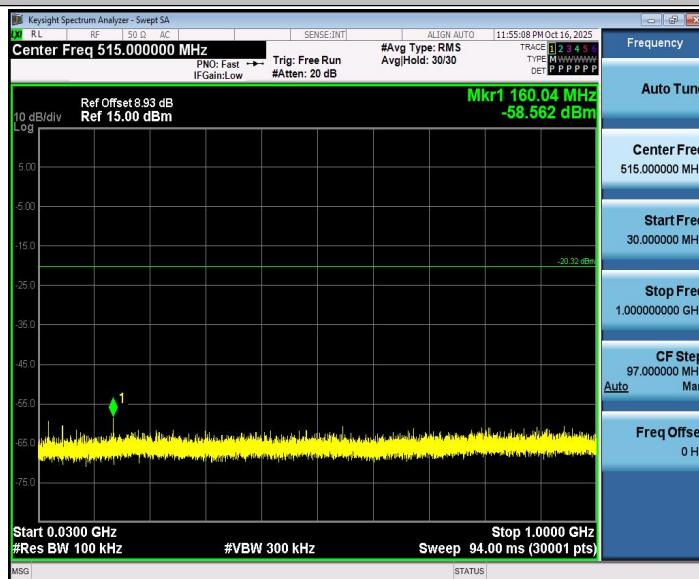


Test Graphs

11B_Ant1_2412_0~Reference



11B_Ant1_2412_30~1000



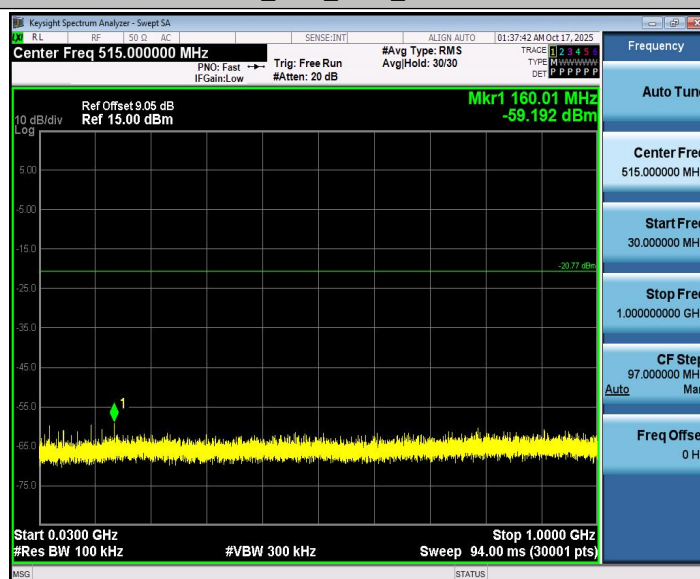
11B_Ant1_2412_1000~26500



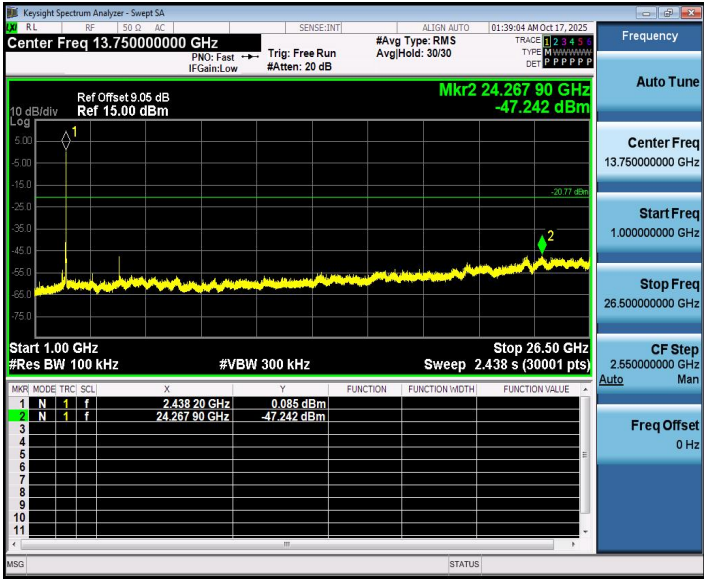
11B_Ant1_2437_0~Reference



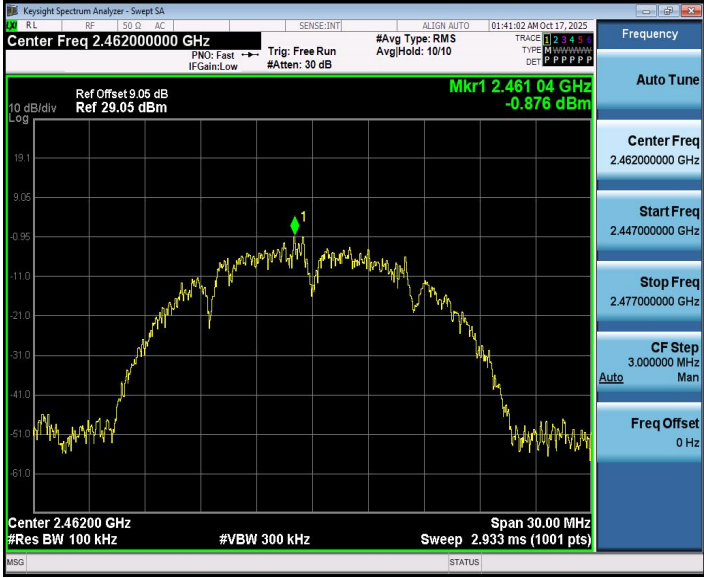
11B_Ant1_2437_30~1000



11B_Ant1_2437_1000~26500



11B_Ant1_2462_0~Reference



11B_Ant1_2462_30~1000



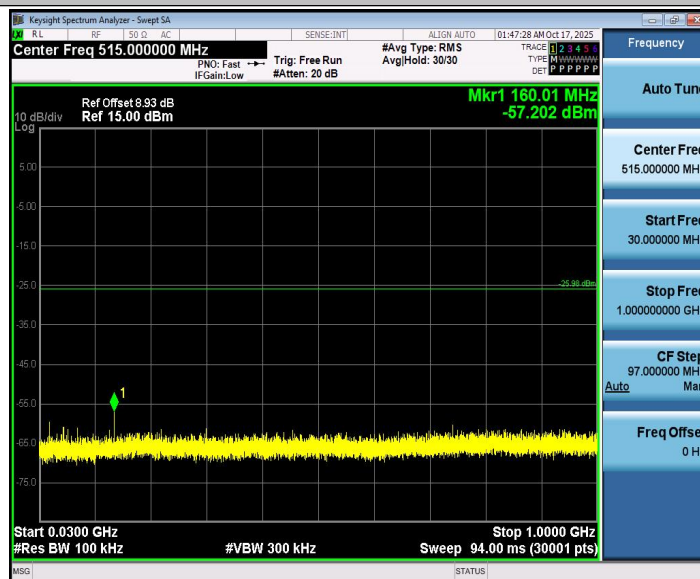
11B_Ant1_2462_1000~26500



11G_Ant1_2412_0~Reference



11G_Ant1_2412_30~1000



11G_Ant1_2412_1000~26500



11G_Ant1_2437_0~Reference



