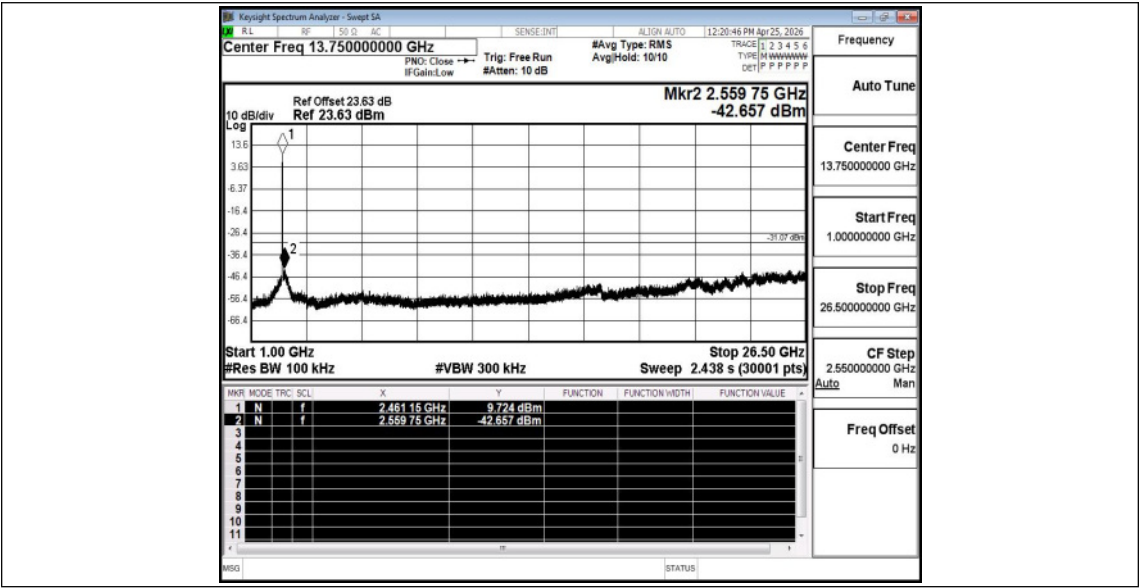




A.6 Duty Cycle

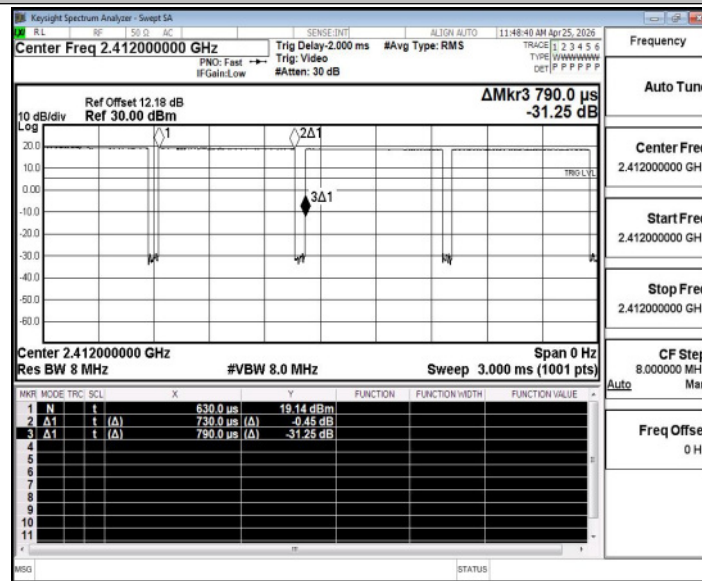
Test Result

TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	xFactor
11B	Ant1	2412	0.73	0.79	92.41	0.34
		2437	0.73	0.79	92.41	0.34
		2462	0.74	0.80	92.50	0.34
11G	Ant1	2412	0.12	0.18	66.67	1.76
		2437	0.11	0.18	61.11	2.14
		2462	0.12	0.18	66.67	1.76
11N20SISO	Ant1	2412	0.11	0.18	61.11	2.14
		2437	0.12	0.18	66.67	1.76
		2462	0.11	0.18	61.11	2.14

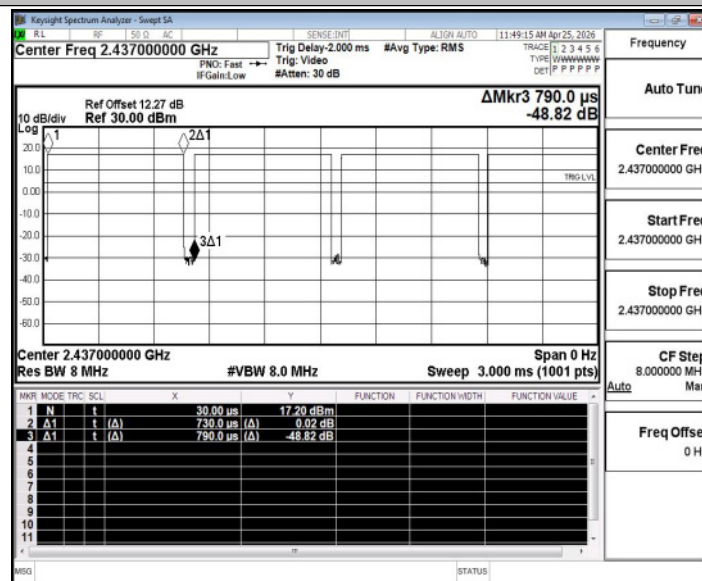
Note :offset=System attenuation +cabel loss

