

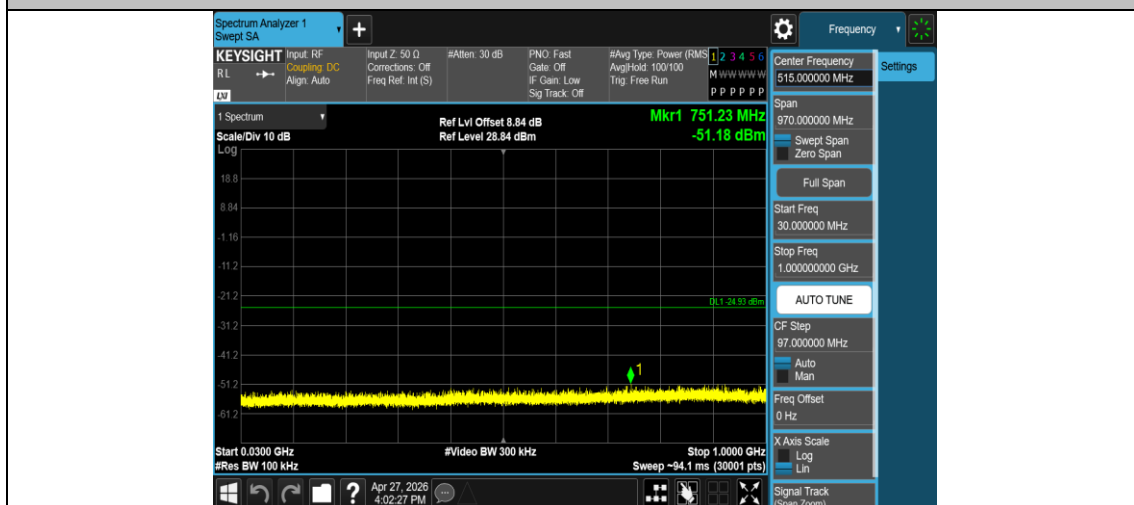
Appendix F: Conducted Spurious Emission

Test Result

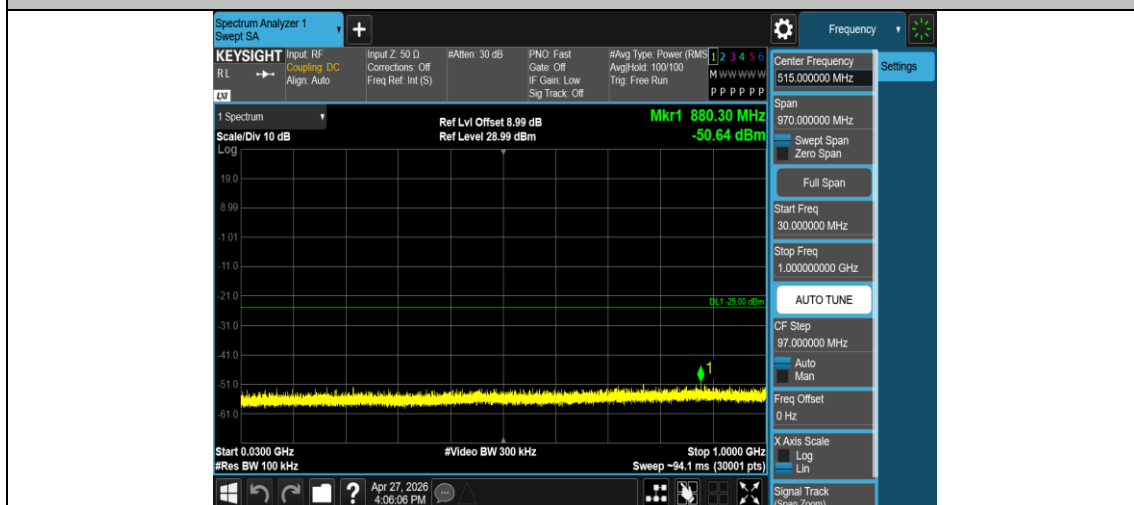
TestMode	Antenna	Frequency[MHz]	FreqRange [Mhz]	RefLevel [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	0~Reference	1.93	1.93	---	PASS
11B	Ant1	2412	30~1000	1.93	-51.16	≤-28.07	PASS
11B	Ant1	2412	1000~25000	1.93	-44.98	≤-28.07	PASS
11B	Ant1	2437	0~Reference	5.07	5.07	---	PASS
11B	Ant1	2437	30~1000	5.07	-51.18	≤-24.93	PASS
11B	Ant1	2437	1000~25000	5.07	-44.27	≤-24.93	PASS
11B	Ant1	2462	0~Reference	5.00	5.00	---	PASS
11B	Ant1	2462	30~1000	5.00	-50.64	≤-25	PASS
11B	Ant1	2462	1000~25000	5.00	-43.47	≤-25	PASS
11G	Ant1	2412	0~Reference	0.69	0.69	---	PASS
11G	Ant1	2412	30~1000	0.69	-50.96	≤-29.31	PASS
11G	Ant1	2412	1000~25000	0.69	-43.69	≤-29.31	PASS
11G	Ant1	2437	0~Reference	-1.73	-1.73	---	PASS
11G	Ant1	2437	30~1000	-1.73	-50.86	≤-31.73	PASS
11G	Ant1	2437	1000~25000	-1.73	-44.03	≤-31.73	PASS
11G	Ant1	2462	0~Reference	-1.42	-1.42	---	PASS
11G	Ant1	2462	30~1000	-1.42	-51.19	≤-31.42	PASS
11G	Ant1	2462	1000~25000	-1.42	-44.32	≤-31.42	PASS
11N20SISO	Ant1	2412	0~Reference	-4.31	-4.31	---	PASS
11N20SISO	Ant1	2412	30~1000	-4.31	-51.59	≤-34.31	PASS
11N20SISO	Ant1	2412	1000~25000	-4.31	-44.53	≤-34.31	PASS
11N20SISO	Ant1	2437	0~Reference	-4.02	-4.02	---	PASS
11N20SISO	Ant1	2437	30~1000	-4.02	-50.58	≤-34.02	PASS
11N20SISO	Ant1	2437	1000~25000	-4.02	-44.79	≤-34.02	PASS
11N20SISO	Ant1	2462	0~Reference	-4.07	-4.07	---	PASS
11N20SISO	Ant1	2462	30~1000	-4.07	-50.79	≤-34.07	PASS
11N20SISO	Ant1	2462	1000~25000	-4.07	-44.35	≤-34.07	PASS
11N40SISO	Ant1	2422	0~Reference	-6.30	-6.30	---	PASS
11N40SISO	Ant1	2422	30~1000	-6.30	-50.52	≤-36.3	PASS
11N40SISO	Ant1	2422	1000~25000	-6.30	-43.88	≤-36.3	PASS
11N40SISO	Ant1	2437	0~Reference	-5.43	-5.43	---	PASS
11N40SISO	Ant1	2437	30~1000	-5.43	-51.06	≤-35.43	PASS
11N40SISO	Ant1	2437	1000~25000	-5.43	-44.48	≤-35.43	PASS
11N40SISO	Ant1	2452	0~Reference	-5.61	-5.61	---	PASS
11N40SISO	Ant1	2452	30~1000	-5.61	-50.72	≤-35.61	PASS
11N40SISO	Ant1	2452	1000~25000	-5.61	-43.98	≤-35.61	PASS

