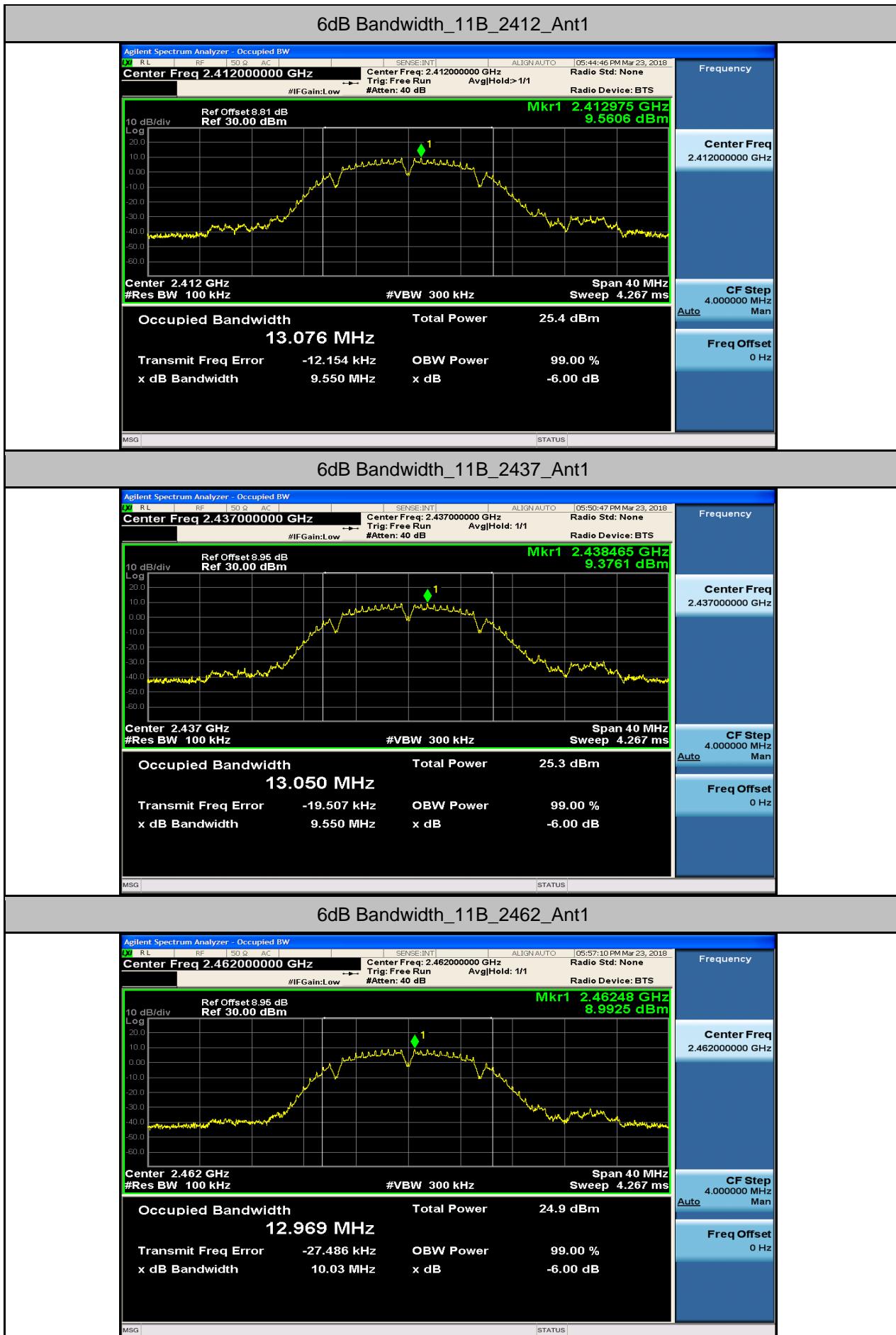
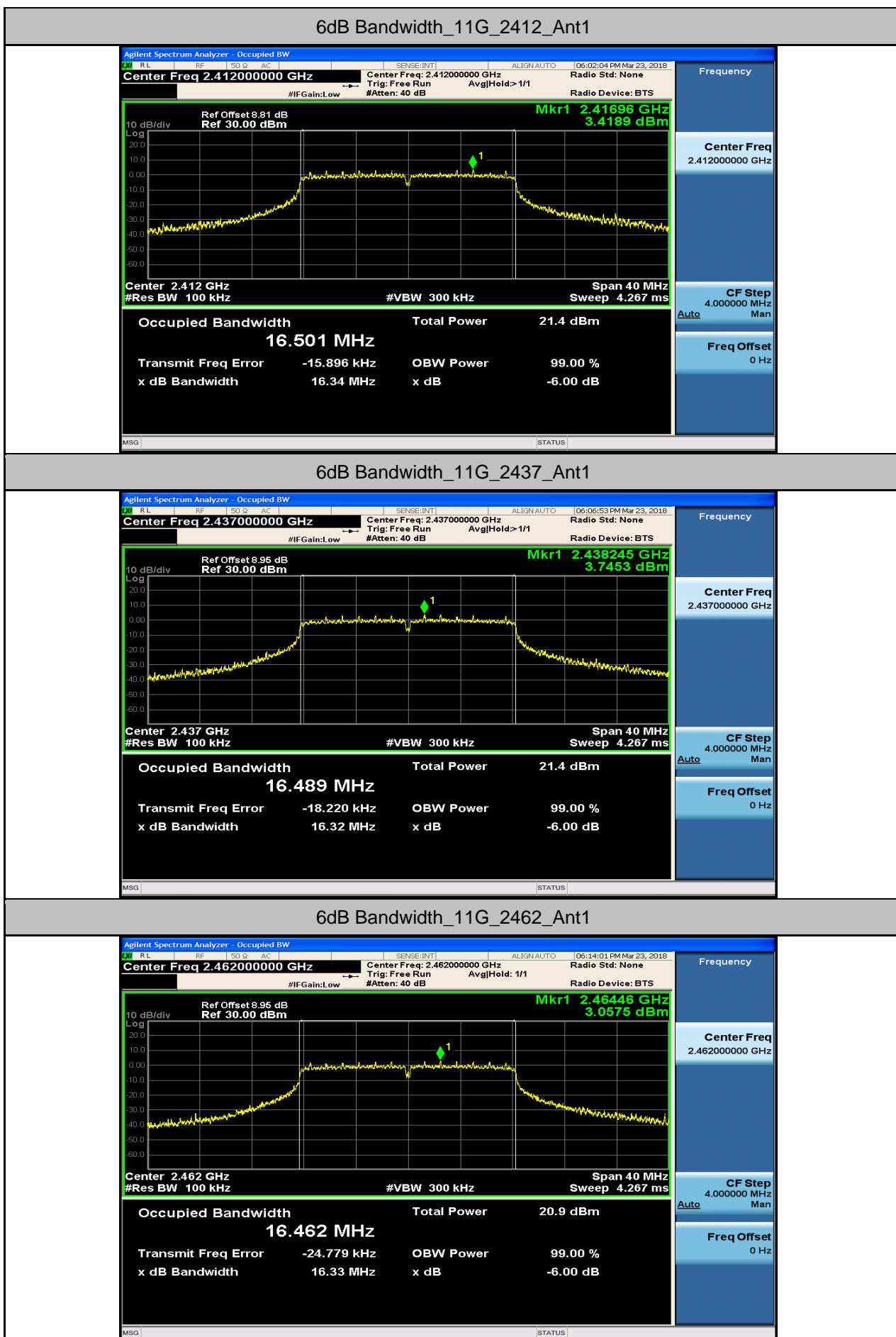
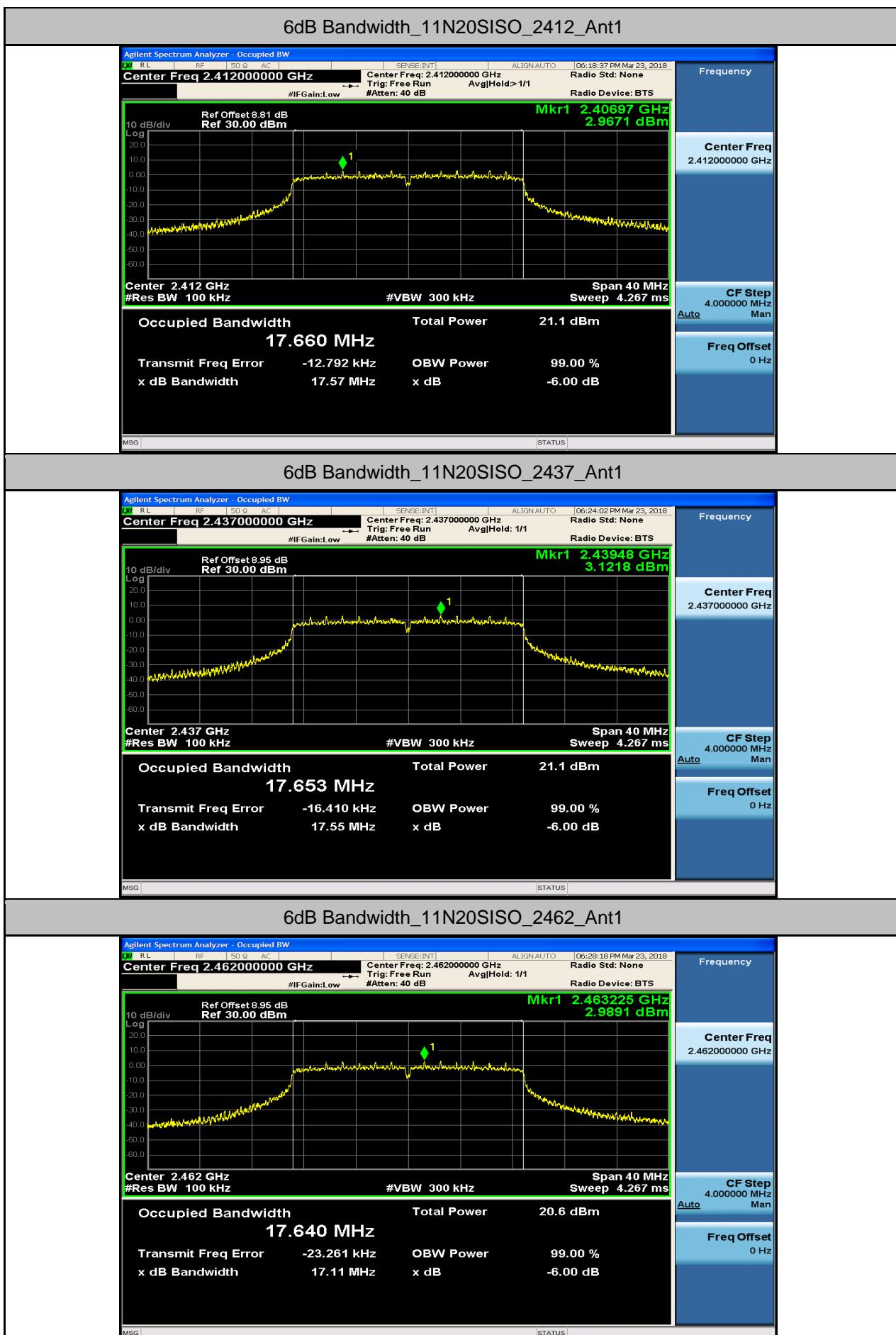


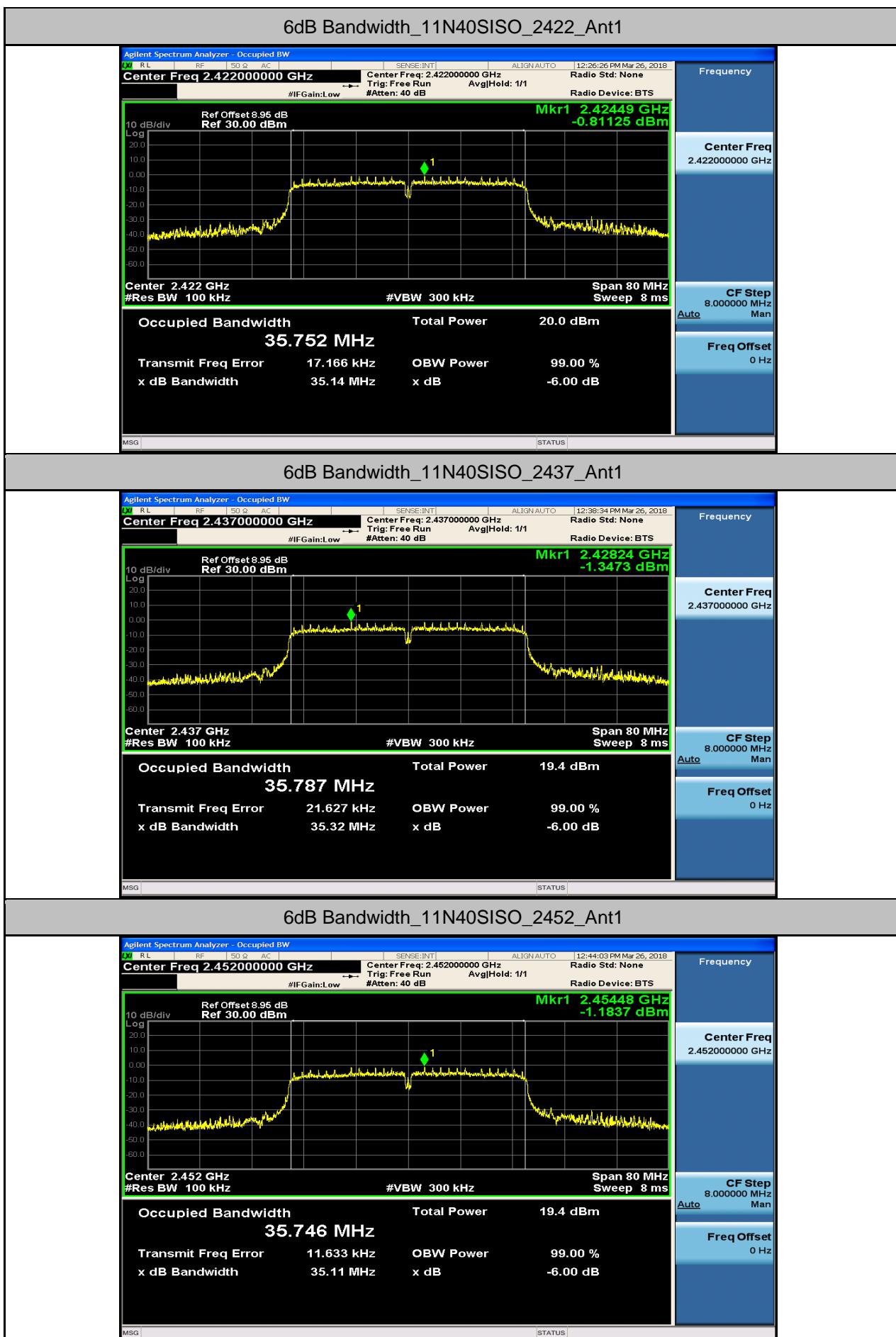
**Appendix 15.247****1.6dB Bandwidth**

Test Mode	Test Channel	Ant	EBW[MHz]	Limit	Verdict
11B	2412	Ant1	9.55	0.5	PASS
11B	2437	Ant1	9.55	0.5	PASS
11B	2462	Ant1	10.03	0.5	PASS
11G	2412	Ant1	16.34	0.5	PASS
11G	2437	Ant1	16.32	0.5	PASS
11G	2462	Ant1	16.33	0.5	PASS
11N20SISO	2412	Ant1	17.57	0.5	PASS
11N20SISO	2437	Ant1	17.55	0.5	PASS
11N20SISO	2462	Ant1	17.11	0.5	PASS
11N40SISO	2422	Ant1	35.14	0.5	PASS
11N40SISO	2437	Ant1	35.32	0.5	PASS
11N40SISO	2452	Ant1	35.11	0.5	PASS





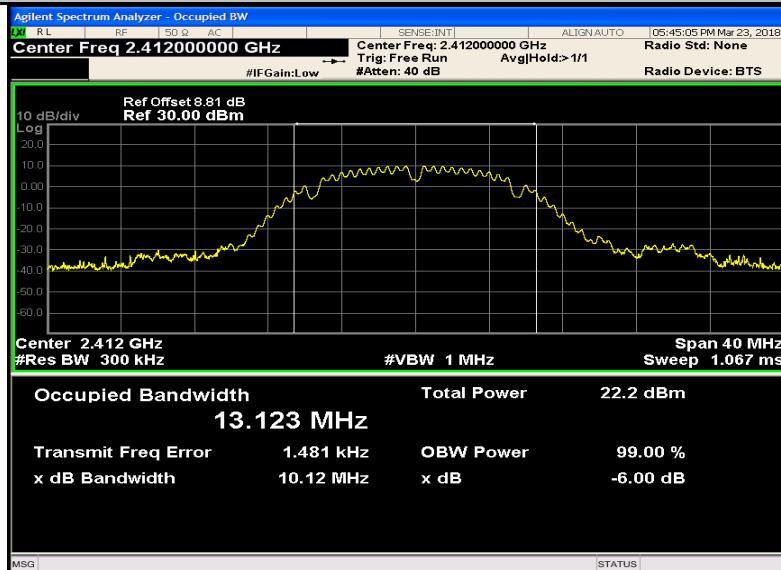




**2.Occupied Bandwidth**

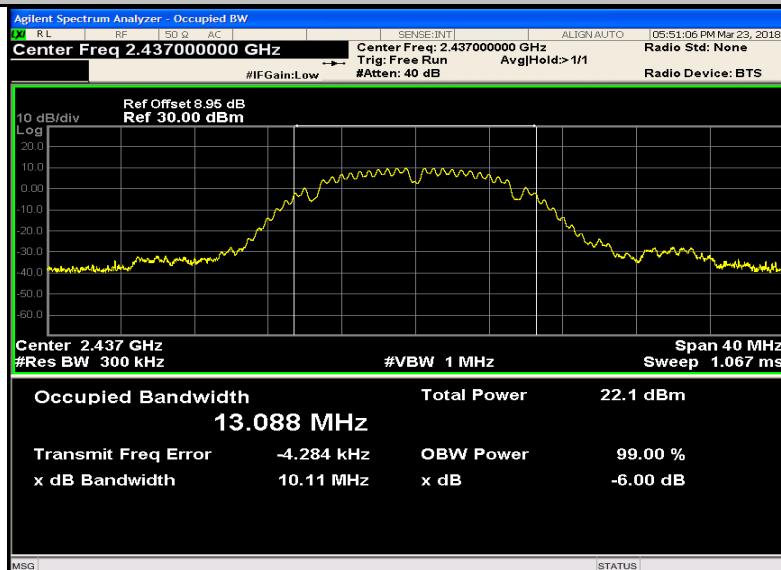
Test Mode	Test Channel	Ant	OBW[MHz]	Limit[MHz]	Verdict
11B	2412	Ant1	13.12	---	PASS
11B	2437	Ant1	13.09	---	PASS
11B	2462	Ant1	13.03	---	PASS
11G	2412	Ant1	16.96	---	PASS
11G	2437	Ant1	16.98	---	PASS
11G	2462	Ant1	16.89	---	PASS
11N20SISO	2412	Ant1	18.04	---	PASS
11N20SISO	2437	Ant1	18.01	---	PASS
11N20SISO	2462	Ant1	18.01	---	PASS
11N40SISO	2422	Ant1	36.18	---	PASS
11N40SISO	2437	Ant1	36.18	---	PASS
11N40SISO	2452	Ant1	36.13	---	PASS

