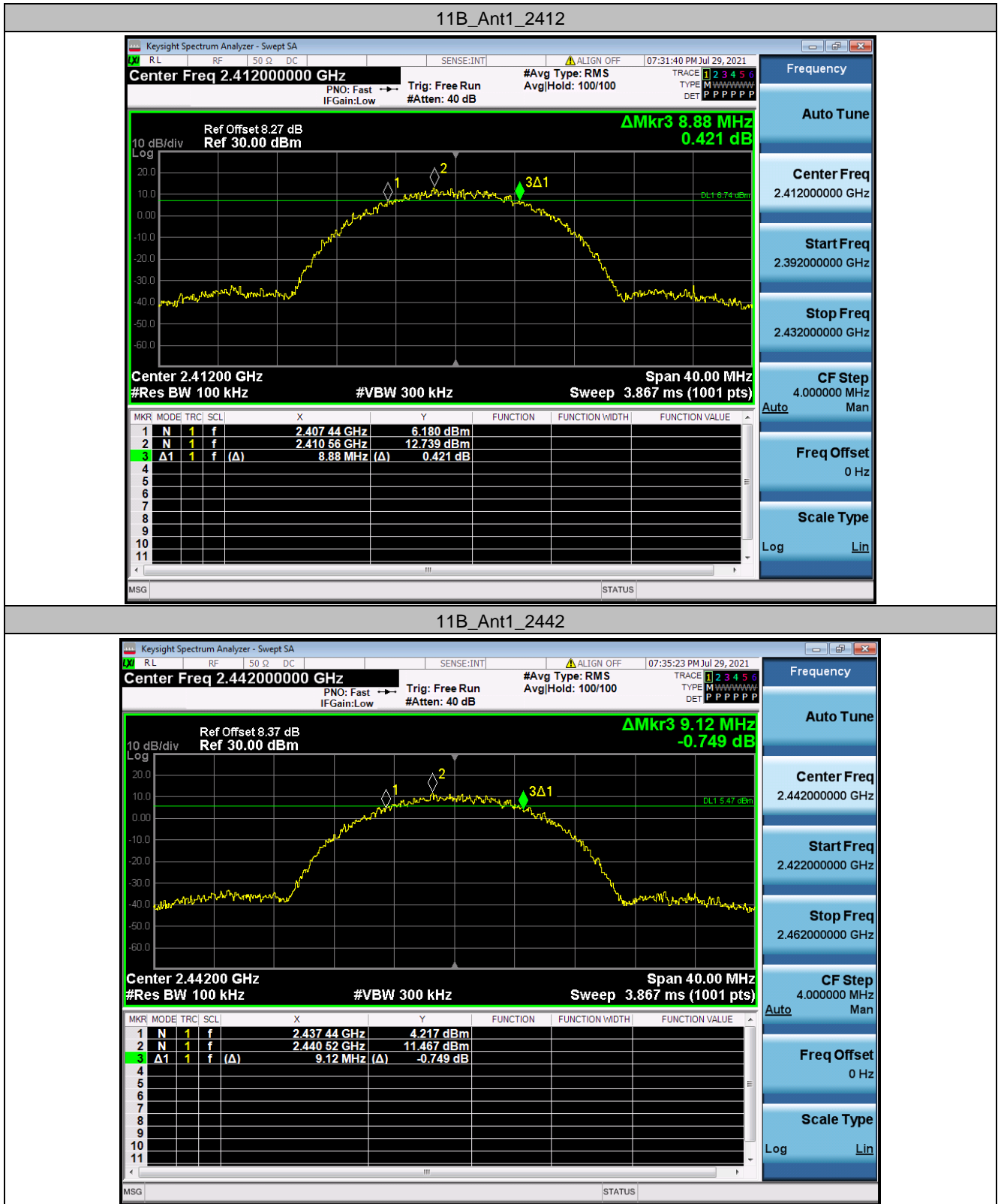


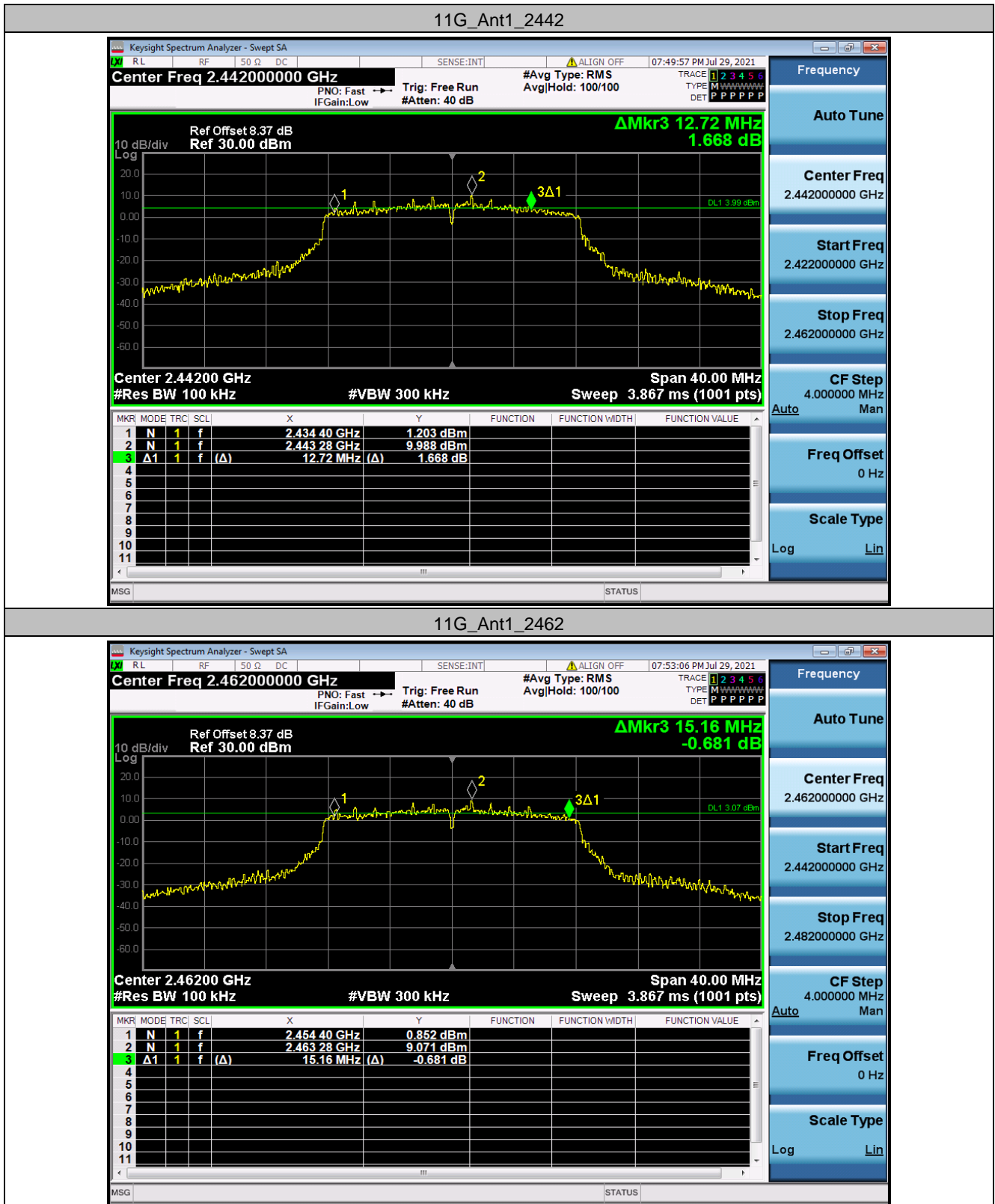
### 8.1.2 Test Graphs



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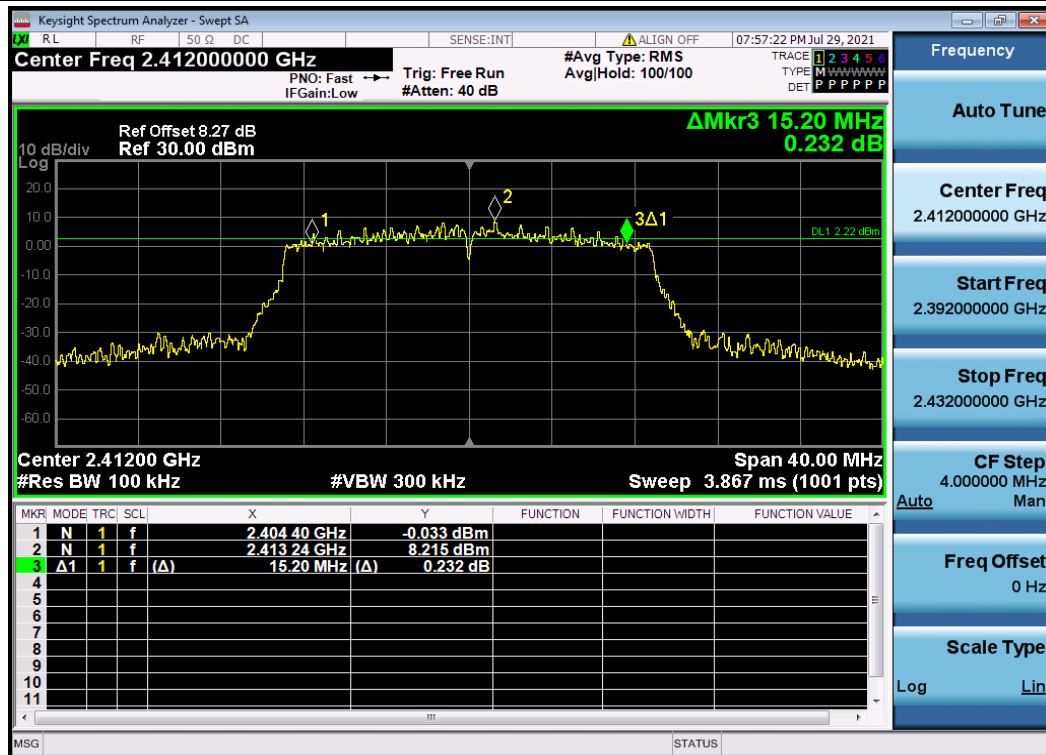
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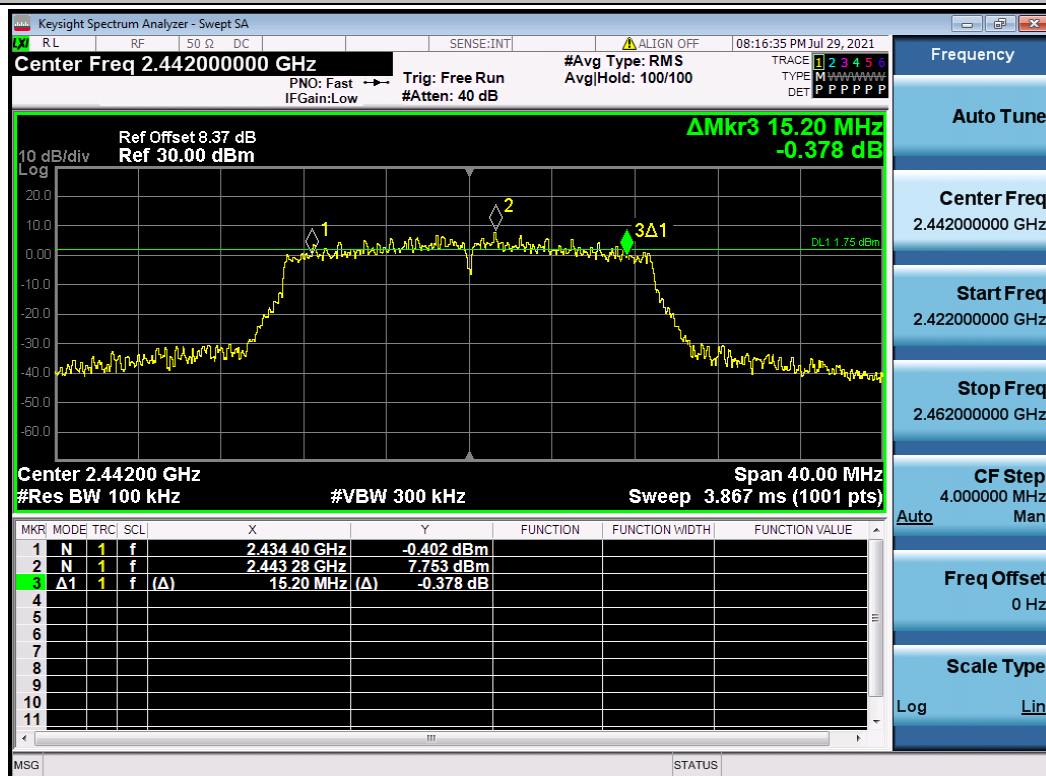




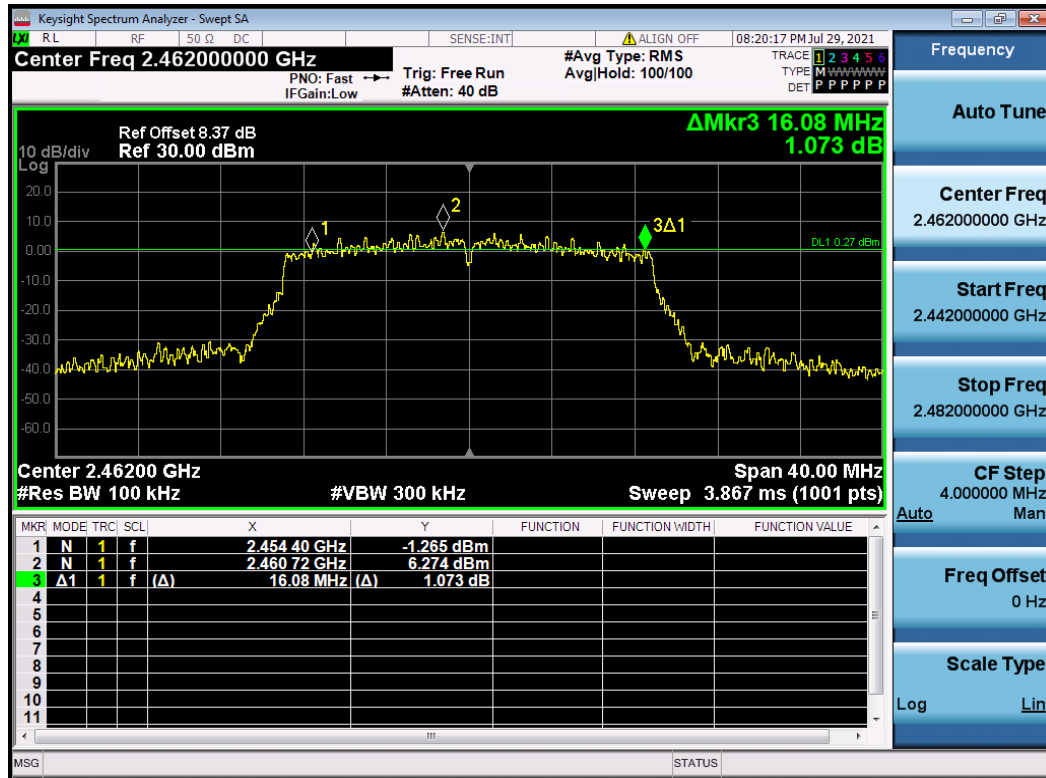
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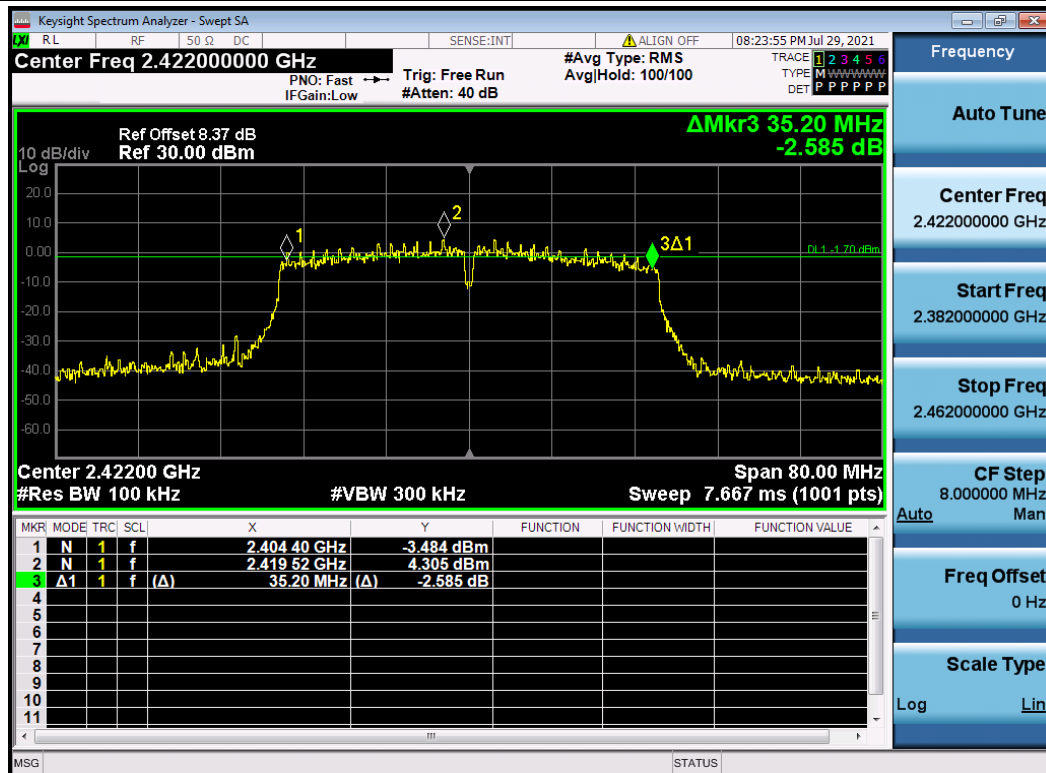
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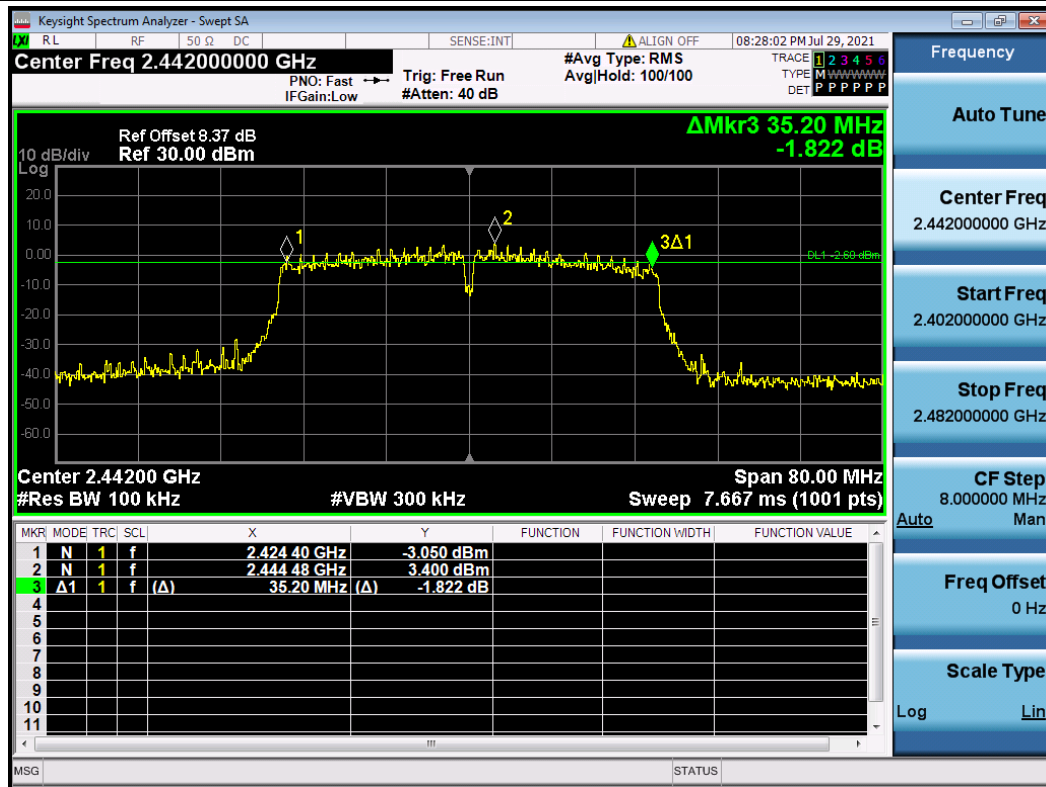
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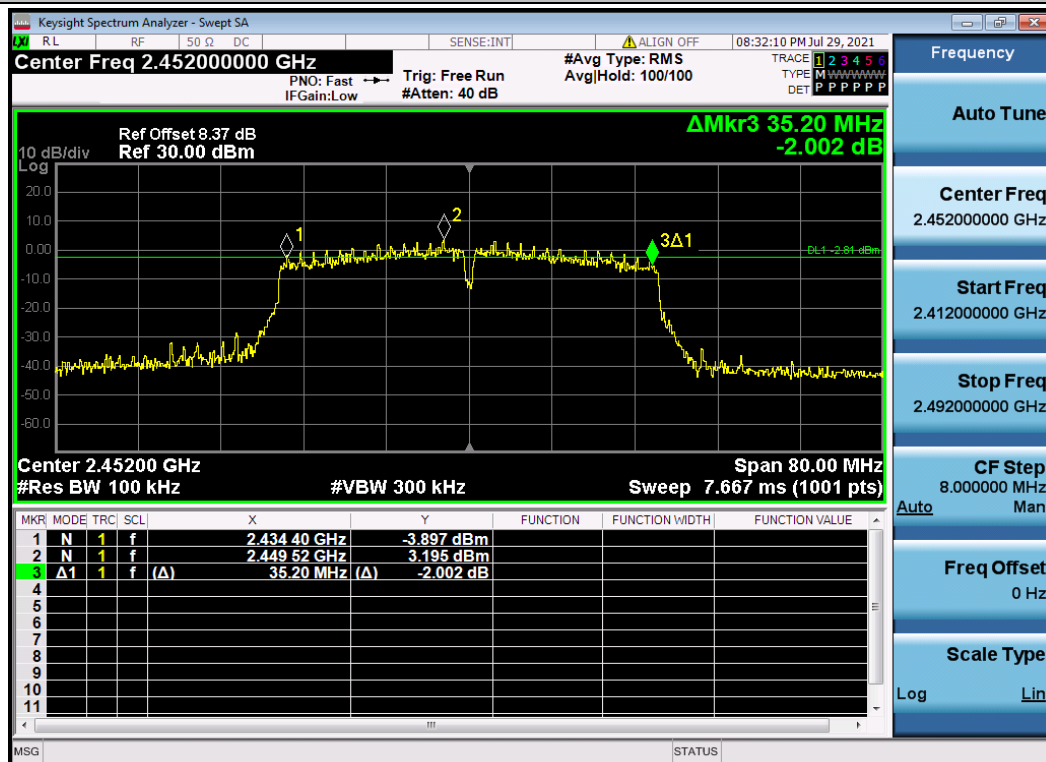
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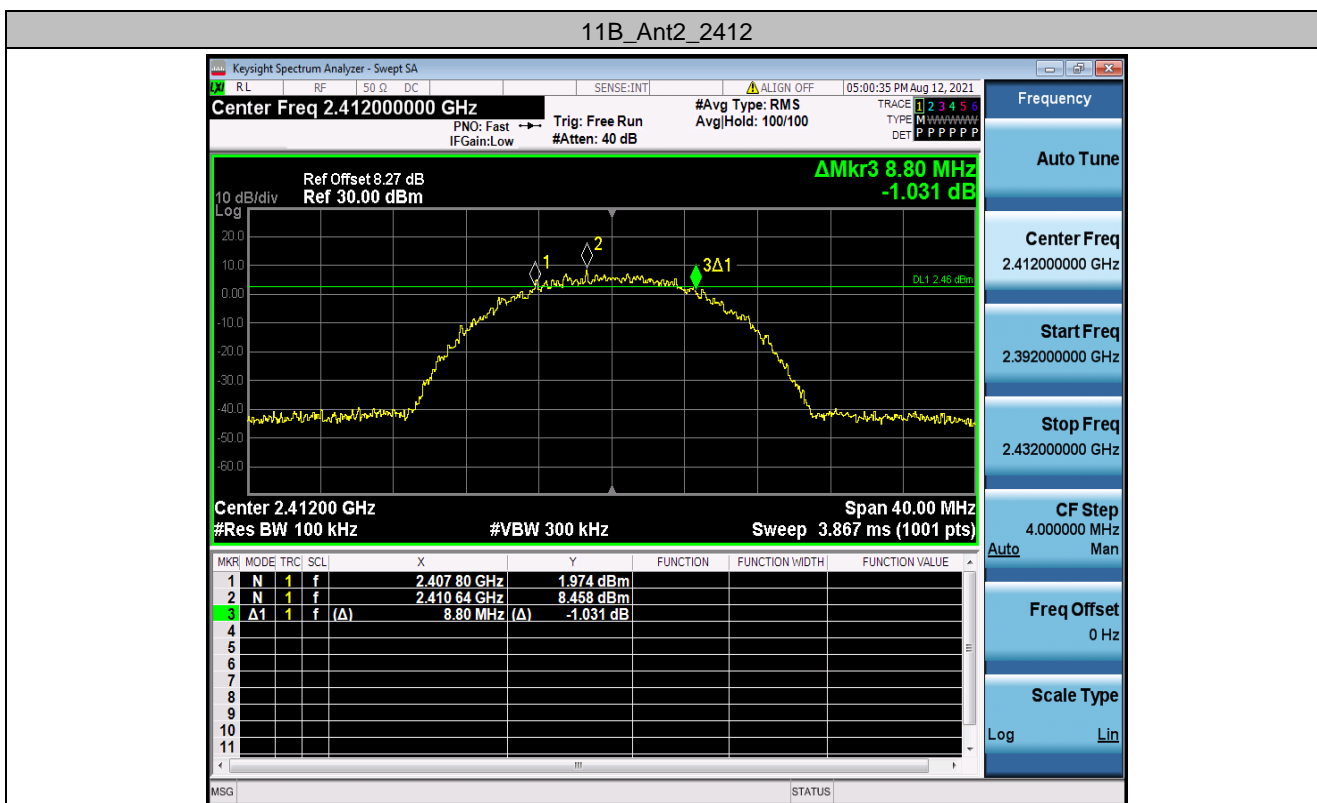
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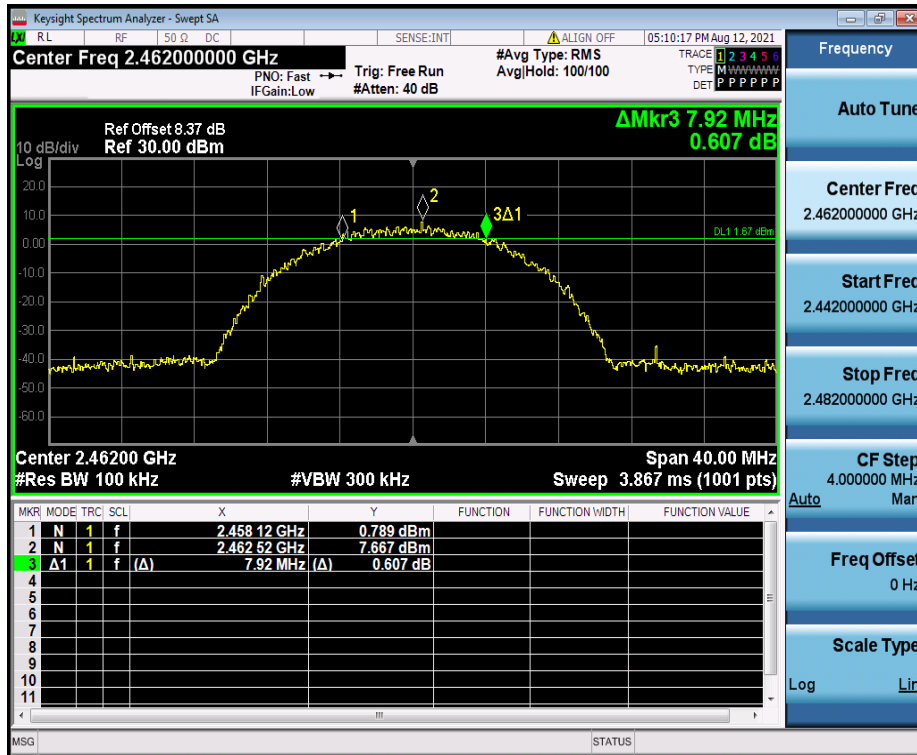




