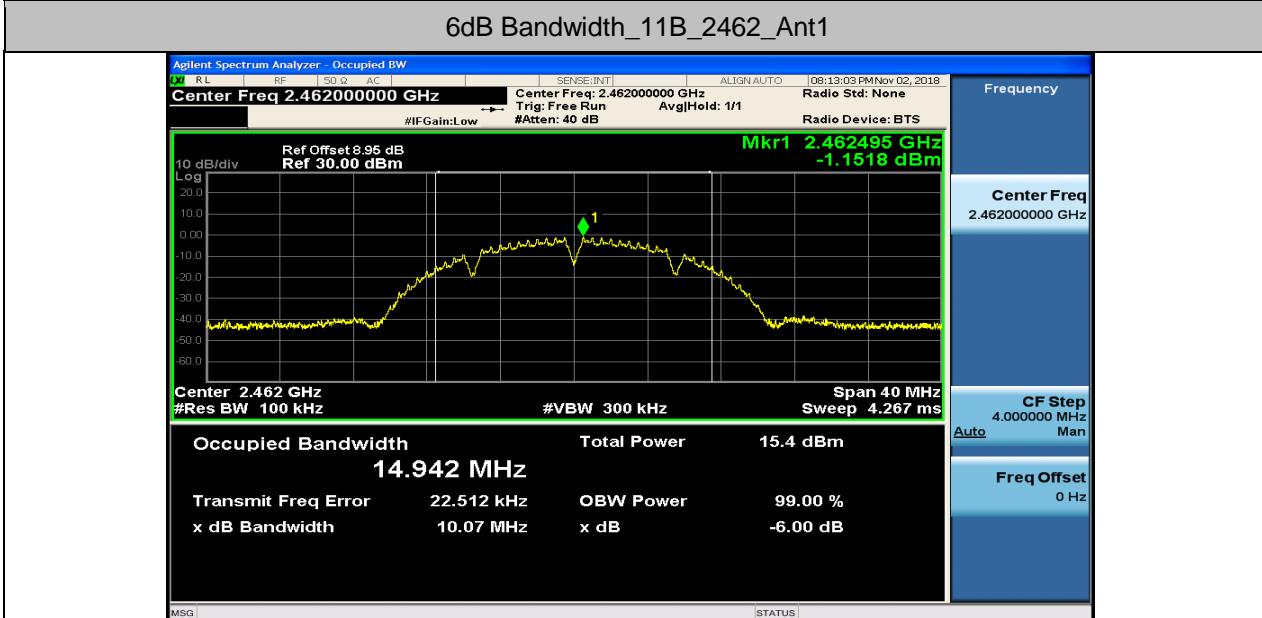
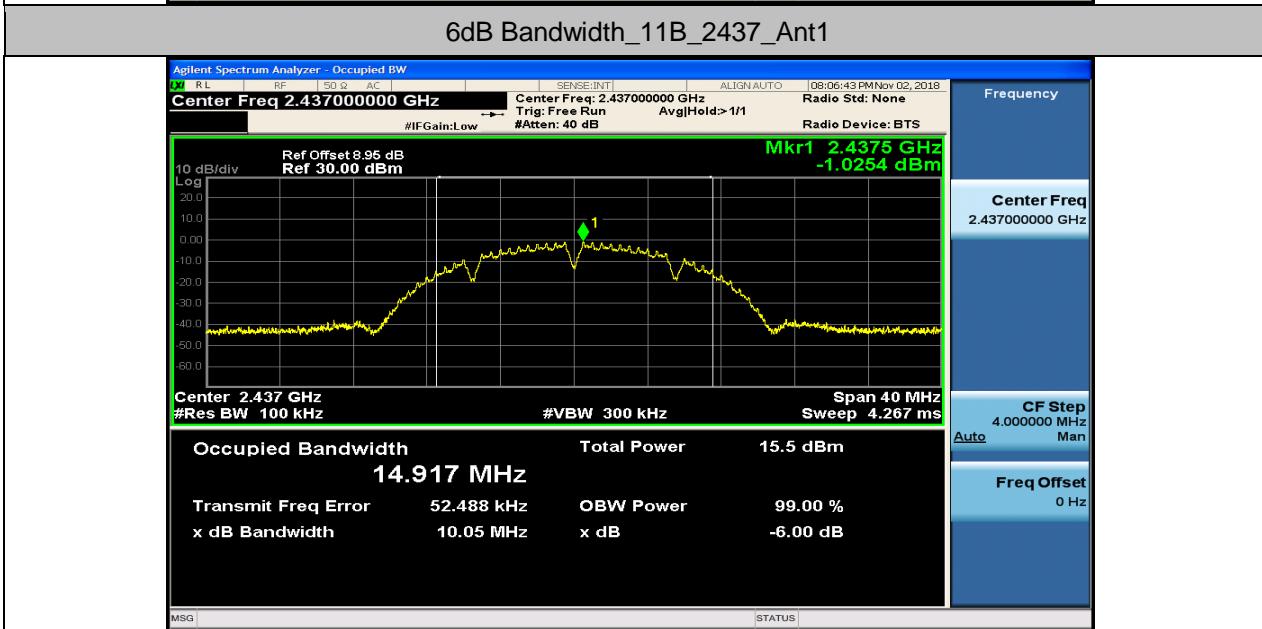


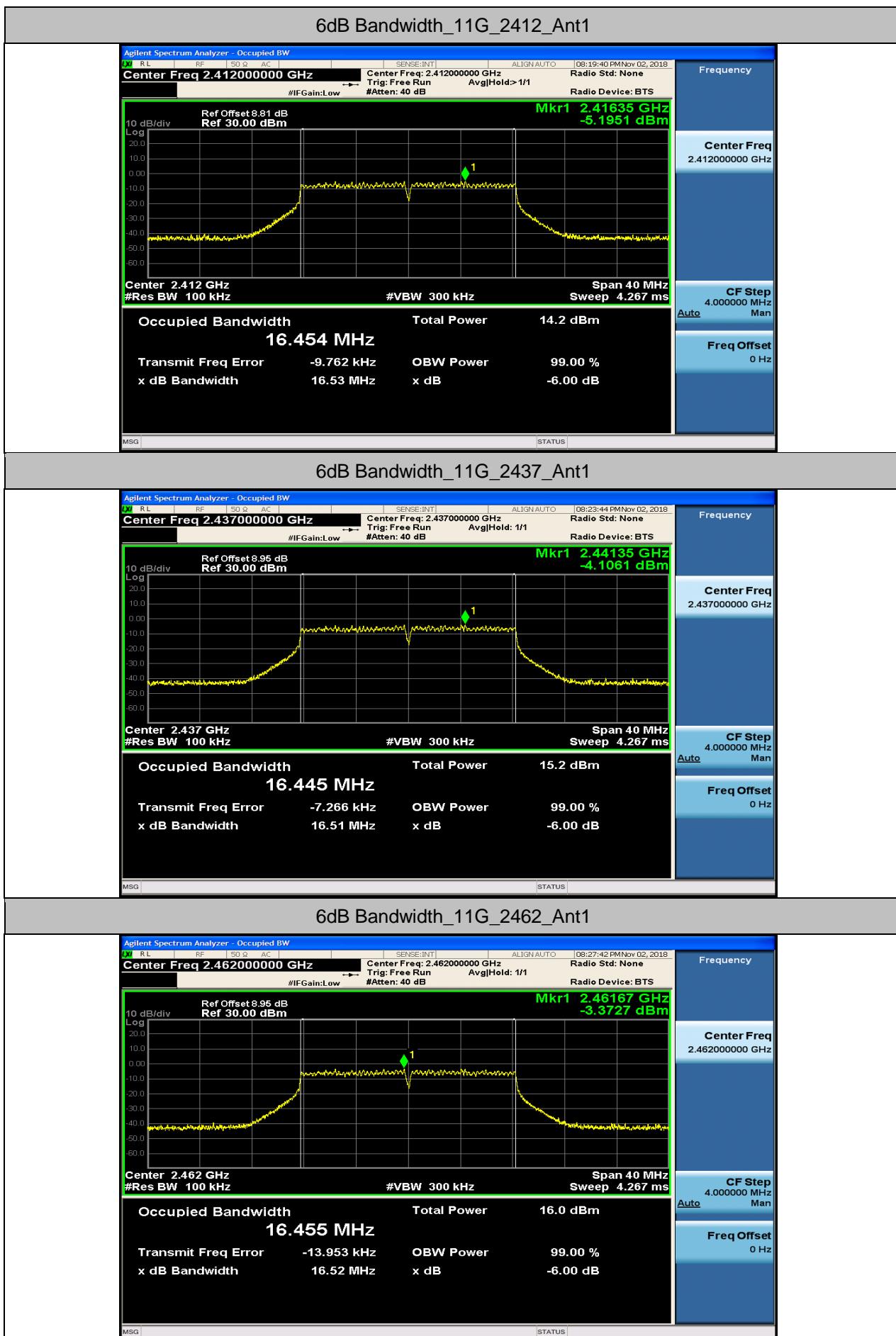


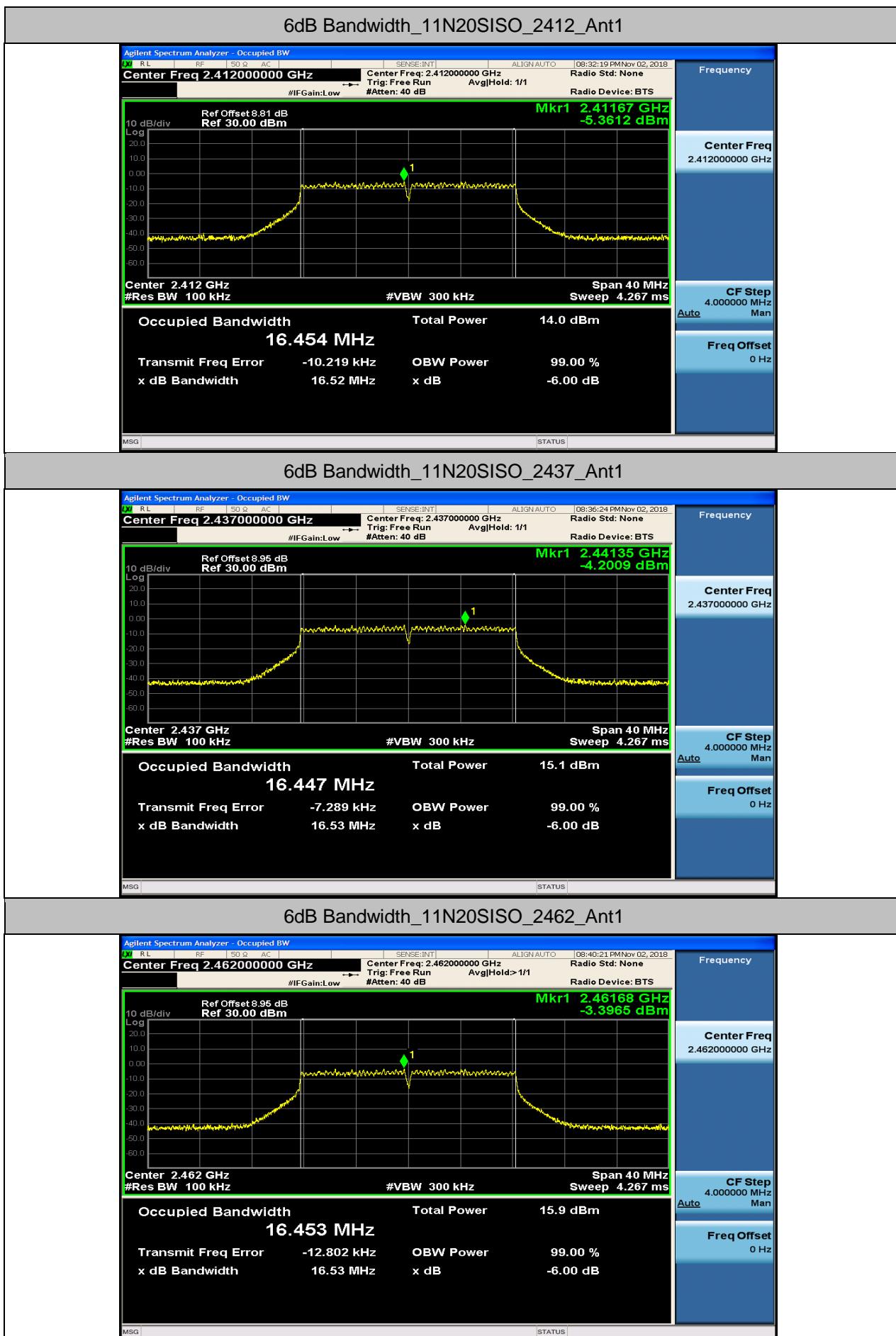
## Appendix A for SHEM180800740501

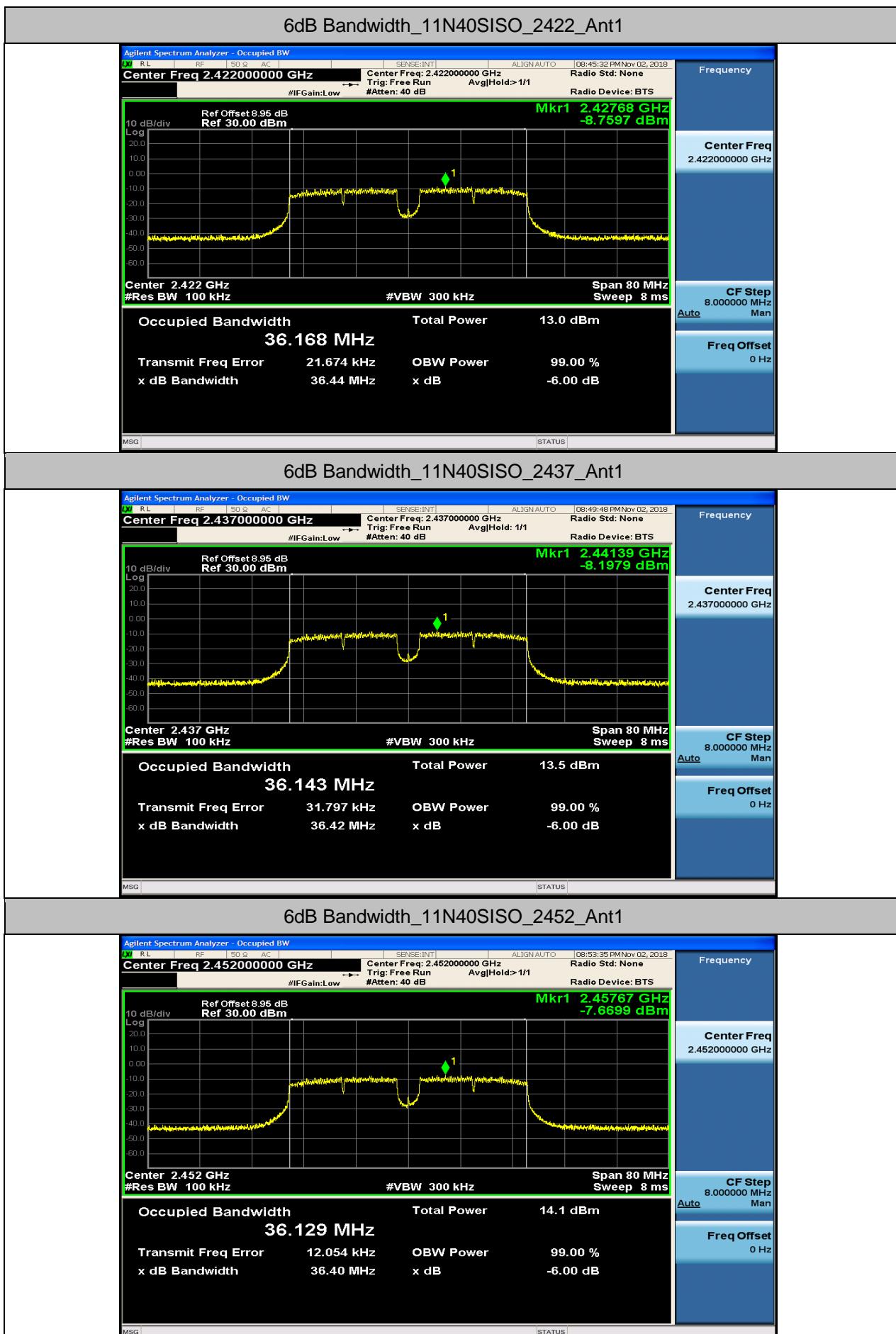
## 1.6dB Bandwidth

Test Mode	Test Channel	Ant	EBW[MHz]	Limit	Verdict
11B	2412	Ant1	10.06	0.5	PASS
11B	2437	Ant1	10.05	0.5	PASS
11B	2462	Ant1	10.07	0.5	PASS
11G	2412	Ant1	16.53	0.5	PASS
11G	2437	Ant1	16.51	0.5	PASS
11G	2462	Ant1	16.52	0.5	PASS
11N20SISO	2412	Ant1	16.52	0.5	PASS
11N20SISO	2437	Ant1	16.53	0.5	PASS
11N20SISO	2462	Ant1	16.53	0.5	PASS
11N40SISO	2422	Ant1	36.44	0.5	PASS
11N40SISO	2437	Ant1	36.42	0.5	PASS
11N40SISO	2452	Ant1	36.40	0.5	PASS











