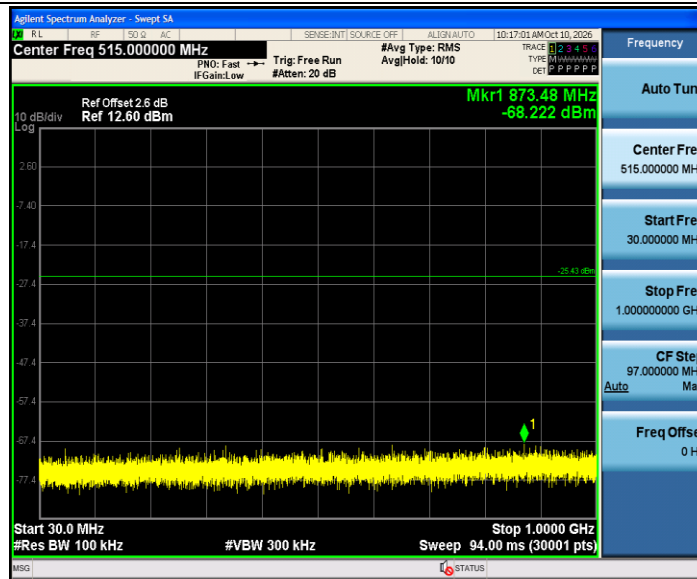
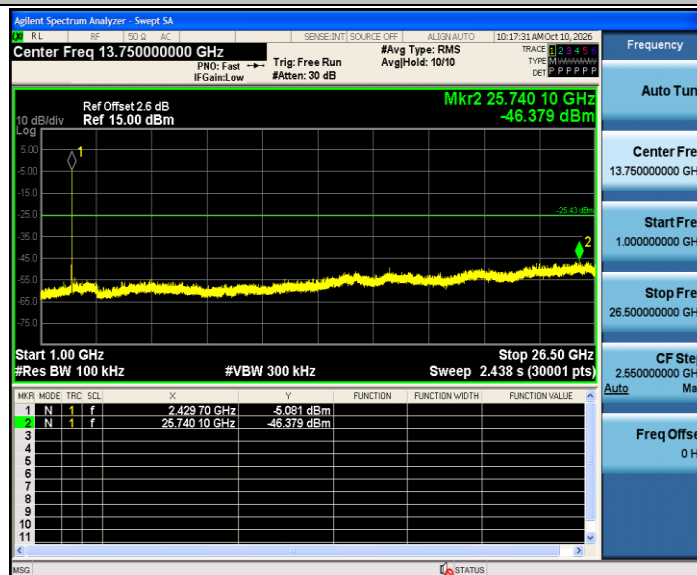
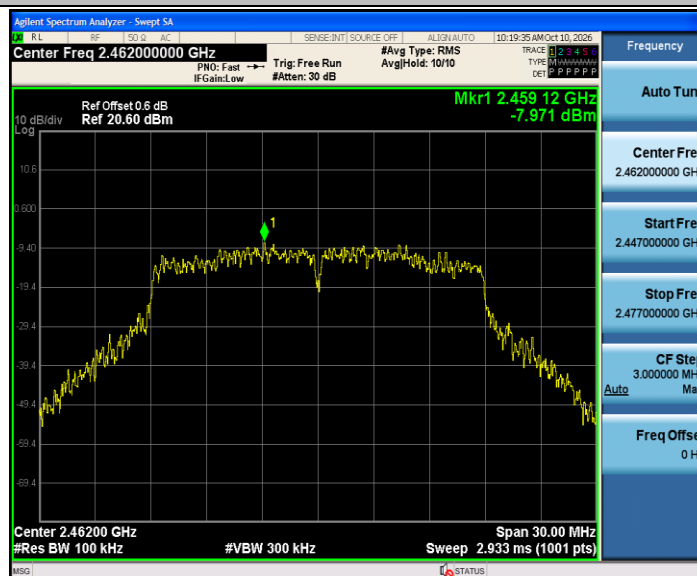