Test Graphs

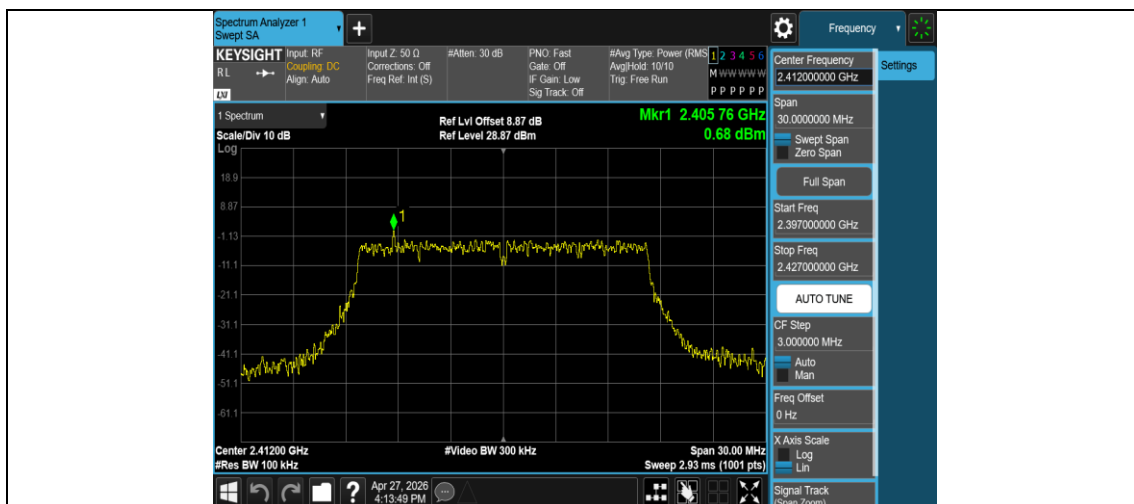
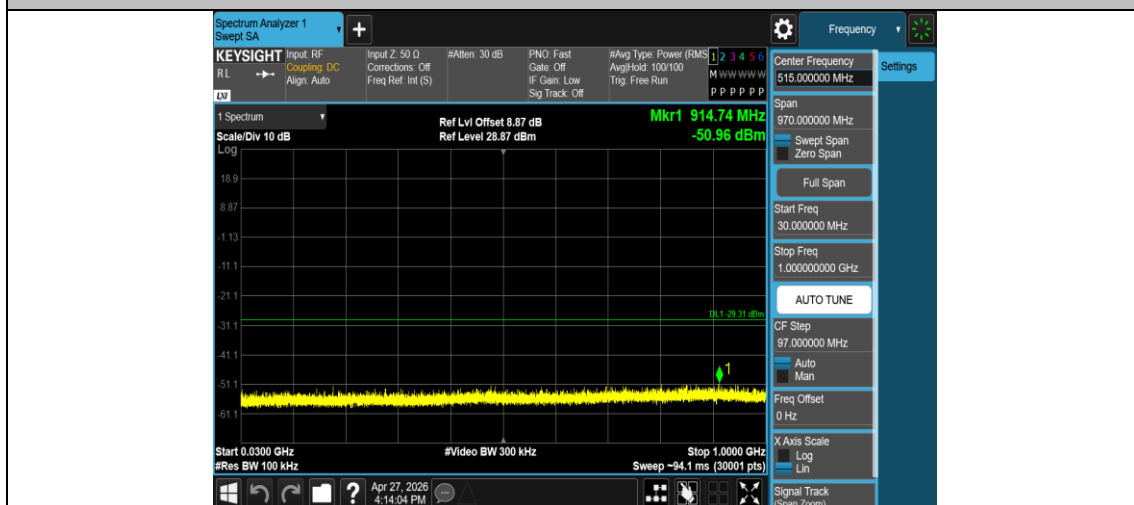



