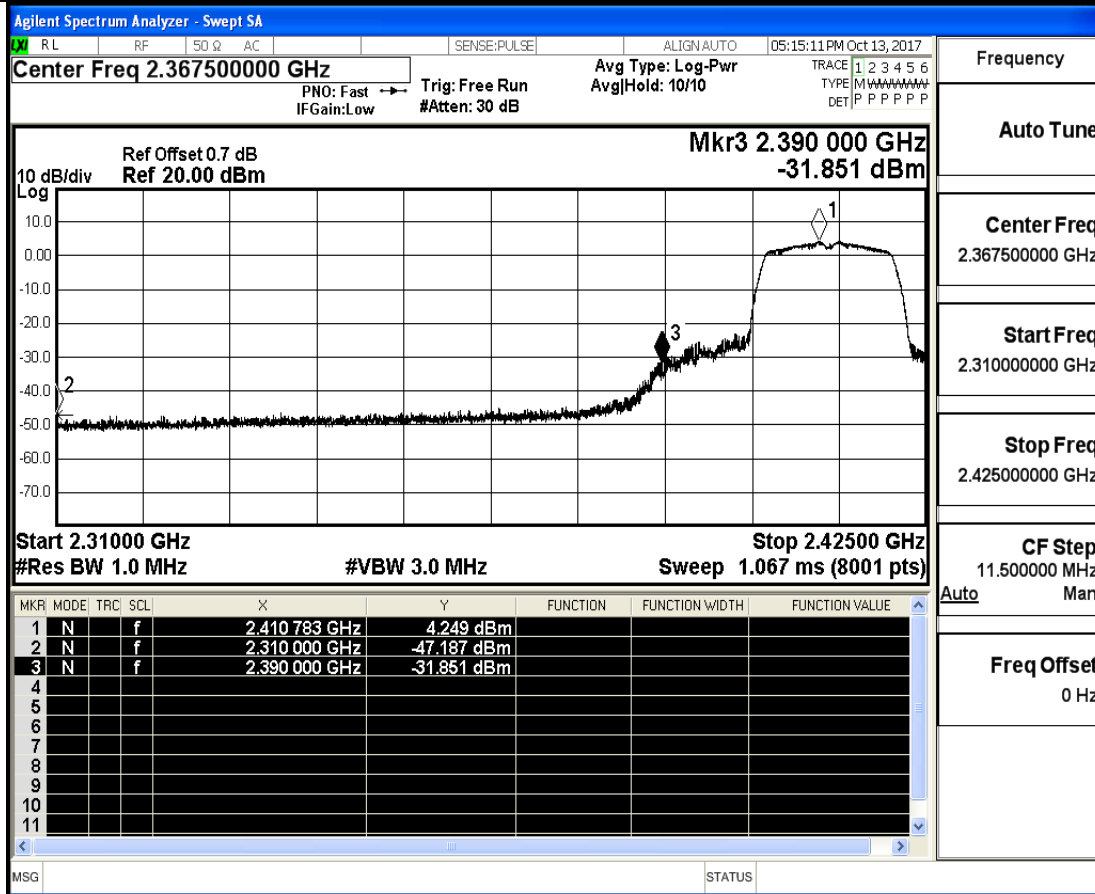
Start Freq
2.450000000 GHz

Stop Freq
2.500000000 GHz

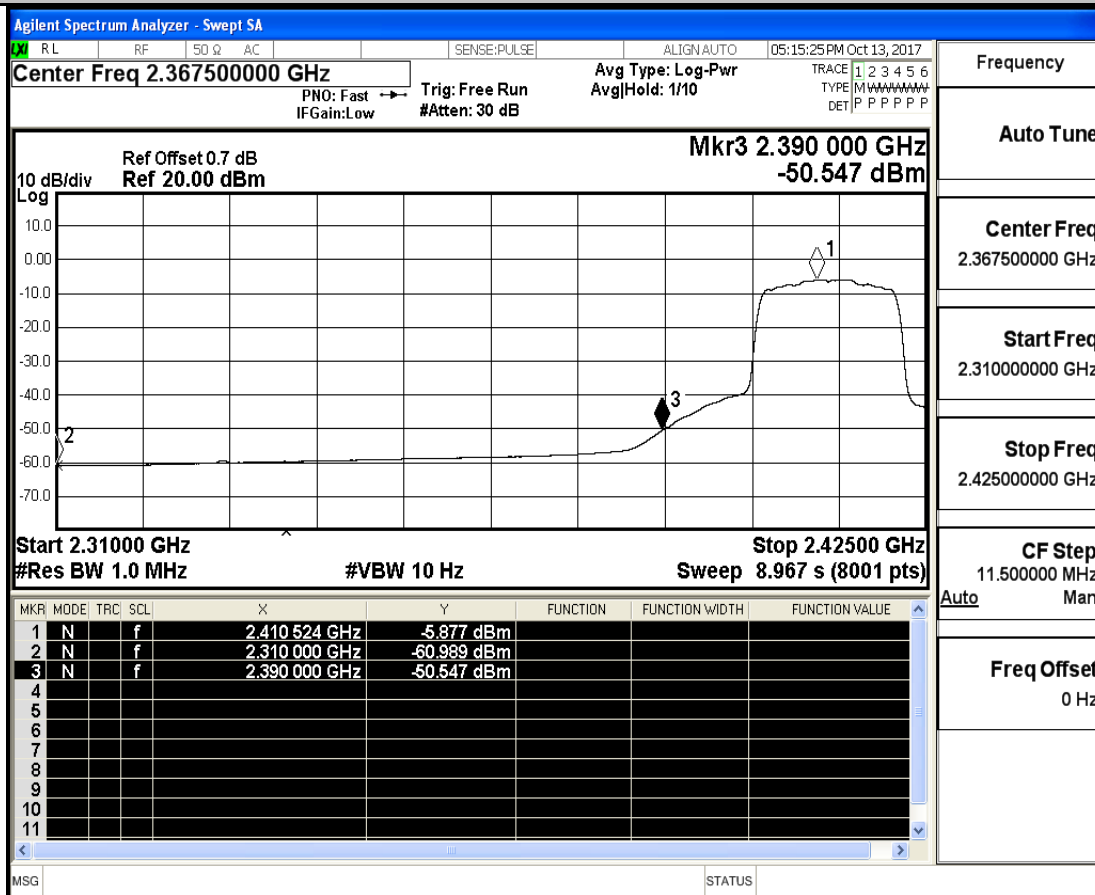
CF Step
