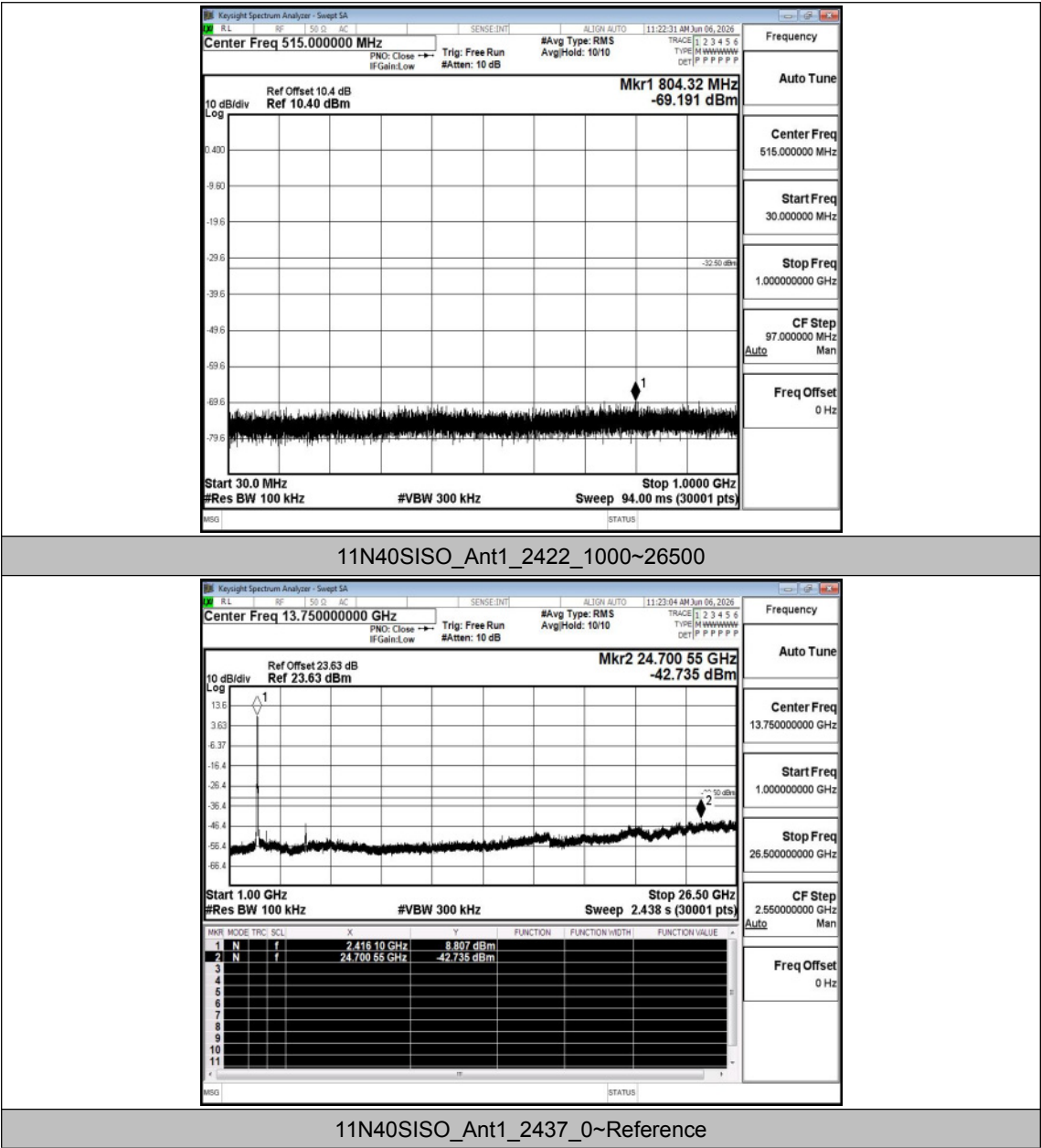
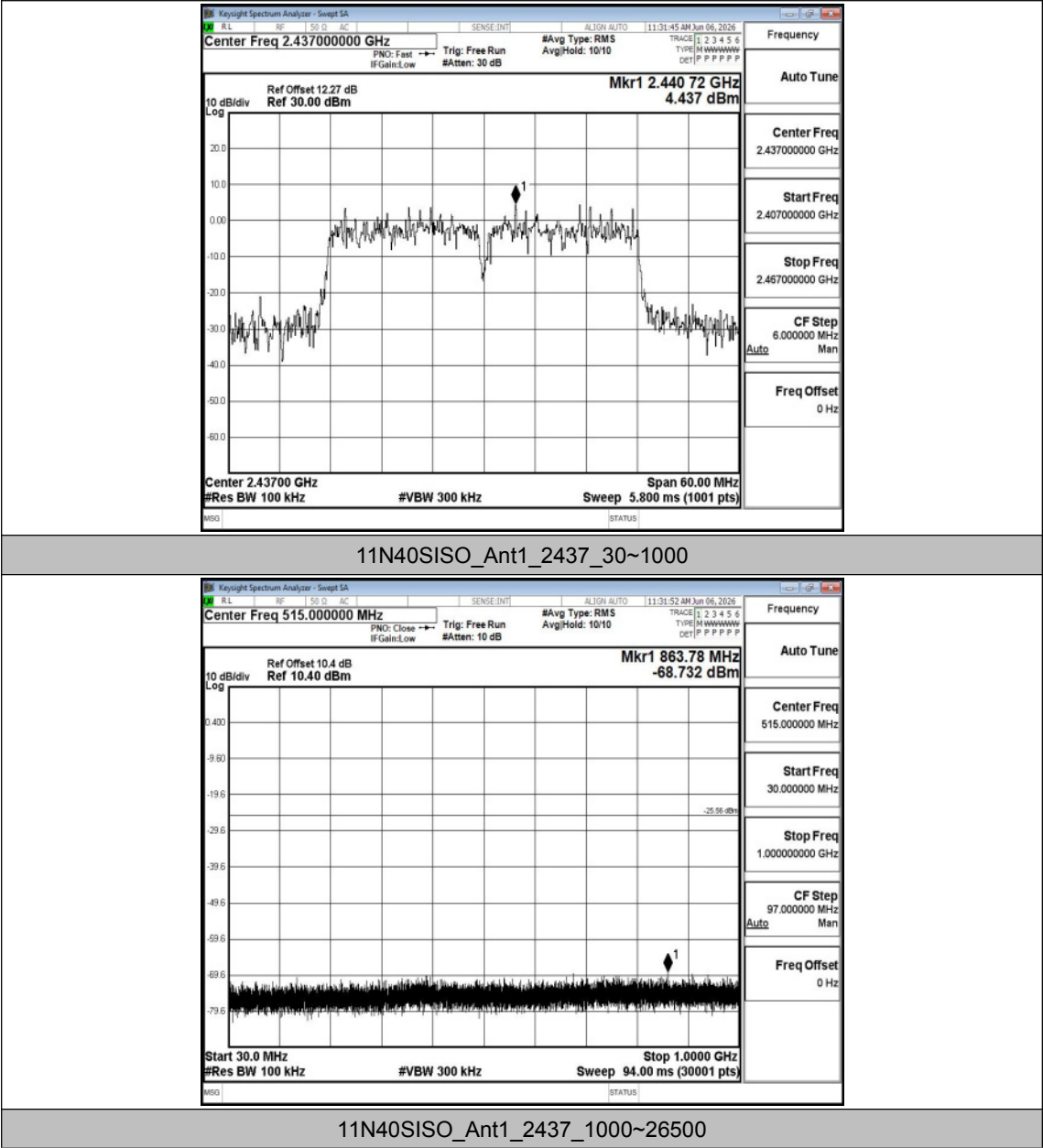
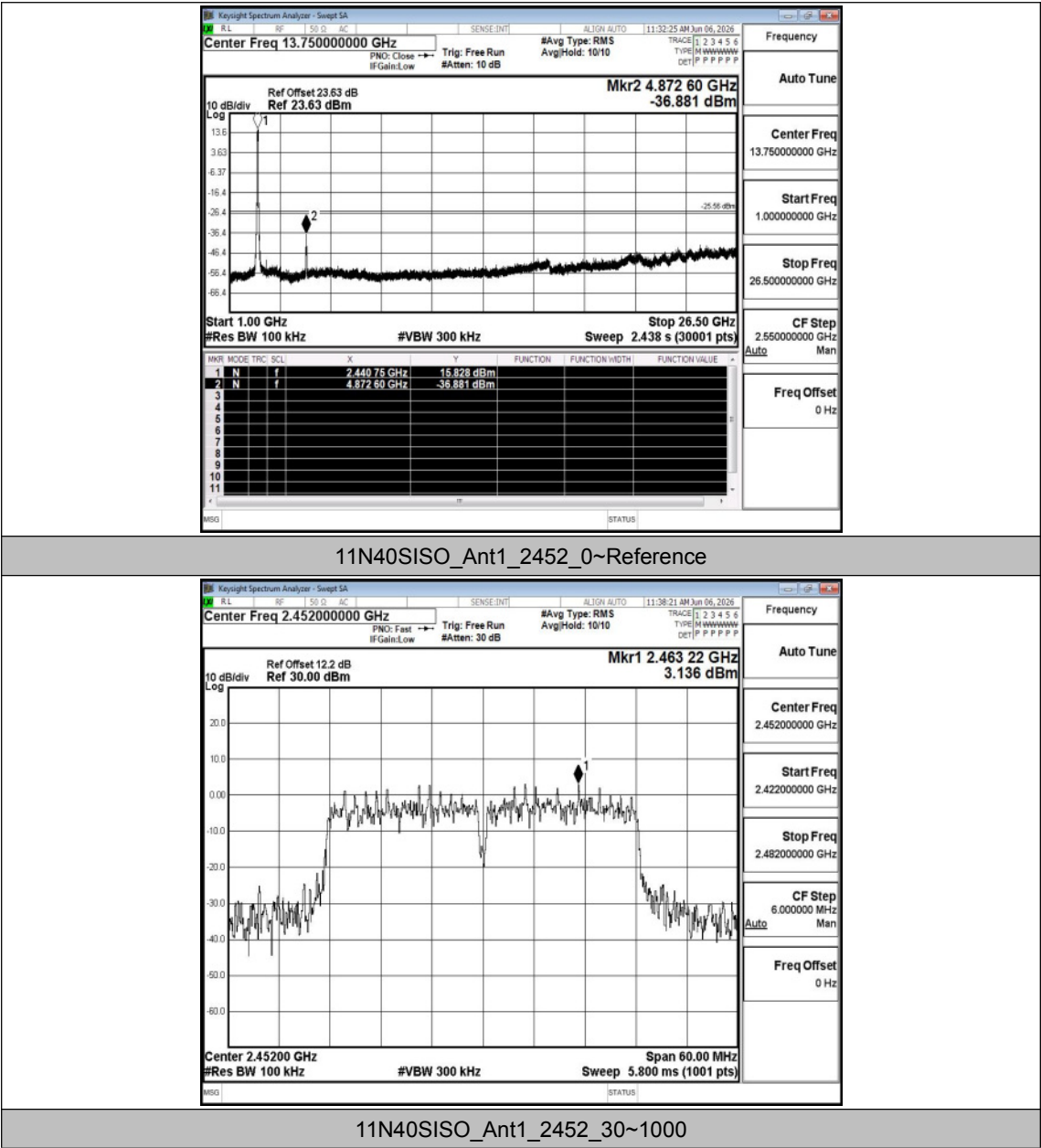
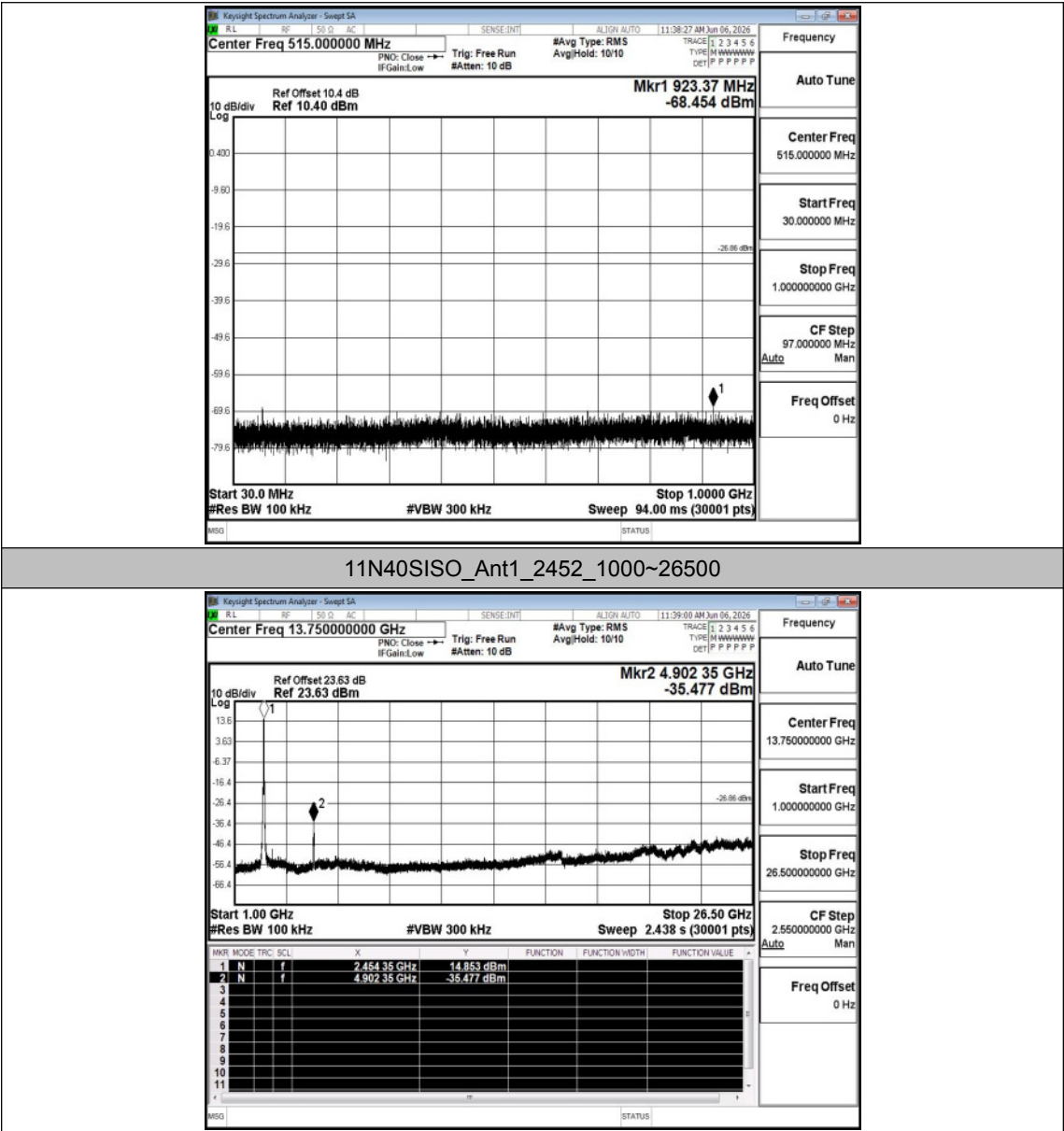










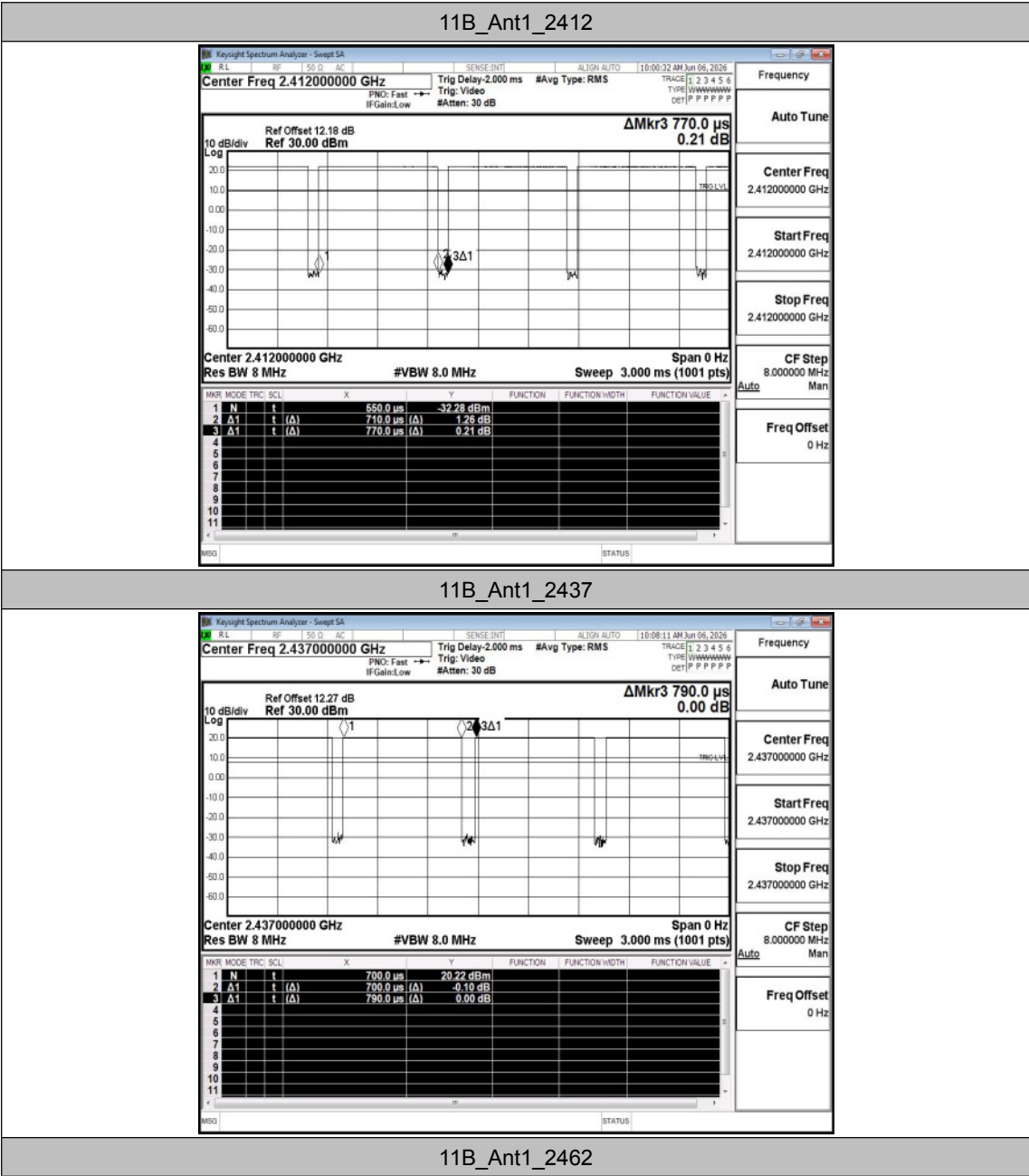
C.6 Duty Cycle

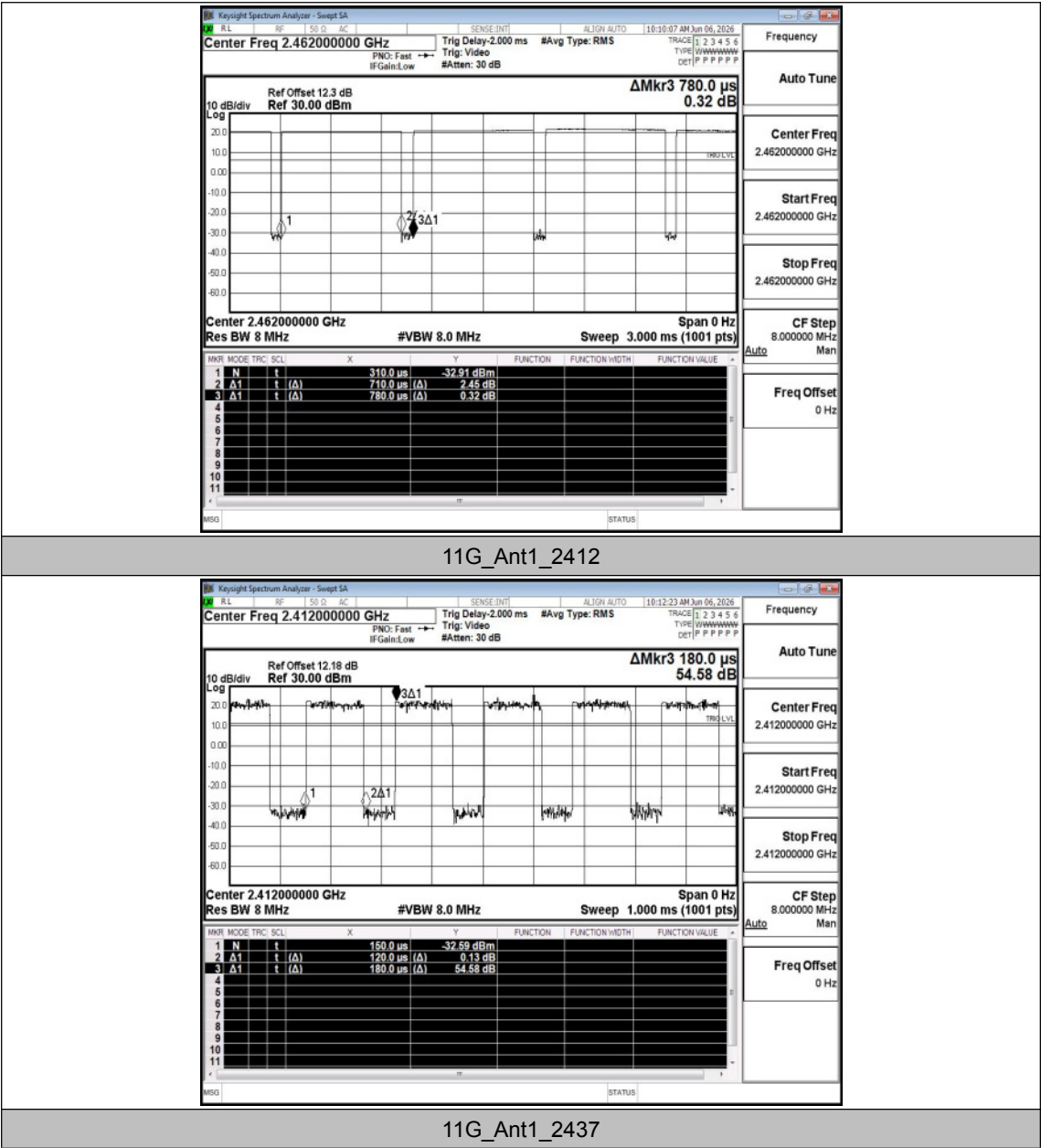
Test Result

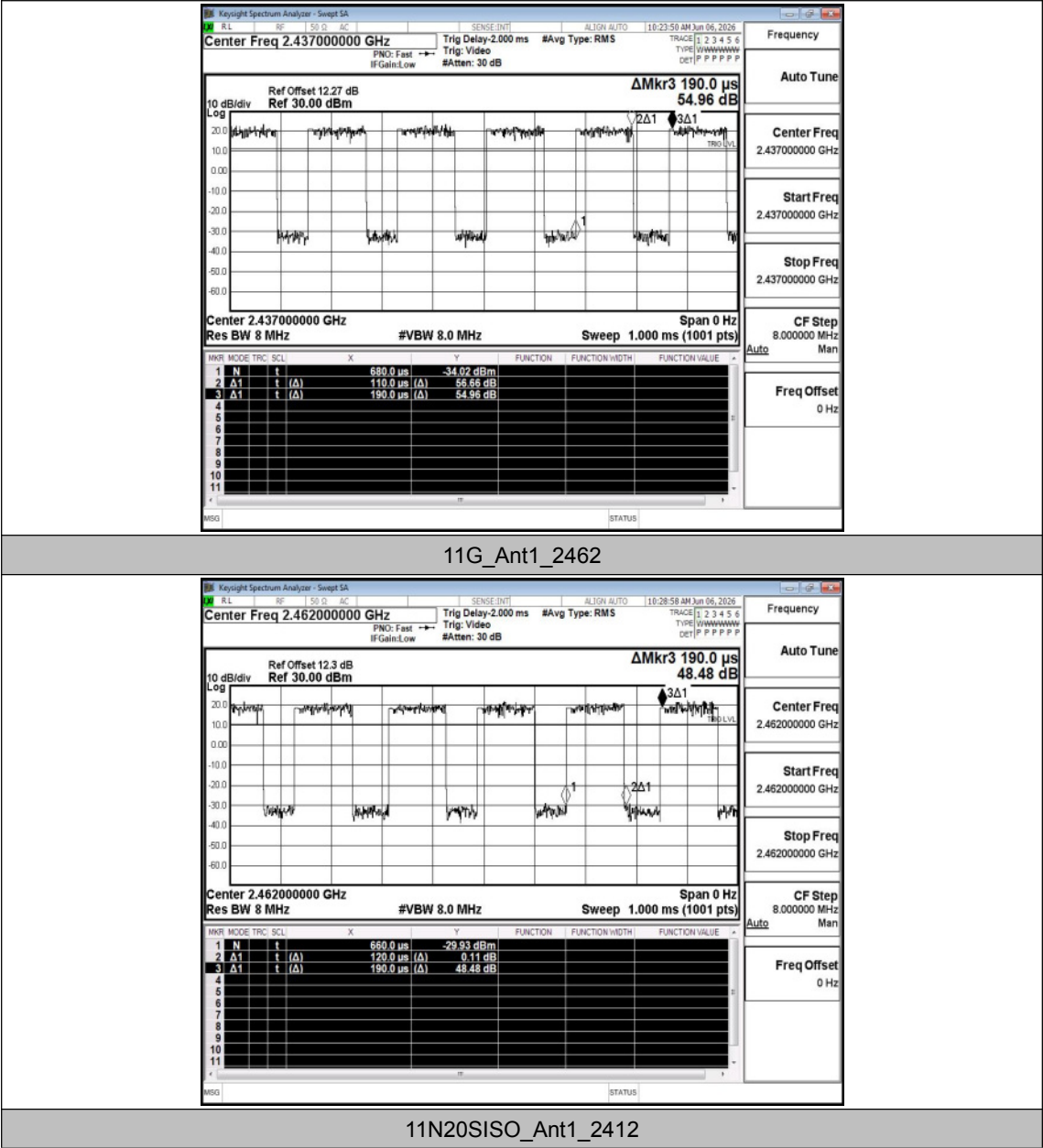
TestMode	Antenna	Frequency[MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	xFactor
11B	Ant1	2412	0.71	0.77	92.21	0.35
		2437	0.70	0.79	88.61	0.53