11B-Ant1-2437-0~Reference-PASS

11B-Ant1-2437-30~1000-PASS

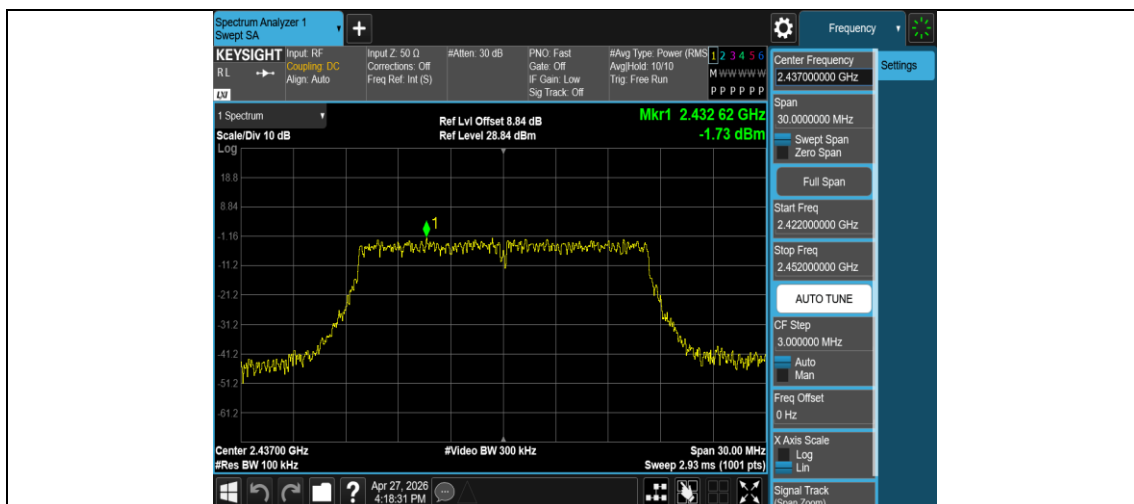
11B-Ant1-2437-1000~25000-PASS


11B-Ant1-2462-0~Reference-PASS

11B-Ant1-2462-30~1000-PASS

11B-Ant1-2462-1000~25000-PASS


11G-Ant1-2412-0~Reference-PASS

11G-Ant1-2412-30~1000-PASS

11G-Ant1-2412-1000~25000-PASS



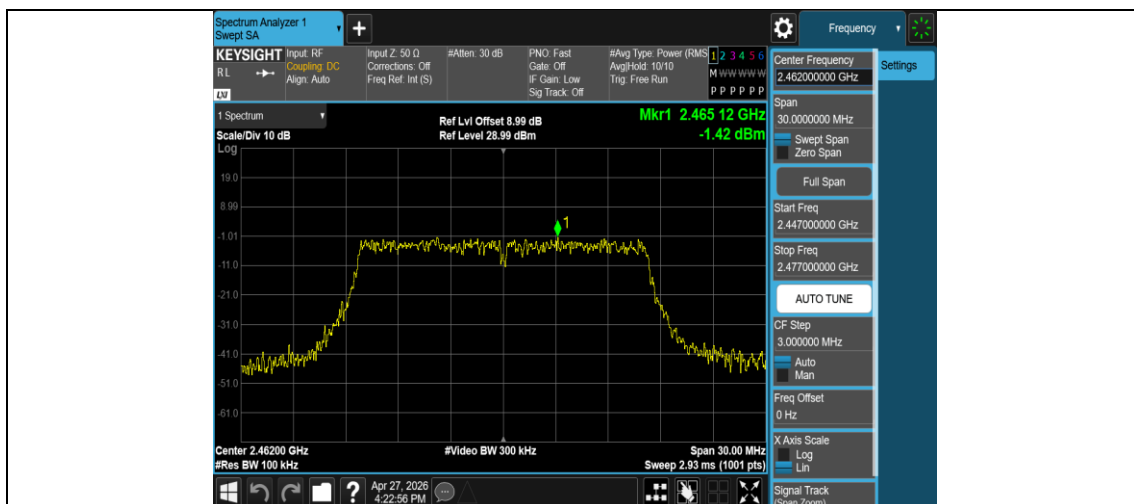
11G-Ant1-2437-0~Reference-PASS



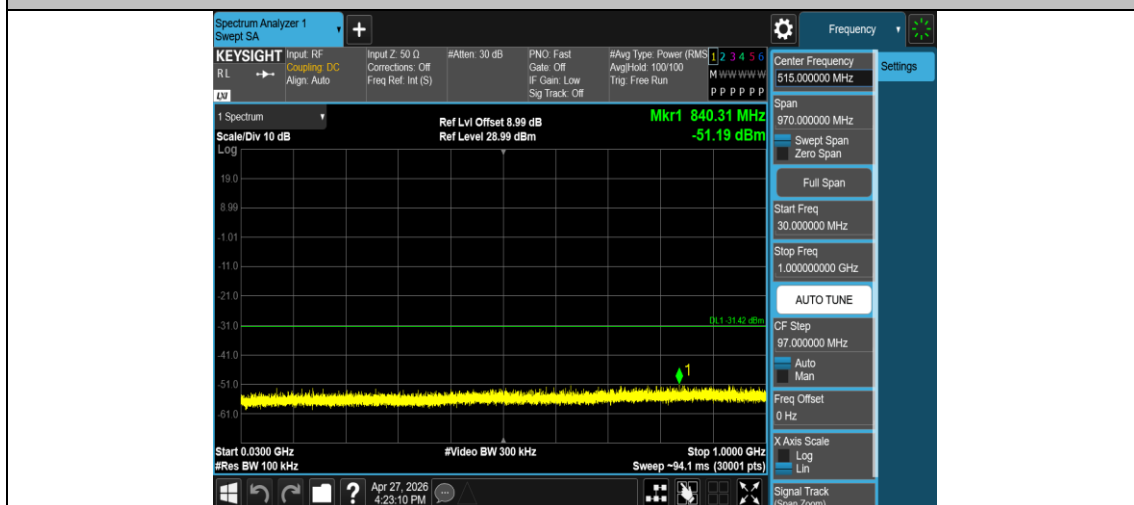
11G-Ant1-2437-30~1000-PASS



11G-Ant1-2437-1000~25000-PASS



11G-Ant1-2462-0~Reference-PASS



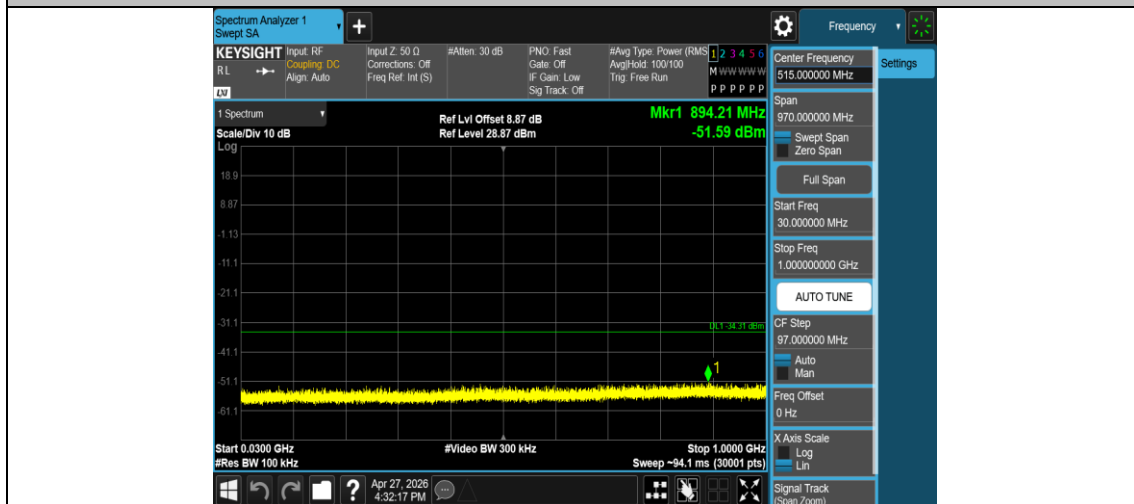
