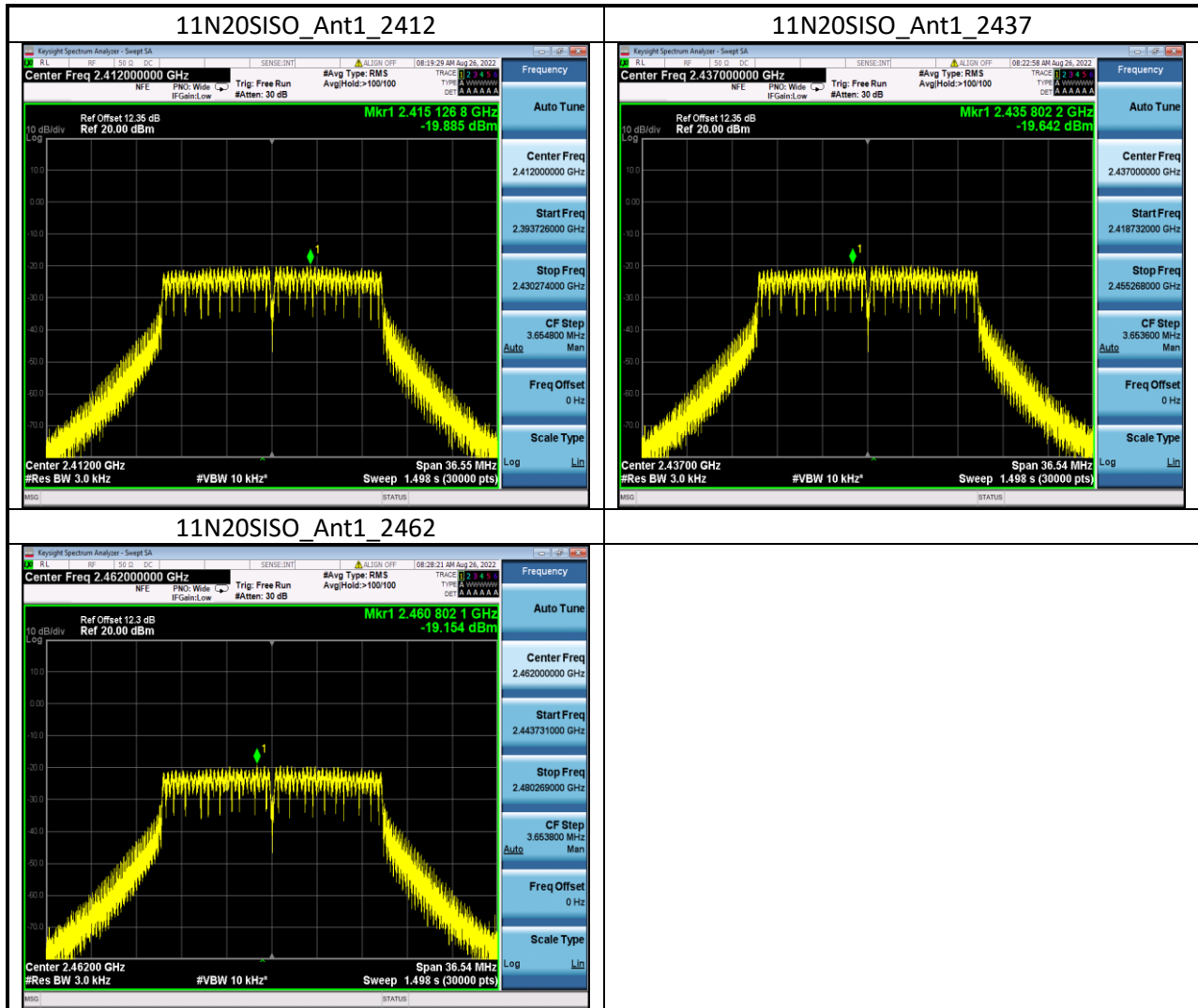


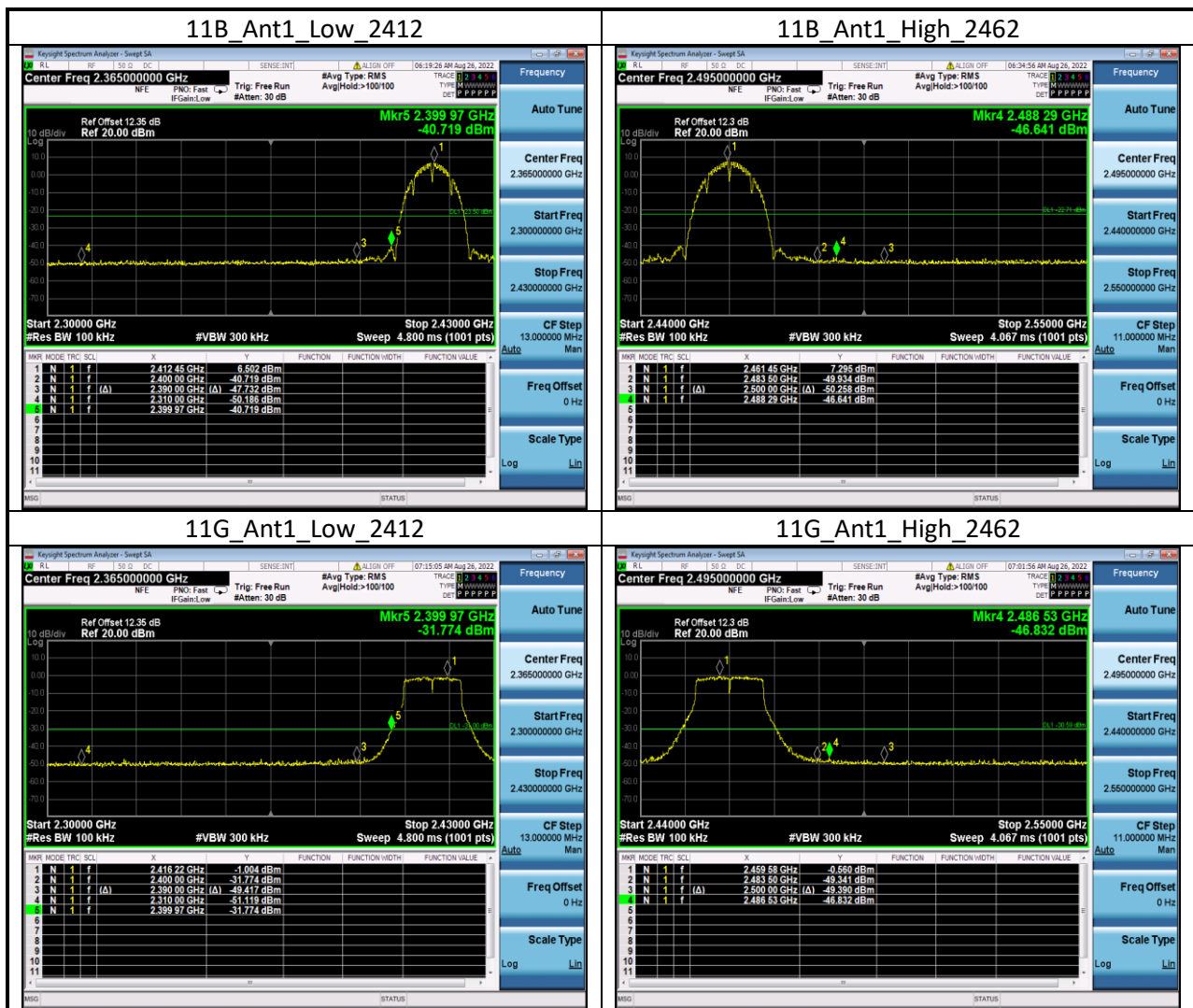


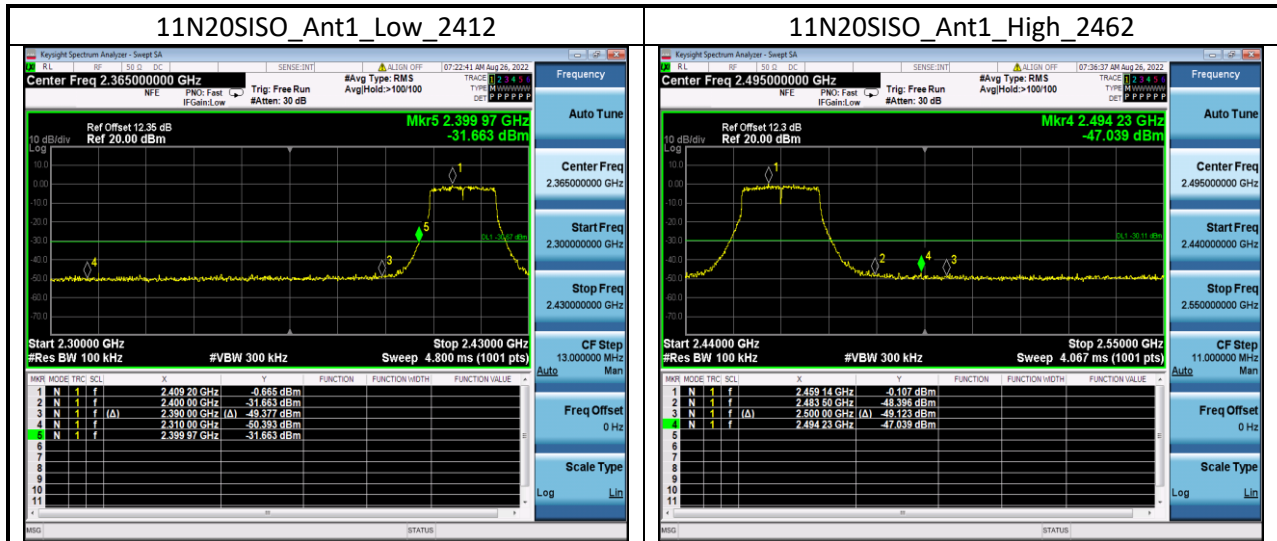
Band edge measurements

Test Data

TestMode	Antenna	ChName	Frequency [MHz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	Low	2412	6.50	-40.72	≤-23.5	PASS
		High	2462	7.30	-46.64	≤-22.71	PASS
11G	Ant1	Low	2412	-1.00	-31.77	≤-31	PASS
		High	2462	-0.59	-46.83	≤-30.59	PASS
11N20SISO	Ant1	Low	2412	-0.67	-31.66	≤-30.67	PASS
		High	2462	-0.11	-47.04	≤-30.11	PASS