11G_Ant1_2437_30~1000



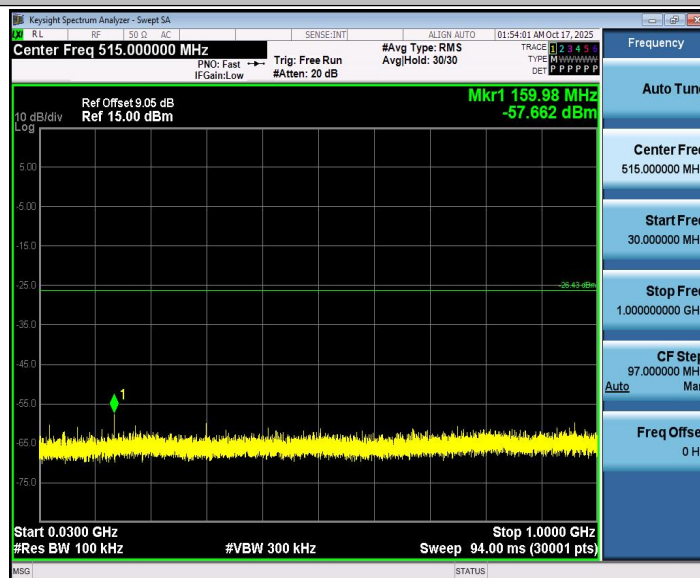
11G_Ant1_2437_1000~26500



11G_Ant1_2462_0~Reference



11G_Ant1_2462_30~1000



11G_Ant1_2462_1000~26500

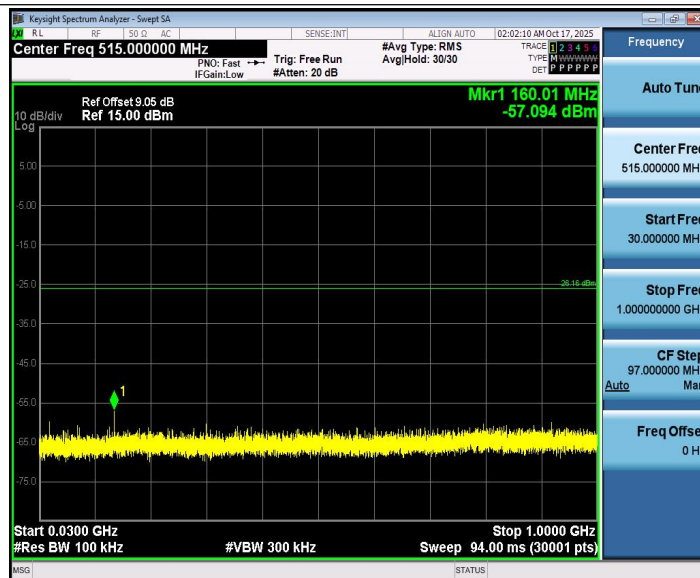
11N20SISO_Ant1_2412_1000~26500



11N20SISO_Ant1_2437_0~Reference



11N20SISO_Ant1_2437_30~1000



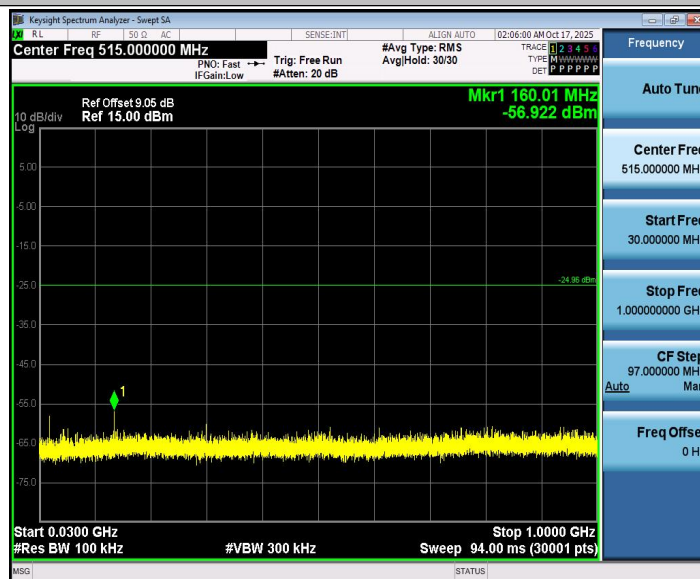
11N20SISO_Ant1_2437_1000~26500



11N20SISO_Ant1_2462_0~Reference



11N20SISO_Ant1_2462_30~1000



11N20SISO_Ant1_2462_1000~26500

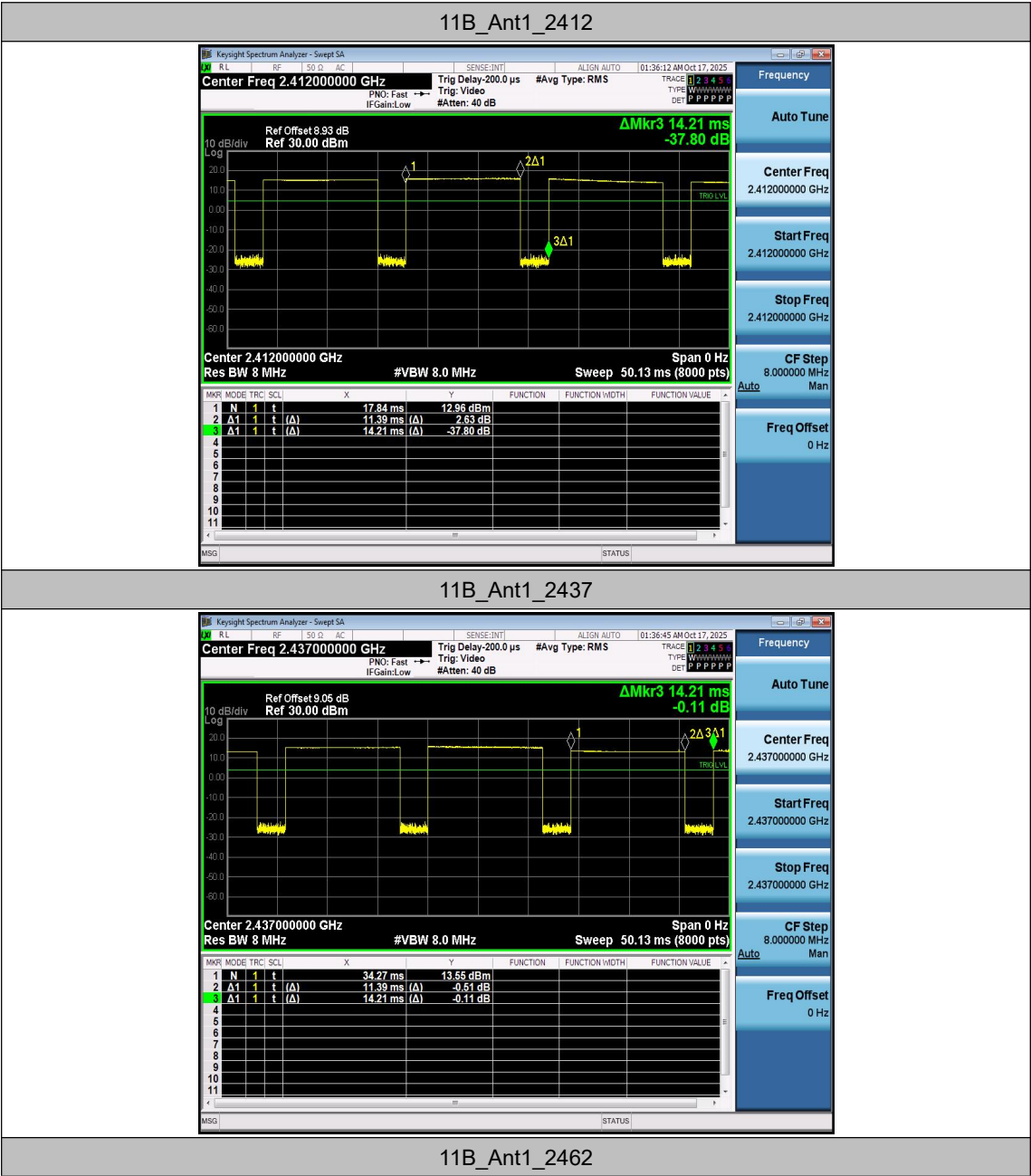


Appendix A.7: Duty Cycle

Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Duty Cycle Factor[dB]	1/T Factor[KHz]
11B	Ant1	2412	11.39	14.21	80.15	0.96	0.09
		2437	11.39	14.21	80.15	0.96	0.09
		2462	11.39	14.21	80.15	0.96	0.09
11G	Ant1	2412	1.90	2.38	79.83	0.98	0.53
		2437	1.89	2.37	79.75	0.98	0.53
		2462	1.89	2.37	79.75	0.98	0.53
11N20SISO	Ant1	2412	1.77	2.23	79.37	1.00	0.56
		2437	1.77	2.30	76.96	1.14	0.56
		2462	1.76	2.21	79.64	0.99	0.57

Test Graphs



11B_Ant1_2437

Keysight Spectrum Analyzer - Swept SA

RF: 150.0 AC

SENSE:INT

ALIGN: AUTO

01:36:45 AM Oct 17, 2025

Center Freq 2.437000000 GHz

Trig Delay: 200.0 μ s

#Avg Type: RMS

PN0: Fast

IFGain: Low

Trig: Video

#Atten: 40 dB

TRACE 1: 1 4 5 6

TYPE: W W W W W W W W

DET: P P P P P P P

Ref Offset 9.05 dB

Ref 30.00 dBm

Δ Mkr3 14.21 ms

-0.11 dB

10 dB/div

0.00

20.00

30.00

40.00

50.00

60.00

Center 2.437000000 GHz

Res BW 8 MHz

#VBW 8.0 MHz

Sweep 50.13 ms (8000 pts)

Span 0 Hz

MKR	MODE	TRC	SCL	X	Y	FUNCTION	FUNCTION (WIDTH)	FUNCTION VALUE
1	N	1	t	34.27 ms	13.65 dBm			
2	Δ 1	1	t	(Δ)	11.39 ms (Δ)	-0.51 dB		
3	Δ 1	1	t	(Δ)	14.21 ms (Δ)	-0.11 dB		
4								
5								
6								
7								
8								
9								
10								
11								

