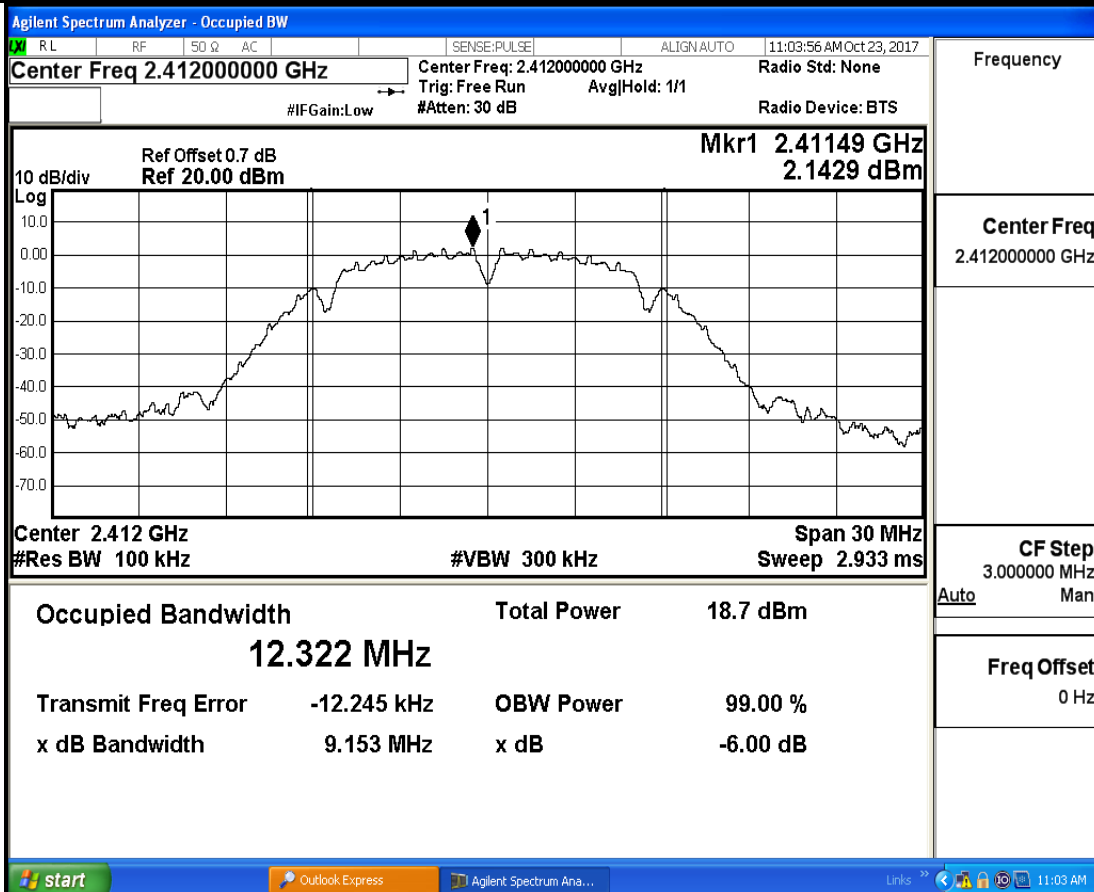


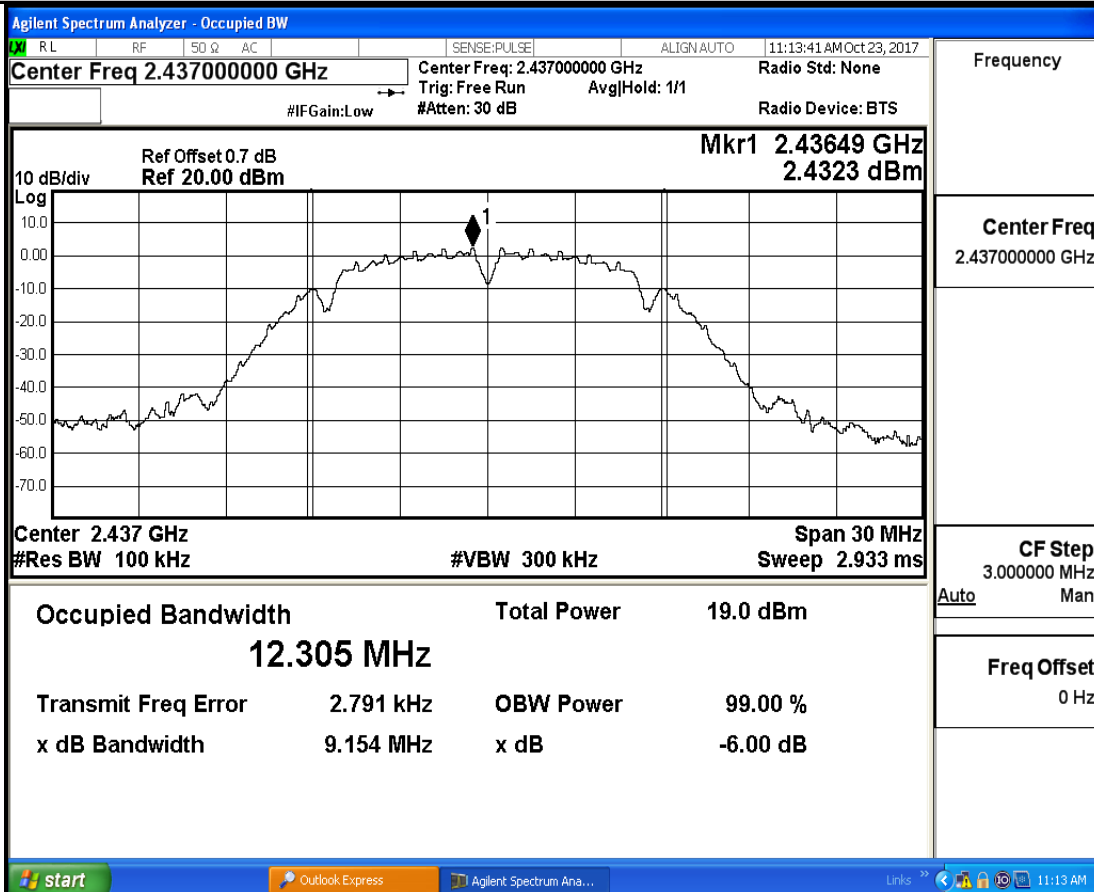
1.6dB Bandwidth

Test Mode	Test Channel	Ant	EBW[MHz]	Limit	Verdict
11B	2412	Ant1	9.153	0.5	PASS
11B	2437	Ant1	9.154	0.5	PASS
11B	2462	Ant1	9.153	0.5	PASS
11G	2412	Ant1	15.17	0.5	PASS
11G	2437	Ant1	15.16	0.5	PASS
11G	2462	Ant1	15.15	0.5	PASS
11N20SISO	2412	Ant1	15.16	0.5	PASS
11N20SISO	2437	Ant1	15.46	0.5	PASS
11N20SISO	2462	Ant1	15.14	0.5	PASS
11N40SISO	2422	Ant1	35.24	0.5	PASS
11N40SISO	2437	Ant1	35.24	0.5	PASS
11N40SISO	2452	Ant1	35.25	0.5	PASS

