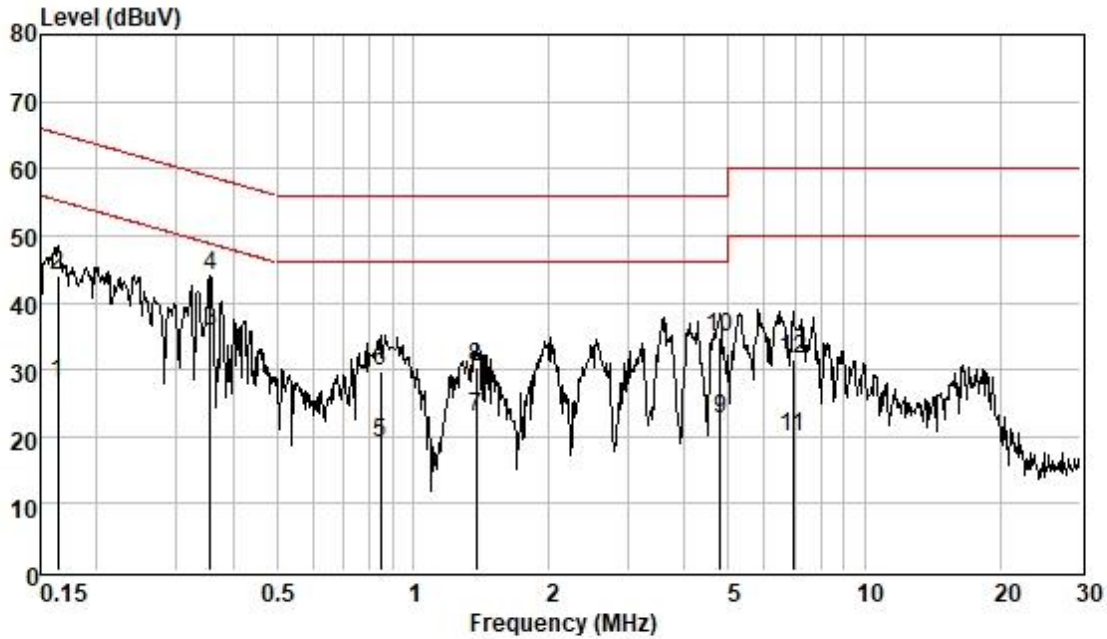


Test Mode: 00; Line: Neutral Line; Modulation:802.11b; Bandwidth:20MHz



Pol : NEUTRAL
Mode :
Model :

Freque _{nc} MHz	Read Level dBuV	Cable Loss dB	LISN Factor dB	Measured Level dBuV	Limit Line dBuV	Over Limit dB	Remark
0.16	18.40	0.06	9.54	28.00	55.25	-27.25	Average
0.16	34.52	0.06	9.54	44.12	65.25	-21.13	QP
0.36	26.20	0.06	9.57	35.83	48.83	-13.00	Average
0.36	34.43	0.06	9.57	44.06	58.83	-14.77	QP
0.85	9.26	0.07	9.59	18.92	46.00	-27.08	Average
0.85	20.20	0.07	9.59	29.86	56.00	-26.14	QP
1.38	13.11	0.09	9.59	22.79	46.00	-23.21	Average
1.38	20.67	0.09	9.59	30.35	56.00	-25.65	QP
4.80	12.63	0.18	9.65	22.46	46.00	-23.54	Average
4.80	24.88	0.18	9.65	34.71	56.00	-21.29	QP
6.95	10.07	0.20	9.75	20.02	50.00	-29.98	Average
6.95	21.66	0.20	9.75	31.61	60.00	-28.39	QP



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9 Test Setup Photo

Refer to Appendix_Test Setup Photo for GZCR220100014002



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10 EUT Constructional Details (EUT Photos)

Refer to External and Internal Photos for GZCR2201000140HS



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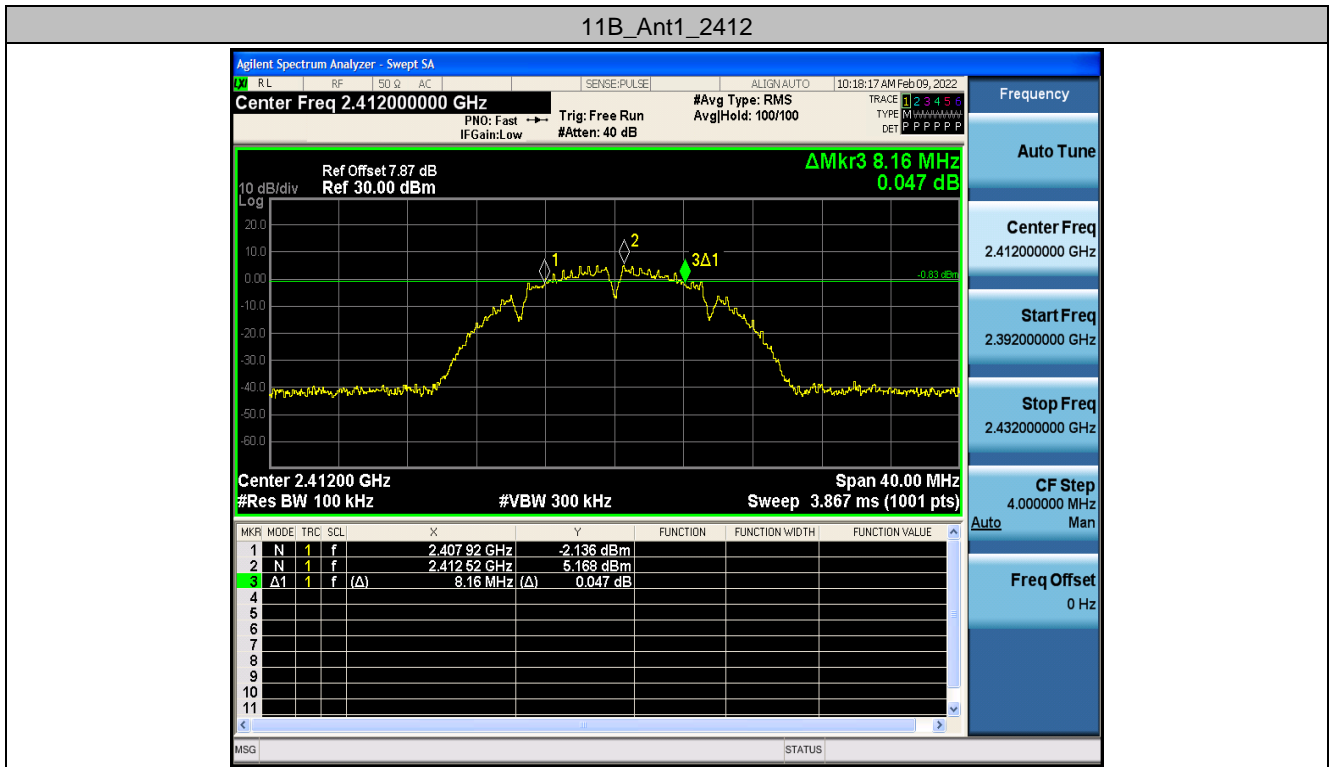
11 Appendix

11.1 Appendix A: DTS Bandwidth

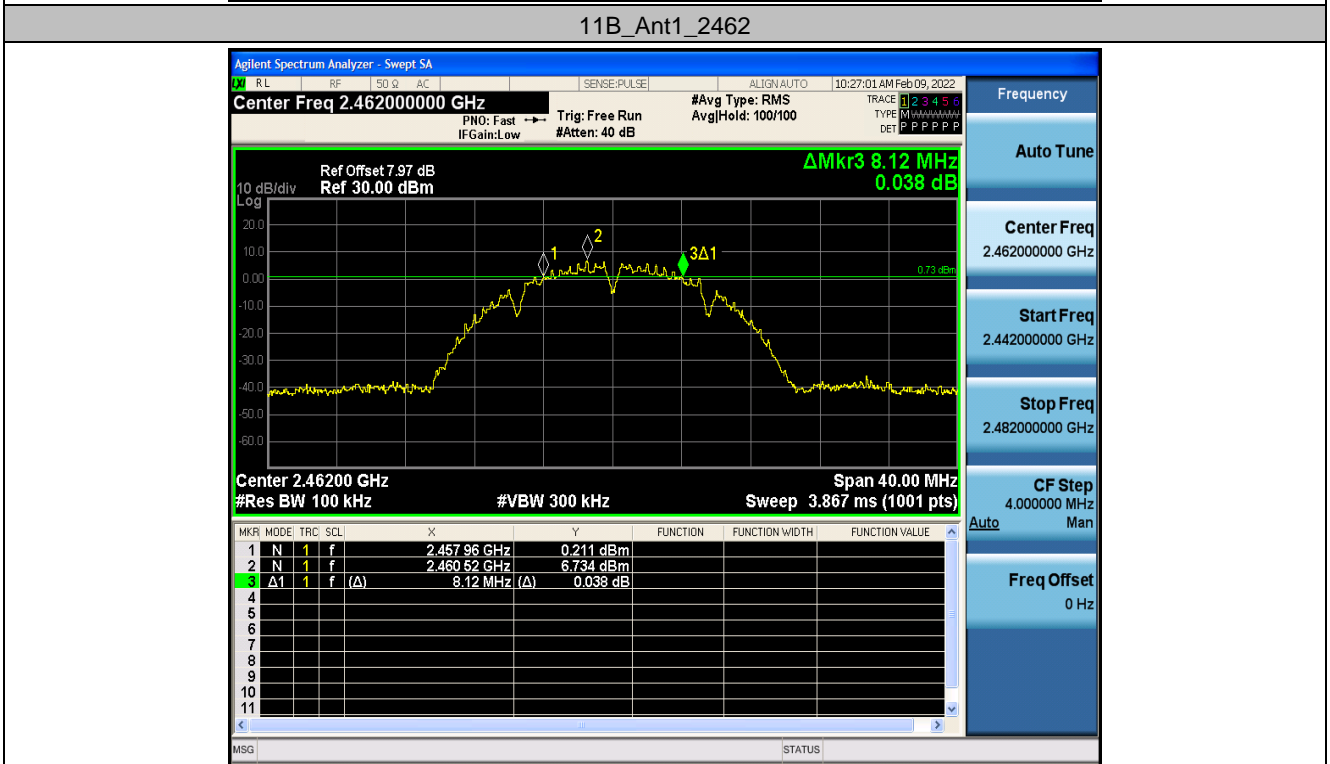
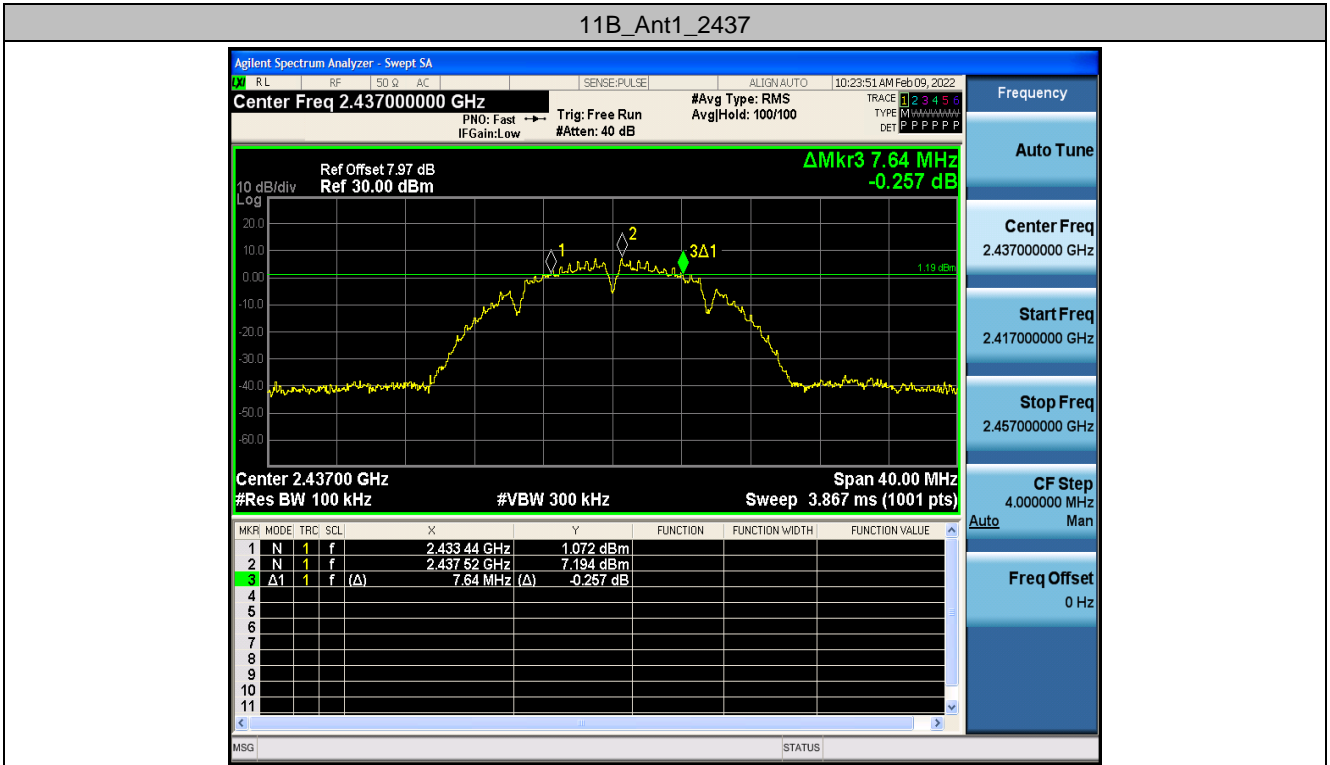
11.1.1 Test Result

TestMode	Antenna	Channel	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	8.160	2407.920	2416.080	>=0.5	PASS
		2437	7.640	2433.440	2441.080	>=0.5	PASS
		2462	8.120	2457.960	2466.080	>=0.5	PASS
11G	Ant1	2412	16.440	2403.800	2420.240	>=0.5	PASS
		2437	16.440	2428.800	2445.240	>=0.5	PASS
		2462	16.400	2453.800	2470.200	>=0.5	PASS
11N20SISO	Ant1	2412	17.400	2403.440	2420.840	>=0.5	PASS
		2437	17.640	2428.200	2445.840	>=0.5	PASS
		2462	17.600	2453.200	2470.800	>=0.5	PASS

