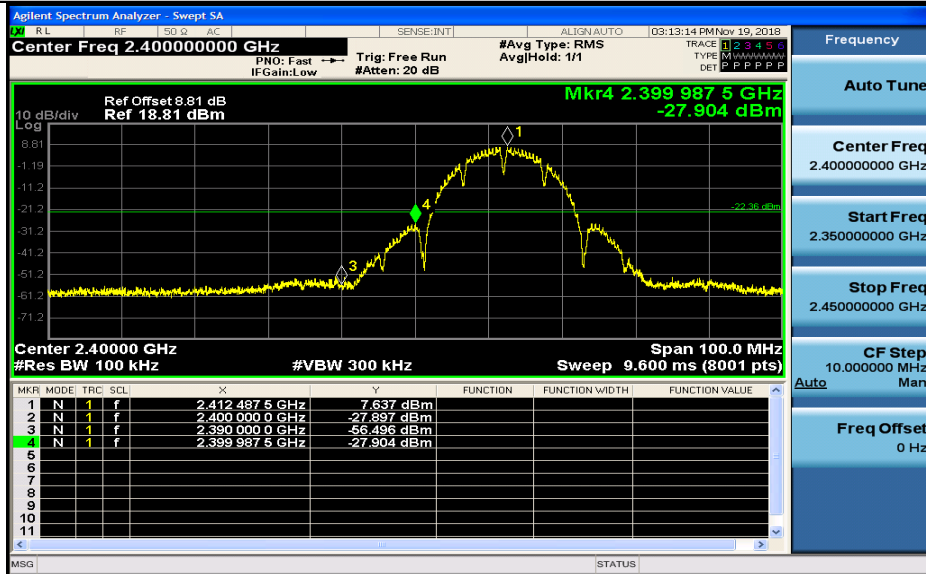


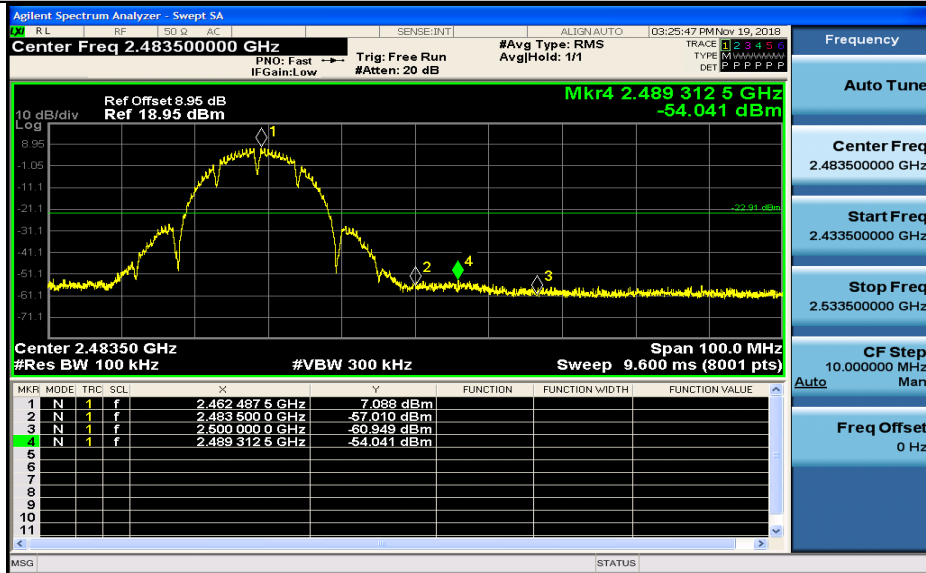
**5.Band-edge for RF Conducted Emissions**

Test Mode	Test Channel	Carrier Power[dBm]		Max. Spurious Level [dBm]		Limit [dBm]		Verdict
		Ant1	Ant2	Ant1	Ant2	Ant1	Ant2	
11B	2412	7.64	5.40	-27.90	-32.13	-22.36	-24.60	PASS
11B	2462	7.09	5.94	-54.04	-52.92	-22.91	-24.06	PASS
11G	2412	2.50	-0.22	-27.99	-34.21	-27.50	-30.22	PASS
11G	2462	2.22	0.40	-44.05	-46.84	-27.78	-29.60	PASS
11N20SISO	2412	0.63	-1.35	-32.59	-34.73	-29.37	-31.35	PASS
11N20SISO	2462	0.16	-0.87	-49.83	-49.46	-29.84	-30.87	PASS
11N40SISO	2422	-3.90	-4.13	-35.45	-35.93	-33.90	-34.13	PASS
11N40SISO	2452	-4.47	-4.35	-44.11	-39.72	-34.47	-34.35	PASS

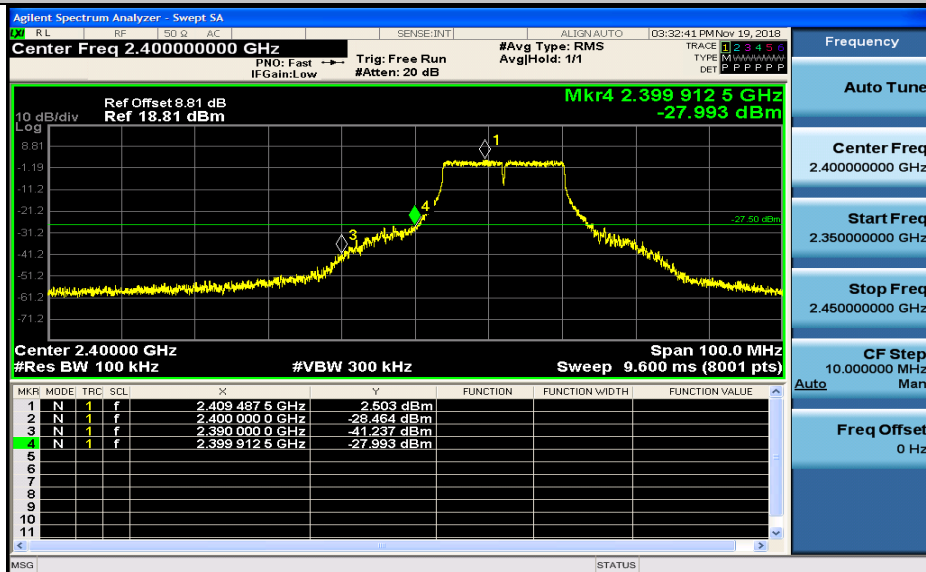
## Band-edge for RF Conducted Emissions\_11B\_2412\_Ant1



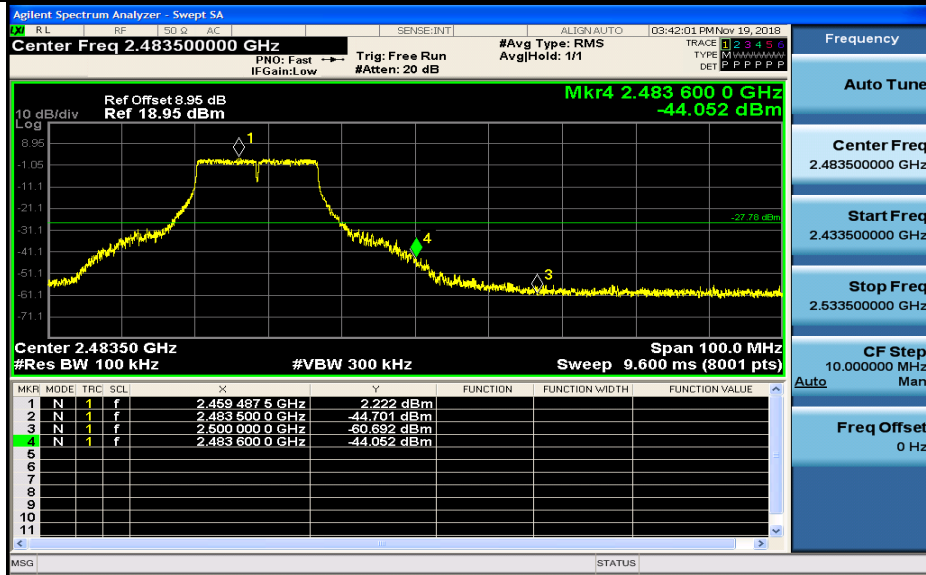
## Band-edge for RF Conducted Emissions\_11B\_2462\_Ant1



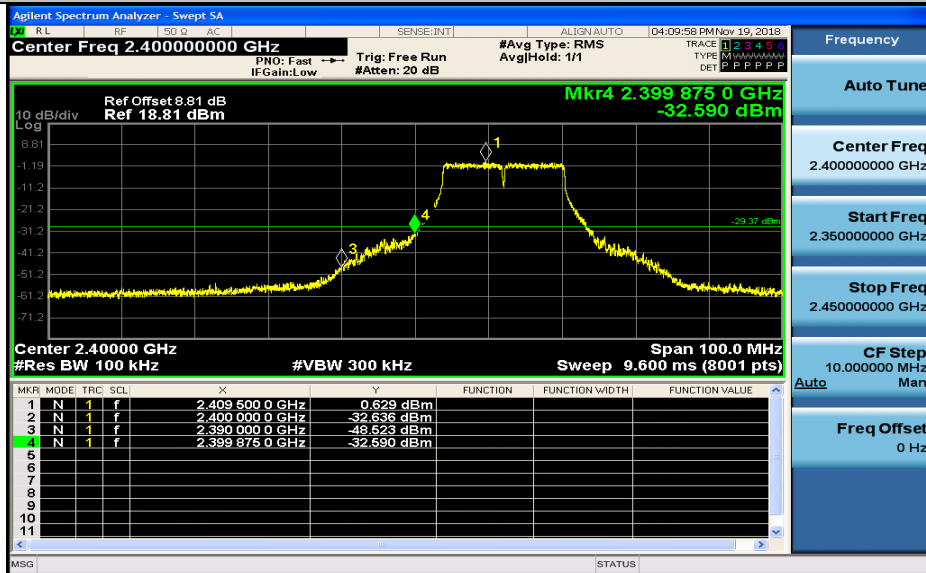
## Band-edge for RF Conducted Emissions\_11G\_2412\_Ant1



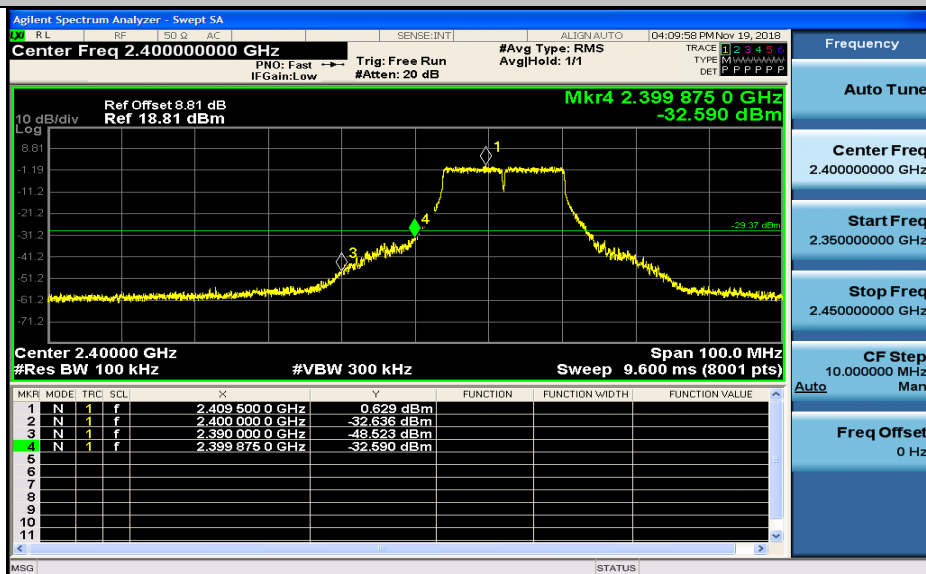
## Band-edge for RF Conducted Emissions\_11G\_2462\_Ant1



## Band-edge for RF Conducted Emissions\_11N20SISO\_2412\_Ant1



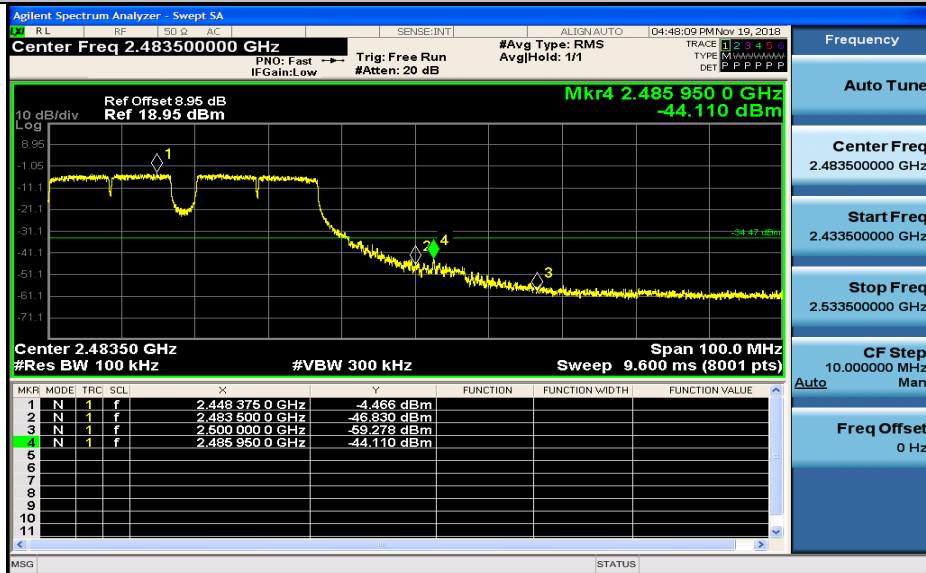
## Band-edge for RF Conducted Emissions\_11N20SISO\_2462\_Ant1



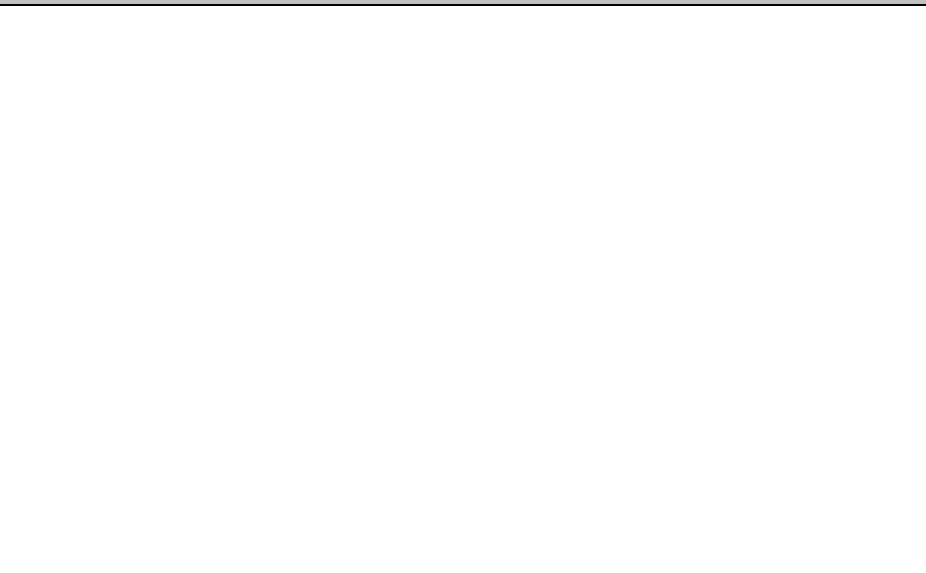
Band-edge for RF Conducted Emissions\_11N40SISO\_2422\_Ant1

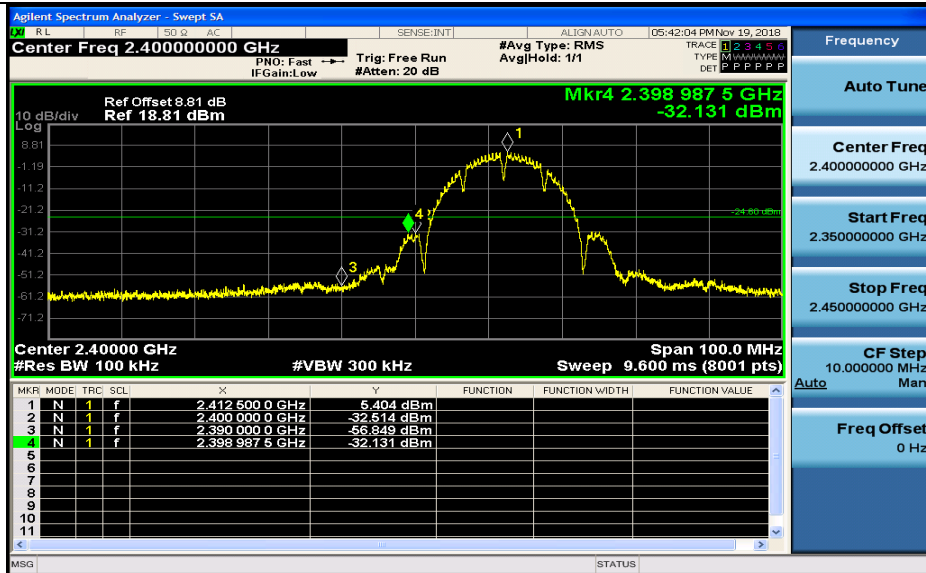


Band-edge for RF Conducted Emissions\_11N40SISO\_2452\_Ant1

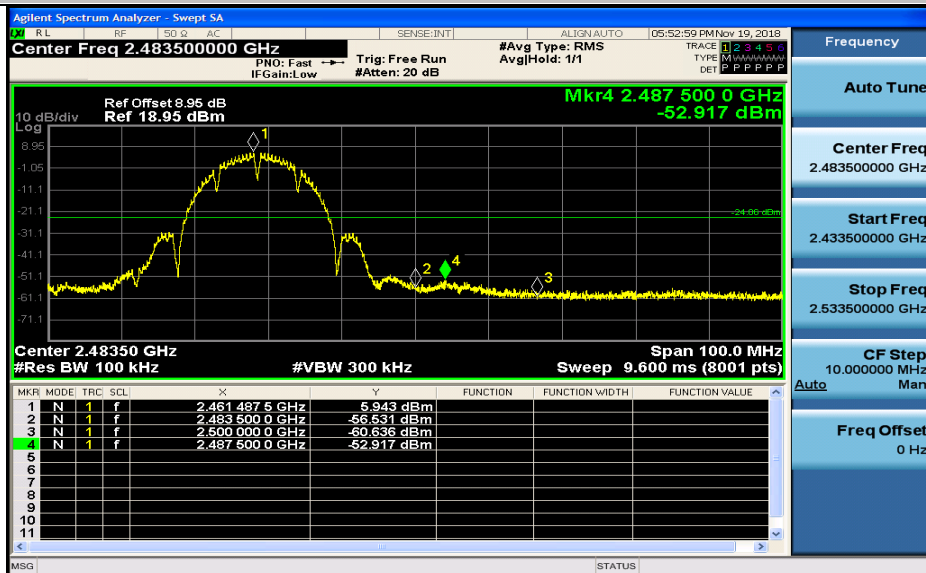


Band-edge for RF Conducted Emissions\_11B\_2412\_Ant2

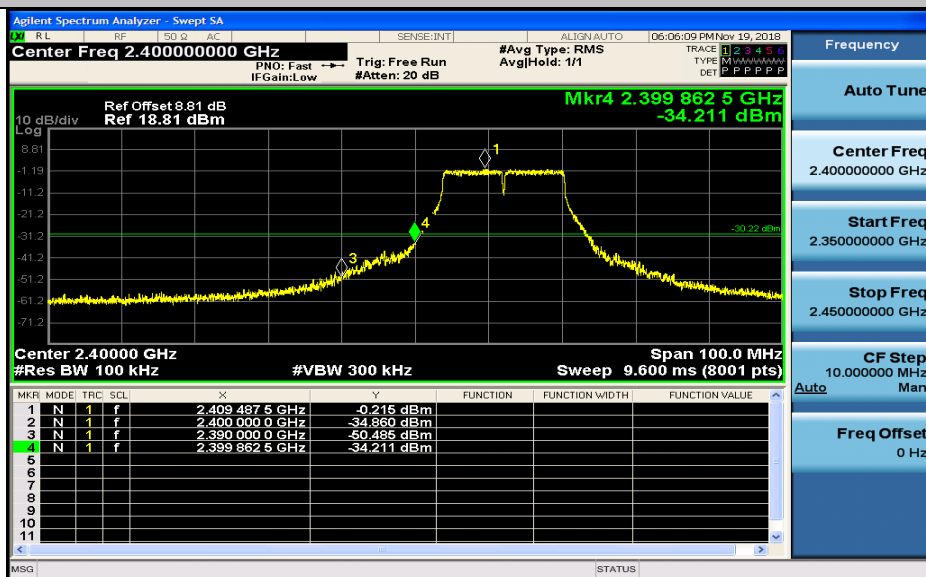




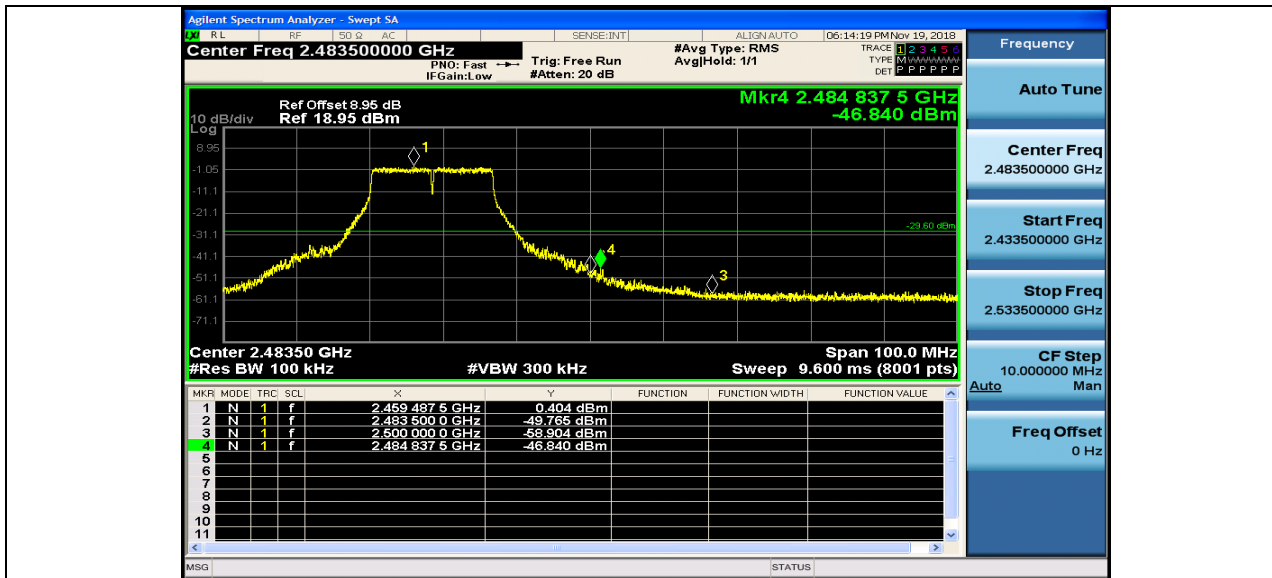
Band-edge for RF Conducted Emissions\_11B\_2462\_Ant2