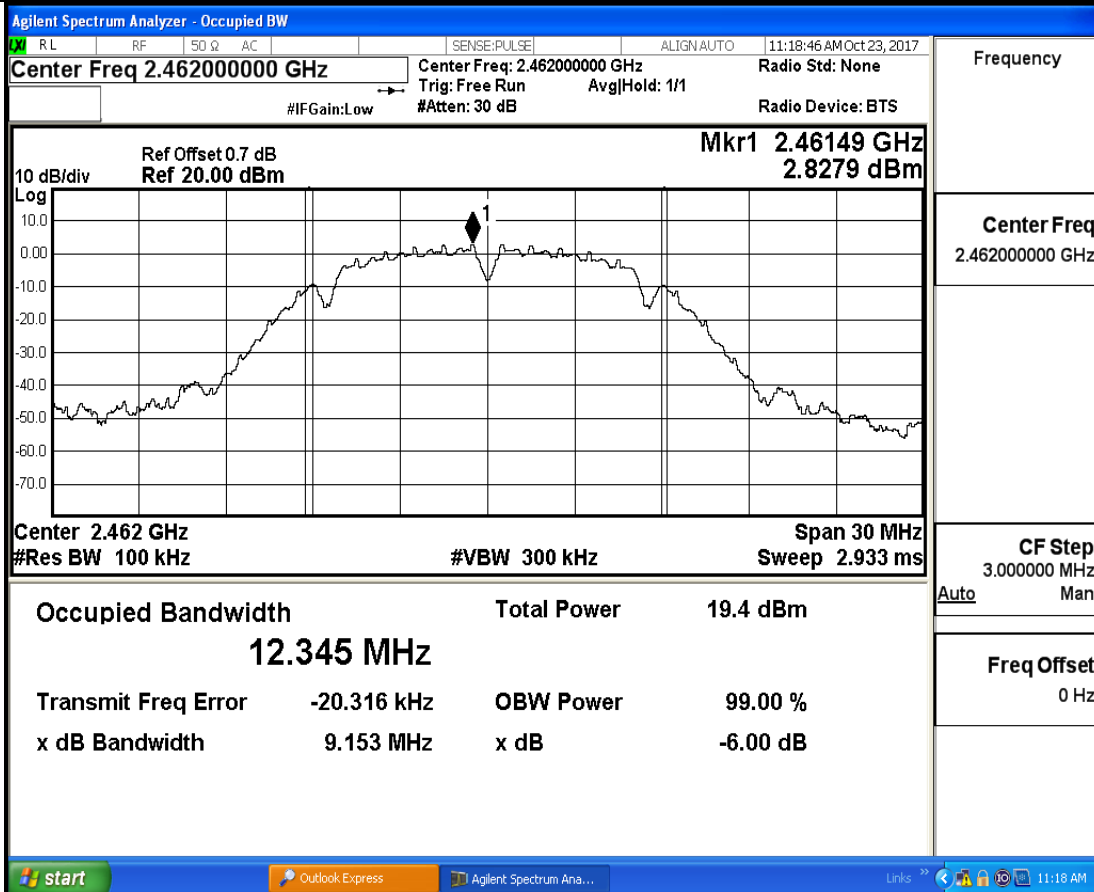
6dB Bandwidth_11B_2412_Ant1



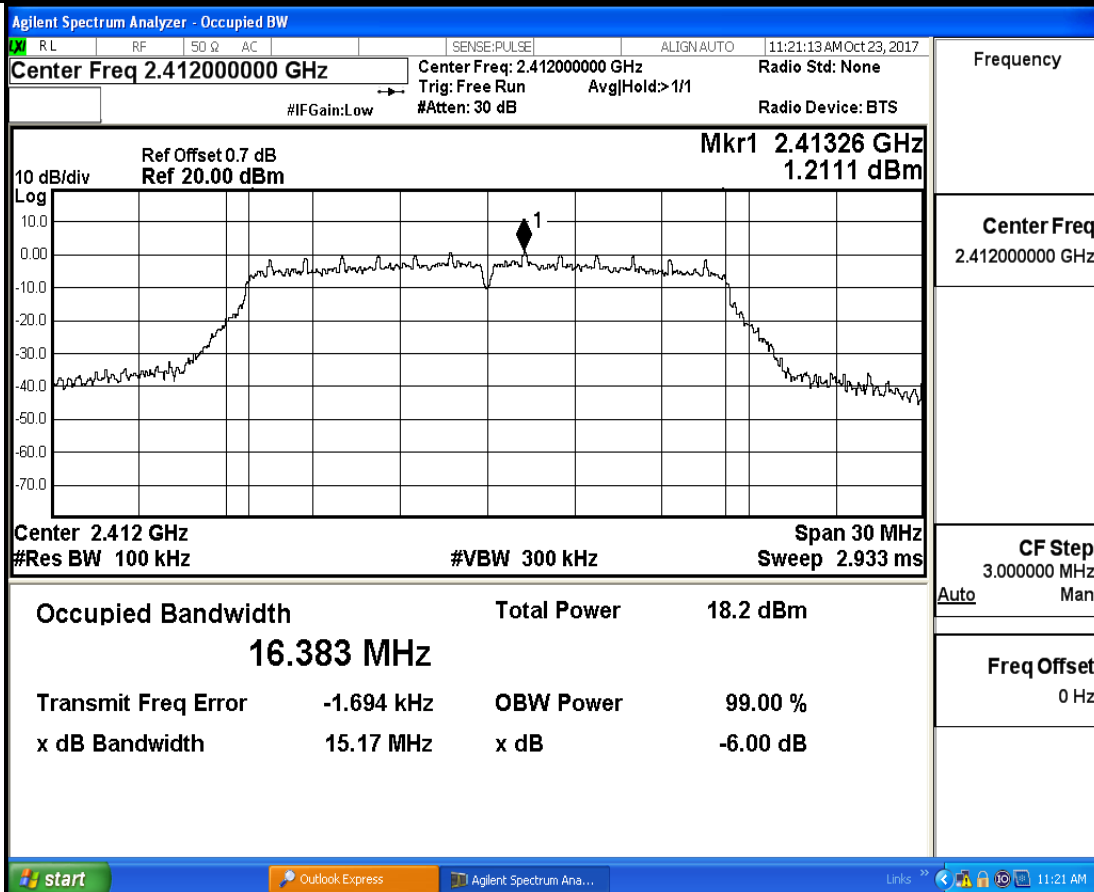
6dB Bandwidth_11B_2437_Ant1



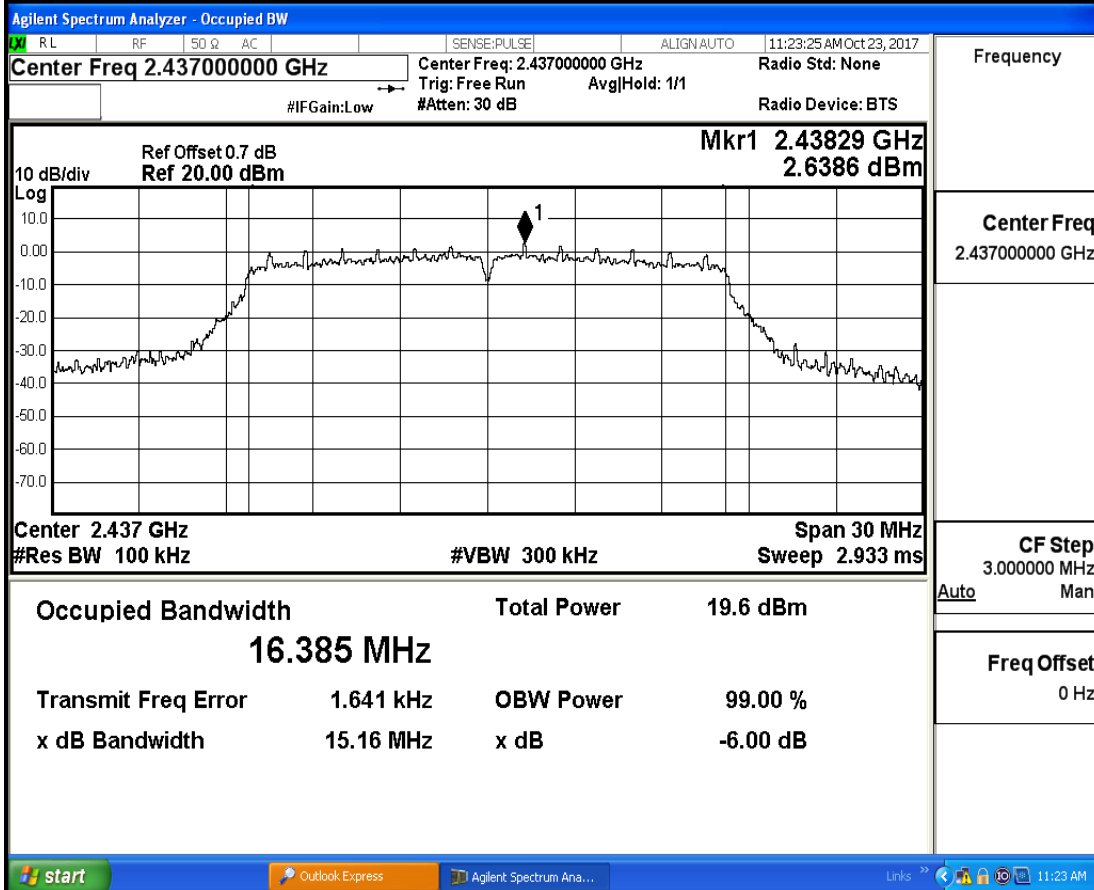
6dB Bandwidth_11B_2462_Ant1



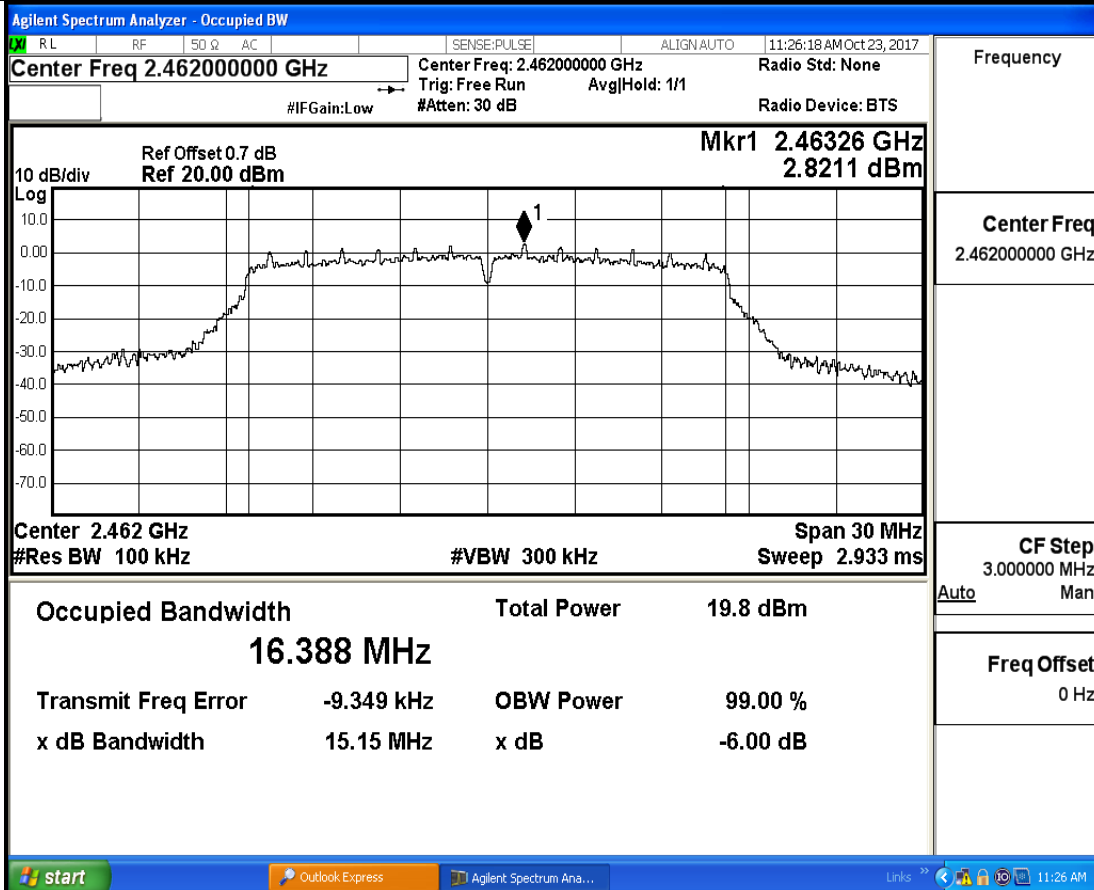
6dB Bandwidth_11G_2412_Ant1



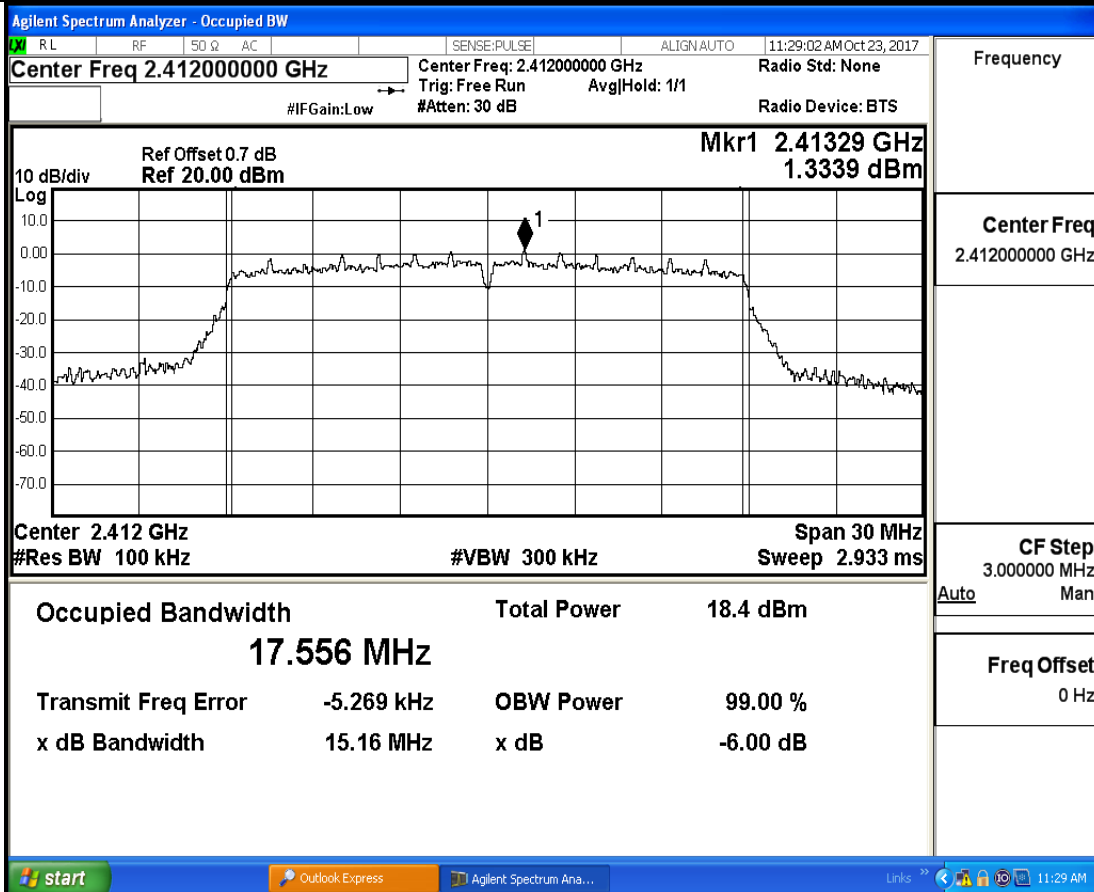
6dB Bandwidth_11G_2437_Ant1



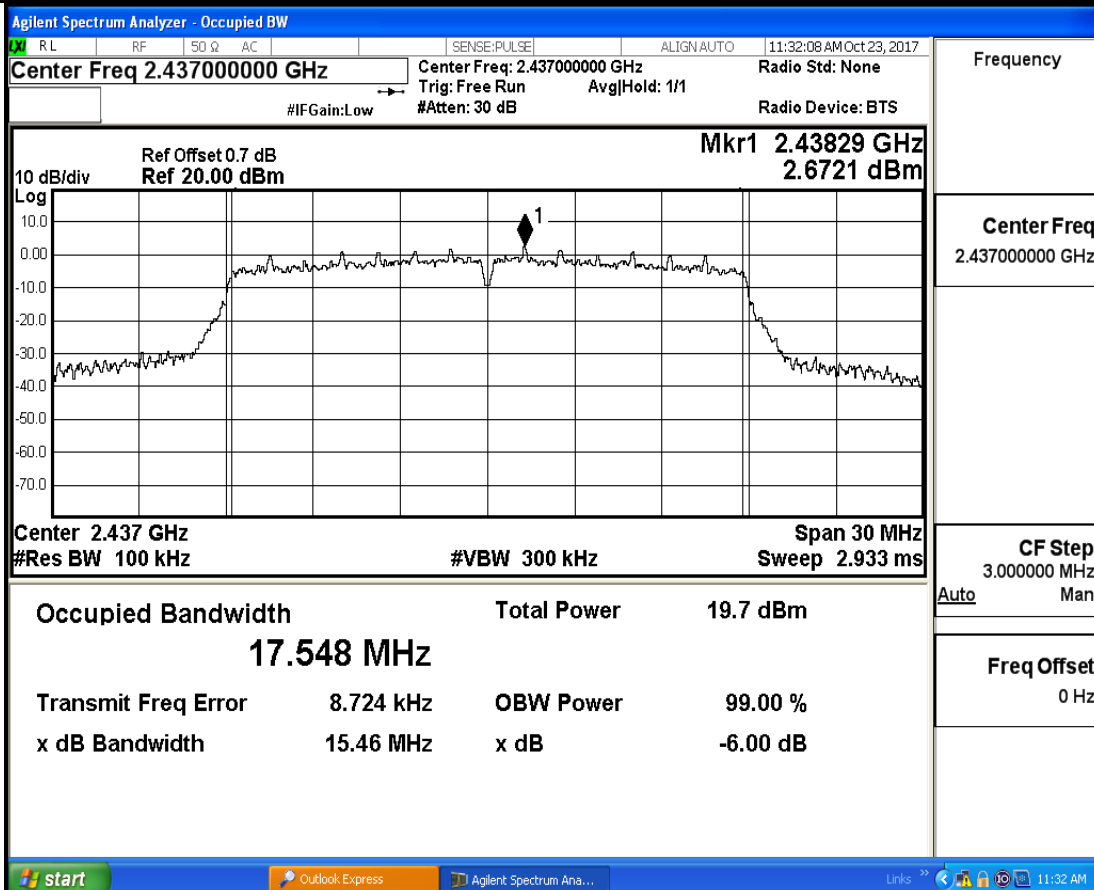
6dB Bandwidth_11G_2462_Ant1



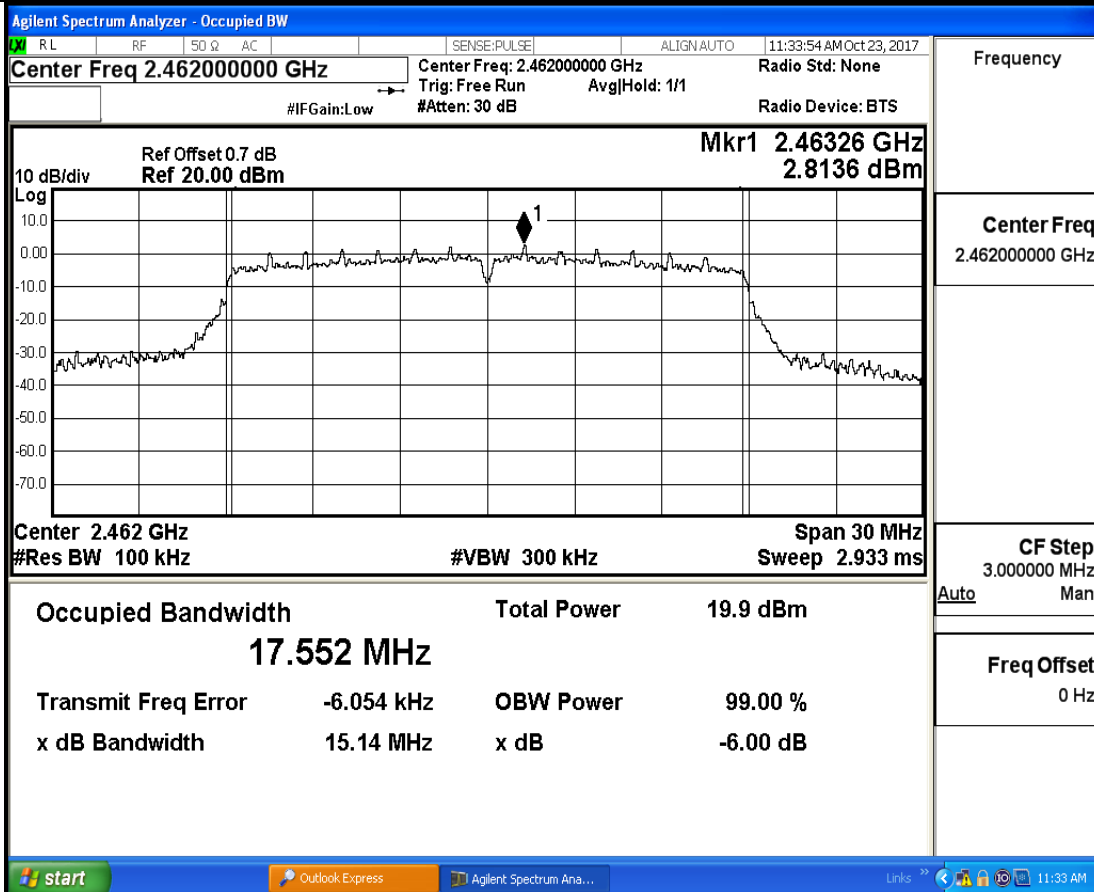
6dB Bandwidth_11N20SISO_2412_Ant1



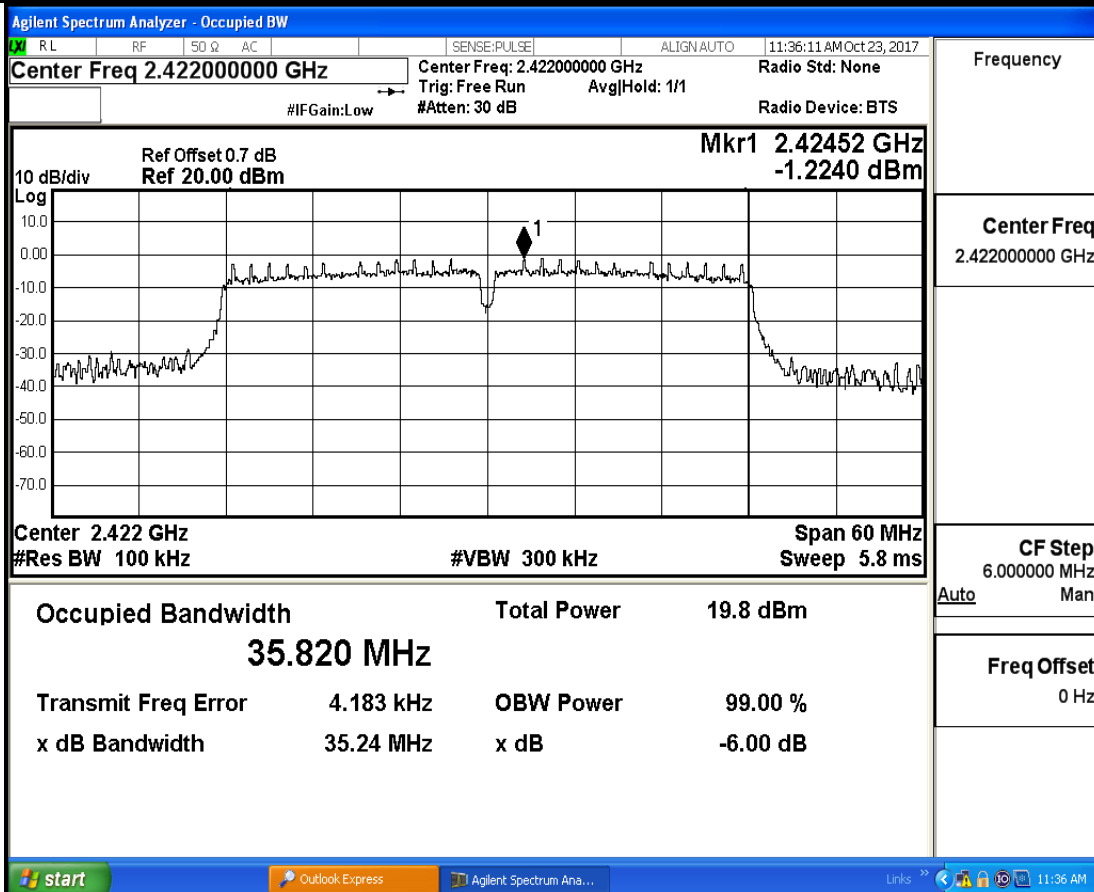
6dB Bandwidth_11N20SISO_2437_Ant1



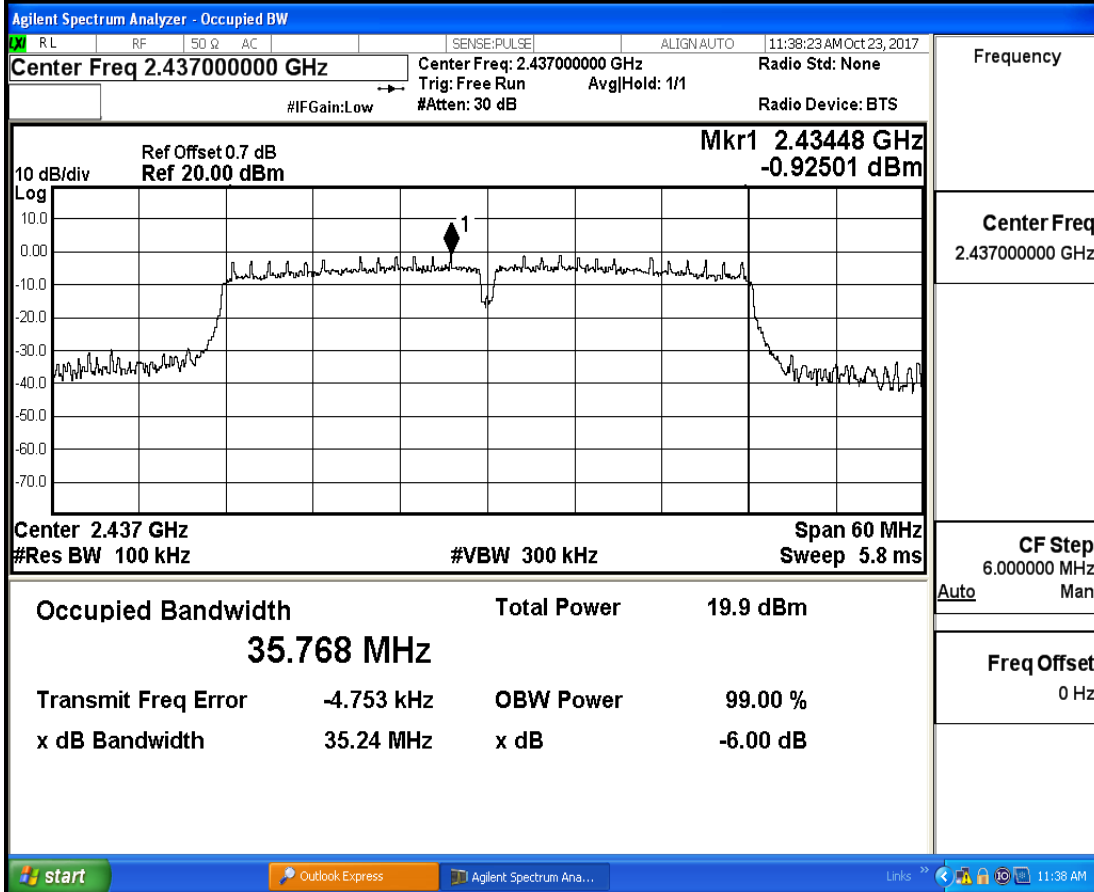
6dB Bandwidth_11N20SISO_2462_Ant1



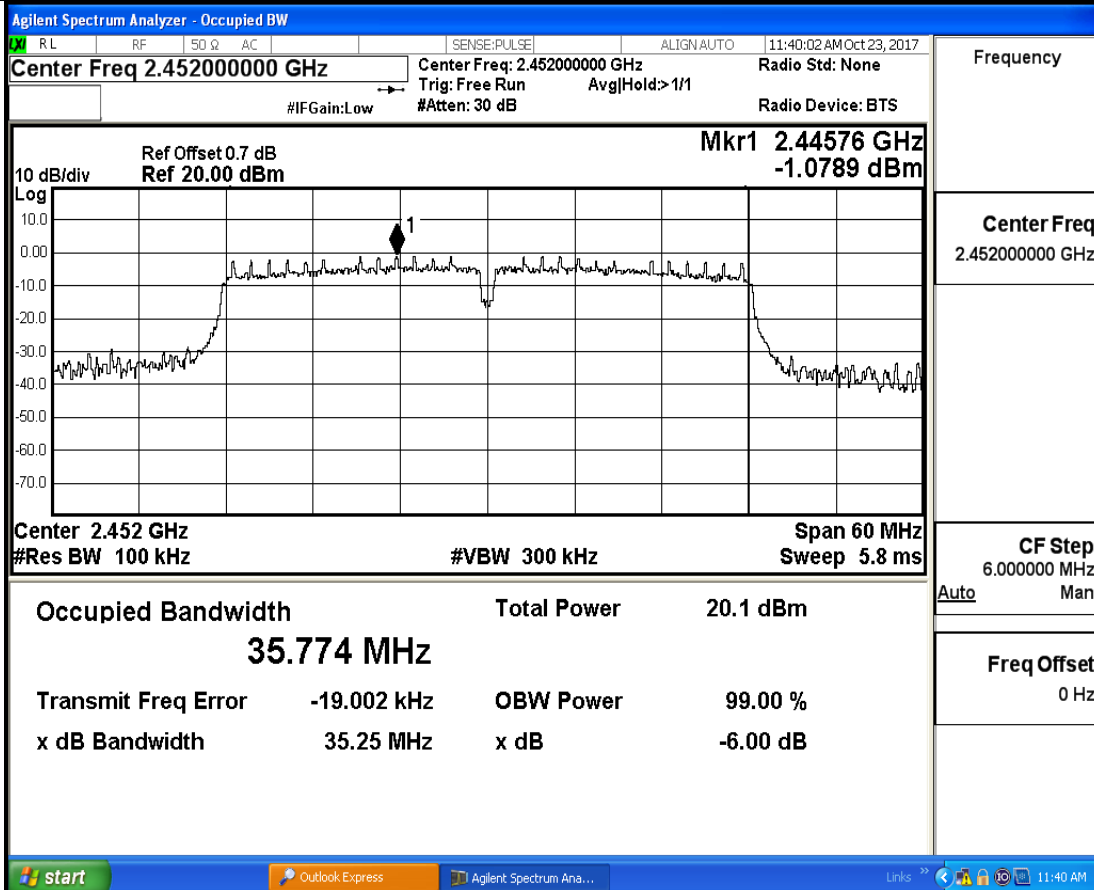
6dB Bandwidth_11N40SISO_2422_Ant1



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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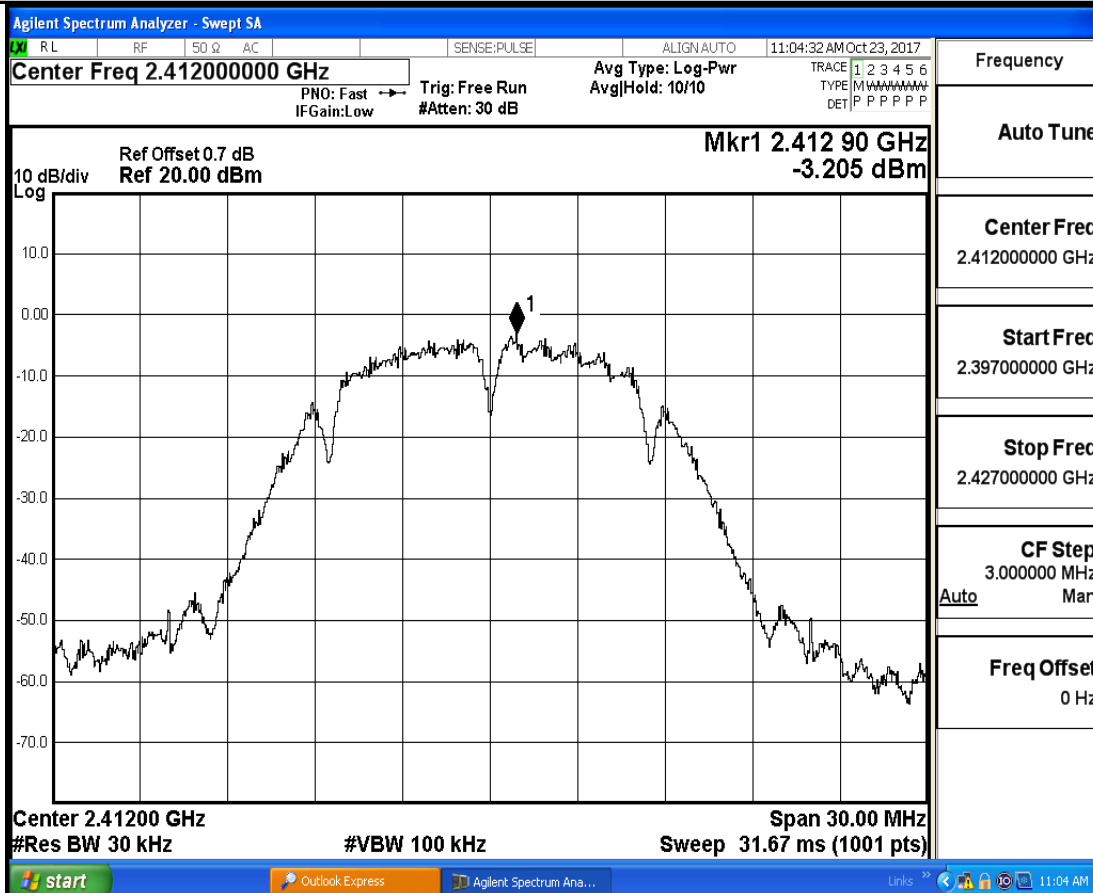
3.Maximum peak conducted output power

Test Mode	Test Channel	Ant	Power[dBm]	Limit[dBm]	Verdict
11B	2412	Ant1	14.71	30	PASS
11B	2437	Ant1	15.00	30	PASS
11B	2462	Ant1	15.40	30	PASS
11G	2412	Ant1	18.90	30	PASS
11G	2437	Ant1	20.26	30	PASS
11G	2462	Ant1	20.72	30	PASS
11N20SISO	2412	Ant1	18.83	30	PASS
11N20SISO	2437	Ant1	20.18	30	PASS
11N20SISO	2462	Ant1	20.54	30	PASS
11N40SISO	2422	Ant1	20.57	30	PASS
11N40SISO	2437	Ant1	20.85	30	PASS
11N40SISO	2452	Ant1	20.77	30	PASS

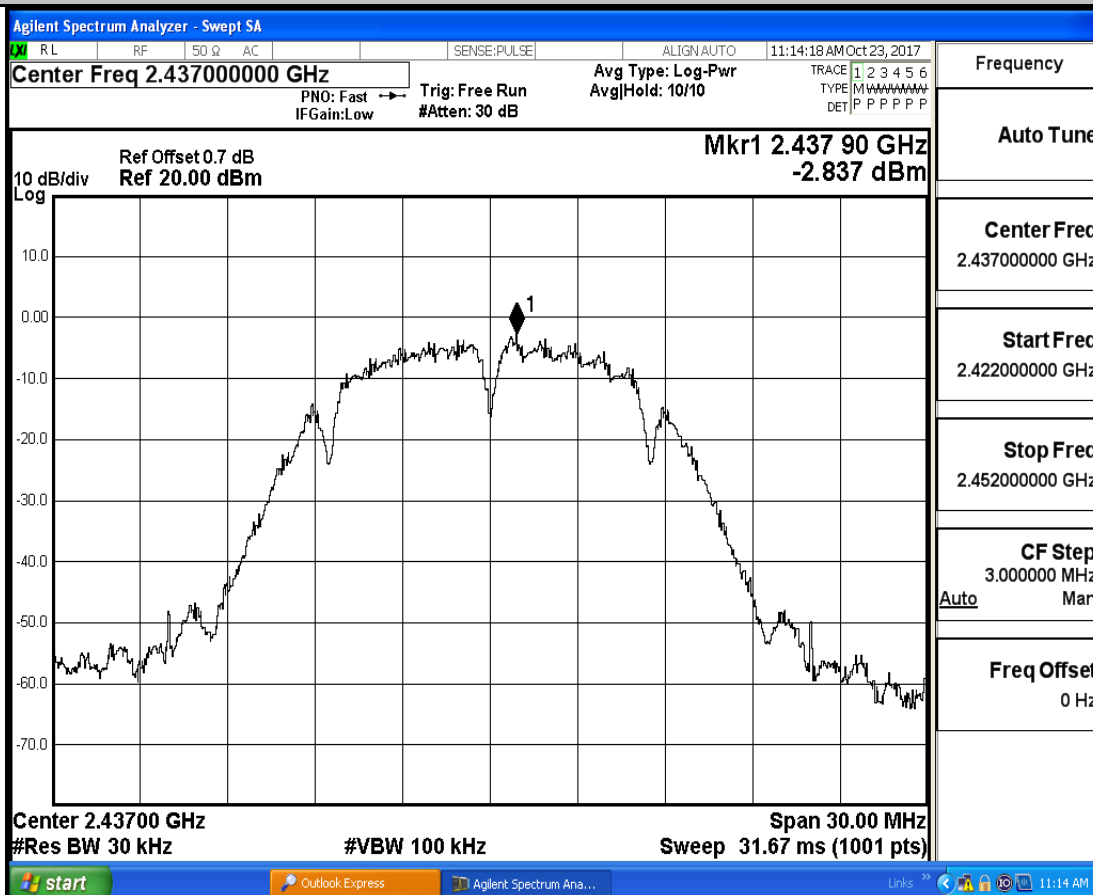
4.Maximum Peak power spectral density

Test Mode	Test Channel	Ant	PSD[dBm/30KHz]	Limit[dBm/3KHz]	Verdict
11B	2412	Ant1	-3.205	8.00	PASS
11B	2437	Ant1	-2.837	8.00	PASS
11B	2462	Ant1	-2.556	8.00	PASS
11G	2412	Ant1	-4.409	8.00	PASS
11G	2437	Ant1	-2.470	8.00	PASS
11G	2462	Ant1	-2.211	8.00	PASS
11N20SISO	2412	Ant1	-2.913	8.00	PASS
11N20SISO	2437	Ant1	-1.865	8.00	PASS
11N20SISO	2462	Ant1	-1.54	8.00	PASS
11N40SISO	2422	Ant1	-6.361	8.00	PASS
11N40SISO	2437	Ant1	-6.026	8.00	PASS
11N40SISO	2452	Ant1	-6.726	8.00	PASS

Maximum Peak power spectral density_11B_2412_Ant1



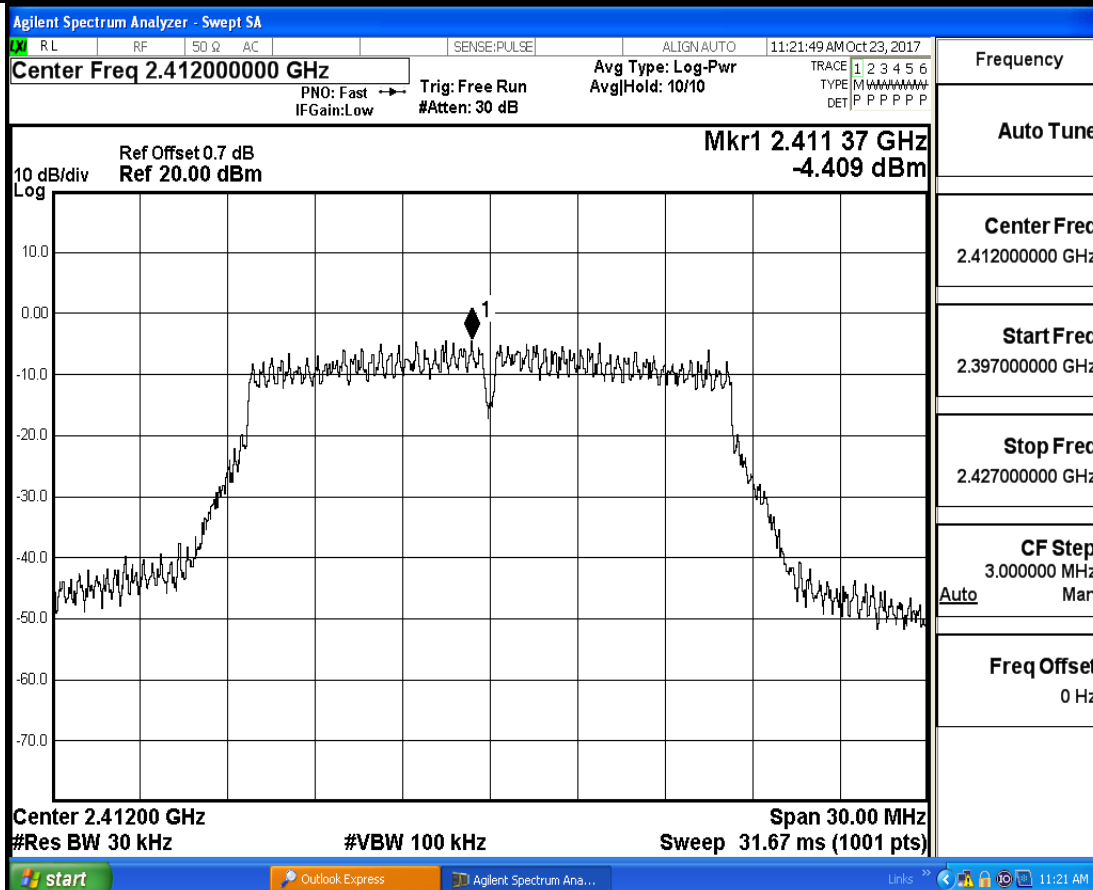
Maximum Peak power spectral density_11B_2437_Ant1



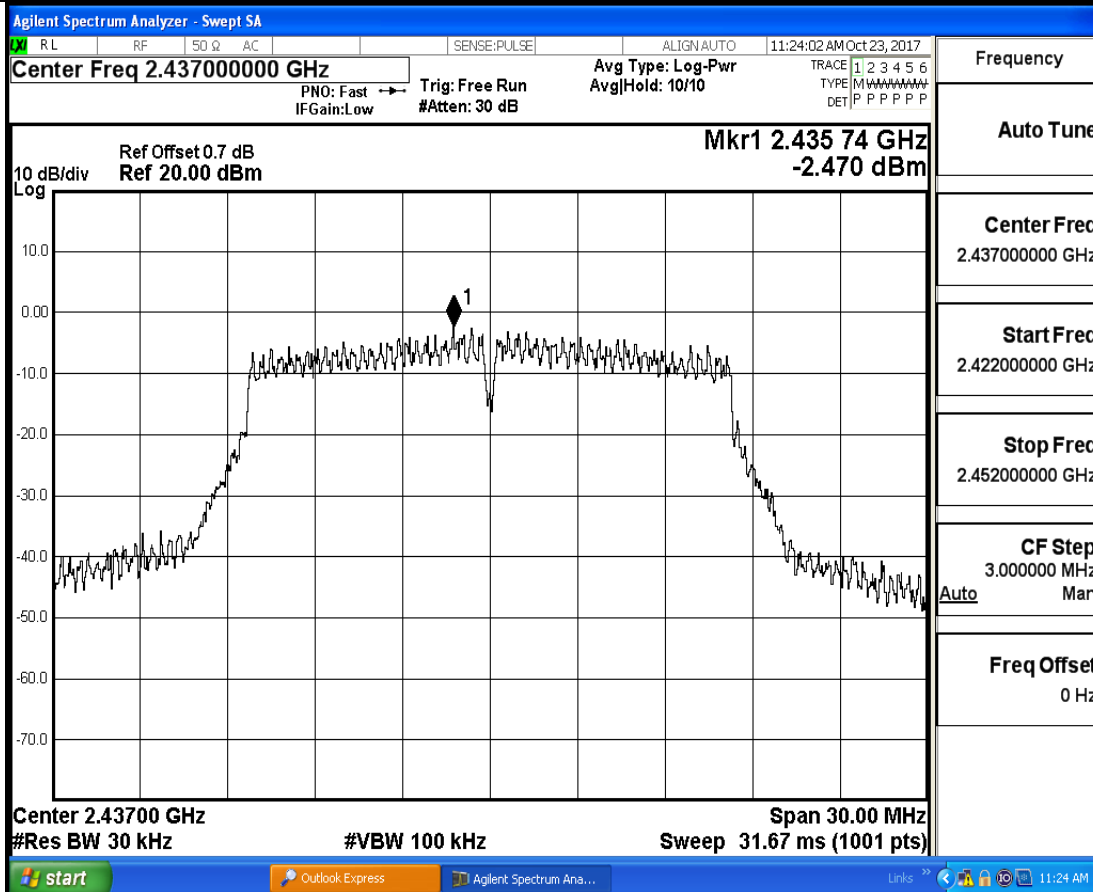
Maximum Peak power spectral density_11B_2462_Ant1



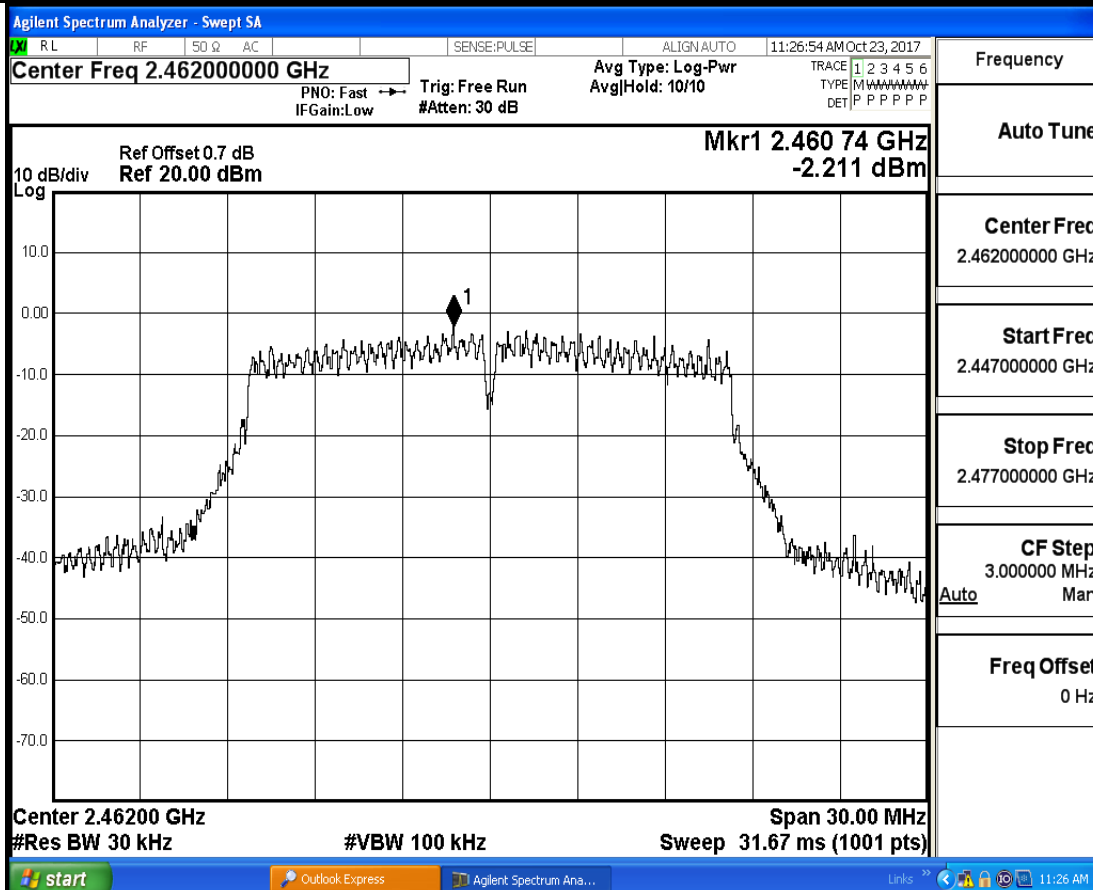
Maximum Peak power spectral density_11G_2412_Ant1



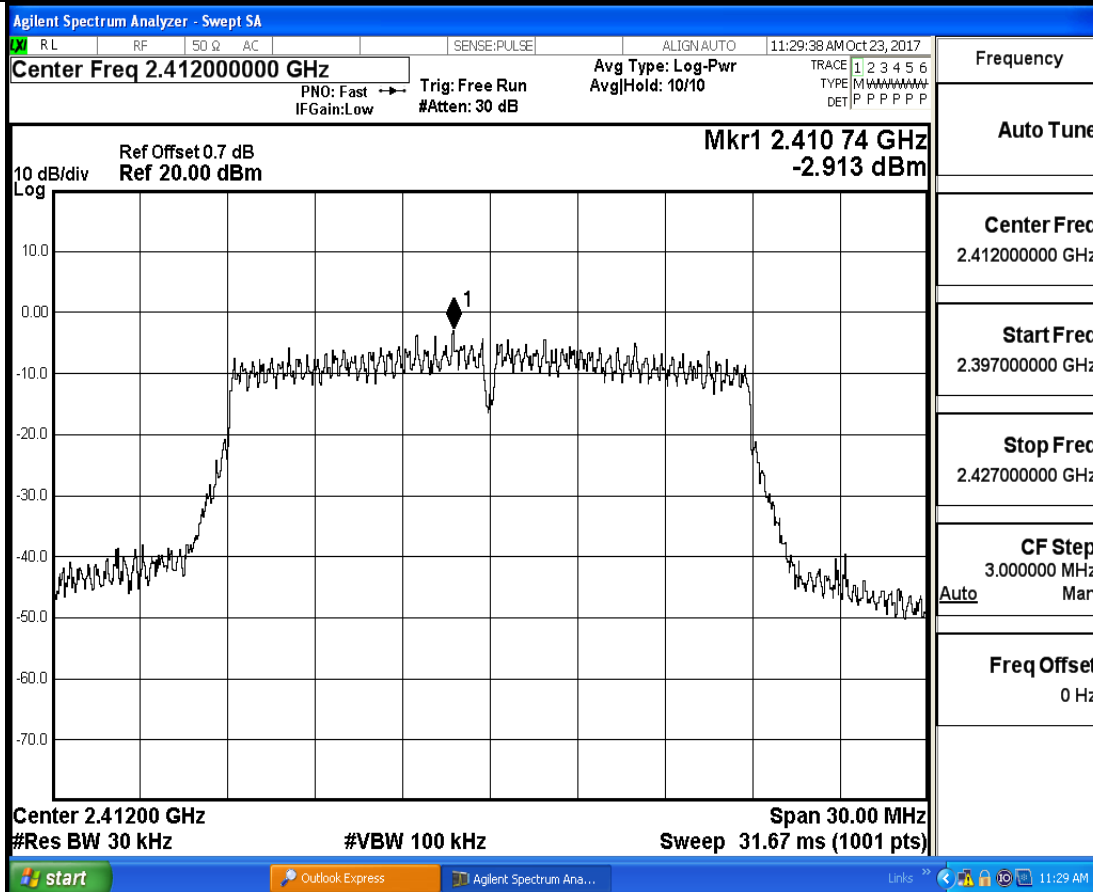
Maximum Peak power spectral density_11G_2437_Ant1



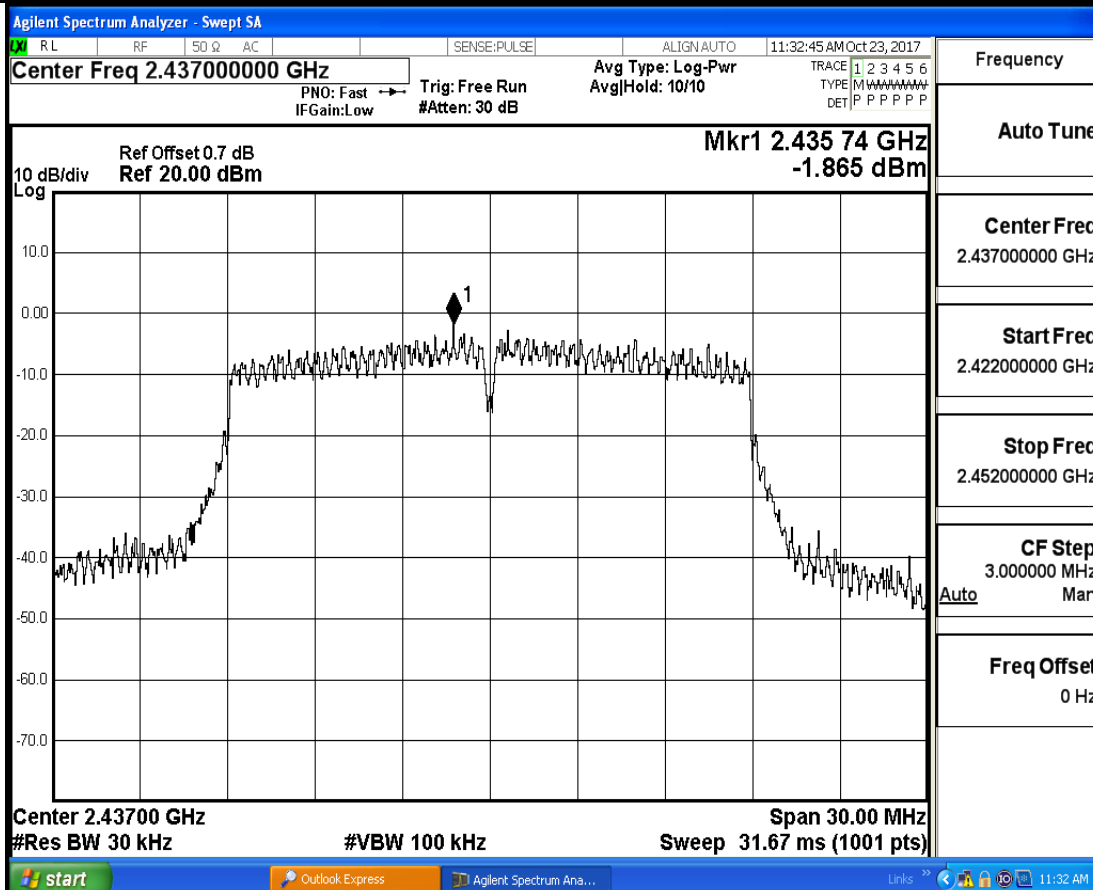
Maximum Peak power spectral density_11G_2462_Ant1



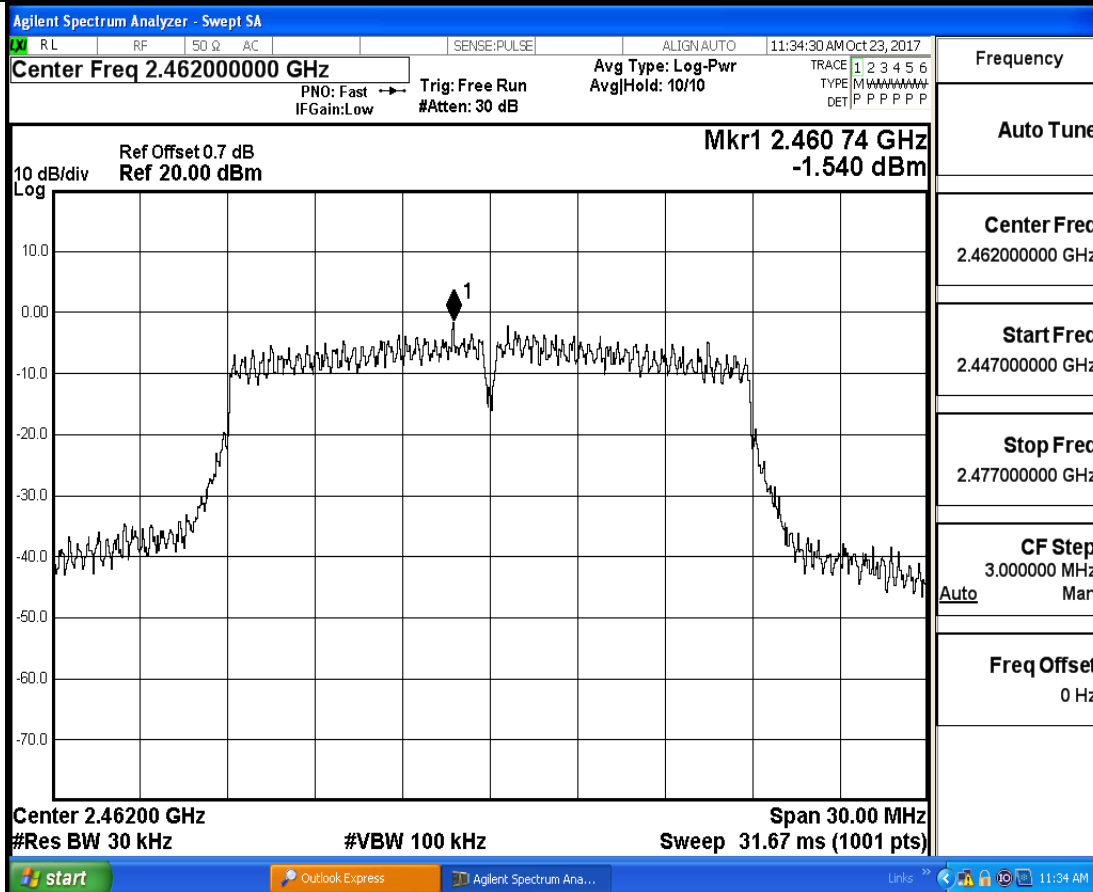
Maximum Peak power spectral density_11N20SISO_2412_Ant1