11.1.2 Test Graphs



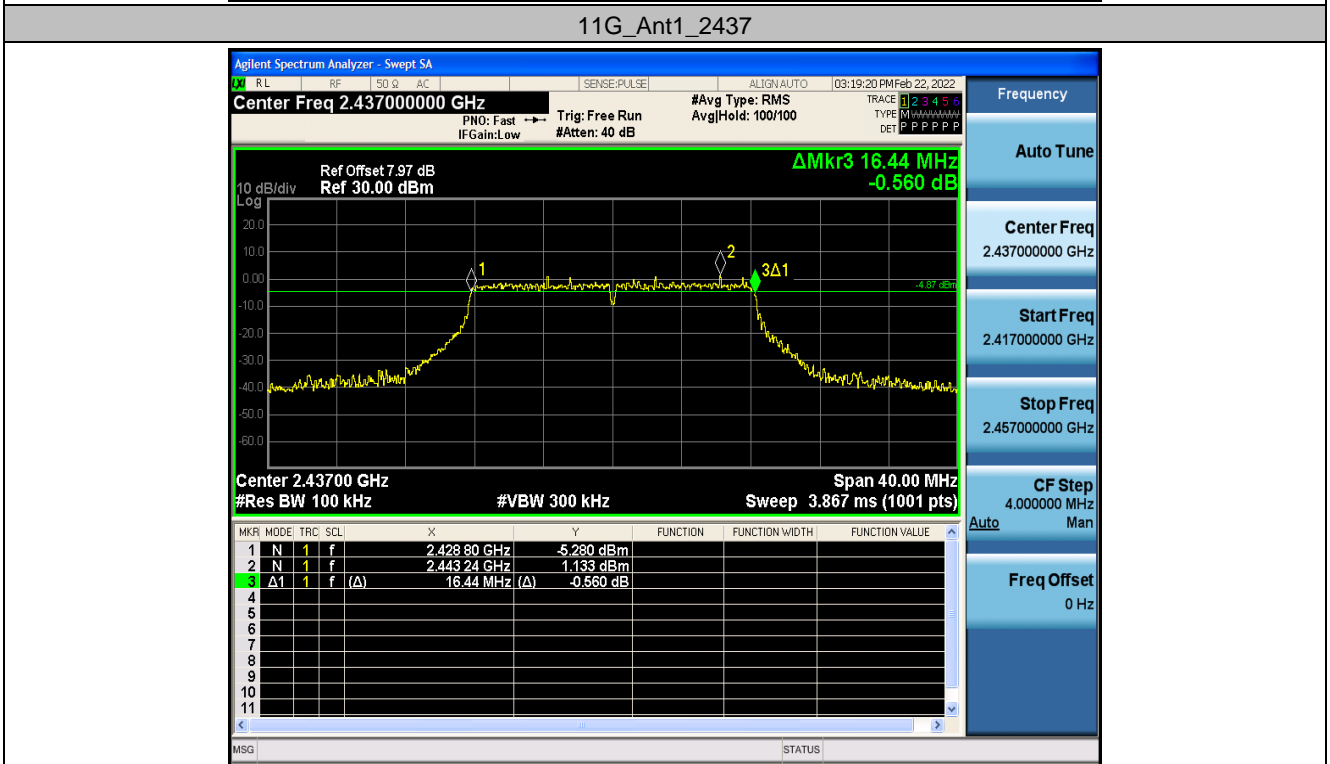
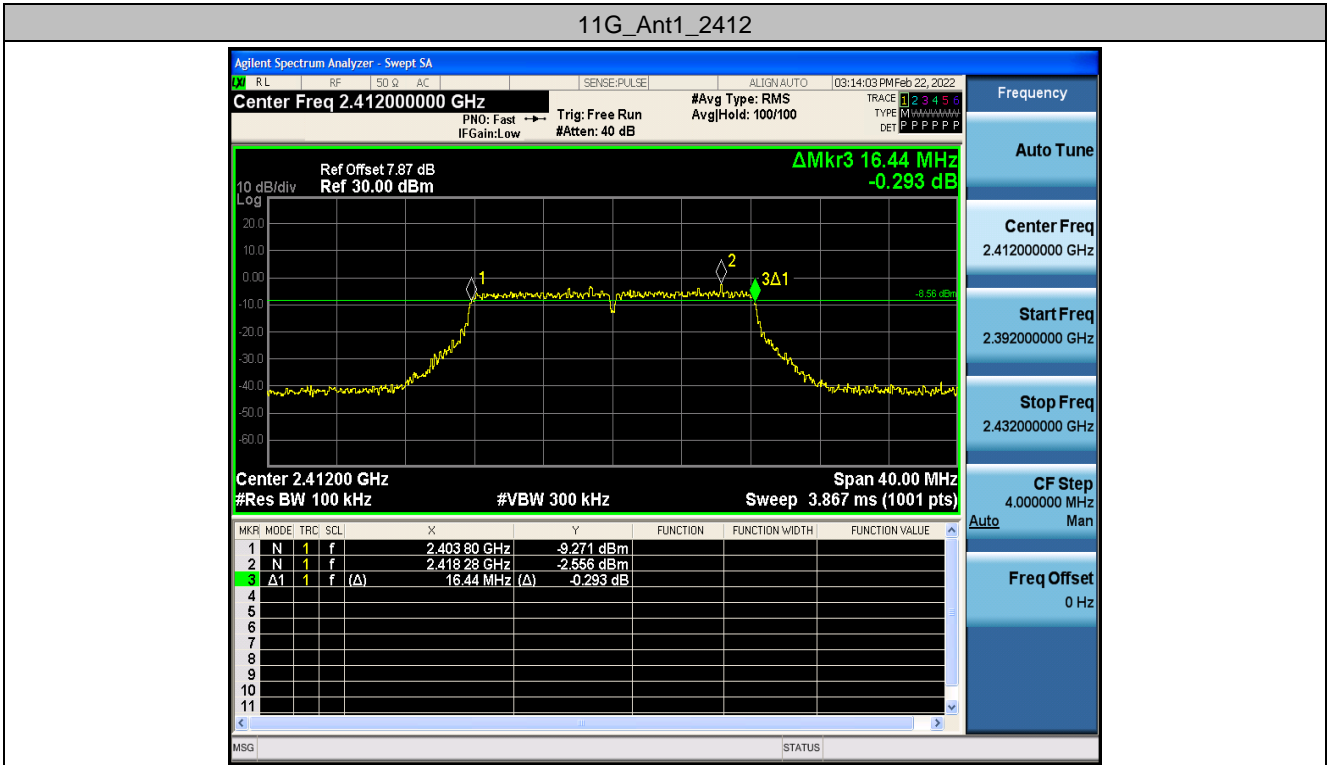
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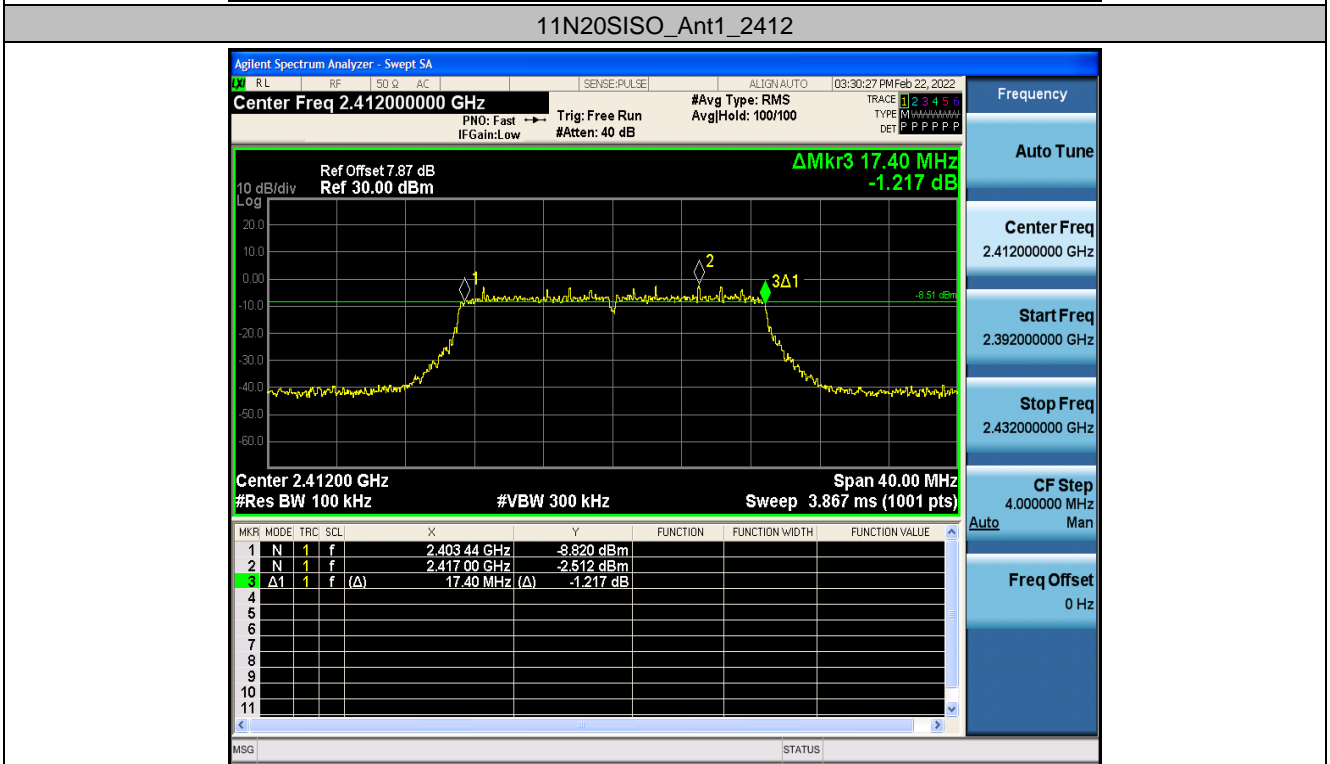
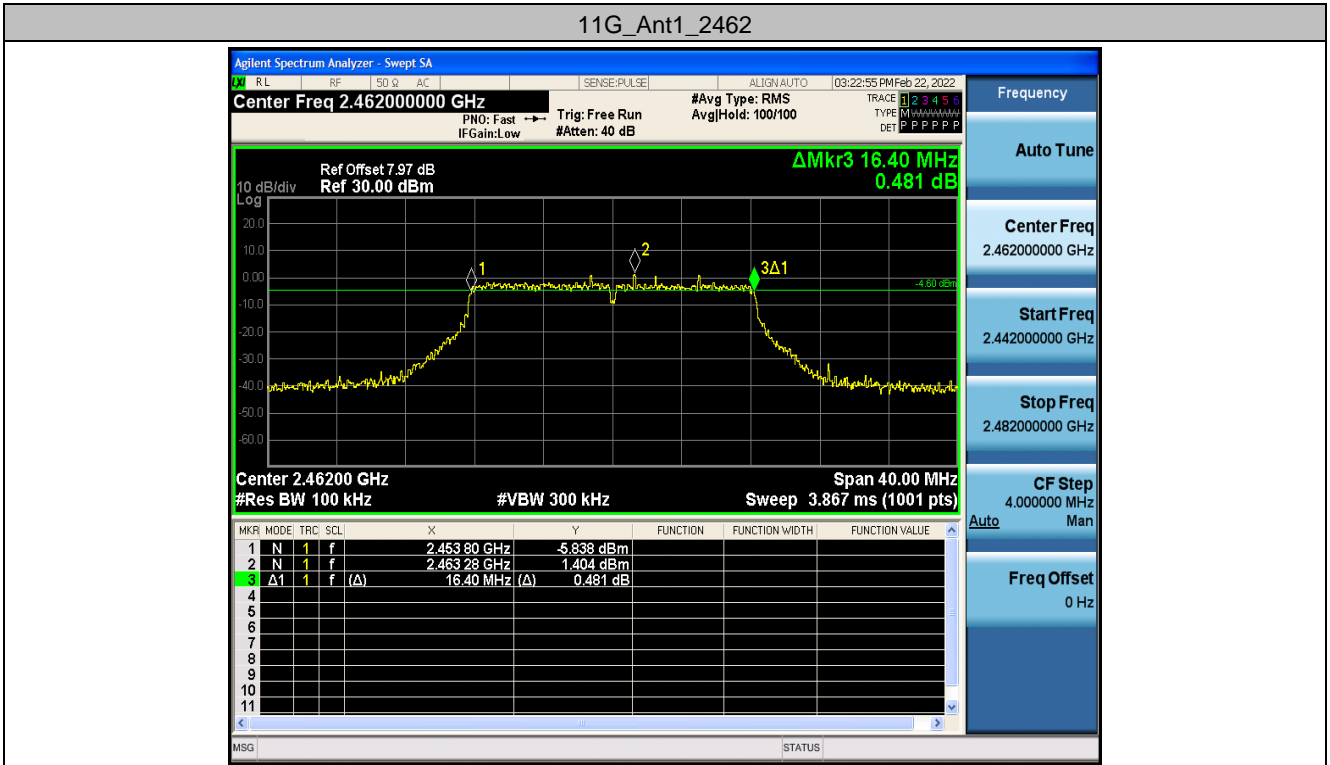
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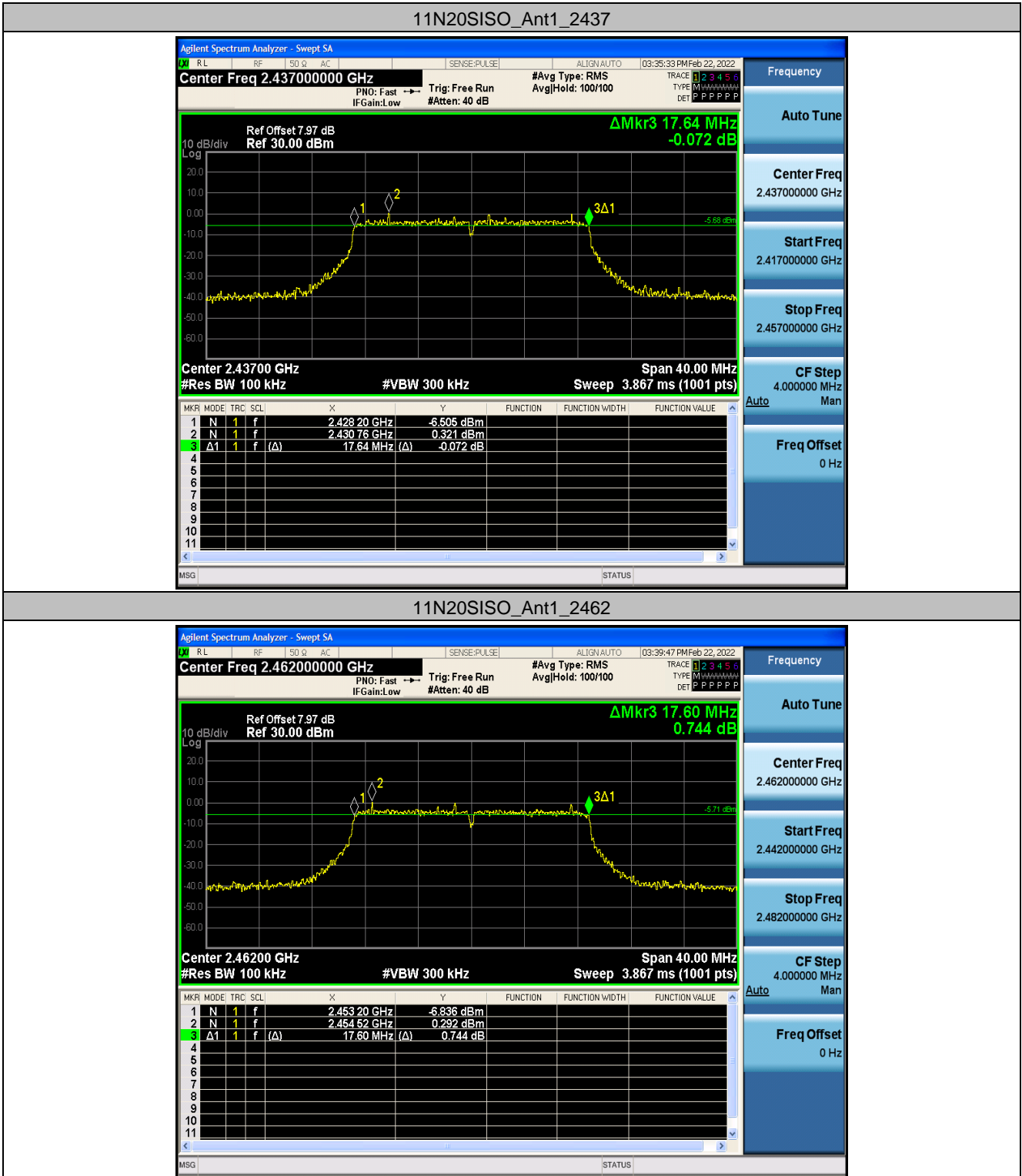
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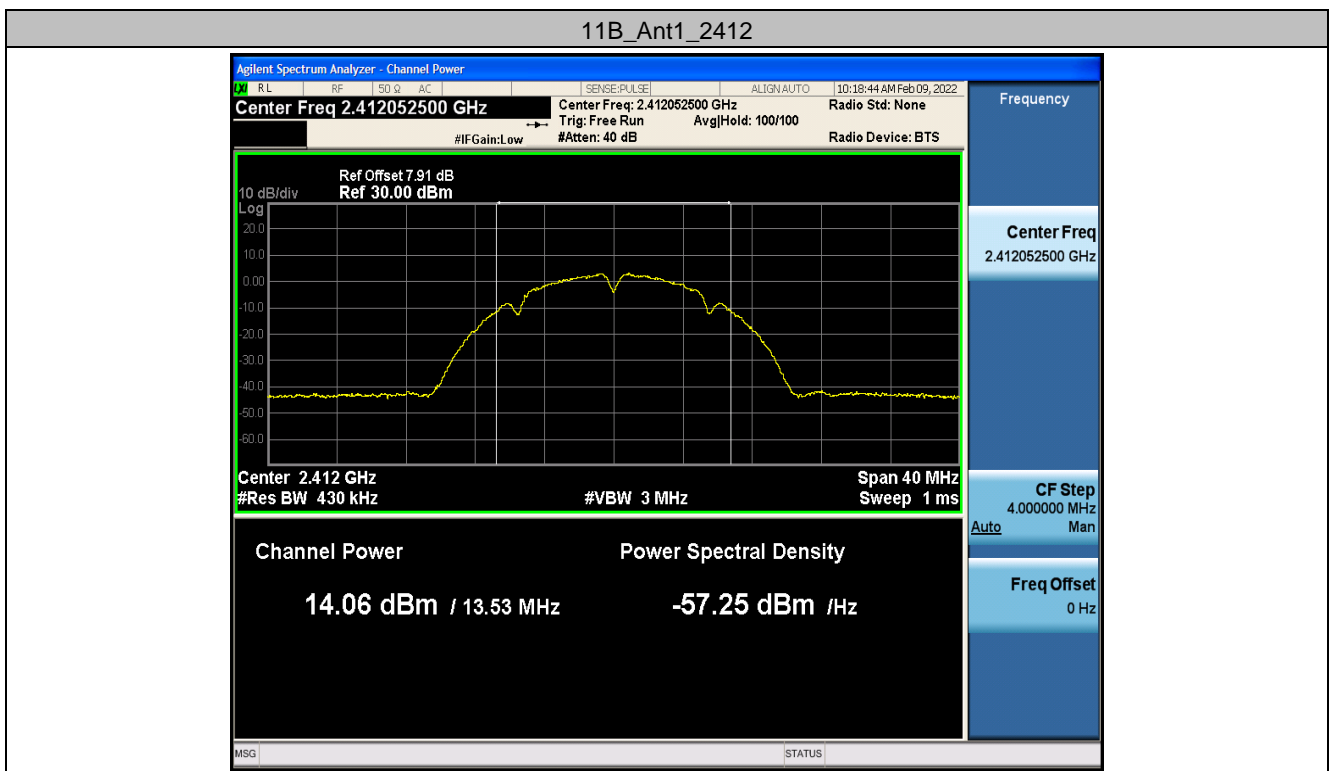
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11.2 Appendix B: Maximum conducted output power

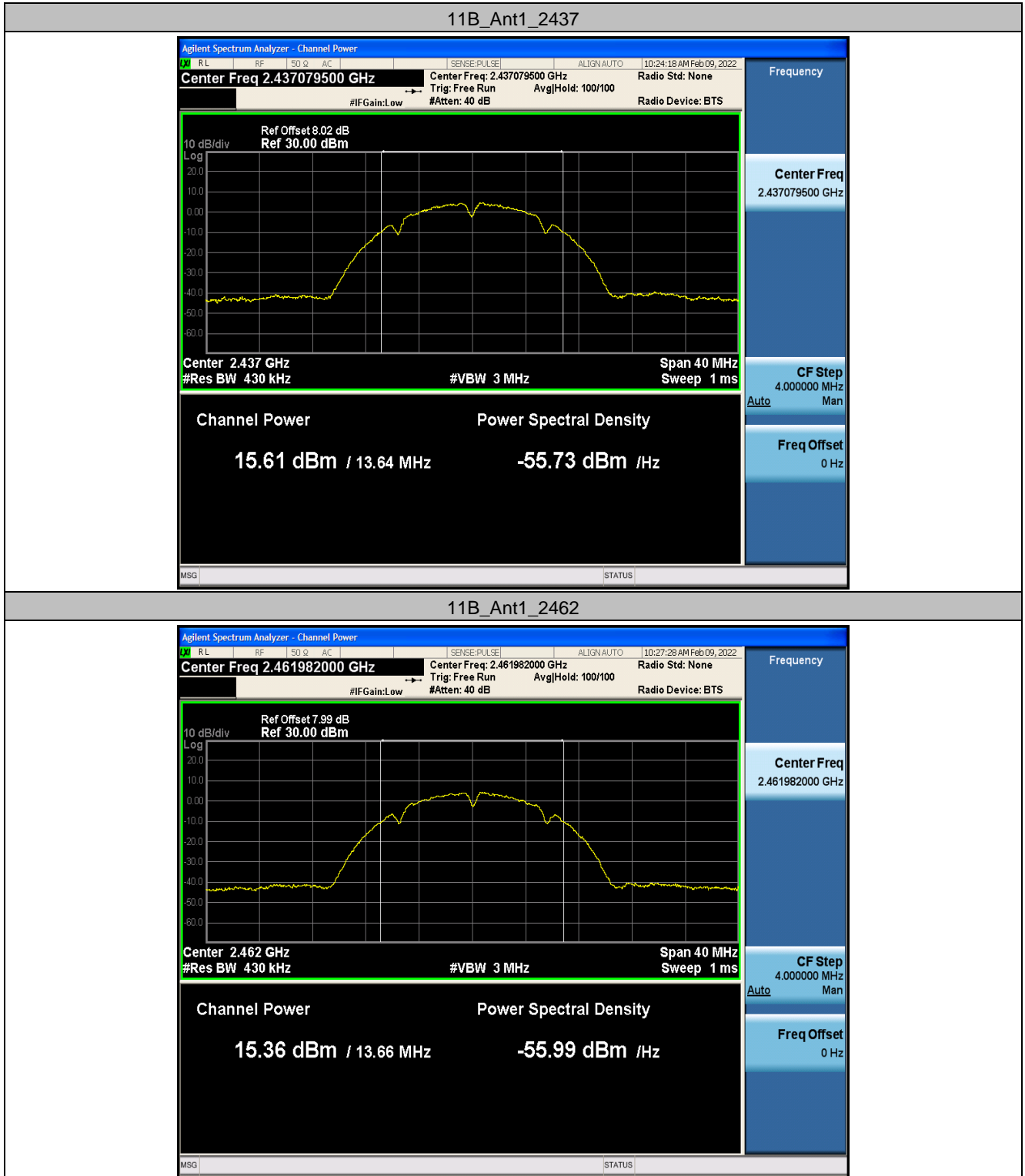
11.2.1 Test Result

TestMode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	2412	14.06	<=30	PASS
		2437	15.61	<=30	PASS
		2462	15.36	<=30	PASS
11G	Ant1	2412	9.46	<=30	PASS
		2437	13.12	<=30	PASS
		2462	12.47	<=30	PASS
11N20SISO	Ant1	2412	8.69	<=30	PASS
		2437	11.59	<=30	PASS
		2462	11.40	<=30	PASS

