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9 Appendix

9.1 Appendix 15.247

1.6dB Bandwidth

Test Mode	Test Channel	Ant	OBW[MHz]	EBW[MHz]	Limit	Verdict
11B	2412	Ant1	14.812	10.07	0.5	PASS
11B	2442	Ant1	14.816	10.06	0.5	PASS
11B	2462	Ant1	14.822	10.07	0.5	PASS
11G	2412	Ant1	16.441	16.52	0.5	PASS
11G	2442	Ant1	16.440	16.52	0.5	PASS
11G	2462	Ant1	16.444	16.52	0.5	PASS
11N20SISO	2412	Ant1	17.640	17.72	0.5	PASS
11N20SISO	2442	Ant1	17.643	17.67	0.5	PASS
11N20SISO	2462	Ant1	17.644	17.70	0.5	PASS
11N40SISO	2422	Ant1	35.802	36.35	0.5	PASS
11N40SISO	2442	Ant1	35.804	36.35	0.5	PASS
11N40SISO	2452	Ant1	35.792	36.34	0.5	PASS



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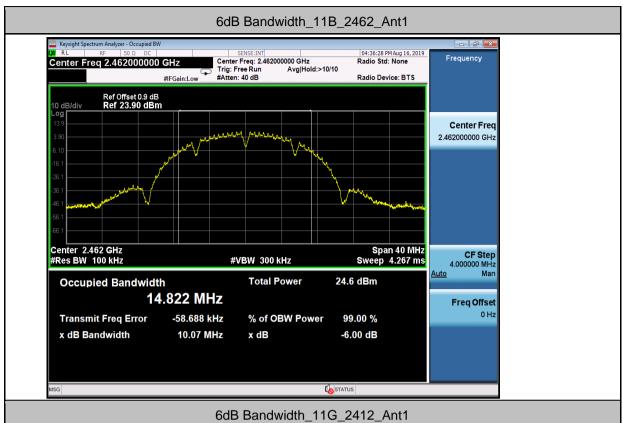
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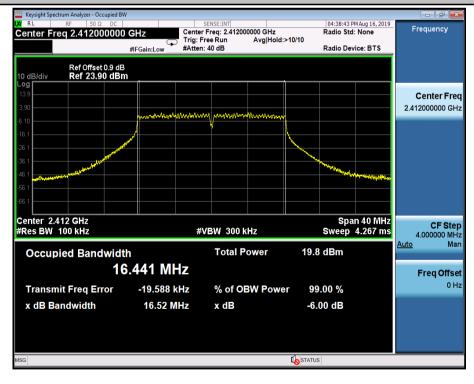
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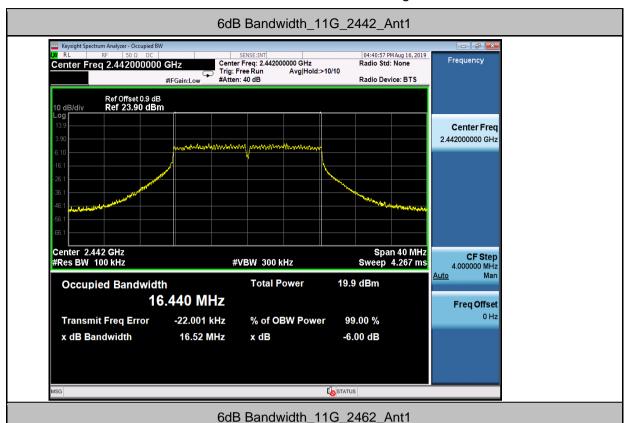
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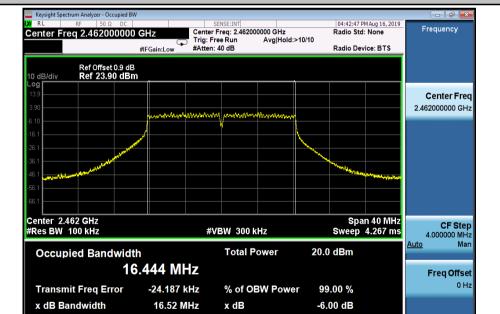
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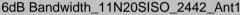
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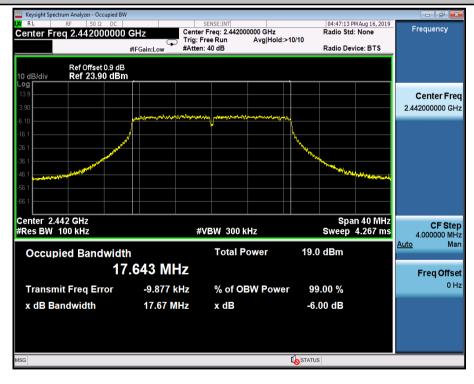