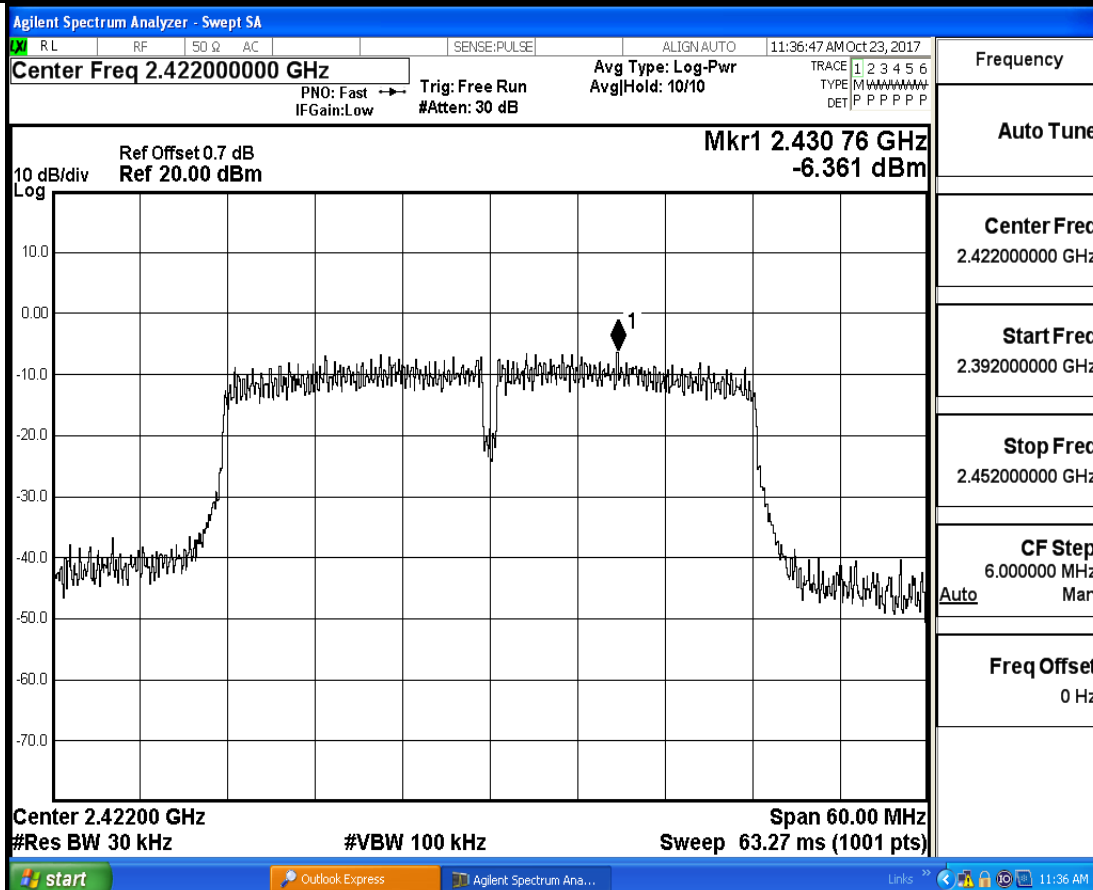
Maximum Peak power spectral density_11N20SISO_2437_Ant1



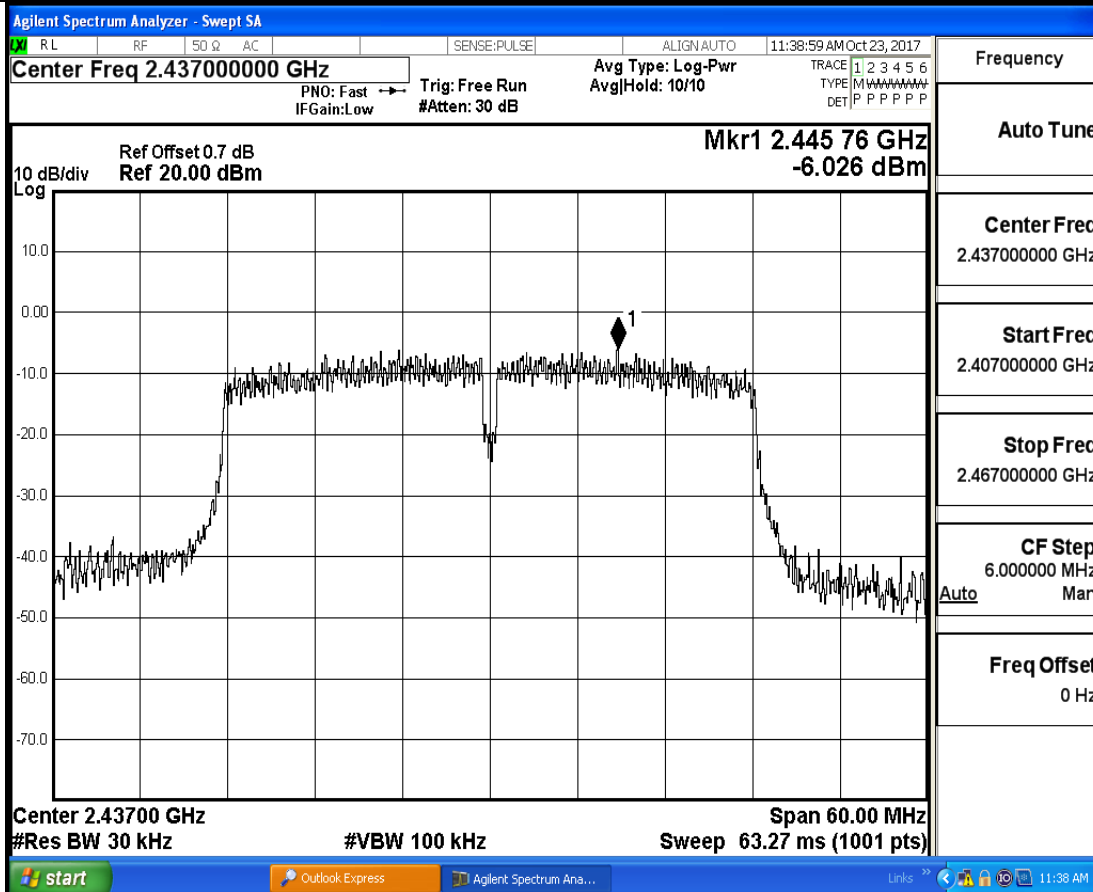
Maximum Peak power spectral density_11N20SISO_2462_Ant1



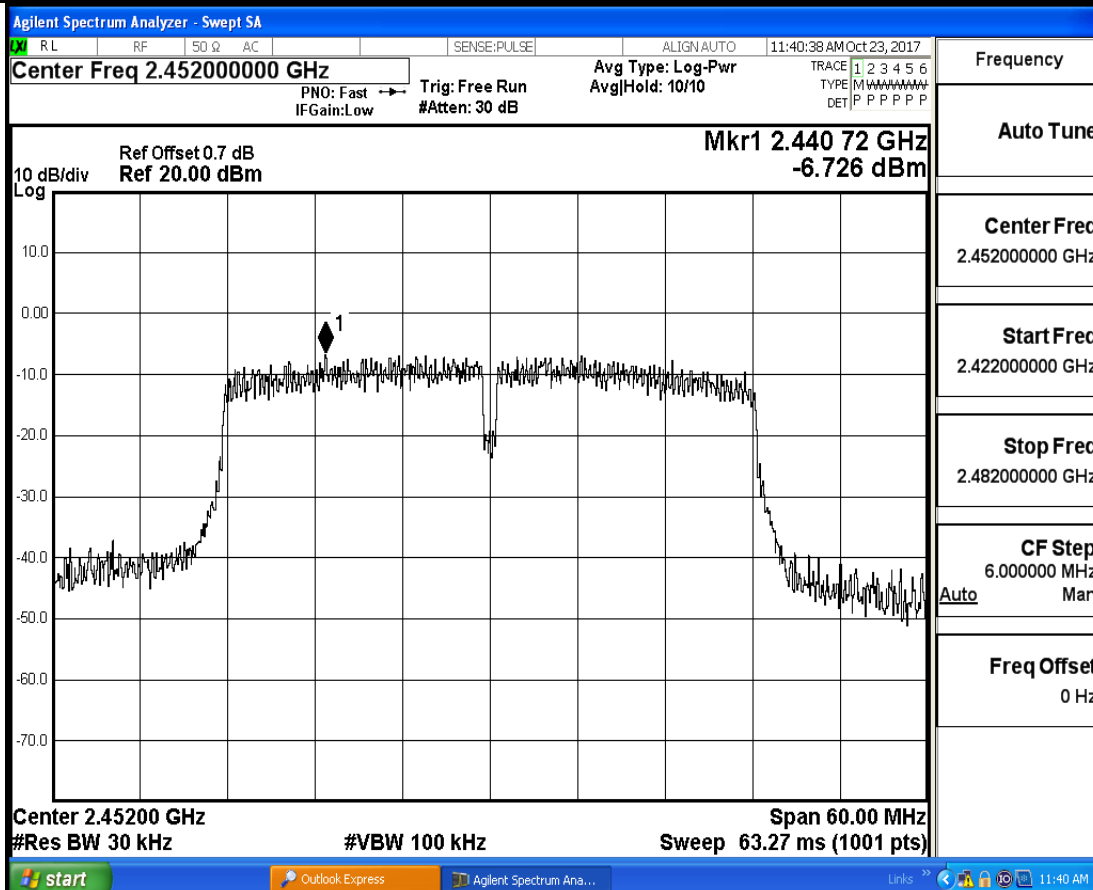
Maximum Peak power spectral density_11N40SISO_2422_Ant1



Maximum Peak power spectral density_11N40SISO_2437_Ant1



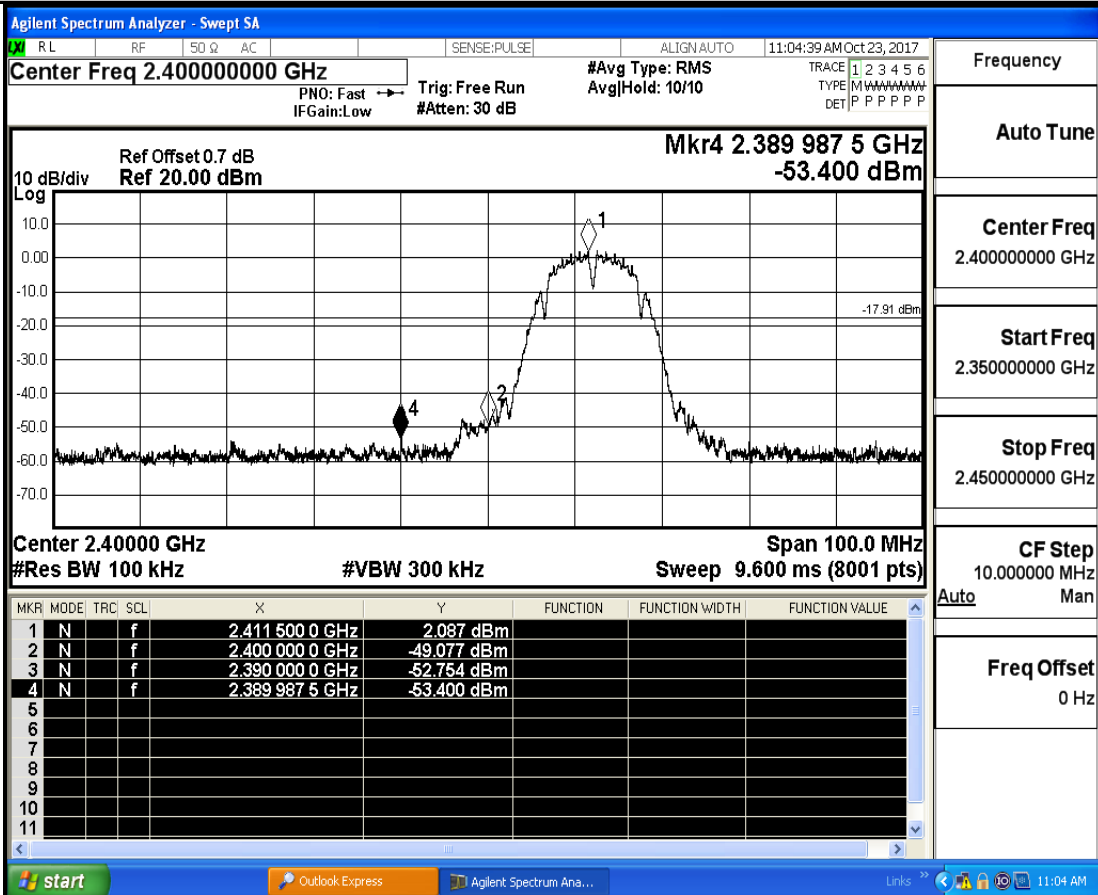
Maximum Peak power spectral density_11N40SISO_2452_Ant1



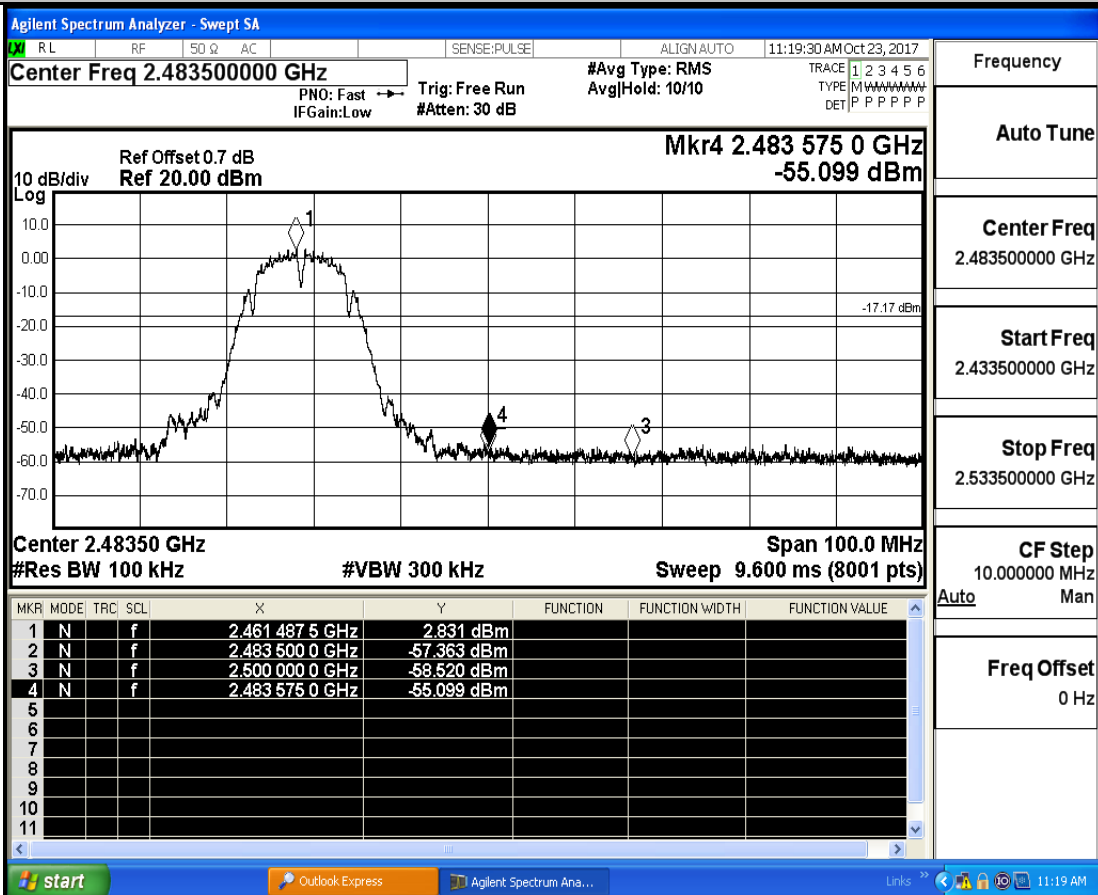
5.Band-edge for RF Conducted Emissions

Test Mode	Test Channel	Ant	Carrier Power[dBm]	Max. Spurious Level [dBm]	Limit [dBm]	Verdict
11B	2412	Ant1	2.087	-53.400	-17.91	PASS
11B	2462	Ant1	2.831	-55.099	-17.17	PASS
11G	2412	Ant1	1.459	-48.291	-18.54	PASS
11G	2462	Ant1	2.999	-48.775	-17	PASS
11N20SISO	2412	Ant1	1.528	-46.359	-18.47	PASS
11N20SISO	2462	Ant1	3.027	-45.448	-16.97	PASS
11N40SISO	2422	Ant1	-1.056	-34.441	-21.06	PASS
11N40SISO	2452	Ant1	-0.897	-35.475	-20.9	PASS

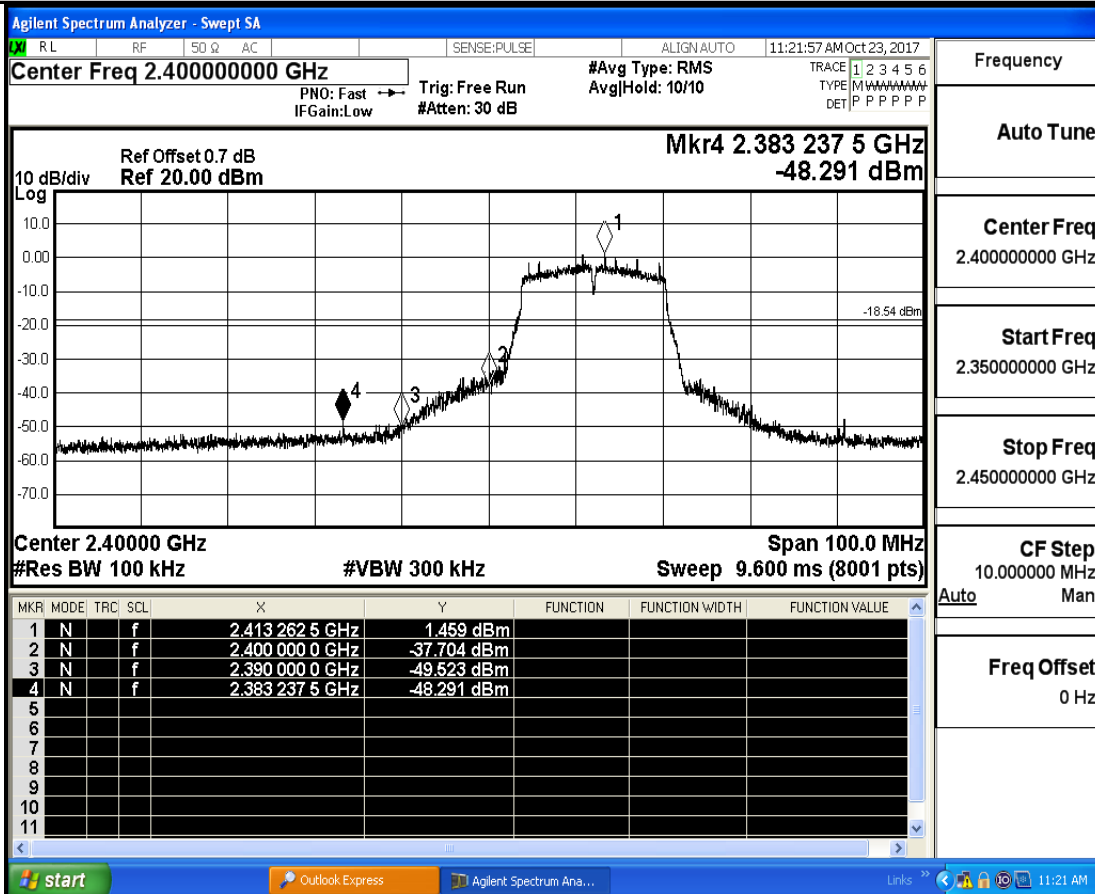
Band-edge for RF Conducted Emissions_11B_2412_Ant1



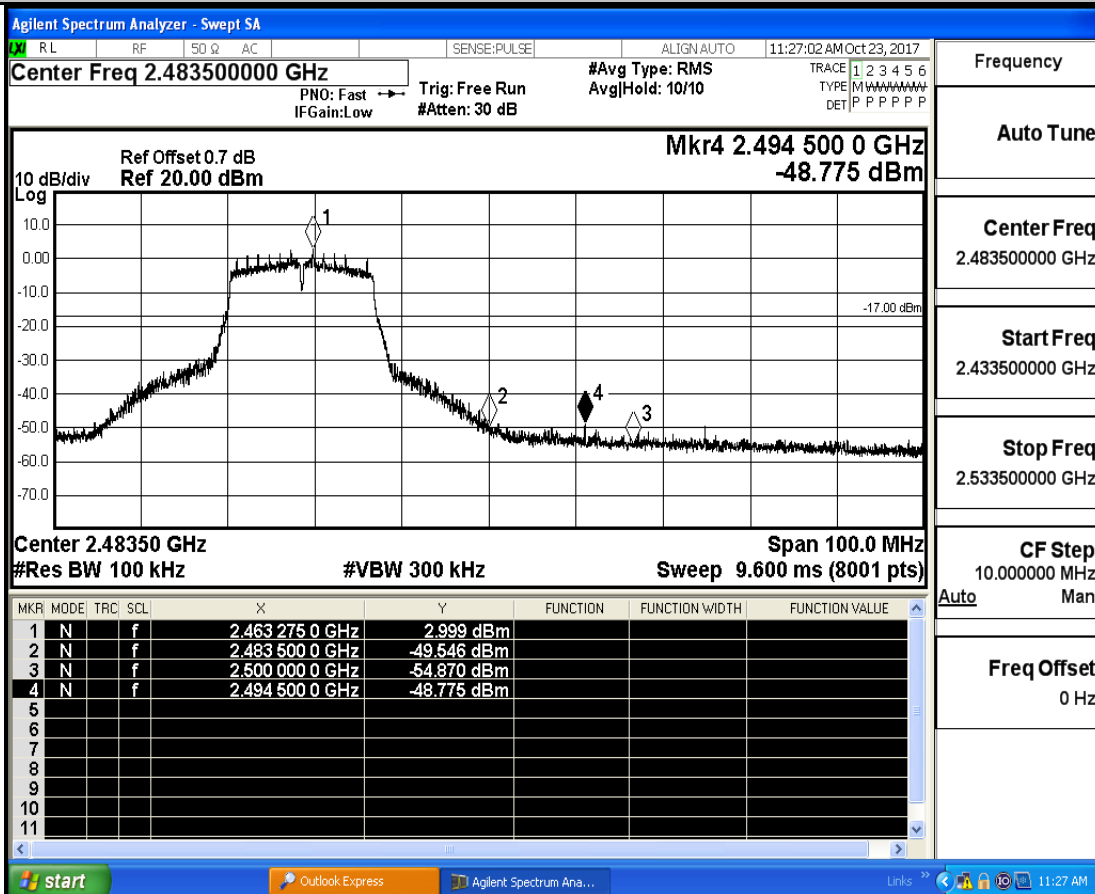
Band-edge for RF Conducted Emissions_11B_2462_Ant1



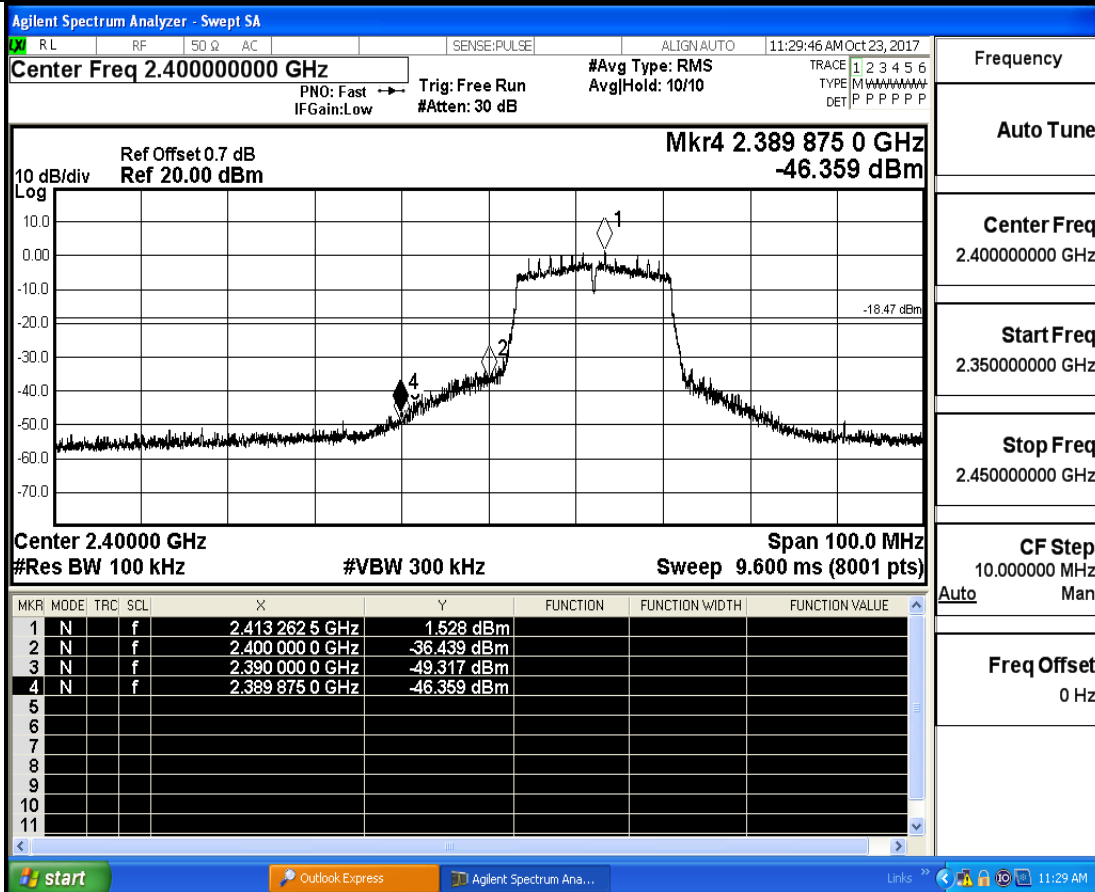
Band-edge for RF Conducted Emissions_11G_2412_Ant1