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**2. 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	9.12	0.00	9.12	30	PASS
11B	2437	Ant1	8.8	0.00	8.80	30	PASS
11B	2462	Ant1	8.7	0.00	8.70	30	PASS
11G	2412	Ant1	7.42	0.00	7.42	30	PASS
11G	2437	Ant1	8.5	0.00	8.50	30	PASS
11G	2462	Ant1	9.26	0.00	9.26	30	PASS
11N20SISO	2412	Ant1	7.32	0.00	7.32	30	PASS
11N20SISO	2437	Ant1	8.42	0.00	8.42	30	PASS
11N20SISO	2462	Ant1	9.19	0.00	9.19	30	PASS
11N40SISO	2422	Ant1	6.22	0.00	6.22	30	PASS
11N40SISO	2437	Ant1	6.77	0.00	6.77	30	PASS
11N40SISO	2452	Ant1	7.27	0.00	7.27	30	PASS

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



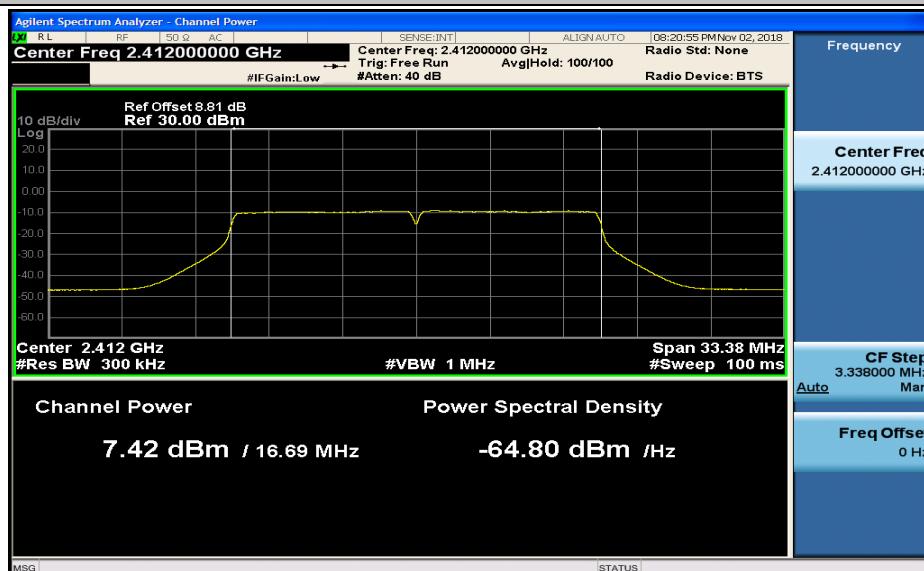
## Maximum conducted (average) output power\_11B\_2437\_Ant1



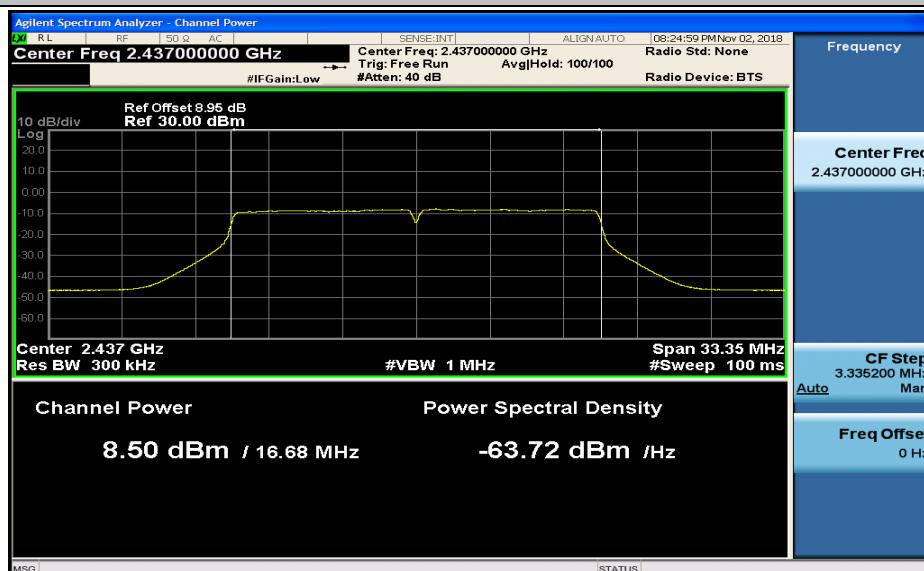
## Maximum conducted (average) output power\_11B\_2462\_Ant1



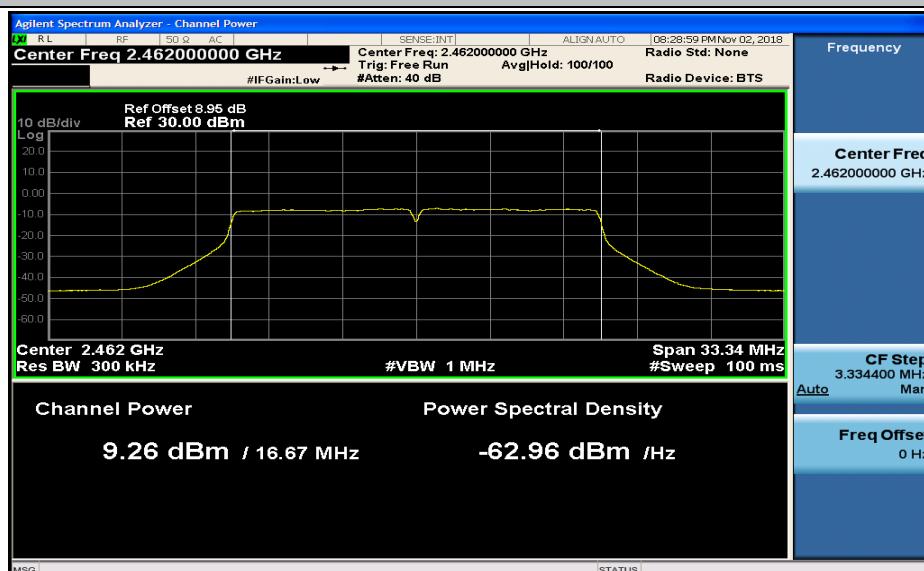
## Maximum conducted (average) output power\_11G\_2412\_Ant1



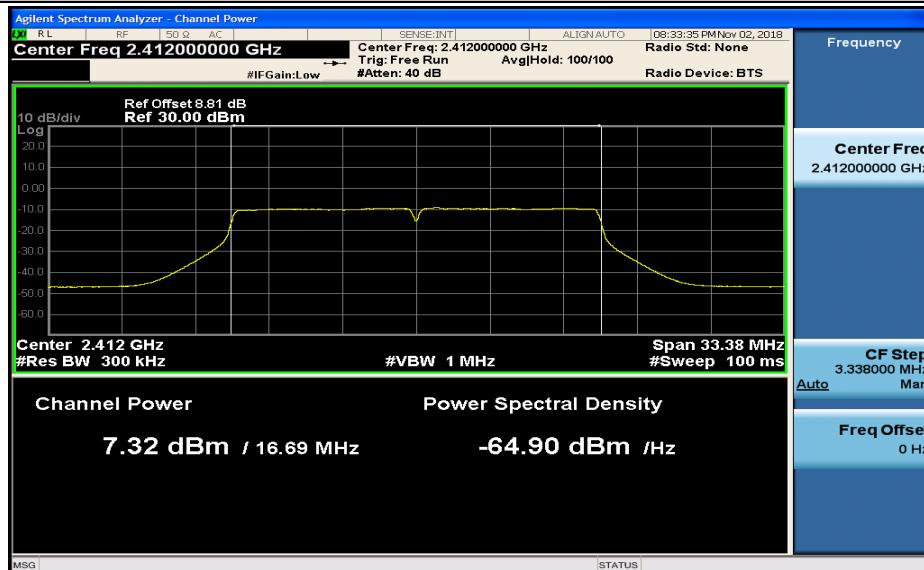
## Maximum conducted (average) output power\_11G\_2437\_Ant1



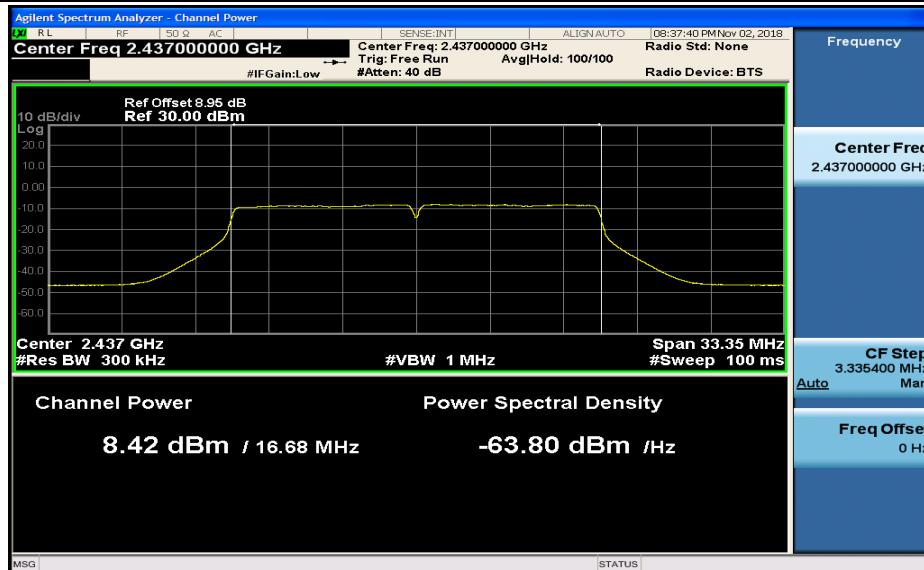
## Maximum conducted (average) output power\_11G\_2462\_Ant1



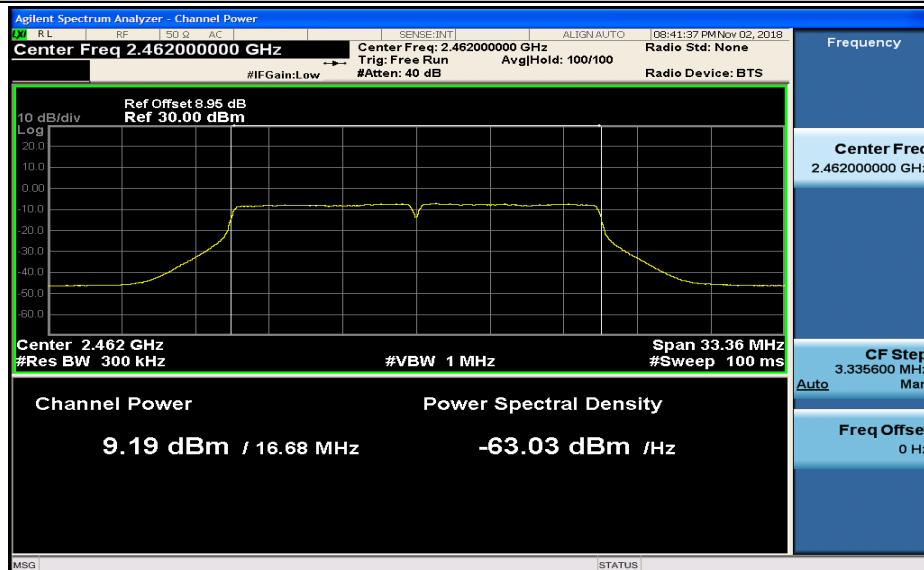
## Maximum conducted (average) output power\_11N20SISO\_2412\_Ant1



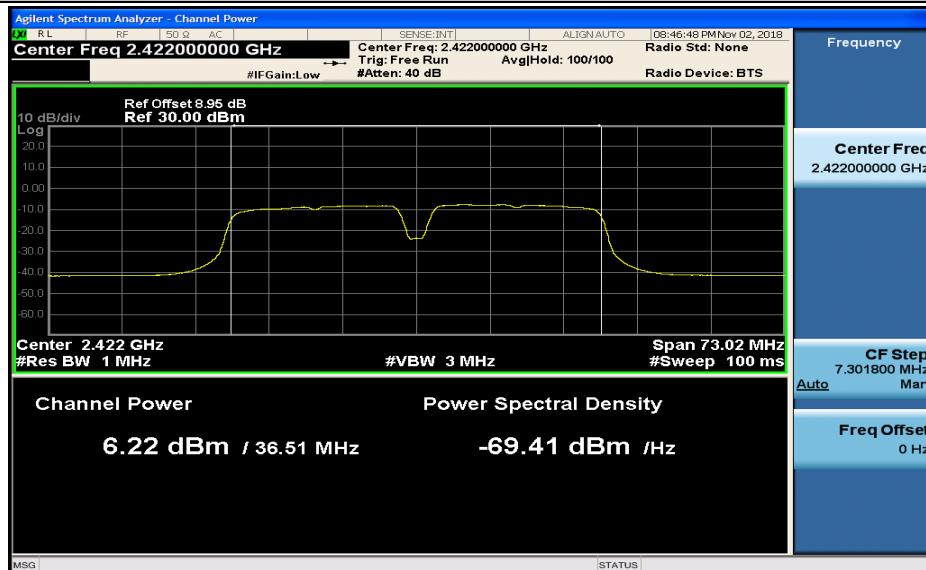
## Maximum conducted (average) output power\_11N20SISO\_2437\_Ant1



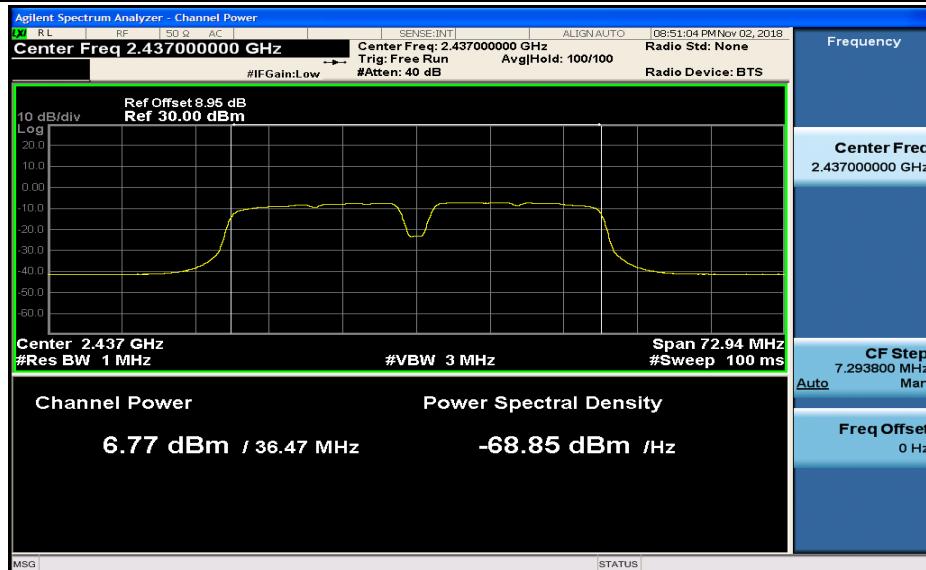
## Maximum conducted (average) output power\_11N20SISO\_2462\_Ant1



