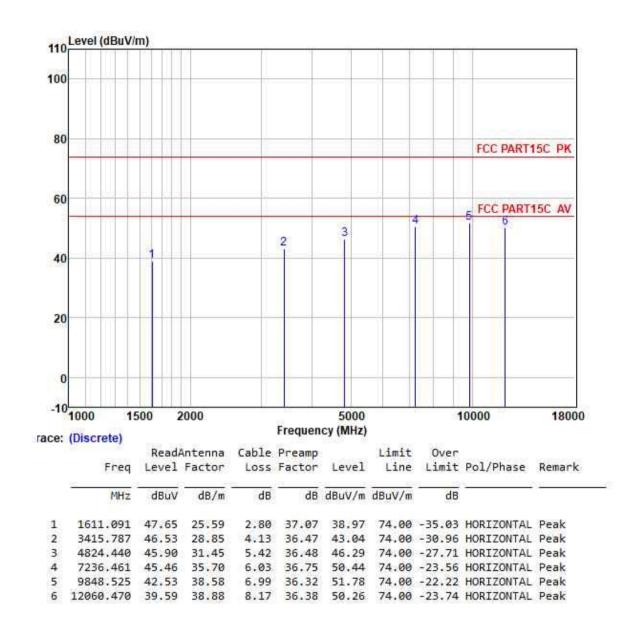


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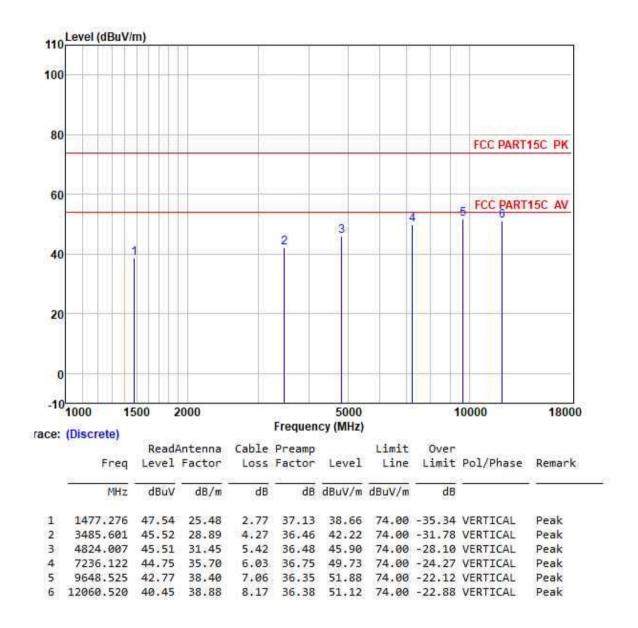
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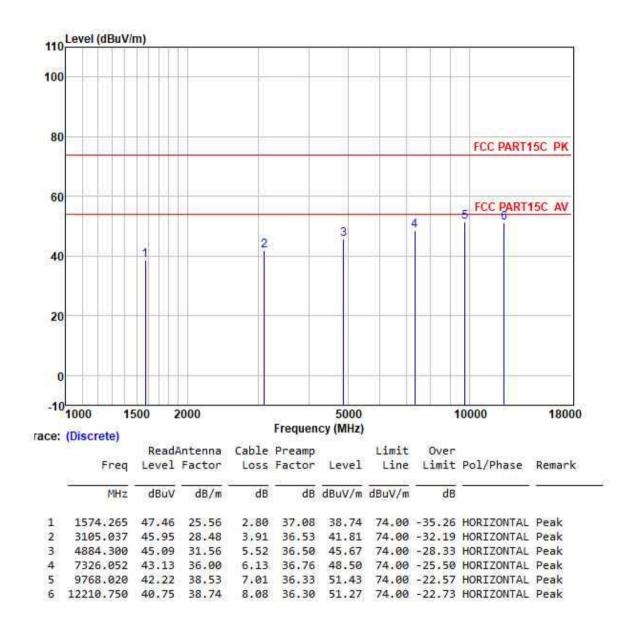
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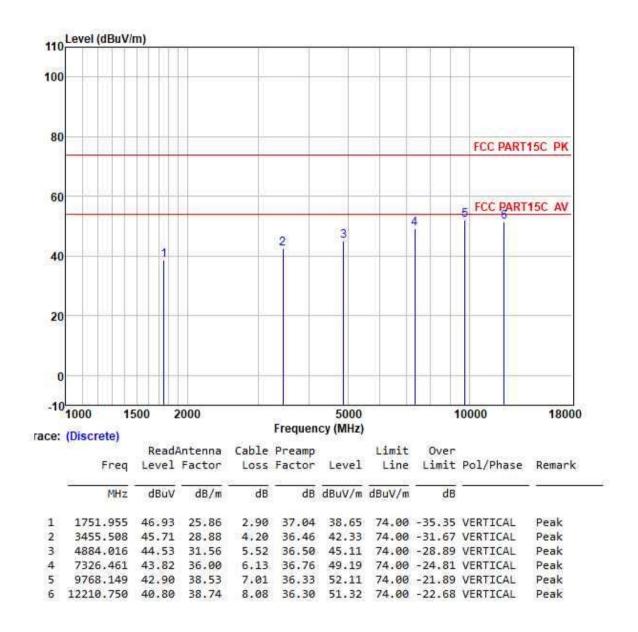
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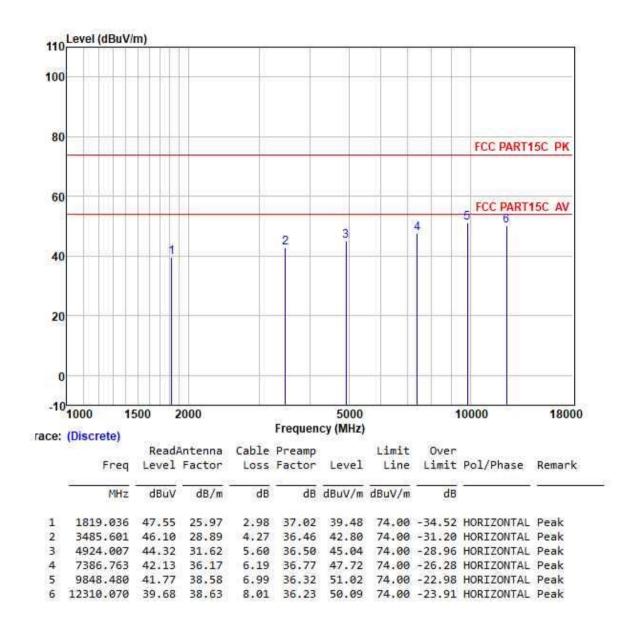
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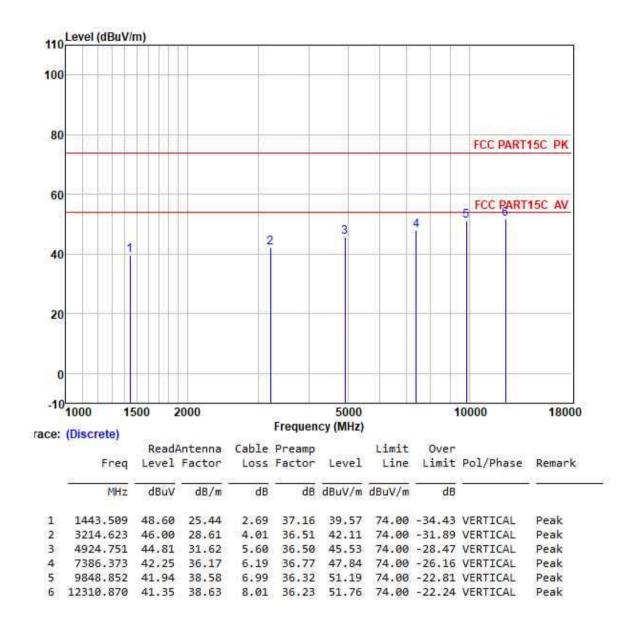
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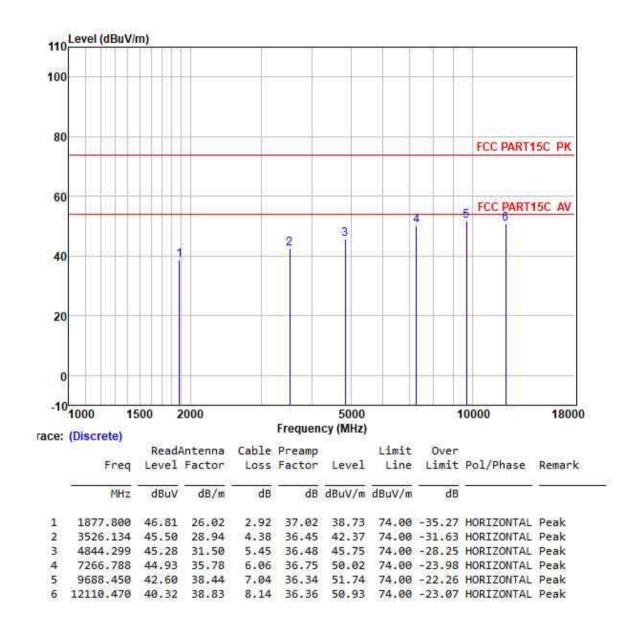