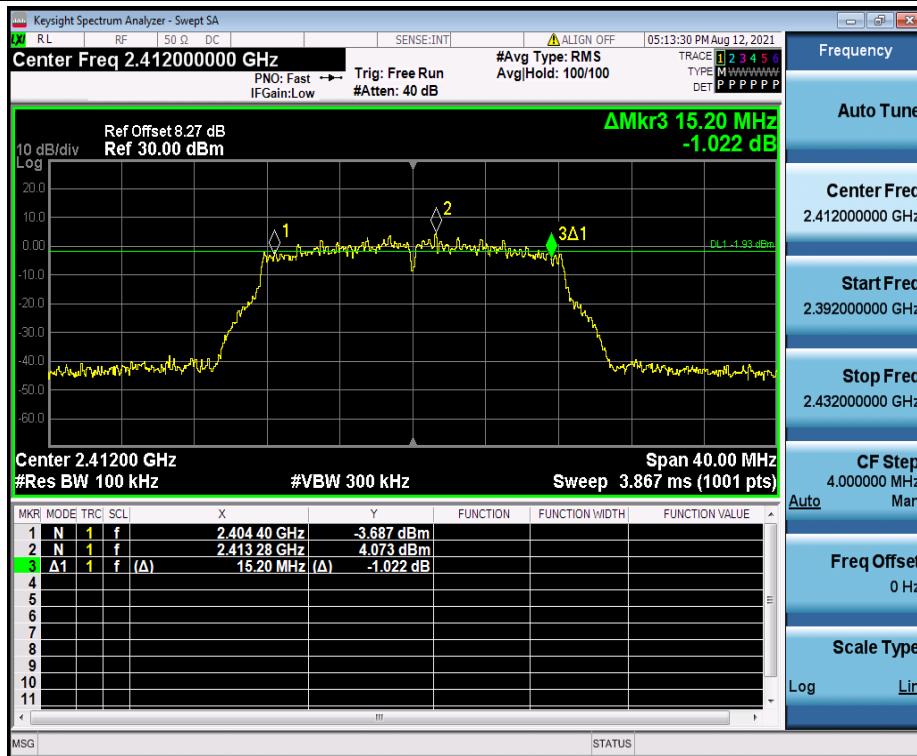


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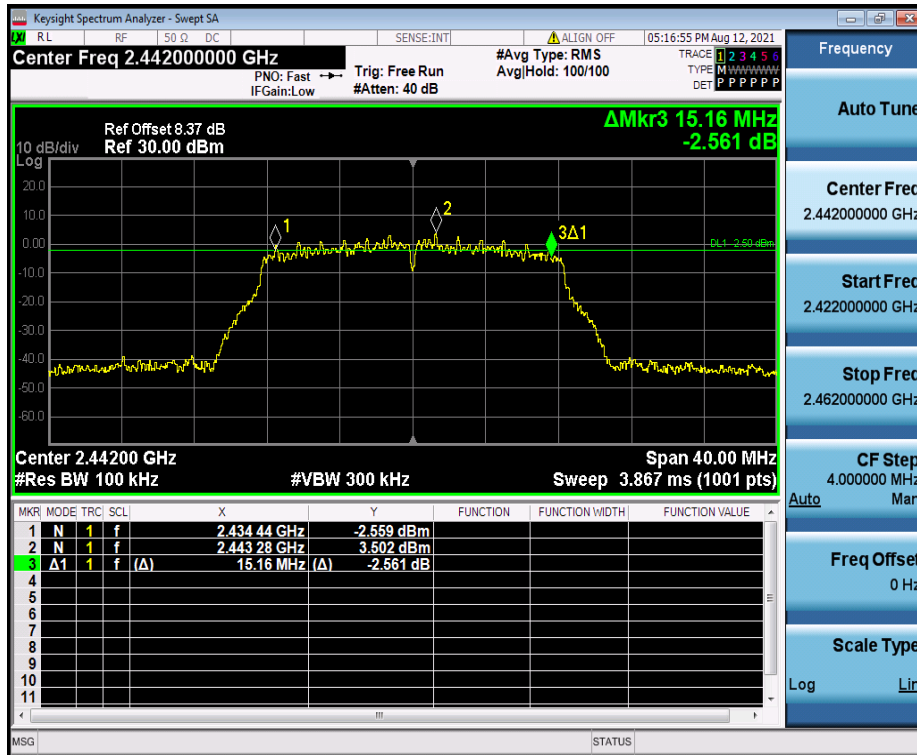
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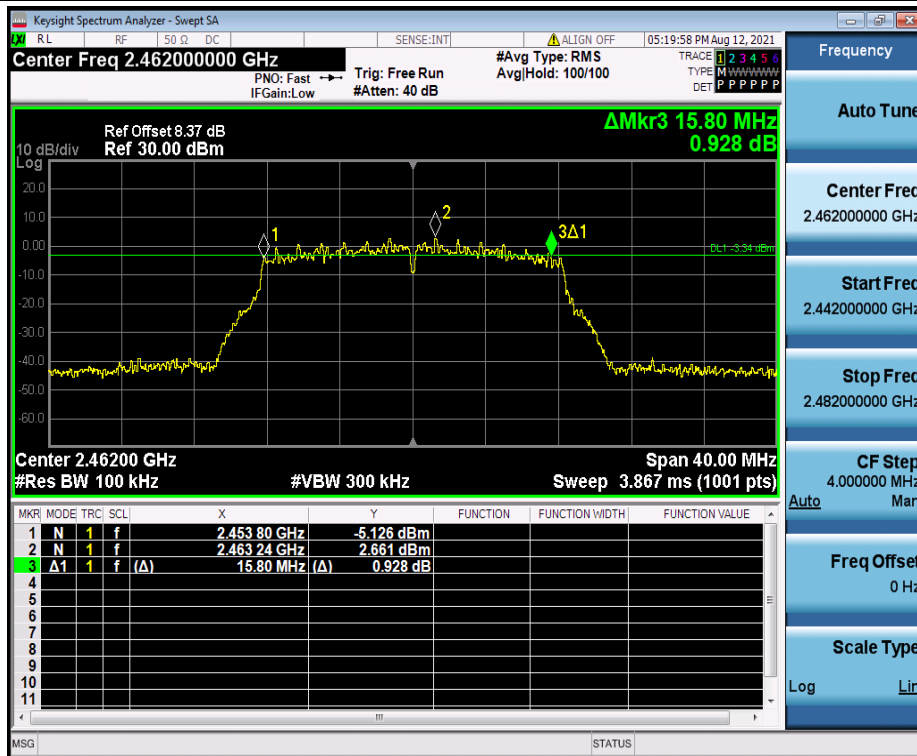
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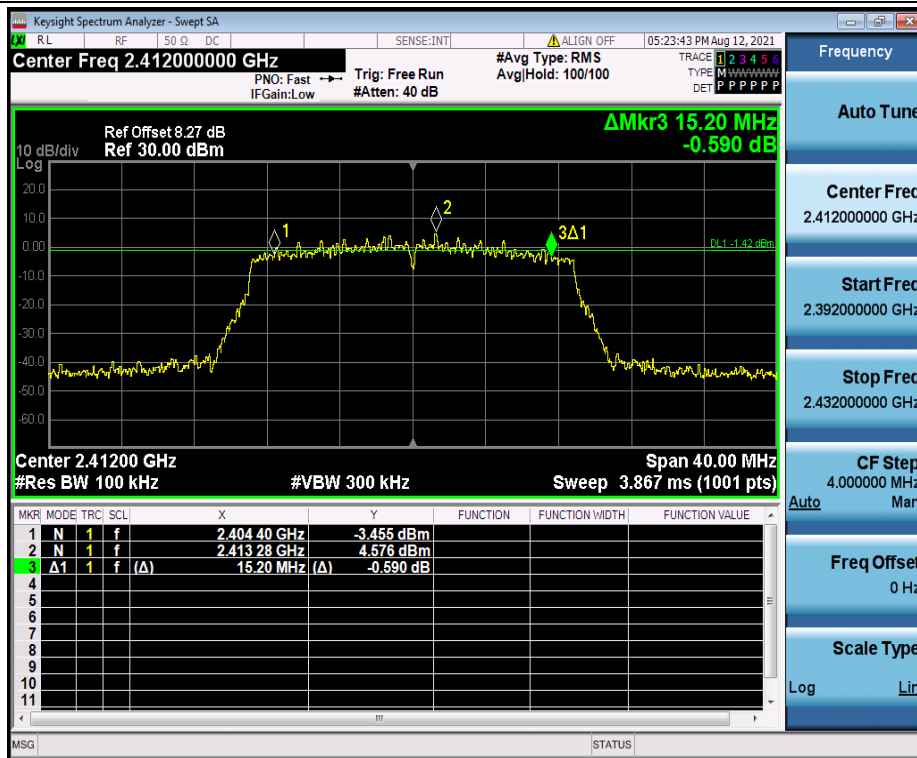




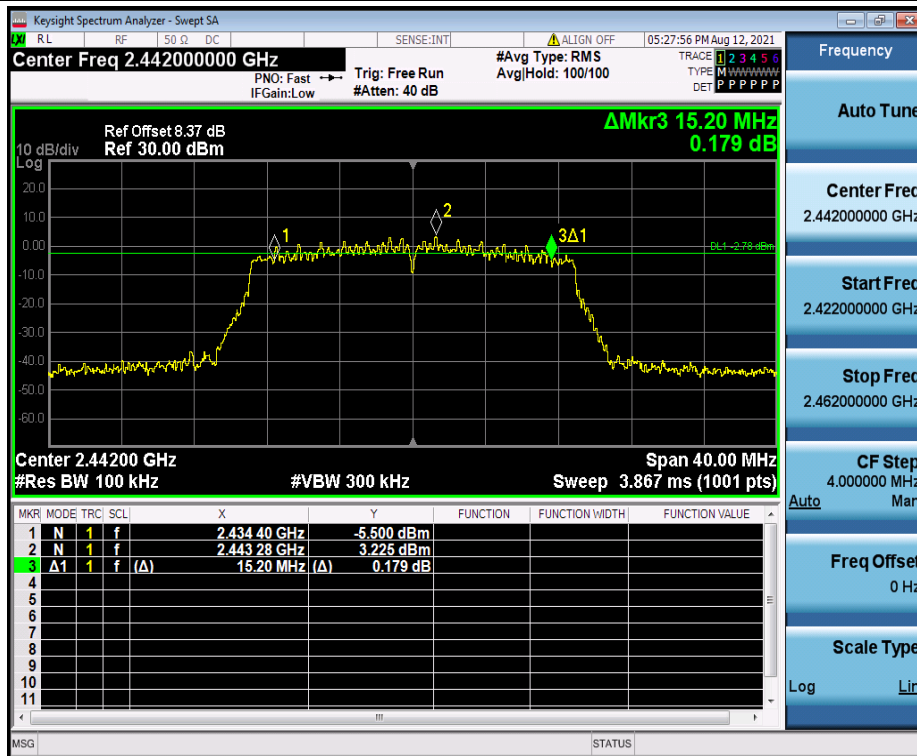
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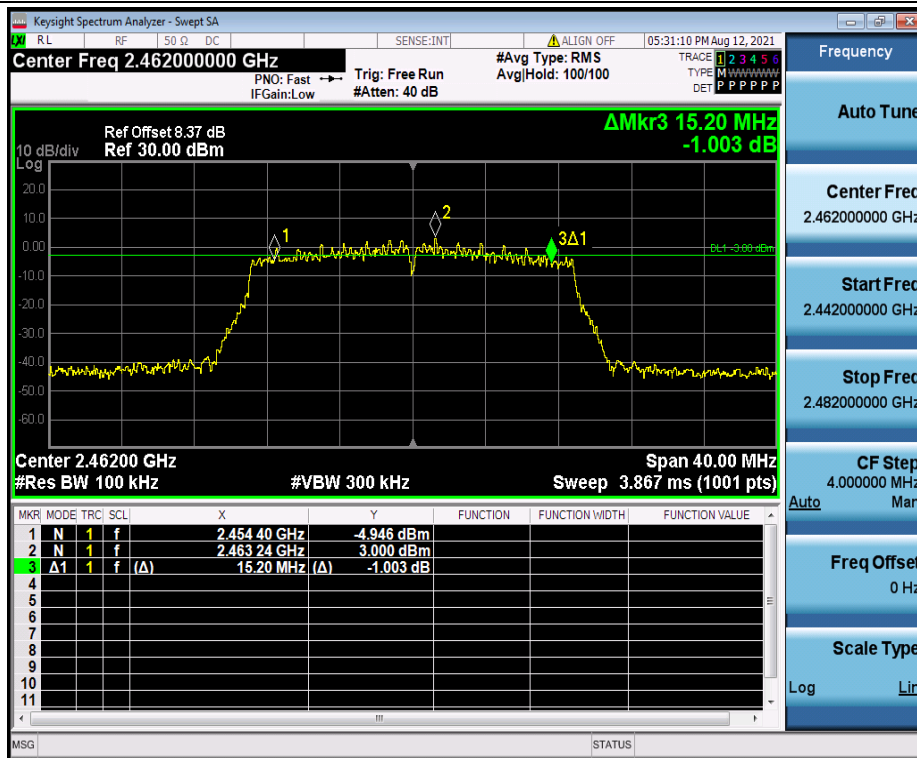
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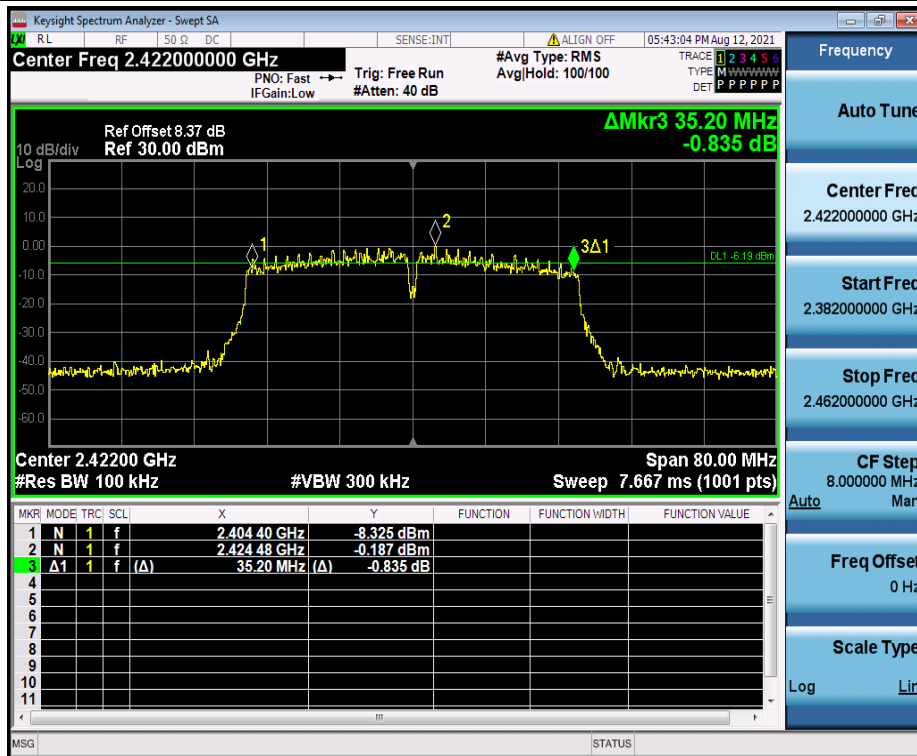
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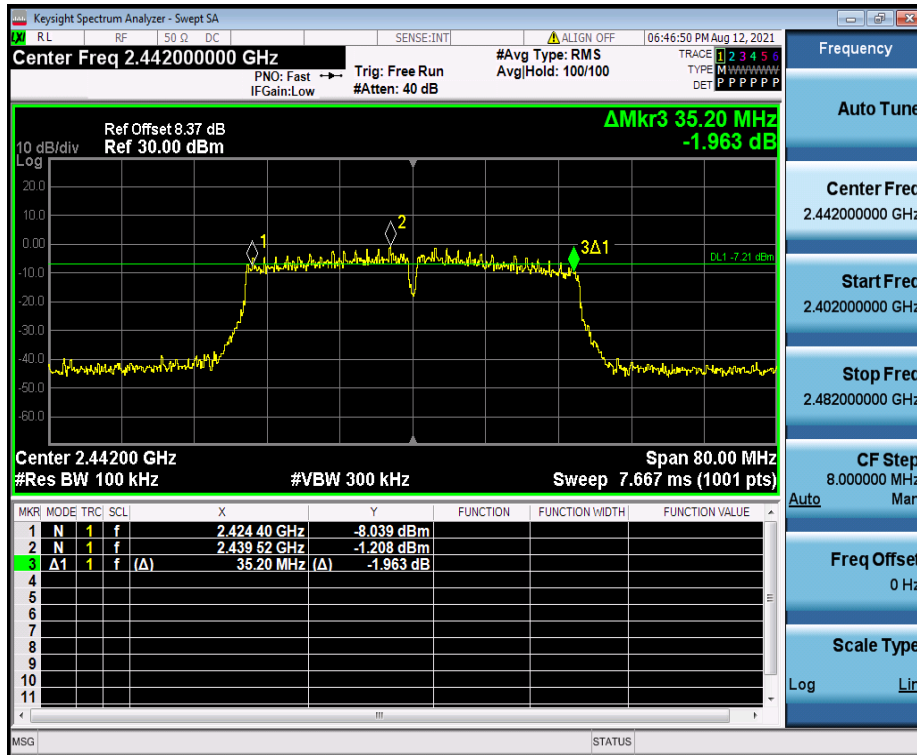