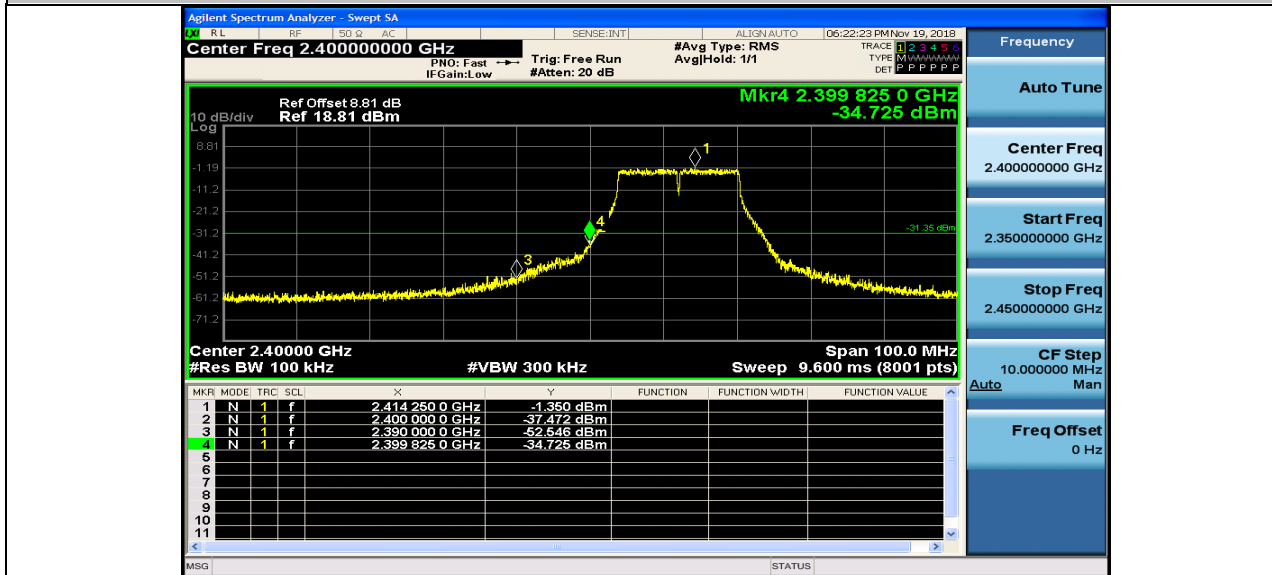
Band-edge for RF Conducted Emissions\_11G\_2412\_Ant2



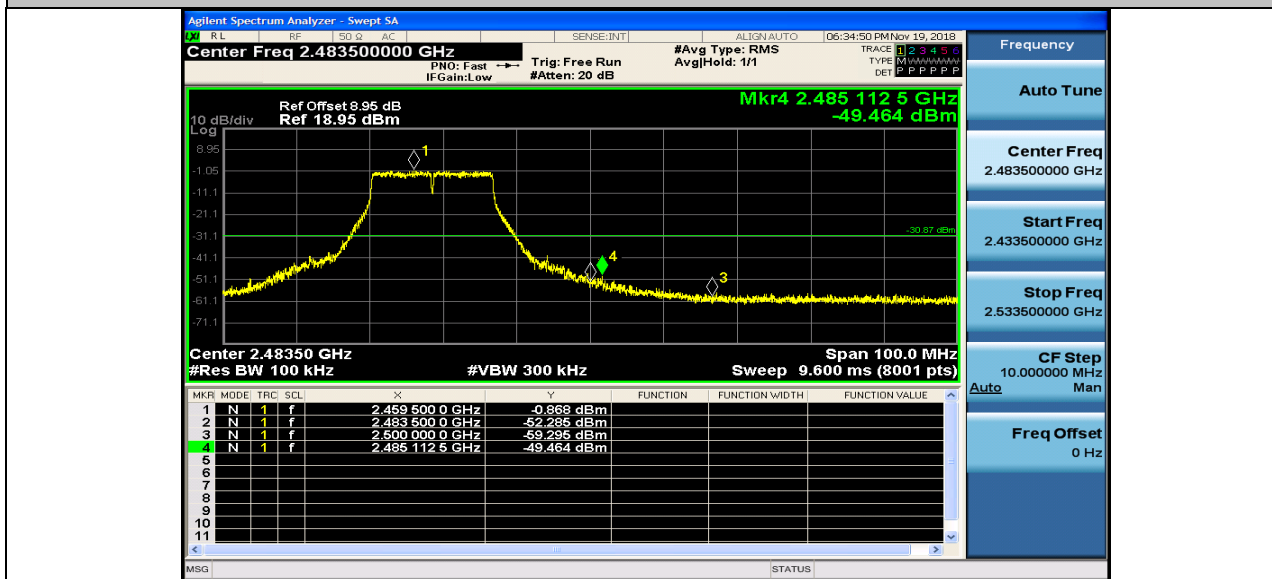
Band-edge for RF Conducted Emissions\_11G\_2462\_Ant2



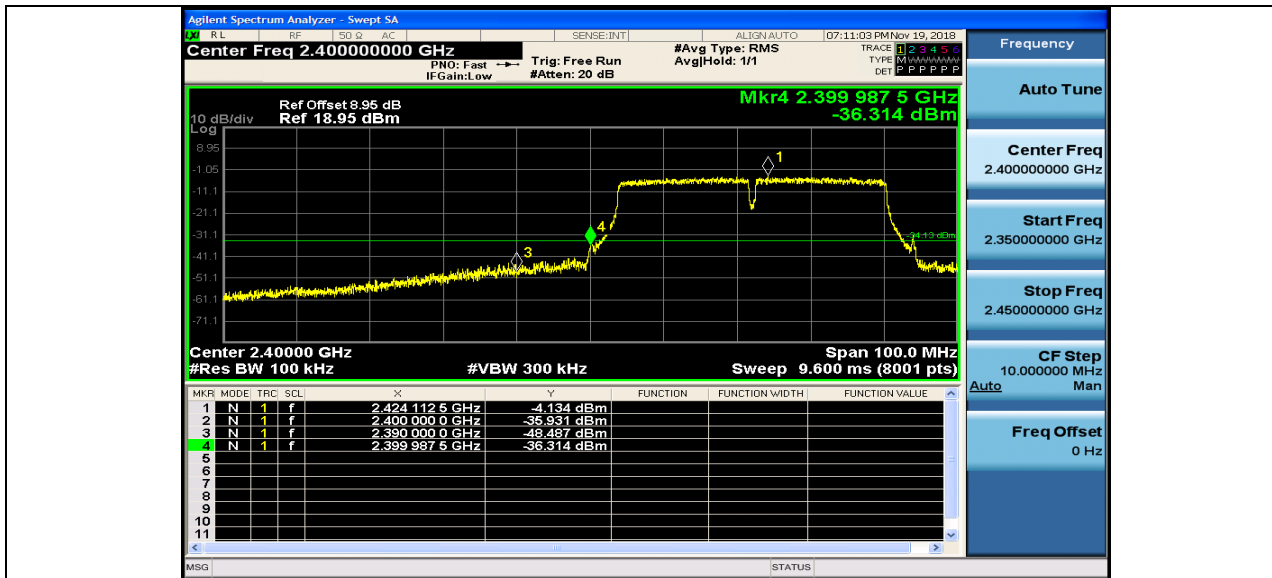
Band-edge for RF Conducted Emissions\_11N20SISO\_2412\_Ant2



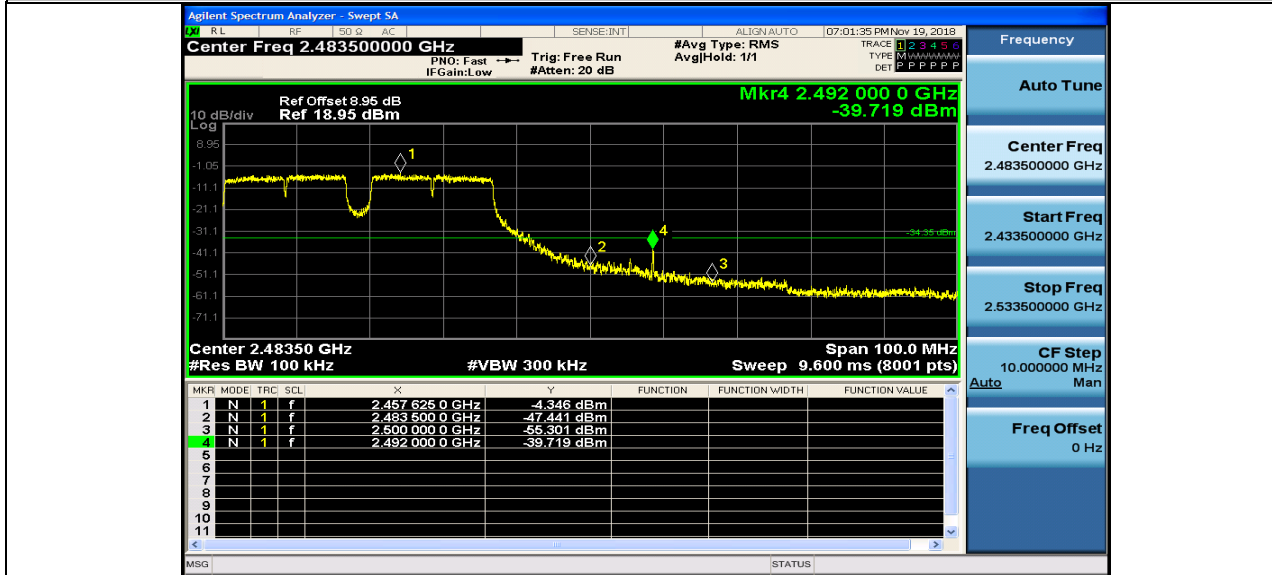
Band-edge for RF Conducted Emissions\_11N20SISO\_2462\_Ant2



Band-edge for RF Conducted Emissions\_11N40SISO\_2422\_Ant2



Band-edge for RF Conducted Emissions\_11N40SISO\_2452\_Ant2





**6.RF Conducted Spurious Emissions**

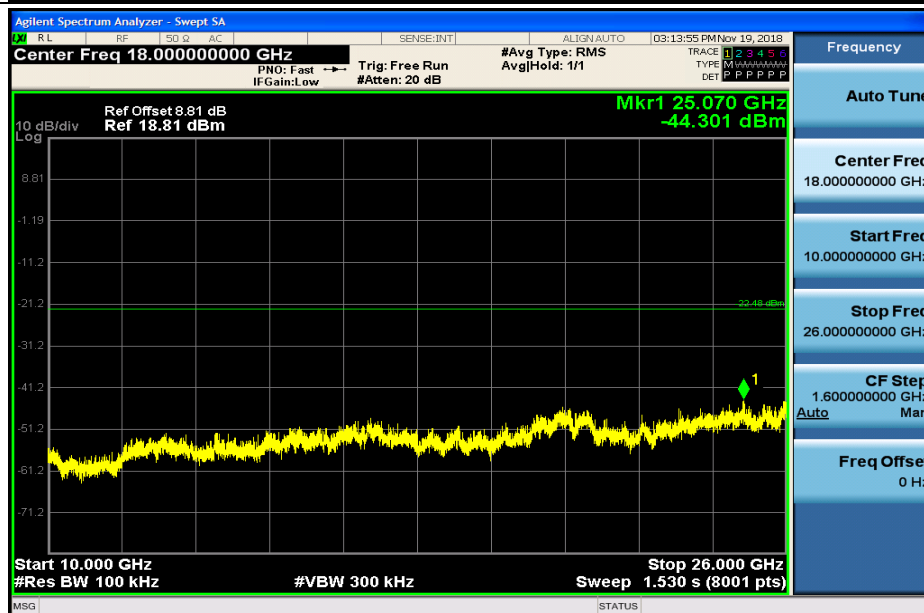
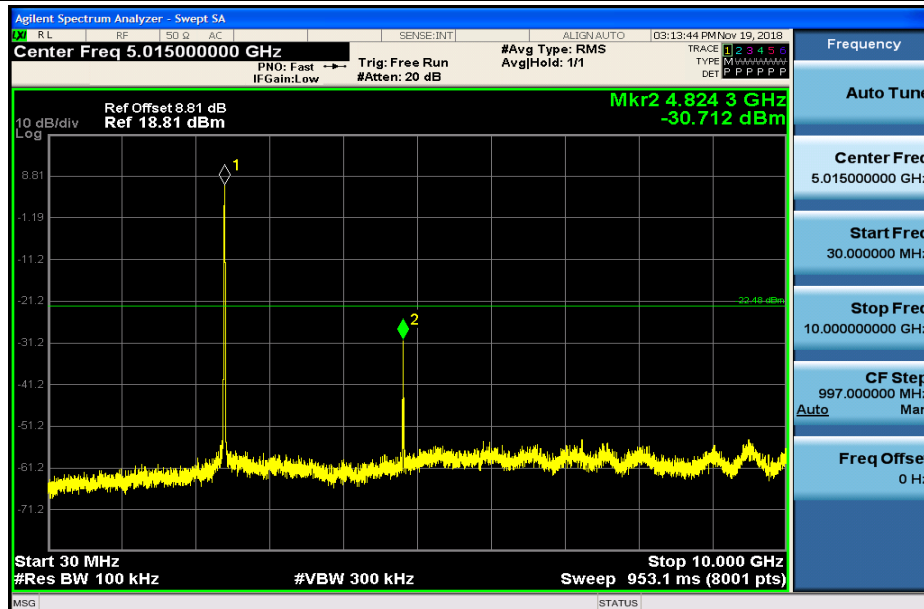
Test Mode	Test Channel	StartFre [MHz]	StopFre [MHz]	RBW [kHz]	VBW [kHz]	Pref[dBm]		Max. Level [dBm]		Limit [dBm]		Verdict
						Ant1	Ant2	Ant1	Ant2	Ant1	Ant2	
11B	2412	30	10000	100	300	7.52	5.29	-30.71	-51.39	<- 22.48	<- 24.71	PASS
11B	2412	10000	26000	100	300	7.518	5.294	-44.301	-44.327	<- 22.482	<- 24.706	PASS
11B	2437	30	10000	100	300	7.45	5.74	-34.47	-53.09	<- 22.55	<- 24.26	PASS
11B	2437	10000	26000	100	300	7.448	5.737	-44.437	-44.471	<- 22.552	<- 24.263	PASS
11B	2462	30	10000	100	300	7.04	5.86	-38.03	-51.79	<- 22.96	<- 24.14	PASS
11B	2462	10000	26000	100	300	7.042	5.863	-44.513	-43.817	<- 22.958	<- 24.137	PASS
11G	2412	30	10000	100	300	2.35	-0.26	-36.28	-53.09	<- 27.65	<- 30.26	PASS
11G	2412	10000	26000	100	300	2.352	-0.256	-45.078	-44.567	<- 27.648	<- 30.256	PASS
11G	2437	30	10000	100	300	2.47	0.06	-45.73	-54.20	<- 27.53	<- 29.94	PASS
11G	2437	10000	26000	100	300	2.47	0.056	-44.898	-44.733	<- 27.53	<- 29.944	PASS
11G	2462	30	10000	100	300	2.06	5.29	-47.57	-53.45	<- 27.94	<- 29.83	PASS
11G	2462	10000	26000	100	300	2.062	5.294	-44.785	-44.557	<- 27.938	<- 29.833	PASS
11N20SISO	2412	30	10000	100	300	0.63	5.74	-43.84	-53.75	<- 29.37	<- 31.27	PASS
11N20SISO	2412	10000	26000	100	300	0.634	5.737	-44.548	-44.702	<- 29.366	<- 31.271	PASS
11N20SISO	2437	30	10000	100	300	0.43	5.86	-46.94	-54.19	<- 29.57	<- 30.92	PASS
11N20SISO	2437	10000	26000	100	300	0.433	5.863	-44.410	-44.077	<- 29.567	<- 30.921	PASS
11N20SISO	2462	30	10000	100	300	0.33	-0.26	-47.09	-53.63	<- 29.68	<- 30.81	PASS
11N20SISO	2462	10000	26000	100	300	0.325	-0.256	-44.362	-43.874	<- 29.675	<- 30.812	PASS
11N40SISO	2422	30	10000	100	300	-4.19	0.06	-42.88	-54.30	<- 34.19	<- 34.77	PASS
11N40SISO	2422	10000	26000	100	300	-4.185	0.056	-44.586	-44.684	<- 34.185	<- 34.772	PASS
11N40SISO	2437	30	10000	100	300	-4.33	0.17	-45.76	-53.75	<- 34.33	<- 34.60	PASS
11N40SISO	2437	10000	26000	100	300	-4.327	0.167	-44.066	-44.185	<- 34.327	<- 34.603	PASS



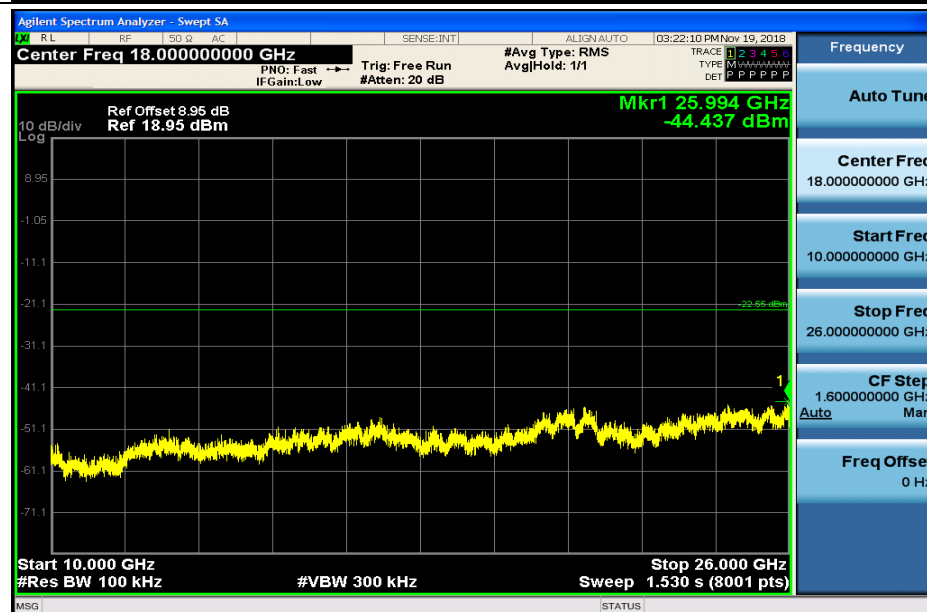
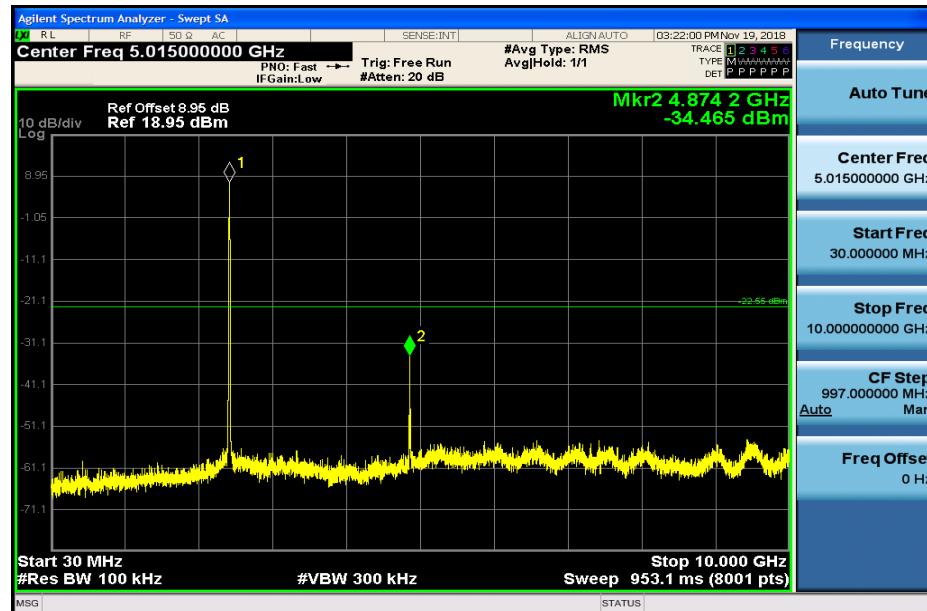


11N40SISO	2452	30	10000	100	300	-4.50	-1.27	-48.54	-54.42	<- 34.50	<- 34.58	PASS
11N40SISO	2452	10000	26000	100	300	-4.497	-4.584	-44.968	-44.247	<- 34.497	<- 34.584	PASS

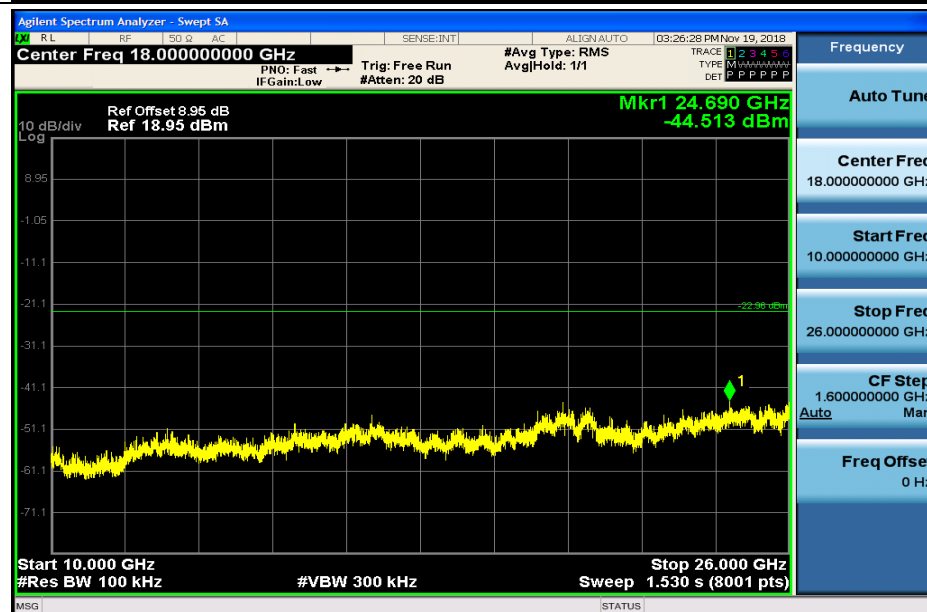
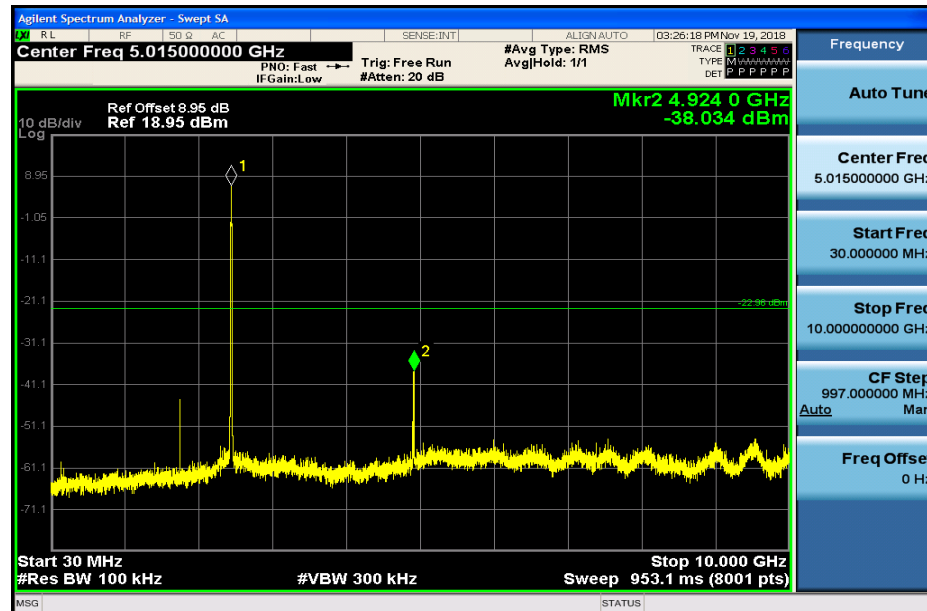
## RF Conducted Spurious Emissions\_11B\_2412\_Ant1