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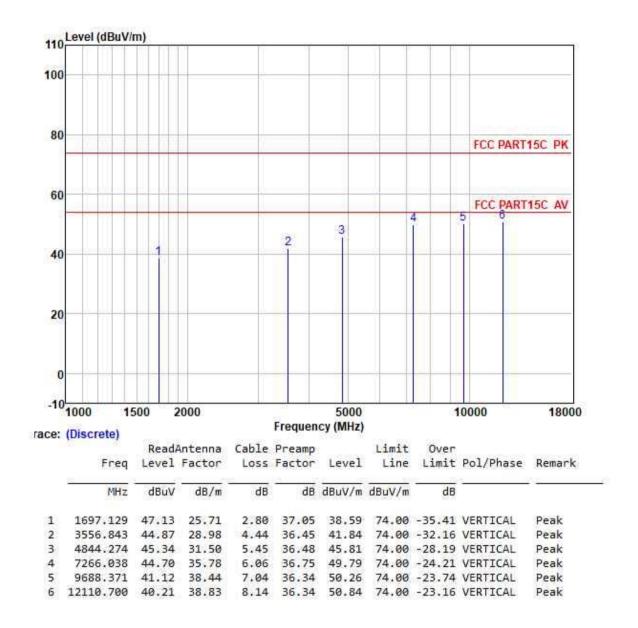
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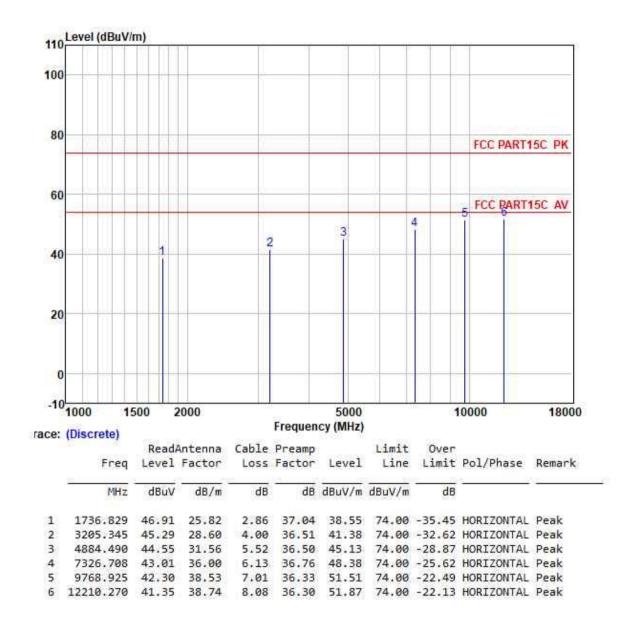
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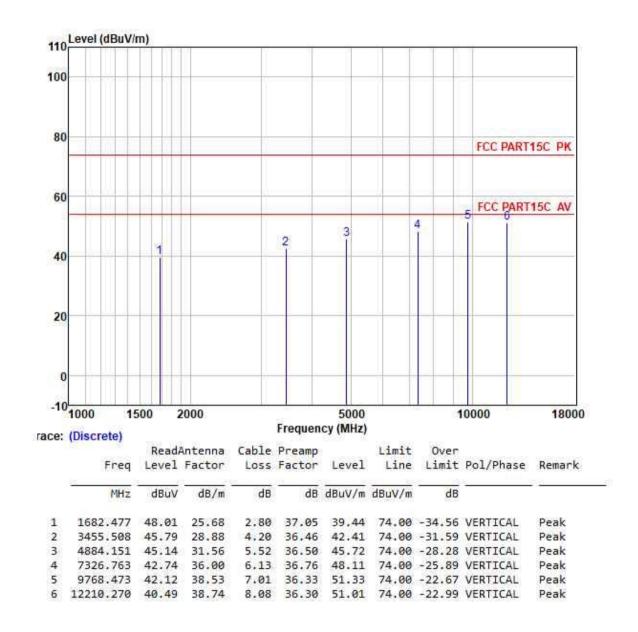
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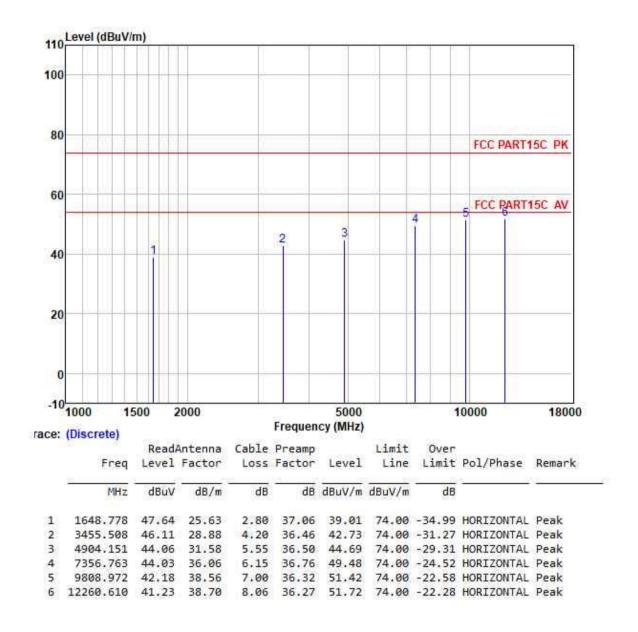
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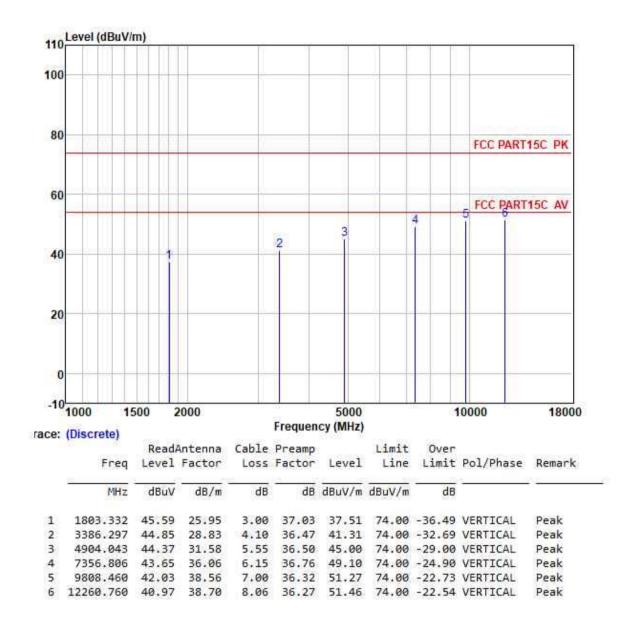
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## 8 Appendix