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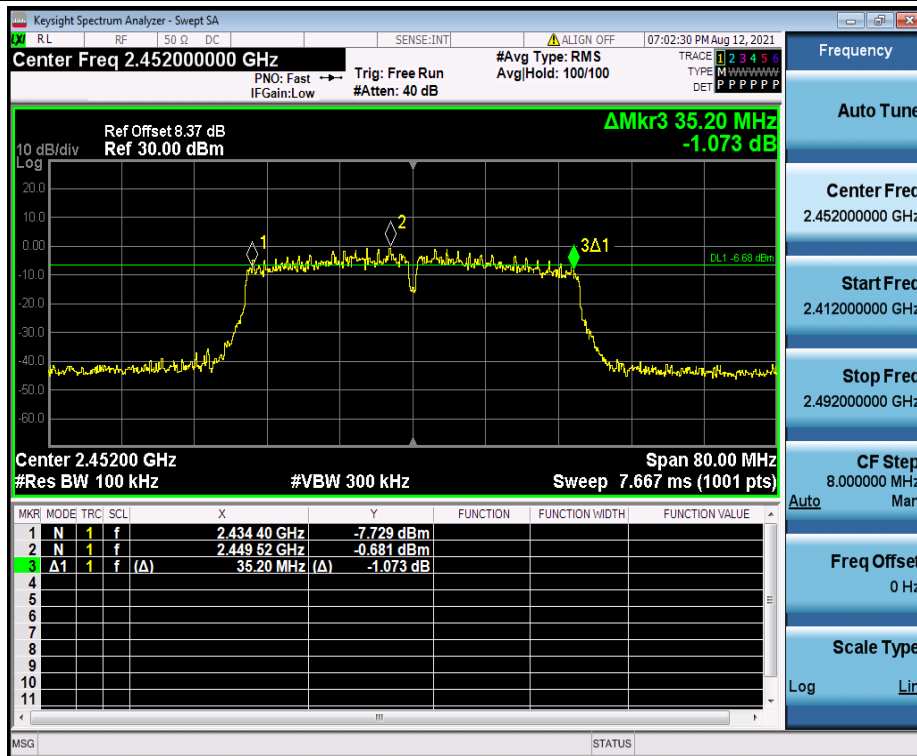


11N40SISO\_Ant2\_2442





11N40SISO\_Ant2\_2452



**8.2 Appendix B: Maximum conducted output power****8.2.1 Test Result**

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	21.48	<=30	PASS
		2442	20.58	<=30	PASS
		2462	19.78	<=30	PASS
11G	Ant1	2412	20.00	<=30	PASS
		2442	19.31	<=30	PASS
		2462	20.92	<=30	PASS
11N20SISO	Ant1	2412	19.25	<=30	PASS
		2442	16.86	<=30	PASS
		2462	15.19	<=30	PASS
11N40SISO	Ant1	2422	17.64	<=30	PASS
		2442	15.76	<=30	PASS
		2452	14.54	<=30	PASS
11B	Ant2	2412	16.49	<=30	PASS
		2442	16.62	<=30	PASS
		2462	16.44	<=30	PASS
11G	Ant2	2412	14.38	<=30	PASS
		2442	13.27	<=30	PASS
		2462	12.32	<=30	PASS
11N20SISO	Ant2	2412	14.23	<=30	PASS
		2442	14.18	<=30	PASS
		2462	13.22	<=30	PASS
11N40SISO	Ant2	2422	12.43	<=30	PASS
		2442	12.38	<=30	PASS
		2452	13.24	<=30	PASS
11B CDD	Ant1+2	2412	22.68	<=30	PASS
		2442	22.05	<=30	PASS
		2462	21.43	<=30	PASS
11G CDD	Ant1+2	2412	21.05	<=30	PASS
		2442	20.28	<=30	PASS
		2462	21.48	<=30	PASS
11N20MIMO	Ant1+2	2412	20.44	<=30	PASS
		2442	18.73	<=30	PASS
		2462	17.33	<=30	PASS
11N40MIMO	Ant1+2	2422	18.78	<=30	PASS
		2442	17.40	<=30	PASS
		2452	16.95	<=30	PASS

Ant1 power: Ant 1 conducted power + duty cycle factor.

Ant2 power: Ant 2 conducted power + duty cycle factor.

Ant1+2 power: Ant 1 conducted power + duty cycle factor + Ant 2 conducted power + duty cycle factor.



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**8.3 Appendix C: Maximum power spectral density****8.3.1 Test Result**

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-2.2	<=8	PASS
		2442	-3.17	<=8	PASS
		2462	-3.95	<=8	PASS
11G	Ant1	2412	-6.17	<=8	PASS
		2442	-7.83	<=8	PASS
		2462	-5.95	<=8	PASS
11N20SISO	Ant1	2412	-5.95	<=8	PASS
		2442	-8.16	<=8	PASS
		2462	-9.51	<=8	PASS
11N40SISO	Ant1	2422	-7.64	<=8	PASS
		2442	-10.1	<=8	PASS
		2452	-11.53	<=8	PASS
11B	Ant2	2412	-4.51	<=8	PASS
		2442	-6.88	<=8	PASS
		2462	-7.25	<=8	PASS
11G	Ant2	2412	-11.82	<=8	PASS
		2442	-12.88	<=8	PASS
		2462	-13.41	<=8	PASS
11N20SISO	Ant2	2412	-10.91	<=8	PASS
		2442	-10.87	<=8	PASS
		2462	-9.6	<=8	PASS
11N40SISO	Ant2	2422	-13.74	<=8	PASS
		2442	-13.56	<=8	PASS
		2452	-13.02	<=8	PASS
11B CDD	Ant1+2	2412	-0.19	<=8	PASS
		2442	-1.63	<=8	PASS
		2462	-2.28	<=8	PASS
11G CDD	Ant1+2	2412	-5.12	<=8	PASS
		2442	-6.65	<=8	PASS
		2462	-5.23	<=8	PASS
11N20MIMO	Ant1+2	2412	-4.75	<=8	PASS
		2442	-6.30	<=8	PASS
		2462	-6.54	<=8	PASS
11N40MIMO	Ant1+2	2422	-6.69	<=8	PASS
		2442	-8.48	<=8	PASS
		2452	-9.20	<=8	PASS

Ant1 power spectral density: Ant 1 conducted power spectral density + duty cycle factor

Ant2 power spectral density: Ant 2 conducted power spectral density + duty cycle factor

Ant1+2 power spectral density: Ant 1 conducted power spectral density + duty cycle factor + Ant 2 conducted power spectral density + duty cycle factor.

The Duty Cycle Factor is compensated in the conducted power spectral density test graph.

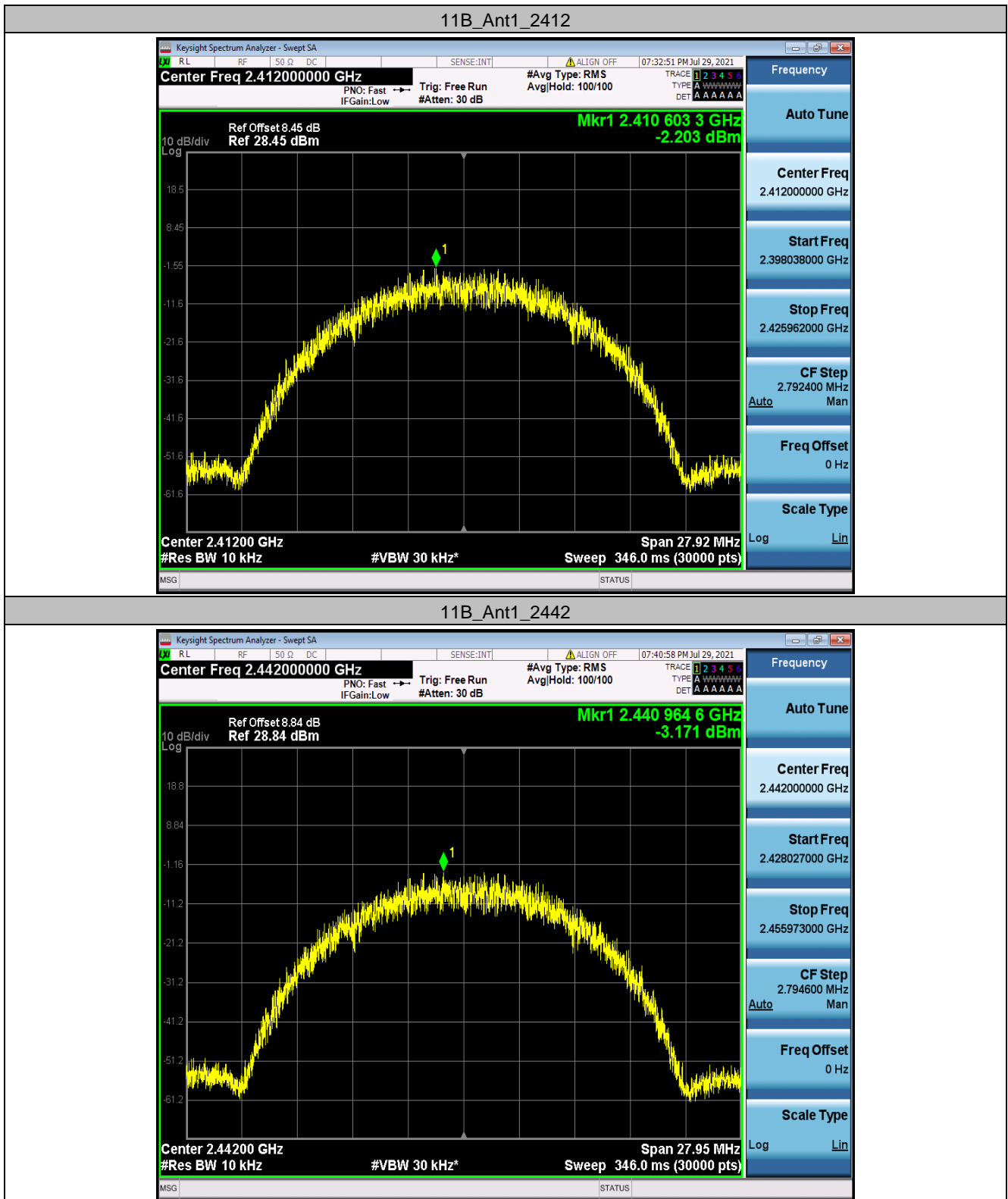


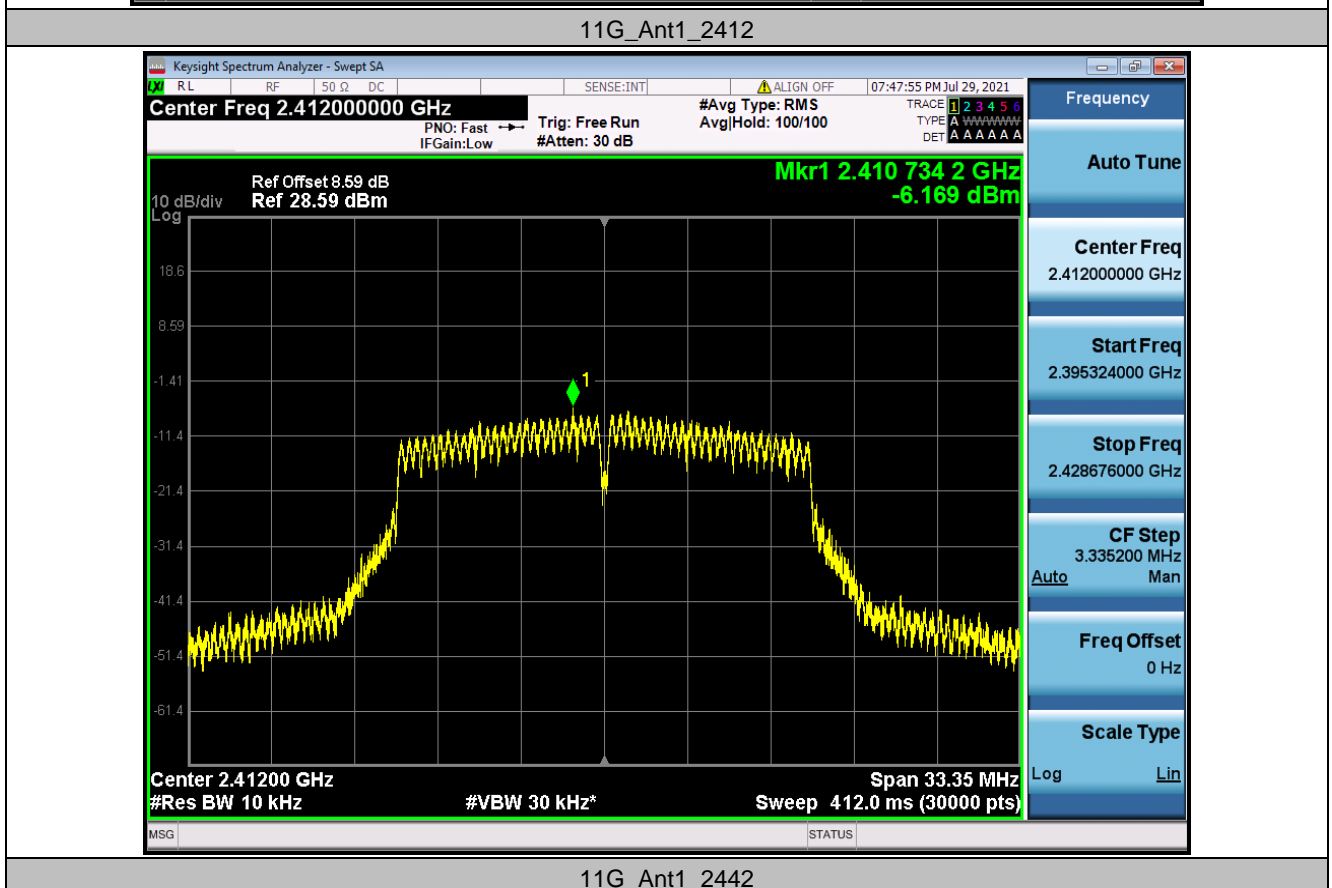
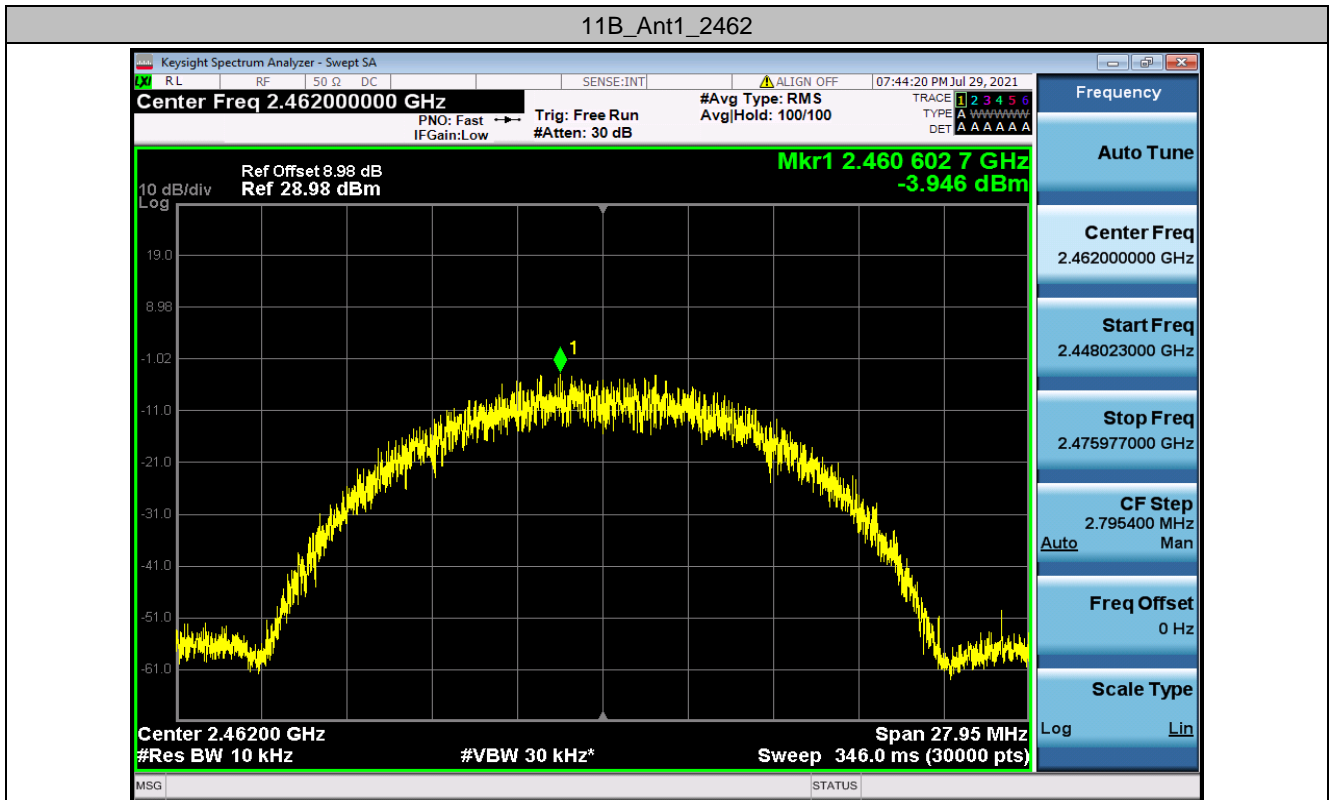
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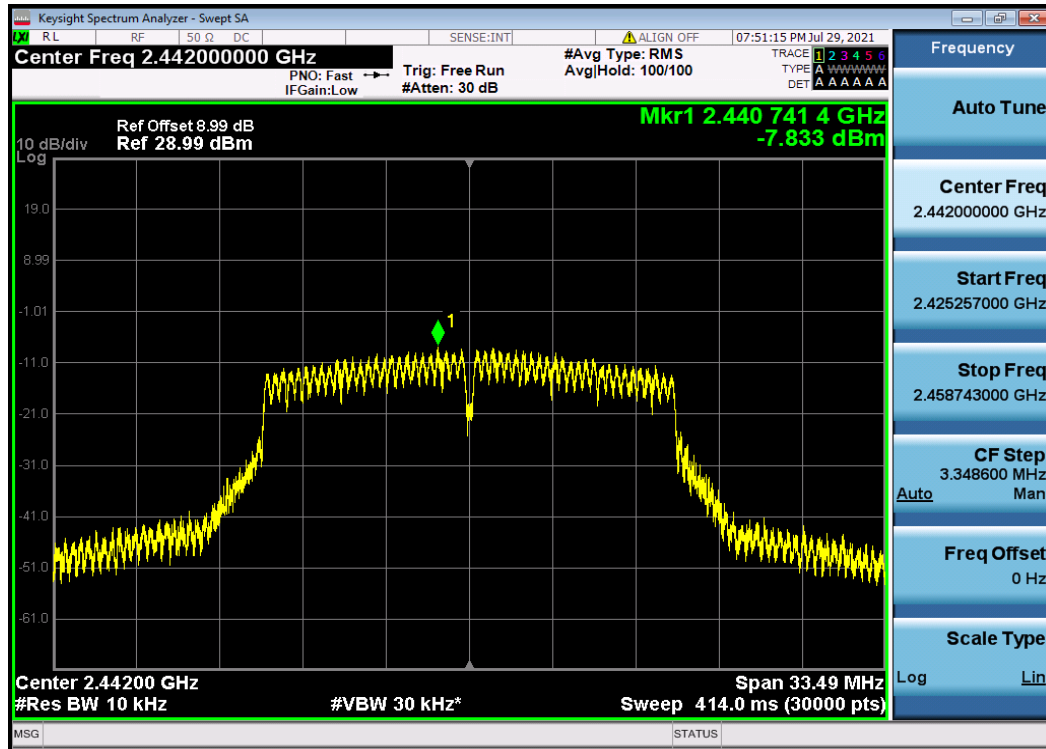
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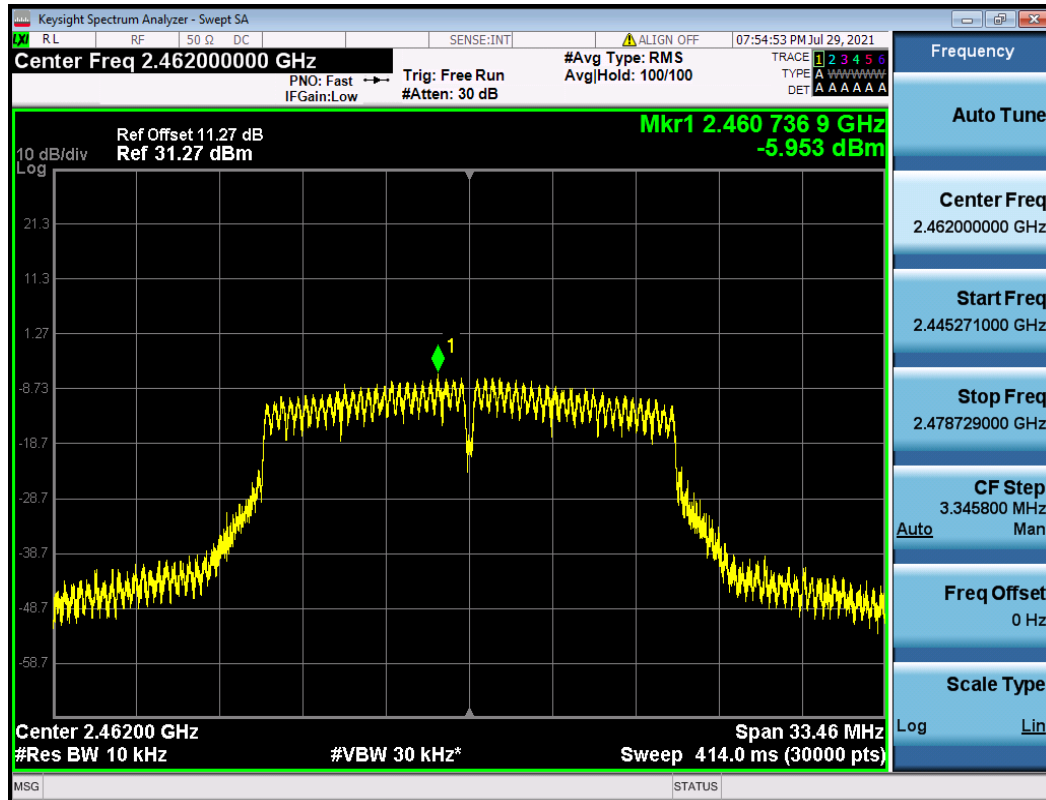
### 8.3.2 Test Graphs