11G-Ant1-2462-30~1000-PASS



11G-Ant1-2462-1000~25000-PASS



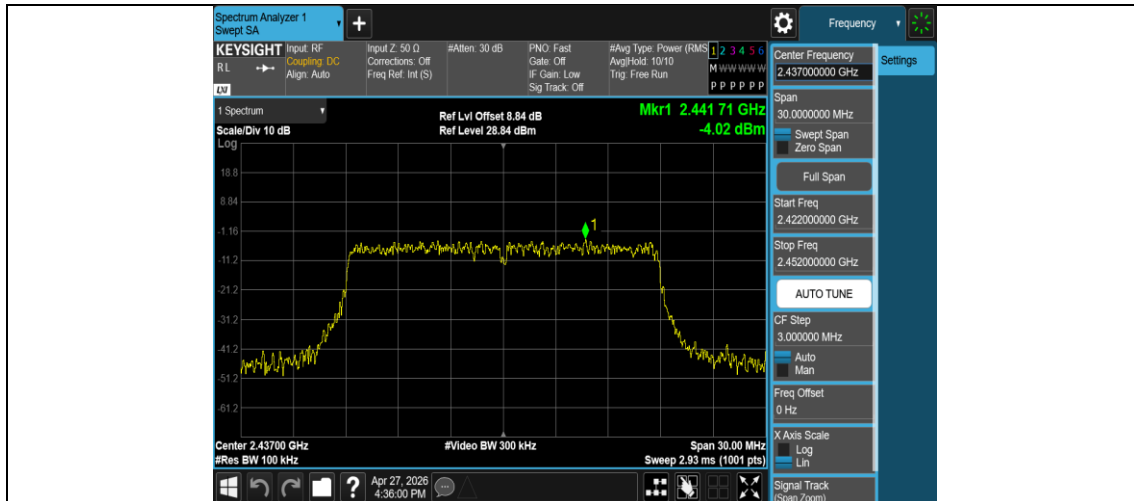
11N20SISO-Ant1-2412-0~Reference-PASS



11N20SISO-Ant1-2412-30~1000-PASS



11N20SISO-Ant1-2412-1000~25000-PASS



11N20SISO-Ant1-2437-0~Reference-PASS



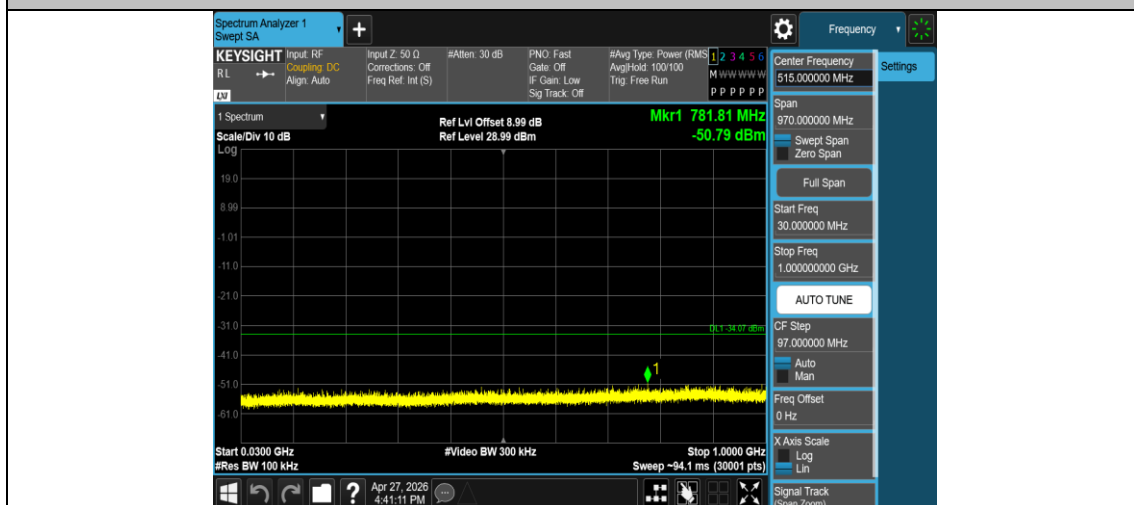
11N20SISO-Ant1-2437-30~1000-PASS



11N20SISO-Ant1-2437-1000~25000-PASS



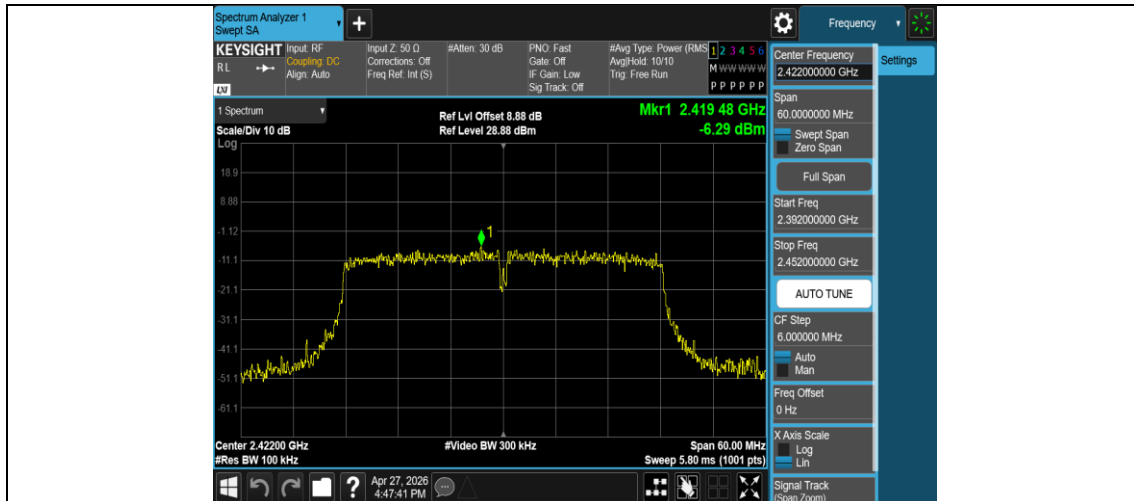
11N20SISO-Ant1-2462-0~Reference-PASS



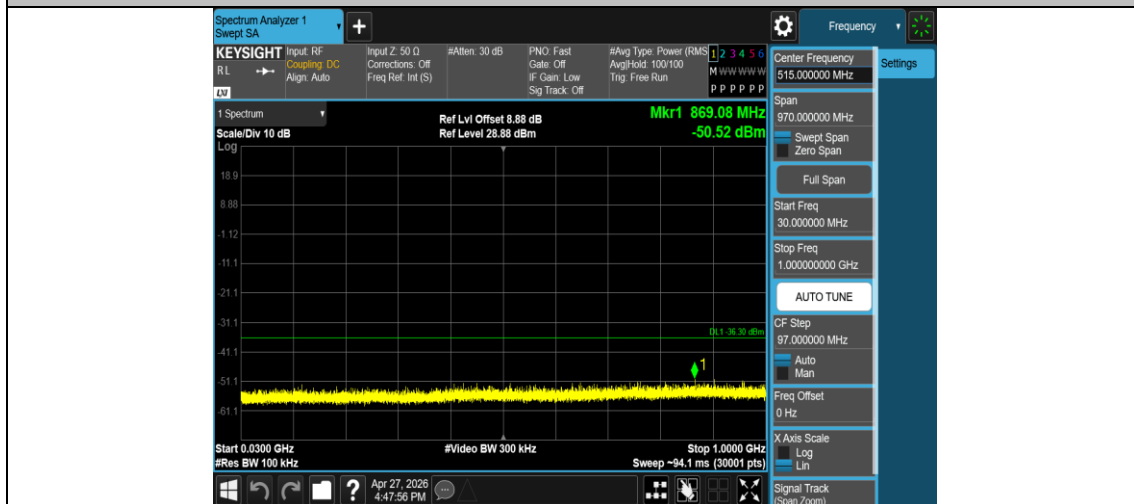
11N20SISO-Ant1-2462-30~1000-PASS



11N20SISO-Ant1-2462-1000~25000-PASS



