

#### **Appendix A for SHEM210200146501**

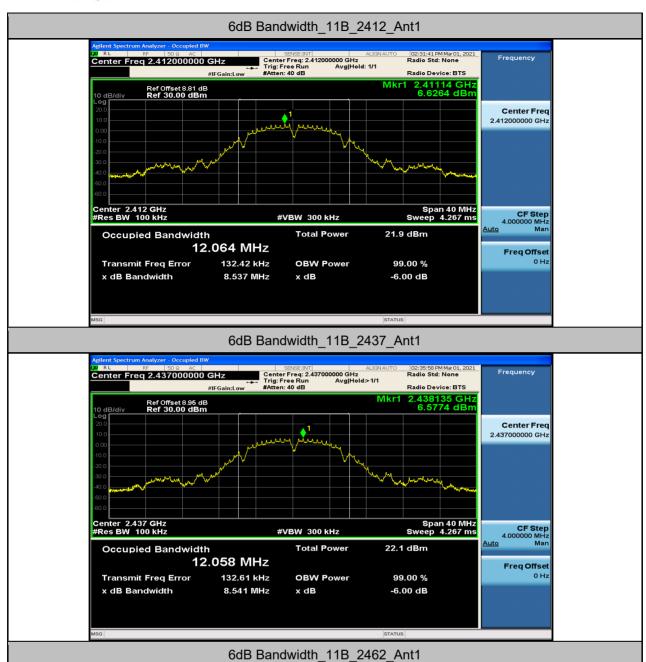
#### 1.6dB Bandwidth

Test Mode	Test Channel	Ant	EBW[MHz]	Limit	Verdict
11B	2412	Ant1	8.54	0.5	PASS
11B	2437	Ant1	8.54	0.5	PASS
11B	2462	Ant1	8.57	0.5	PASS
11G	2412	Ant1	16.31	0.5	PASS
11G	2437	Ant1	16.31	0.5	PASS
11G	2462	Ant1	15.44	0.5	PASS
11N20SISO	2412	Ant1	16.92	0.5	PASS
11N20SISO	2437	Ant1	17.32	0.5	PASS
11N20SISO	2462	Ant1	16.30	0.5	PASS



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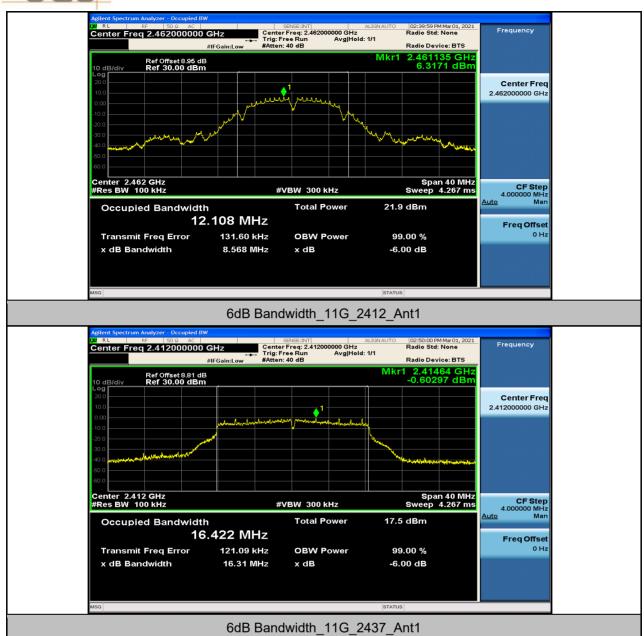
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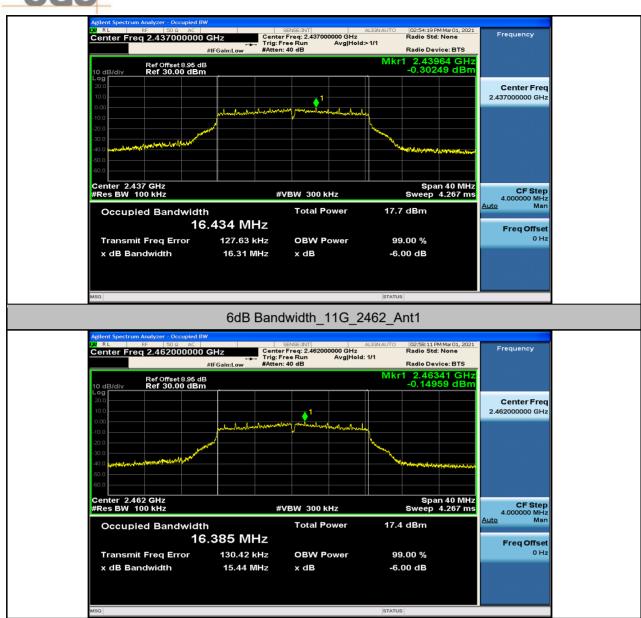
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6dB Bandwidth 11N20SISO 2412 Ant1



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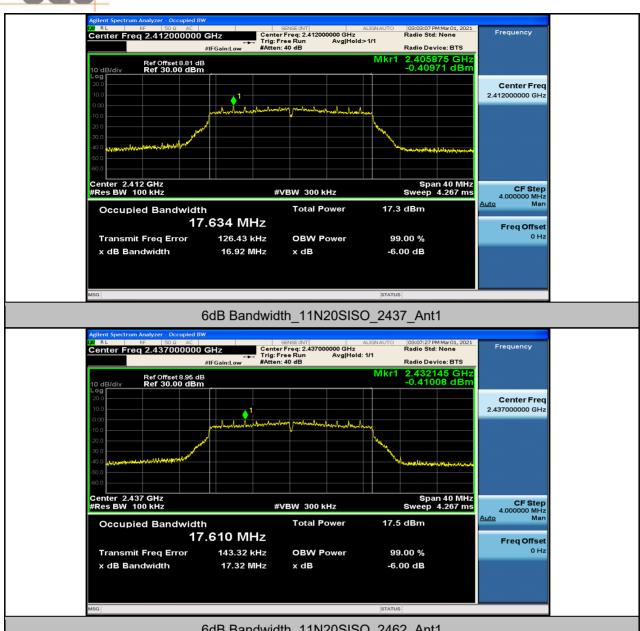
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6dB Bandwidth 11N20SISO 2462 Ant1



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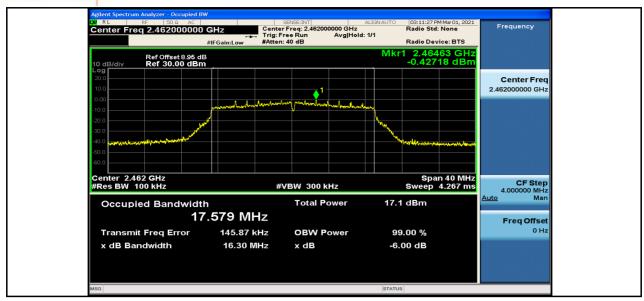
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#### 2.Occupied Bandwidth

