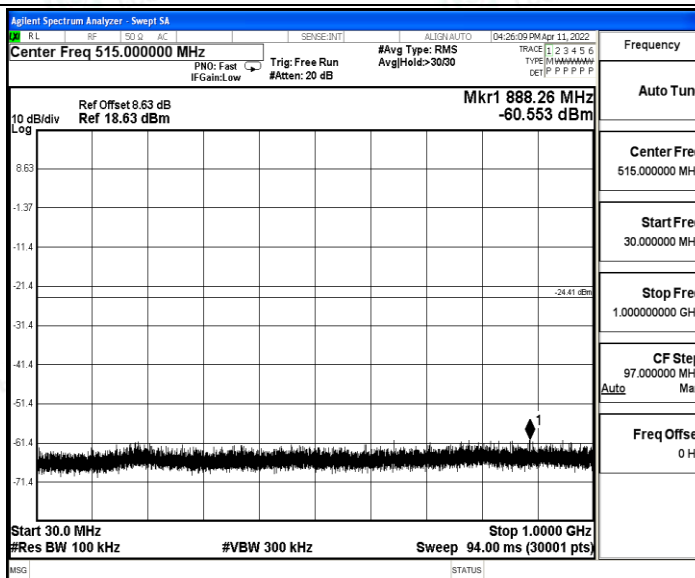
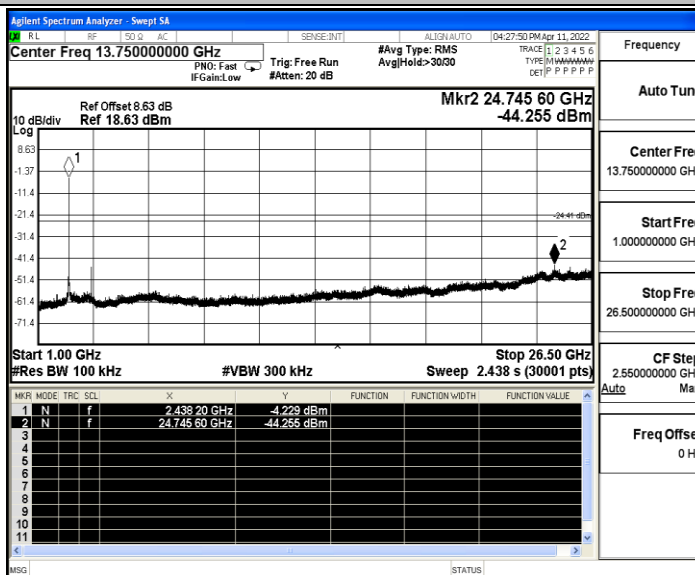
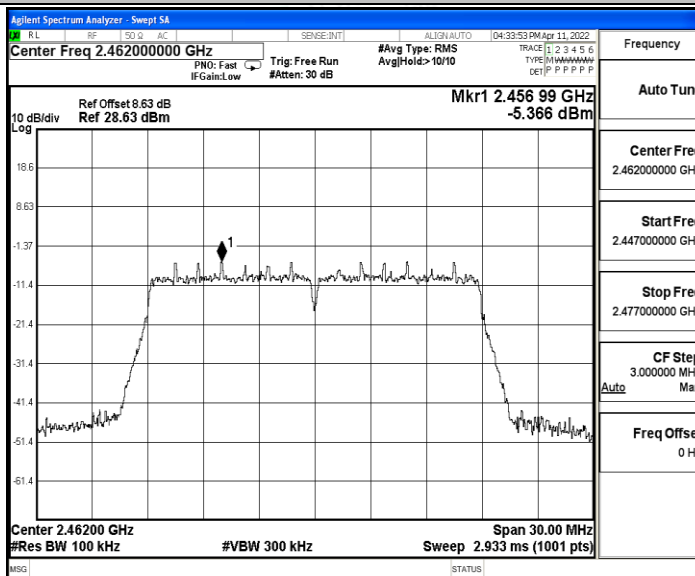




11N20SISO_Ant1_2437_1000~26500



11N20SISO_Ant1_2462_0~Reference



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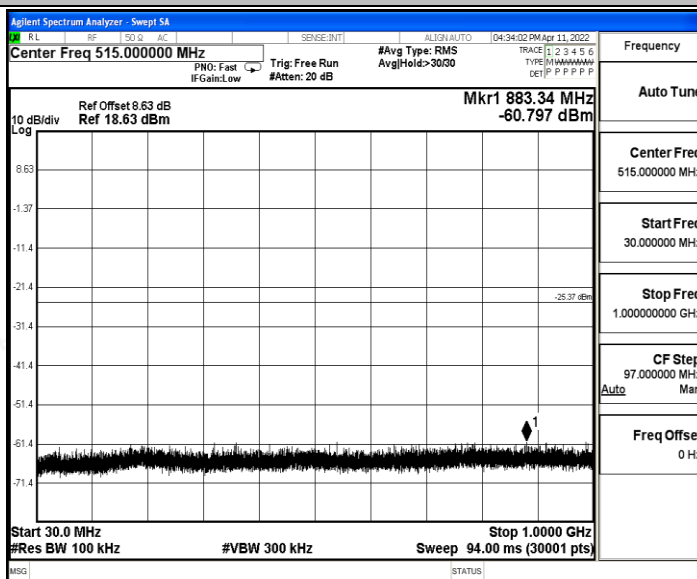
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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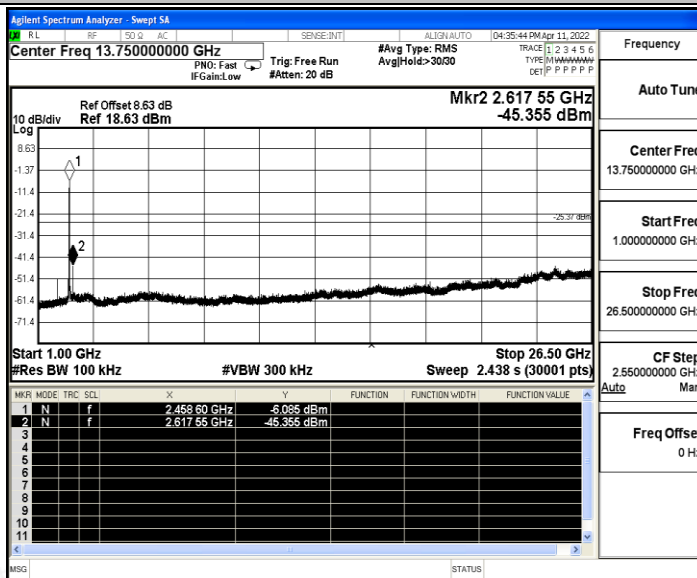
Scan code to check authenticity



11N20SISO_Ant1_2462_30~1000



11N20SISO_Ant1_2462_1000~26500



11N40SISO_Ant1_2422_0~Reference

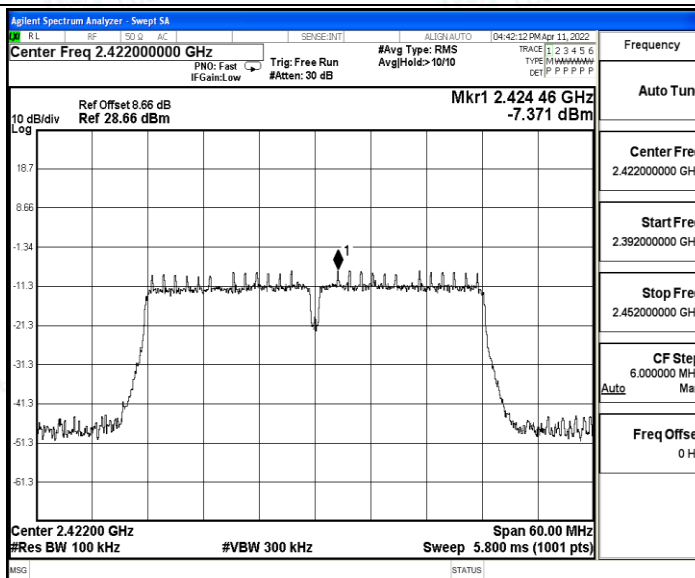


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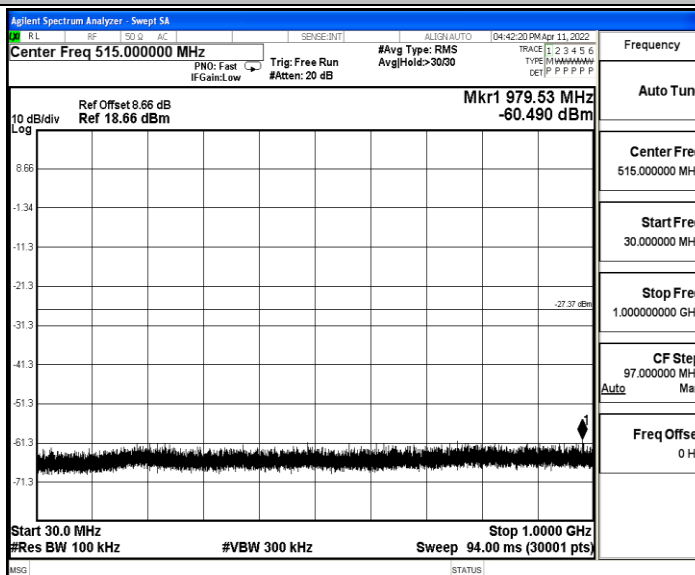
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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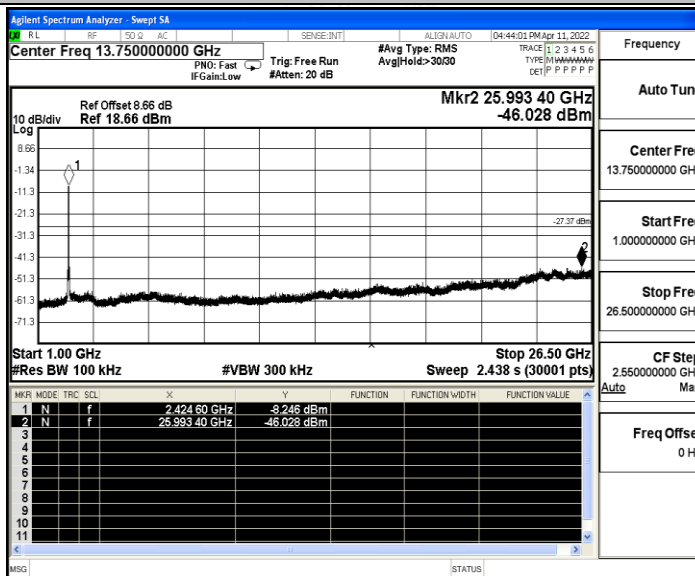
Scan code to check authenticity