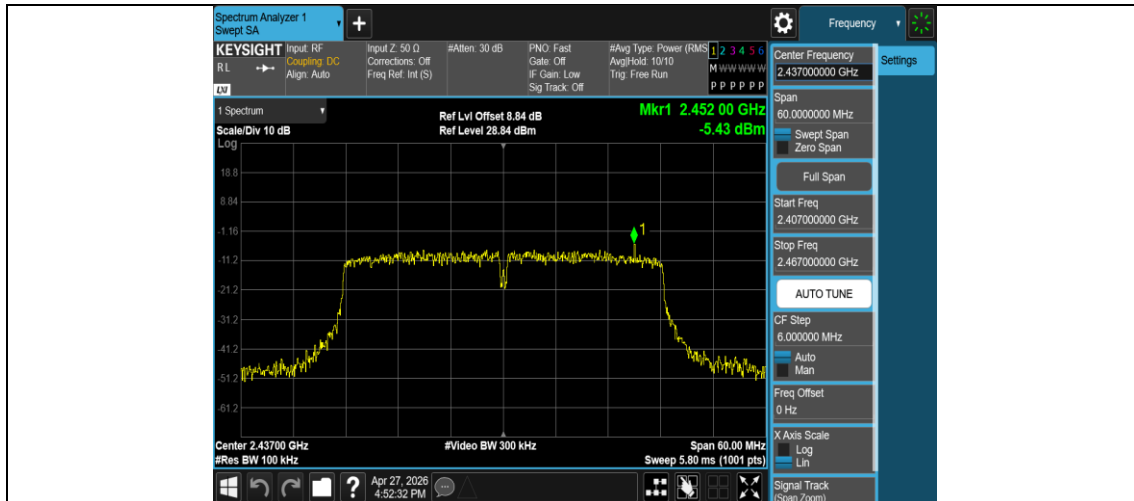
11N40SISO-Ant1-2422-0~Reference-PASS



11N40SISO-Ant1-2422-30~1000-PASS



11N40SISO-Ant1-2422-1000~25000-PASS



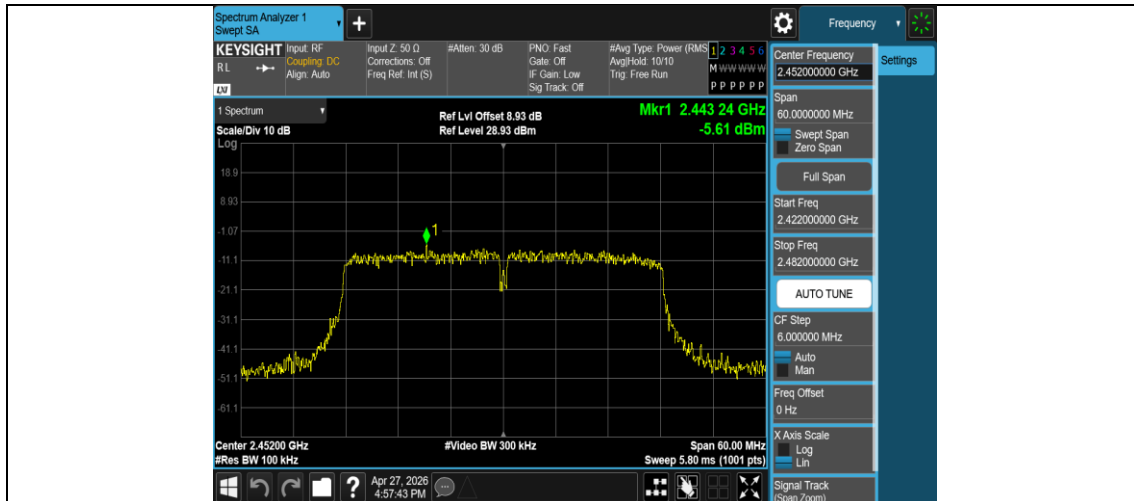
11N40SISO-Ant1-2437-0~Reference-PASS



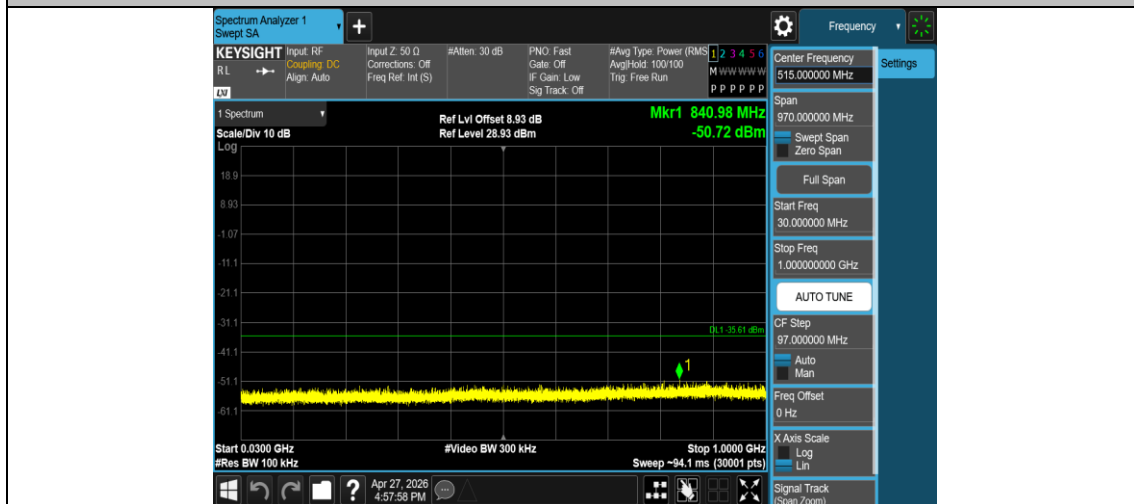
11N40SISO-Ant1-2437-30~1000-PASS



11N40SISO-Ant1-2437-1000~25000-PASS



11N40SISO-Ant1-2452-0~Reference-PASS



11N40SISO-Ant1-2452-30~1000-PASS



11N40SISO-Ant1-2452-1000~25000-PASS

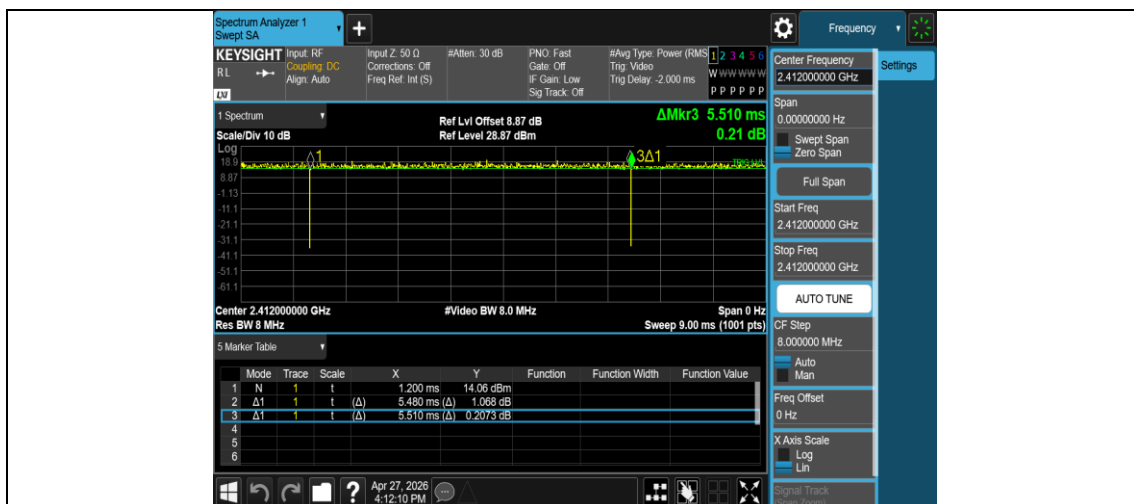
Appendix G: Duty Cycle

Test Result