		2462	0.71	0.78	91.03	0.41
11G	Ant1	2412	0.12	0.18	66.67	1.76
		2437	0.11	0.19	57.89	2.37
		2462	0.12	0.19	63.16	2.00
11N20SISO	Ant1	2412	0.11	0.18	61.11	2.14
		2437	0.11	0.18	61.11	2.14
		2462	0.12	0.18	66.67	1.76
11N40SISO	Ant1	2422	0.07	0.16	43.75	3.59
		2437	0.07	0.16	43.75	3.59
		2452	0.07	0.14	50.00	3.01

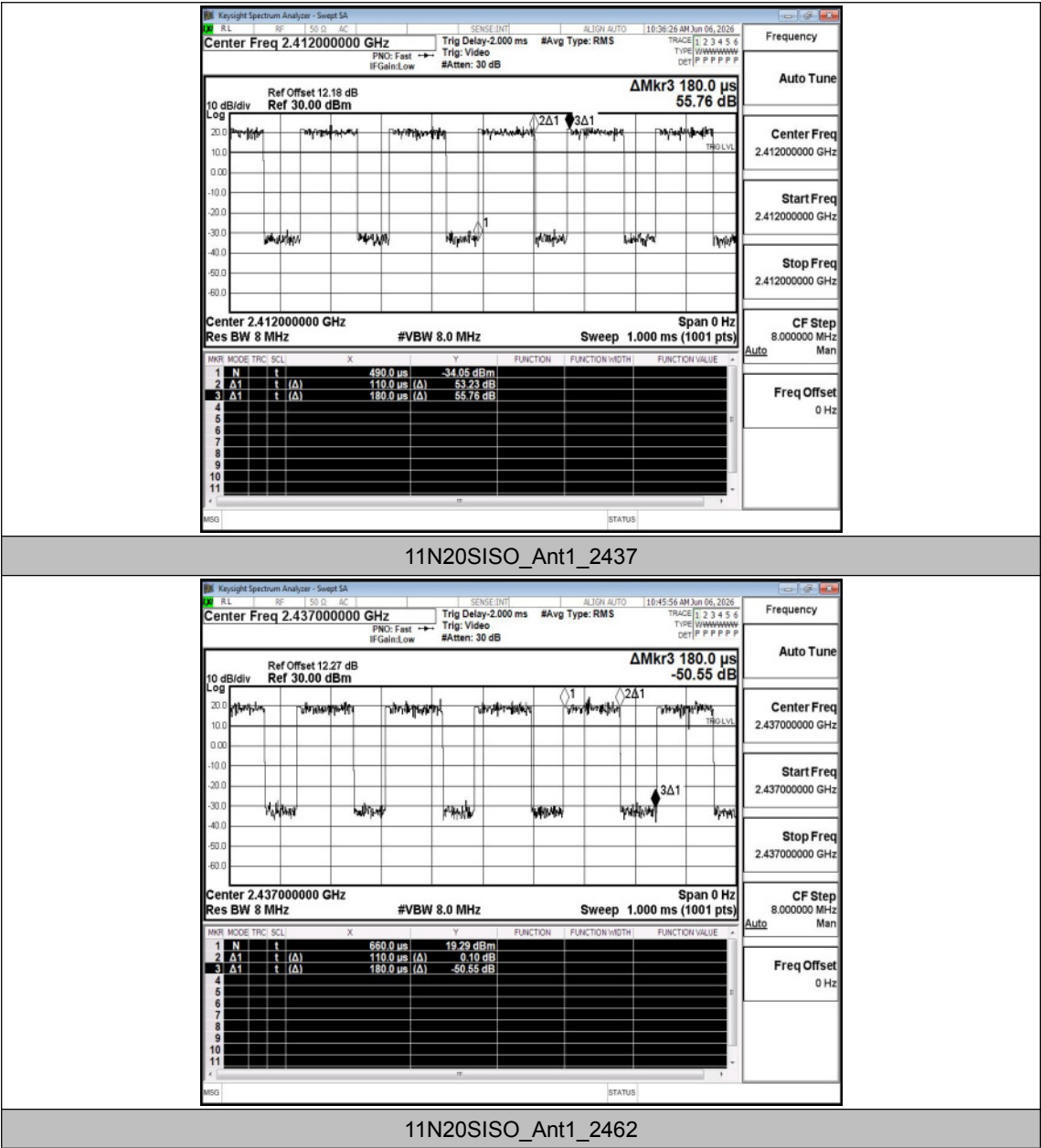
Note :offset=System attenuation +cabel loss

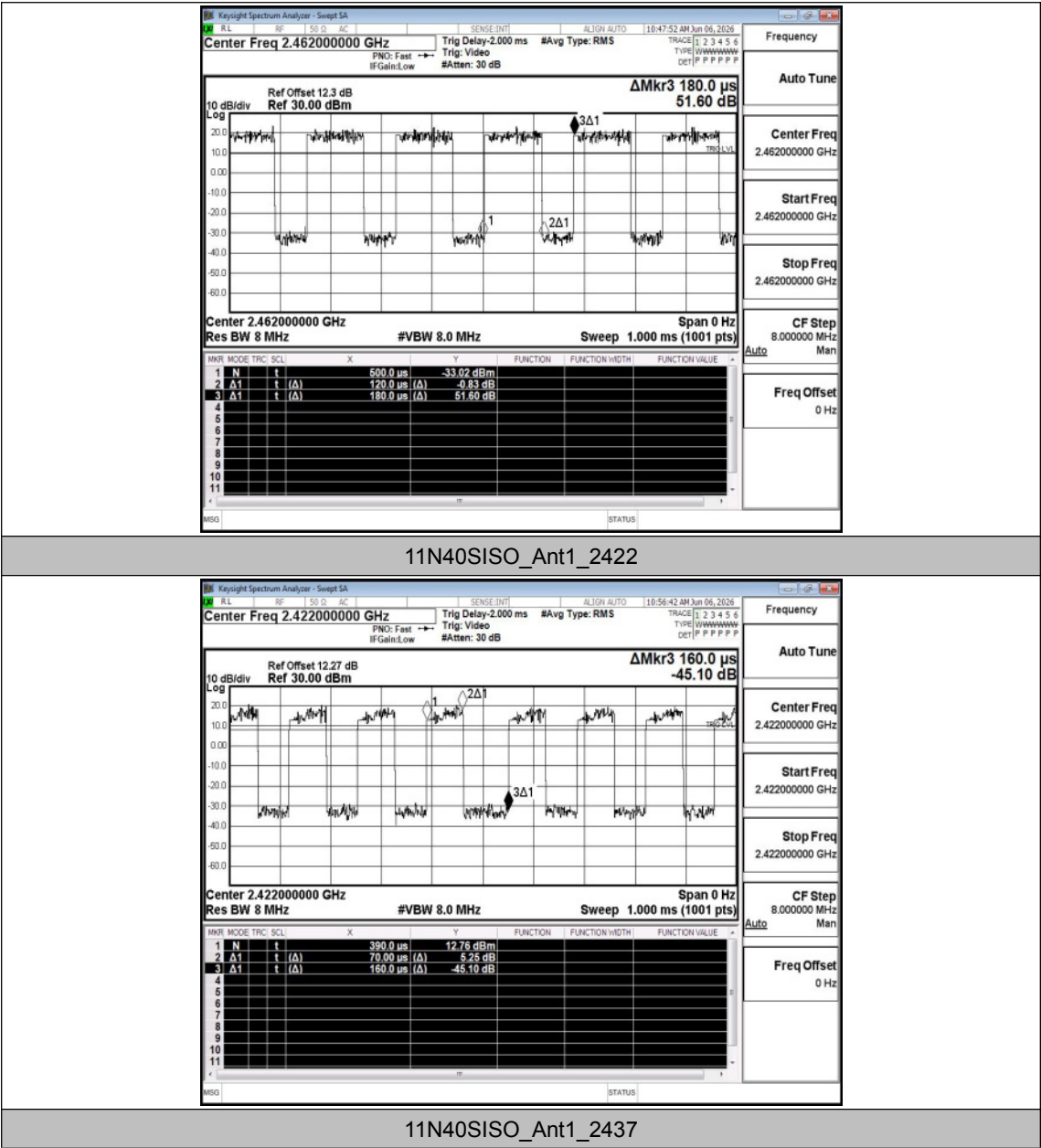
Test Graphs

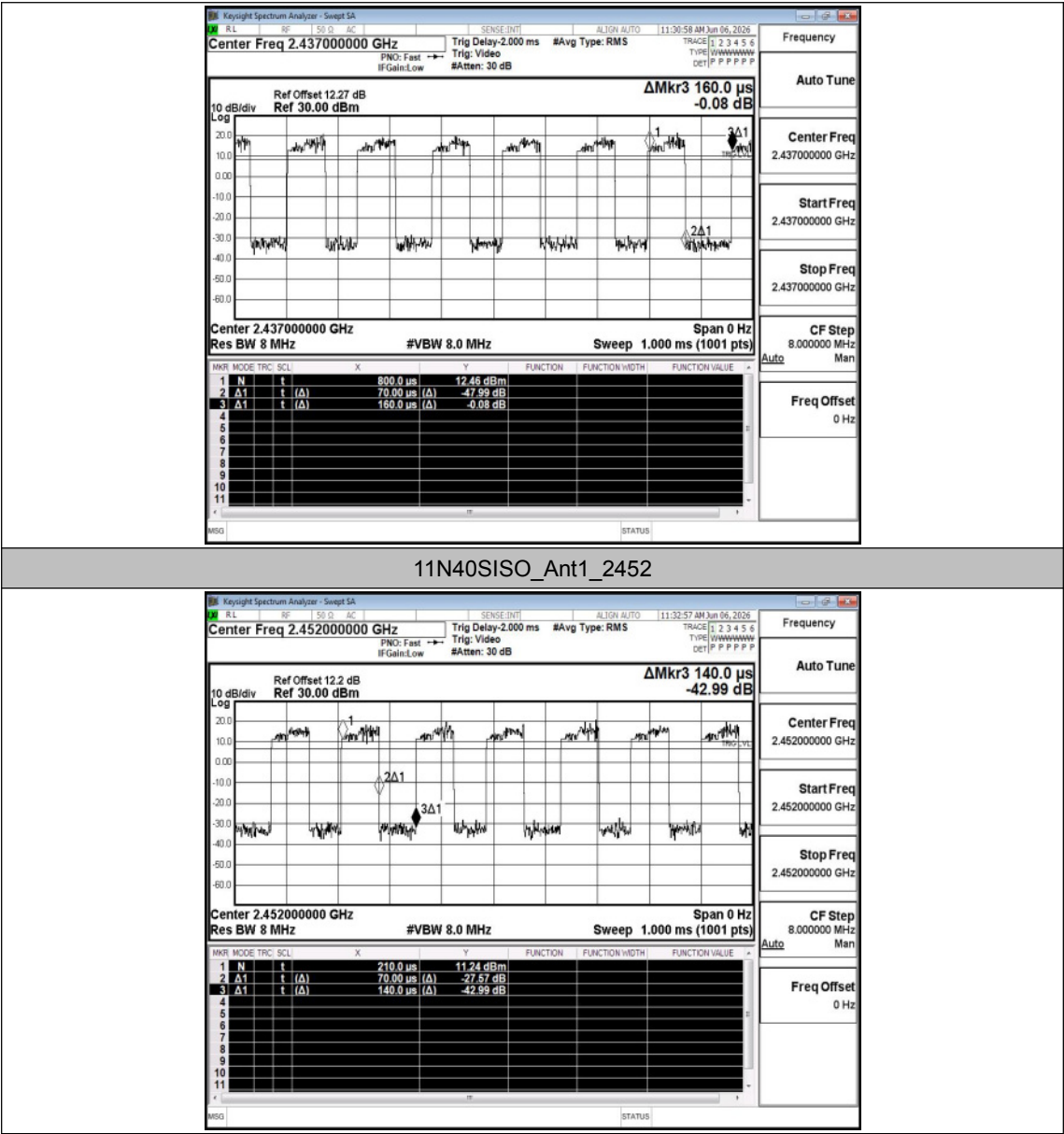