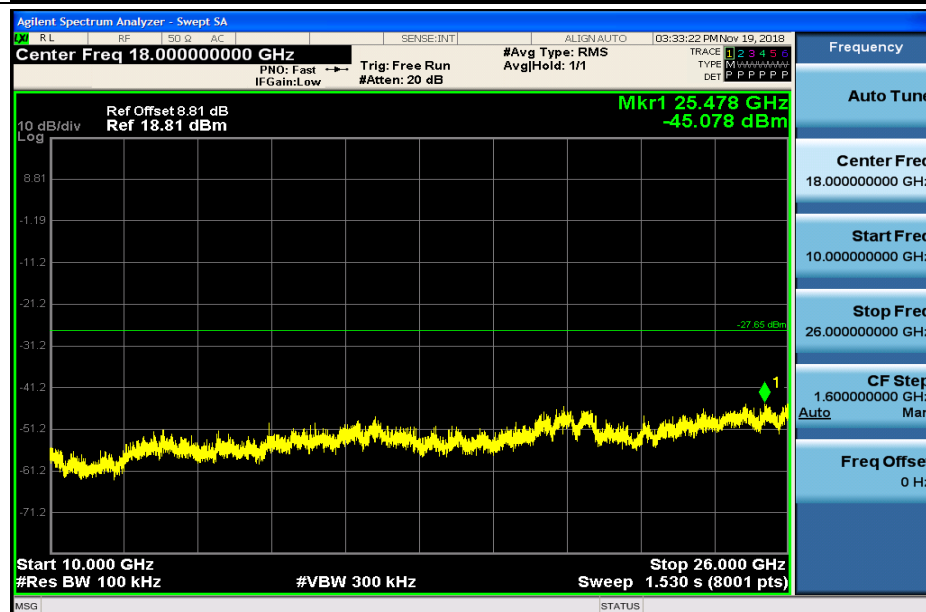
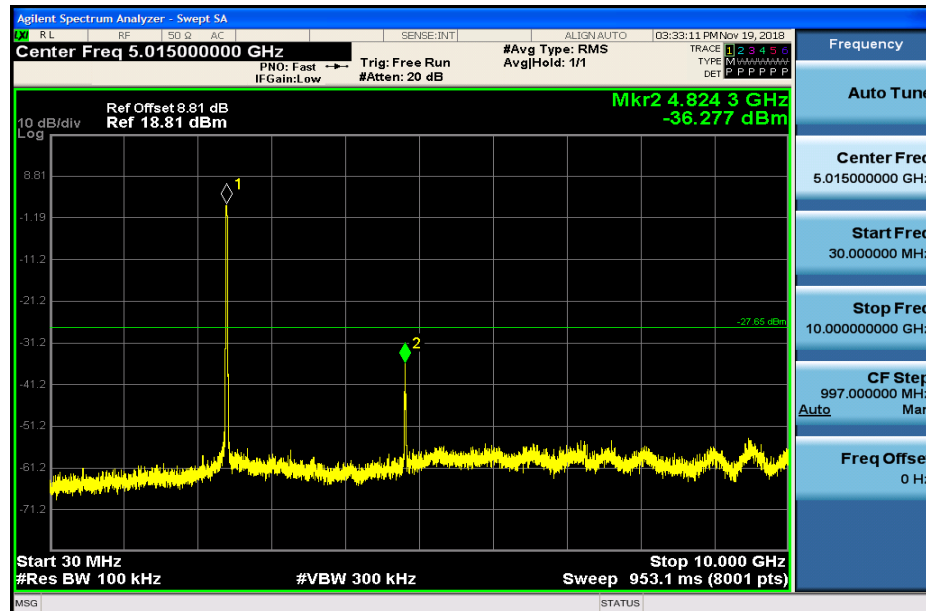
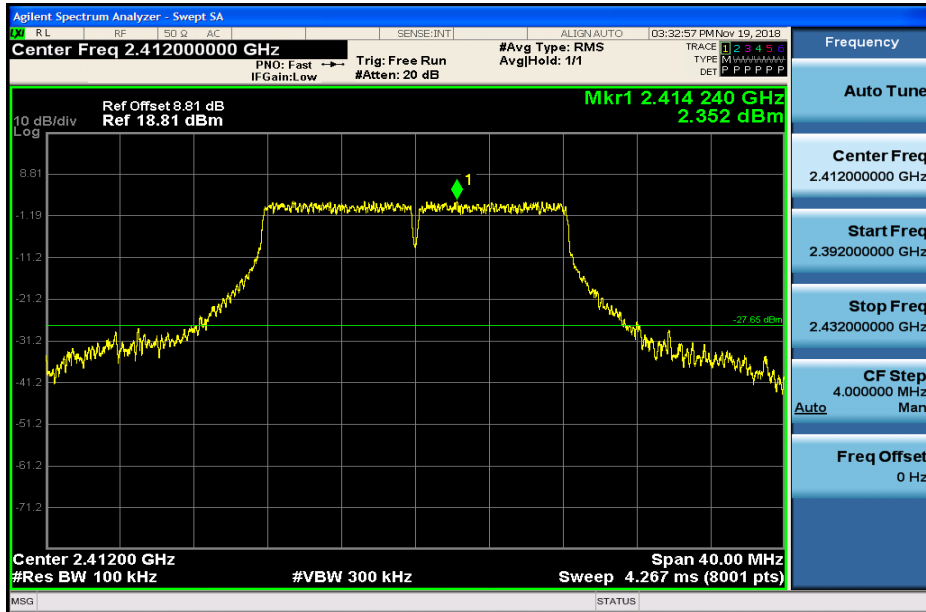
## RF Conducted Spurious Emissions\_11B\_2437\_Ant1



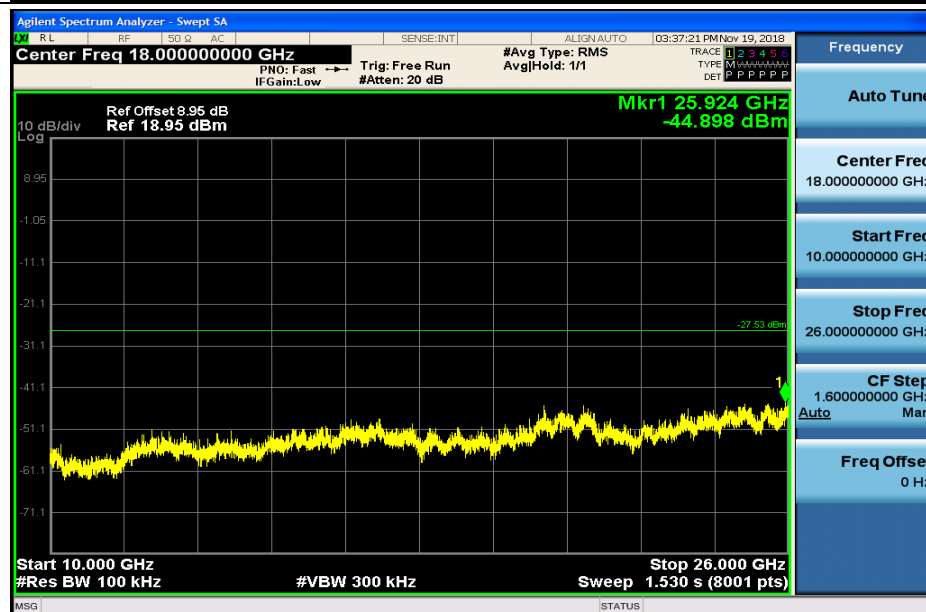
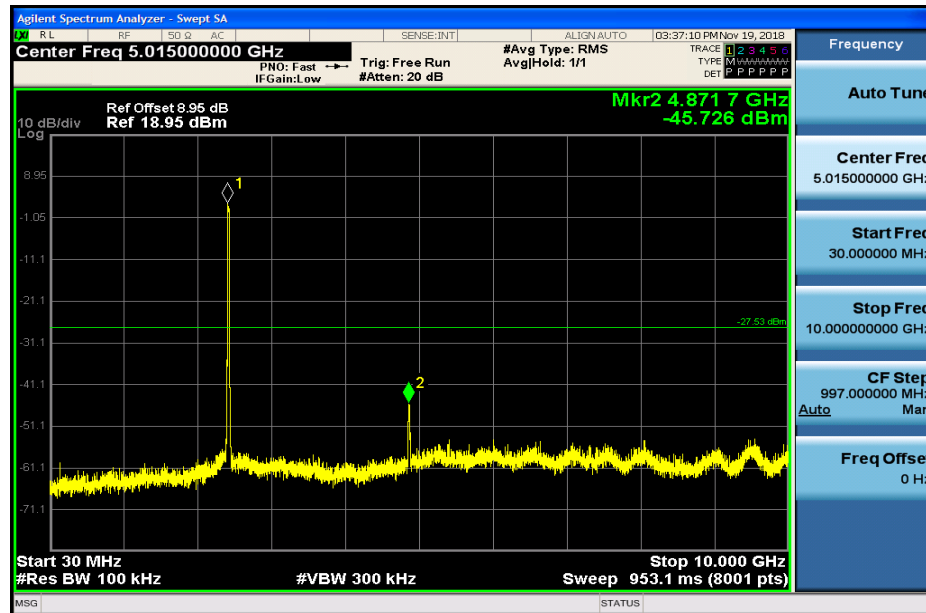
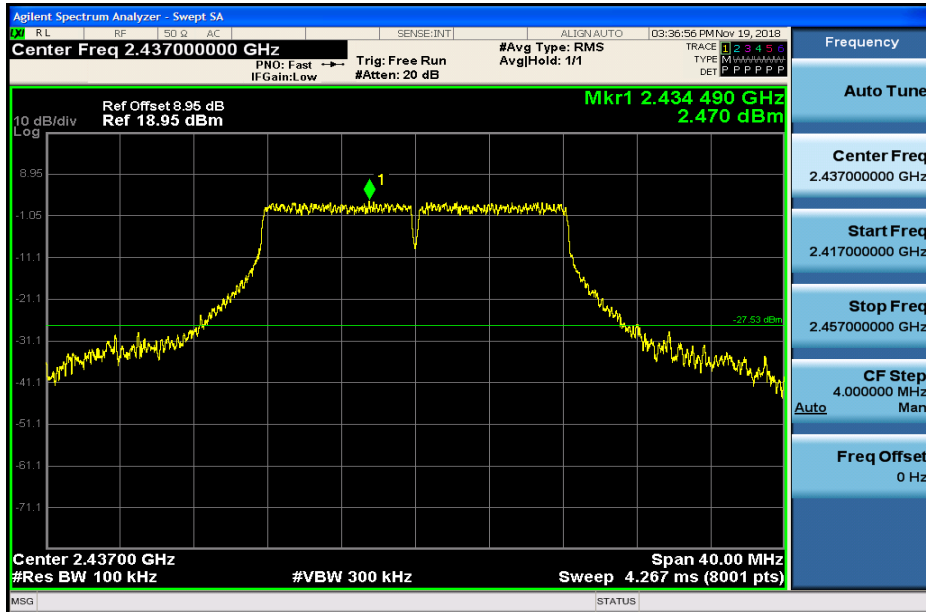
## RF Conducted Spurious Emissions\_11B\_2462\_Ant1



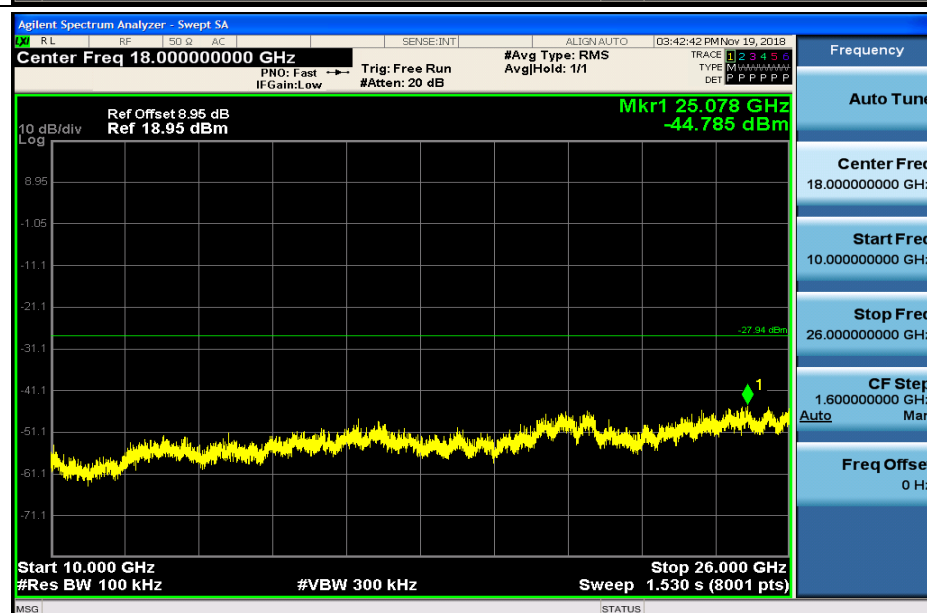
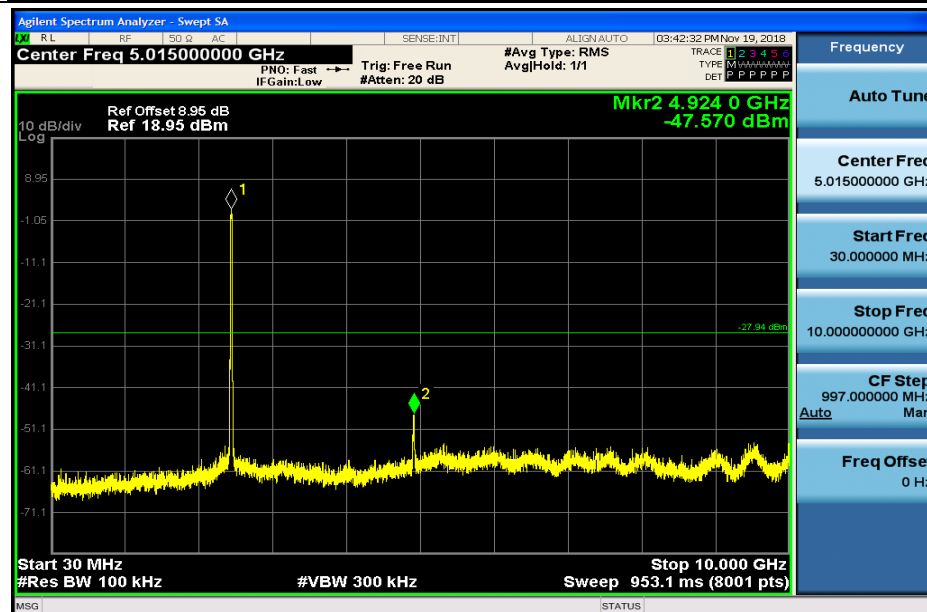
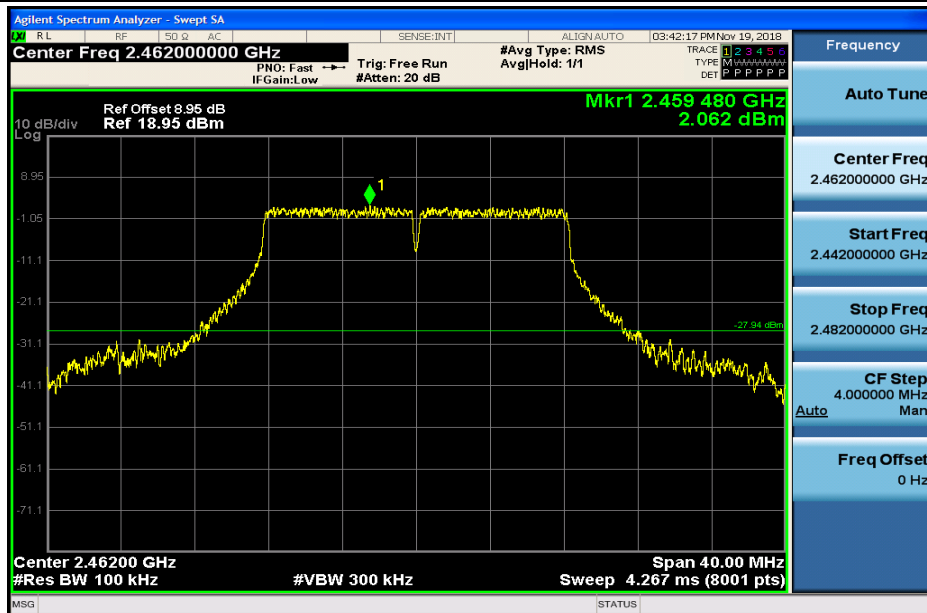
RF Conducted Spurious Emissions\_11G\_2412\_Ant1



RF Conducted Spurious Emissions\_11G\_2437\_Ant1

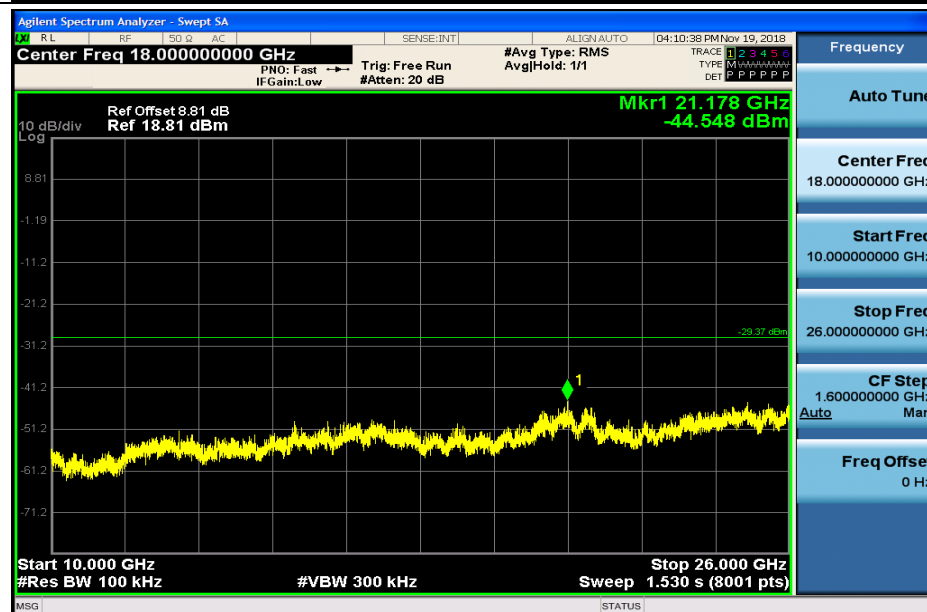
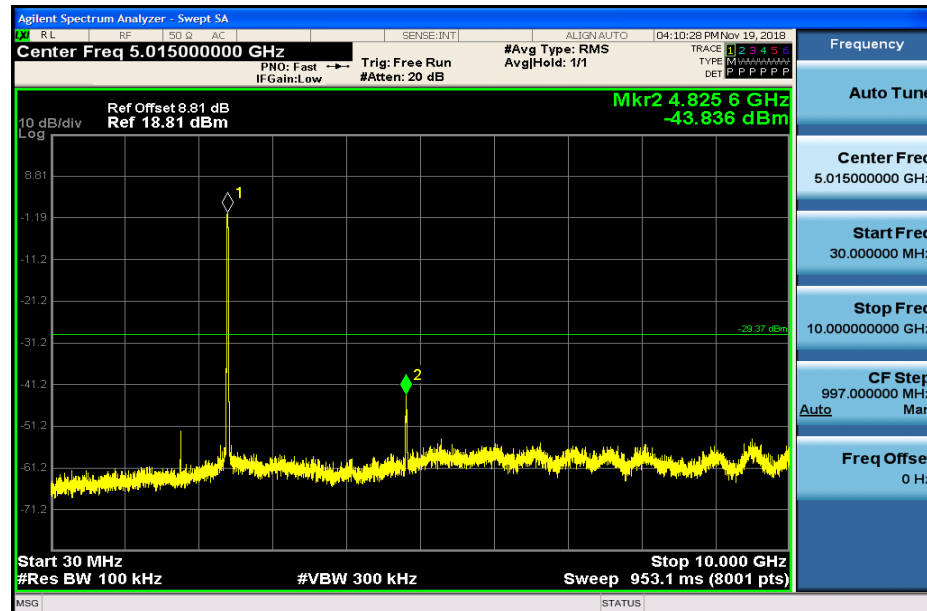
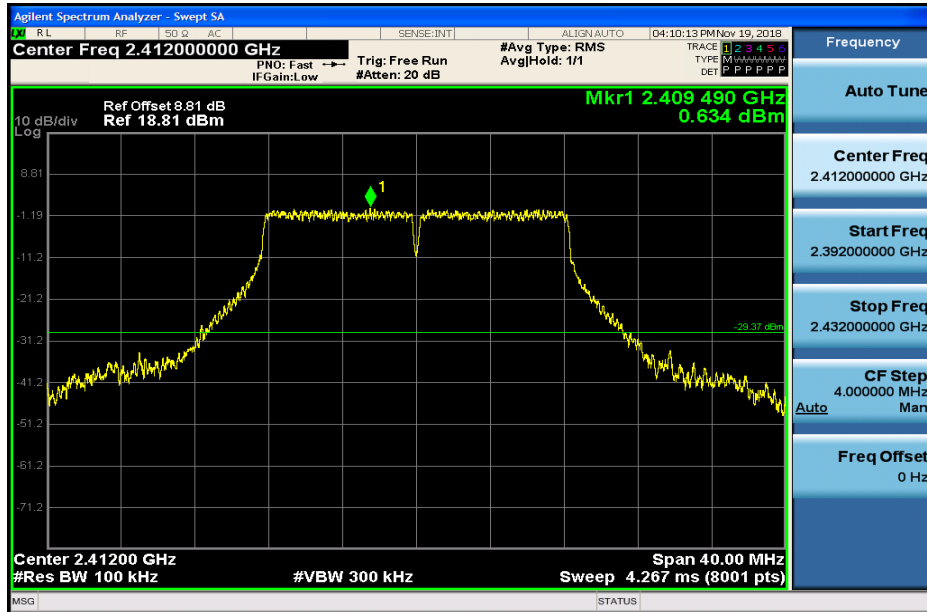


## RF Conducted Spurious Emissions\_11G\_2462\_Ant1

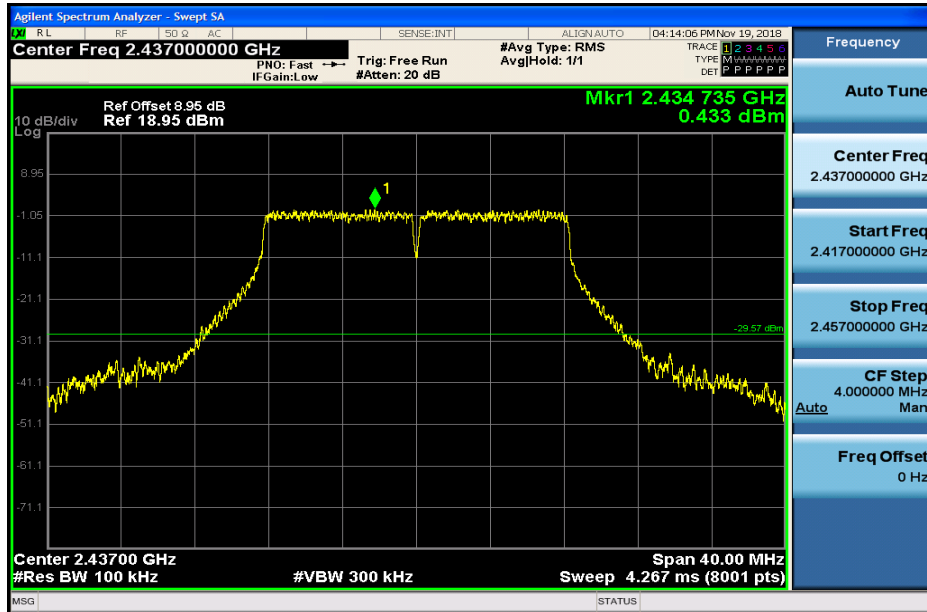




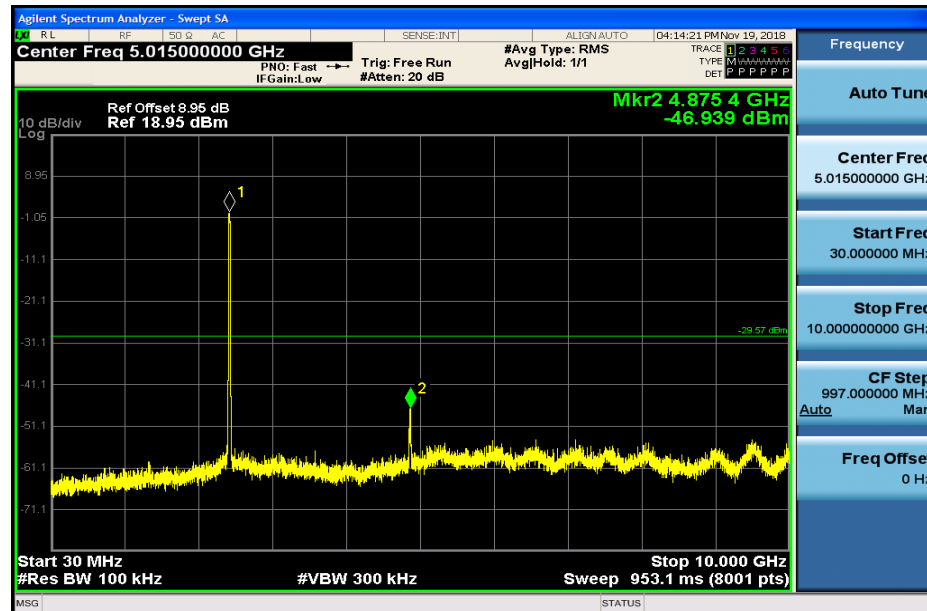
## RF Conducted Spurious Emissions\_11N20SISO\_2412\_Ant1