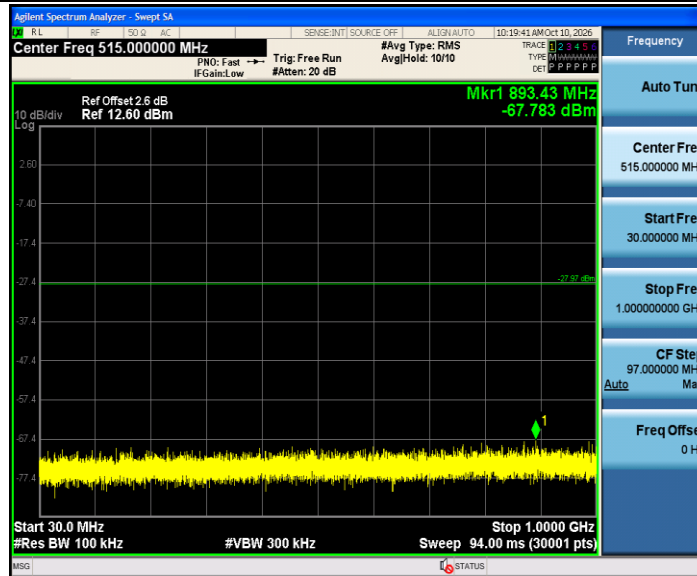
11N20SISO_Ant1_2437_1000~26500



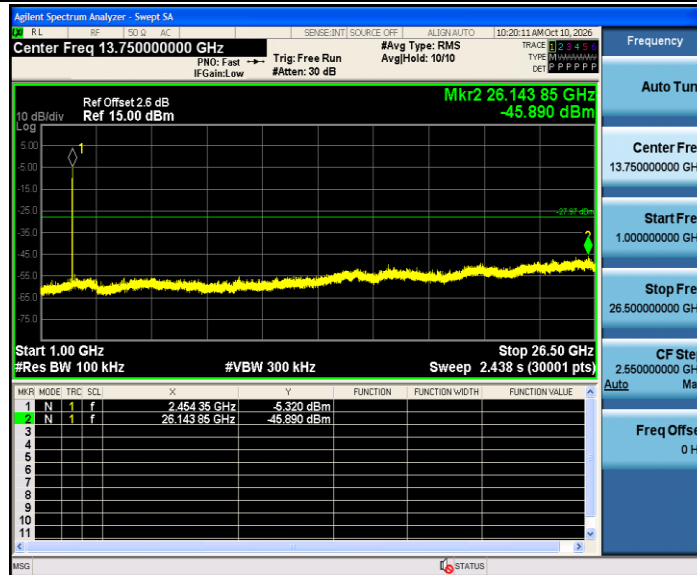
11N20SISO_Ant1_2462_0~Reference



11N20SISO_Ant1_2462_30~1000



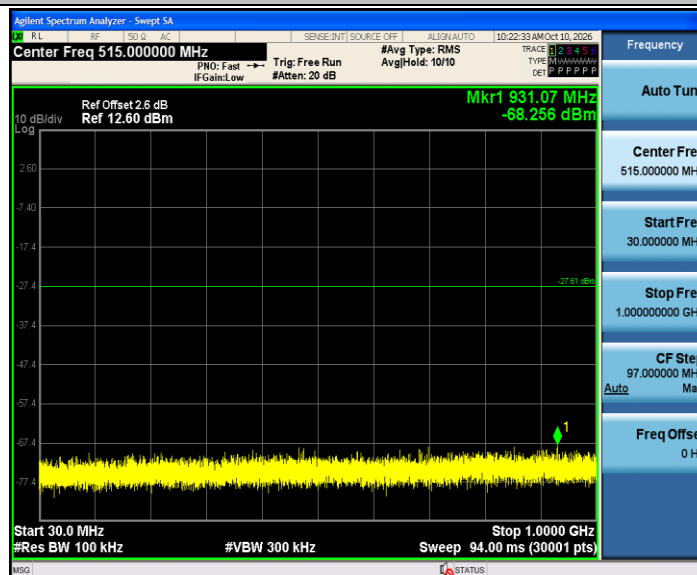
11N20SISO_Ant1_2462_1000~26500



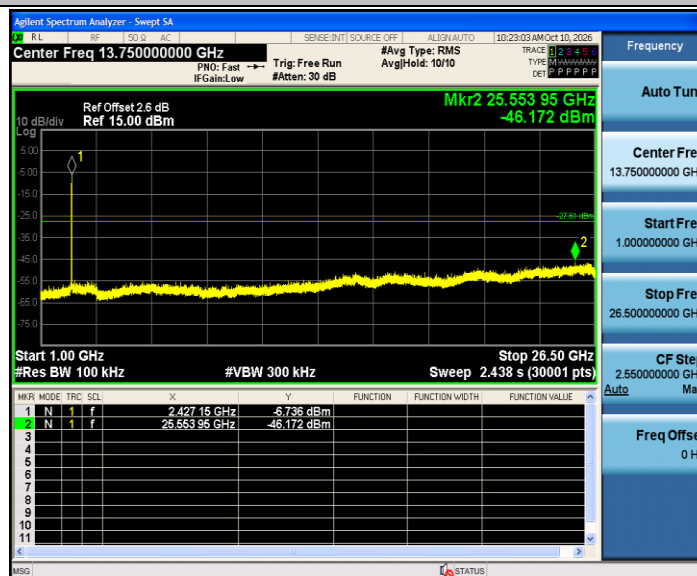
11N40SISO_Ant1_2422_0~Reference



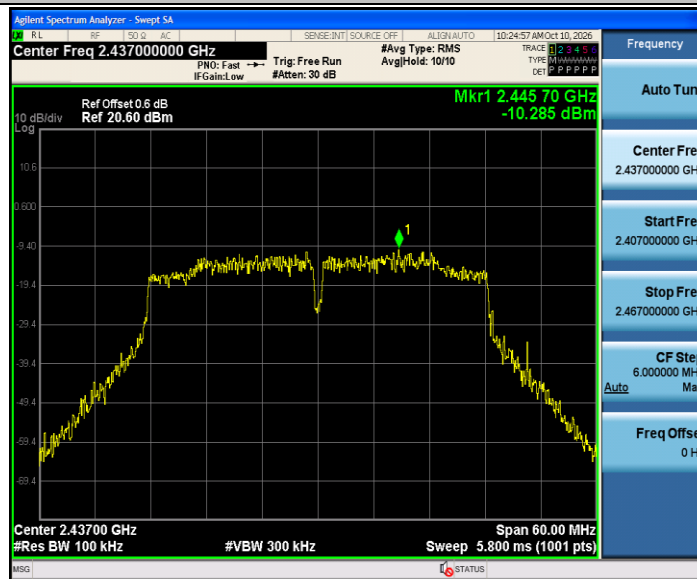
11N40SISO_Ant1_2422_30~1000



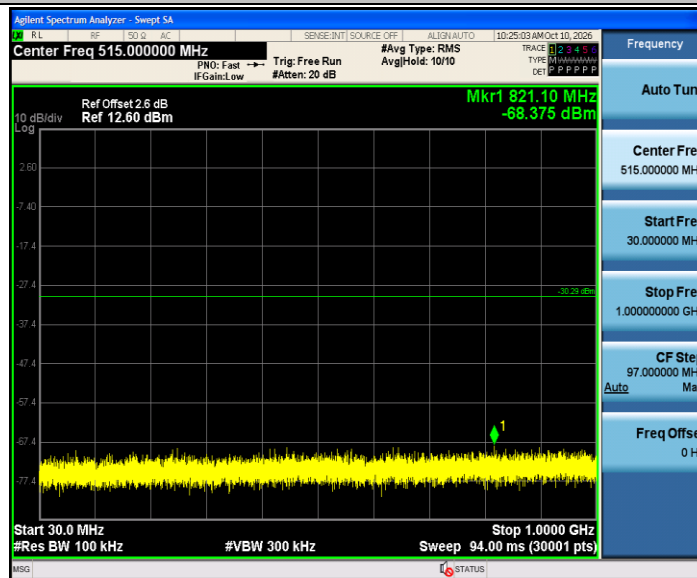
11N40SISO_Ant1_2422_1000~26500



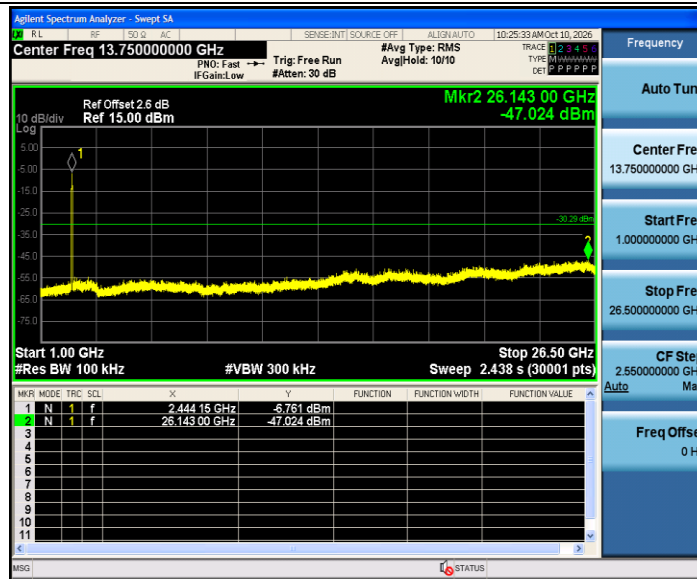
11N40SISO_Ant1_2437_0~Reference



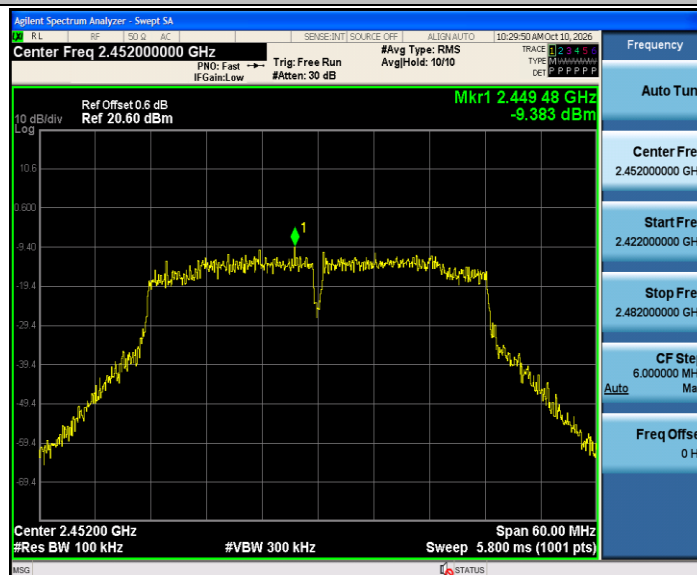
11N40SISO_Ant1_2437_30~1000



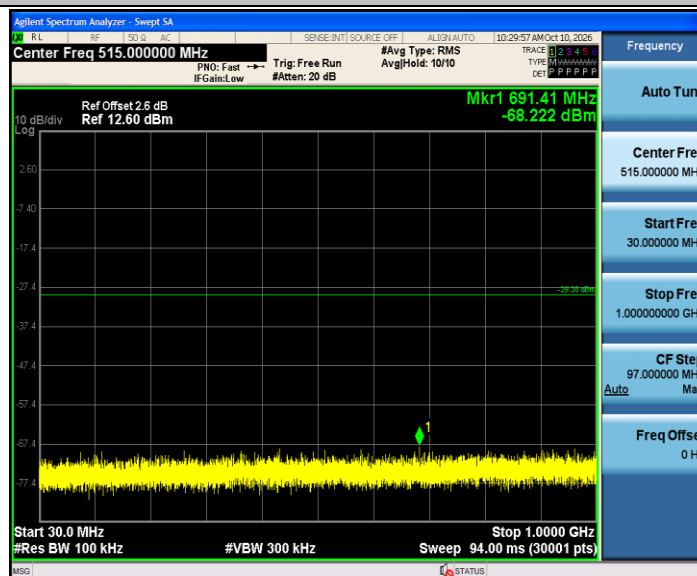
11N40SISO_Ant1_2437_1000~26500



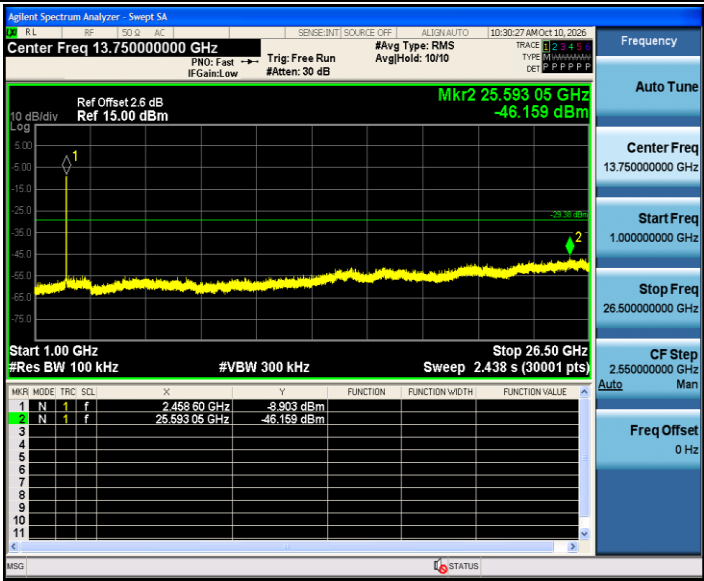