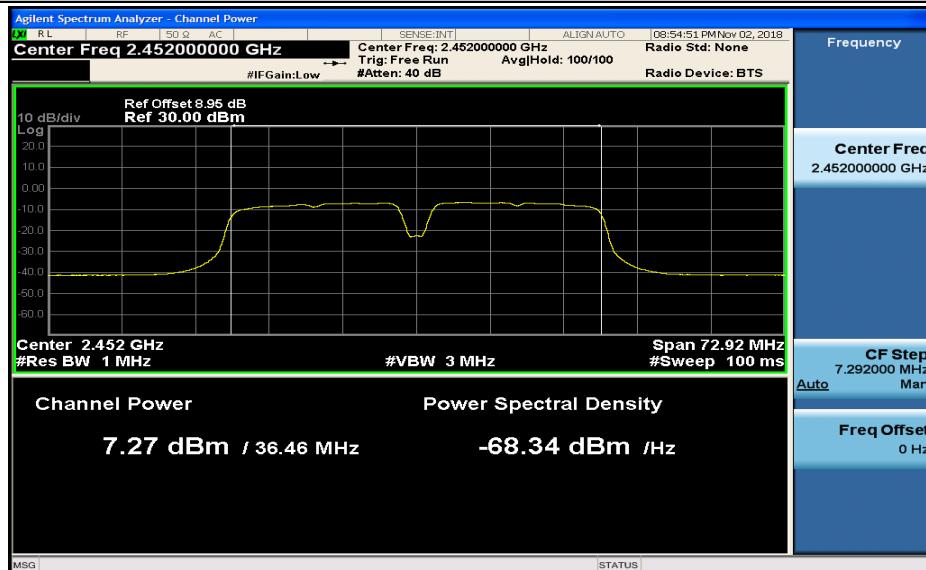
## Maximum conducted (average) output power\_11N40SISO\_2422\_Ant1



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



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

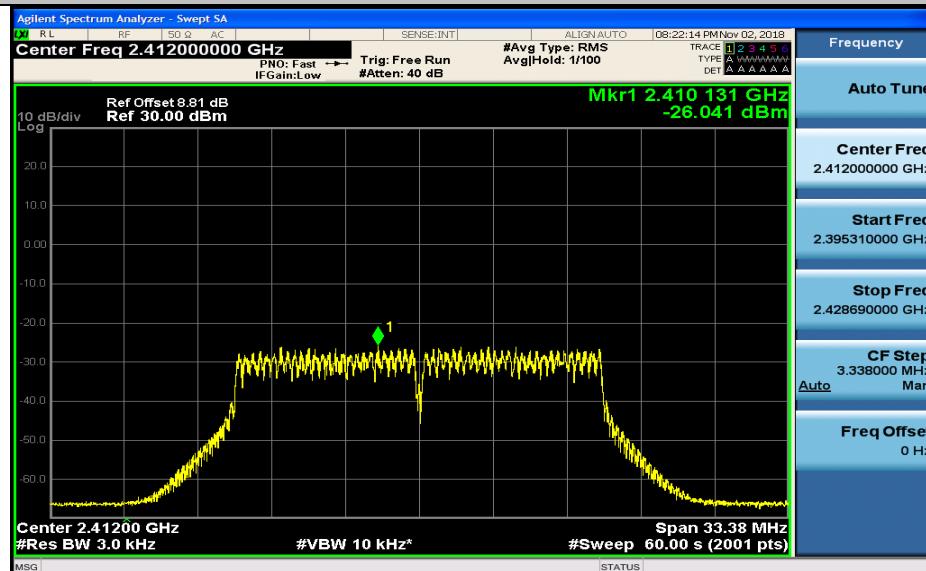


**3. Maximum(average) power spectral density**

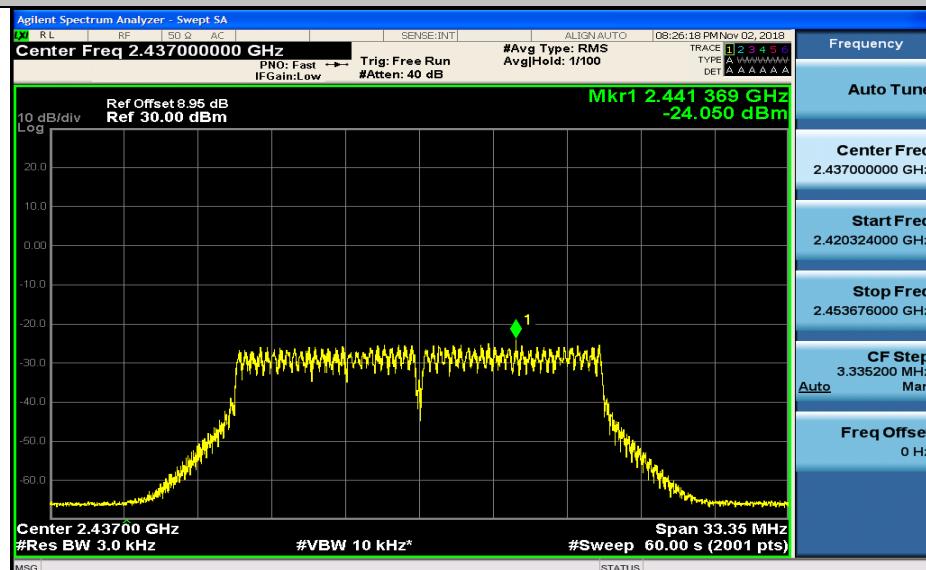
Test Mode	Test Channel	Ant	Level [dBm/3kHz]	10log(1/x) Factor[dB]	PSD[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	2412	Ant1	-23.61	0.00	-23.61	8.00	PASS
11B	2437	Ant1	-23.93	0.00	-23.93	8.00	PASS
11B	2462	Ant1	-24.04	0.00	-24.04	8.00	PASS
11G	2412	Ant1	-26.04	0.00	-26.04	8.00	PASS
11G	2437	Ant1	-24.05	0.00	-24.05	8.00	PASS
11G	2462	Ant1	-23.49	0.00	-23.49	8.00	PASS
11N20SISO	2412	Ant1	-26.20	0.00	-26.20	8.00	PASS
11N20SISO	2437	Ant1	-24.13	0.00	-24.13	8.00	PASS
11N20SISO	2462	Ant1	-23.42	0.00	-23.42	8.00	PASS
11N40SISO	2422	Ant1	-30.65	0.00	-30.65	8.00	PASS
11N40SISO	2437	Ant1	-30.32	0.00	-30.32	8.00	PASS
11N40SISO	2452	Ant1	-29.55	0.00	-29.55	8.00	PASS



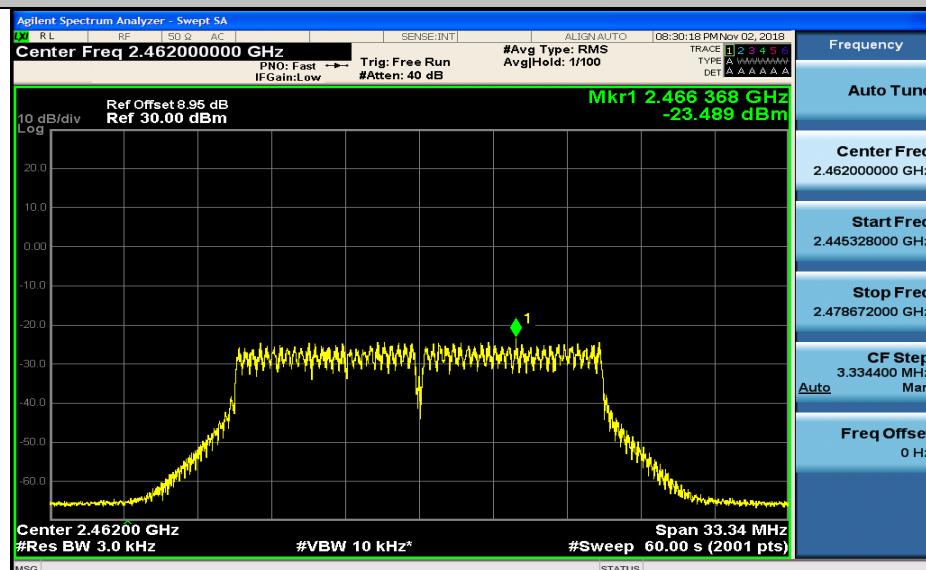
## Maximum(average) power spectral density\_11G\_2412\_Ant1



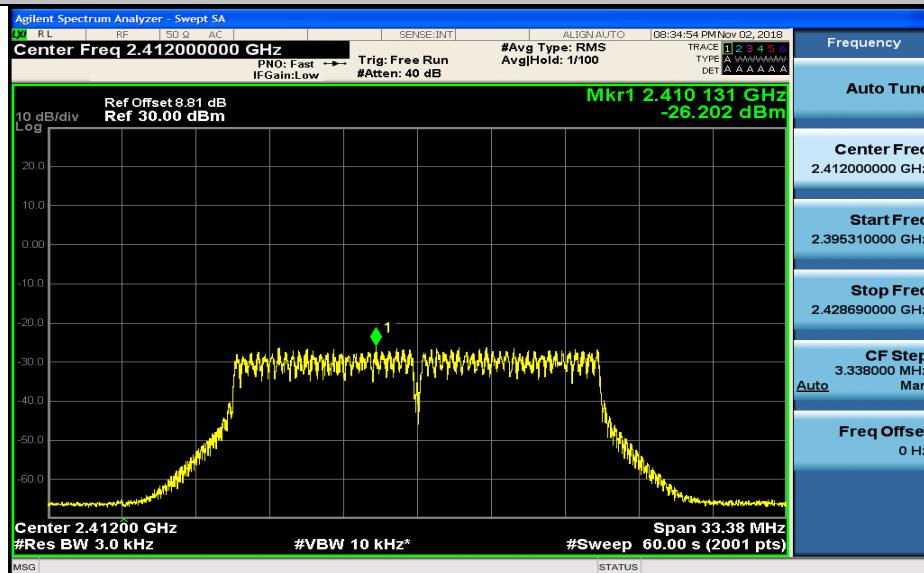
## Maximum(average) power spectral density\_11G\_2437\_Ant1



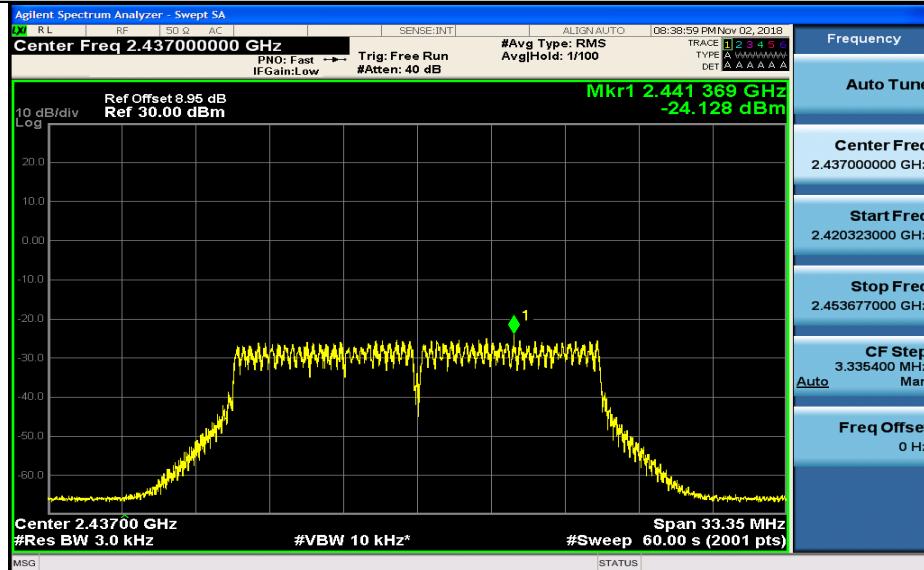
## Maximum(average) power spectral density\_11G\_2462\_Ant1



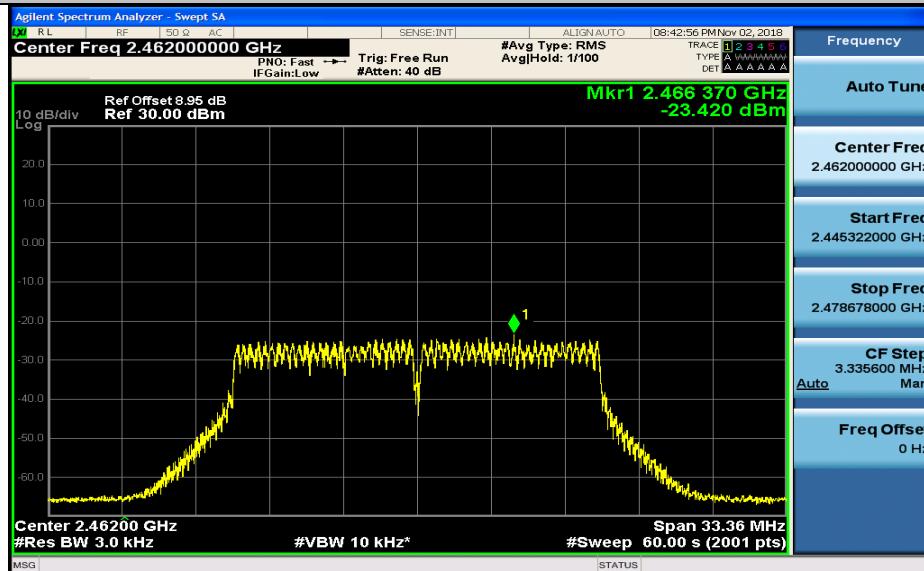
## Maximum(average) power spectral density\_11N20SISO\_2412\_Ant1



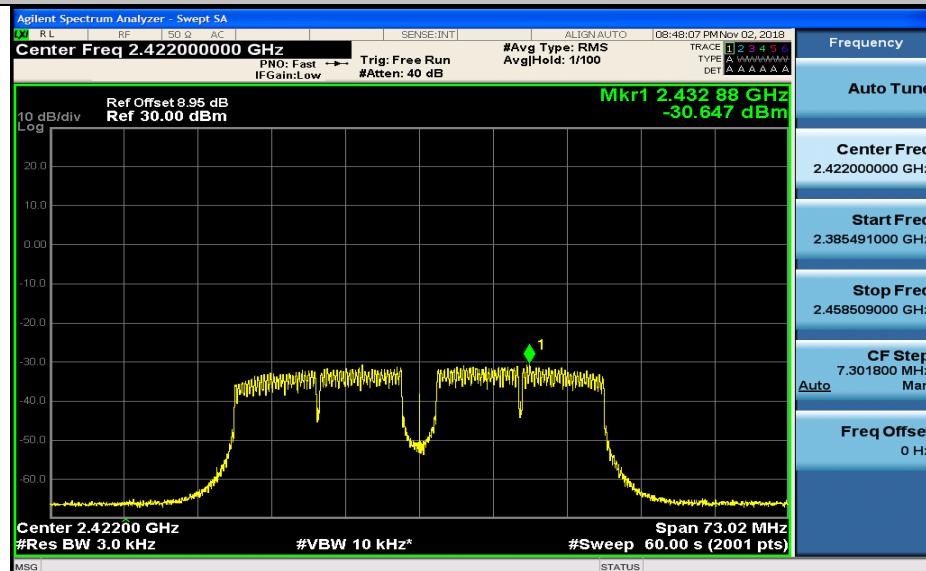
## Maximum(average) power spectral density\_11N20SISO\_2437\_Ant1



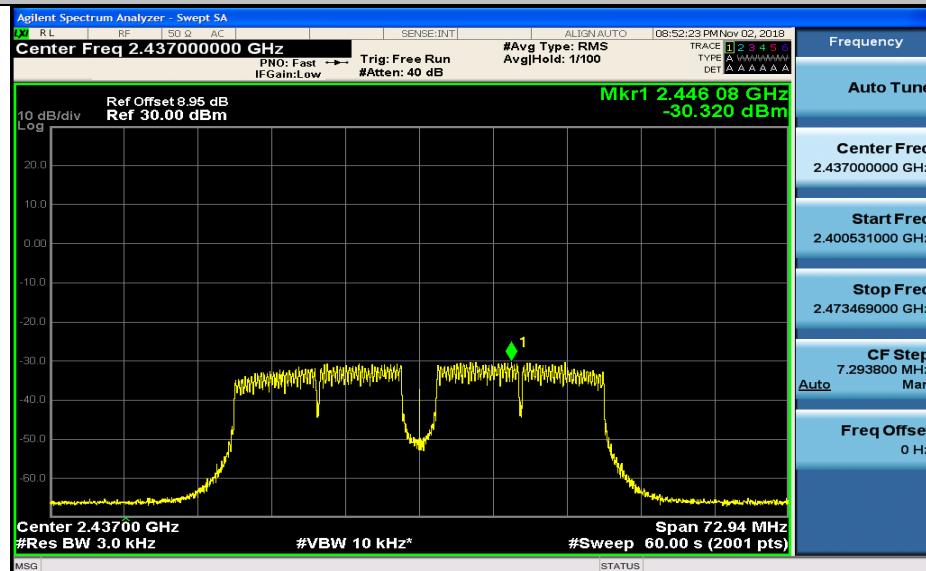
## Maximum(average) power spectral density\_11N20SISO\_2462\_Ant1