Test Plots



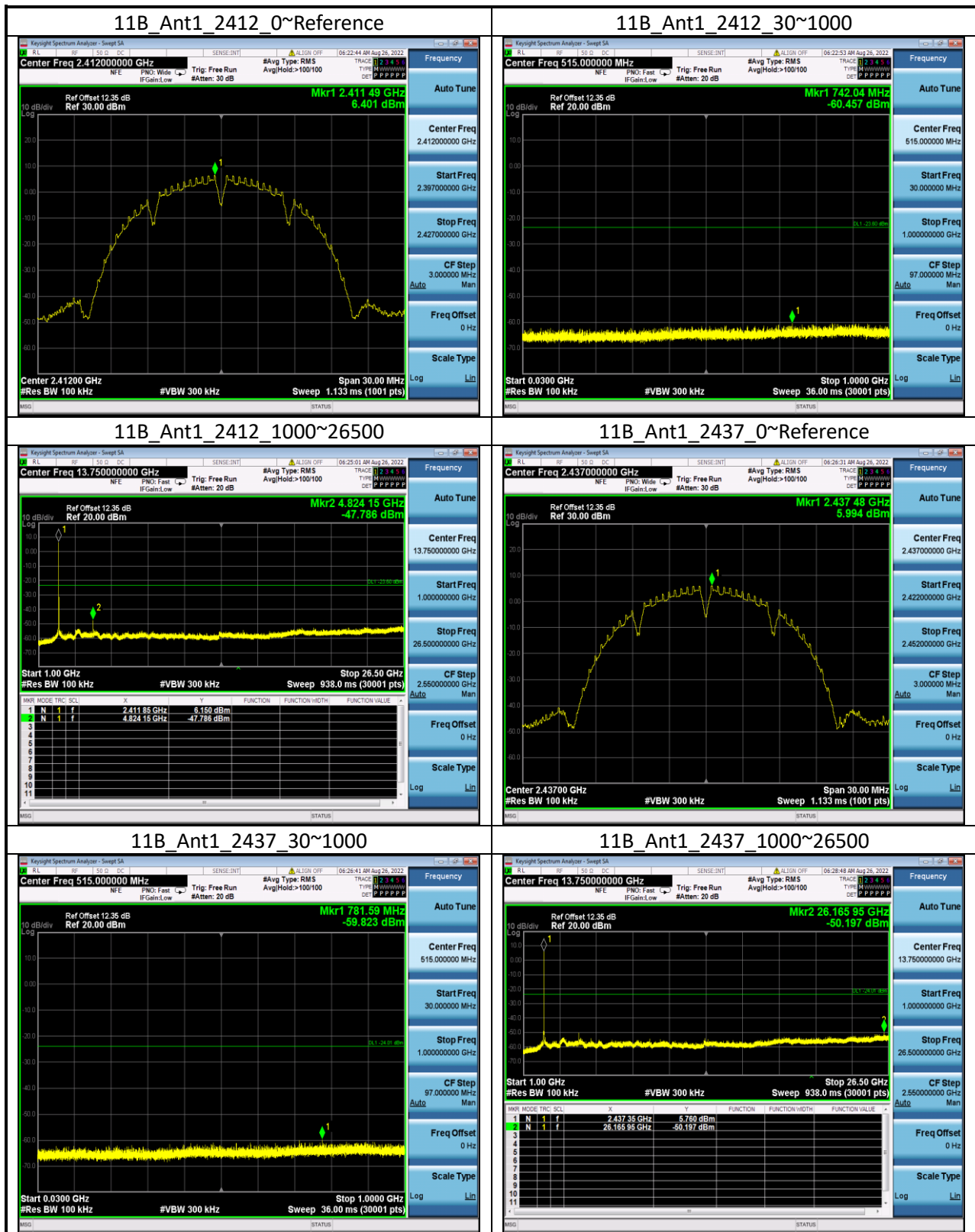


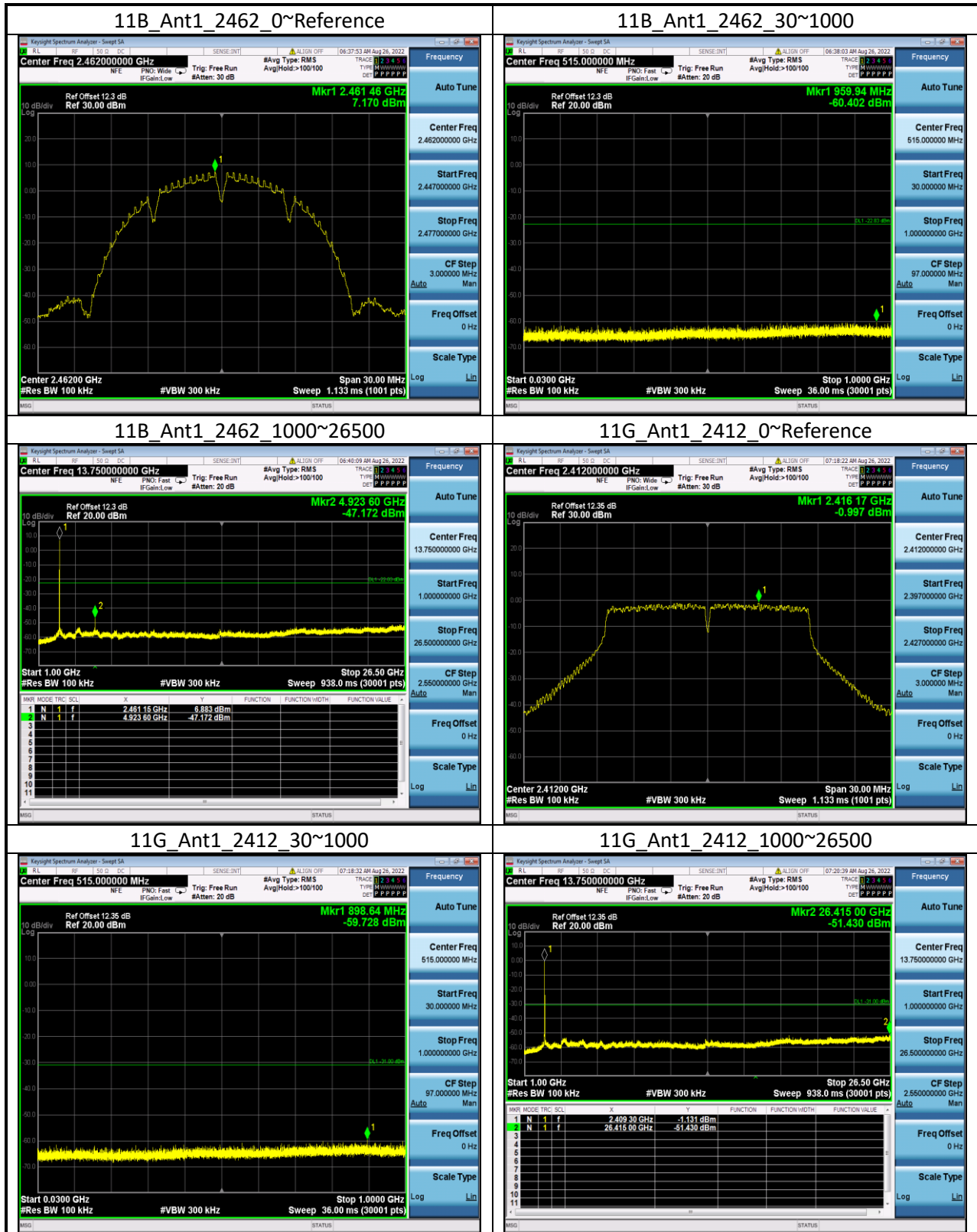
Conducted Spurious Emission

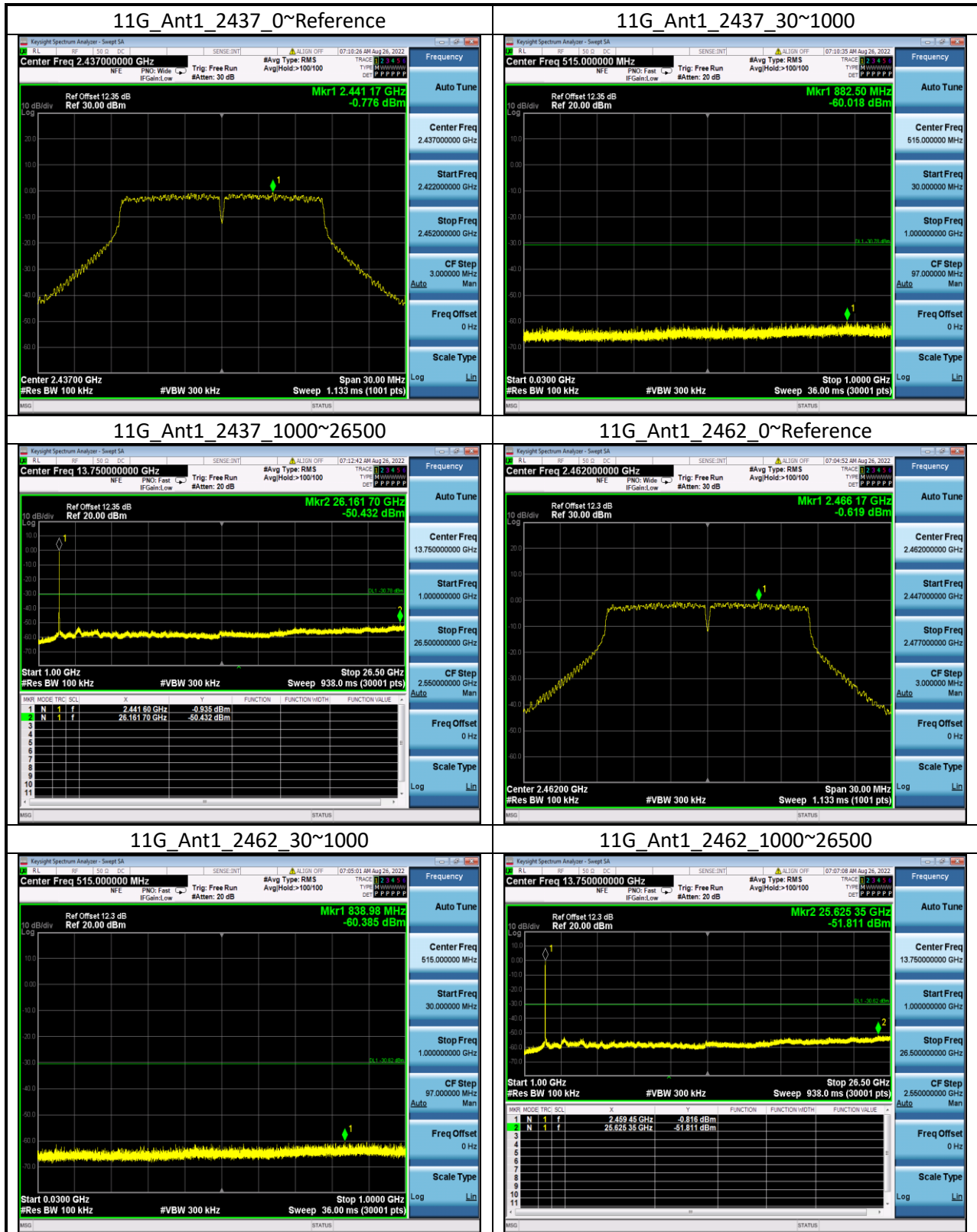
Test Data

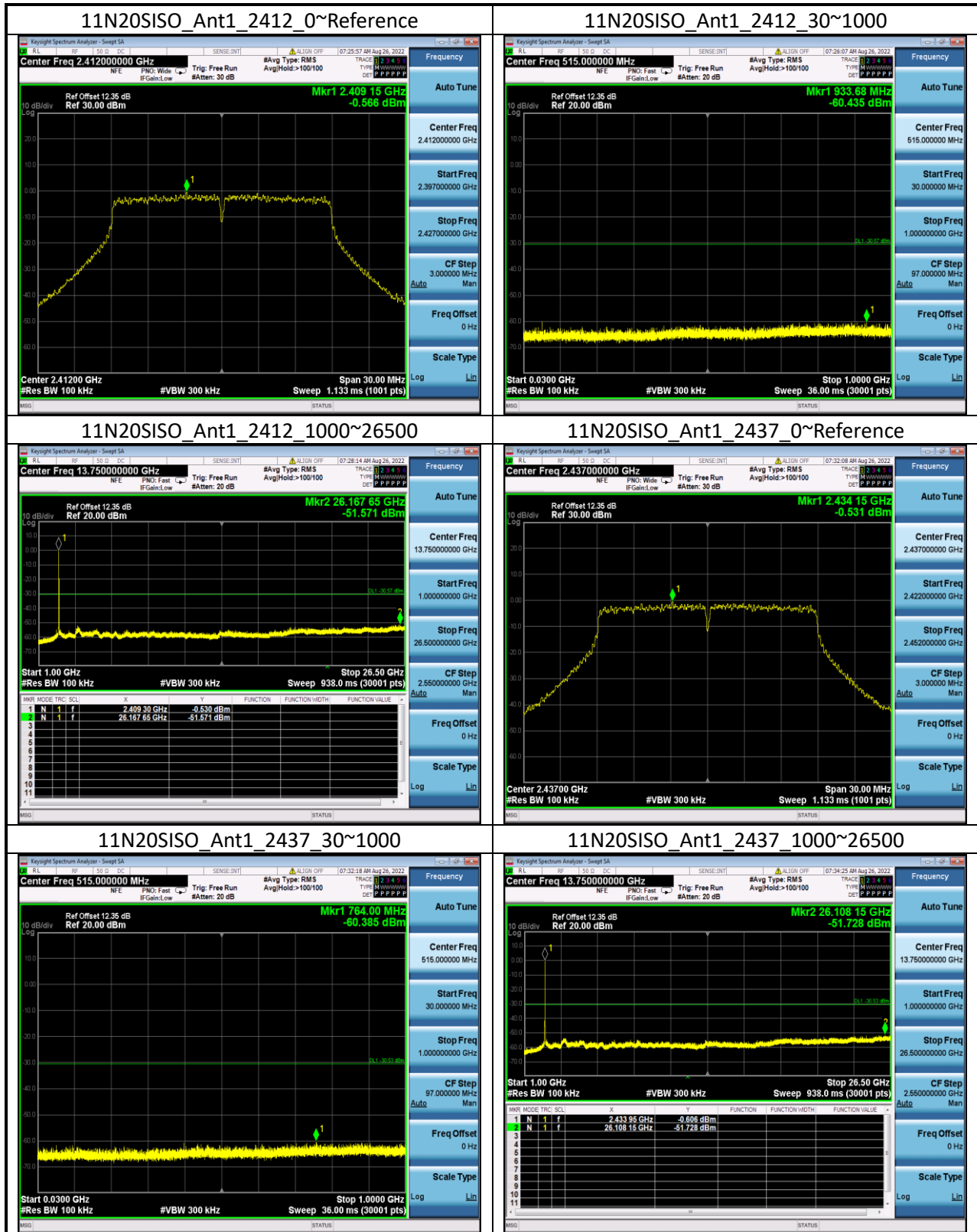
TestMode	Antenna	Frequency [MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	6.40	6.40	---	PASS
			30~1000	6.40	-60.46	≤-23.6	PASS
			1000~26500	6.40	-47.79	≤-23.6	PASS
		2437	Reference	5.99	5.99	---	PASS