## Occupied Bandwidth\_11B\_2412



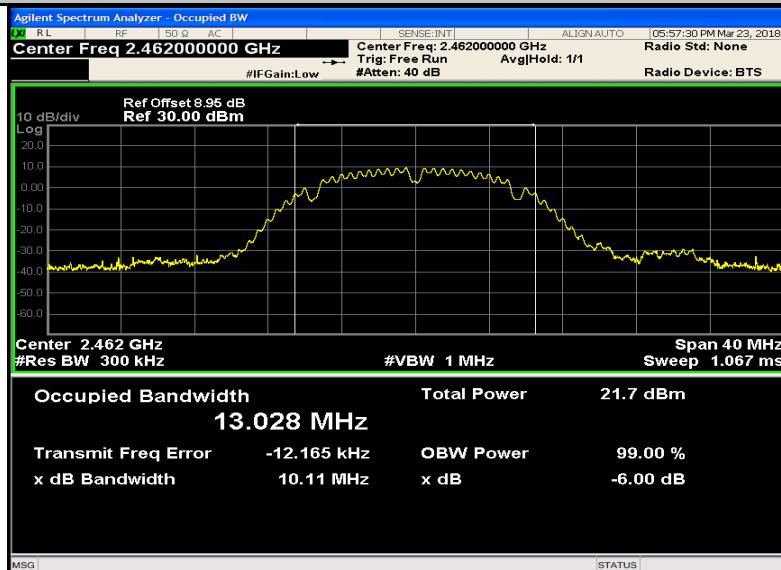
Frequency  
Center Freq 2.412000000 GHz  
CF Step 4.000000 MHz Man  
Auto  
Freq Offset 0 Hz

## Occupied Bandwidth\_11B\_2437



Frequency  
Center Freq 2.437000000 GHz  
CF Step 4.000000 MHz Man  
Auto  
Freq Offset 0 Hz

## Occupied Bandwidth\_11B\_2462



Frequency  
Center Freq 2.462000000 GHz  
CF Step 4.000000 MHz Man  
Auto  
Freq Offset 0 Hz

## Occupied Bandwidth\_11G\_2412



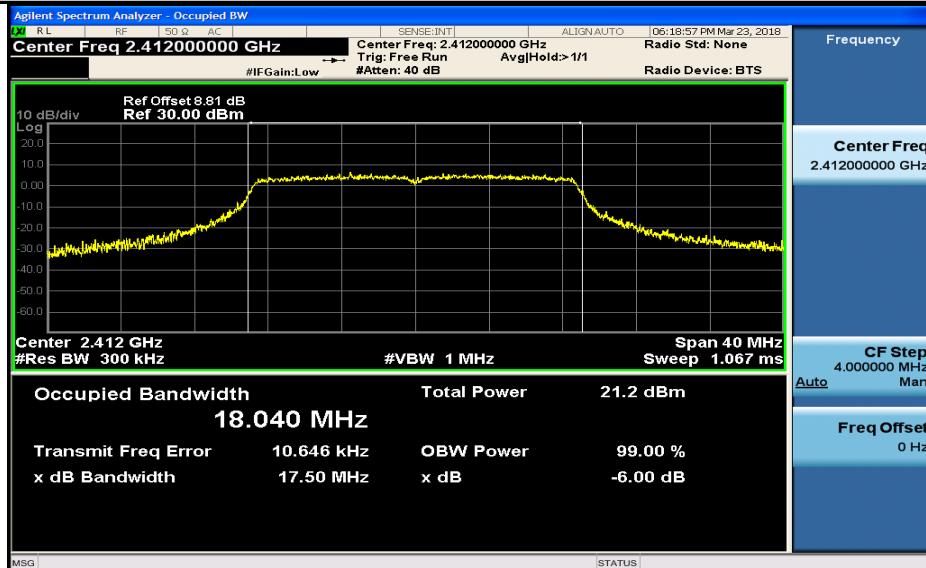
## Occupied Bandwidth\_11G\_2437



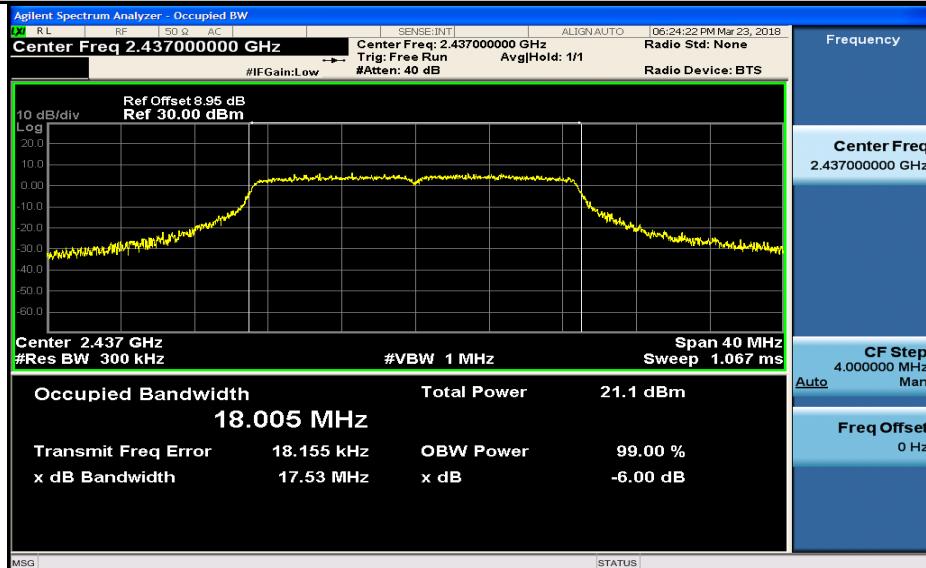
## Occupied Bandwidth\_11G\_2462



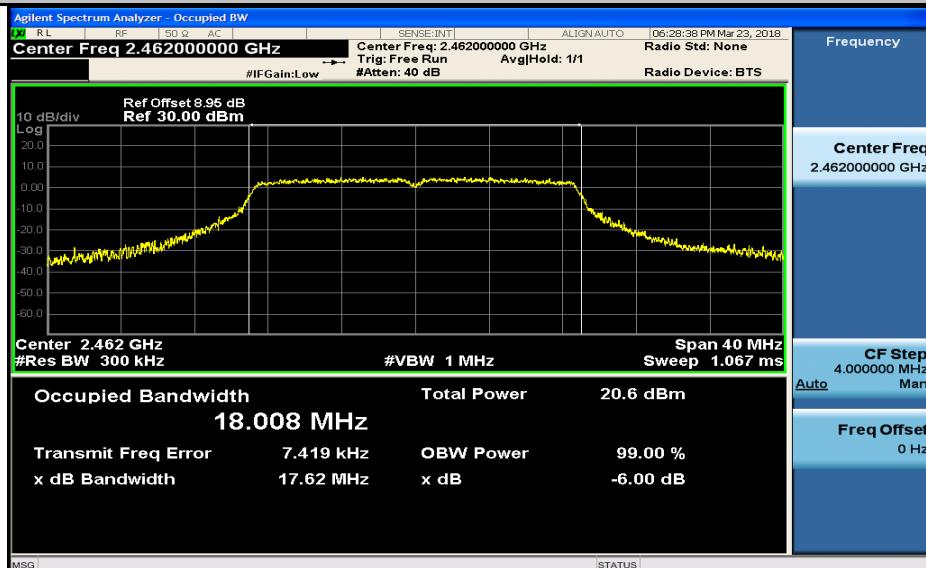
## Occupied Bandwidth\_11N20SISO\_2412



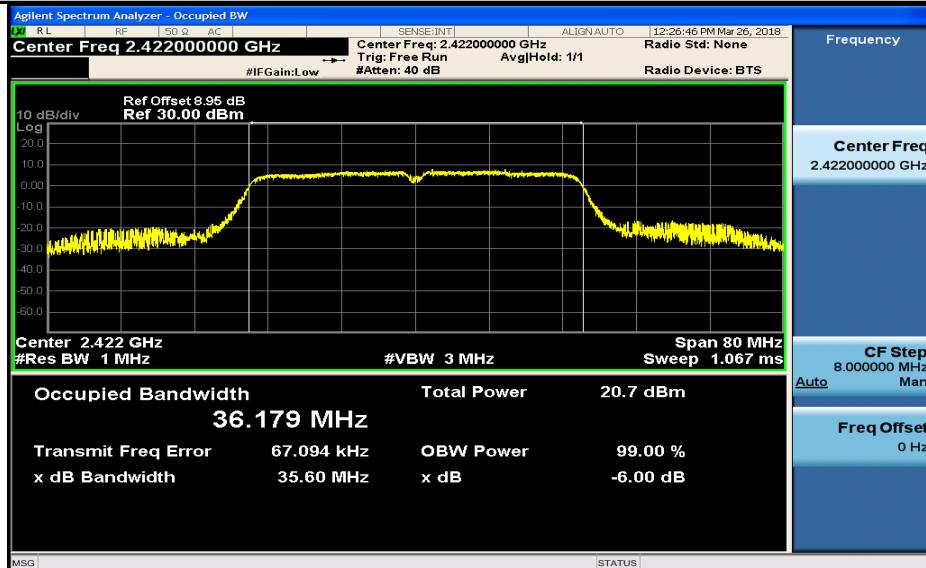
## Occupied Bandwidth\_11N20SISO\_2437



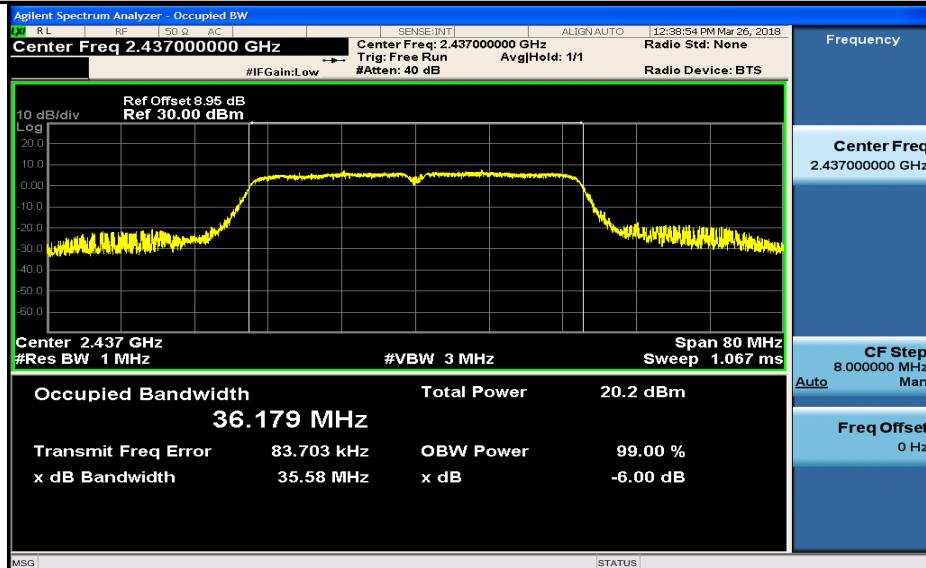
## Occupied Bandwidth\_11N20SISO\_2462



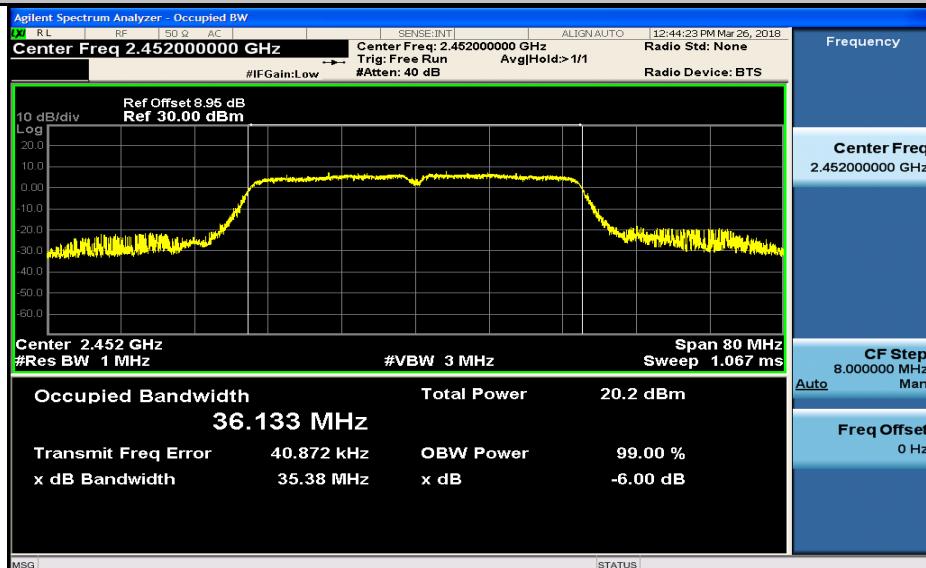
## Occupied Bandwidth\_11N40SISO\_2422



## Occupied Bandwidth\_11N40SISO\_2437



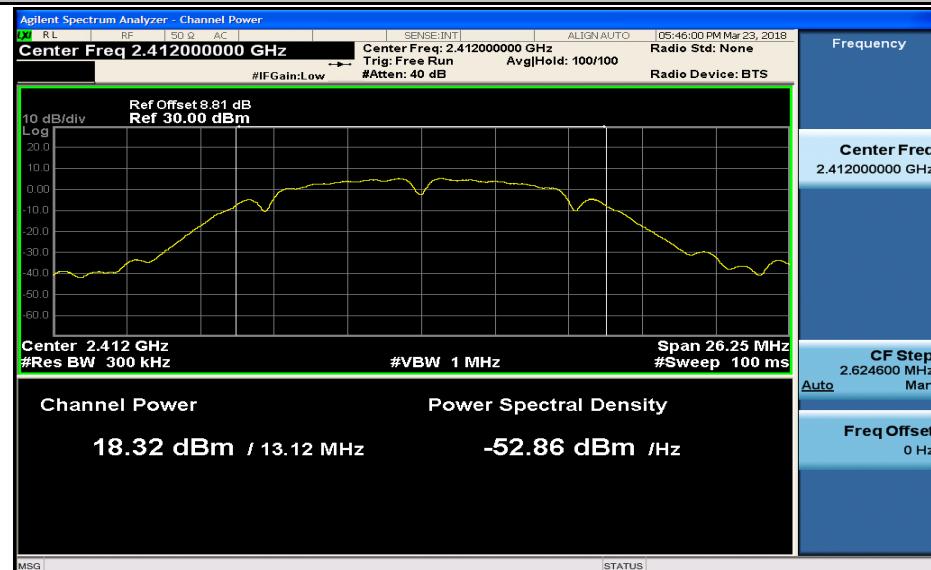
## Occupied Bandwidth\_11N40SISO\_2452



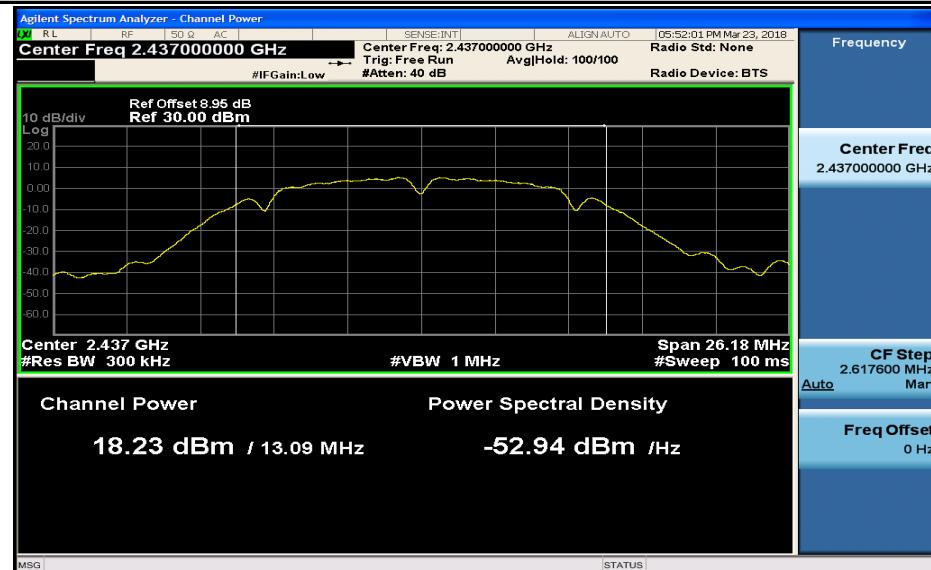
**3. Maximum conducted (average) output power**

Test Mode	Test Channel	Ant	Level [dBm]	10log(1/x) Factor[dB]	Power [dBm]	Limit [dBm]	Verdict
11B	2412	Ant1	18.32	0.13	18.45	30	PASS
11B	2437	Ant1	18.23	0.13	18.36	30	PASS
11B	2462	Ant1	17.83	0.13	17.97	30	PASS
11G	2412	Ant1	14.87	0.25	15.12	30	PASS
11G	2437	Ant1	14.79	0.25	15.03	30	PASS
11G	2462	Ant1	14.33	0.25	14.57	30	PASS
11N20SISO	2412	Ant1	14.49	0.30	14.79	30	PASS
11N20SISO	2437	Ant1	14.39	0.30	14.69	30	PASS
11N20SISO	2462	Ant1	13.92	0.26	14.19	30	PASS
11N40SISO	2422	Ant1	12.88	0.52	13.40	30	PASS
11N40SISO	2437	Ant1	12.36	0.52	12.87	30	PASS
11N40SISO	2452	Ant1	12.32	0.52	12.84	30	PASS

