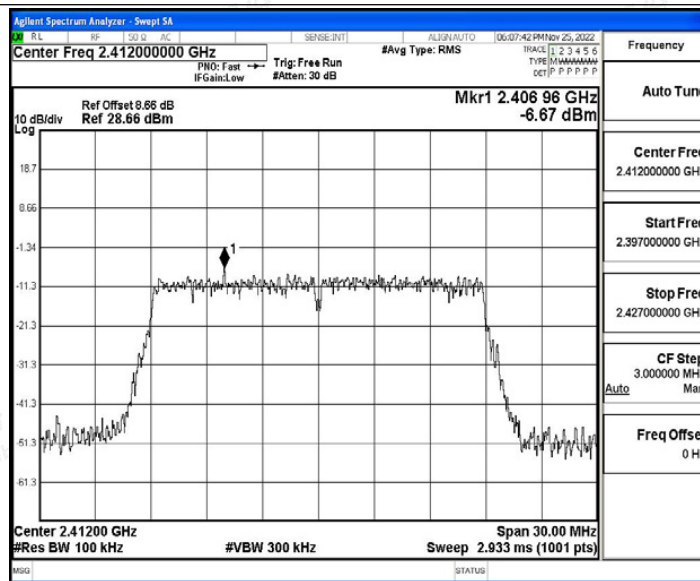
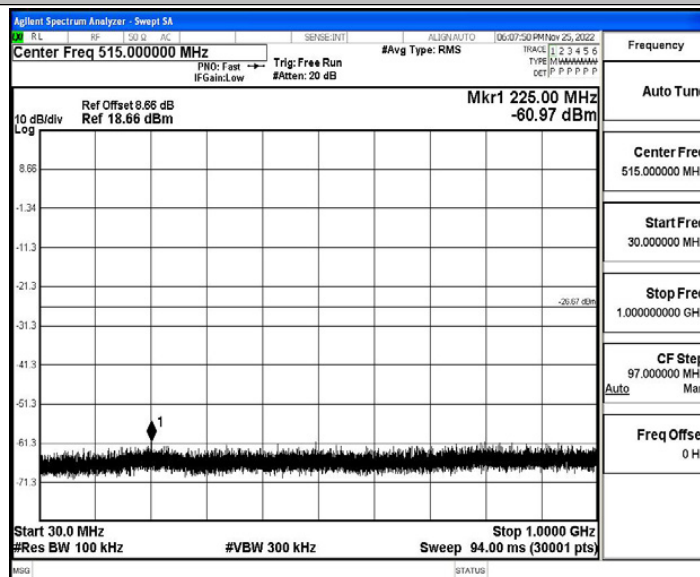




11N20SISO_Ant1_2412_30~1000



11N20SISO_Ant1_2412_1000~26500

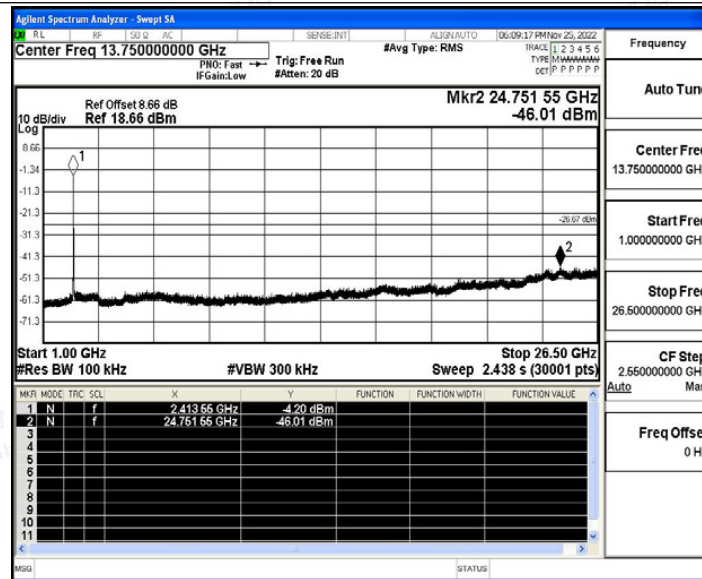


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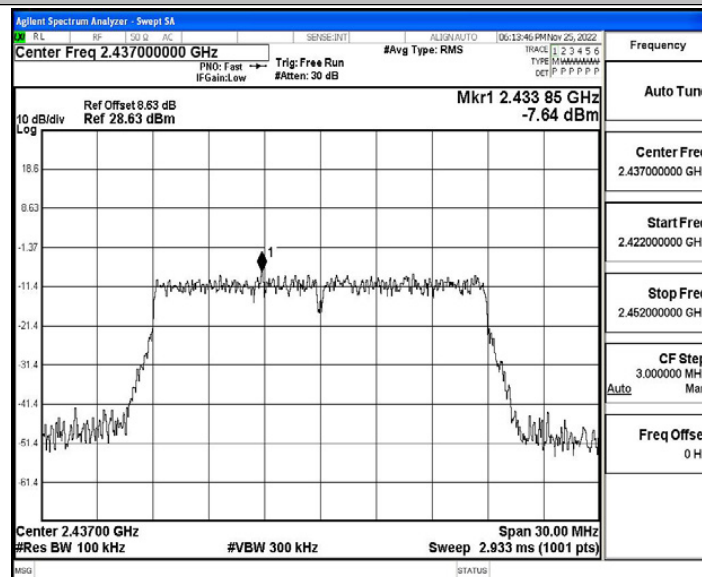
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

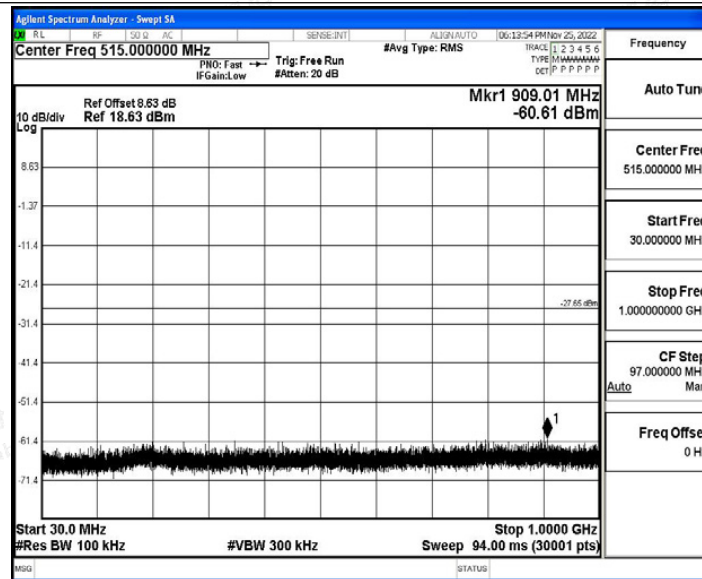


11N20SISO_Ant1_2437_0~Reference

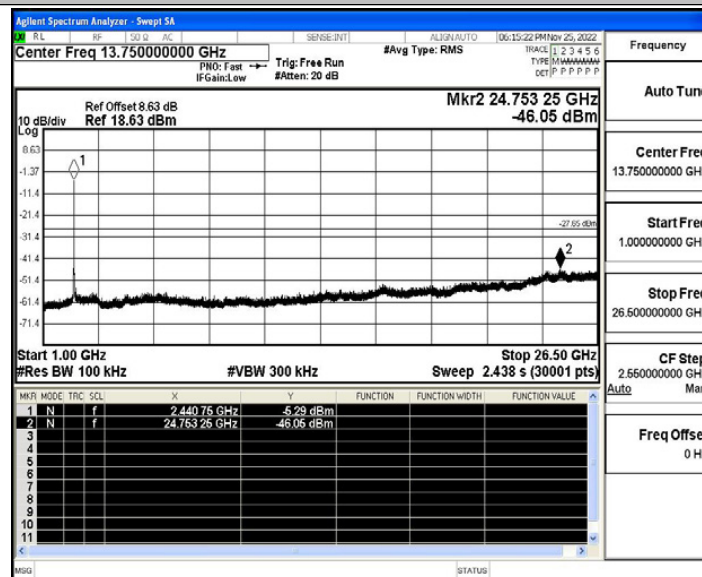


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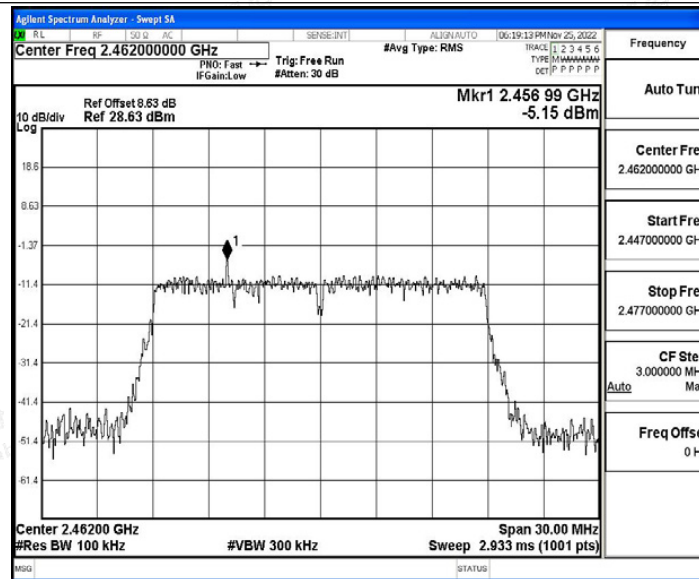