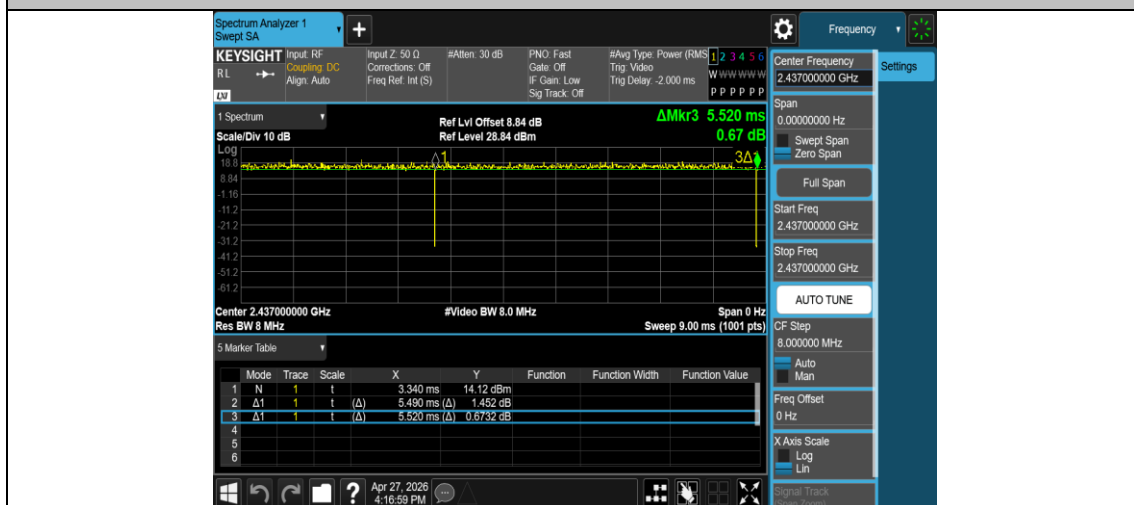
TestMode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]	Factor
11B	Ant1	2412	19.00	19.00	100.00	0.00
11B	Ant1	2437	19.00	19.00	100.00	0.00
11B	Ant1	2462	19.00	19.00	100.00	0.00
11G	Ant1	2412	5.48	5.51	99.46	0.02
11G	Ant1	2437	5.49	5.52	99.46	0.02
11G	Ant1	2462	5.49	5.51	99.64	0.02
11N20SISO	Ant1	2412	5.08	5.11	99.41	0.03
11N20SISO	Ant1	2437	5.08	5.11	99.41	0.03
11N20SISO	Ant1	2462	5.08	5.11	99.41	0.03
11N40SISO	Ant1	2422	2.47	2.49	99.20	0.03
11N40SISO	Ant1	2437	2.47	2.50	98.80	0.05
11N40SISO	Ant1	2452	2.46	2.49	98.80	0.05