Test Graphs

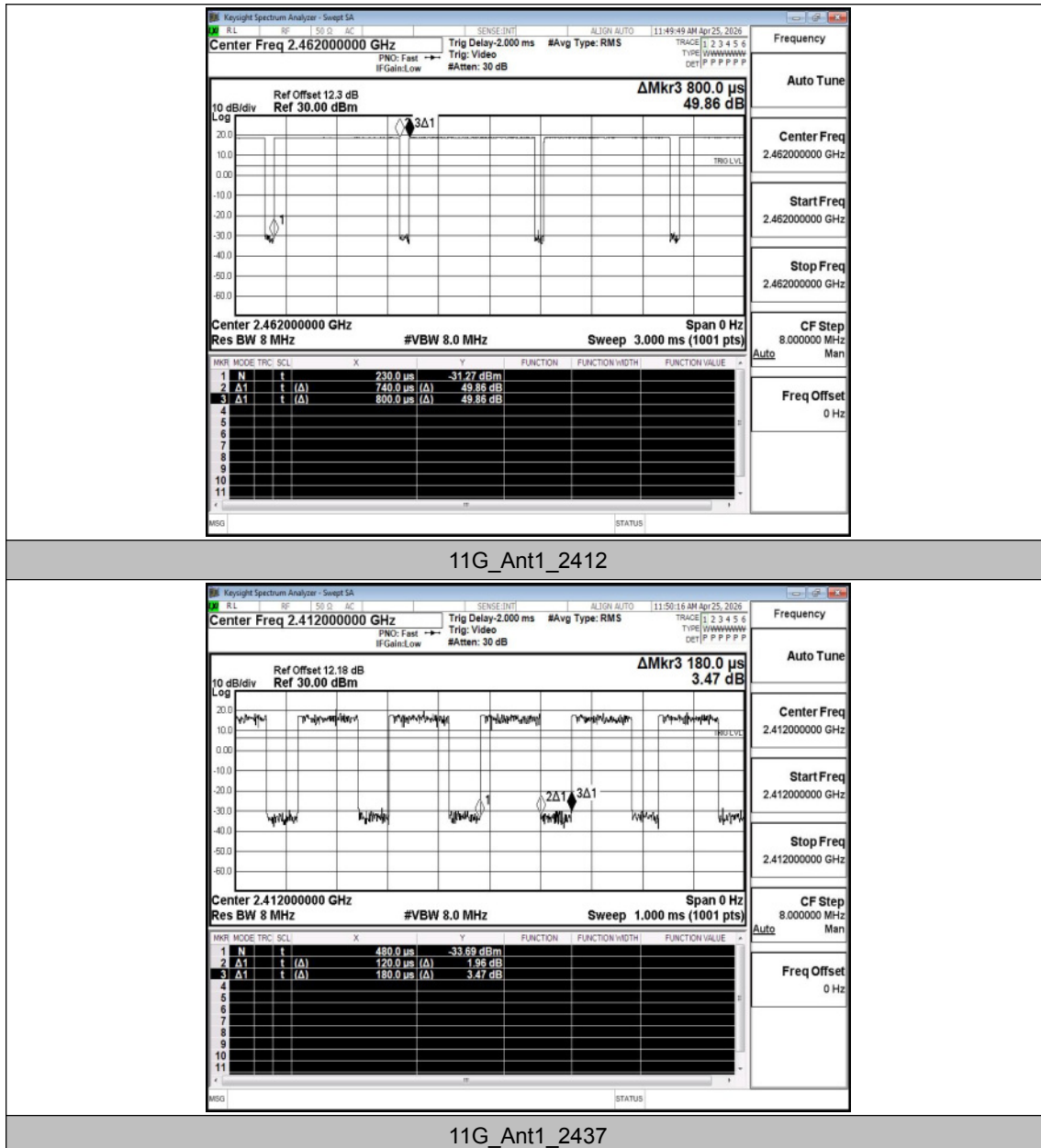
11B_Ant1_2412

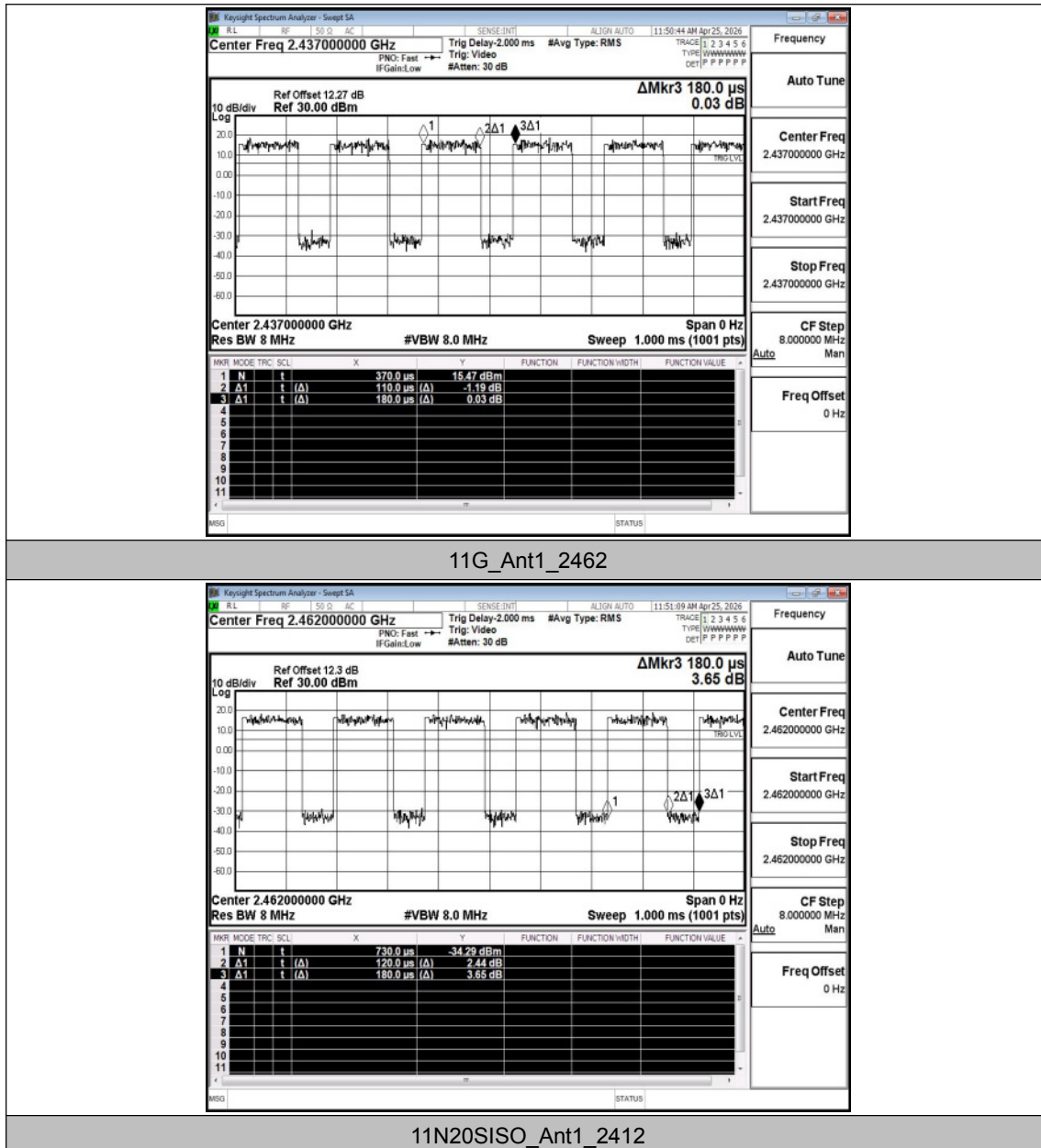


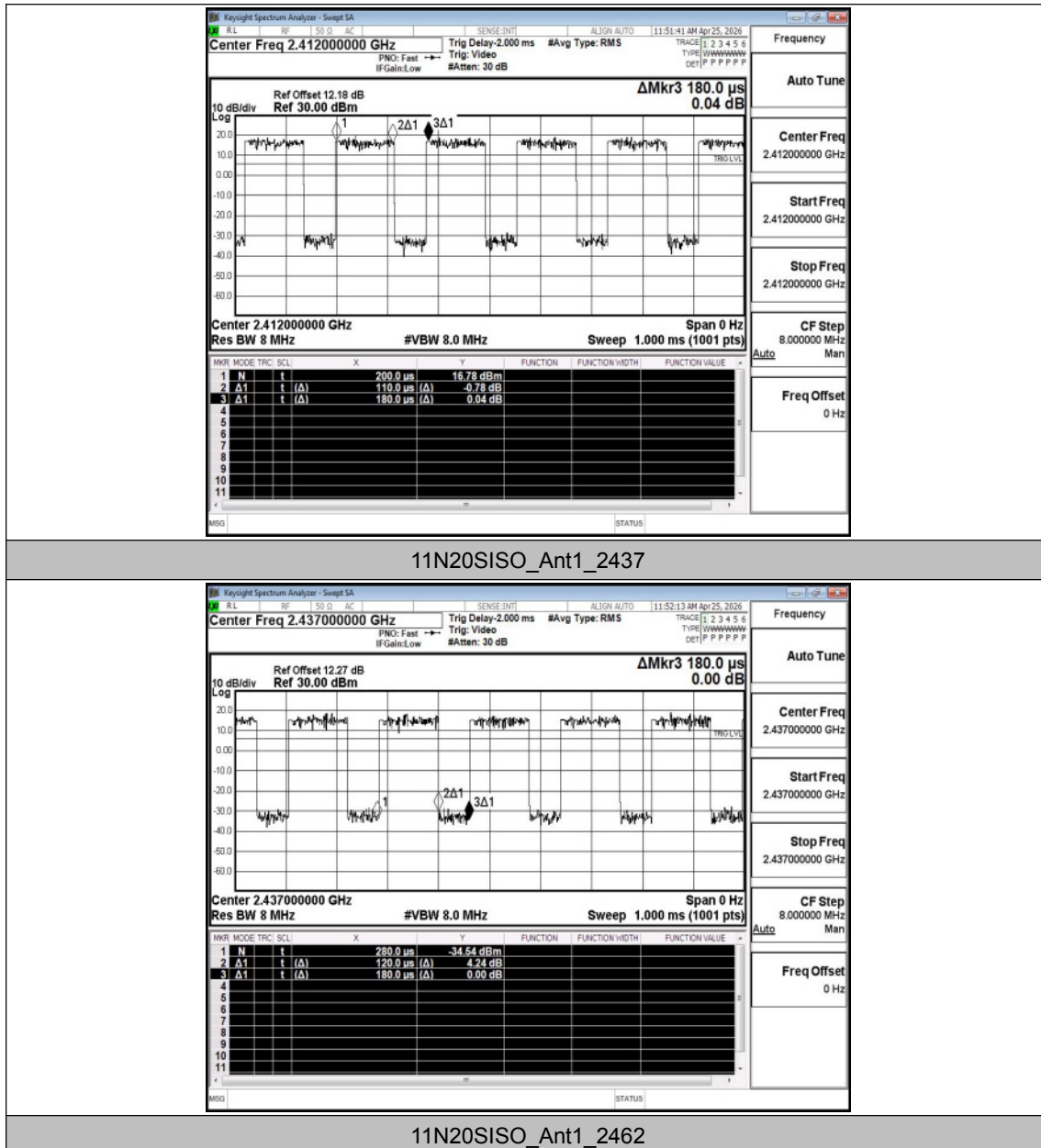
11B_Ant1_2437

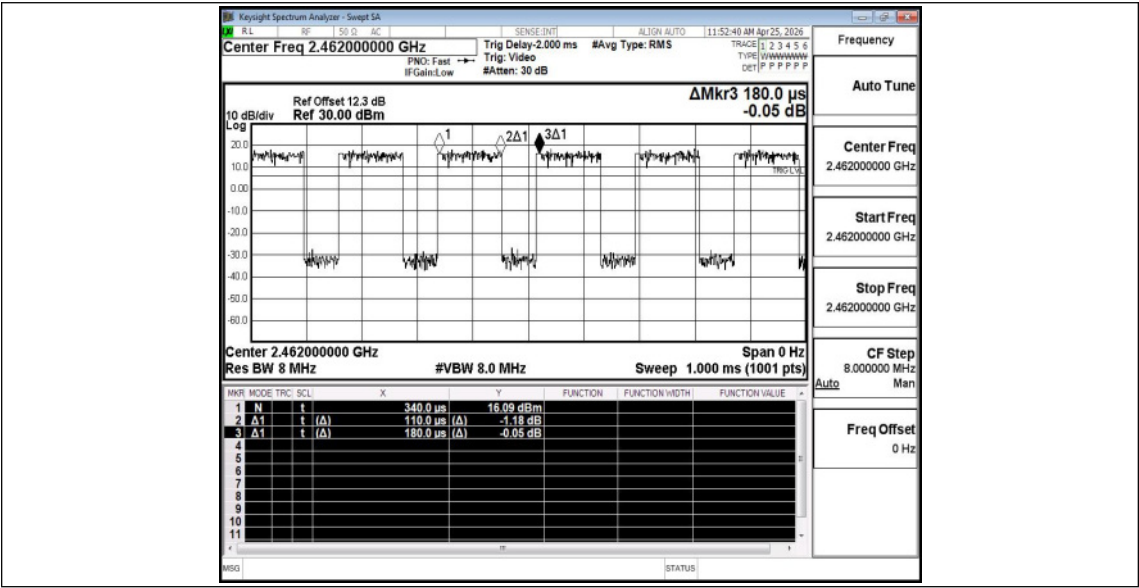


11B_Ant1_2462









A.7 Emissions in Restricted Bands

Test Result

TestMode	Antenna	ChName	Frequency[MHz]	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Gain [dBi]	DC Factor [dB]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11B	Ant1	Low	2412	AV	2310.000	-46.4	≤-43.54	2.16	0.34	51.30	≤54	PASS
				AV	2387.490	-45.59	≤-43.54	2.16	0.34	52.11	≤54	PASS
				AV	2390.000	-46.44	≤-43.54	2.16	0.34	51.26	≤54	PASS
				Peak	2310.000	-38.11	≤-23.20	2.16	0.00	59.25	≤74	PASS
				Peak	2384.110	-36.34	≤-23.20	2.16	0.00	61.02	≤74	PASS
				Peak	2390.000	-38.43	≤-23.20	2.16	0.00	58.93	≤74	PASS