5.000000 MHz
Auto Man

Freq Offset
0 Hz

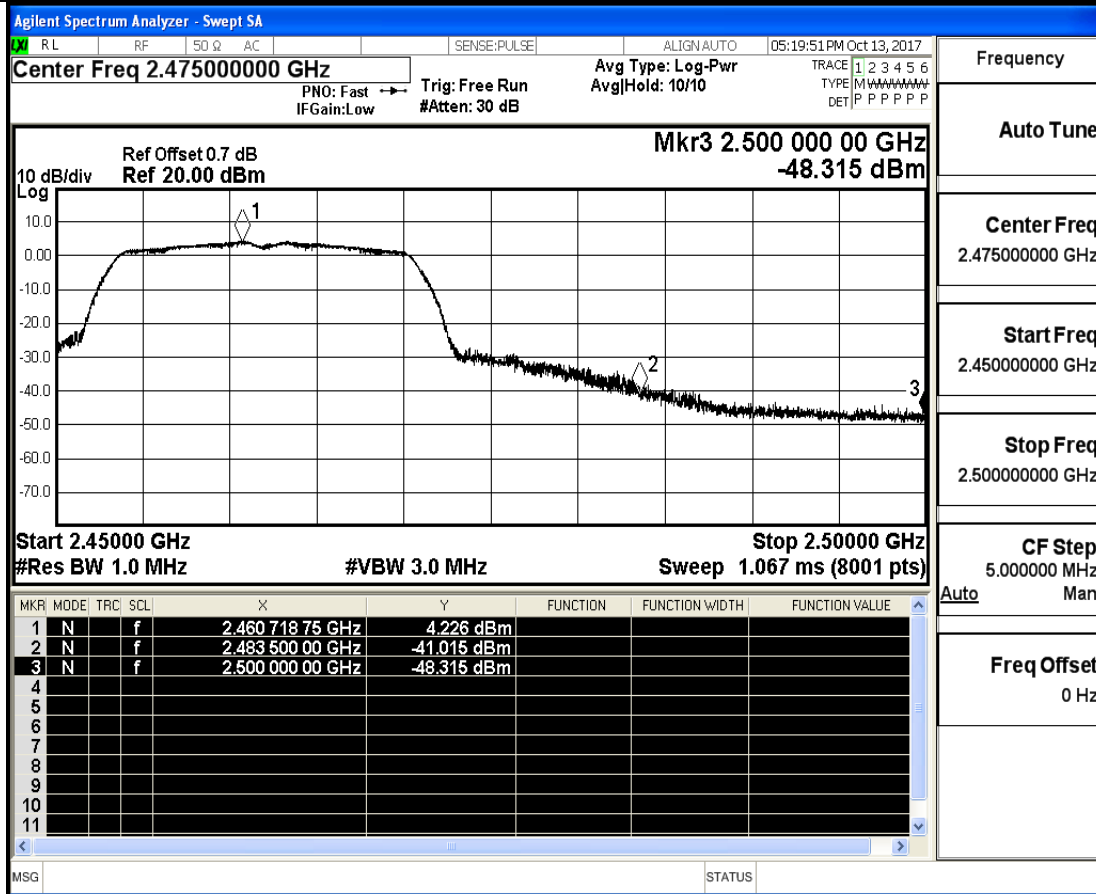
Restrict-band band-edge measurements_11N20SISO_2412_Ant1_PEAK