Test Graphs

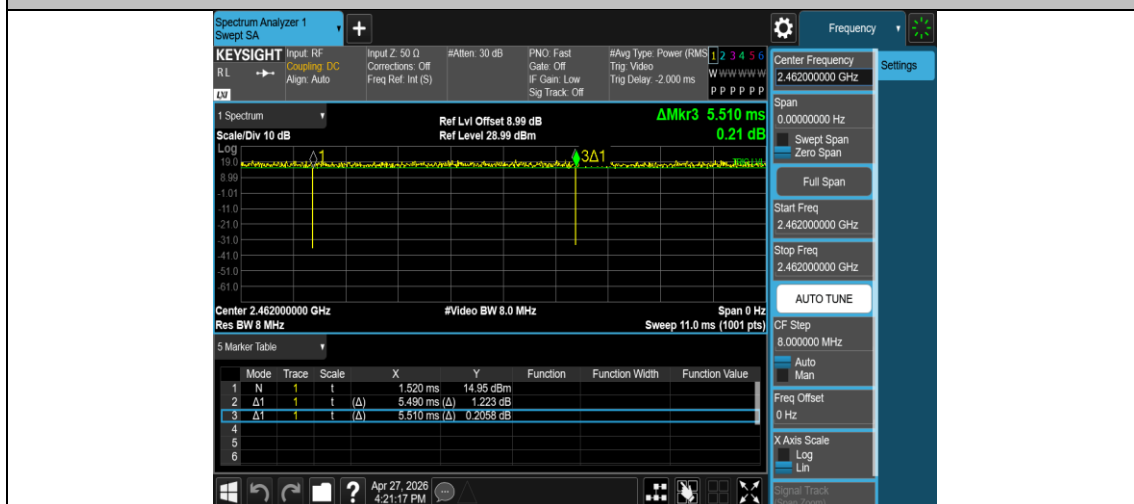




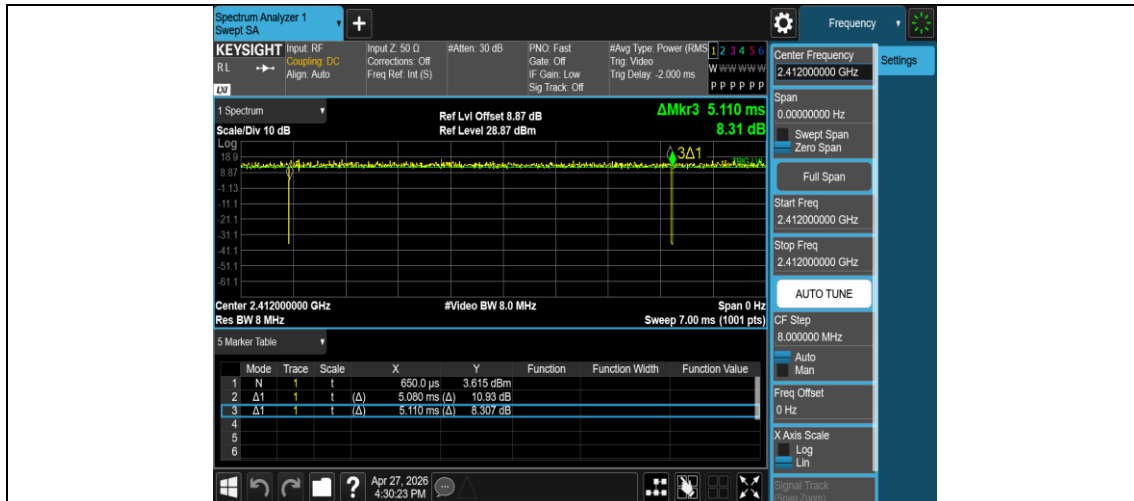
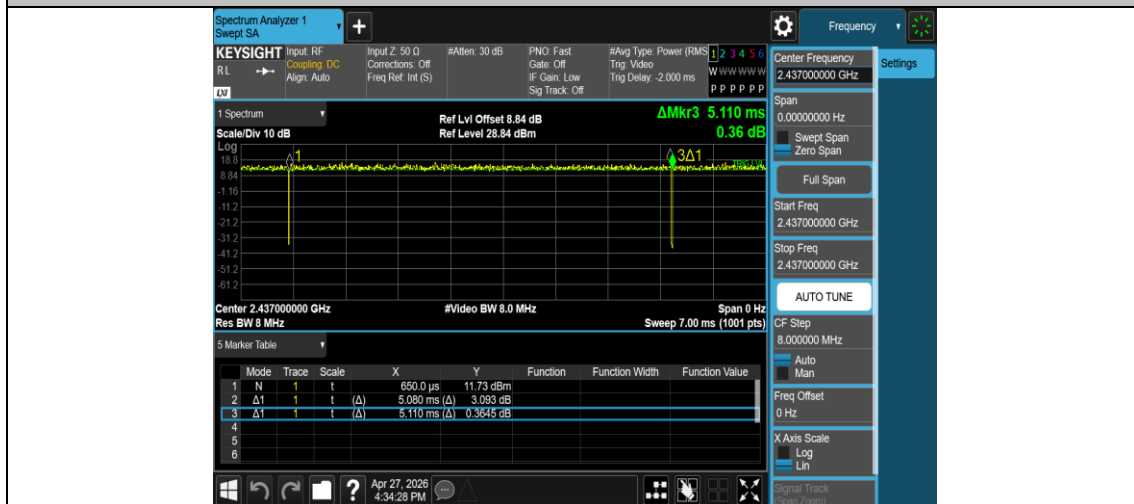
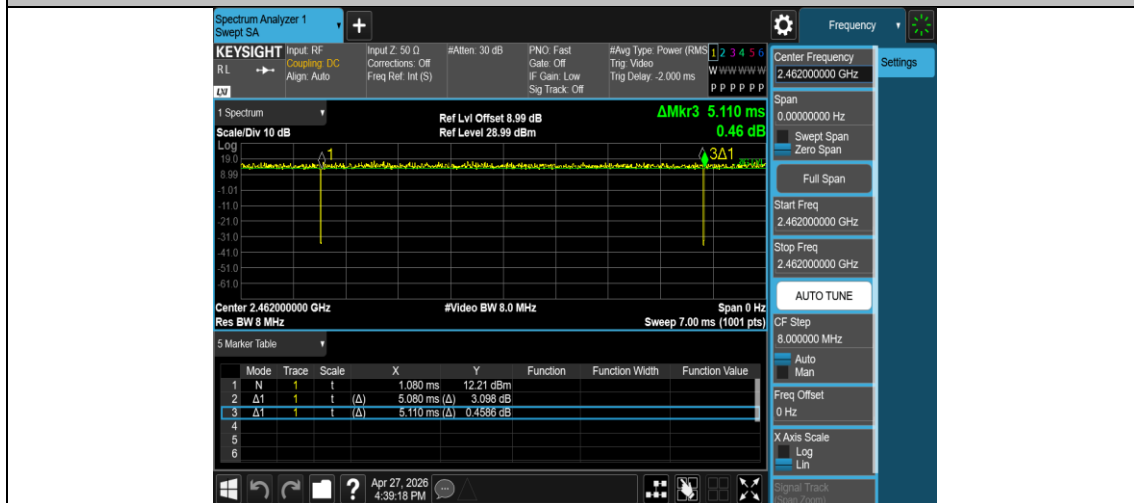
NTNV-11G-Ant1-2412