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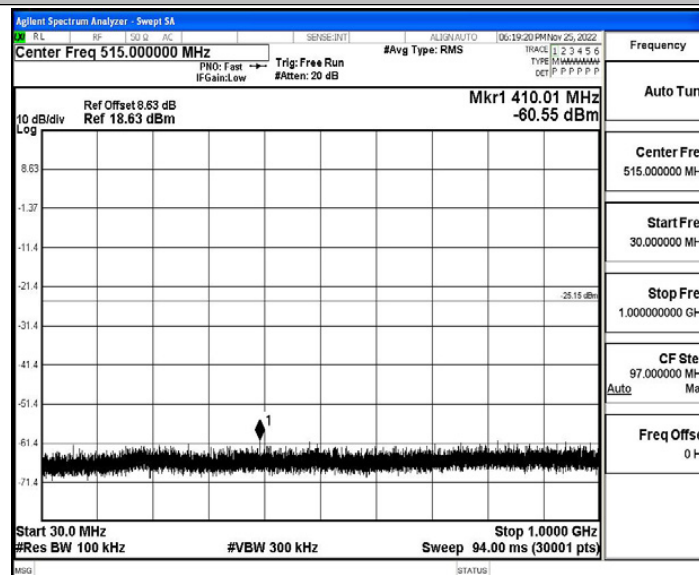


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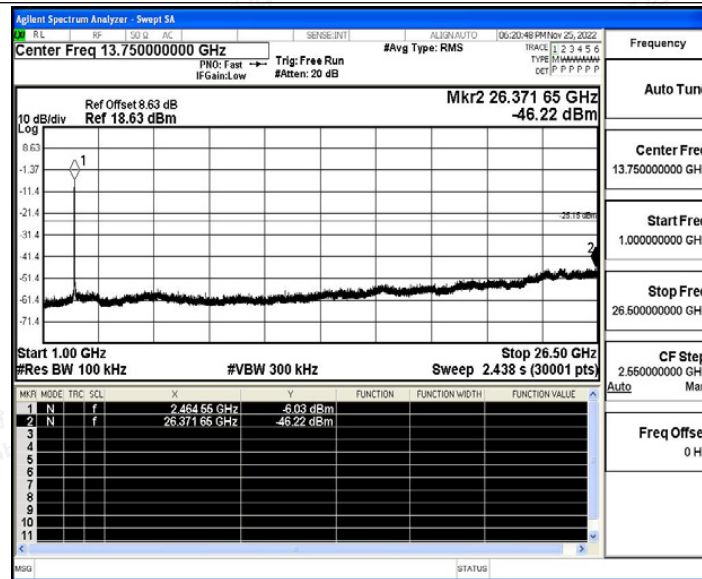