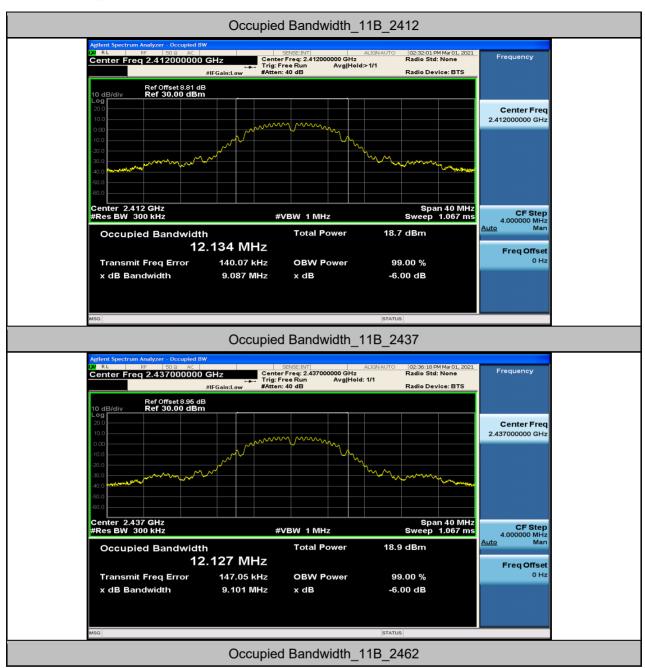
Test Mode	Test Channel	Ant	OBW[MHz]	Limit[MHz]	Verdict
11B	2412	Ant1	12.13		PASS
11B	2437	Ant1	12.13		PASS
11B	2462	Ant1	12.17		PASS
11G	2412	Ant1	16.83		PASS
11G	2437	Ant1	16.84		PASS
11G	2462	Ant1	16.71		PASS
11N20SISO	2412	Ant1	17.92		PASS
11N20SISO	2437	Ant1	17.92		PASS
11N20SISO	2462	Ant1	17.79		PASS

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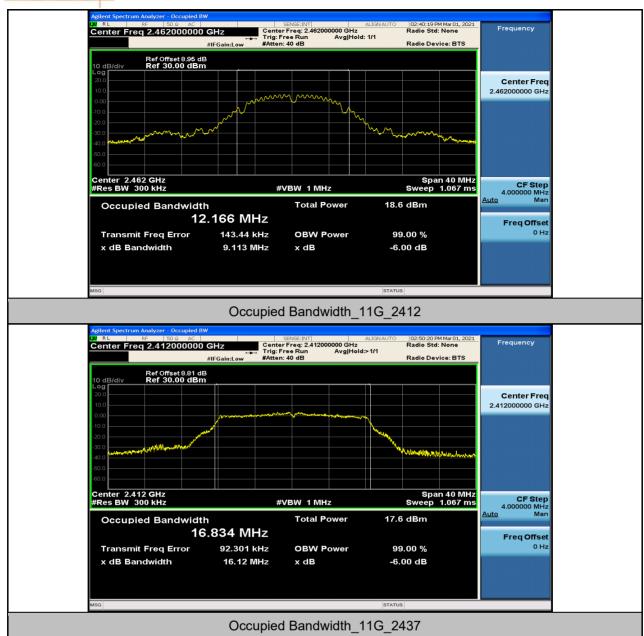






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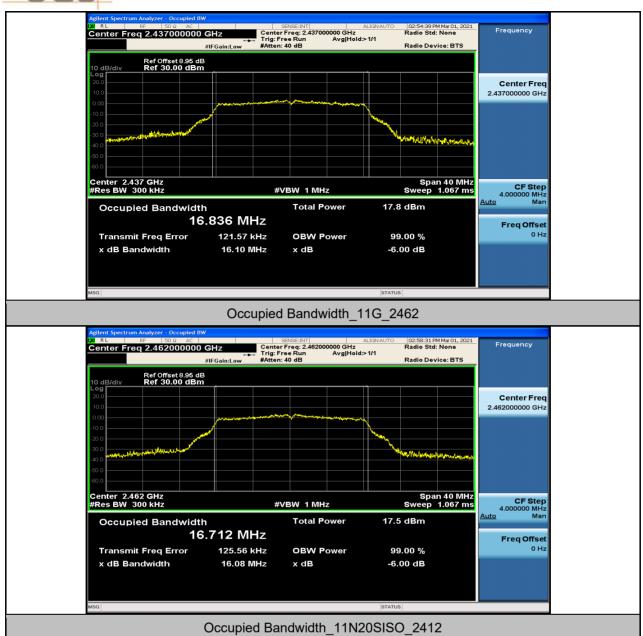
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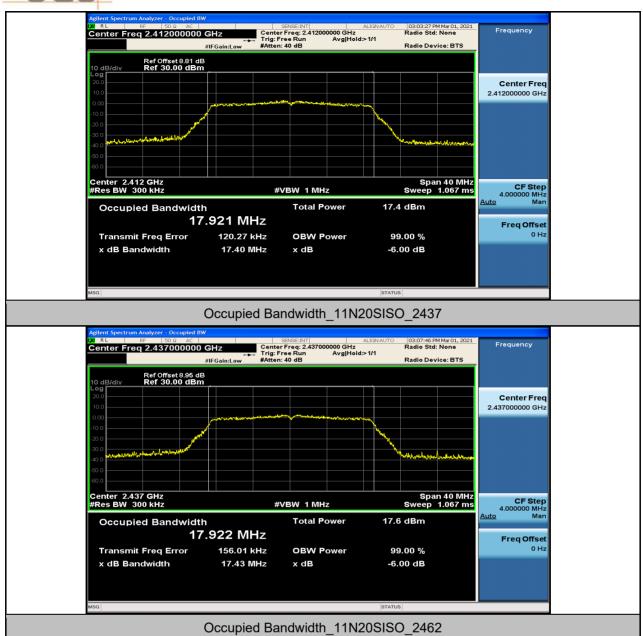
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#### 3.Maximum conducted (average) output power

Test Mode	Test Channel	Ant	Level [dBm]	10log(1/x) Factor[dB]	Power [dBm]	Limit [dBm]	Verdict
11B	2412	Ant1	14.89	0.05	14.95	30	PASS
11B	2437	Ant1	15.07	0.05	15.12	30	PASS
11B	2462	Ant1	14.84	0.05	14.89	30	PASS
11G	2412	Ant1	10.88	0.32	11.20	30	PASS
11G	2437	Ant1	11.07	0.32	11.39	30	PASS
11G	2462	Ant1	10.82	0.33	11.14	30	PASS
11N20SISO	2412	Ant1	10.49	0.35	10.84	30	PASS
11N20SISO	2437	Ant1	10.71	0.34	11.05	30	PASS
11N20SISO	2462	Ant1	10.35	0.34	10.69	30	PASS