MSG

STATUS

Frequency

Auto Tune

Center Freq
2.437000000 GHz

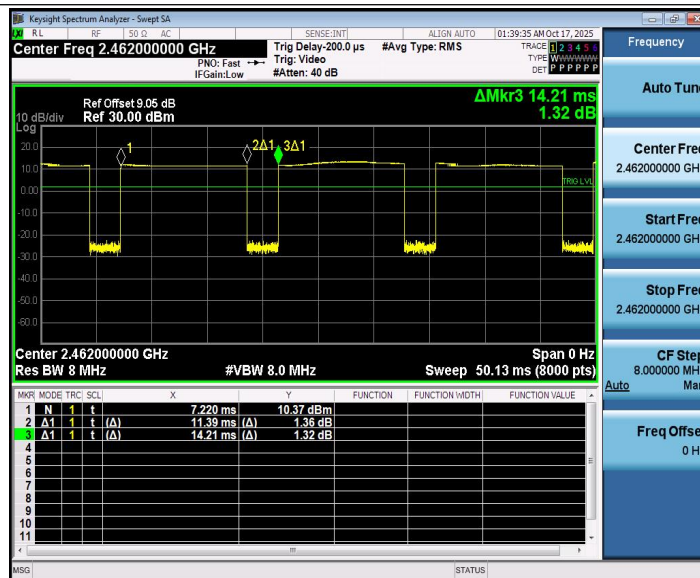
Start Freq
2.437000000 GHz

Stop Freq
2.437000000 GHz

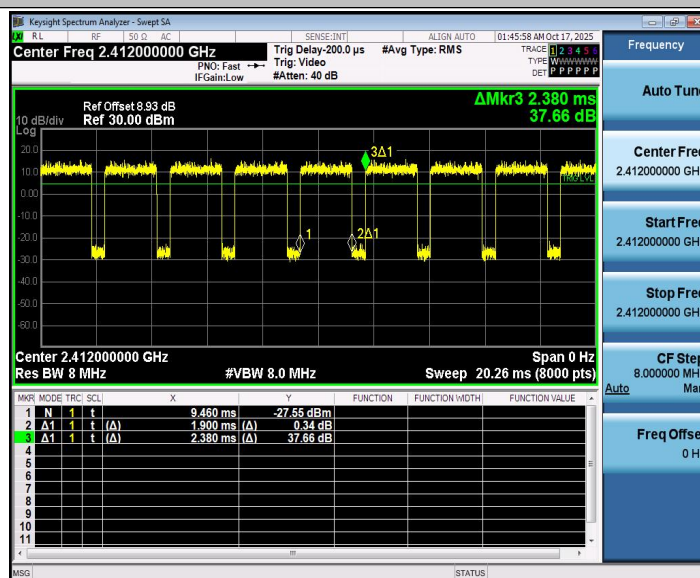
CF Step
8.000000 MHz
Man

Freq Offset
0 Hz

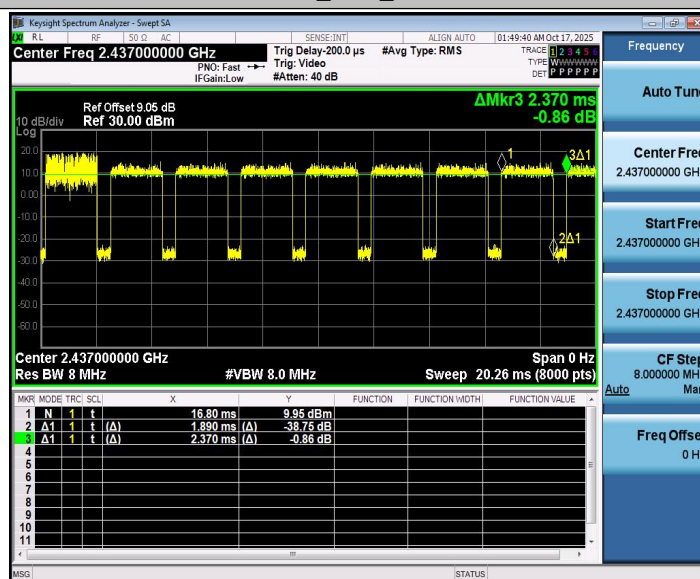
11B_Ant1_2462



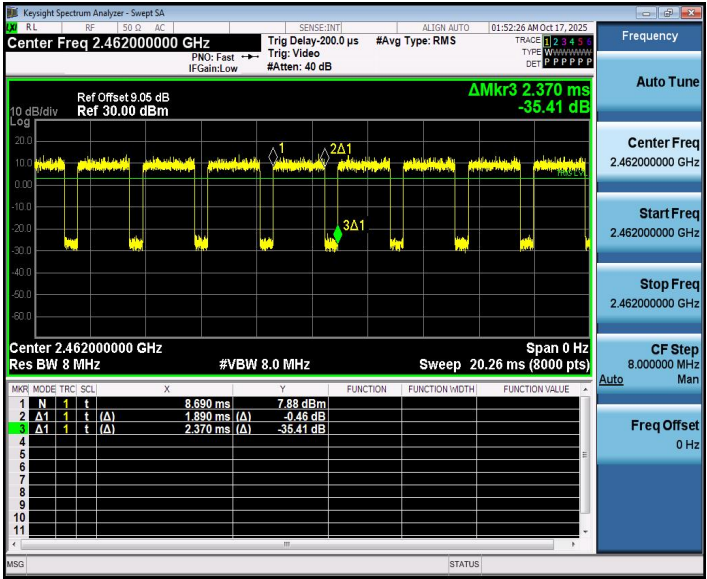
11G_Ant1_2412



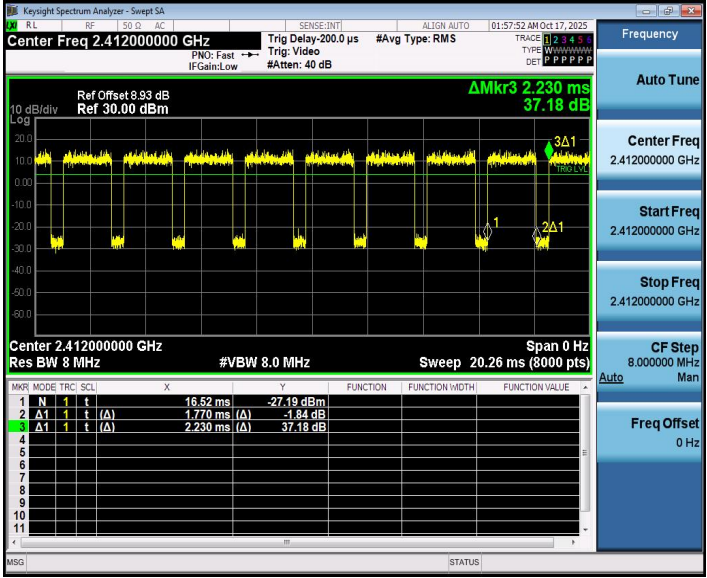
11G_Ant1_2437



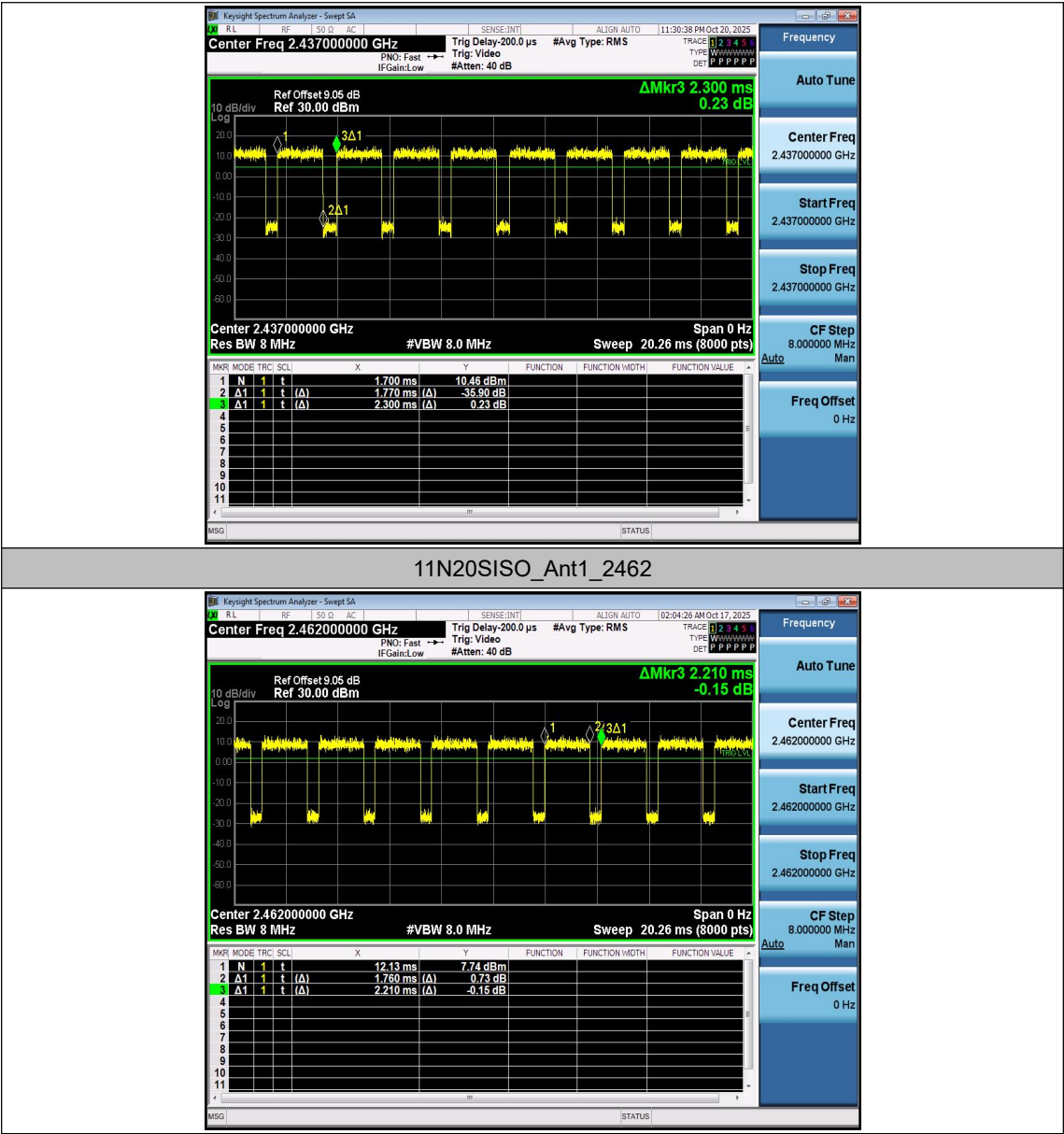
11G_Ant1_2462



11N20SISO_Ant1_2412



11N20SISO_Ant1_2437



Appendix A.8: Emissions in Restricted Bands

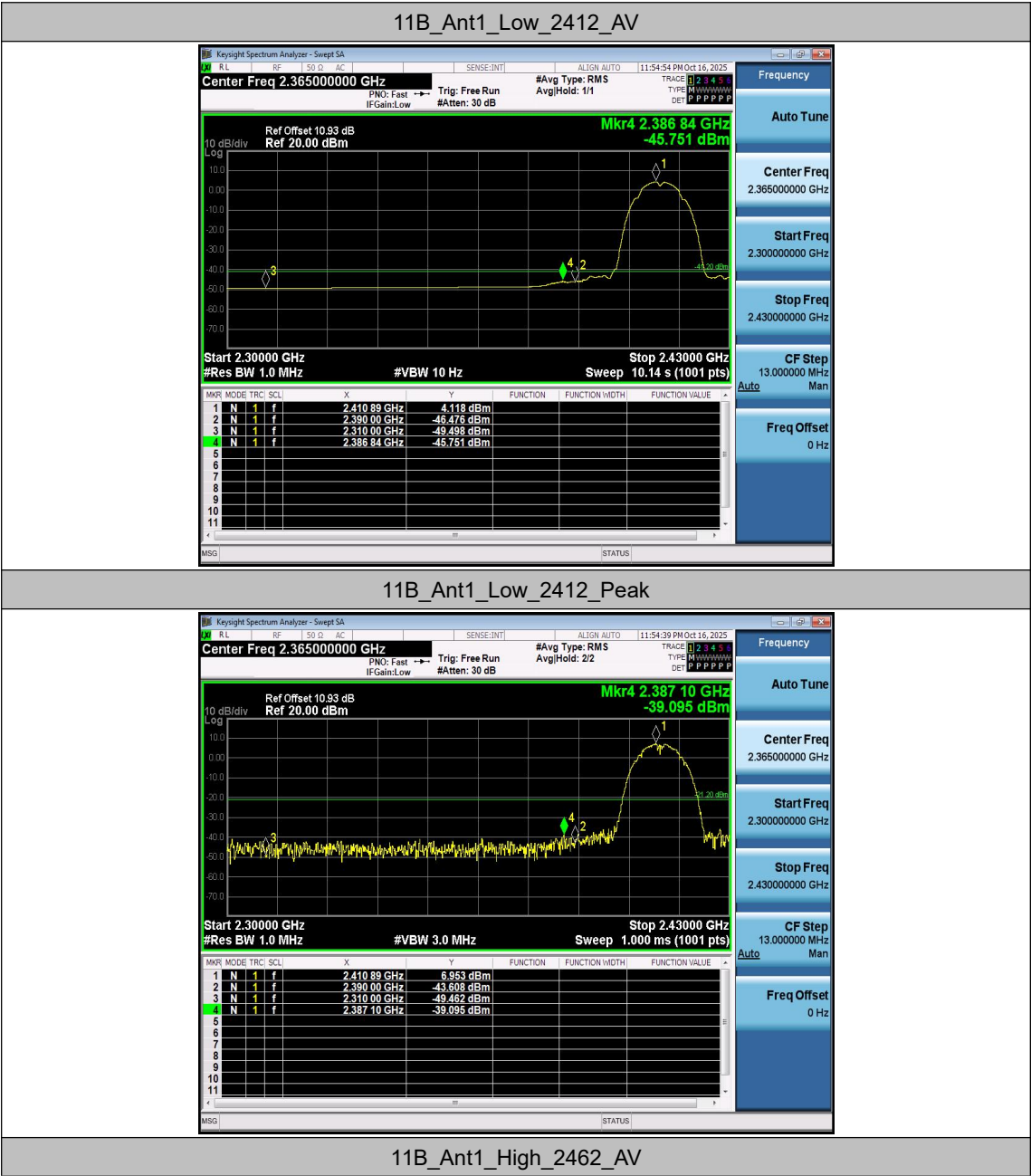
Test Result

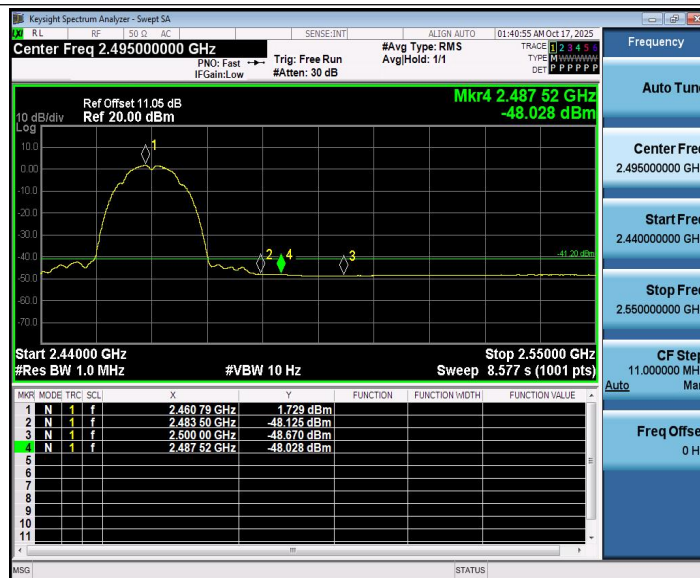