Cable loss=0.9dB

### 8.1 Appendix 15.247

#### 1. 6dB Bandwidth

Test Mode	Test Channel	Ant	OBW[MHz]	EBW[MHz]	Limit	Verdict
11B	2412	Ant1	16.174	11.15	0.5	PASS
11B	2442	Ant1	16.188	11.14	0.5	PASS
11B	2462	Ant1	16.176	11.26	0.5	PASS
11G	2412	Ant1	16.459	16.47	0.5	PASS
11G	2442	Ant1	16.460	16.49	0.5	PASS
11G	2462	Ant1	16.439	16.46	0.5	PASS
11N20SISO	2412	Ant1	17.632	17.59	0.5	PASS
11N20SISO	2442	Ant1	17.578	17.57	0.5	PASS
11N20SISO	2462	Ant1	17.570	17.59	0.5	PASS
11N40SISO	2422	Ant1	36.584	36.34	0.5	PASS
11N40SISO	2442	Ant1	36.183	36.06	0.5	PASS
11N40SISO	2452	Ant1	36.191	36.30	0.5	PASS



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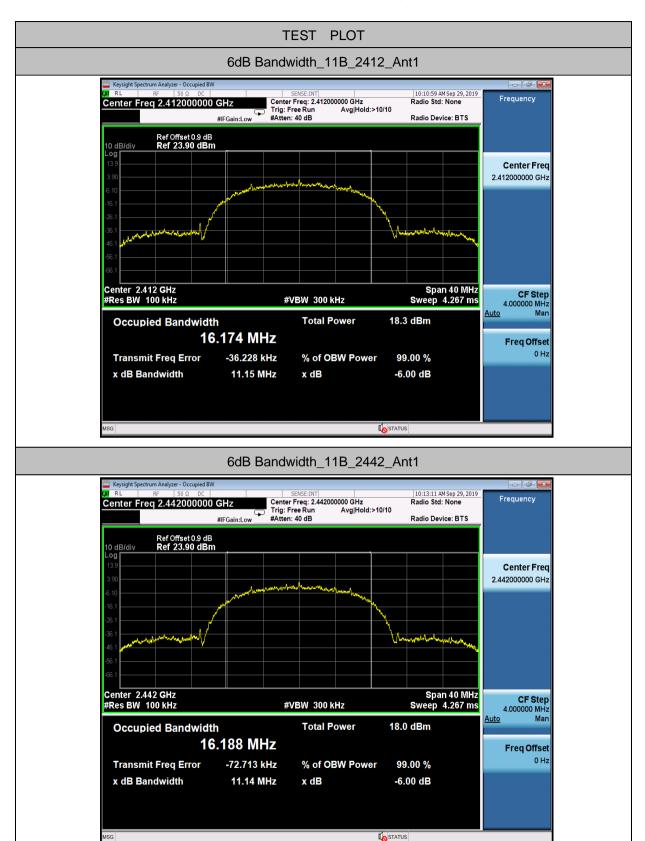
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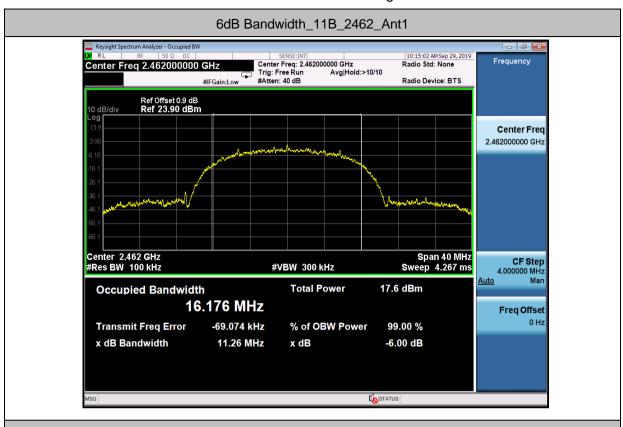
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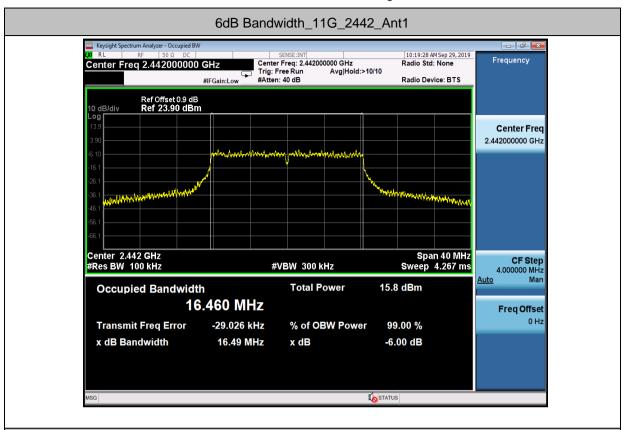
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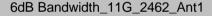
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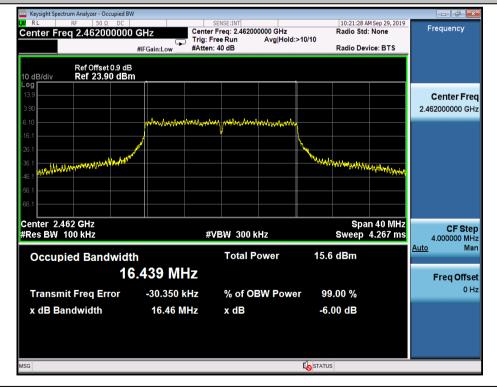


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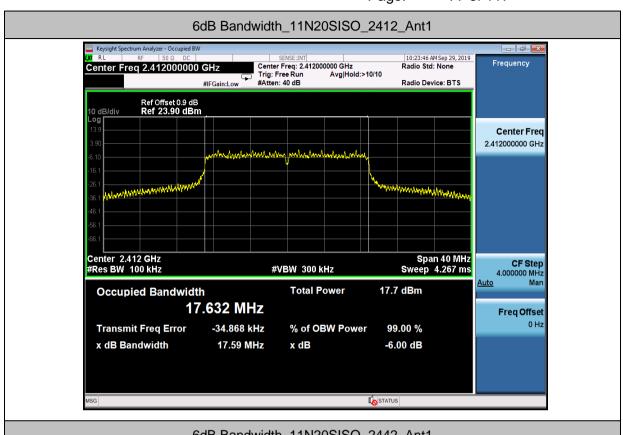
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#### 6dB Bandwidth 11N20SISO 2442 Ant1





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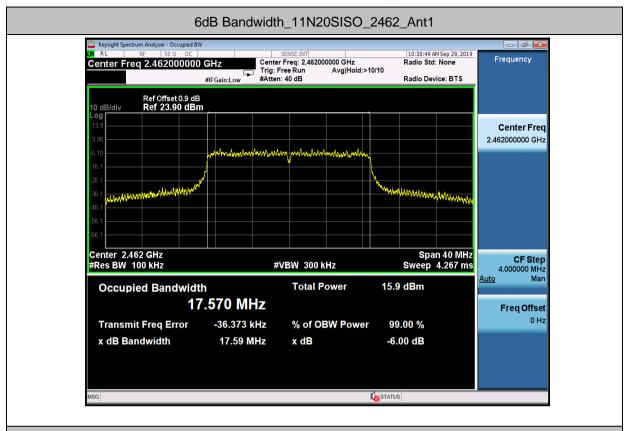
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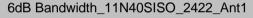
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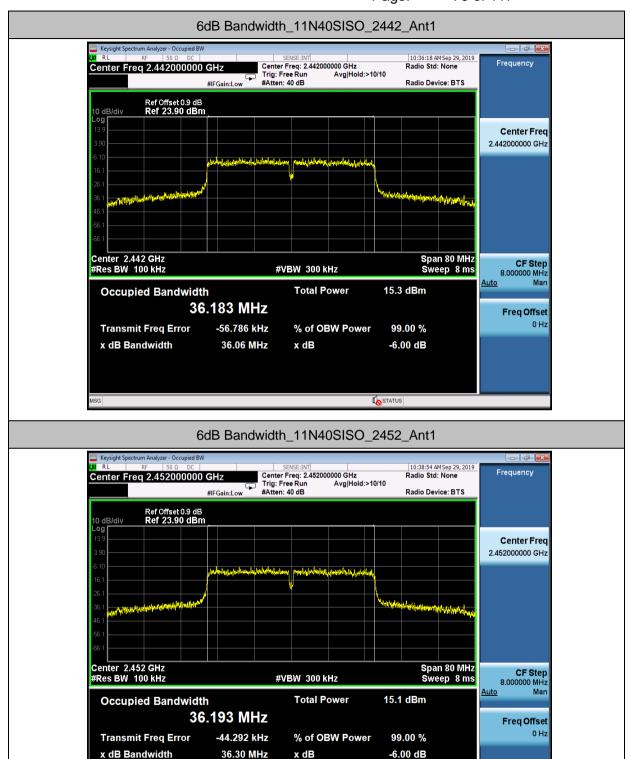
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#### 2.Maximum peak conducted output power

Test Mode	Test Channel	Ant	Power[dBm]	Limit[dBm]	Verdict
11B	2412	Ant1	16.37	30	PASS
11B	2442	Ant1	16.04	30	PASS
11B	2462	Ant1	15.75	30	PASS
11G	2412	Ant1	17.19	30	PASS
11G	2442	Ant1	16.77	30	PASS
11G	2462	Ant1	16.52	30	PASS
11N20SISO	2412	Ant1	18.72	30	PASS
11N20SISO	2442	Ant1	17.18	30	PASS
11N20SISO	2462	Ant1	16.86	30	PASS
11N40SISO	2422	Ant1	18.78	30	PASS
11N40SISO	2442	Ant1	16.45	30	PASS
11N40SISO	2452	Ant1	16.29	30	PASS



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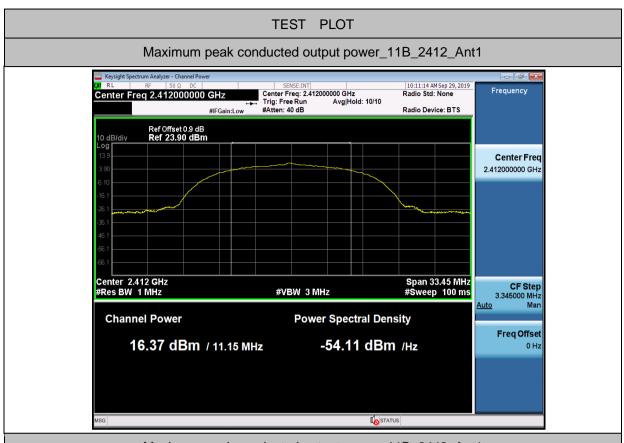
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#### Maximum peak conducted output power\_11B\_2442\_Ant1





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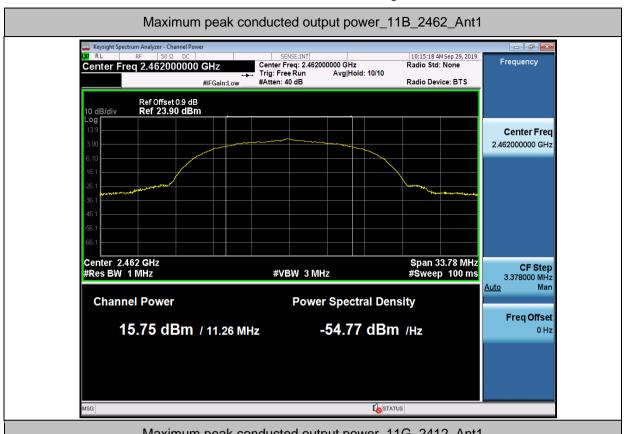
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#### Maximum peak conducted output power\_11G\_2412\_Ant1





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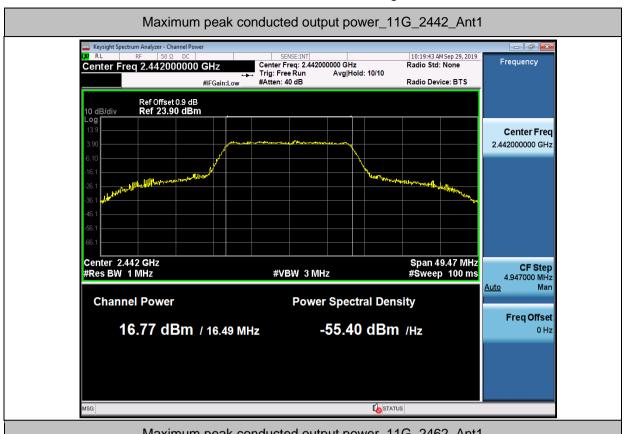
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#### Maximum peak conducted output power\_11G\_2462\_Ant1