Band-edge for RF Conducted Emissions_11G_2462_Ant1



Band-edge for RF Conducted Emissions_11N20SISO_2412_Ant1



Frequency

Auto Tune

Center Freq
2.400000000 GHz

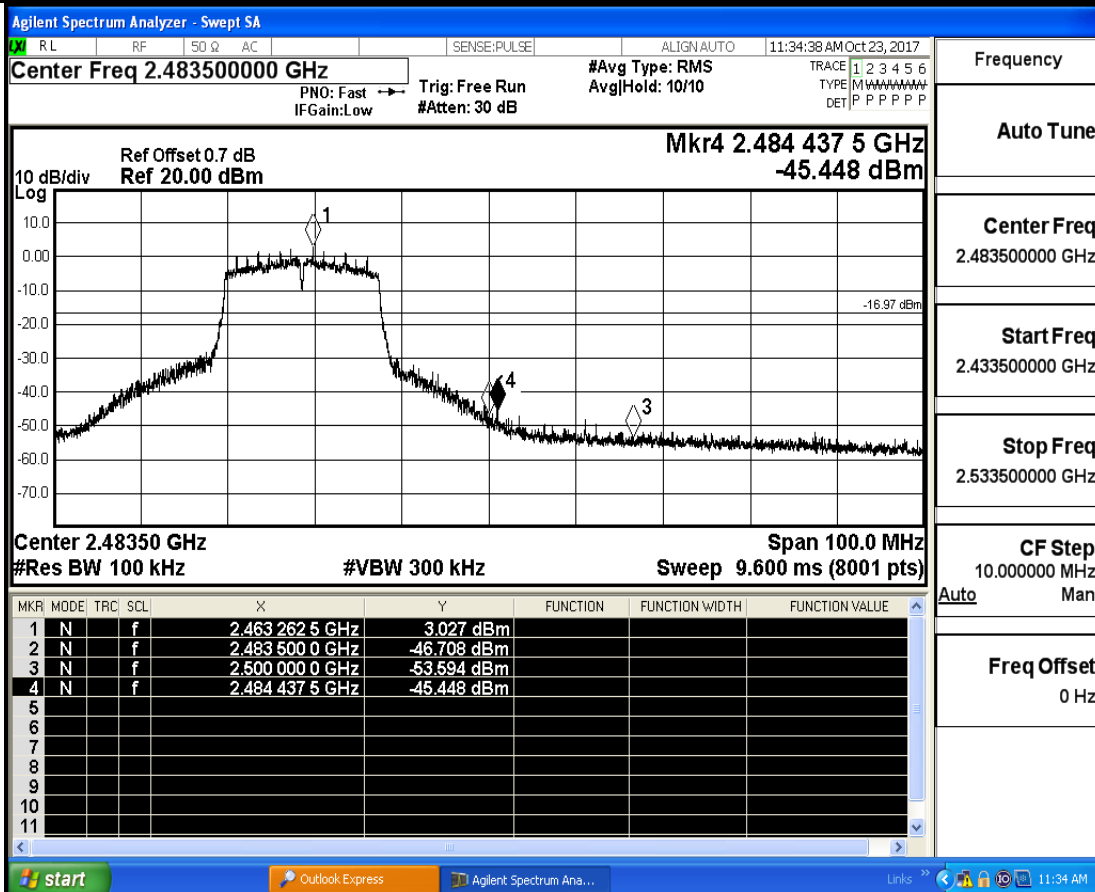
Start Freq
2.350000000 GHz

Stop Freq
2.450000000 GHz

CF Step
10.000000 MHz
Auto Man

Freq Offset
0 Hz

Band-edge for RF Conducted Emissions_11N20SISO_2462_Ant1



Frequency

Auto Tune

Center Freq
2.483500000 GHz

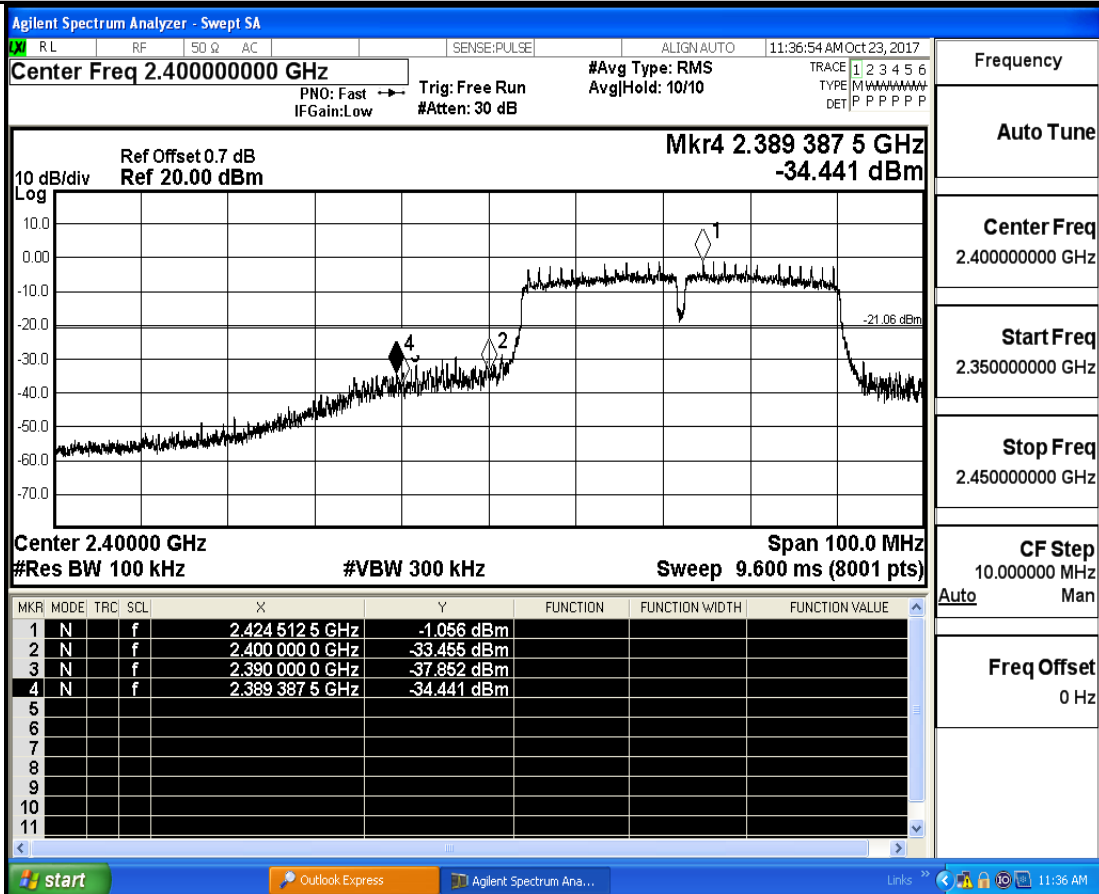
Start Freq
2.433500000 GHz

Stop Freq
2.533500000 GHz

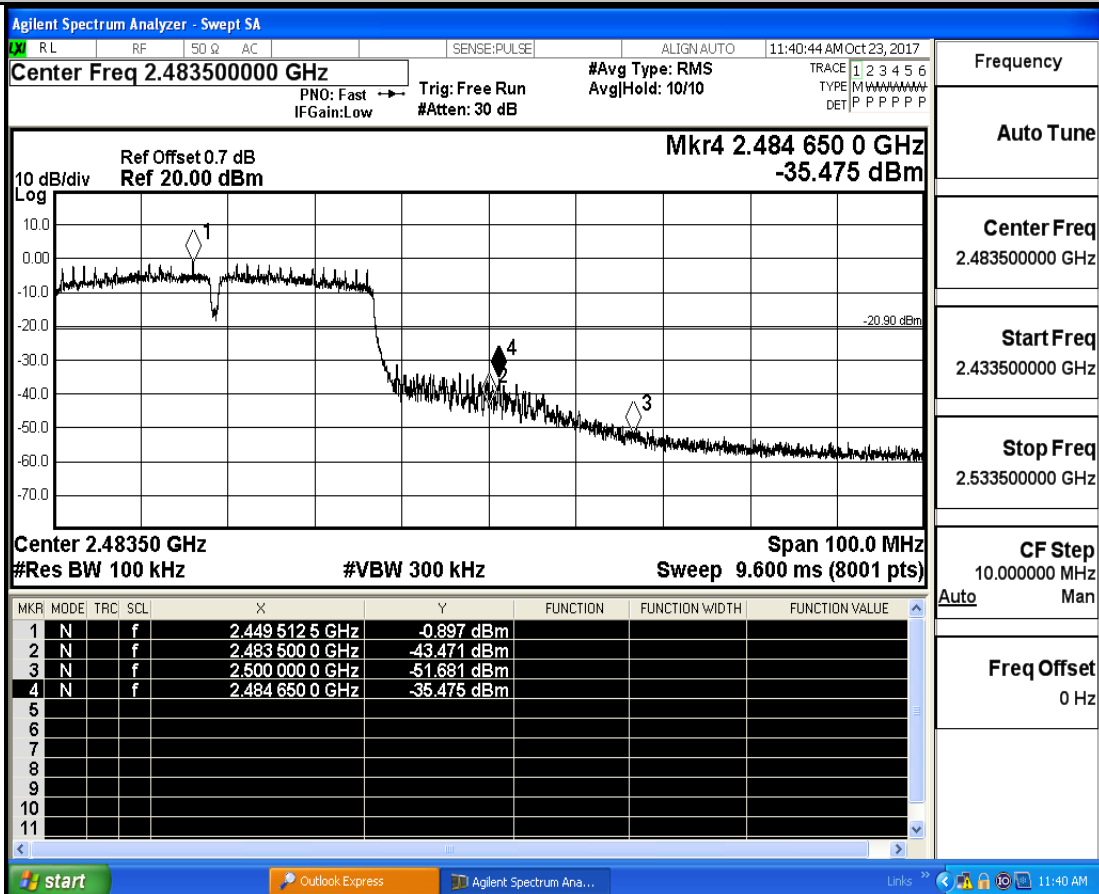
CF Step
10.000000 MHz
Auto Man

Freq Offset
0 Hz

Band-edge for RF Conducted Emissions_11N40SISO_2422_Ant1



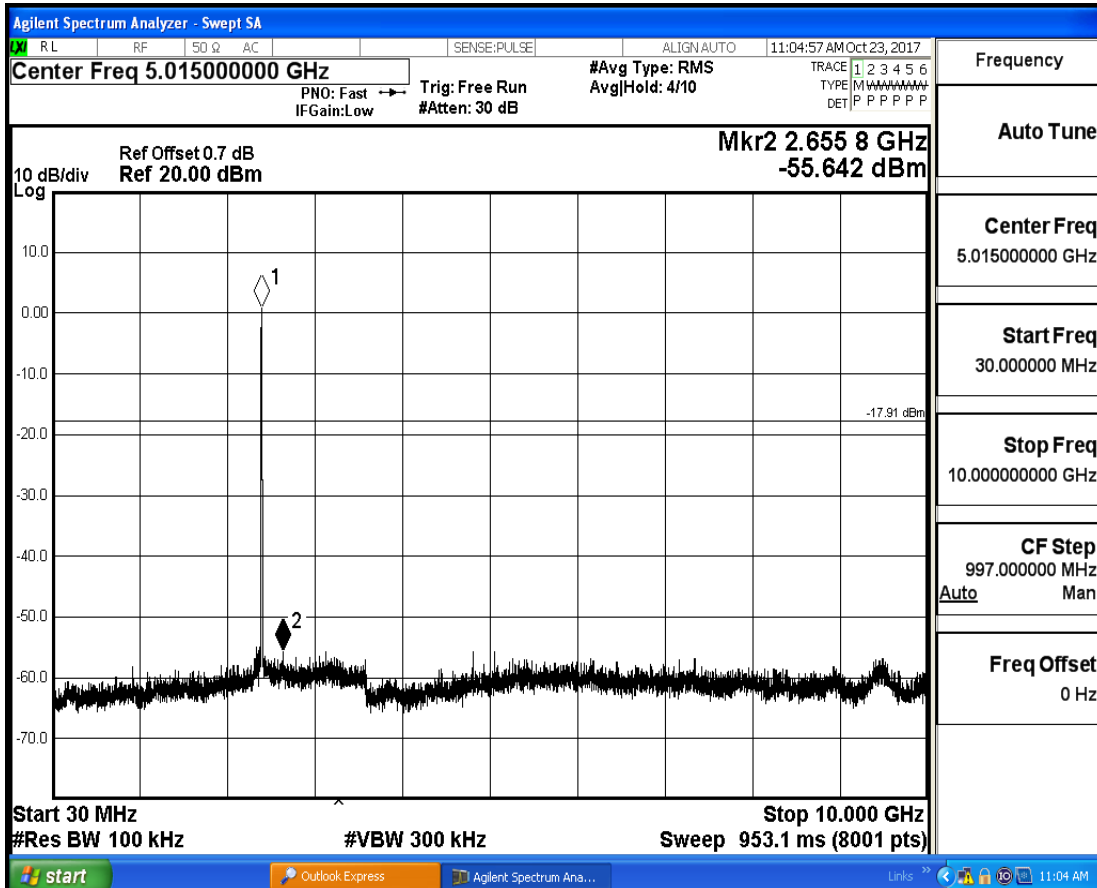
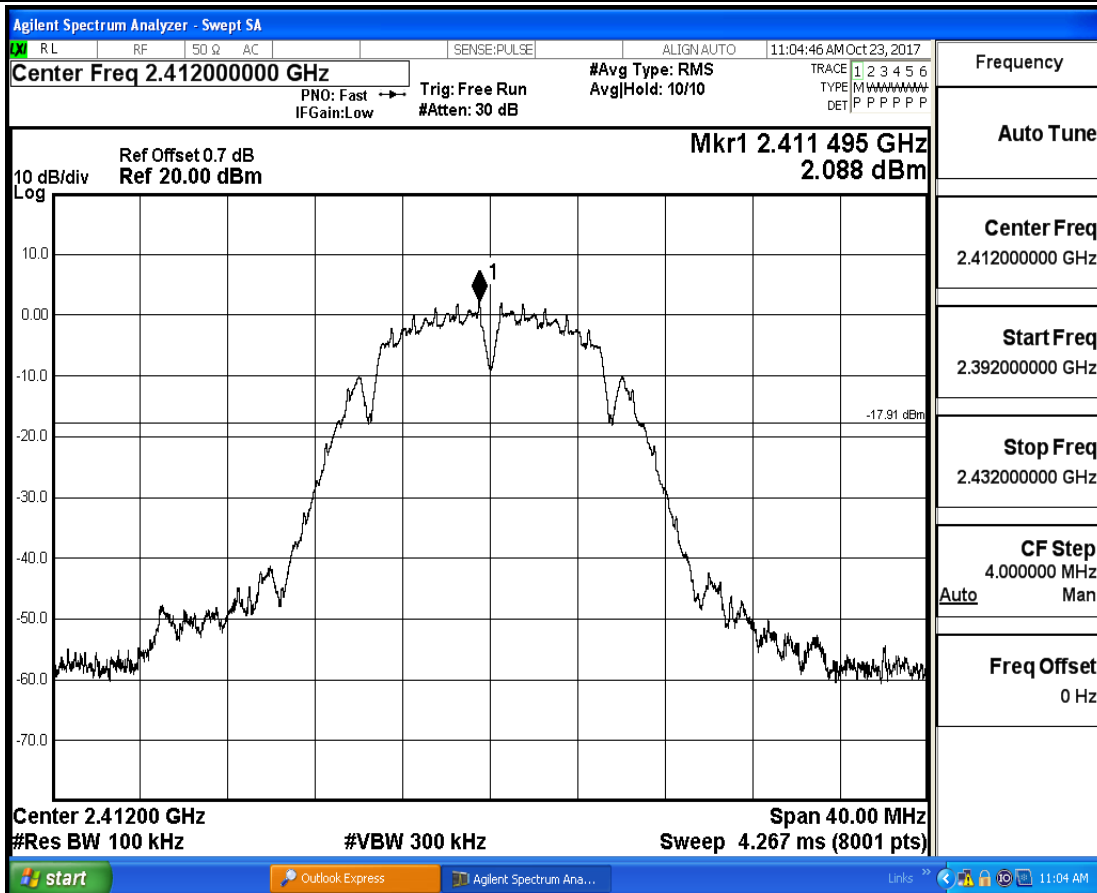
Band-edge for RF Conducted Emissions_11N40SISO_2452_Ant1

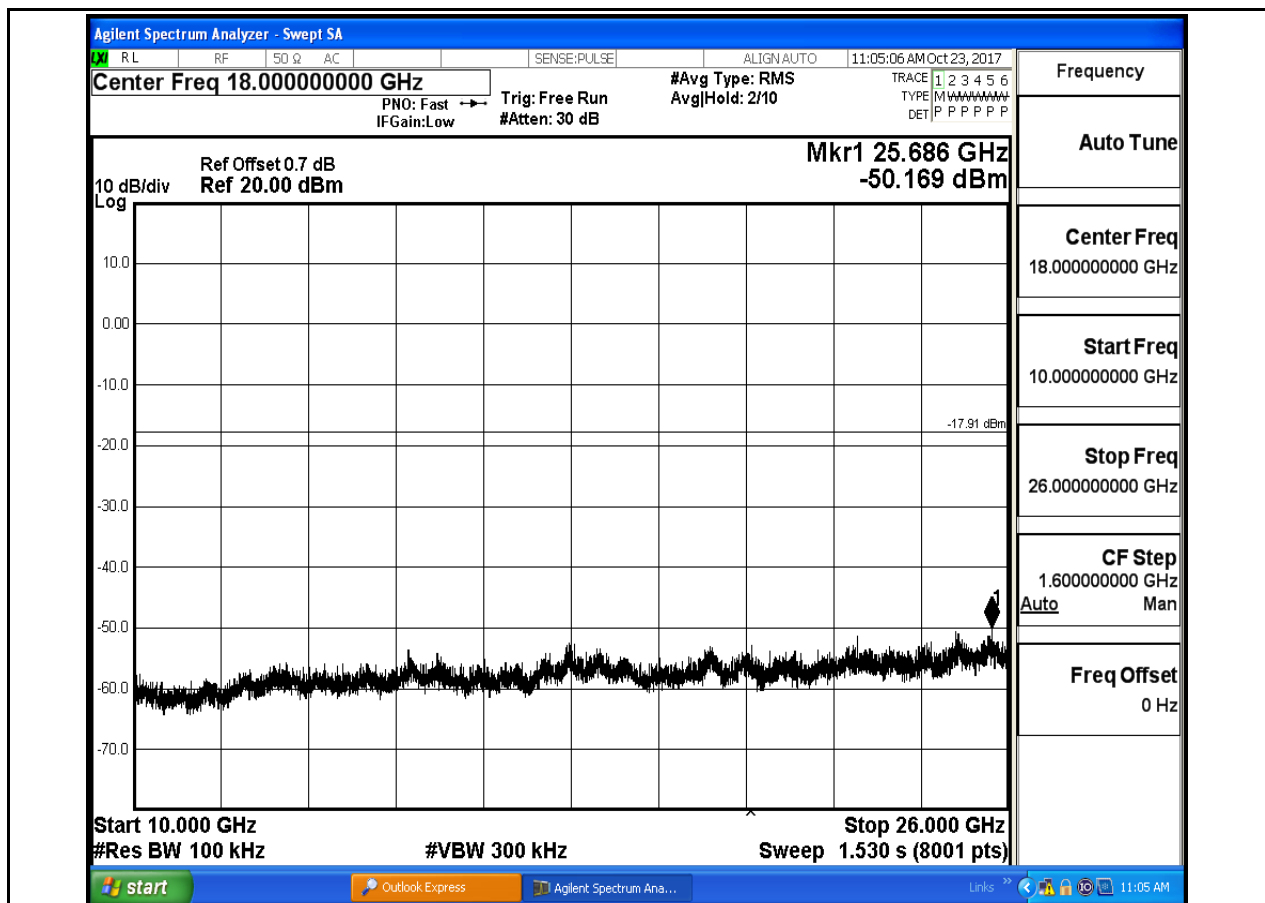


6.RF Conducted Spurious Emissions

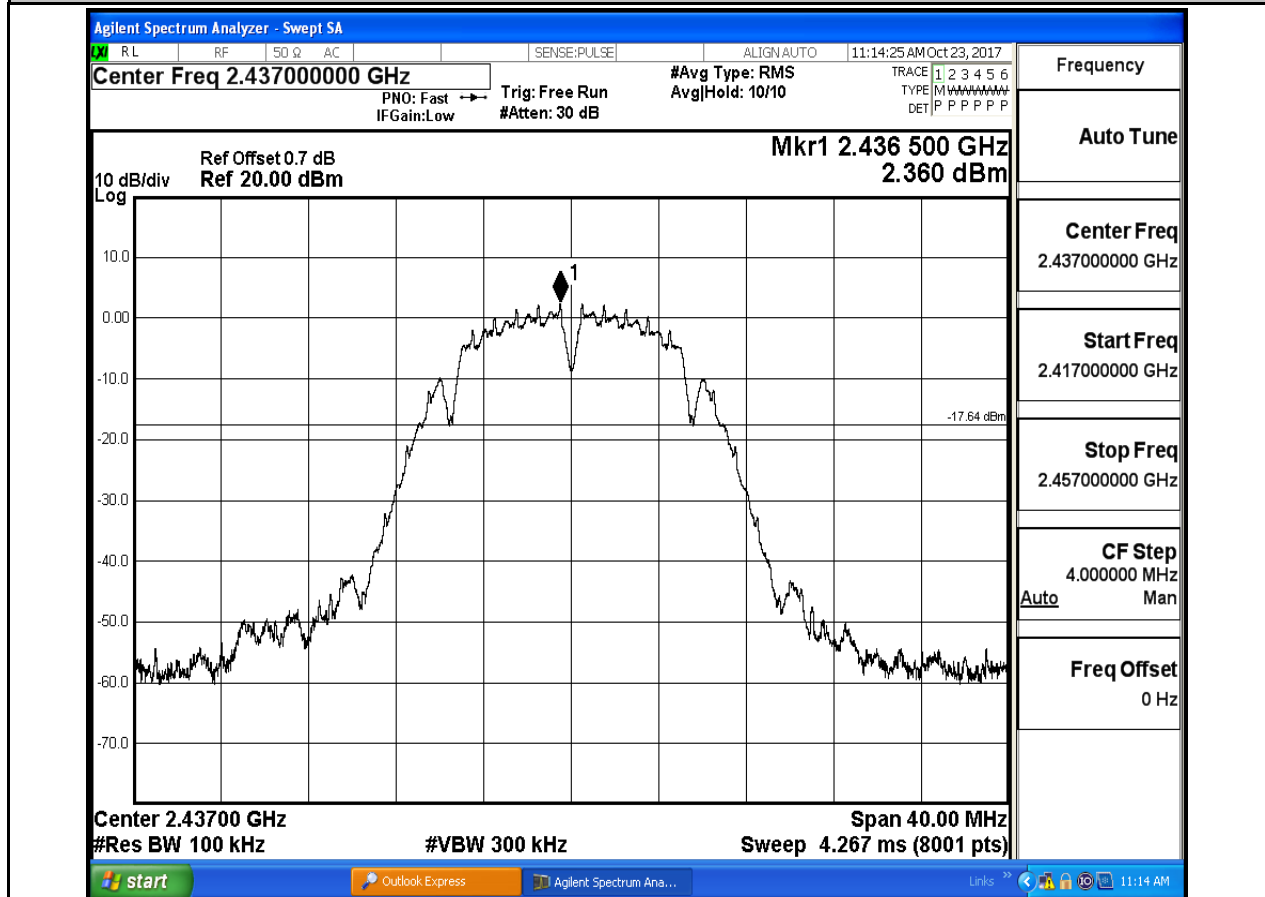
Test Mode	Test Channel	Ant	StartFre [MHz]	StopFre [MHz]	RBW [kHz]	VBW [kHz]	Pref[dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
11B	2412	Ant1	30	10000	100	300	2.088	-55.642	<-17.912	PASS
11B	2412	Ant1	10000	26000	100	300	2.088	-50.169	<-17.912	PASS
11B	2437	Ant1	30	10000	100	300	2.36	-55.726	<-17.64	PASS
11B	2437	Ant1	10000	26000	100	300	2.36	-49.741	<-17.64	PASS
11B	2462	Ant1	30	10000	100	300	2.725	-54.463	<-17.275	PASS
11B	2462	Ant1	10000	26000	100	300	2.725	-51.264	<-17.275	PASS
11G	2412	Ant1	30	10000	100	300	0.953	-56.185	<-19.047	PASS
11G	2412	Ant1	10000	26000	100	300	0.953	-49.413	<-19.047	PASS
11G	2437	Ant1	30	10000	100	300	1.625	-55.357	<-18.375	PASS
11G	2437	Ant1	10000	26000	100	300	1.625	-50.275	<-18.375	PASS
11G	2462	Ant1	30	10000	100	300	2.869	-56.291	<-17.131	PASS
11G	2462	Ant1	10000	26000	100	300	2.869	-50.023	<-17.131	PASS
11N20SISO	2412	Ant1	30	10000	100	300	0.828	-55.001	<-19.172	PASS
11N20SISO	2412	Ant1	10000	26000	100	300	0.828	-50.196	<-19.172	PASS
11N20SISO	2437	Ant1	30	10000	100	300	2.519	-55.775	<-17.481	PASS
11N20SISO	2437	Ant1	10000	26000	100	300	2.519	-50.818	<-17.481	PASS
11N20SISO	2462	Ant1	30	10000	100	300	2.037	-56.019	<-17.963	PASS
11N20SISO	2462	Ant1	10000	26000	100	300	2.037	-50.016	<-17.963	PASS
11N40SISO	2422	Ant1	30	10000	100	300	-1.149	-55.553	<-21.149	PASS
11N40SISO	2422	Ant1	10000	26000	100	300	-1.149	-49.774	<-21.149	PASS
11N40SISO	2437	Ant1	30	10000	100	300	-0.696	-55.393	<-20.696	PASS
11N40SISO	2437	Ant1	10000	26000	100	300	-0.696	-49.922	<-20.696	PASS
11N40SISO	2452	Ant1	30	10000	100	300	-0.874	-55.756	<-20.874	PASS
11N40SISO	2452	Ant1	10000	26000	100	300	-0.874	-49.392	<-20.874	PASS

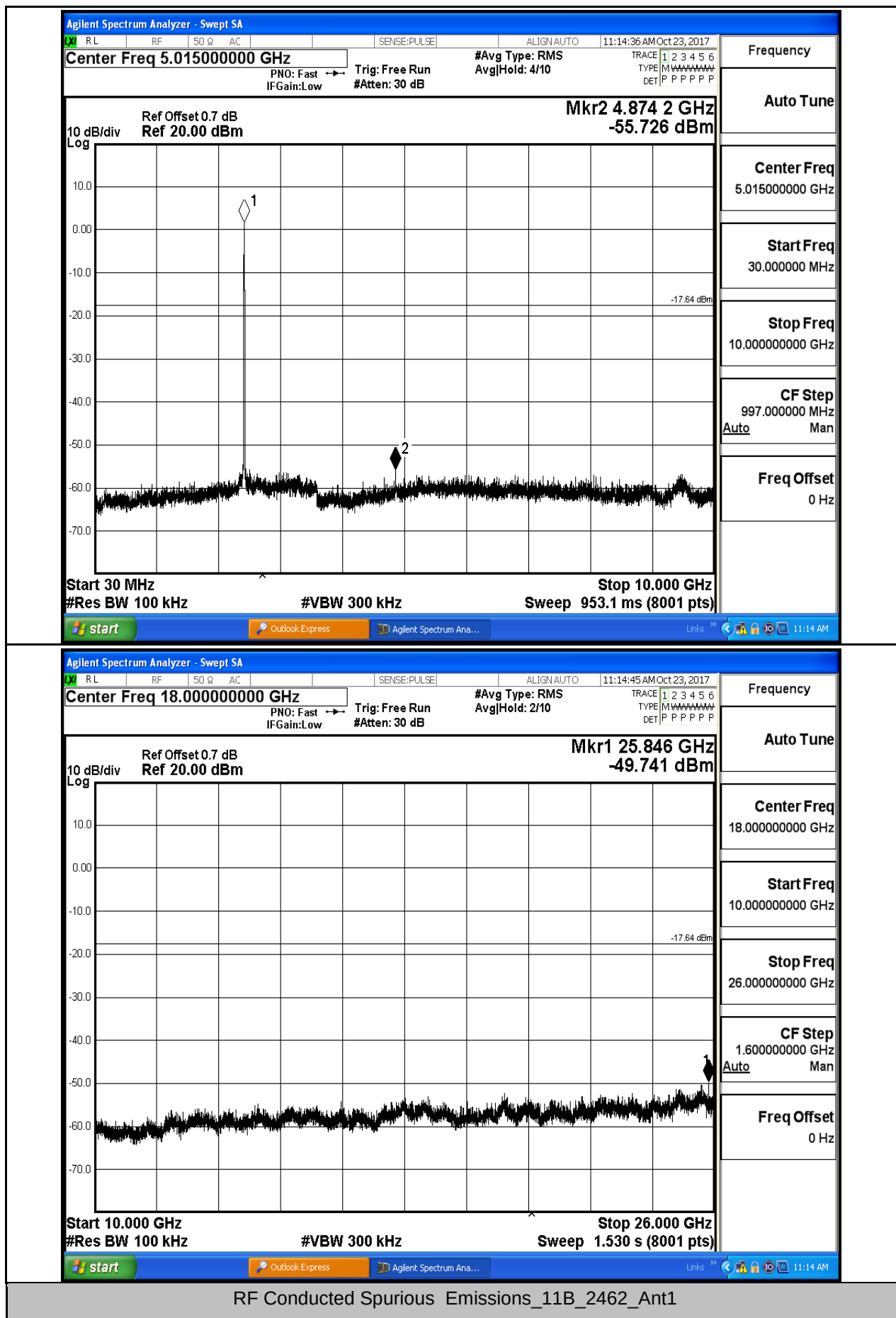
RF Conducted Spurious Emissions_11B_2412_Ant1





RF Conducted Spurious Emissions_11B_2437_Ant1





Frequency

Auto Tune

Center Freq
18.000000000 GHz

Start Freq
10.000000000 GHz

Stop Freq
26.000000000 GHz

CF Step
1.600000000 GHz
Auto Man

Freq Offset
0 Hz

Ref Offset 0.7 dB

Ref 20.00 dBm

Mkr1 25.846 GHz

-49.741 dBm

10 dB/div

Log

1

-17.64 dBm

Start 10.000 GHz

#Res BW 100 kHz

#VBW 300 kHz

Stop 26.000 GHz

Sweep 1.530 s (8001 pts)

start

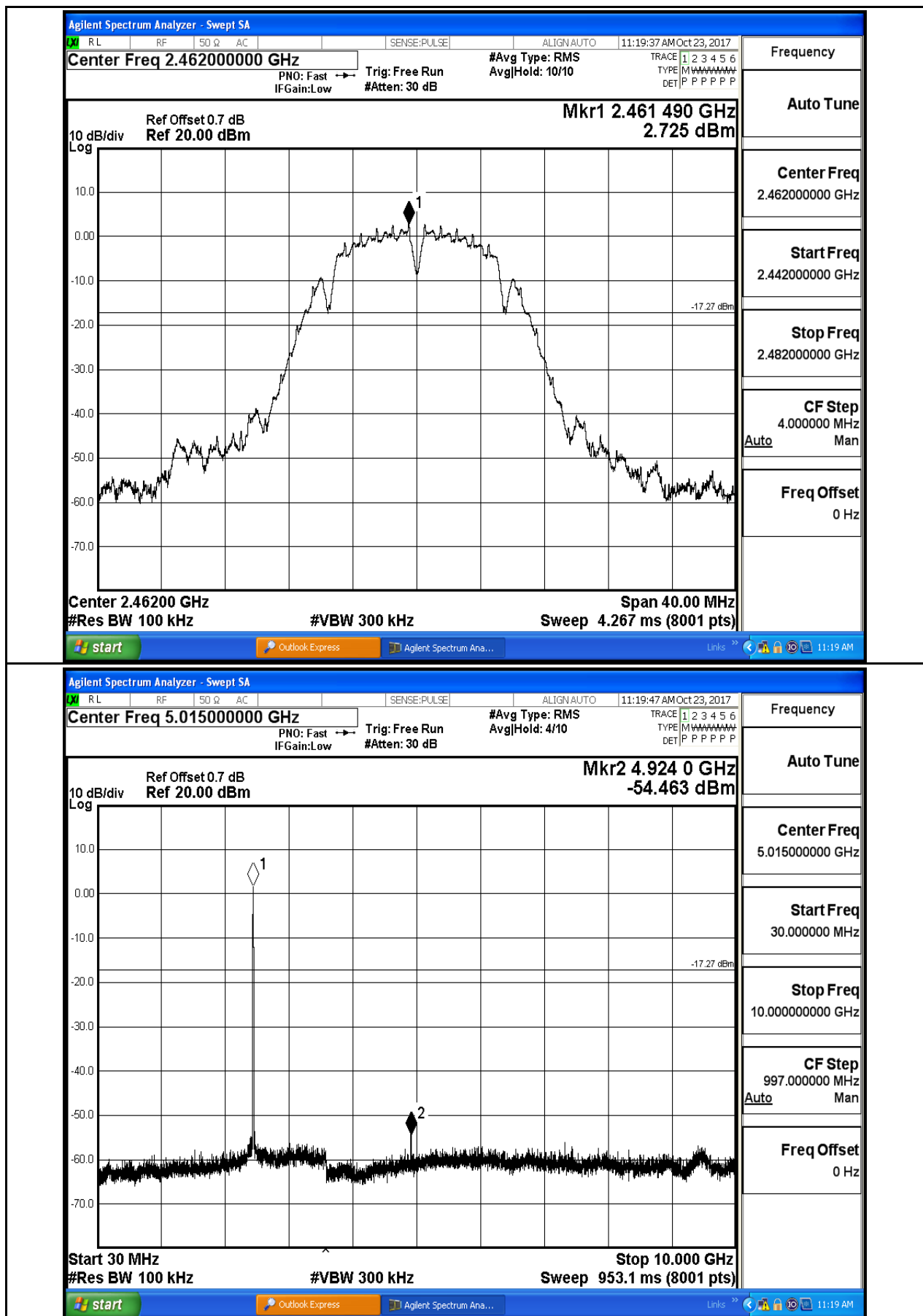
Outlook Express

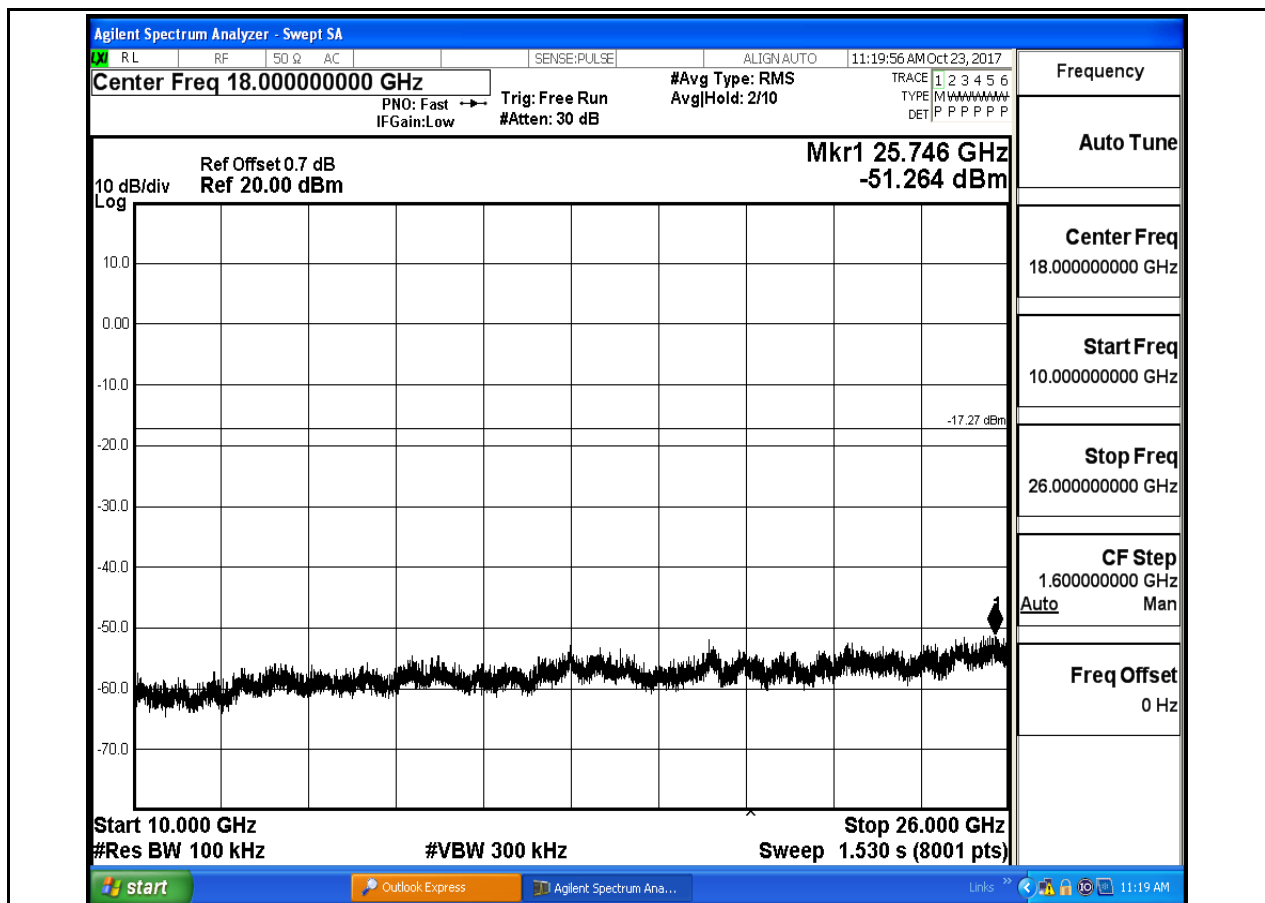
Agilent Spectrum Ana...