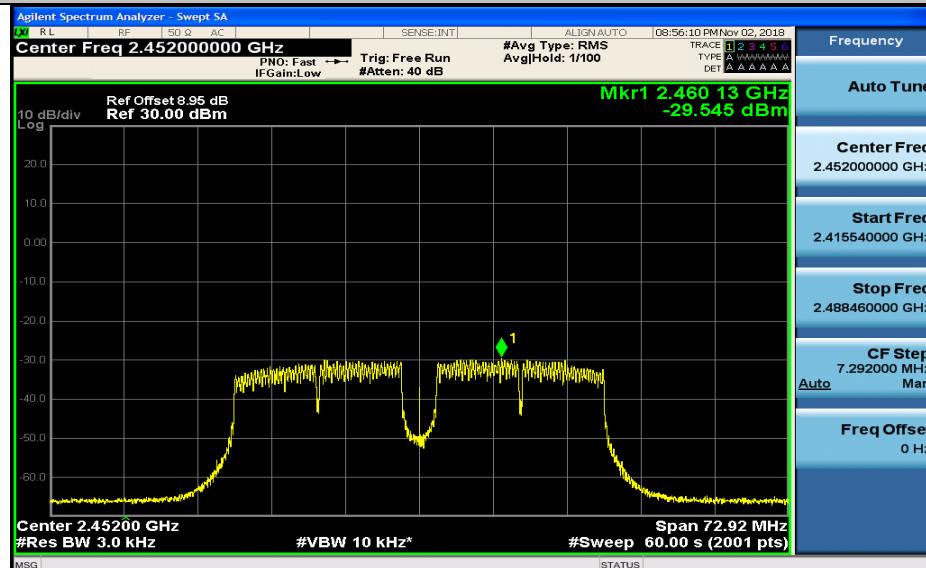
## Maximum(average) power spectral density\_11N40SISO\_2422\_Ant1



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



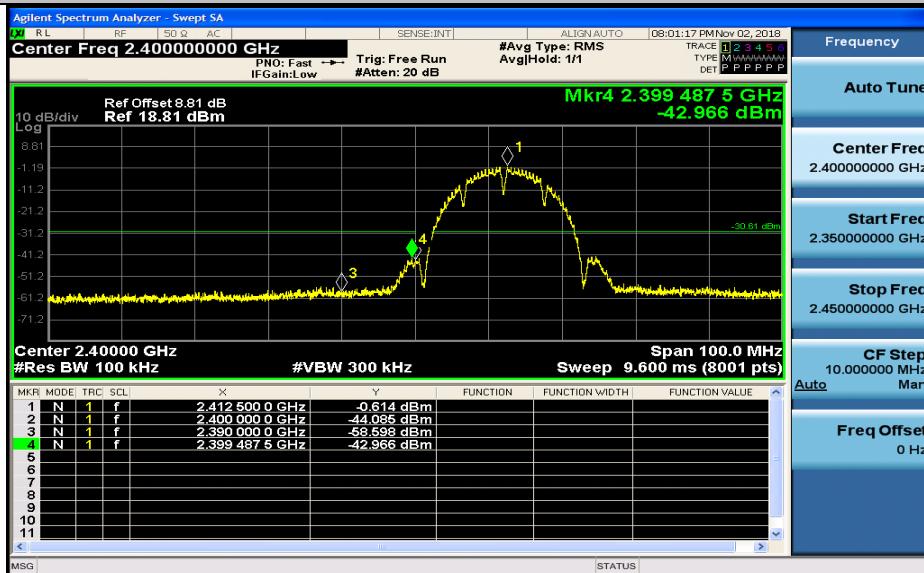
## Maximum(average) power spectral density\_11N40SISO\_2452\_Ant1



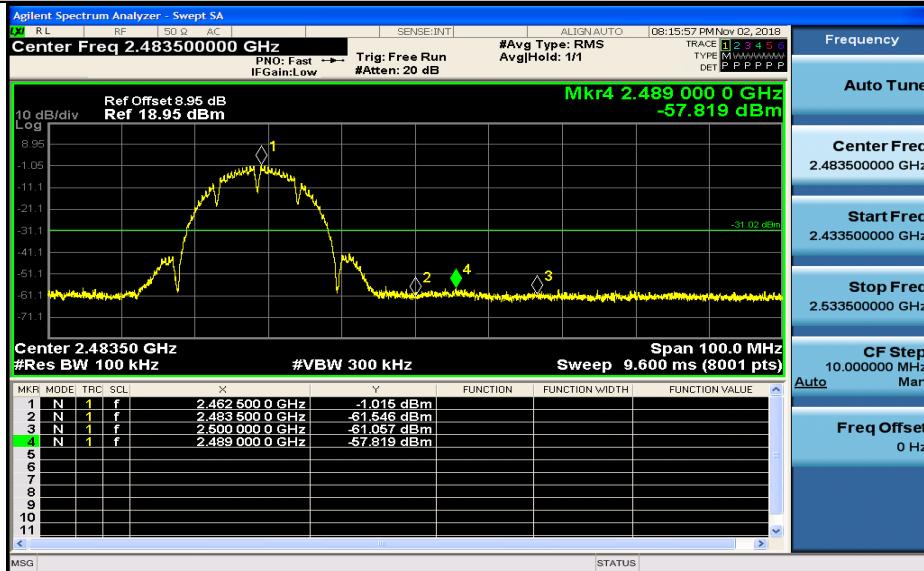
**4.Band-edge for RF Conducted Emissions**

Test Mode	Test Channel	Ant	Carrier Power[dBm]	Max. Spurious Level [dBm]	Limit [dBm]	Verdict
11B	2412	Ant1	-0.61	-42.97	-30.61	PASS
11B	2462	Ant1	-1.02	-57.82	-31.02	PASS
11G	2412	Ant1	-5.21	-44.66	-35.21	PASS
11G	2462	Ant1	-3.26	-54.91	-33.26	PASS
11N20SISO	2412	Ant1	-5.28	-44.81	-35.28	PASS
11N20SISO	2462	Ant1	-3.39	-53.53	-33.39	PASS
11N40SISO	2422	Ant1	-8.45	-43.81	-38.45	PASS
11N40SISO	2452	Ant1	-7.40	-50.65	-37.40	PASS

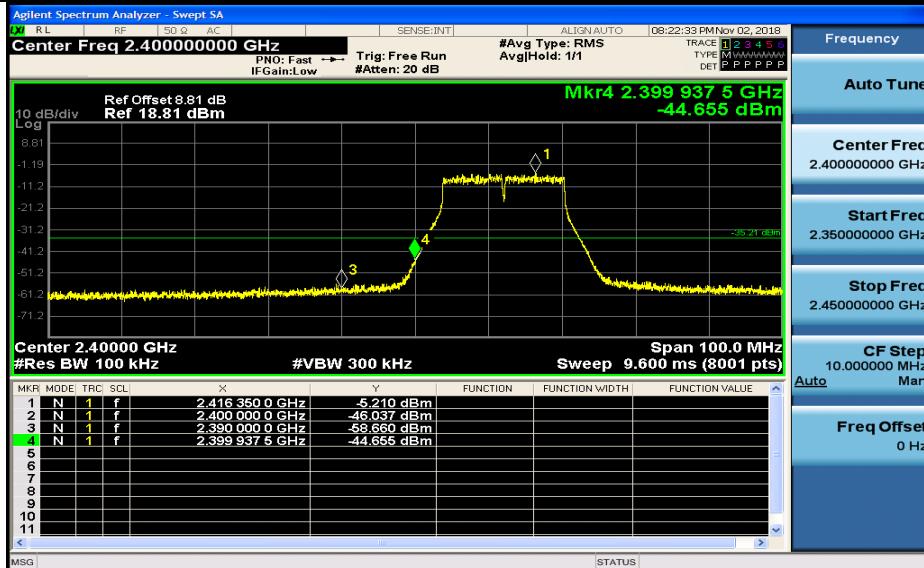
## Band-edge for RF Conducted Emissions\_11B\_2412\_Ant1



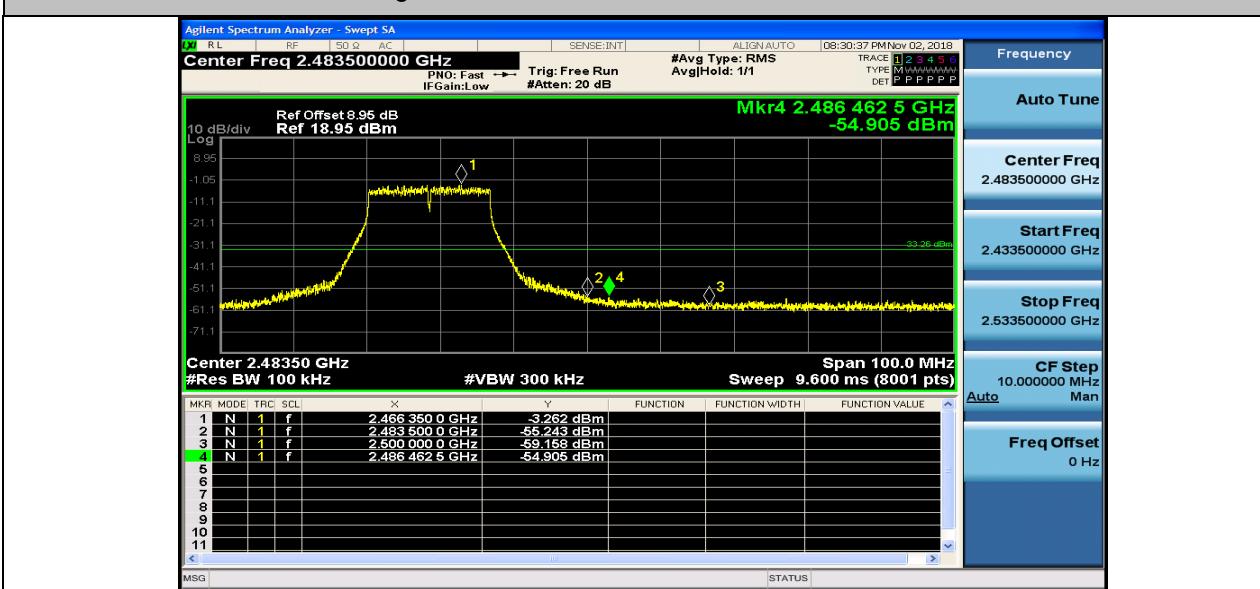
## Band-edge for RF Conducted Emissions\_11B\_2462\_Ant1



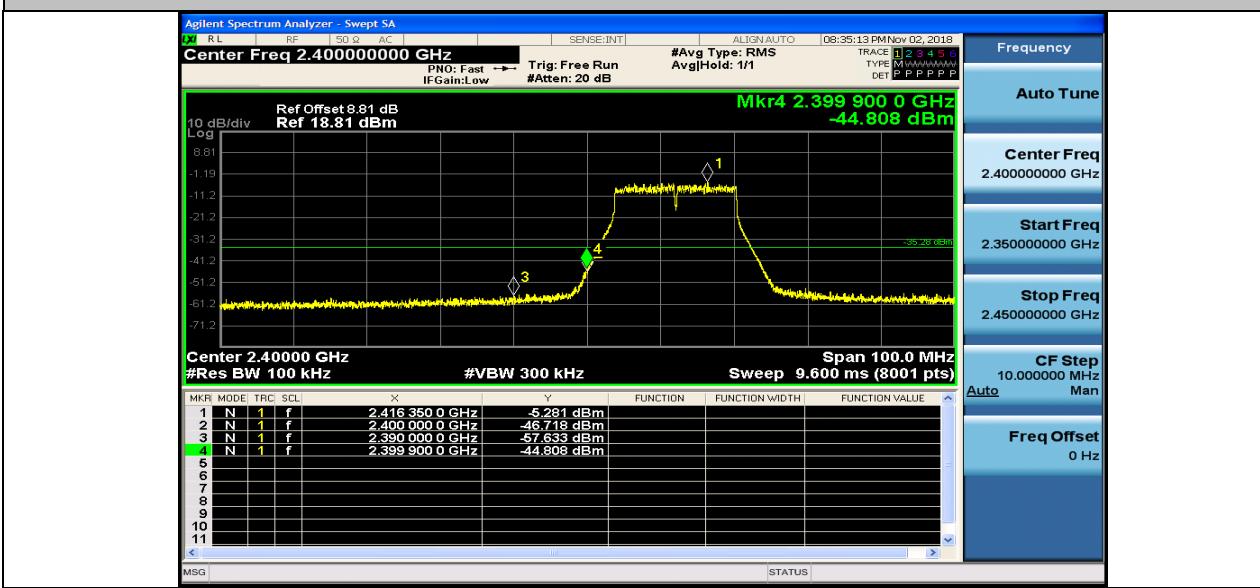
## Band-edge for RF Conducted Emissions\_11G\_2412\_Ant1



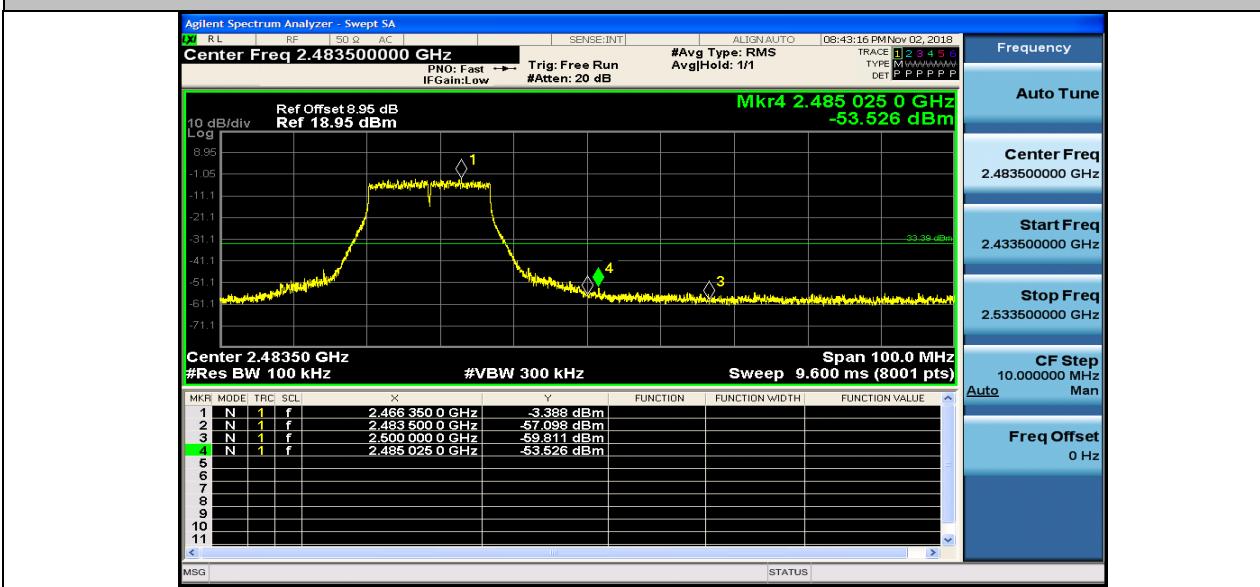
Band-edge for RF Conducted Emissions\_11G\_2462\_Ant1