		High	2462	AV	2483.500	-45.8	≤-43.54	2.16	0.34	51.90	≤54	PASS
				AV	2488.290	-45.05	≤-43.54	2.16	0.34	52.65	≤54	PASS
				AV	2500.000	-45.33	≤-43.54	2.16	0.34	52.37	≤54	PASS
				Peak	2483.500	-37.41	≤-23.20	2.16	0.00	59.95	≤74	PASS
				Peak	2498.740	-34.47	≤-23.20	2.16	0.00	62.89	≤74	PASS
				Peak	2500.000	-38.19	≤-23.20	2.16	0.00	59.17	≤74	PASS
11G	Ant1	Low	2412	AV	2310.000	-47.24	≤-44.96	2.16	1.76	51.88	≤54	PASS
				AV	2389.570	-45.68	≤-44.96	2.16	1.76	53.44	≤54	PASS
				AV	2390.000	-45.9	≤-44.96	2.16	1.76	53.22	≤54	PASS
				Peak	2310.000	-38.36	≤-23.20	2.16	0.00	59.00	≤74	PASS
				Peak	2384.890	-36	≤-23.20	2.16	0.00	61.36	≤74	PASS
				Peak	2390.000	-38.08	≤-23.20	2.16	0.00	59.28	≤74	PASS
		High	2462	AV	2483.500	-50.34	≤-44.96	2.16	1.76	48.78	≤54	PASS
				AV	2483.670	-49.75	≤-44.96	2.16	1.76	49.37	≤54	PASS