11N20SISO_Ant1_2462_30~1000

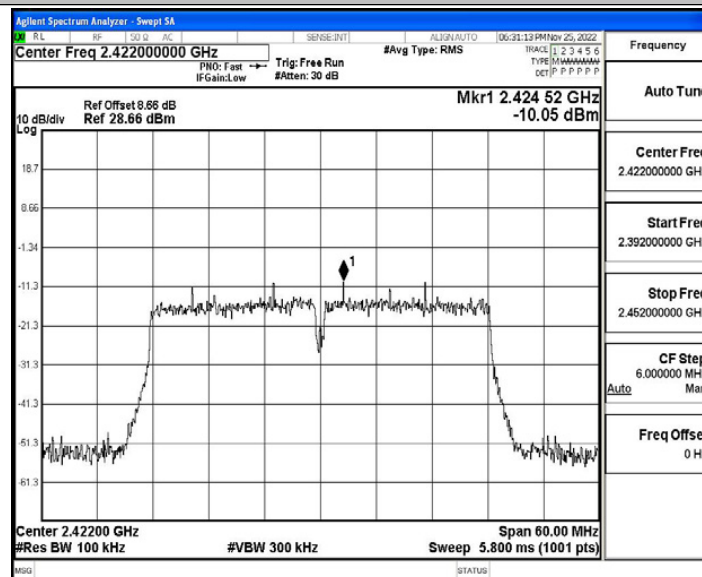


11N20SISO_Ant1_2462_1000~26500



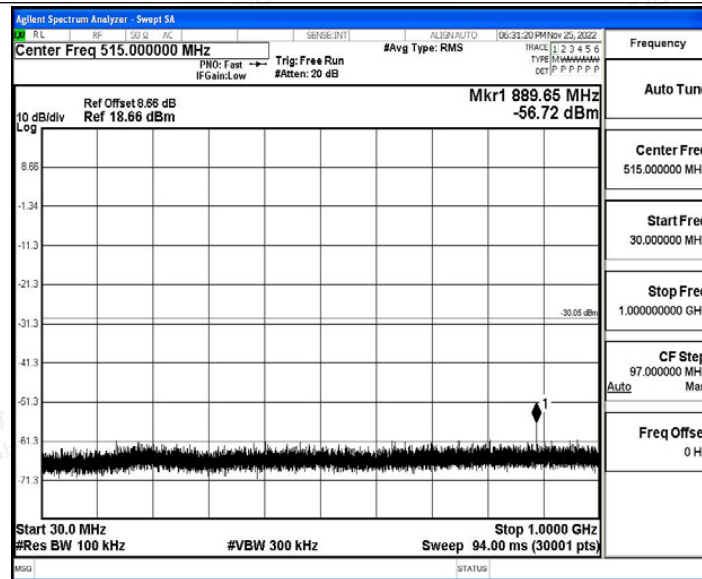


11N40SISO_Ant1_2422_0~Reference

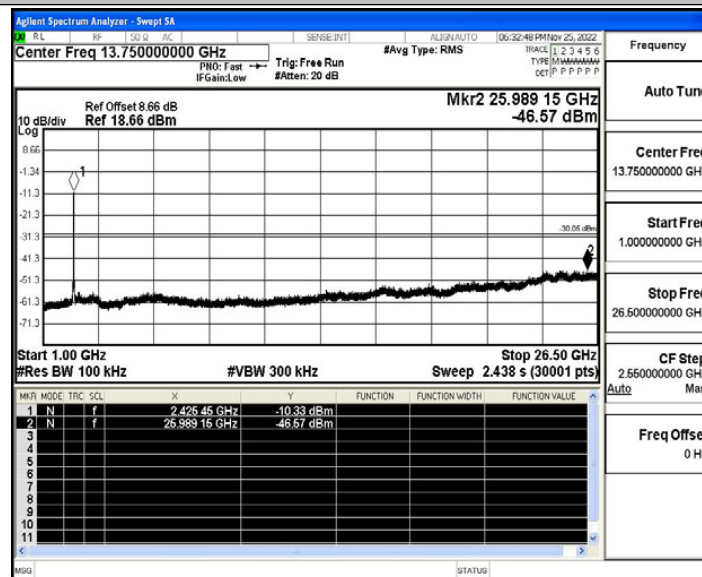


11N40SISO_Ant1_2422_30~1000



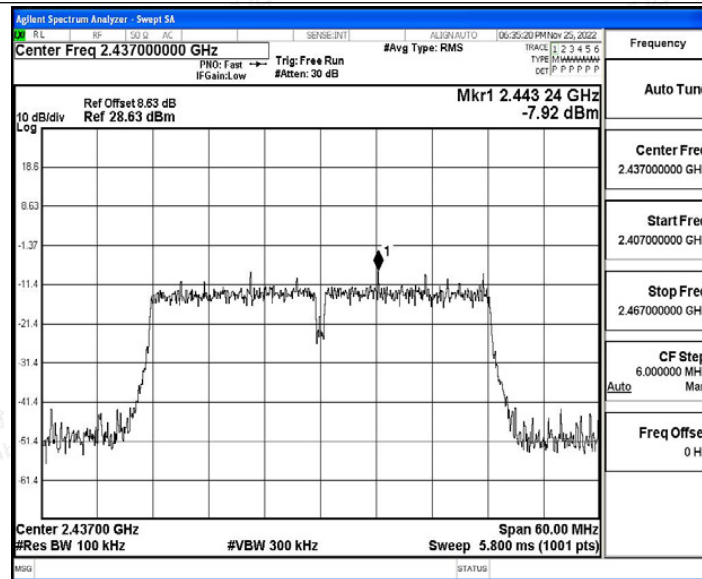


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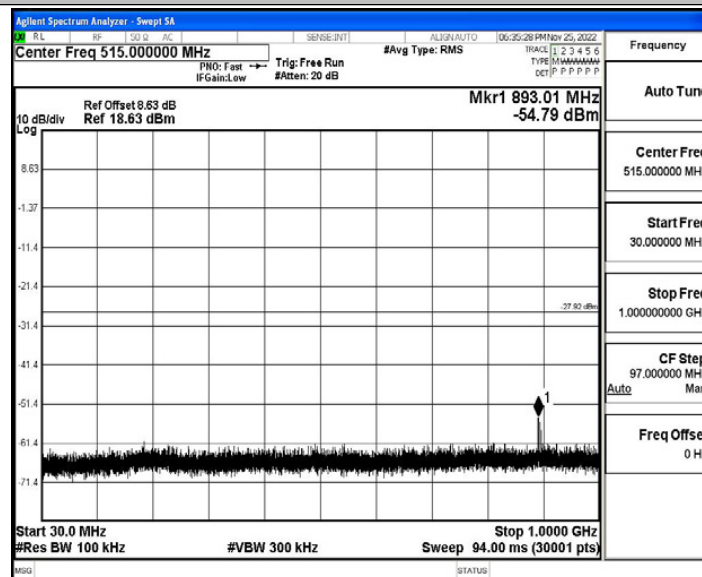


11N40SISO_Ant1_2437_0~Reference



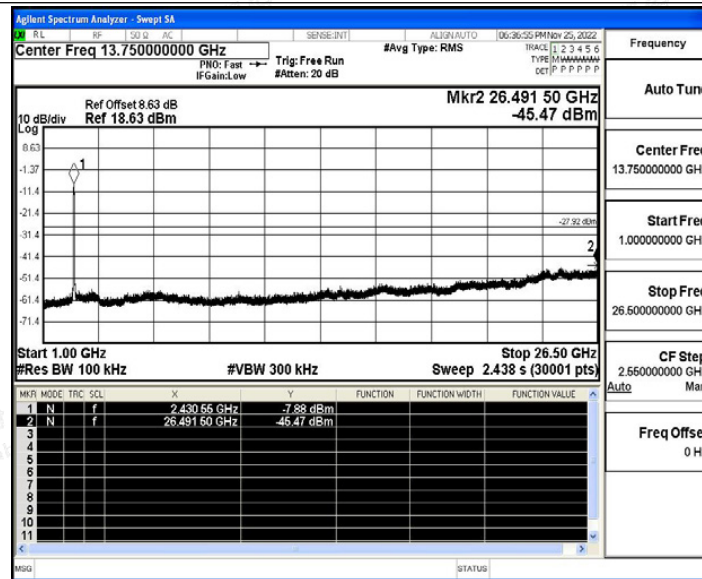


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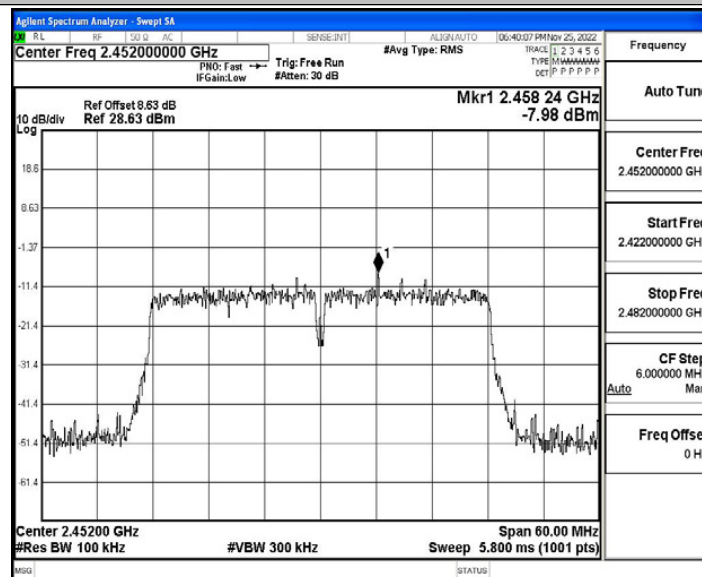