## Maximum conducted (average) output power\_11B\_2412\_Ant1



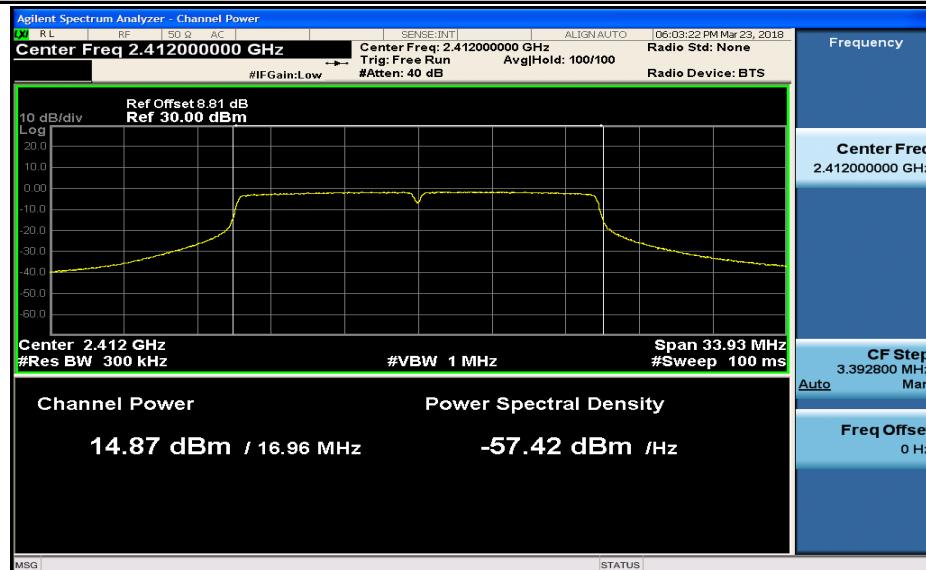
## Maximum conducted (average) output power\_11B\_2437\_Ant1



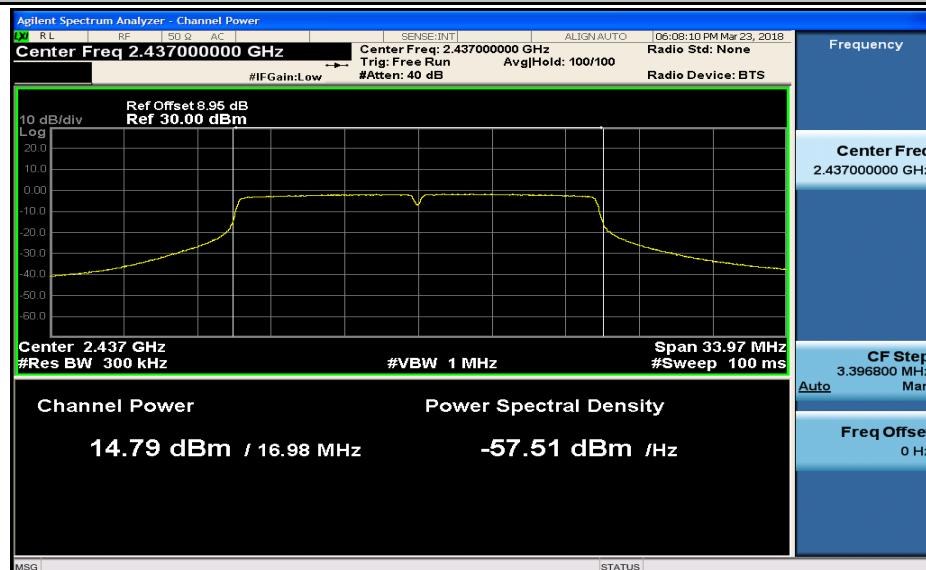
## Maximum conducted (average) output power\_11B\_2462\_Ant1



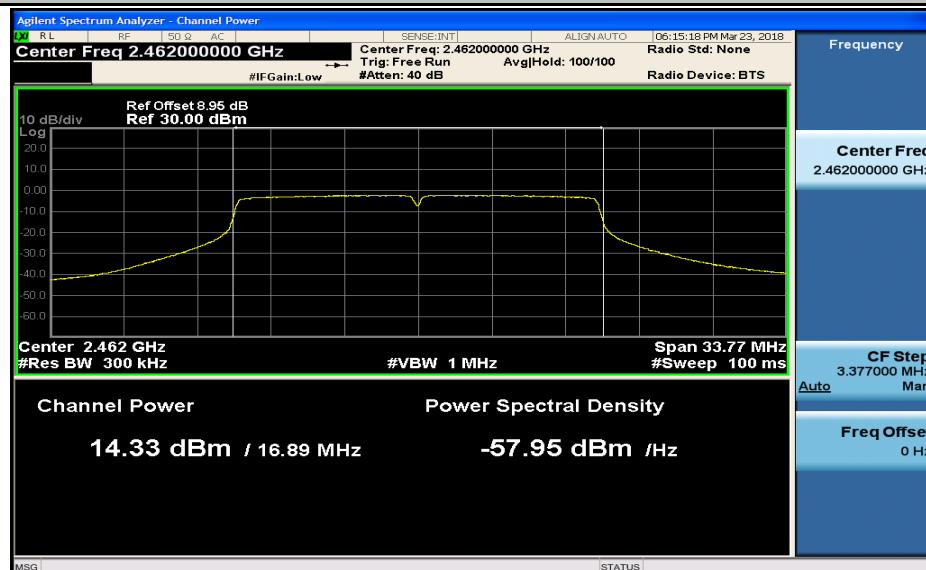
## Maximum conducted (average) output power\_11G\_2412\_Ant1



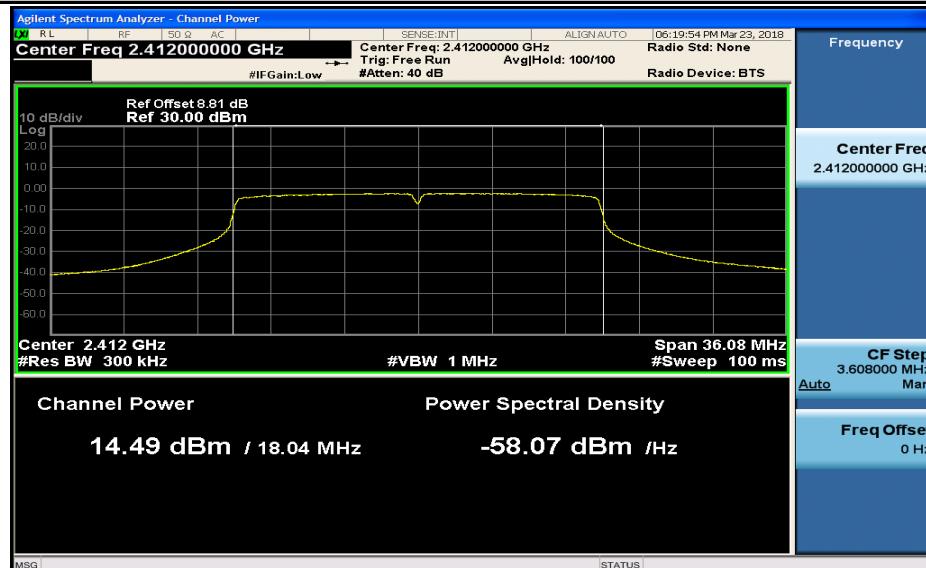
## Maximum conducted (average) output power\_11G\_2437\_Ant1



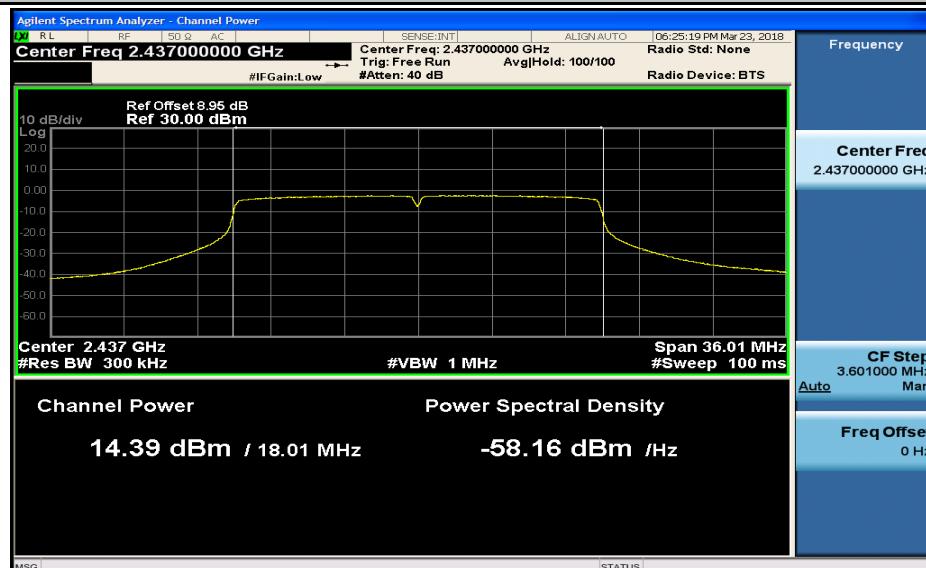
## Maximum conducted (average) output power\_11G\_2462\_Ant1



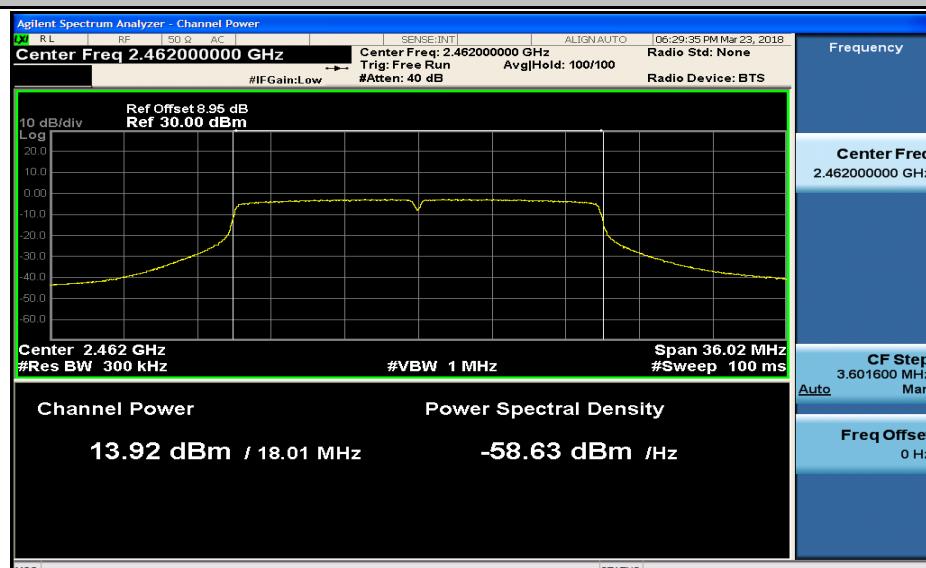
## Maximum conducted (average) output power\_11N20SISO\_2412\_Ant1



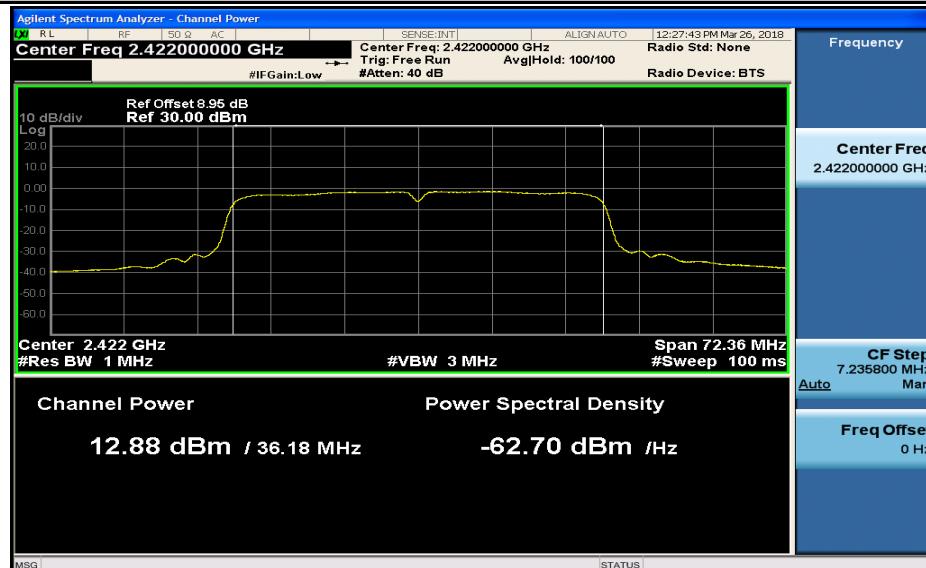
## Maximum conducted (average) output power\_11N20SISO\_2437\_Ant1



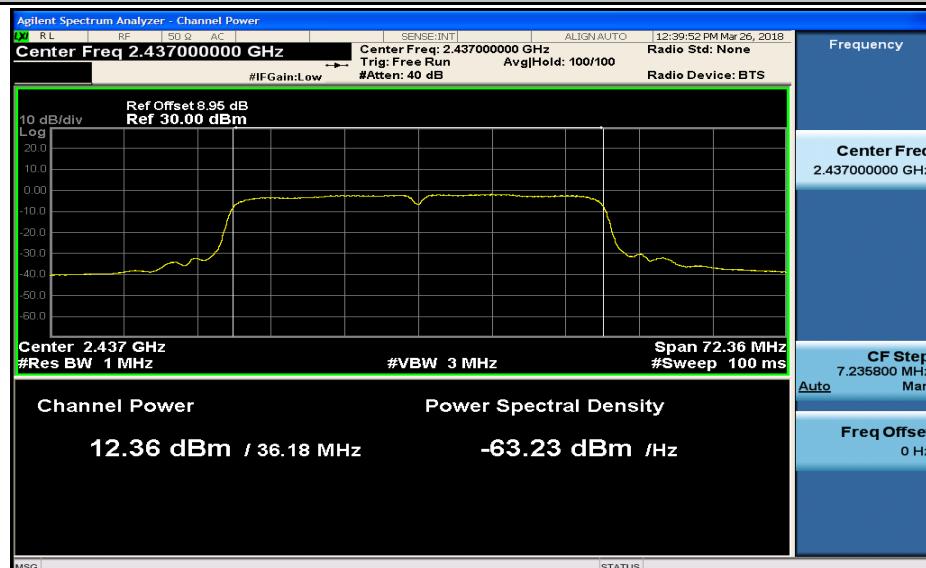
## Maximum conducted (average) output power\_11N20SISO\_2462\_Ant1



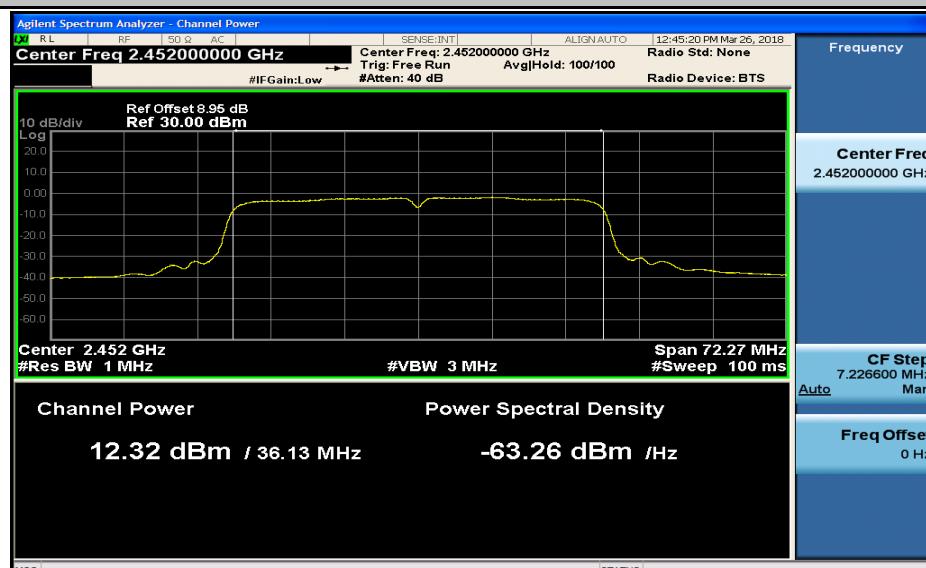
## Maximum conducted (average) output power\_11N40SISO\_2422\_Ant1