## 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

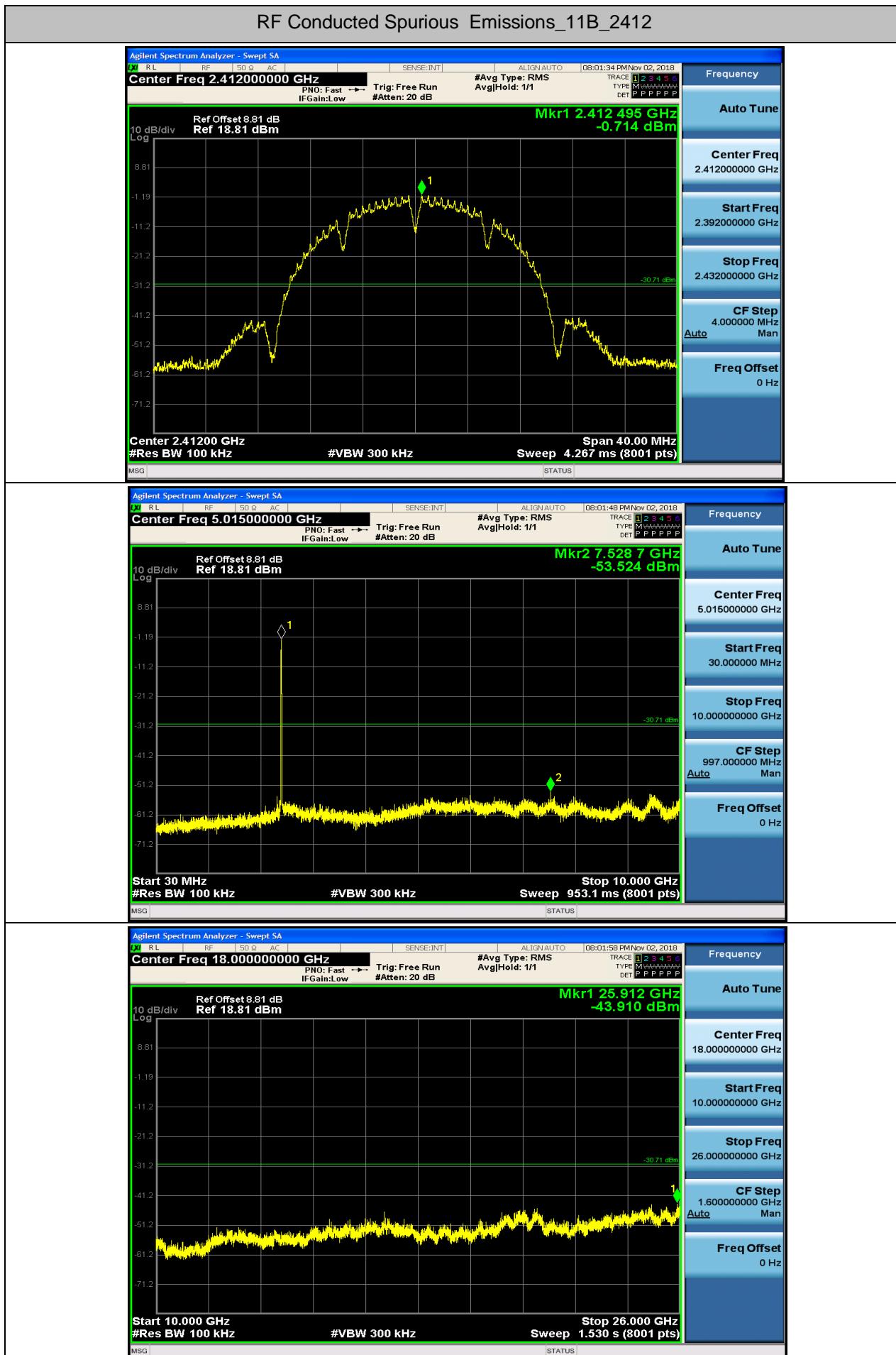


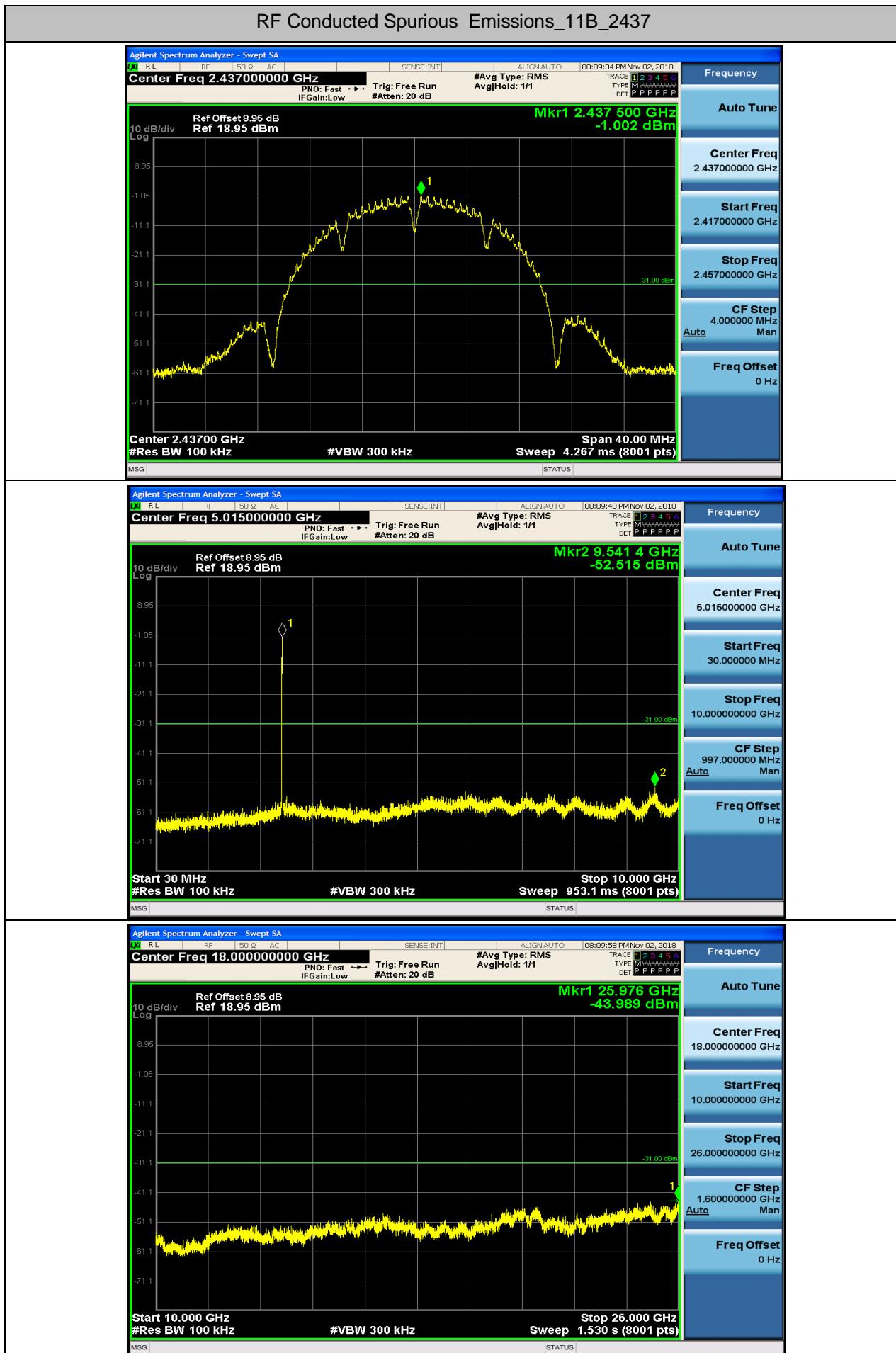
**5.RF Conducted Spurious Emissions**

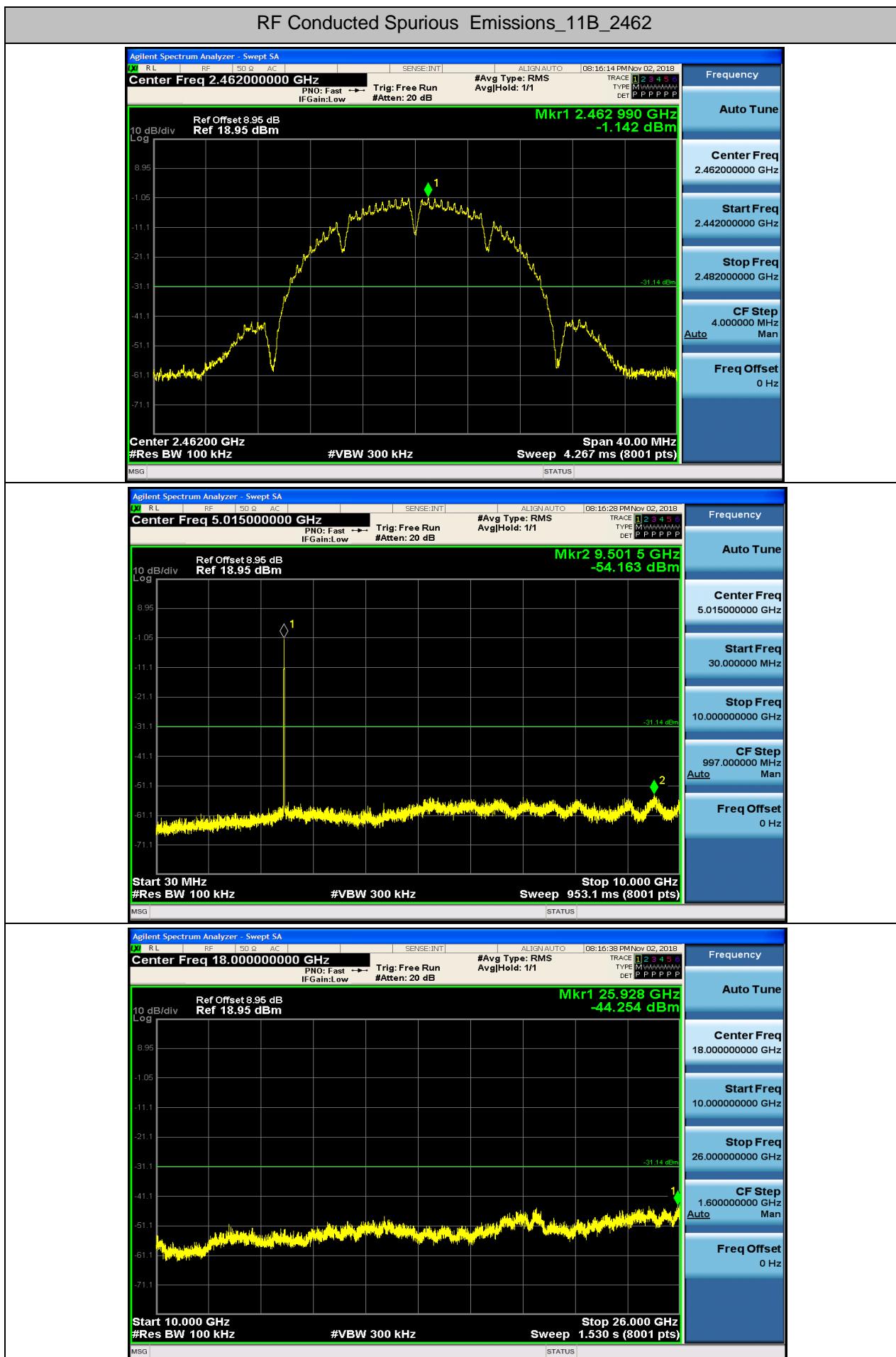
Test Mode	Test Channel	Ant	StartFre [MHz]	StopFre [MHz]	RBW [kHz]	VBW [kHz]	Pref[dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
11B	2412	Ant1	30	10000	100	300	-0.71	-53.52	<- 30.71	PASS
11B	2412	Ant1	10000	26000	100	300	-0.714	-43.910	<- 30.714	PASS
11B	2437	Ant1	30	10000	100	300	-1.00	-52.52	<- 31.00	PASS
11B	2437	Ant1	10000	26000	100	300	-1.002	-43.989	<- 31.002	PASS
11B	2462	Ant1	30	10000	100	300	-1.14	-54.16	<- 31.14	PASS
11B	2462	Ant1	10000	26000	100	300	-1.142	-44.254	<- 31.142	PASS
11G	2412	Ant1	30	10000	100	300	-5.32	-54.89	<- 35.32	PASS
11G	2412	Ant1	10000	26000	100	300	-5.32	-44.198	<- 35.32	PASS
11G	2437	Ant1	30	10000	100	300	-4.12	-53.39	<- 34.12	PASS
11G	2437	Ant1	10000	26000	100	300	-4.117	-43.525	<- 34.117	PASS
11G	2462	Ant1	30	10000	100	300	-3.31	-54.28	<- 33.31	PASS
11G	2462	Ant1	10000	26000	100	300	-3.314	-44.386	<- 33.314	PASS
11N20SISO	2412	Ant1	30	10000	100	300	-5.34	-54.11	<- 35.34	PASS
11N20SISO	2412	Ant1	10000	26000	100	300	-5.341	-43.656	<- 35.341	PASS
11N20SISO	2437	Ant1	30	10000	100	300	-4.14	-53.32	<- 34.14	PASS
11N20SISO	2437	Ant1	10000	26000	100	300	-4.136	-43.020	<- 34.136	PASS
11N20SISO	2462	Ant1	30	10000	100	300	-3.35	-53.91	<- 33.35	PASS
11N20SISO	2462	Ant1	10000	26000	100	300	-3.348	-44.154	<- 33.348	PASS
11N40SISO	2422	Ant1	30	10000	100	300	-8.51	-54.60	<- 38.51	PASS
11N40SISO	2422	Ant1	10000	26000	100	300	-8.505	-44.299	<- 38.505	PASS
11N40SISO	2437	Ant1	30	10000	100	300	-8.27	-54.33	<- 38.27	PASS
11N40SISO	2437	Ant1	10000	26000	100	300	-8.266	-43.463	<- 38.266	PASS
11N40SISO	2452	Ant1	30	10000	100	300	-7.62	-53.13	<- 37.62	PASS