11N40SISO_Ant1_2437_1000~26500



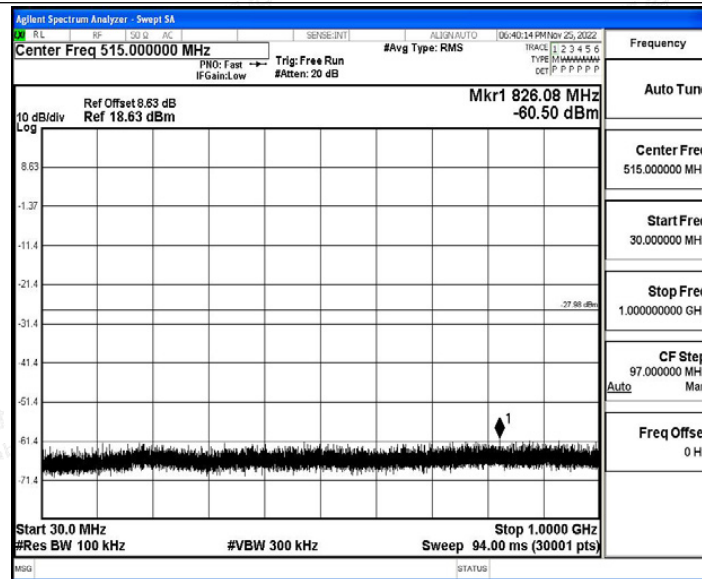


11N40SISO_Ant1_2452_0~Reference

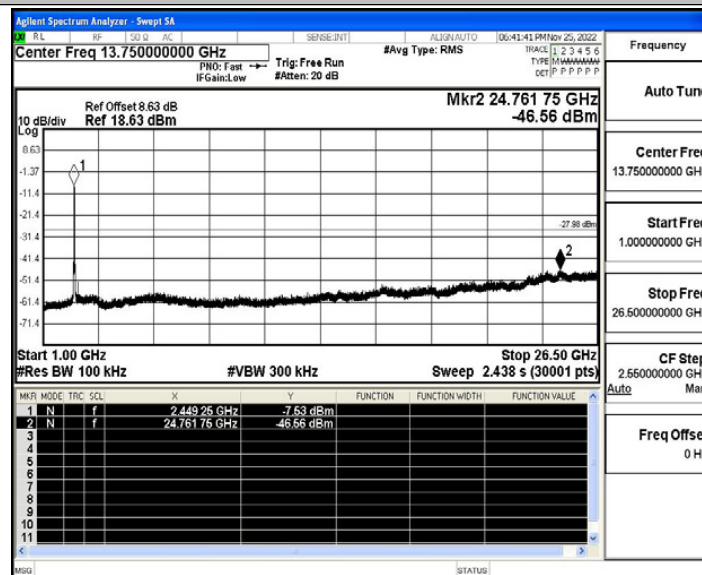


11N40SISO_Ant1_2452_30~1000





11N40SISO_Ant1_2452_1000~26500





B.6 Duty Cycle

Test Result

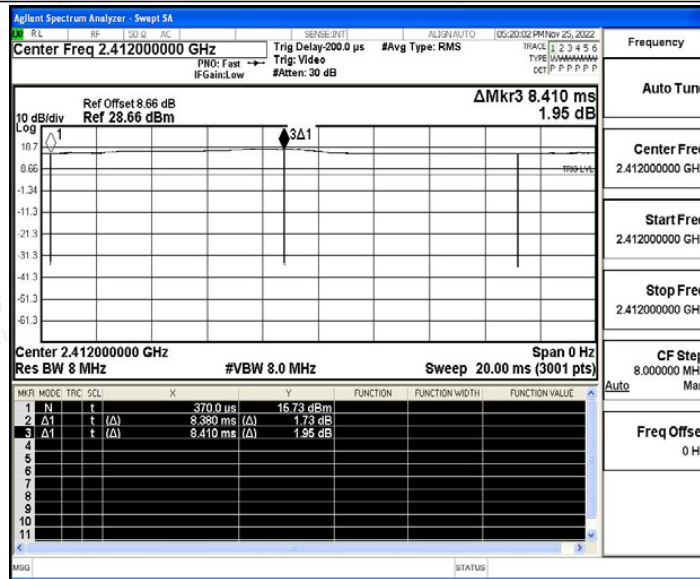
TestMode	Antenna	Freq(MHz)	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	1/T	Factor	Verdict
11B	Ant1	2412	8.38	8.41	99.64	0.01	0.02	---
		2437	8.39	8.42	99.64	0.01	0.02	---
		2462	8.39	8.42	99.64	0.01	0.02	---
11G	Ant1	2412	1.39	1.43	97.20	0.72	0.12	---
		2437	1.39	1.43	97.20	0.72	0.12	---
		2462	1.39	1.43	97.20	0.72	0.12	---
11N20SISO	Ant1	2412	1.30	1.34	97.01	0.77	0.13	---
		2437	1.30	1.34	97.01	0.77	0.13	---
		2462	1.30	1.33	97.74	0.77	0.10	---
11N40SISO	Ant1	2422	0.65	0.68	95.59	1.54	0.20	---
		2437	0.65	0.68	95.59	1.54	0.20	---
		2452	0.64	0.68	94.12	1.56	0.26	---