TestMode	Antenna	ChName	Frequenc y[MHz]	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11B	Ant1	Low	2412	AV	2310.000	-49.5	≤-41.20	45.70	≤54	PASS
				AV	2386.840	-45.75	≤-41.20	49.45	≤54	PASS
				AV	2390.000	-46.48	≤-41.20	48.72	≤54	PASS
				Peak	2310.000	-49.46	≤-21.20	45.74	≤74	PASS
				Peak	2387.100	-39.1	≤-21.20	56.10	≤74	PASS
				Peak	2390.000	-43.61	≤-21.20	51.59	≤74	PASS
		High	2462	AV	2483.500	-48.13	≤-41.20	47.07	≤54	PASS
				AV	2487.520	-48.03	≤-41.20	47.17	≤54	PASS
				AV	2500.000	-48.67	≤-41.20	46.53	≤54	PASS
				Peak	2483.500	-40.55	≤-21.20	54.65	≤74	PASS
				Peak	2490.380	-40.32	≤-21.20	54.88	≤74	PASS
				Peak	2500.000	-46.41	≤-21.20	48.79	≤74	PASS
11G	Ant1	Low	2412	AV	2310.000	-49.29	≤-41.20	45.91	≤54	PASS
				AV	2389.960	-44.79	≤-41.20	50.41	≤54	PASS