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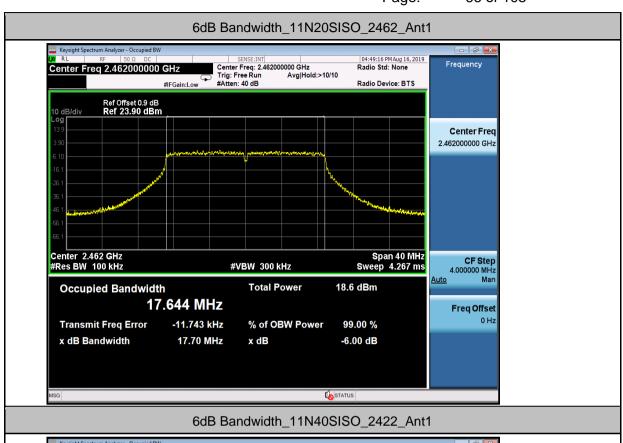
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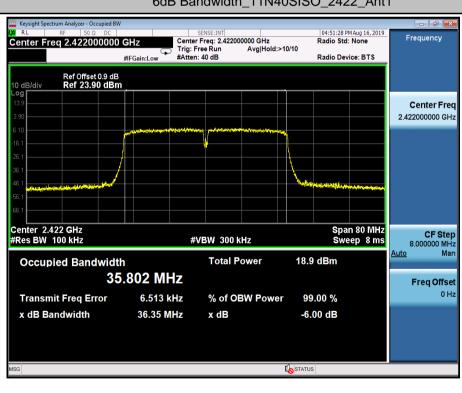
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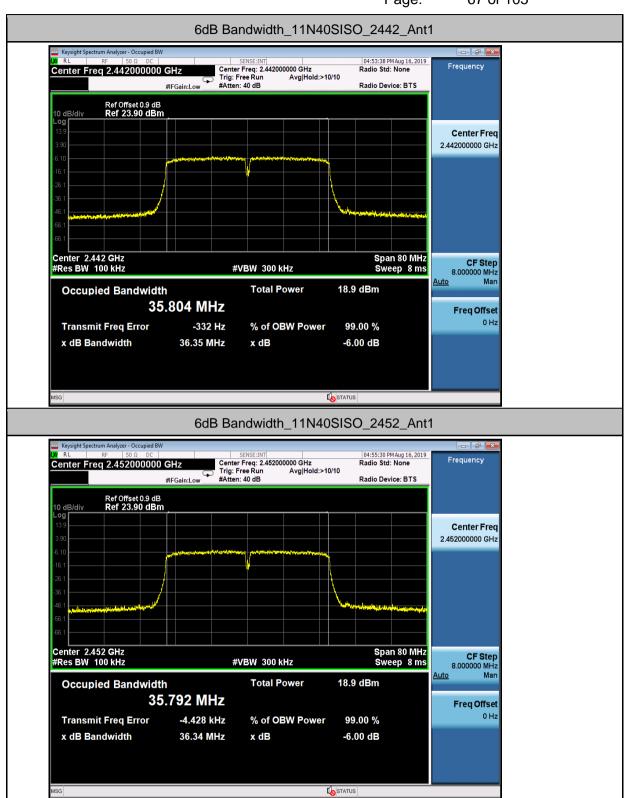
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2.Maximum peak conducted output power

Test Mode	Test Channel	Ant	Power[dBm]	Limit[dBm]	Verdict
11B	2412	Ant1	19.82	30	PASS
11B	2442	Ant1	20.34	30	PASS
11B	2462	Ant1	20.34	30	PASS
11G	2412	Ant1	21.1	30	PASS
11G	2442	Ant1	21.27	30	PASS
11G	2462	Ant1	21.37	30	PASS
11N20SISO	2412	Ant1	20.72	30	PASS
11N20SISO	2442	Ant1	20.72	30	PASS
11N20SISO	2462	Ant1	20.33	30	PASS
11N40SISO	2422	Ant1	20.37	30	PASS
11N40SISO	2442	Ant1	20.56	30	PASS
11N40SISO	2452	Ant1	20.57	30	PASS



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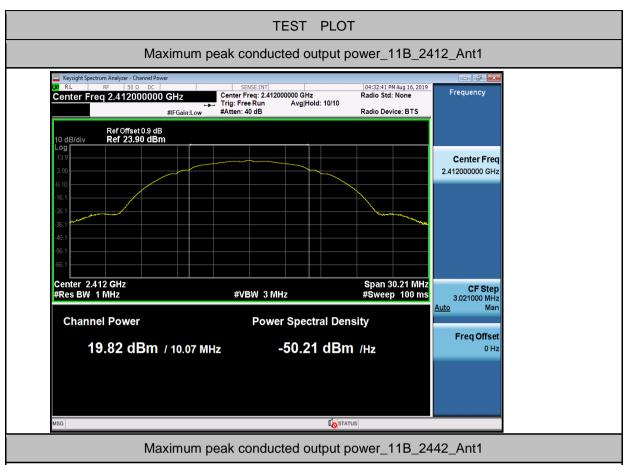
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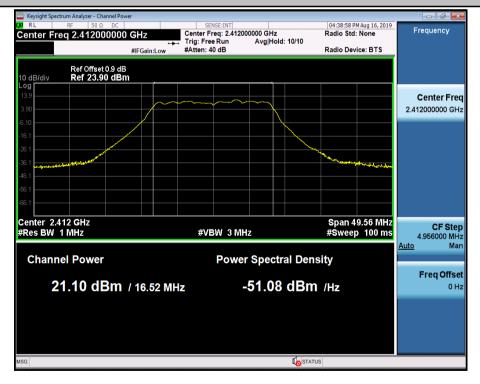


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Maximum peak conducted output power_11G_2412_Ant1





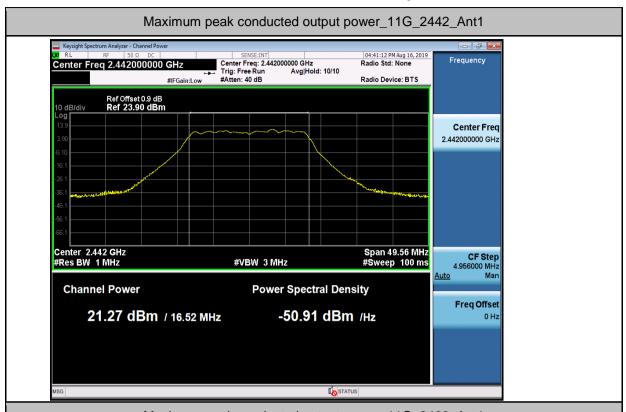
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Maximum peak conducted output power_11G_2462_Ant1





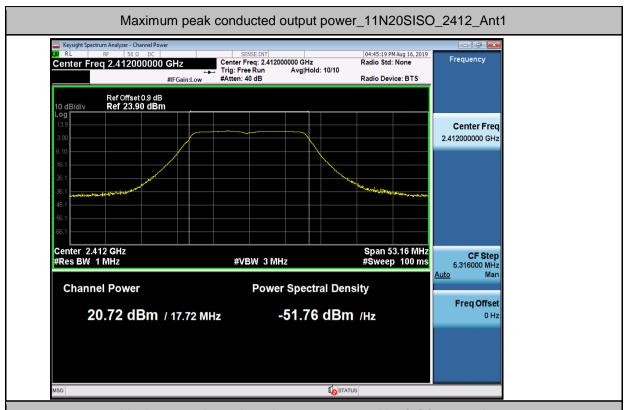
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Maximum peak conducted output power_11N20SISO_2442_Ant1