11.2.2 Test Graphs



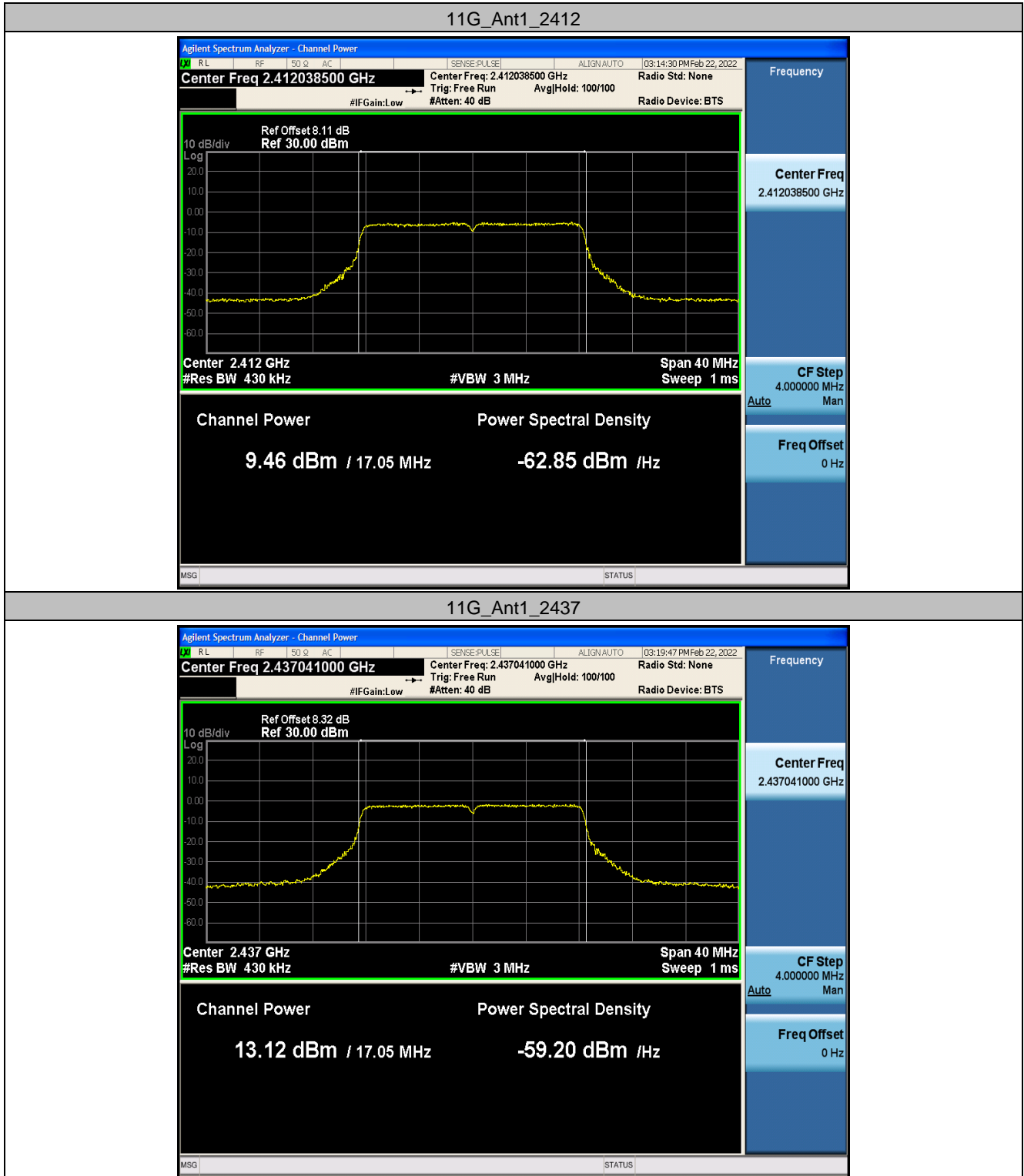
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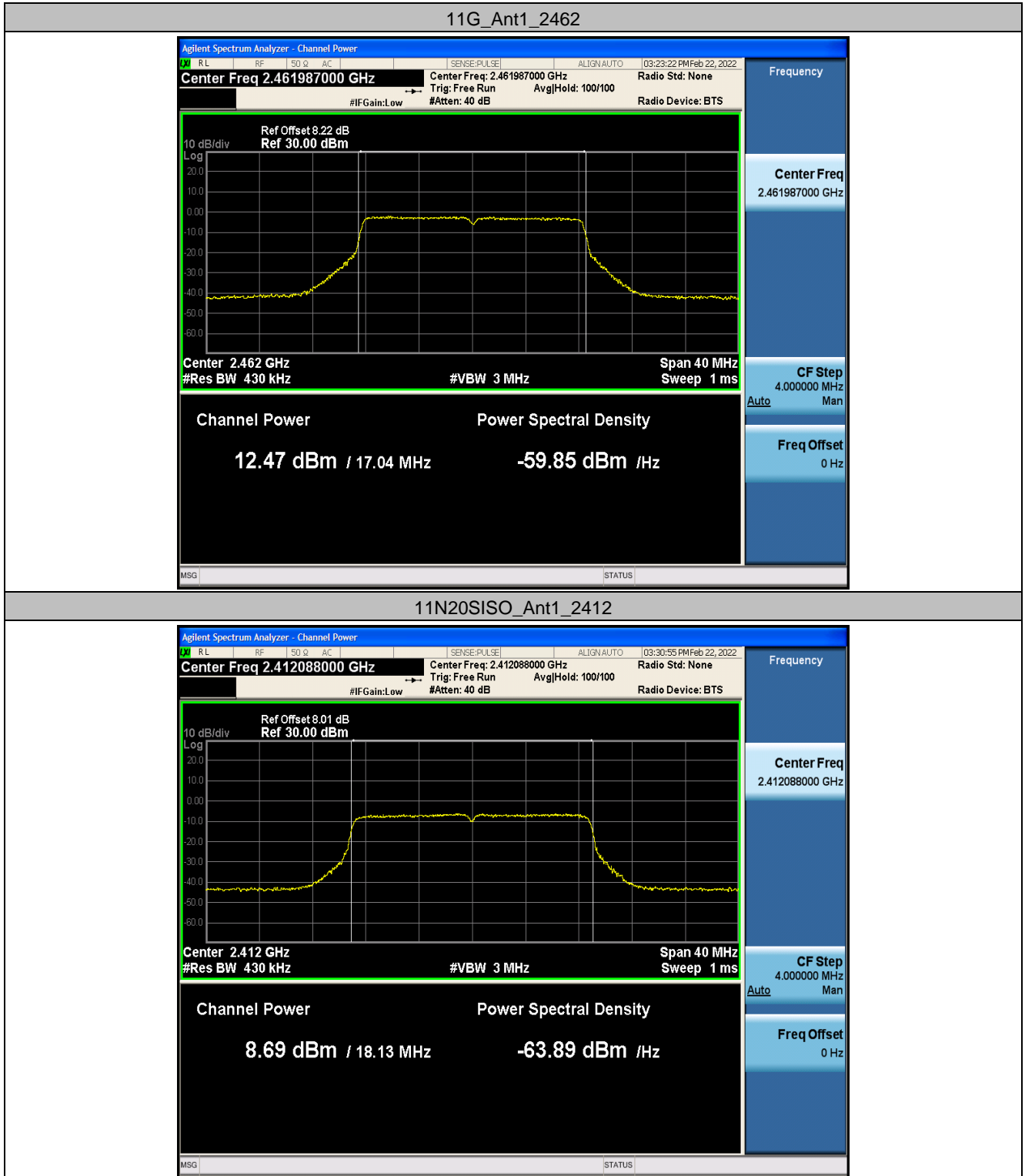
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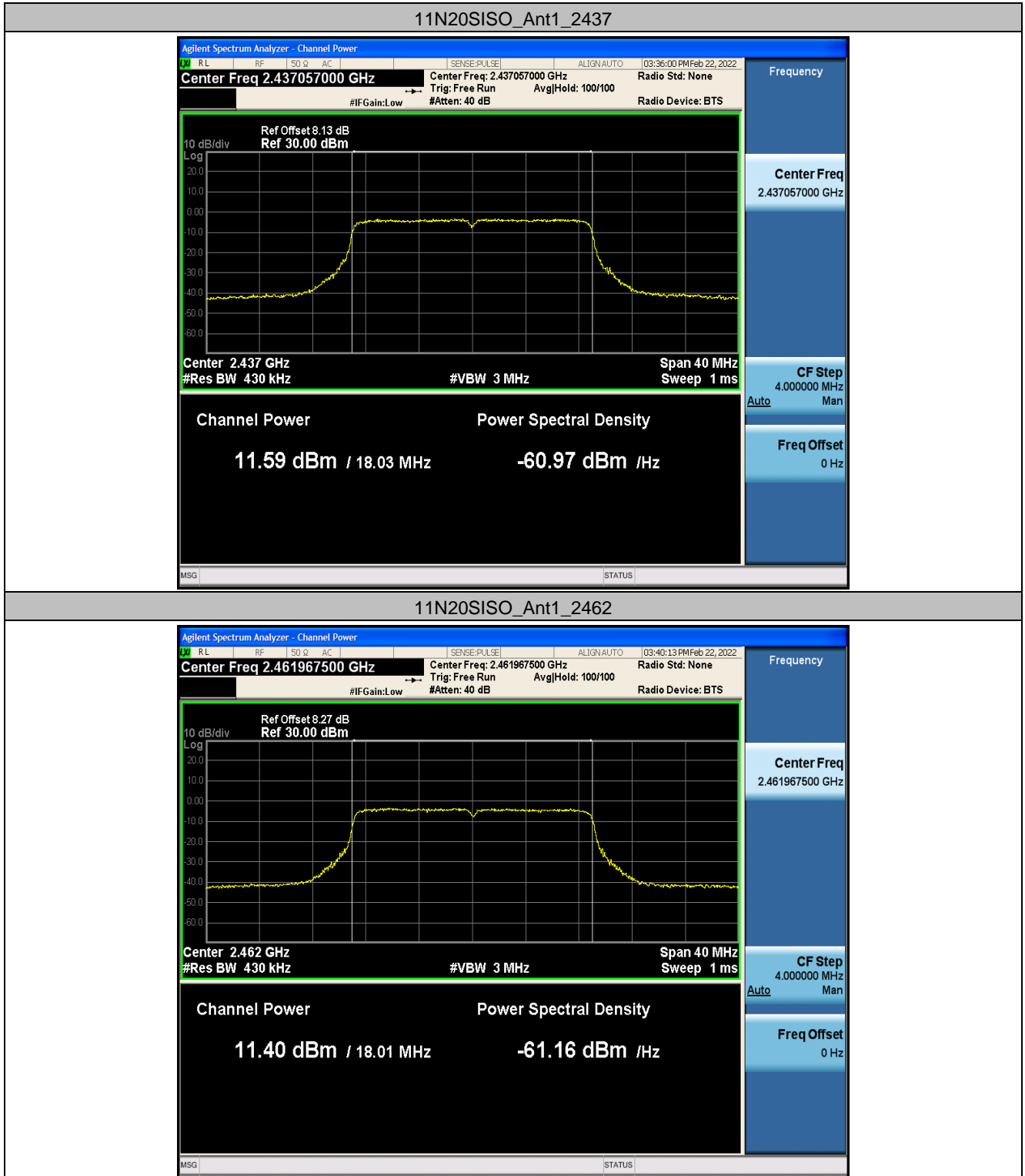
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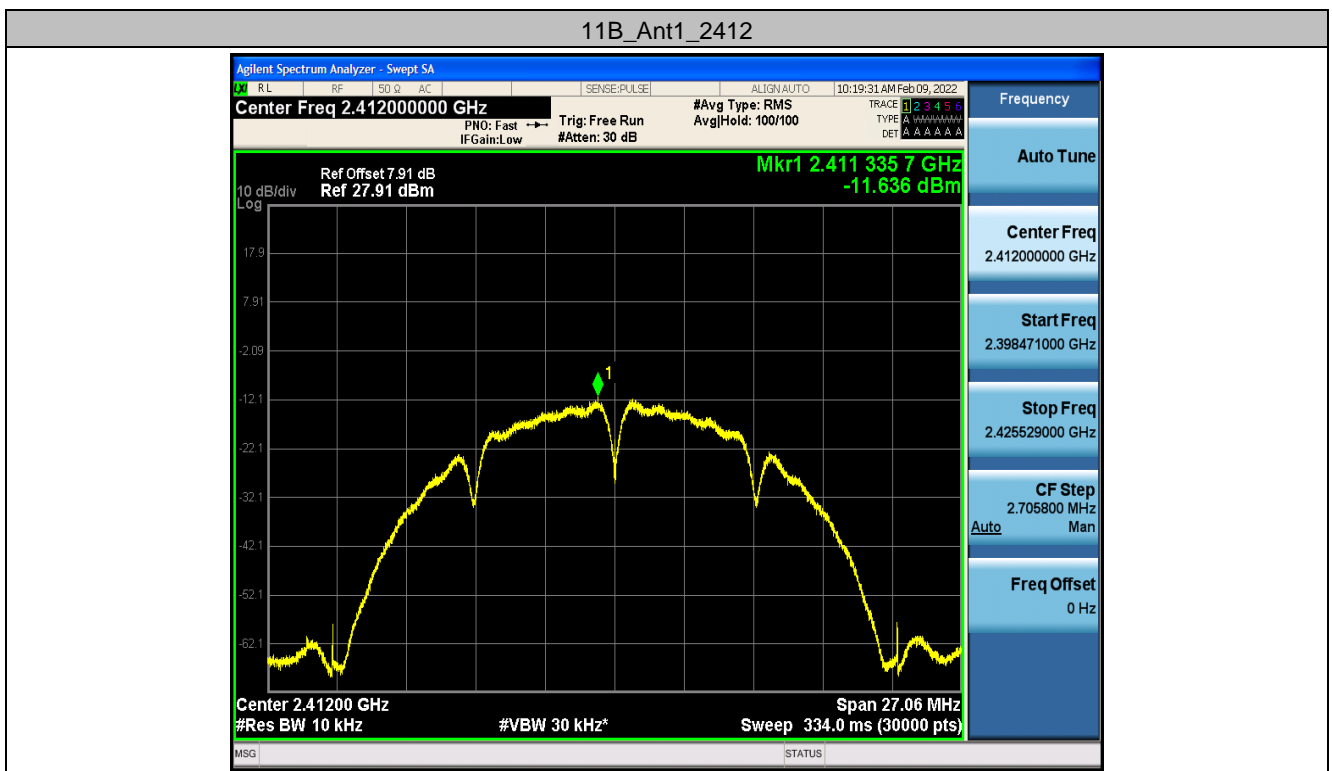
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11.3 Appendix C: Maximum power spectral density

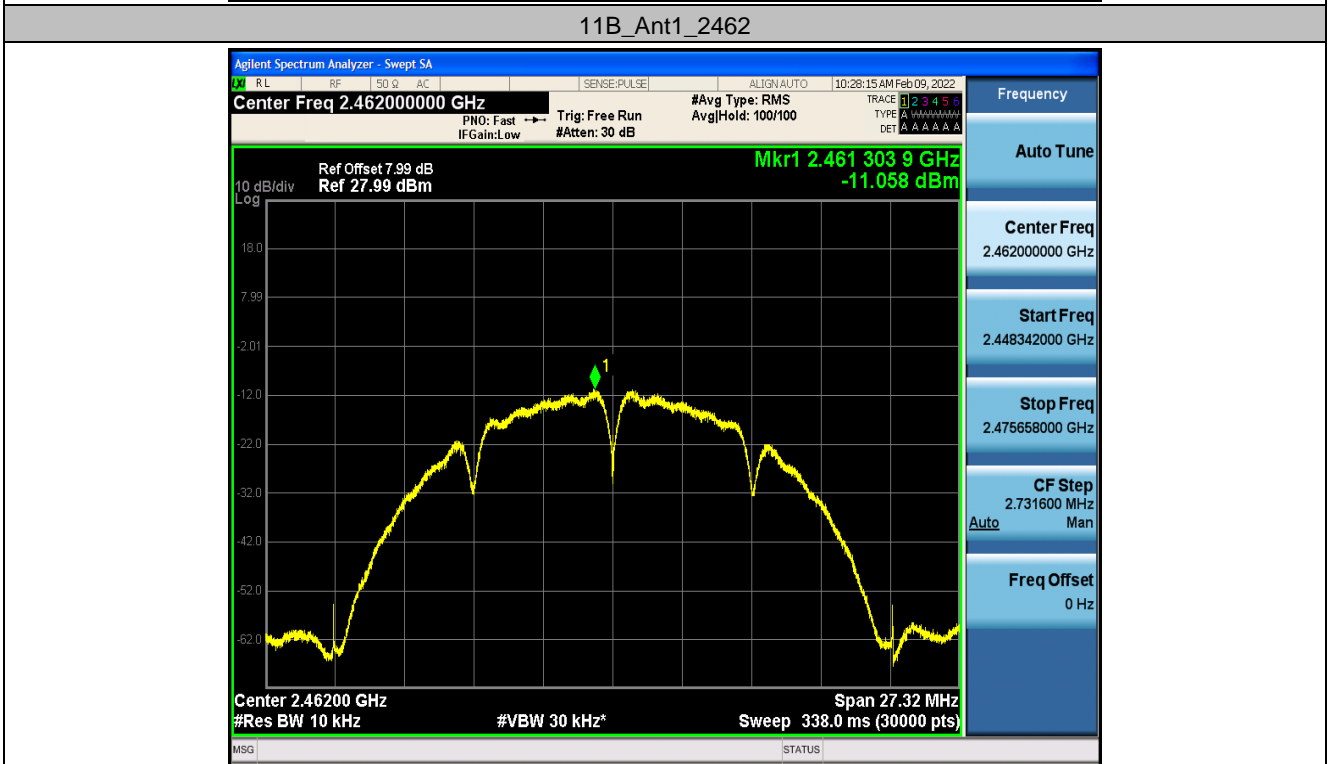
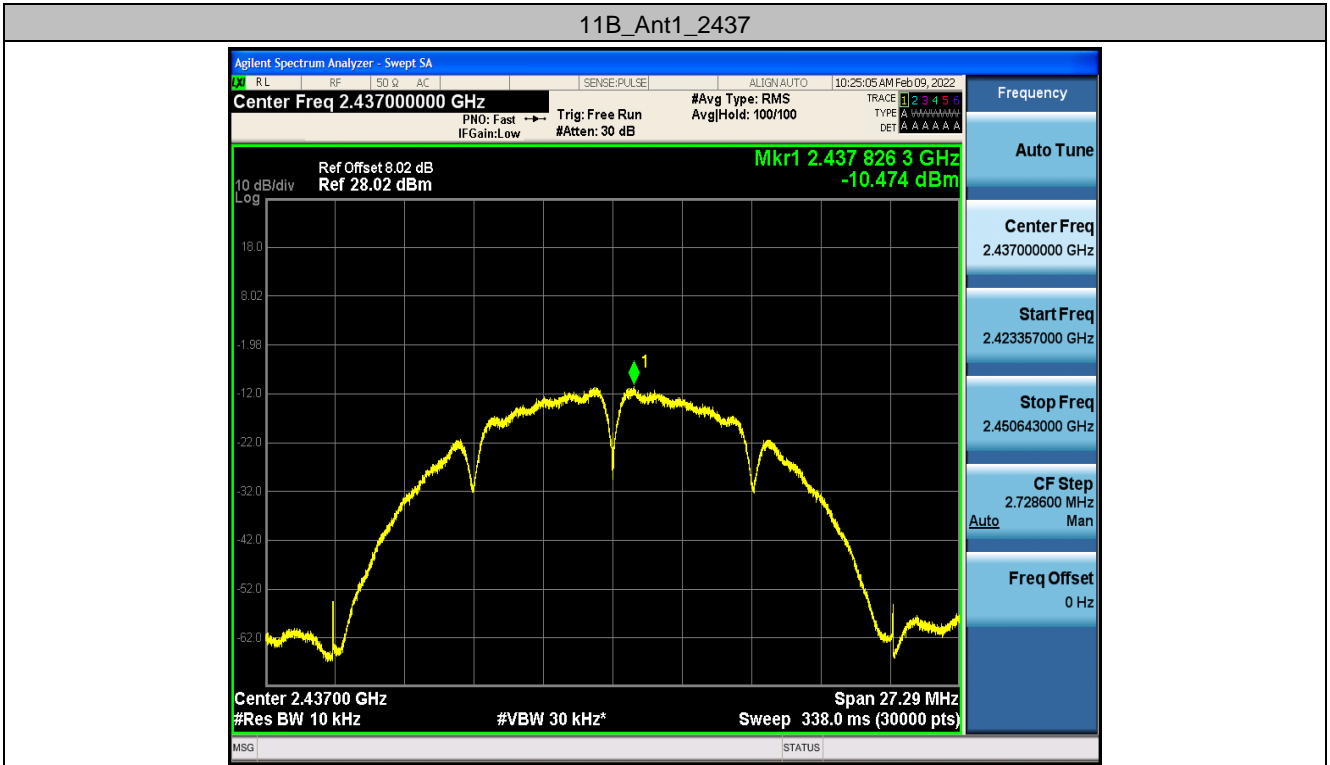
11.3.1 Test Result

TestMode	Antenna	Channel	Result[dBm/3-100kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-11.64	<=8	PASS
		2437	-10.47	<=8	PASS
		2462	-11.06	<=8	PASS
11G	Ant1	2412	-18.29	<=8	PASS
		2437	-14.8	<=8	PASS
		2462	-15.65	<=8	PASS
11N20SISO	Ant1	2412	-18.27	<=8	PASS
		2437	-16.56	<=8	PASS
		2462	-16.63	<=8	PASS

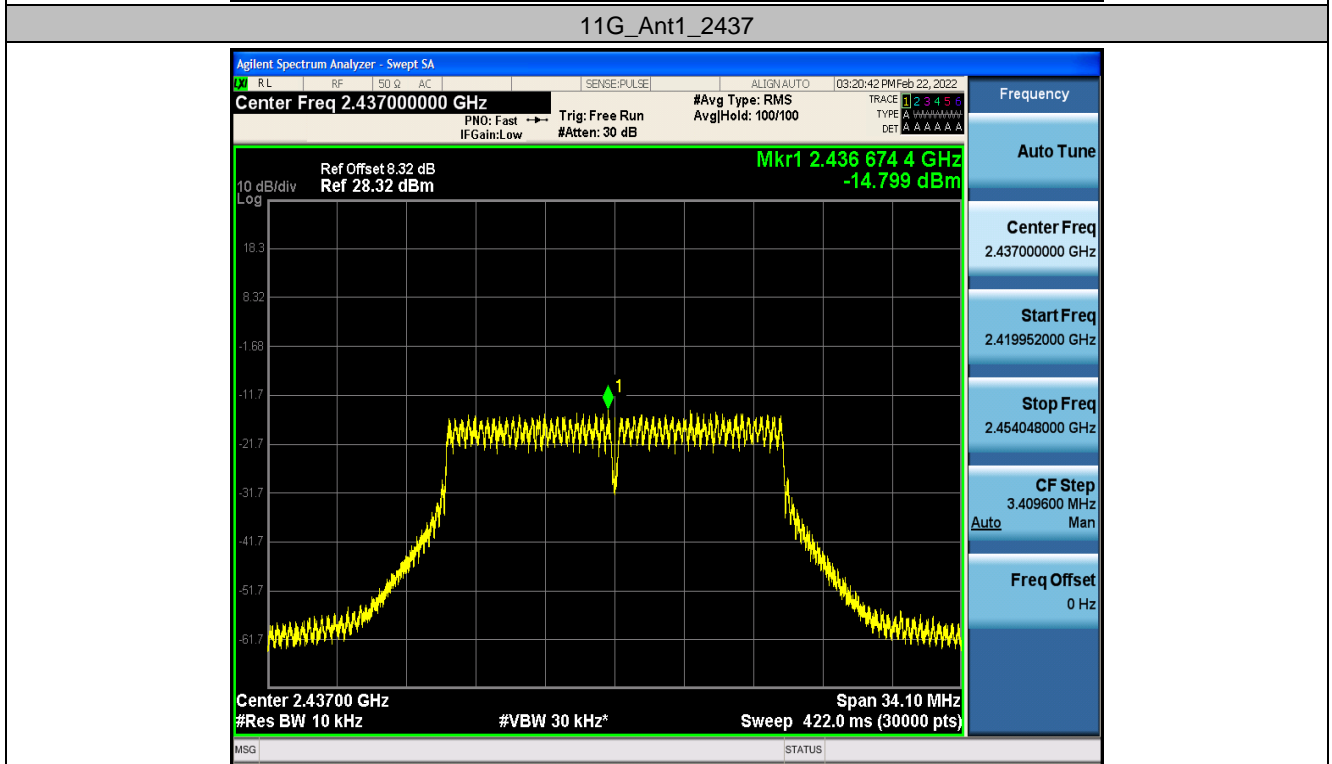
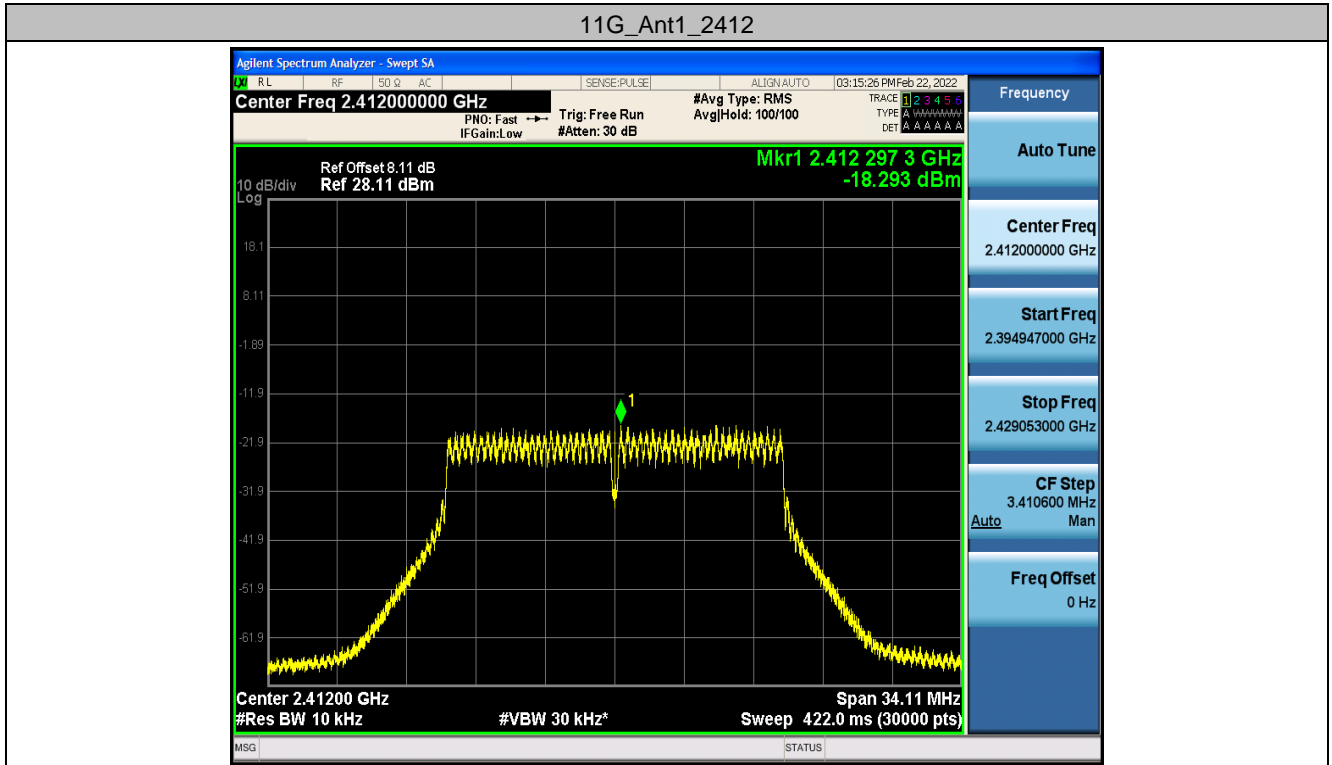
11.3.2 Test Graphs