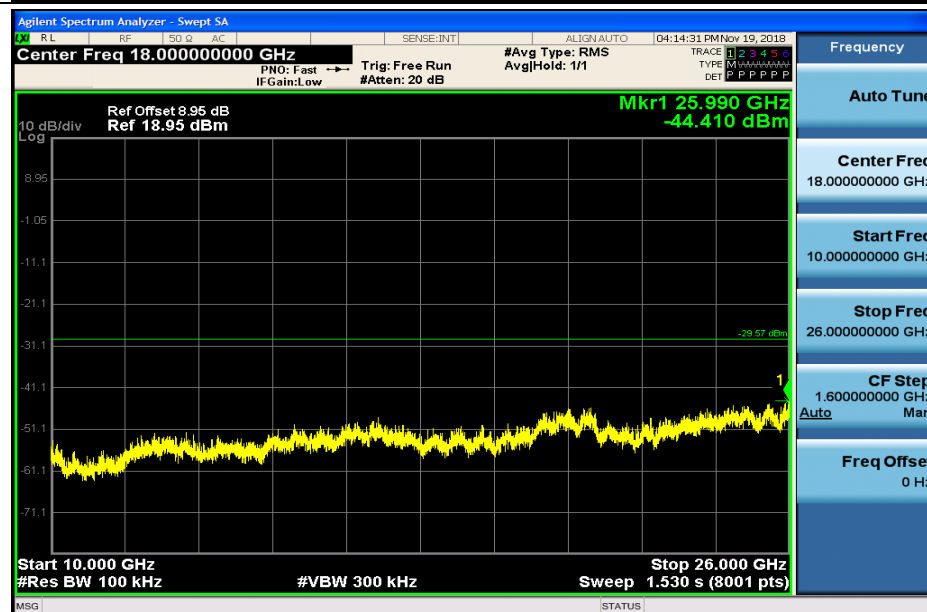
## RF Conducted Spurious Emissions\_11N20SISO\_2437\_Ant1



Frequency	
Auto Tune	
Center Freq	2.437000000 GHz
Start Freq	2.417000000 GHz
Stop Freq	2.457000000 GHz
CF Step	4.000000 MHz
Auto	Man
Freq Offset	0 Hz

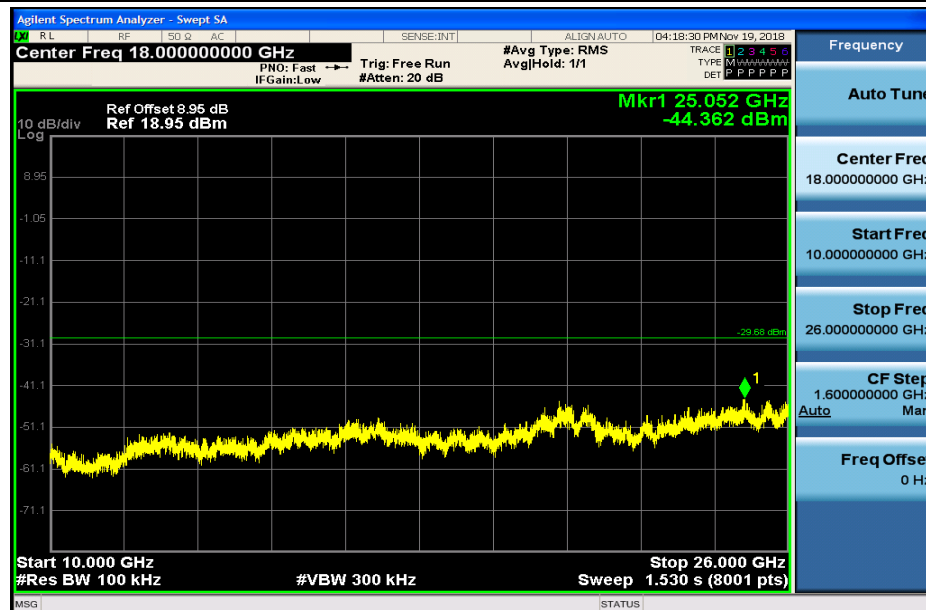
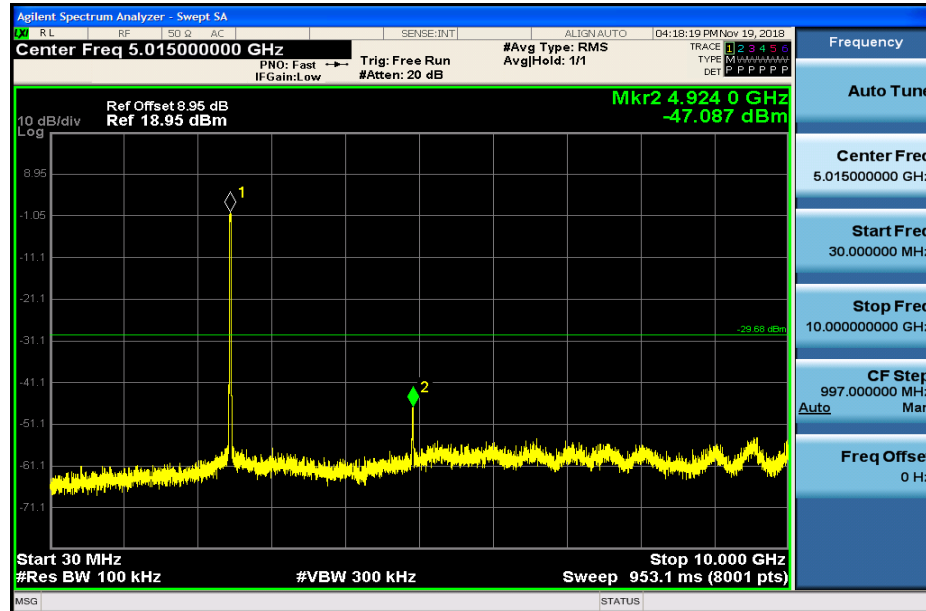


Frequency	
Auto Tune	
Center Freq	5.015000000 GHz
Start Freq	30.000000 MHz
Stop Freq	10.000000000 GHz
CF Step	997.000000 MHz
Auto	Man
Freq Offset	0 Hz

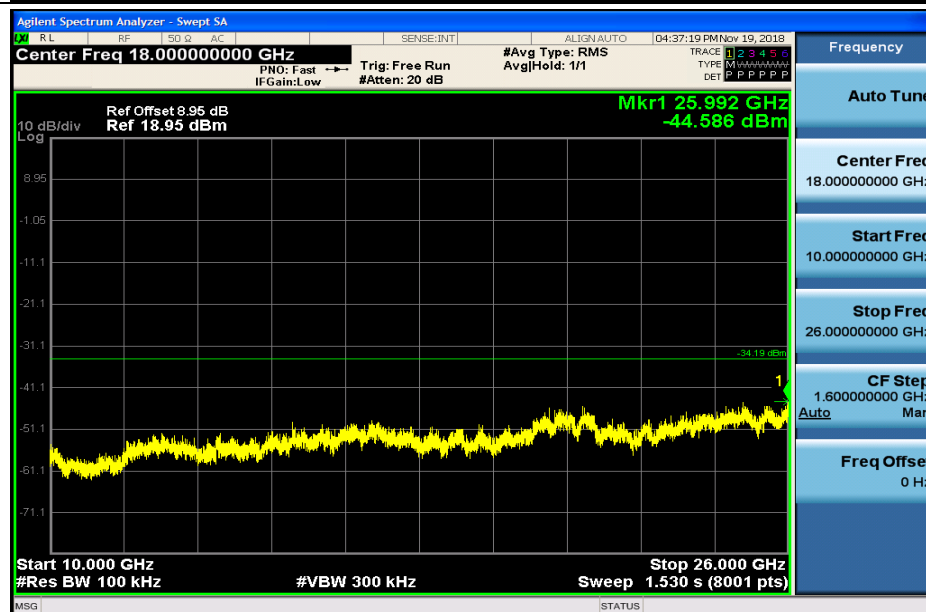
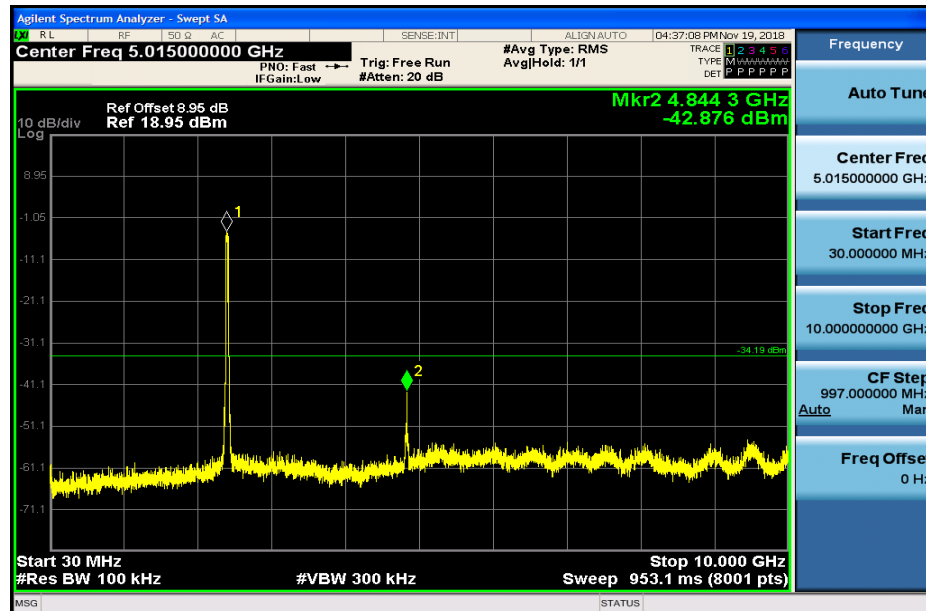
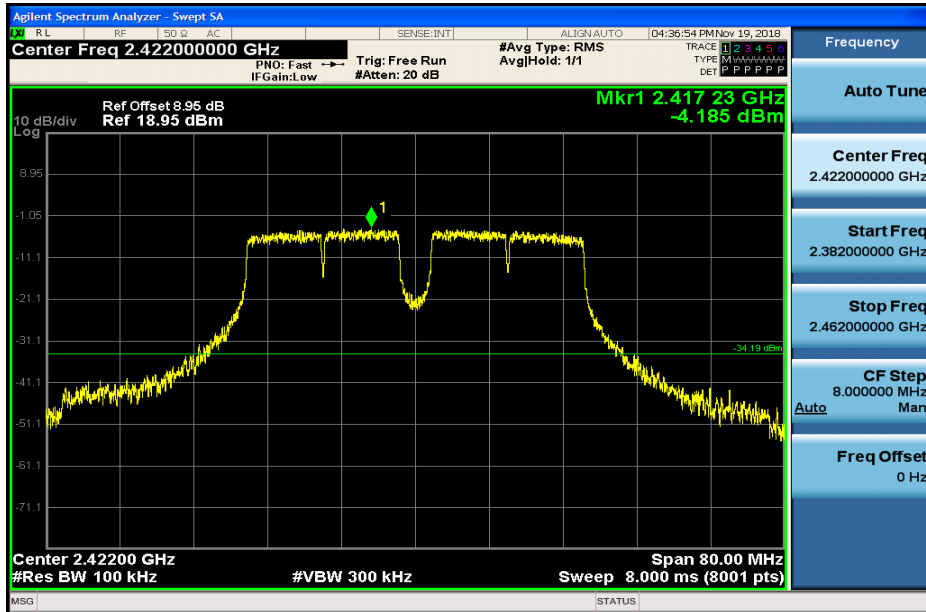


Frequency	
Auto Tune	
Center Freq	18.000000000 GHz
Start Freq	10.000000000 GHz
Stop Freq	26.000000000 GHz
CF Step	1.600000000 GHz
Auto	Man
Freq Offset	0 Hz

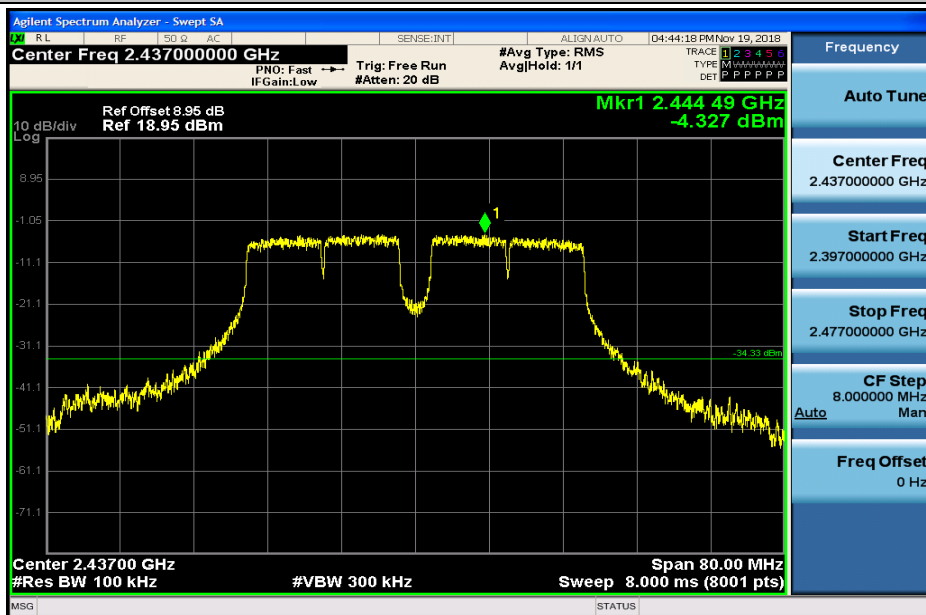
RF Conducted Spurious Emissions\_11N20SISO\_2462\_Ant1



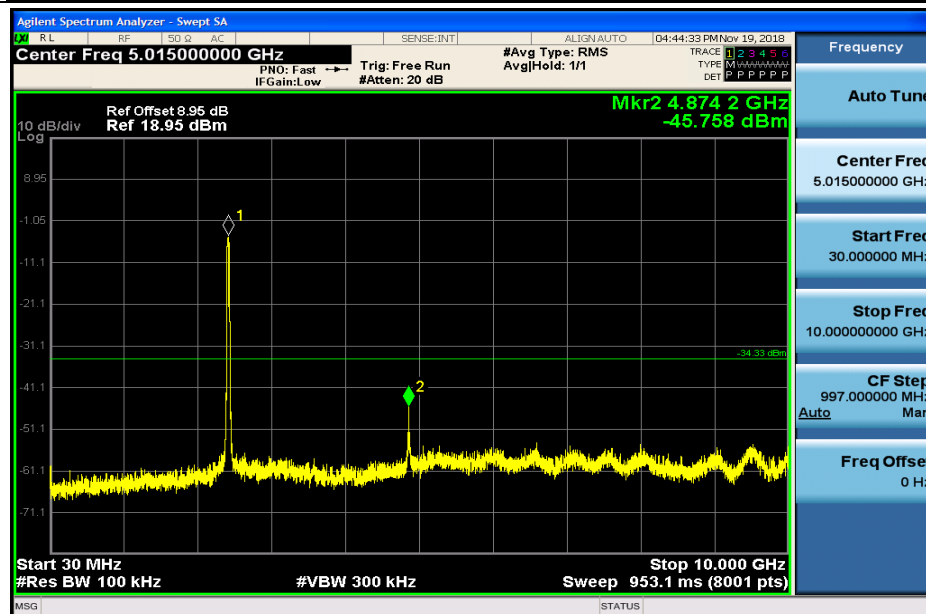
## RF Conducted Spurious Emissions\_11N40SISO\_2422\_Ant1



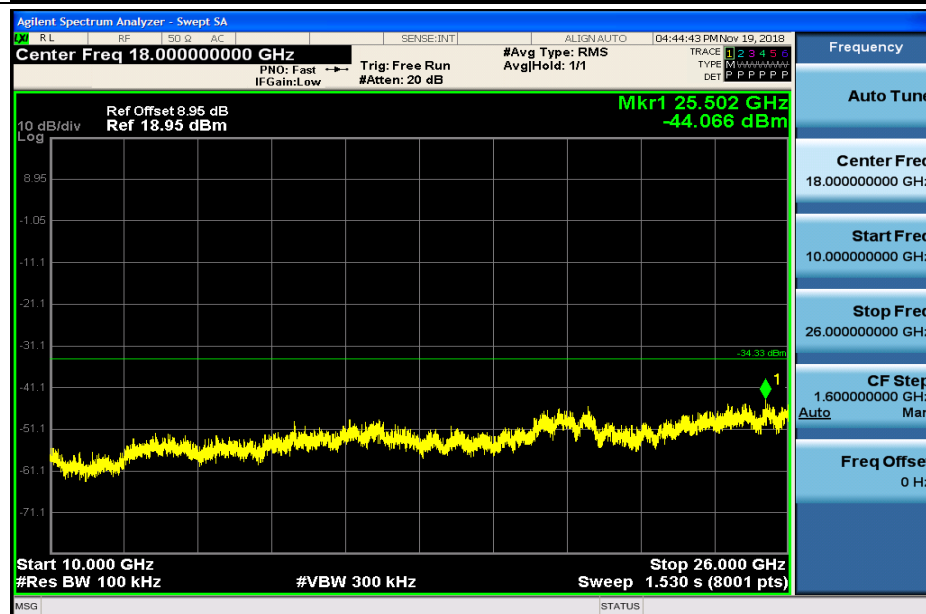
## RF Conducted Spurious Emissions\_11N40SISO\_2437\_Ant1



Frequency	
Auto Tune	
Center Freq	2.437000000 GHz
Start Freq	2.397000000 GHz
Stop Freq	2.477000000 GHz
CF Step	8.000000 MHz
Auto	Man
Freq Offset	0 Hz

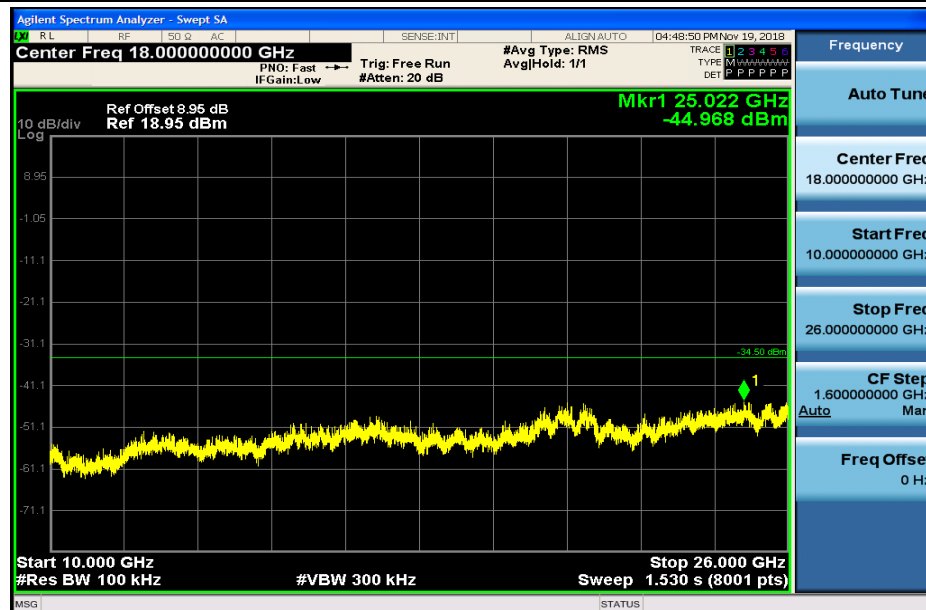
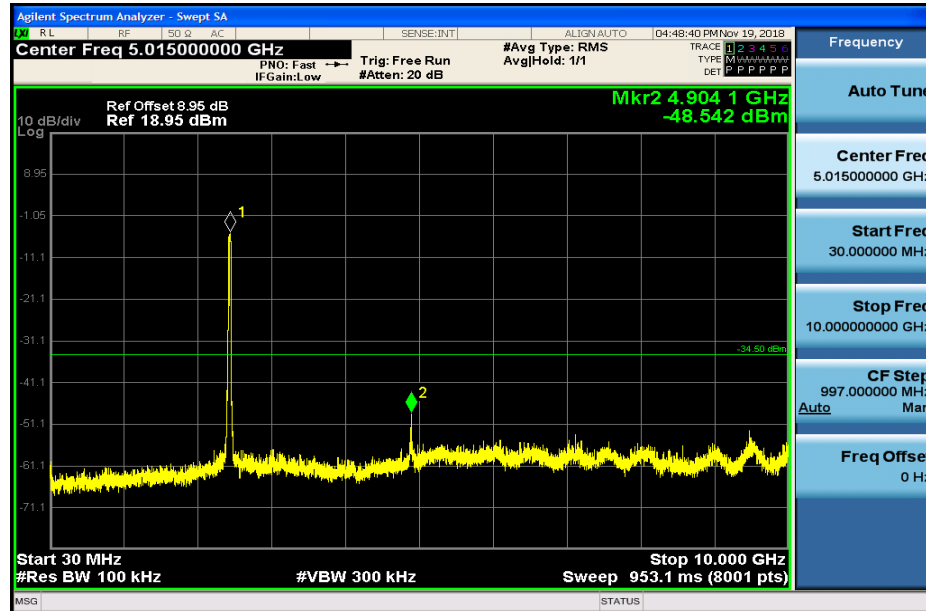
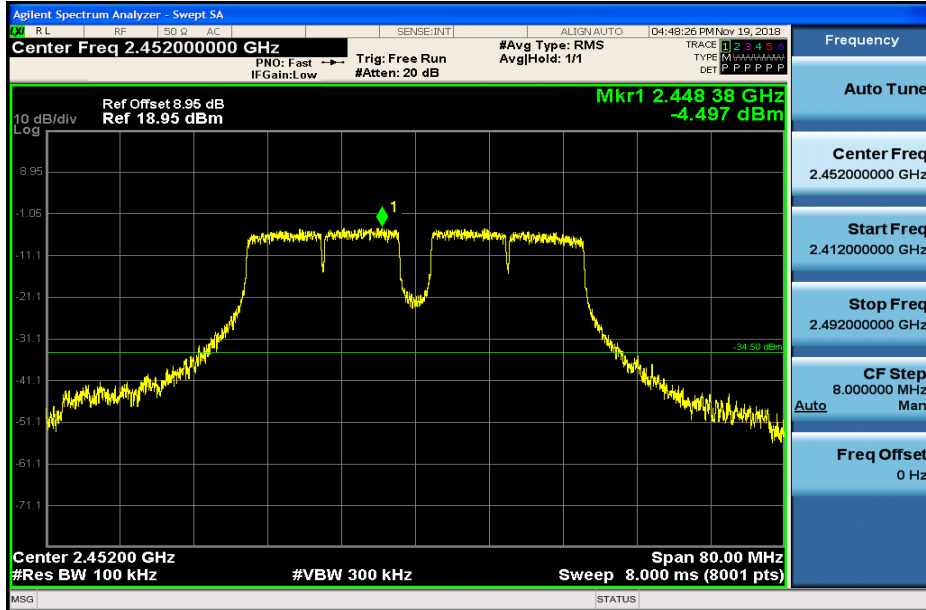


Frequency	
Auto Tune	
Center Freq	5.015000000 GHz
Start Freq	30.000000 MHz
Stop Freq	10.000000000 GHz
CF Step	997.000000 MHz
Auto	Man
Freq Offset	0 Hz