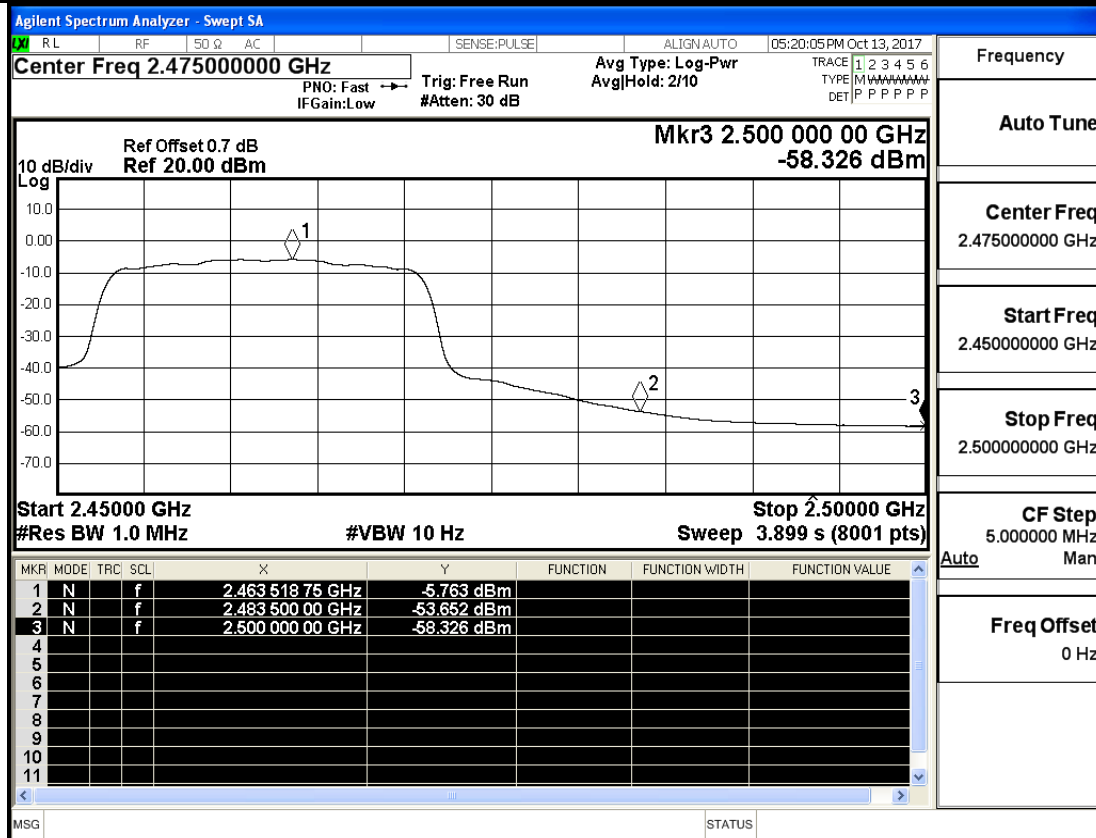
Restrict-band band-edge measurements_11N20SISO_2412_Ant1_AV



