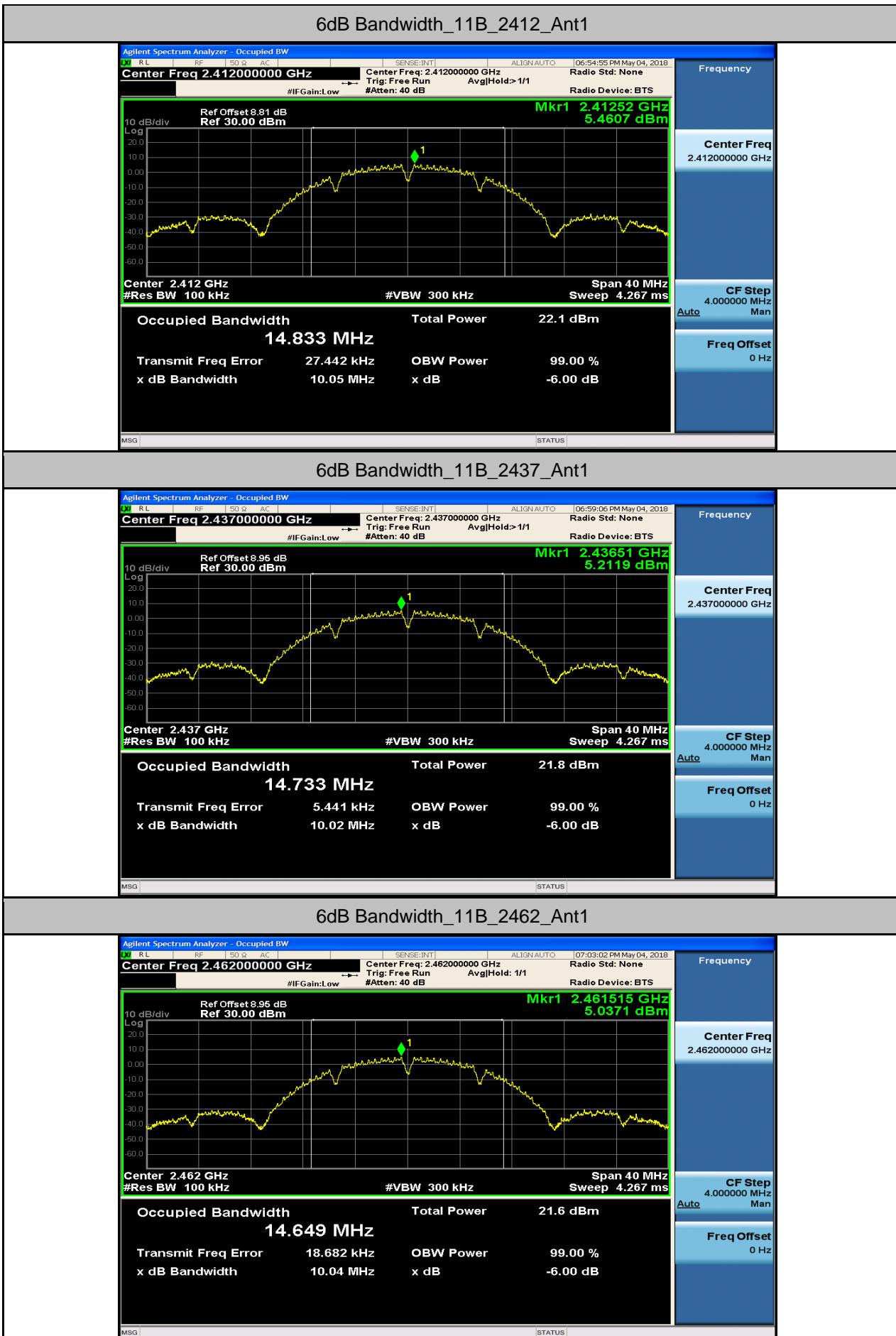
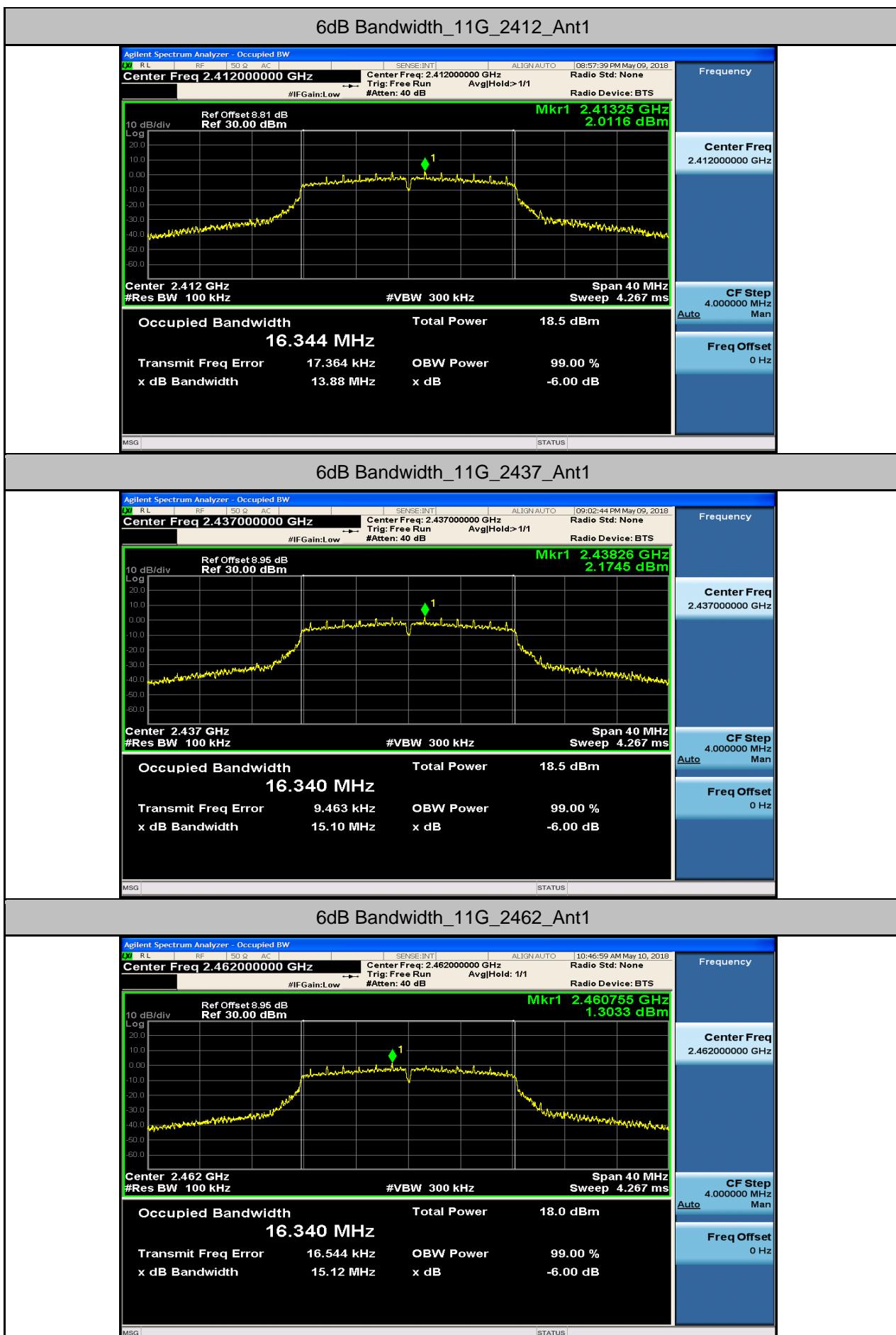
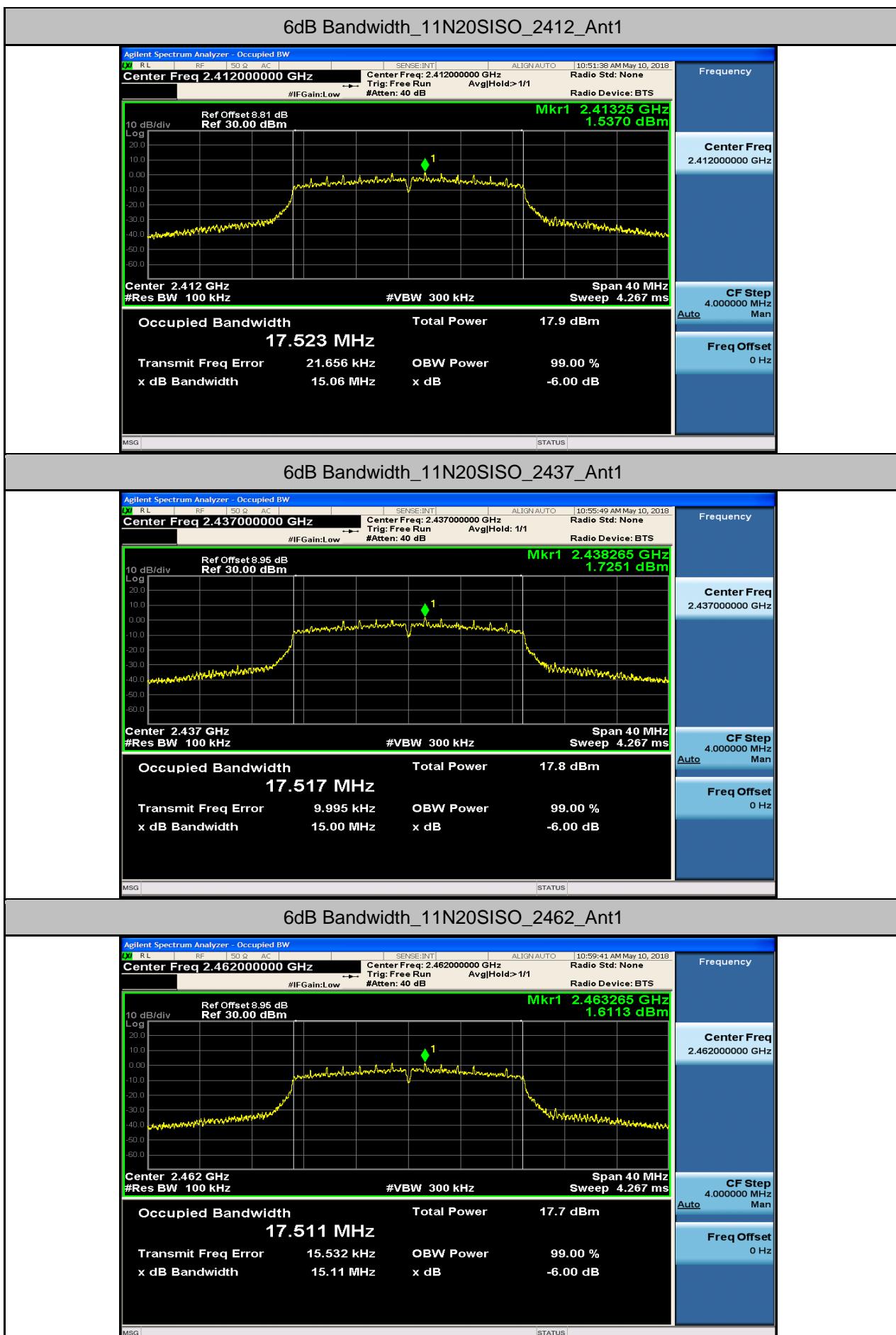


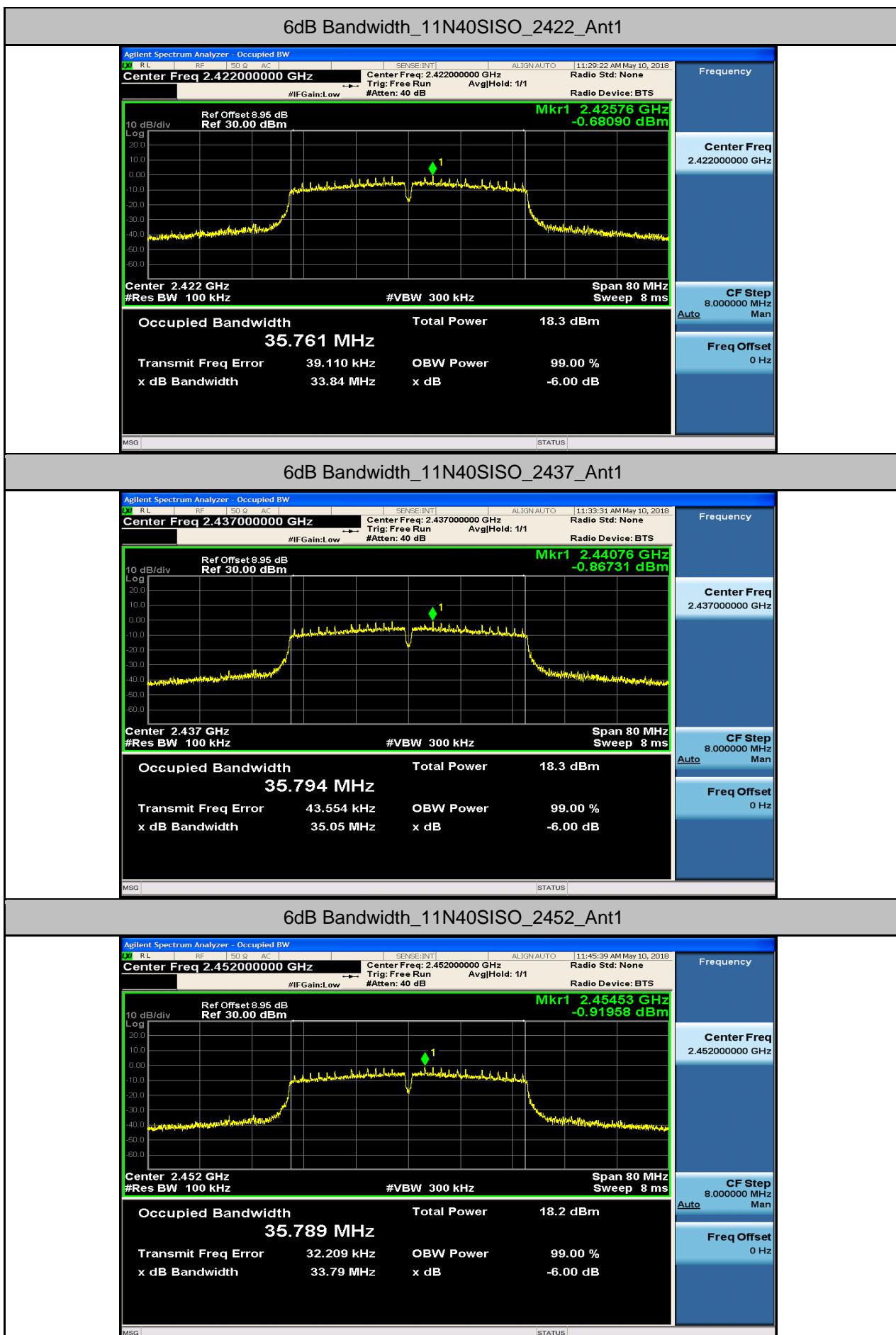
**Appendix A for SHEM180400313201****1.6dB Bandwidth**