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#### Maximum peak conducted output power\_11N20SISO\_2442\_Ant1





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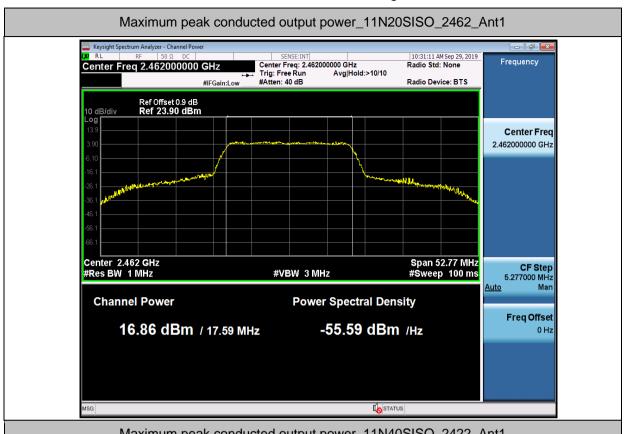
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#### Maximum peak conducted output power\_11N40SISO\_2422\_Ant1





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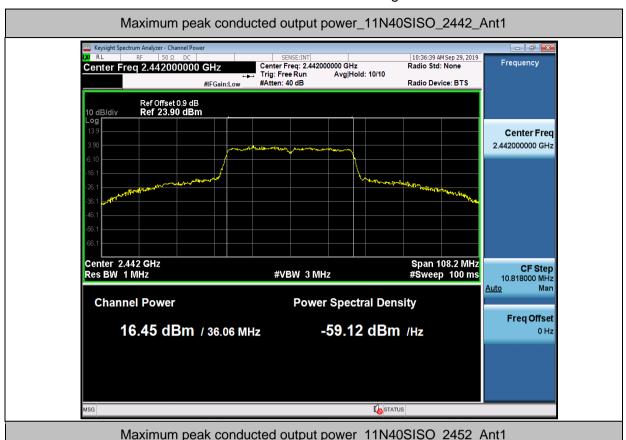
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#### Maximum peak conducted output power\_11N40SISO\_2452\_Ant1





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#### 3. Maximum Peak power spectral density

Test Mode	Test Channel	Ant	Result	Limit[dBm/3kHz]	Verdict
11B	2412	Ant1	-4.537	8.00	PASS
11B	2442	Ant1	-4.769	8.00	PASS
11B	2462	Ant1	-5.064	8.00	PASS
11G	2412	Ant1	-17.318	8.00	PASS
11G	2442	Ant1	-17.296	8.00	PASS
11G	2462	Ant1	-17.525	8.00	PASS
11N20SISO	2412	Ant1	-15.062	8.00	PASS
11N20SISO	2442	Ant1	-17.419	8.00	PASS
11N20SISO	2462	Ant1	-16.943	8.00	PASS
11N40SISO	2422	Ant1	-16.004	8.00	PASS
11N40SISO	2442	Ant1	-19.03	8.00	PASS
11N40SISO	2452	Ant1	-19.771	8.00	PASS



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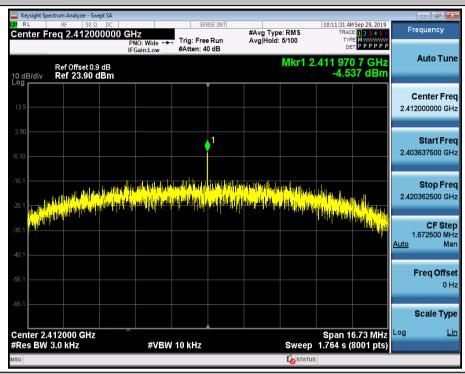


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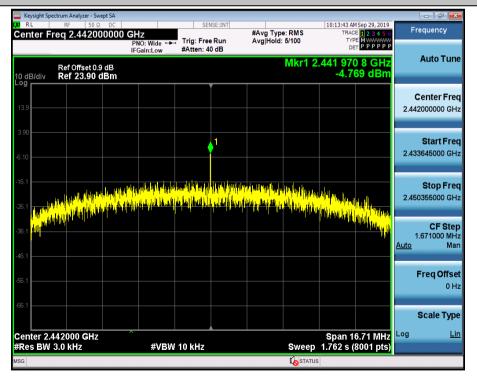
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#### **TEST PLOT**

#### Maximum Peak power spectral density\_11B\_2412\_Ant1



#### Maximum Peak power spectral density 11B 2442 Ant1





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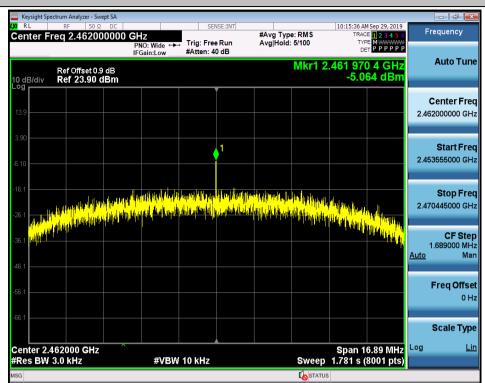
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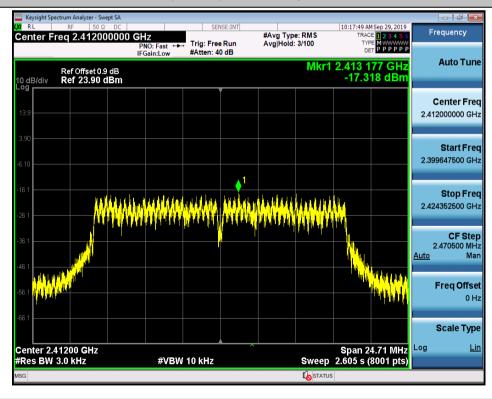
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### Maximum Peak power spectral density 11B 2462 Ant1



#### Maximum Peak power spectral density\_11G\_2412\_Ant1





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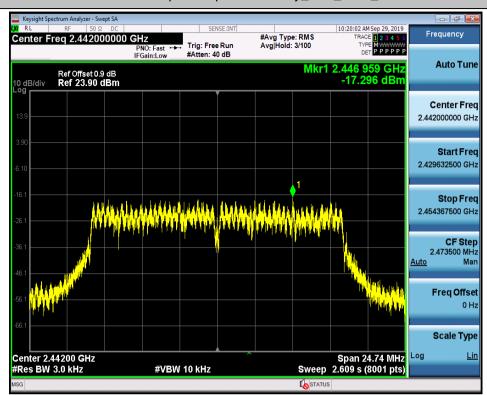
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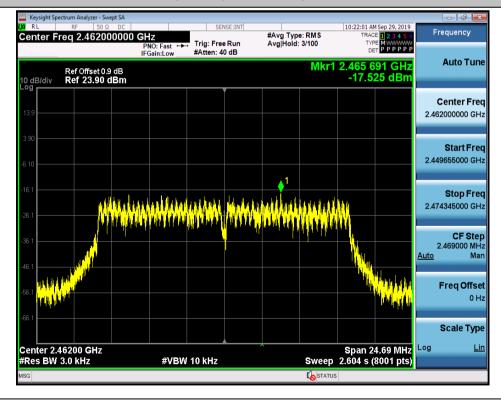
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### Maximum Peak power spectral density\_11G\_2442\_Ant1



#### Maximum Peak power spectral density\_11G\_2462\_Ant1





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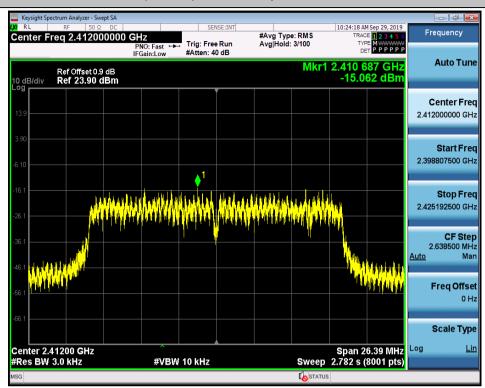
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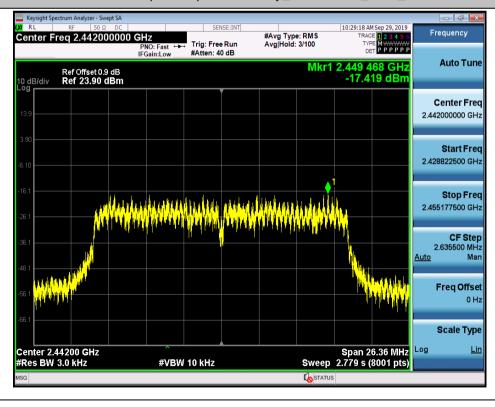
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#### Maximum Peak power spectral density\_11N20SISO\_2412\_Ant1