Links

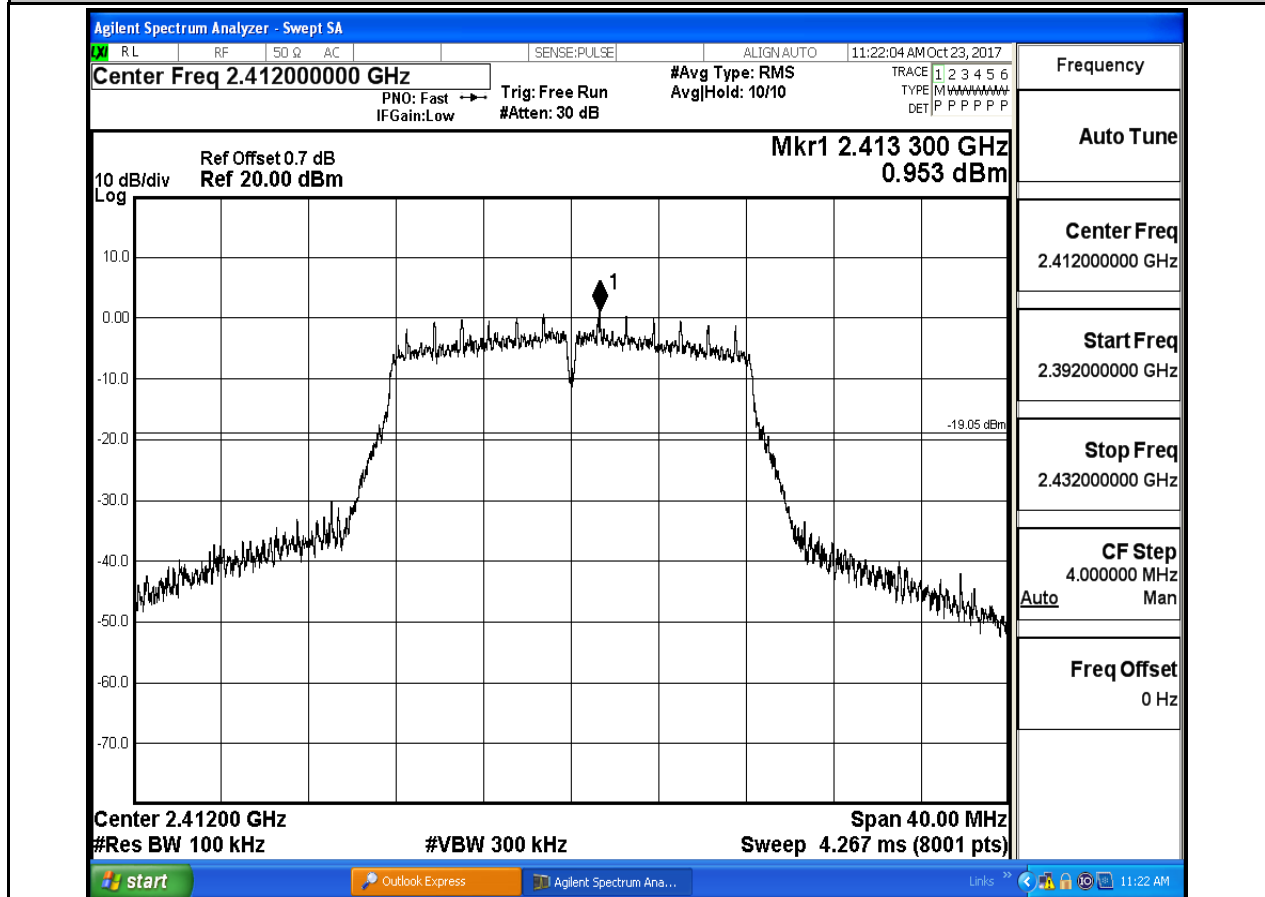
11:14 AM

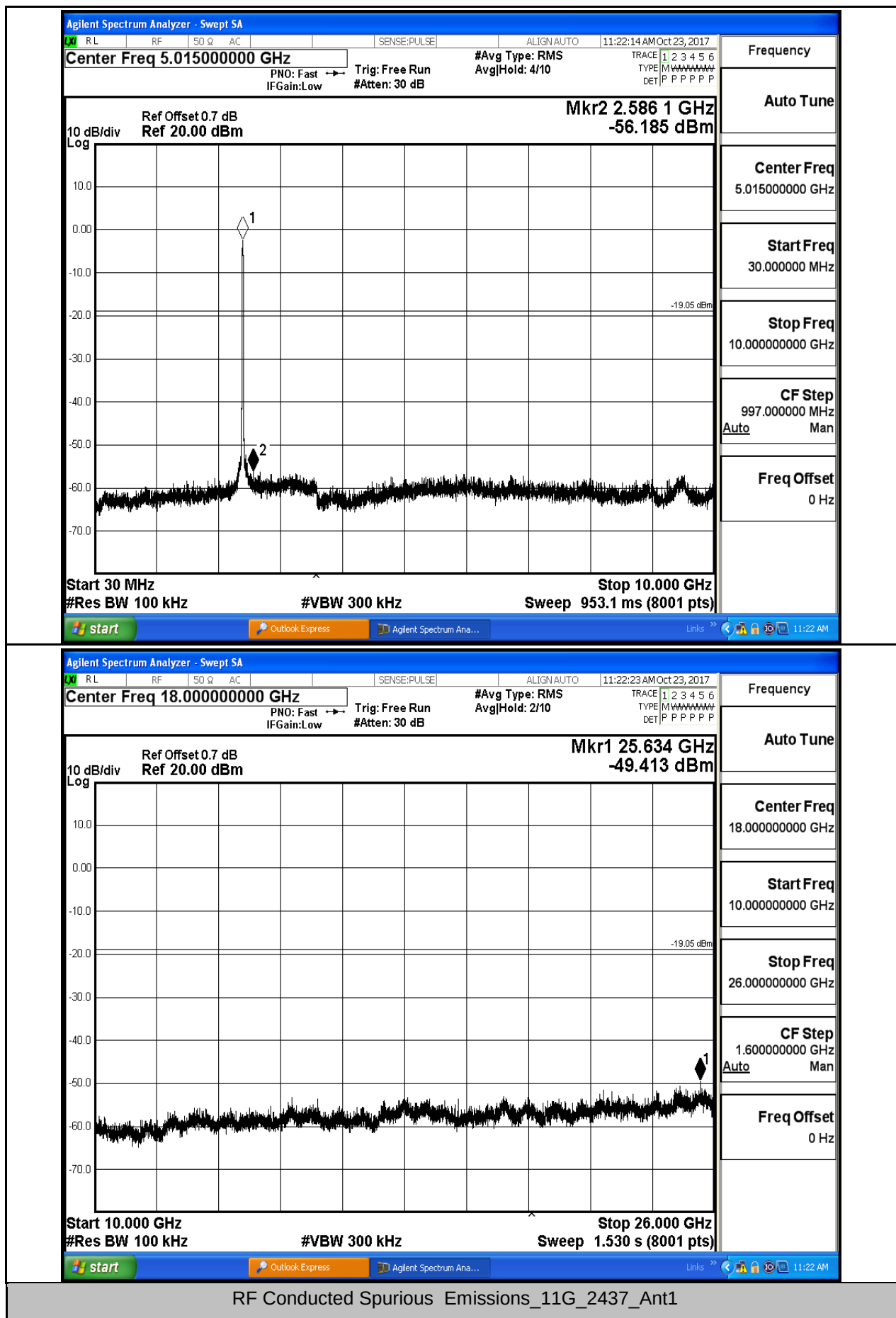
RF Conducted Spurious Emissions_11B_2462_Ant1





RF Conducted Spurious Emissions_11G_2412_Ant1





Frequency

Auto Tune

Center Freq
18.000000000 GHz

Start Freq
10.000000000 GHz

Stop Freq
26.000000000 GHz

CF Step
1.600000000 GHz
Auto Man

Freq Offset
0 Hz

Ref Offset 0.7 dB

Ref 20.00 dBm

Mkr1 25.634 GHz

-49.413 dBm

10 dB/div

Log

Start 10.000 GHz

#Res BW 100 kHz

#VBW 300 kHz

Stop 26.000 GHz

Sweep 1.530 s (8001 pts)

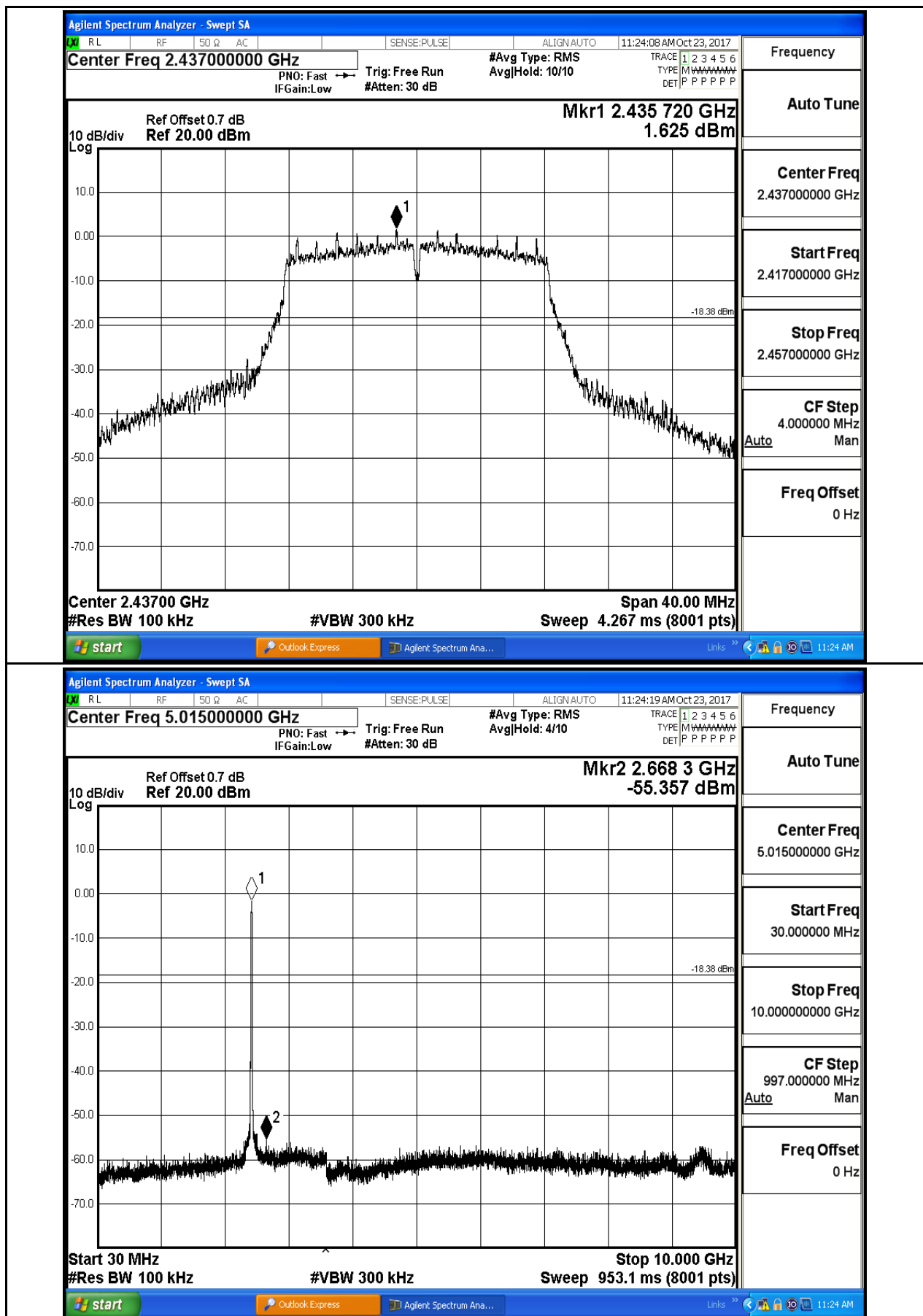
start

Outlook Express

Agilent Spectrum Ana...

Links

11:22 AM



Frequency

Auto Tune

Center Freq
5.015000000 GHz

Start Freq
30.000000 MHz

Stop Freq
10.000000000 GHz

CF Step
997.000000 MHz
Auto Man

Freq Offset
0 Hz

Ref Offset 0.7 dB

Ref 20.00 dBm

Mkr2 2.668 3 GHz
-55.357 dBm

10 dB/div

Log

Start 30 MHz

#Res BW 100 kHz

#VBW 300 kHz

Stop 10.000 GHz

Sweep 953.1 ms (8001 pts)

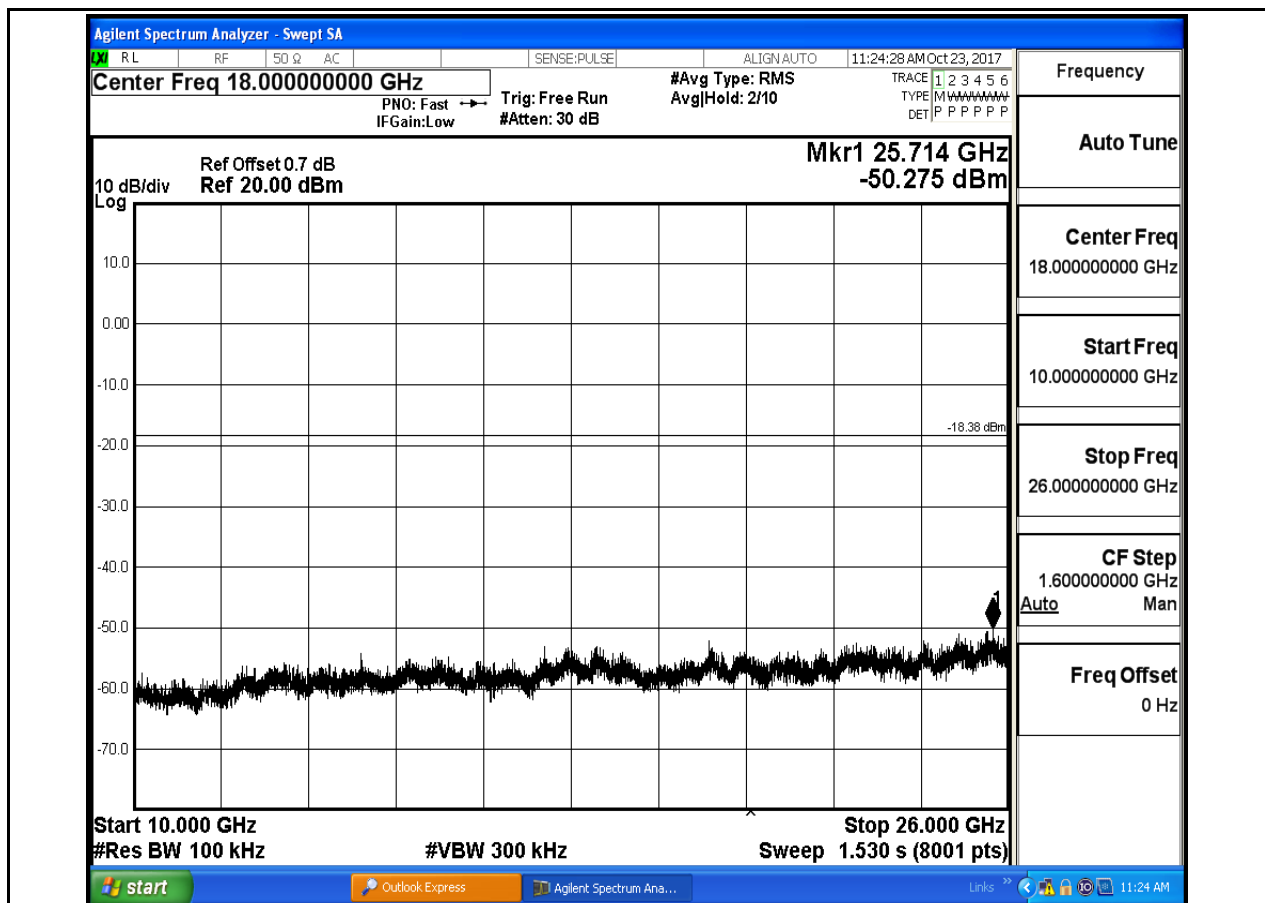
start

Outlook Express

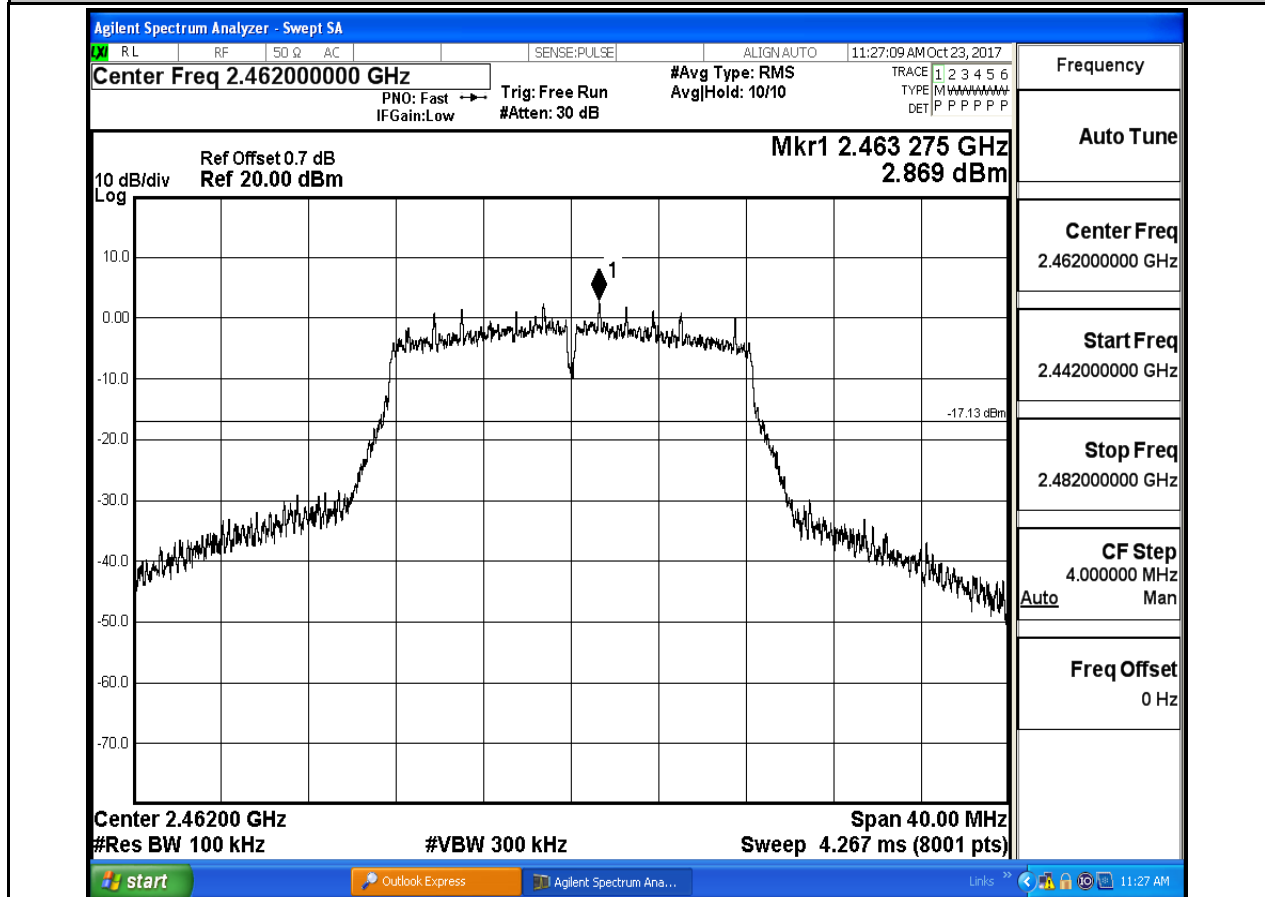
Agilent Spectrum Ana...

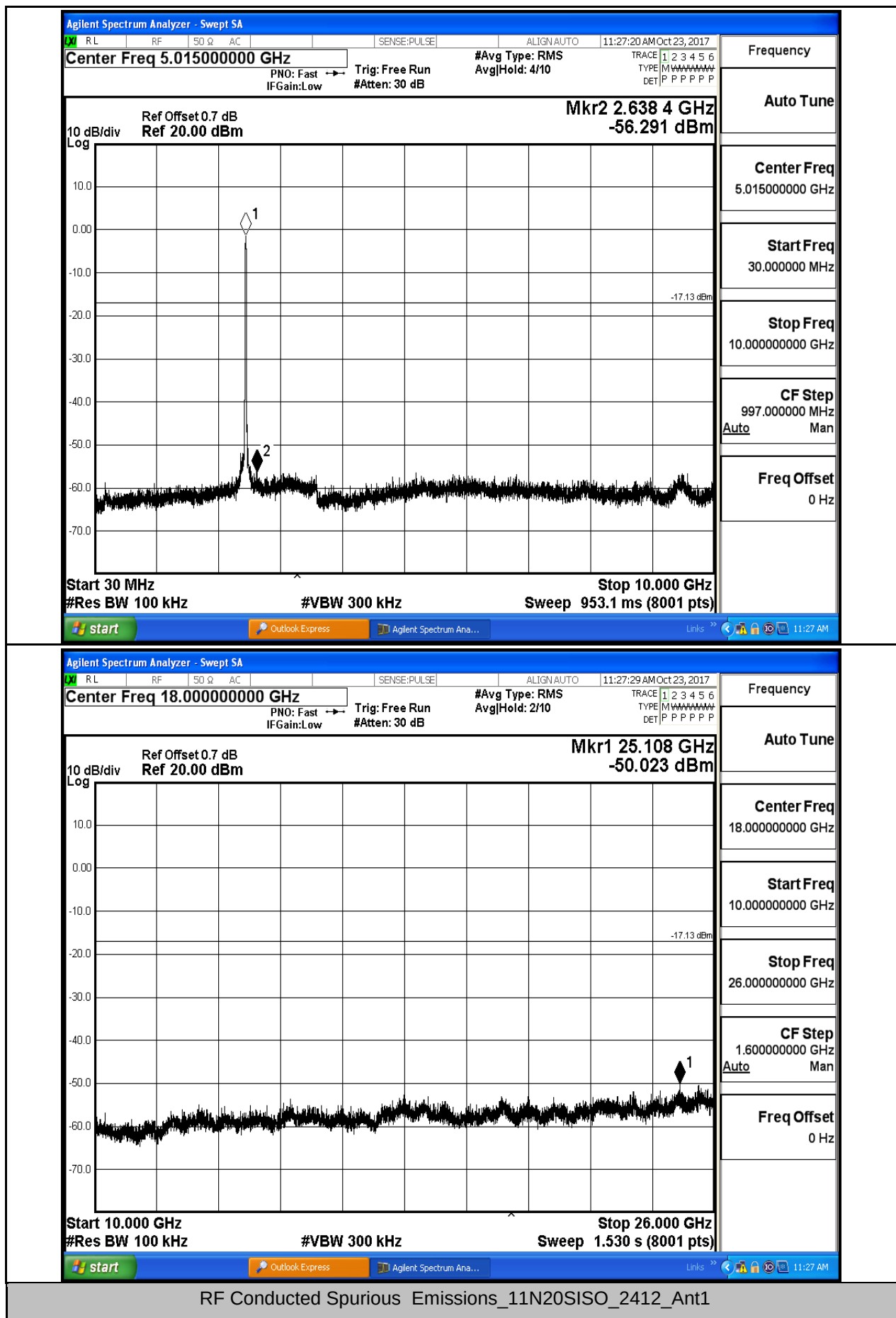
Links

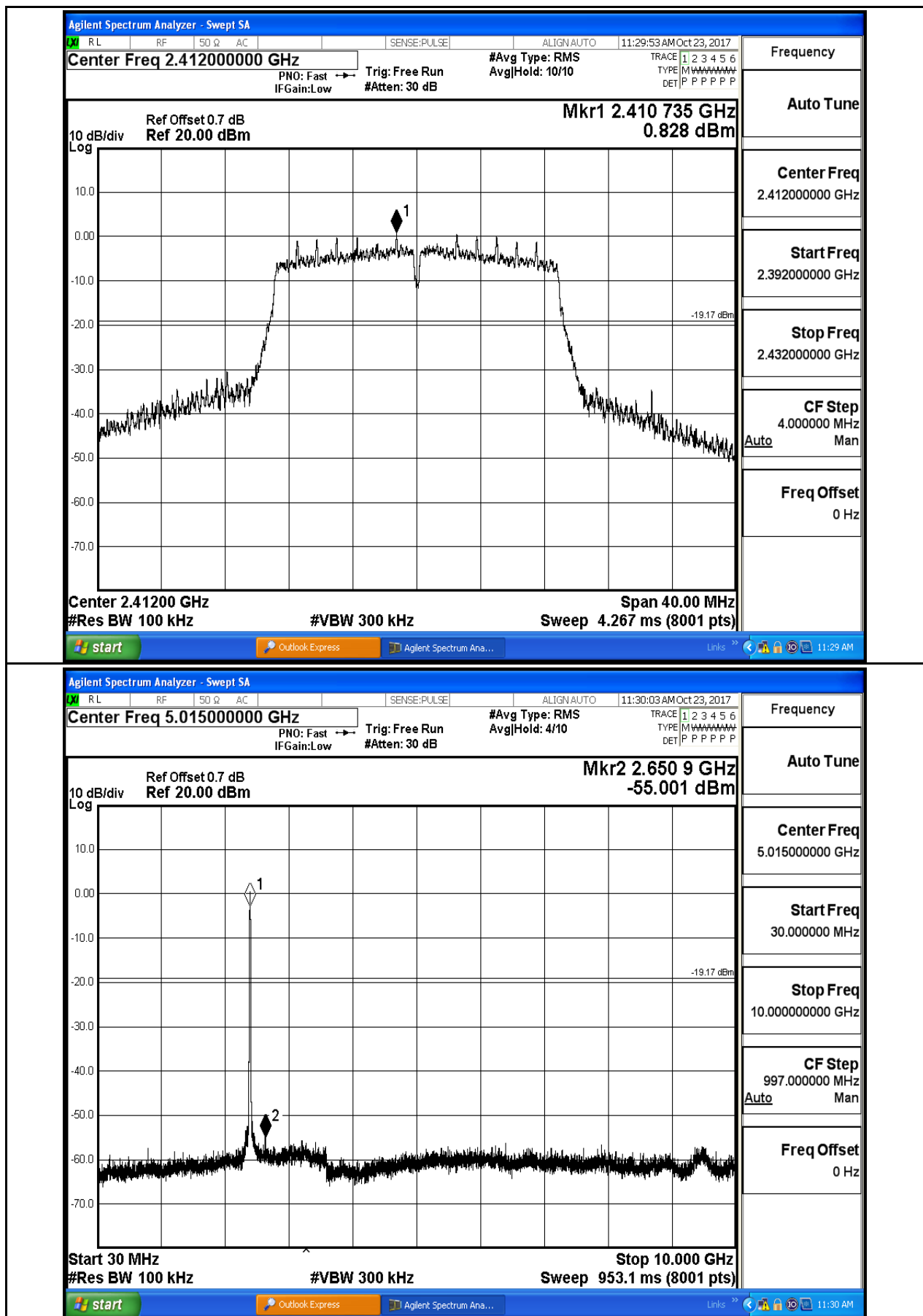
11:24 AM



RF Conducted Spurious Emissions_11G_2462_Ant1







Agilent Spectrum Analyzer - Swept SA

RL RF 50 Ω AC

SENSE:PULSE

ALIGN:AUTO

11:30:03 AM Oct 23, 2017

Center Freq 5.015000000 GHz

PNO: Fast

IFGain:Low

Trig: Free Run

#Atten: 30 dB

#Avg Type: RMS

AvgHold: 4/10

TRACE 1 2 3 4 5 6

TYPE M W W W W W W W

DET P P P P P P

Ref Offset 0.7 dB

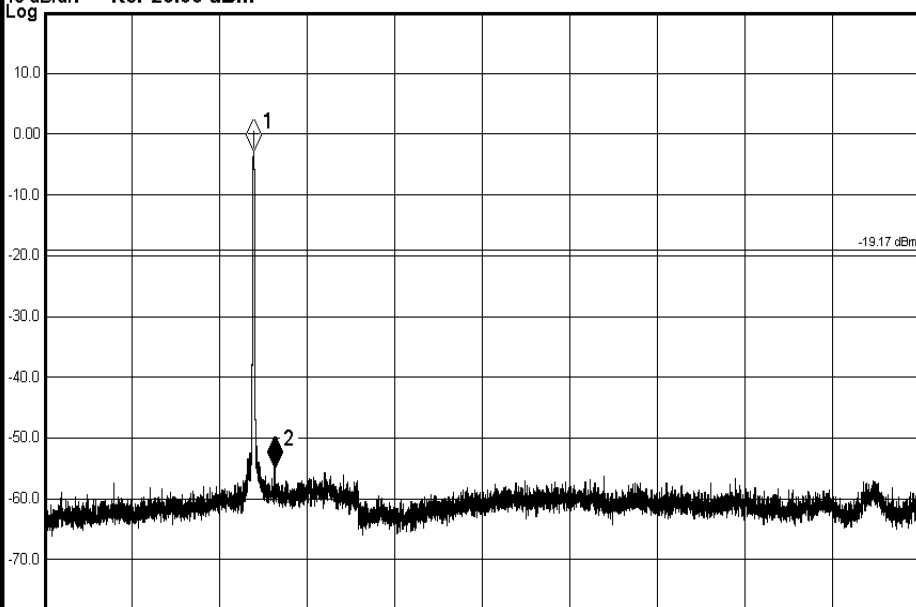
Ref 20.00 dBm

Mkr2 2.650 9 GHz

-55.001 dBm

10 dB/div

Log



Start 30 MHz

#Res BW 100 kHz

#VBW 300 kHz

Stop 10.000 GHz

Sweep 953.1 ms (8001 pts)

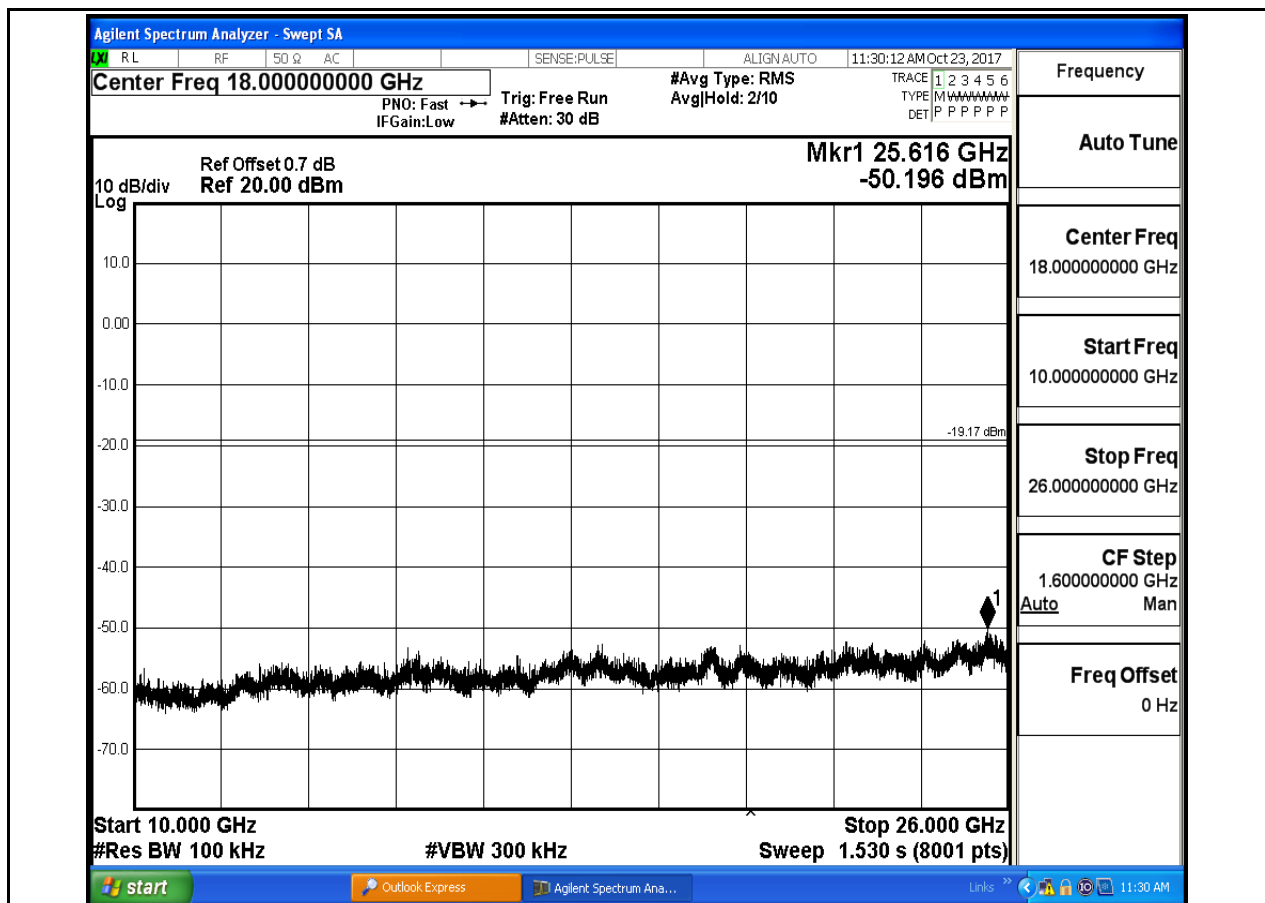
start

Outlook Express

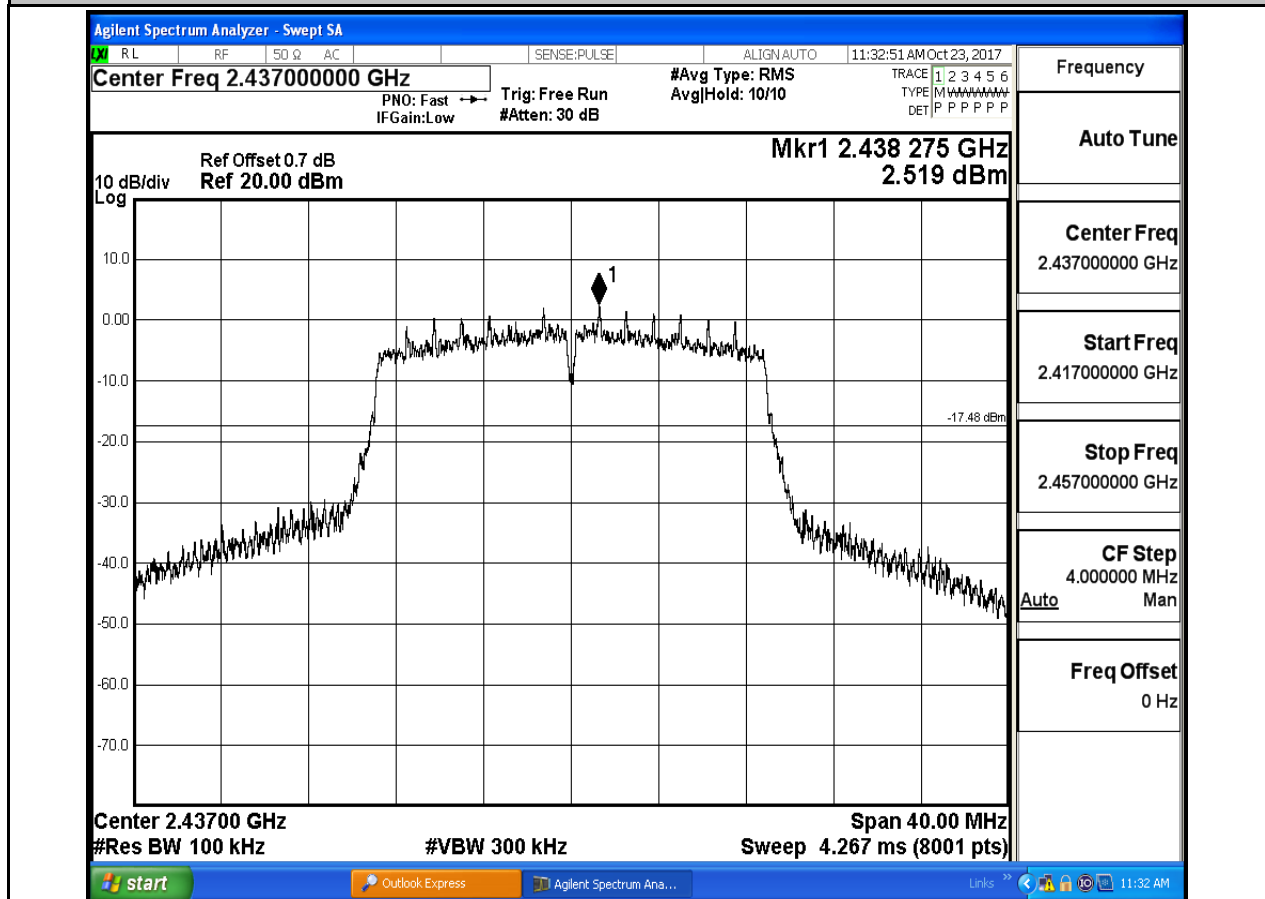
Agilent Spectrum Ana...