11N40SISO_Ant1_2452_0~Reference



11N40SISO_Ant1_2452_30~1000



11N40SISO_Ant1_2452_1000~26500



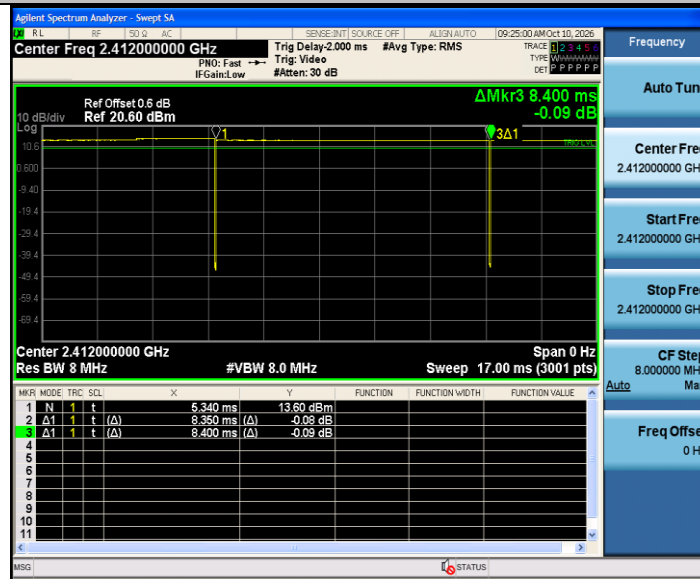
Appendix G: Duty Cycle

Test Result

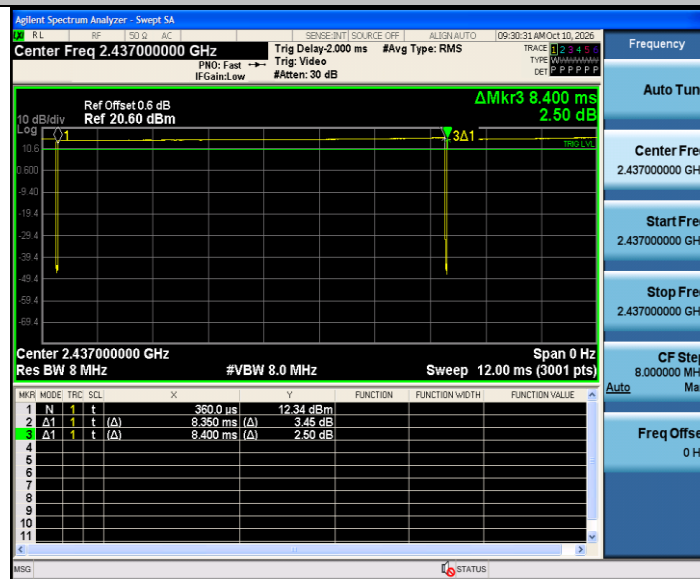
Test Mode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	DC Factor [dB]	T Factor [dB]
11B	Ant1	2412	8.35	8.40	99.40	0.03	0.12
		2437	8.35	8.40	99.40	0.03	0.12
		2462	8.35	8.40	99.40	0.03	0.12
11G	Ant1	2412	1.96	2.01	97.51	0.11	6.67
		2437	1.96	2.01	97.51	0.11	6.67
		2462	1.96	2.01	97.51	0.11	6.67
11N20SISO	Ant1	2412	1.97	2.02	97.52	0.11	5.56
		2437	1.96	2.01	97.51	0.11	5.88
		2462	1.96	2.01	97.51	0.11	5.88
11N40SISO	Ant1	2422	1.97	2.02	97.52	0.11	5.56
		2437	1.98	2.02	98.02	0.09	5.56
		2452	1.97	2.02	97.52	0.11	5.56