## Maximum conducted (average) output power\_11N40SISO\_2437\_Ant1

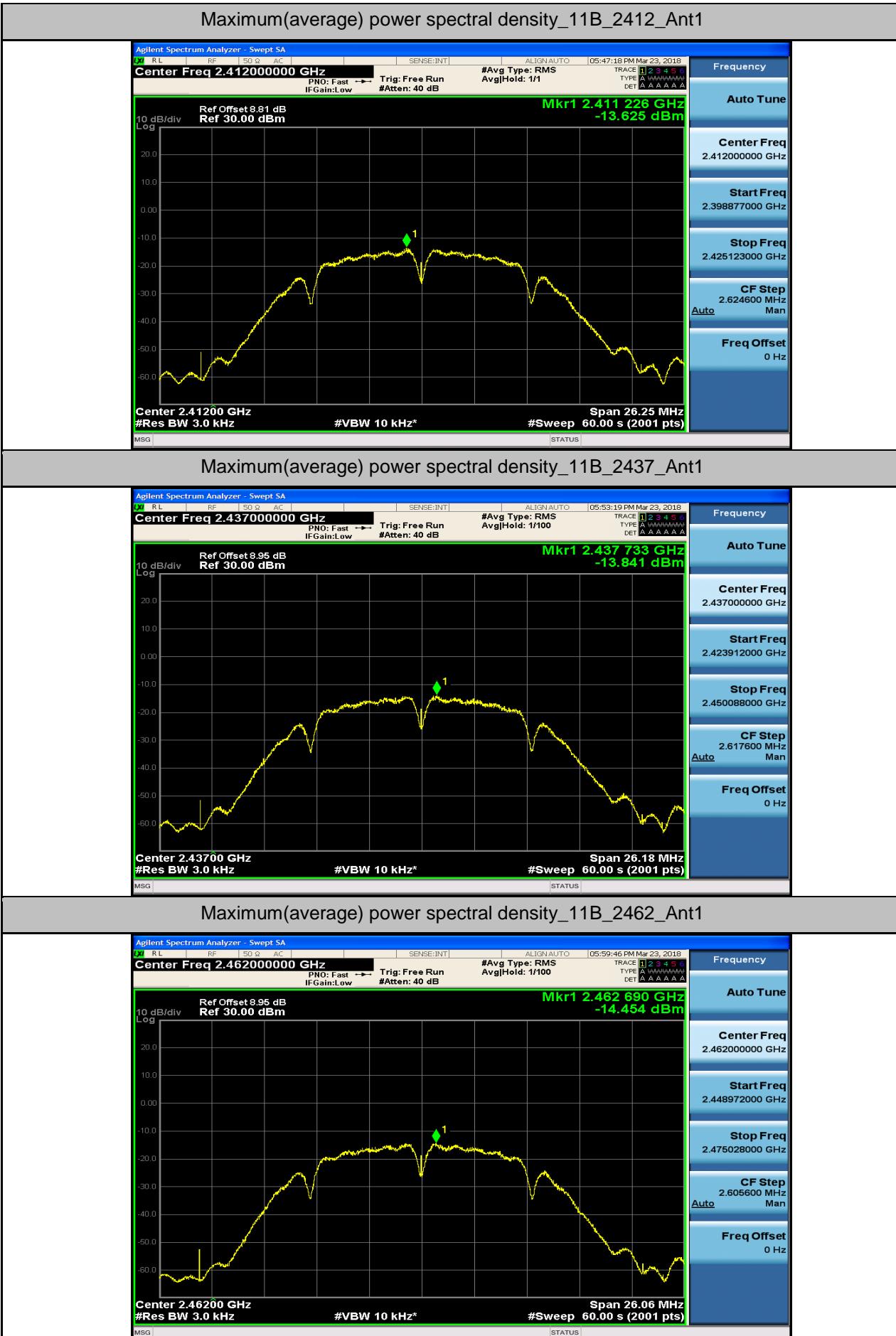


## Maximum conducted (average) output power\_11N40SISO\_2452\_Ant1



**4. Maximum(average) power spectral density**

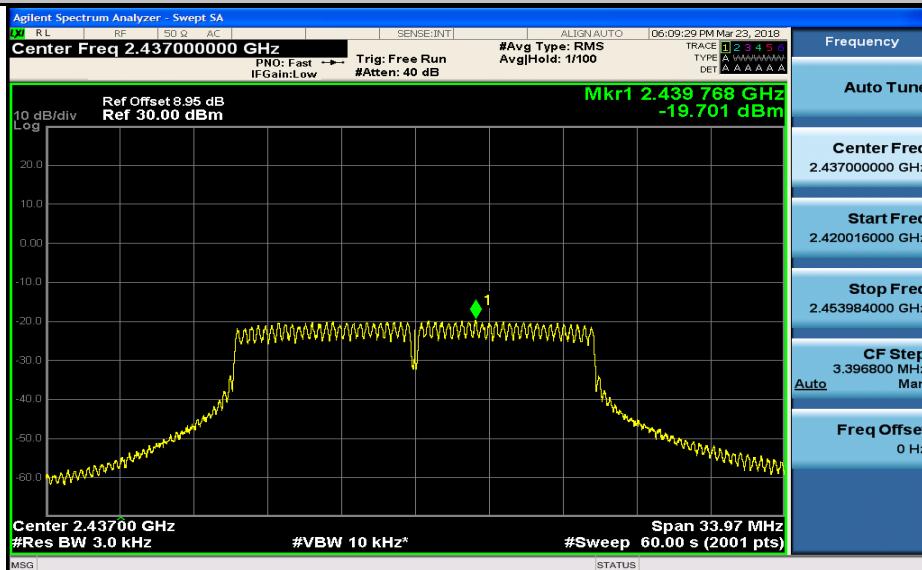
Test Mode	Test Channel	Ant	Level [dBm/3kHz]	10log(1/x) Factor[dB]	PSD[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	2412	Ant1	-13.63	0.13	-13.50	8.00	PASS
11B	2437	Ant1	-13.84	0.13	-13.71	8.00	PASS
11B	2462	Ant1	-14.45	0.13	-14.32	8.00	PASS
11G	2412	Ant1	-19.64	0.25	-19.39	8.00	PASS
11G	2437	Ant1	-19.70	0.25	-19.45	8.00	PASS
11G	2462	Ant1	-20.08	0.25	-19.83	8.00	PASS
11N20SISO	2412	Ant1	-19.98	0.30	-19.68	8.00	PASS
11N20SISO	2437	Ant1	-20.53	0.30	-20.23	8.00	PASS
11N20SISO	2462	Ant1	-20.66	0.26	-20.40	8.00	PASS
11N40SISO	2422	Ant1	-24.21	0.52	-23.69	8.00	PASS
11N40SISO	2437	Ant1	-24.41	0.52	-23.89	8.00	PASS
11N40SISO	2452	Ant1	-24.68	0.52	-24.16	8.00	PASS



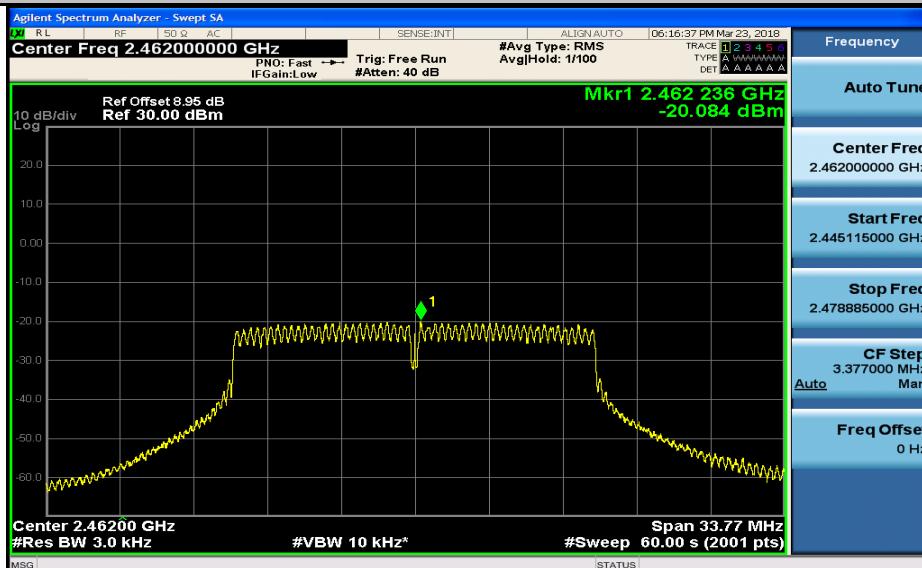
## Maximum(average) power spectral density\_11G\_2412\_Ant1



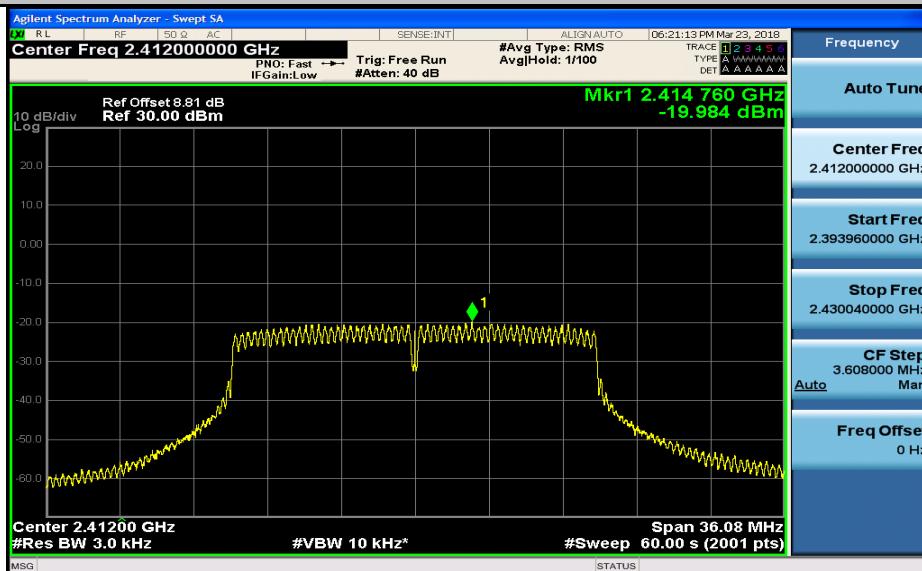
## Maximum(average) power spectral density\_11G\_2437\_Ant1



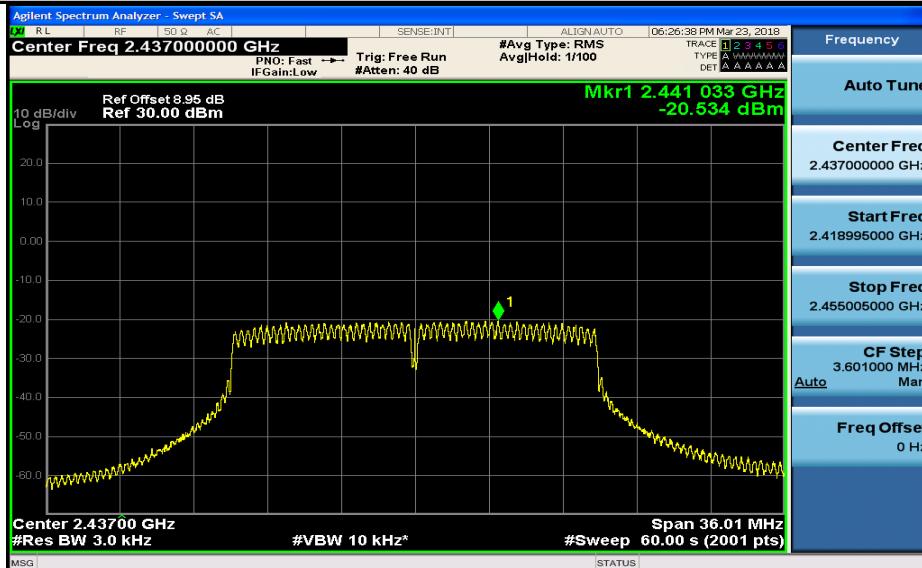
## Maximum(average) power spectral density\_11G\_2462\_Ant1



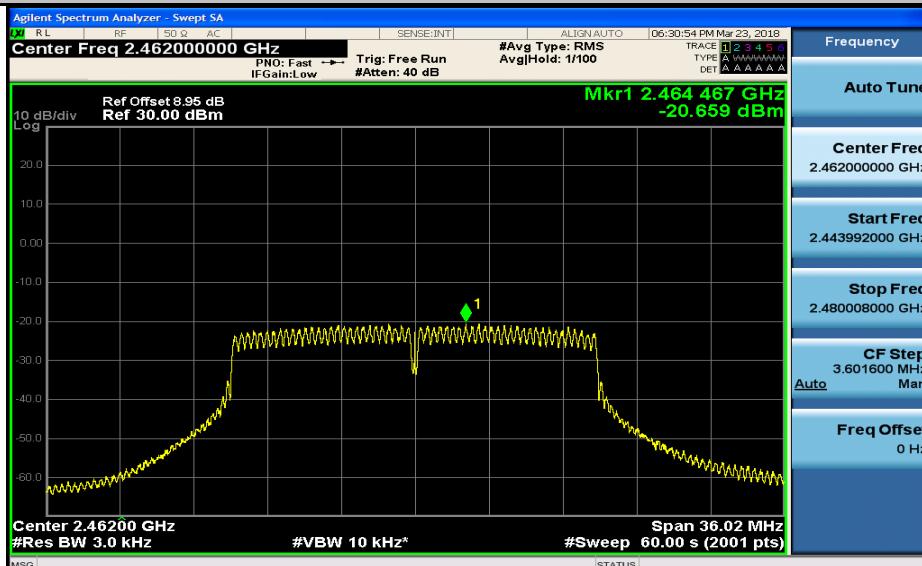
## Maximum(average) power spectral density\_11N20SISO\_2412\_Ant1



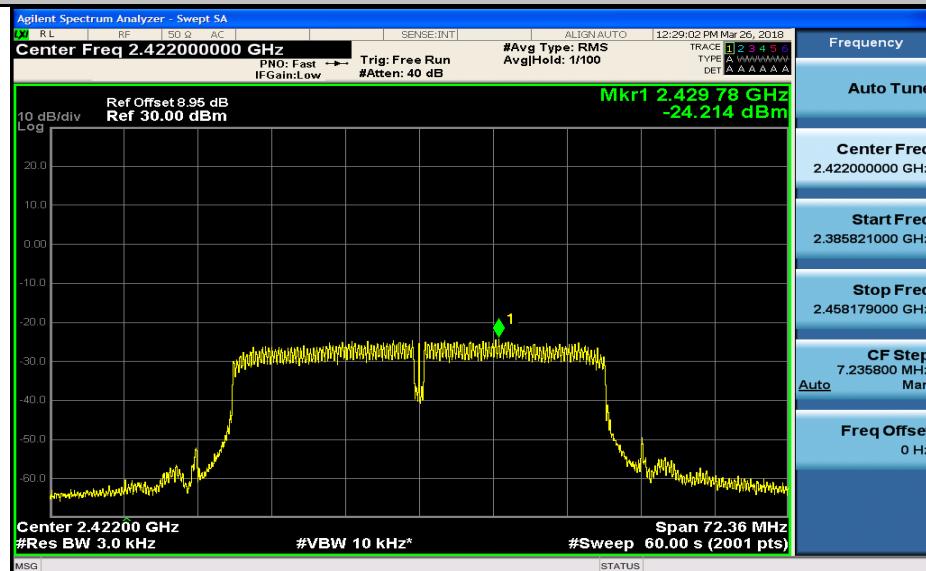
## Maximum(average) power spectral density\_11N20SISO\_2437\_Ant1



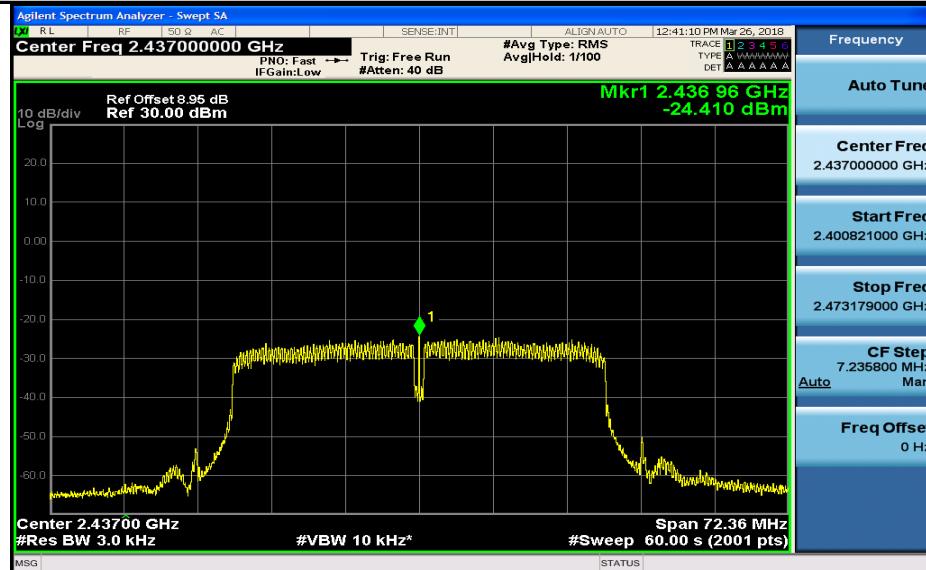
## Maximum(average) power spectral density\_11N20SISO\_2462\_Ant1



## Maximum(average) power spectral density\_11N40SISO\_2422\_Ant1



## Maximum(average) power spectral density\_11N40SISO\_2437\_Ant1



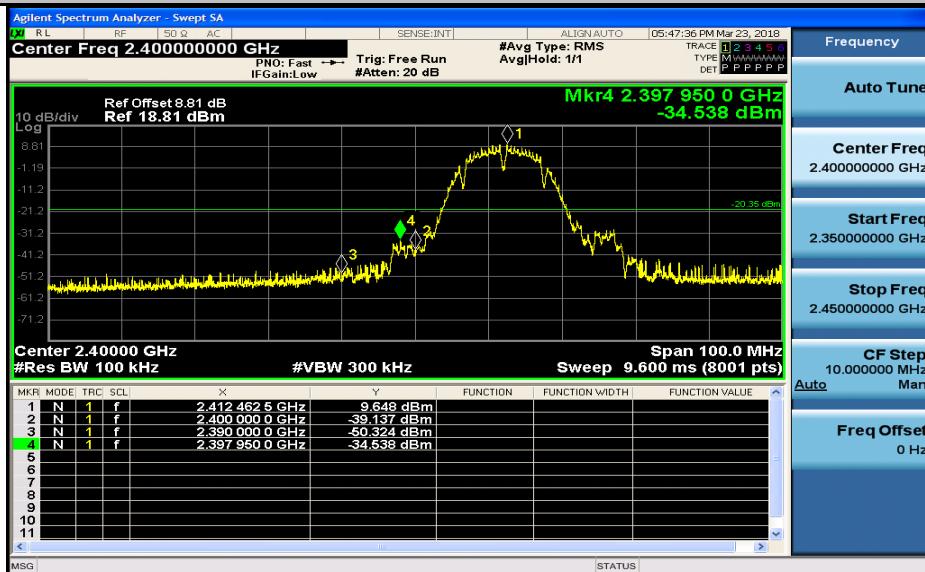
## Maximum(average) power spectral density\_11N40SISO\_2452\_Ant1



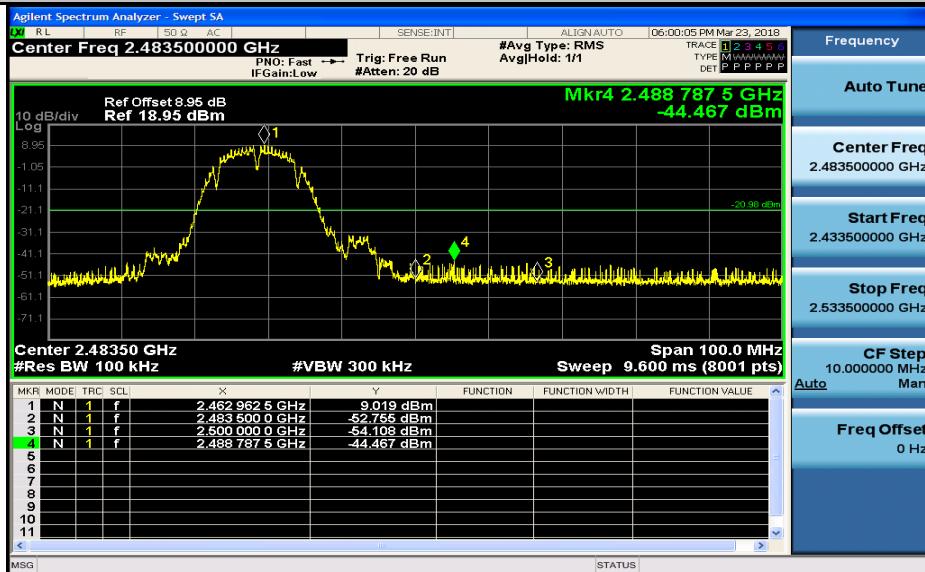
**5.Band-edge for RF Conducted Emissions**