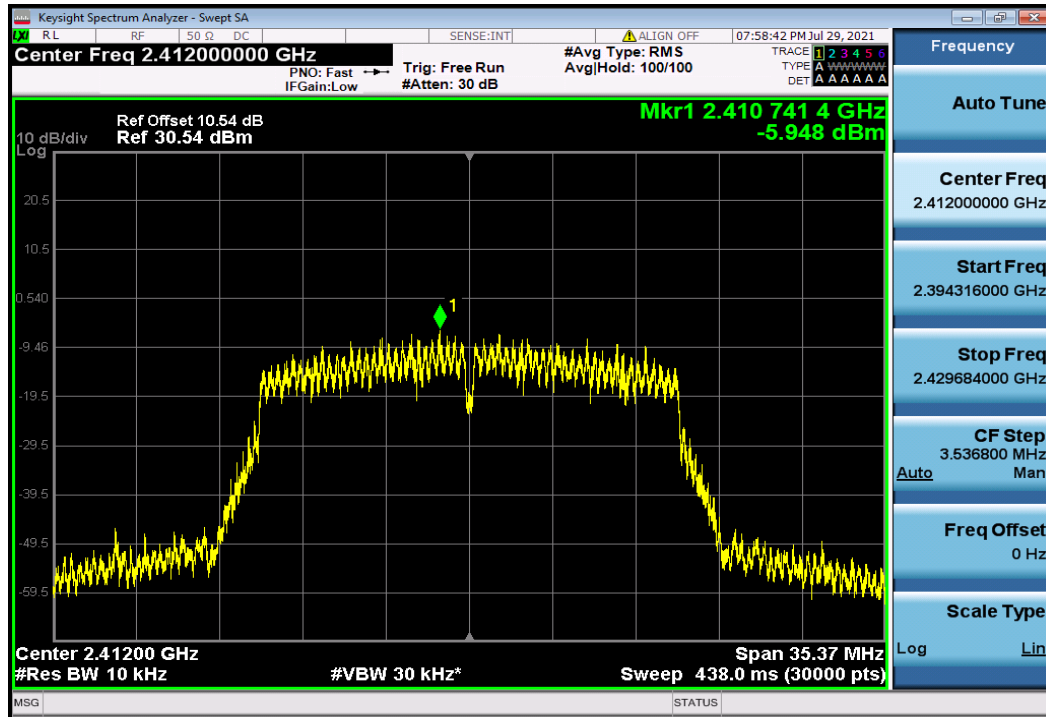


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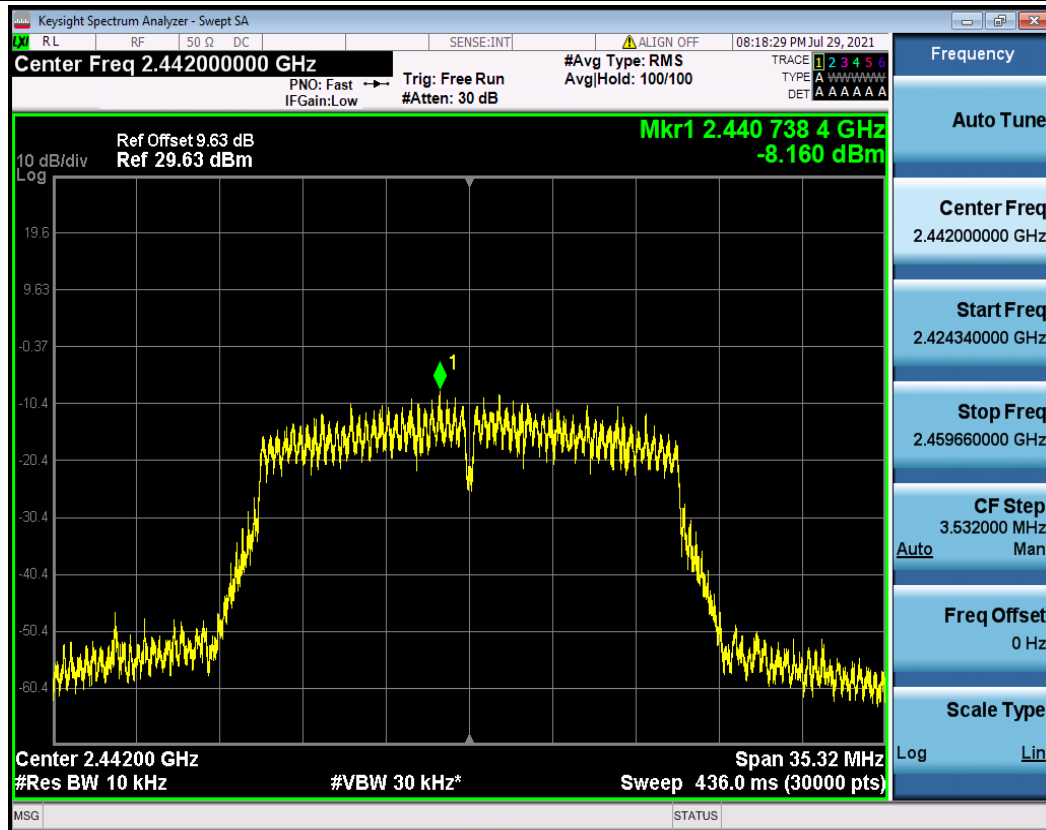


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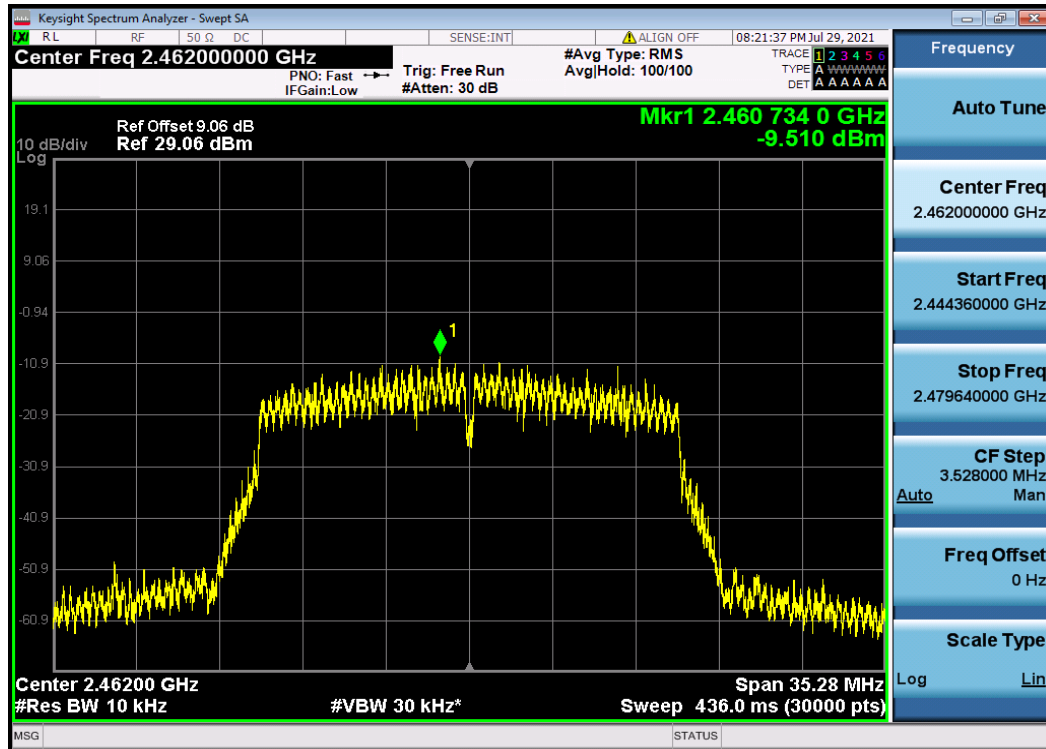




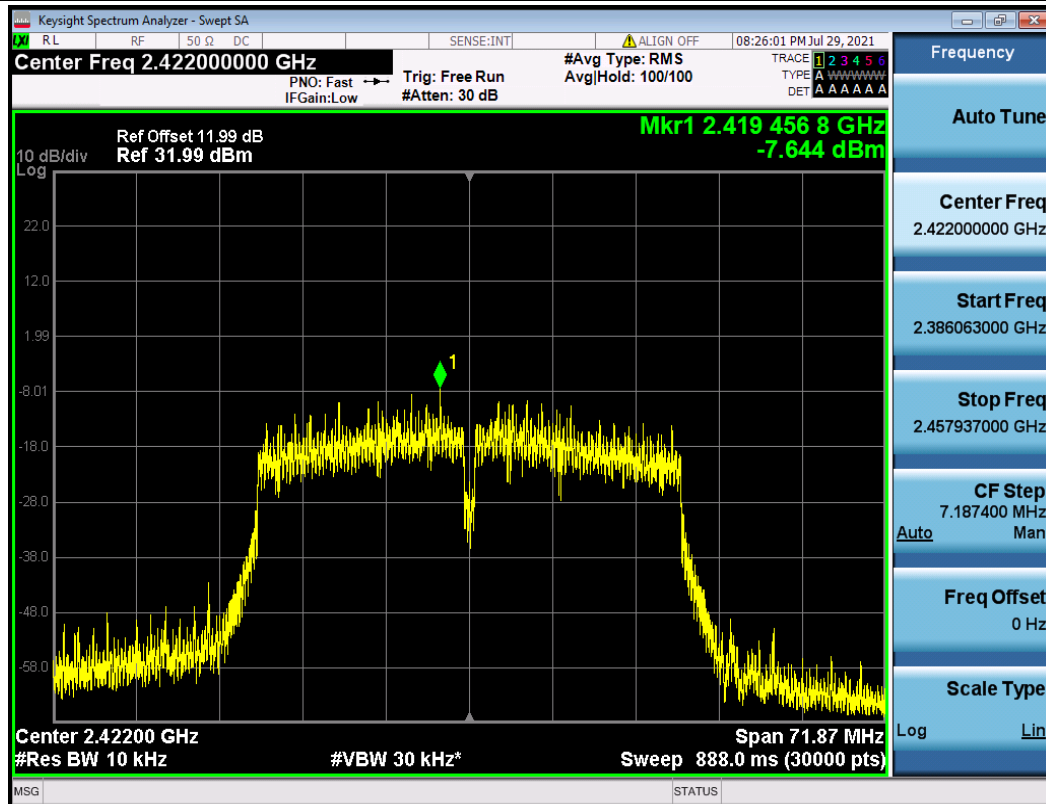
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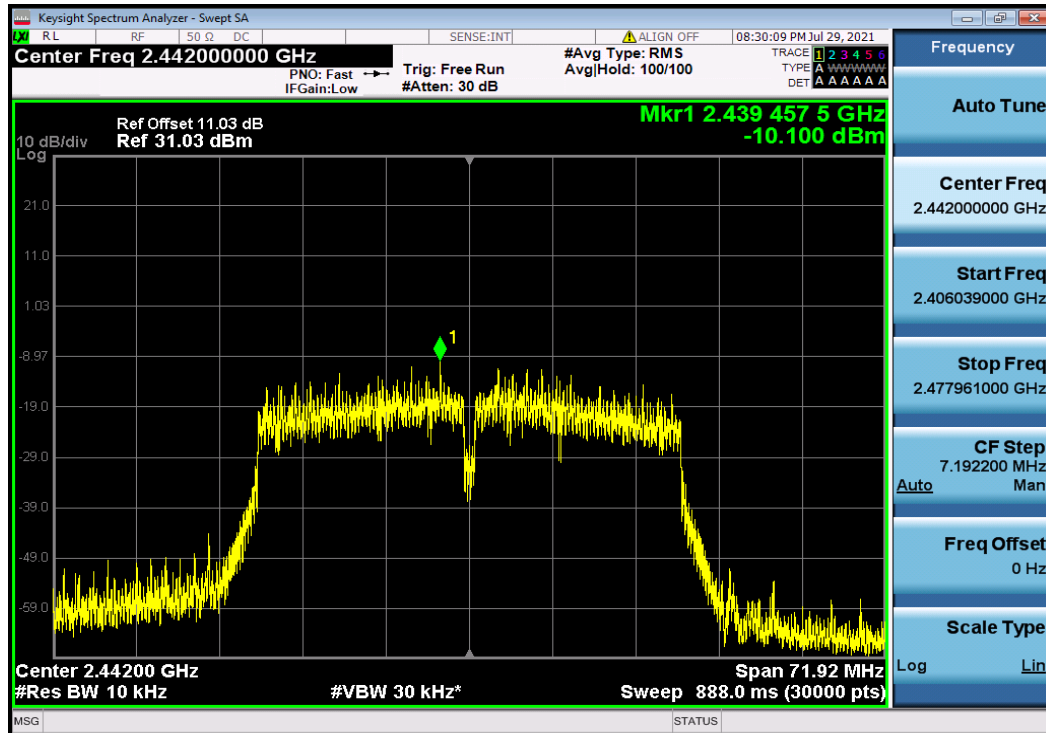
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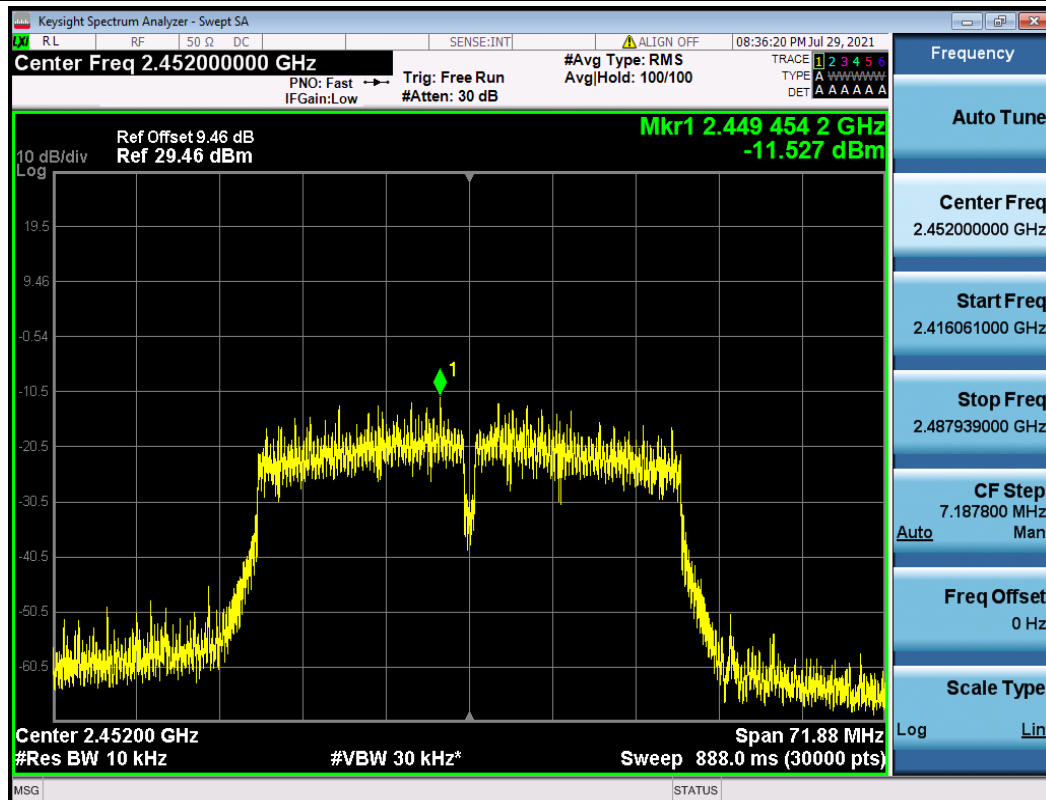
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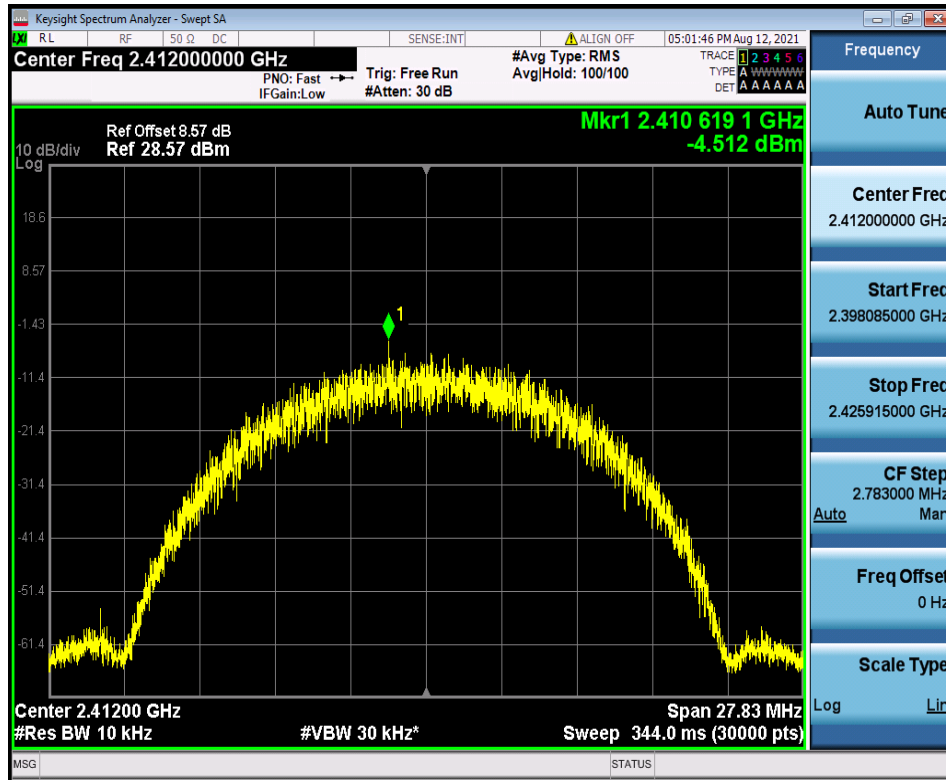


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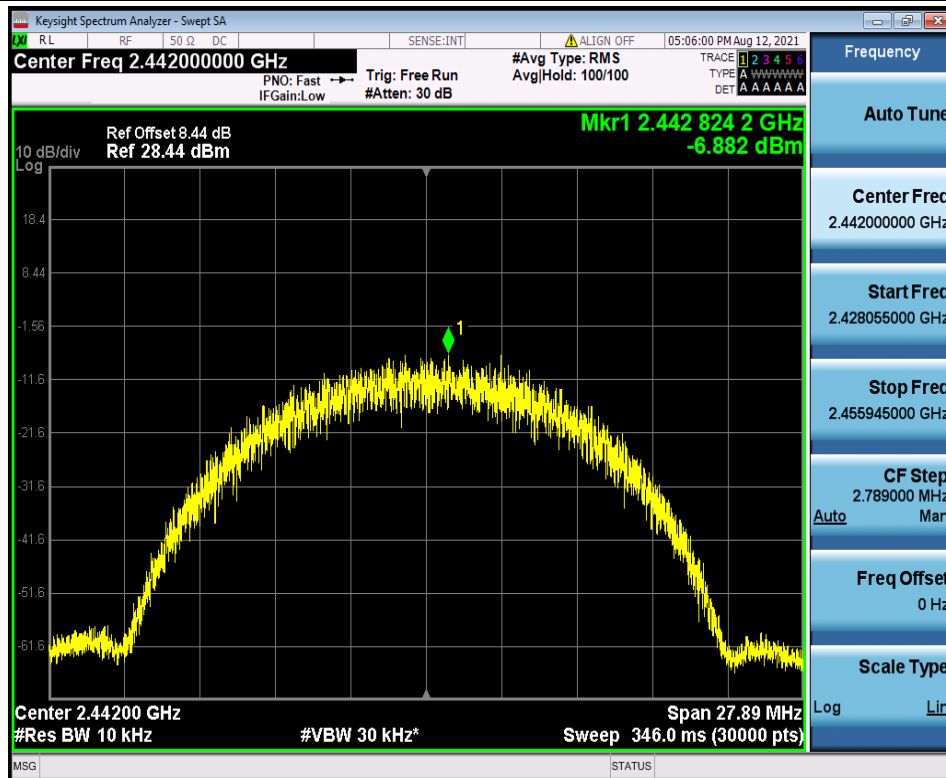