11N40SISO_Ant1_2422_30~1000

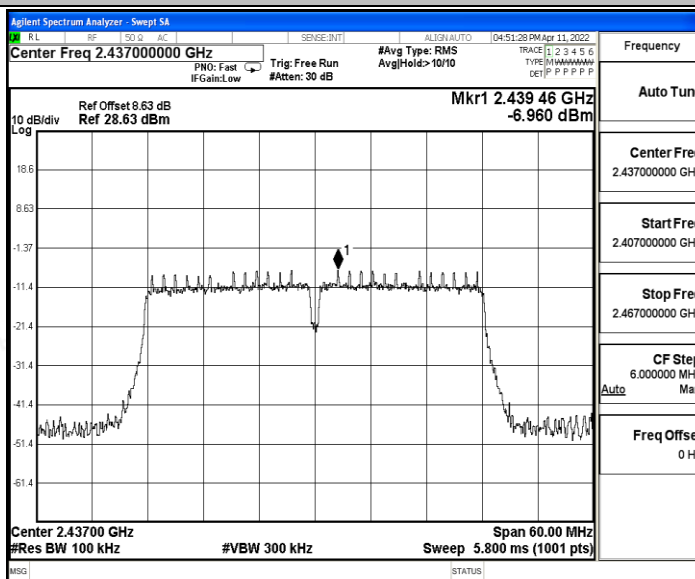


11N40SISO_Ant1_2422_1000~26500

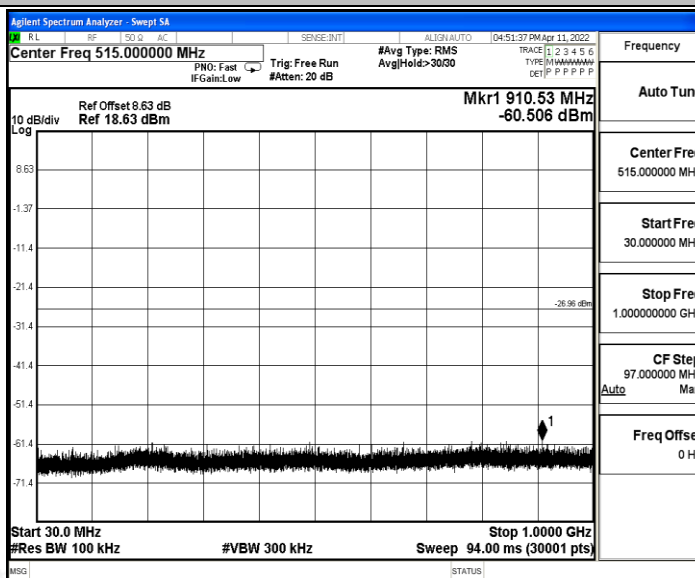




11N40SISO_Ant1_2437_0~Reference

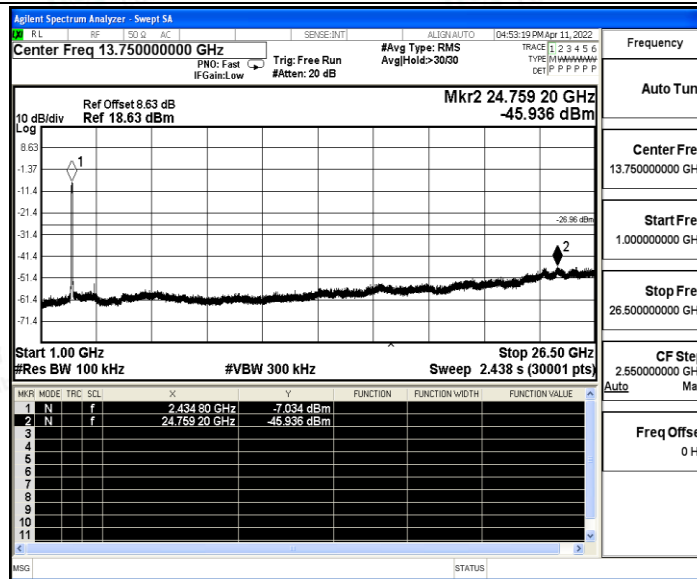


11N40SISO_Ant1_2437_30~1000

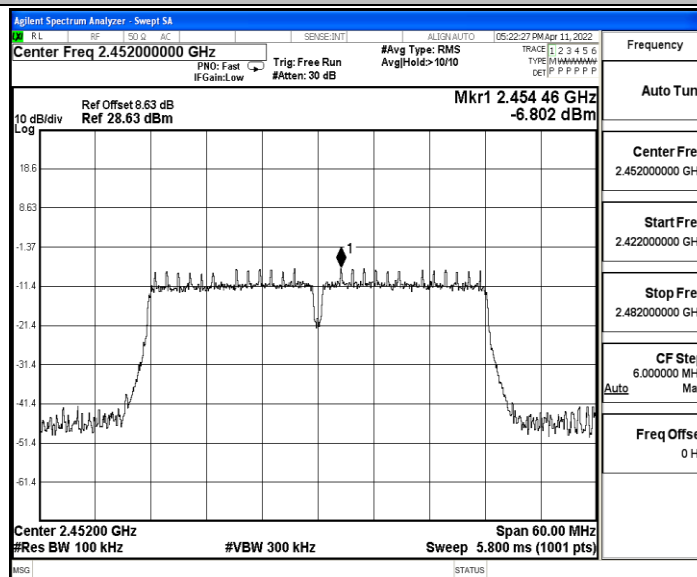


11N40SISO_Ant1_2437_1000~26500

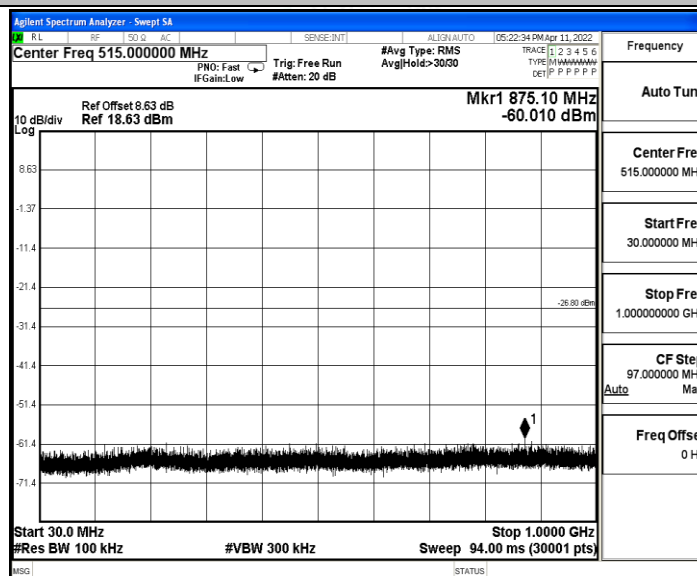




11N40SISO_Ant1_2452_0~Reference



11N40SISO_Ant1_2452_30~1000



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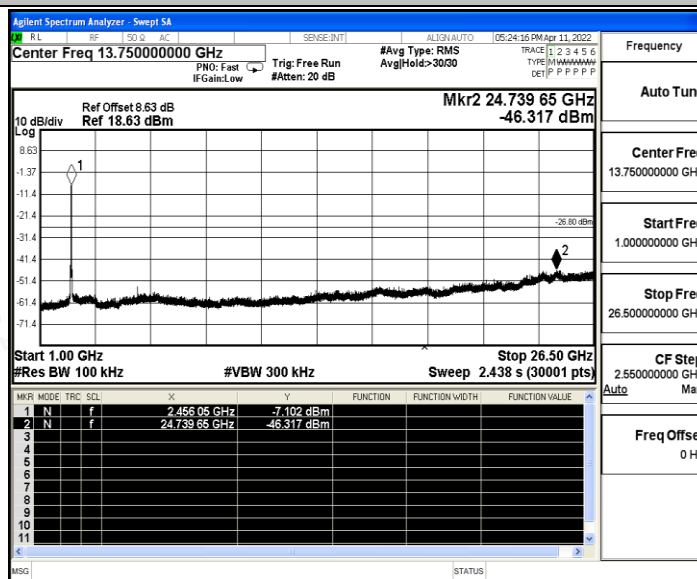
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11N40SISO_Ant1_2452_1000~26500



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B.6 Duty Cycle

Test Result

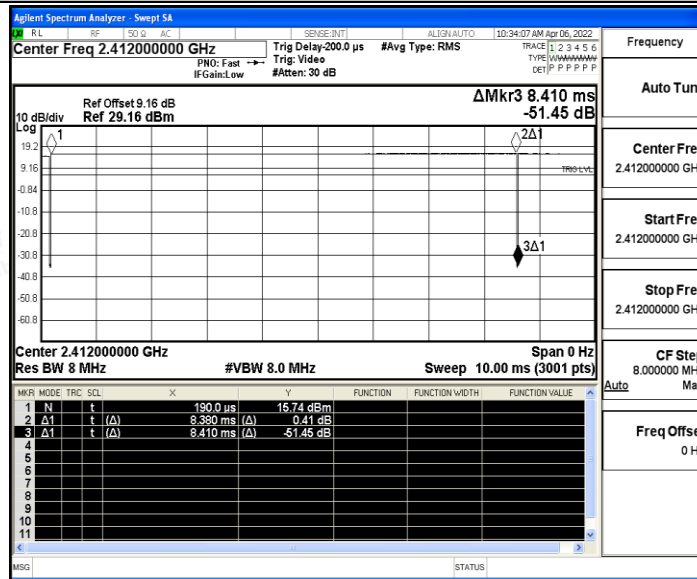
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant0	2412	8.38	8.41	99.64	---	---
		2437	8.38	8.41	99.64	---	---
		2462	8.38	8.41	99.64	---	---
11G	Ant0	2412	1.40	1.43	97.90	---	---
		2437	1.40	1.43	97.90	---	---
		2462	1.39	1.43	97.20	---	---
11N20SISO	Ant0	2412	1.30	1.34	97.01	---	---
		2437	1.30	1.34	97.01	---	---
		2462	1.30	1.33	97.74	---	---
11N40SISO	Ant0	2422	0.65	0.68	95.59	---	---
		2437	0.65	0.68	95.59	---	---
		2452	0.65	0.68	95.59	---	---