Test Mode	Test Channel	Ant	EBW[MHz]	Limit	Verdict
11B	2412	Ant1	10.05	0.5	PASS
11B	2437	Ant1	10.02	0.5	PASS
11B	2462	Ant1	10.04	0.5	PASS
11G	2412	Ant1	13.88	0.5	PASS
11G	2437	Ant1	15.10	0.5	PASS
11G	2462	Ant1	15.12	0.5	PASS
11N20SISO	2412	Ant1	15.06	0.5	PASS
11N20SISO	2437	Ant1	15.00	0.5	PASS
11N20SISO	2462	Ant1	15.11	0.5	PASS
11N40SISO	2422	Ant1	33.84	0.5	PASS
11N40SISO	2437	Ant1	35.05	0.5	PASS
11N40SISO	2452	Ant1	33.79	0.5	PASS









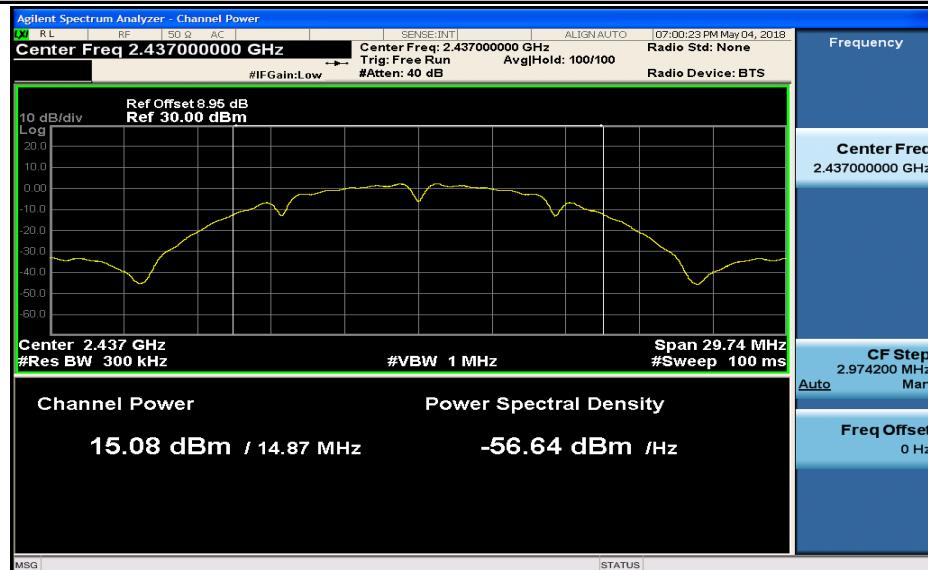
**2. Maximum conducted (average) output power**

Test Mode	Test Channel	Ant	Level [dBm]	10log(1/x) Factor[dB]	Power [dBm]	Limit [dBm]	Verdict
11B	2412	Ant1	15.24	0.02	15.25	30	PASS
11B	2437	Ant1	15.08	0.04	15.13	30	PASS
11B	2462	Ant1	14.91	0.01	14.92	30	PASS
11G	2412	Ant1	11.91	0.41	12.32	30	PASS
11G	2437	Ant1	11.96	0.44	12.40	30	PASS
11G	2462	Ant1	11.53	0.34	11.87	30	PASS
11N20SISO	2412	Ant1	11.42	0.52	11.95	30	PASS
11N20SISO	2437	Ant1	11.22	0.30	11.52	30	PASS
11N20SISO	2462	Ant1	11.19	0.30	11.49	30	PASS
11N40SISO	2422	Ant1	11.27	0.55	11.82	30	PASS
11N40SISO	2437	Ant1	11.39	0.64	12.02	30	PASS
11N40SISO	2452	Ant1	11.09	0.59	11.68	30	PASS

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



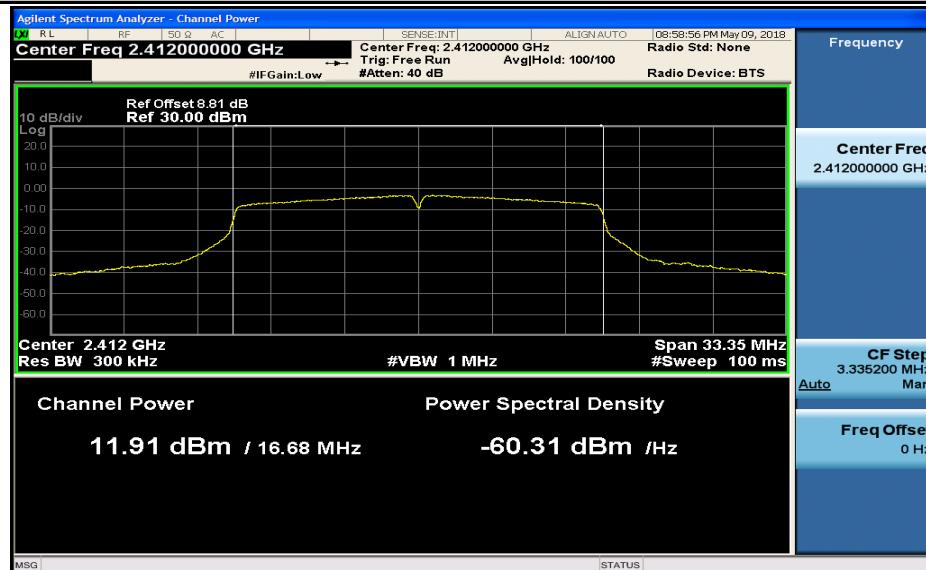
## Maximum conducted (average) output power\_11B\_2437\_Ant1



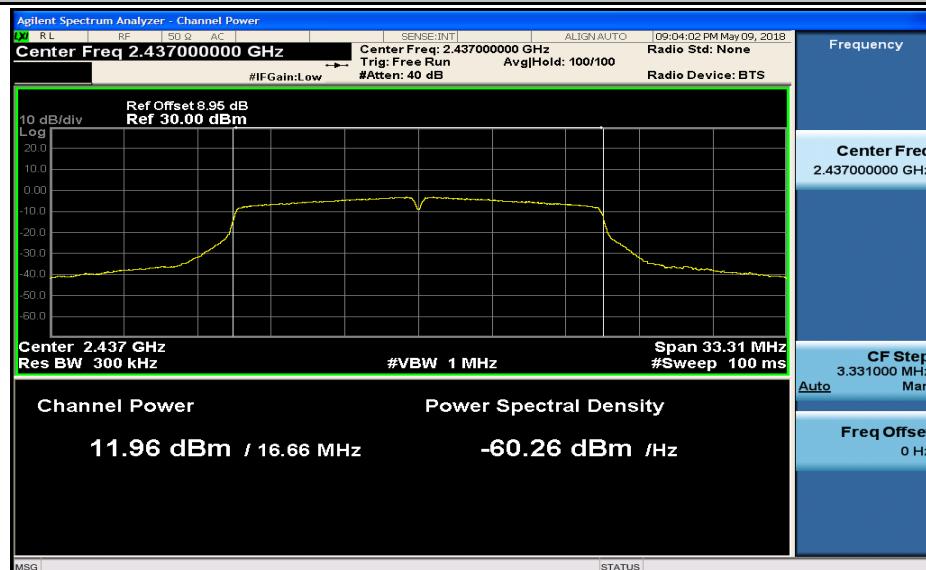
## Maximum conducted (average) output power\_11B\_2462\_Ant1



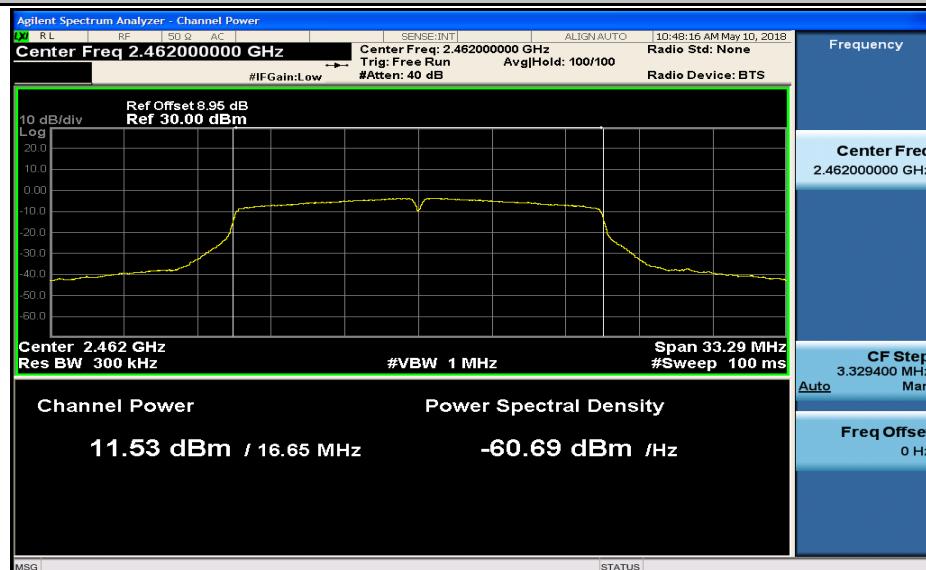
## Maximum conducted (average) output power\_11G\_2412\_Ant1



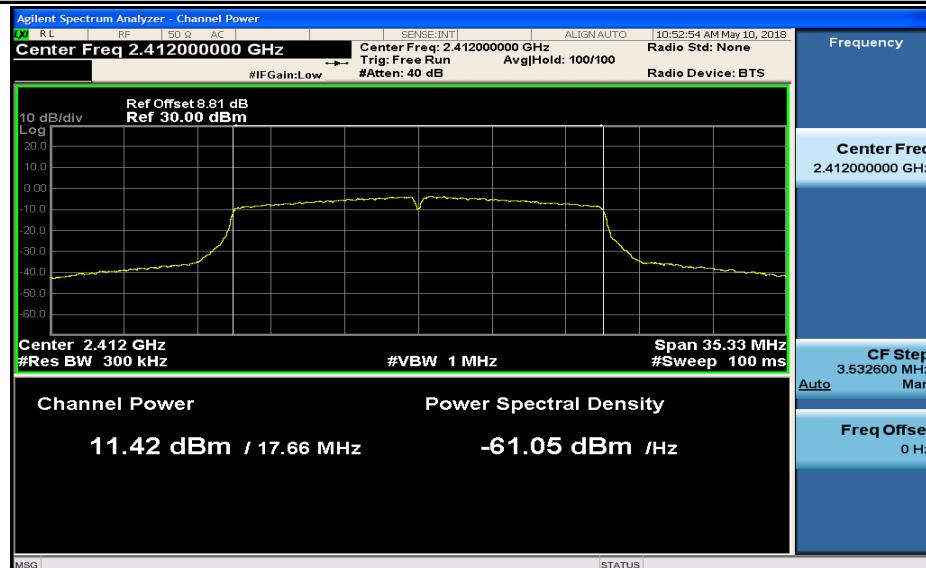
## Maximum conducted (average) output power\_11G\_2437\_Ant1



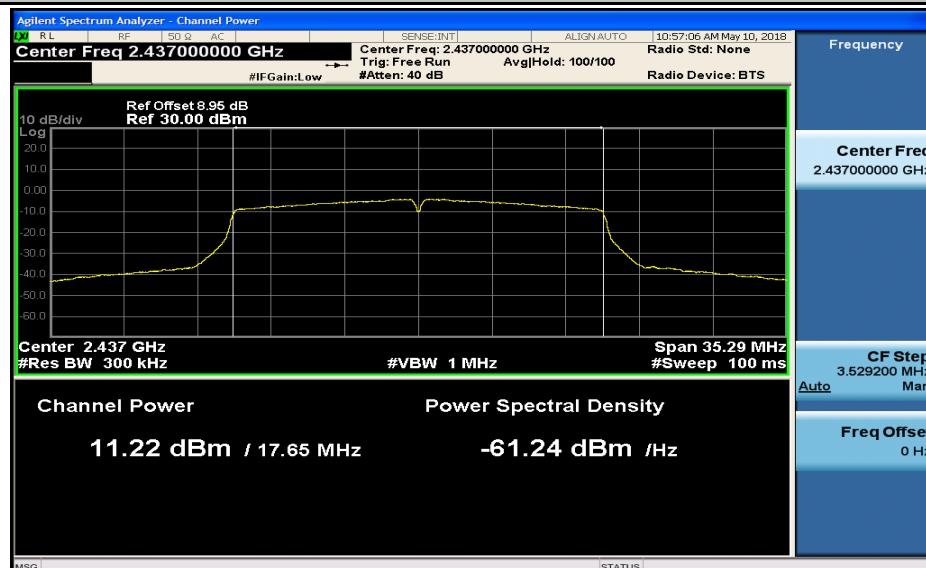
## Maximum conducted (average) output power\_11G\_2462\_Ant1