			30~1000	5.99	-59.82	≤-24.01	PASS
			1000~26500	5.99	-50.2	≤-24.01	PASS
		2462	Reference	7.17	7.17	---	PASS
			30~1000	7.17	-60.4	≤-22.83	PASS
			1000~26500	7.17	-47.17	≤-22.83	PASS
11G	Ant1	2412	Reference	-1.00	-1.00	---	PASS
			30~1000	-1.00	-59.73	≤-31	PASS
			1000~26500	-1.00	-51.43	≤-31	PASS
		2437	Reference	-0.78	-0.78	---	PASS
			30~1000	-0.78	-60.02	≤-30.78	PASS
			1000~26500	-0.78	-50.43	≤-30.78	PASS
		2462	Reference	-0.62	-0.62	---	PASS
			30~1000	-0.62	-60.39	≤-30.62	PASS
			1000~26500	-0.62	-51.81	≤-30.62	PASS
11N20SISO	Ant1	2412	Reference	-0.57	-0.57	---	PASS
			30~1000	-0.57	-60.44	≤-30.57	PASS
			1000~26500	-0.57	-51.57	≤-30.57	PASS
		2437	Reference	-0.53	-0.53	---	PASS
			30~1000	-0.53	-60.39	≤-30.53	PASS
			1000~26500	-0.53	-51.73	≤-30.53	PASS
		2462	Reference	-0.55	-0.55	---	PASS
			30~1000	-0.55	-60.24	≤-30.55	PASS
			1000~26500	-0.55	-51.97	≤-30.55	PASS