				AV	2500.000	-54.66	≤-44.96	2.16	1.76	44.46	≤54	PASS
				Peak	2483.500	-41.28	≤-23.20	2.16	0.00	56.08	≤74	PASS
				Peak	2484.660	-36.46	≤-23.20	2.16	0.00	60.90	≤74	PASS
				Peak	2500.000	-45.51	≤-23.20	2.16	0.00	51.85	≤74	PASS
11N20SISO	Ant1	Low	2412	AV	2310.000	-46.41	≤-45.34	2.16	2.14	53.09	≤54	PASS
				AV	2388.270	-45.37	≤-45.34	2.16	2.14	54.13	≤54	PASS
				AV	2390.000	-45.38	≤-45.34	2.16	2.14	54.12	≤54	PASS
				Peak	2310.000	-39.6	≤-23.20	2.16	0.00	57.76	≤74	PASS
				Peak	2380.470	-34.68	≤-23.20	2.16	0.00	62.68	≤74	PASS
				Peak	2390.000	-37.66	≤-23.20	2.16	0.00	59.70	≤74	PASS
		High	2462	AV	2483.500	-47.86	≤-45.34	2.16	2.14	51.64	≤54	PASS
				AV	2483.560	-47.95	≤-45.34	2.16	2.14	51.55	≤54	PASS
				AV	2500.000	-53.18	≤-45.34	2.16	2.14	46.32	≤54	PASS
				Peak	2483.500	-39.8	≤-23.20	2.16	0.00	57.56	≤74	PASS