Test Mode	Test Channel	Ant	Carrier Power[dBm]	Max. Spurious Level [dBm]	Limit [dBm]	Verdict
11B	2412	Ant1	9.65	-34.54	-20.35	PASS
11B	2462	Ant1	9.02	-44.47	-20.98	PASS
11G	2412	Ant1	3.65	-26.42	-26.35	PASS
11G	2462	Ant1	2.88	-39.45	-27.12	PASS
11N20SISO	2412	Ant1	3.84	-26.79	-26.16	PASS
11N20SISO	2462	Ant1	3.32	-39.45	-26.68	PASS
11N40SISO	2422	Ant1	-0.88	-32.04	-30.88	PASS
11N40SISO	2452	Ant1	-1.20	-34.47	-31.20	PASS

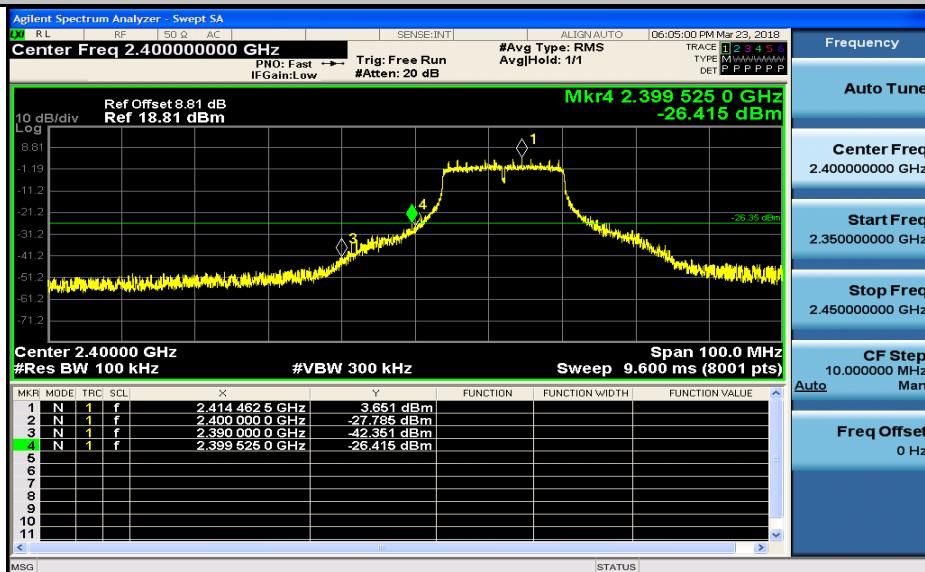
Band-edge for RF Conducted Emissions\_11B\_2412\_Ant1



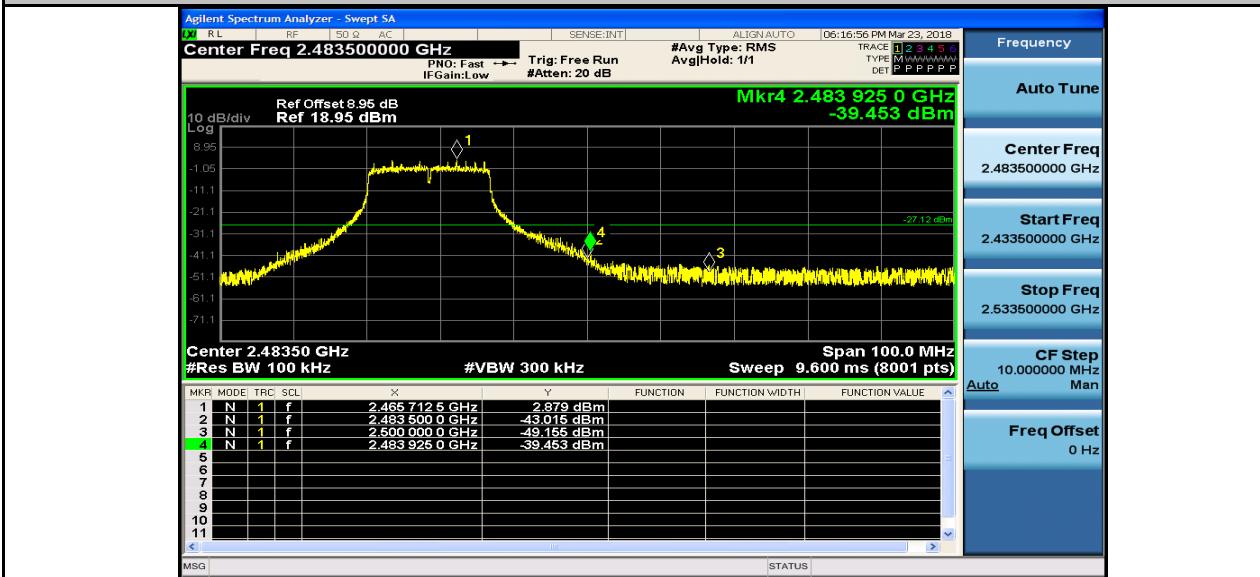
Band-edge for RF Conducted Emissions\_11B\_2462\_Ant1



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



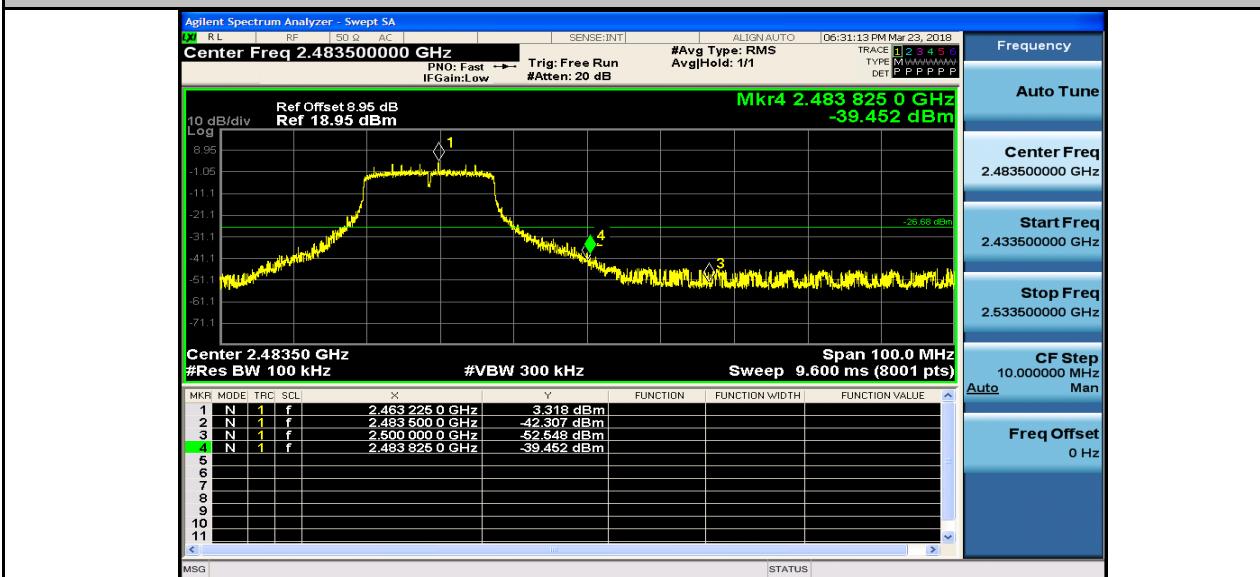
Band-edge for RF Conducted Emissions\_11G\_2462\_Ant1



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



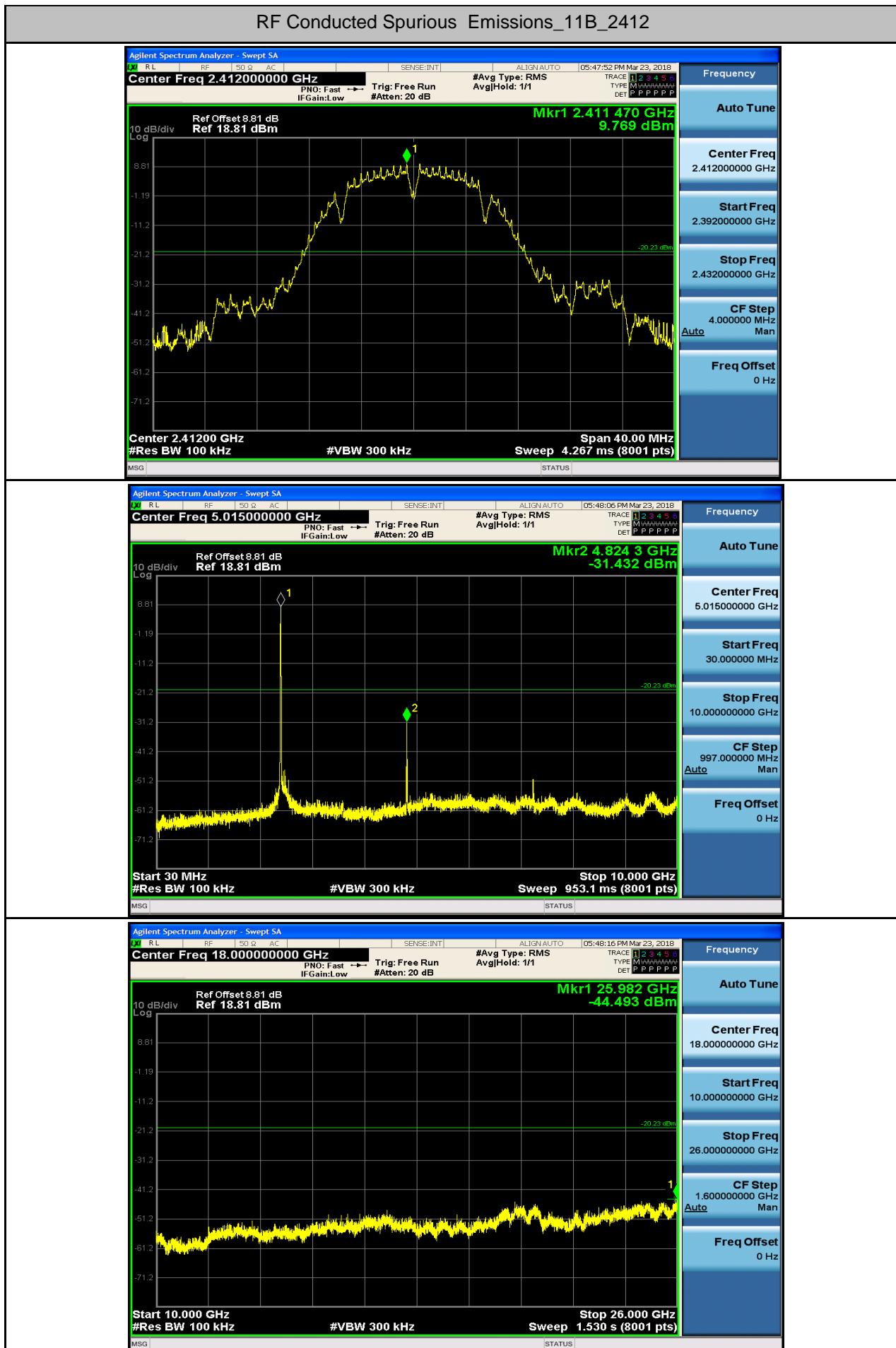


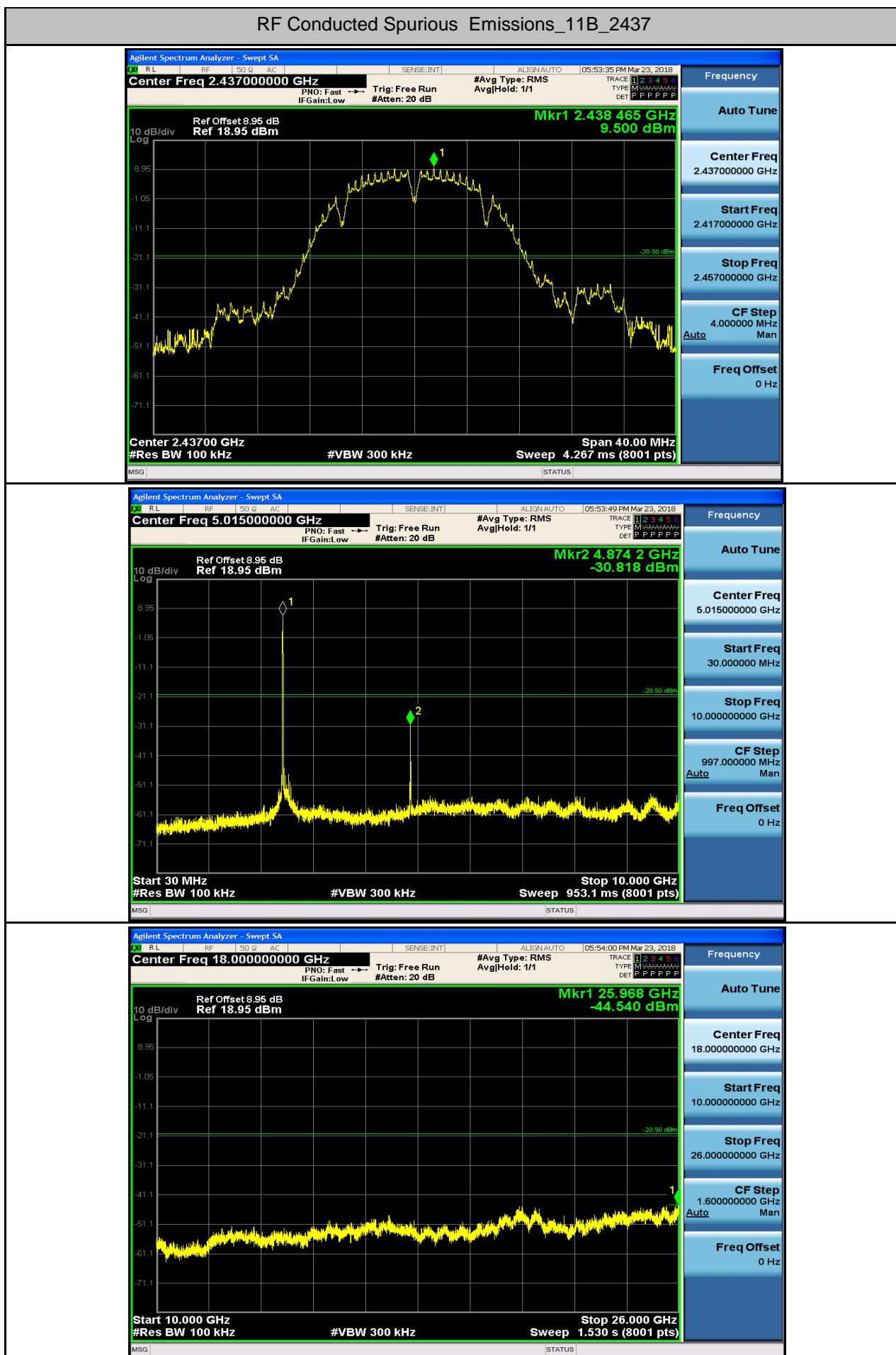
## 6.RF Conducted Spurious Emissions

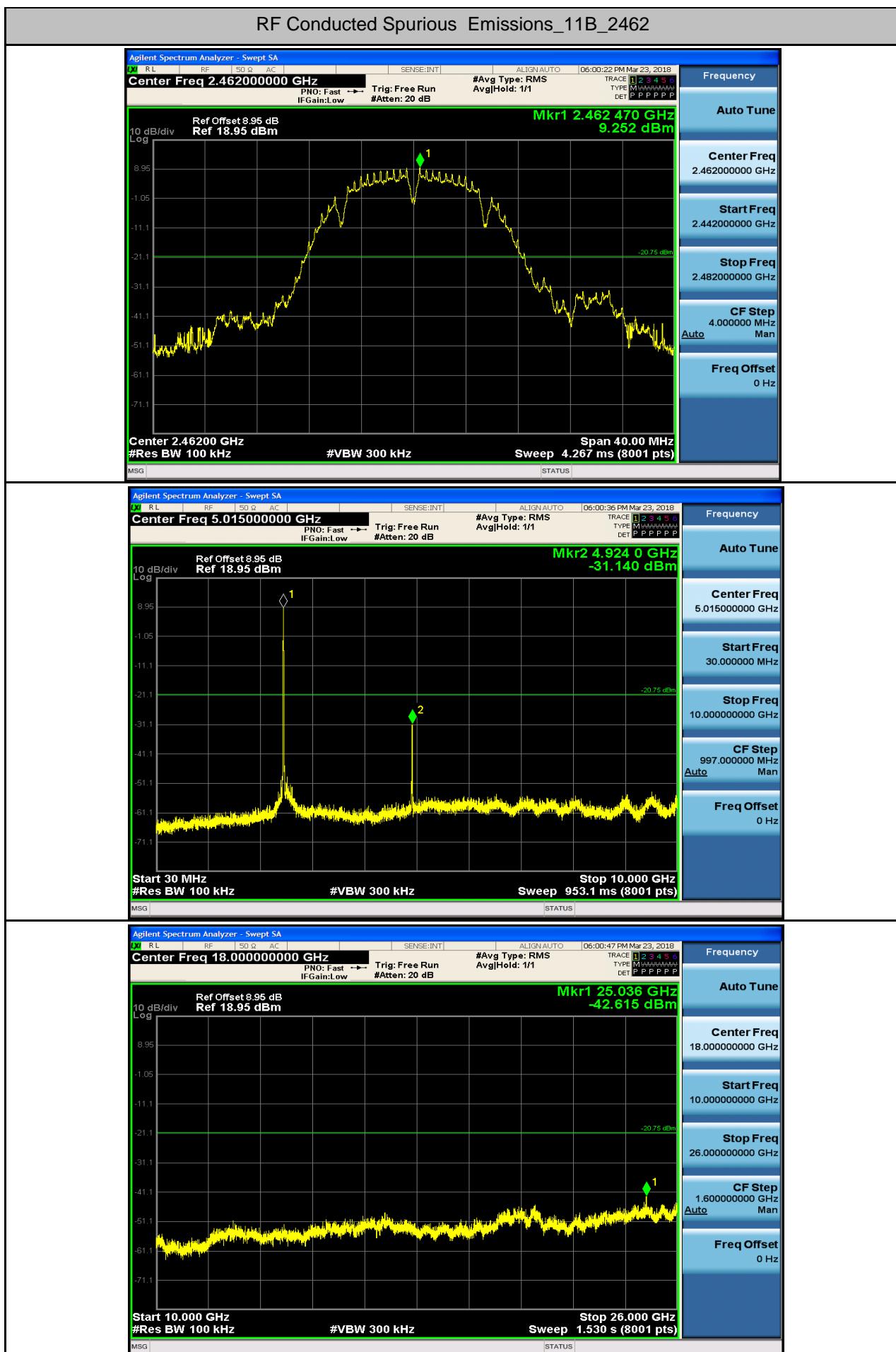
Test Mode	Test Channel	Ant	StartFre [MHz]	StopFre [MHz]	RBW [kHz]	VBW [kHz]	Pref[dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
11B	2412	Ant1	30	10000	100	300	9.77	-31.43	<- 20.23	PASS
11B	2412	Ant1	10000	26000	100	300	9.769	-44.493	<- 20.231	PASS
11B	2437	Ant1	30	10000	100	300	9.50	-30.82	<- 20.50	PASS
11B	2437	Ant1	10000	26000	100	300	9.5	-44.540	<-20.5	PASS
11B	2462	Ant1	30	10000	100	300	9.25	-31.14	<- 20.75	PASS
11B	2462	Ant1	10000	26000	100	300	9.252	-42.615	<- 20.748	PASS
11G	2412	Ant1	30	10000	100	300	3.55	-48.11	<- 26.45	PASS
11G	2412	Ant1	10000	26000	100	300	3.547	-43.903	<- 26.453	PASS
11G	2437	Ant1	30	10000	100	300	3.41	-47.16	<- 26.59	PASS
11G	2437	Ant1	10000	26000	100	300	3.406	-43.966	<- 26.594	PASS
11G	2462	Ant1	30	10000	100	300	3.38	-46.80	<- 26.62	PASS
11G	2462	Ant1	10000	26000	100	300	3.38	-44.490	<- 26.62	PASS
11N20SISO	2412	Ant1	30	10000	100	300	2.98	-46.10	<- 27.02	PASS
11N20SISO	2412	Ant1	10000	26000	100	300	2.981	-44.575	<- 27.019	PASS
11N20SISO	2437	Ant1	30	10000	100	300	3.64	-46.35	<- 26.36	PASS
11N20SISO	2437	Ant1	10000	26000	100	300	3.643	-44.020	<- 26.357	PASS
11N20SISO	2462	Ant1	30	10000	100	300	3.14	-47.08	<- 26.86	PASS
11N20SISO	2462	Ant1	10000	26000	100	300	3.136	-44.340	<- 26.864	PASS
11N40SISO	2422	Ant1	30	10000	100	300	-0.71	-51.00	<- 30.71	PASS
11N40SISO	2422	Ant1	10000	26000	100	300	-0.714	-44.314	<- 30.714	PASS
11N40SISO	2437	Ant1	30	10000	100	300	-1.29	-48.78	<- 31.29	PASS
11N40SISO	2437	Ant1	10000	26000	100	300	-1.294	-44.903	<- 31.294	PASS
11N40SISO	2452	Ant1	30	10000	100	300	-1.40	-50.43	<- 31.40	PASS