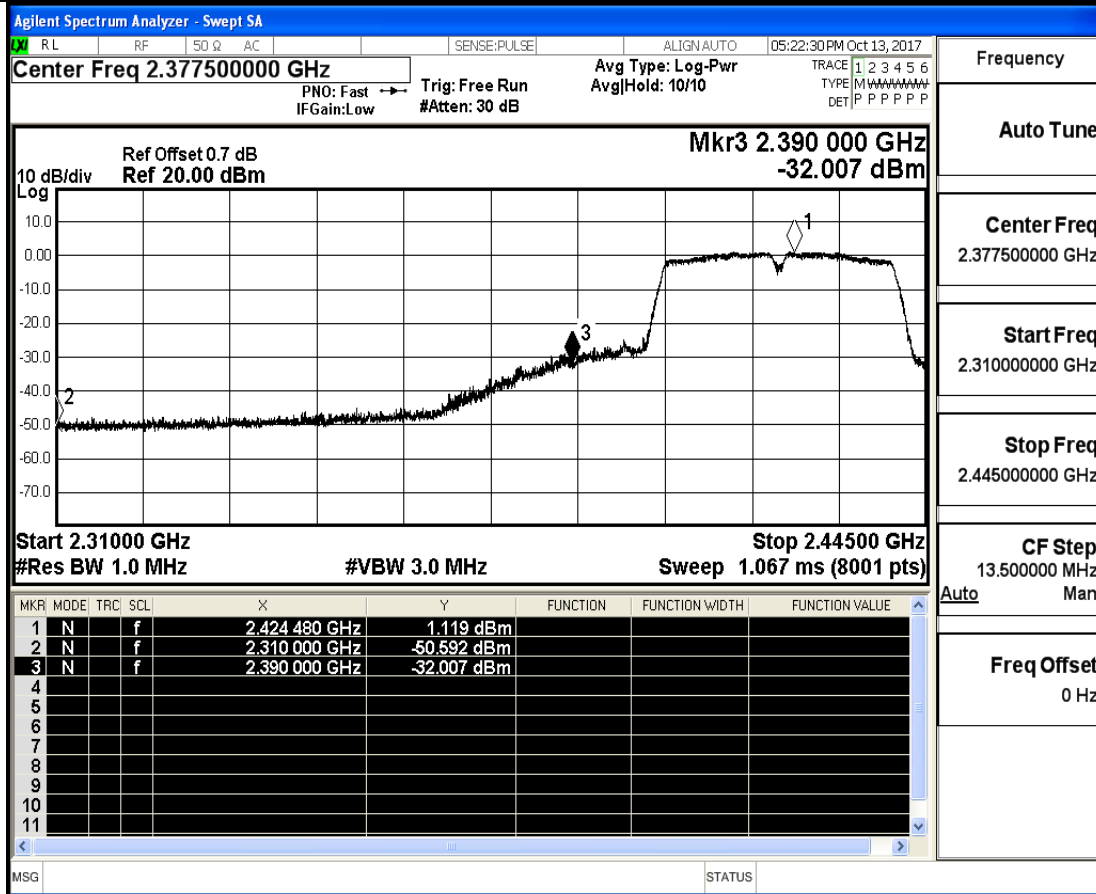
Restrict-band band-edge measurements_11N20SISO_2462_Ant1_PEAK