Test Graphs

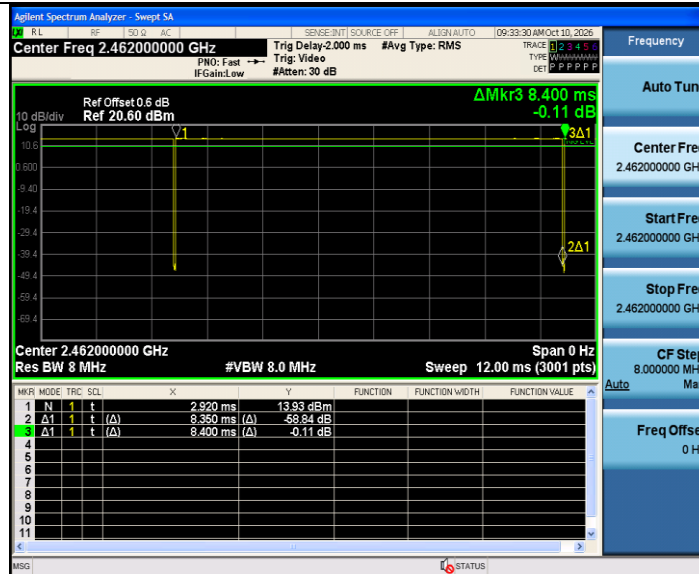
11B_Ant1_2412



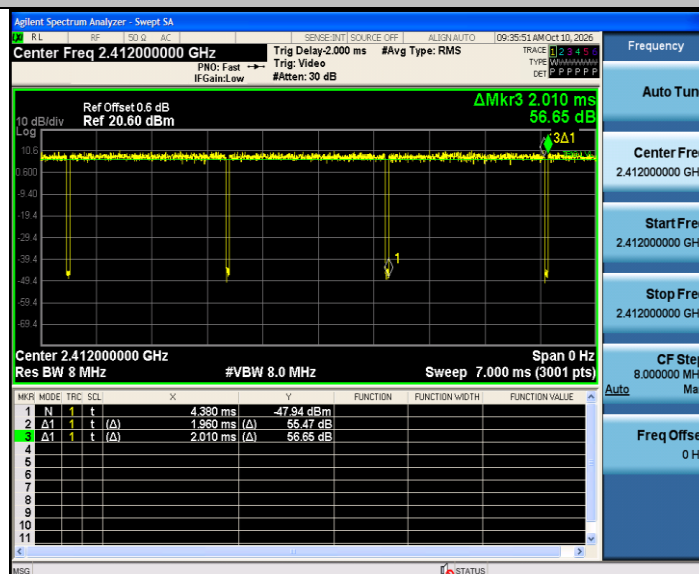
11B_Ant1_2437



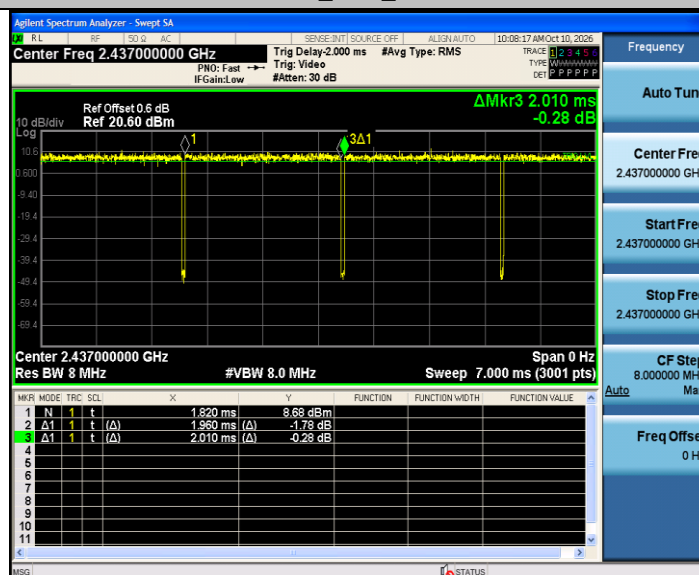
11B_Ant1_2462



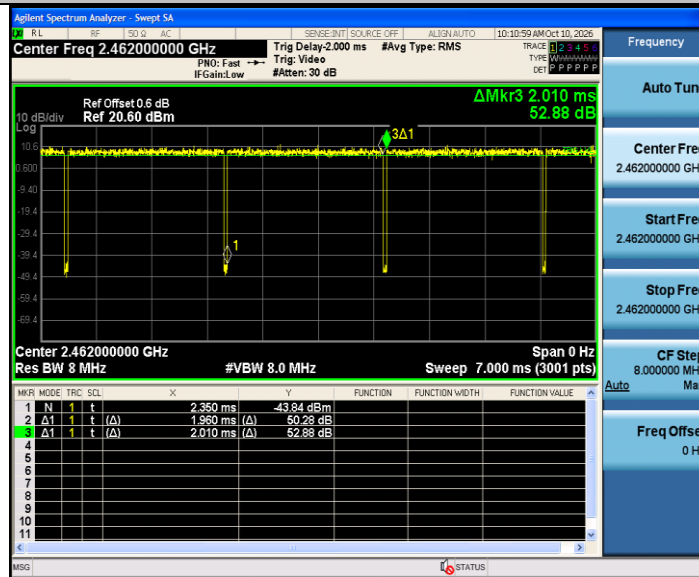
11G_Ant1_2412



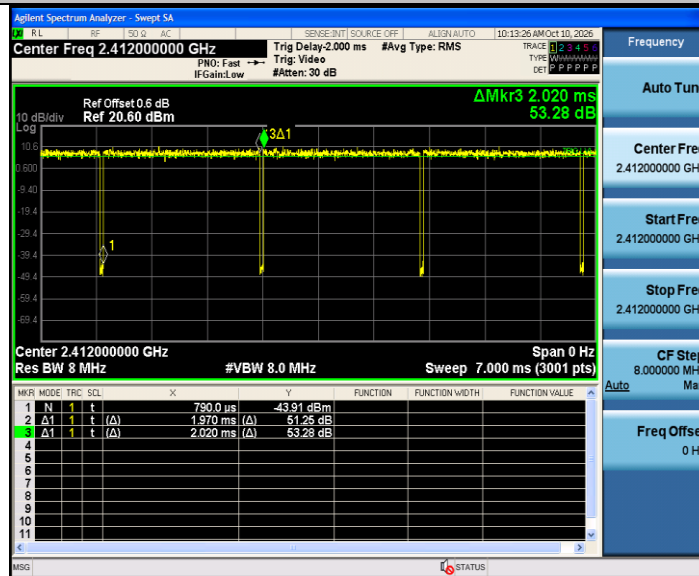
11G_Ant1_2437



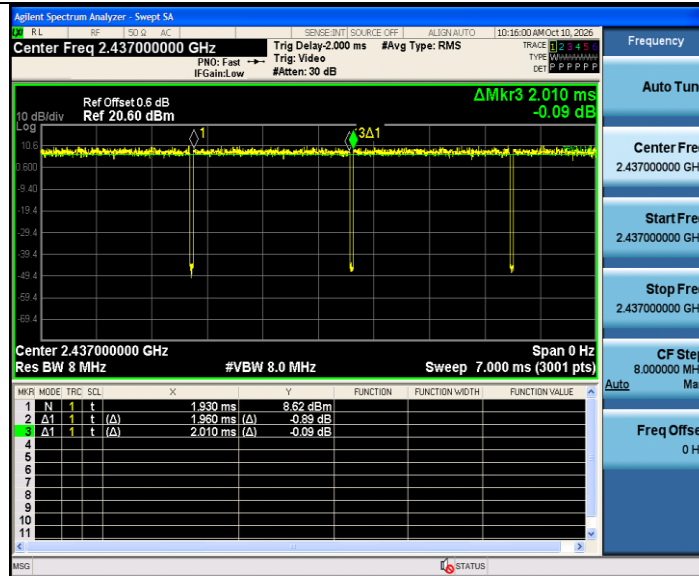
11G_Ant1_2462



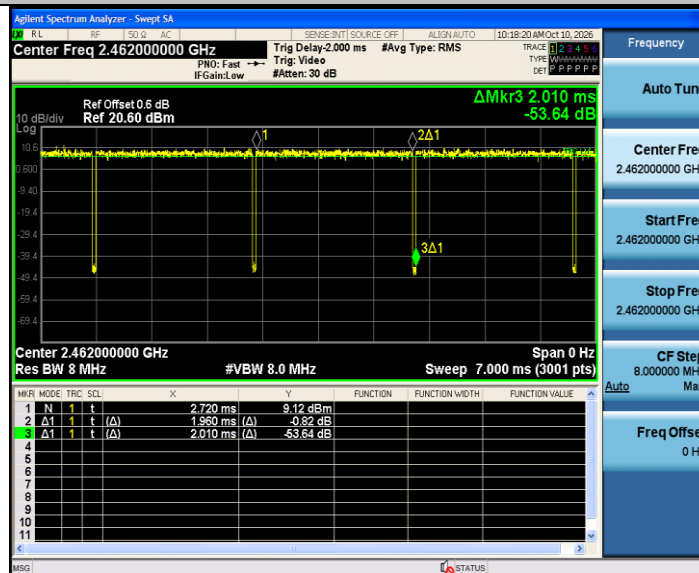
11N20SISO_Ant1_2412



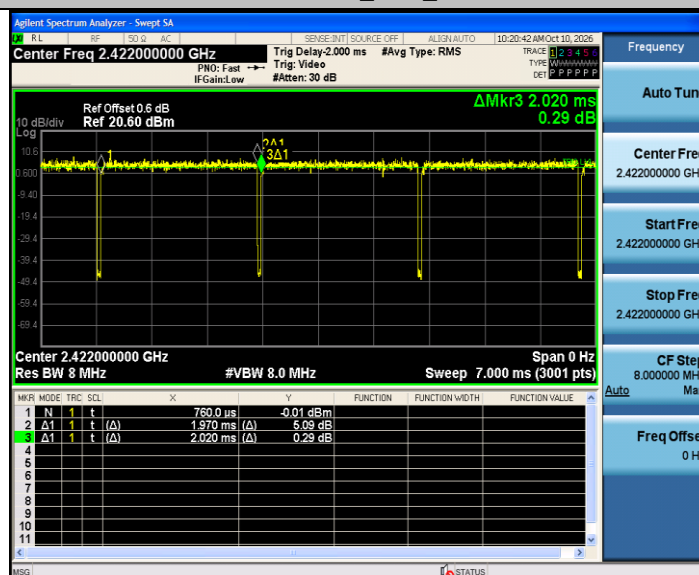
11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



11N40SISO_Ant1_2422



The screenshot displays an Agilent Spectrum Analyzer interface. The main display shows a frequency plot with a peak at 2.437 GHz. The plot is labeled with 'Center Freq 2.437000000 GHz', 'Ref Offset 0.6 dB', 'Ref 20.60 dBm', and 'DMkr3 2.020 ms 2.76 dB'. The plot also shows a 'Span 0 Hz' and 'Sweep 7.000 ms (3001 pts)'. The plot is labeled with '1' and '3Δ1'.

Below the plot is a table of measurement data:

MKR	MODE	TRIG	SCL	X	Y	FUNCTION	FUNCTION WIDTH	FUNCTION VALUE
1	N	1	t	4.450 ms	-47.18 dBm			
2	Δ1	1	t (Δ)	1.980 ms (Δ)	1.05 dB			
3	Δ1	1	t (Δ)	2.020 ms (Δ)	2.76 dB			
4								
5								
6								
7								
8								
9								
10								
11								

On the right side of the interface, there are several control buttons and labels:

- Frequency
- Auto Tune
- Center Freq 2.437000000 GHz
- Start Freq 2.437000000 GHz
- Stop Freq 2.437000000 GHz
- CF Step 8.000000 MHz
- Auto Man
- Freq Offset 0 Hz

At the bottom of the interface, there is a 'MSG' button and a 'STATUS' button.