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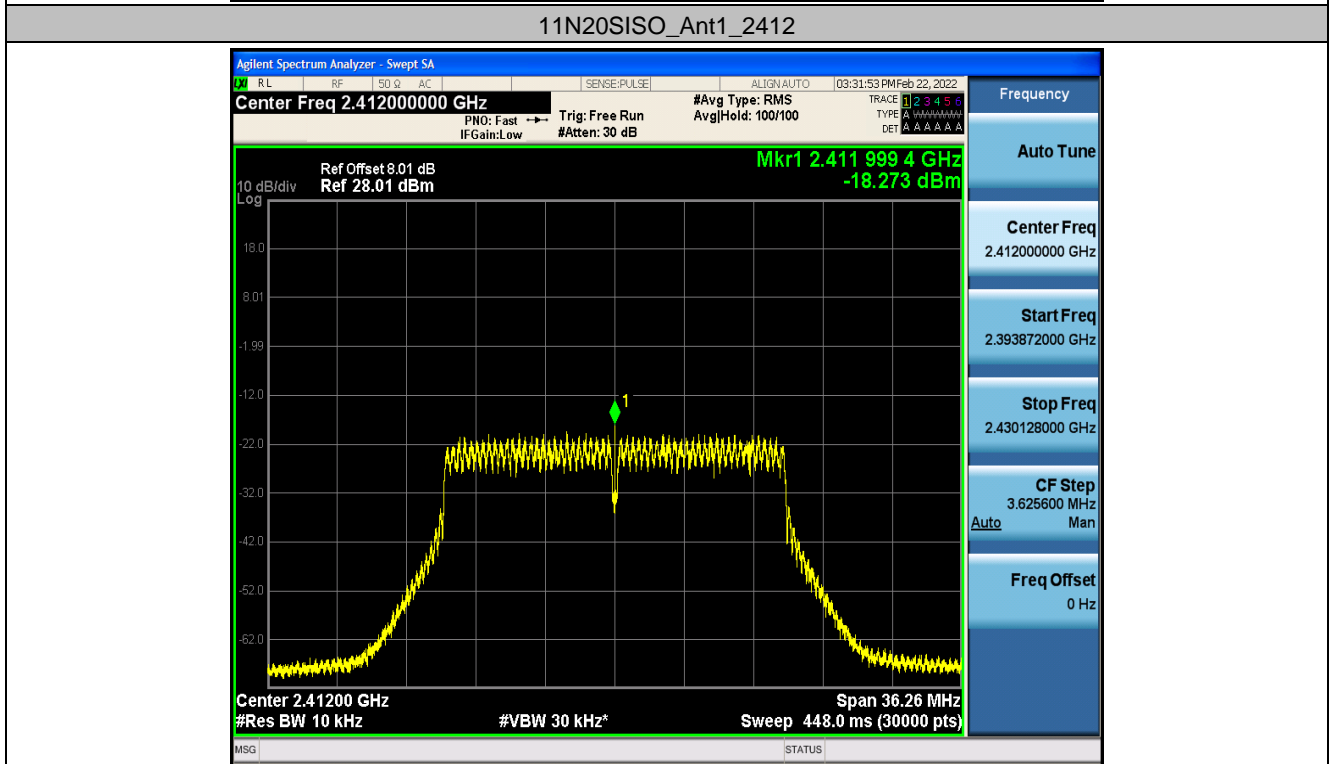
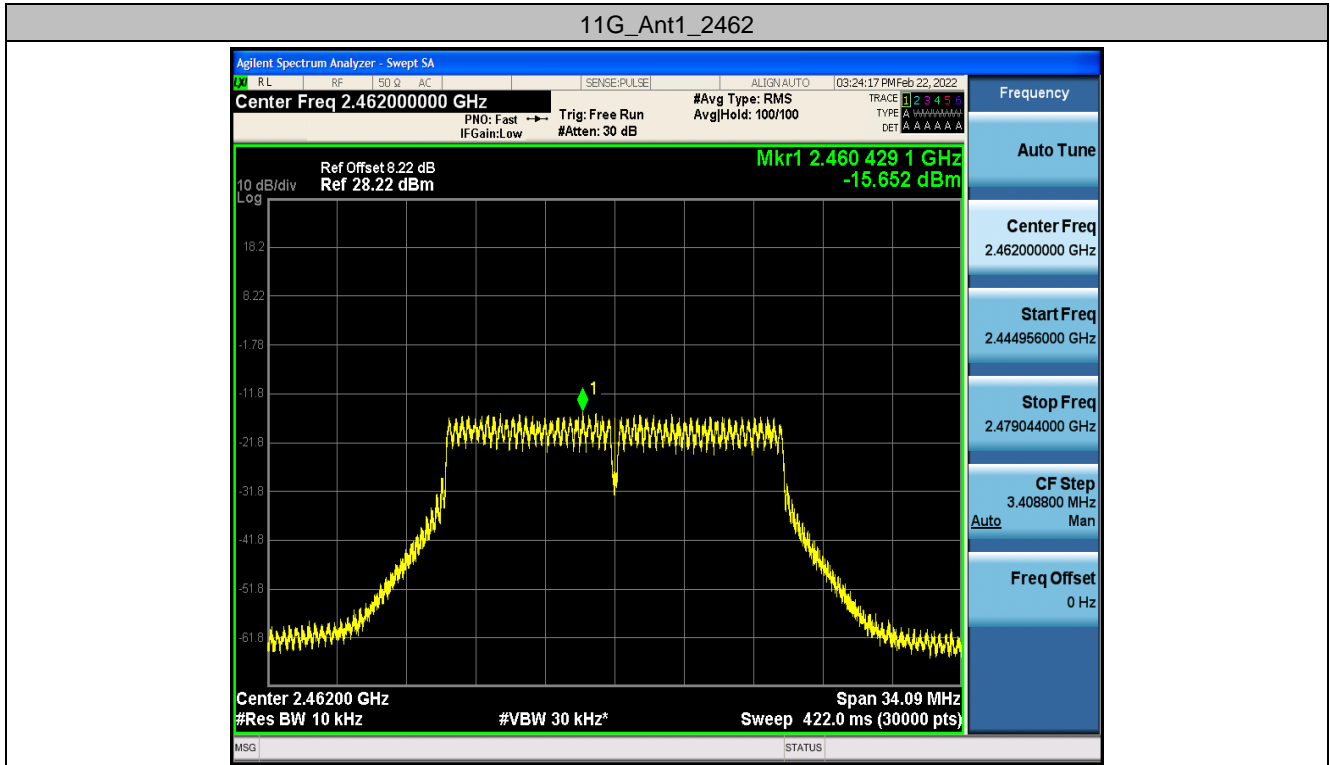
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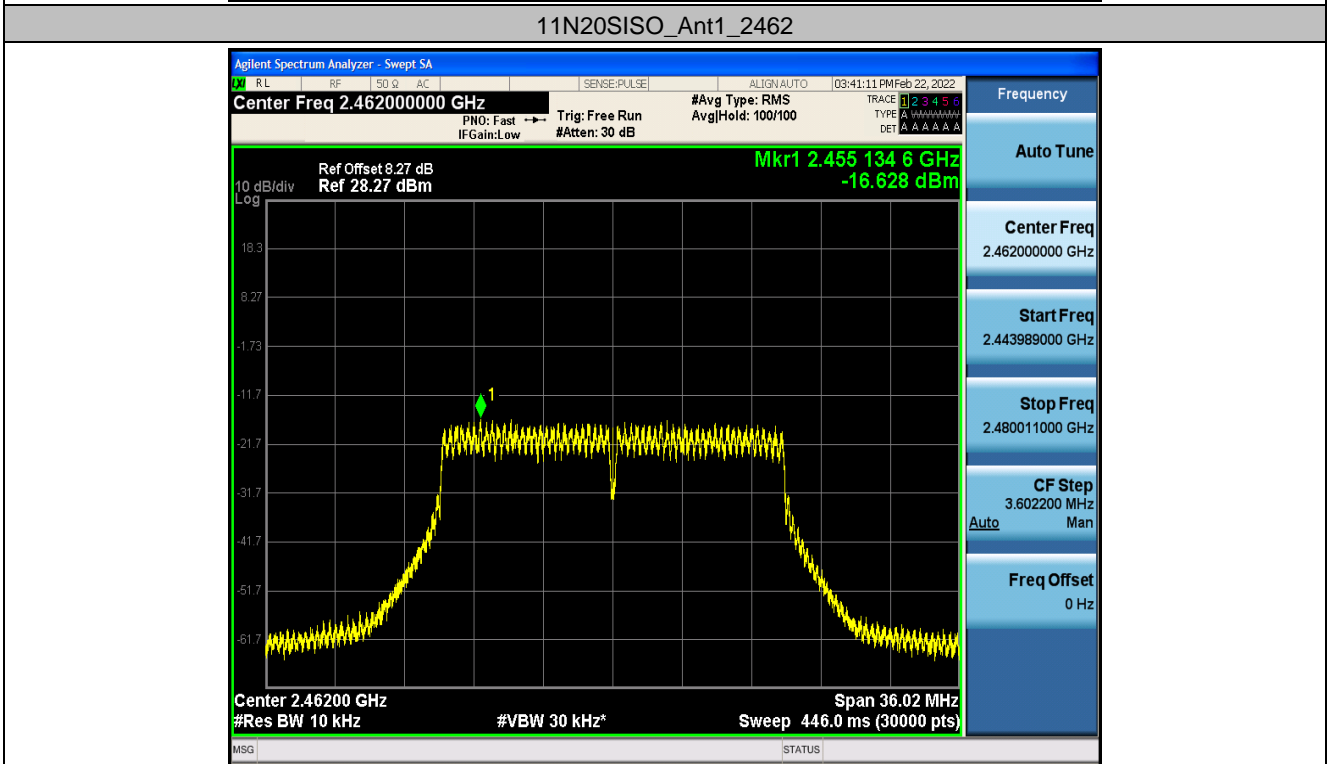
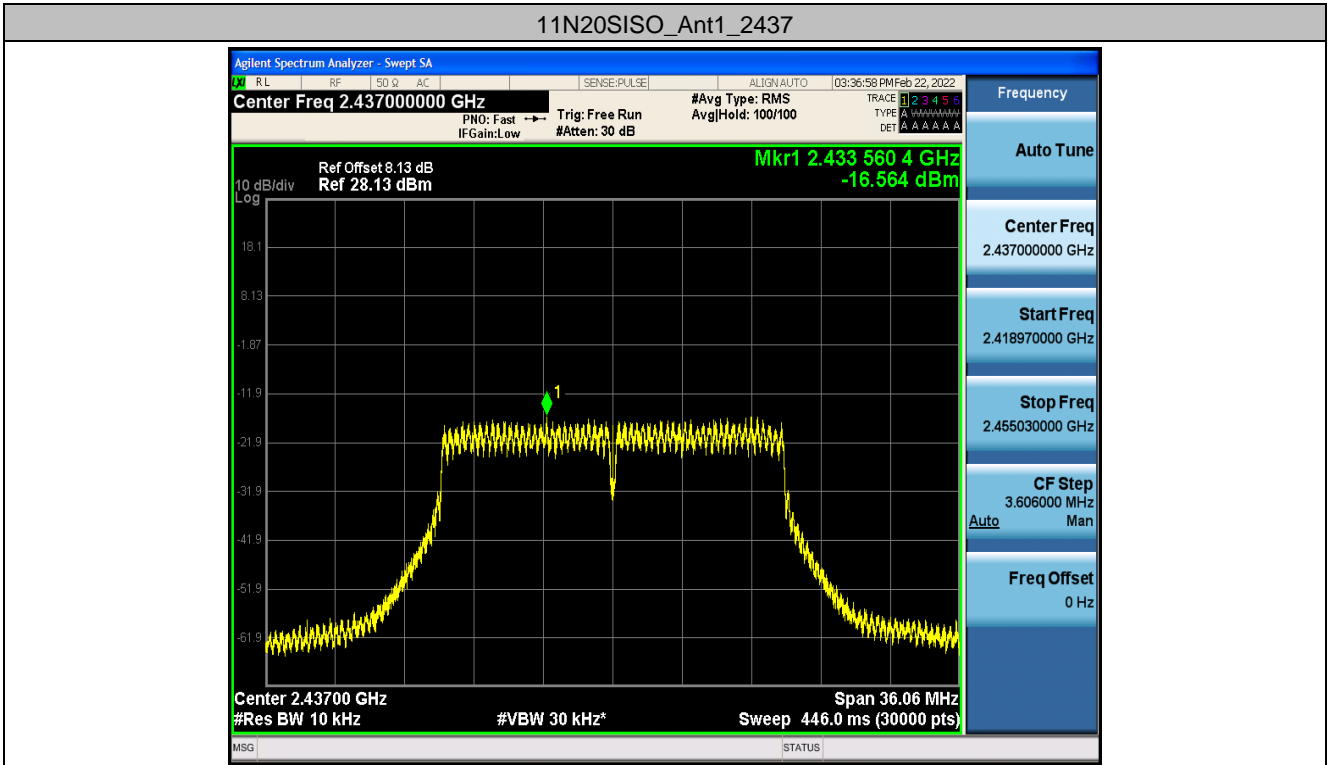
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11.4 Appendix D: Band edge measurements

11.4.1 Test Result

TestMode	Antenna	ChName	Channel	RefLevel[dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	5.82	-42.56	<=-24.18	PASS
		High	2462	6.81	-46.98	<=-23.19	PASS
11G	Ant1	Low	2412	-1.86	-41.26	<=-31.86	PASS
		High	2462	1.10	-46.45	<=-28.9	PASS
11N20SISO	Ant1	Low	2412	-2.70	-40.85	<=-32.7	PASS
		High	2462	0.37	-45.37	<=-29.63	PASS



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11.4.2 Test Graphs

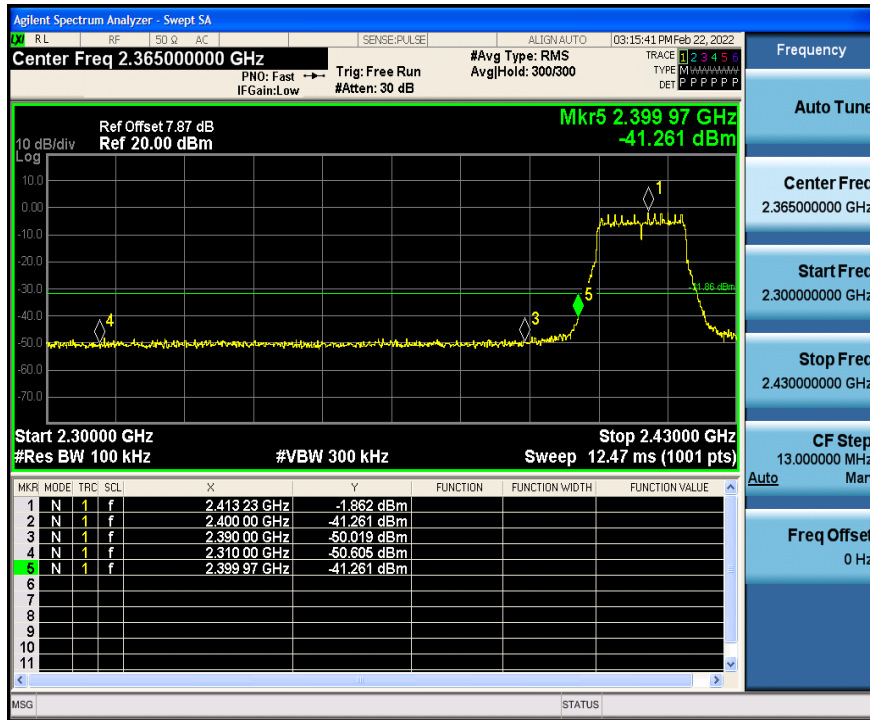


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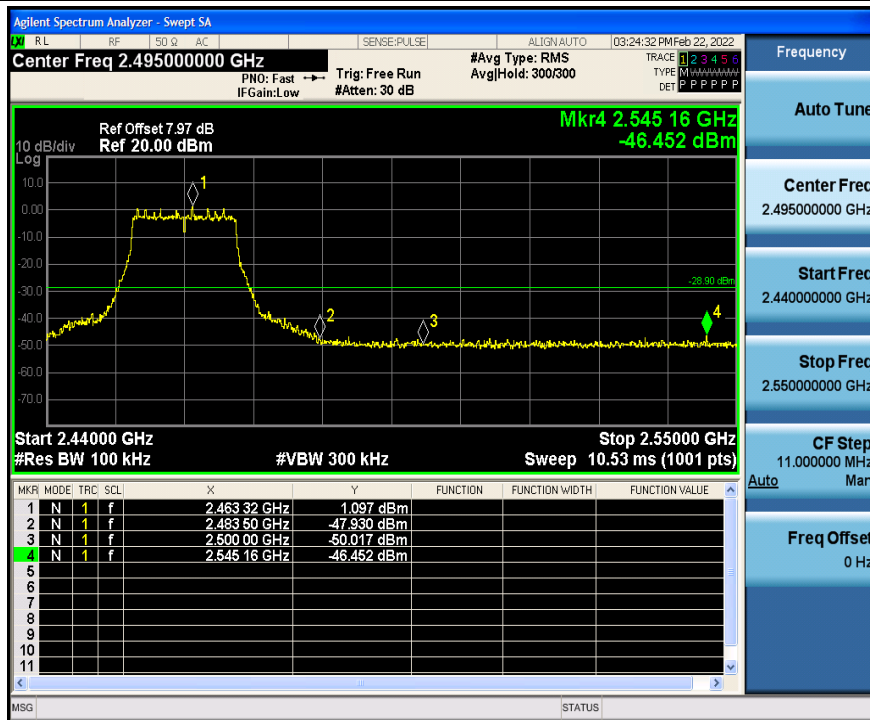
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11G_Ant1_Low_2412