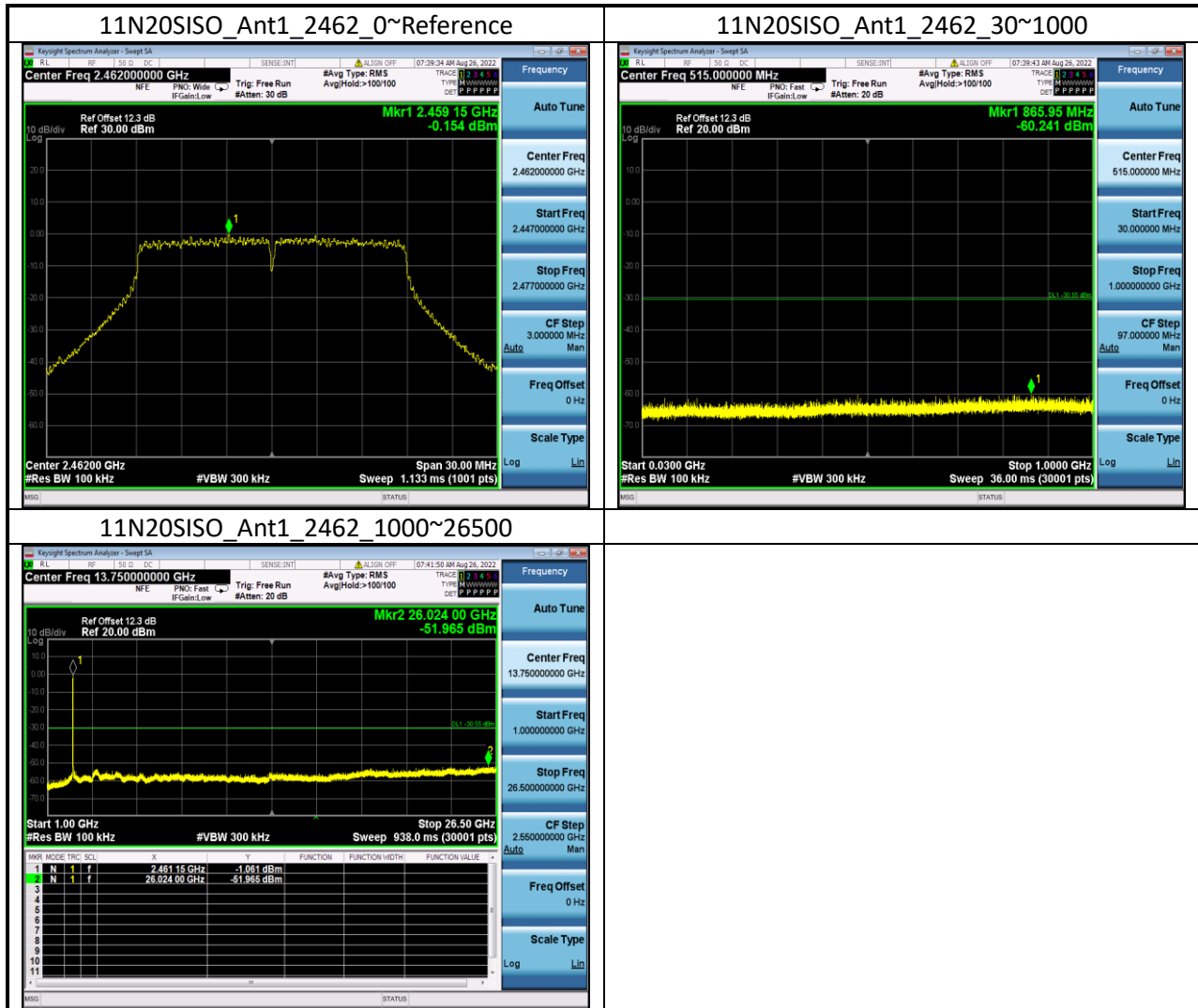
Test Plots









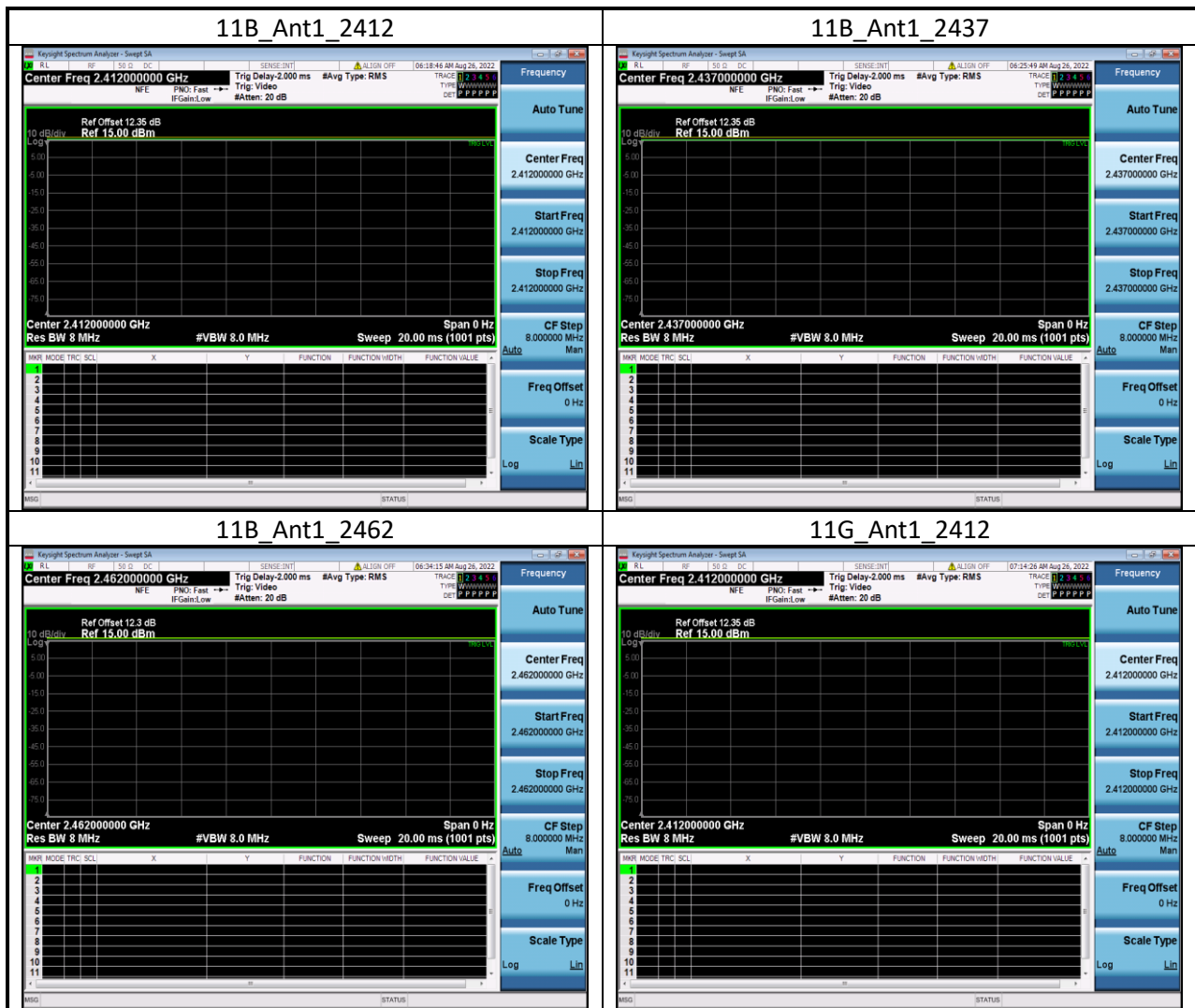


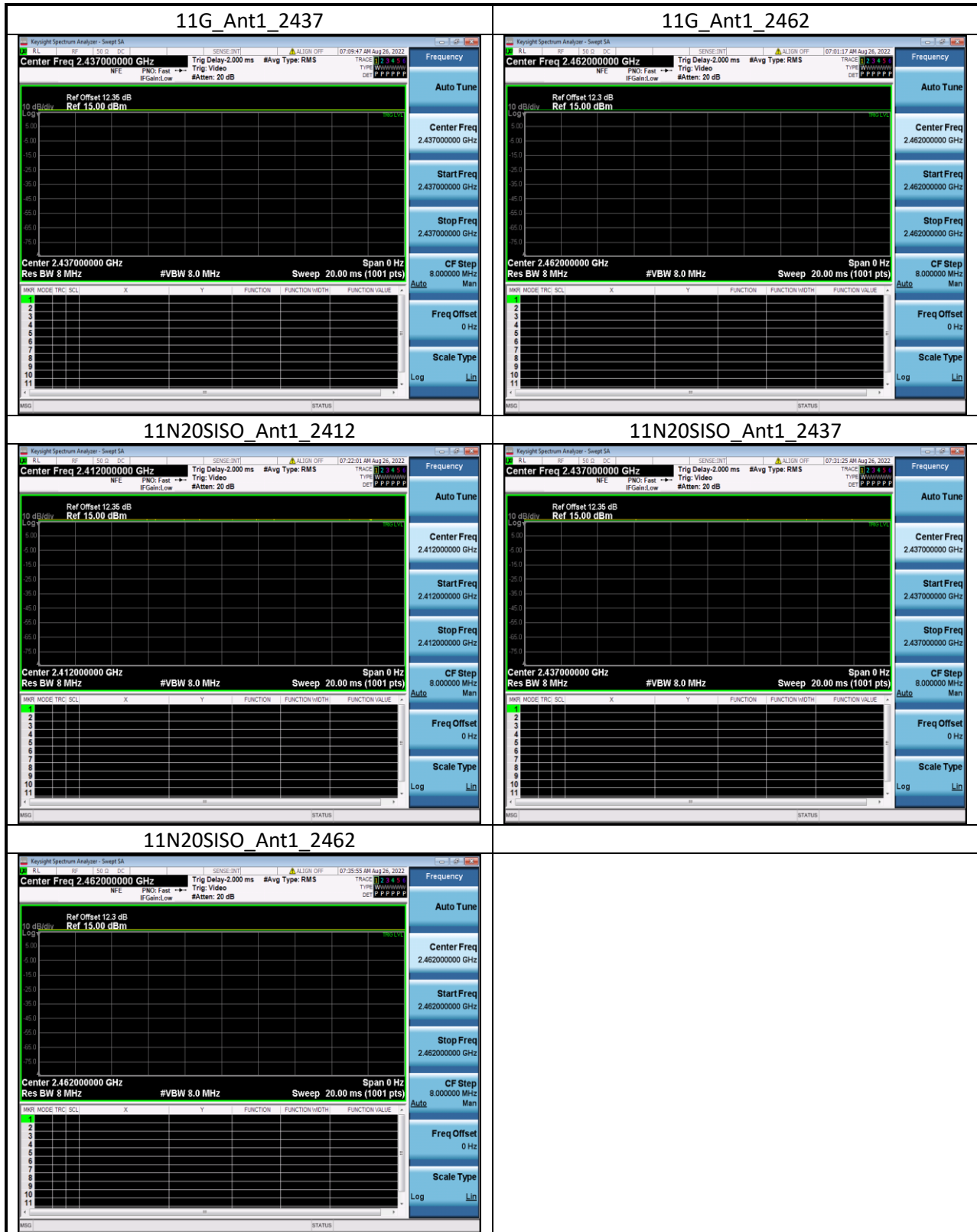
Duty Cycle

Test Data

TestMode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2412	20.00	20.00	100.00
		2437	20.00	20.00	100.00
		2462	20.00	20.00	100.00
11G	Ant1	2412	20.00	20.00	100.00
		2437	20.00	20.00	100.00
		2462	20.00	20.00	100.00
11N20SISO	Ant1	2412	20.00	20.00	100.00
		2437	20.00	20.00	100.00
		2462	20.00	20.00	100.00

Test Plots





Emissions in Restricted Bands

Test Data

TestMode	ChName	Frequency [MHz]	Detector	Freq [MHz]	Result [dBm]	Limit [dBm]	Result [dBuV/m]	Limit [dBuV/m]	Verdict
11B	Low	2412	AV	2310.000	-60.06	≤-41.20	35.14	≤54	PASS
			AV	2386.320	-54.12	≤-41.20	41.08	≤54	PASS
			AV	2390.000	-57.5	≤-41.20	37.70	≤54	PASS