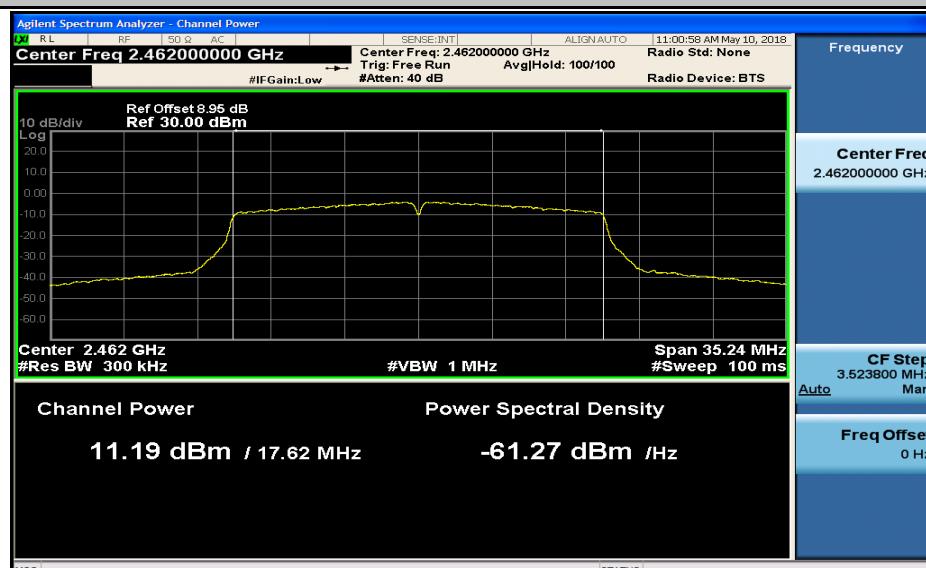
## Maximum conducted (average) output power\_11N20SISO\_2412\_Ant1



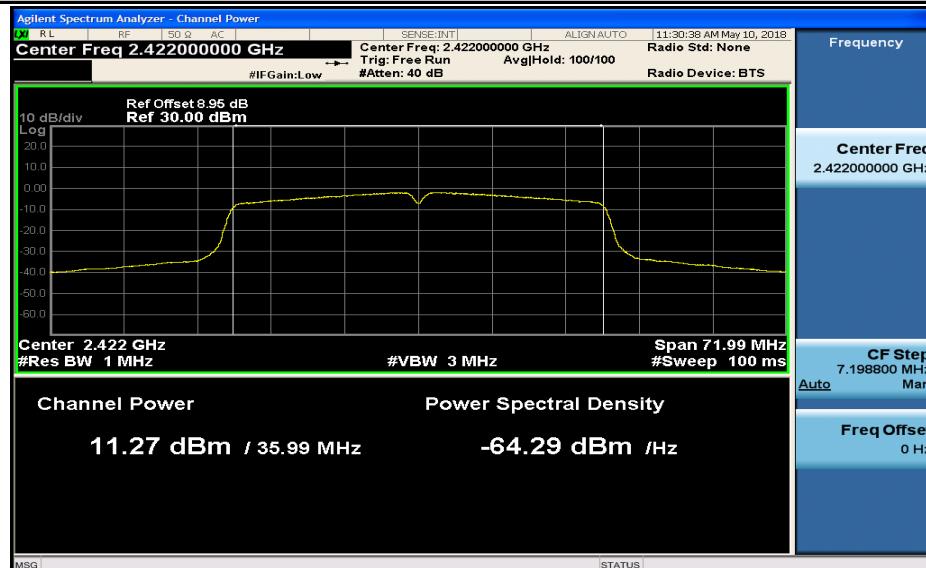
## Maximum conducted (average) output power\_11N20SISO\_2437\_Ant1



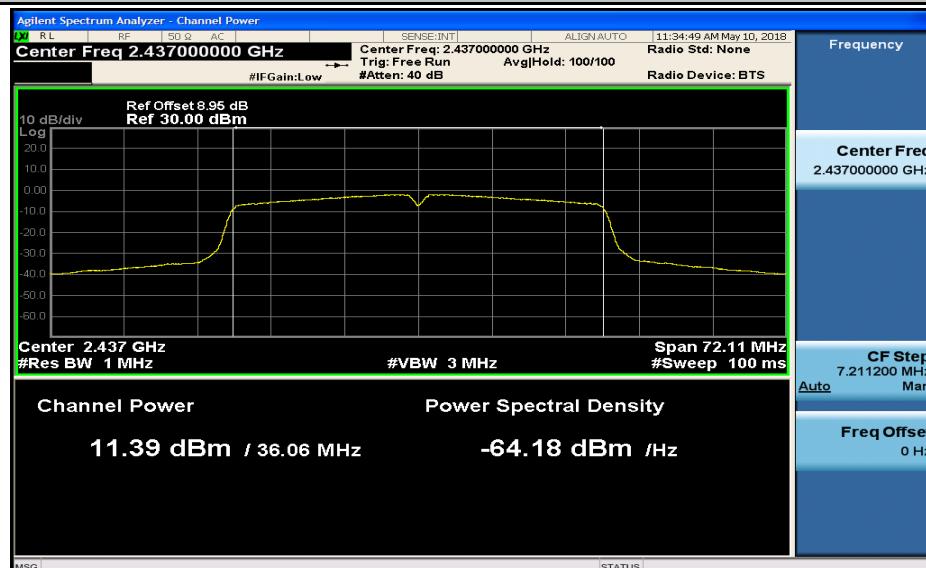
## Maximum conducted (average) output power\_11N20SISO\_2462\_Ant1



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



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

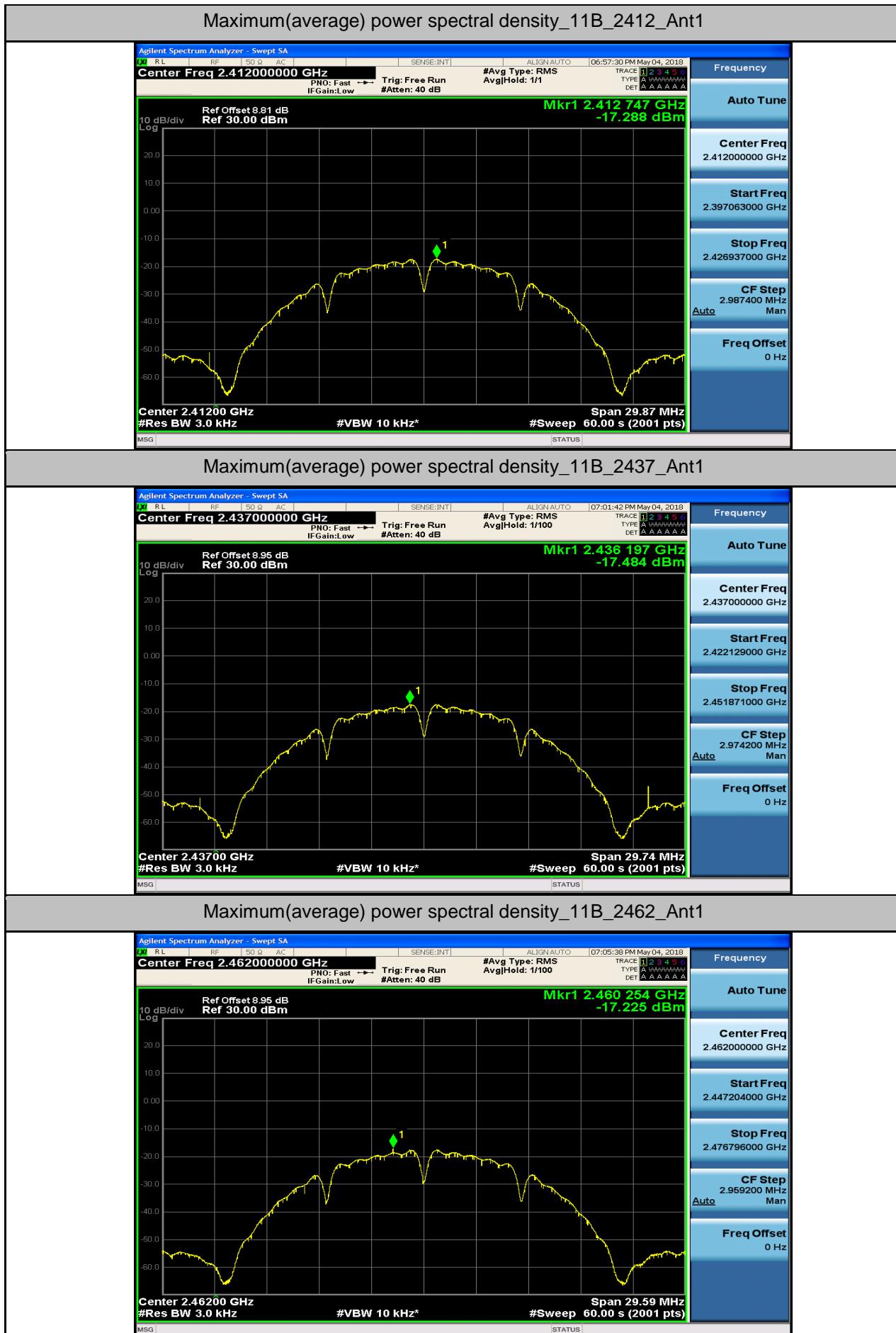


## Maximum conducted (average) output power\_11N40SISO\_2452\_Ant1

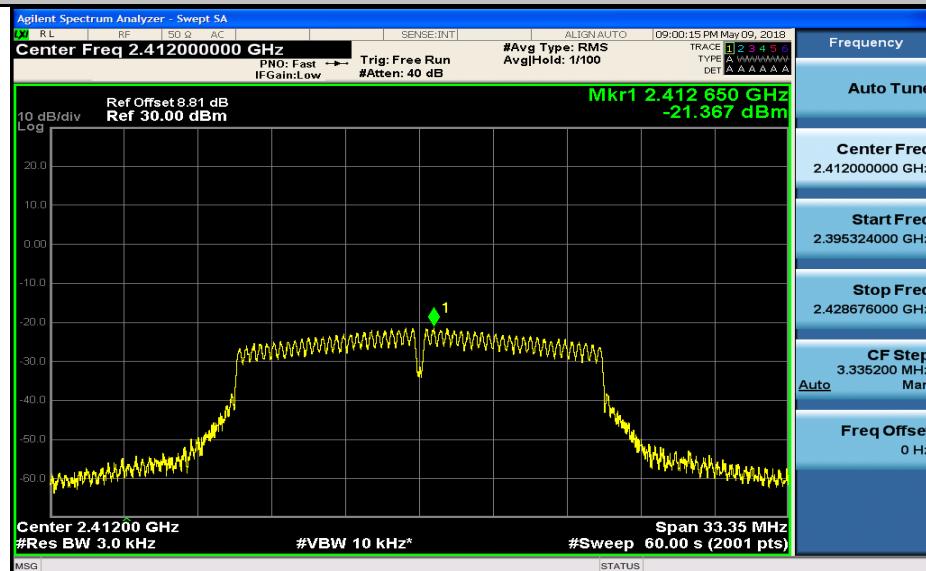


**3. Maximum(average) power spectral density**

Test Mode	Test Channel	Ant	Level [dBm/3kHz]	10log(1/x) Factor[dB]	PSD[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	2412	Ant1	-17.29	0.02	-17.27	8.00	PASS
11B	2437	Ant1	-17.48	0.04	-17.44	8.00	PASS
11B	2462	Ant1	-17.23	0.01	-17.22	8.00	PASS
11G	2412	Ant1	-21.37	0.41	-20.96	8.00	PASS
11G	2437	Ant1	-21.22	0.44	-20.78	8.00	PASS
11G	2462	Ant1	-21.47	0.34	-21.13	8.00	PASS
11N20SISO	2412	Ant1	-22.04	0.52	-21.52	8.00	PASS
11N20SISO	2437	Ant1	-22.20	0.30	-21.90	8.00	PASS
11N20SISO	2462	Ant1	-21.86	0.30	-21.56	8.00	PASS
11N40SISO	2422	Ant1	-25.15	0.55	-24.60	8.00	PASS
11N40SISO	2437	Ant1	-24.64	0.64	-24.00	8.00	PASS
11N40SISO	2452	Ant1	-25.26	0.59	-24.67	8.00	PASS



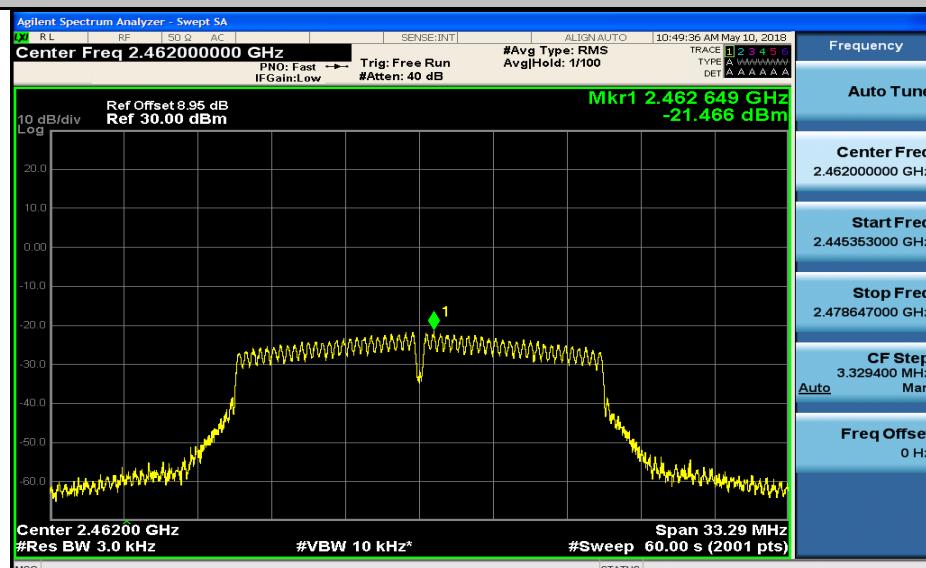
## Maximum(average) power spectral density\_11G\_2412\_Ant1