[illegible]

Appendix H: Emissions in Restricted Bands

Test Result

Test Mode	Antenna	Channel Name	Frequency [MHz]	Detector	Freq [MHz]	Result [dBm]	Gain [dB]	DC Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11B	Ant1	Low	2412	AV	2310.000	-59.92	3.26	0.03	38.57	≤54	PASS
				AV	2386.190	-53.2	3.26	0.03	45.29	≤54	PASS
				AV	2390.000	-56.48	3.26	0.03	42.01	≤54	PASS
				Peak	2310.000	-51.9	3.26	0.00	46.56	≤74	PASS
				Peak	2386.060	-45.44	3.26	0.00	53.02	≤74	PASS
				Peak	2390.000	-48.28	3.26	0.00	50.18	≤74	PASS
		High	2462	AV	2483.500	-54.61	3.26	0.03	43.88	≤54	PASS
				AV	2488.400	-52.7	3.26	0.03	45.79	≤54	PASS
				AV	2500.000	-58.71	3.26	0.03	39.78	≤54	PASS
				Peak	2483.500	-48.48	3.26	0.00	49.98	≤74	PASS
				Peak	2487.960	-44.33	3.26	0.00	54.13	≤74	PASS
				Peak	2500.000	-50.34	3.26	0.00	48.12	≤74	PASS
11G	Ant1	Low	2412	AV	2310.000	-60.37	3.26	0.11	38.20	≤54	PASS
				AV	2381.900	-58.9	3.26	0.11	39.67	≤54	PASS
				AV	2390.000	-59.12	3.26	0.11	39.45	≤54	PASS
				Peak	2310.000	-52.53	3.26	0.00	45.93	≤74	PASS
				Peak	2368.120	-48.41	3.26	0.00	50.05	≤74	PASS
				Peak	2390.000	-51.18	3.26	0.00	47.28	≤74	PASS
		High	2462	AV	2483.500	-59.14	3.26	0.11	39.43	≤54	PASS
				AV	2489.830	-58.6	3.26	0.11	39.97	≤54	PASS
				AV	2500.000	-59.61	3.26	0.11	38.96	≤54	PASS
				Peak	2483.500	-50.02	3.26	0.00	48.44	≤74	PASS
				Peak	2492.910	-48.79	3.26	0.00	49.67	≤74	PASS
				Peak	2500.000	-49.47	3.26	0.00	48.99	≤74	PASS
11N20SI SO	Ant1	Low	2412	AV	2310.000	-60.16	3.26	0.11	38.41	≤54	PASS
				AV	2389.440	-58.7	3.26	0.11	39.87	≤54	PASS
				AV	2390.000	-59.19	3.26	0.11	39.38	≤54	PASS
				Peak	2310.000	-54.14	3.26	0.00	44.32	≤74	PASS
				Peak	2364.220	-48.81	3.26	0.00	49.65	≤74	PASS
				Peak	2390.000	-52.3	3.26	0.00	46.16	≤74	PASS
		High	2462	AV	2483.500	-58.81	3.26	0.11	39.76	≤54	PASS
				AV	2498.960	-58.39	3.26	0.11	40.18	≤54	PASS
				AV	2500.000	-59.47	3.26	0.11	39.10	≤54	PASS
				Peak	2483.500	-51.75	3.26	0.00	46.71	≤74	PASS
				Peak	2496.430	-48.95	3.26	0.00	49.51	≤74	PASS
				Peak	2500.000	-51.63	3.26	0.00	46.83	≤74	PASS

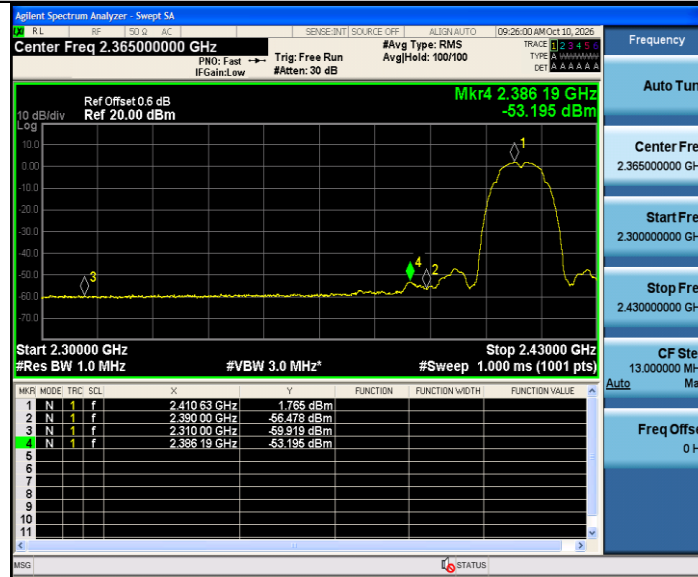
11N40SI SO	Ant1	Low	2422	AV	2310.000	-60.22	3.26	0.11	38.35	≤54	PASS
				AV	2387.900	-57.78	3.26	0.11	40.79	≤54	PASS
				AV	2390.000	-58.7	3.26	0.11	39.87	≤54	PASS
				Peak	2310.000	-51.14	3.26	0.00	47.32	≤74	PASS
				Peak	2389.550	-46.77	3.26	0.00	51.69	≤74	PASS
				Peak	2390.000	-49.72	3.26	0.00	48.74	≤74	PASS
		High	2452	AV	2483.500	-58.29	3.26	0.11	40.28	≤54	PASS
				AV	2484.500	-58	3.26	0.11	40.57	≤54	PASS
				AV	2500.000	-58.63	3.26	0.11	39.94	≤54	PASS
				Peak	2483.500	-50.71	3.26	0.00	47.75	≤74	PASS
				Peak	2487.000	-49.04	3.26	0.00	49.42	≤74	PASS
				Peak	2500.000	-51.13	3.26	0.00	47.33	≤74	PASS

Note:

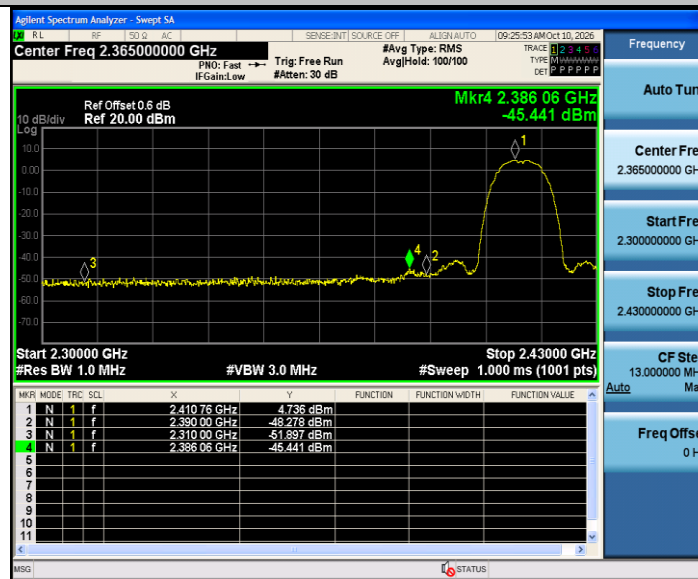
1. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs

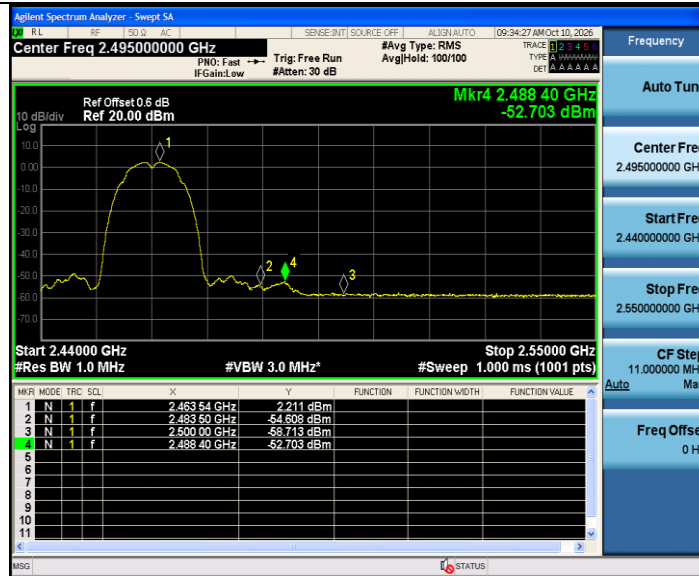
11B_Ant1_Low_2412_AV



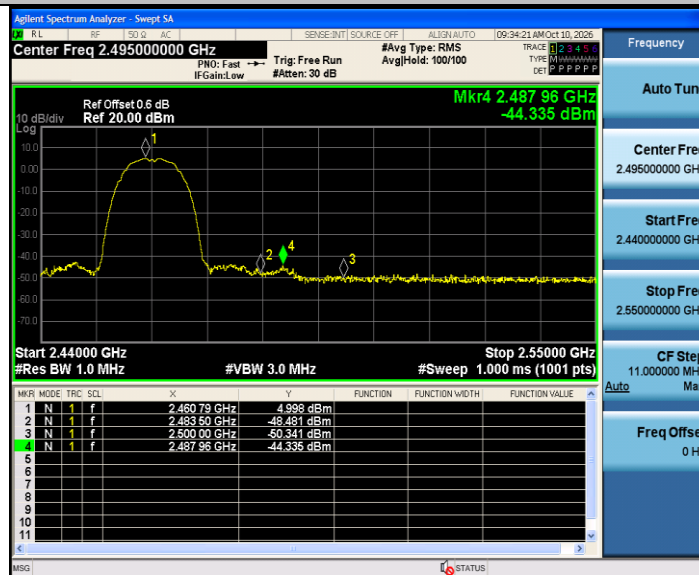
11B_Ant1_Low_2412_Peak



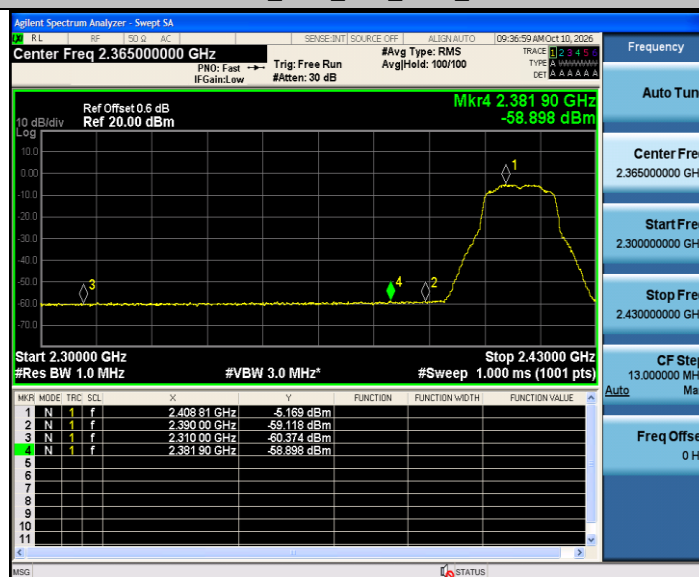
11B_Ant1_High_2462_AV



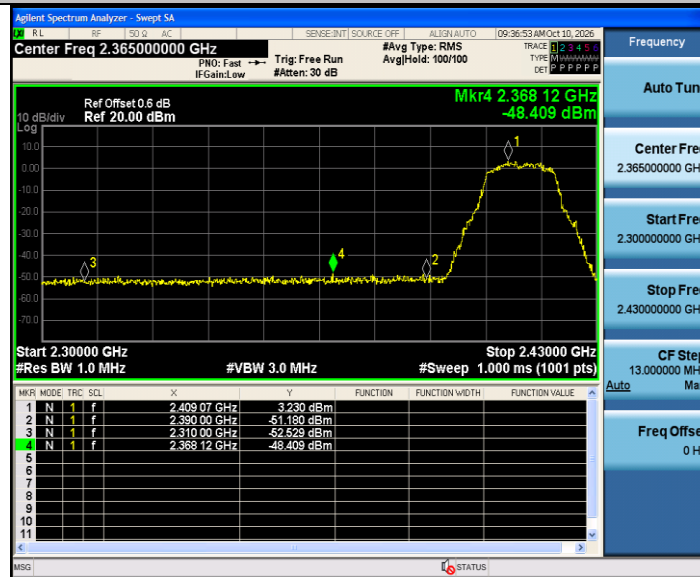
11B_Ant1_High_2462_Peak



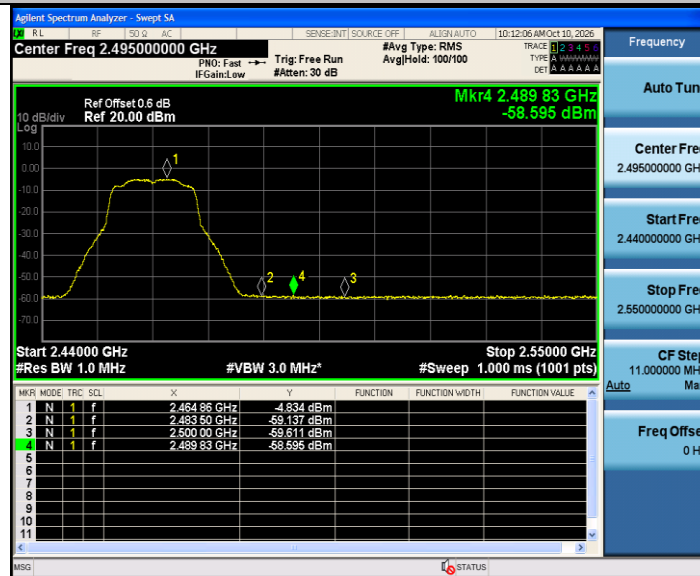
11G_Ant1_Low_2412_AV



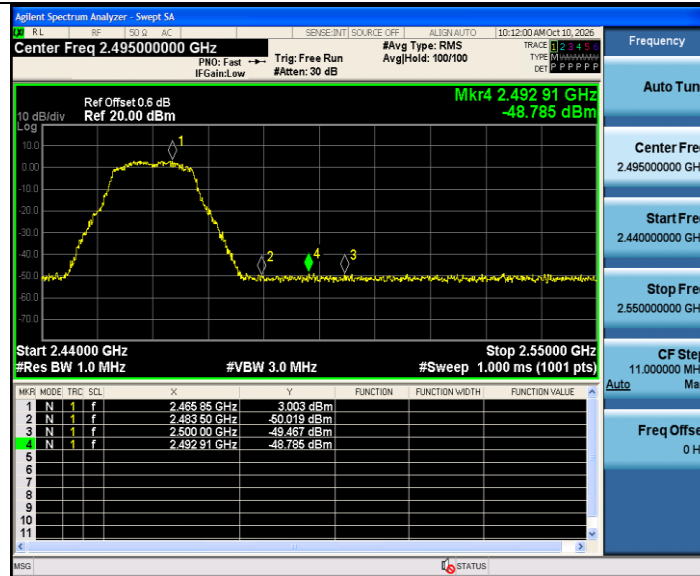
11G_Ant1_Low_2412_Peak



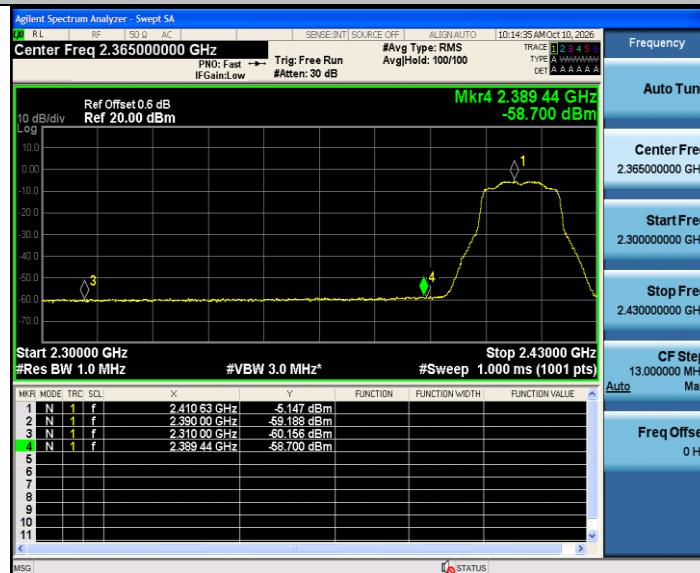