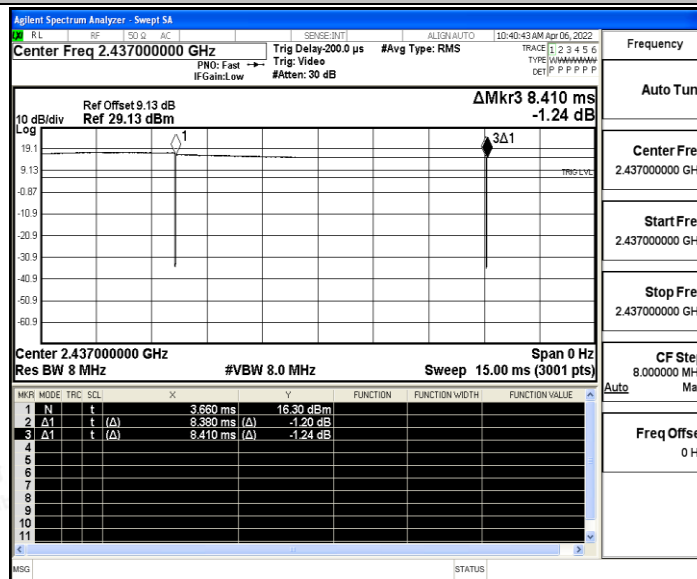


Test Graphs

11B_Ant0_2412

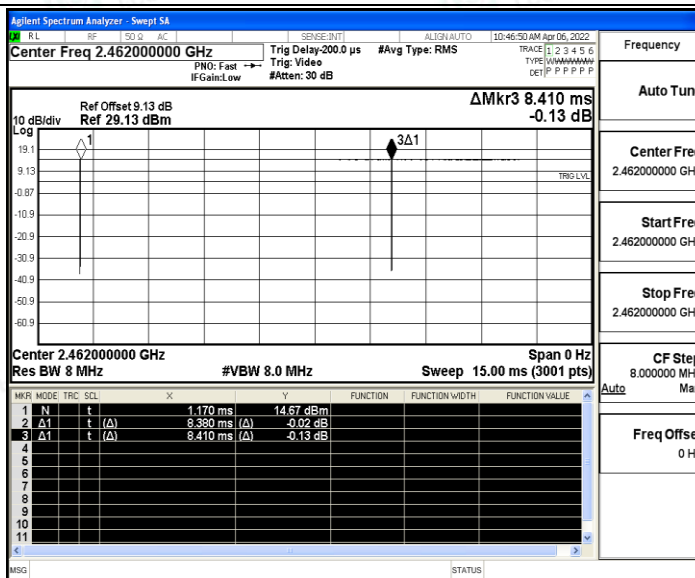


11B_Ant0_2437

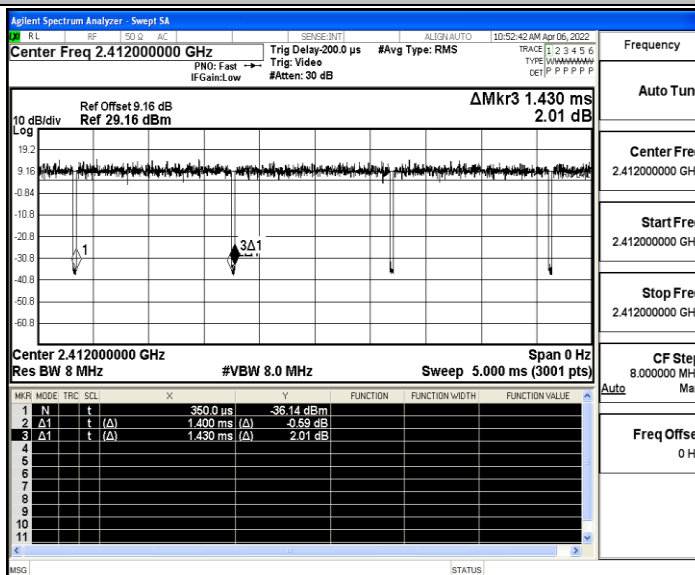


11B_Ant0_2462

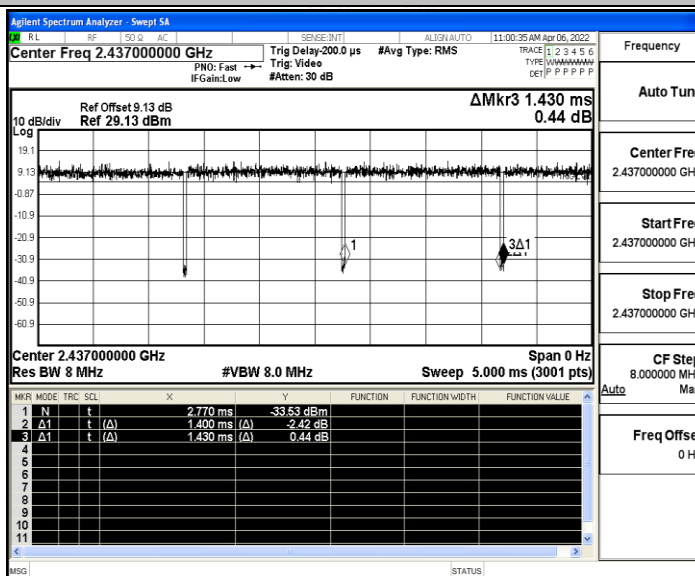




11G_Ant0_2412

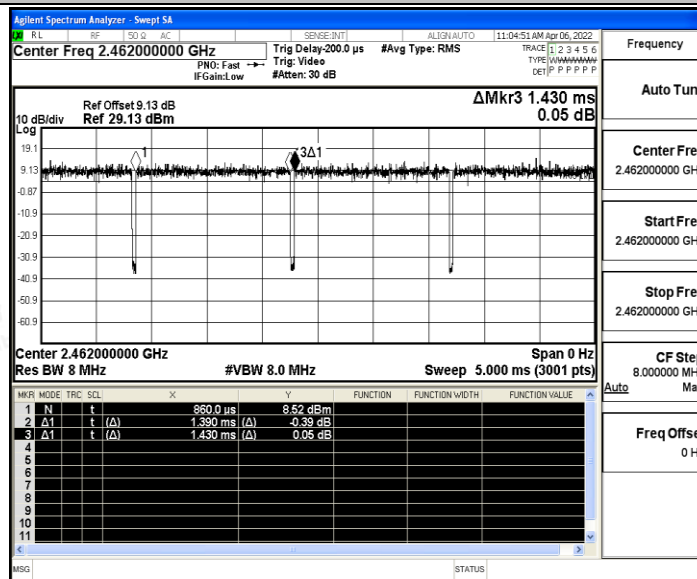


11G_Ant0_2437

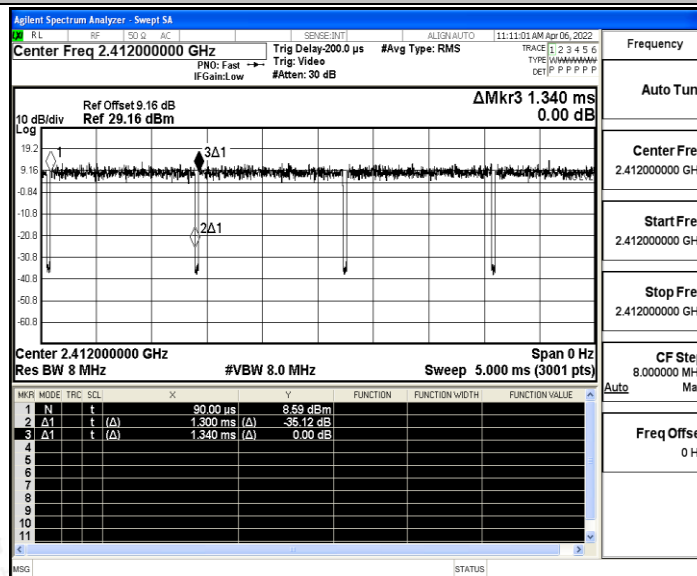




11G_Ant0_2462



11N20SISO_Ant0_2412



11N20SISO_Ant0_2437

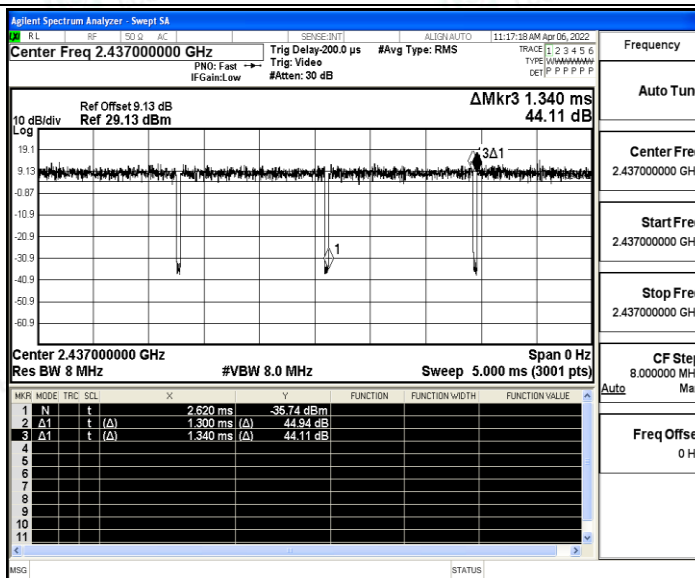


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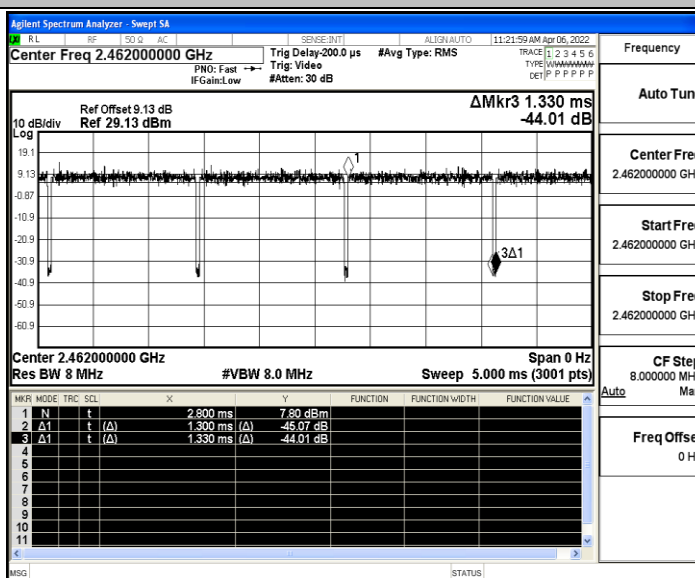
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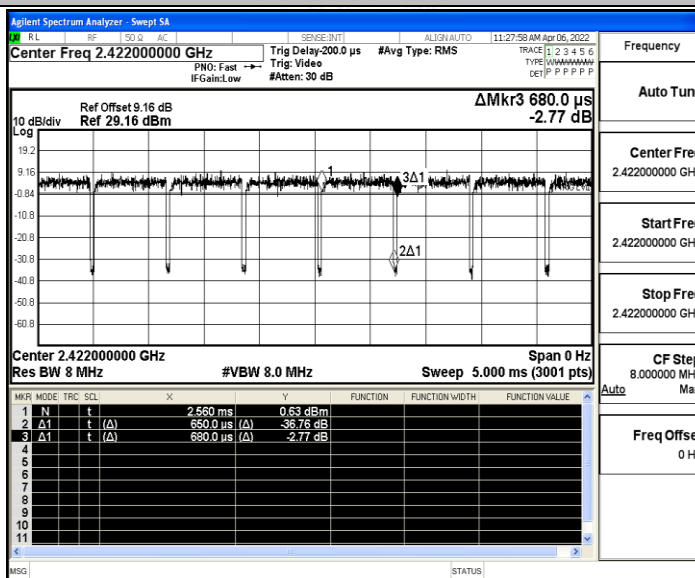
Scan code to check authenticity



11N20SISO_Ant0_2462



11N40SISO_Ant0_2422



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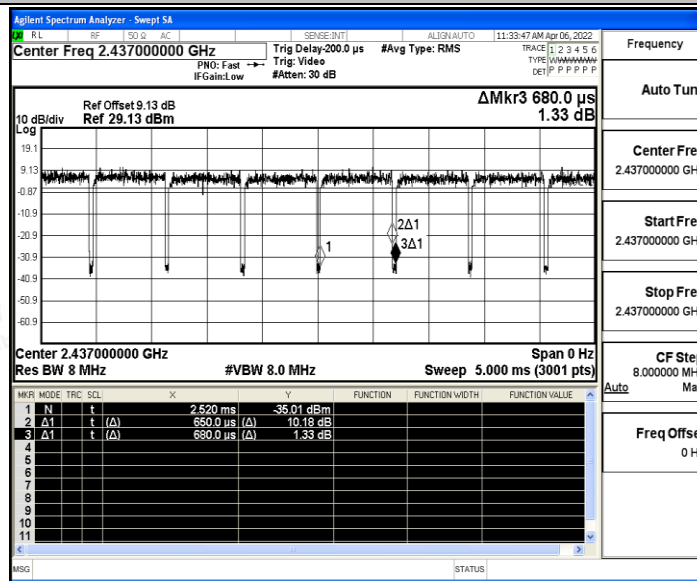
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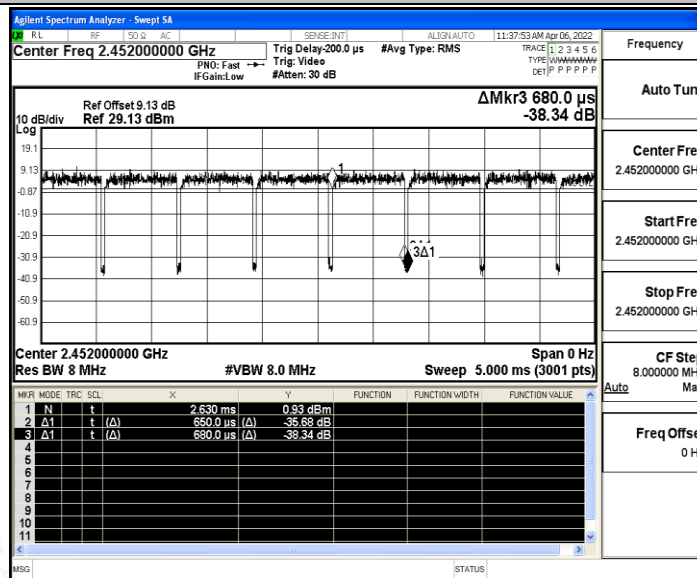
Scan code to check authenticity



11N40SISO_Ant0_2437



11N40SISO_Ant0_2452





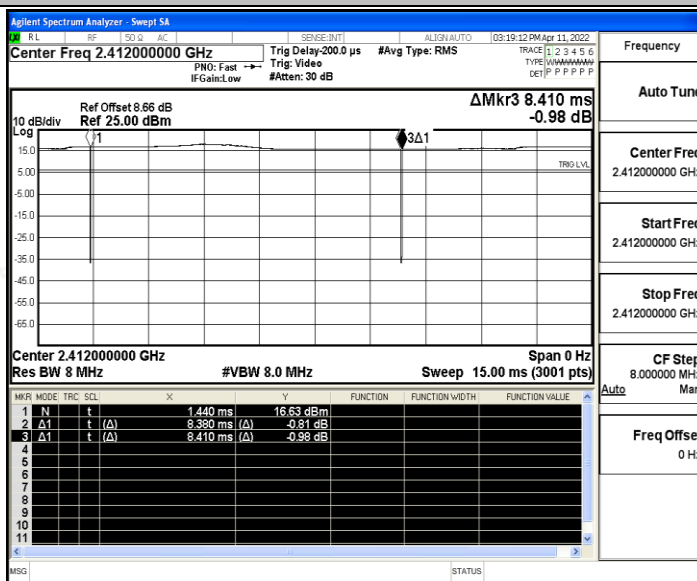
TestMode	Antenna	Channel	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Limit	Verdict
11B	Ant1	2412	8.38	8.41	99.64	---	---
		2437	8.38	8.41	99.64	---	---
		2462	8.39	8.42	99.64	---	---
11G	Ant1	2412	1.39	1.43	97.20	---	---
		2437	1.40	1.43	97.90	---	---
		2462	1.40	1.43	97.90	---	---
11N20SISO	Ant1	2412	1.30	1.34	97.01	---	---
		2437	1.30	1.34	97.01	---	---
		2462	1.30	1.34	97.01	---	---
11N40SISO	Ant1	2422	0.64	0.68	94.12	---	---
		2437	0.65	0.69	94.20	---	---
		2452	0.65	0.68	95.59	---	---