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



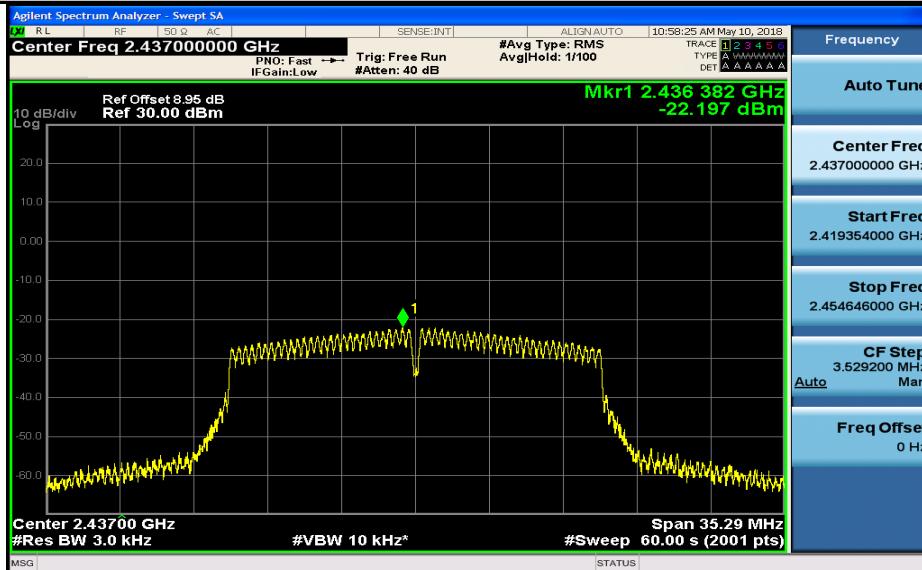
## Maximum(average) power spectral density\_11G\_2462\_Ant1



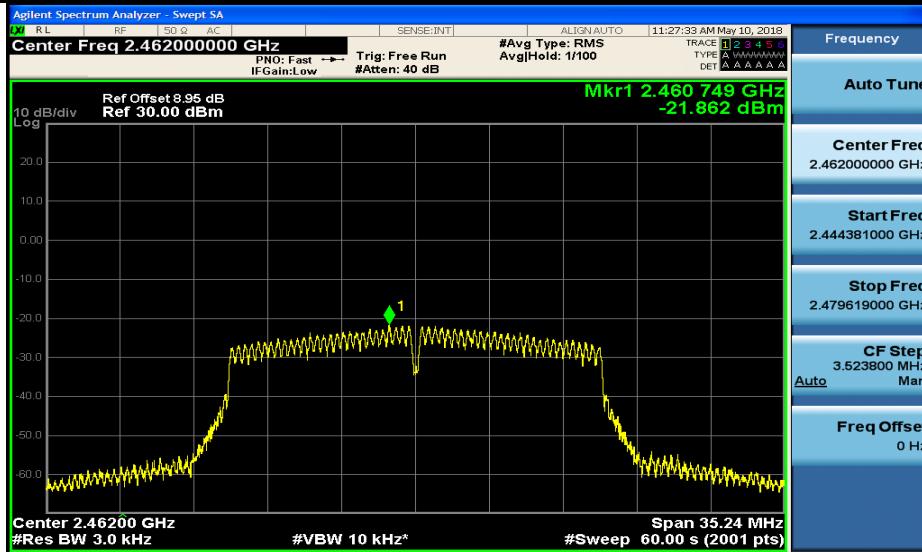
## Maximum(average) power spectral density\_11N20SISO\_2412\_Ant1



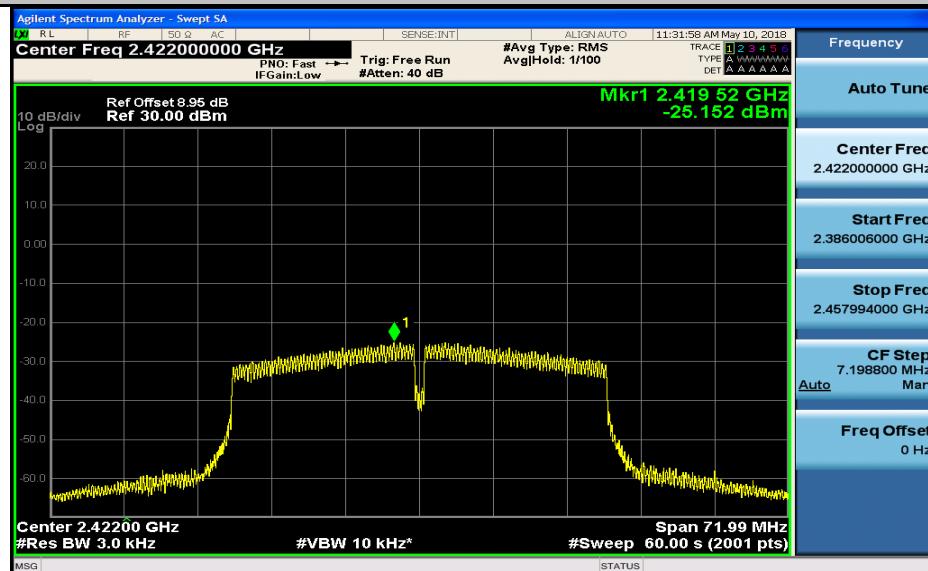
## Maximum(average) power spectral density\_11N20SISO\_2437\_Ant1



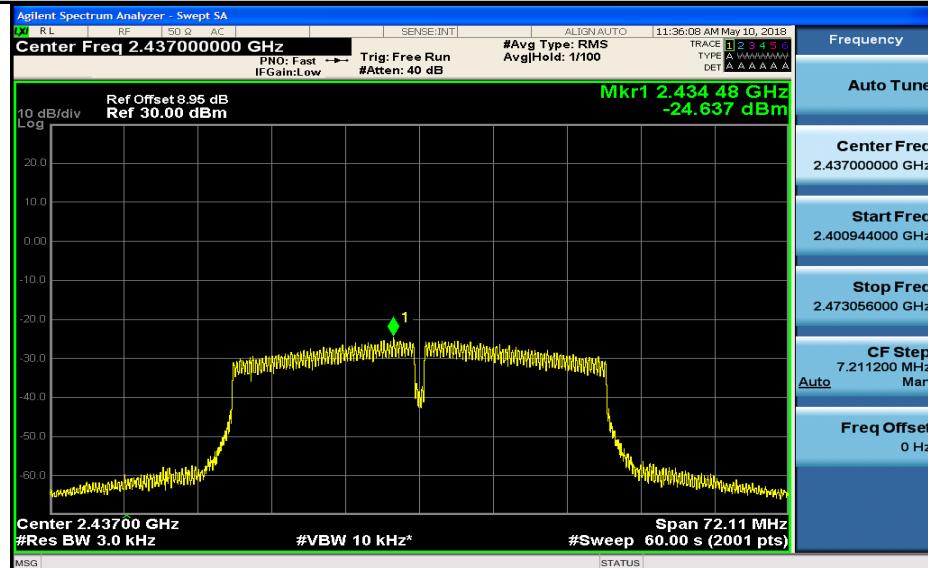
## Maximum(average) power spectral density\_11N20SISO\_2462\_Ant1



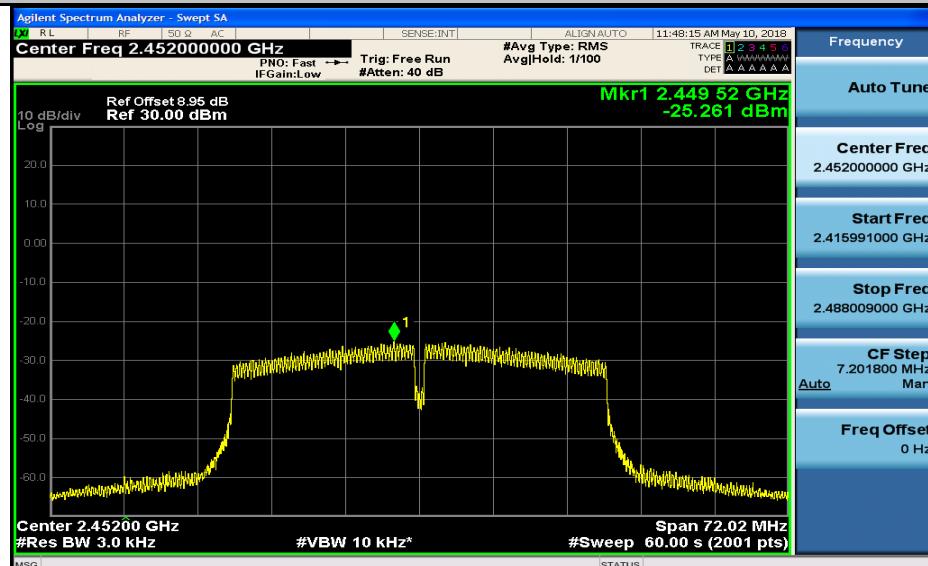
## Maximum(average) power spectral density\_11N40SISO\_2422\_Ant1



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



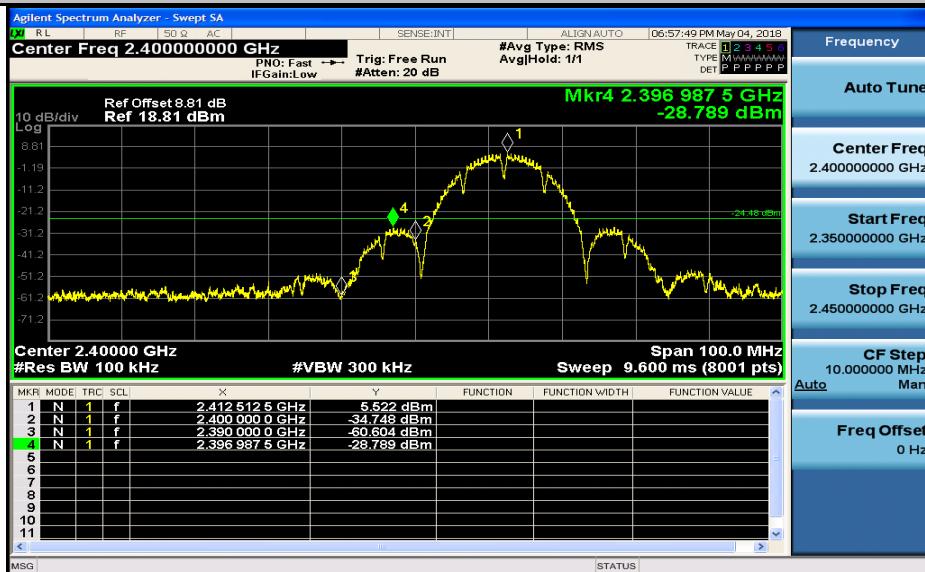
## Maximum(average) power spectral density\_11N40SISO\_2452\_Ant1



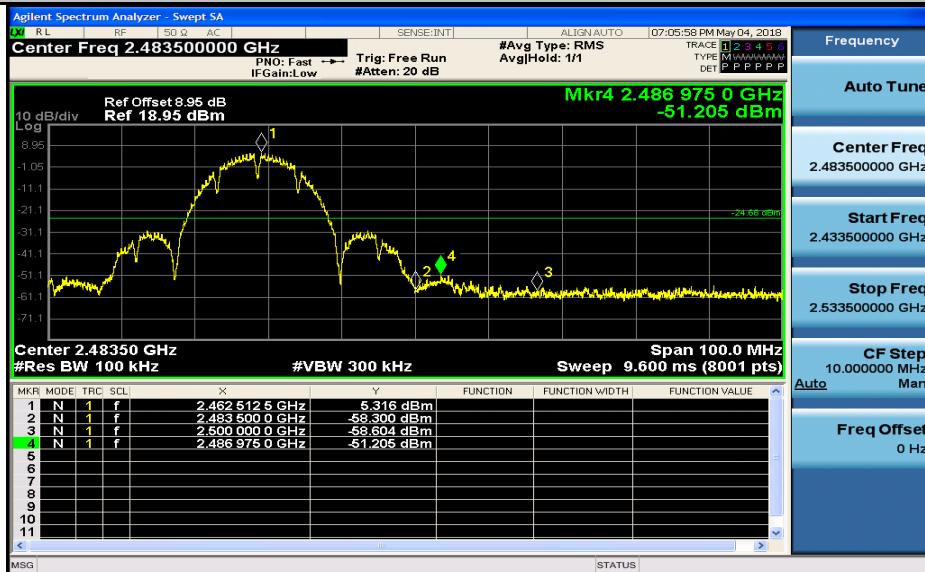
**4.Band-edge for RF Conducted Emissions**

Test Mode	Test Channel	Ant	Carrier Power[dBm]	Max. Spurious Level [dBm]	Limit [dBm]	Verdict
11B	2412	Ant1	5.52	-28.79	-24.48	PASS
11B	2462	Ant1	5.32	-51.21	-24.68	PASS
11G	2412	Ant1	1.46	-29.81	-28.54	PASS
11G	2462	Ant1	2.02	-48.42	-27.98	PASS
11N20SISO	2412	Ant1	1.50	-31.23	-28.50	PASS
11N20SISO	2462	Ant1	2.25	-42.94	-27.75	PASS
11N40SISO	2422	Ant1	-0.36	-34.17	-30.36	PASS
11N40SISO	2452	Ant1	-0.82	-38.28	-30.82	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