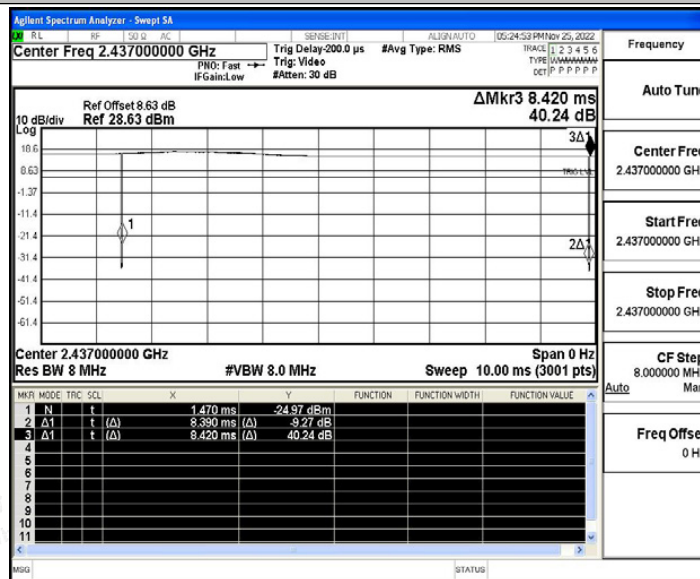


Test Graphs

11B_Ant1_2412

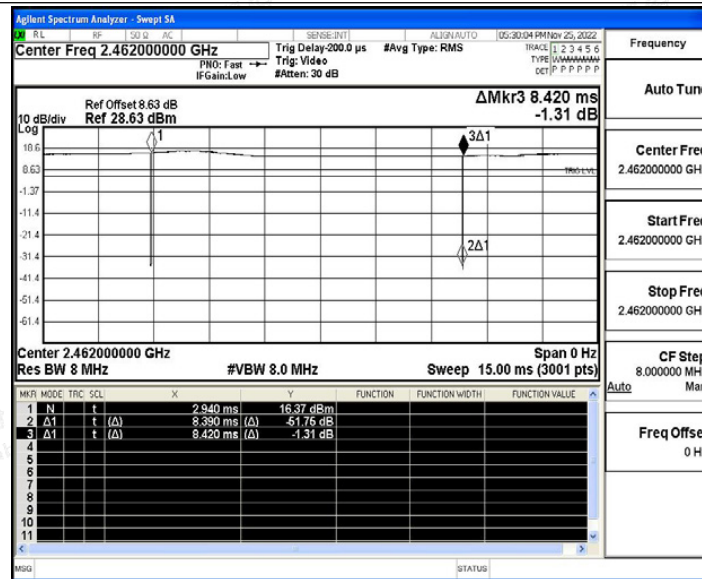


11B_Ant1_2437

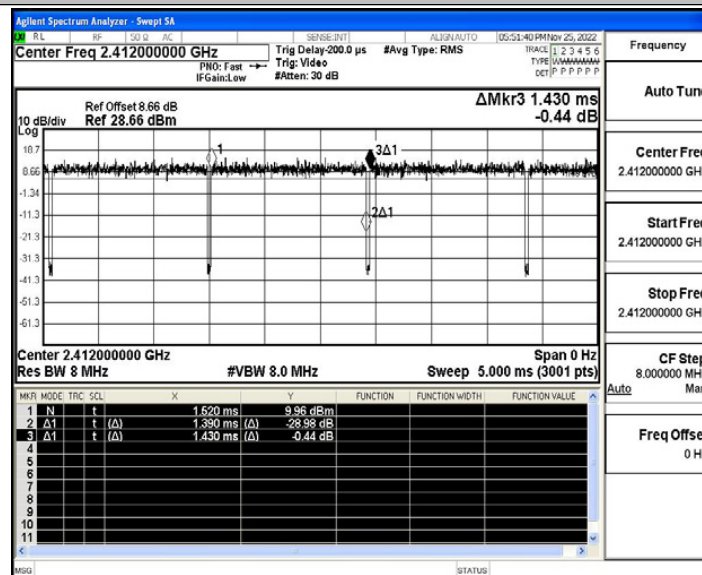


11B_Ant1_2462



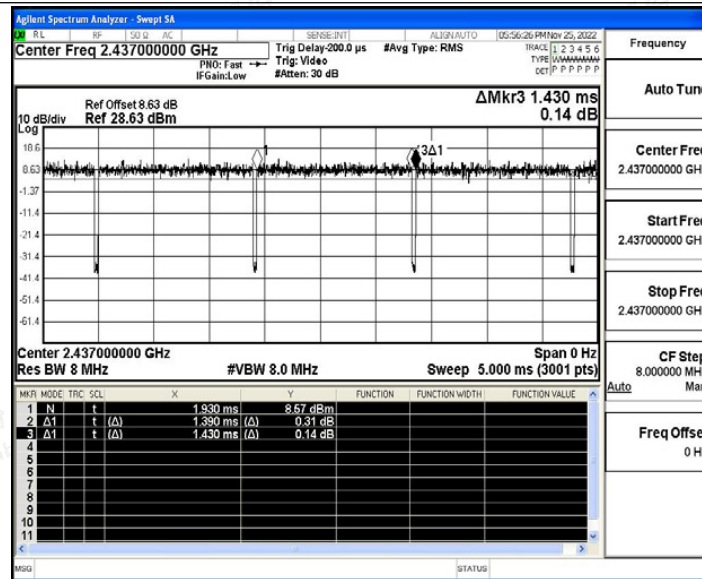


11G_Ant1_2412

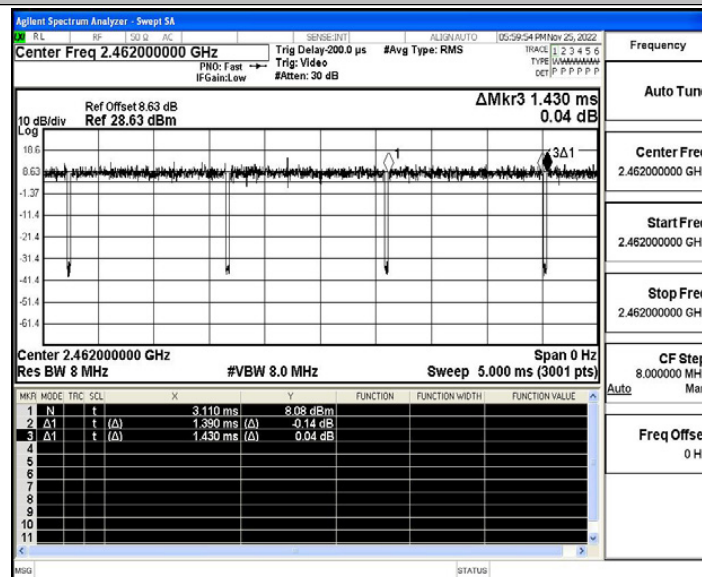


11G_Ant1_2437



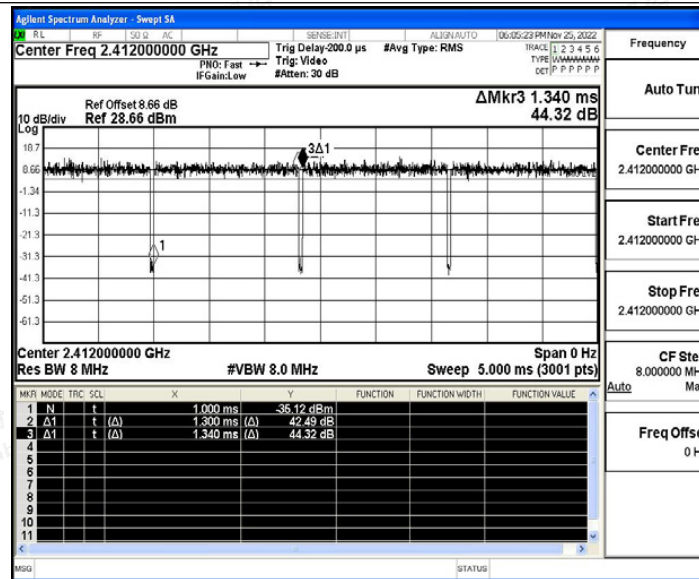


11G_Ant1_2462

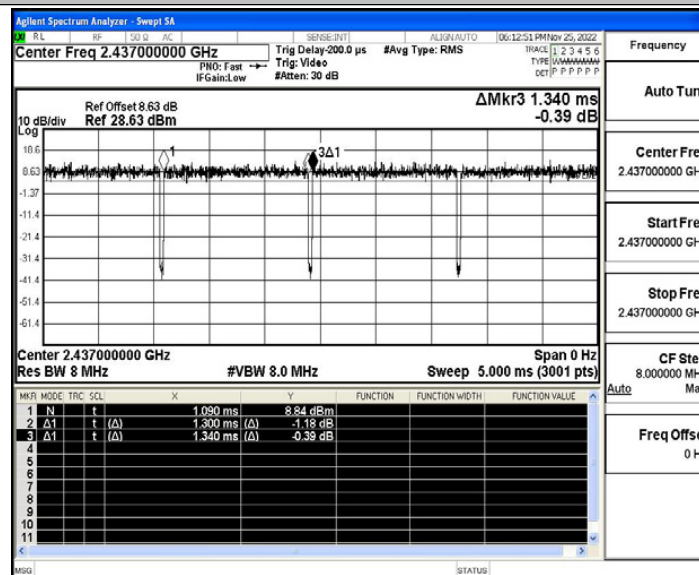


11N20SISO_Ant1_2412



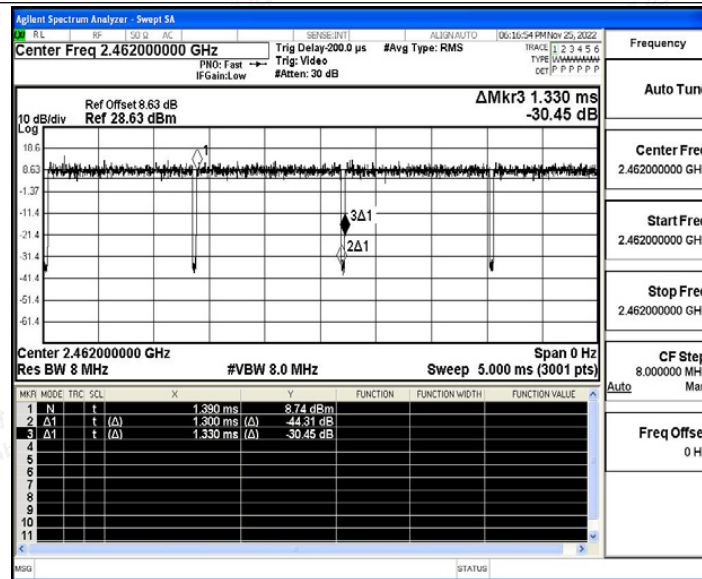


11N20SISO_Ant1_2437

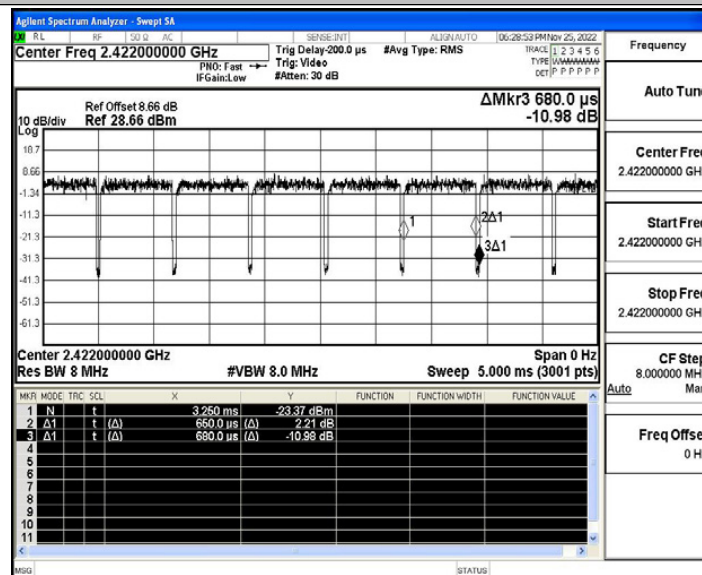


11N20SISO_Ant1_2462



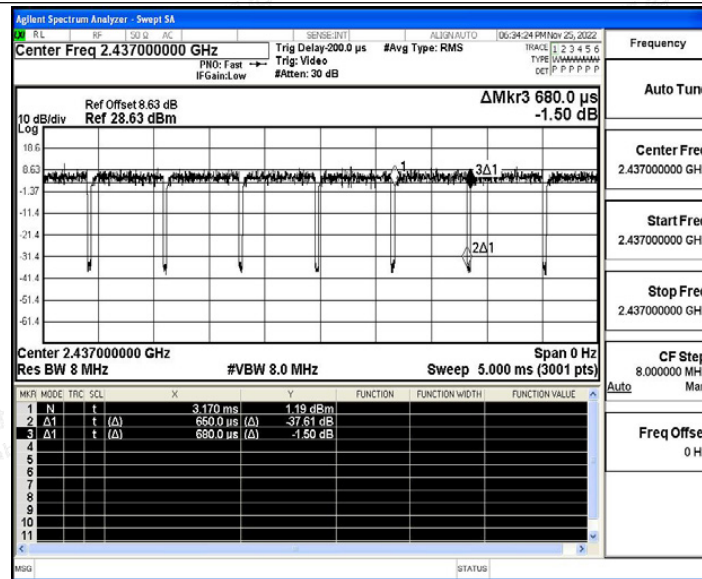


11N40SISO_Ant1_2422

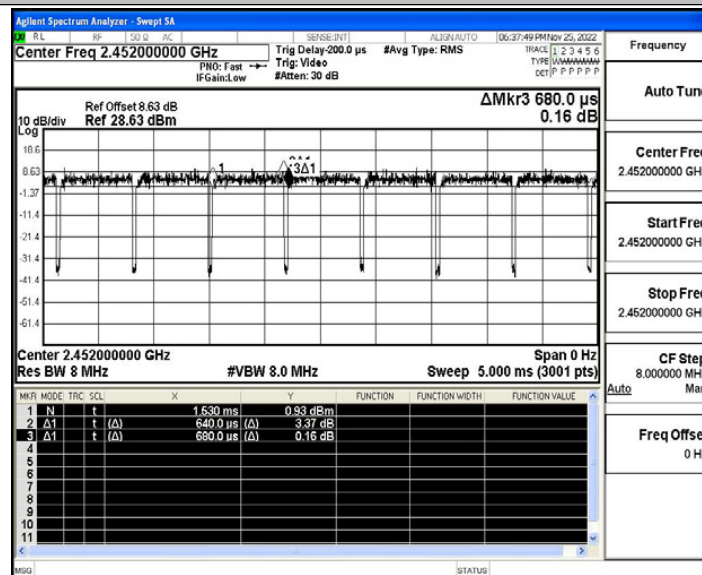


11N40SISO_Ant1_2437





11N40SISO_Ant1_2452





B.7 Emissions in Restricted Bands

Test Result

Test Mode	Antenna	ChName	Freq (MHz)	Detector	Freq [MHz]	Result [dBm]	Gain (dBi)	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11B	Ant1	Low	2412	AV	2310.000	-58.44	2	≤-41.20	38.82	≤54	PASS
				AV	2389.700	-54.07	2	≤-41.20	43.19	≤54	PASS
				AV	2390.000	-54.31	2	≤-41.20	42.95	≤54	PASS
				Peak	2310.000	-48.05	2	≤-21.20	49.21	≤74	PASS
				Peak	2388.530	-43.23	2	≤-21.20	54.03	≤74	PASS
				Peak	2390.000	-44.09	2	≤-21.20	53.17	≤74	PASS
		High	2462	AV	2483.500	-54.51	2	≤-41.20	42.75	≤54	PASS
				AV	2486.860	-54.41	2	≤-41.20	42.85	≤54	PASS
				AV	2500.000	-56.63	2	≤-41.20	40.63	≤54	PASS
				Peak	2483.500	-44.97	2	≤-21.20	52.29	≤74	PASS
				Peak	2487.080	-44.08	2	≤-21.20	53.18	≤74	PASS
				Peak	2500.000	-45.9	2	≤-21.20	51.36	≤74	PASS
11G	Ant1	Low	2412	AV	2310.000	-57.51	2	≤-41.20	39.75	≤54	PASS
				AV	2389.960	-49.36	2	≤-41.20	47.9	≤54	PASS
				AV	2390.000	-49.36	2	≤-41.20	47.9	≤54	PASS
				Peak	2310.000	-47.94	2	≤-21.20	49.32	≤74	PASS
				Peak	2389.960	-32.64	2	≤-21.20	64.62	≤74	PASS