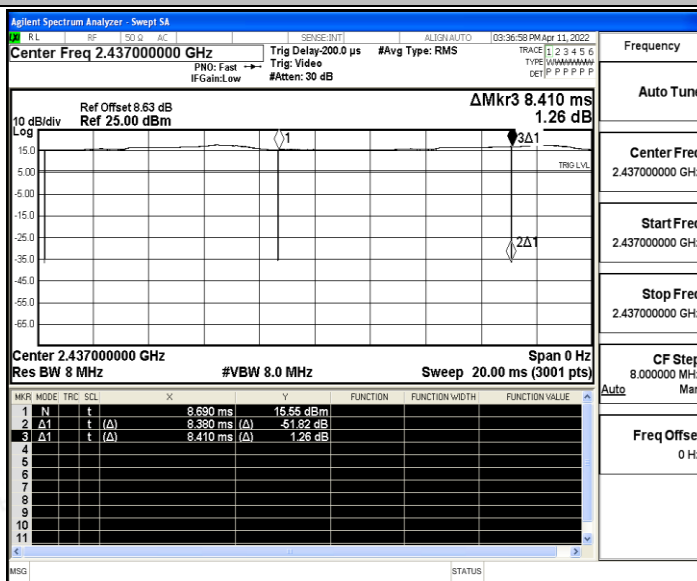


Test Graphs

11B_Ant1_2412



11B_Ant1_2437



11B_Ant1_2462

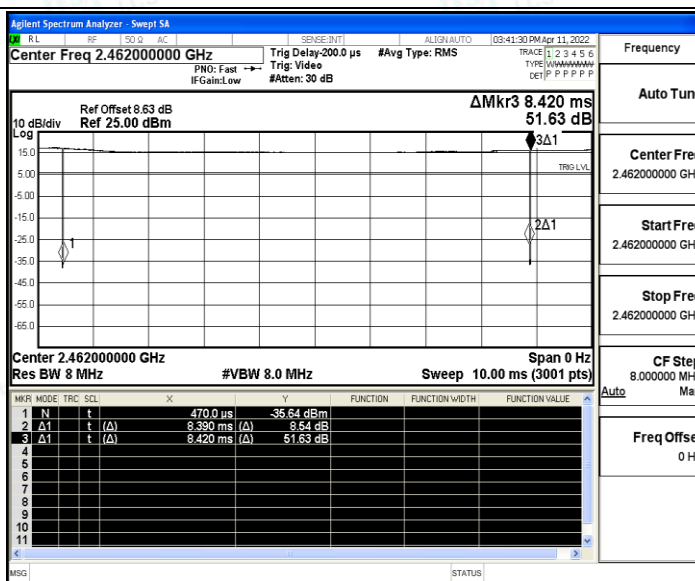


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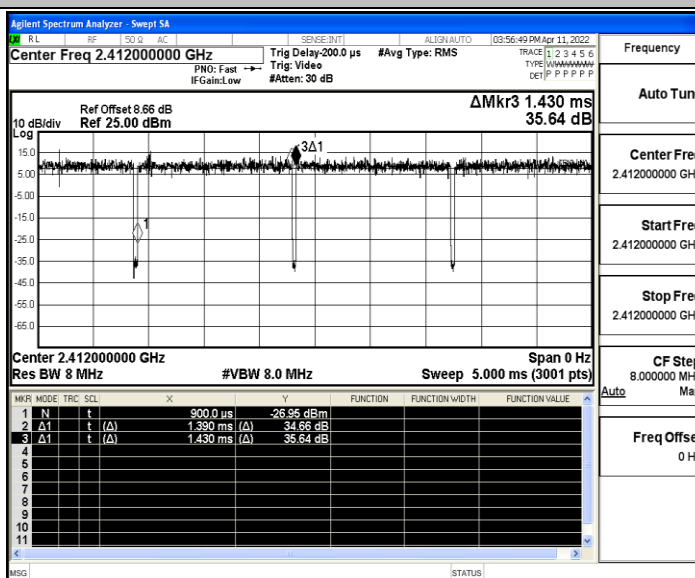
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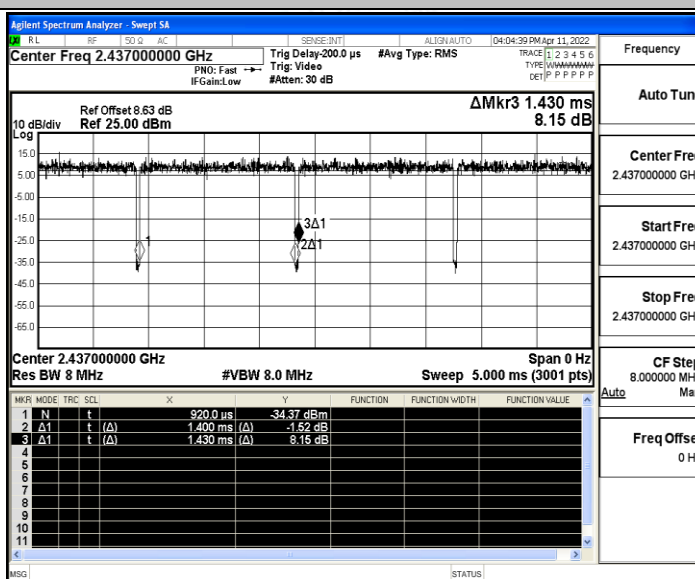
Scan code to check authenticity



11G_Ant1_2412

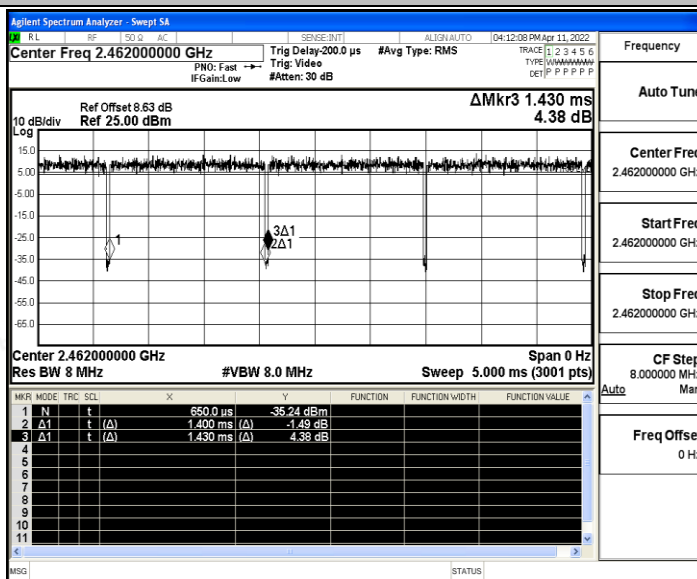


11G_Ant1_2437

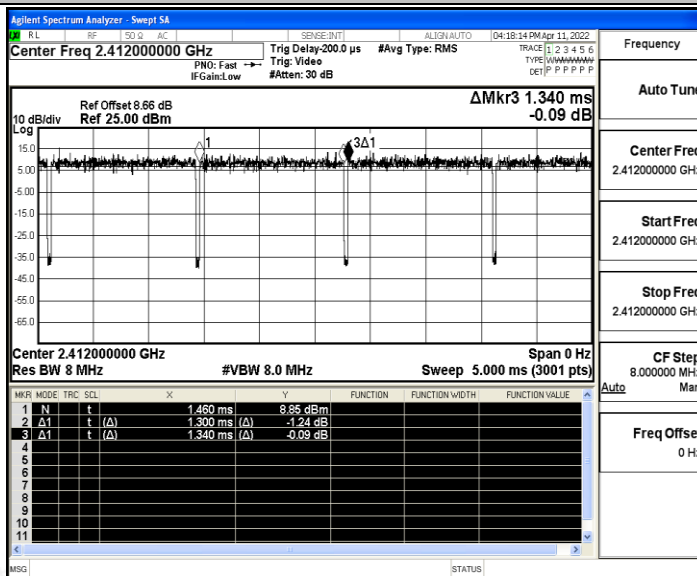




11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437

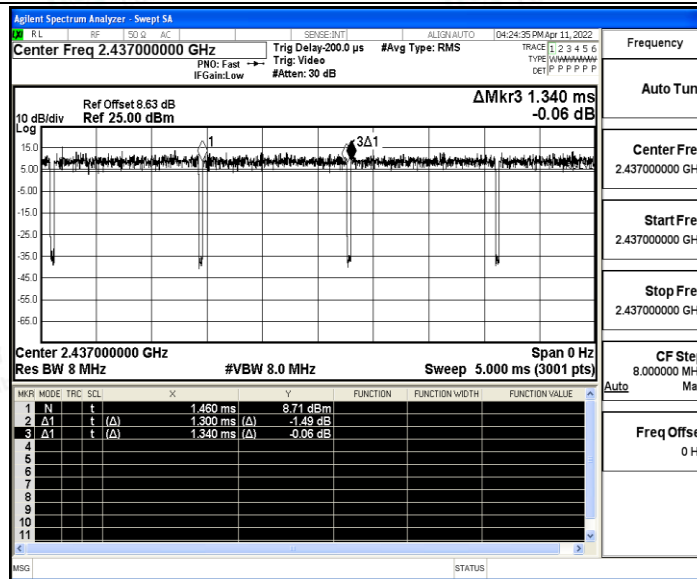


Shenzhen LCS Compliance Testing Laboratory Ltd.

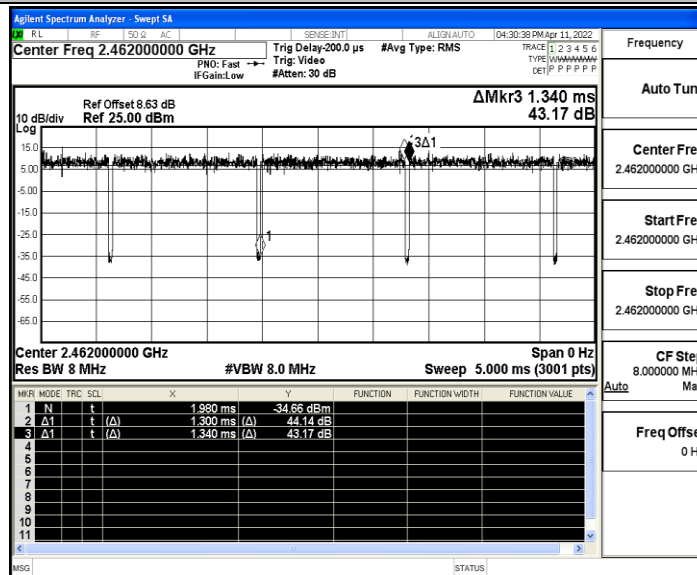
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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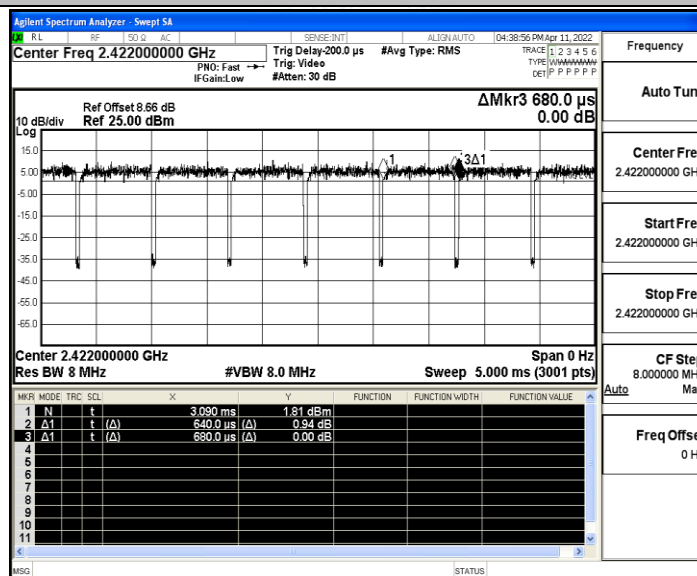
Scan code to check authenticity



11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



Shenzhen LCS Compliance Testing Laboratory Ltd.