			Peak	2310.000	-36.36	≤-21.20	58.84	≤74	PASS
			Peak	2381.900	-34.37	≤-21.20	60.83	≤74	PASS
			Peak	2390.000	-36.38	≤-21.20	58.82	≤74	PASS
	High	2462	AV	2483.500	-57.85	≤-41.20	37.35	≤54	PASS
			AV	2487.410	-54.21	≤-41.20	40.99	≤54	PASS
			AV	2500.000	-59.61	≤-41.20	35.59	≤54	PASS
			Peak	2483.500	-35.24	≤-21.20	59.96	≤74	PASS
			Peak	2487.850	-34.08	≤-21.20	61.12	≤74	PASS
11G	Low	2412	AV	2310.000	-61.08	≤-41.20	34.12	≤54	PASS
			AV	2389.960	-53.18	≤-41.20	42.02	≤54	PASS
			AV	2390.000	-53.18	≤-41.20	42.02	≤54	PASS
			Peak	2310.000	-37.09	≤-21.20	58.11	≤74	PASS
			Peak	2389.180	-34.07	≤-21.20	61.13	≤74	PASS
			Peak	2390.000	-35.02	≤-21.20	60.18	≤74	PASS
	High	2462	AV	2483.500	-51.84	≤-41.20	43.36	≤54	PASS
			AV	2483.670	-51.85	≤-41.20	43.35	≤54	PASS