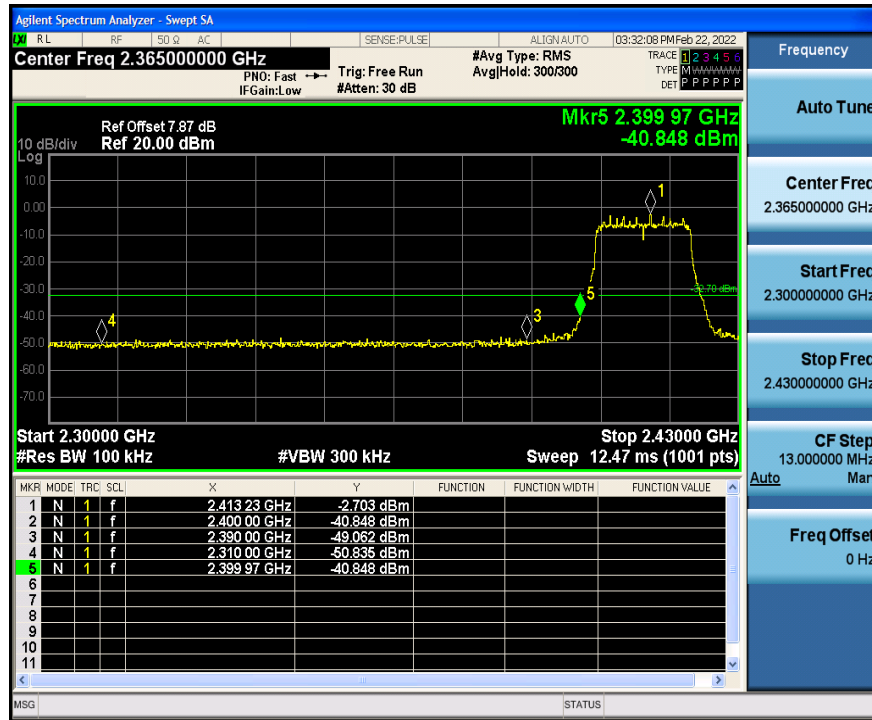


11G_Ant1_High_2462

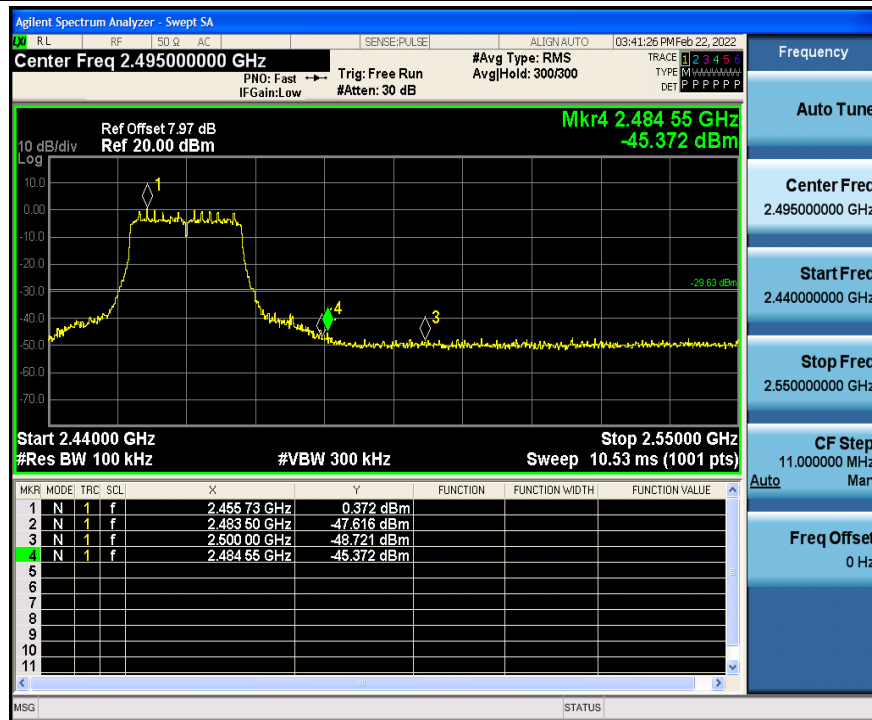


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11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



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11.5 Appendix E: Conducted Spurious Emission

11.5.1 Test Result

TestMode	Antenna	Channel	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	5.48	5.48	---	PASS
			30~1000	---	-57.708	<=-14.52	PASS
			1000~26500	---	-31.641	<=-14.52	PASS
		2437	Reference	7.28	7.28	---	PASS
			30~1000	---	-57.82	<=-12.717	PASS
			1000~26500	---	-28.757	<=-12.717	PASS
		2462	Reference	6.72	6.72	---	PASS
			30~1000	---	-57.841	<=-13.276	PASS
			1000~26500	---	-28.766	<=-13.276	PASS
11G	Ant1	2412	Reference	-2.71	-2.71	---	PASS
			30~1000	---	-58.302	<=-22.705	PASS
			1000~26500	---	-40.243	<=-22.705	PASS
		2437	Reference	1.33	1.33	---	PASS
			30~1000	---	-57.517	<=-18.672	PASS
			1000~26500	---	-40.121	<=-18.672	PASS
		2462	Reference	0.55	0.55	---	PASS
			30~1000	---	-57.486	<=-19.454	PASS
			1000~26500	---	-40.243	<=-19.454	PASS
11N20SISO	Ant1	2412	Reference	-2.75	-2.75	---	PASS
			30~1000	---	-58.081	<=-22.751	PASS
			1000~26500	---	-40.63	<=-22.751	PASS
		2437	Reference	-0.08	-0.08	---	PASS
			30~1000	---	-57.993	<=-20.081	PASS
			1000~26500	---	-39.873	<=-20.081	PASS
		2462	Reference	-0.43	-0.43	---	PASS
			30~1000	---	-57.326	<=-20.425	PASS
			1000~26500	---	-40.426	<=-20.425	PASS

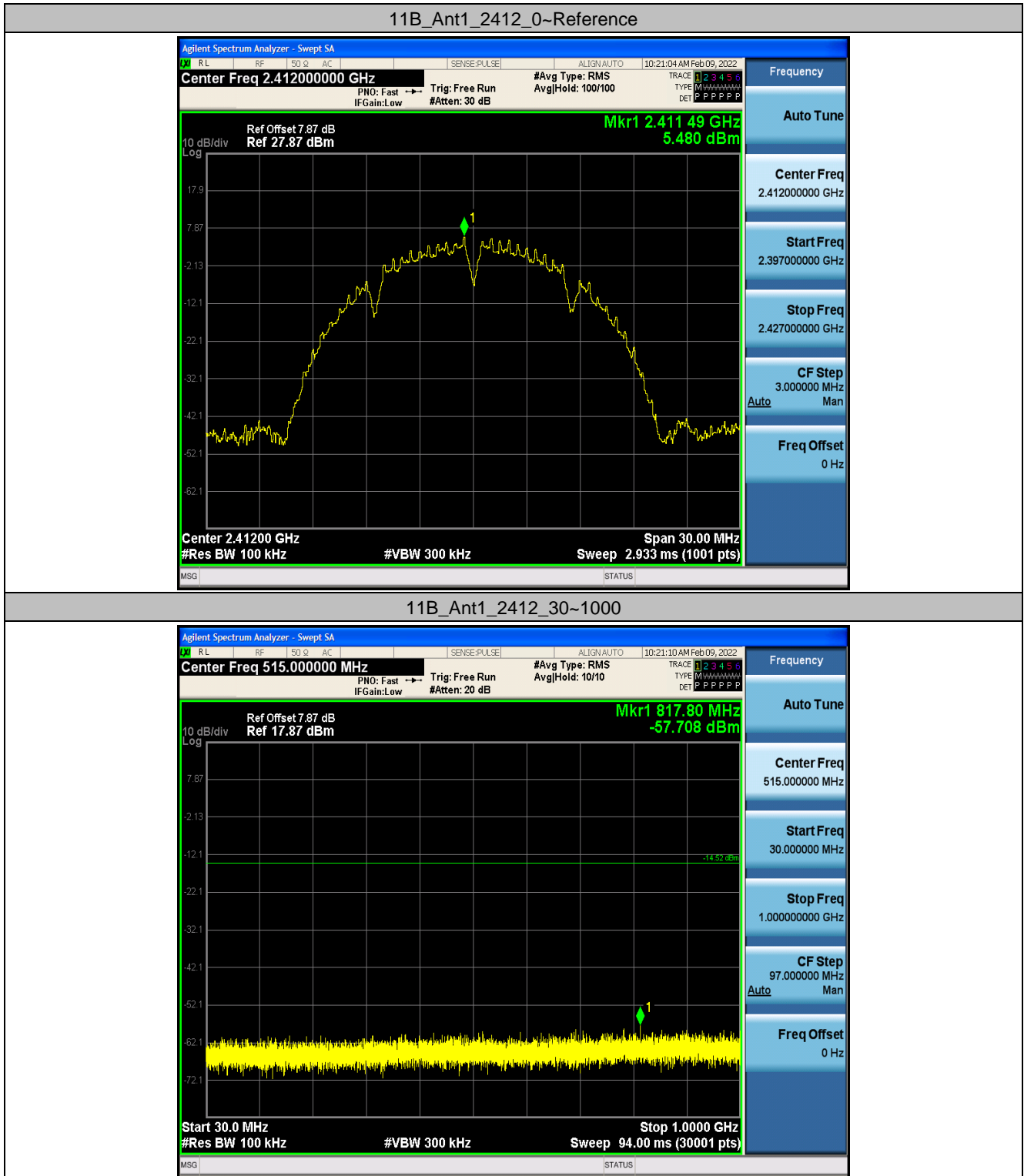


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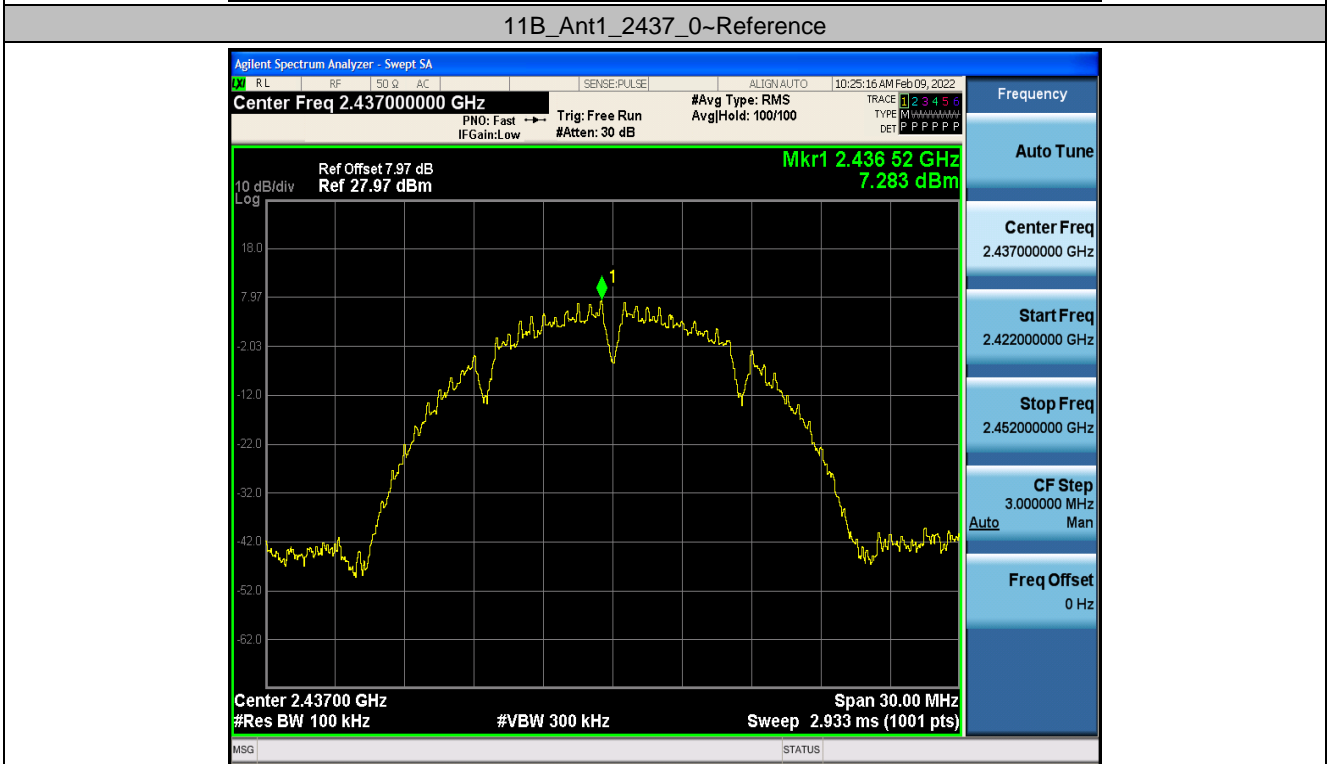
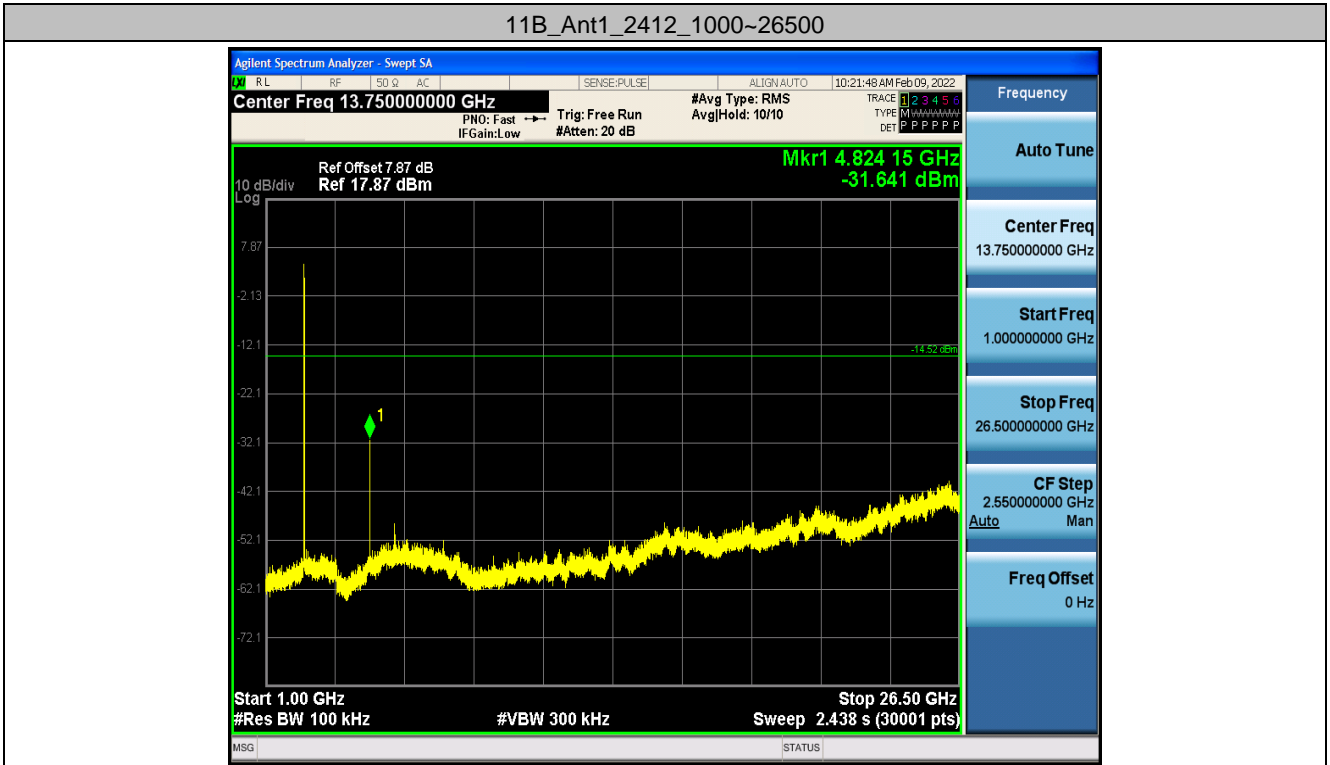
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11.5.2 Test Graphs