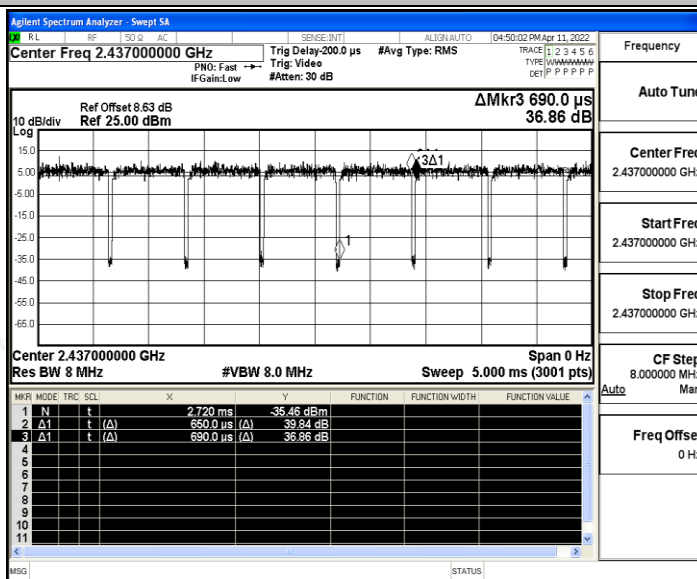
Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

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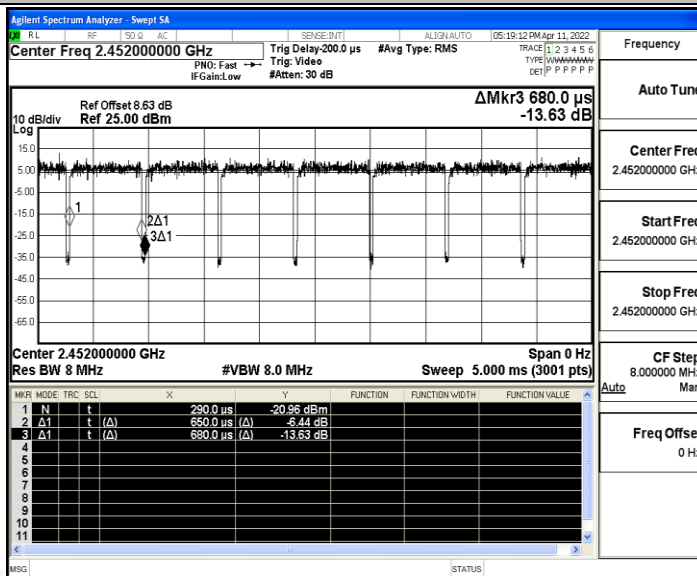
Scan code to check authenticity



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452





B.7 Emissions in Restricted Bands

Test Result

TestMode	Antenna	ChName	Channel	Detector	Freq. [MHz]	Result [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11B	Ant0	Low	2412	AV	2310.000	-58.14	37.06	≤54	PASS
				AV	2389.830	-56.8	38.40	≤54	PASS
				AV	2390.000	-56.8	38.40	≤54	PASS
				Peak	2310.000	-47.89	47.31	≤74	PASS
				Peak	2380.990	-45.37	49.83	≤74	PASS
				Peak	2390.000	-45.97	49.23	≤74	PASS
		High	2462	AV	2483.500	-55.16	40.04	≤54	PASS
				AV	2487.960	-49.74	45.46	≤54	PASS
				AV	2500.000	-57.21	37.99	≤54	PASS
				Peak	2483.500	-44.45	50.75	≤74	PASS
				Peak	2487.630	-40.89	54.31	≤74	PASS
				Peak	2500.000	-46.01	49.19	≤74	PASS
11G	Ant0	Low	2412	AV	2310.000	-57.83	37.37	≤54	PASS
				AV	2389.830	-56.5	38.70	≤54	PASS
				AV	2390.000	-56.65	38.55	≤54	PASS
				Peak	2310.000	-47.3	47.90	≤74	PASS
				Peak	2337.960	-45.76	49.44	≤74	PASS
				Peak	2390.000	-45.92	49.28	≤74	PASS
		High	2462	AV	2483.500	-53.3	41.90	≤54	PASS
				AV	2487.960	-48.3	46.90	≤54	PASS
				AV	2500.000	-56.81	38.39	≤54	PASS
				Peak	2483.500	-43.25	51.95	≤74	PASS
				Peak	2487.850	-40.23	54.97	≤74	PASS
				Peak	2500.000	-45.83	49.37	≤74	PASS
11N20SISO	Ant0	Low	2412	AV	2310.000	-57.71	37.49	≤54	PASS
				AV	2389.830	-56.76	38.44	≤54	PASS
				AV	2390.000	-56.83	38.37	≤54	PASS
				Peak	2310.000	-48.35	46.85	≤74	PASS
				Peak	2386.060	-45.48	49.72	≤74	PASS
				Peak	2390.000	-46.2	49.00	≤74	PASS
		High	2462	AV	2483.500	-53.44	41.76	≤54	PASS
				AV	2488.070	-48.3	46.90	≤54	PASS
				AV	2500.000	-56.95	38.25	≤54	PASS
				Peak	2483.500	-43	52.20	≤74	PASS
				Peak	2488.180	-39.57	55.63	≤74	PASS
				Peak	2500.000	-46.99	48.21	≤74	PASS
11N40SISO	Ant0	Low	2422	AV	2310.000	-57.61	37.59	≤54	PASS



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				AV	2389.960	-56.58	38.62	≤54	PASS
				AV	2390.000	-56.59	38.61	≤54	PASS
				Peak	2310.000	-47.22	47.98	≤74	PASS
				Peak	2338.220	-45.37	49.83	≤74	PASS
				Peak	2390.000	-45.87	49.33	≤74	PASS
		High	2452	AV	2483.500	-52.08	43.12	≤54	PASS
				AV	2484.000	-52.39	42.81	≤54	PASS
				AV	2500.000	-56.61	38.59	≤54	PASS
				Peak	2483.500	-37.15	58.05	≤74	PASS
				Peak	2484.000	-36.47	58.73	≤74	PASS
				Peak	2500.000	-46.75	48.45	≤74	PASS

TestMode	Antenna	ChName	Channel	Detector	Freq. [MHz]	Result [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11B	Ant1	Low	2412	AV	2310.000	-48.92	46.28	≤54	PASS
				AV	2386.320	-47.12	48.08	≤54	PASS
				AV	2390.000	-47.42	47.78	≤54	PASS
				Peak	2310.000	-38.1	57.10	≤74	PASS
				Peak	2386.840	-35.06	60.14	≤74	PASS
				Peak	2390.000	-36.96	58.24	≤74	PASS
		High	2462	AV	2483.500	-46.85	48.35	≤54	PASS
				AV	2483.560	-46.97	48.23	≤54	PASS
				AV	2500.000	-47.67	47.53	≤54	PASS
				Peak	2483.500	-36.32	58.88	≤74	PASS
				Peak	2488.510	-35.23	59.97	≤74	PASS
				Peak	2500.000	-36.72	58.48	≤74	PASS
11G	Ant1	Low	2412	AV	2310.000	-48.59	46.61	≤54	PASS
				AV	2389.960	-47.3	47.90	≤54	PASS
				AV	2390.000	-47.3	47.90	≤54	PASS
				Peak	2310.000	-38.67	56.53	≤74	PASS
				Peak	2386.840	-35.99	59.21	≤74	PASS
				Peak	2390.000	-36.83	58.37	≤74	PASS
		High	2462	AV	2483.500	-47.16	48.04	≤54	PASS
				AV	2499.070	-47	48.20	≤54	PASS
				AV	2500.000	-47.22	47.98	≤54	PASS
				Peak	2483.500	-35.02	60.18	≤74	PASS
				Peak	2483.560	-34.31	60.89	≤74	PASS
				Peak	2500.000	-37.23	57.97	≤74	PASS
11N20SISO	Ant1	Low	2412	AV	2310.000	-48.49	46.71	≤54	PASS
				AV	2389.700	-46.98	48.22	≤54	PASS



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				AV	2390.000	-47.02	48.18	≤54	PASS
				Peak	2310.000	-38.37	56.83	≤74	PASS
				Peak	2389.960	-32.67	62.53	≤74	PASS
				Peak	2390.000	-32.68	62.52	≤74	PASS
		High	2462	AV	2483.500	-46.96	48.24	≤54	PASS
				AV	2483.670	-46.9	48.30	≤54	PASS
				AV	2500.000	-47.3	47.90	≤54	PASS
				Peak	2483.500	-35.69	59.51	≤74	PASS
				Peak	2484.110	-33.23	61.97	≤74	PASS
				Peak	2500.000	-36.47	58.73	≤74	PASS
11N40SISO	Ant1	Low	2422	AV	2310.000	-48.26	46.94	≤54	PASS
				AV	2389.830	-44.89	50.31	≤54	PASS
				AV	2390.000	-45	50.20	≤54	PASS
				Peak	2310.000	-38.54	56.66	≤74	PASS
				Peak	2387.750	-29.07	66.13	≤74	PASS
				Peak	2390.000	-30.89	64.31	≤74	PASS
		High	2452	AV	2483.500	-43.66	51.54	≤54	PASS
				AV	2484.220	-43.86	51.34	≤54	PASS
				AV	2500.000	-46.42	48.78	≤54	PASS
				Peak	2483.500	-26.52	68.68	≤74	PASS
				Peak	2485.760	-26.32	68.88	≤74	PASS
				Peak	2500.000	-35.22	59.98	≤74	PASS





Combined Ant_0 and Ant_1

Test Mode	Freq.	Covert Radiated E Level At 3m (dBuV/m)			Ground Factor	E [dBuV/m]	Detector	Limit (dBuV/m)
		Ant0	Ant1	Sum				
11N20 MIMO	2310.000	-57.71	-48.49	-48.00	0	47.23	Average	≤54
	2389.180	-56.76	-46.98	-46.55	0	48.68	Average	≤54
	2390.000	-56.83	-47.02	-46.59	0	48.64	Average	≤54
	2310.000	-48.35	-38.37	-37.95	0	57.27	Peak	≤74
	2357.590	-45.48	-32.67	-32.45	0	62.78	Peak	≤74
	2390.000	-46.2	-32.68	-32.49	0	62.74	Peak	≤74
	2483.500	-53.44	-46.96	-46.08	0	49.15	Average	≤54
	2499.840	-48.3	-46.9	-44.53	0	50.69	Average	≤54
	2500.000	-56.95	-47.3	-46.85	0	48.37	Average	≤54
11N40 MIMO	2483.500	-43	-35.69	-34.95	0	60.28	Peak	≤74
	2497.750	-39.57	-33.23	-32.32	0	62.90	Peak	≤74
	2500.000	-46.99	-36.47	-36.10	0	59.13	Peak	≤74
	2310.000	-57.61	-48.26	-47.78	0	47.44	Average	≤54
	2389.700	-56.58	-44.89	-44.61	0	50.62	Average	≤54
	2390.000	-56.59	-45	-44.71	0	50.52	Average	≤54
	2310.000	-47.22	-38.54	-37.99	0	57.24	Peak	≤74
	2311.960	-45.37	-29.07	-28.97	0	66.26	Peak	≤74
	2390.000	-45.87	-30.89	-30.75	0	64.47	Peak	≤74
	2483.500	-52.08	-43.66	-43.08	0	52.15	Average	≤54
	2499.620	-52.39	-43.86	-43.29	0	51.94	Average	≤54
	2500.000	-56.61	-46.42	-46.02	0	49.20	Average	≤54
	2483.500	-37.15	-26.52	-26.16	0	69.07	Peak	≤74
	2492.250	-36.47	-26.32	-25.92	0	69.31	Peak	≤74
	2500.000	-46.75	-35.22	-34.92	0	60.30	Peak	≤74

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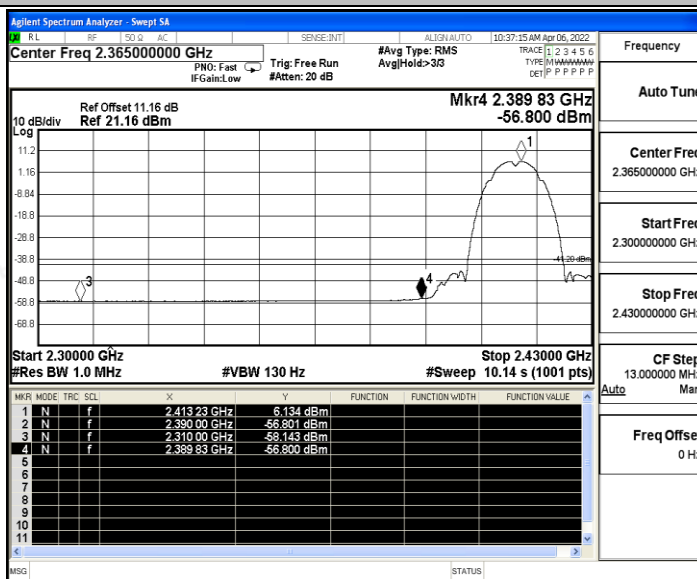
Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

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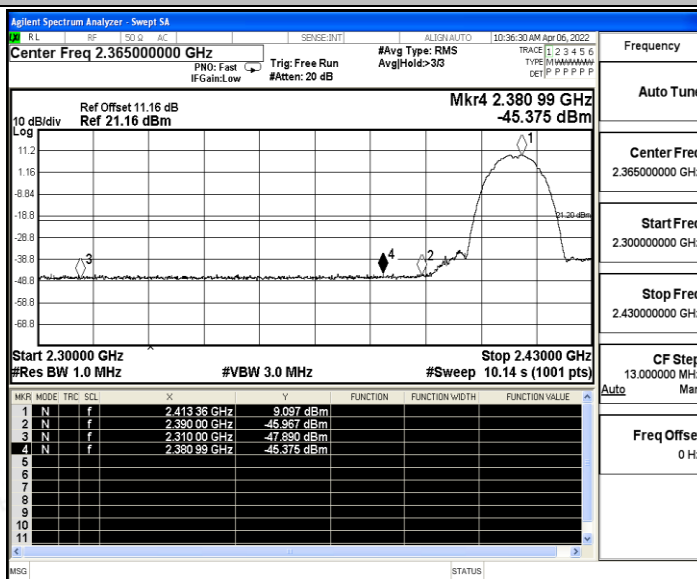