			AV	2500.000	-60.33	≤-41.20	34.87	≤54	PASS
			Peak	2483.500	-31.76	≤-21.20	63.44	≤74	PASS
			Peak	2483.560	-30.68	≤-21.20	64.52	≤74	PASS
11N20SIS O	Low	2412	AV	2310.000	-61.67	≤-41.20	33.53	≤54	PASS
			AV	2389.960	-53.79	≤-41.20	41.41	≤54	PASS
			AV	2390.000	-53.79	≤-41.20	41.41	≤54	PASS
			Peak	2310.000	-36.58	≤-21.20	58.62	≤74	PASS
			Peak	2380.340	-33.61	≤-21.20	61.59	≤74	PASS
			Peak	2390.000	-35.56	≤-21.20	59.64	≤74	PASS
	High	2462	AV	2483.500	-51.56	≤-41.20	43.64	≤54	PASS
			AV	2483.560	-51.63	≤-41.20	43.57	≤54	PASS
			AV	2500.000	-60.27	≤-41.20	34.93	≤54	PASS
			Peak	2483.500	-33.75	≤-21.20	61.45	≤74	PASS
			Peak	2483.670	-32.12	≤-21.20	63.08	≤74	PASS
			Peak	2500.000	-35.77	≤-21.20	59.43	≤74	PASS

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 Plots



TEST REPORT



***** END *****