11G_Ant1_High_2462_AV



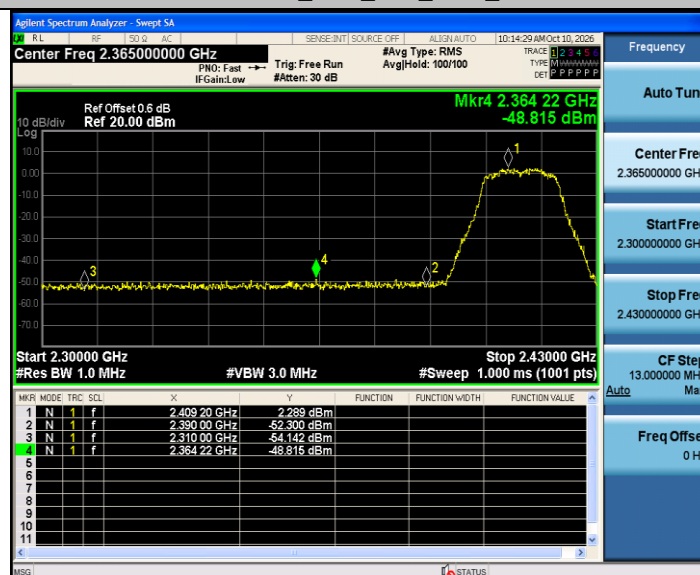
11G_Ant1_High_2462_Peak



11N20SISO_Ant1_Low_2412_AV



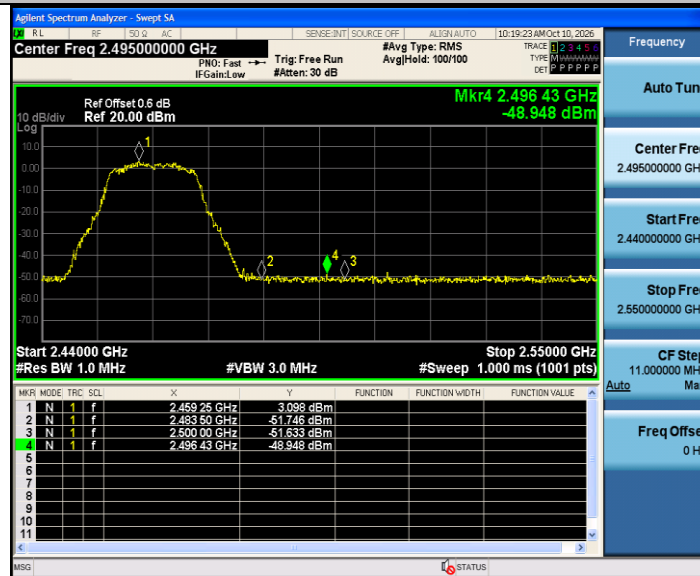
11N20SISO_Ant1_Low_2412_Peak



11N20SISO_Ant1_High_2462_AV



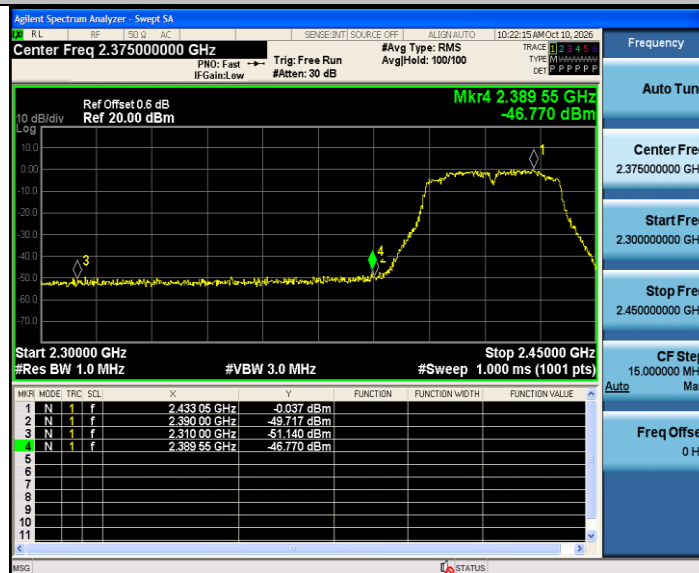
11N20SISO_Ant1_High_2462_Peak



11N40SISO_Ant1_Low_2422_AV



11N40SISO_Ant1_Low_2422_Peak



11N40SISO_Ant1_High_2452_AV



11N40SISO_Ant1_High_2452_Peak