#### Maximum Peak power spectral density\_11N20SISO\_2442\_Ant1





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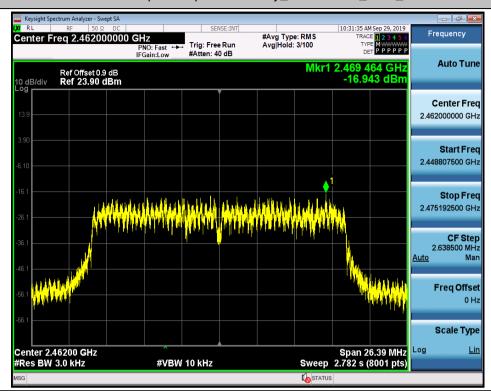
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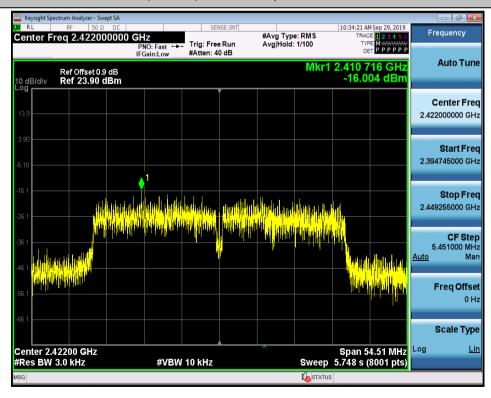
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#### Maximum Peak power spectral density\_11N20SISO\_2462\_Ant1



#### Maximum Peak power spectral density\_11N40SISO\_2422\_Ant1





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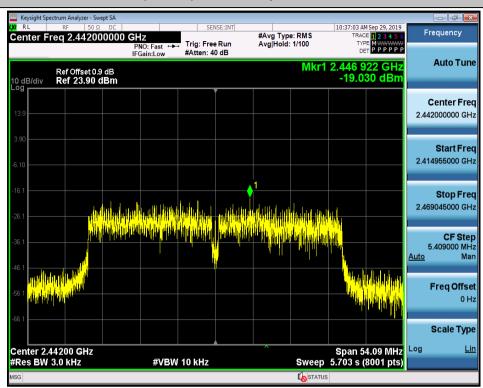
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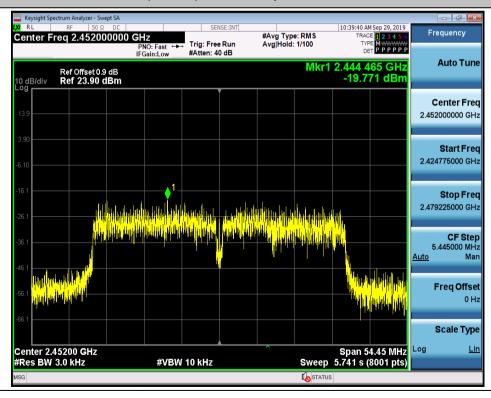
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#### Maximum Peak power spectral density 11N40SISO 2442 Ant1



#### Maximum Peak power spectral density 11N40SISO 2452 Ant1





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#### 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	2.067	-47.908	-17.93	PASS
11B	2462	Ant1	1.378	-47.982	-18.62	PASS
11G	2412	Ant1	-2.346	-43.725	-22.35	PASS
11G	2462	Ant1	-3.068	-44.547	-23.07	PASS
11N20SISO	2412	Ant1	-0.755	-37.659	-20.76	PASS
11N20SISO	2462	Ant1	-2.690	-40.746	-22.69	PASS
11N40SISO	2422	Ant1	-3.903	-26.618	-23.9	PASS
11N40SISO	2452	Ant1	-6.136	-33.792	-26.14	PASS



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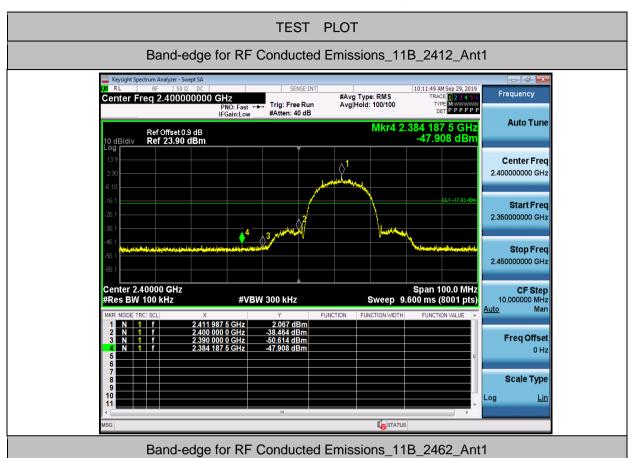
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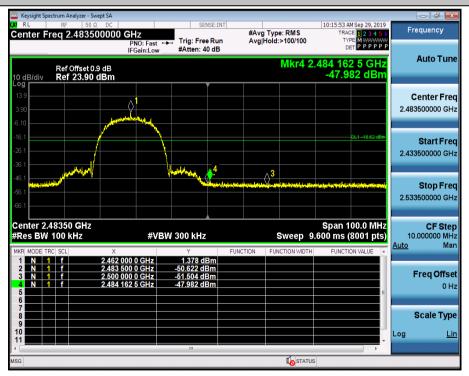
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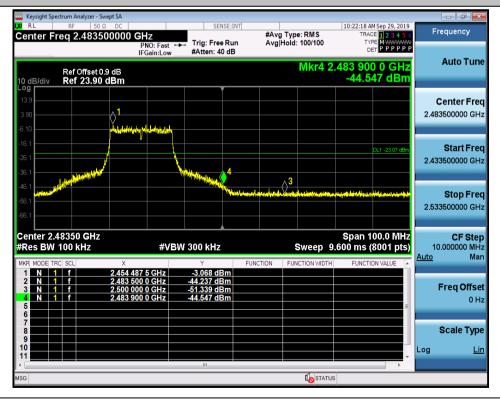


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#### Band-edge for RF Conducted Emissions\_11G\_2462\_Ant1





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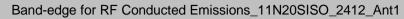
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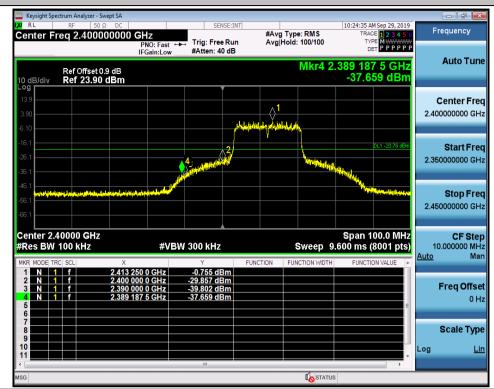
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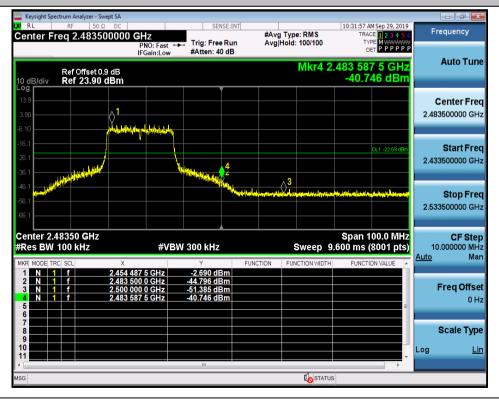
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#### Band-edge for RF Conducted Emissions\_11N20SISO\_2462\_Ant1





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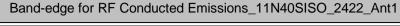
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#### Band-edge for RF Conducted Emissions\_11N40SISO\_2452\_Ant1





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#### **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	1.884	-37.126	<-18.116	PASS
11B	2412	Ant1	10000	26000	100	300	1.884	-52.011	<-18.116	PASS
11B	2442	Ant1	30	10000	100	300	1.609	-40.656	<-18.391	PASS
11B	2442	Ant1	10000	26000	100	300	1.609	-51.654	<-18.391	PASS
11B	2462	Ant1	30	10000	100	300	1.438	-41.535	<-18.562	PASS
11B	2462	Ant1	10000	26000	100	300	1.438	-52.054	<-18.562	PASS
11G	2412	Ant1	30	10000	100	300	-2.414	-41.618	<-22.414	PASS
11G	2412	Ant1	10000	26000	100	300	-2.414	-52.259	<-22.414	PASS
11G	2442	Ant1	30	10000	100	300	-2.801	-44.161	<-22.801	PASS
11G	2442	Ant1	10000	26000	100	300	-2.801	-51.965	<-22.801	PASS
11G	2462	Ant1	30	10000	100	300	-3.055	-46.305	<-23.055	PASS
11G	2462	Ant1	10000	26000	100	300	-3.055	-51.103	<-23.055	PASS
11N20SISO	2412	Ant1	30	10000	100	300	-0.755	-42.771	<-20.755	PASS
11N20SISO	2412	Ant1	10000	26000	100	300	-0.755	-51.403	<-20.755	PASS
11N20SISO	2442	Ant1	30	10000	100	300	-2.418	-41.243	<-22.418	PASS
11N20SISO	2442	Ant1	10000	26000	100	300	-2.418	-51.550	<-22.418	PASS
11N20SISO	2462	Ant1	30	10000	100	300	-2.67	-44.960	<-22.67	PASS
11N20SISO	2462	Ant1	10000	26000	100	300	-2.67	-52.117	<-22.67	PASS
11N40SISO	2422	Ant1	30	10000	100	300	-3.932	-40.377	<-23.932	PASS
11N40SISO	2422	Ant1	10000	26000	100	300	-3.932	-51.894	<-23.932	PASS
11N40SISO	2442	Ant1	30	10000	100	300	-5.865	-46.846	<-25.865	PASS
11N40SISO	2442	Ant1	10000	26000	100	300	-5.865	-51.783	<-25.865	PASS
11N40SISO	2452	Ant1	30	10000	100	300	-6.19	-45.686	<-26.19	PASS
11N40SISO	2452	Ant1	10000	26000	100	300	-6.19	-51.865	<-26.19	PASS