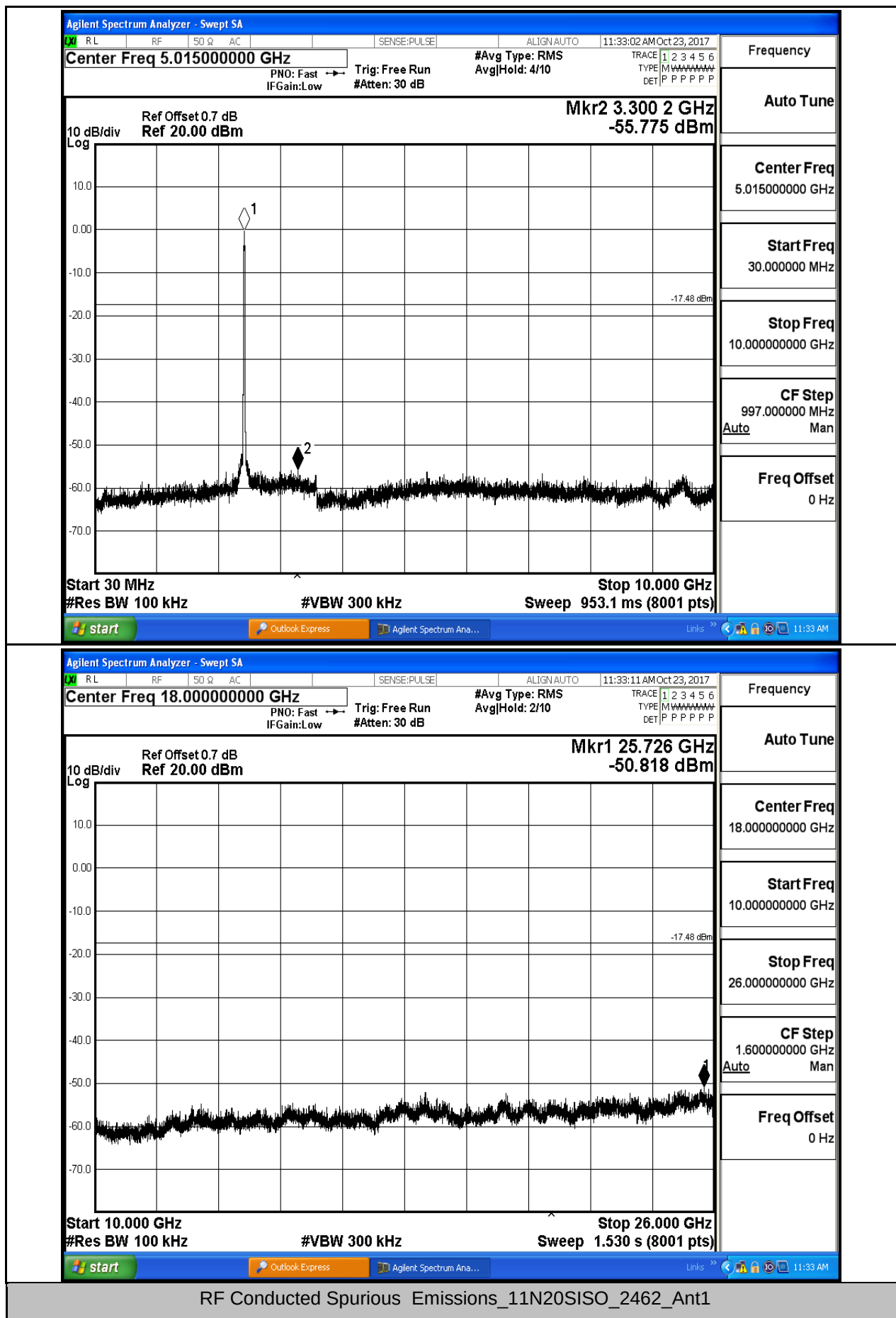
Links

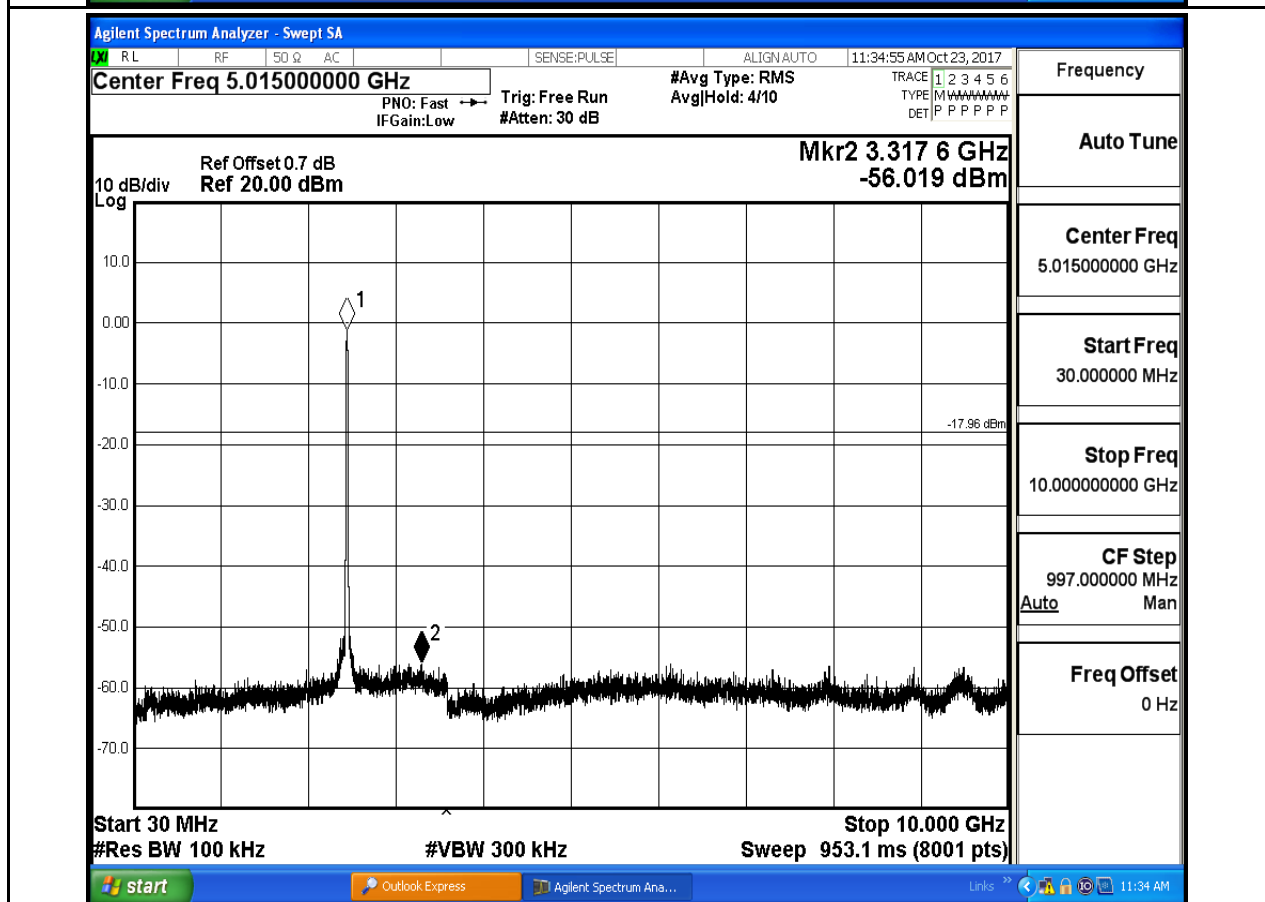
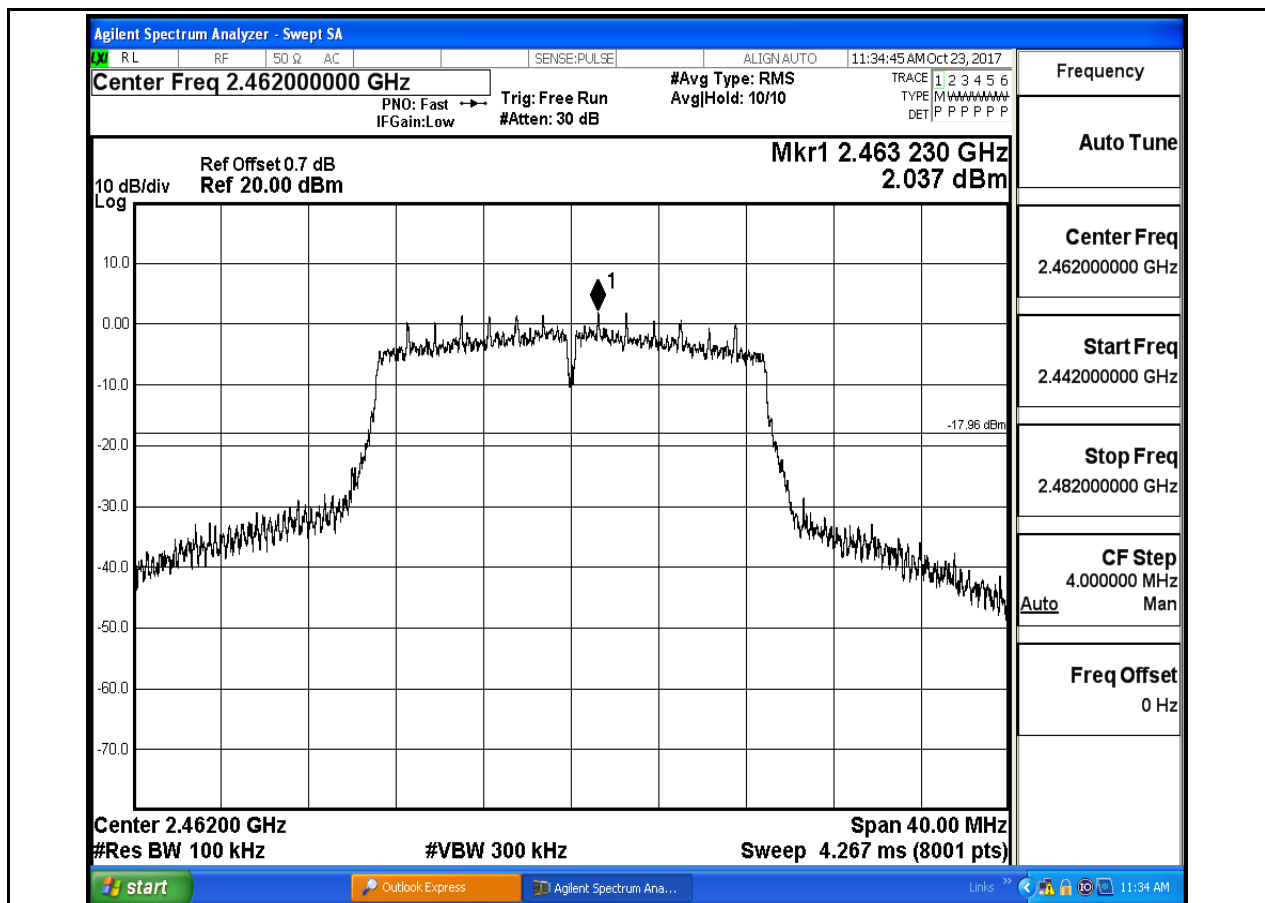
11:30 AM

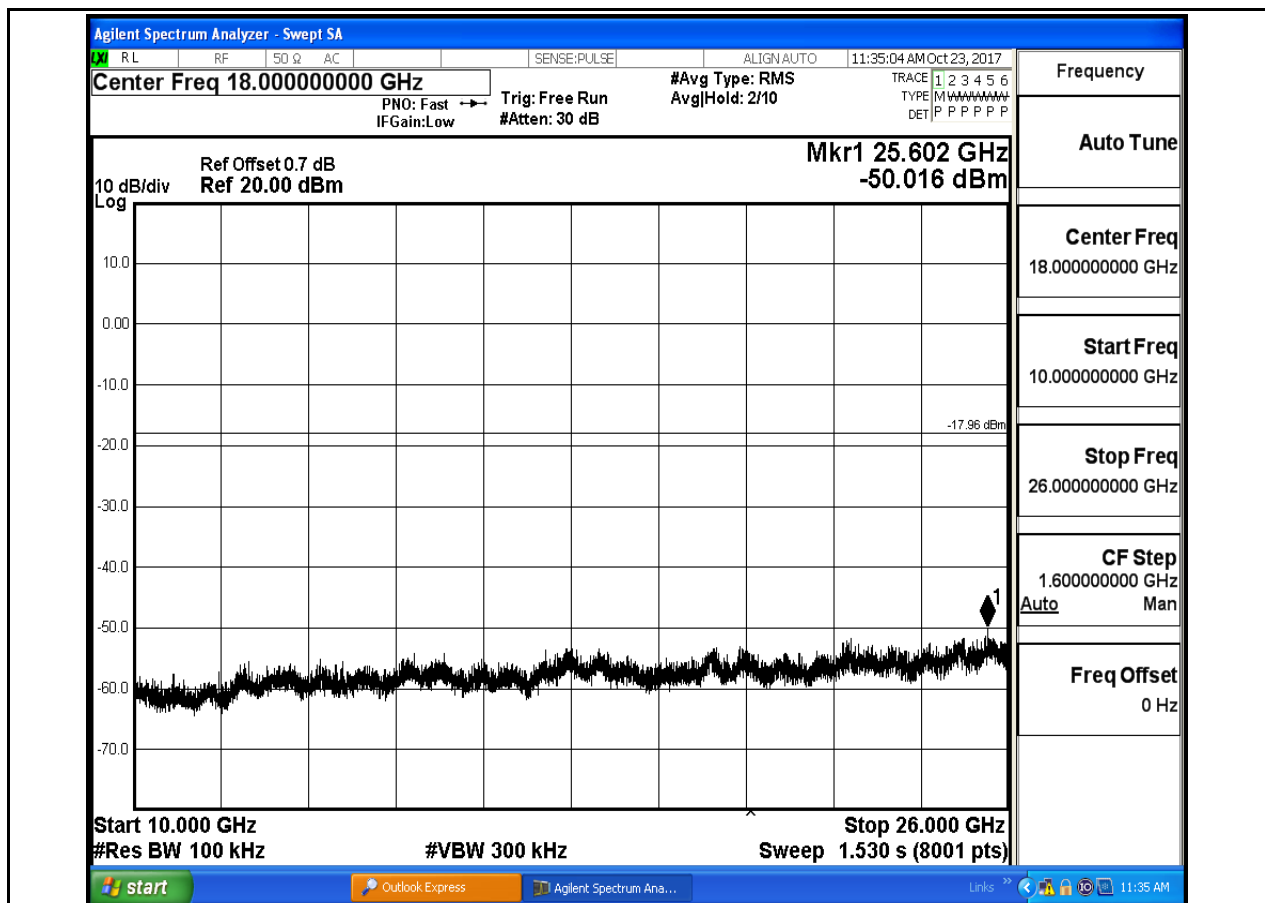


RF Conducted Spurious Emissions_11N20SISO_2437_Ant1

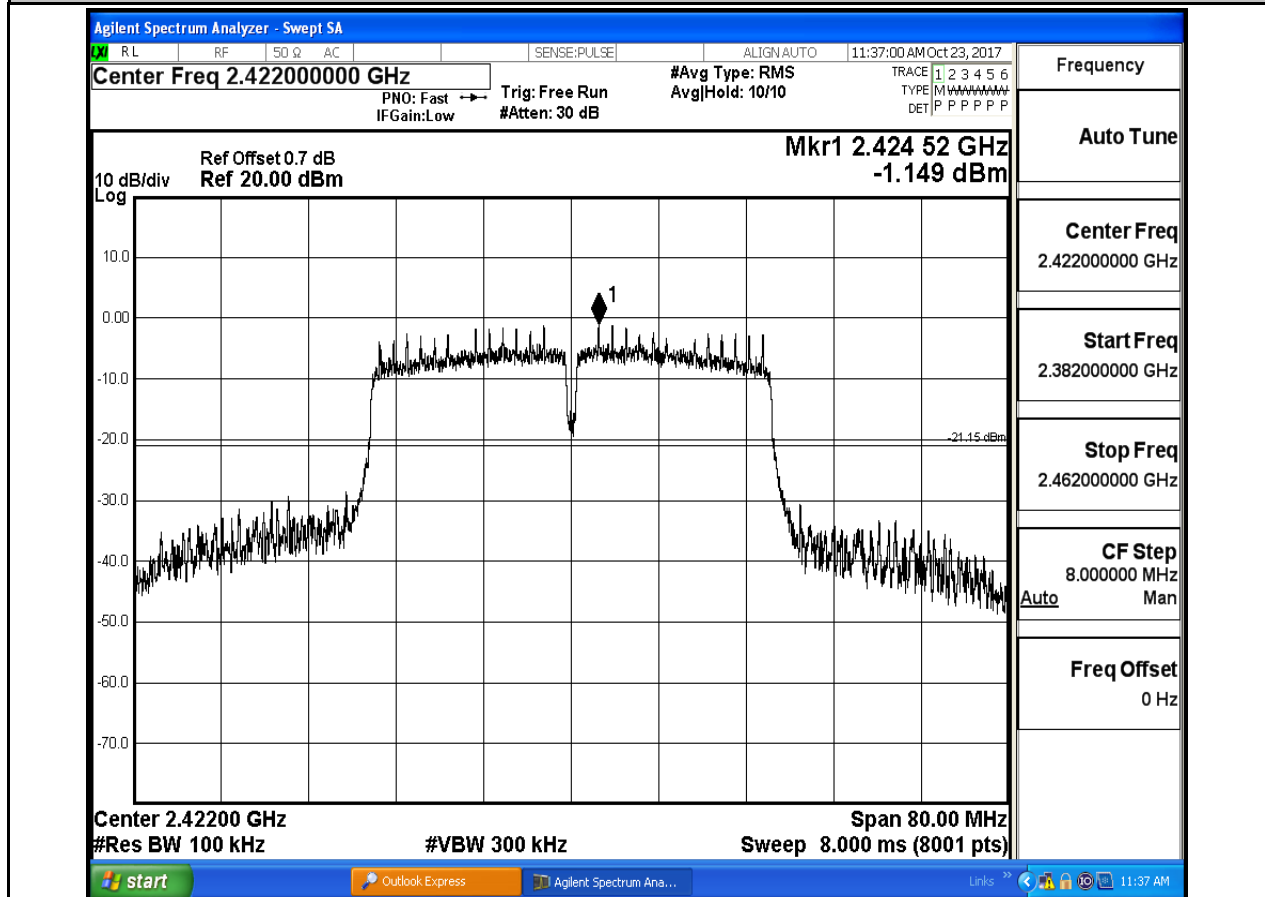


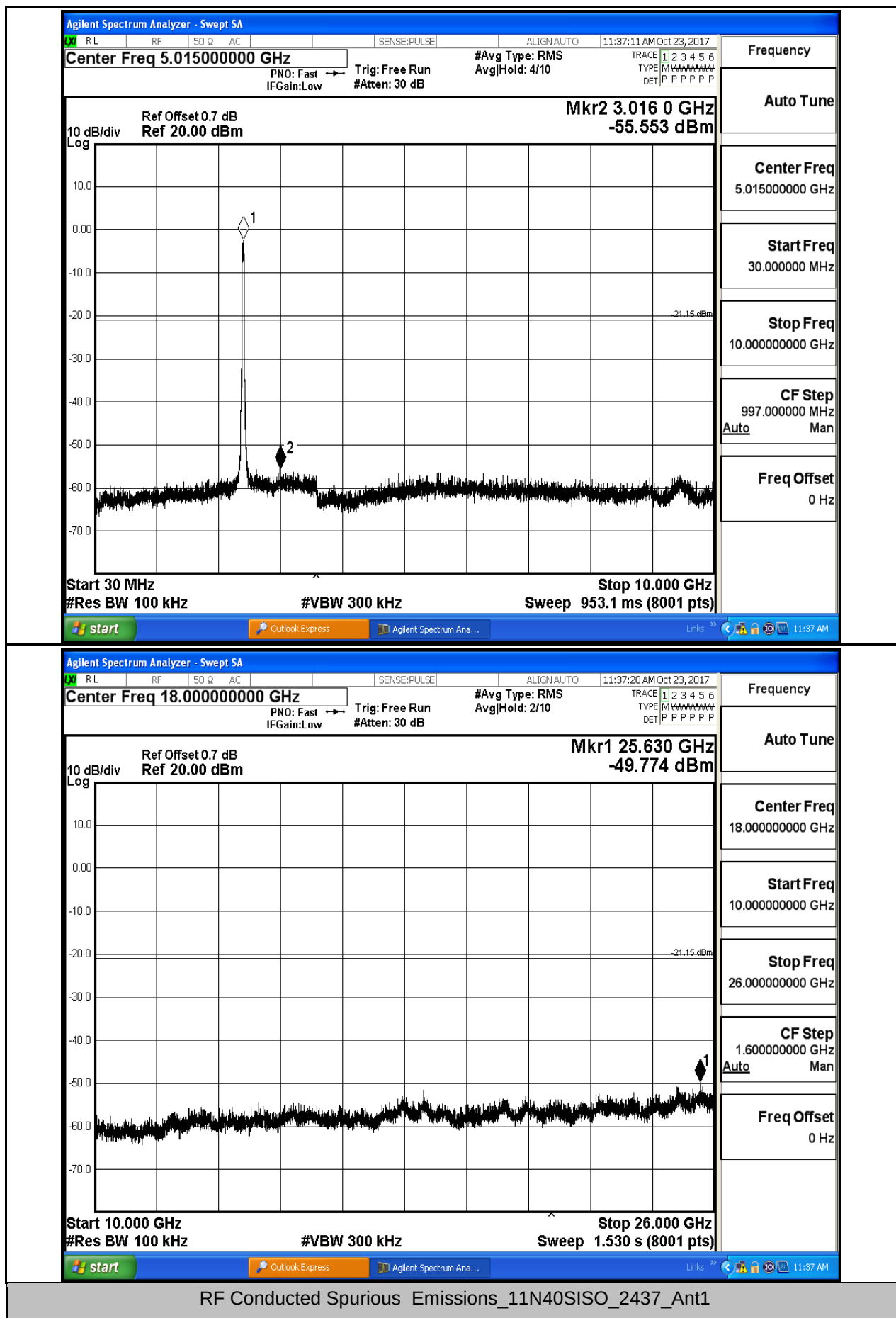






RF Conducted Spurious Emissions_11N40SISO_2422_Ant1





Frequency

Auto Tune

Center Freq
18.000000000 GHz

Start Freq
10.000000000 GHz

Stop Freq
26.000000000 GHz

CF Step
1.600000000 GHz
Auto Man

Freq Offset
0 Hz

Ref Offset 0.7 dB

Ref 20.00 dBm

Mkr1 25.630 GHz

-49.774 dBm

10 dB/div

Log

Start 10.000 GHz

#Res BW 100 kHz

#VBW 300 kHz

Stop 26.000 GHz

Sweep 1.530 s (8001 pts)

start

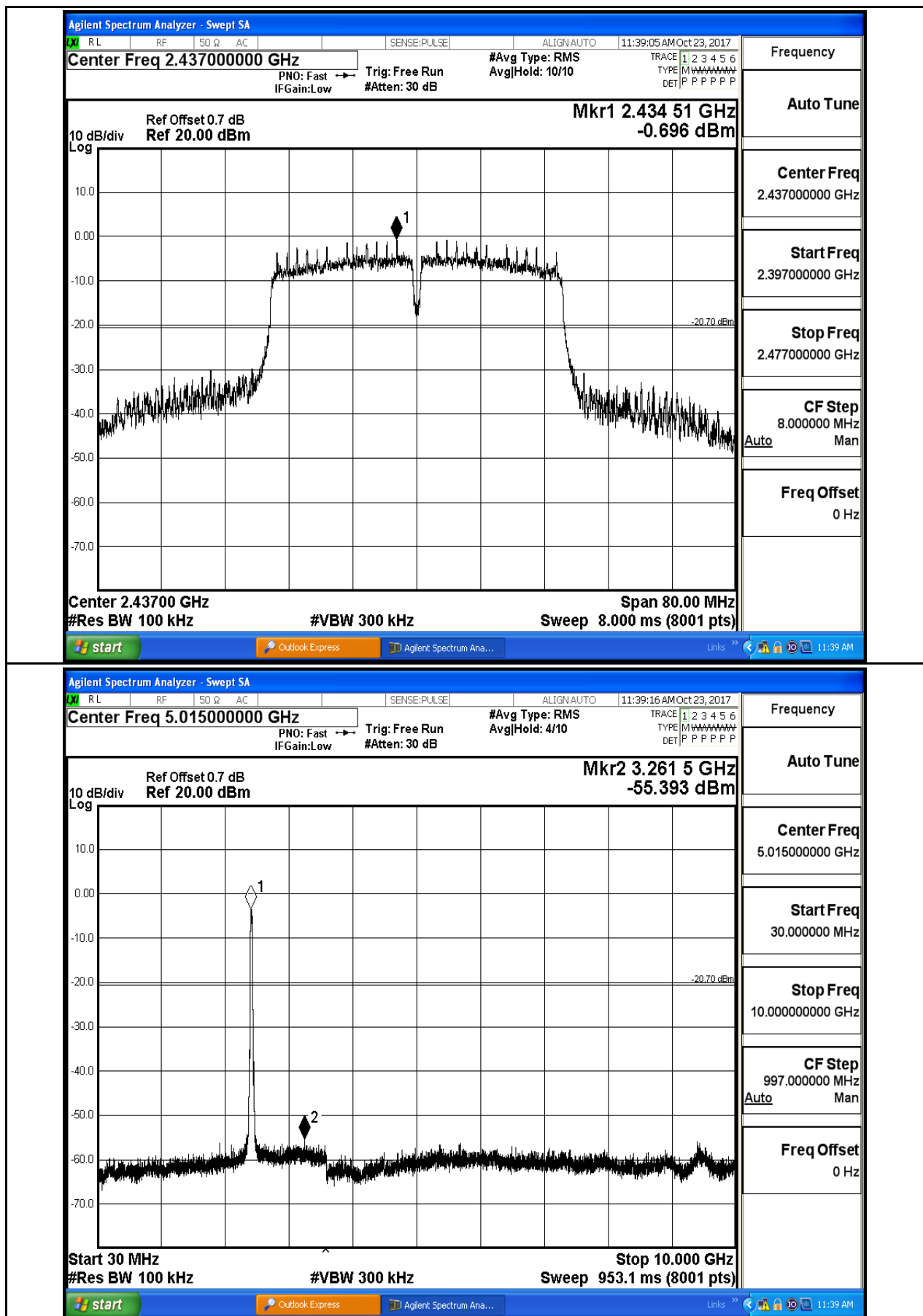
Outlook Express

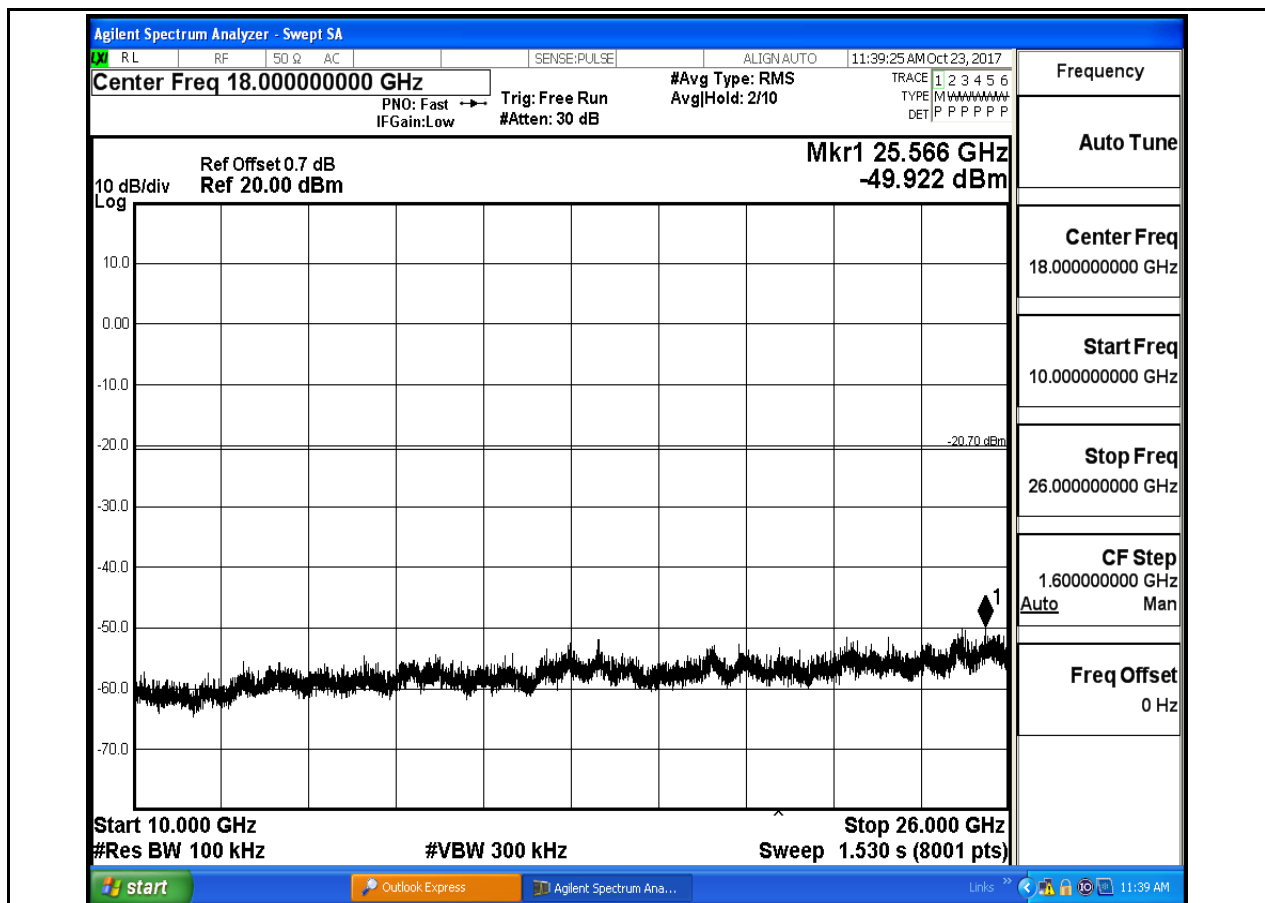
Agilent Spectrum Ana...