Test Graphs

11B_Ant0_Low_2412_AV



11B_Ant0_Low_2412_Peak



11B_Ant0_High_2462_AV

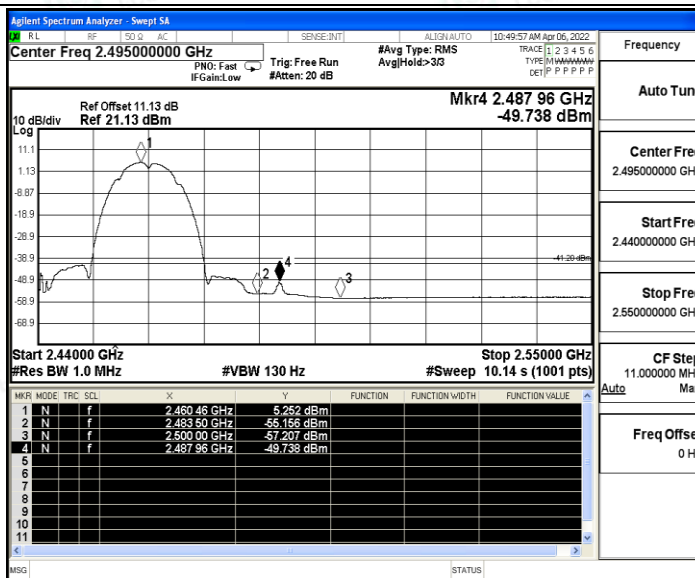


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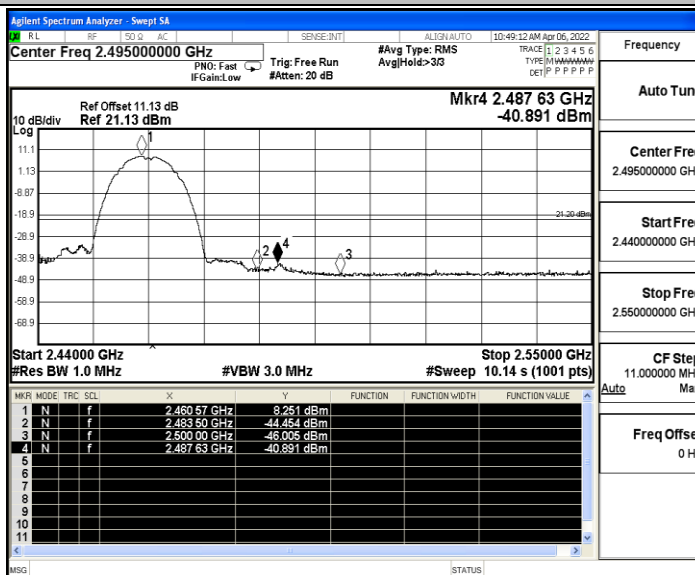
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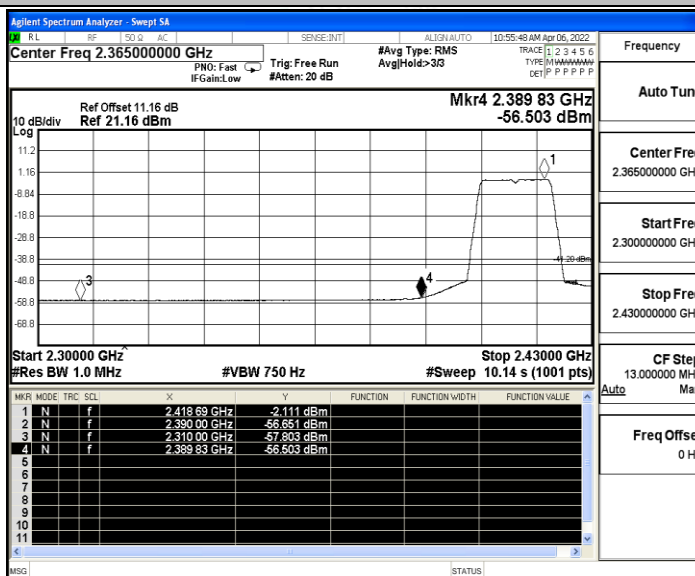
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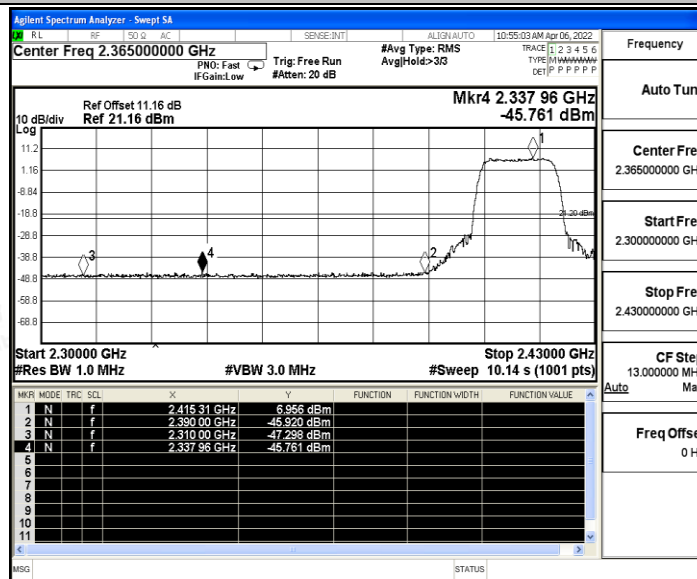


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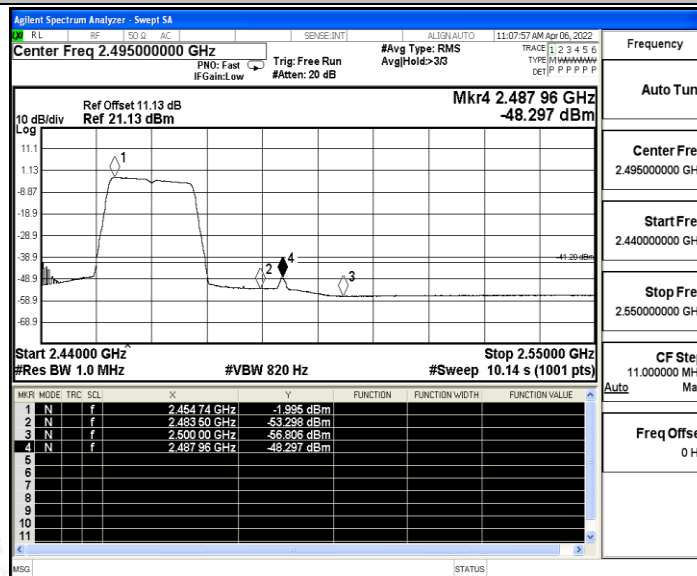




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11G_Ant0_High_2462_AV



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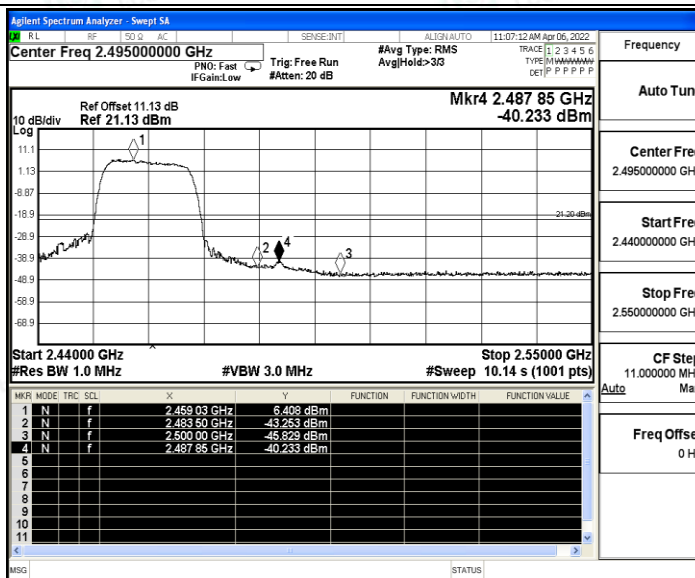


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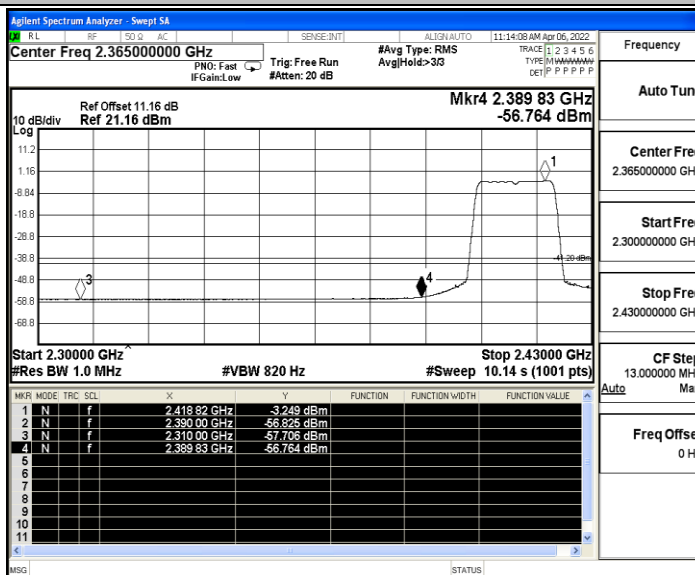
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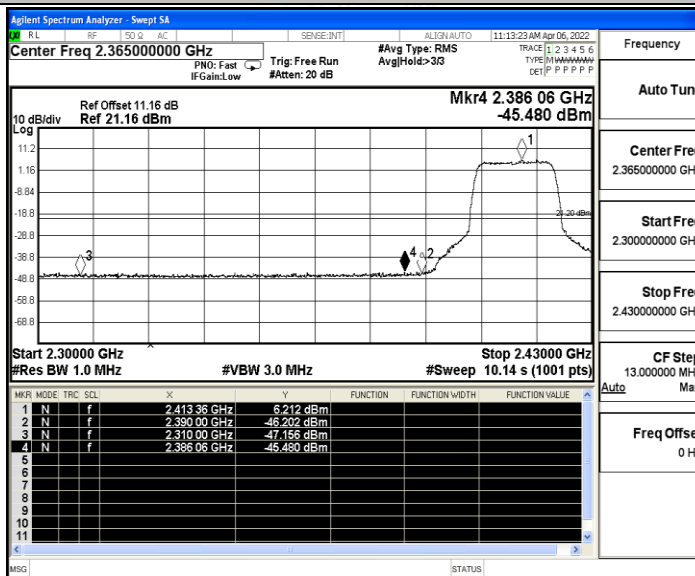
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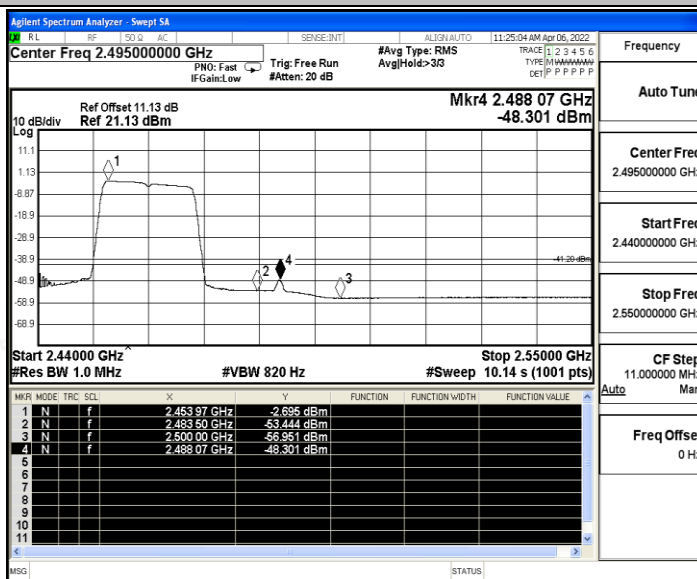


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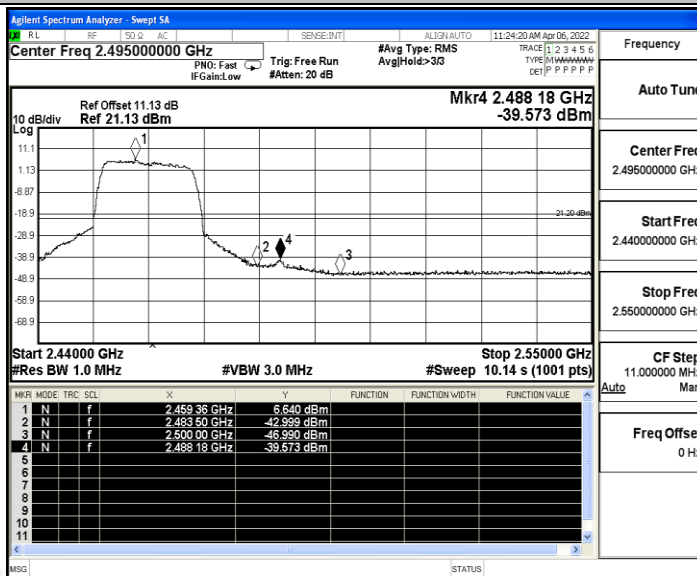