				AV	2390.000	-44.79	≤-41.20	50.41	≤54	PASS
				Peak	2310.000	-46.13	≤-21.20	49.07	≤74	PASS
				Peak	2389.960	-39.03	≤-21.20	56.17	≤74	PASS
				Peak	2390.000	-39.03	≤-21.20	56.17	≤74	PASS
		High	2462	AV	2483.500	-47.87	≤-41.20	47.33	≤54	PASS
				AV	2483.560	-47.9	≤-41.20	47.30	≤54	PASS
				AV	2500.000	-48.67	≤-41.20	46.53	≤54	PASS
				Peak	2483.500	-48.94	≤-21.20	46.26	≤74	PASS
				Peak	2494.120	-41.11	≤-21.20	54.09	≤74	PASS
				Peak	2500.000	-44.14	≤-21.20	51.06	≤74	PASS
11N20SIS O	Ant1	Low	2412	AV	2310.000	-49.44	≤-41.20	45.76	≤54	PASS
				AV	2389.960	-43.97	≤-41.20	51.23	≤54	PASS
				AV	2390.000	-43.97	≤-41.20	51.23	≤54	PASS
				Peak	2310.000	-45.51	≤-21.20	49.69	≤74	PASS
				Peak	2388.140	-38.46	≤-21.20	56.74	≤74	PASS