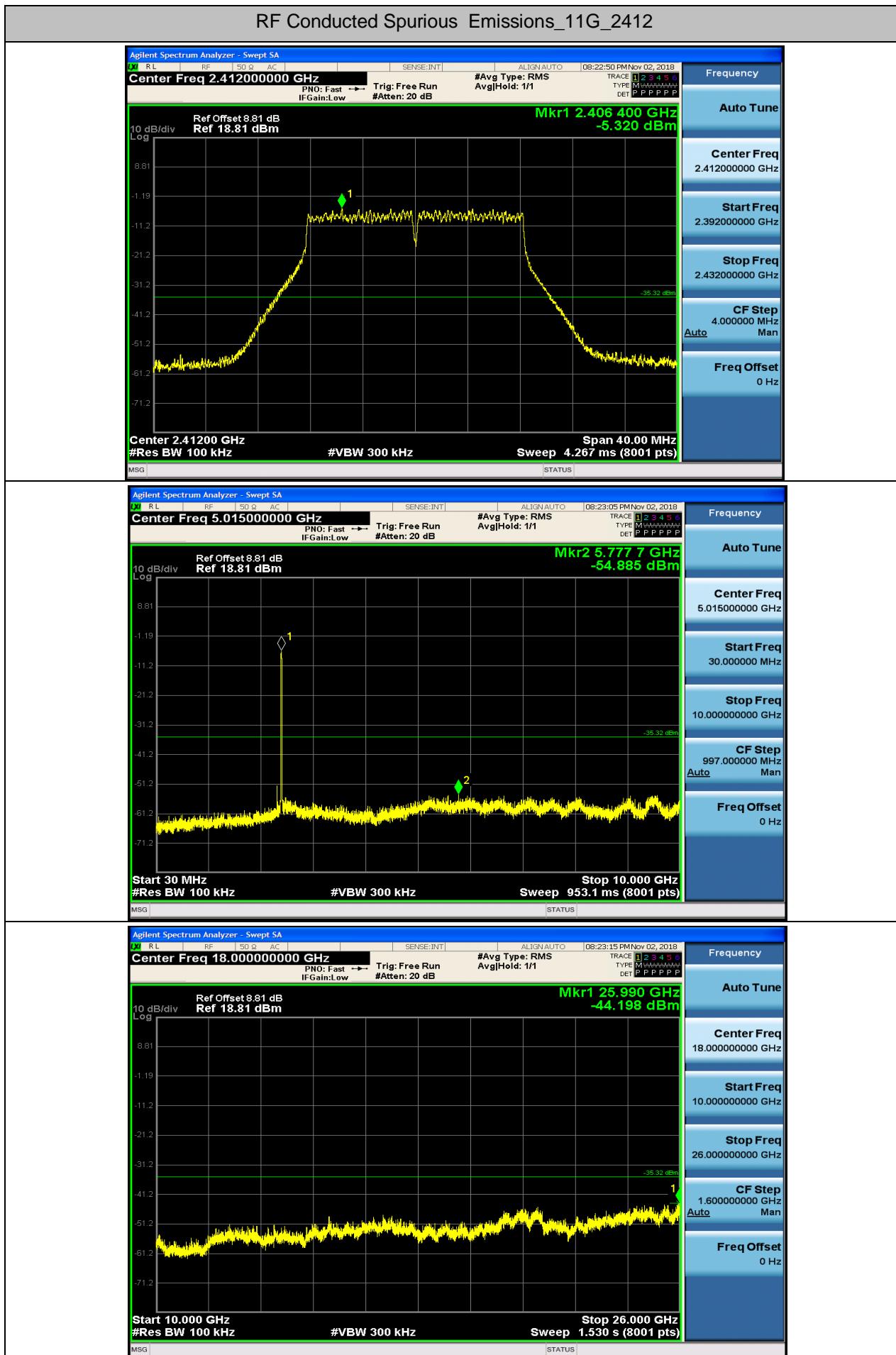


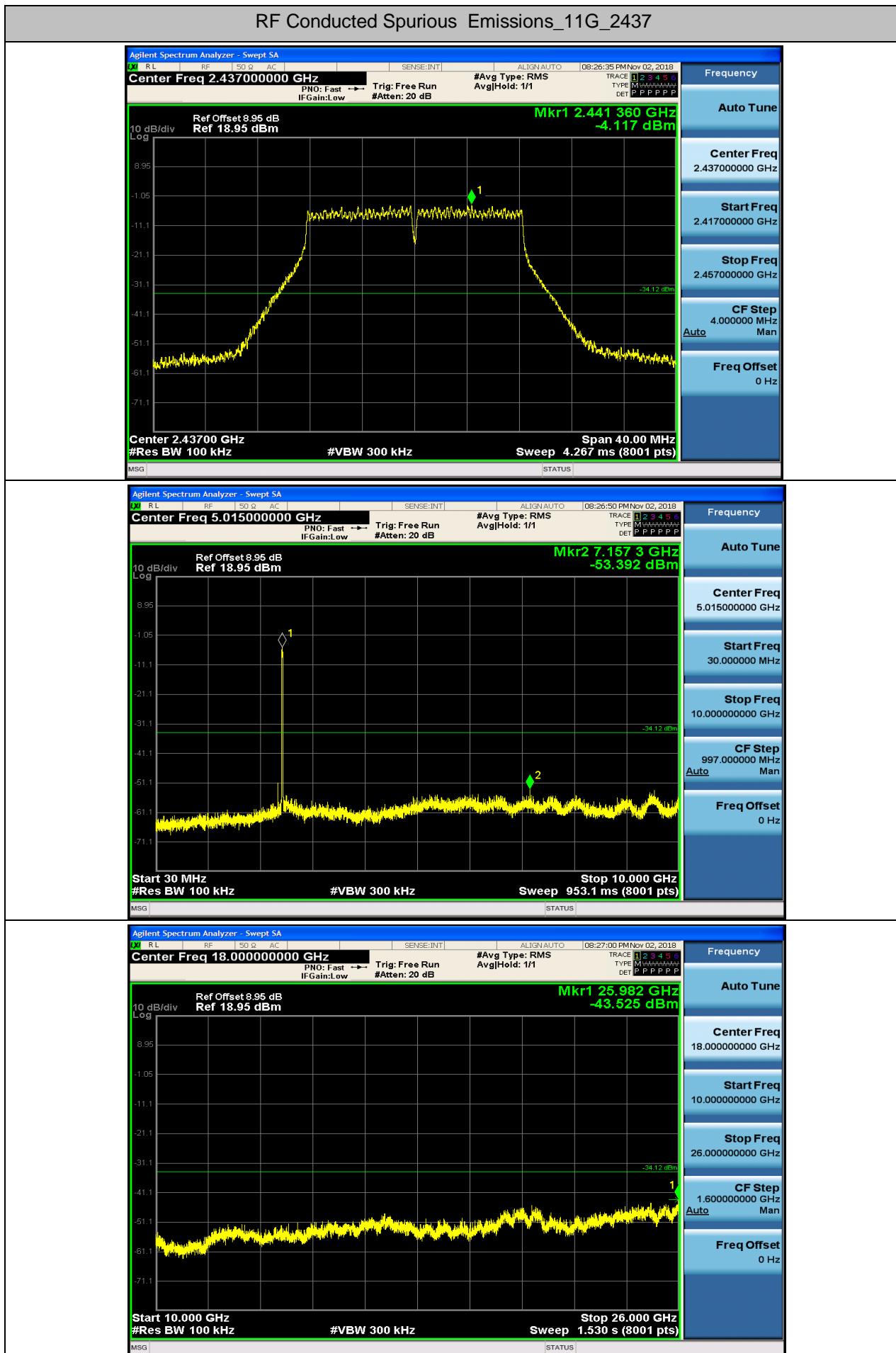
11N40SISO	2452	Ant1	10000	26000	100	300	-7.621	-43.037	< 37.621	PASS
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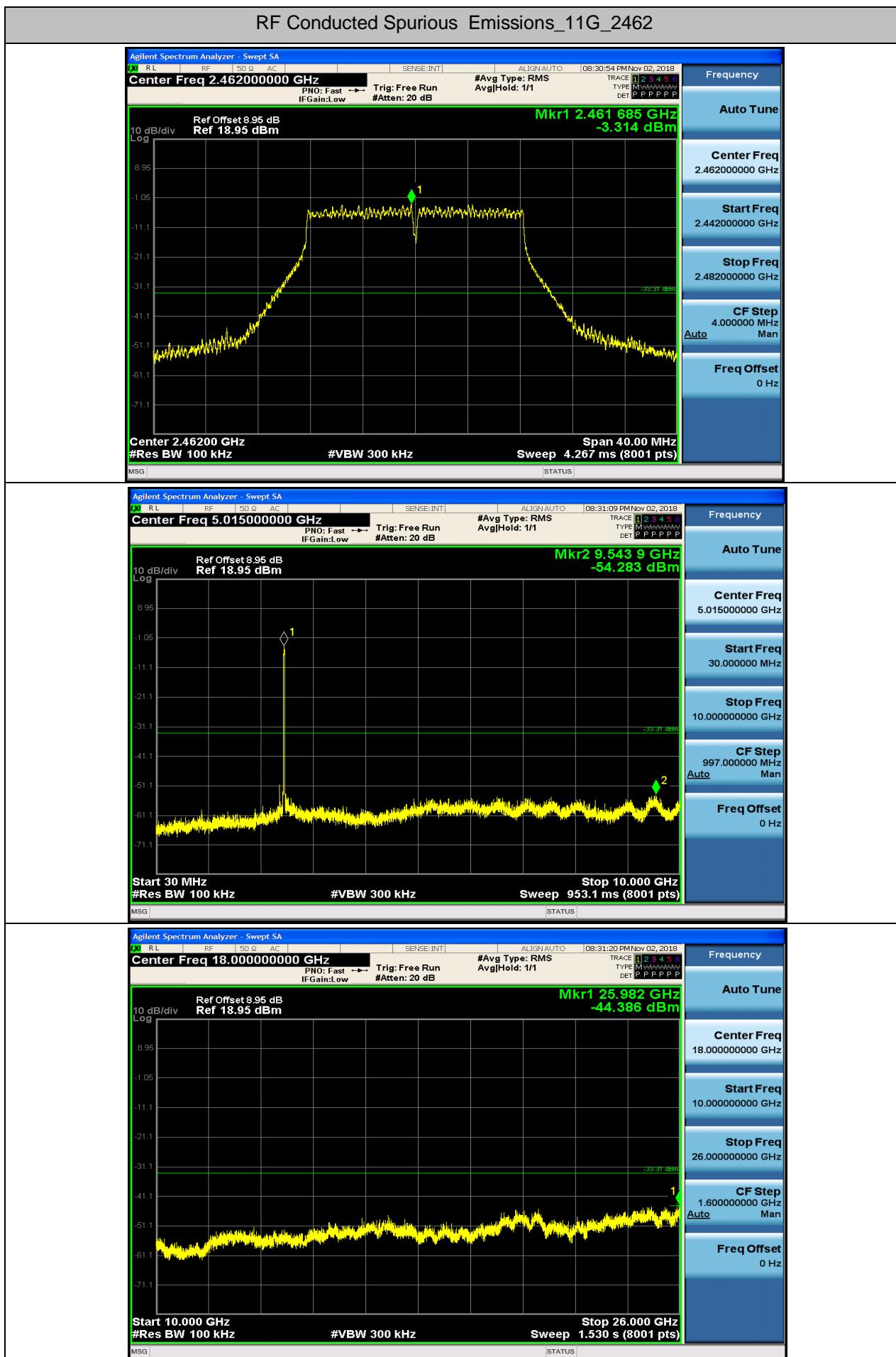