Unles overl subje Atten advis Clien trans excel appe. resul' Atter overl NO.5

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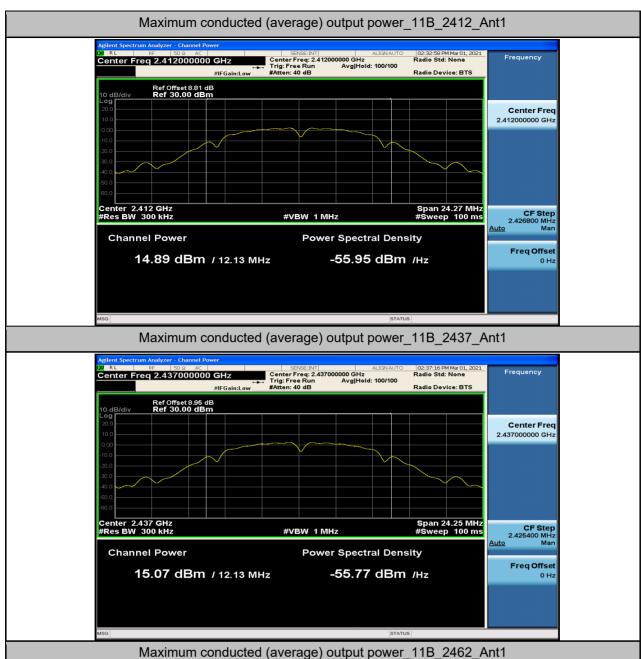
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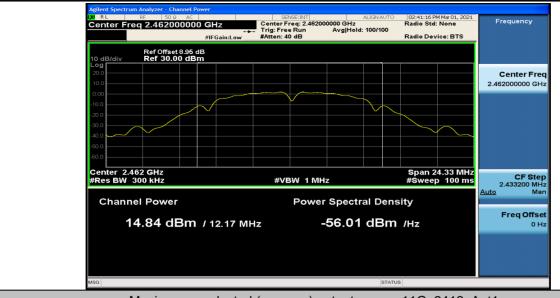
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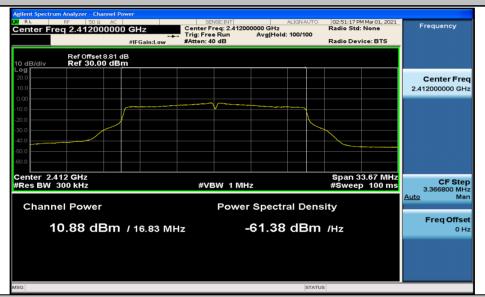
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#### Maximum conducted (average) output power\_11G\_2412\_Ant1



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



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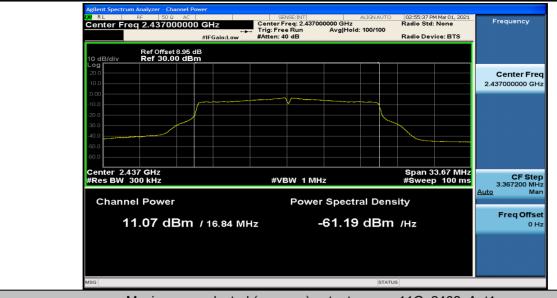
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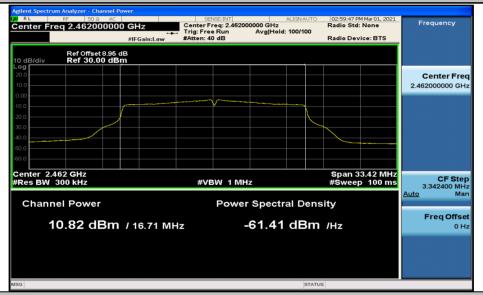
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#### Maximum conducted (average) output power\_11G\_2462\_Ant1



Maximum conducted (average) output power 11N20SISO 2412 Ant1



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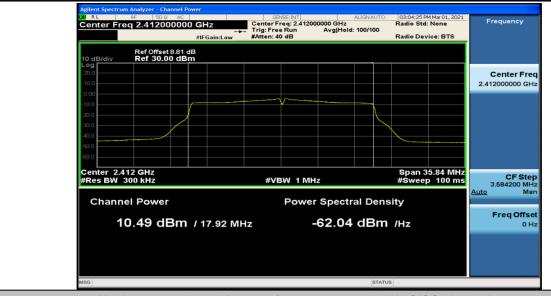
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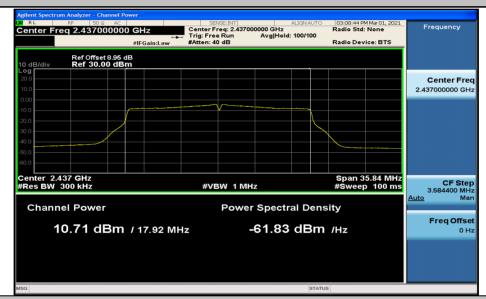
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#### Maximum conducted (average) output power\_11N20SISO\_2437\_Ant1



Maximum conducted (average) output power 11N20SISO 2462 Ant1



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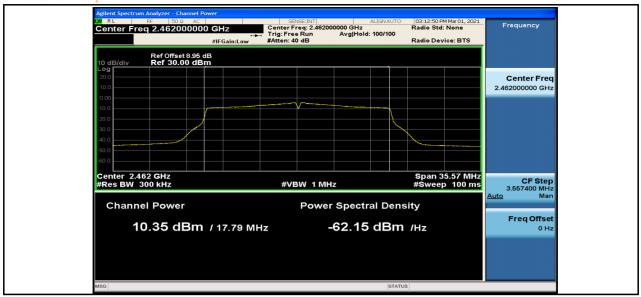
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#### 4.Maximum(average) power spectral density

Test Mode	Test Channel	Ant	Level [dBm/3kHz]	10log(1/x) Factor[dB]	PSD[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	2412	Ant1	-16.96	0.05	-16.91	8.00	PASS
11B	2437	Ant1	-16.77	0.05	-16.72	8.00	PASS
11B	2462	Ant1	-16.84	0.05	-16.79	8.00	PASS
11G	2412	Ant1	-20.47	0.32	-20.15	8.00	PASS
11G	2437	Ant1	-20.43	0.32	-20.11	8.00	PASS
11G	2462	Ant1	-20.41	0.33	-20.08	8.00	PASS
11N20SISO	2412	Ant1	-22.02	0.35	-21.67	8.00	PASS
11N20SISO	2437	Ant1	-22.24	0.34	-21.90	8.00	PASS
11N20SISO	2462	Ant1	-21.99	0.34	-21.65	8.00	PASS