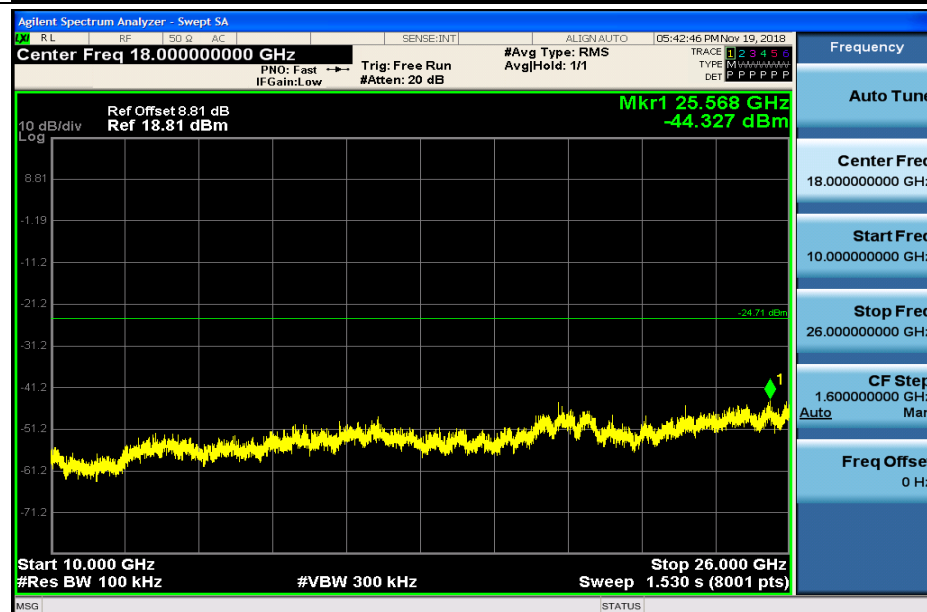
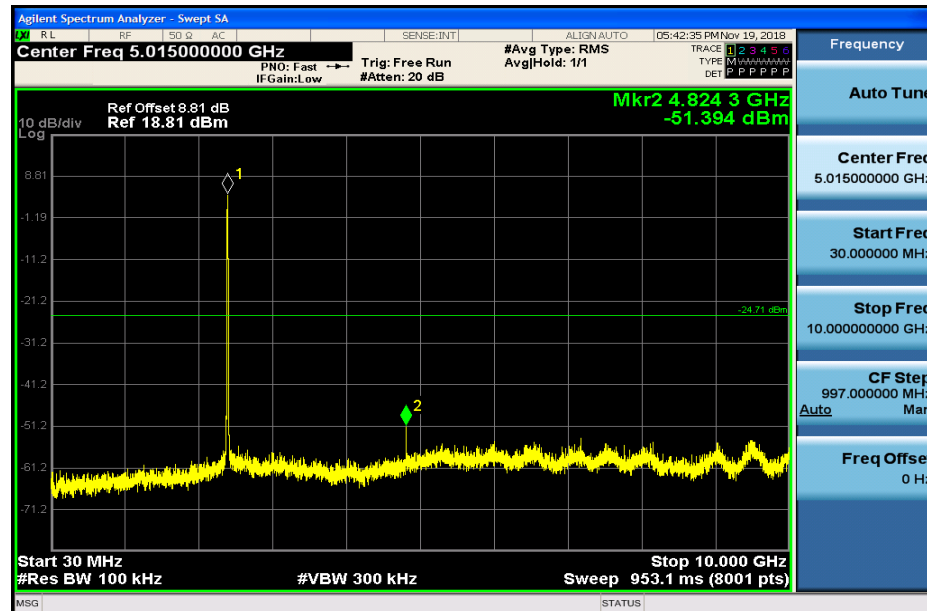
Frequency	
Auto Tune	
Center Freq	18.000000000 GHz
Start Freq	10.000000000 GHz
Stop Freq	26.000000000 GHz
CF Step	1.600000000 GHz
Auto	Man
Freq Offset	0 Hz

## RF Conducted Spurious Emissions\_11N40SISO\_2452\_Ant1





## RF Conducted Spurious Emissions\_11B\_2412\_Ant2

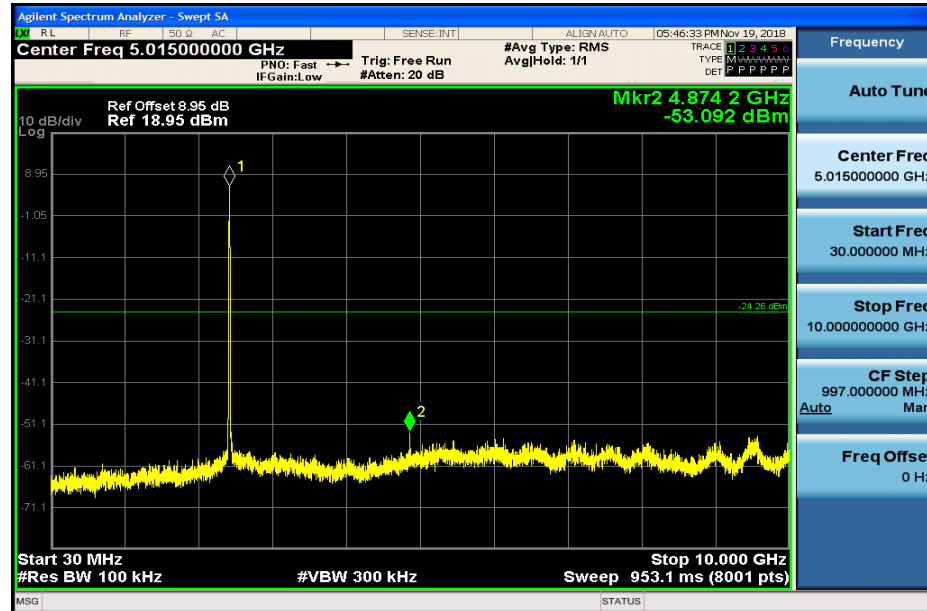




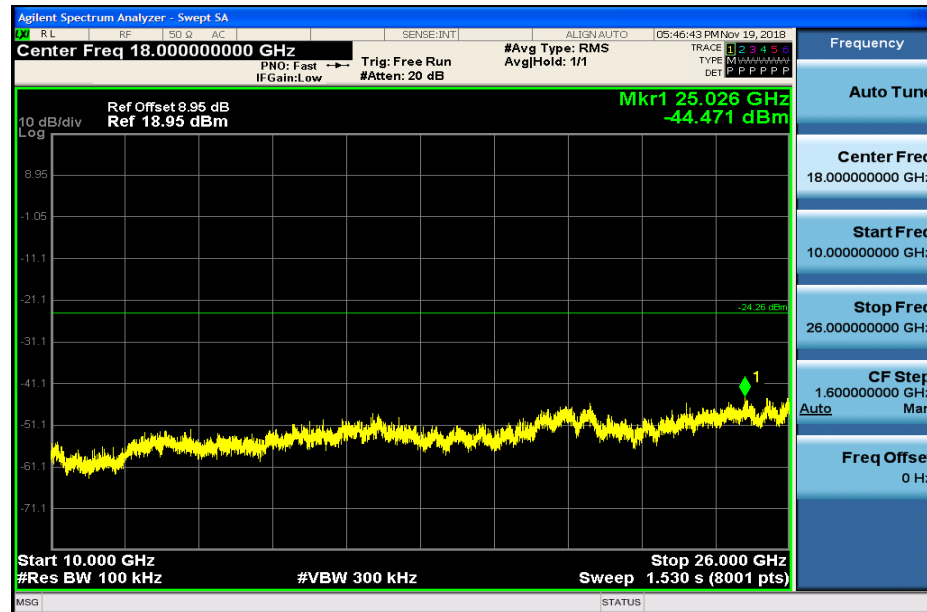
RF Conducted Spurious Emissions\_11B\_2437\_Ant2



Frequency	
Auto Tune	
Center Freq	2.437000000 GHz
Start Freq	2.417000000 GHz
Stop Freq	2.457000000 GHz
CF Step	4.000000 MHz
Auto	Man
Freq Offset	0 Hz

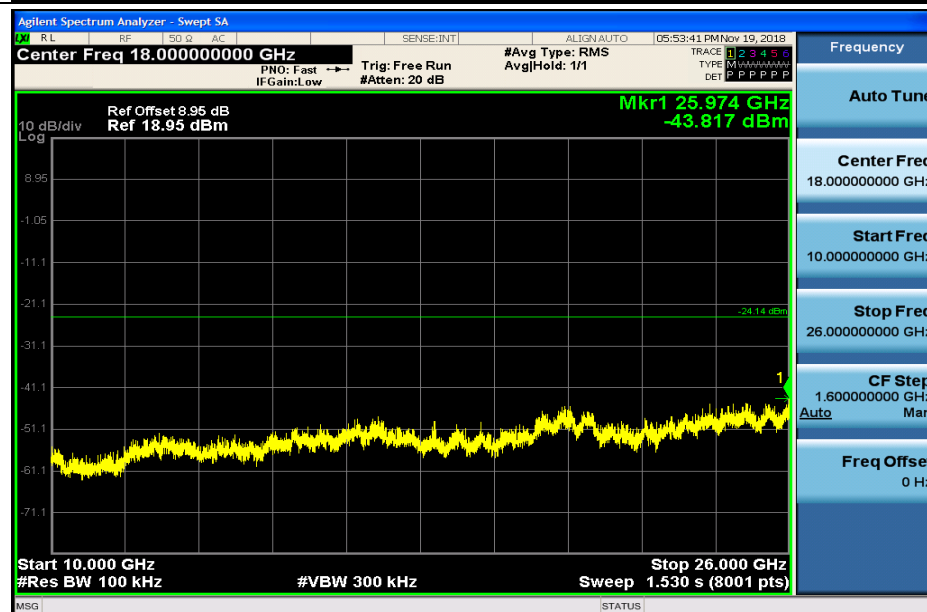
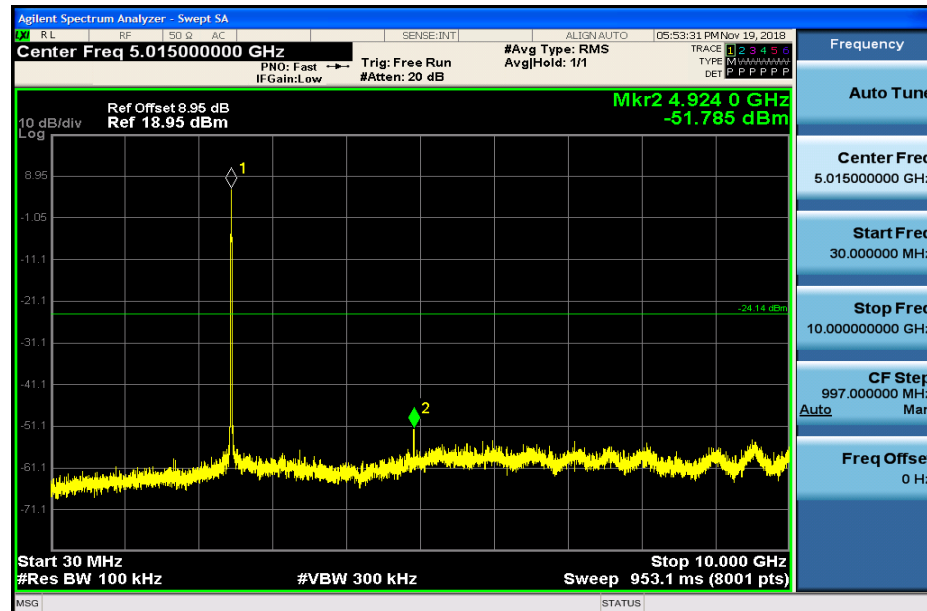


Frequency	
Auto Tune	
Center Freq	5.015000000 GHz
Start Freq	30.000000 MHz
Stop Freq	10.000000000 GHz
CF Step	997.000000 MHz
Auto	Man
Freq Offset	0 Hz

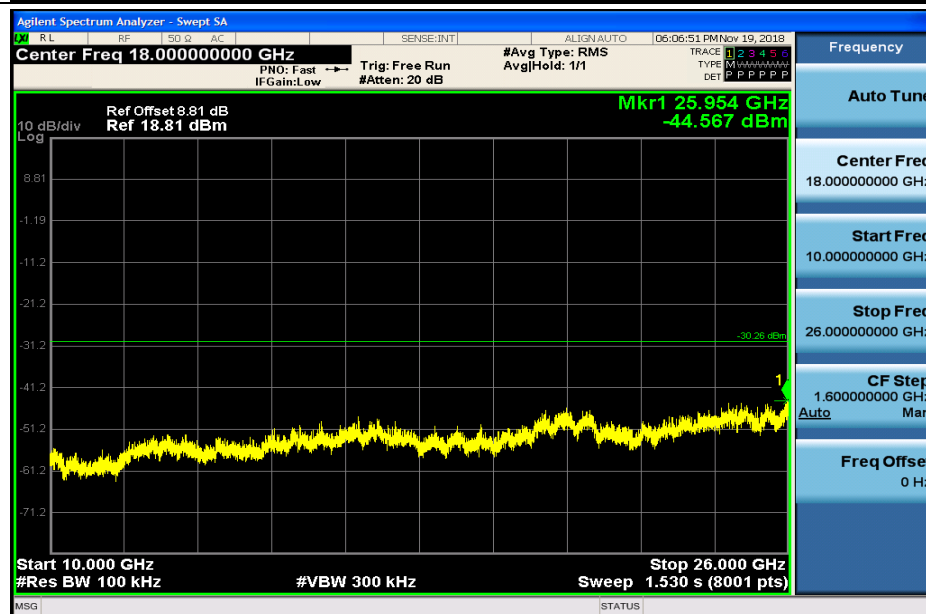
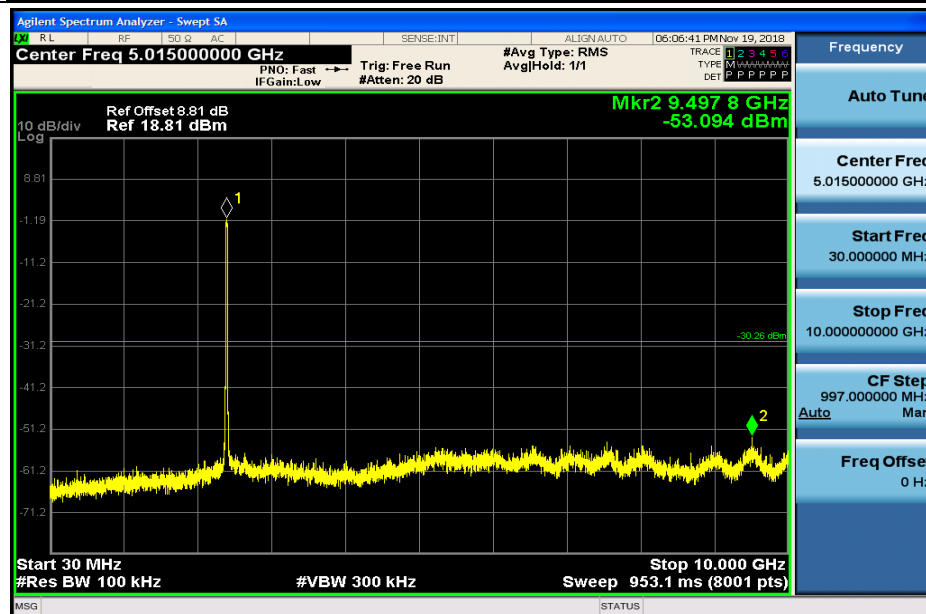
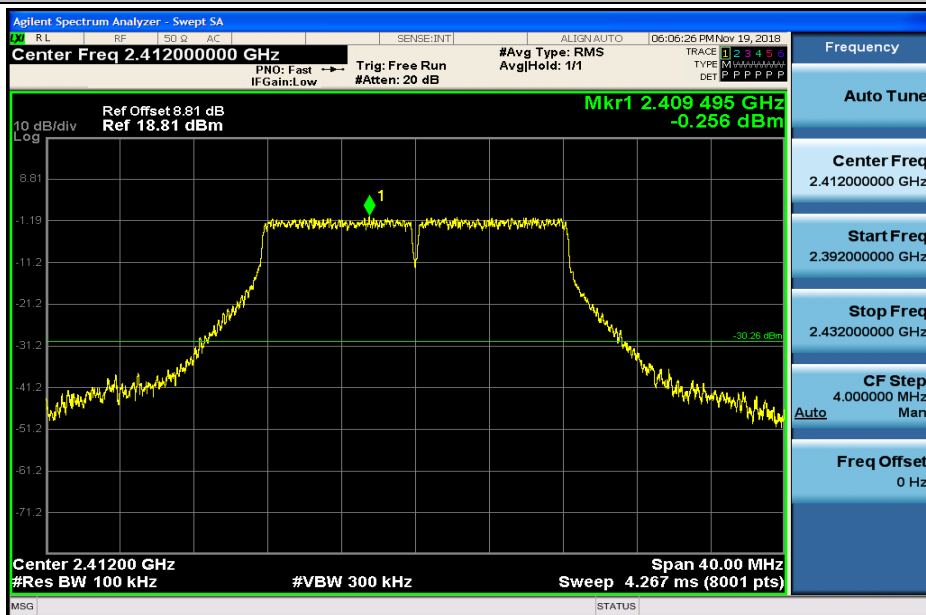


Frequency	
Auto Tune	
Center Freq	18.000000000 GHz
Start Freq	10.000000000 GHz
Stop Freq	26.000000000 GHz
CF Step	1.600000000 GHz
Auto	Man
Freq Offset	0 Hz

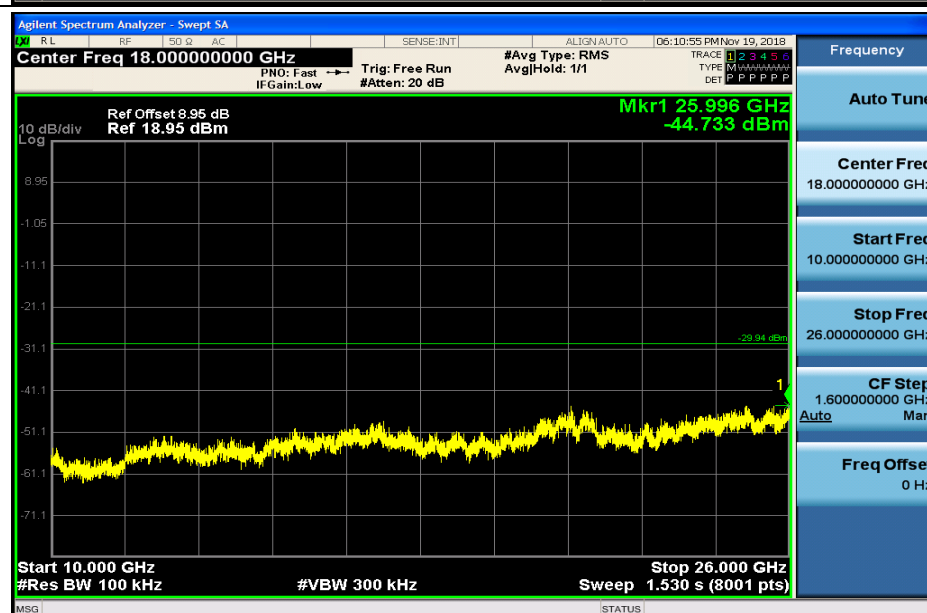
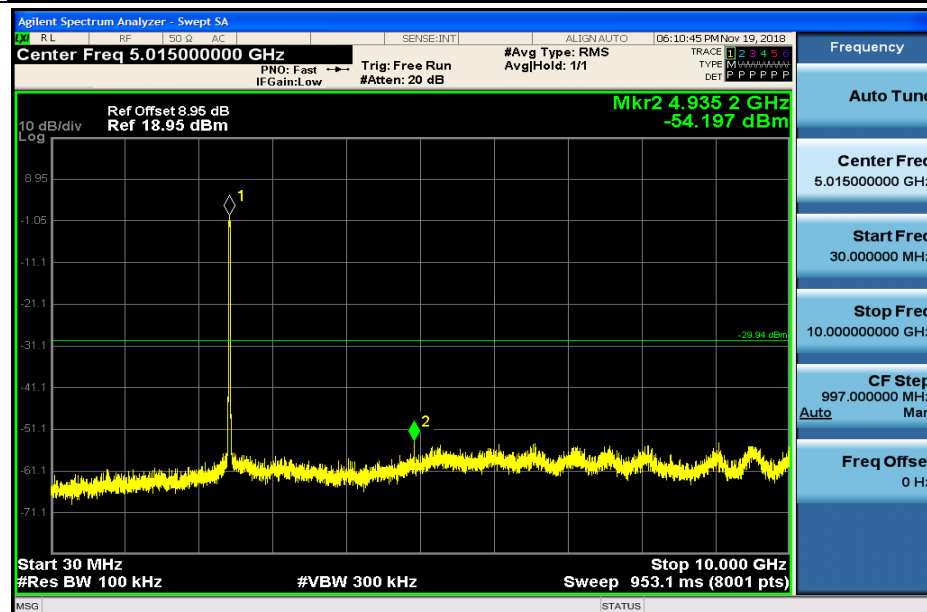
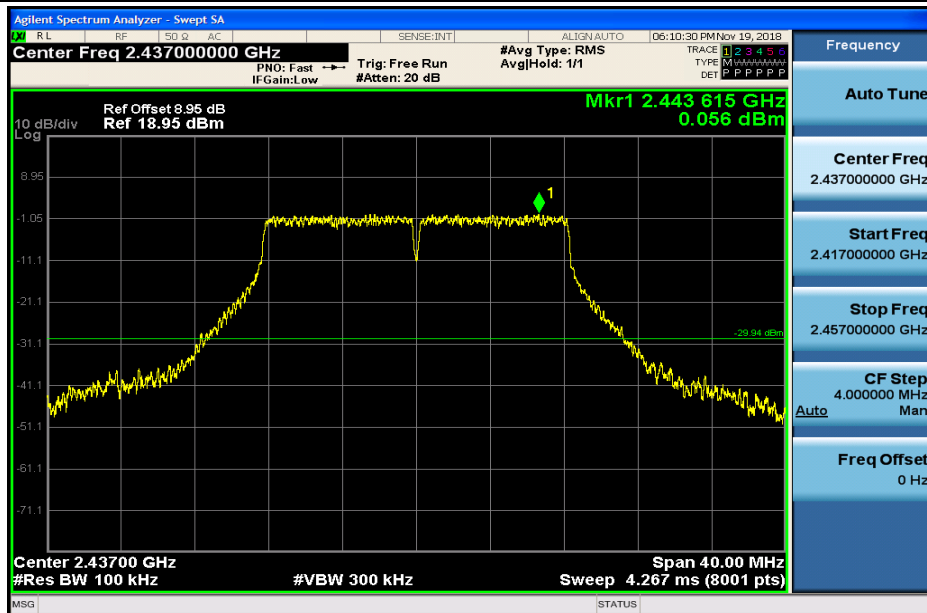
## RF Conducted Spurious Emissions\_11B\_2462\_Ant2



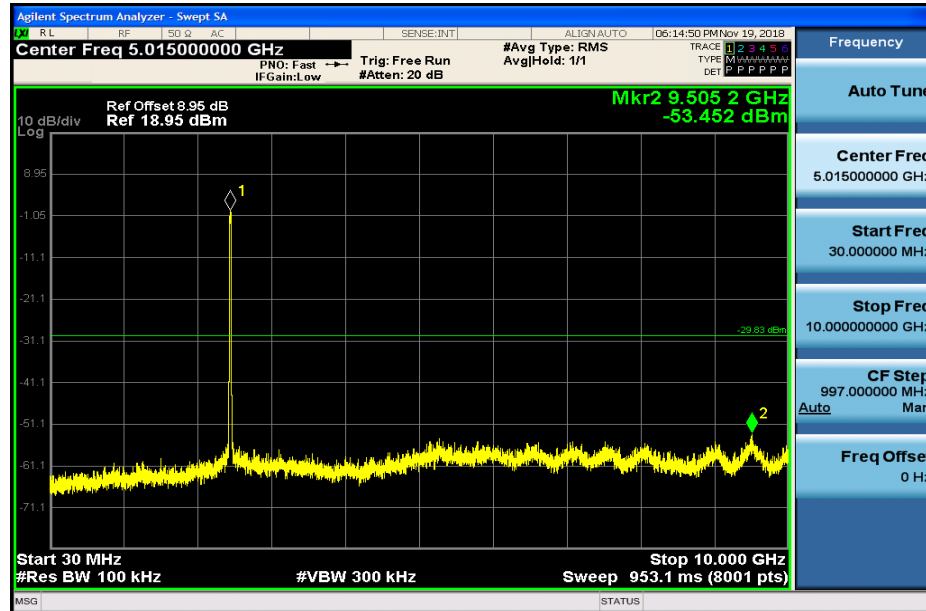
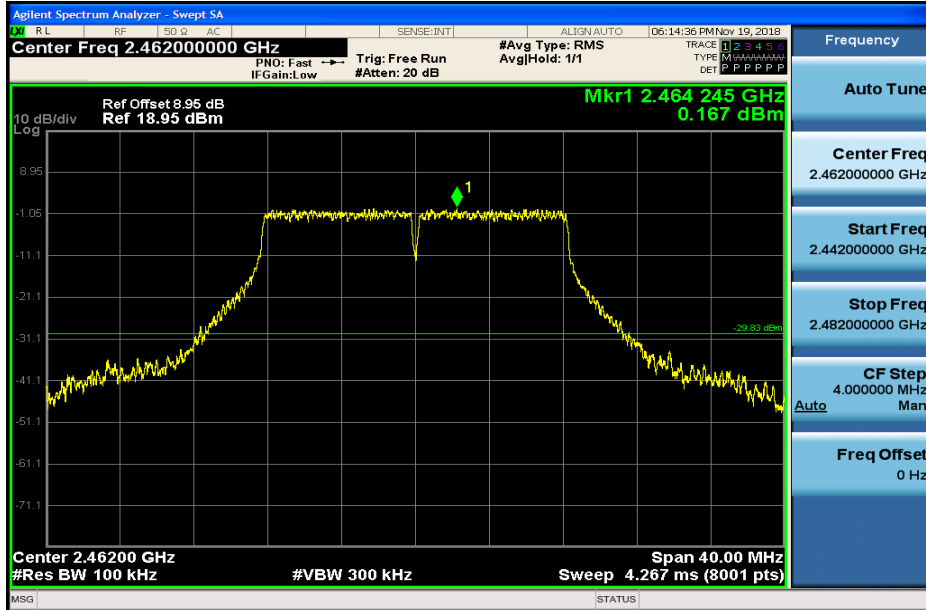
## RF Conducted Spurious Emissions\_11G\_2412\_Ant2