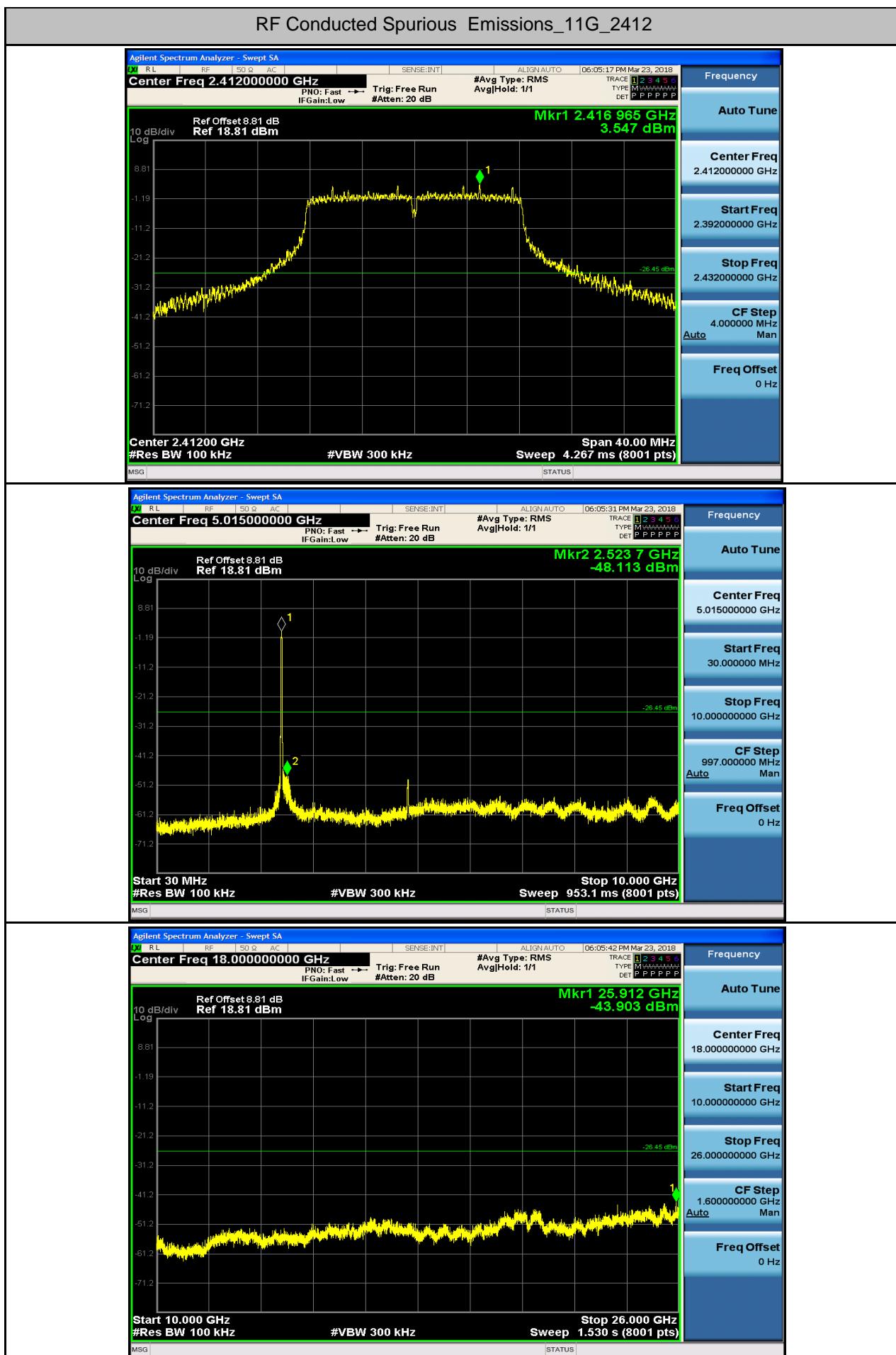


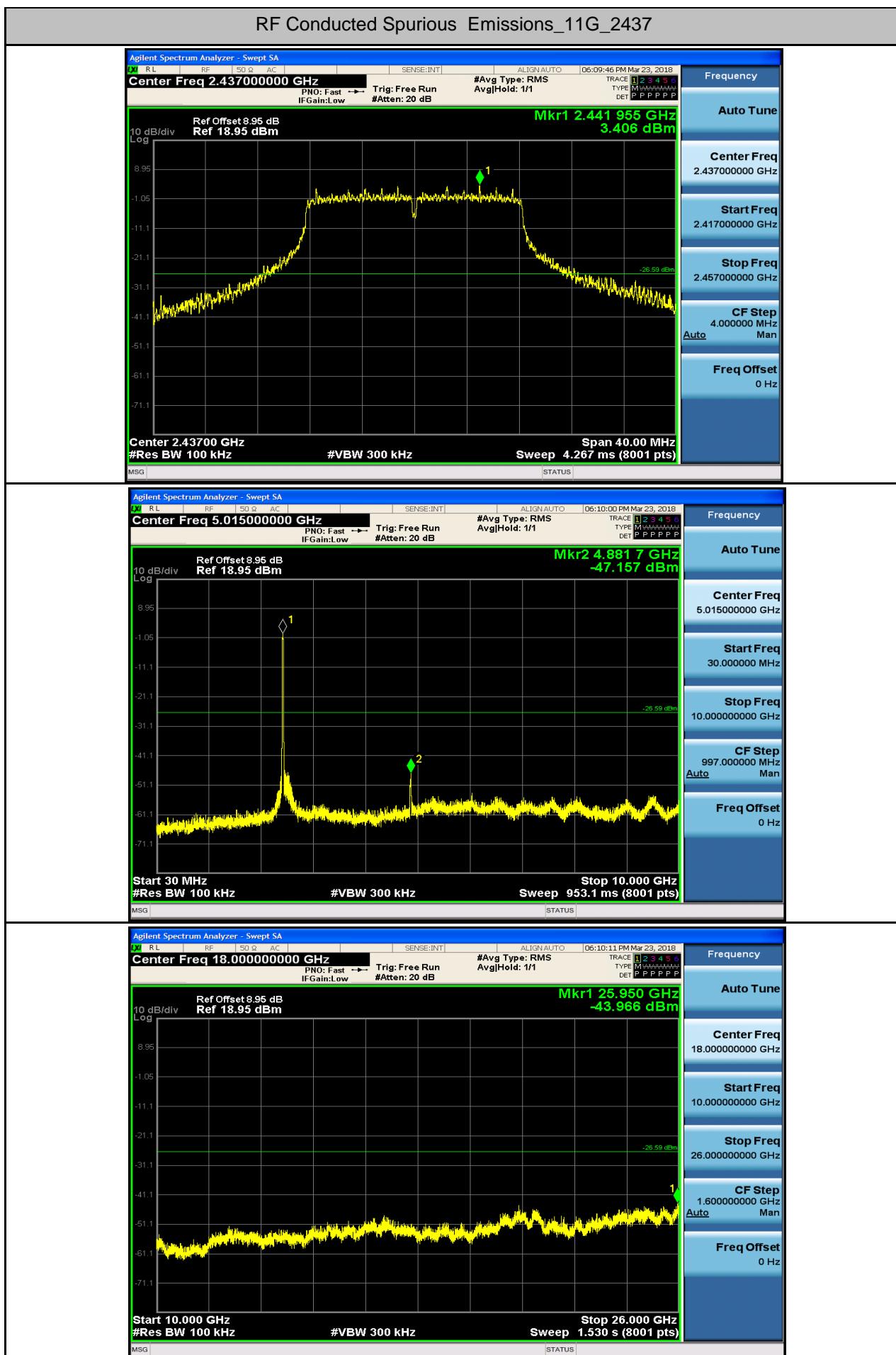
11N40SISO	2452	Ant1	10000	26000	100	300	-1.402	-44.039	< 31.402	PASS
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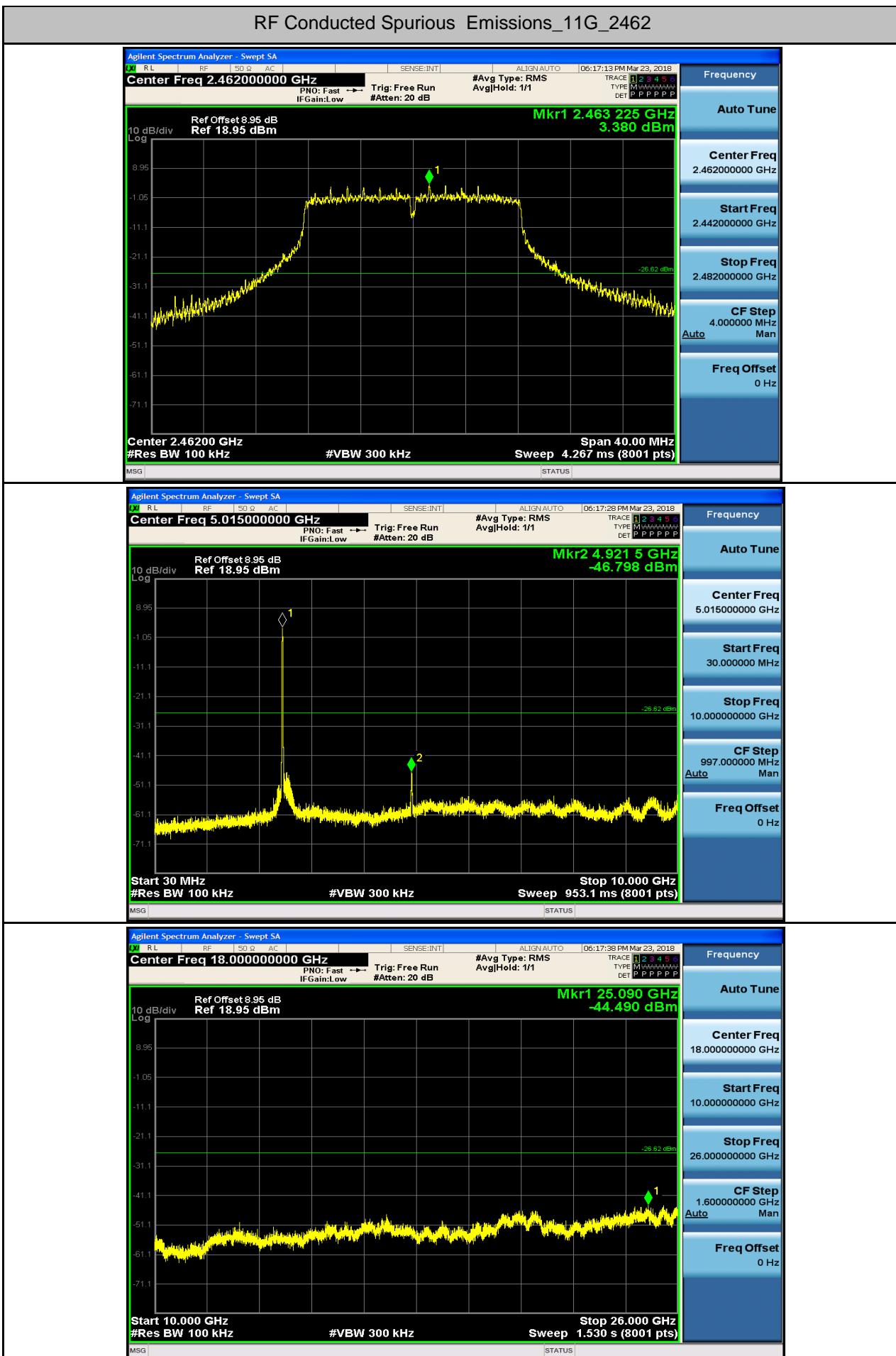