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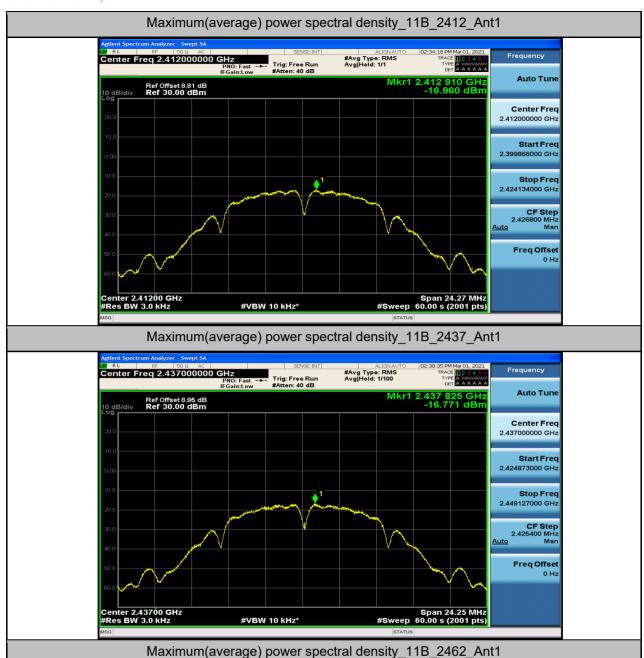
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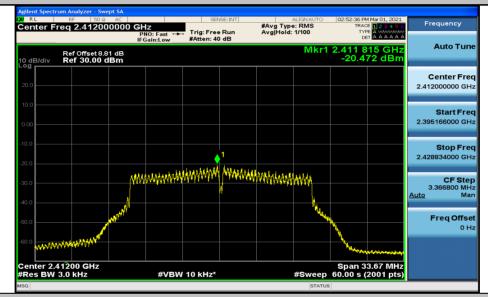
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Maximum(average) power spectral density 11G 2437 Ant1



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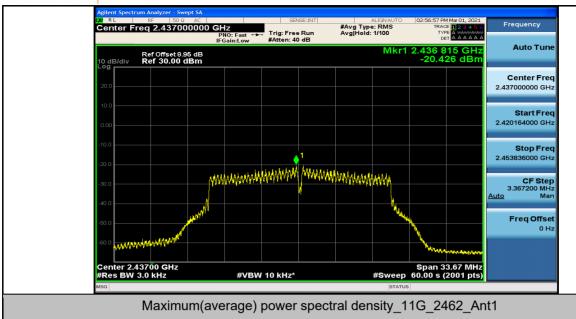
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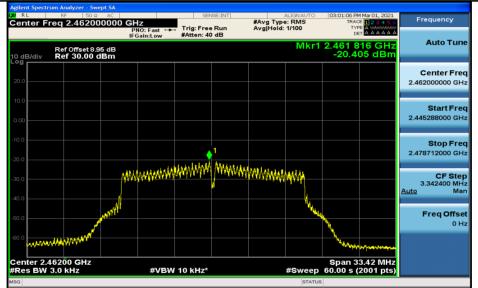
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Maximum(average) power spectral density 11N20SISO 2412 Ant1



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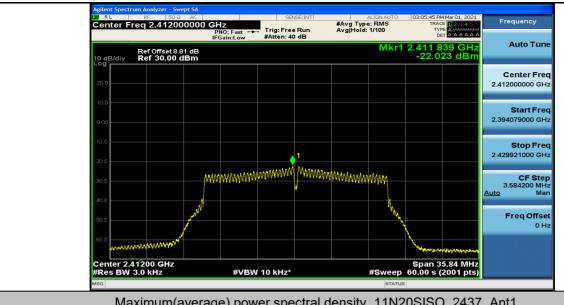
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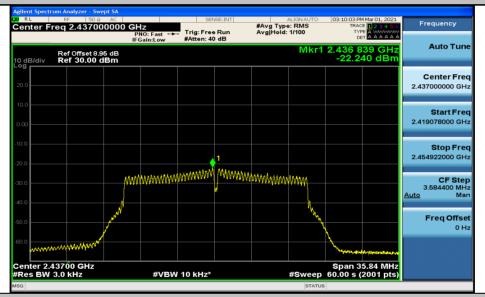
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#### Maximum(average) power spectral density\_11N20SISO\_2437 Ant1



Maximum(average) power spectral density 11N20SISO 2462 Ant1



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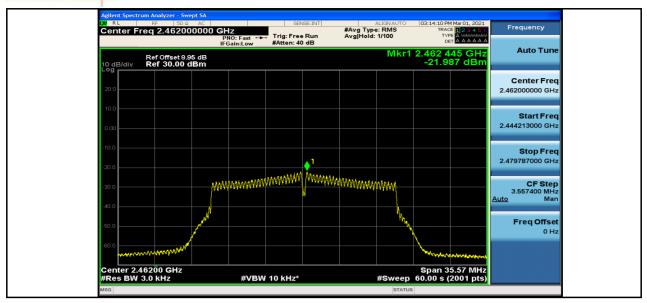
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# SGS-CSTC Standards Technical Services Co., Ltd. Shanghai Branch





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#### 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	6.56	-29.99	-23.44	PASS
11B	2462	Ant1	6.50	-45.86	-23.50	PASS
11G	2412	Ant1	-0.29	-31.83	-30.29	PASS
11G	2462	Ant1	-0.06	-47.88	-30.06	PASS
11N20SISO	2412	Ant1	-0.08	-35.84	-30.08	PASS
11N20SISO	2462	Ant1	-0.87	-49.33	-30.87	PASS



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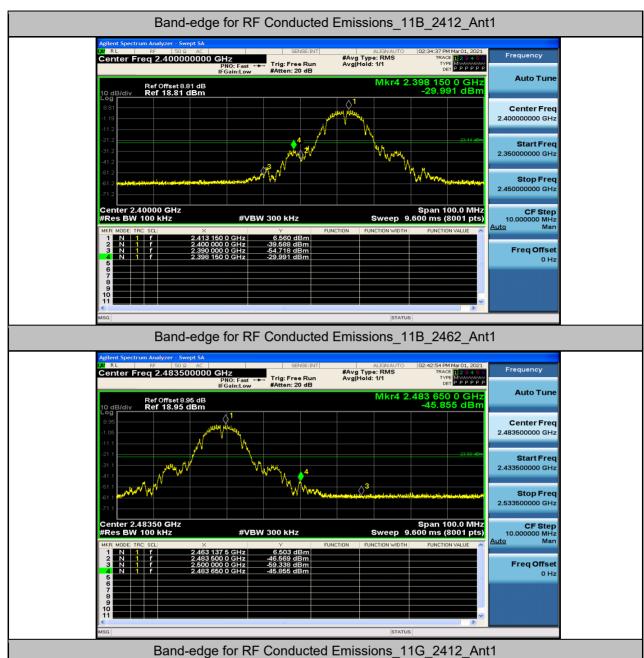
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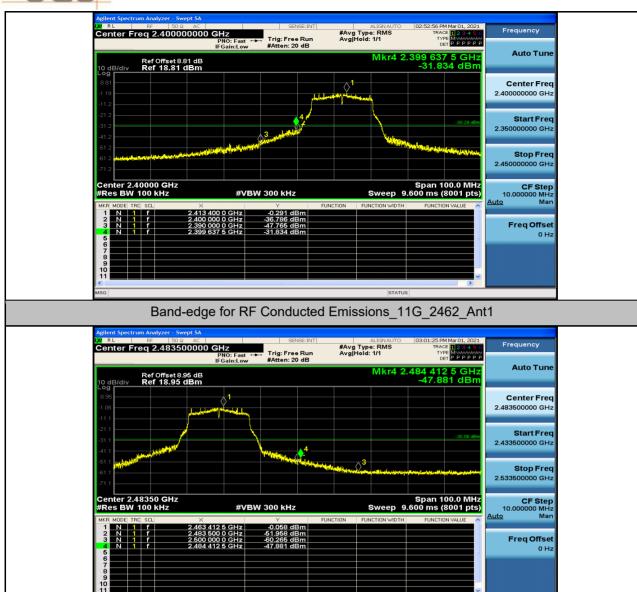
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Band-edge for RF Conducted Emissions 11N20SISO 2412 Ant1