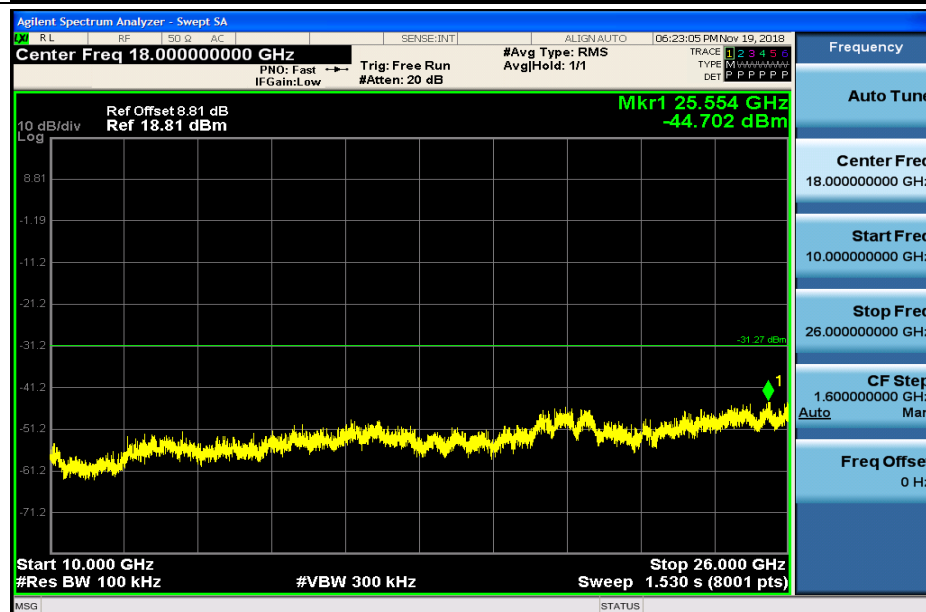
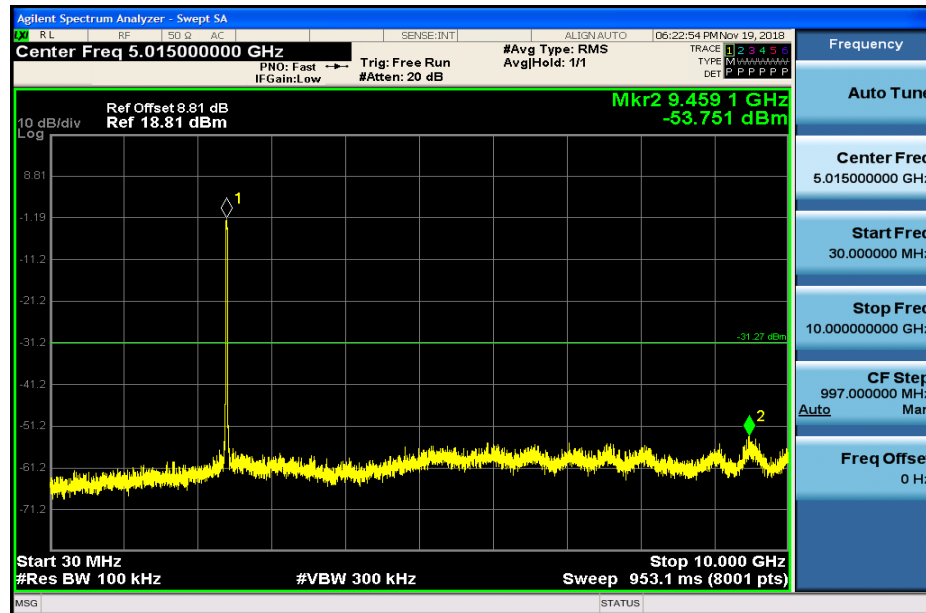
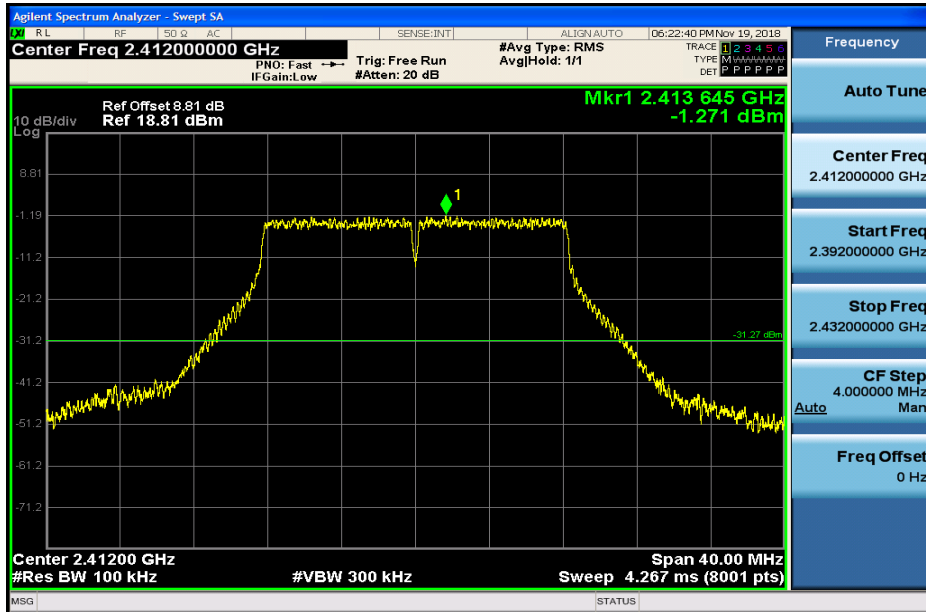
## RF Conducted Spurious Emissions\_11G\_2437\_Ant2



## RF Conducted Spurious Emissions\_11G\_2462\_Ant2

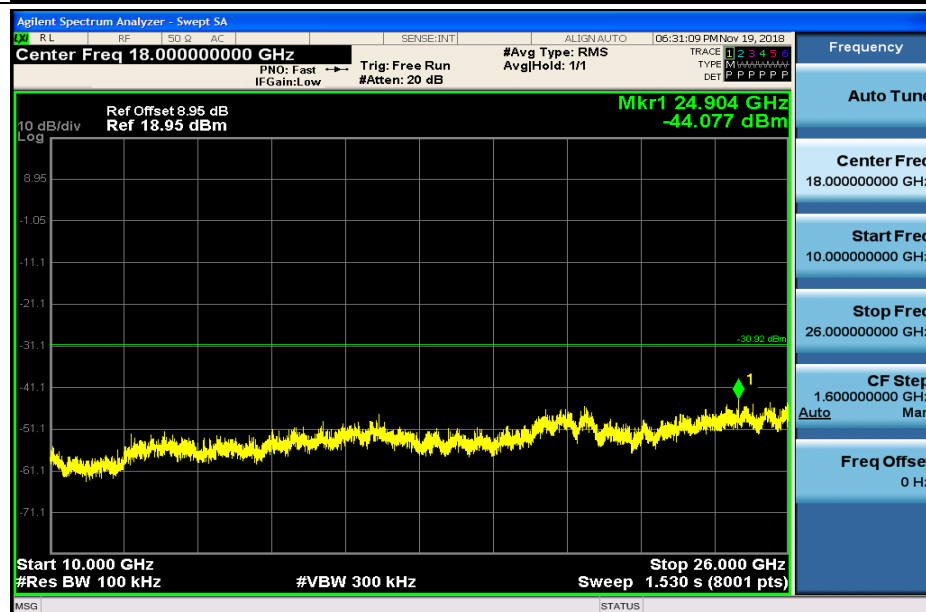
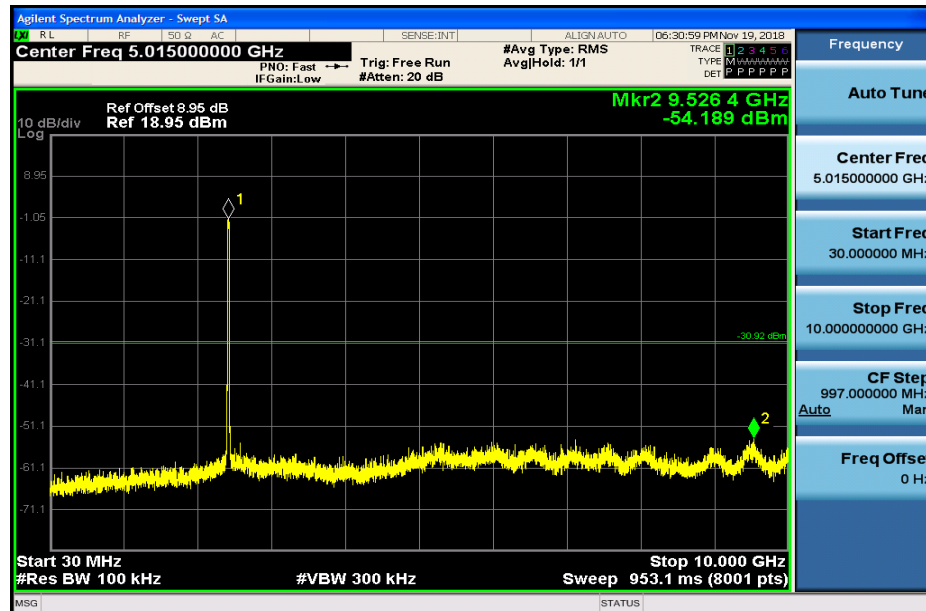
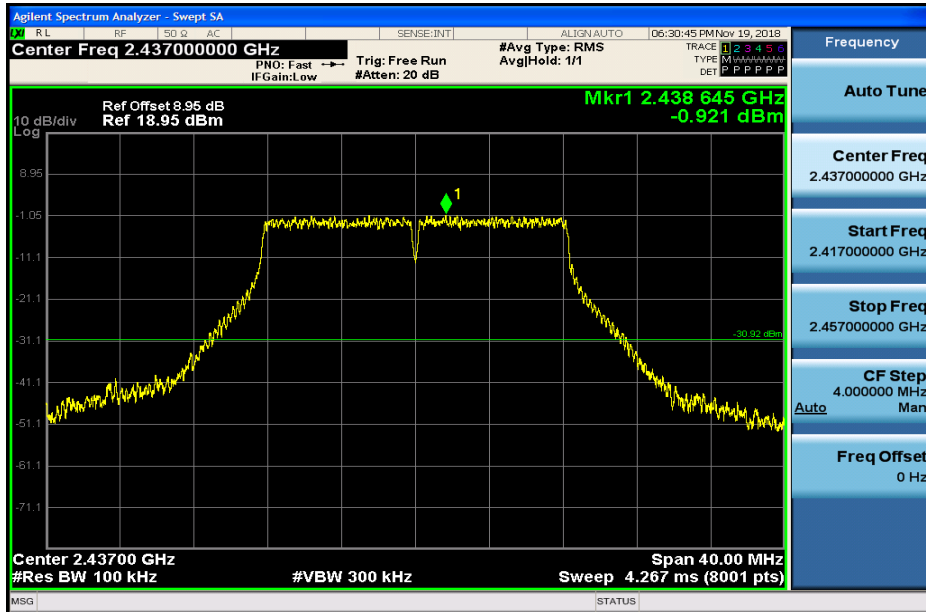


## RF Conducted Spurious Emissions\_11N20SISO\_2412\_Ant2



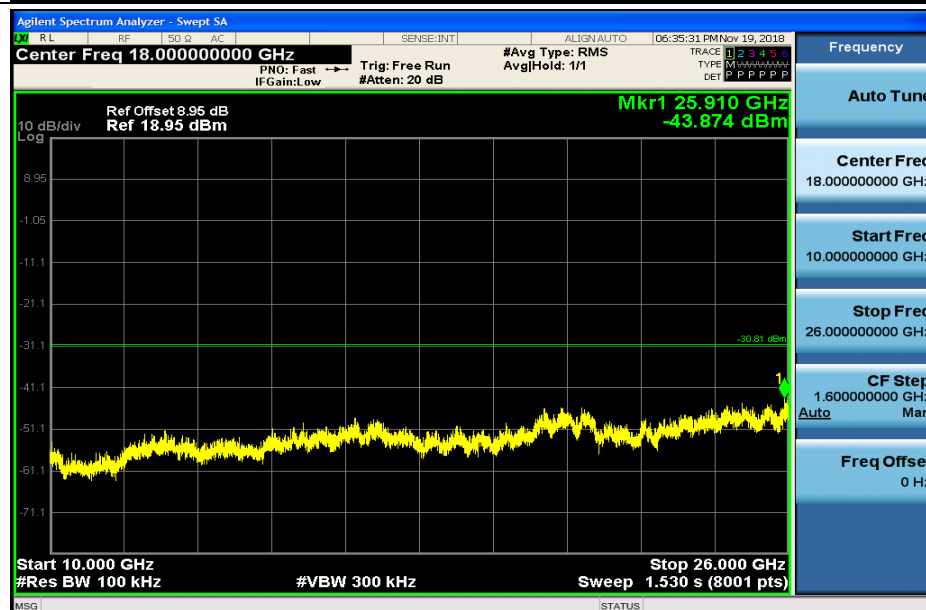
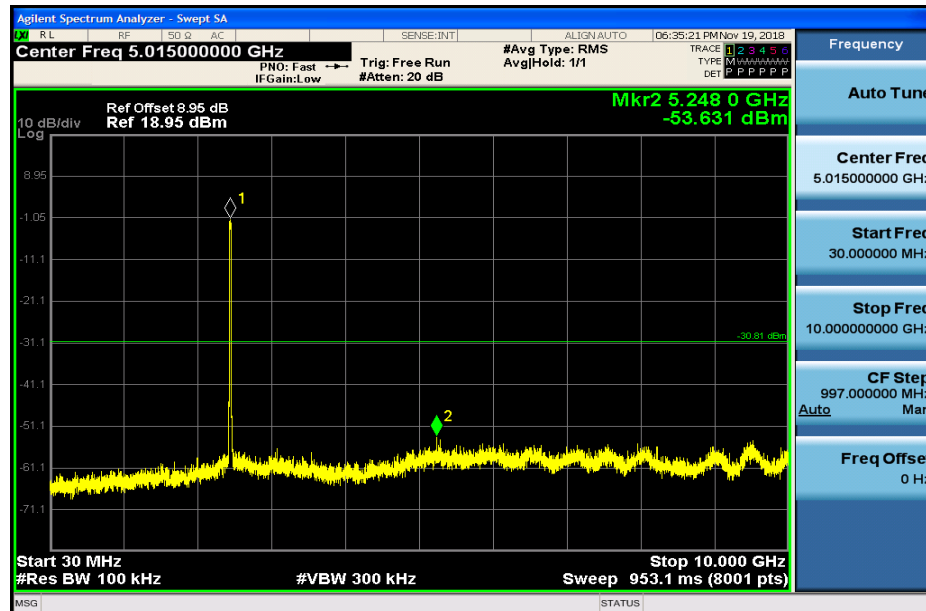
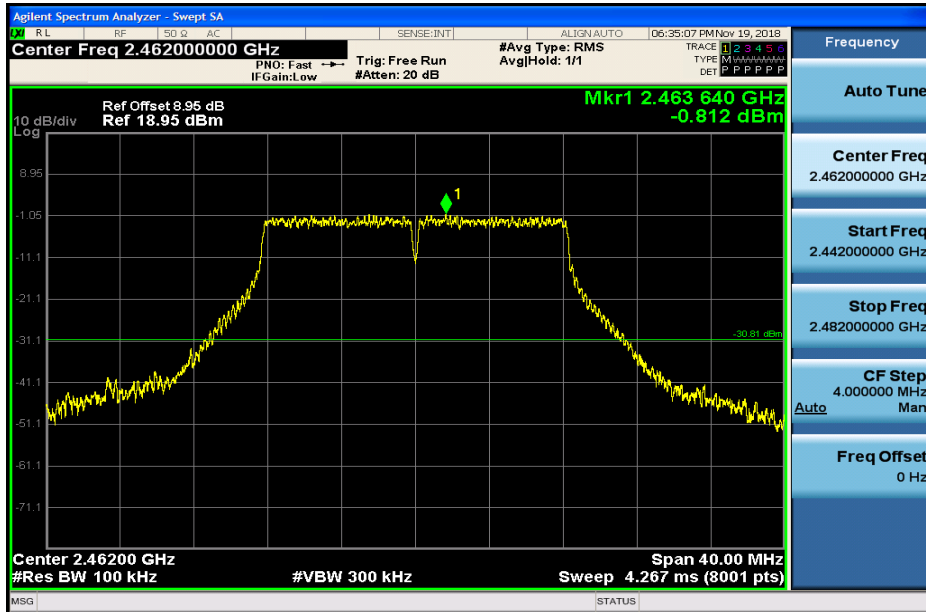


## RF Conducted Spurious Emissions\_11N20SISO\_2437\_Ant2

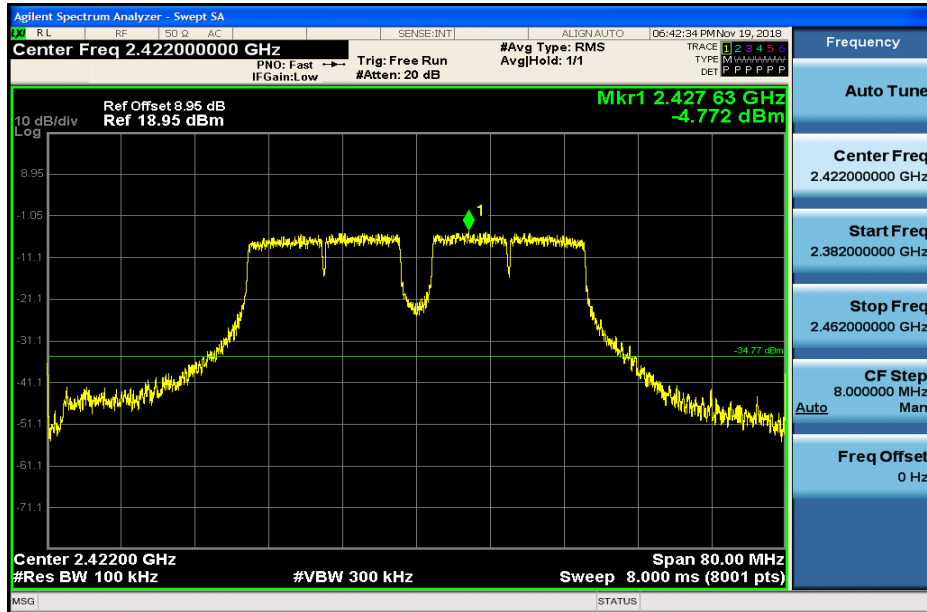




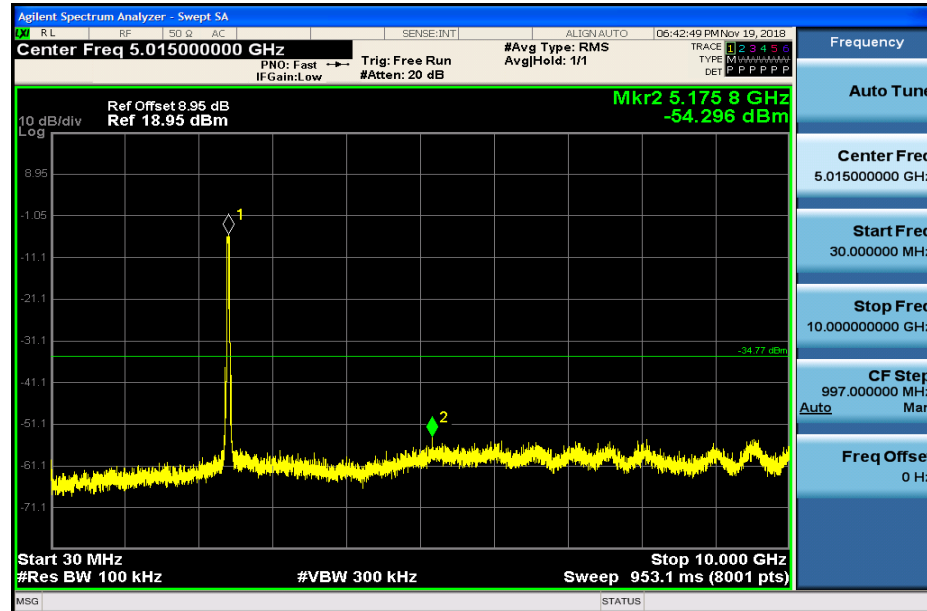
## RF Conducted Spurious Emissions\_11N20SISO\_2462\_Ant2



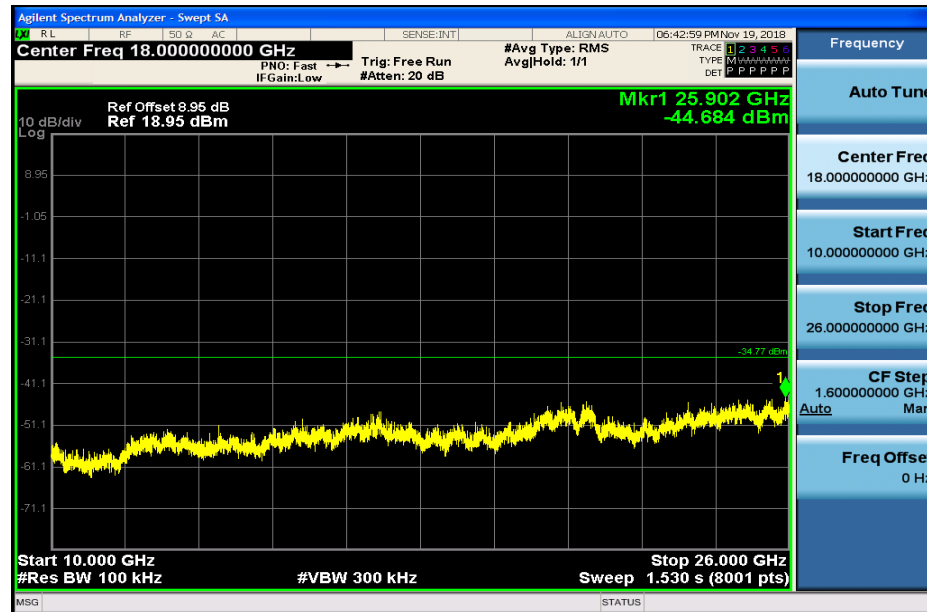
## RF Conducted Spurious Emissions\_11N40SISO\_2422\_Ant2



Frequency	
Auto Tune	
Center Freq	2.422000000 GHz
Start Freq	2.382000000 GHz
Stop Freq	2.462000000 GHz
CF Step	8.000000 MHz
Auto	Man
Freq Offset	0 Hz