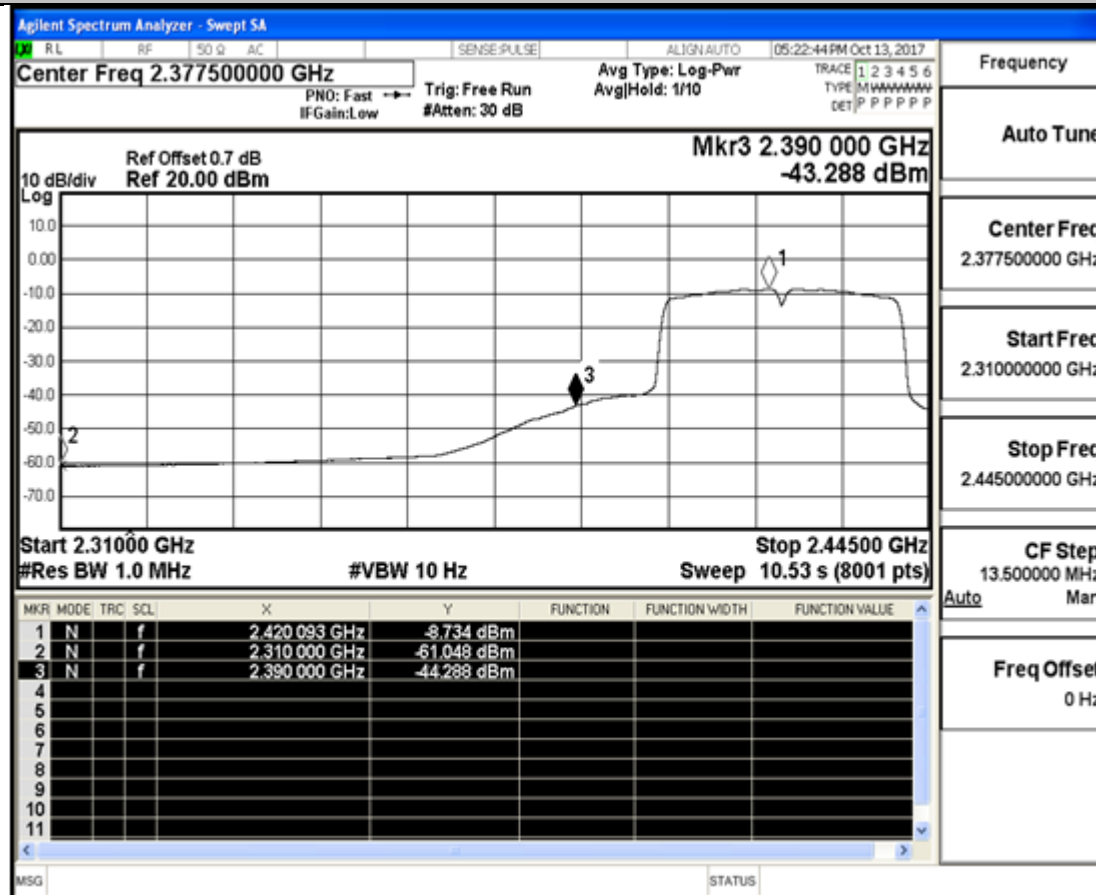
Restrict-band band-edge measurements_11N20SISO_2462_Ant1_AV