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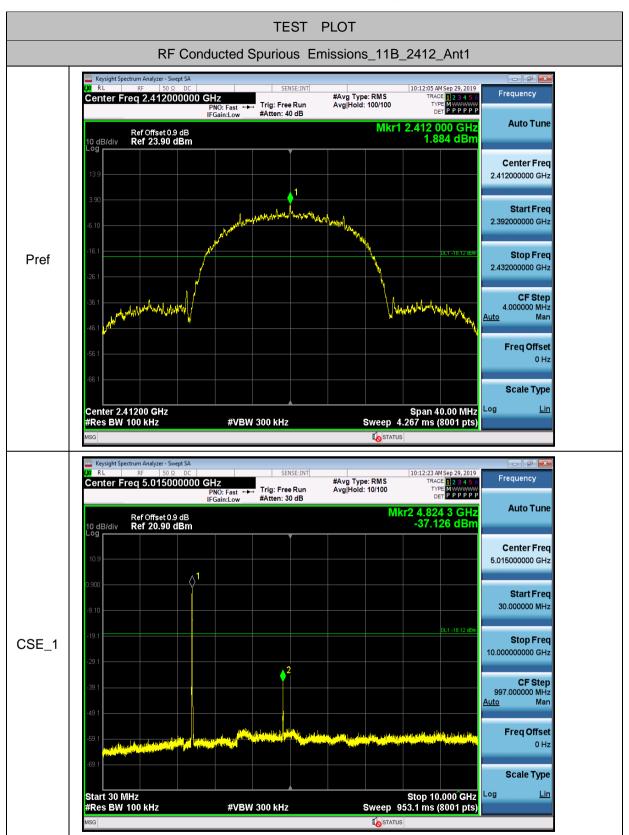
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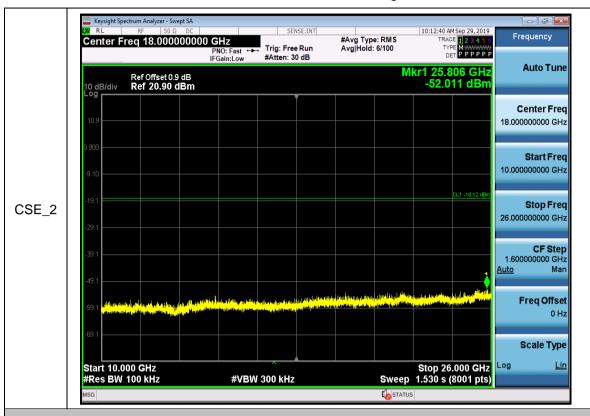
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#### RF Conducted Spurious Emissions\_11B\_2442\_Ant1





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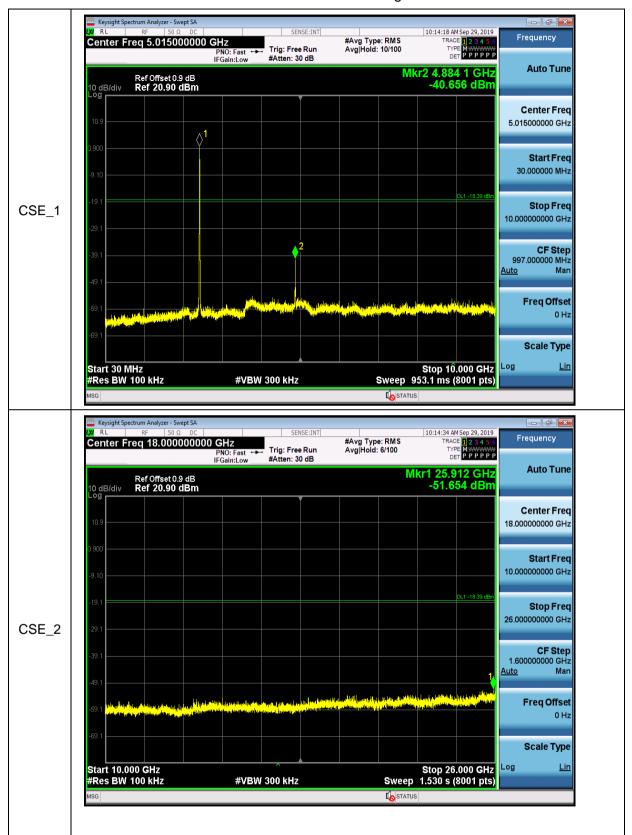
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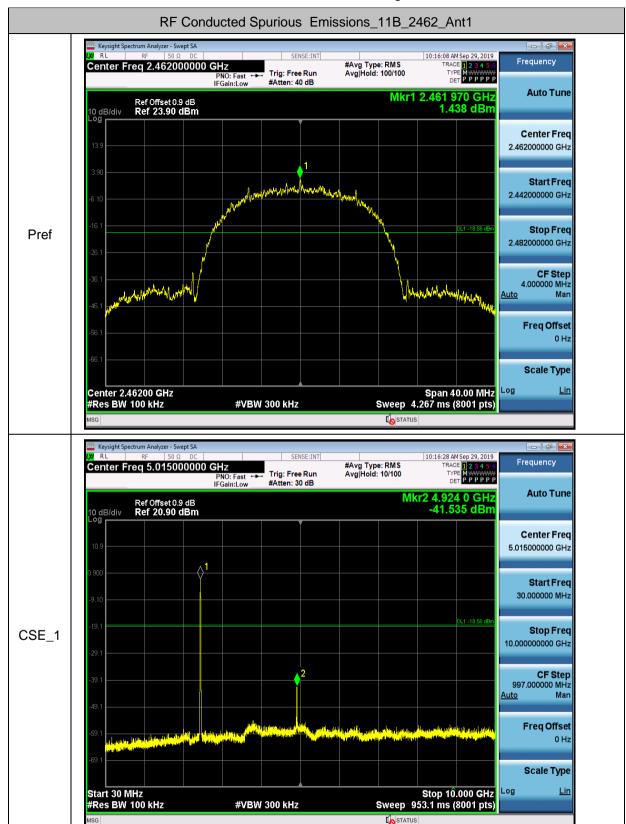
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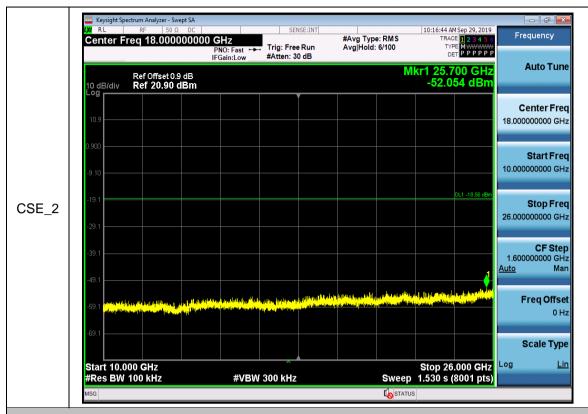
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#### RF Conducted Spurious Emissions\_11G\_2412\_Ant1