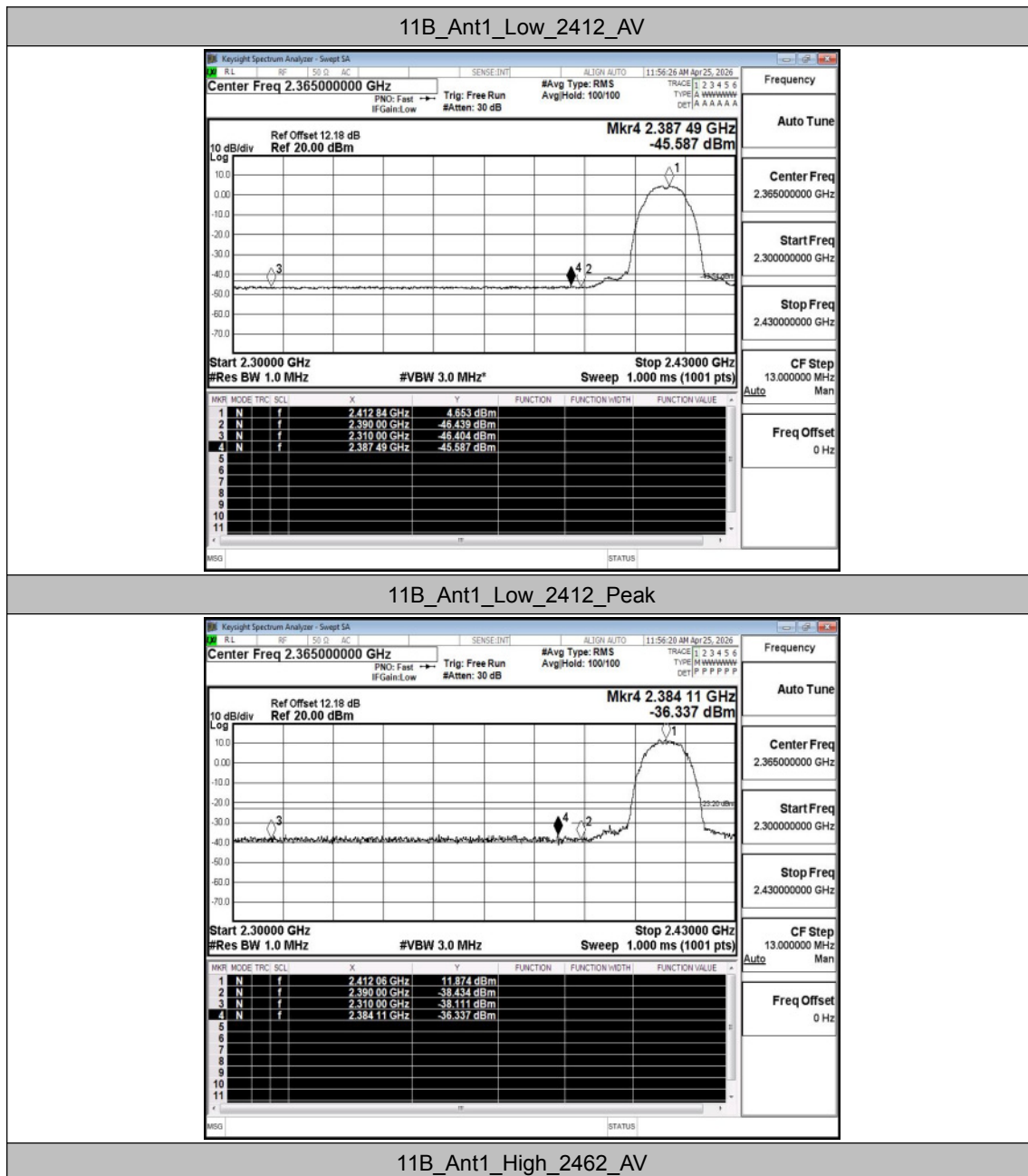
				Peak	2487.190	-34.17	≤-23.20	2.16	0.00	63.19	≤74	PASS
				Peak	2500.000	-43.69	≤-23.20	2.16	0.00	53.67	≤74	PASS