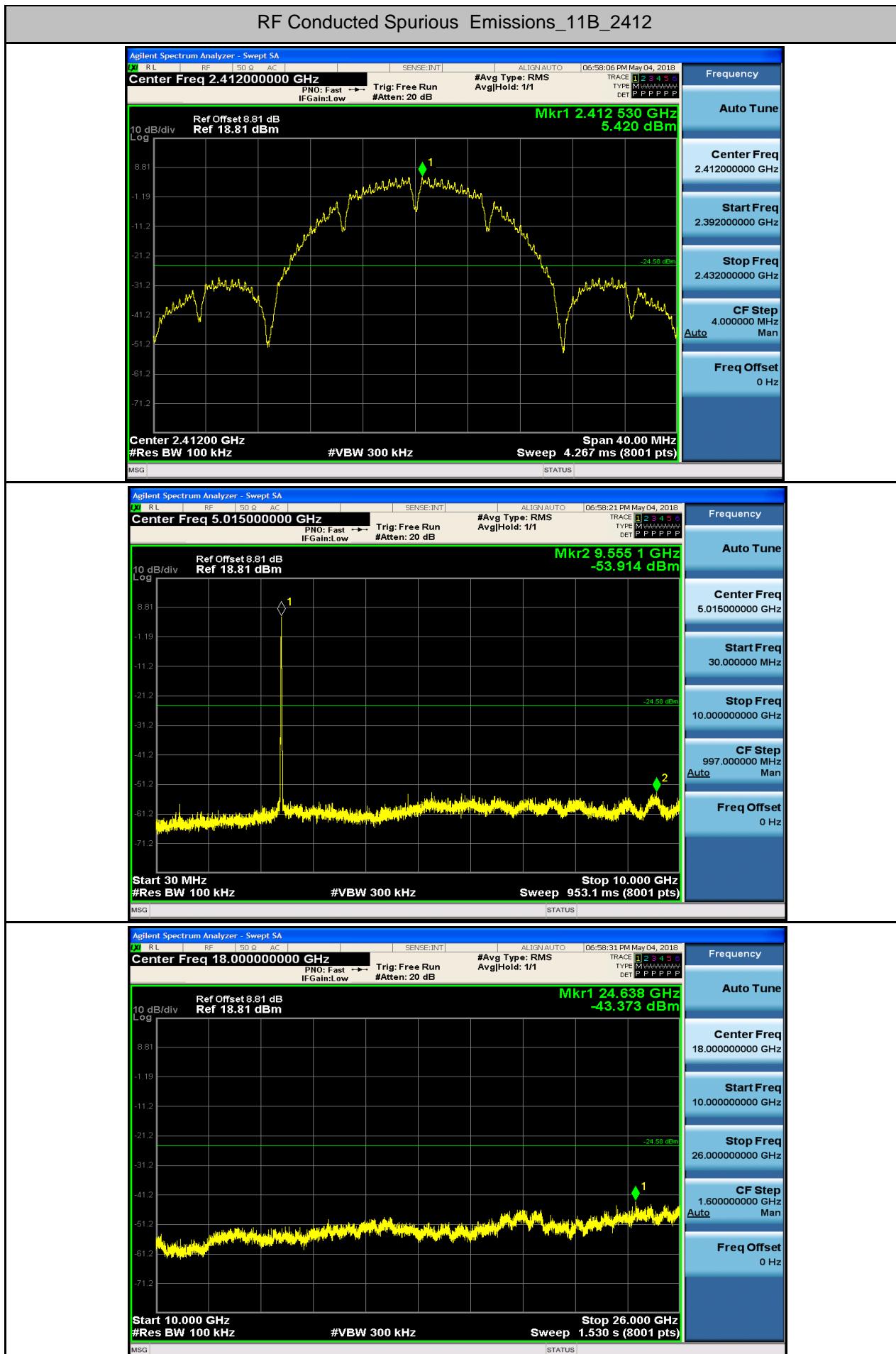


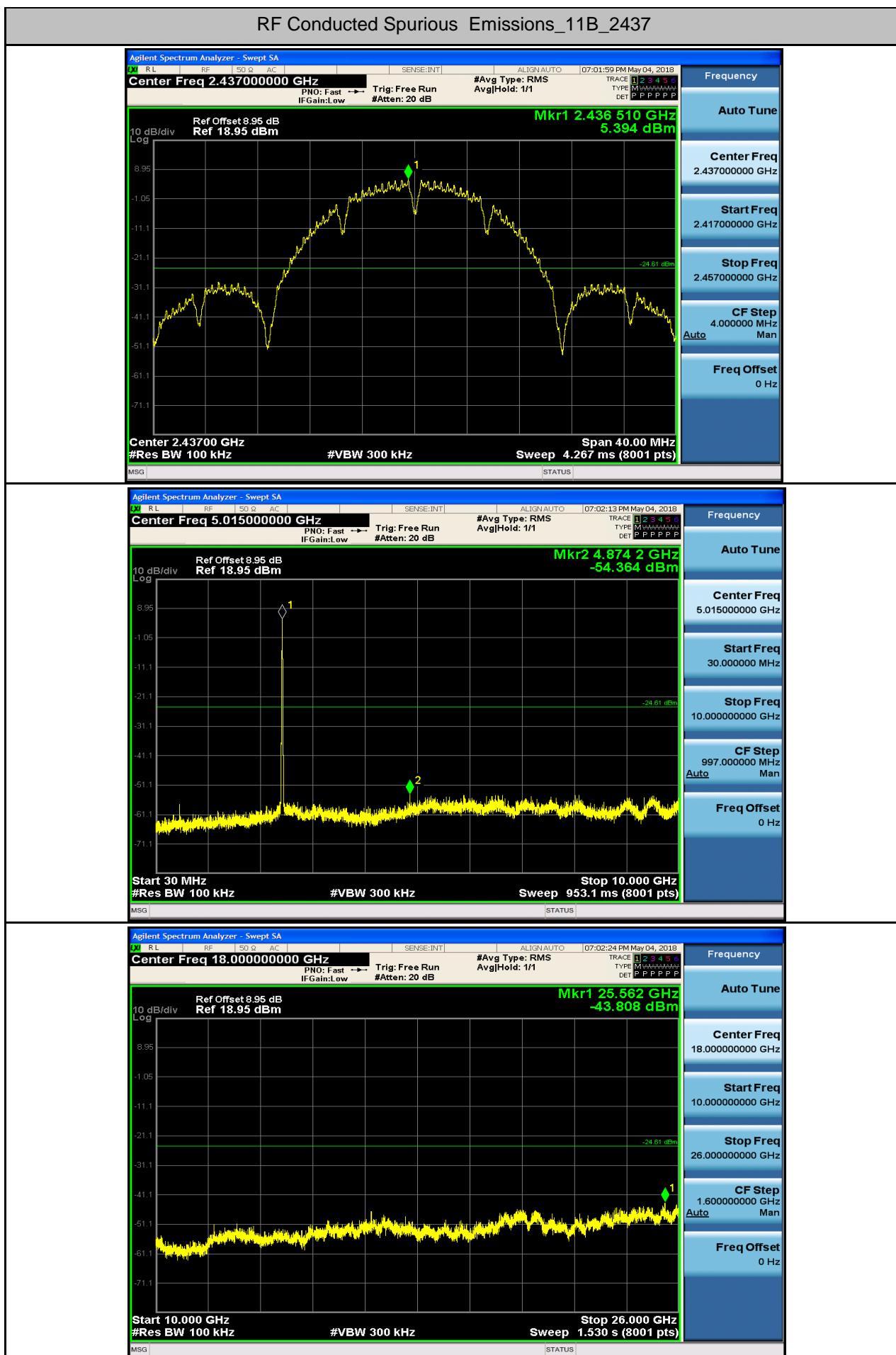
**5.RF Conducted Spurious Emissions**

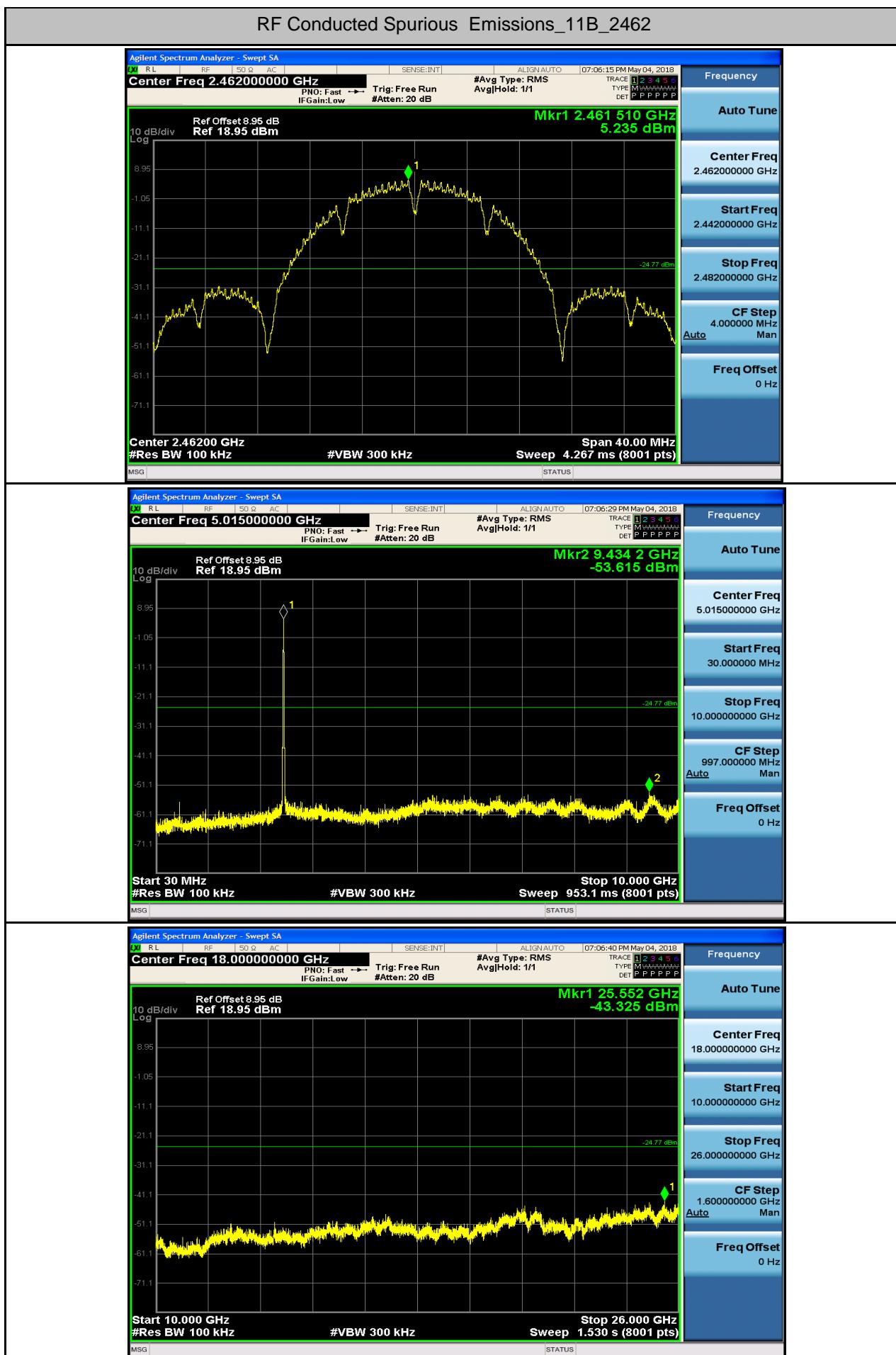
Test Mode	Test Channel	Ant	StartFre [MHz]	StopFre [MHz]	RBW [kHz]	VBW [kHz]	Pref[dBm]	Max. Level [dBm]	Limit [dBm]	Verdict
11B	2412	Ant1	30	10000	100	300	5.42	-53.91	<- 24.58	PASS
11B	2412	Ant1	10000	26000	100	300	5.42	-43.373	<- 24.58	PASS
11B	2437	Ant1	30	10000	100	300	5.39	-54.36	<- 24.61	PASS
11B	2437	Ant1	10000	26000	100	300	5.394	-43.808	<- 24.606	PASS
11B	2462	Ant1	30	10000	100	300	5.24	-53.62	<- 24.77	PASS
11B	2462	Ant1	10000	26000	100	300	5.235	-43.325	<- 24.765	PASS
11G	2412	Ant1	30	10000	100	300	1.88	-53.56	<- 28.12	PASS
11G	2412	Ant1	10000	26000	100	300	1.882	-44.033	<- 28.118	PASS
11G	2437	Ant1	30	10000	100	300	0.94	-54.81	<- 29.06	PASS
11G	2437	Ant1	10000	26000	100	300	0.942	-45.438	<- 29.058	PASS
11G	2462	Ant1	30	10000	100	300	1.69	-54.03	<- 28.31	PASS
11G	2462	Ant1	10000	26000	100	300	1.693	-44.950	<- 28.307	PASS
11N20SISO	2412	Ant1	30	10000	100	300	2.03	-53.77	<- 27.97	PASS
11N20SISO	2412	Ant1	10000	26000	100	300	2.028	-45.641	<- 27.972	PASS
11N20SISO	2437	Ant1	30	10000	100	300	1.96	-53.54	<- 28.05	PASS
11N20SISO	2437	Ant1	10000	26000	100	300	1.955	-44.271	<- 28.045	PASS
11N20SISO	2462	Ant1	30	10000	100	300	1.68	-54.03	<- 28.32	PASS
11N20SISO	2462	Ant1	10000	26000	100	300	1.677	-43.038	<- 28.323	PASS
11N40SISO	2422	Ant1	30	10000	100	300	-0.47	-52.20	<- 30.47	PASS
11N40SISO	2422	Ant1	10000	26000	100	300	-0.466	-44.450	<- 30.466	PASS
11N40SISO	2437	Ant1	30	10000	100	300	-0.71	-53.95	<- 30.71	PASS
11N40SISO	2437	Ant1	10000	26000	100	300	-0.709	-43.454	<- 30.709	PASS
11N40SISO	2452	Ant1	30	10000	100	300	-0.89	-50.34	<- 30.89	PASS