				Peak	2390.000	-40.52	≤-21.20	54.68	≤74	PASS
		High	2462	AV	2483.500	-47.77	≤-41.20	47.43	≤54	PASS
				AV	2483.670	-47.8	≤-41.20	47.40	≤54	PASS
				AV	2500.000	-48.8	≤-41.20	46.40	≤54	PASS
				Peak	2483.500	-43.52	≤-21.20	51.68	≤74	PASS
				Peak	2497.750	-41.6	≤-21.20	53.60	≤74	PASS
				Peak	2500.000	-48.24	≤-21.20	46.96	≤74	PASS

Note:

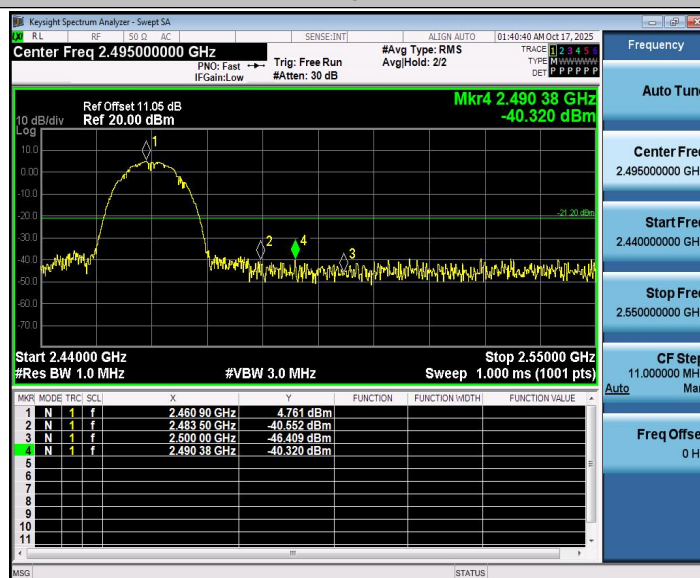
1. The Antenna Gain is compensated in the graph.
2. The Duty Cycle Factor and RBW Factor is compensated in the graph.
3. The limit in dBm for average detector is conversion from 54dBuV/m, according to 15.209(a). The limit in dBm for peak detector is 20dB above the limit of average detector in dBm.

Test Graphs





11B_Ant1_High_2462_Peak



11G_Ant1_Low_2412_AV