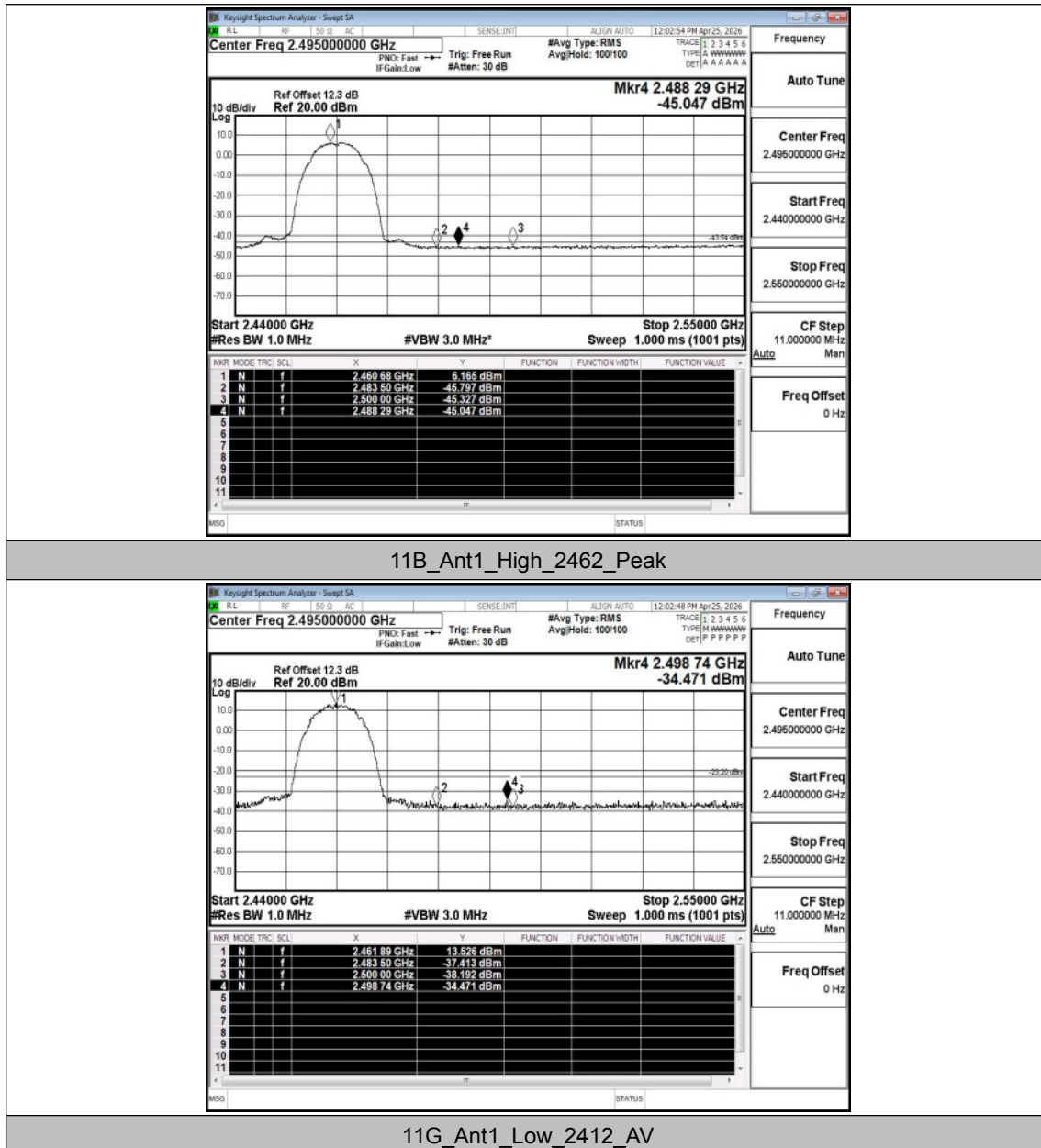
Note :offset=System attenuation +cabal loss

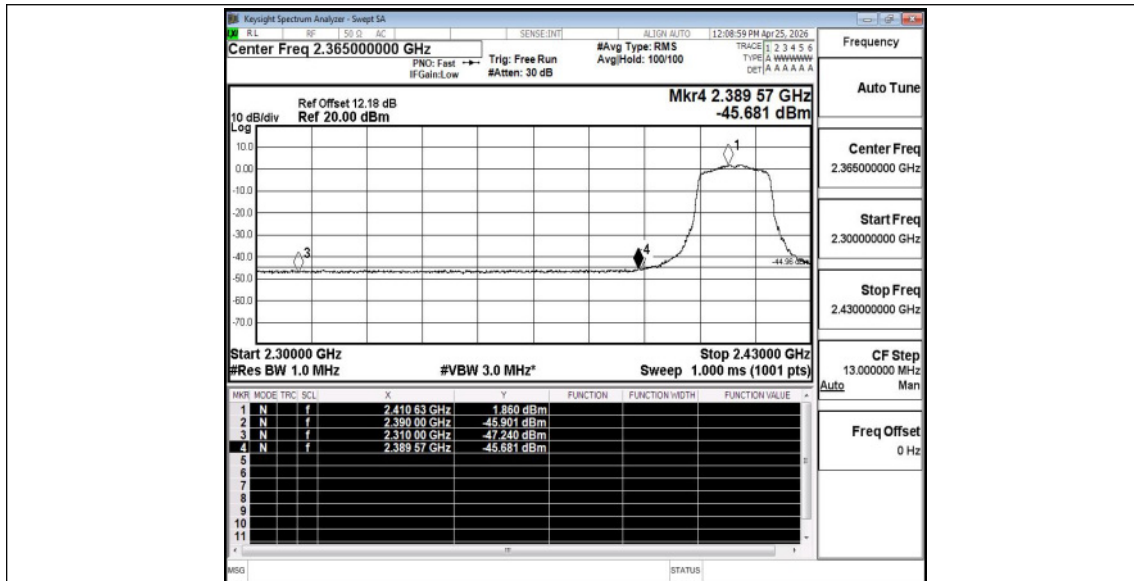
Note:

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.
3. The EUT are shipped with two antennas, only the worst antenna(Ant 1) is recorded.