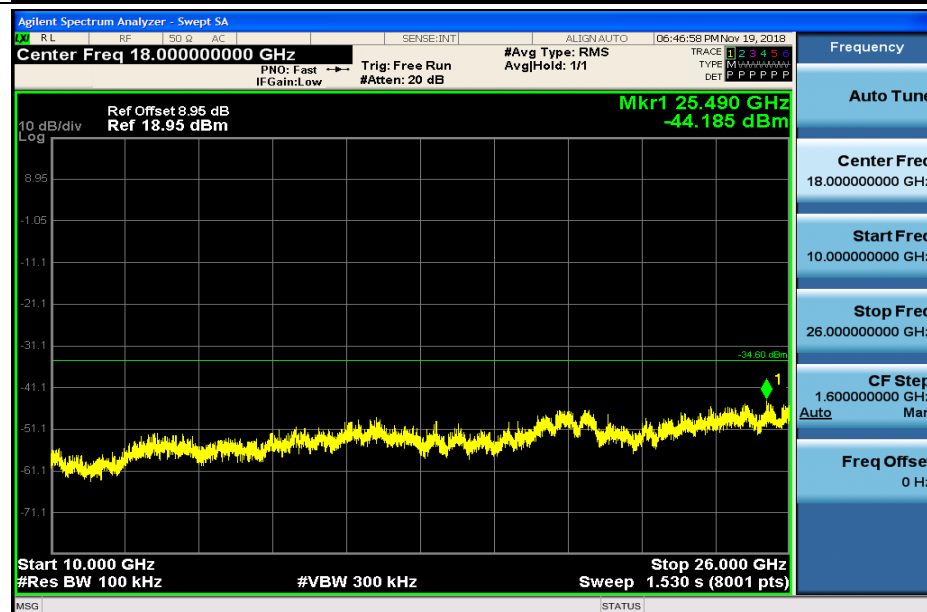
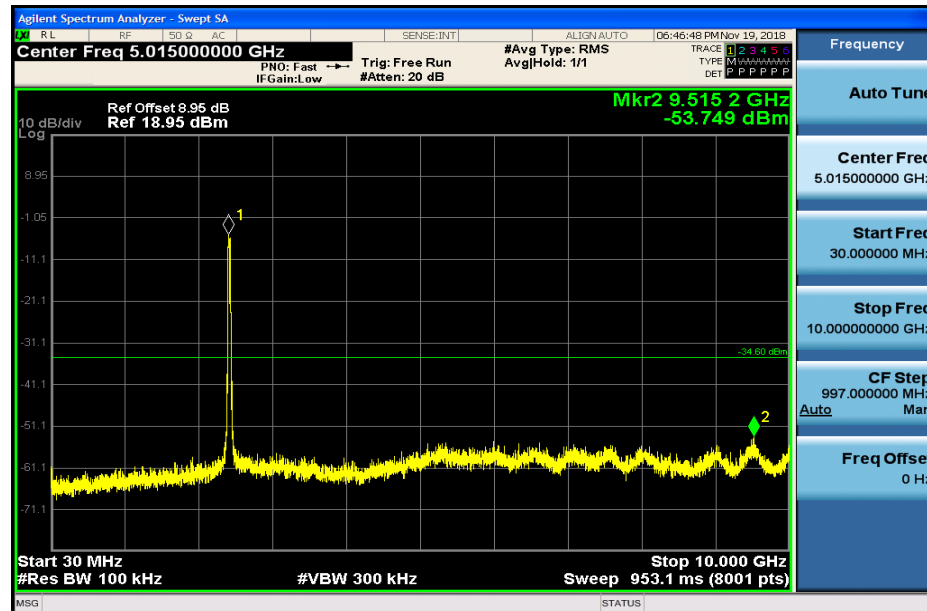
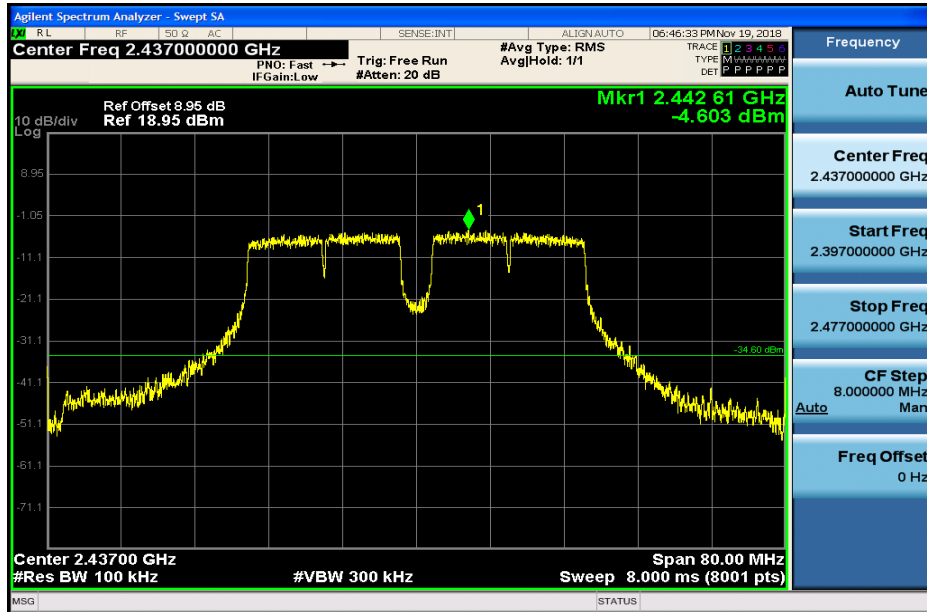


Frequency	
Auto Tune	
Center Freq	5.015000000 GHz
Start Freq	30.000000 MHz
Stop Freq	10.000000000 GHz
CF Step	997.000000 MHz
Auto	Man
Freq Offset	0 Hz

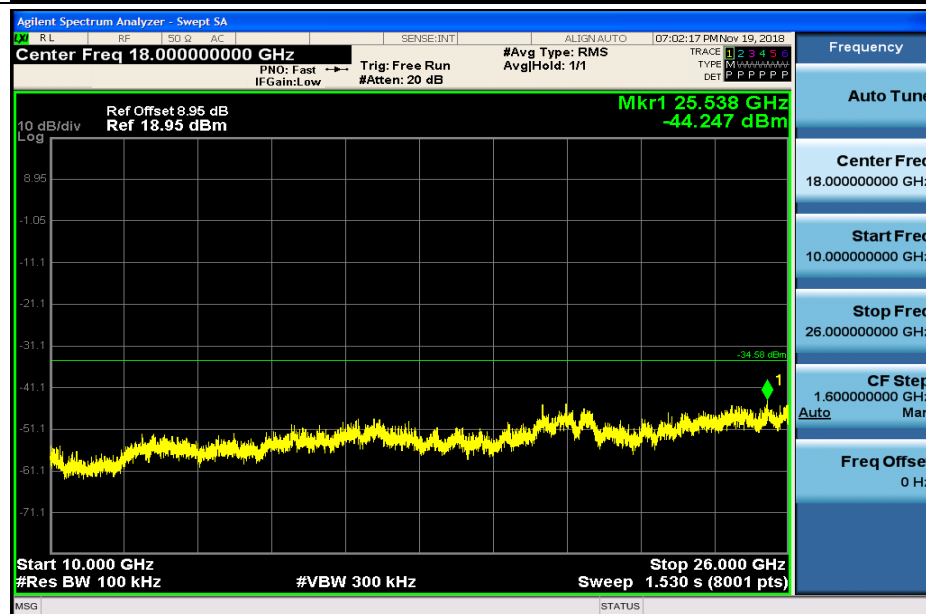
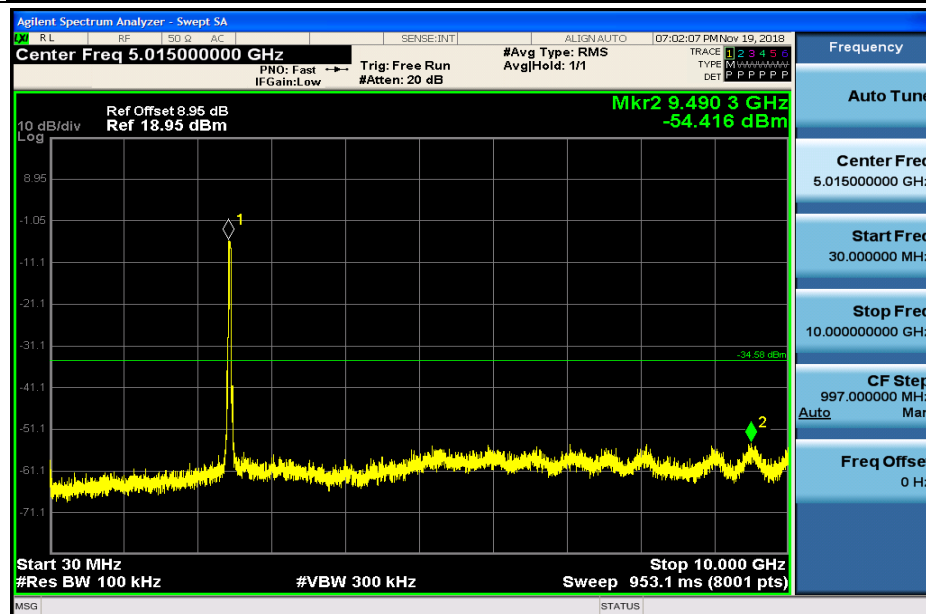
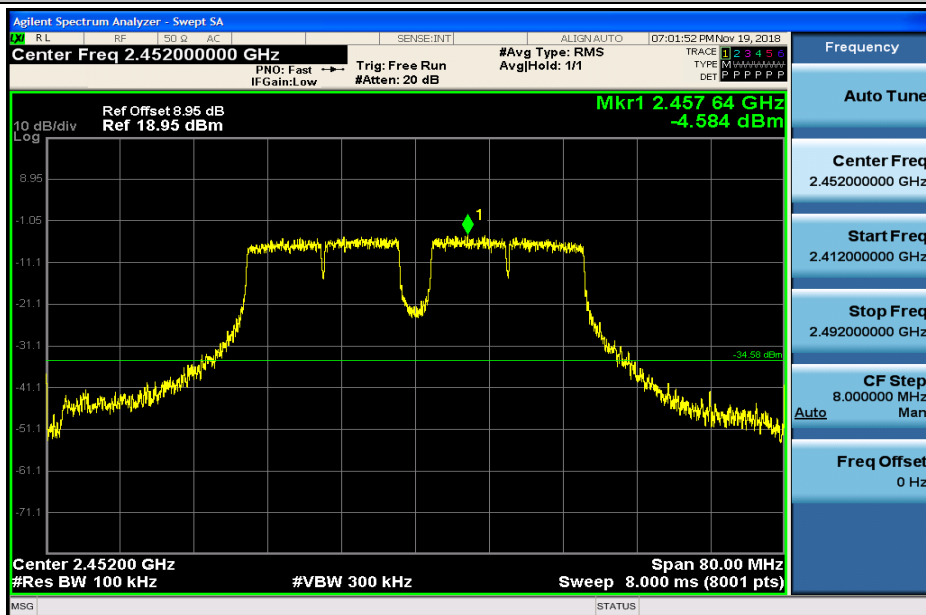


Frequency	
Auto Tune	
Center Freq	18.000000000 GHz
Start Freq	10.000000000 GHz
Stop Freq	26.000000000 GHz
CF Step	1.600000000 GHz
Auto	Man
Freq Offset	0 Hz

## RF Conducted Spurious Emissions\_11N40SISO\_2437\_Ant2



## RF Conducted Spurious Emissions\_11N40SISO\_2452\_Ant2

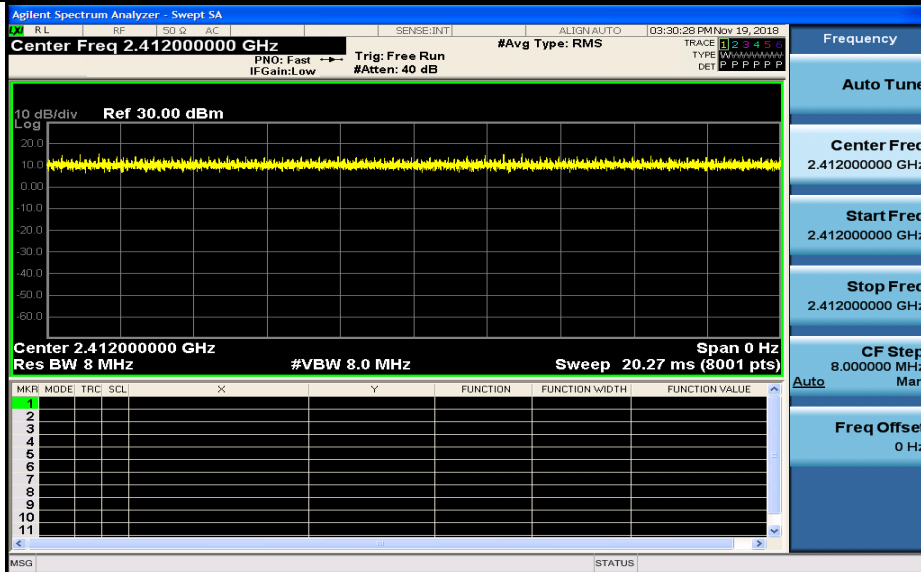


**7. Duty Cycle**

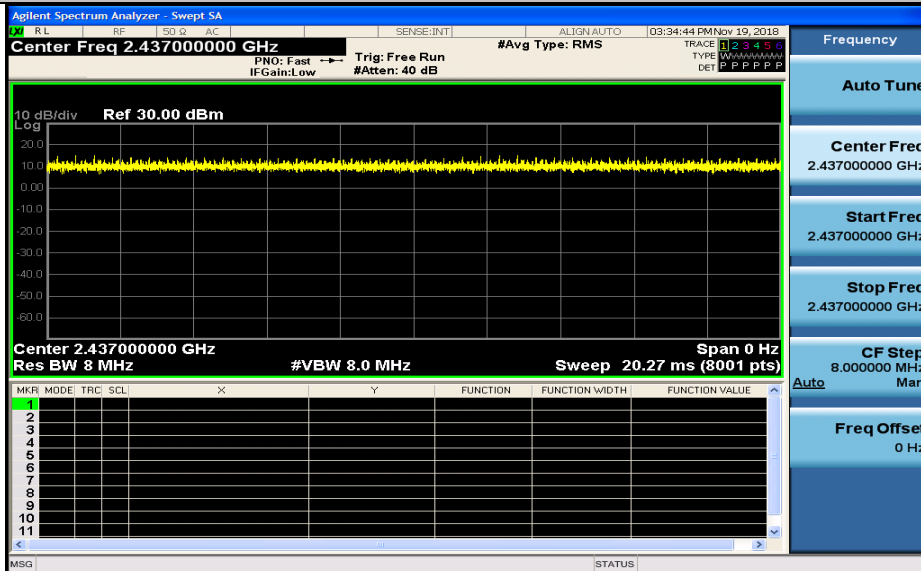
Test Mode	Test Channel	Duty Cycle[%]		10log(1/x) Factor[dB]	
		Ant1	Ant2	Ant1	Ant2
11B	2412	100.00	100.00	0.00	0.00
11B	2437	100.00	100.00	0.00	0.00
11B	2462	100.00	100.00	0.00	0.00
11G	2412	100.00	100.00	0.00	0.00
11G	2437	100.00	100.00	0.00	0.00
11G	2462	100.00	100.00	0.00	0.00
11N20SISO	2412	100.00	100.00	0.00	0.00
11N20SISO	2437	100.00	100.00	0.00	0.00
11N20SISO	2462	100.00	100.00	0.00	0.00
11N40SISO	2422	100.00	100.00	0.00	0.00
11N40SISO	2437	100.00	100.00	0.00	0.00
11N40SISO	2452	100.00	100.00	0.00	0.00



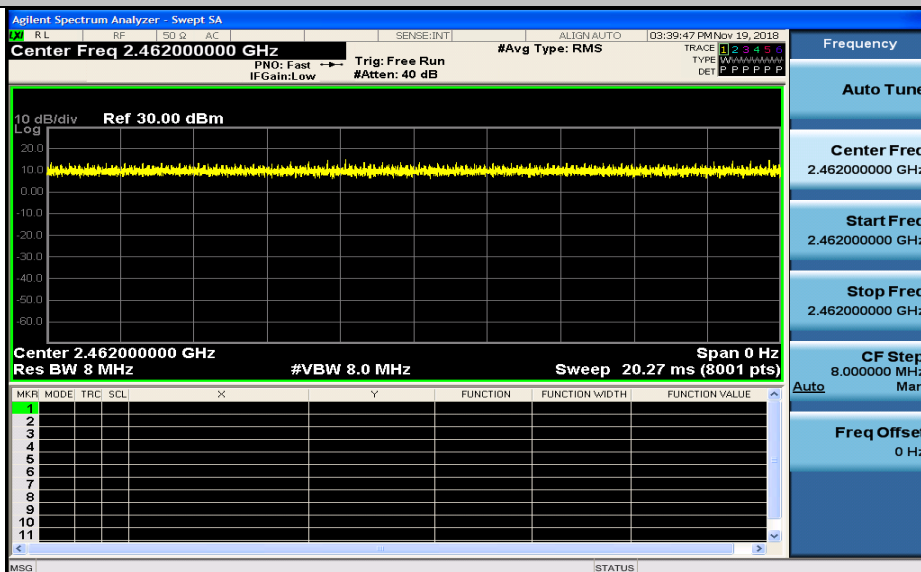
Duty Cycle\_11G\_2412\_Ant1



Duty Cycle\_11G\_2437\_Ant1

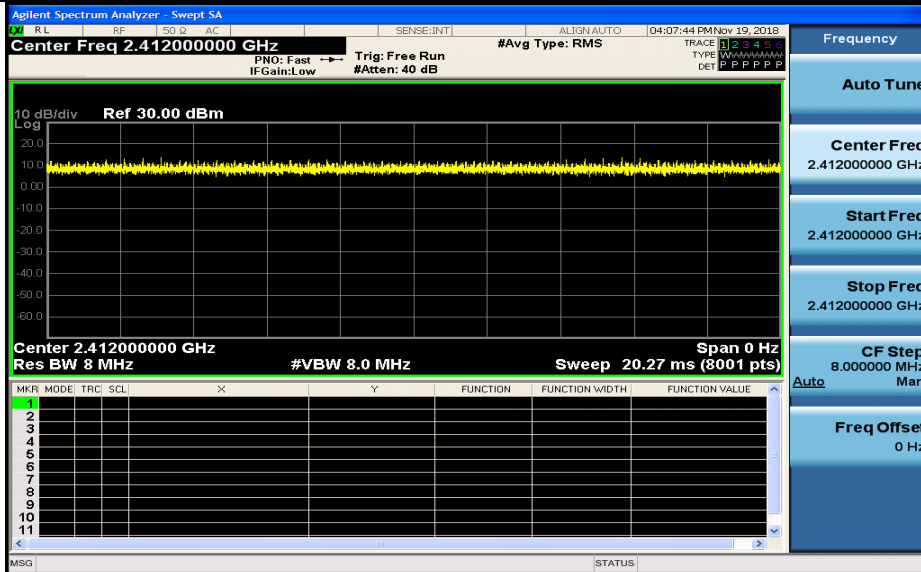


Duty Cycle\_11G\_2462\_Ant1



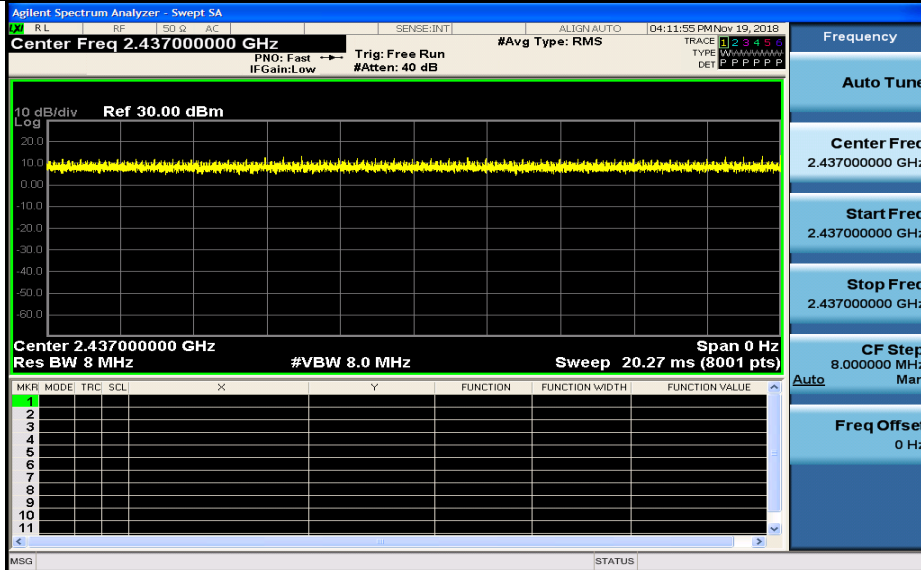


## Duty Cycle\_11N20SISO\_2412\_Ant1



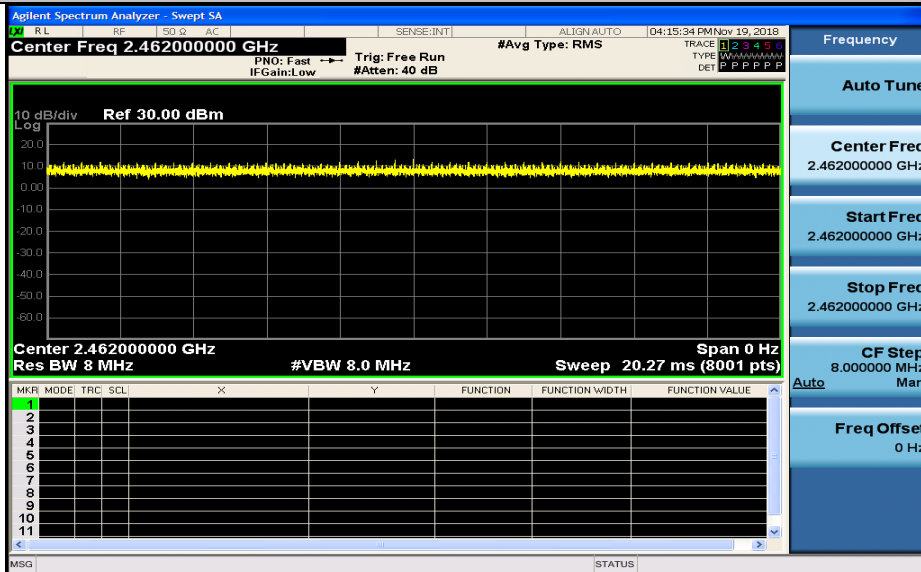
Frequency
Auto Tune
Center Freq 2.41200000 GHz
Start Freq 2.41200000 GHz
Stop Freq 2.41200000 GHz
CF Step 8.000000 MHz
Auto
Man
Freq Offset 0 Hz

## Duty Cycle\_11N20SISO\_2437\_Ant1



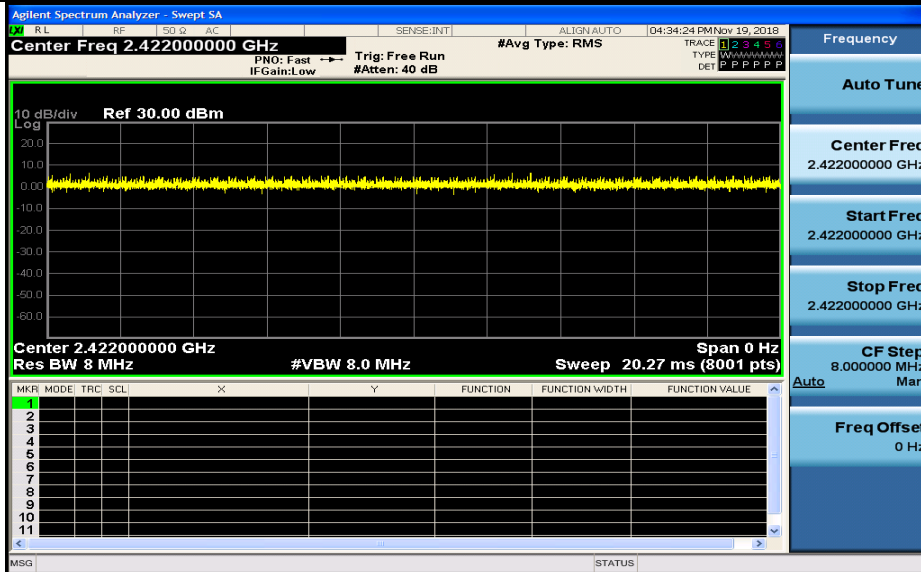
Frequency
Auto Tune
Center Freq 2.43700000 GHz
Start Freq 2.43700000 GHz
Stop Freq 2.43700000 GHz
CF Step 8.000000 MHz
Auto
Man
Freq Offset 0 Hz