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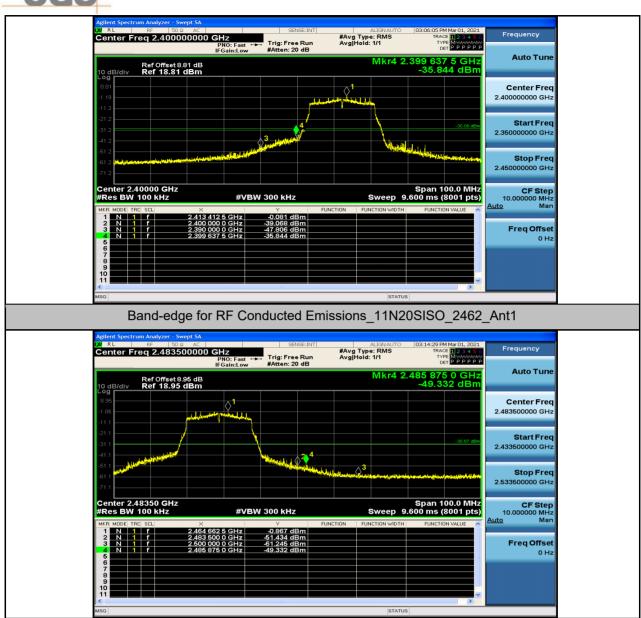
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#### **6.RF Conducted Spurious Emissions**

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	6.58	-50.55	<- 23.43	PASS
11B	2412	Ant1	10000	26000	100	300	6.575	-44.425	<- 23.425	PASS
11B	2437	Ant1	30	10000	100	300	6.78	-51.88	<- 23.22	PASS
11B	2437	Ant1	10000	26000	100	300	6.776	-43.744	<- 23.224	PASS
11B	2462	Ant1	30	10000	100	300	6.36	-51.90	<- 23.64	PASS
11B	2462	Ant1	10000	26000	100	300	6.362	-44.814	<- 23.638	PASS
11G	2412	Ant1	30	10000	100	300	-0.35	-54.65	<- 30.35	PASS
11G	2412	Ant1	10000	26000	100	300	-0.346	-43.949	<- 30.346	PASS
11G	2437	Ant1	30	10000	100	300	-0.08	-54.42	<- 30.08	PASS
11G	2437	Ant1	10000	26000	100	300	-0.078	-43.773	<- 30.078	PASS
11G	2462	Ant1	30	10000	100	300	-0.34	-54.33	<- 30.34	PASS
11G	2462	Ant1	10000	26000	100	300	-0.339	-43.841	<- 30.339	PASS
11N20SISO	2412	Ant1	30	10000	100	300	-0.62	-54.97	<- 30.62	PASS
11N20SISO	2412	Ant1	10000	26000	100	300	-0.623	-43.557	<- 30.623	PASS
11N20SISO	2437	Ant1	30	10000	100	300	-0.04	-54.35	<- 30.04	PASS
11N20SISO	2437	Ant1	10000	26000	100	300	-0.037	-44.179	<- 30.037	PASS
11N20SISO	2462	Ant1	30	10000	100	300	-0.59	-54.21	<- 30.59	PASS
11N20SISO	2462	Ant1	10000	26000	100	300	-0.593	-44.053	<- 30.593	PASS