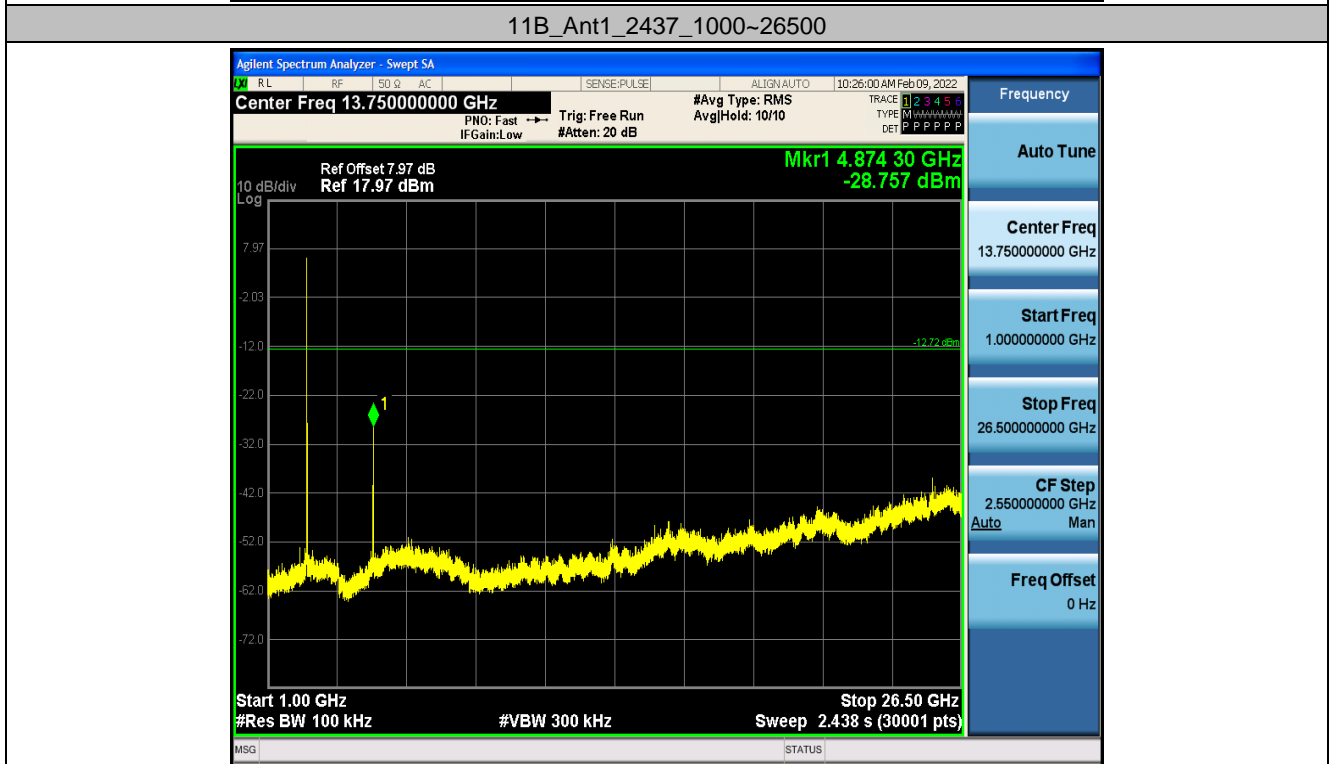
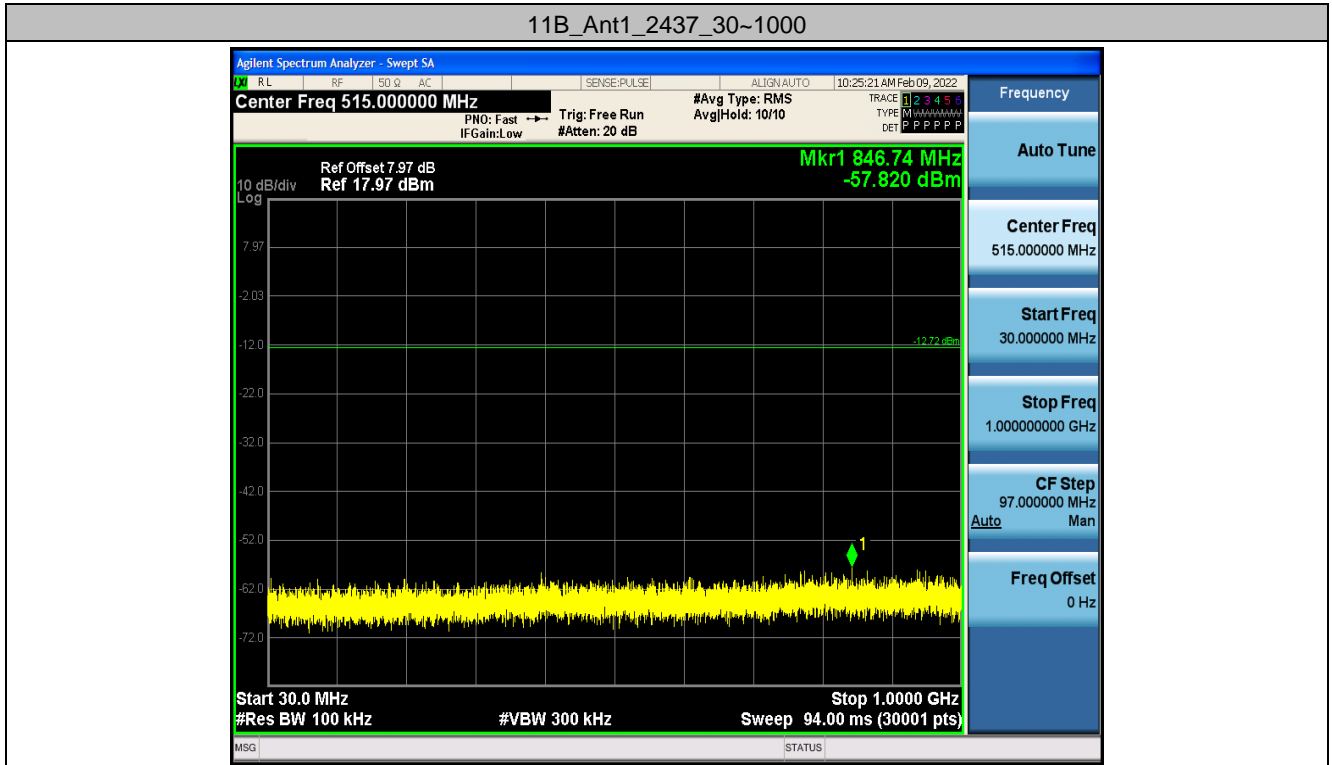
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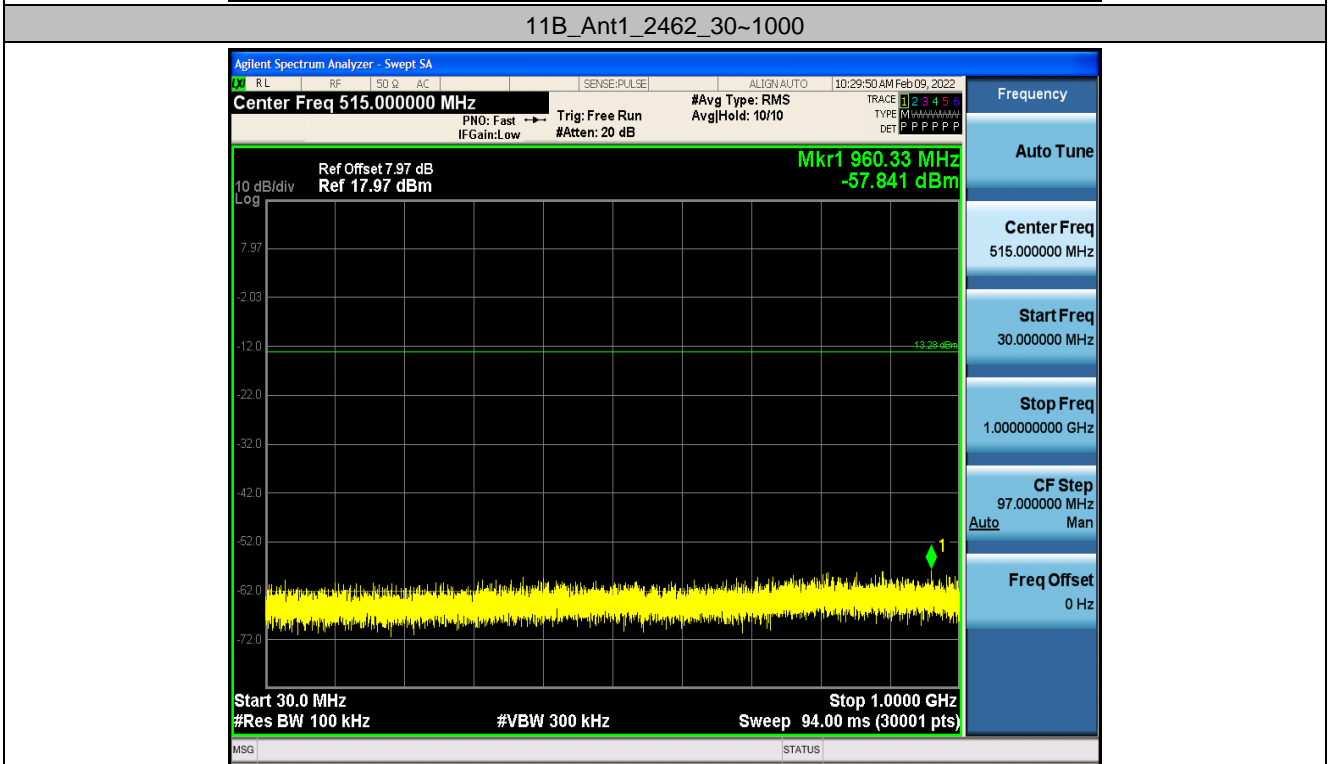
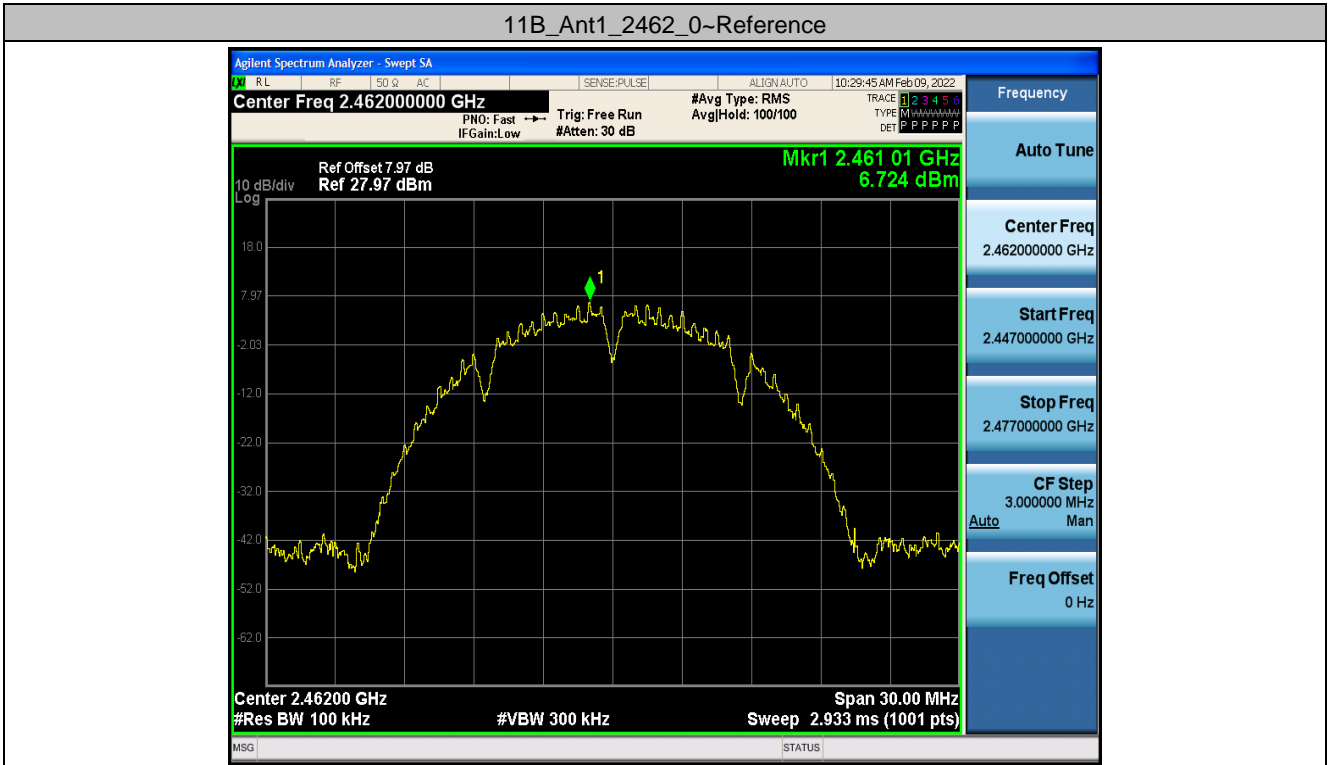
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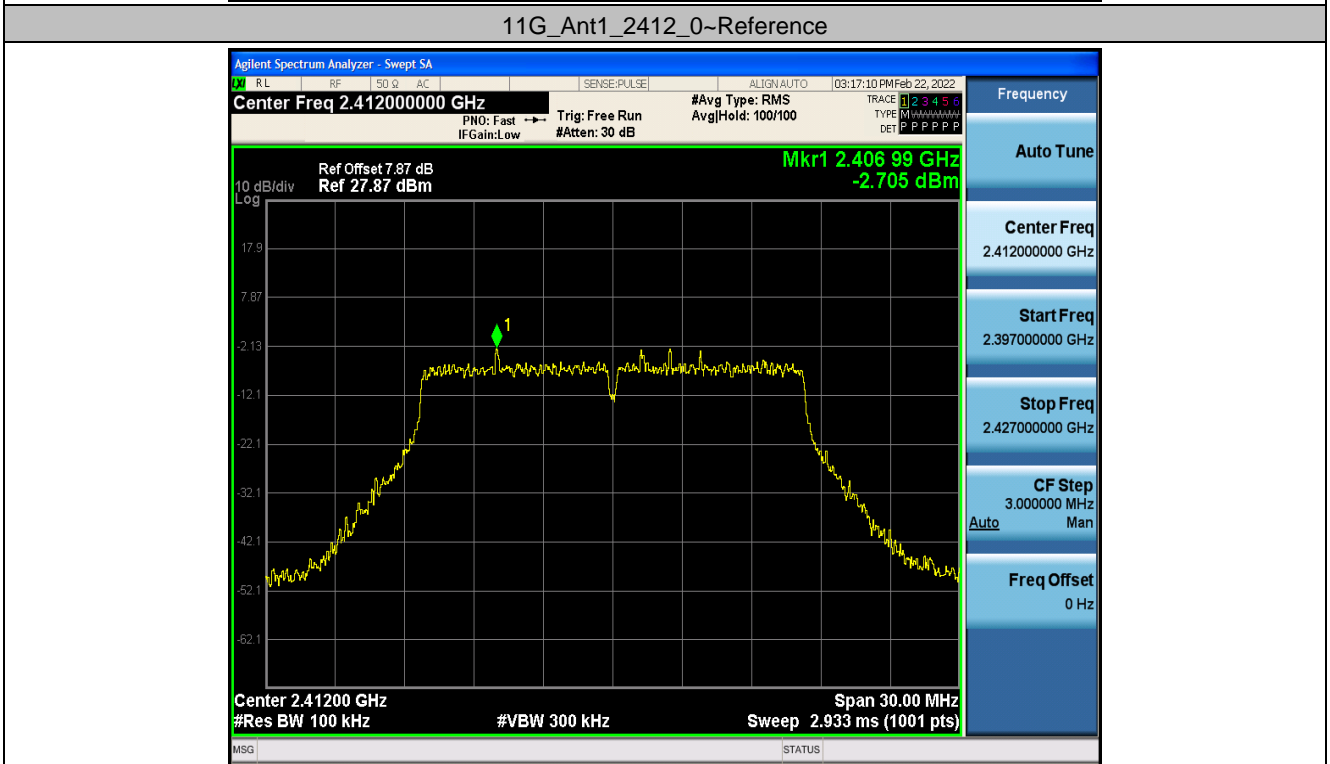
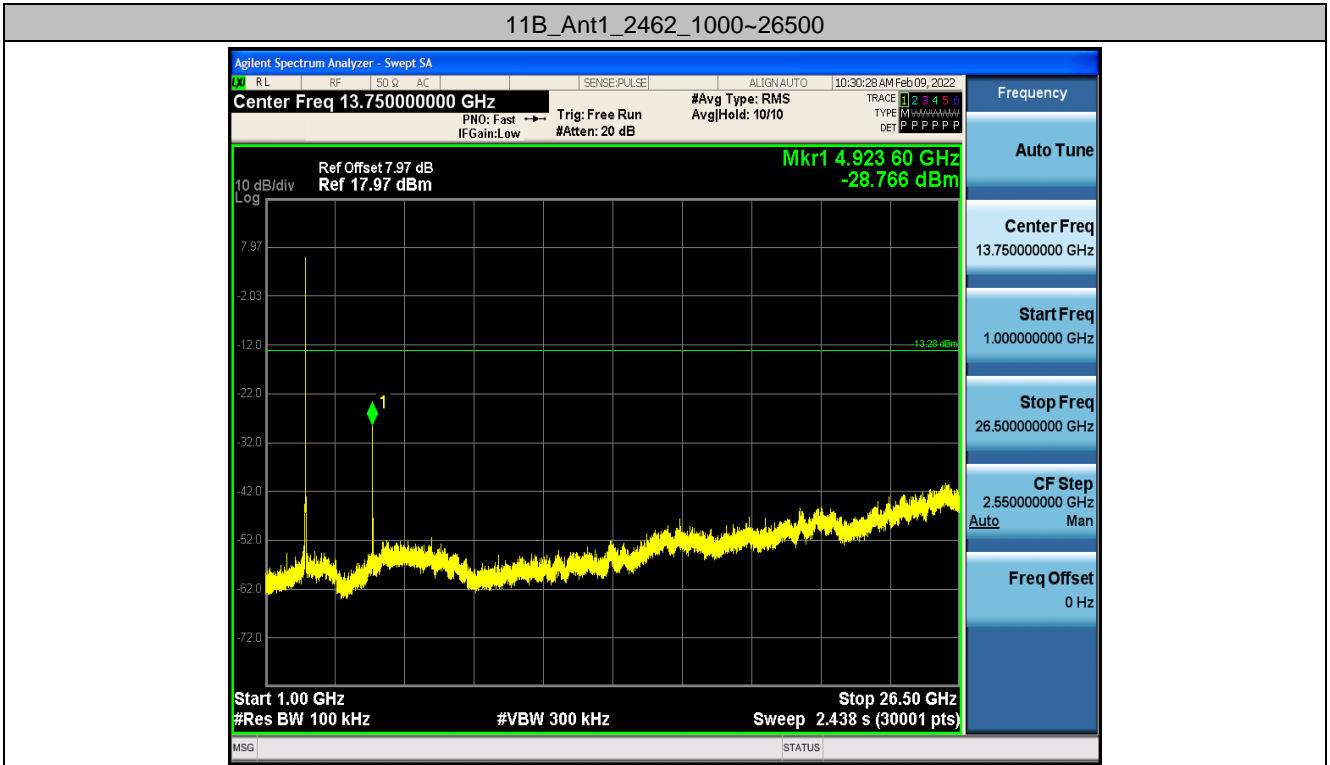


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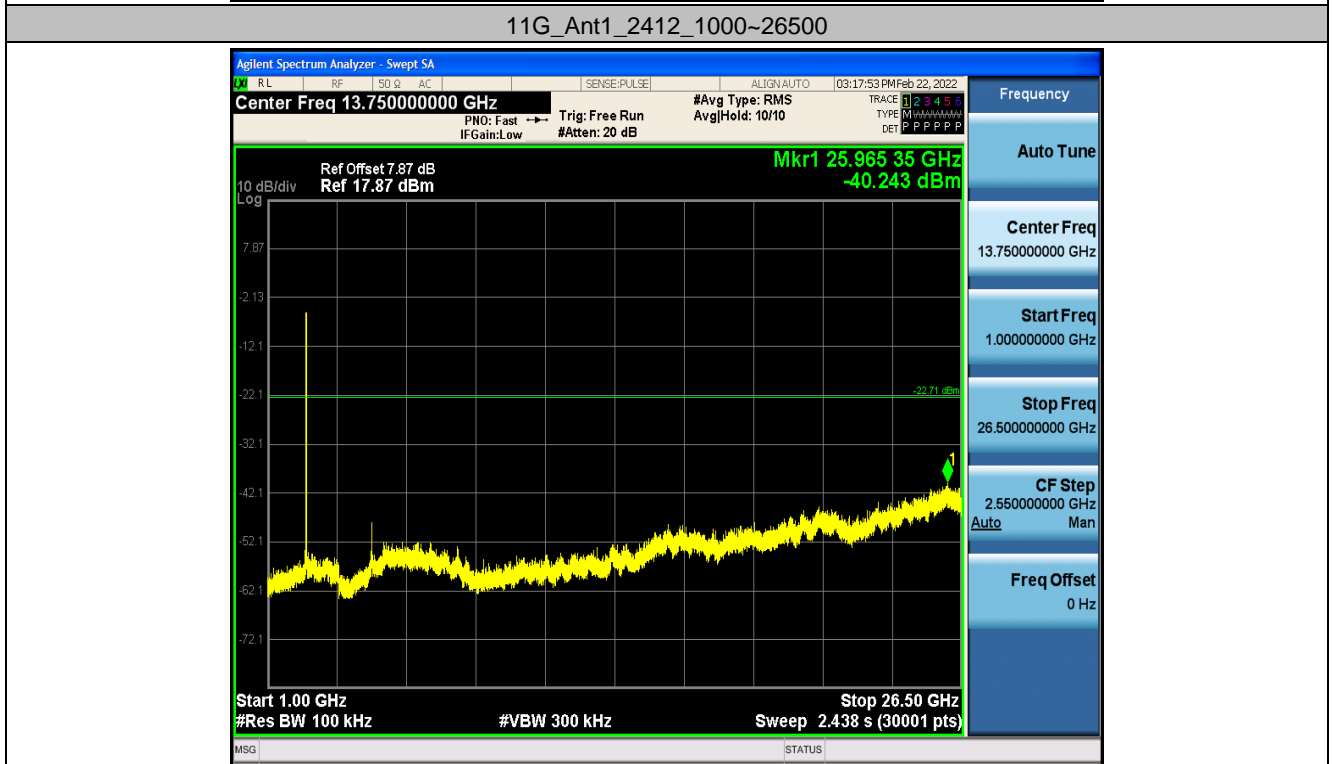
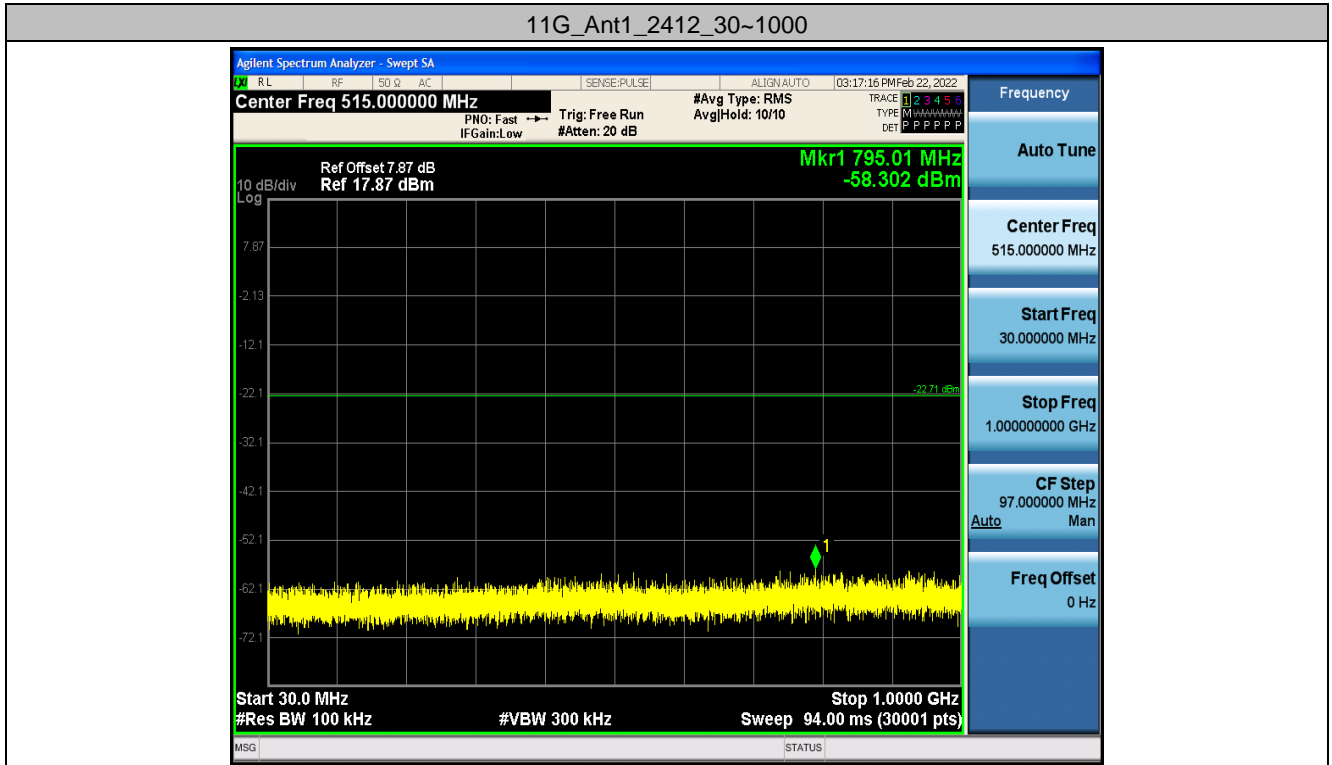