## Duty Cycle\_11N20SISO\_2462\_Ant1



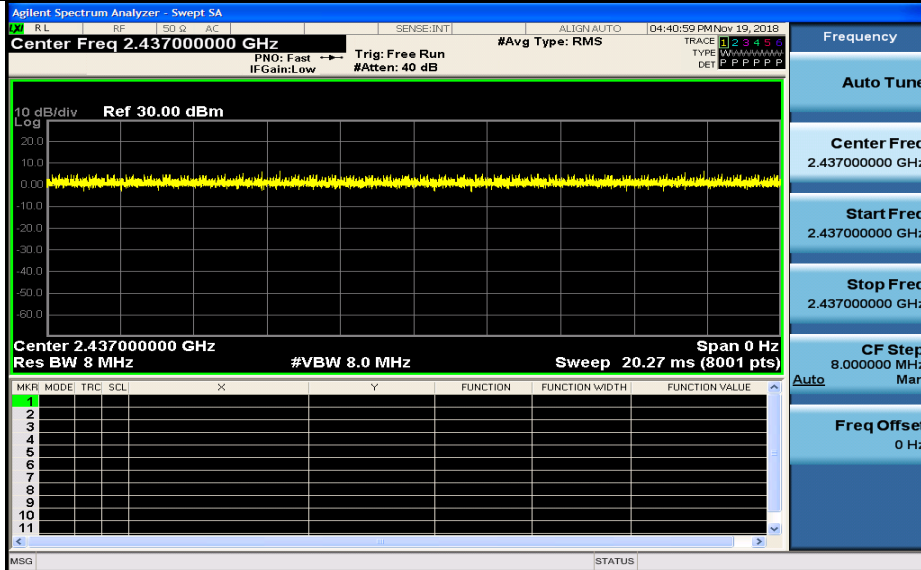
Frequency
Auto Tune
Center Freq 2.46200000 GHz
Start Freq 2.46200000 GHz
Stop Freq 2.46200000 GHz
CF Step 8.000000 MHz
Auto
Man
Freq Offset 0 Hz

## Duty Cycle\_11N40SISO\_2422\_Ant1



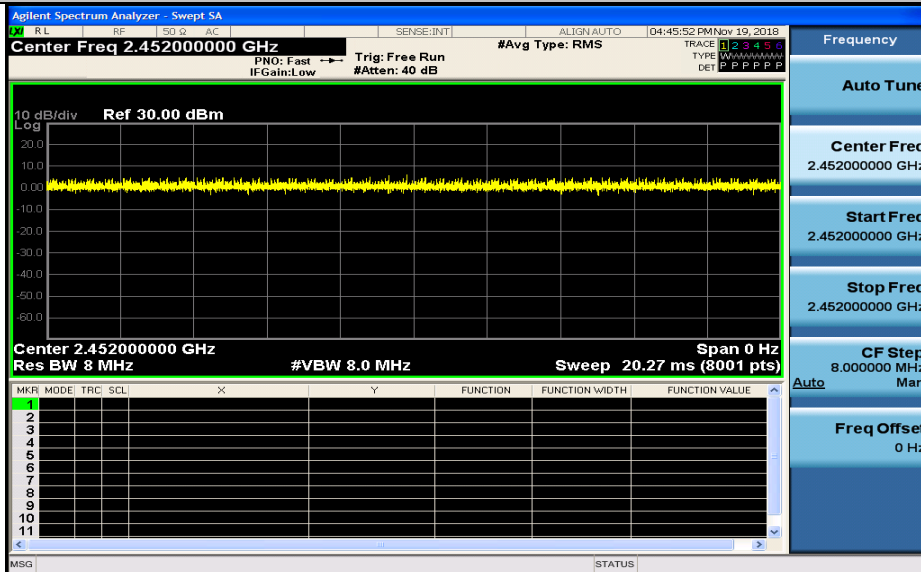
Frequency
Auto Tune
Center Freq 2.422000000 GHz
Start Freq 2.422000000 GHz
Stop Freq 2.422000000 GHz
CF Step 8.000000 MHz
Auto
Man
Freq Offset 0 Hz

## Duty Cycle\_11N40SISO\_2437\_Ant1



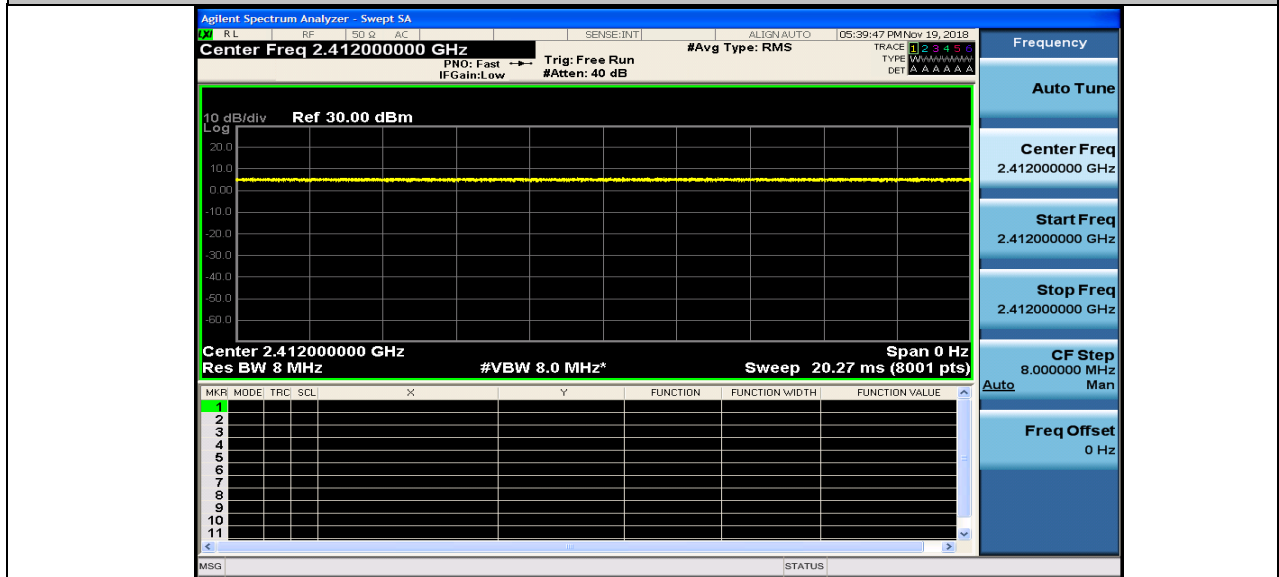
Frequency
Auto Tune
Center Freq 2.437000000 GHz
Start Freq 2.437000000 GHz
Stop Freq 2.437000000 GHz
CF Step 8.000000 MHz
Auto
Man
Freq Offset 0 Hz

## Duty Cycle\_11N40SISO\_2452\_Ant1

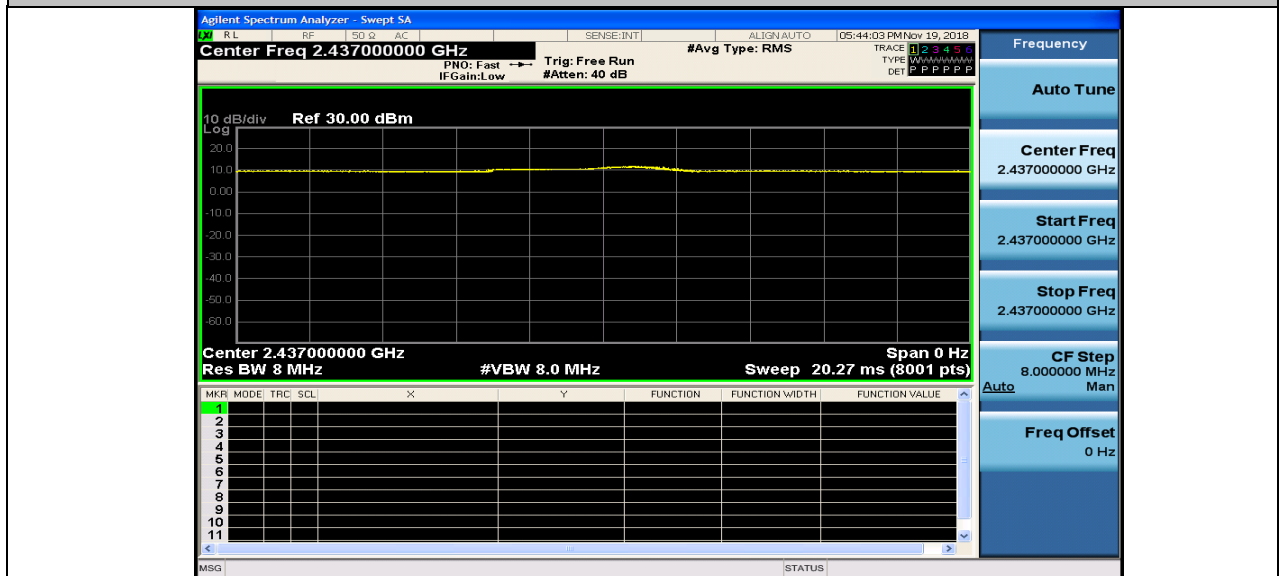


Frequency
Auto Tune
Center Freq 2.452000000 GHz
Start Freq 2.452000000 GHz
Stop Freq 2.452000000 GHz
CF Step 8.000000 MHz
Auto
Man
Freq Offset 0 Hz

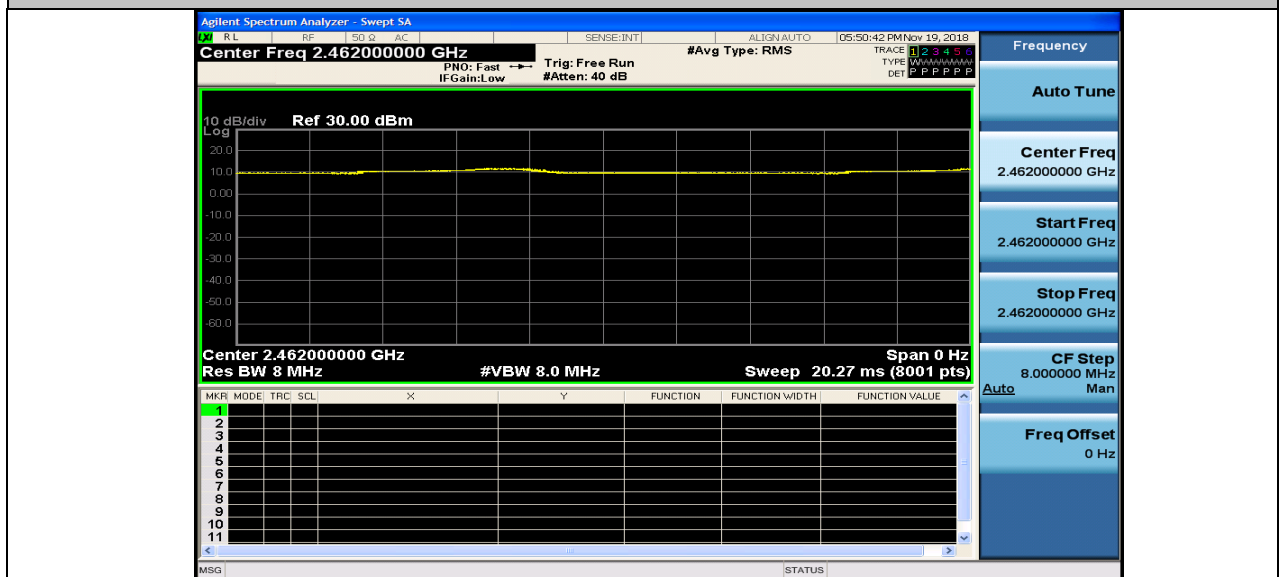
## Duty Cycle\_11B\_2412\_Ant2



## Duty Cycle\_11B\_2437\_Ant2

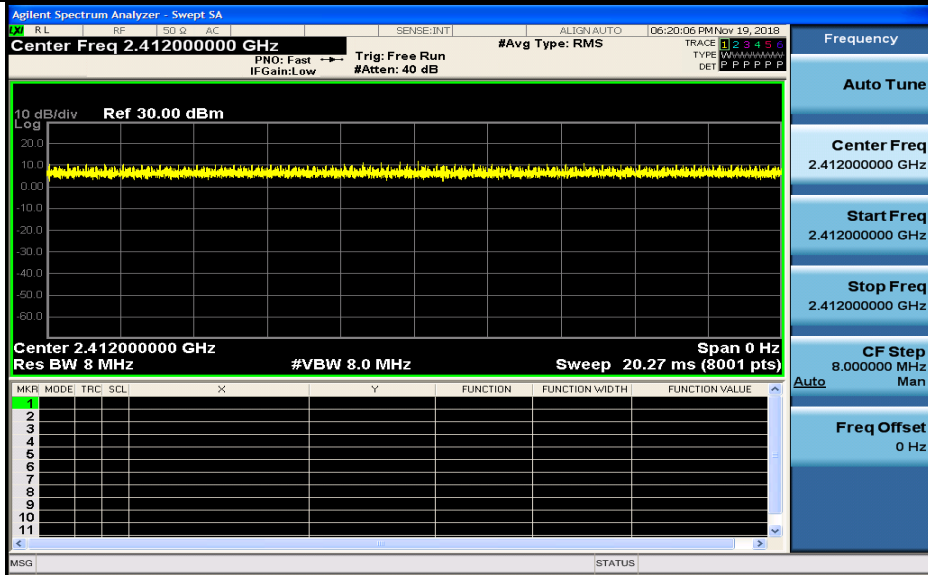


## Duty Cycle\_11B\_2462\_Ant2



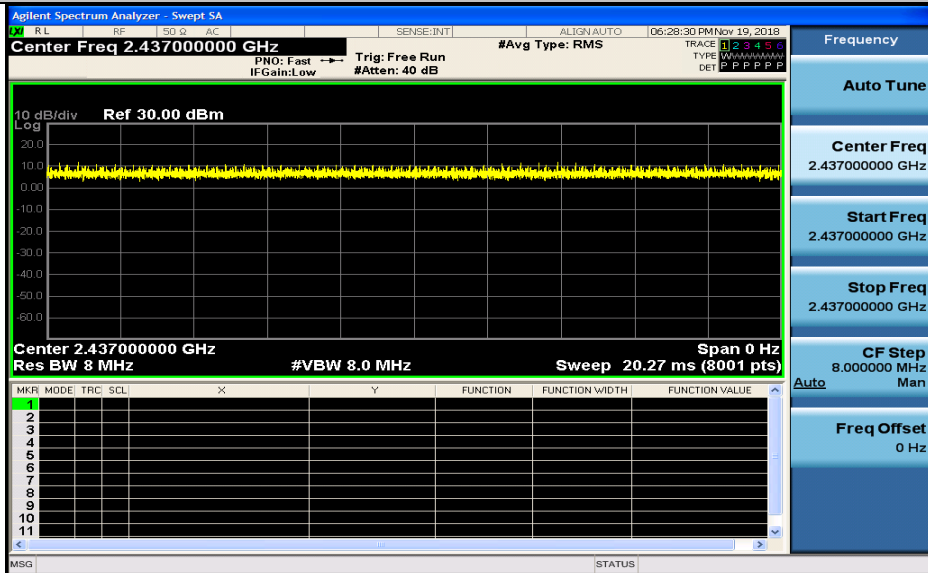


Duty Cycle\_11N20SISO\_2412\_Ant2



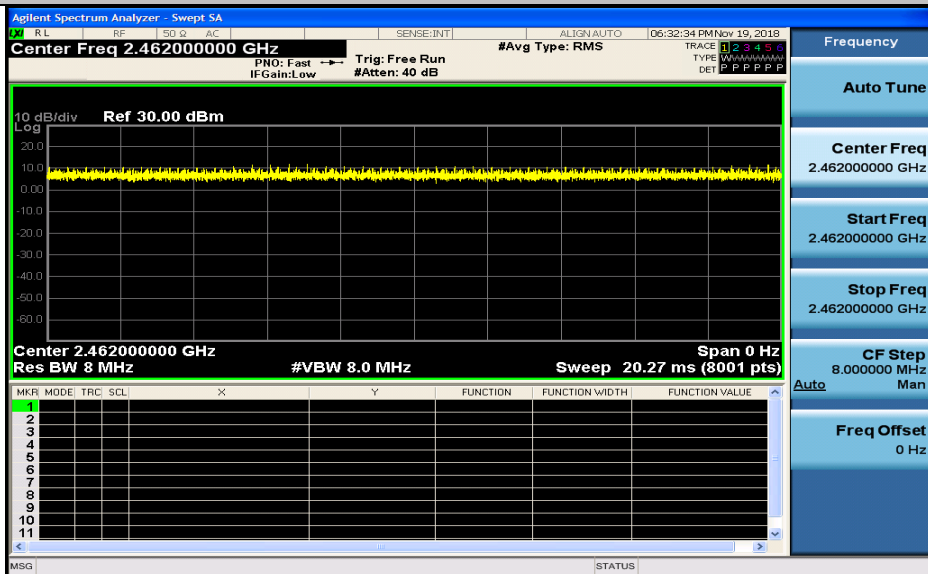
Frequency
Auto Tune
Center Freq 2.412000000 GHz
Start Freq 2.412000000 GHz
Stop Freq 2.412000000 GHz
CF Step 8.000000 MHz
Auto Man
Freq Offset 0 Hz

Duty Cycle\_11N20SISO\_2437\_Ant2



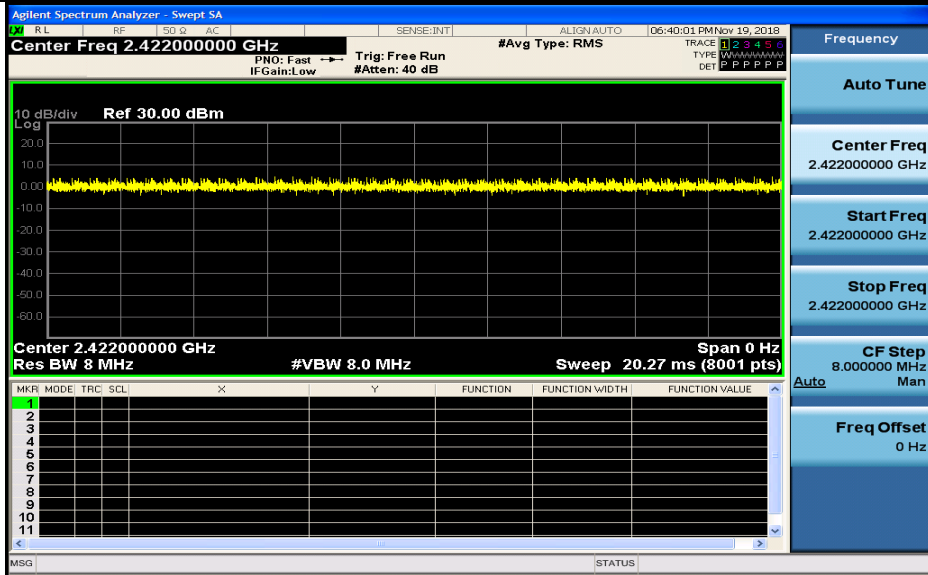
Frequency
Auto Tune
Center Freq 2.437000000 GHz
Start Freq 2.437000000 GHz
Stop Freq 2.437000000 GHz
CF Step 8.000000 MHz
Auto Man
Freq Offset 0 Hz

Duty Cycle\_11N20SISO\_2462\_Ant2



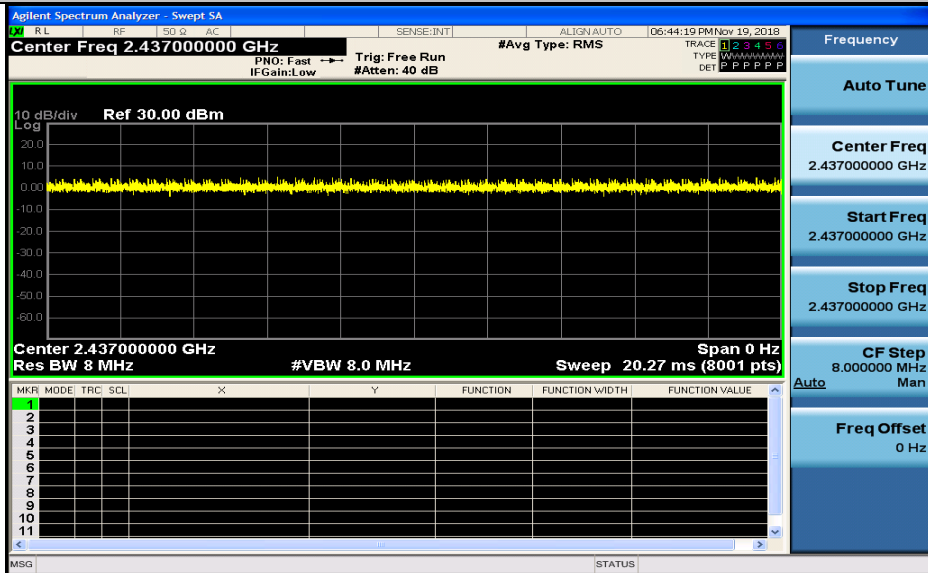
Frequency
Auto Tune
Center Freq 2.462000000 GHz
Start Freq 2.462000000 GHz
Stop Freq 2.462000000 GHz
CF Step 8.000000 MHz
Auto Man
Freq Offset 0 Hz

Duty Cycle\_11N40SISO\_2422\_Ant2



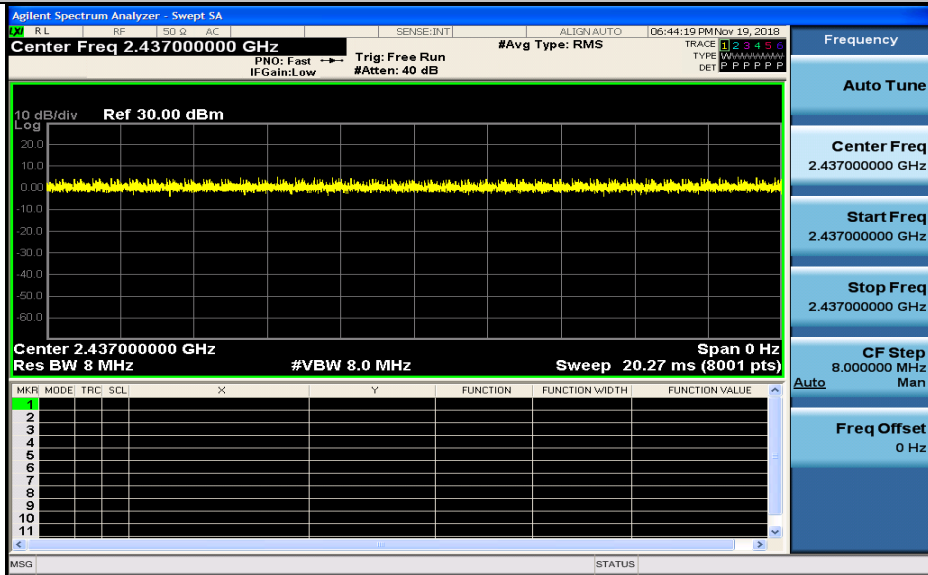
Frequency
Auto Tune
Center Freq 2.422000000 GHz
Start Freq 2.422000000 GHz
Stop Freq 2.422000000 GHz
CF Step 8.000000 MHz
Auto Man
Freq Offset 0 Hz

Duty Cycle\_11N40SISO\_2437\_Ant2



Frequency
Auto Tune
Center Freq 2.437000000 GHz
Start Freq 2.437000000 GHz
Stop Freq 2.437000000 GHz
CF Step 8.000000 MHz
Auto Man
Freq Offset 0 Hz

Duty Cycle\_11N40SISO\_2452\_Ant2



Frequency
Auto Tune
Center Freq 2.437000000 GHz
Start Freq 2.437000000 GHz
Stop Freq 2.437000000 GHz
CF Step 8.000000 MHz
Auto Man
Freq Offset 0 Hz



**SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.**