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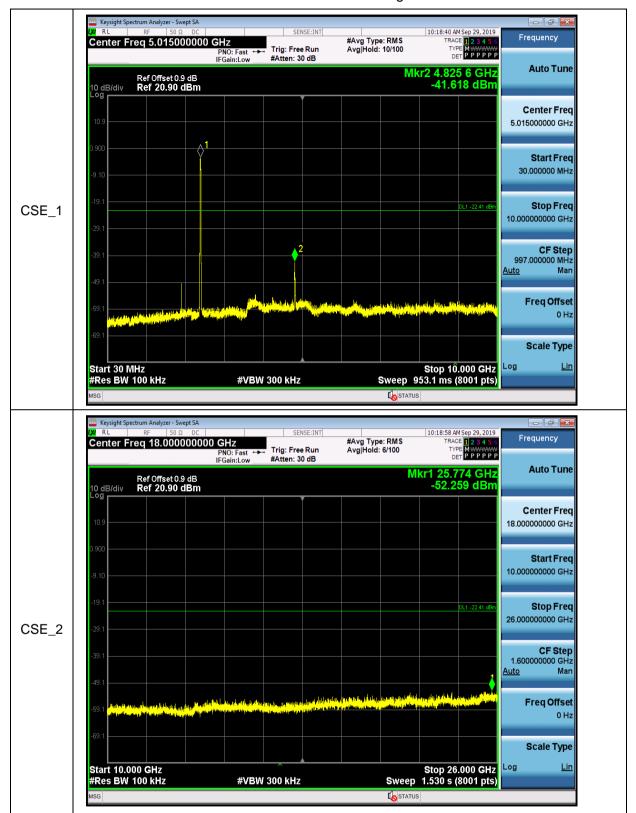
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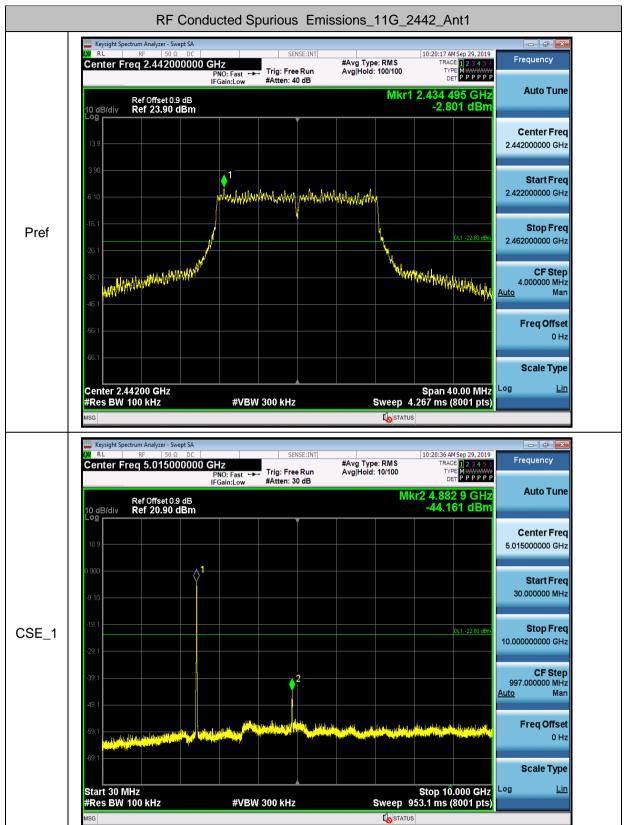
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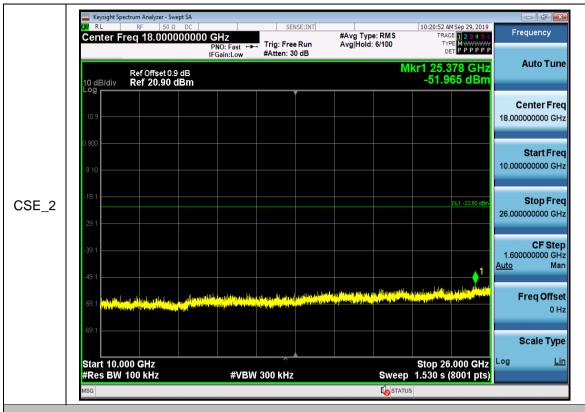
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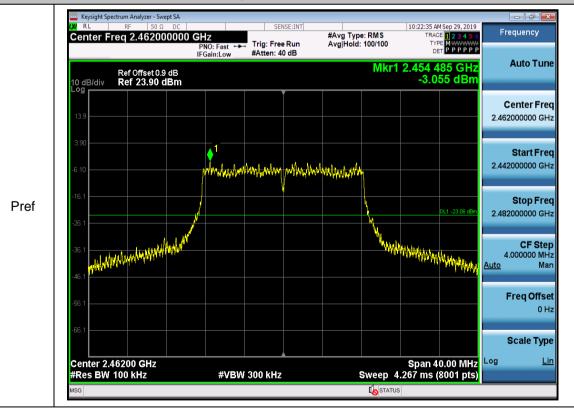


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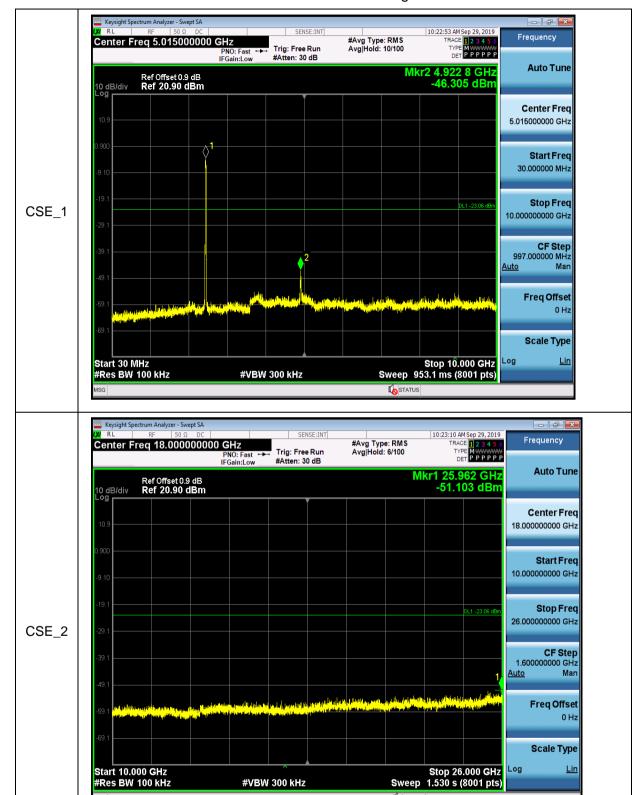
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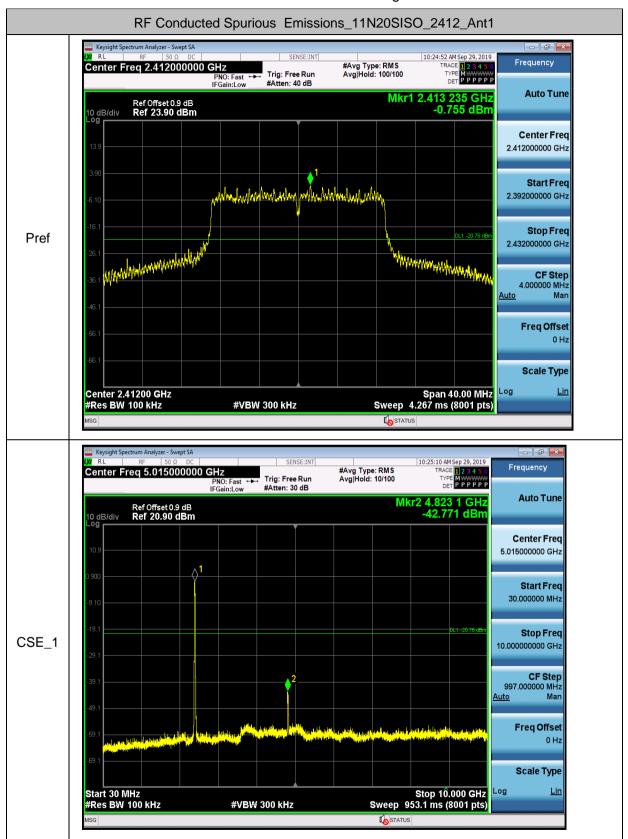
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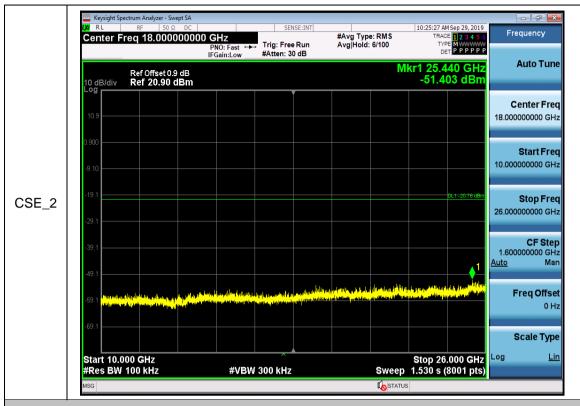
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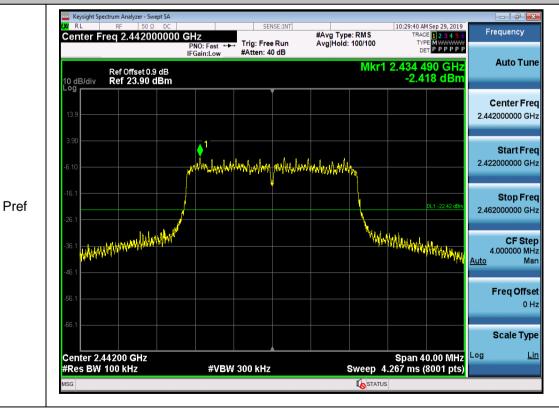