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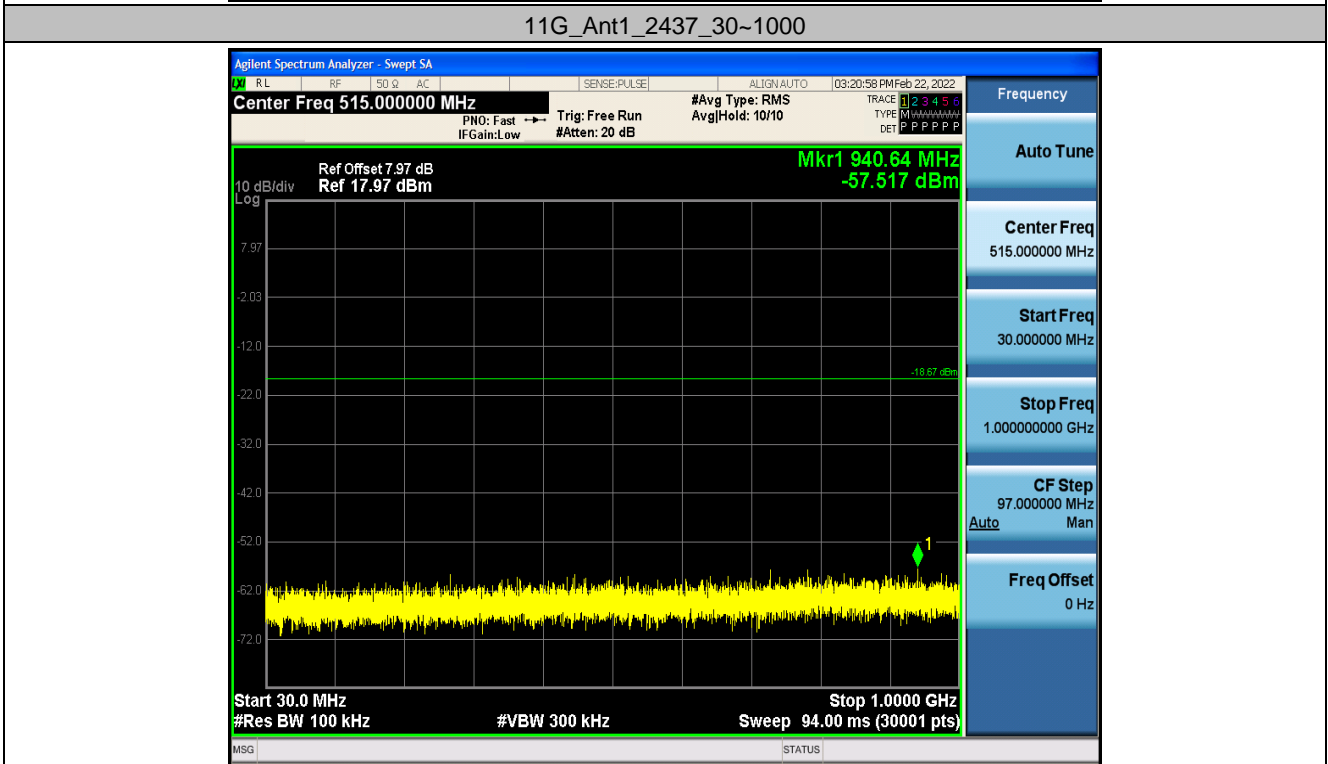
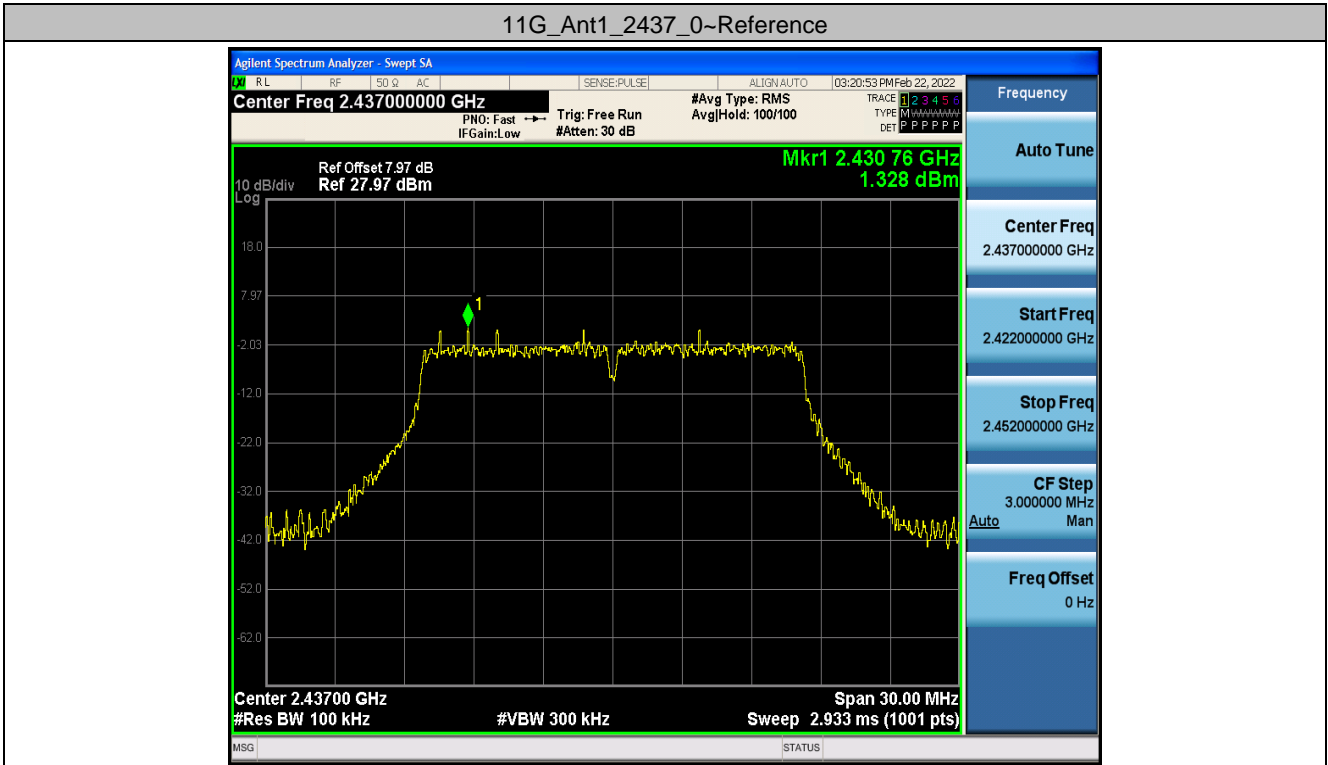
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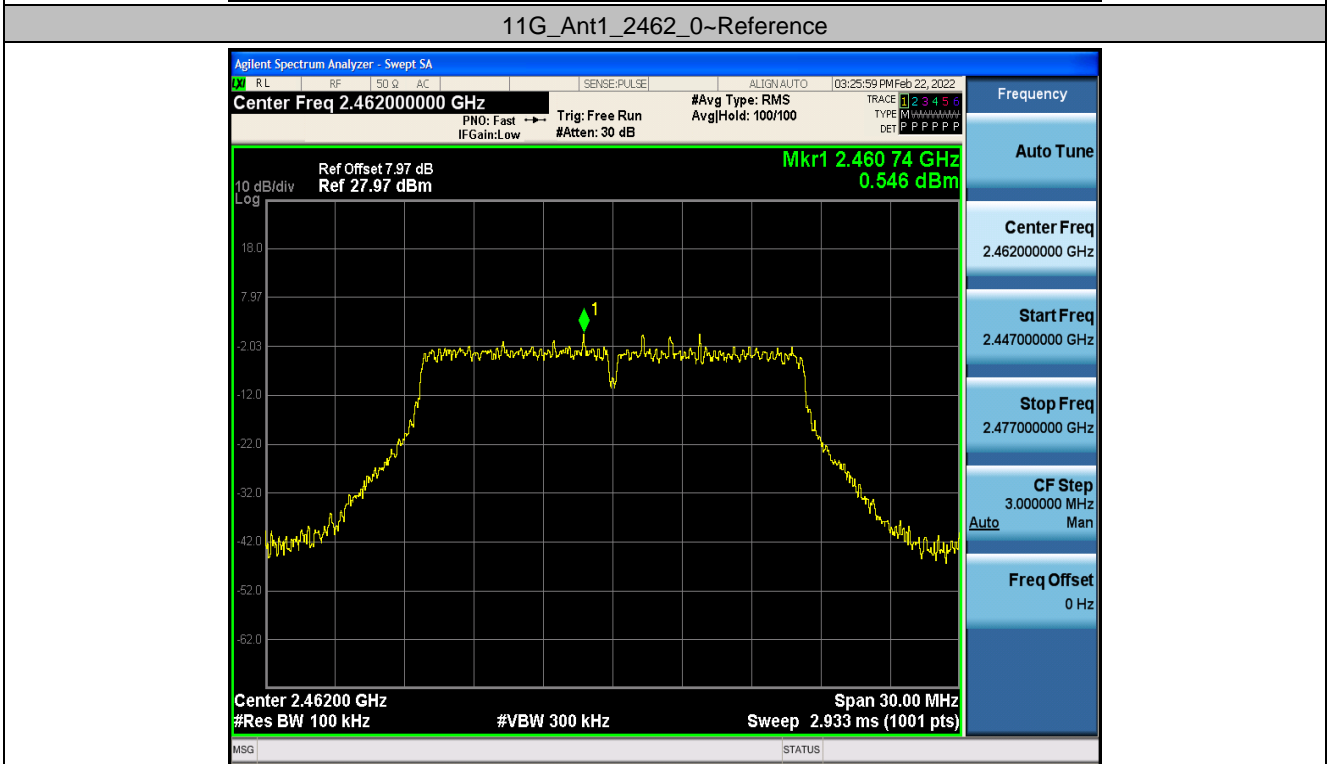
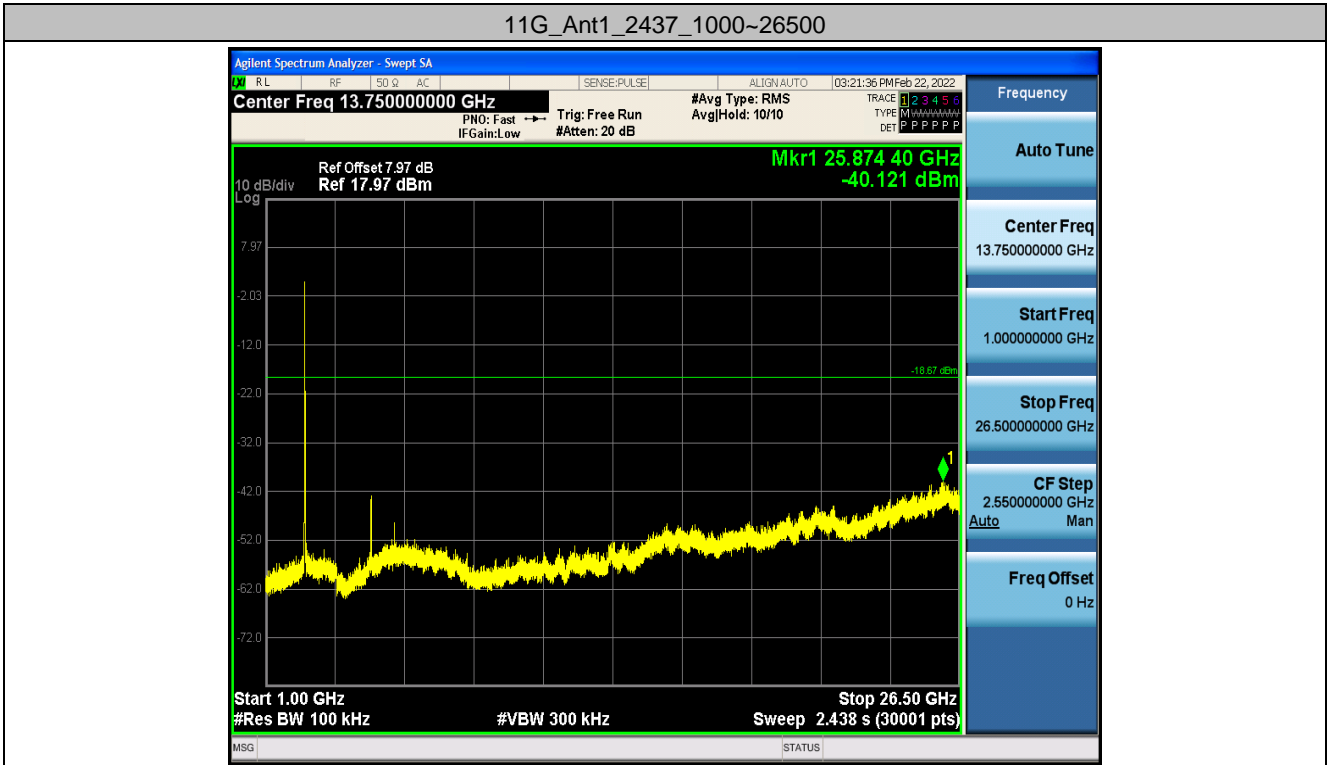
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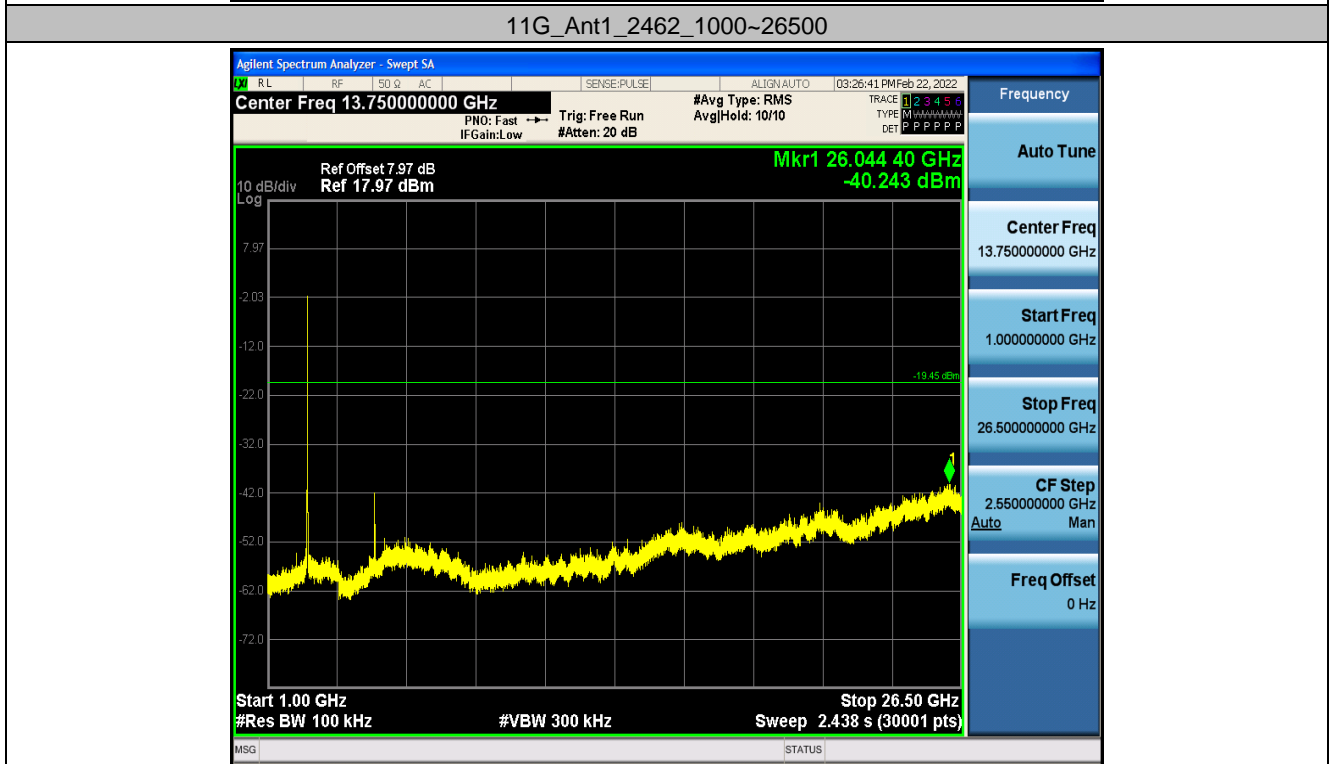
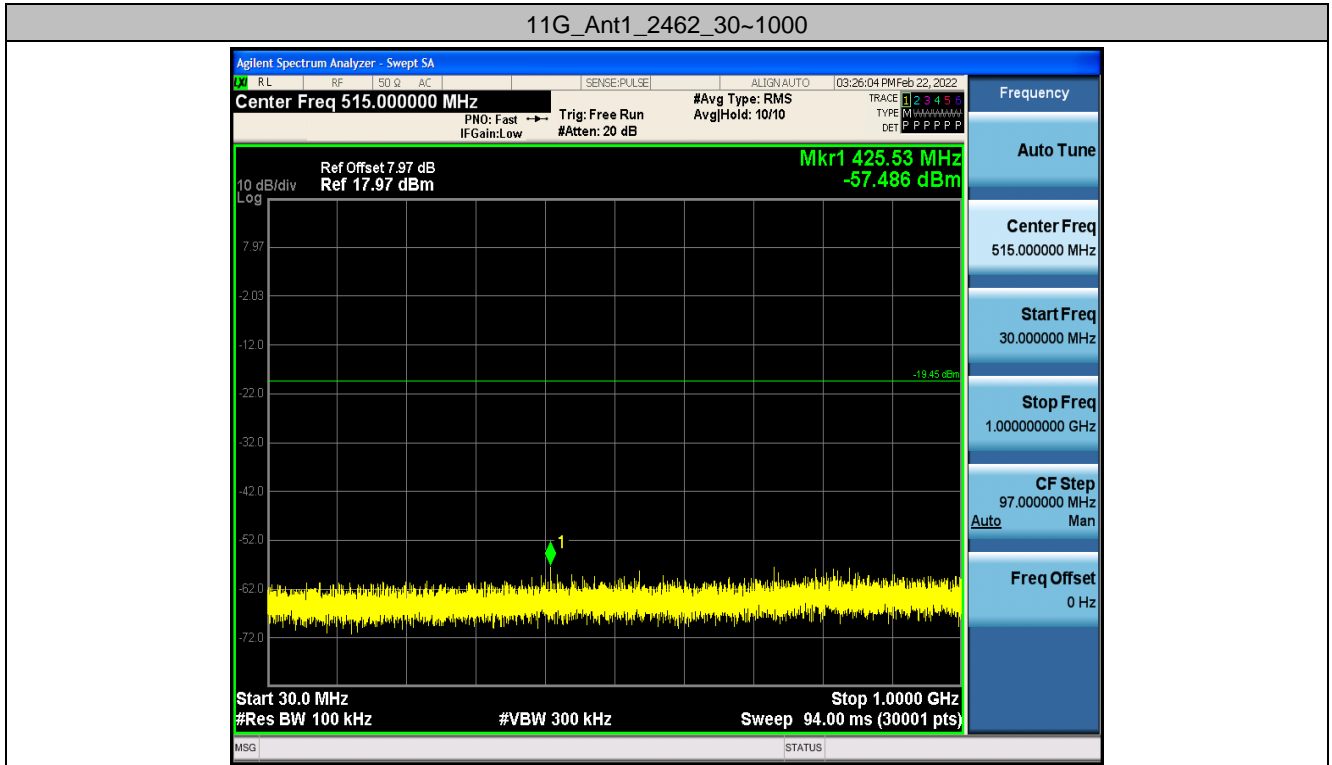
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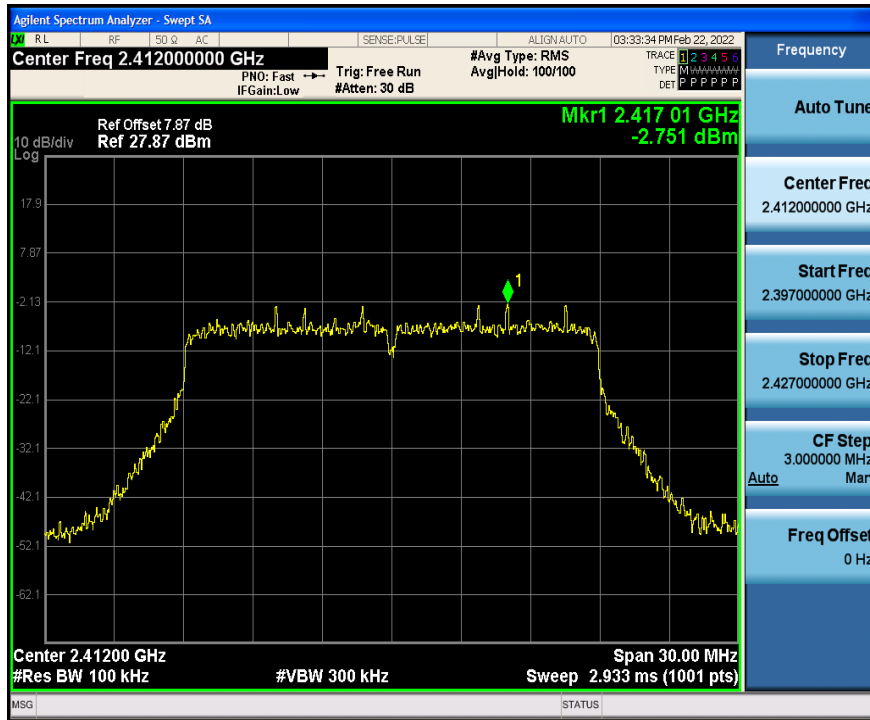


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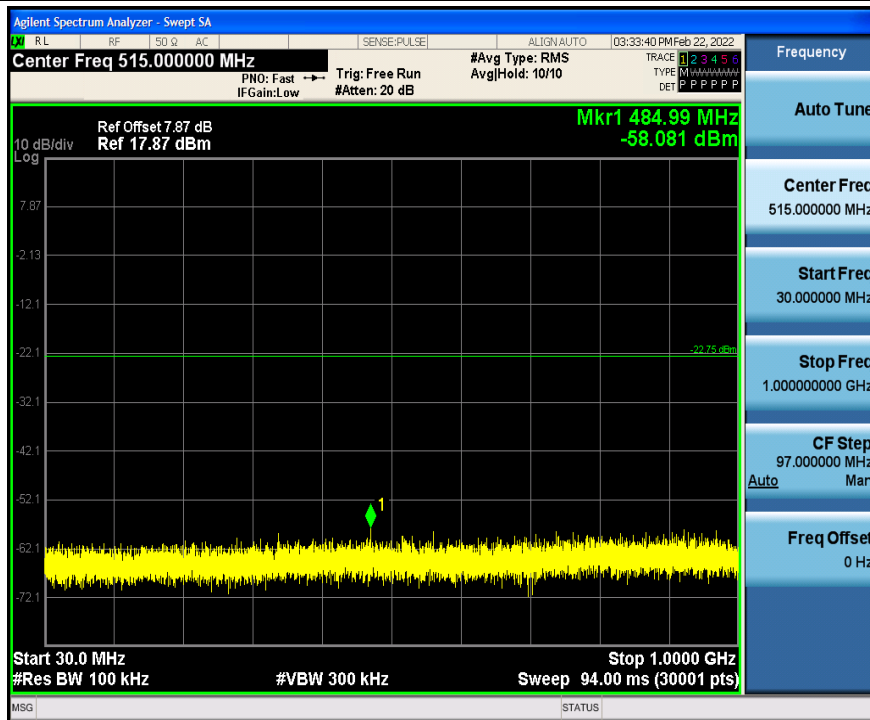