				Peak	2390.000	-32.64	2	≤-21.20	64.62	≤74	PASS
		High	2462	AV	2483.500	-51.3	2	≤-41.20	45.96	≤54	PASS
				AV	2483.560	-51.39	2	≤-41.20	45.87	≤54	PASS
				AV	2500.000	-54.17	2	≤-41.20	43.09	≤54	PASS
				Peak	2483.500	-35.28	2	≤-21.20	61.98	≤74	PASS
				Peak	2483.780	-34.85	2	≤-21.20	62.41	≤74	PASS
				Peak	2500.000	-43.61	2	≤-21.20	53.65	≤74	PASS
11N20SI SO	Ant1	Low	2412	AV	2310.000	-57.79	2	≤-41.20	39.47	≤54	PASS
				AV	2389.830	-50.33	2	≤-41.20	46.93	≤54	PASS
				AV	2390.000	-50.33	2	≤-41.20	46.93	≤54	PASS
				Peak	2310.000	-47.87	2	≤-21.20	49.39	≤74	PASS
				Peak	2389.570	-33.06	2	≤-21.20	64.2	≤74	PASS
				Peak	2390.000	-33.27	2	≤-21.20	63.99	≤74	PASS
		High	2462	AV	2483.500	-49.68	2	≤-41.20	47.58	≤54	PASS
				AV	2484.000	-49.27	2	≤-41.20	47.99	≤54	PASS
				AV	2500.000	-53.94	2	≤-41.20	43.32	≤54	PASS
				Peak	2483.500	-30.94	2	≤-21.20	66.32	≤74	PASS
				Peak	2483.560	-28.17	2	≤-21.20	69.09	≤74	PASS





11N40SI SO	Ant1	Low	2422	Peak	2500.000	-42.27	2	≤-21.20	54.99	≤74	PASS
				AV	2310.000	-58.06	2	≤-41.20	39.2	≤54	PASS
				AV	2388.660	-51.78	2	≤-41.20	45.48	≤54	PASS
				AV	2390.000	-52	2	≤-41.20	45.26	≤54	PASS
				Peak	2310.000	-48.22	2	≤-21.20	49.04	≤74	PASS
				Peak	2389.570	-35.24	2	≤-21.20	62.02	≤74	PASS
		High	2452	AV	2483.500	-44.34	2	≤-41.20	52.92	≤54	PASS
				AV	2484.660	-44.43	2	≤-41.20	52.83	≤54	PASS
				AV	2500.000	-51.69	2	≤-41.20	45.57	≤54	PASS
				Peak	2483.500	-26.88	2	≤-21.20	70.38	≤74	PASS
				Peak	2484.880	-26	2	≤-21.20	71.26	≤74	PASS
				Peak	2500.000	-38.45	2	≤-21.20	58.81	≤74	PASS

Note:

1. The Antenna Gain is compensated in the graph.
2. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

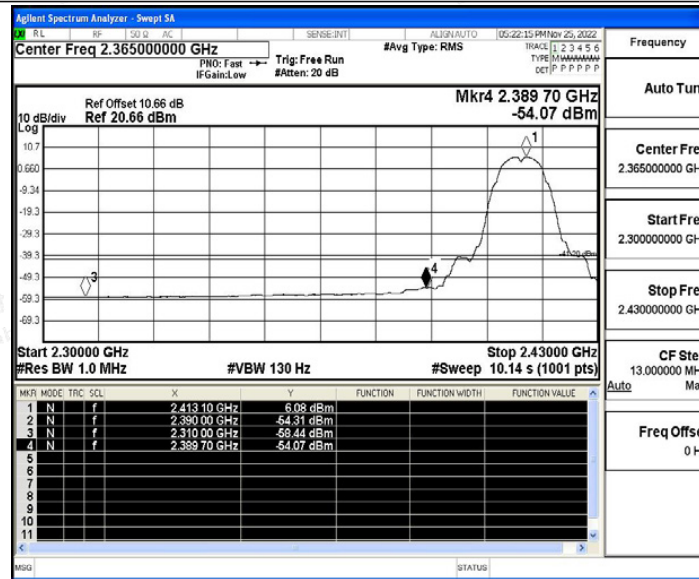


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Scan code to check authenticity