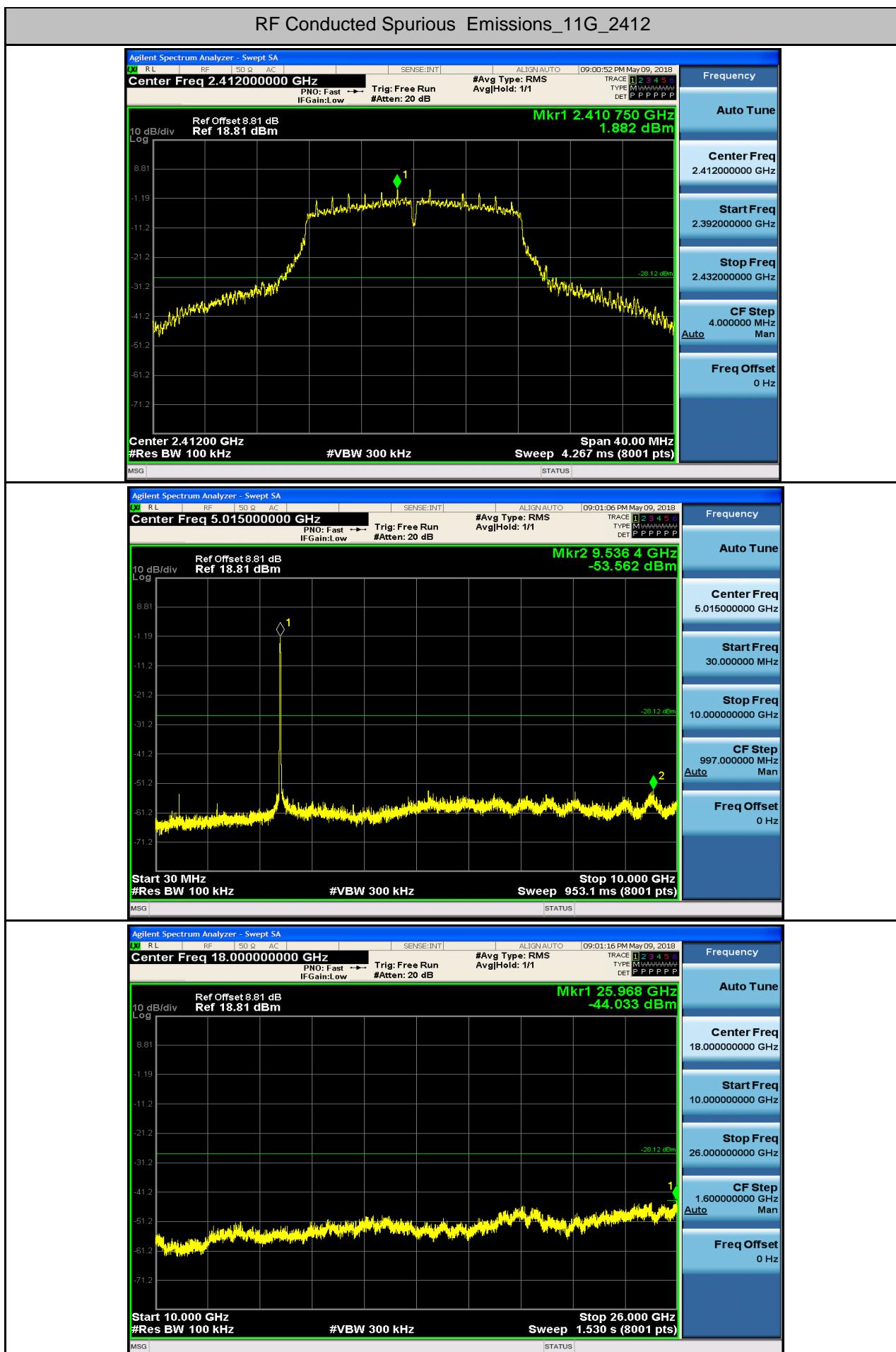


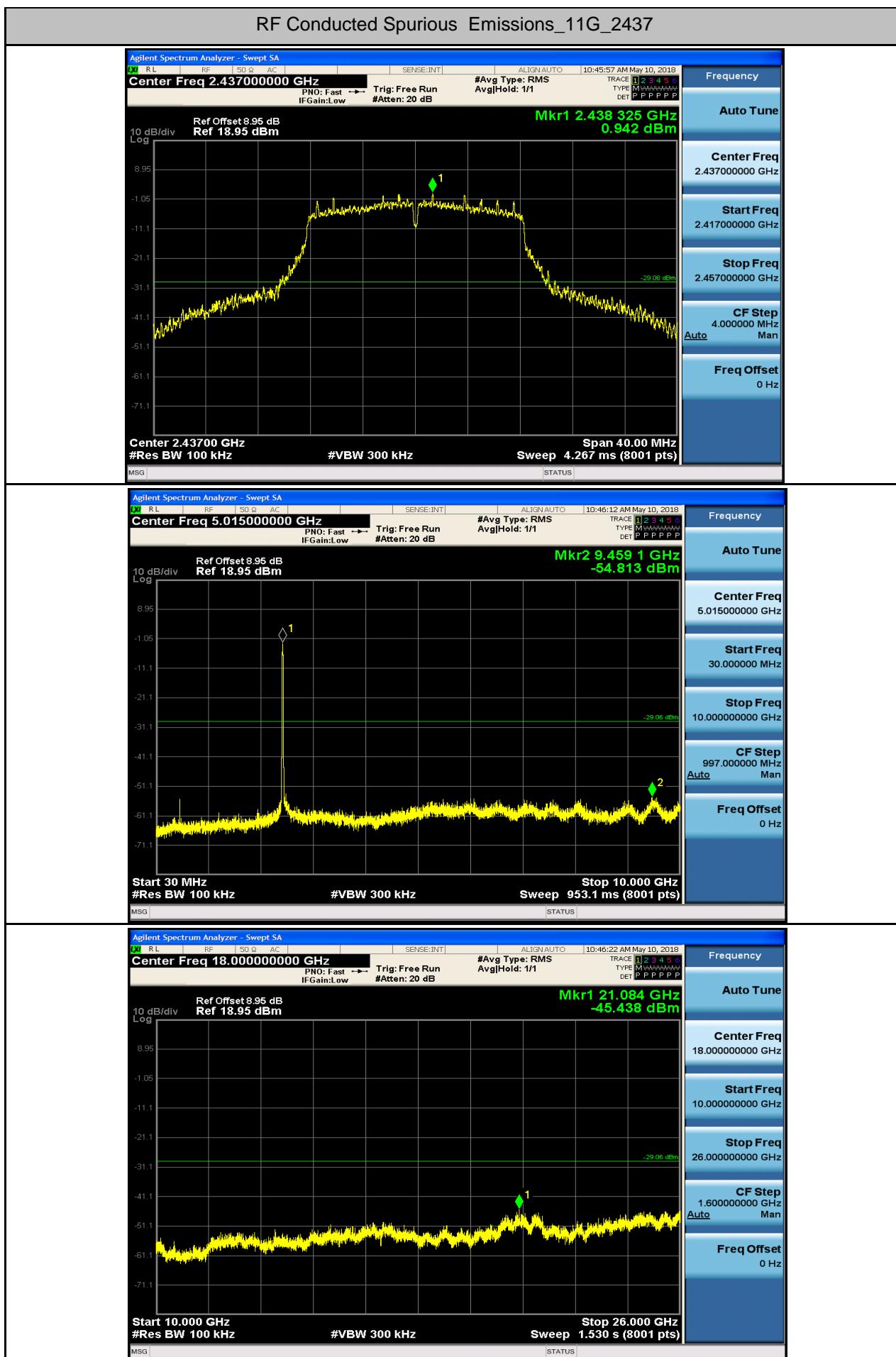
11N40SISO	2452	Ant1	10000	26000	100	300	-0.885	-44.788	< 30.885	PASS
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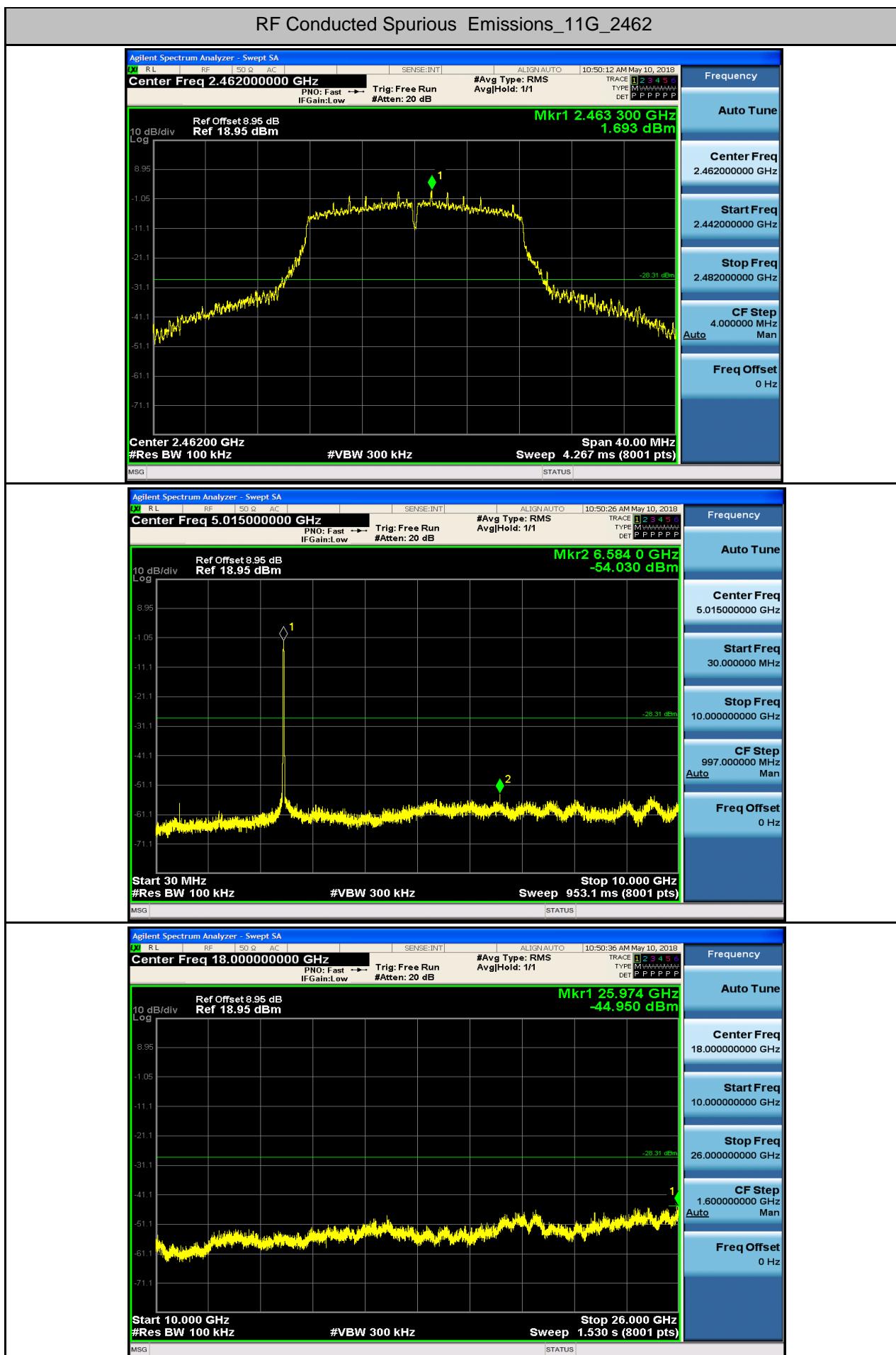