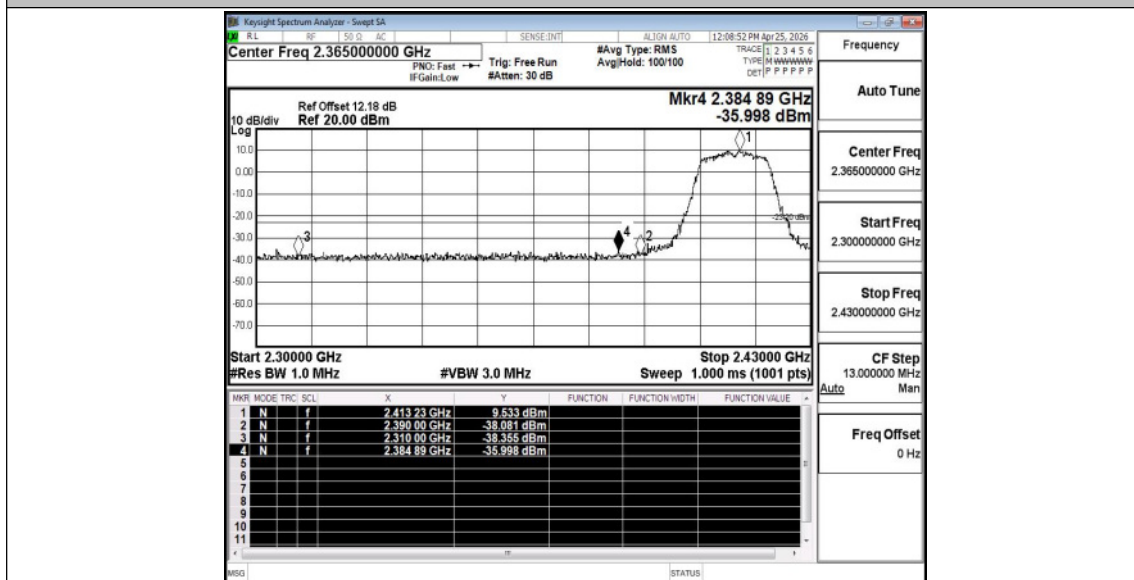
Test Graphs



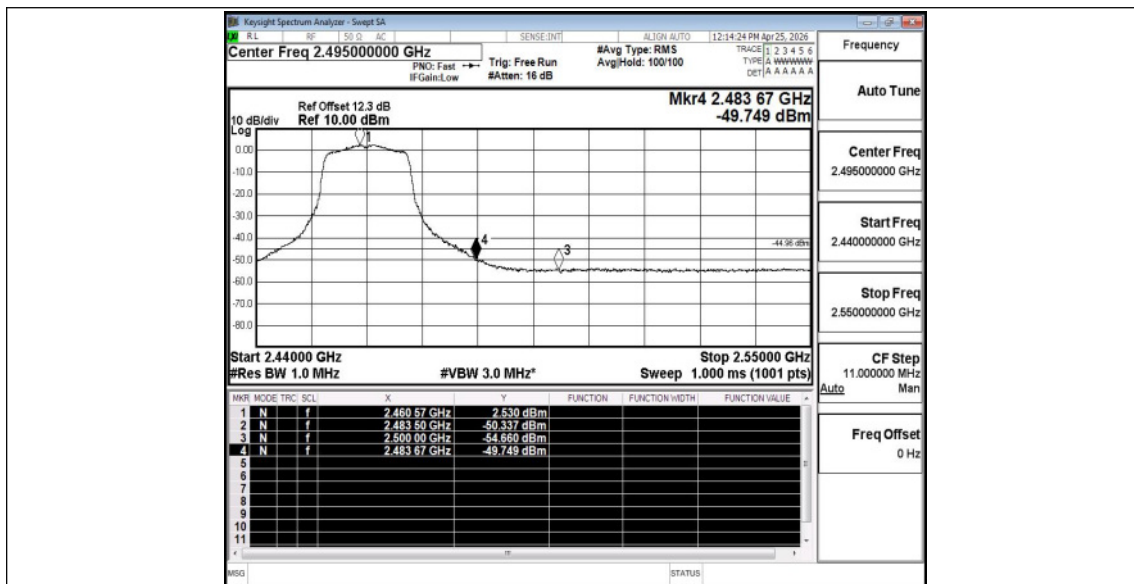




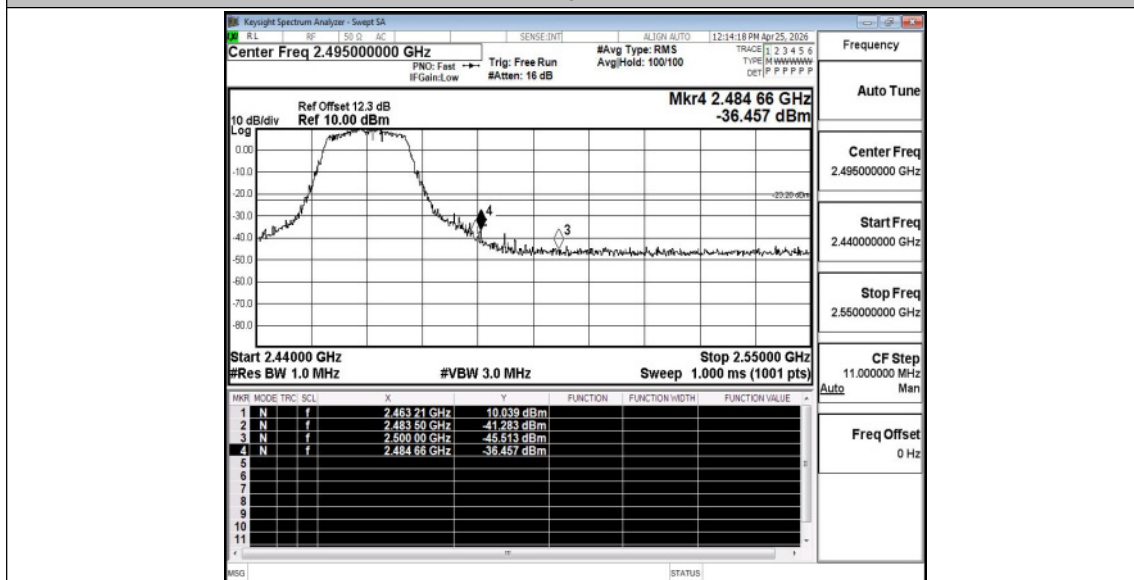
11G_Ant1_Low_2412_Peak



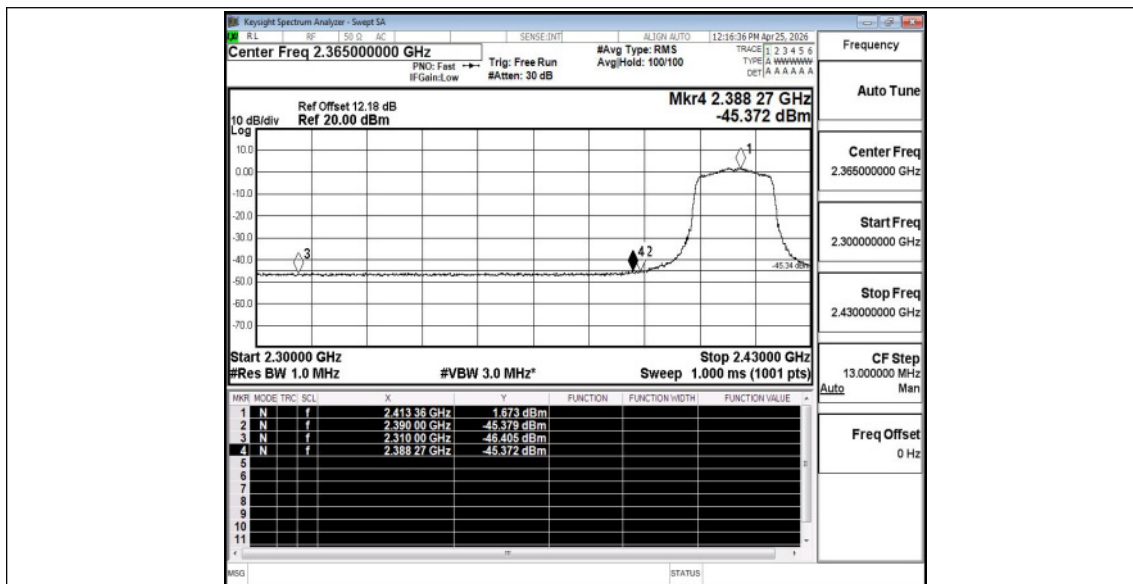