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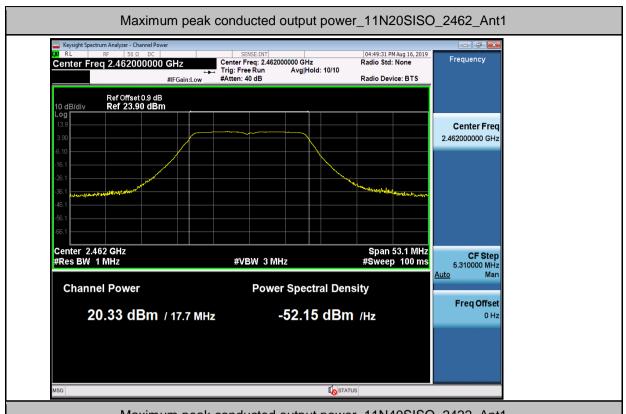
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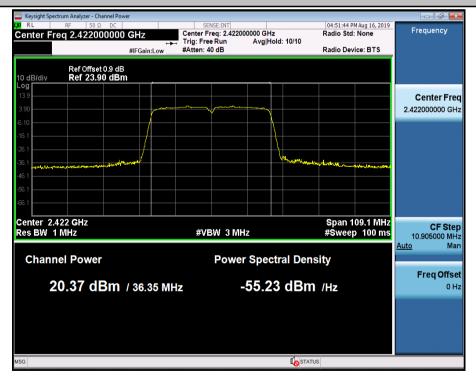


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Maximum peak conducted output power_11N40SISO_2422_Ant1





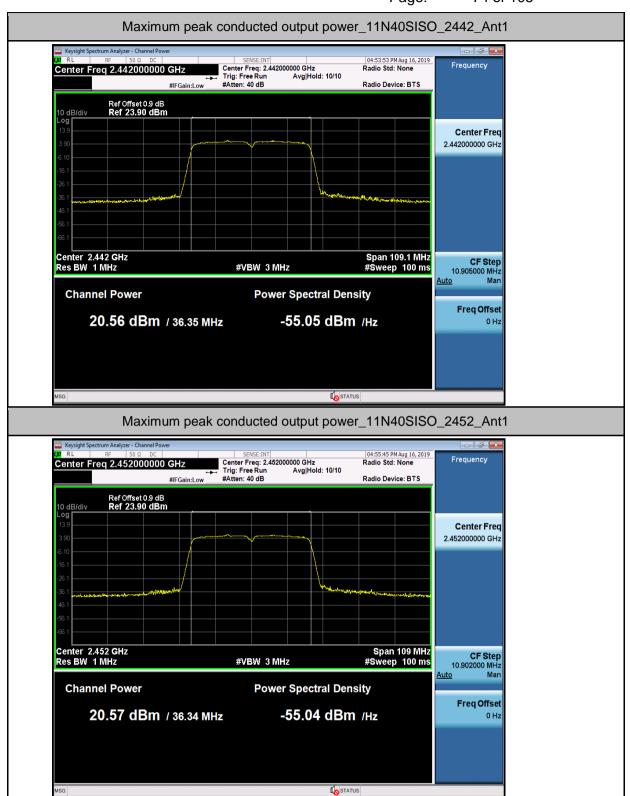
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3.Maximum Peak power spectral density

Test Mode	Test Channel	Ant	Result	Limit[dBm/3kHz]	Verdict
11B	2412	Ant1	-12.578	8.00	PASS
11B	2442	Ant1	-12.117	8.00	PASS
11B	2462	Ant1	-12.131	8.00	PASS
11G	2412	Ant1	-13.754	8.00	PASS
11G	2442	Ant1	-13.644	8.00	PASS
11G	2462	Ant1	-13.553	8.00	PASS
11N20SISO	2412	Ant1	-15.518	8.00	PASS
11N20SISO	2442	Ant1	-15.431	8.00	PASS
11N20SISO	2462	Ant1	-15.396	8.00	PASS
11N40SISO	2422	Ant1	-15.889	8.00	PASS
11N40SISO	2442	Ant1	-15.484	8.00	PASS
11N40SISO	2452	Ant1	-15.498	8.00	PASS



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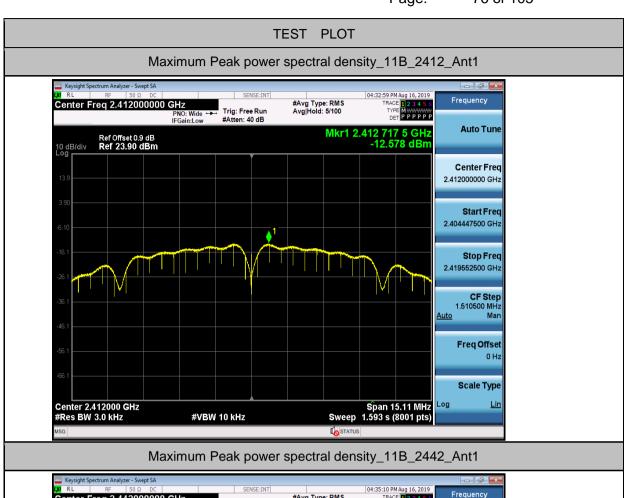
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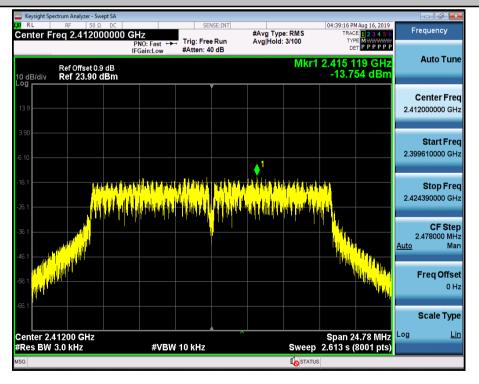


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Maximum Peak power spectral density_11G_2412_Ant1





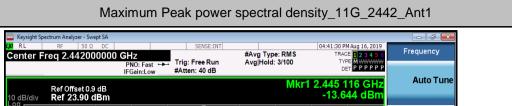
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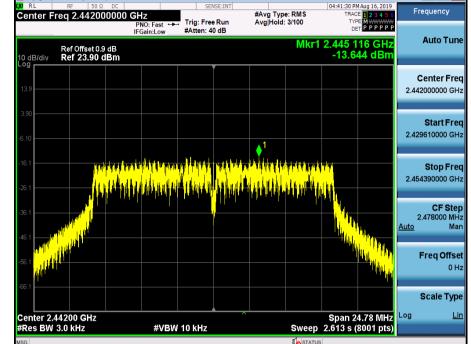
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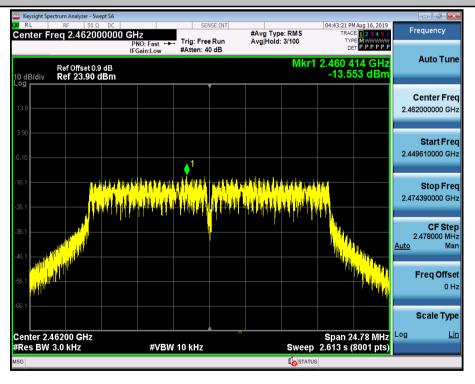
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Maximum Peak power spectral density_11G_2462_Ant1