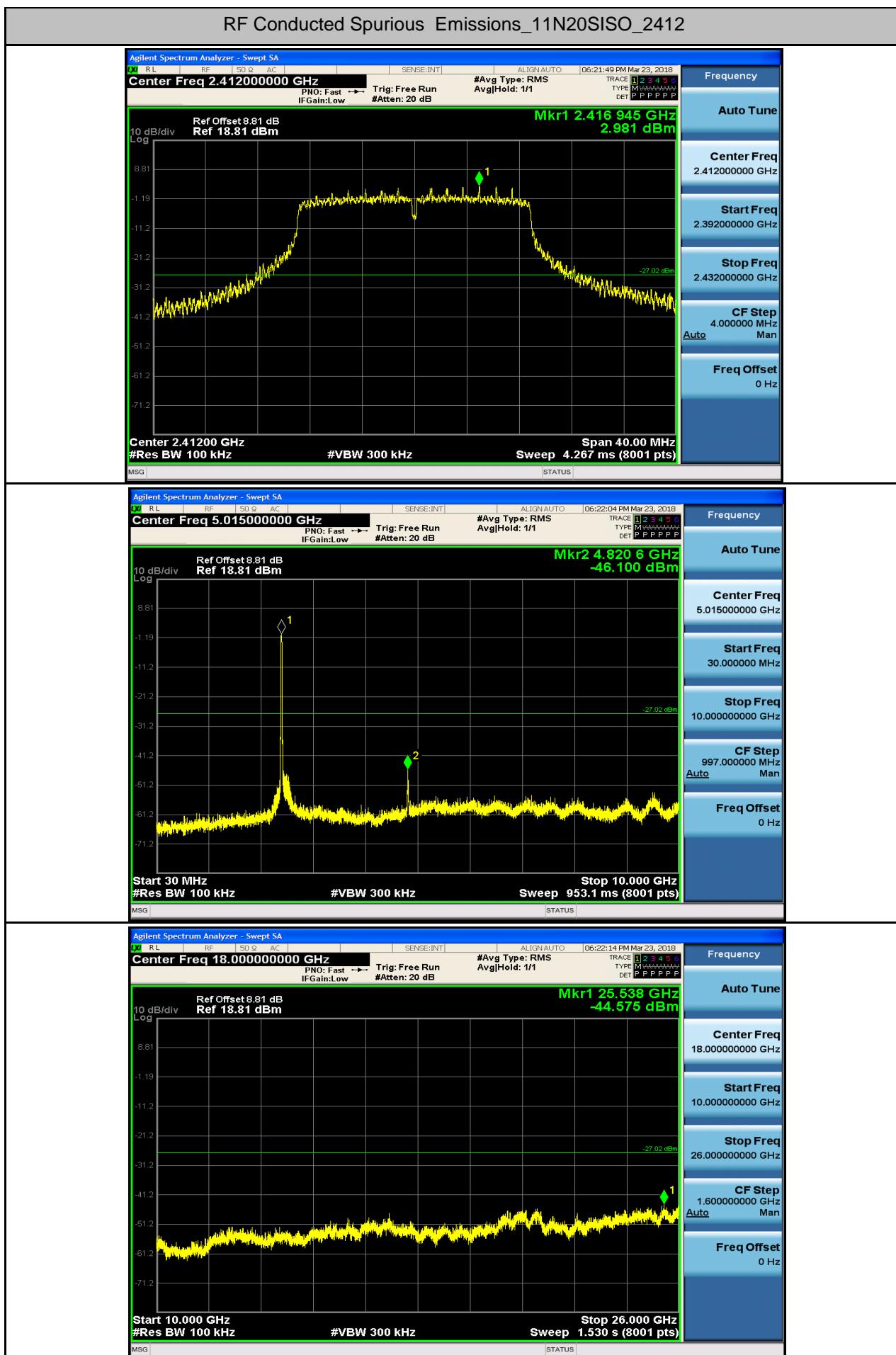


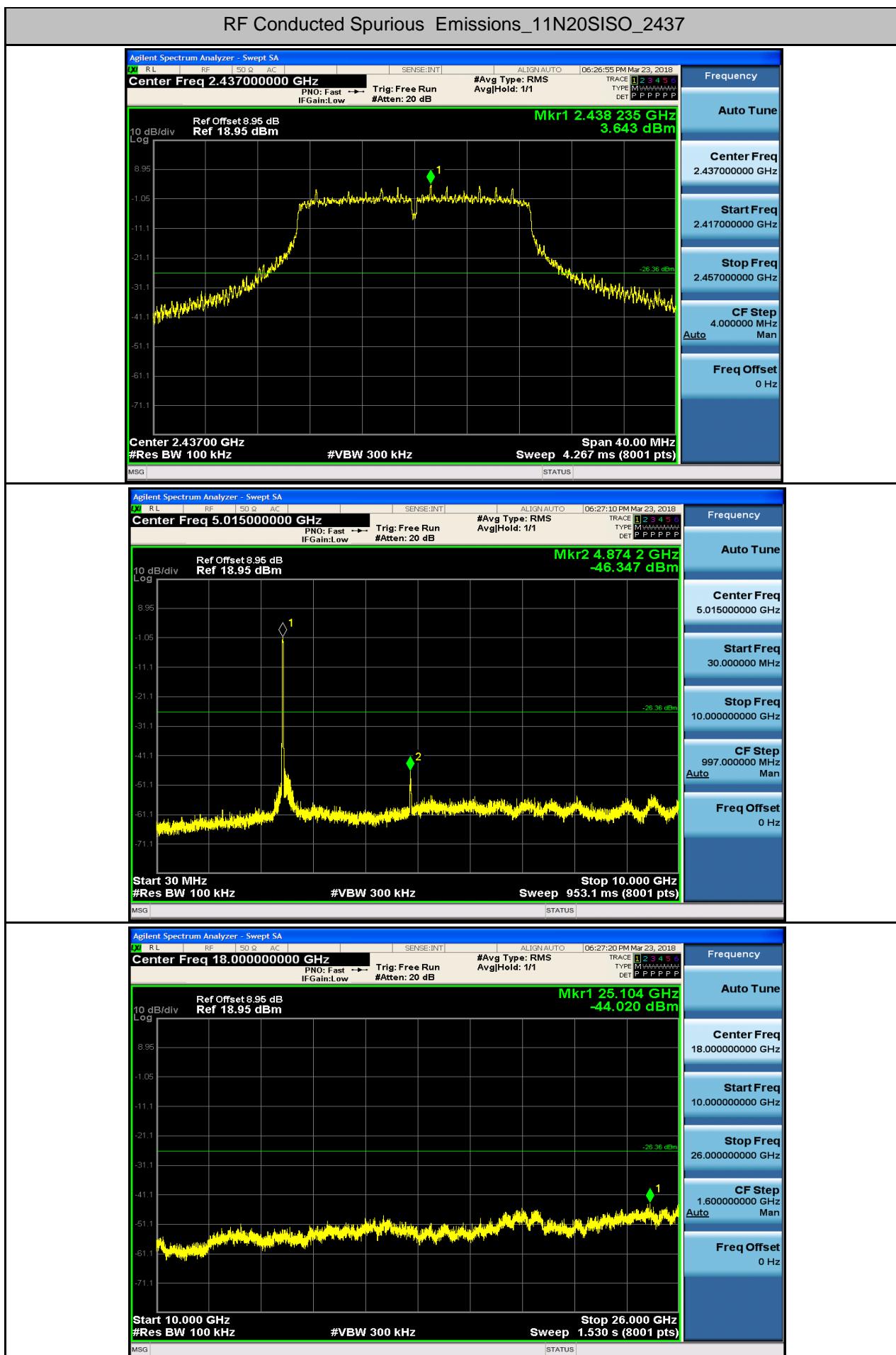


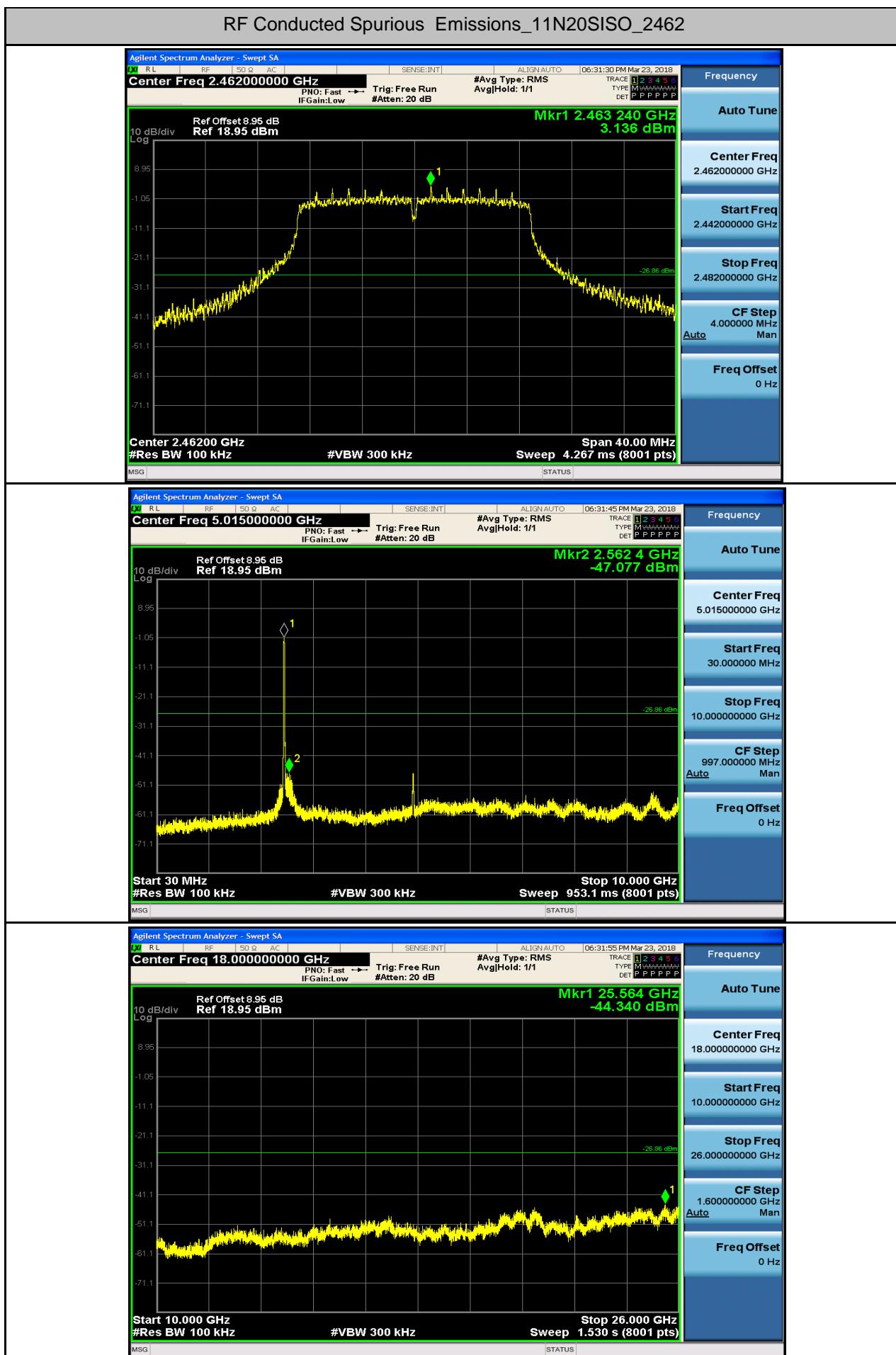


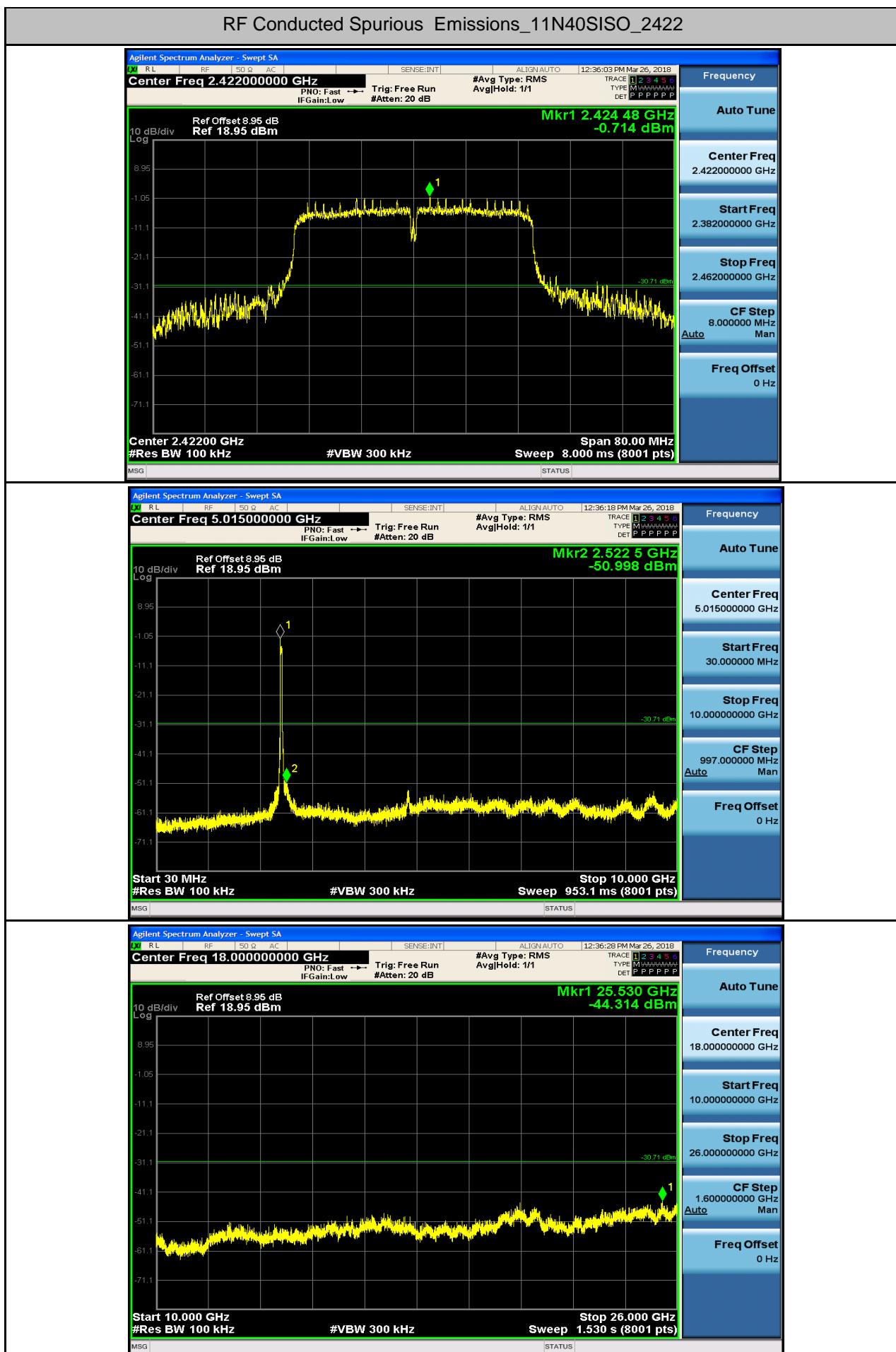


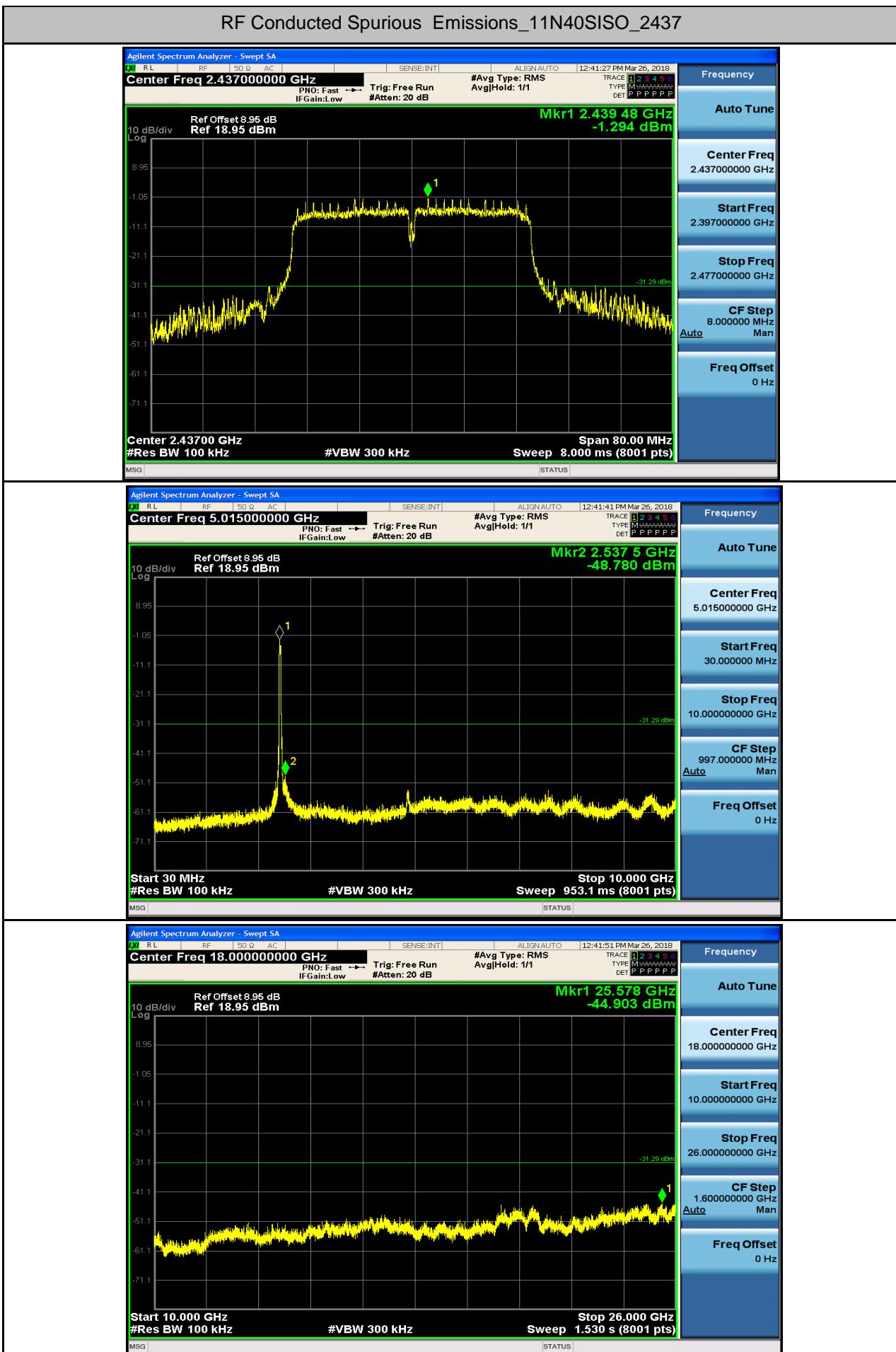


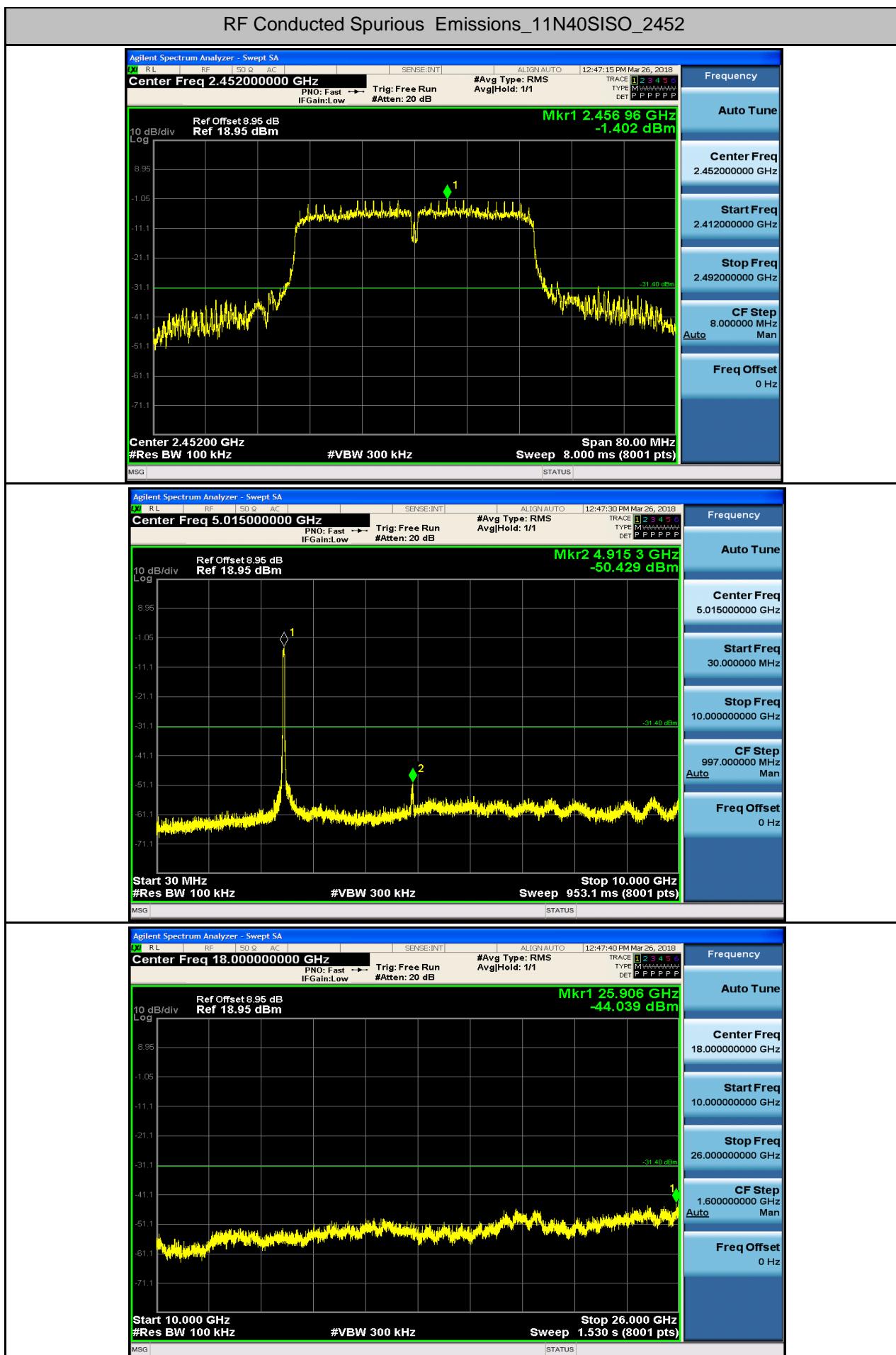






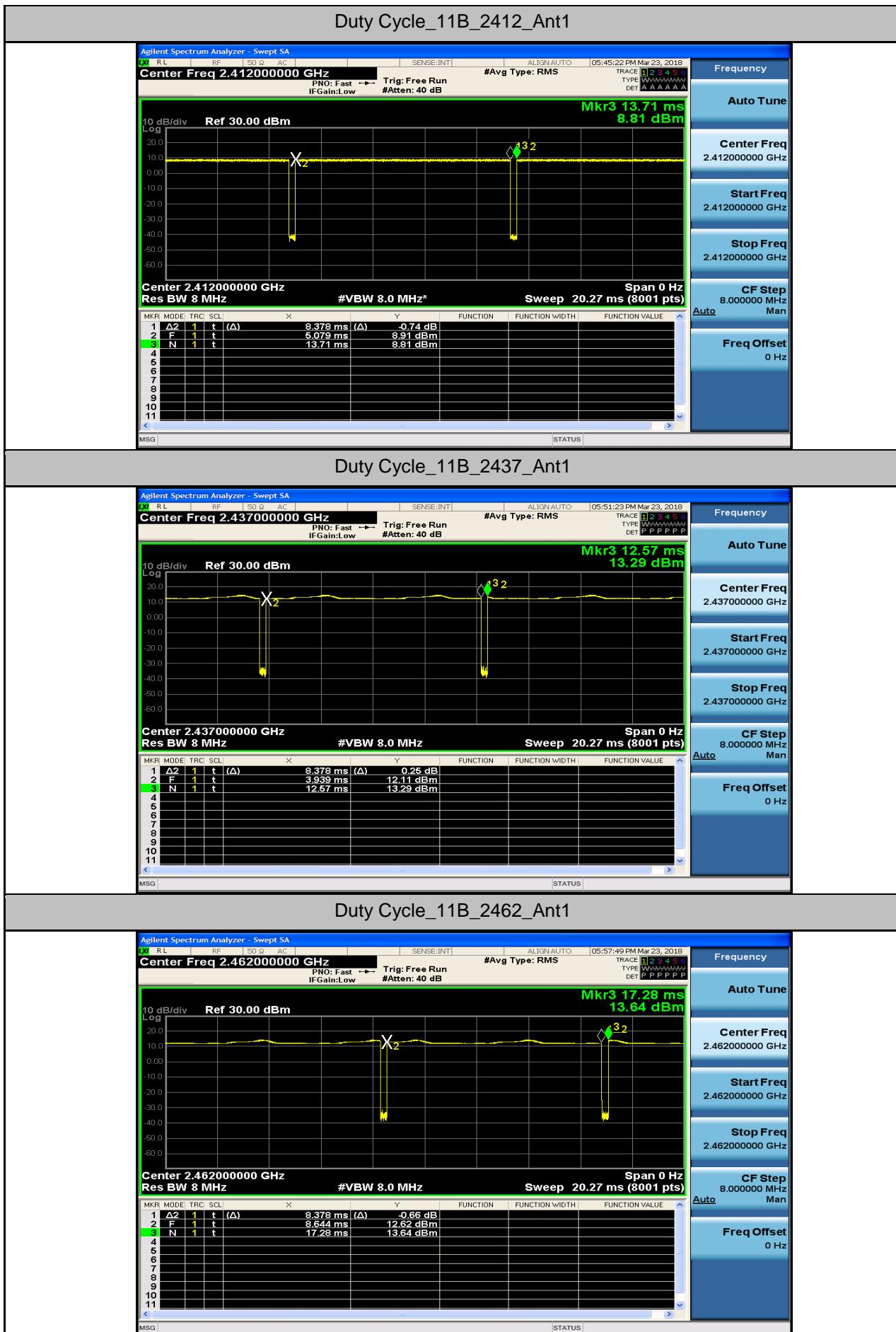




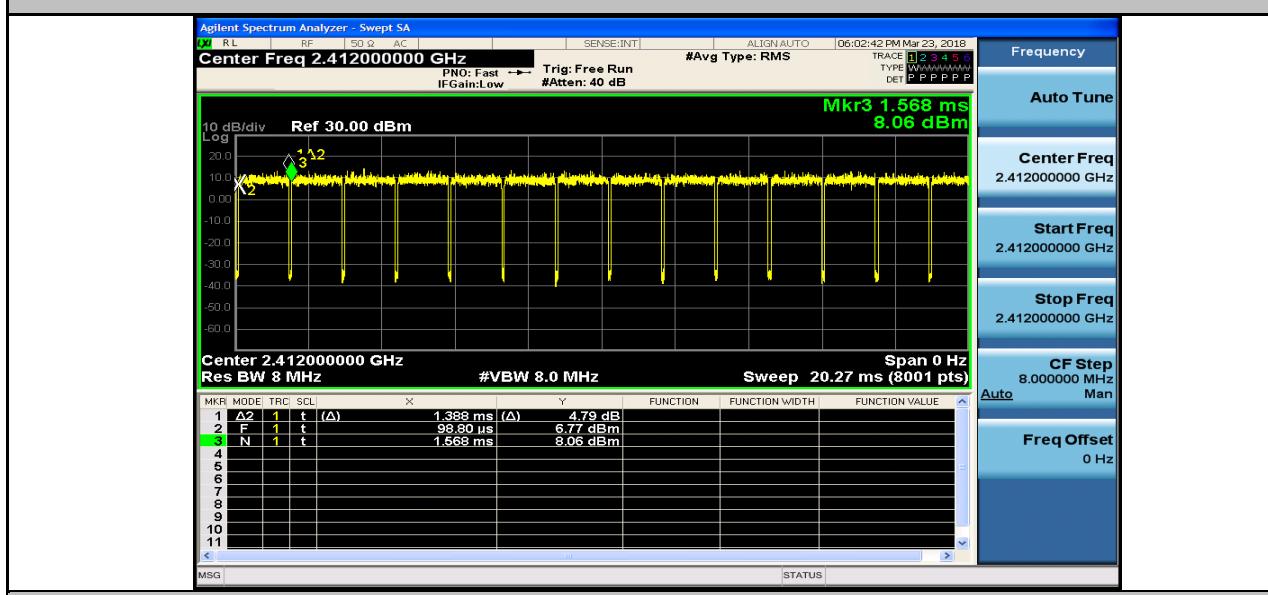


**7.Duty Cycle**

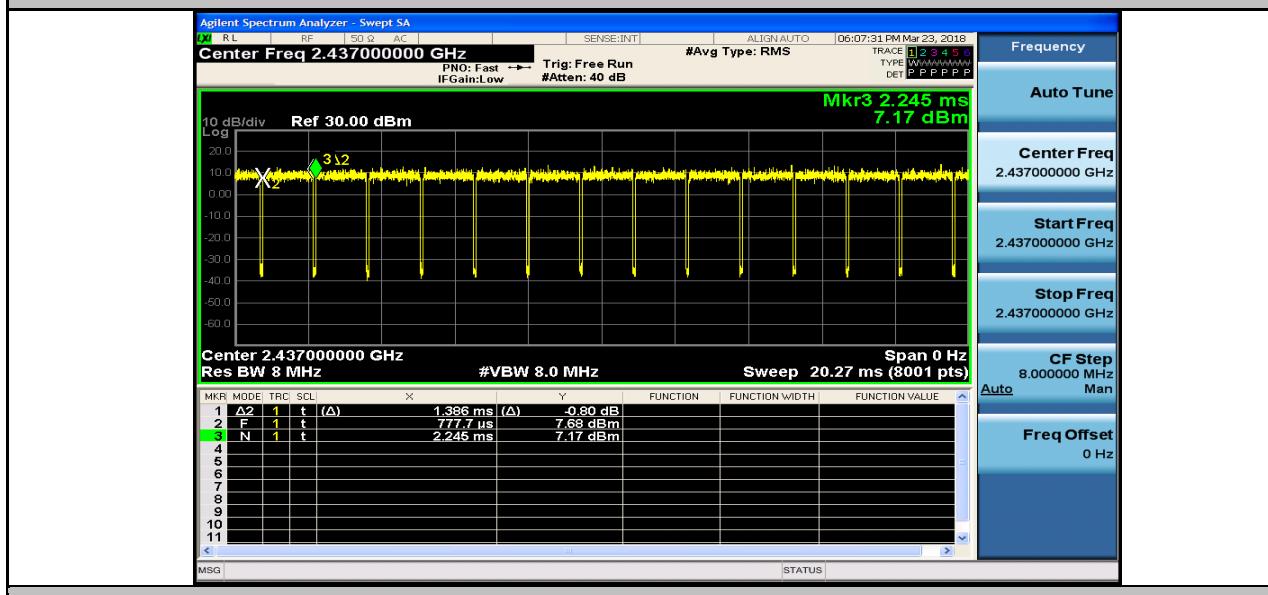
Test Mode	Test Channel	Ant	Duty Cycle[%]	10log(1/x) Factor[dB]
11B	2412	Ant1	97.04	0.13
11B	2437	Ant1	97.04	0.13
11B	2462	Ant1	96.95	0.13
11G	2412	Ant1	94.48	0.25