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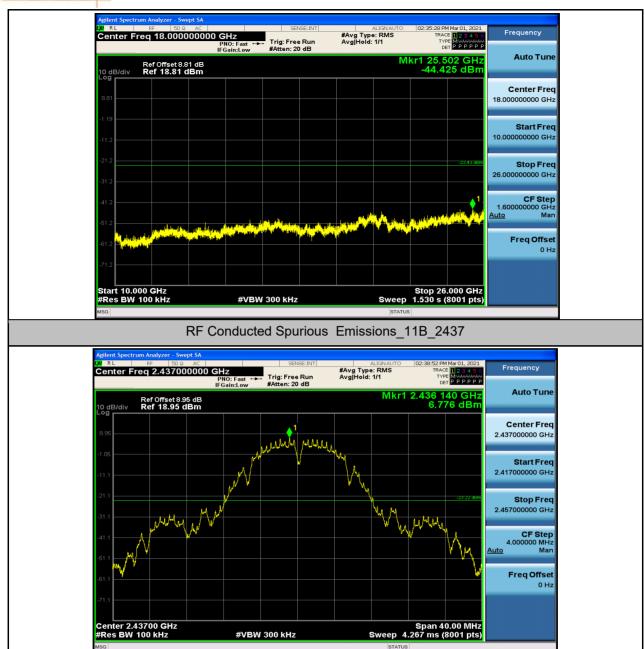
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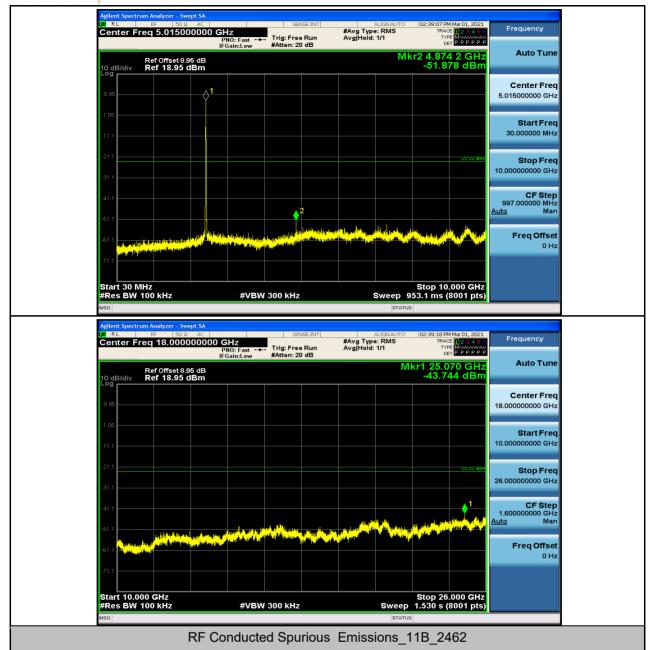
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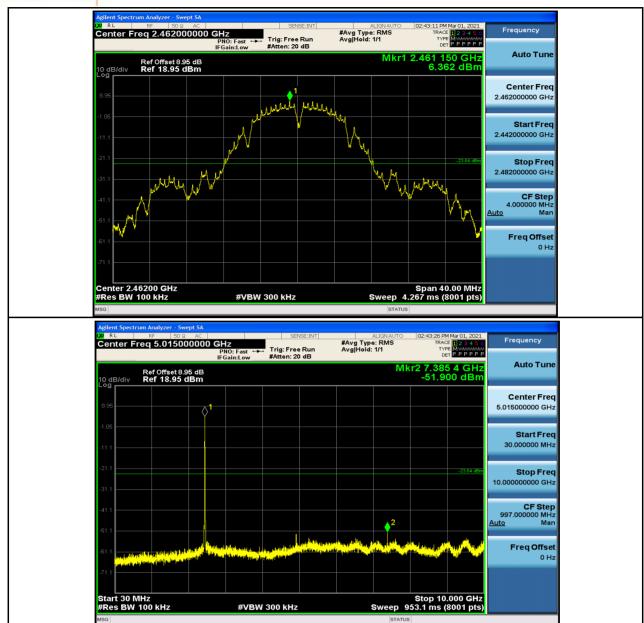
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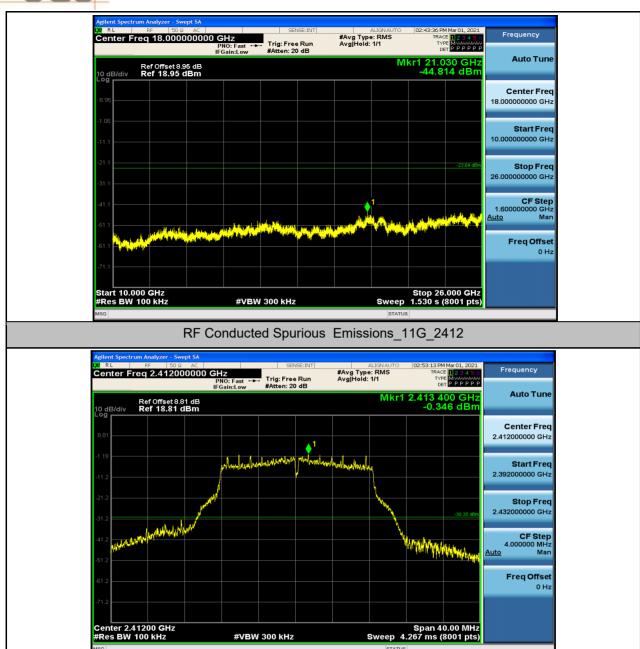
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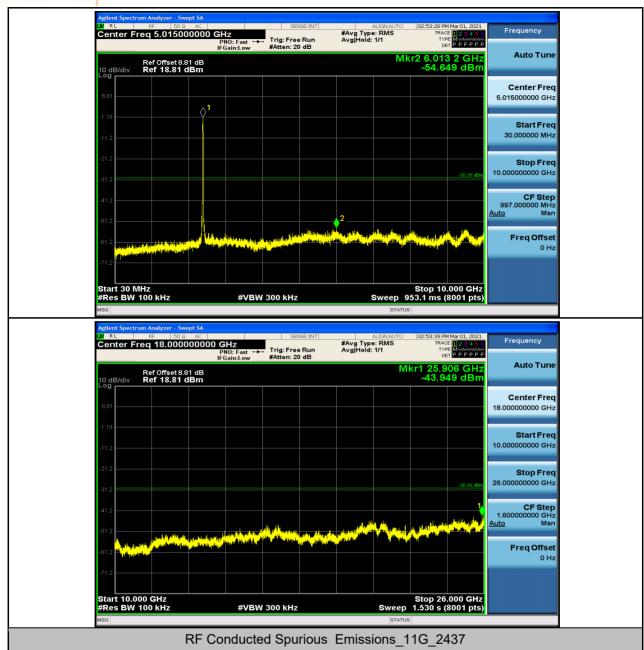
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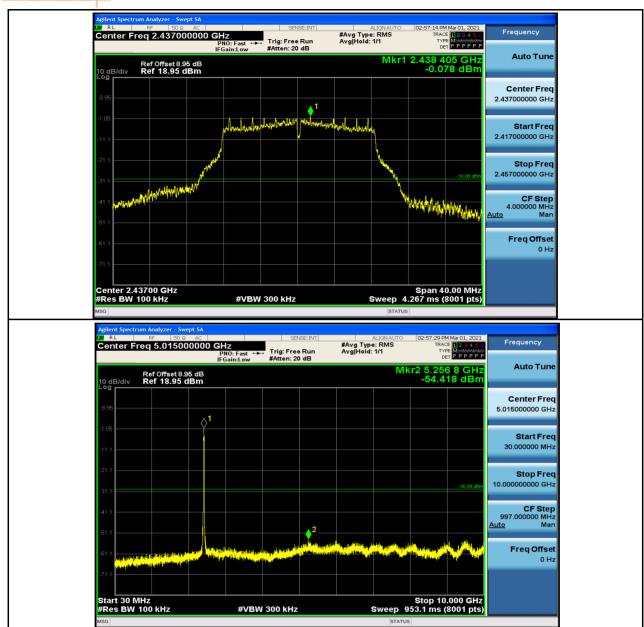
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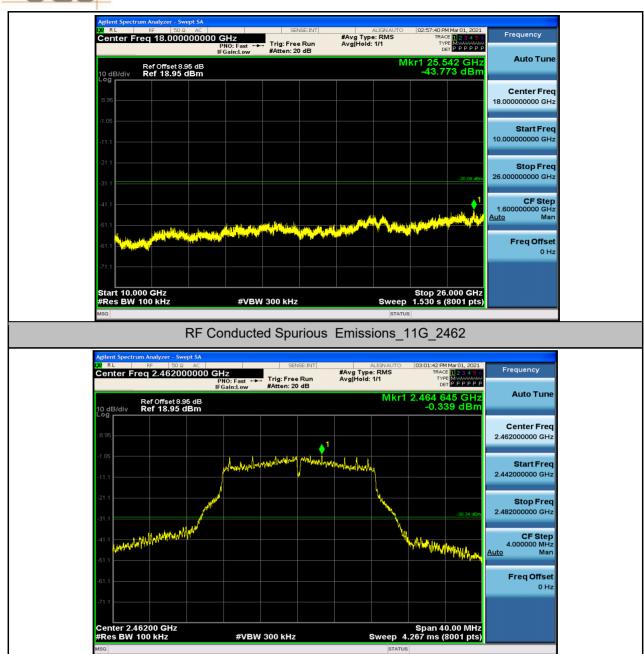