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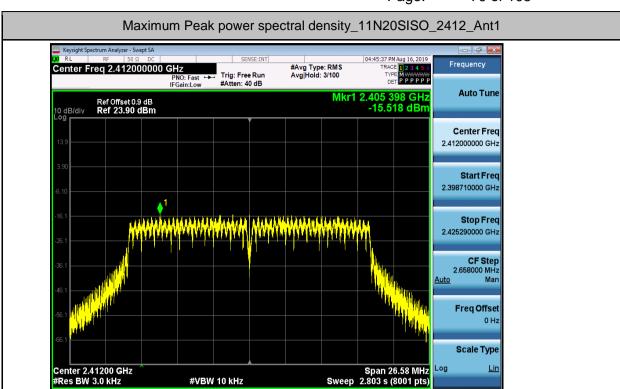
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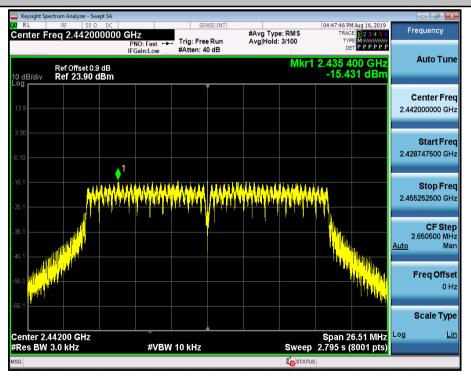


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Maximum Peak power spectral density_11N20SISO_2442_Ant1





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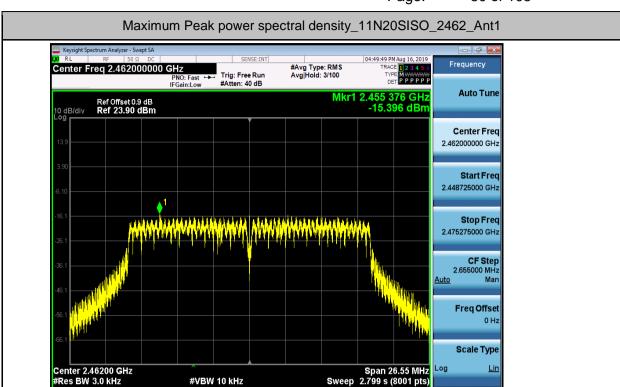
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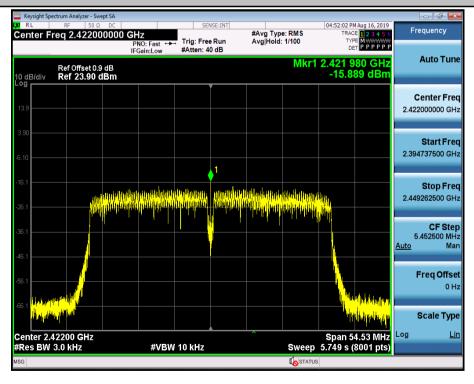
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Log



Maximum Peak power spectral density_11N40SISO_2422_Ant1

#VBW 10 kHz





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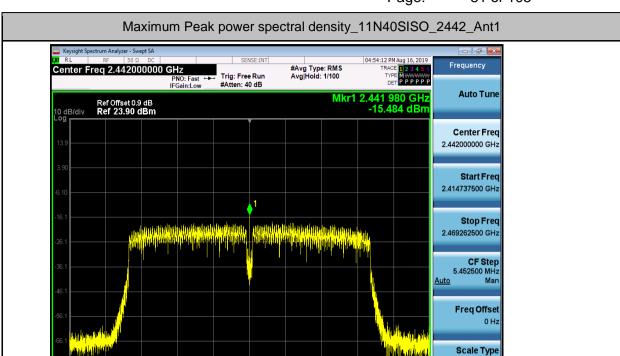


Center 2.44200 GHz

SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

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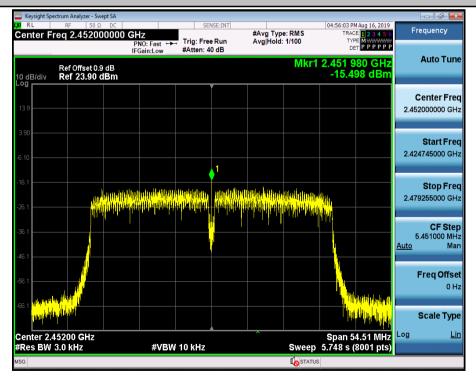


Maximum Peak power spectral density_11N40SISO_2452_Ant1

#VBW 10 kHz

Span 54.53 MHz Sweep 5.749 s (8001 pts)

Log





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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	7.434	-46.768	-12.57	PASS
11B	2462	Ant1	7.834	-46.346	-12.17	PASS
11G	2412	Ant1	0.282	-47.855	-19.72	PASS
11G	2462	Ant1	0.473	-47.593	-19.53	PASS
11N20SISO	2412	Ant1	-1.189	-47.718	-21.19	PASS
11N20SISO	2462	Ant1	-1.760	-47.216	-21.76	PASS
11N40SISO	2422	Ant1	-4.495	-47.484	-24.5	PASS
11N40SISO	2452	Ant1	-4.443	-46.798	-24.44	PASS