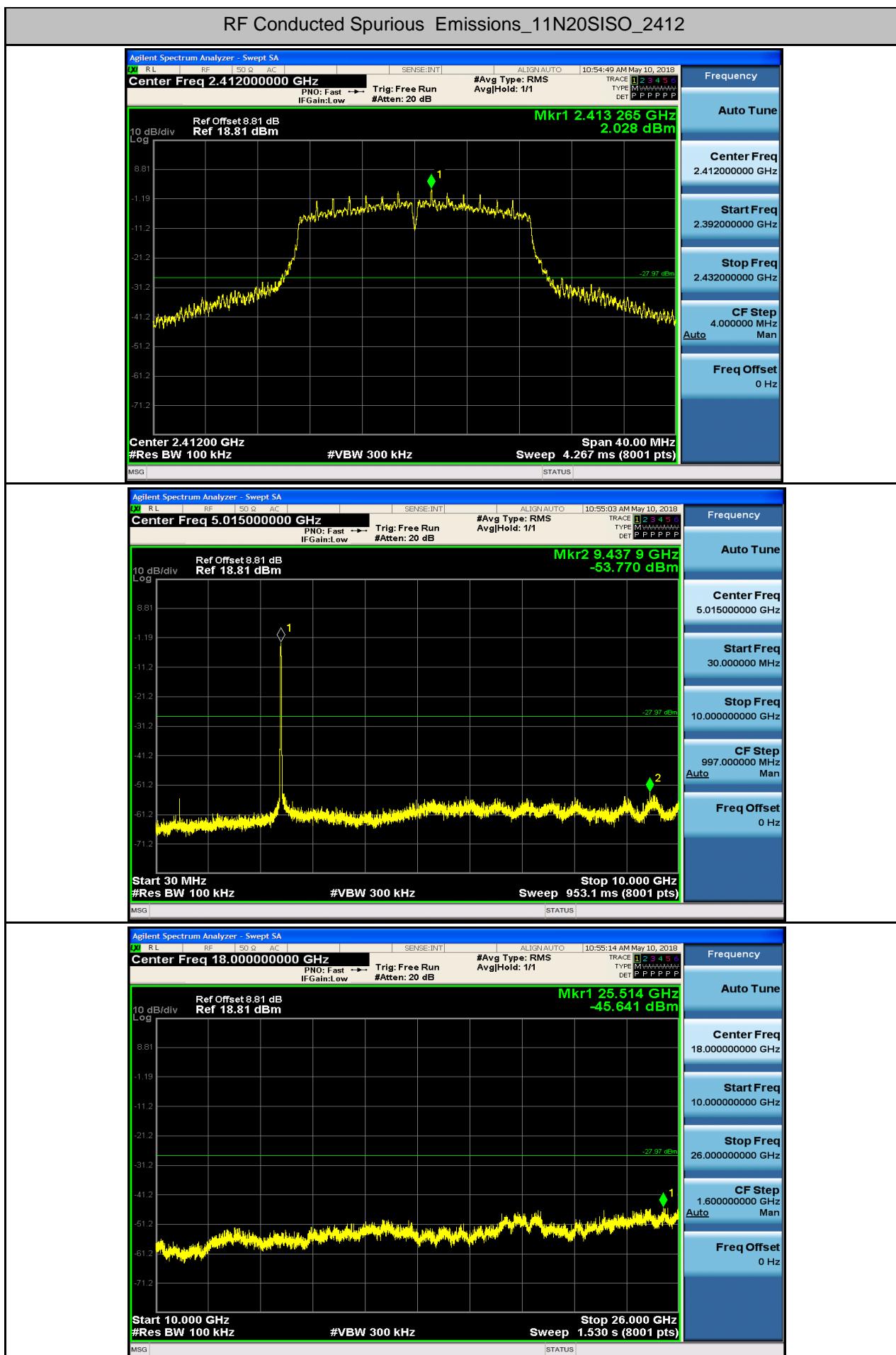


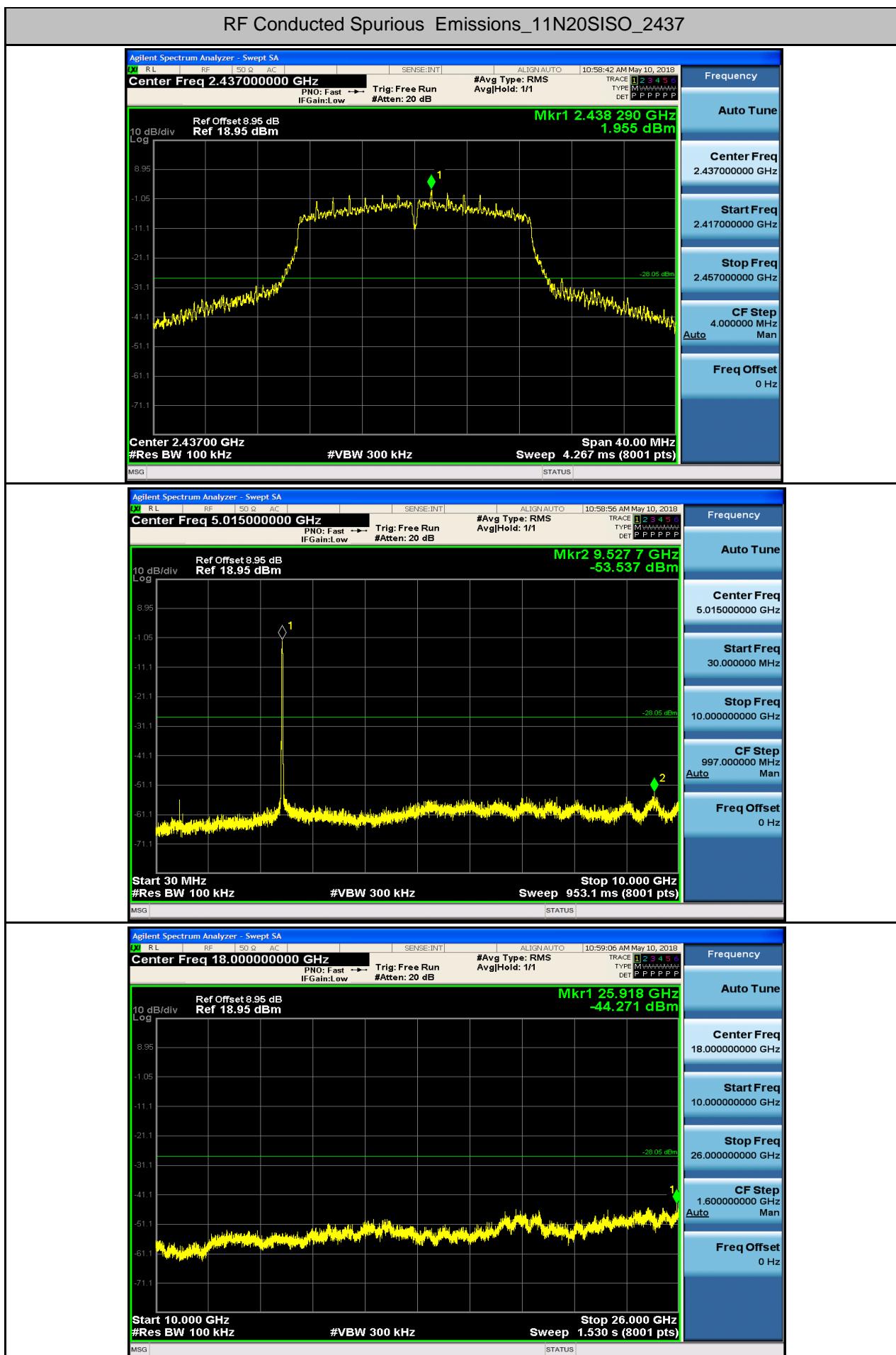


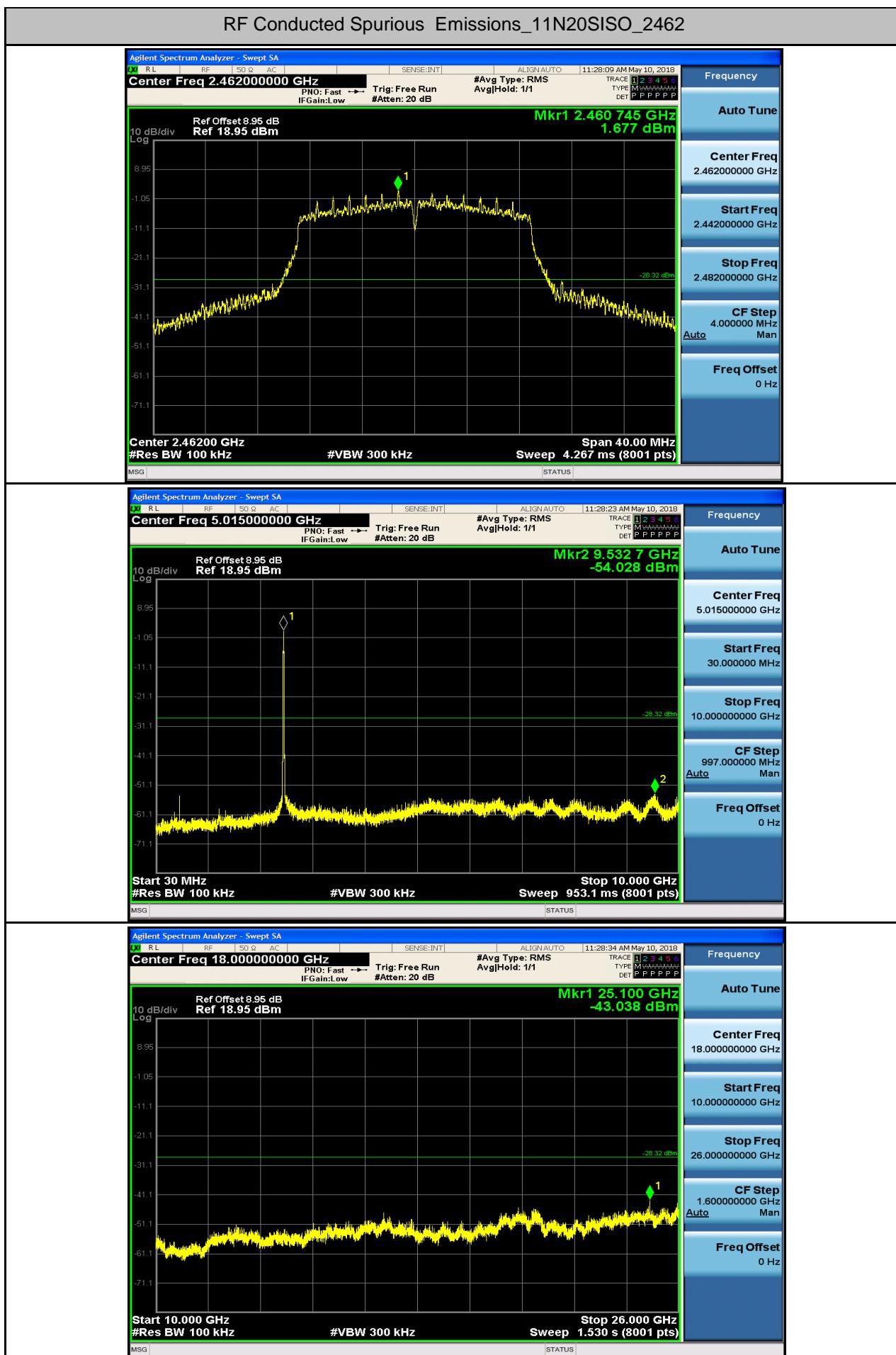


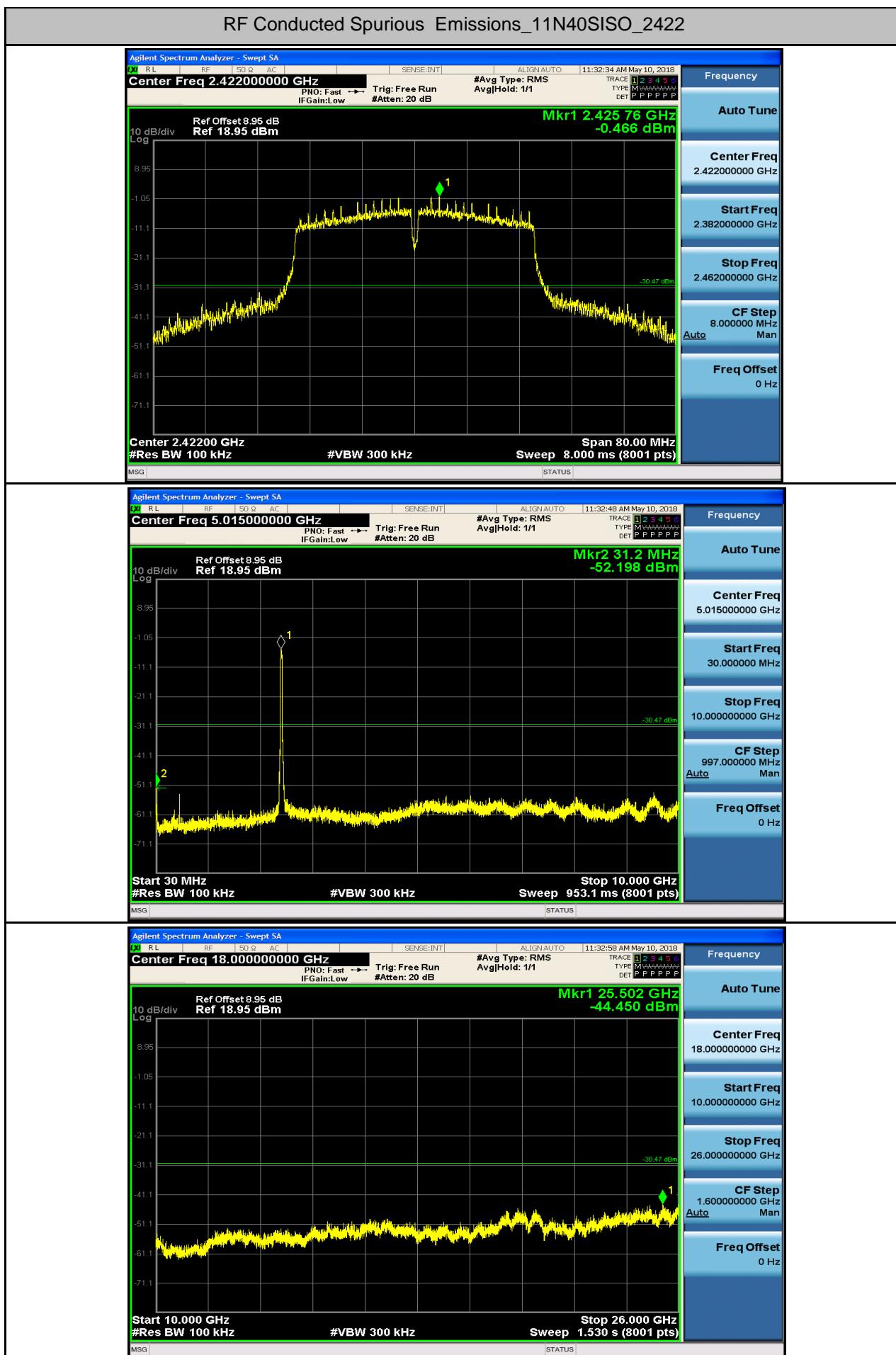


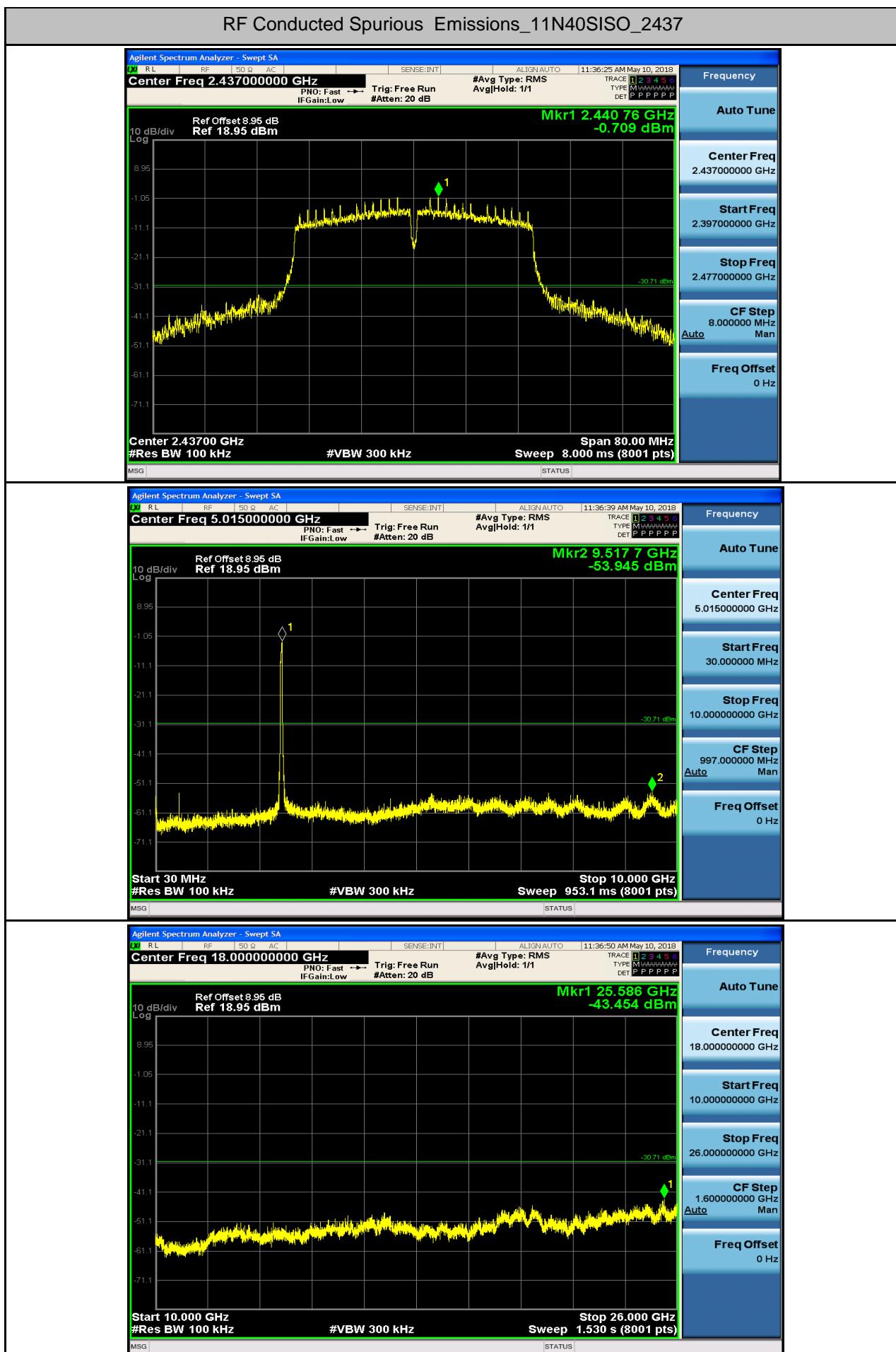


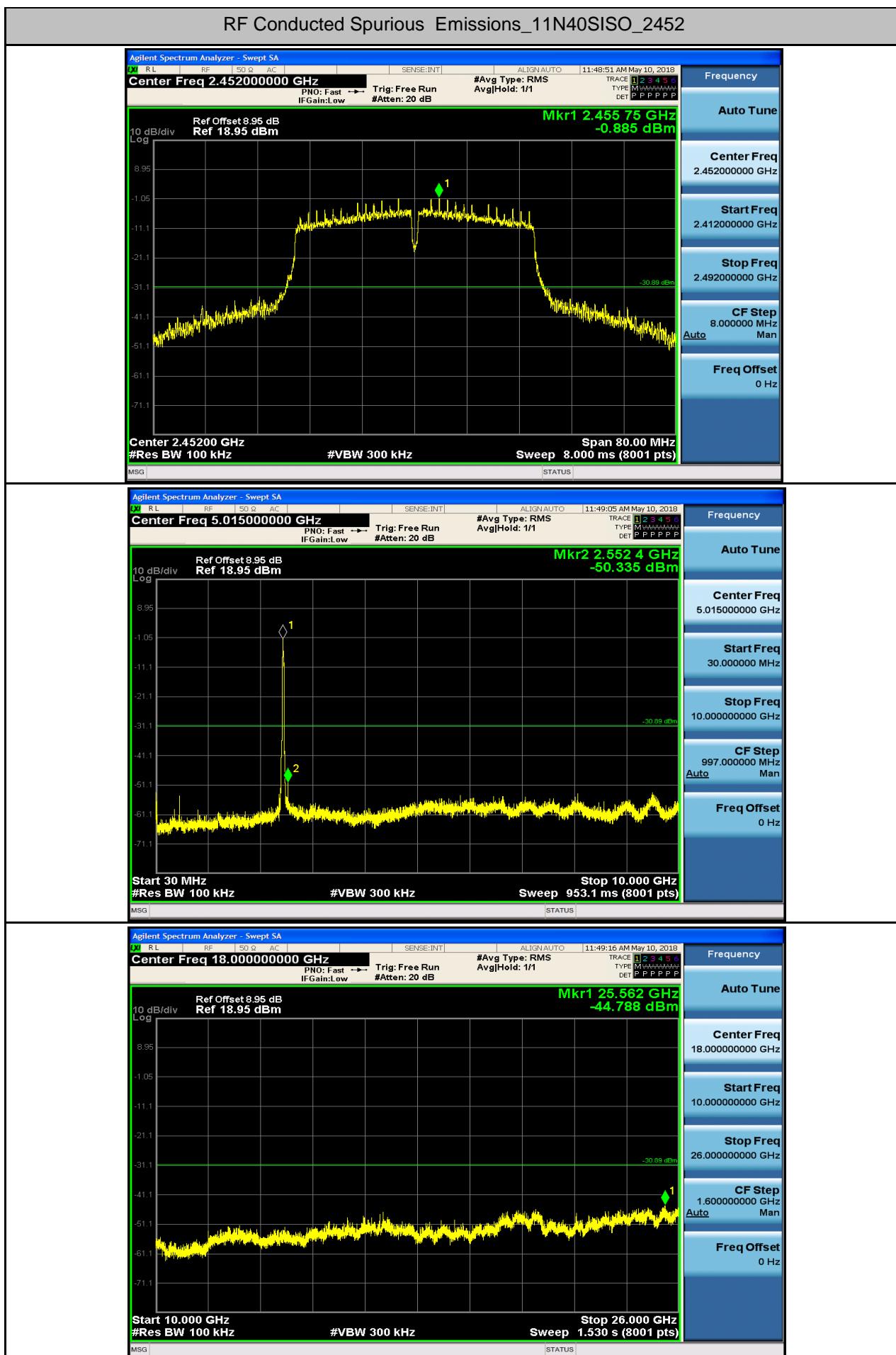






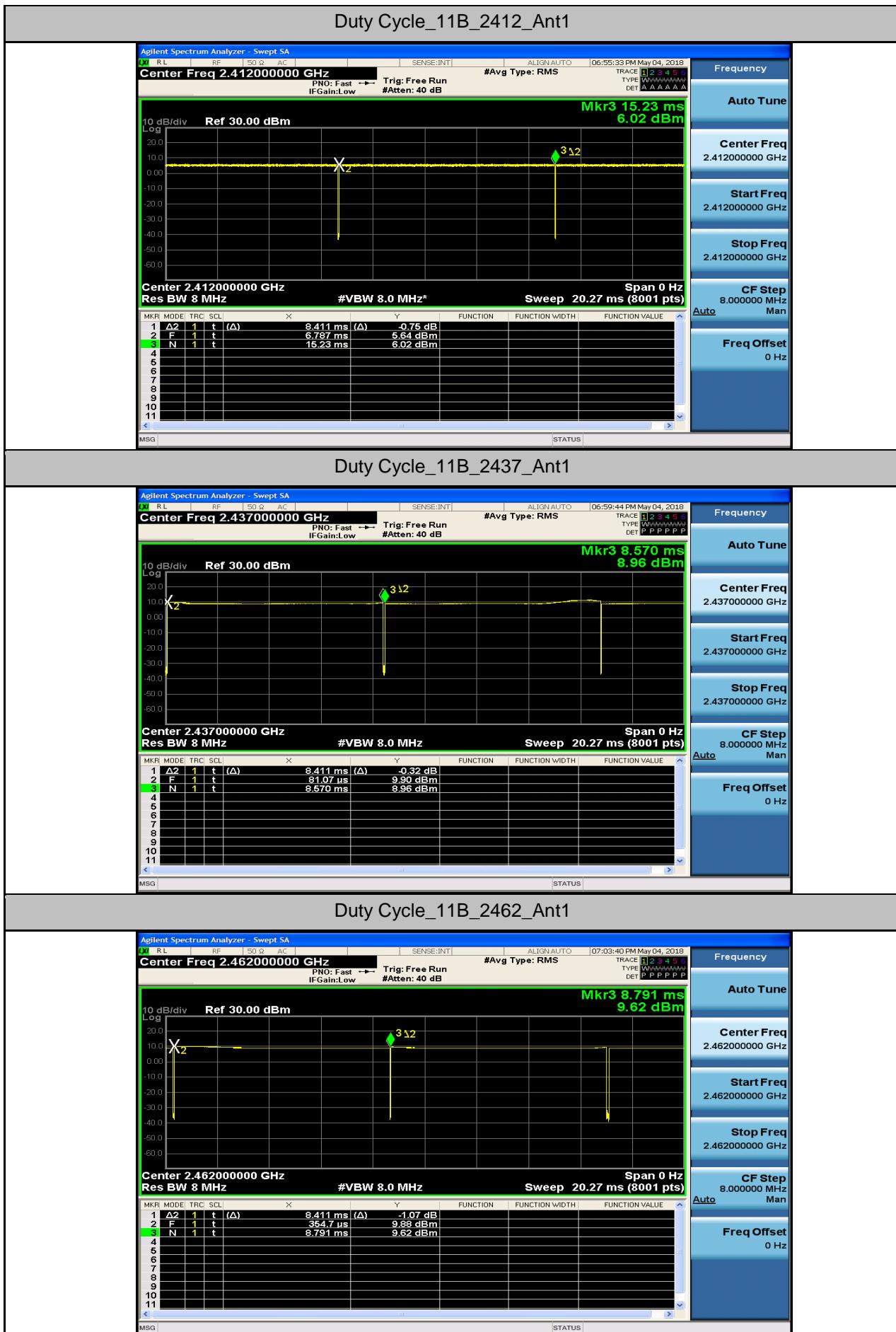




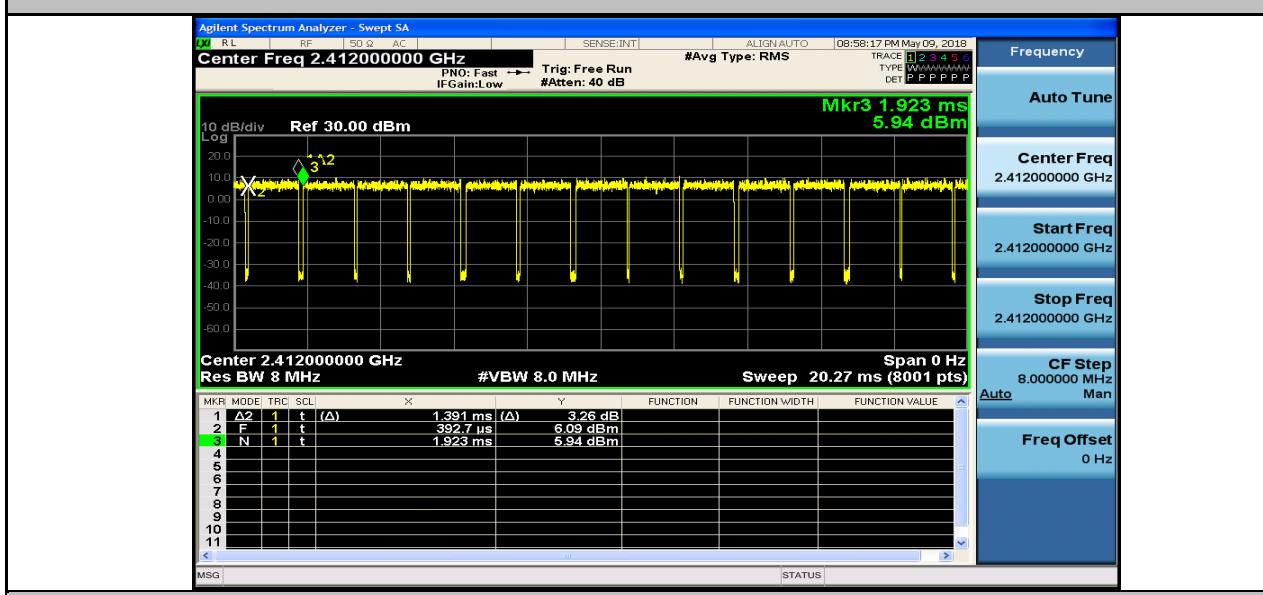


**6.Duty Cycle**

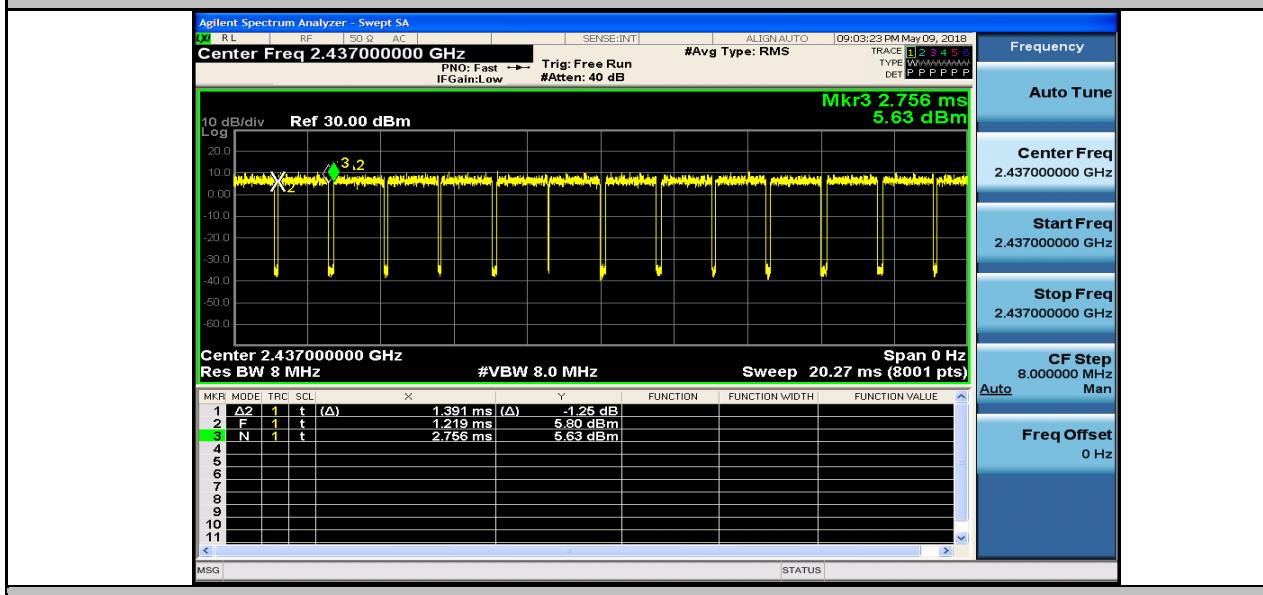
Test Mode	Test Channel	Ant	Duty Cycle[%]	10log(1/x) Factor[dB]
11B	2412	Ant1	99.61	0.02
11B	2437	Ant1	99.07	0.04
11B	2462	Ant1	99.70	0.01
11G	2412	Ant1	90.89	0.41
11G	2437	Ant1	90.44	0.44
11G	2462	Ant1	92.42	0.34
11N20SISO	2412	Ant1	88.62	0.52
11N20SISO	2437	Ant1	93.28	0.30
11N20SISO	2462	Ant1	93.28	0.30
11N40SISO	2422	Ant1	88.15	0.55
11N40SISO	2437	Ant1	86.39	0.64
11N40SISO	2452	Ant1	87.29	0.59



Duty Cycle\_11G\_2412\_Ant1



Duty Cycle\_11G\_2437\_Ant1



Duty Cycle\_11G\_2462\_Ant1