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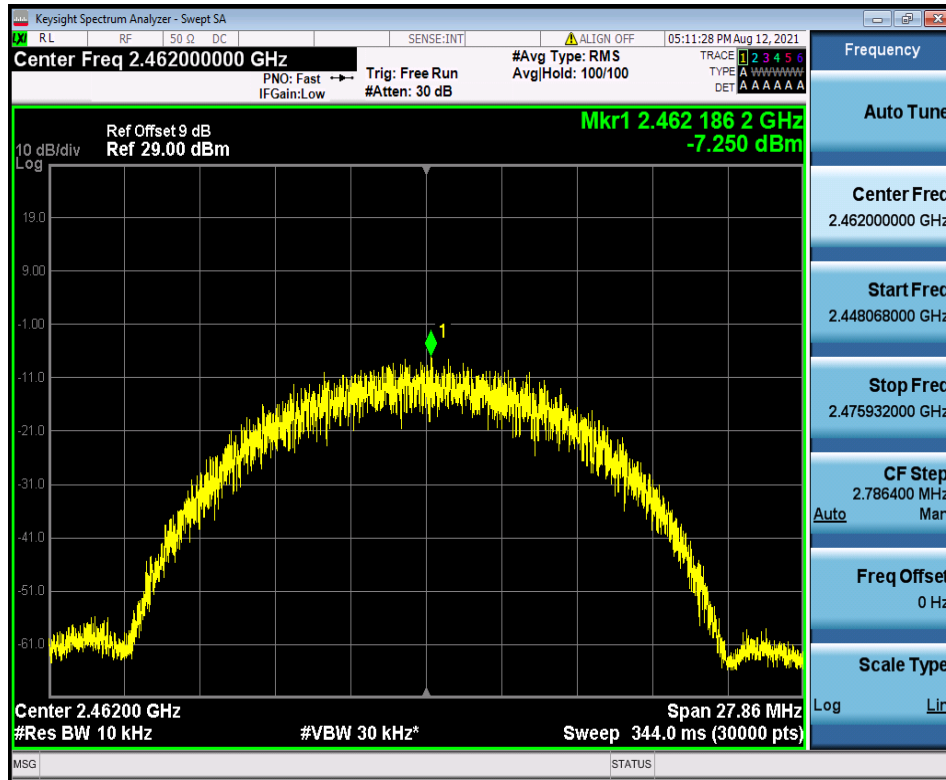
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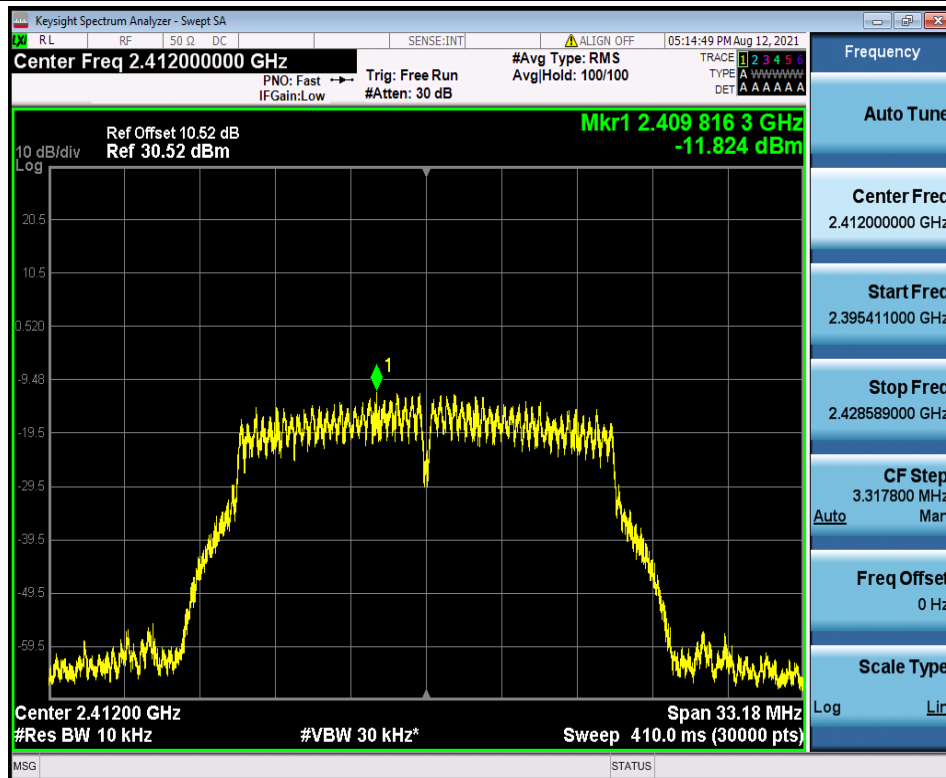
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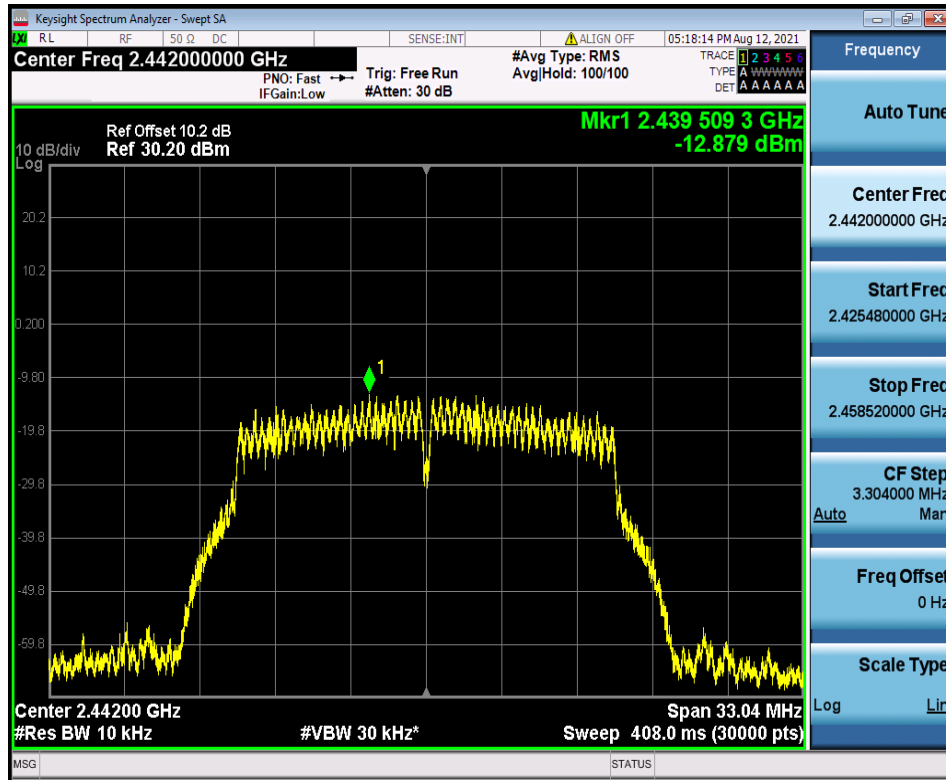
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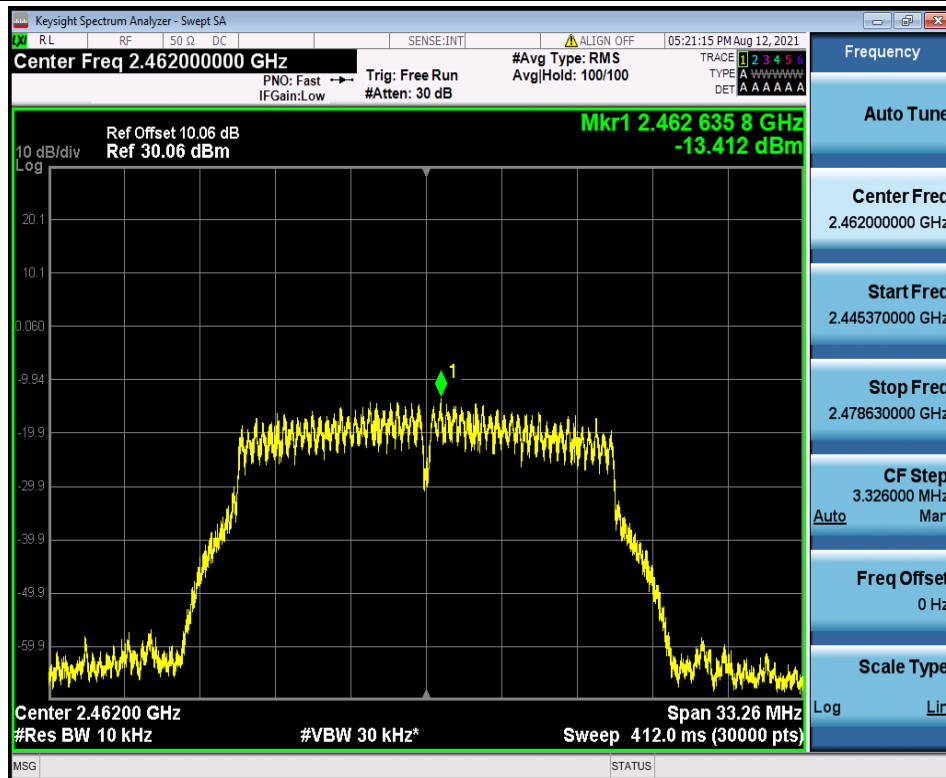
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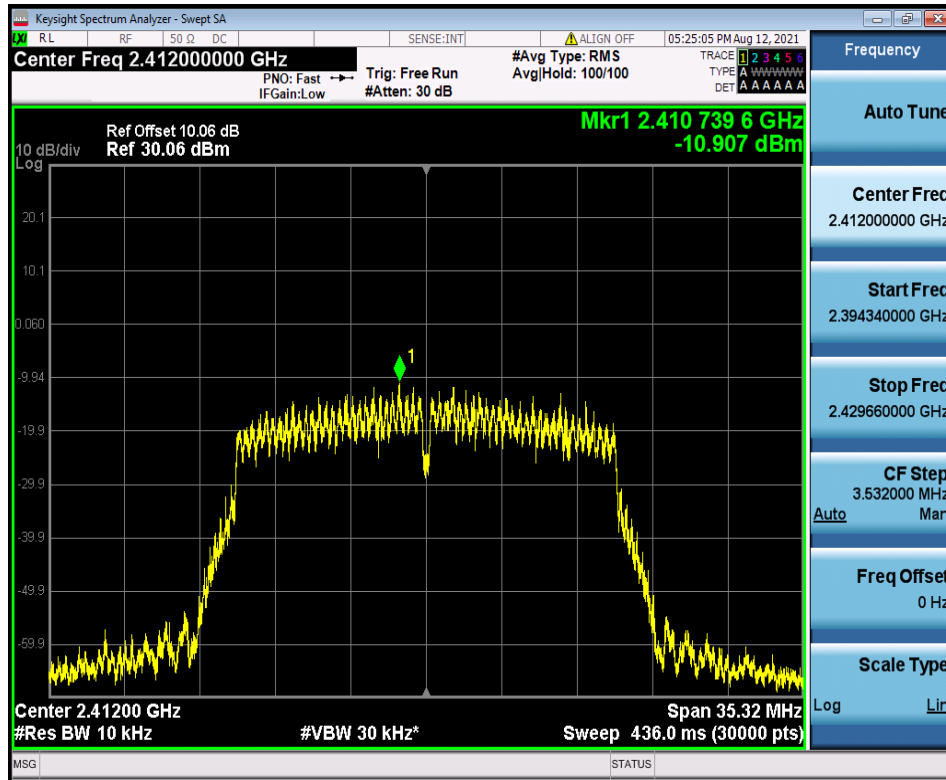
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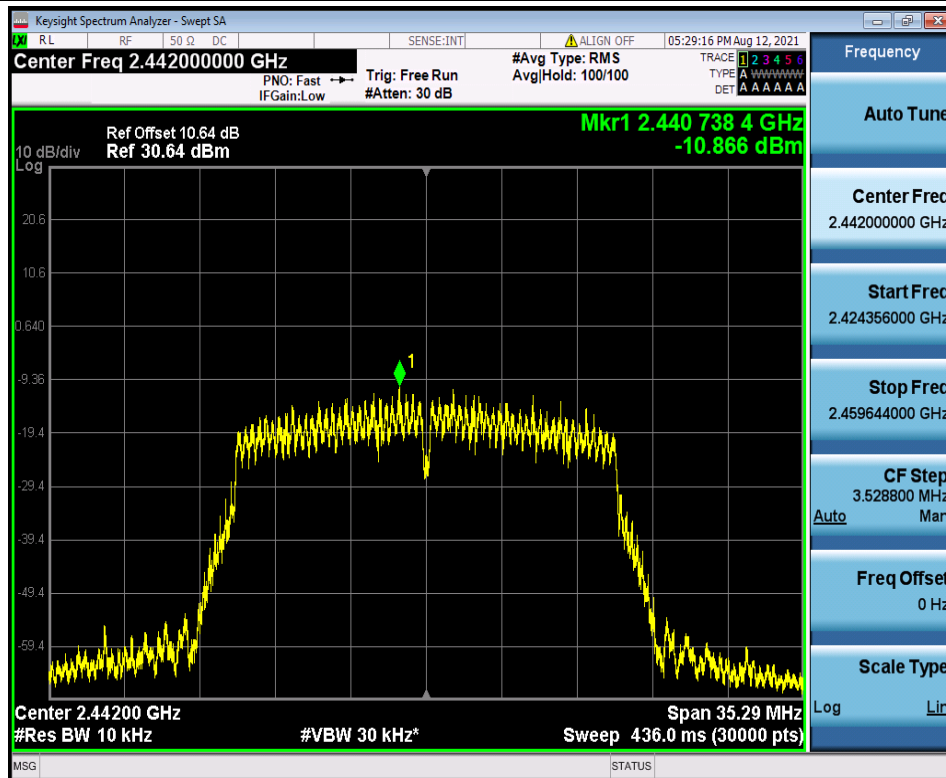
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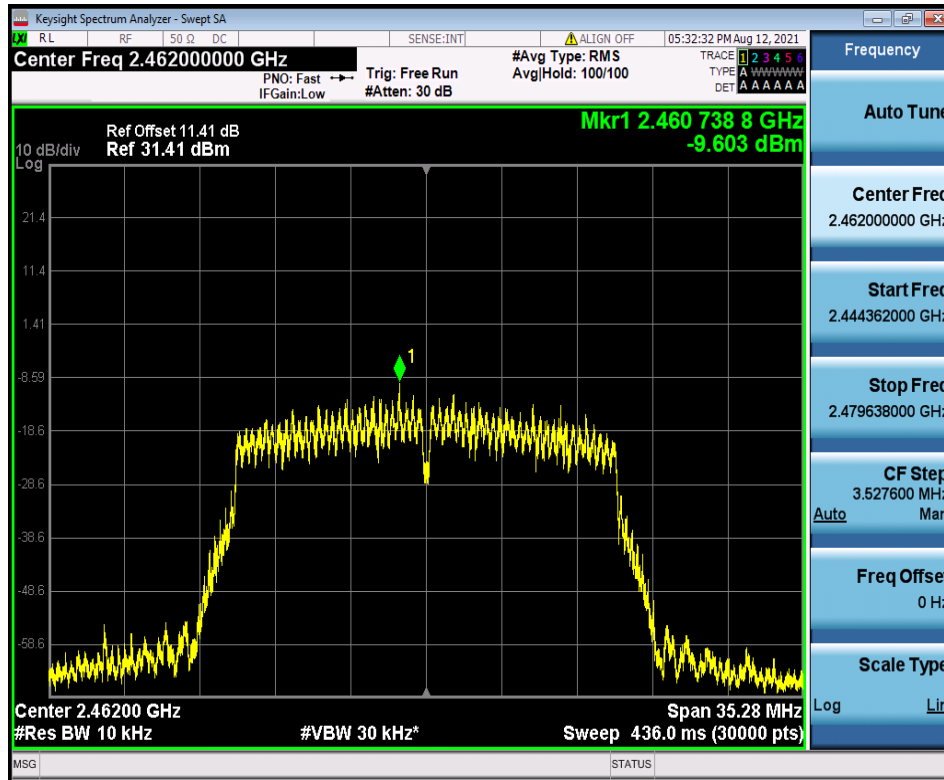
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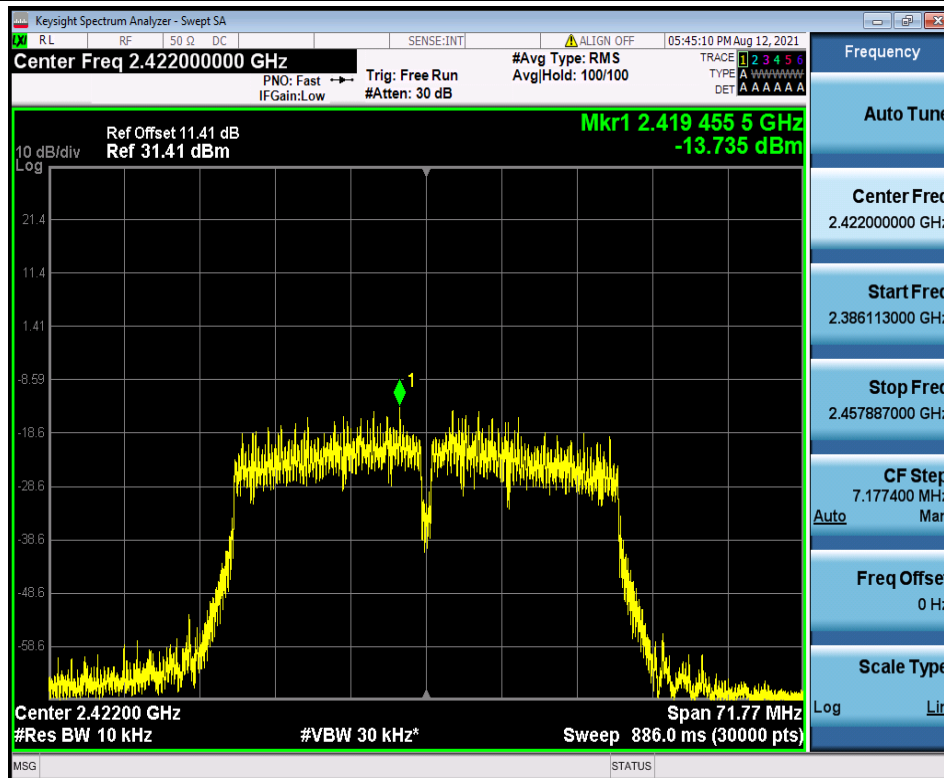
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11N40SISO\_Ant2\_2422



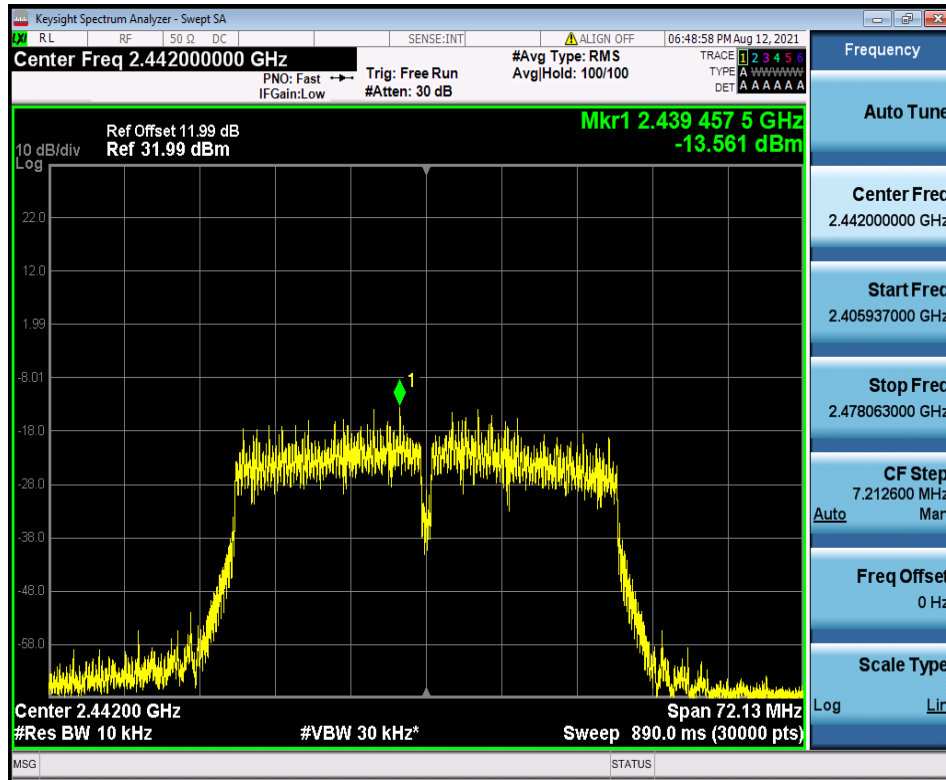
11N40SISO\_Ant2\_2442



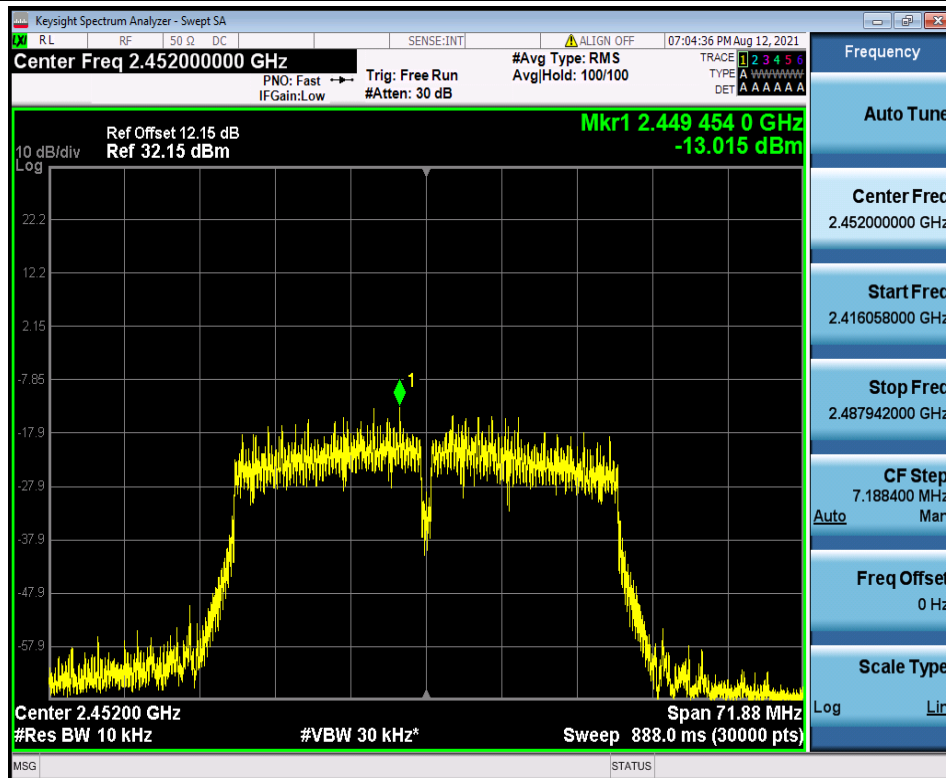
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11N40SISO\_Ant2\_2452