Links

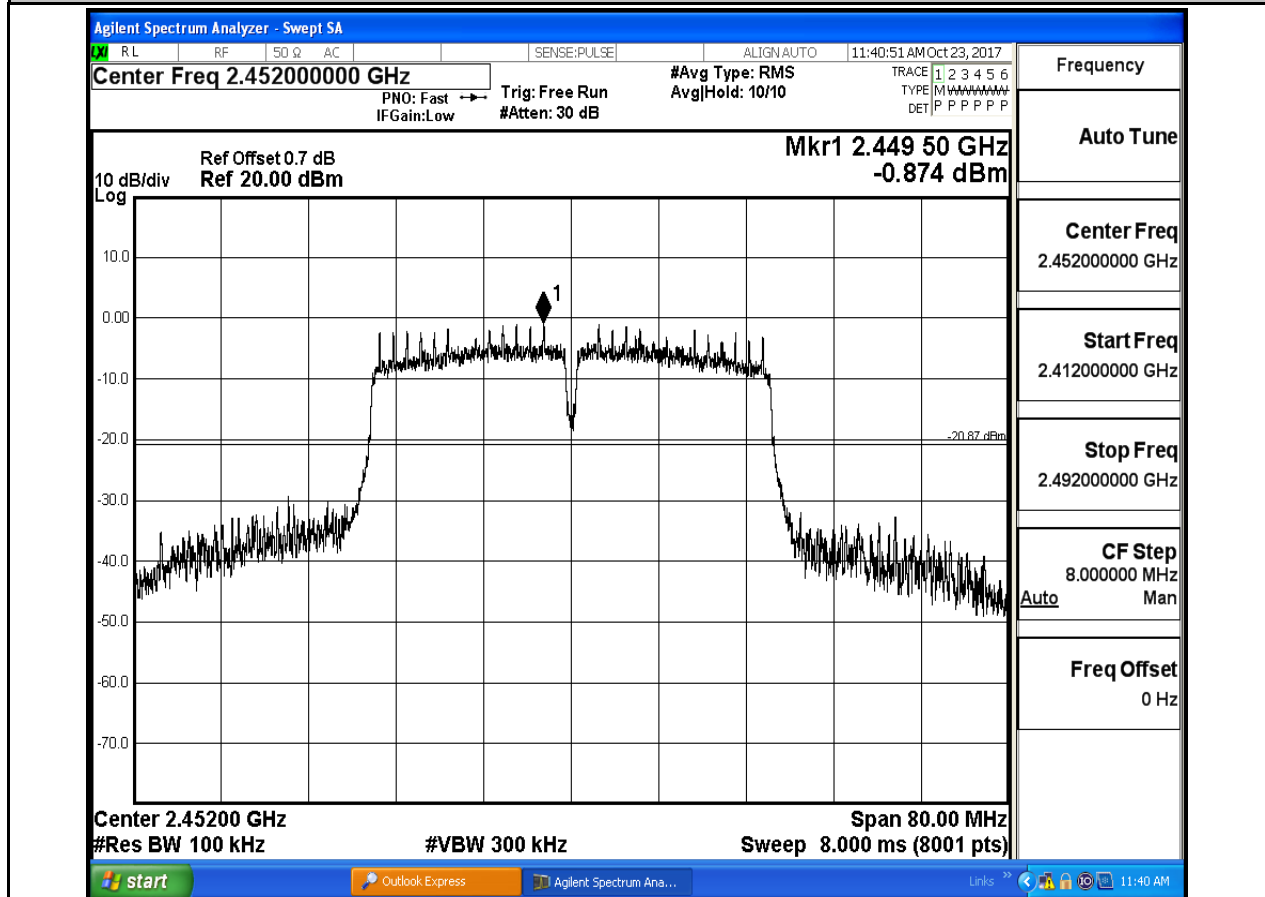
11:37 AM

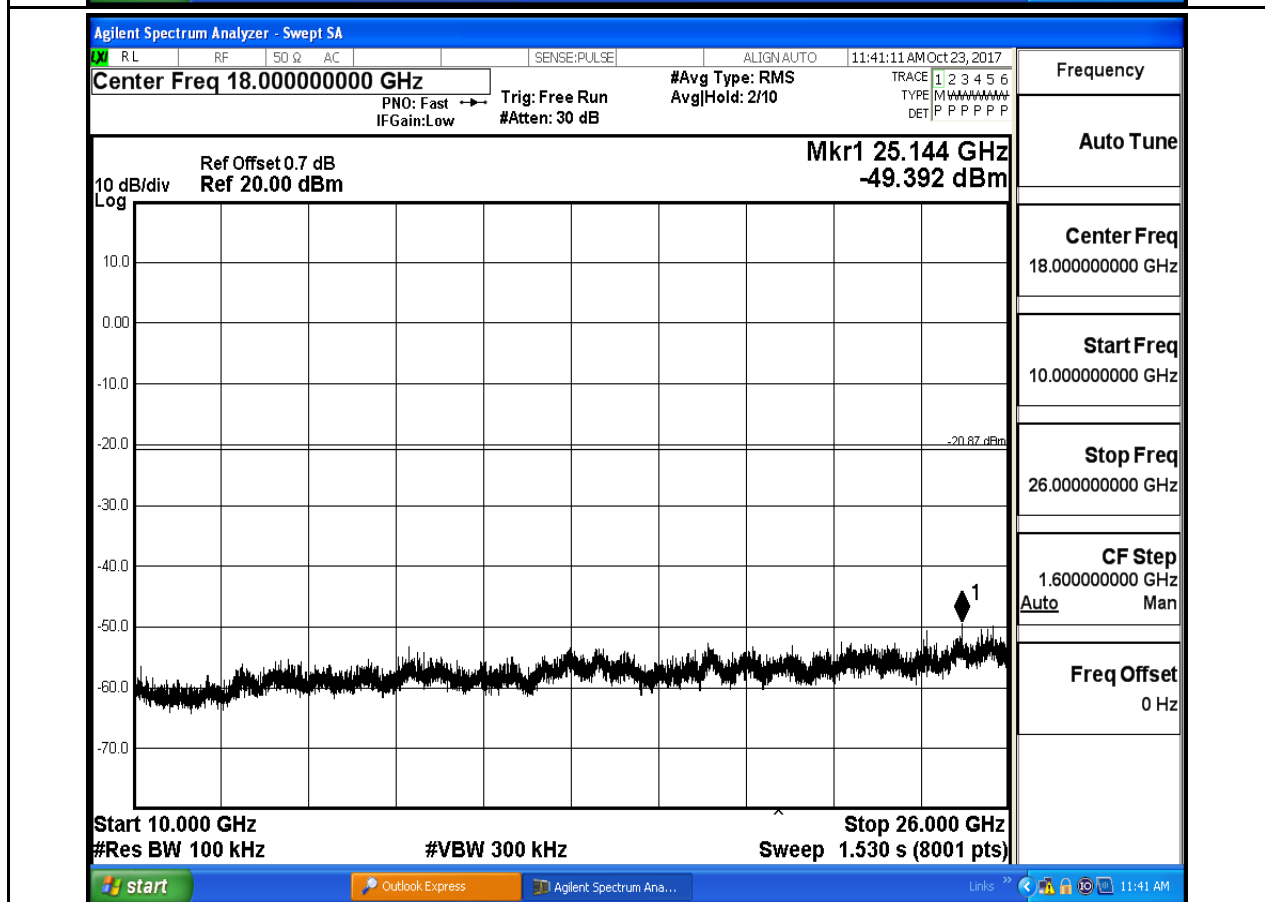
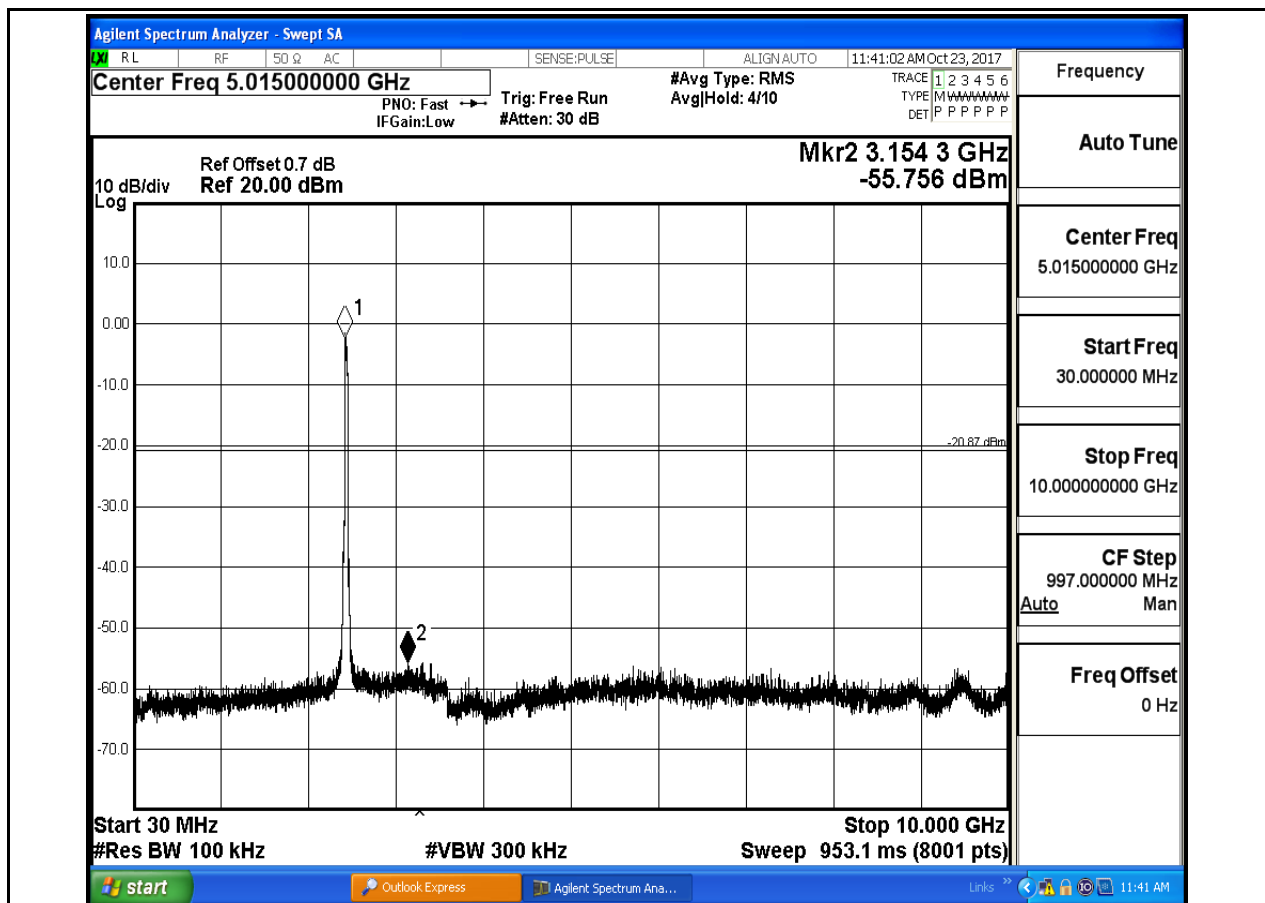
RF Conducted Spurious Emissions_11N40SISO_2437_Ant1





RF Conducted Spurious Emissions_11N40SISO_2452_Ant1

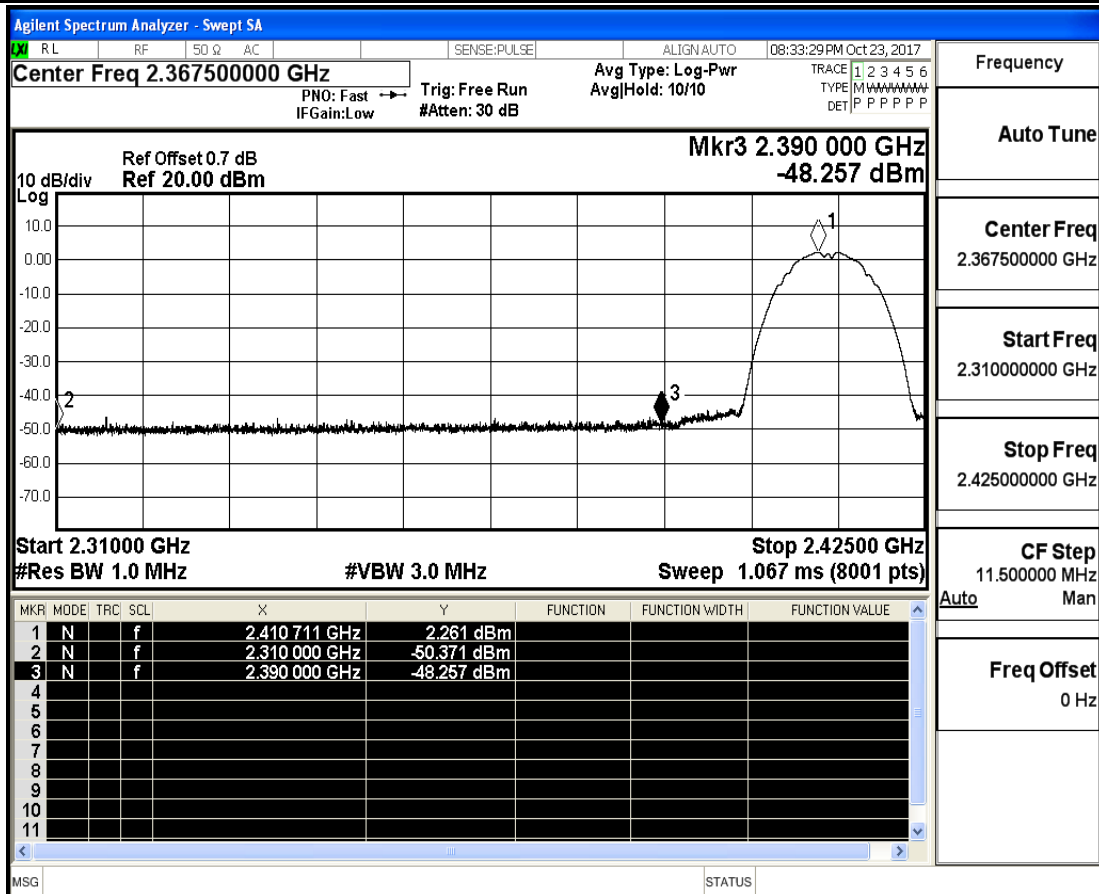




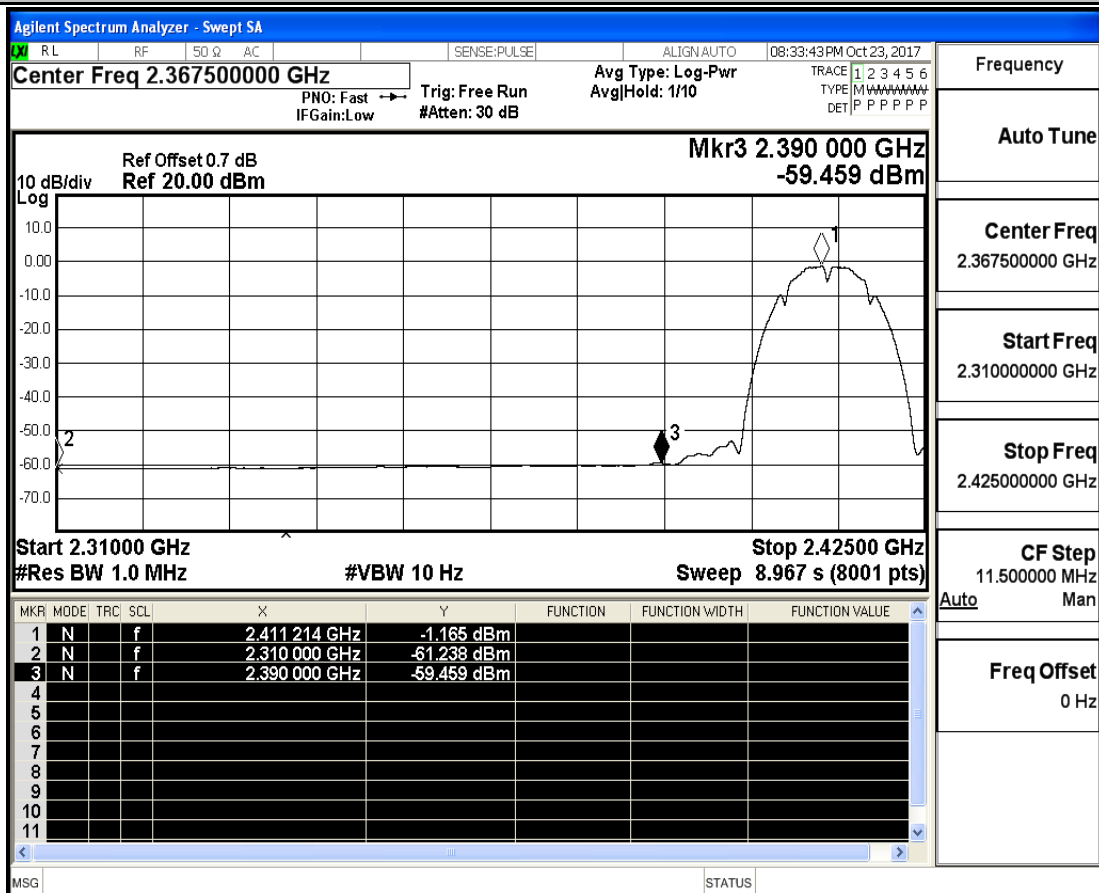
7.Restrict-band band-edge measurements

Test Mode	Test Channel	Ant	Freq.	Power [dBm]	Gain	Ground Factor	E [dBuV/m]	Detector	Limit [dBuV/m]	Verdict
11B	2412	Ant1	2310.0	-50.37	2	0	44.89	PEAK	74	PASS
11B	2412	Ant1	2310.0	-61.24	2	0	34.02	AV	54	PASS
11B	2412	Ant1	2390.0	-48.26	2	0	47.00	PEAK	74	PASS
11B	2412	Ant1	2390.0	-59.46	2	0	35.80	AV	54	PASS
11B	2462	Ant1	2483.5	-49.48	2	0	45.78	PEAK	74	PASS
11B	2462	Ant1	2483.5	-60.30	2	0	34.96	AV	54	PASS
11B	2462	Ant1	2500.0	-49.86	2	0	45.40	PEAK	74	PASS
11B	2462	Ant1	2500.0	-60.39	2	0	34.87	AV	54	PASS
11G	2412	Ant1	2310.0	-50.74	2	0	44.52	PEAK	74	PASS
11G	2412	Ant1	2310.0	-61.12	2	0	34.14	AV	54	PASS
11G	2412	Ant1	2390.0	-45.97	2	0	49.29	PEAK	74	PASS
11G	2412	Ant1	2390.0	-57.66	2	0	37.60	AV	54	PASS
11G	2462	Ant1	2483.5	-45.70	2	0	49.55	PEAK	74	PASS
11G	2462	Ant1	2483.5	-58.11	2	0	37.14	AV	54	PASS
11G	2462	Ant1	2500.0	-48.15	2	0	47.11	PEAK	74	PASS
11G	2462	Ant1	2500.0	-59.11	2	0	36.15	AV	54	PASS
11N20SISO	2412	Ant1	2310.0	-49.42	2	0	45.84	PEAK	74	PASS
11N20SISO	2412	Ant1	2310.0	-61.12	2	0	34.14	AV	54	PASS
11N20SISO	2412	Ant1	2390.0	-45.02	2	0	50.24	PEAK	74	PASS
11N20SISO	2412	Ant1	2390.0	-57.47	2	0	37.79	AV	54	PASS
11N20SISO	2462	Ant1	2483.5	-46.72	2	0	48.54	PEAK	74	PASS
11N20SISO	2462	Ant1	2483.5	-57.82	2	0	37.44	AV	54	PASS
11N20SISO	2462	Ant1	2500.0	-48.29	2	0	46.97	PEAK	74	PASS
11N20SISO	2462	Ant1	2500.0	-59.05	2	0	36.21	AV	54	PASS
11N40SISO	2422	Ant1	2310.0	-50.57	2	0	44.69	PEAK	74	PASS
11N40SISO	2422	Ant1	2310.0	-61.17	2	0	34.09	AV	54	PASS
11N40SISO	2422	Ant1	2390.0	-43.18	2	0	52.08	PEAK	74	PASS
11N40SISO	2422	Ant1	2390.0	-56.86	2	0	38.39	AV	54	PASS
11N40SISO	2452	Ant1	2483.5	-48.07	2	0	47.19	PEAK	74	PASS
11N40SISO	2452	Ant1	2483.5	-58.10	2	0	37.16	AV	54	PASS
11N40SISO	2452	Ant1	2500.0	-48.96	2	0	46.29	PEAK	74	PASS
11N40SISO	2452	Ant1	2500.0	-59.27	2	0	35.99	AV	54	PASS

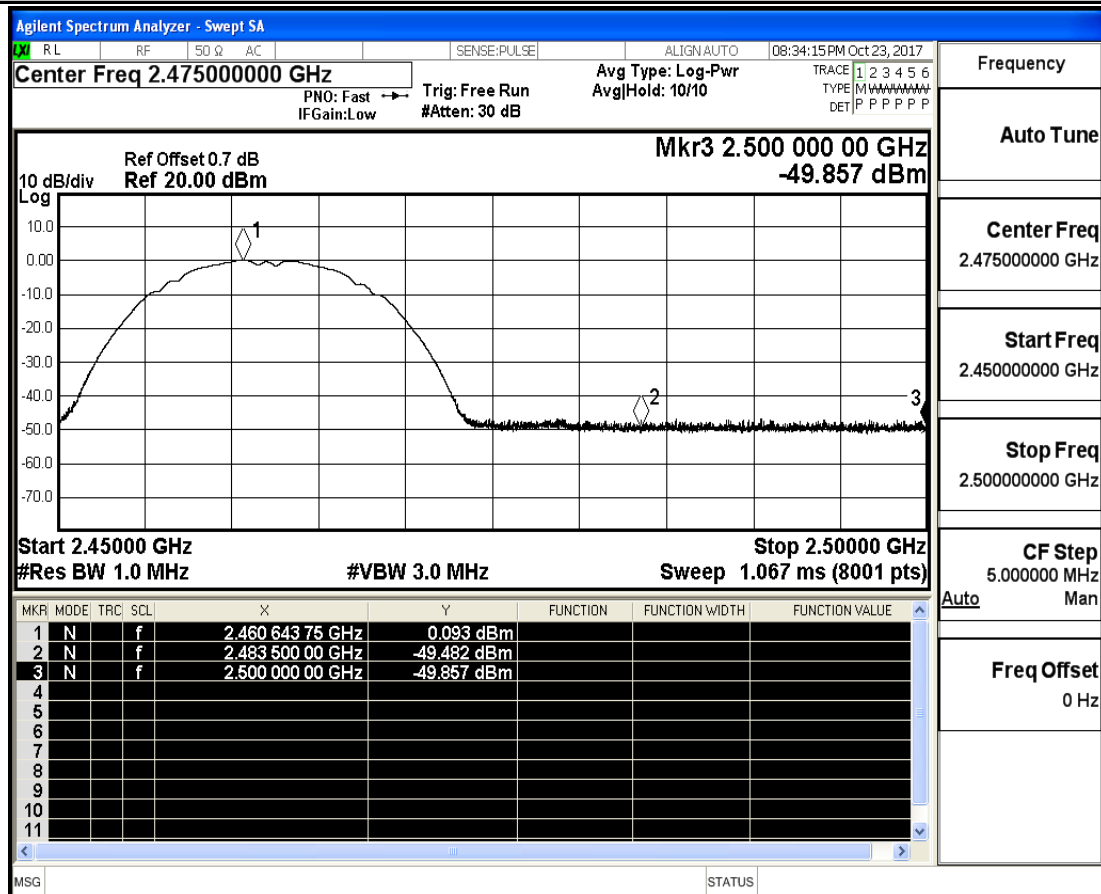
Restrict-band band-edge measurements_11B_2412_Ant1_PEAK



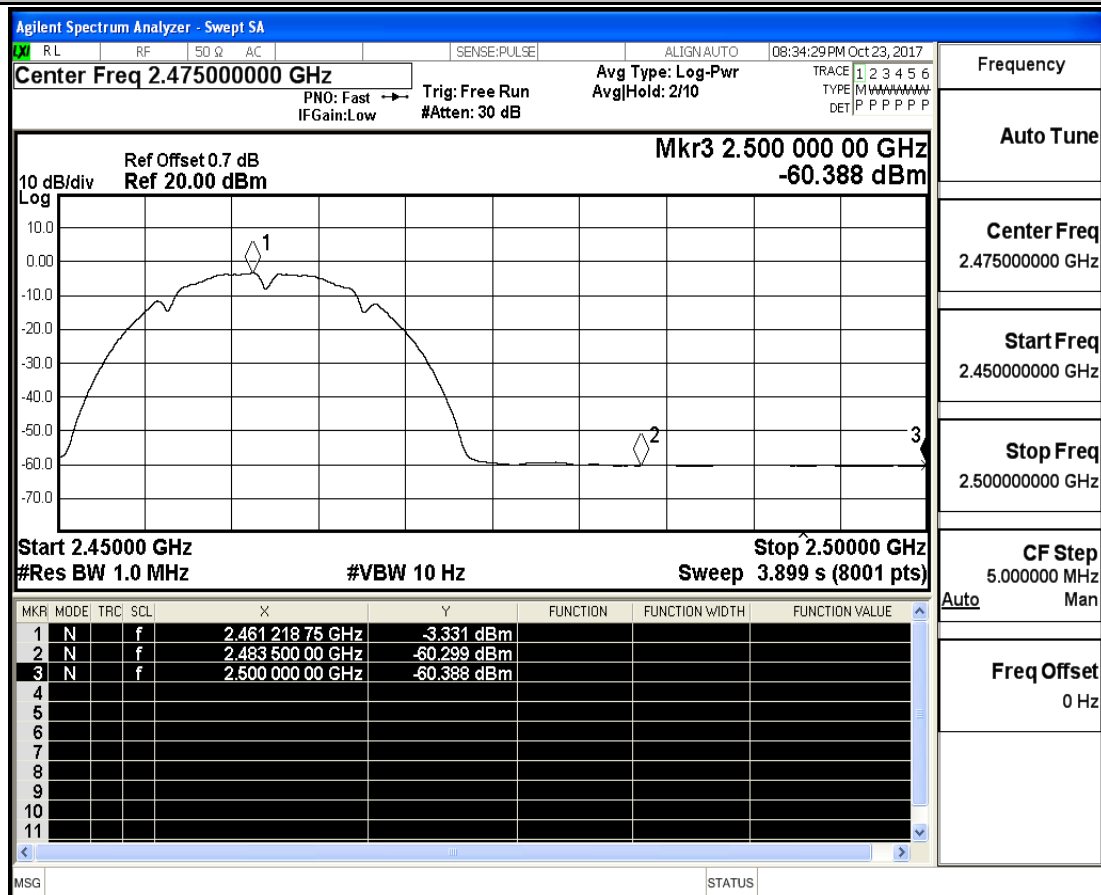
Restrict-band band-edge measurements_11B_2412_Ant1_AV



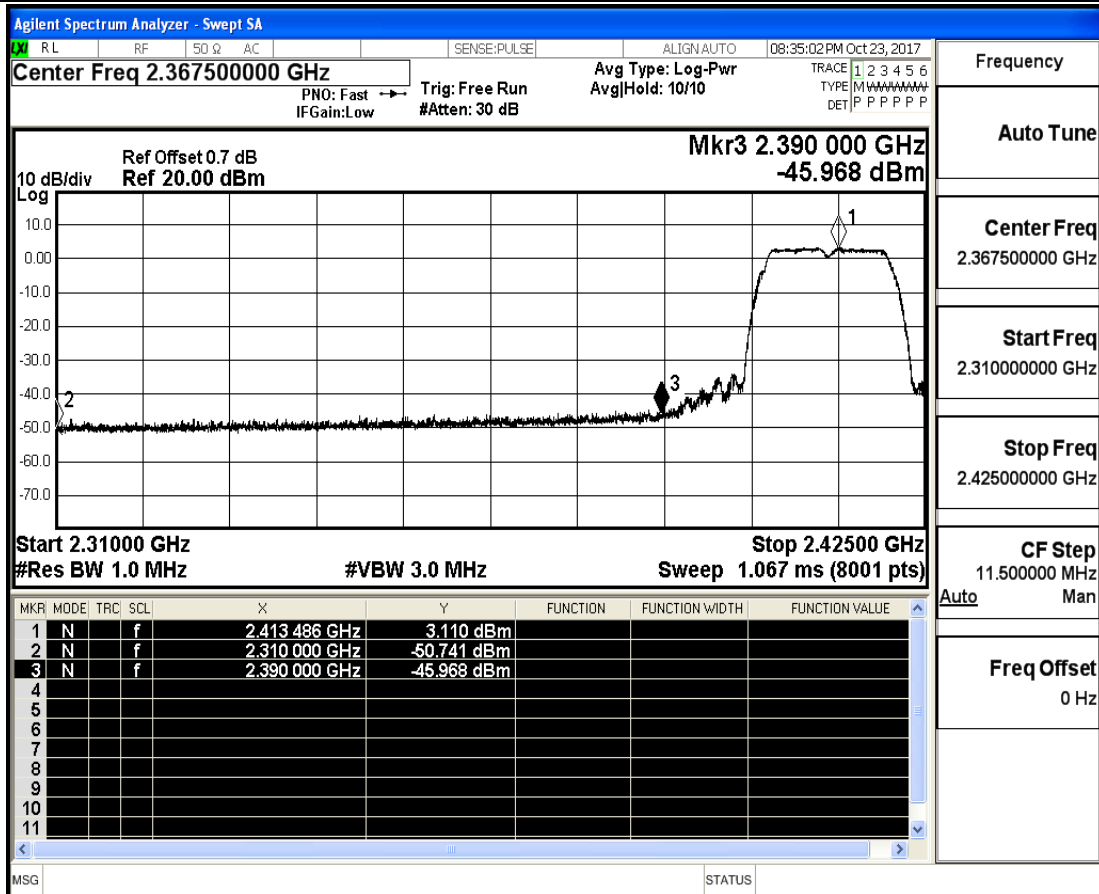
Restrict-band	band-edge	measurements	11B	2462	Ant1	PEAK
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Restrict-band band-edge measurements 11B 2462 Ant1 AV