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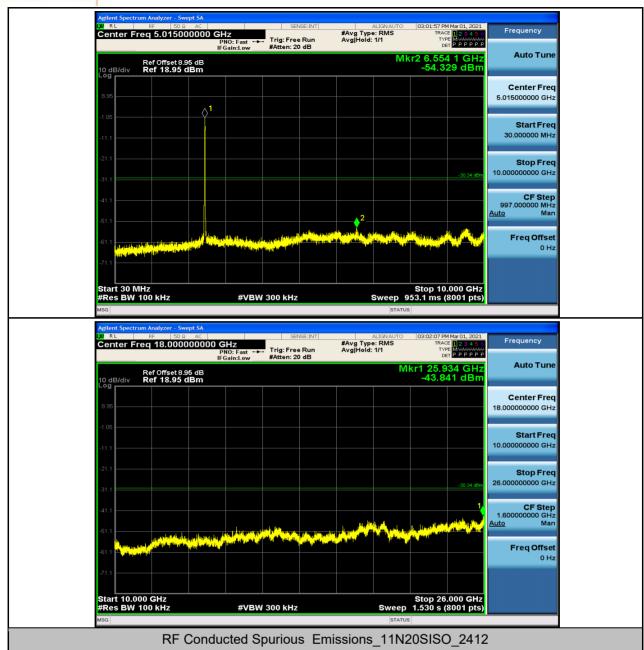
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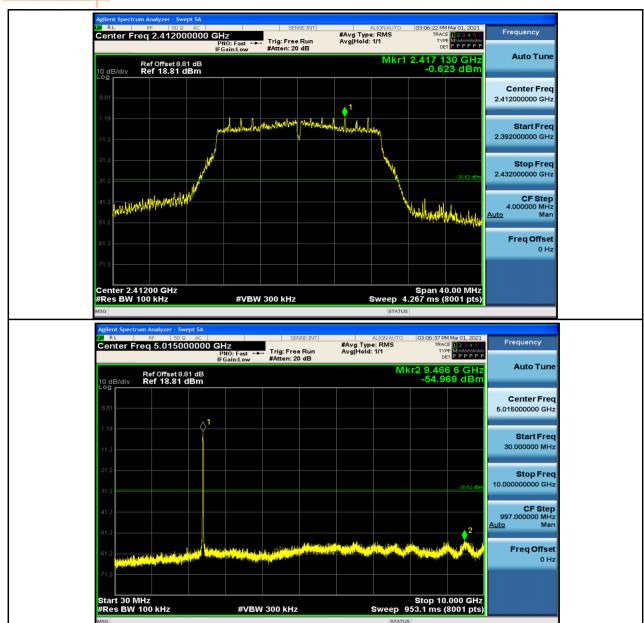
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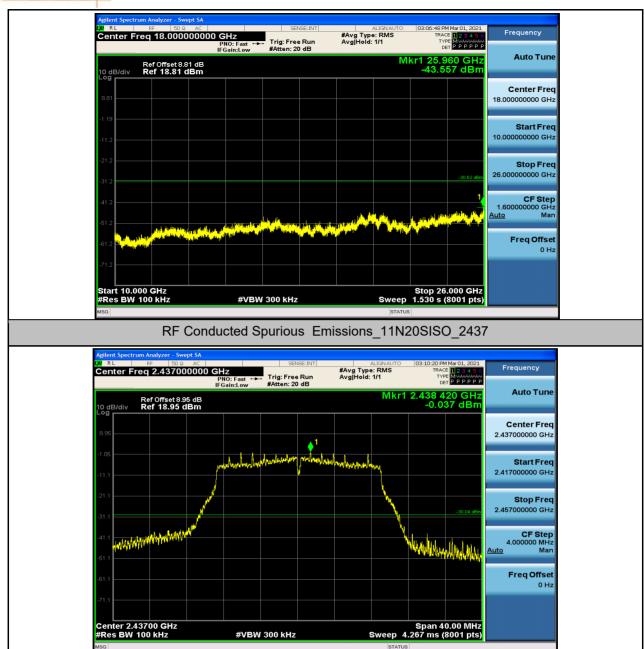
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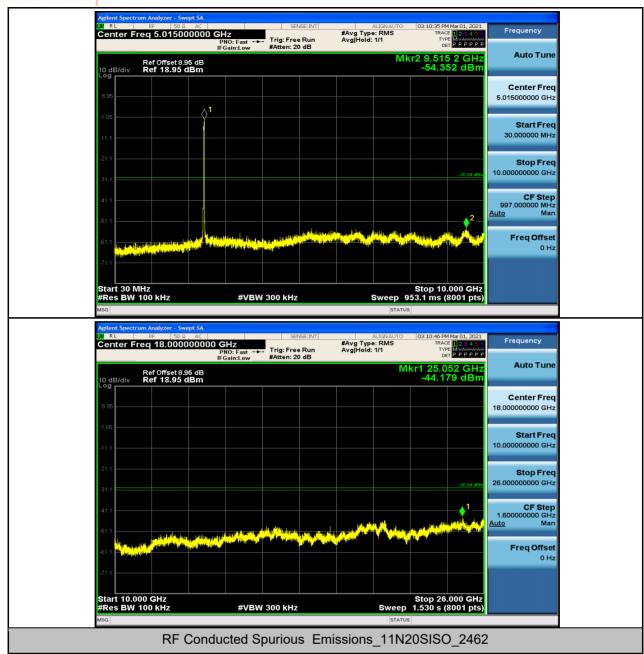
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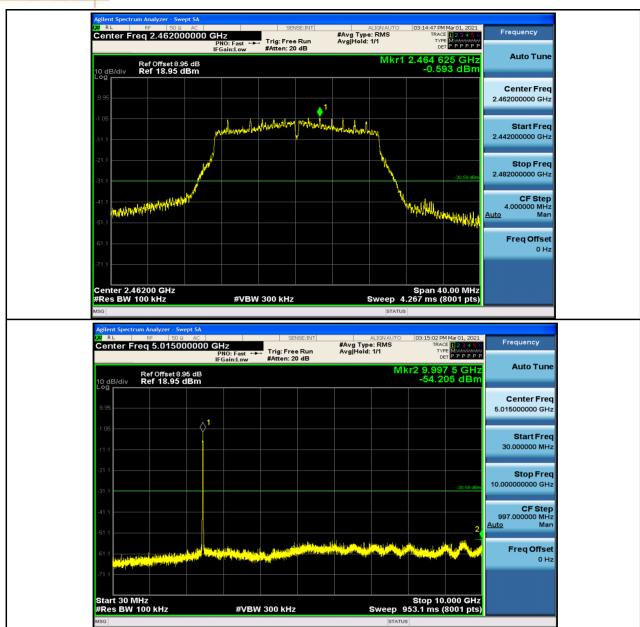
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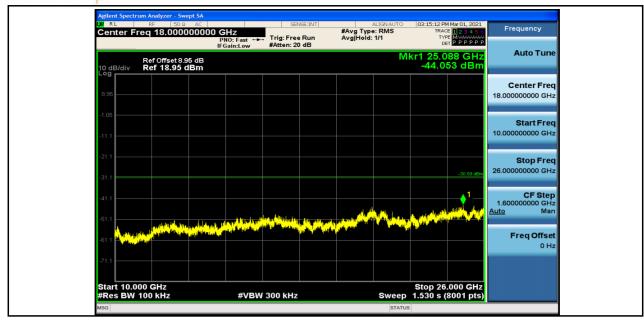
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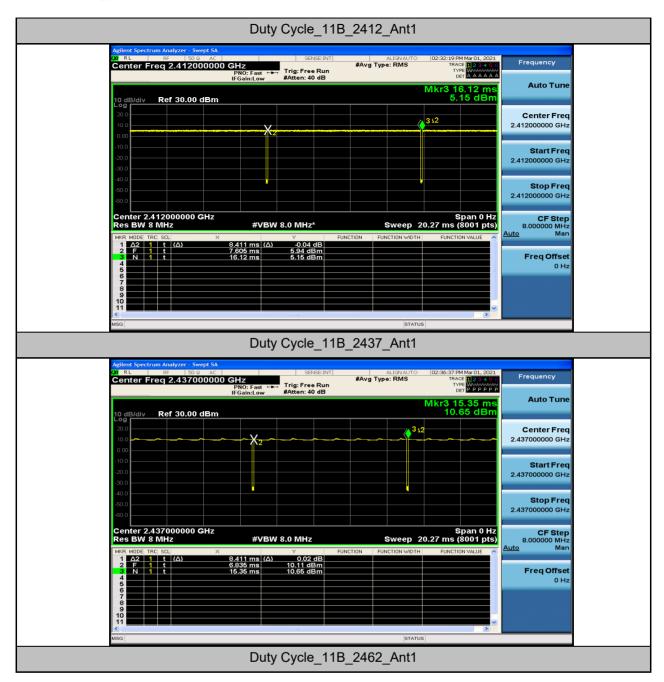
#### 7. Duty Cycle