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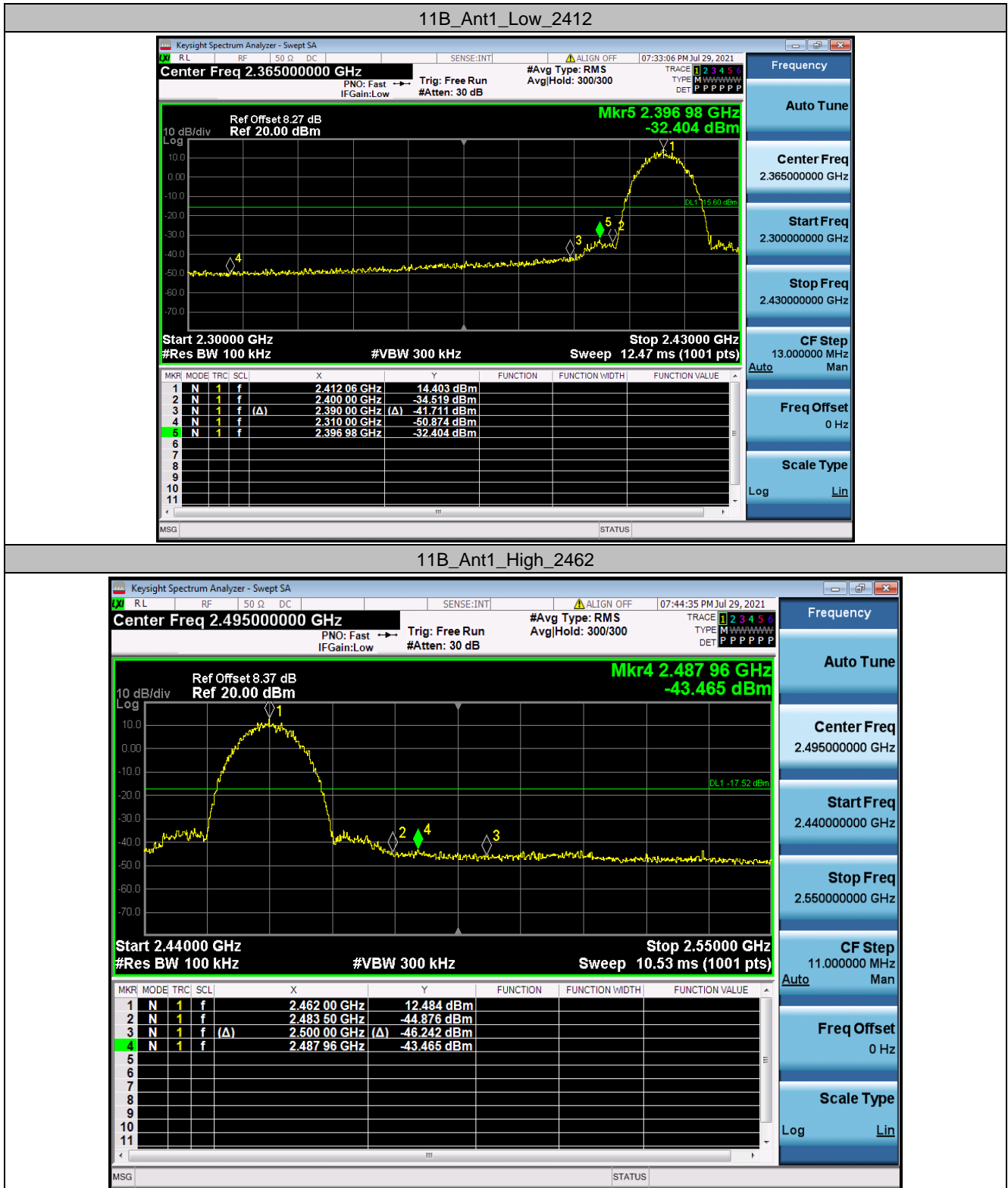
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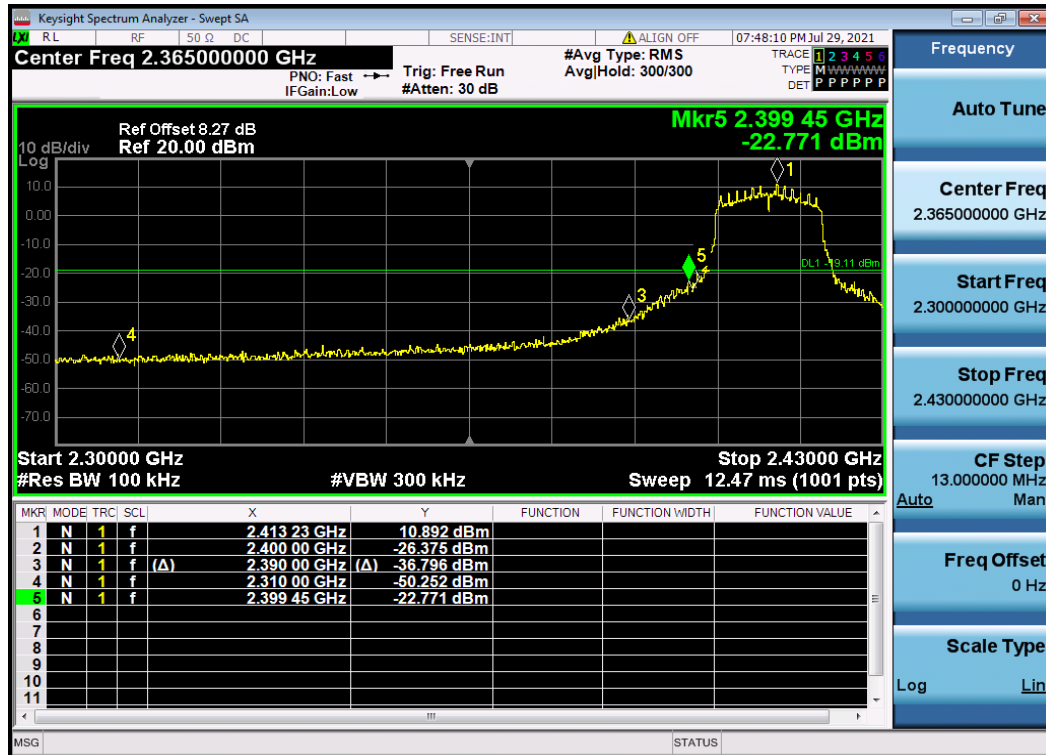
**8.4 Appendix D: Band edge measurements****8.4.1 Test Result**

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	14.40	-32.4	<=-15.6	PASS
		High	2462	12.48	-43.47	<=-17.52	PASS
11G	Ant1	Low	2412	10.89	-22.77	<=-19.11	PASS
		High	2462	9.14	-36.37	<=-20.87	PASS
11N20SISO	Ant1	Low	2412	8.50	-29.76	<=-21.5	PASS
		High	2462	6.73	-42.69	<=-23.27	PASS
11N40SISO	Ant1	Low	2422	4.31	-28.29	<=-25.69	PASS
		High	2452	3.80	-39.72	<=-26.2	PASS
11B	Ant2	Low	2412	8.30	-41.15	<=-21.7	PASS
		High	2462	7.28	-45.34	<=-22.72	PASS
11G	Ant2	Low	2412	4.23	-39.3	<=-25.77	PASS
		High	2462	3.01	-47.64	<=-27	PASS
11N20SISO	Ant2	Low	2412	4.24	-39.91	<=-25.76	PASS
		High	2462	2.85	-48.1	<=-27.15	PASS
11N40SISO	Ant2	Low	2422	0.07	-38.71	<=-29.93	PASS
		High	2452	-0.48	-47.64	<=-30.48	PASS

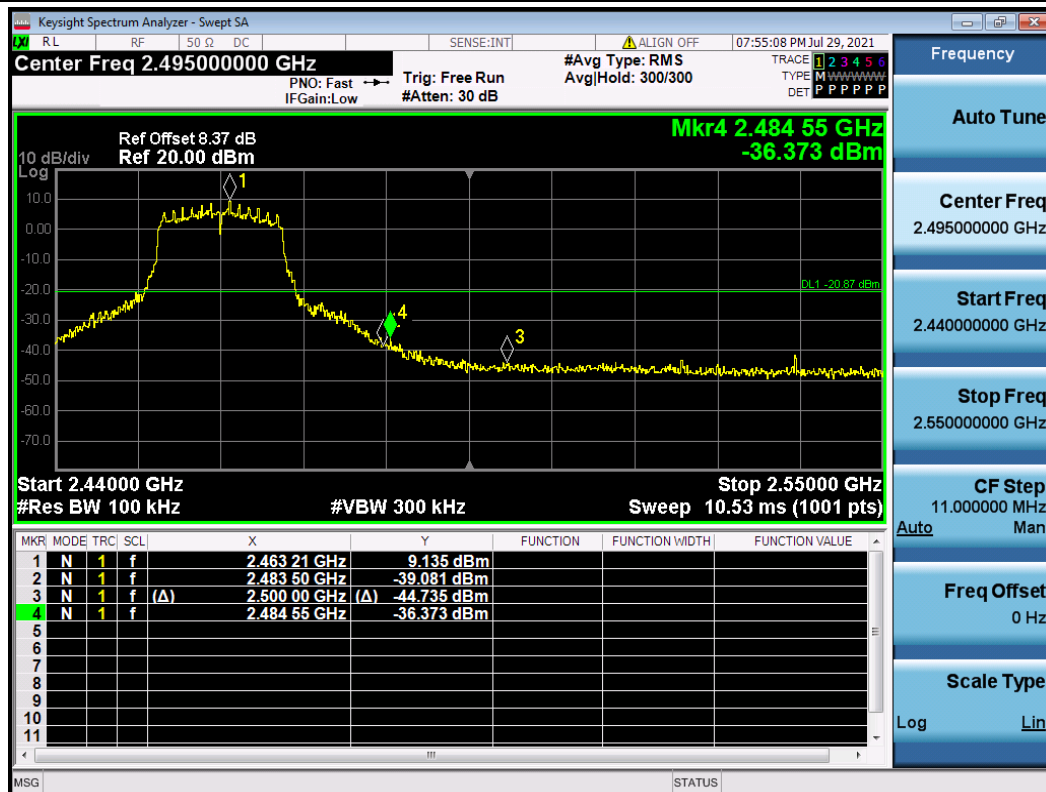
### 8.4.2 Test Graphs

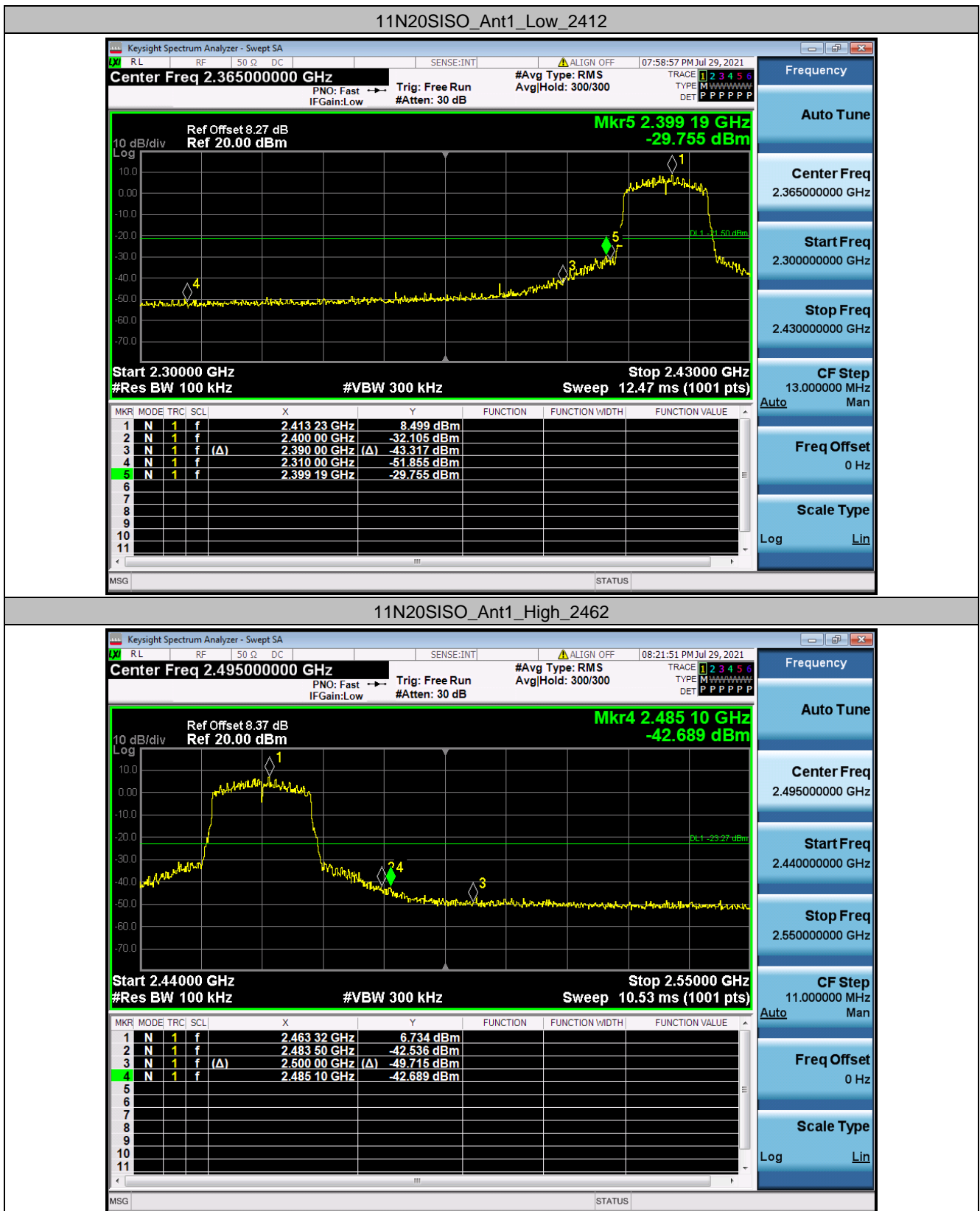


### 11G\_Ant1\_Low\_2412



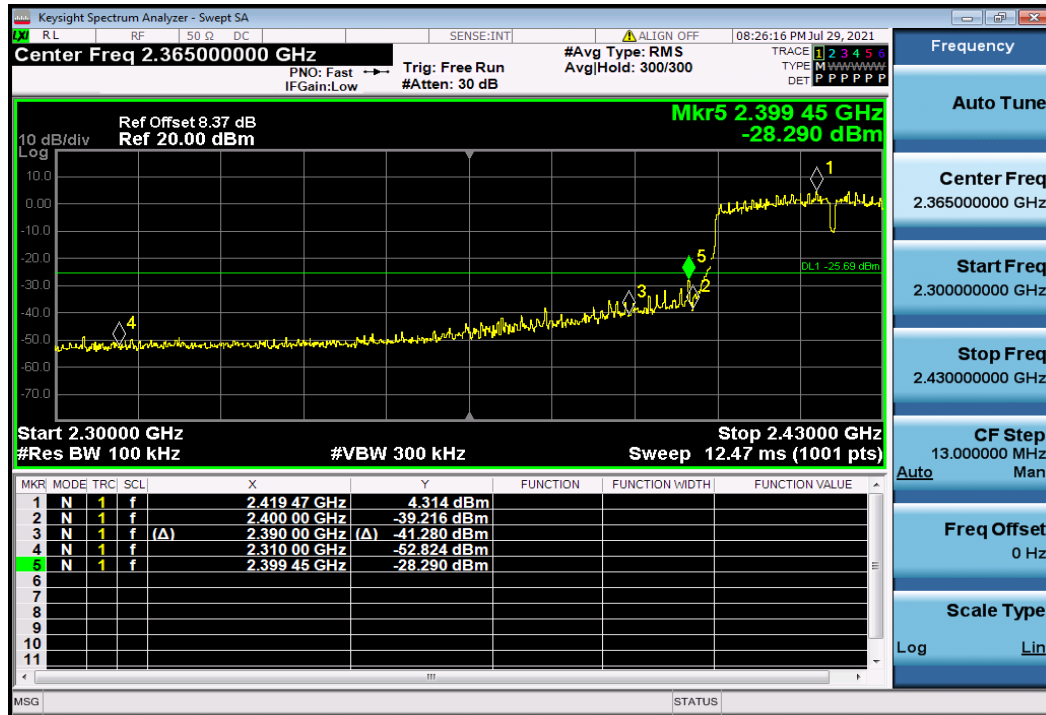
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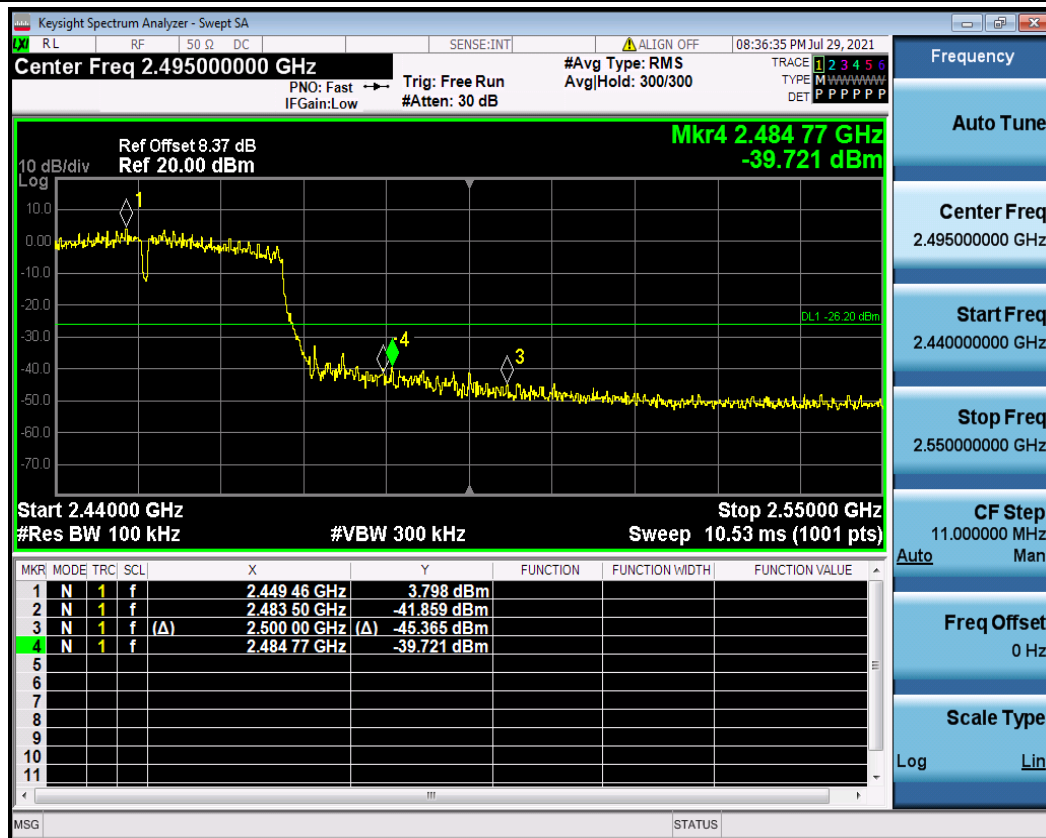