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

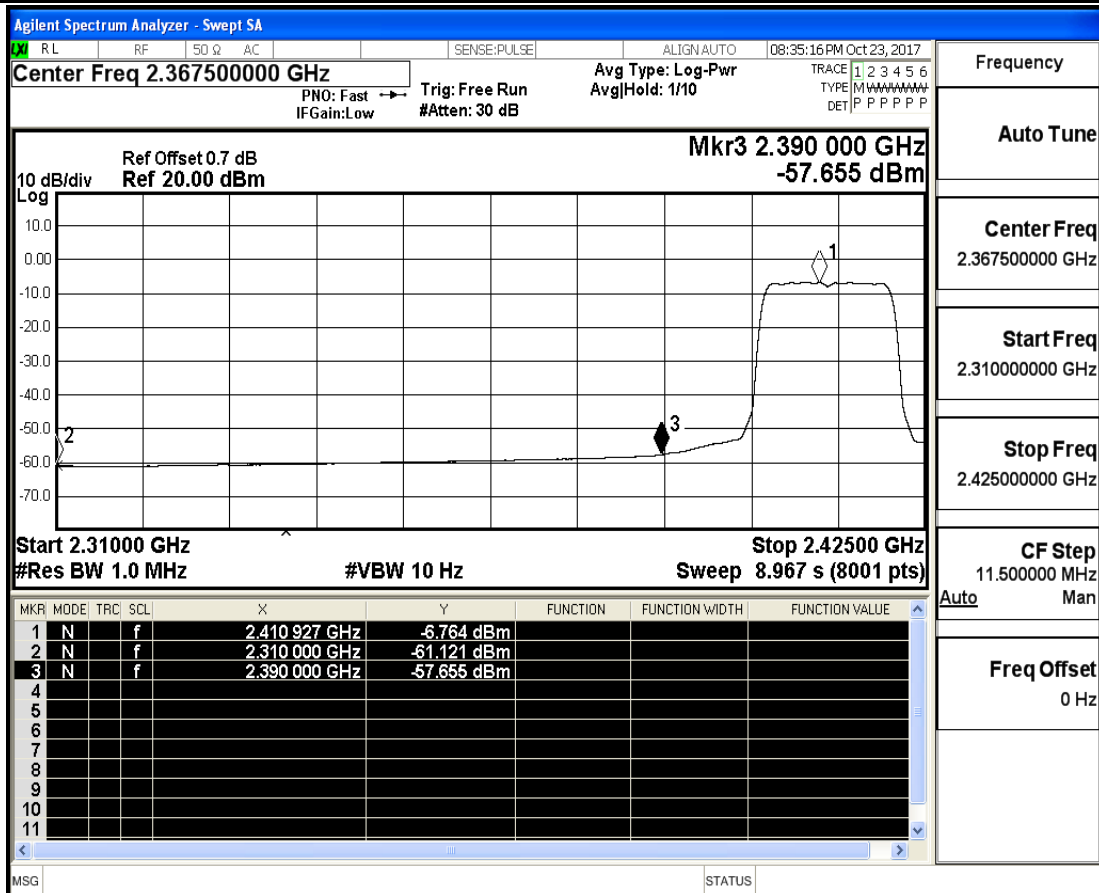
11.500000 MHz

Auto

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

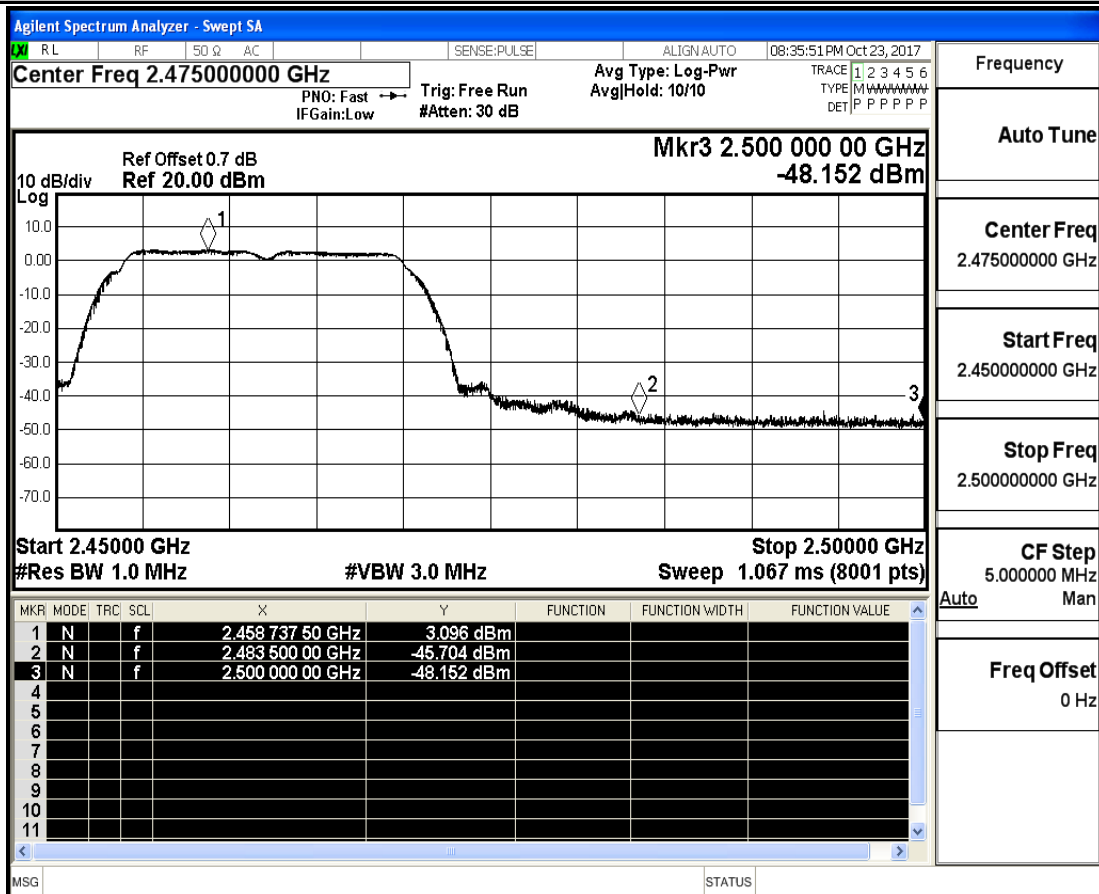
11.500000 MHz

Auto

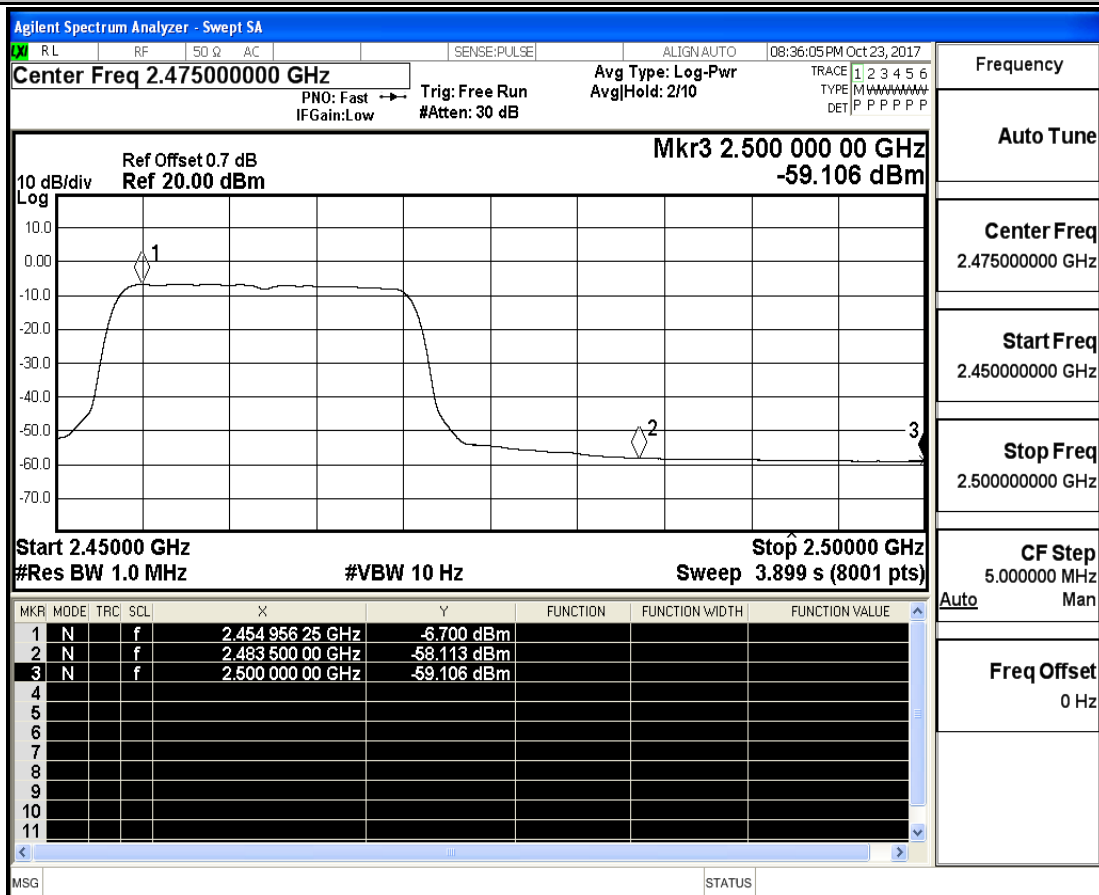
Freq Offset

0 Hz

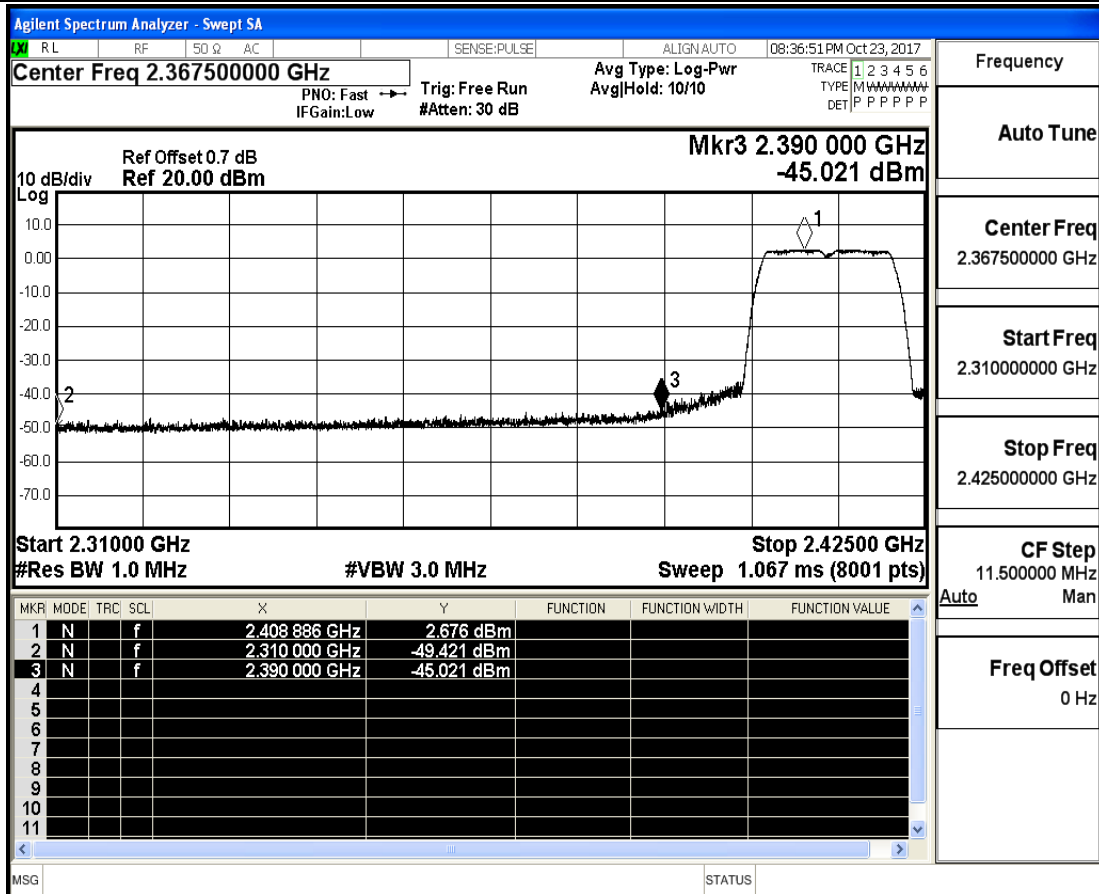
Restrict-band band-edge measurements	11G	2462	Ant1	PEAK
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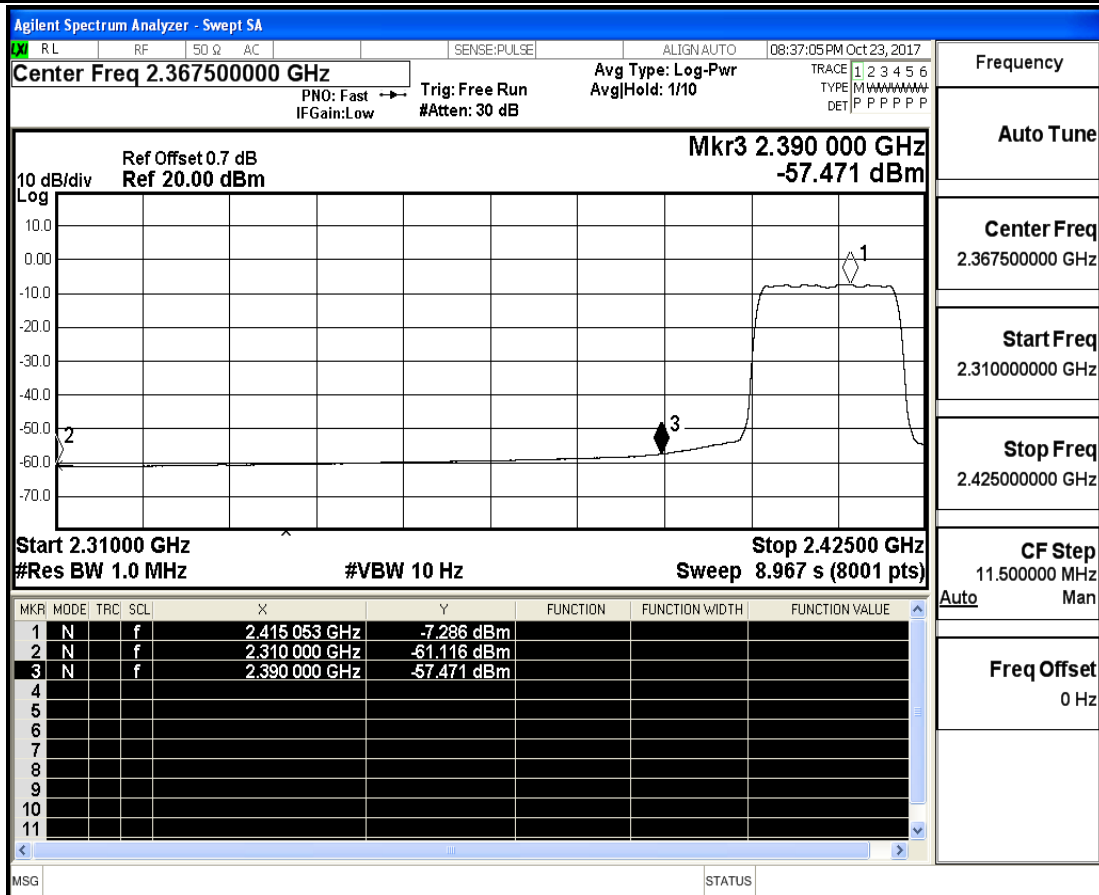
Restrict-band band-edge measurements 11G 2462 Ant1 AV



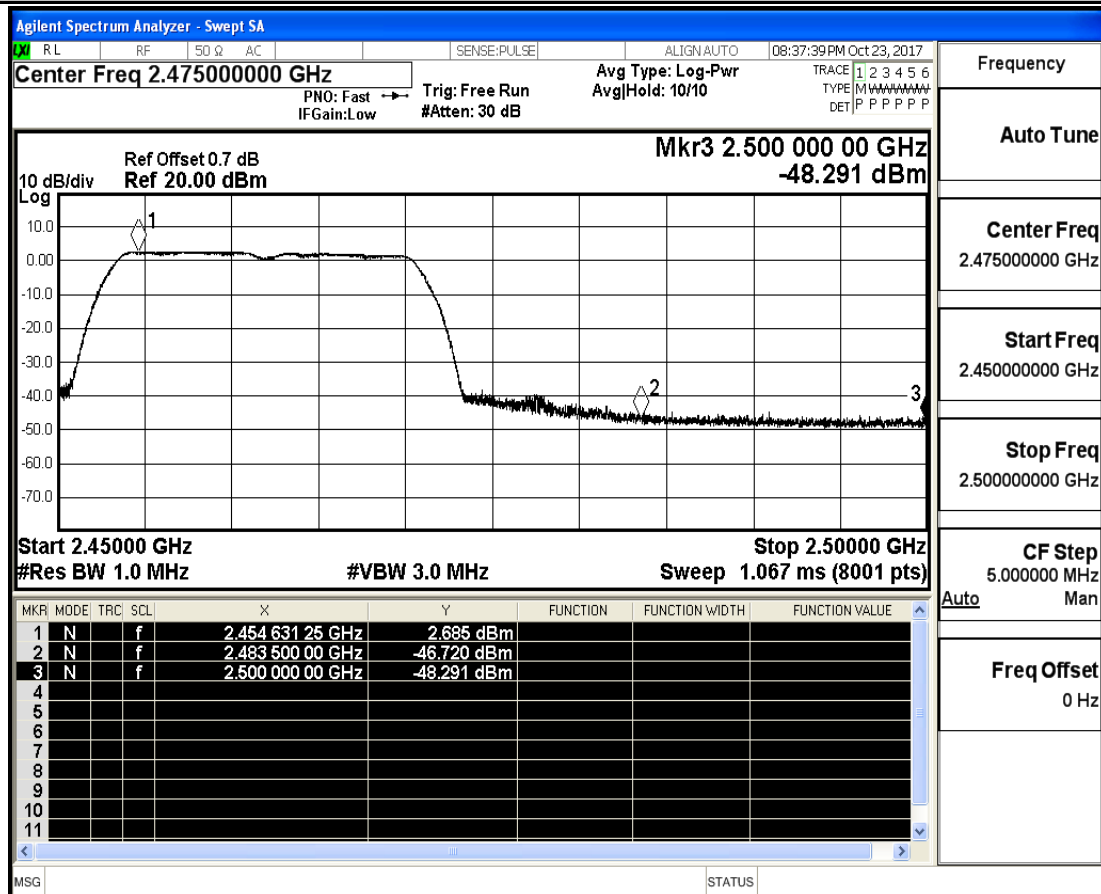
Restrict-band band-edge measurements_11N20SISO_2412_Ant1_PEAK



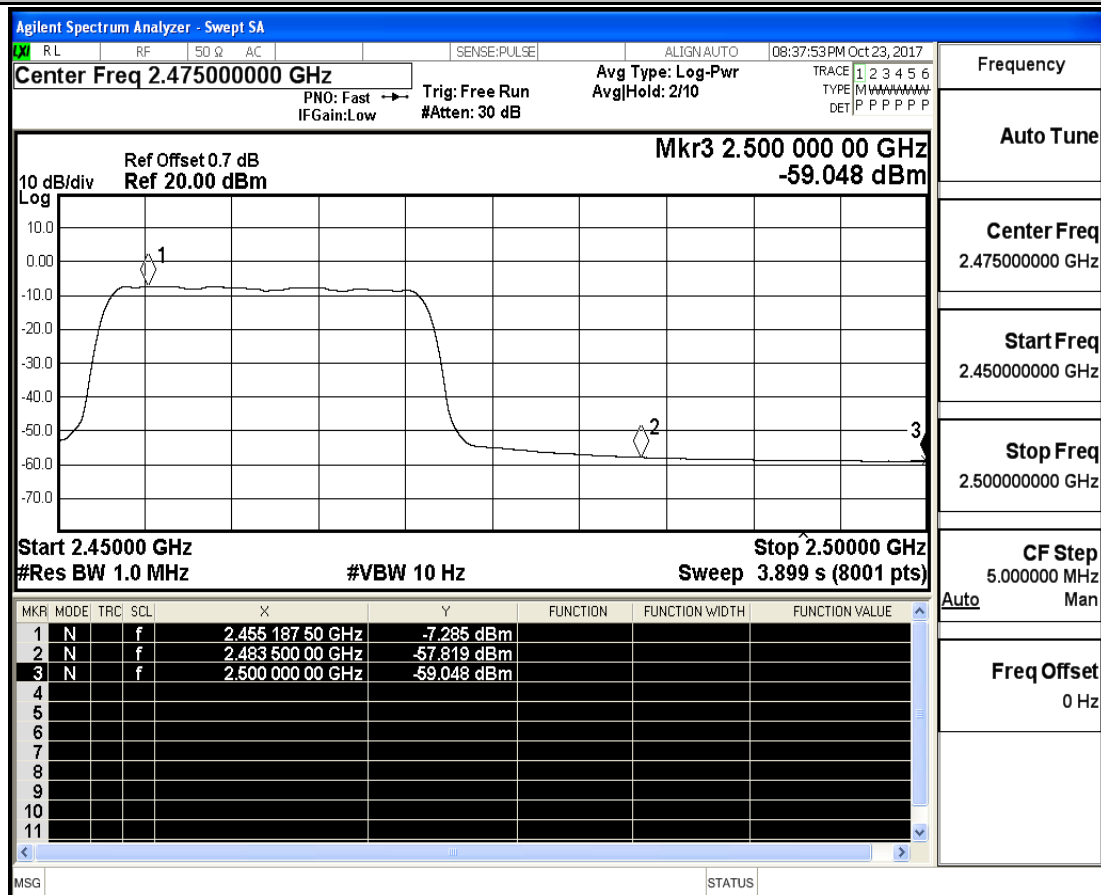
Restrict-band band-edge measurements_11N20SISO_2412_Ant1_AV



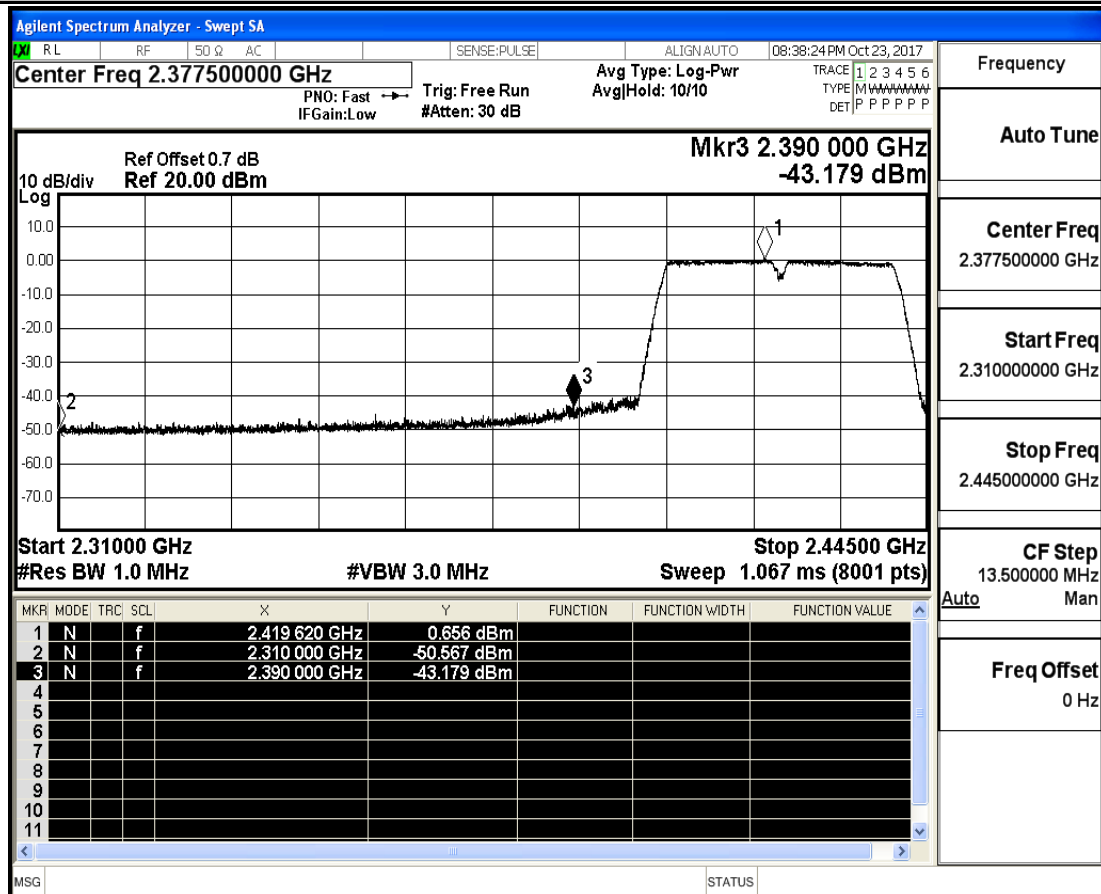
Restrict-band band-edge measurements	11N20SISO	2462	Ant1	PEAK
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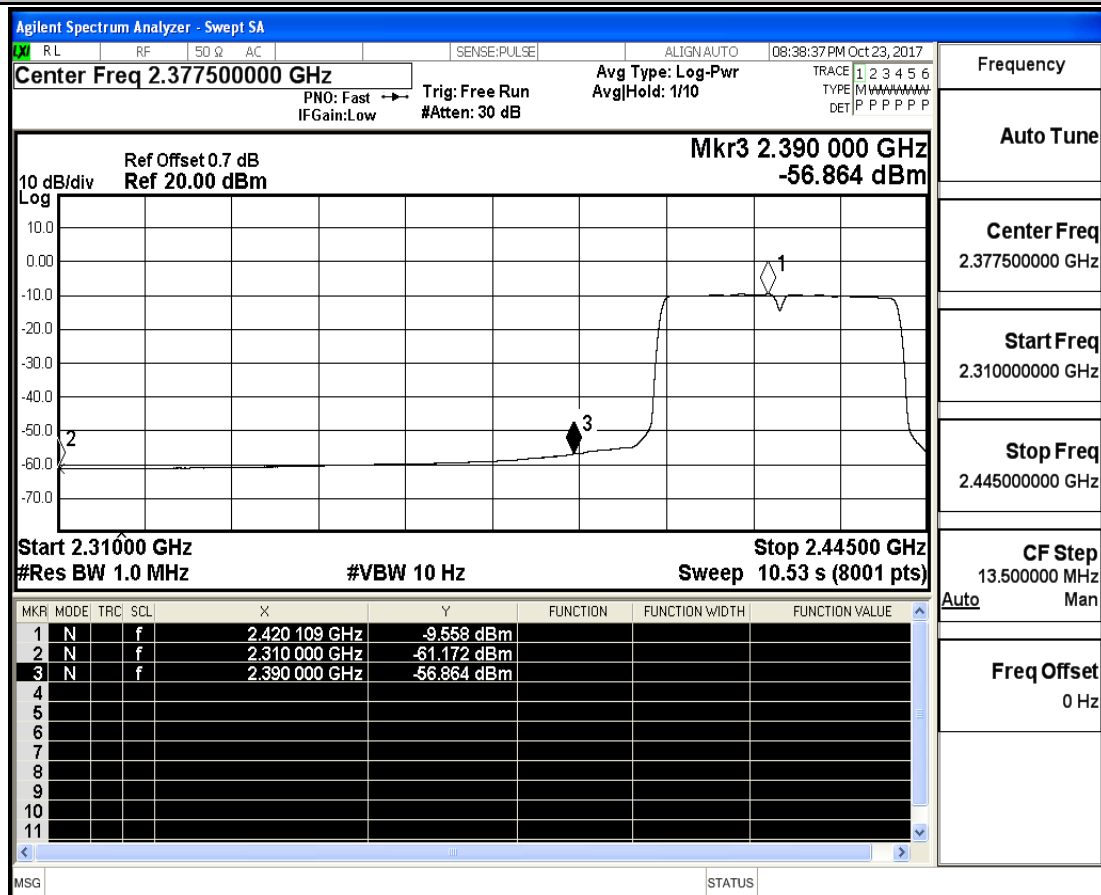
Restrict-band band-edge measurements 11N20SISO 2462 Ant1 AV



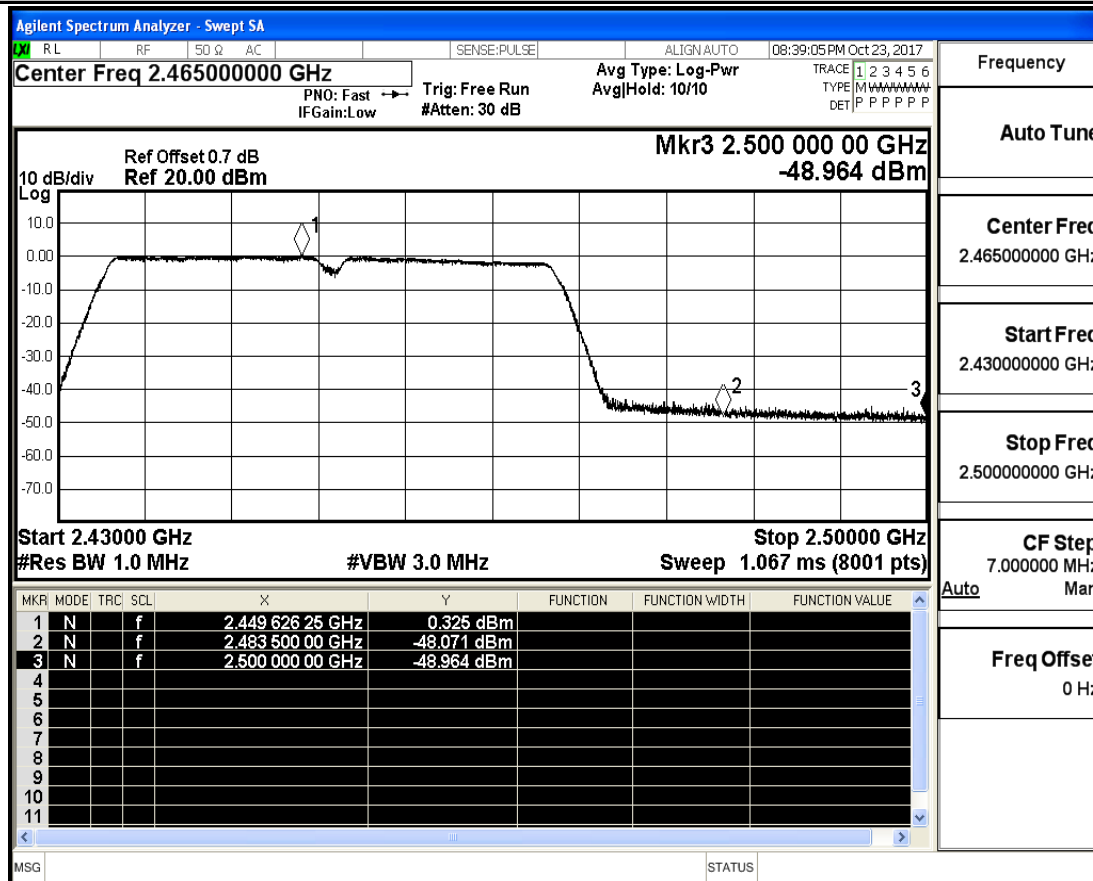
Restrict-band band-edge measurements	11N40SISO	2422	Ant1	PEAK
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Restrict-band band-edge measurements 11N40SISO 2422 Ant1 AV



Restrict-band band-edge measurements_11N40SISO_2452_Ant1_PEAK



Restrict-band band-edge measurements_11N40SISO_2452_Ant1_AV