11G	2437	Ant1	94.47	0.25
11G	2462	Ant1	94.48	0.25
11N20SISO	2412	Ant1	93.42	0.30
11N20SISO	2437	Ant1	93.42	0.30
11N20SISO	2462	Ant1	94.11	0.26
11N40SISO	2422	Ant1	88.81	0.52
11N40SISO	2437	Ant1	88.81	0.52
11N40SISO	2452	Ant1	88.81	0.52



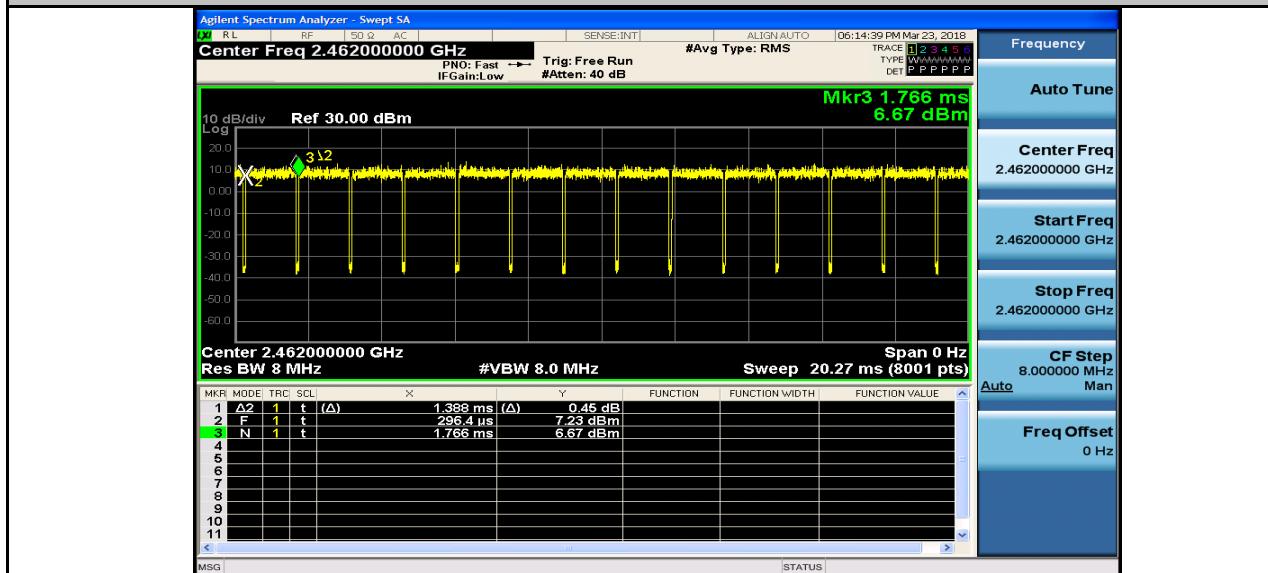
Duty Cycle\_11G\_2412\_Ant1



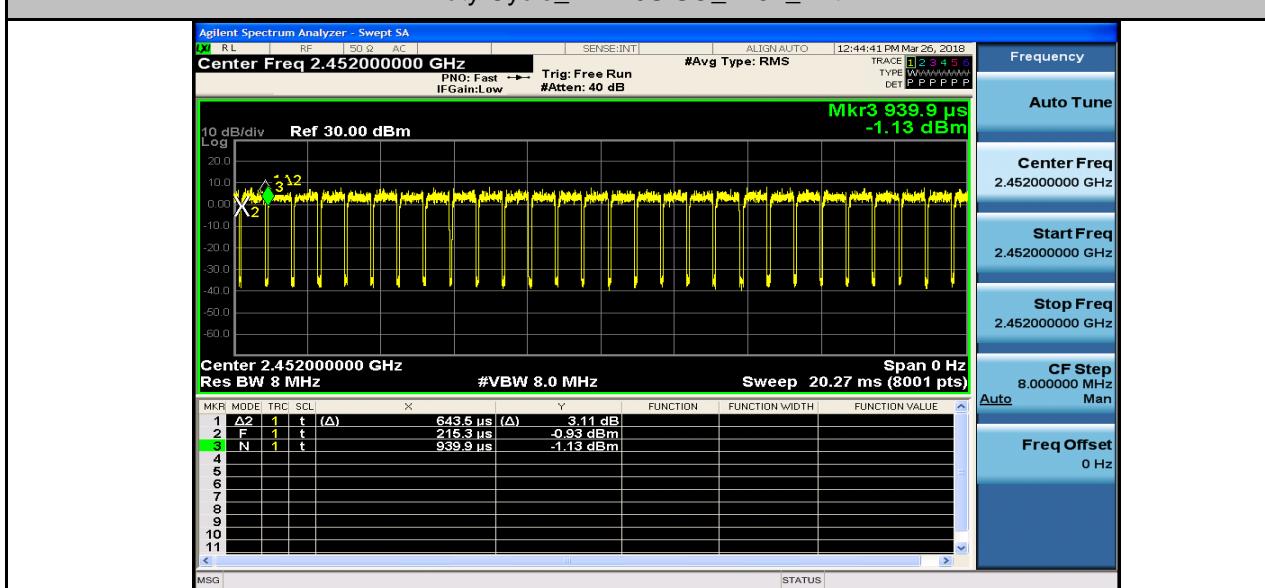
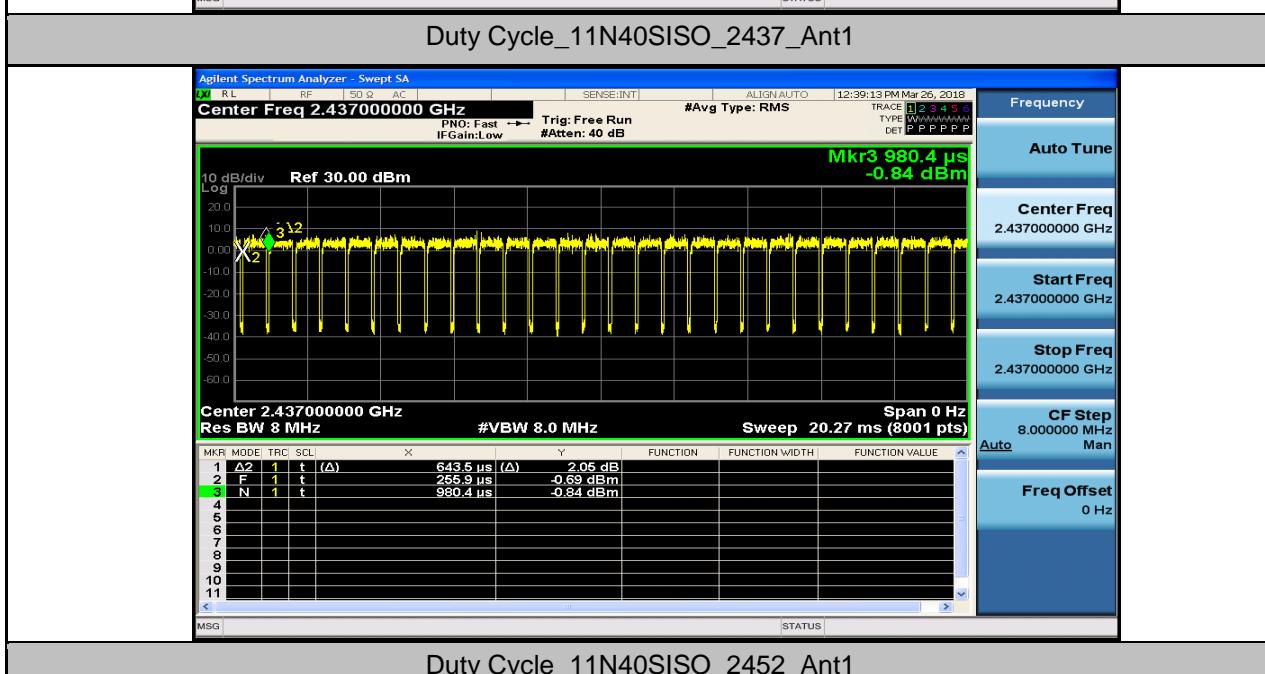
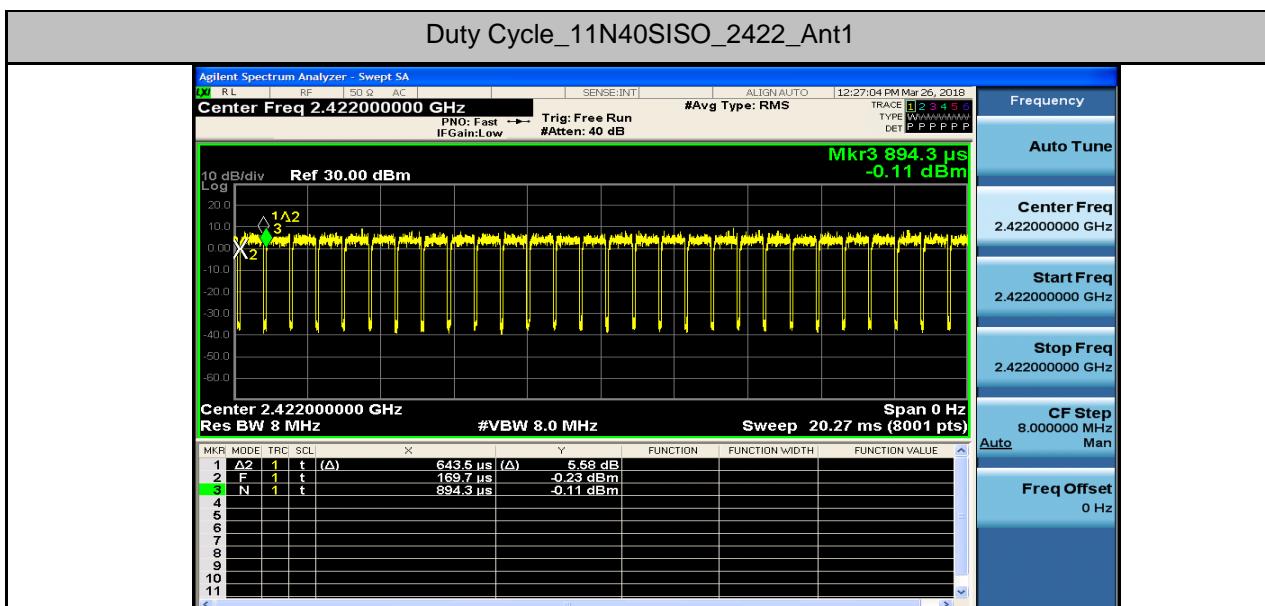
Duty Cycle\_11G\_2437\_Ant1



Duty Cycle\_11G\_2462\_Ant1









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