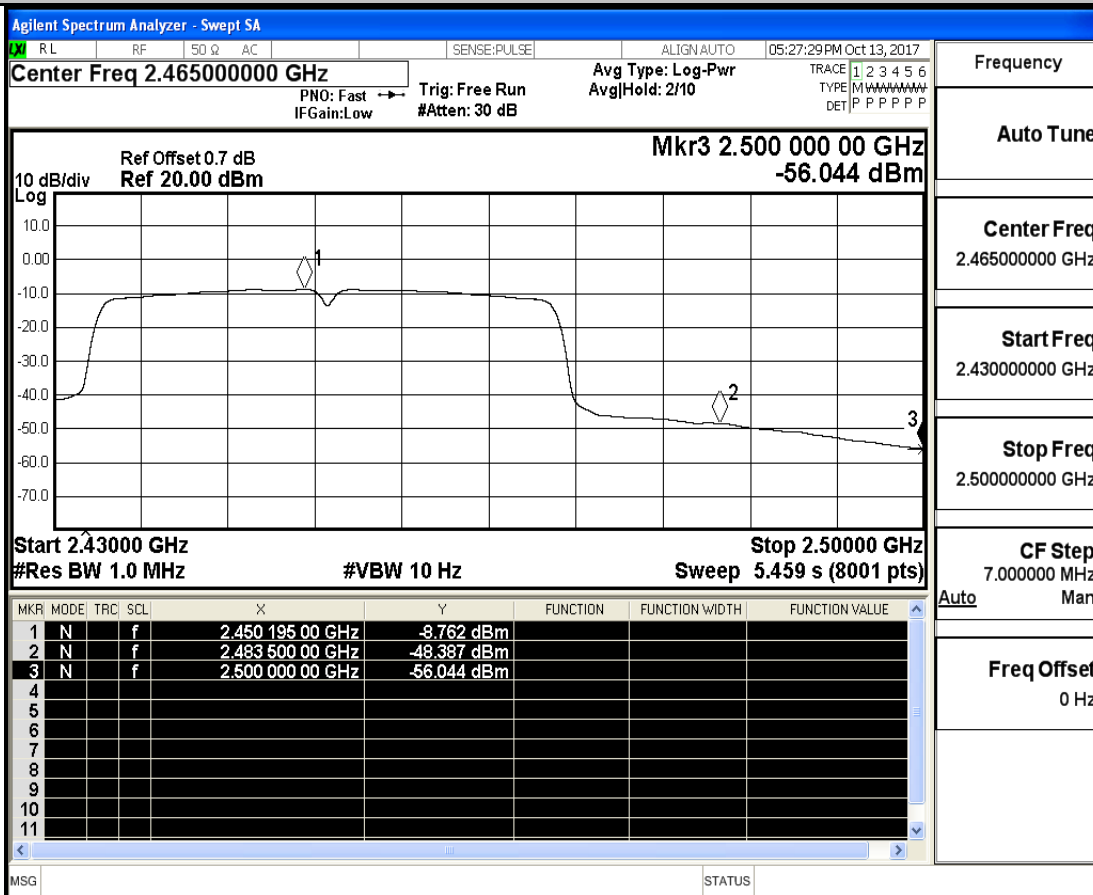
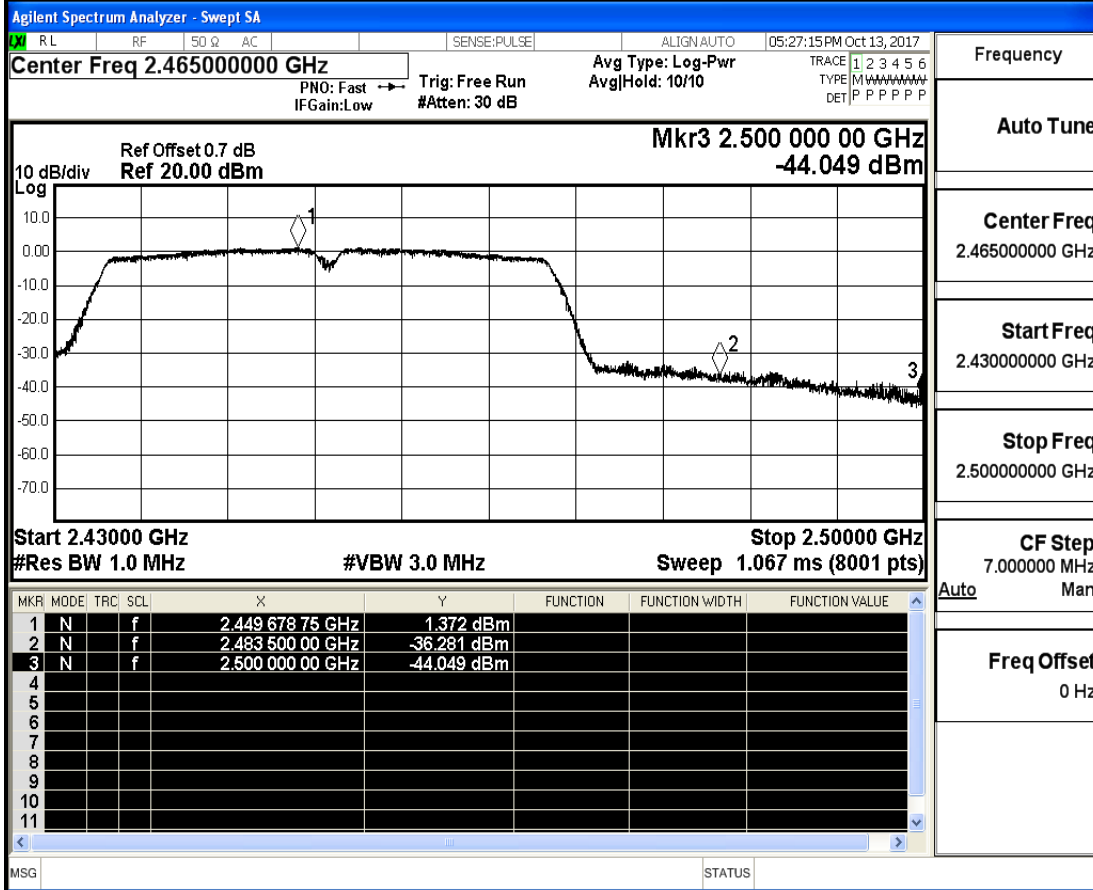


Restrict-band band-edge measurements_11N40SISO_2422_Ant1_PEAK



Restrict-band band-edge measurements_11N40SISO_2422_Ant1_AV





6.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