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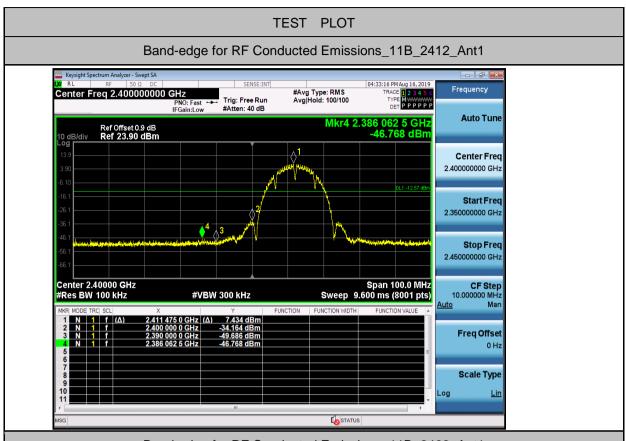
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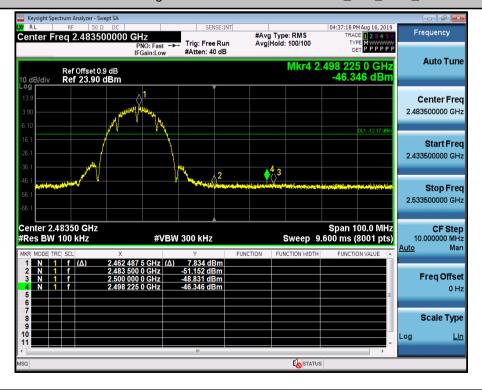


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Band-edge for RF Conducted Emissions_11B_2462_Ant1





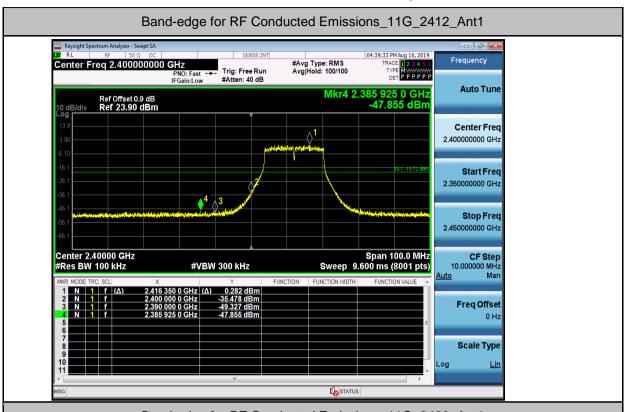
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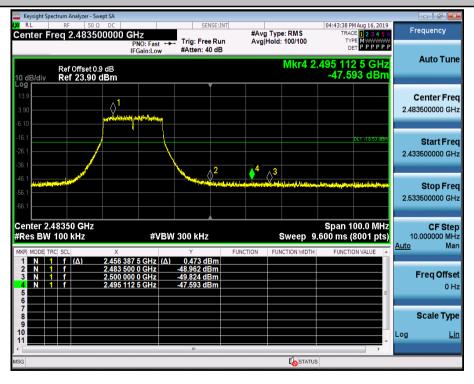


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Band-edge for RF Conducted Emissions_11G_2462_Ant1





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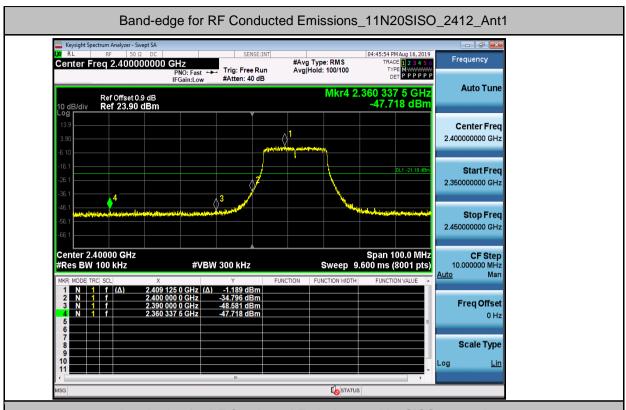
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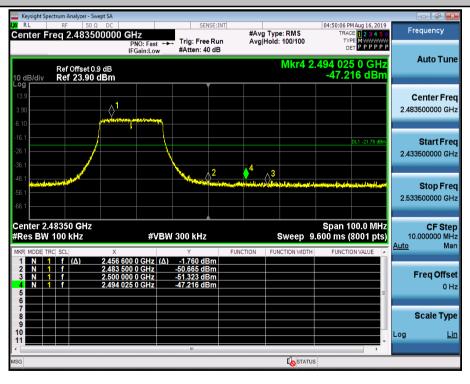


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Band-edge for RF Conducted Emissions_11N20SISO_2462_Ant1





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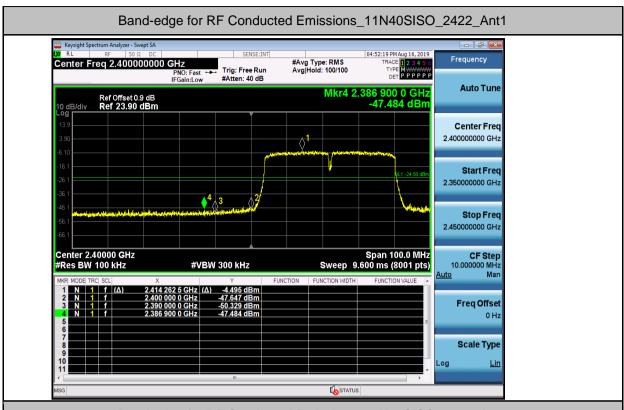
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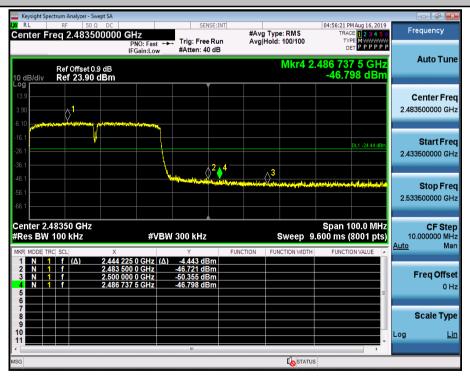


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Band-edge for RF Conducted Emissions_11N40SISO_2452_Ant1