11N20SISO_Ant0_High_2462_AV



11N20SISO_Ant0_High_2462_Peak



11N40SISO_Ant0_Low_2422_AV

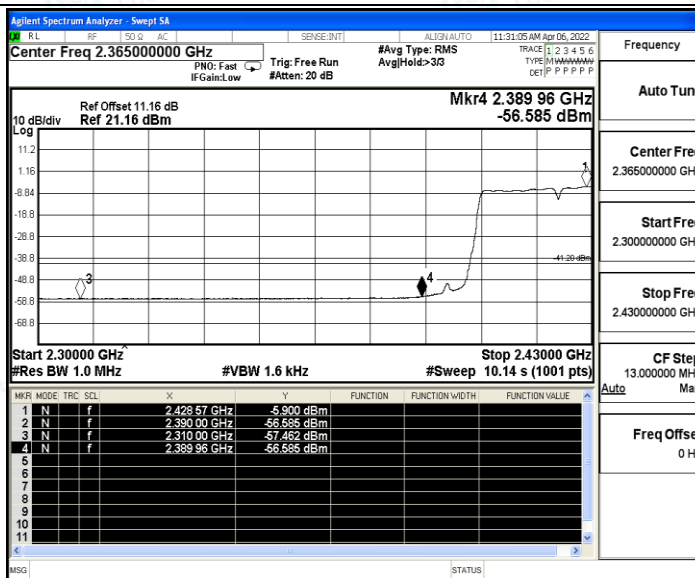


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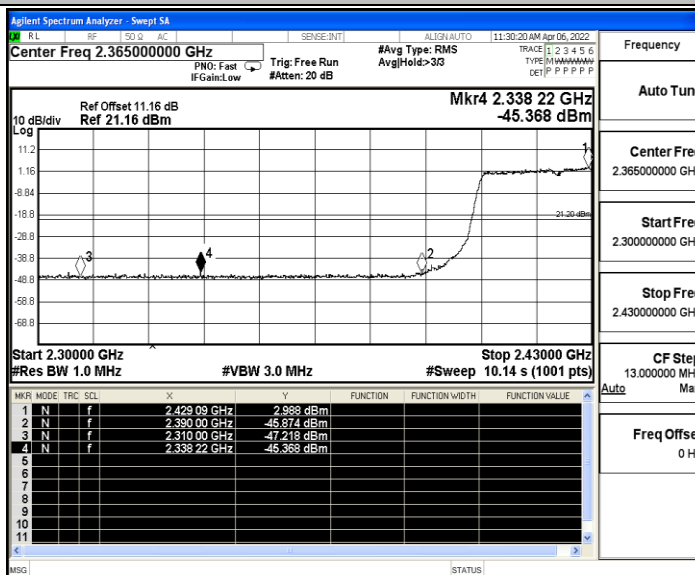
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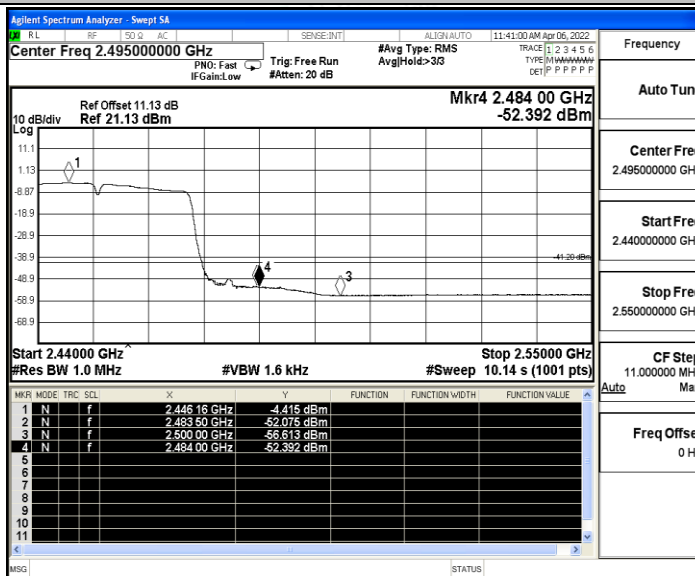
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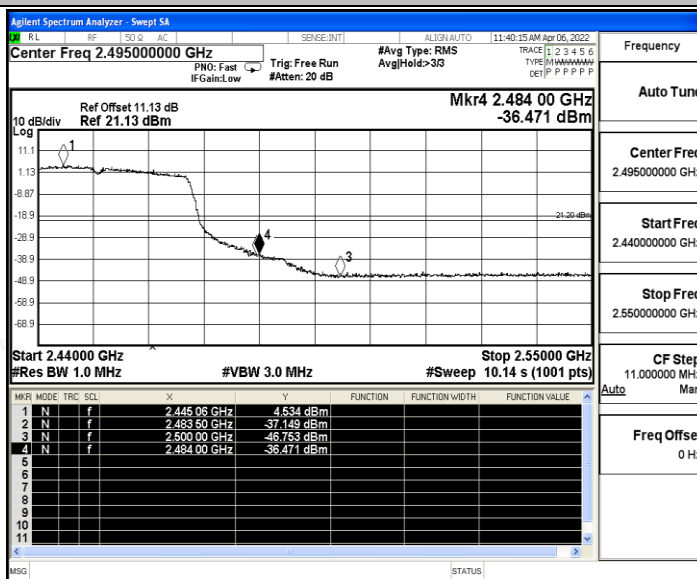


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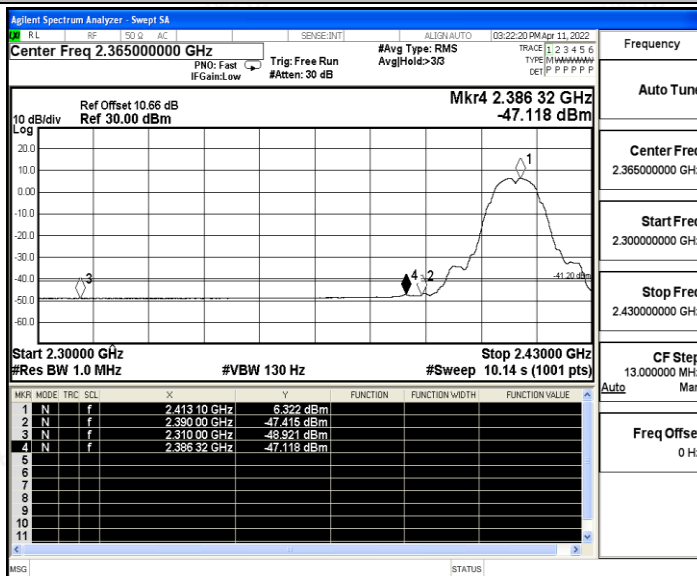




11N40SISO_Ant0_High_2452_Peak



11B_Ant1_Low_2412_AV



11B_Ant1_Low_2412_Peak

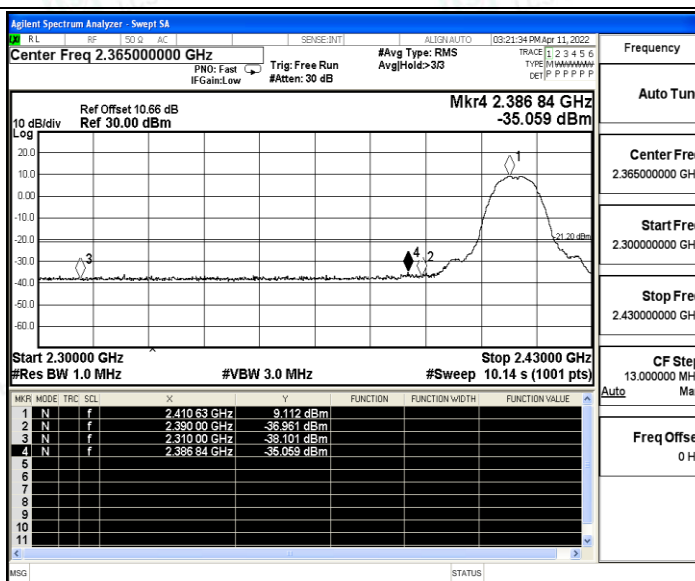


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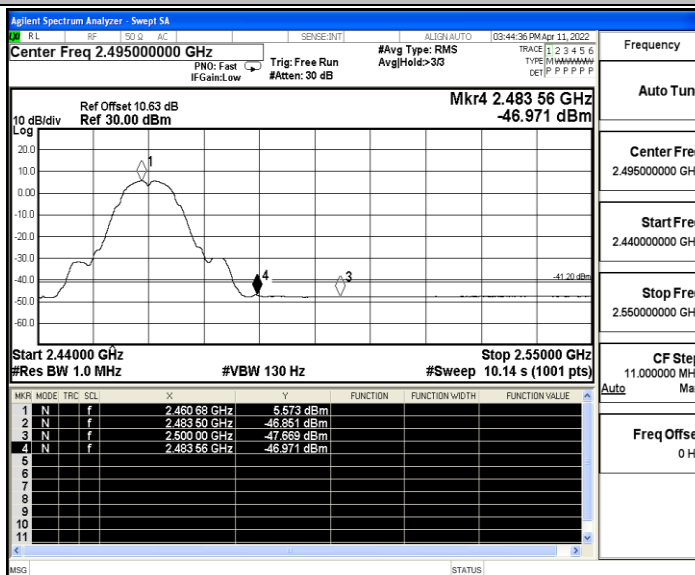
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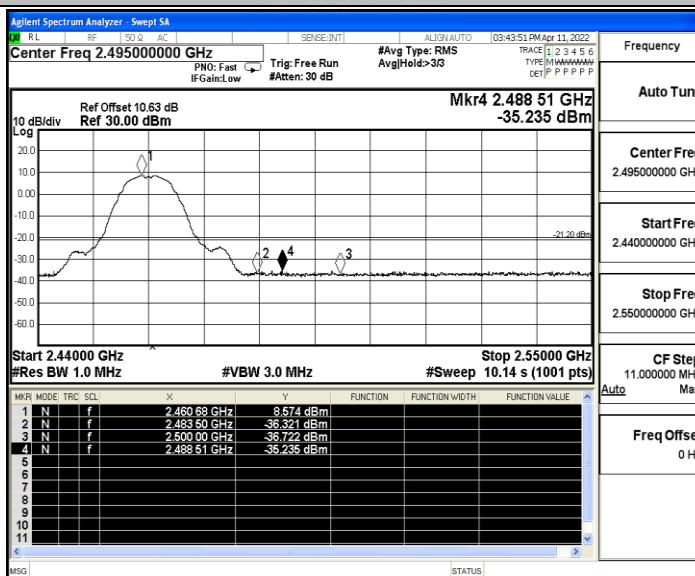
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11B_Ant1_High_2462_AV

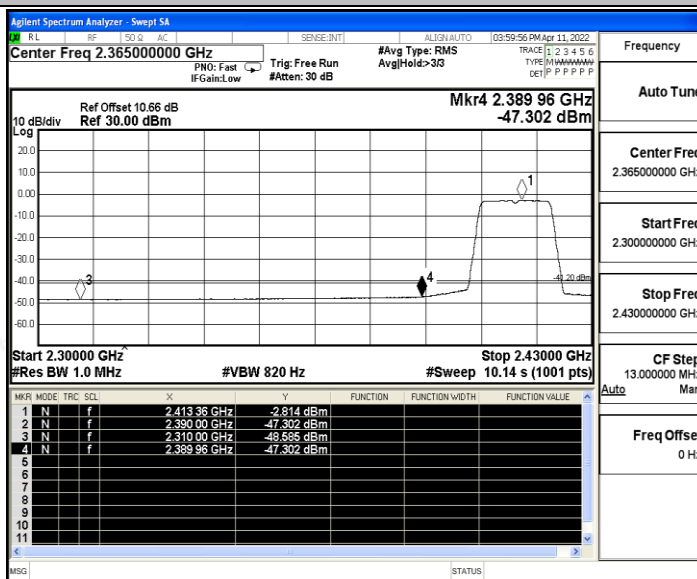


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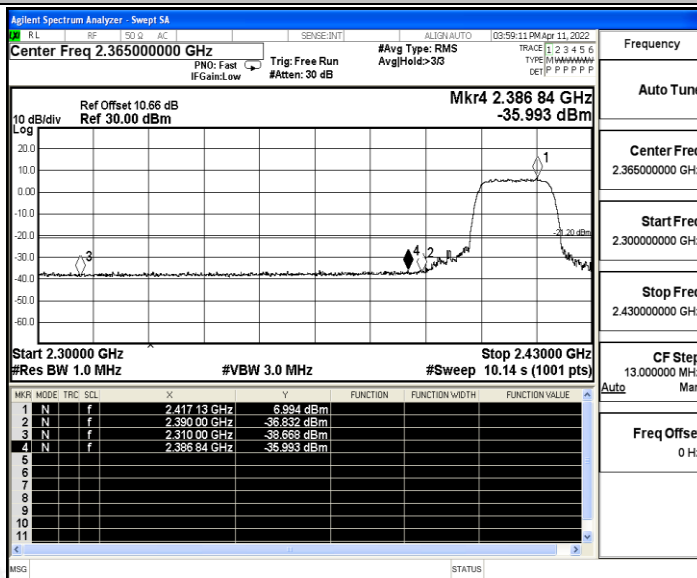