C.7 Emissions in Restricted Bands

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	-47.78	≤-43.55	2.00	0.35	49.77	≤54	PASS
				AV	2389.830	-45.09	≤-43.55	2.00	0.35	52.46	≤54	PASS
				AV	2390.000	-45.63	≤-43.55	2.00	0.35	51.92	≤54	PASS
				Peak	2310.000	-39.18	≤-23.20	2.00	0.00	58.02	≤74	PASS
				Peak	2344.330	-36.12	≤-23.20	2.00	0.00	61.08	≤74	PASS
				Peak	2390.000	-36.39	≤-23.20	2.00	0.00	60.81	≤74	PASS
		High	2462	AV	2483.500	-47.03	≤-43.61	2.00	0.41	50.58	≤54	PASS
				AV	2484.770	-45.85	≤-43.61	2.00	0.41	51.76	≤54	PASS
				AV	2500.000	-46.96	≤-43.61	2.00	0.41	50.65	≤54	PASS
				Peak	2483.500	-39.4	≤-23.20	2.00	0.00	57.80	≤74	PASS
				Peak	2486.640	-35.55	≤-23.20	2.00	0.00	61.65	≤74	PASS
				Peak	2500.000	-38.54	≤-23.20	2.00	0.00	58.66	≤74	PASS
11G	Ant1	Low	2412	AV	2310.000	-60.59	≤-44.96	2.00	1.76	38.37	≤54	PASS
				AV	2389.830	-52	≤-44.96	2.00	1.76	46.96	≤54	PASS
				AV	2390.000	-52.79	≤-44.96	2.00	1.76	46.17	≤54	PASS
				Peak	2310.000	-53.55	≤-23.20	2.00	0.00	43.65	≤74	PASS