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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	7.237	-37.698	<-12.763	PASS
11B	2412	Ant1	10000	26000	100	300	7.237	-51.476	<-12.763	PASS
11B	2442	Ant1	30	10000	100	300	7.763	-37.973	<-12.237	PASS
11B	2442	Ant1	10000	26000	100	300	7.763	-51.850	<-12.237	PASS
11B	2462	Ant1	30	10000	100	300	7.882	-38.443	<-12.118	PASS
11B	2462	Ant1	10000	26000	100	300	7.882	-51.764	<-12.118	PASS
11G	2412	Ant1	30	10000	100	300	0.225	-46.829	<-19.775	PASS
11G	2412	Ant1	10000	26000	100	300	0.225	-51.756	<-19.775	PASS
11G	2442	Ant1	30	10000	100	300	0.324	-46.210	<-19.676	PASS
11G	2442	Ant1	10000	26000	100	300	0.324	-51.548	<-19.676	PASS
11G	2462	Ant1	30	10000	100	300	0.498	-46.640	<-19.502	PASS
11G	2462	Ant1	10000	26000	100	300	0.498	-52.211	<-19.502	PASS
11N20SISO	2412	Ant1	30	10000	100	300	-1.034	-46.821	<-21.034	PASS
11N20SISO	2412	Ant1	10000	26000	100	300	-1.034	-51.438	<-21.034	PASS
11N20SISO	2442	Ant1	30	10000	100	300	-0.953	-47.478	<-20.953	PASS
11N20SISO	2442	Ant1	10000	26000	100	300	-0.953	-51.470	<-20.953	PASS
11N20SISO	2462	Ant1	30	10000	100	300	-1.194	-47.467	<-21.194	PASS
11N20SISO	2462	Ant1	10000	26000	100	300	-1.194	-51.863	<-21.194	PASS
11N40SISO	2422	Ant1	30	10000	100	300	-4.657	-47.577	<-24.657	PASS
11N40SISO	2422	Ant1	10000	26000	100	300	-4.657	-51.311	<-24.657	PASS
11N40SISO	2442	Ant1	30	10000	100	300	-4.591	-47.260	<-24.591	PASS
11N40SISO	2442	Ant1	10000	26000	100	300	-4.591	-51.558	<-24.591	PASS
11N40SISO	2452	Ant1	30	10000	100	300	-4.437	-47.498	<-24.437	PASS
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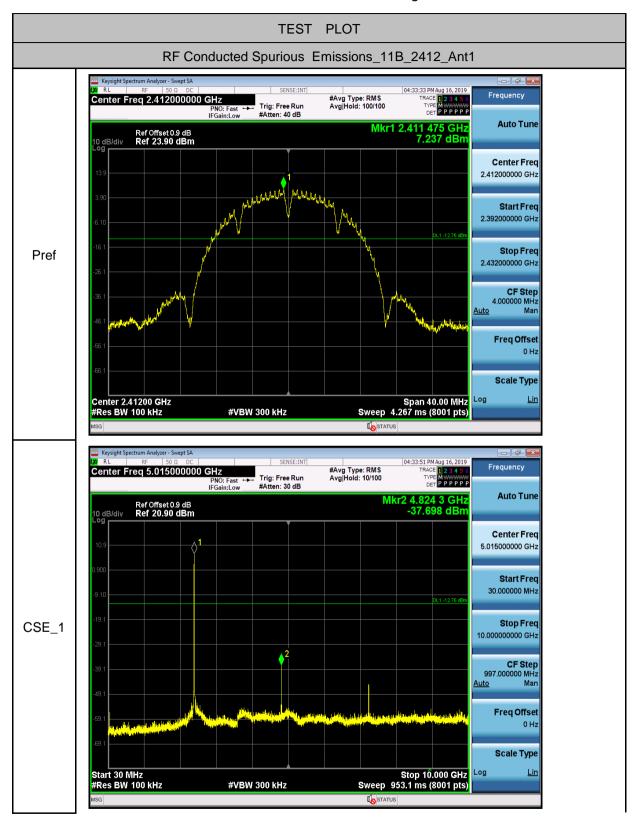
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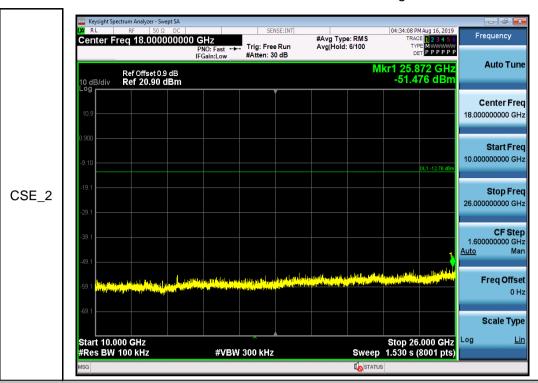
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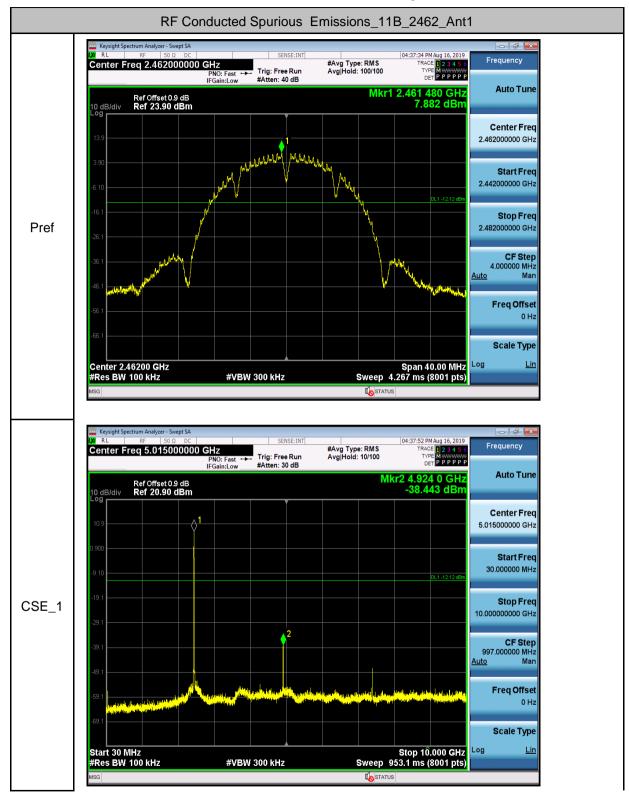
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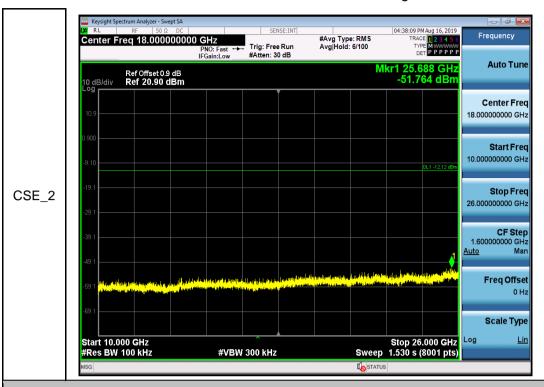
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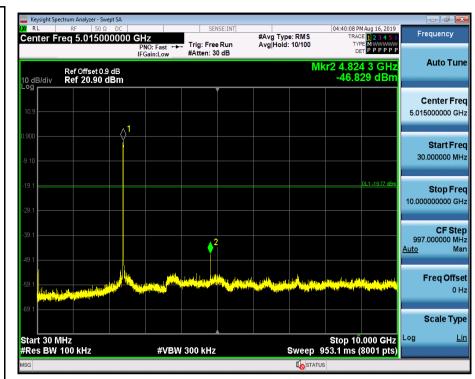