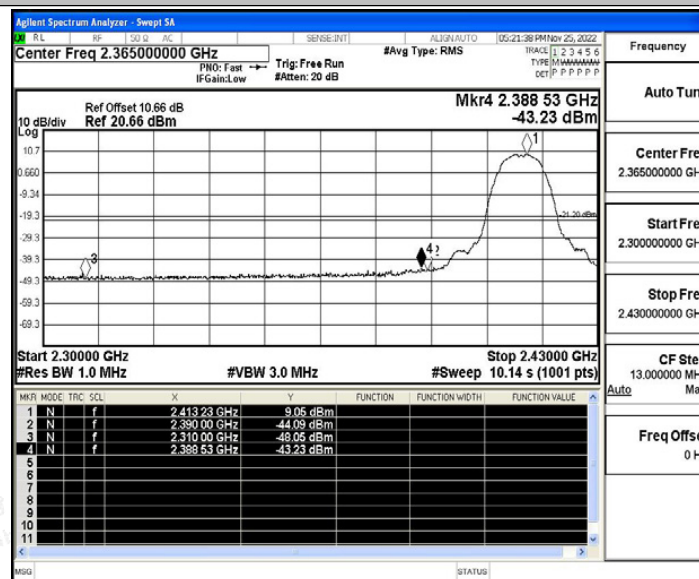


Test Graphs

11B_Ant1_Low_2412_AV

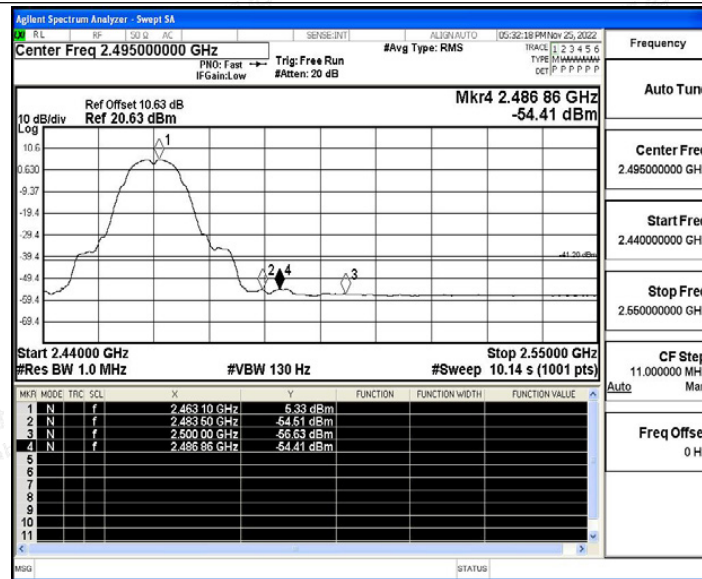


11B_Ant1_Low_2412_Peak

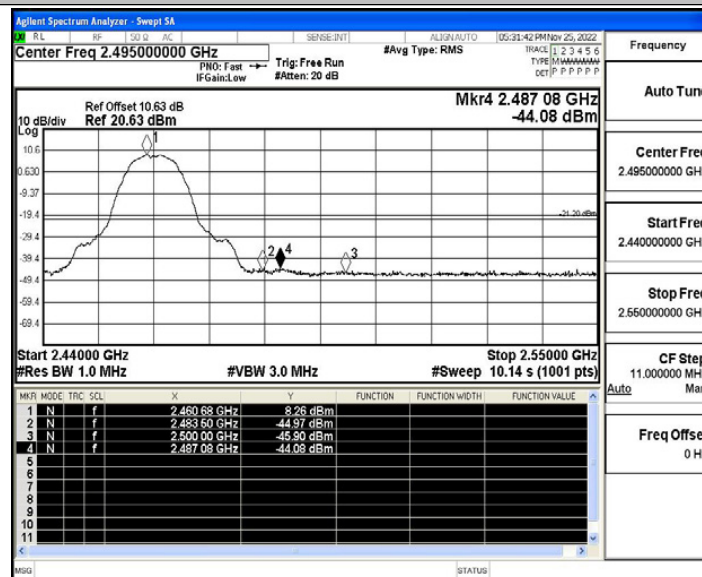


11B_Ant1_High_2462_AV



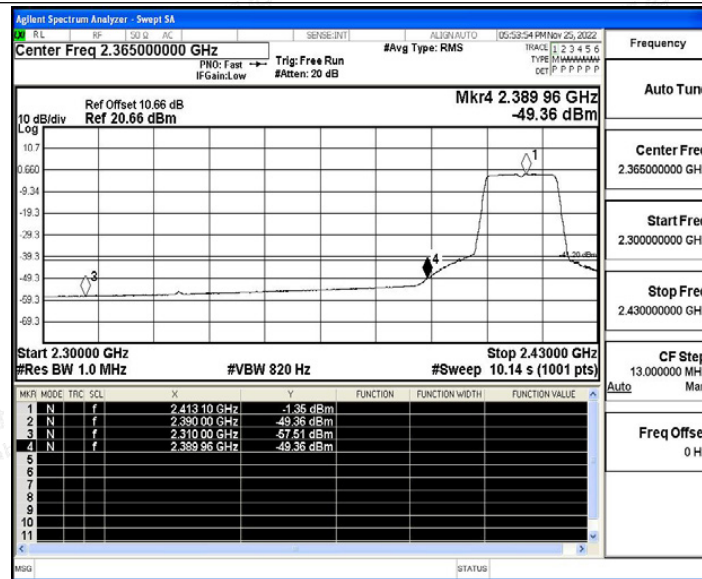


11B_Ant1_High_2462_Peak

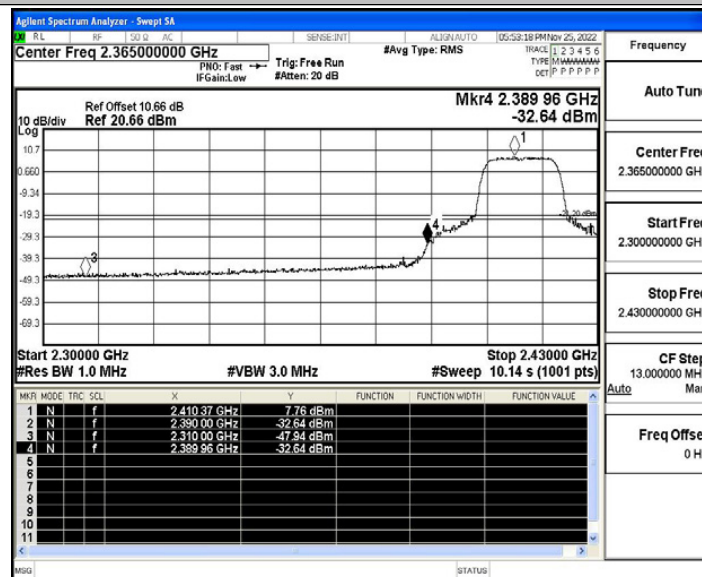


11G_Ant1_Low_2412_AV



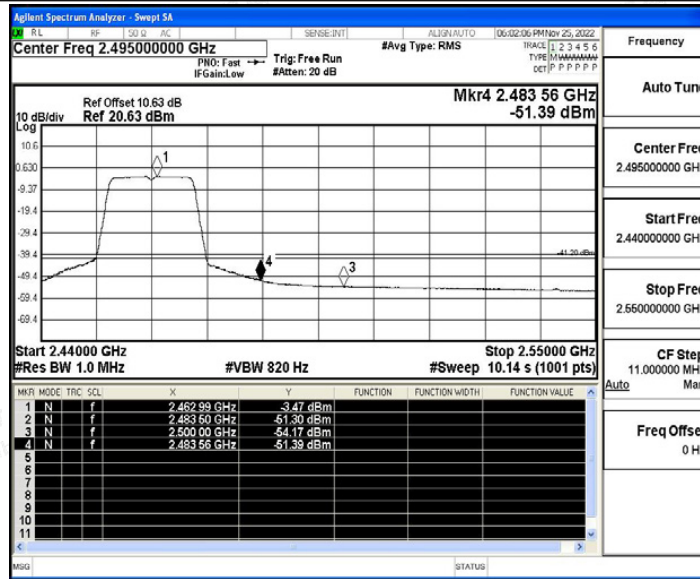


11G_Ant1_Low_2412_Peak

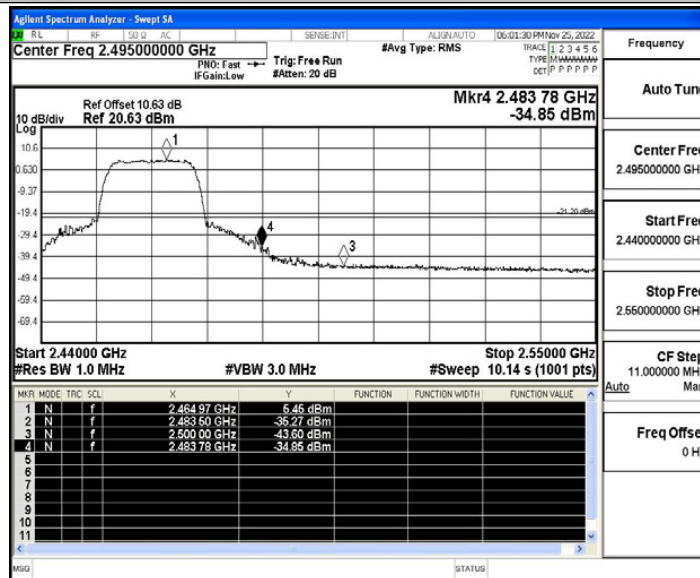


11G_Ant1_High_2462_AV



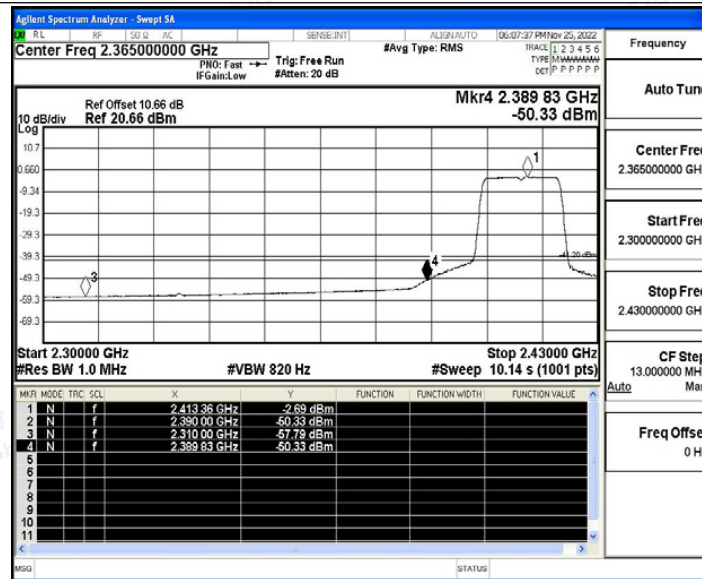


11G_Ant1_High_2462_Peak