				Peak	2389.700	-33.96	≤-23.20	2.00	0.00	63.24	≤74	PASS
				Peak	2390.000	-35.3	≤-23.20	2.00	0.00	61.90	≤74	PASS
		High	2462	AV	2483.500	-48.23	≤-45.20	2.00	2.00	50.97	≤54	PASS
				AV	2485.540	-45.74	≤-45.20	2.00	2.00	53.46	≤54	PASS
				AV	2500.000	-55.65	≤-45.20	2.00	2.00	43.55	≤54	PASS
				Peak	2483.500	-30.66	≤-23.20	2.00	0.00	66.54	≤74	PASS
				Peak	2484.330	-26.17	≤-23.20	2.00	0.00	71.03	≤74	PASS
				Peak	2500.000	-46.31	≤-23.20	2.00	0.00	50.89	≤74	PASS
11N20SISO	Ant1	Low	2412	AV	2310.000	-60.61	≤-45.34	2.00	2.14	38.73	≤54	PASS
				AV	2388.270	-49.48	≤-45.34	2.00	2.14	49.86	≤54	PASS
				AV	2390.000	-50.22	≤-45.34	2.00	2.14	49.12	≤54	PASS
				Peak	2310.000	-51.87	≤-23.20	2.00	0.00	45.33	≤74	PASS
				Peak	2389.310	-30.47	≤-23.20	2.00	0.00	66.73	≤74	PASS
				Peak	2390.000	-36.27	≤-23.20	2.00	0.00	60.93	≤74	PASS
		High	2462	AV	2483.500	-52.66	≤-44.96	2.00	1.76	46.30	≤54	PASS
				AV	2484.550	-51.43	≤-44.96	2.00	1.76	47.53	≤54	PASS