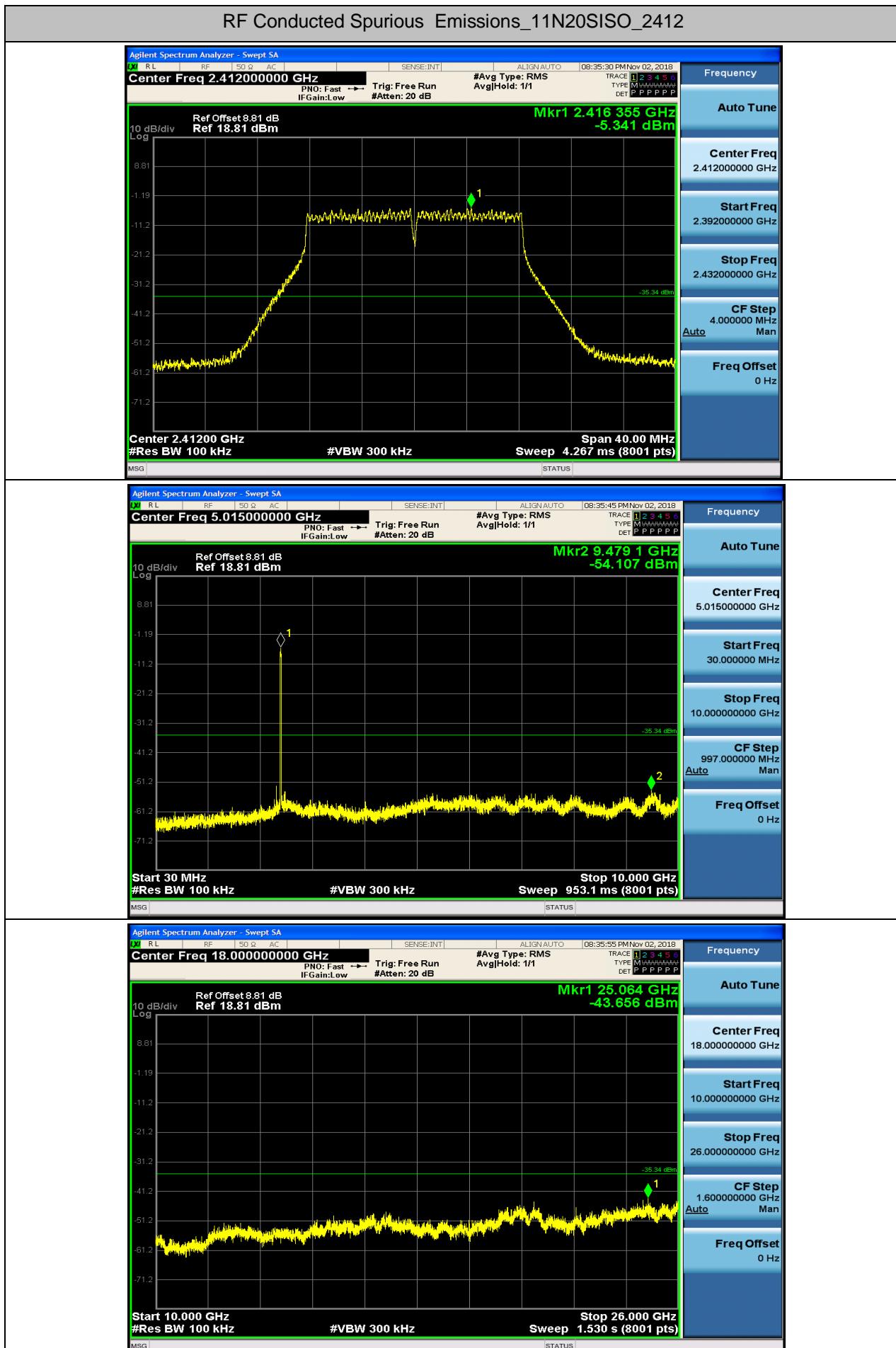


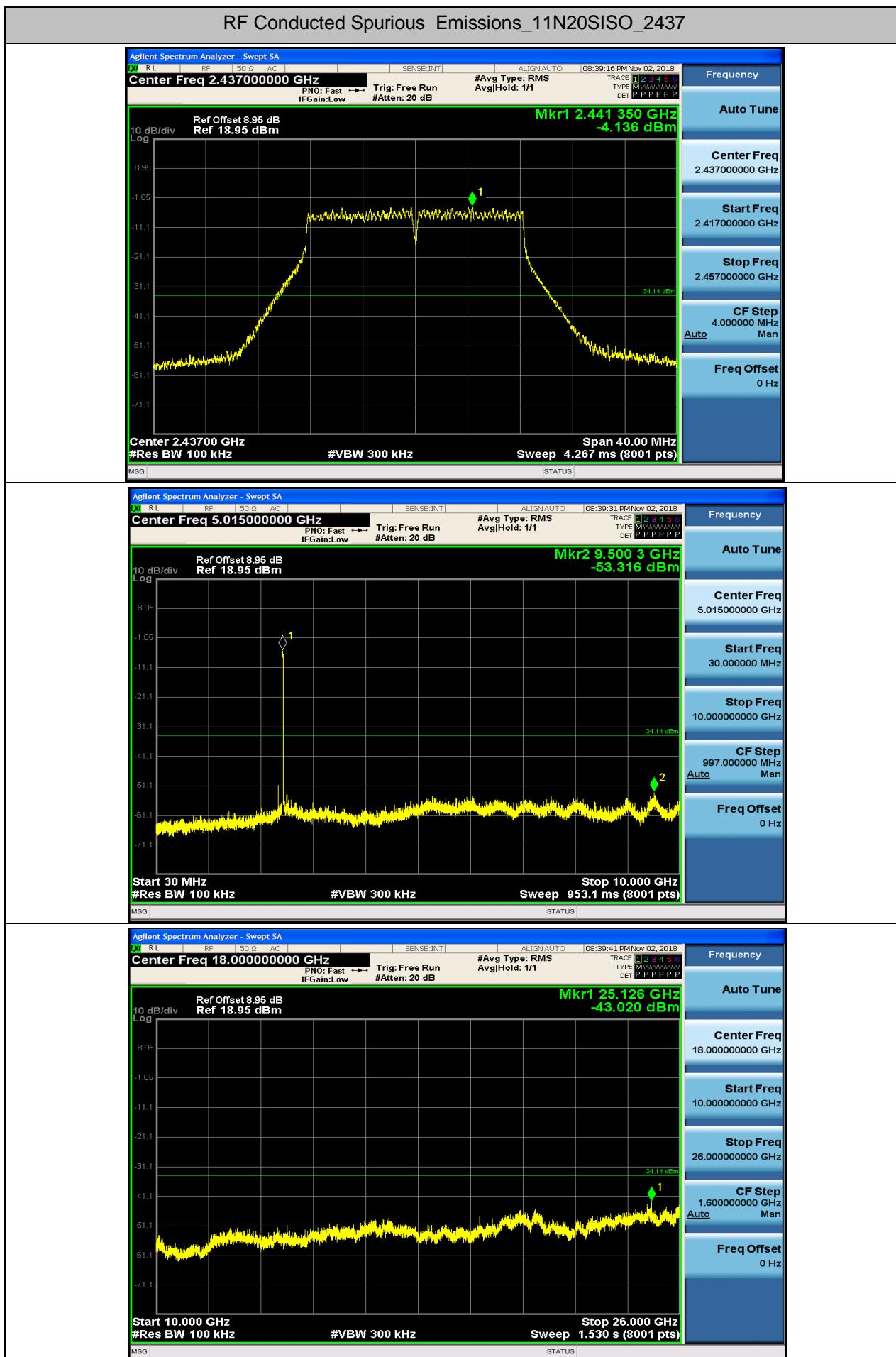


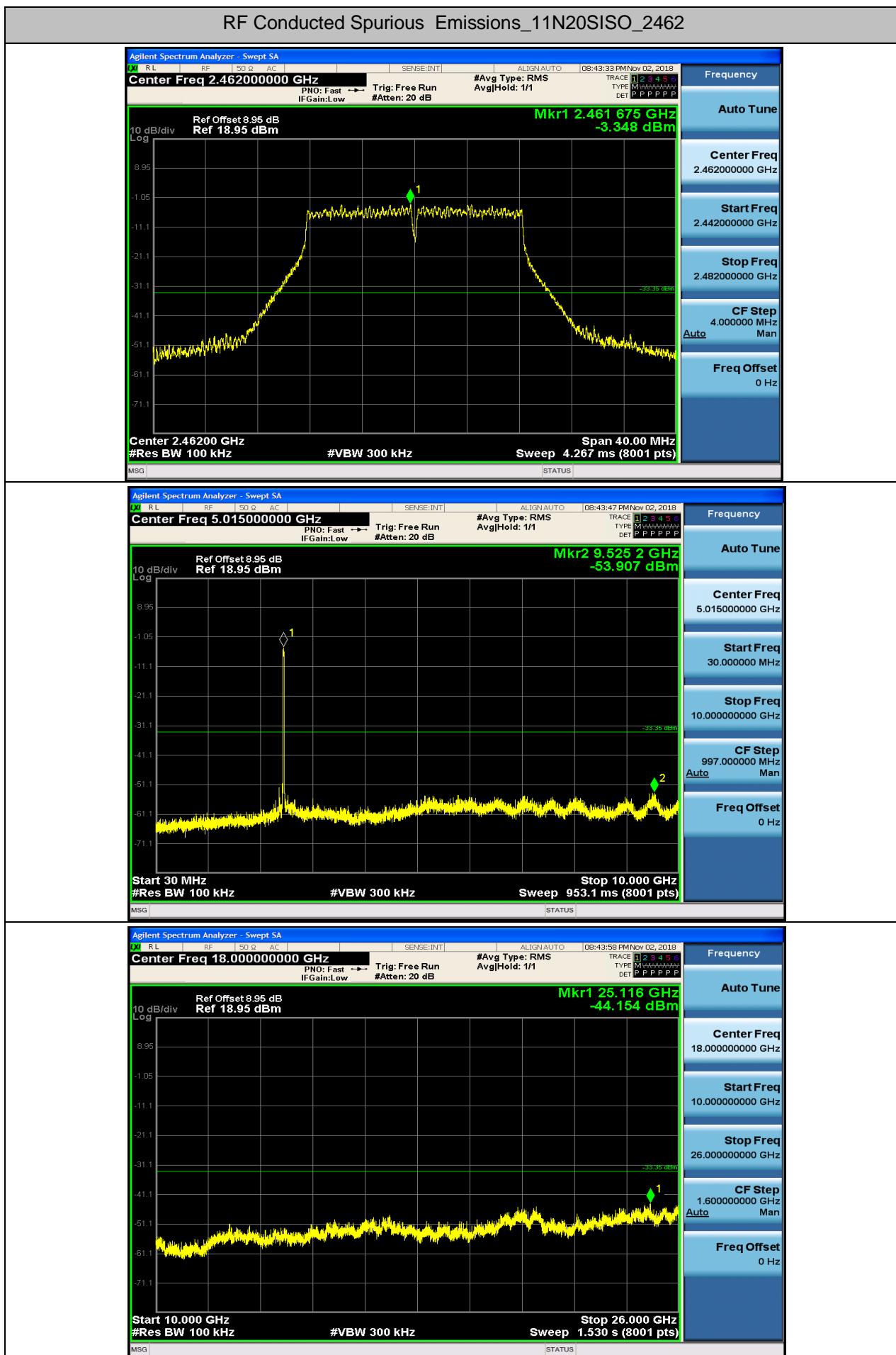


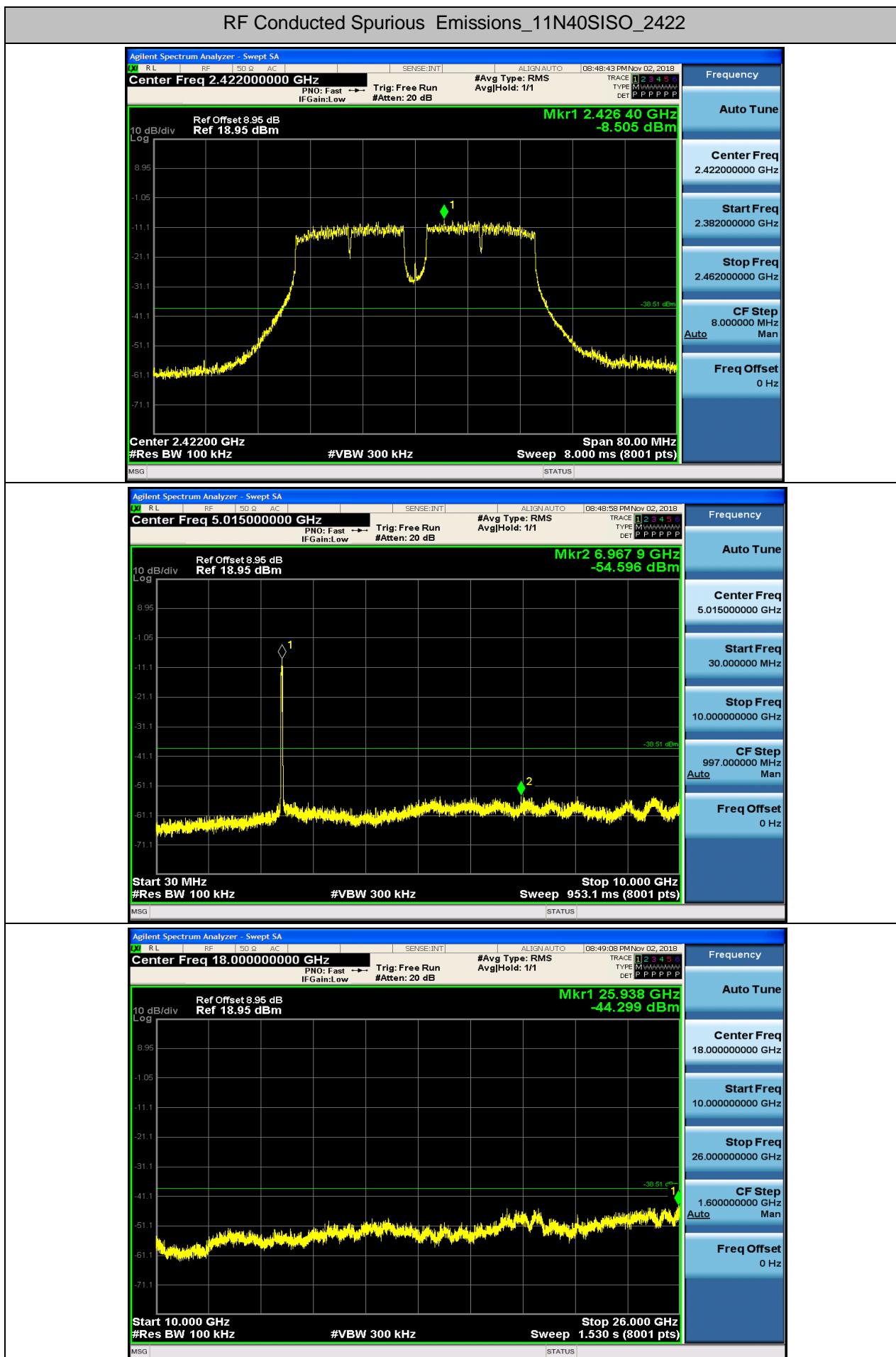


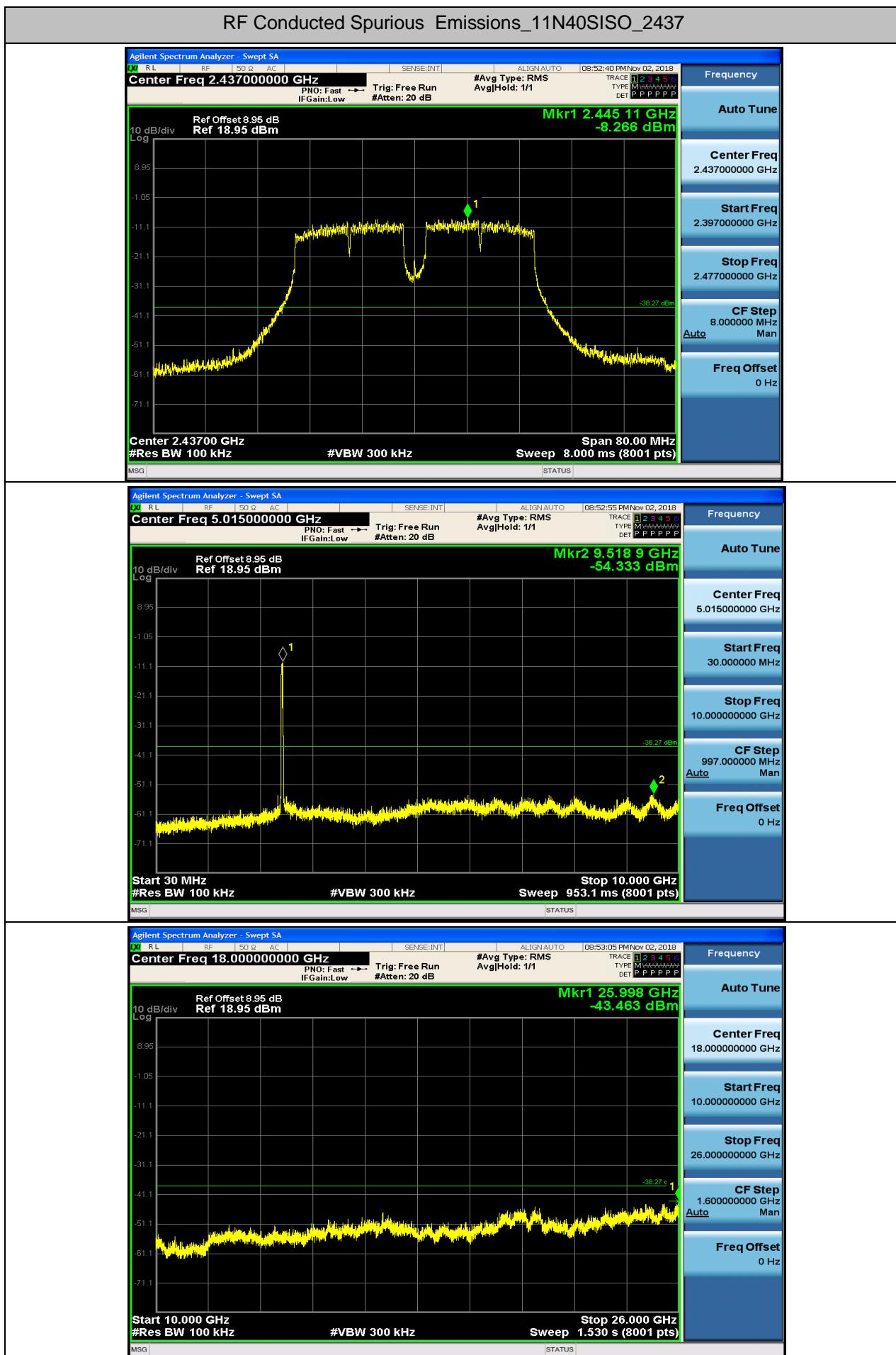


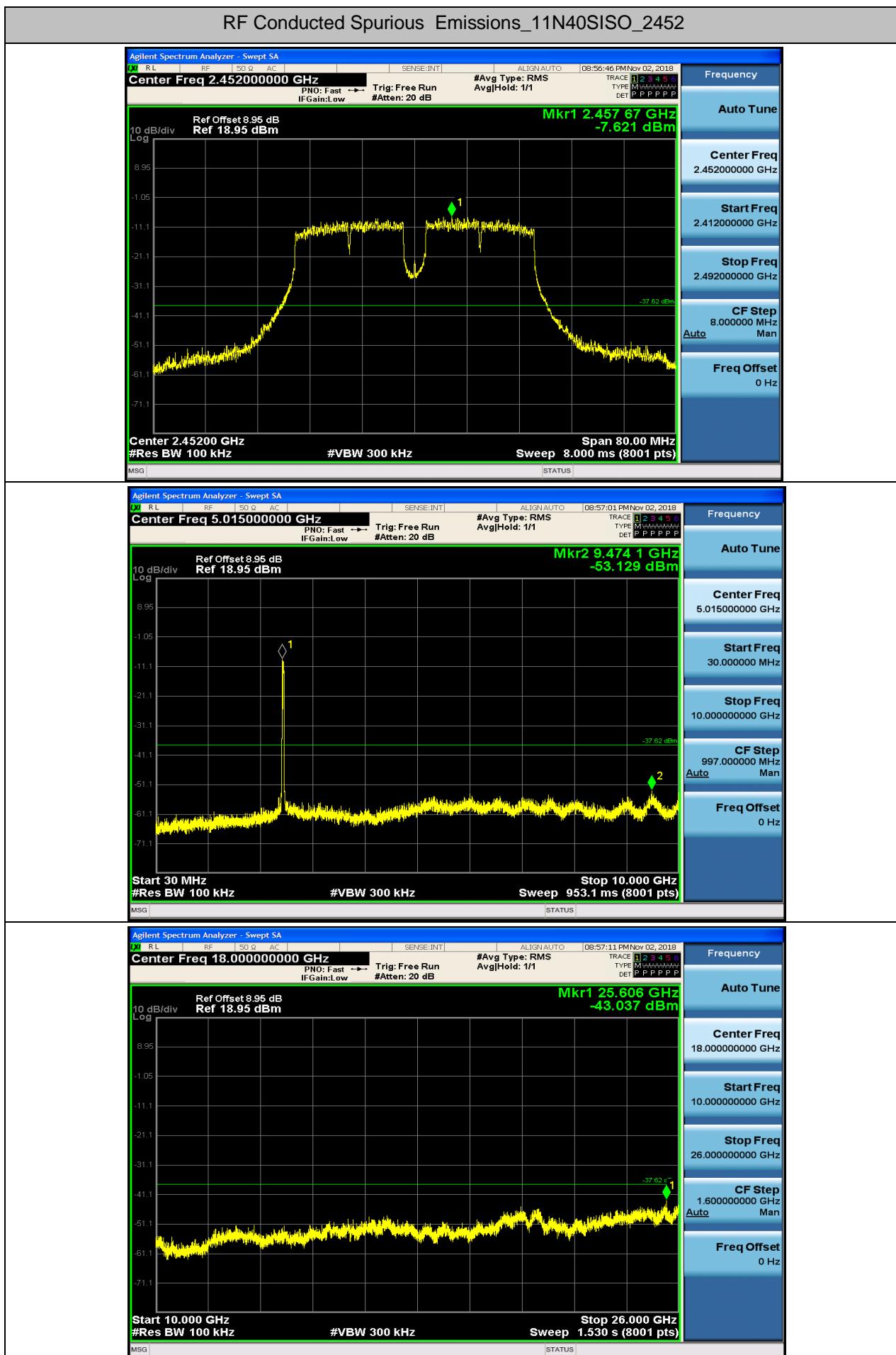








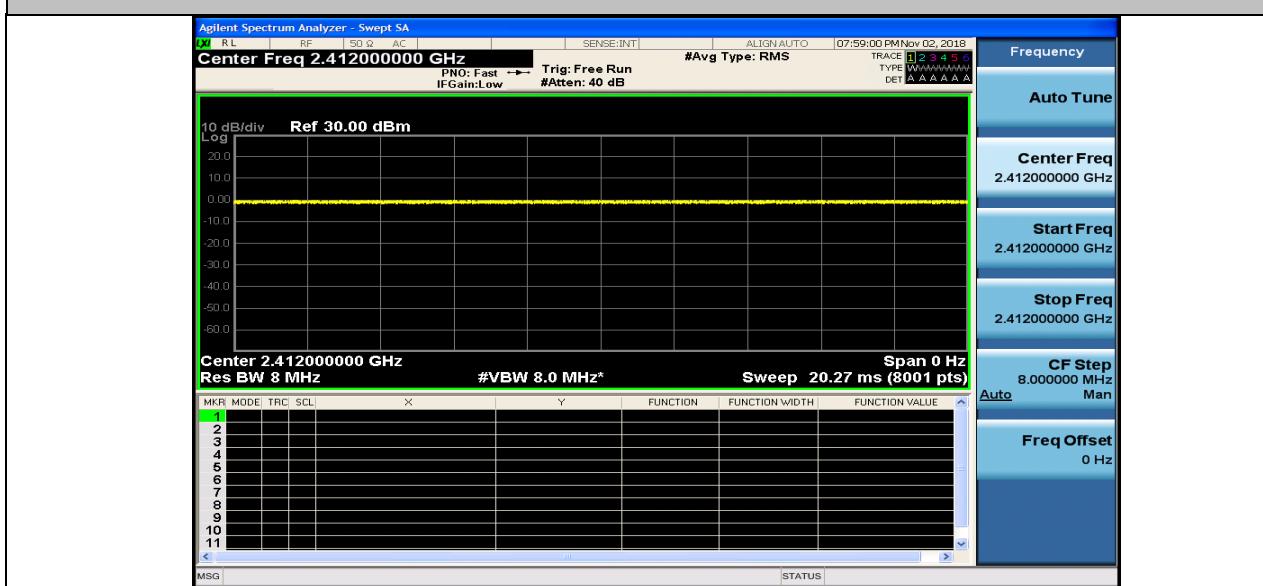




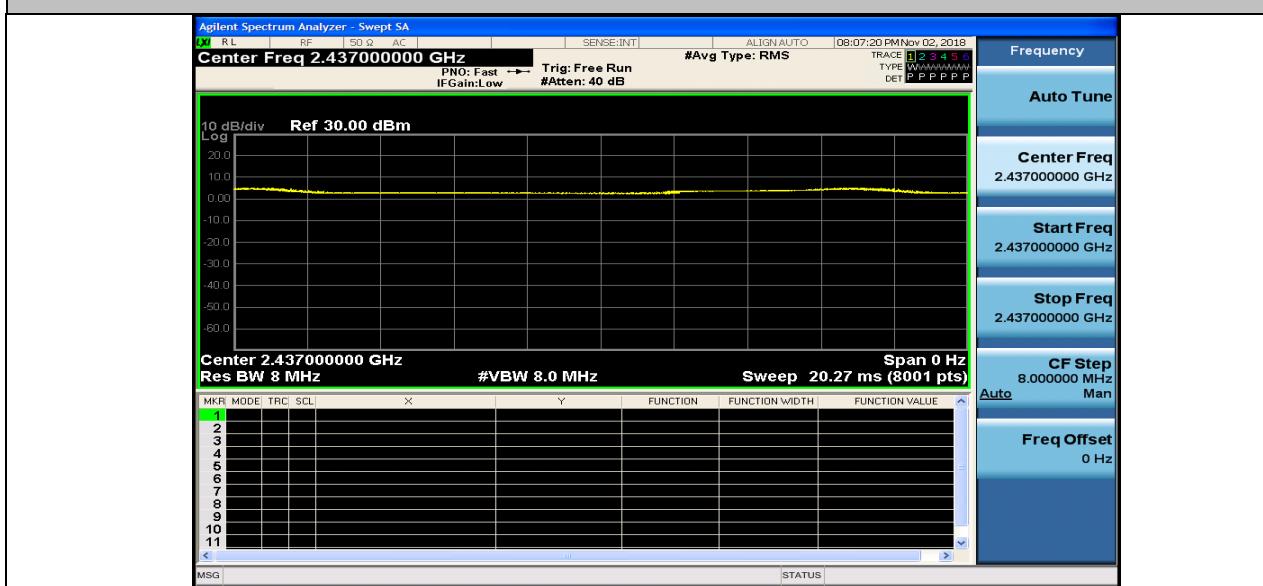