Test Mode	Test Channel	Ant	Duty Cycle[%]	10log(1/x) Factor[dB]
11B	2412	Ant1	98.81	0.05
11B	2437	Ant1	98.81	0.05
11B	2462	Ant1	98.81	0.05
11G	2412	Ant1	92.89	0.32
11G	2437	Ant1	92.89	0.32
11G	2462	Ant1	92.74	0.33
11N20SISO	2412	Ant1	92.28	0.35
11N20SISO	2437	Ant1	92.46	0.34
11N20SISO	2462	Ant1	92.45	0.34



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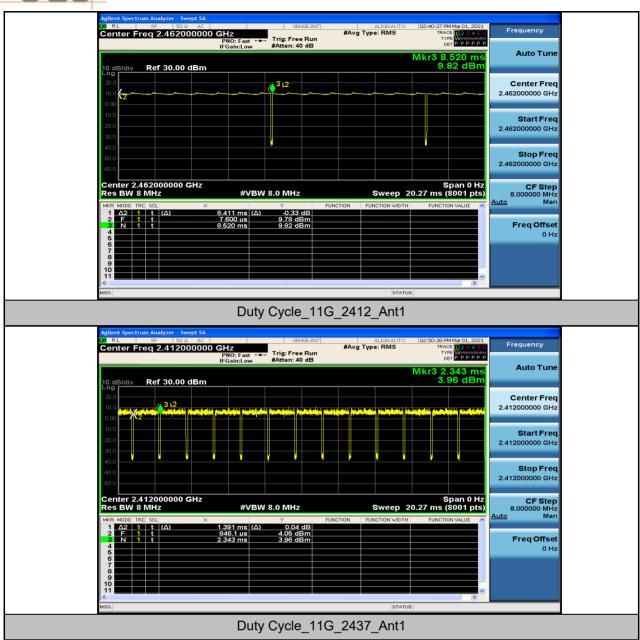
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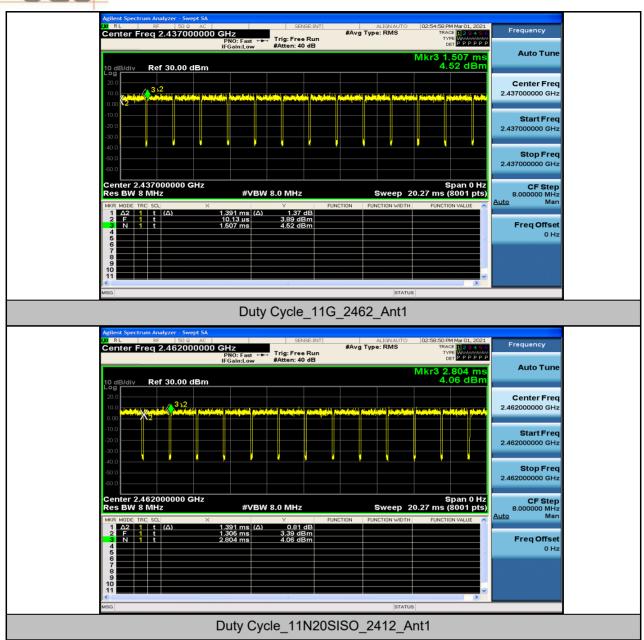
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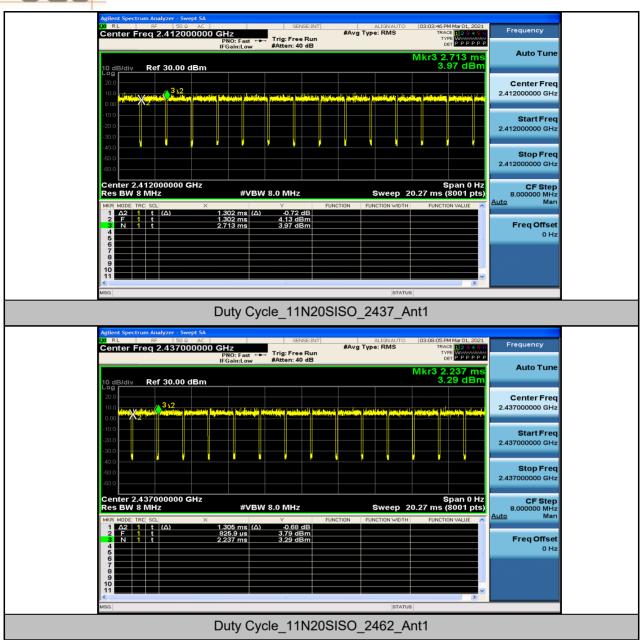
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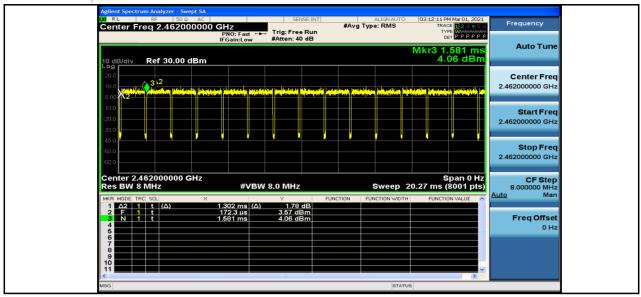
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