				AV	2500.000	-59.25	≤-44.96	2.00	1.76	39.71	≤54	PASS
				Peak	2483.500	-34.45	≤-23.20	2.00	0.00	62.75	≤74	PASS

				Peak	2483.780	-33.74	≤-23.20	2.00	0.00	63.46	≤74	PASS
				Peak	2500.000	-51.66	≤-23.20	2.00	0.00	45.54	≤74	PASS
11N40SISO	Ant1	Low	2422	AV	2310.000	-66.45	≤-46.79	2.00	3.59	34.34	≤54	PASS
				AV	2388.350	-47.01	≤-46.79	2.00	3.59	53.78	≤54	PASS
				AV	2390.000	-50.4	≤-46.79	2.00	3.59	50.39	≤54	PASS
				Peak	2310.000	-58.52	≤-23.20	2.00	0.00	38.68	≤74	PASS
				Peak	2388.650	-30.77	≤-23.20	2.00	0.00	66.43	≤74	PASS
				Peak	2390.000	-31.75	≤-23.20	2.00	0.00	65.45	≤74	PASS
		High	2452	AV	2483.500	-47.02	≤-46.21	2.00	3.01	53.19	≤54	PASS
				AV	2484.125	-47.78	≤-46.21	2.00	3.01	52.43	≤54	PASS
				AV	2500.000	-60.68	≤-46.21	2.00	3.01	39.53	≤54	PASS
				Peak	2483.500	-34.18	≤-23.20	2.00	0.00	63.02	≤74	PASS
				Peak	2484.500	-30.78	≤-23.20	2.00	0.00	66.42	≤74	PASS
				Peak	2500.000	-48.32	≤-23.20	2.00	0.00	48.88	≤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.

Test Graphs