**6.Duty Cycle**

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

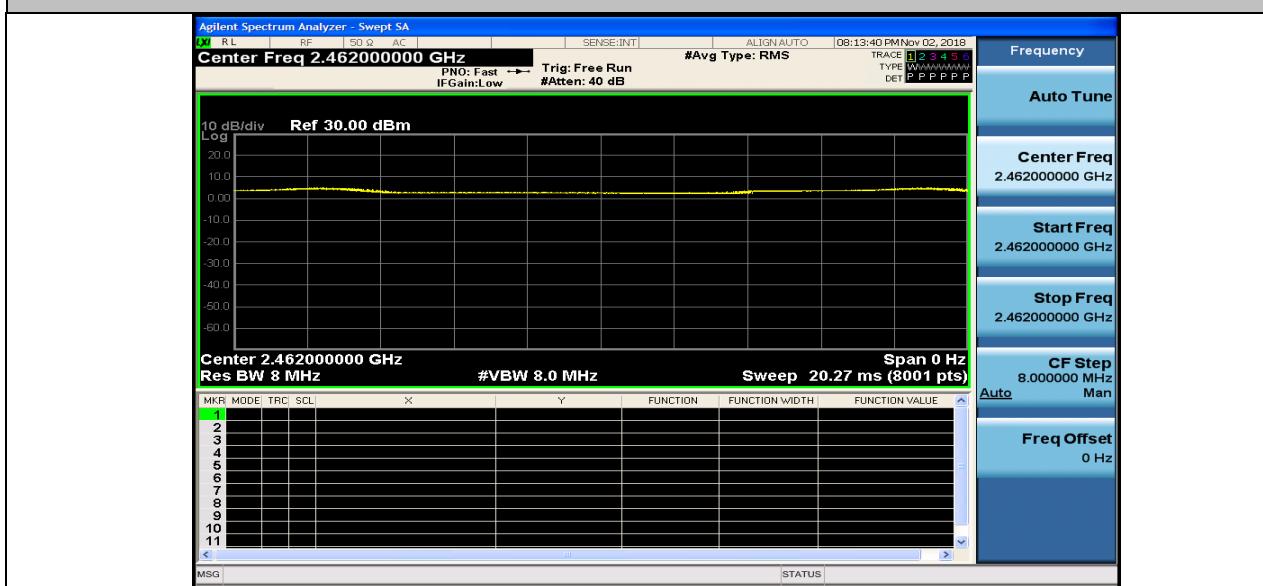
## Duty Cycle\_11B\_2412\_Ant1

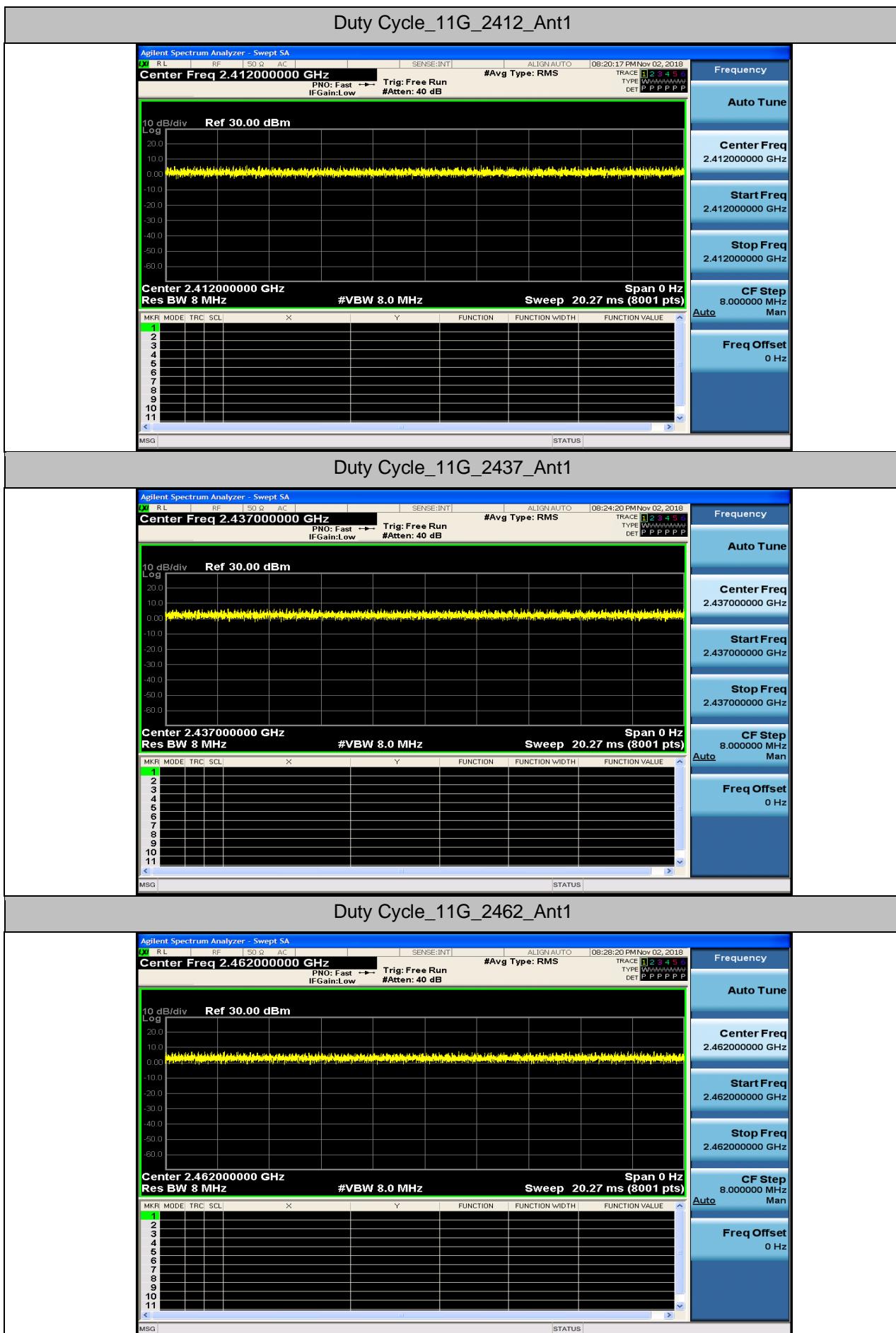


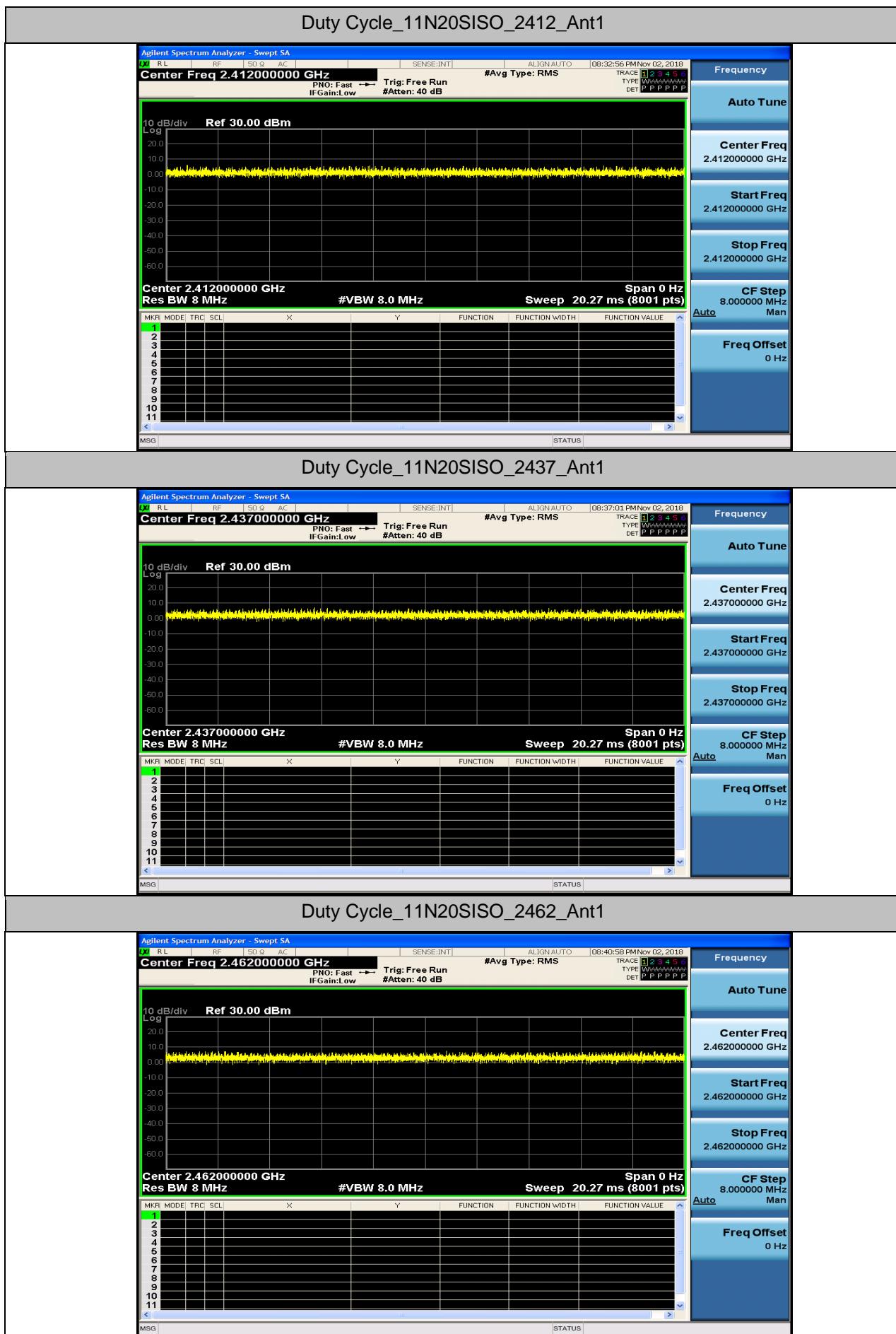
## Duty Cycle\_11B\_2437\_Ant1

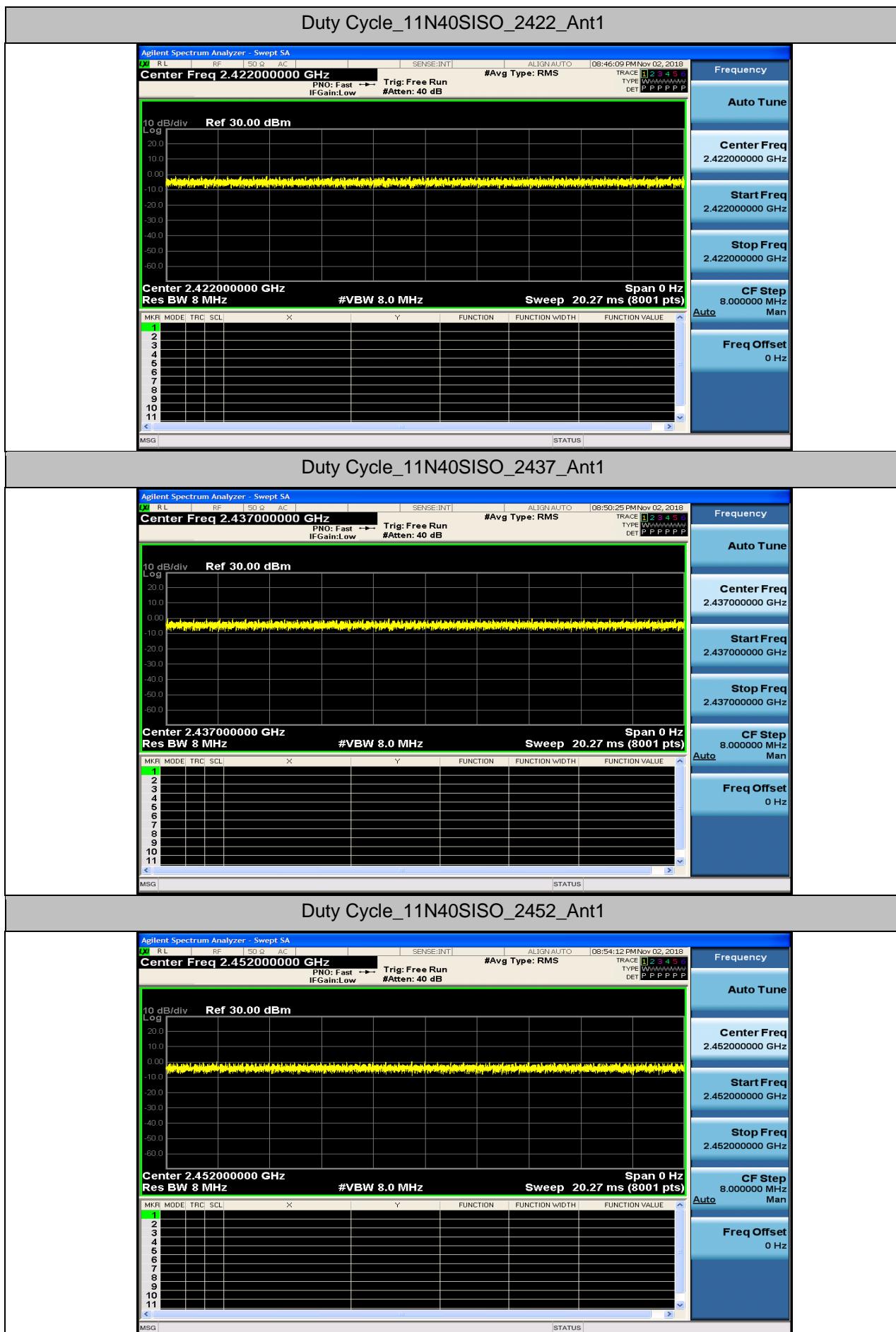


## Duty Cycle\_11B\_2462\_Ant1











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