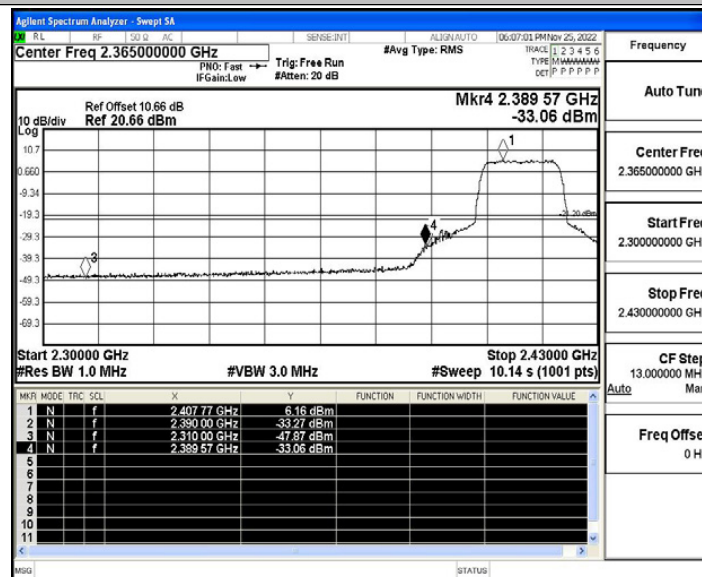


11N20SISO_Ant1_Low_2412_AV



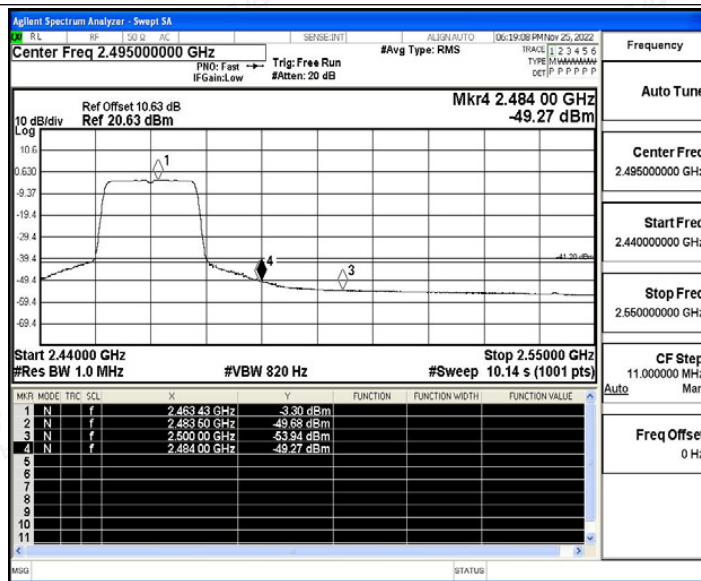


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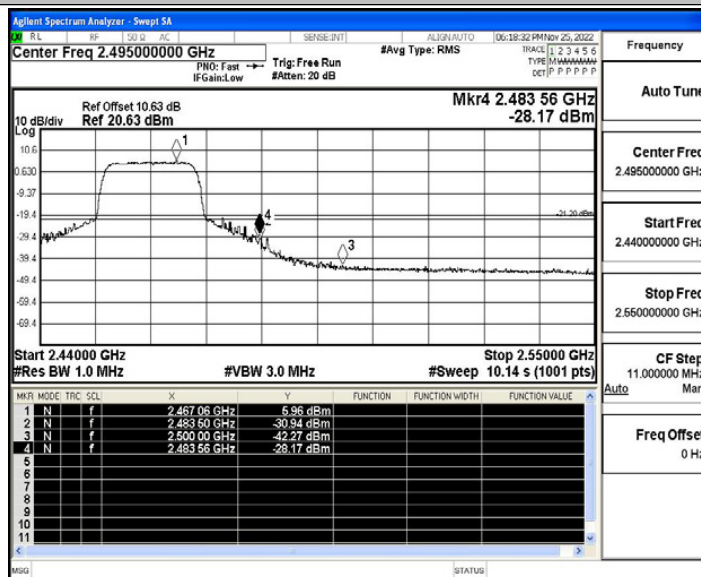


11N20SISO_Ant1_High_2462_AV



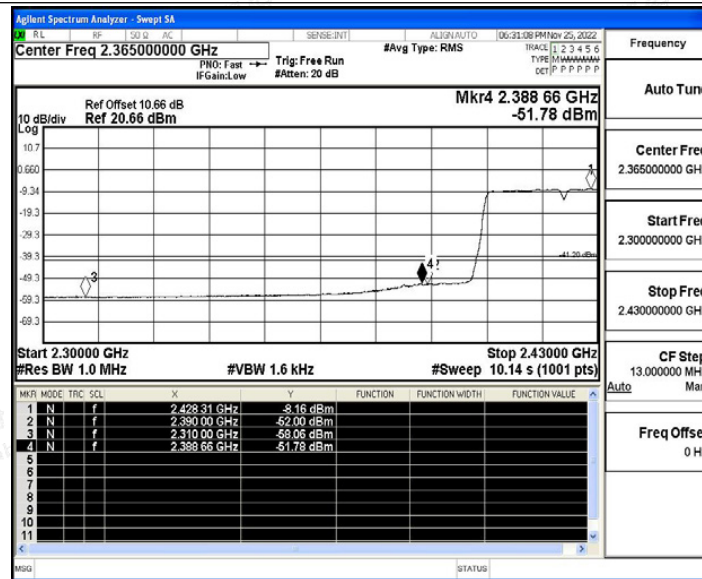


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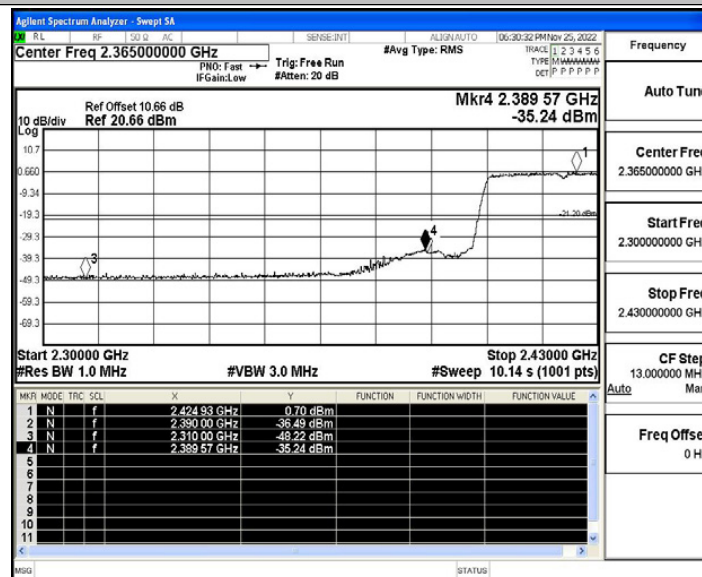


11N40SISO_Ant1_Low_2422_AV



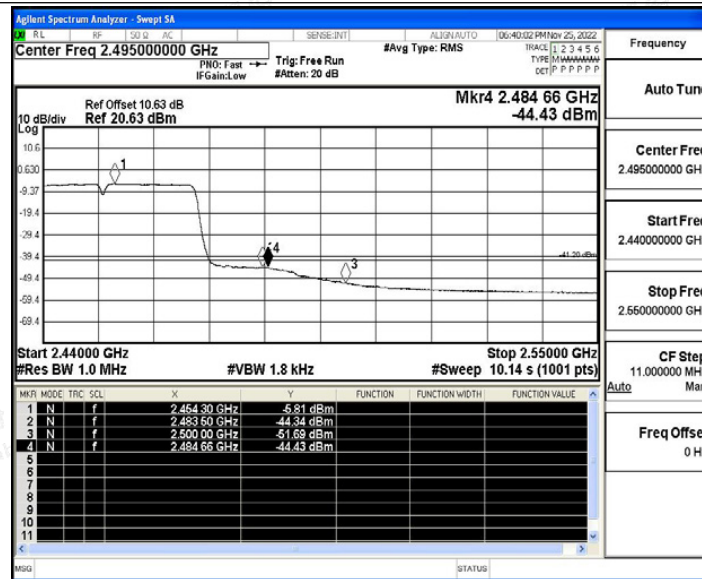


11N40SISO_Ant1_Low_2422_Peak



11N40SISO_Ant1_High_2452_AV





11N40SISO_Ant1_High_2452_Peak