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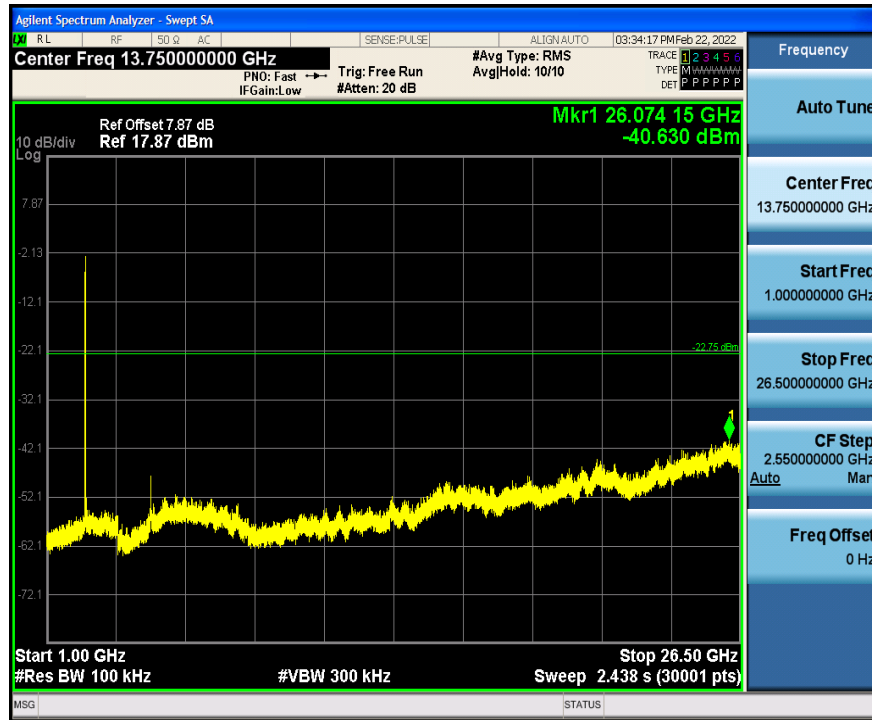


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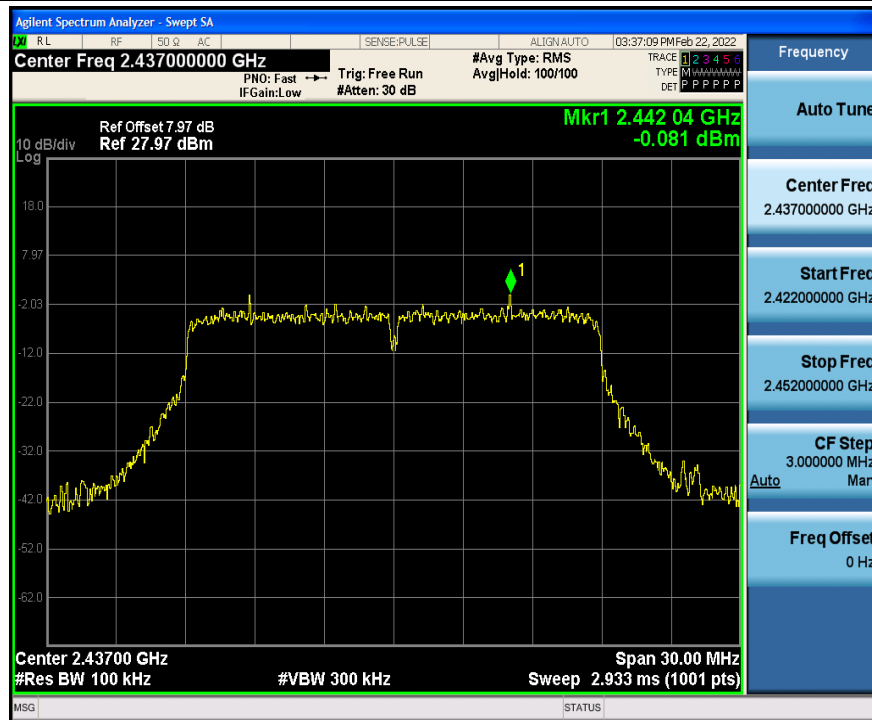
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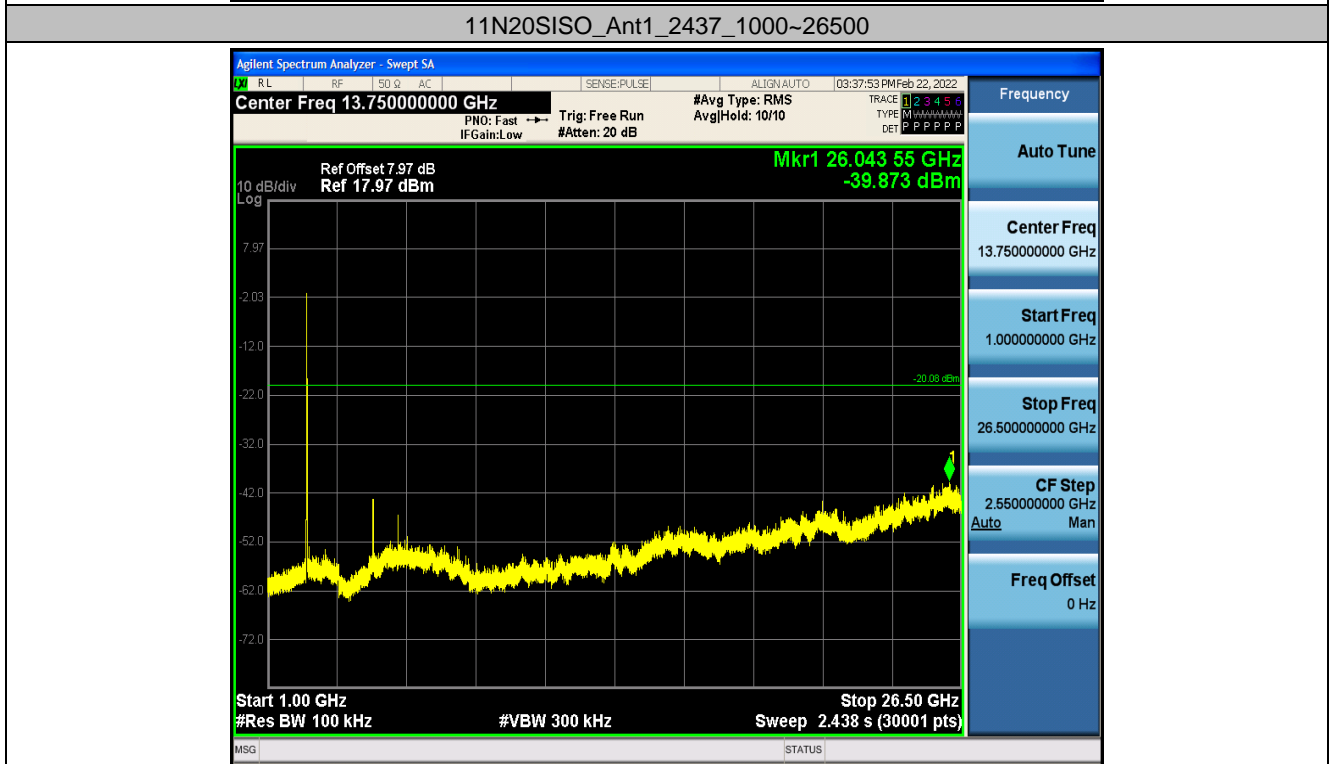
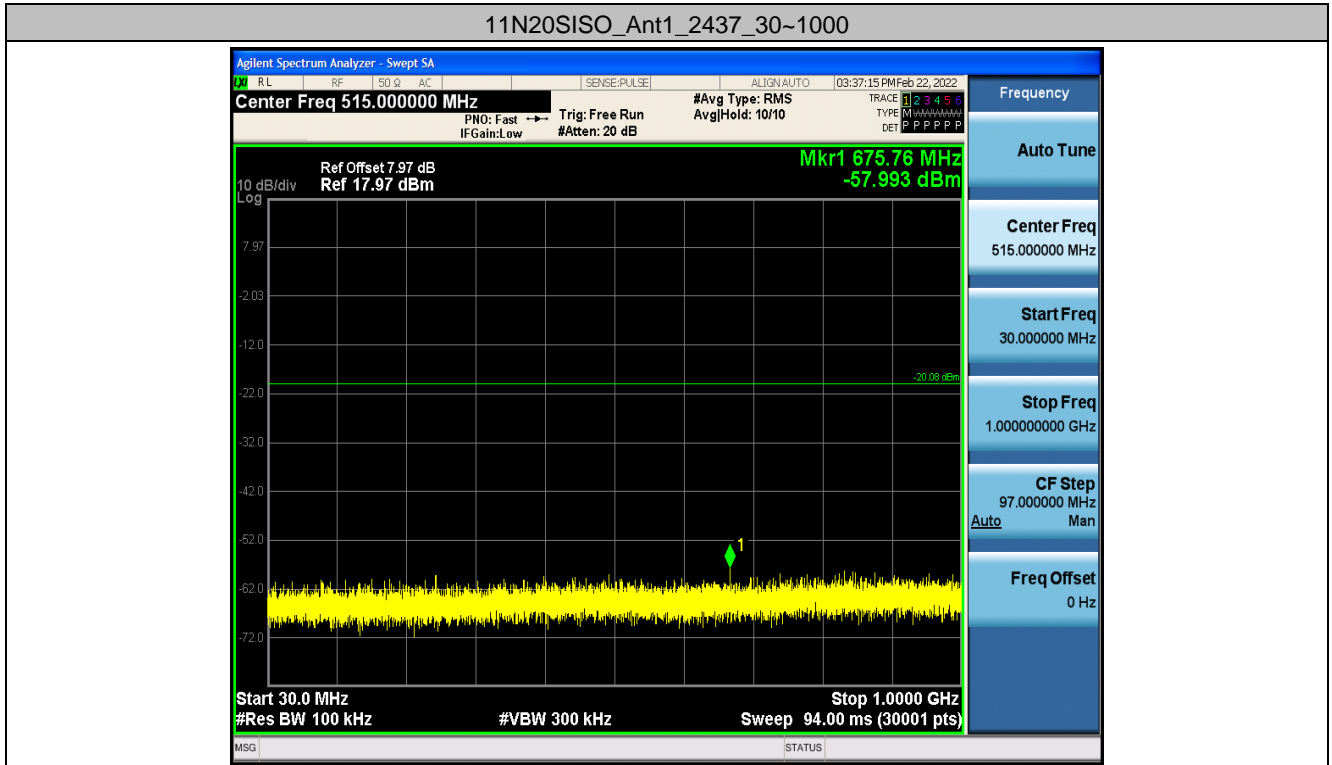
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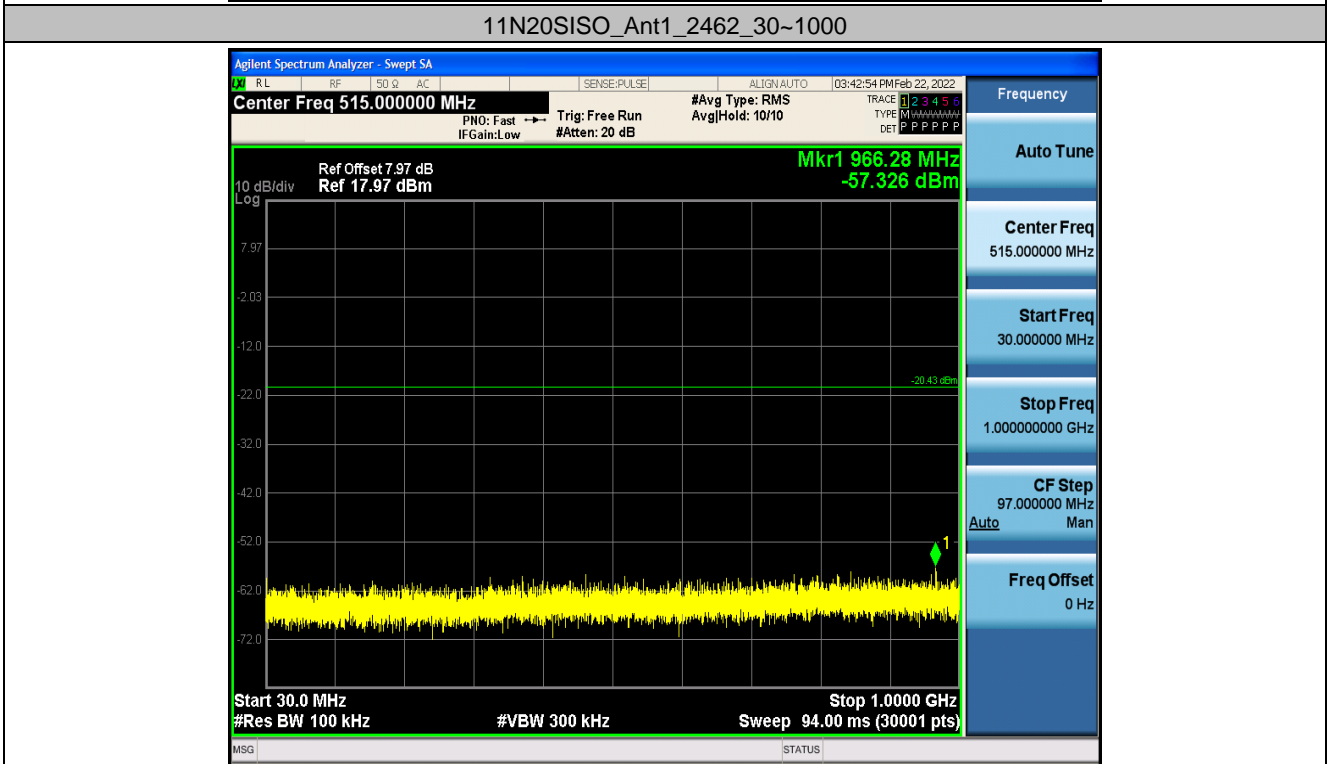
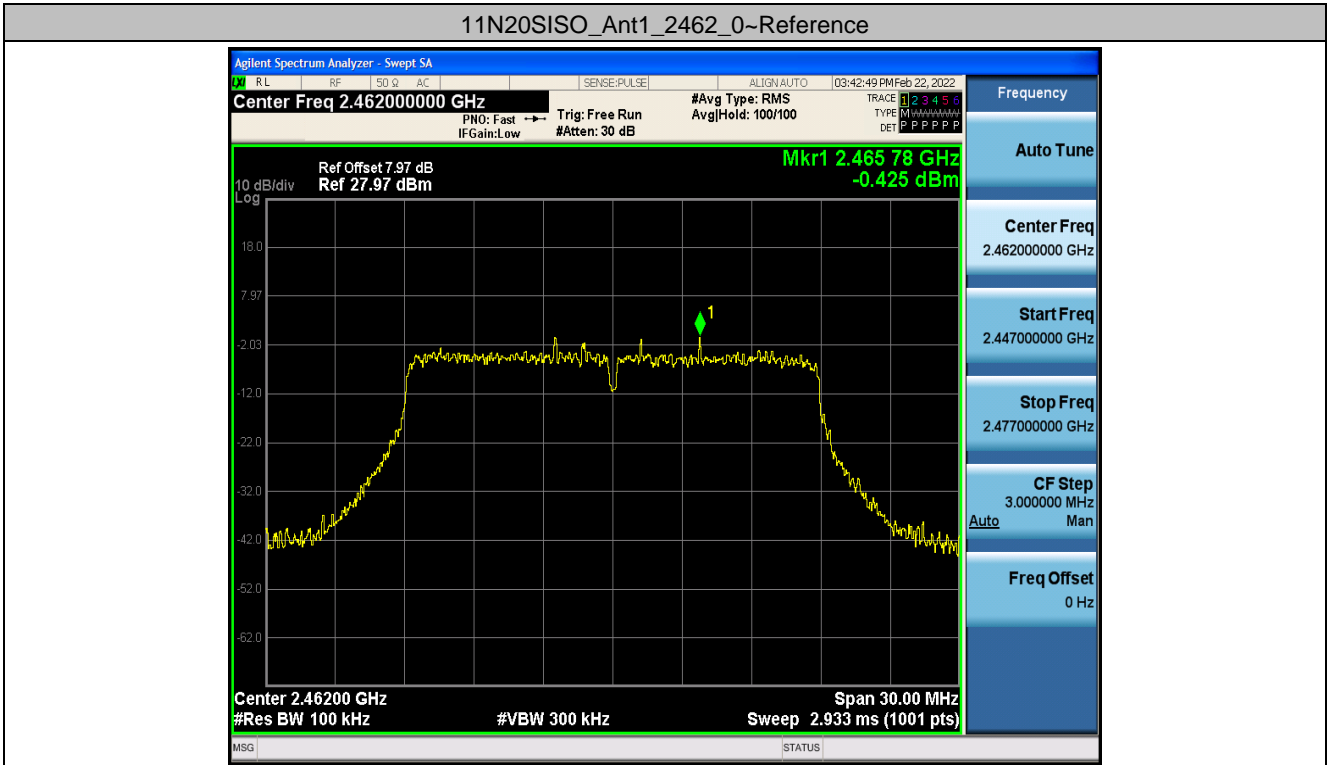
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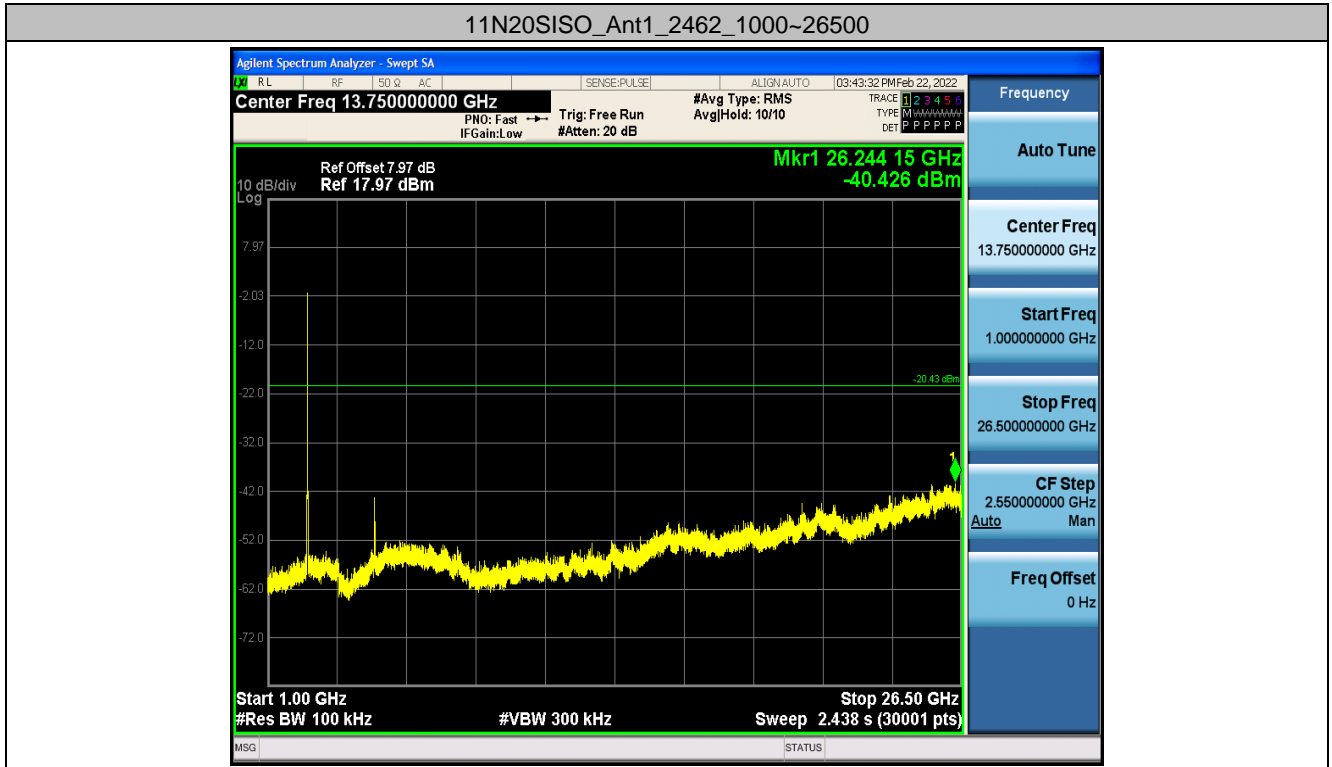
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