11G_Ant1_High_2462_AV



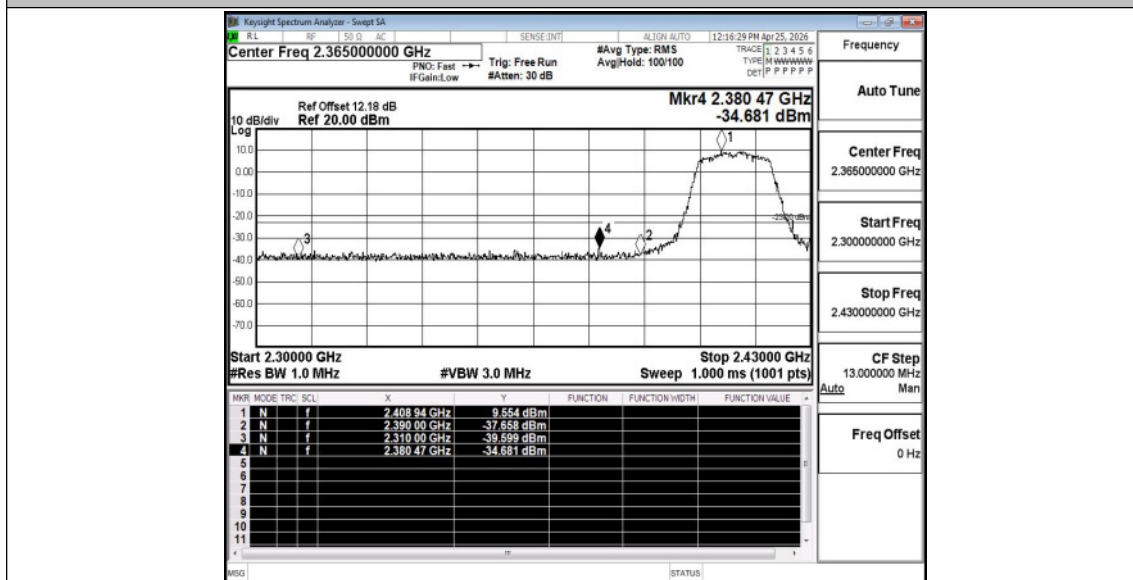
11G_Ant1_High_2462_Peak



11N20SISO_Ant1_Low_2412_AV



11N20SISO_Ant1_Low_2412_Peak



11N20SISO_Ant1_High_2462_AV