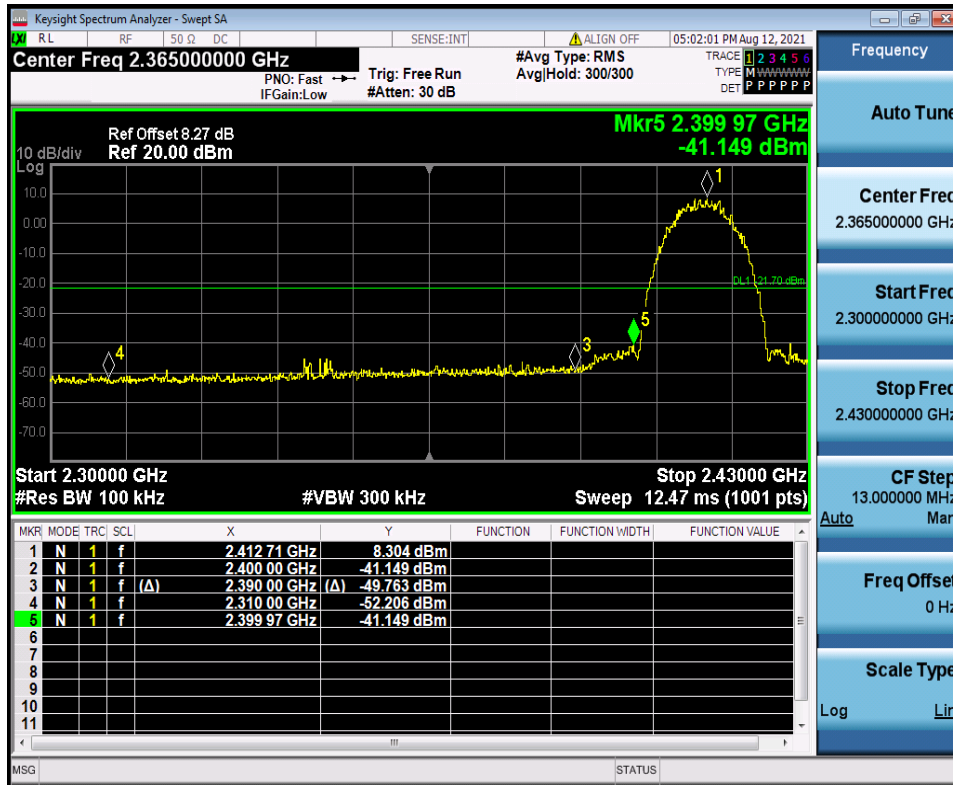
### 11N40SISO\_Ant2\_Low\_2422



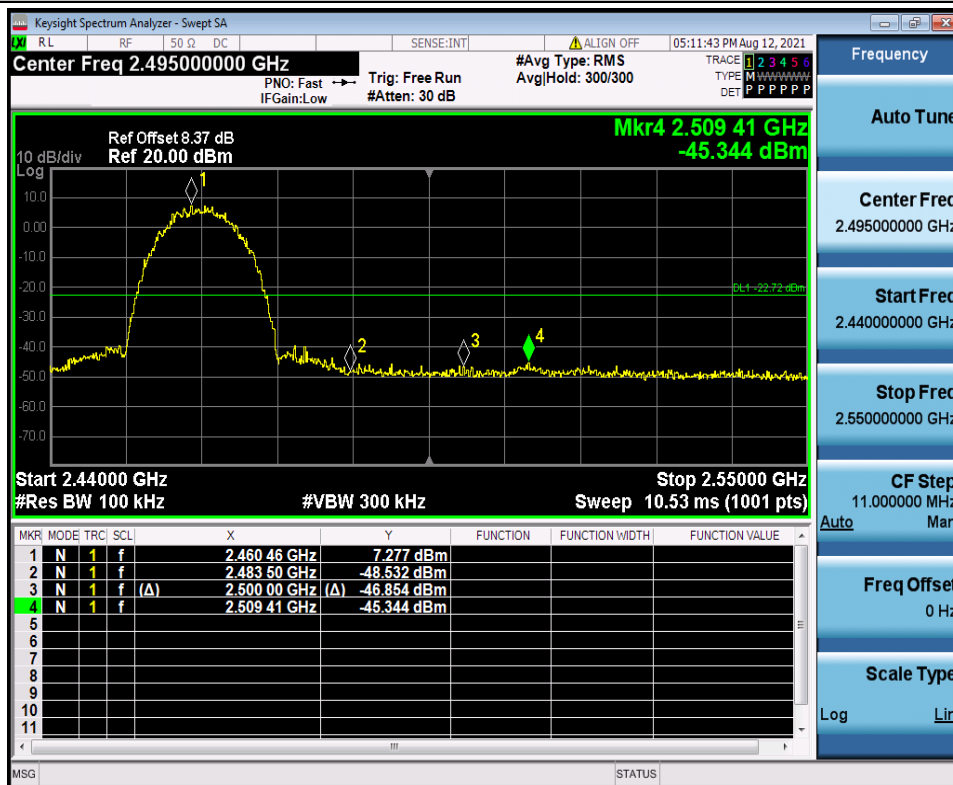
### 11N40SISO\_Ant2\_High\_2452



### 11B\_Ant2\_Low\_2412



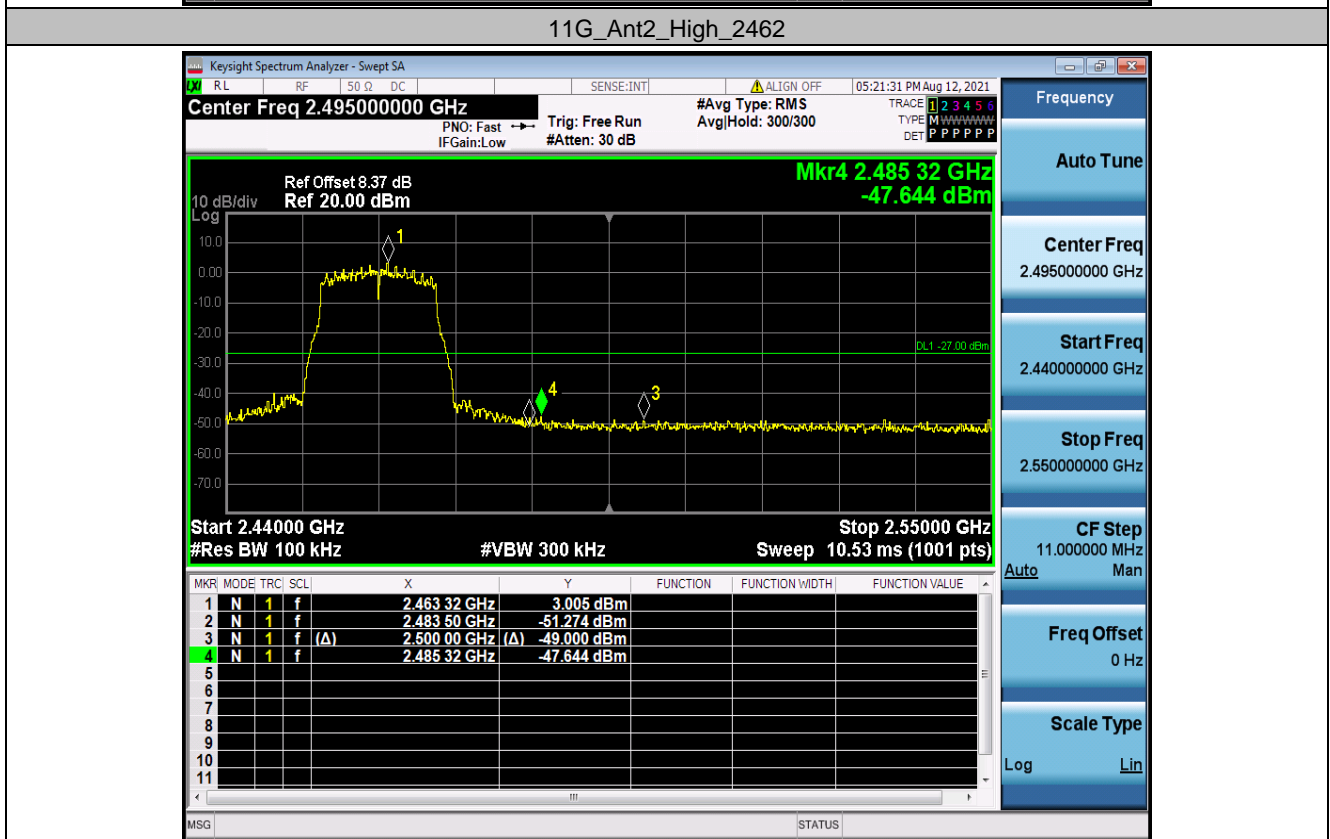
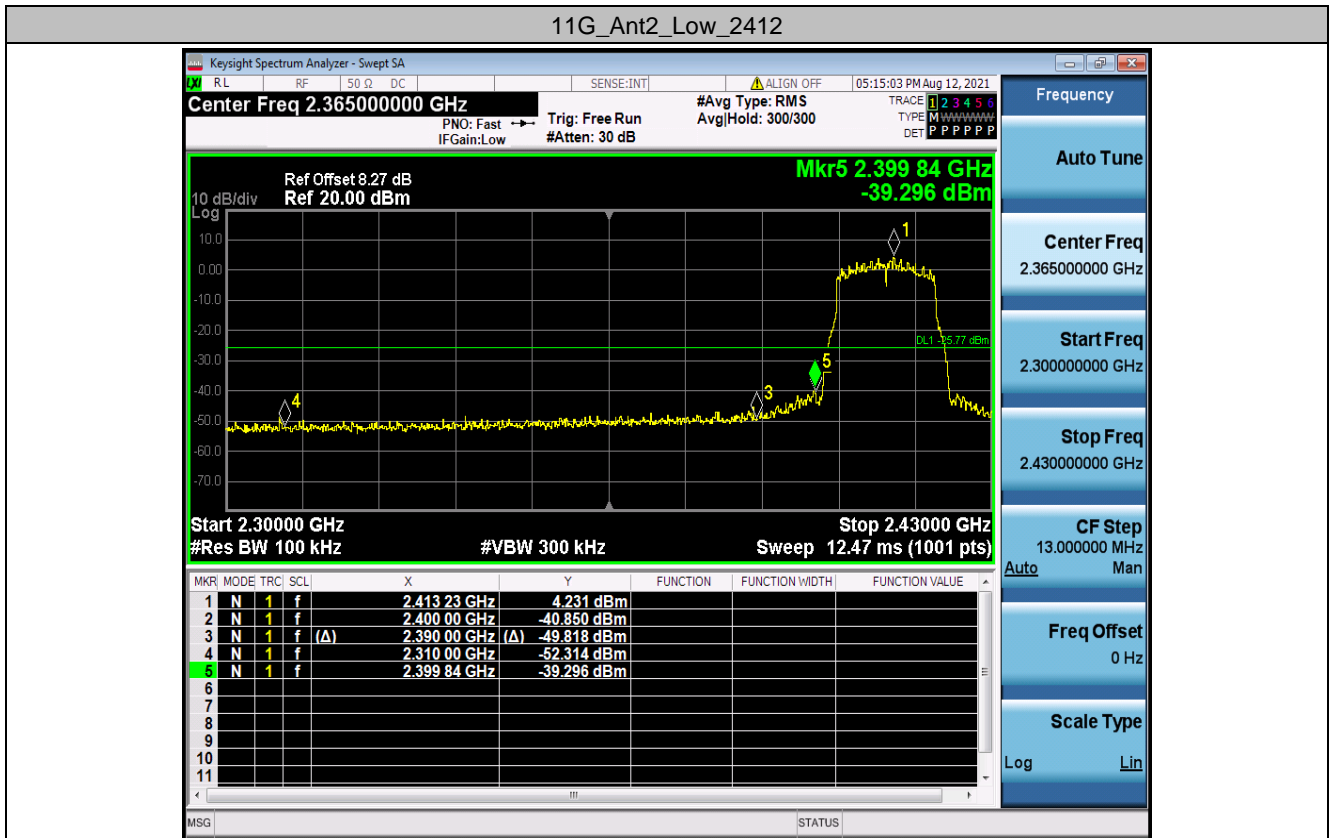
### 11B\_Ant2\_High\_2462



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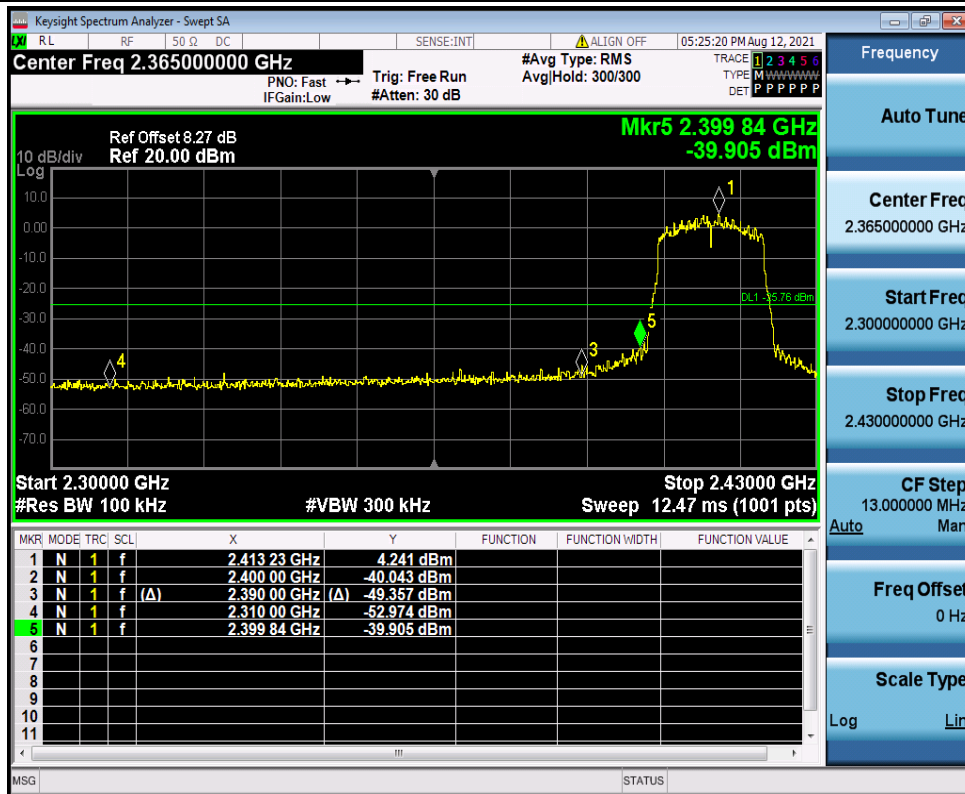
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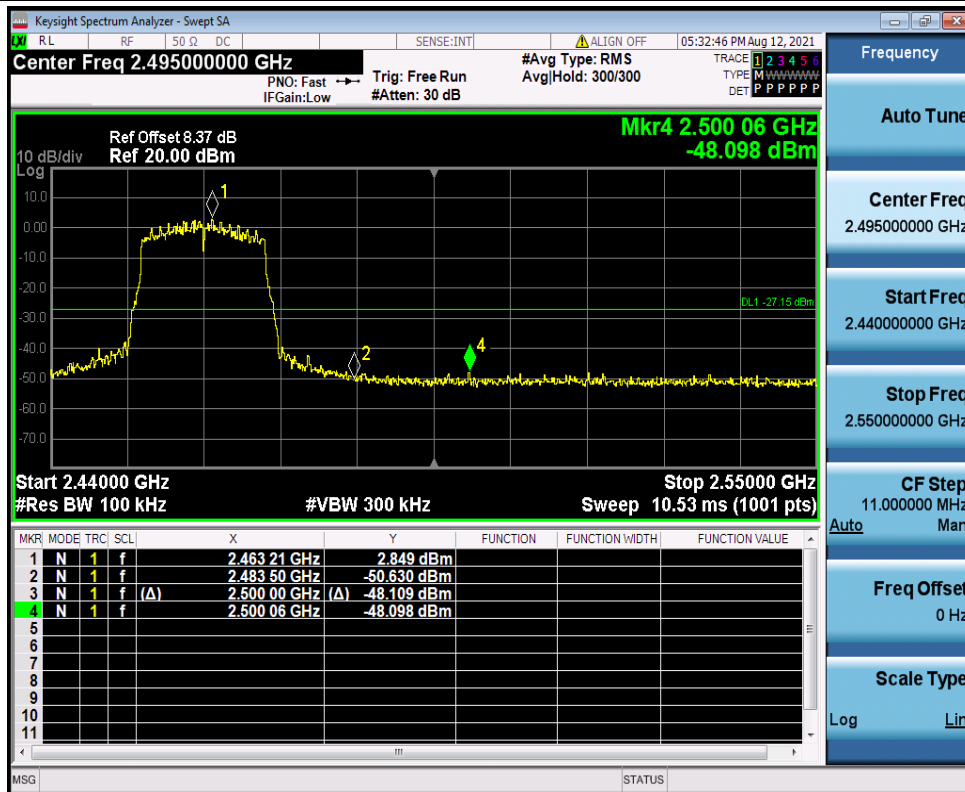




### 11N20SISO\_Ant2\_Low\_2412



### 11N20SISO\_Ant2\_High\_2462

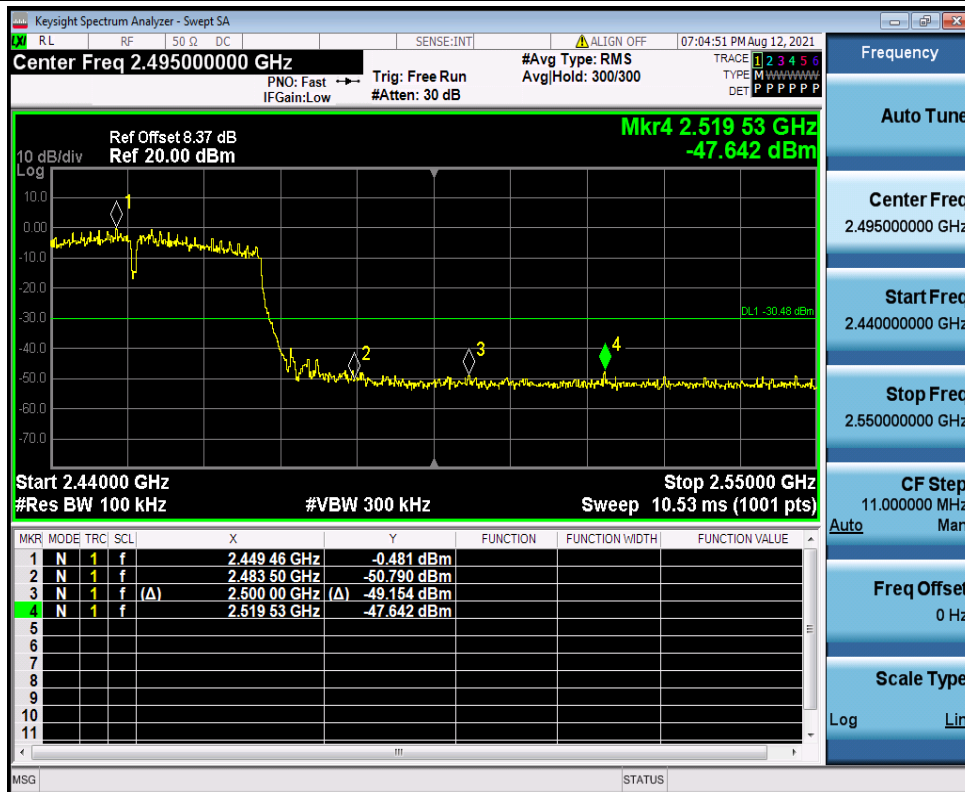




### 11N40SISO\_Ant2\_Low\_2422



### 11N40SISO\_Ant2\_High\_2452



**8.5 Appendix E: Conducted Spurious Emission****8.5.1 Test Result**

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	14.46	14.46	---	PASS
			30~1000	30~1000	-62.61	<=-5.544	PASS
			1000~26500	1000~26500	-48.875	<=-5.544	PASS
		2442	Reference	13.38	13.38	---	PASS
			30~1000	30~1000	-62.066	<=-6.617	PASS
			1000~26500	1000~26500	-48.526	<=-6.617	PASS
		2462	Reference	10.88	10.88	---	PASS
			30~1000	30~1000	-62.353	<=-9.124	PASS
			1000~26500	1000~26500	-48.399	<=-9.124	PASS
11G	Ant1	2412	Reference	10.77	10.77	---	PASS
			30~1000	30~1000	-63.208	<=-9.231	PASS
			1000~26500	1000~26500	-47.015	<=-9.231	PASS
		2442	Reference	8.91	8.91	---	PASS
			30~1000	30~1000	-62.024	<=-11.09	PASS
			1000~26500	1000~26500	-47.372	<=-11.09	PASS
		2462	Reference	9.07	9.07	---	PASS
			30~1000	30~1000	-61.514	<=-10.928	PASS
			1000~26500	1000~26500	-46.883	<=-10.928	PASS
11N20SISO	Ant1	2412	Reference	8.95	8.95	---	PASS
			30~1000	30~1000	-60.198	<=-11.049	PASS
			1000~26500	1000~26500	-52.974	<=-11.049	PASS
		2442	Reference	7.61	7.61	---	PASS
			30~1000	30~1000	-62.031	<=-12.389	PASS
			1000~26500	1000~26500	-50.944	<=-12.389	PASS
		2462	Reference	6.79	6.79	---	PASS
			30~1000	30~1000	-62.781	<=-13.207	PASS
			1000~26500	1000~26500	-51.092	<=-13.207	PASS
11N40SISO	Ant1	2422	Reference	4.36	4.36	---	PASS
			30~1000	30~1000	-60.318	<=-15.637	PASS
			1000~26500	1000~26500	-53.083	<=-15.637	PASS
		2442	Reference	3.33	3.33	---	PASS
			30~1000	30~1000	-61.03	<=-16.67	PASS
			1000~26500	1000~26500	-52.775	<=-16.67	PASS
		2452	Reference	3.43	3.43	---	PASS
			30~1000	30~1000	-61.292	<=-16.569	PASS
			1000~26500	1000~26500	-53.228	<=-16.569	PASS



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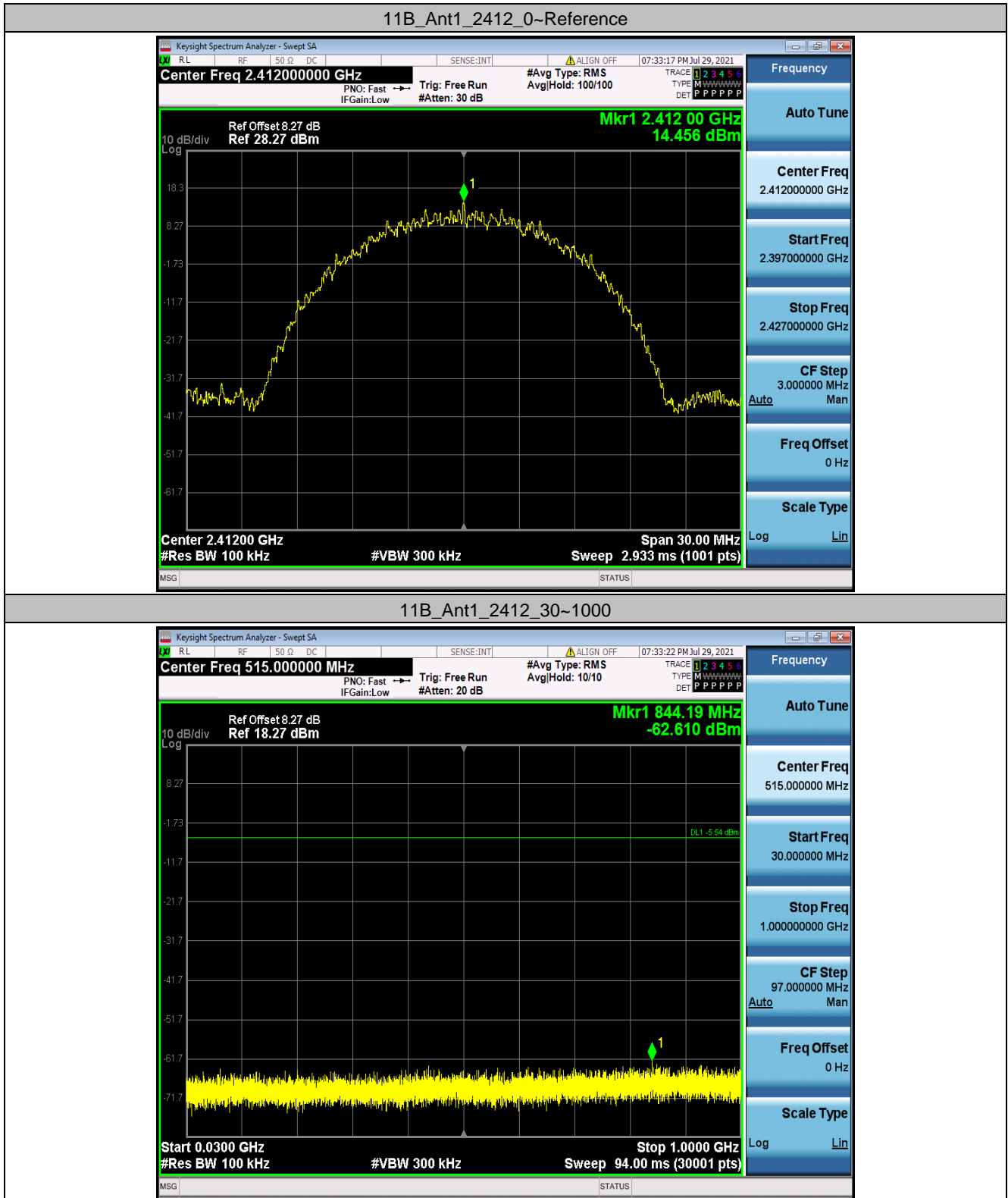
TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant2	2412	Reference	8.28	8.28	---	PASS
			30~1000	30~1000	-62.049	<=-11.72	PASS
			1000~26500	1000~26500	-51.17	<=-11.72	PASS
		2442	Reference	8.42	8.42	---	PASS
			30~1000	30~1000	-62.639	<=-11.578	PASS
			1000~26500	1000~26500	-51.545	<=-11.578	PASS
		2462	Reference	7.72	7.72	---	PASS
			30~1000	30~1000	-62.93	<=-12.276	PASS
			1000~26500	1000~26500	-50.215	<=-12.276	PASS
11G	Ant2	2412	Reference	4.06	4.06	---	PASS
			30~1000	30~1000	-62.267	<=-15.936	PASS
			1000~26500	1000~26500	-51.99	<=-15.936	PASS
		2442	Reference	3.33	3.33	---	PASS
			30~1000	30~1000	-61.986	<=-16.668	PASS
			1000~26500	1000~26500	-52.831	<=-16.668	PASS
		2462	Reference	2.54	2.54	---	PASS
			30~1000	30~1000	-60.191	<=-17.459	PASS
			1000~26500	1000~26500	-52.601	<=-17.459	PASS
11N20SISO	Ant2	2412	Reference	4.30	4.30	---	PASS
			30~1000	30~1000	-57.832	<=-15.697	PASS
			1000~26500	1000~26500	-51.955	<=-15.697	PASS
		2442	Reference	3.37	3.37	---	PASS
			30~1000	30~1000	-57.349	<=-16.63	PASS
			1000~26500	1000~26500	-52.387	<=-16.63	PASS
		2462	Reference	3.11	3.11	---	PASS
			30~1000	30~1000	-58.352	<=-16.886	PASS
			1000~26500	1000~26500	-52.8	<=-16.886	PASS
11N40SISO	Ant2	2422	Reference	-0.14	-0.14	---	PASS
			30~1000	30~1000	-62.565	<=-20.135	PASS
			1000~26500	1000~26500	-53.169	<=-20.135	PASS
		2442	Reference	-1.67	-1.67	---	PASS
			30~1000	30~1000	-53.868	<=-21.665	PASS
			1000~26500	1000~26500	-52.977	<=-21.665	PASS
		2452	Reference	-0.95	-0.95	---	PASS
			30~1000	30~1000	-56.415	<=-20.945	PASS
			1000~26500	1000~26500	-53.268	<=-20.945	PASS