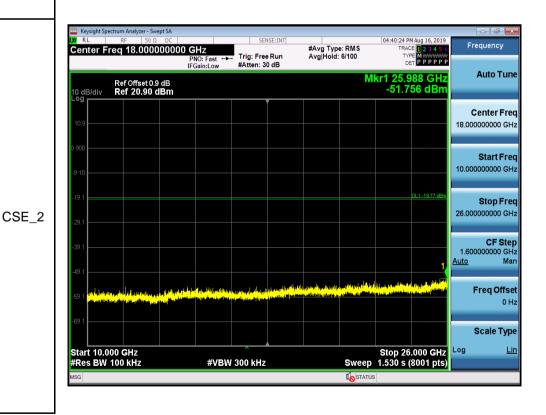
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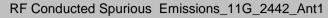


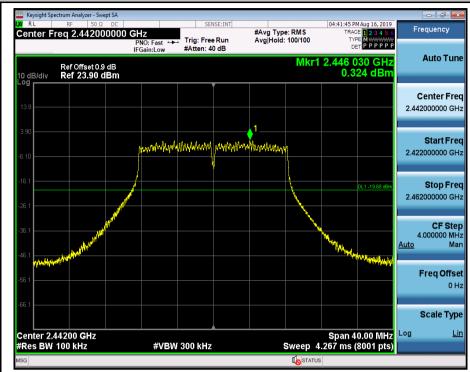
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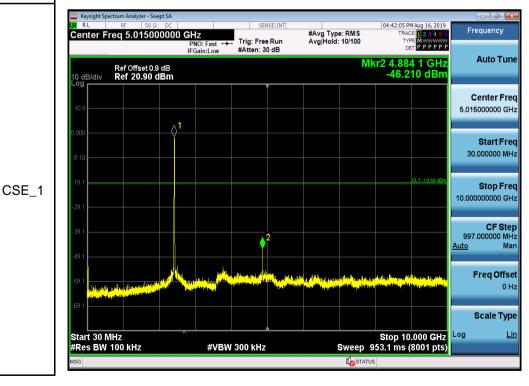
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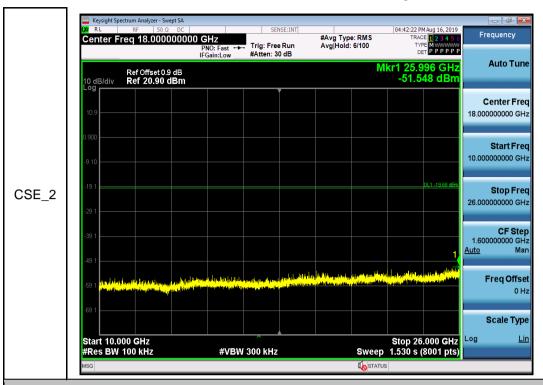
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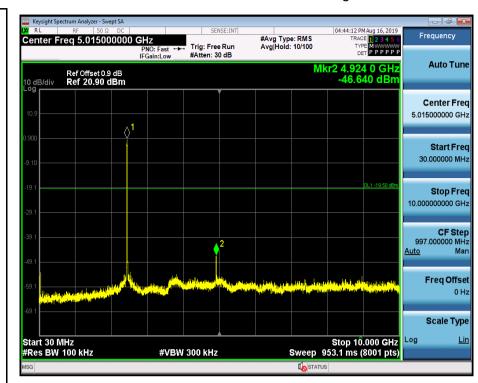


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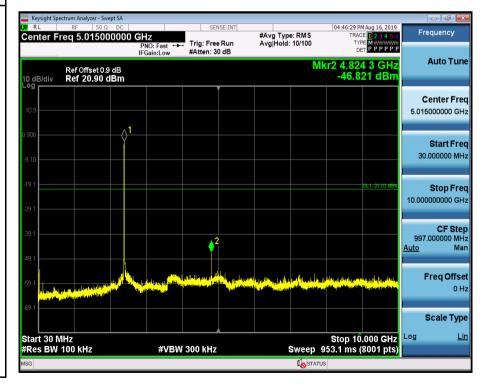
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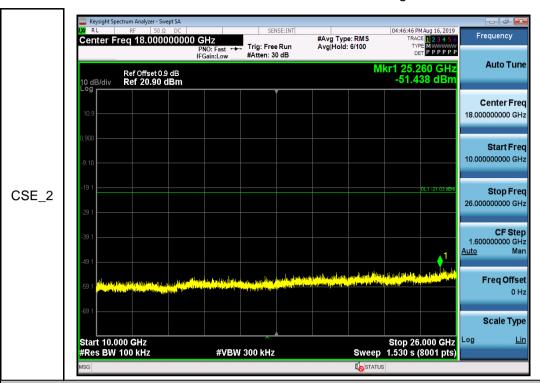
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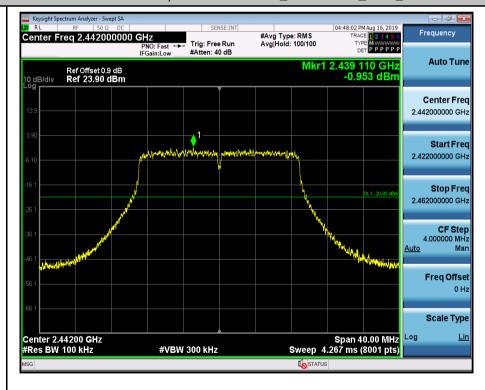