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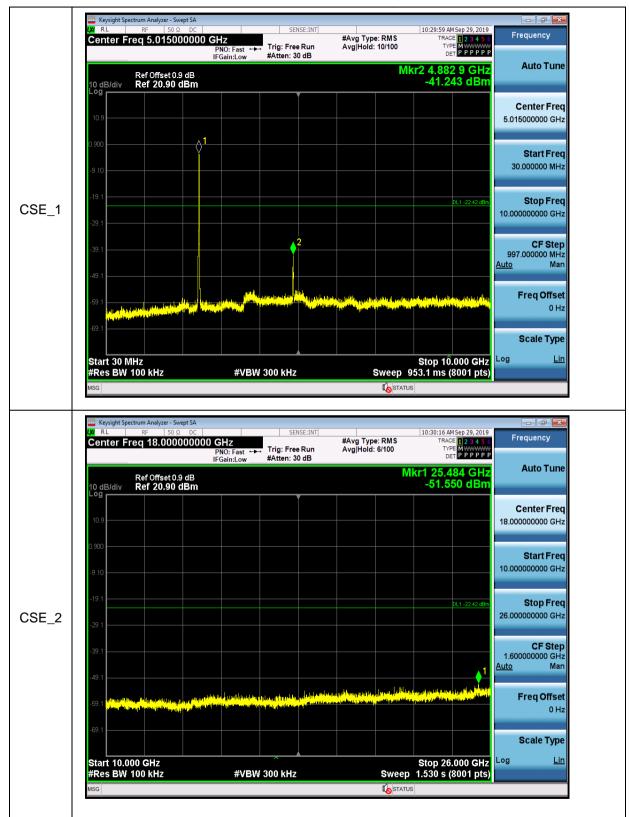
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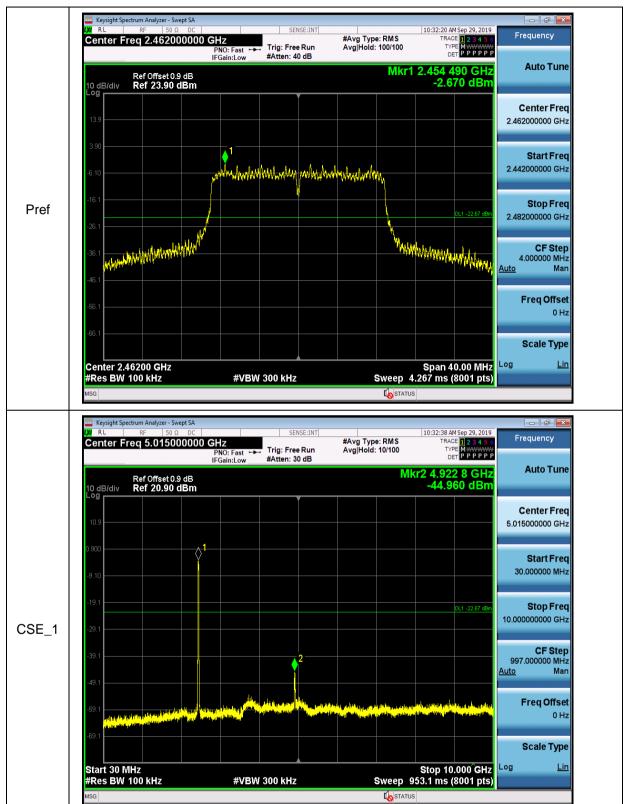
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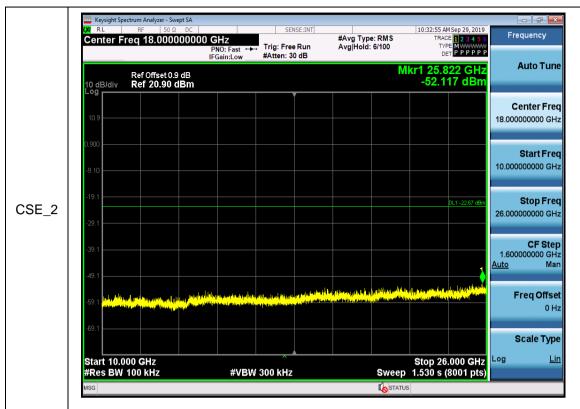
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#### RF Conducted Spurious Emissions\_11N40SISO\_2422\_Ant1





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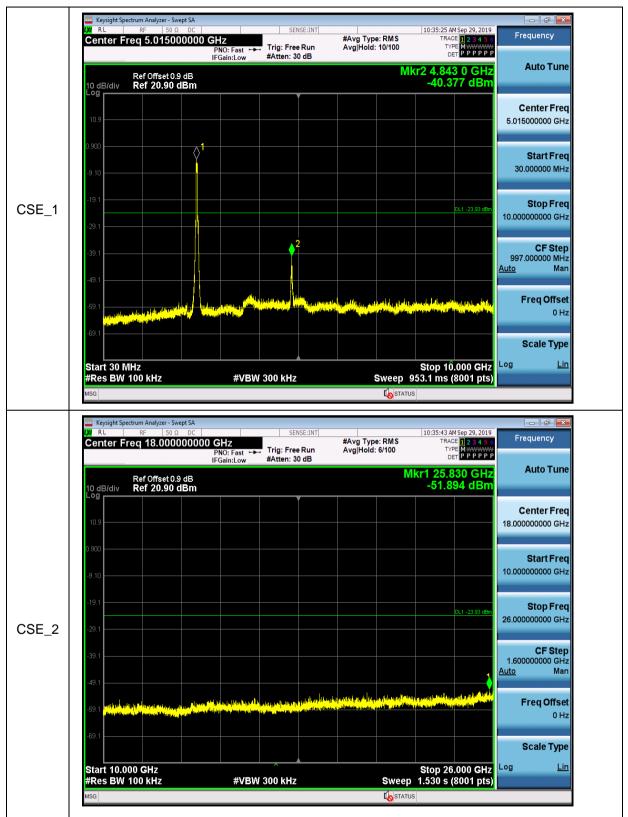
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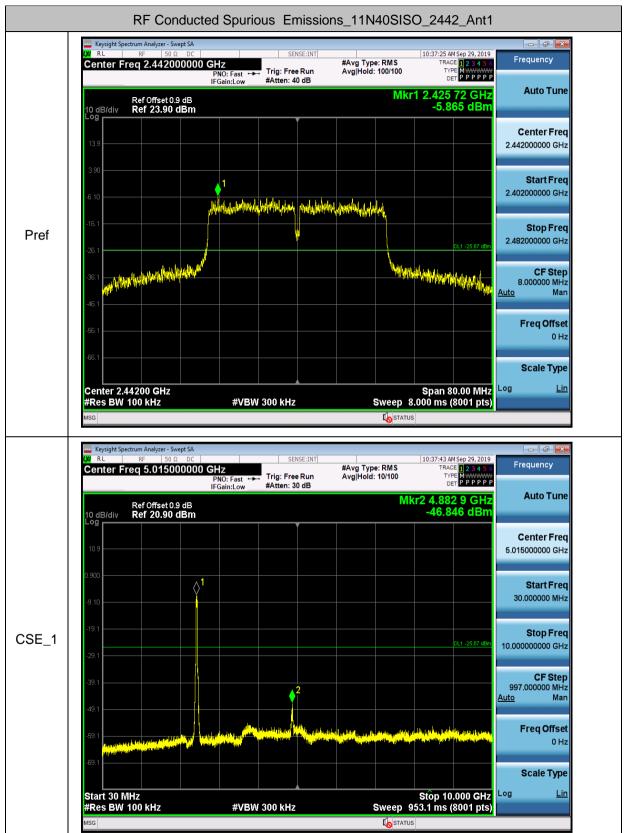
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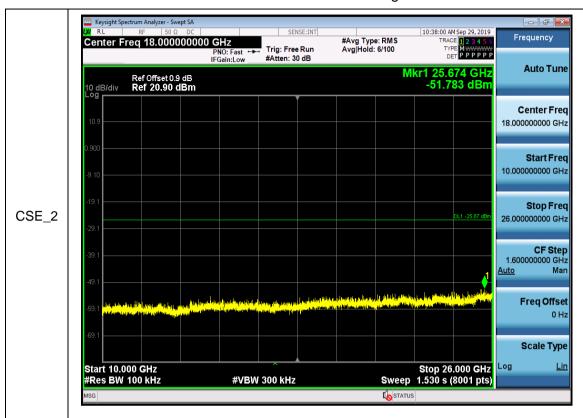
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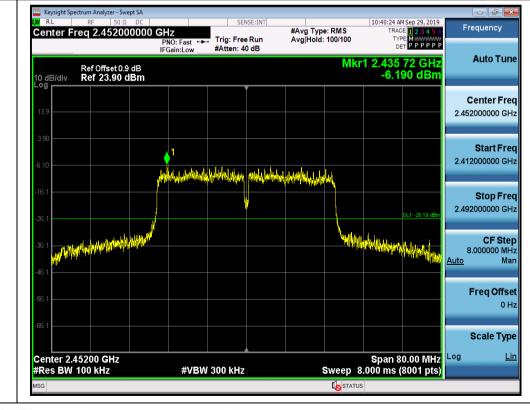


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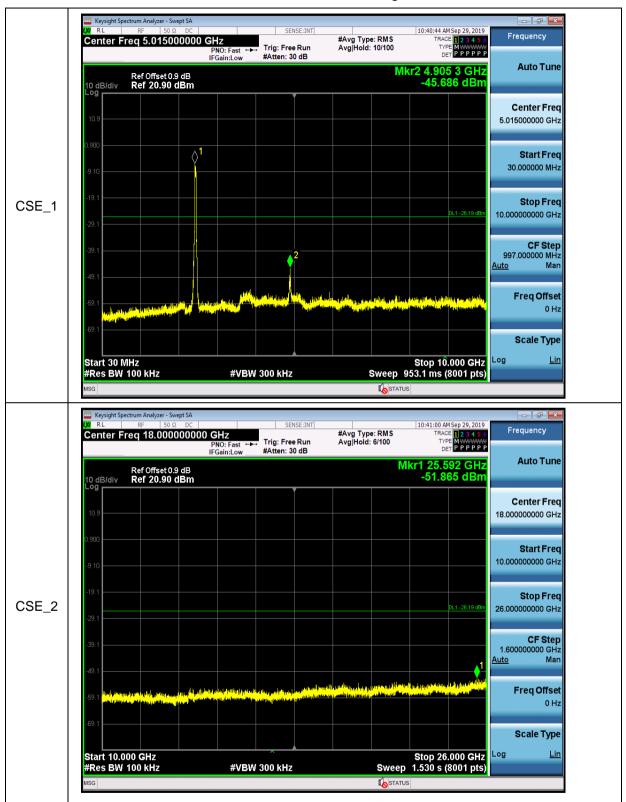
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