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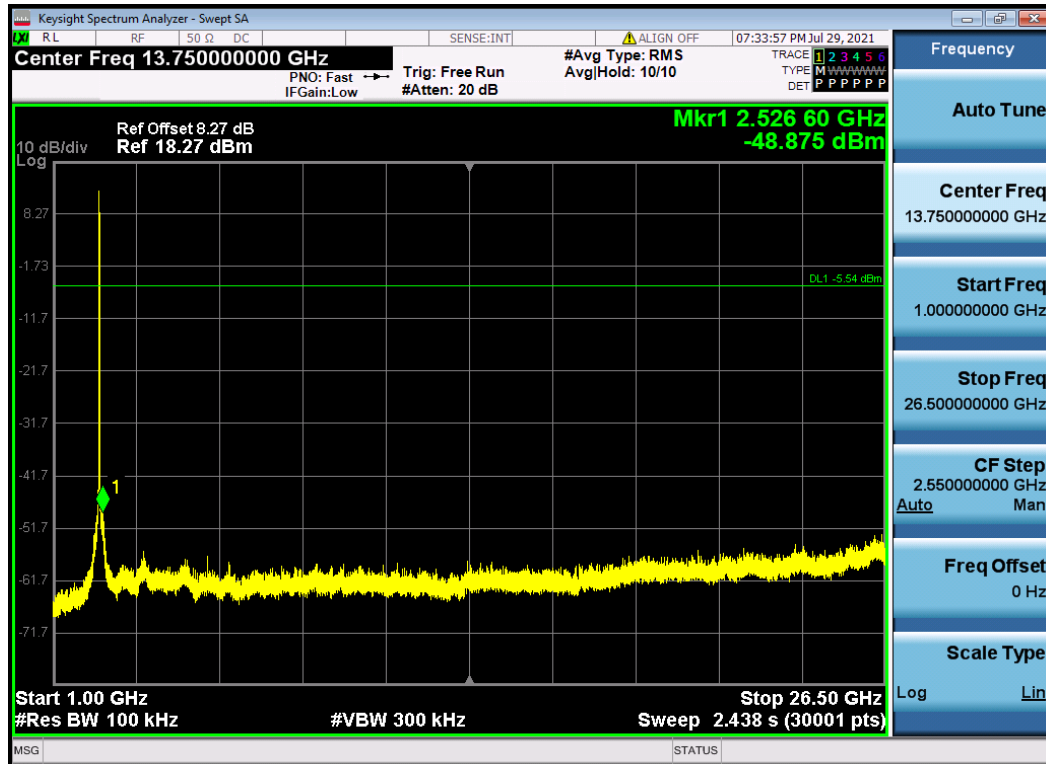
### 8.5.2 Test Graphs



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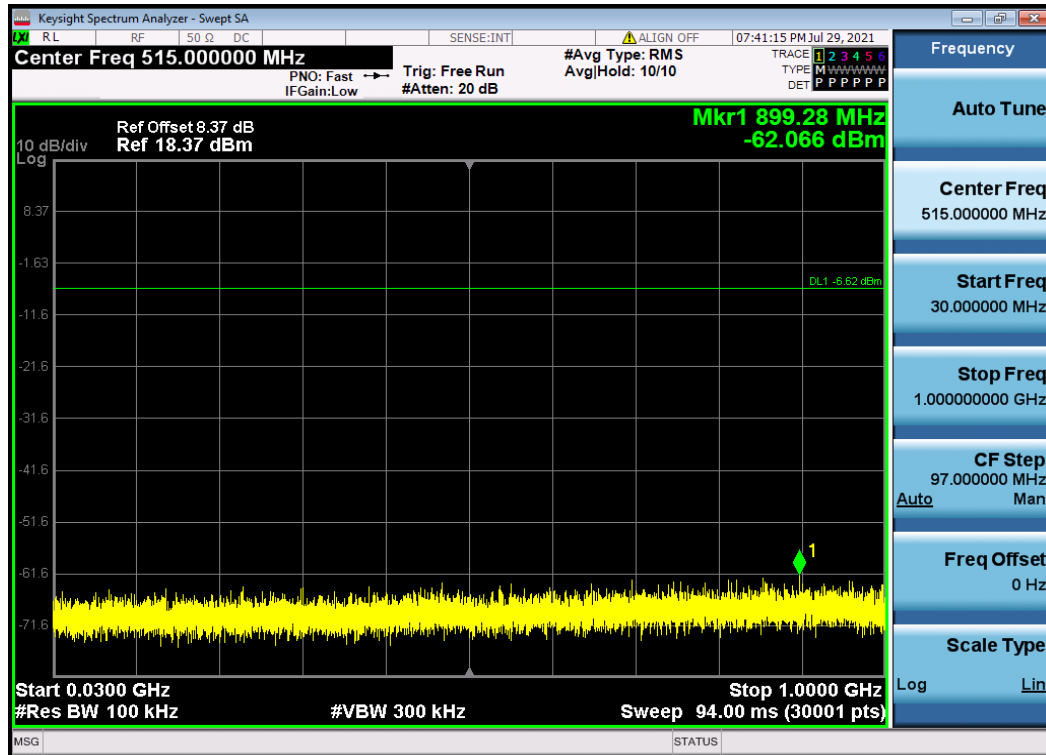
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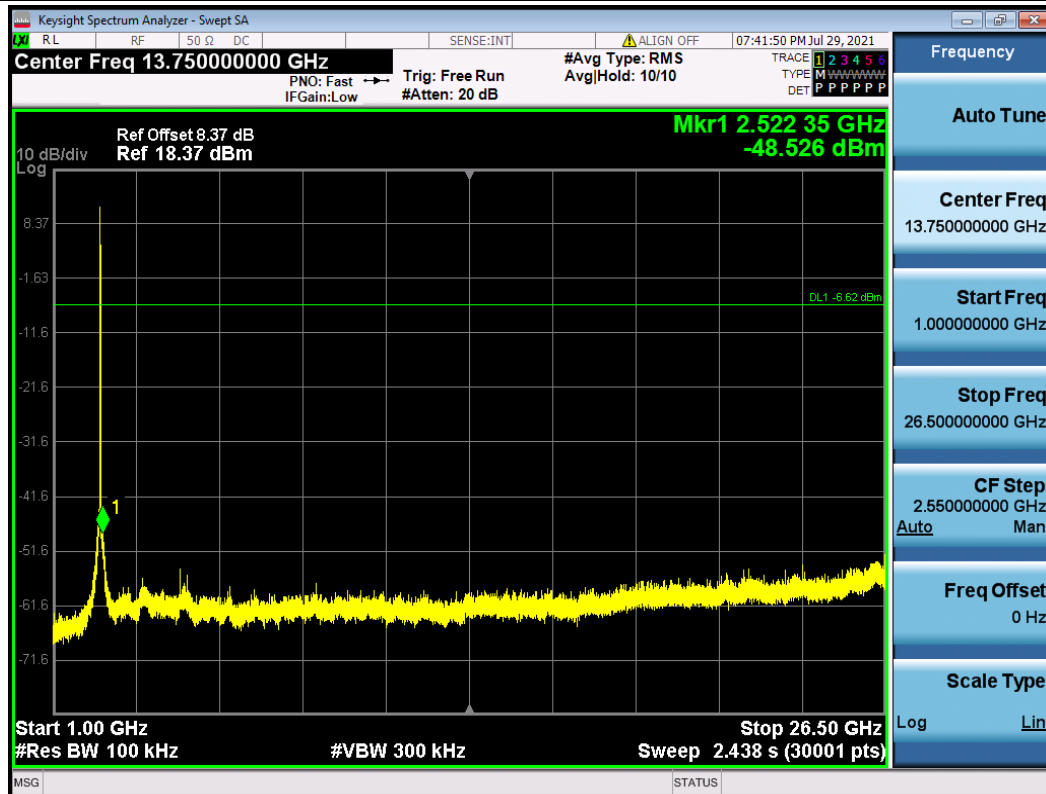
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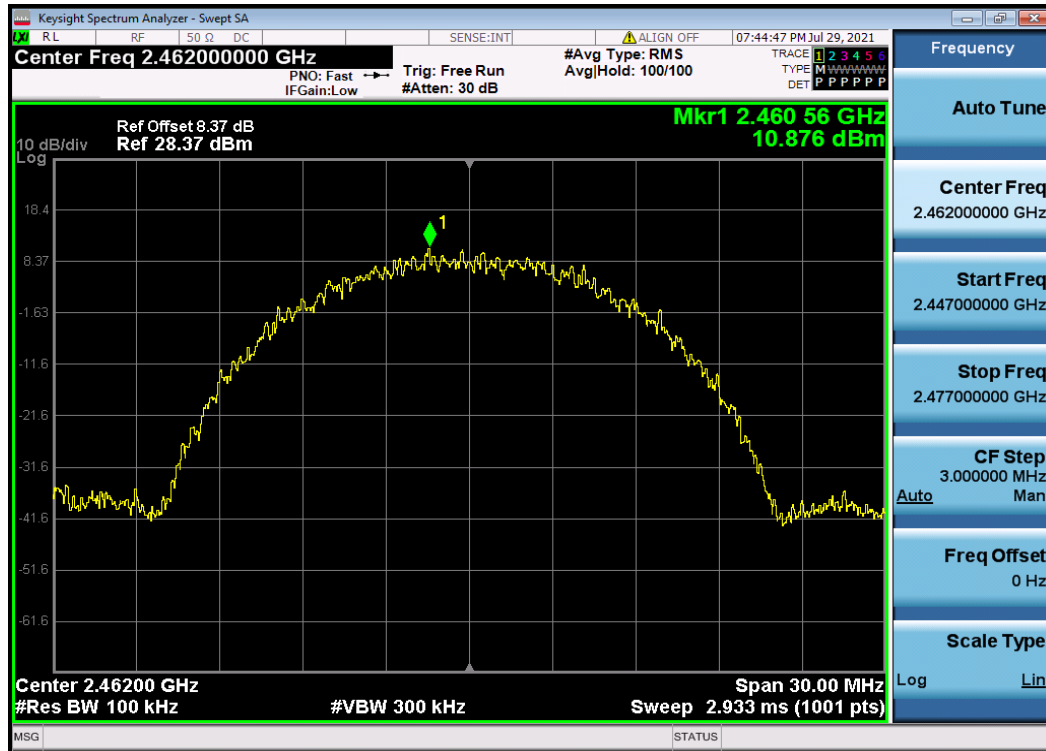
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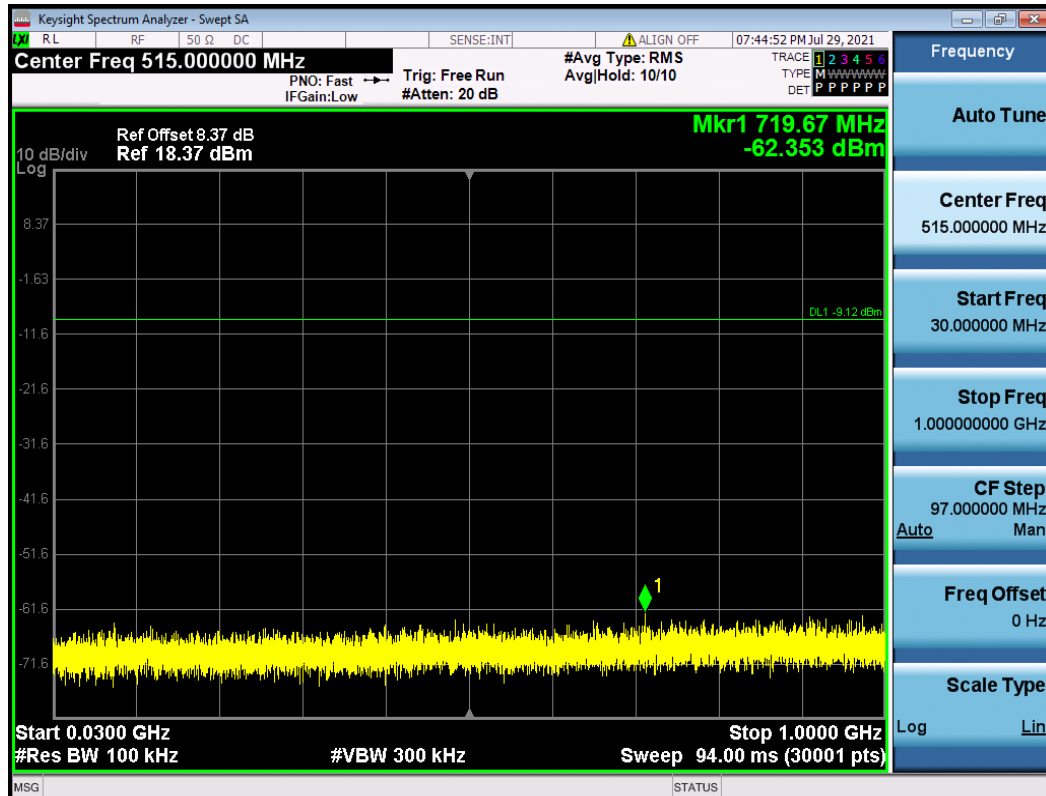
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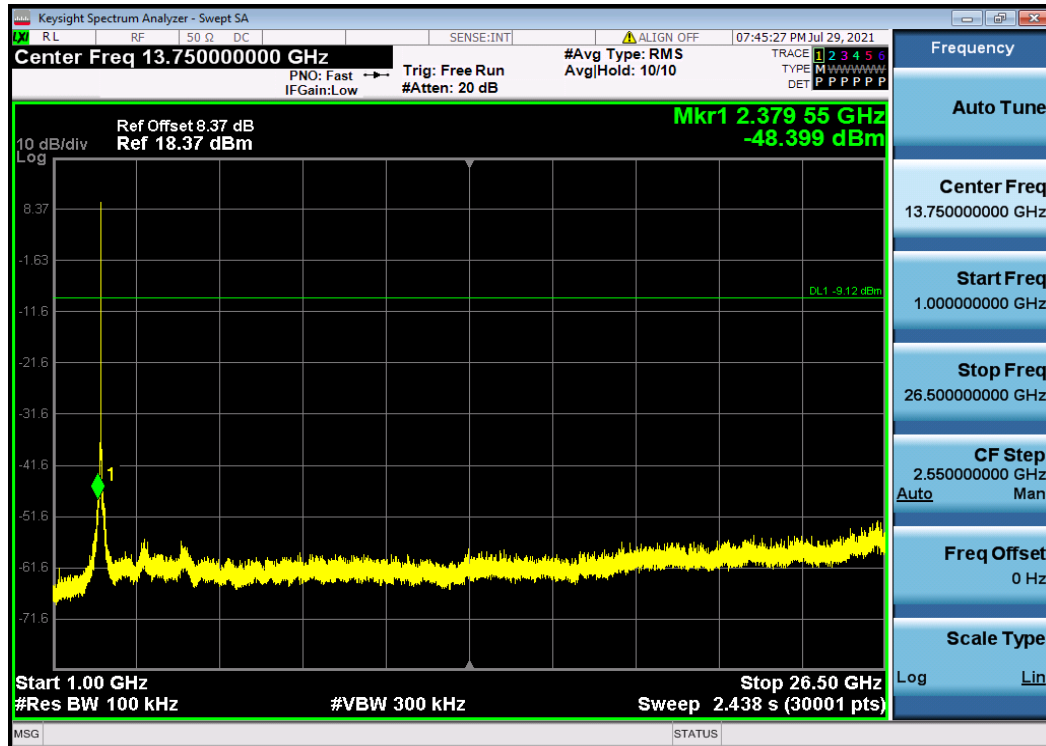
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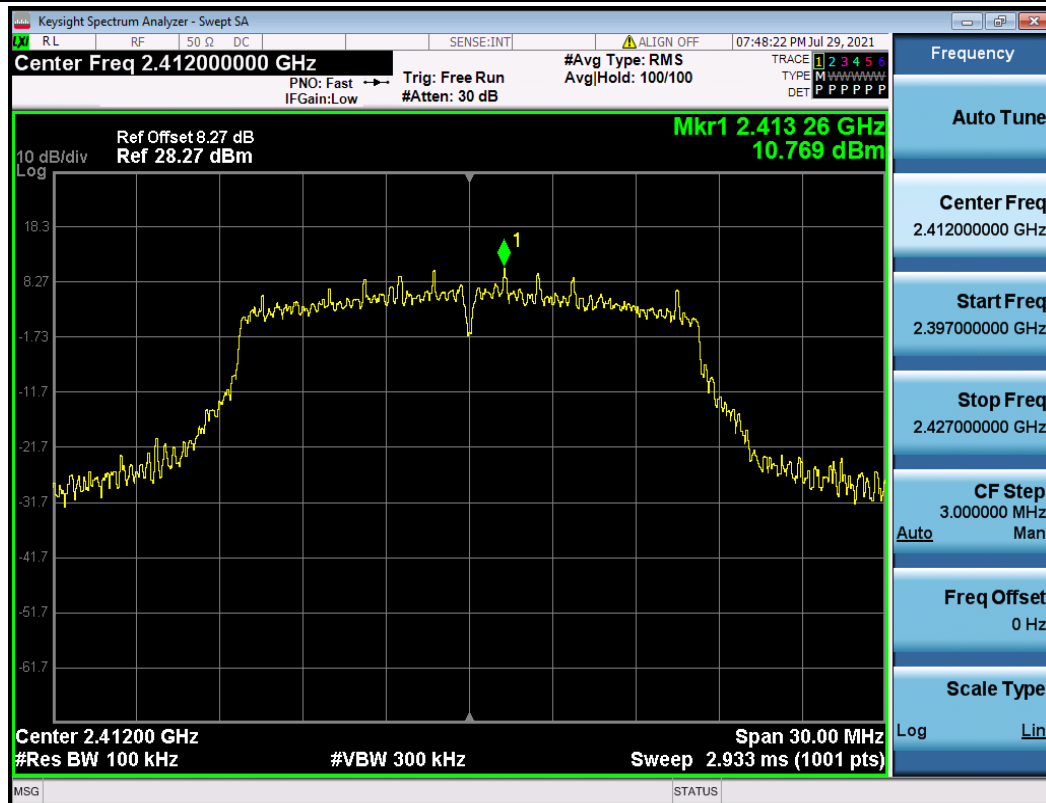
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11B\_Ant1\_2462\_1000~26500



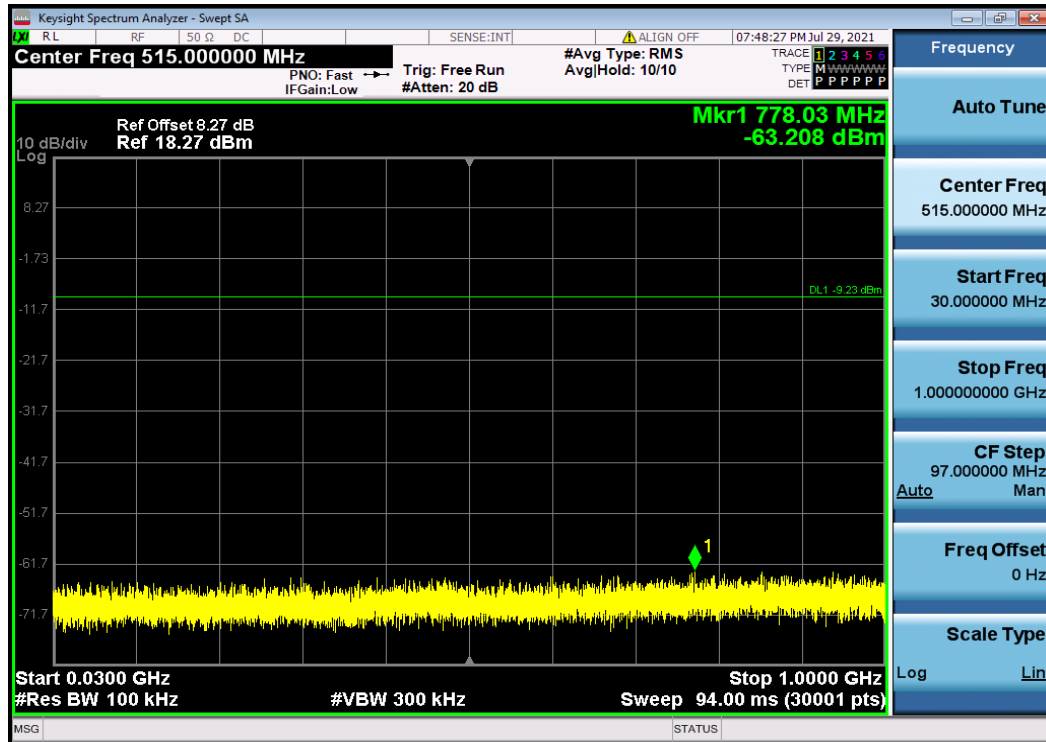
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### 11G\_Ant1\_2412\_30~1000



### 11G\_Ant1\_2412\_1000~26500