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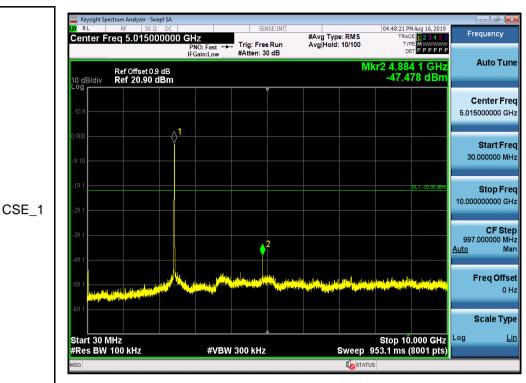
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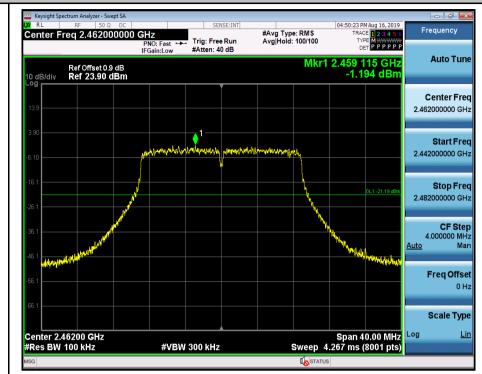
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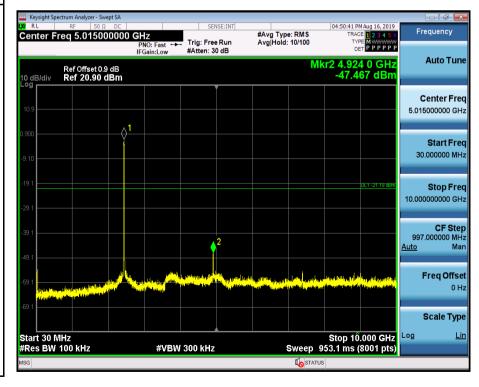
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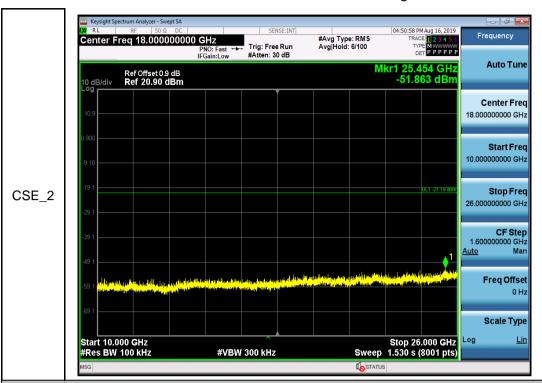
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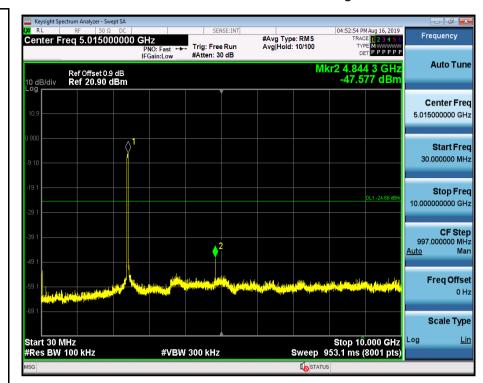


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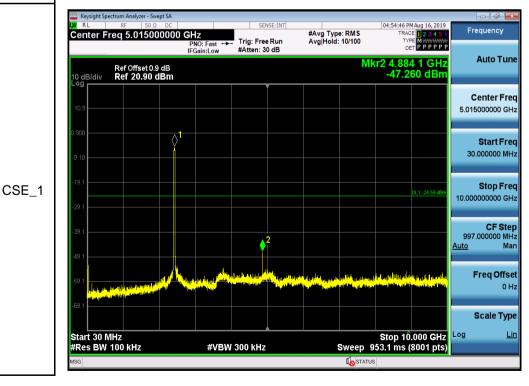
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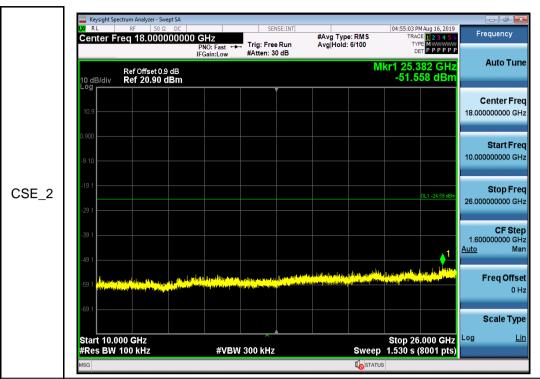
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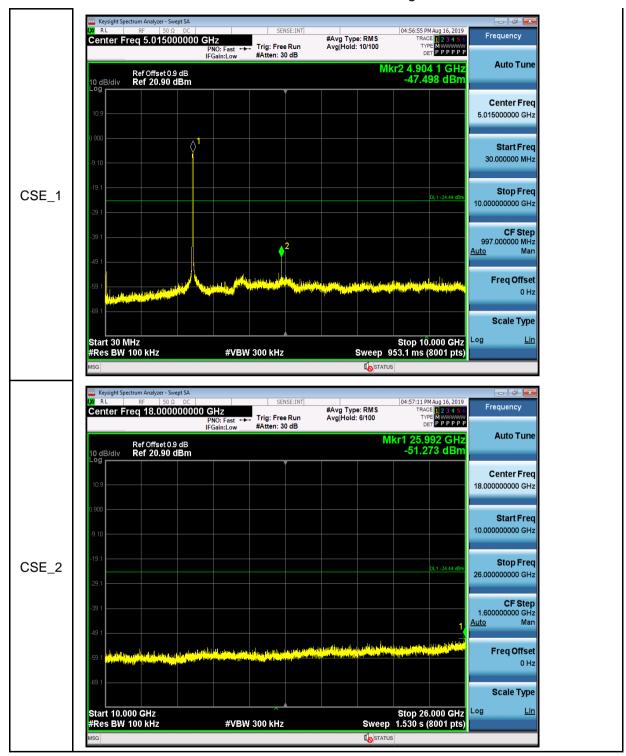
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