11G_Ant1_Low_2412_AV



11G_Ant1_Low_2412_Peak



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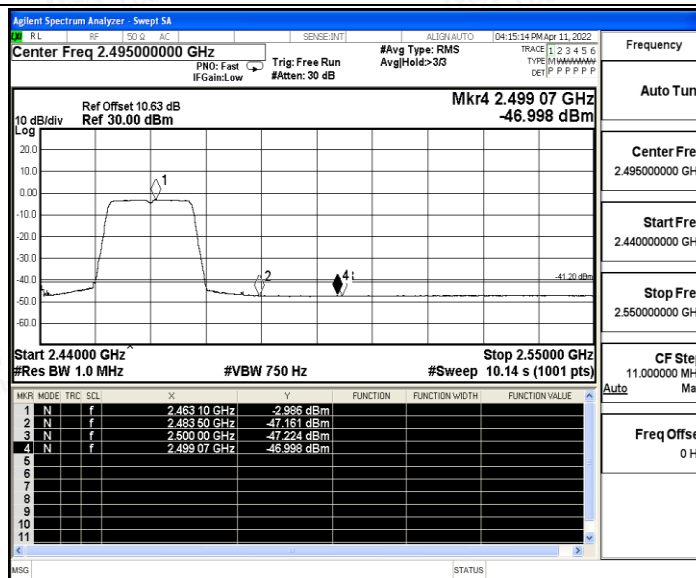


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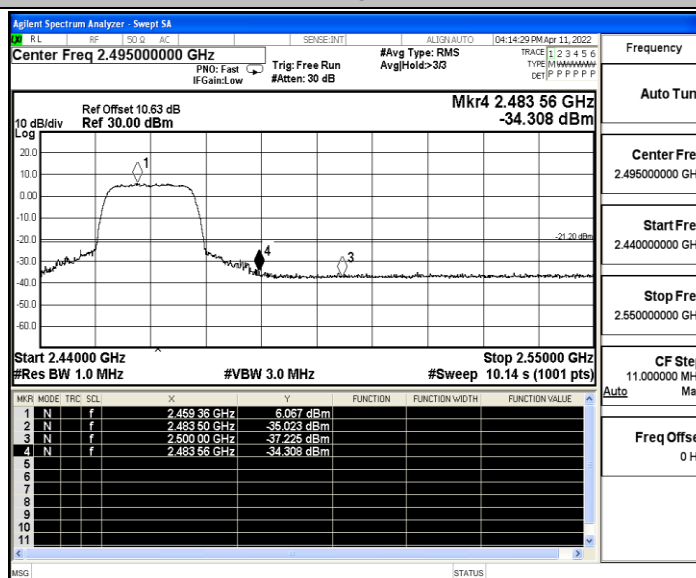
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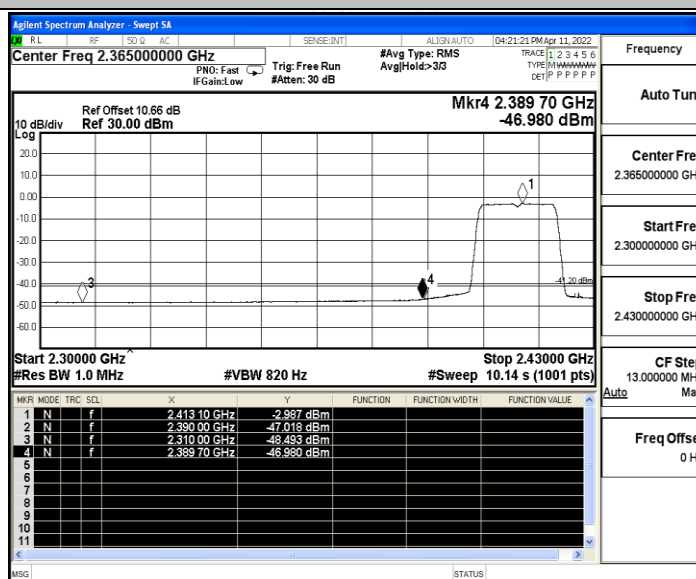
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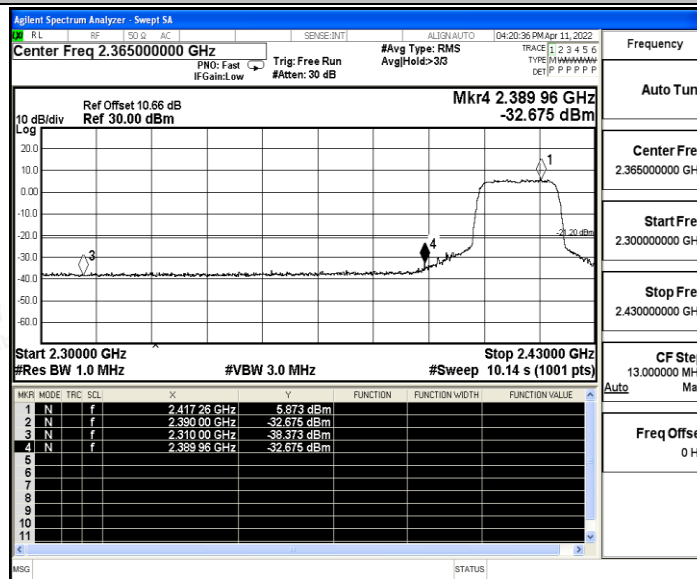


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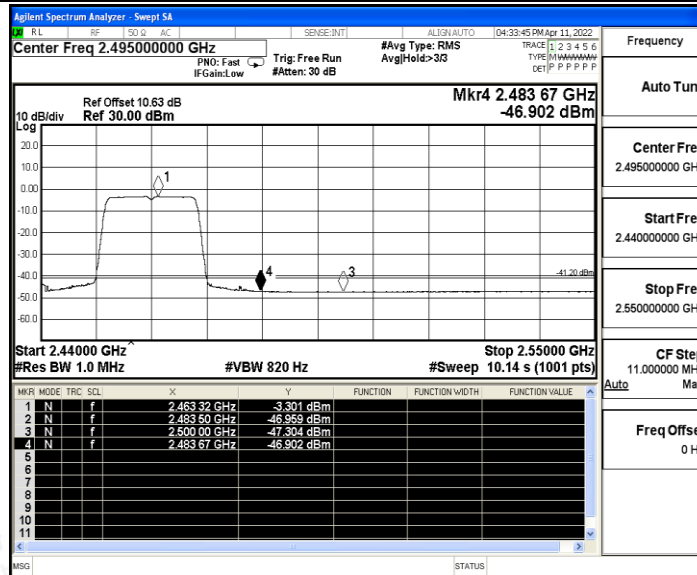




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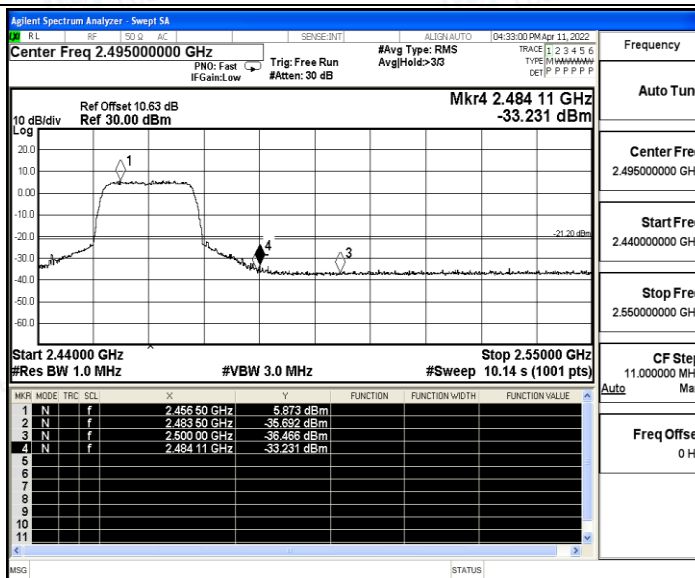


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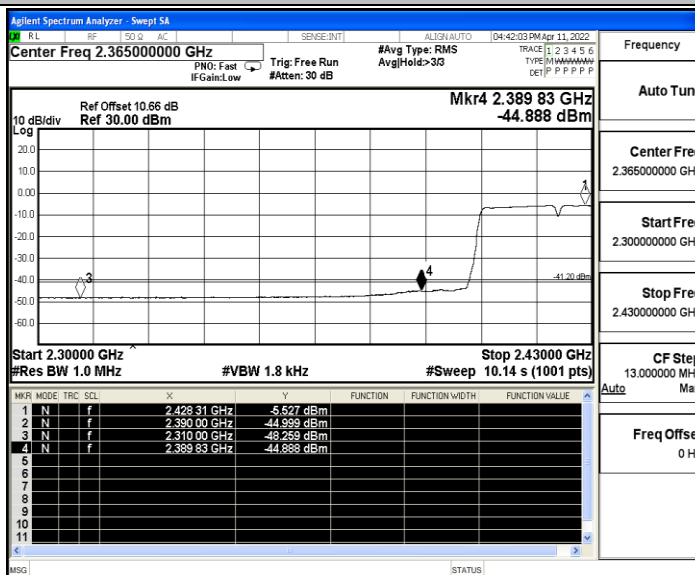


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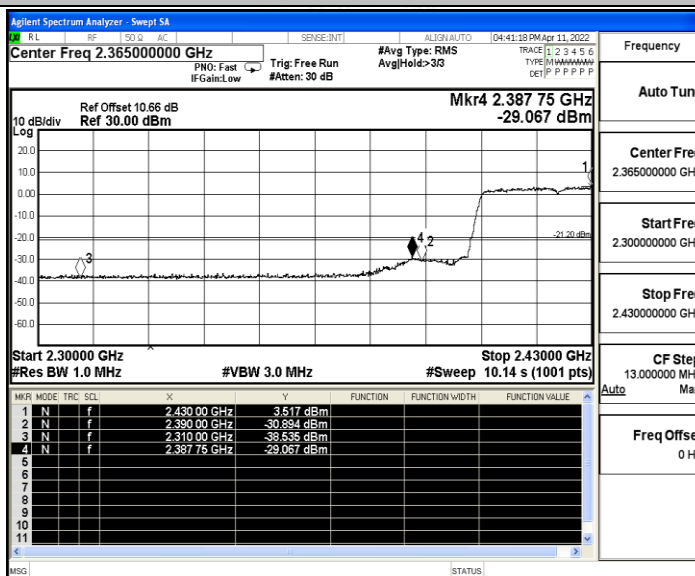




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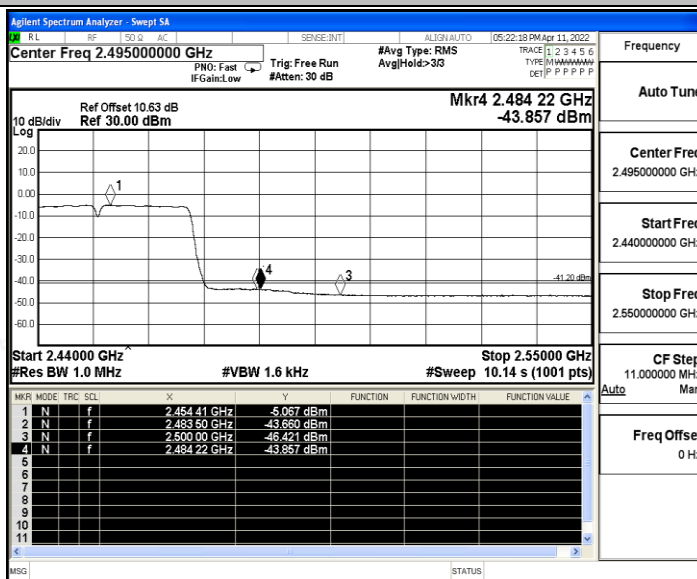


11N40SISO_Ant1_Low_2422_Peak





11N40SISO_Ant1_High_2452_AV



11N40SISO_Ant1_High_2452_Peak