NTNV-11G-Ant1-2437

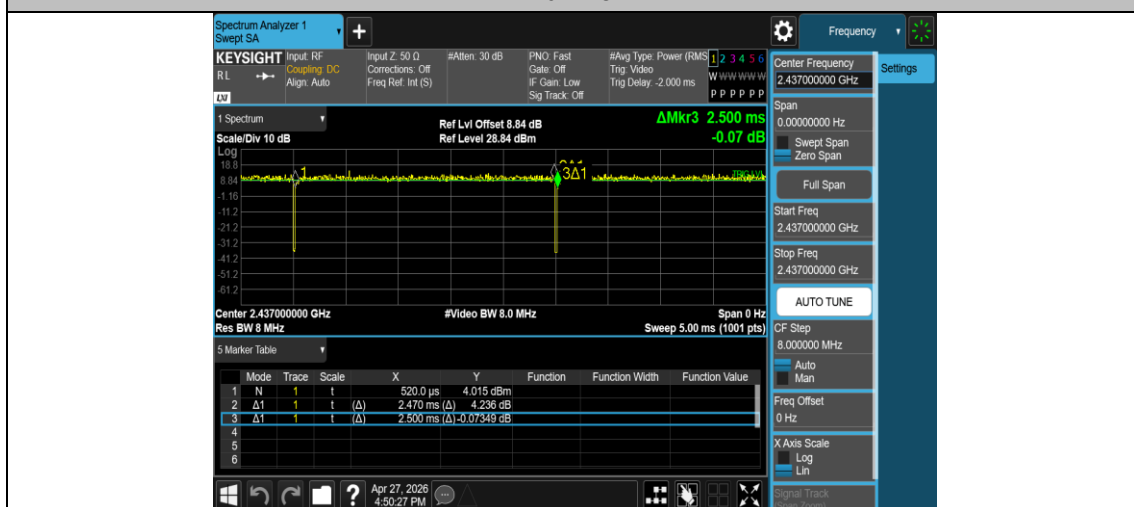


NTNV-11G-Ant1-2462

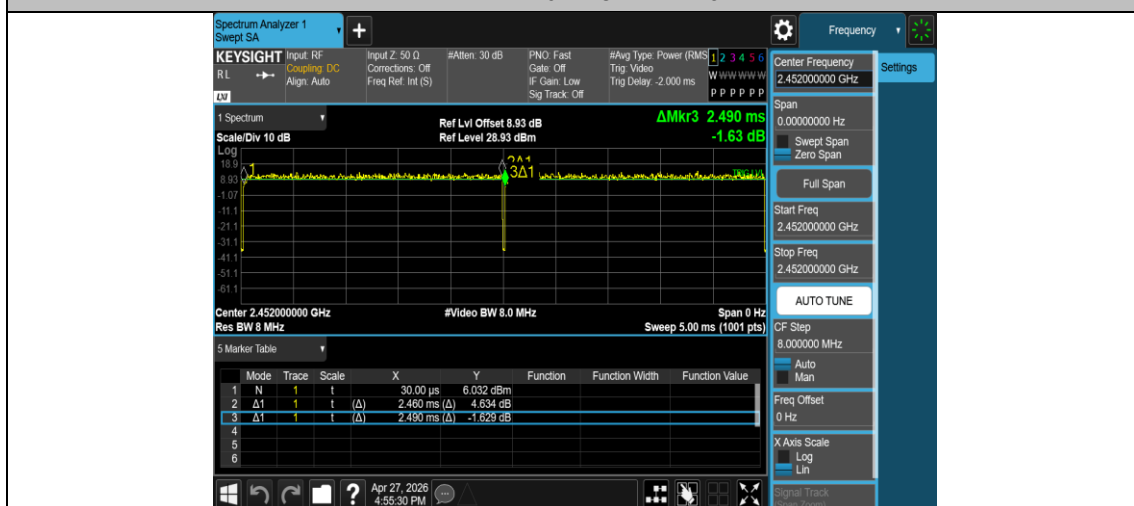

NTVN-11N20SISO-Ant1-2412

NTVN-11N20SISO-Ant1-2437

NTVN-11N20SISO-Ant1-2462



NTVN-11N40SISO-Ant1-2422



NTVN-11N40SISO-Ant1-2437

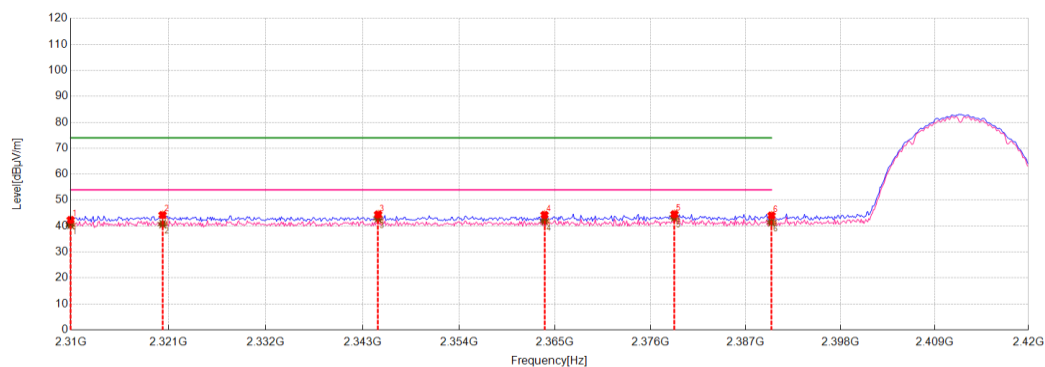


NTVN-11N40SISO-Ant1-2452

Appendix H: Emissions in Restricted Bands

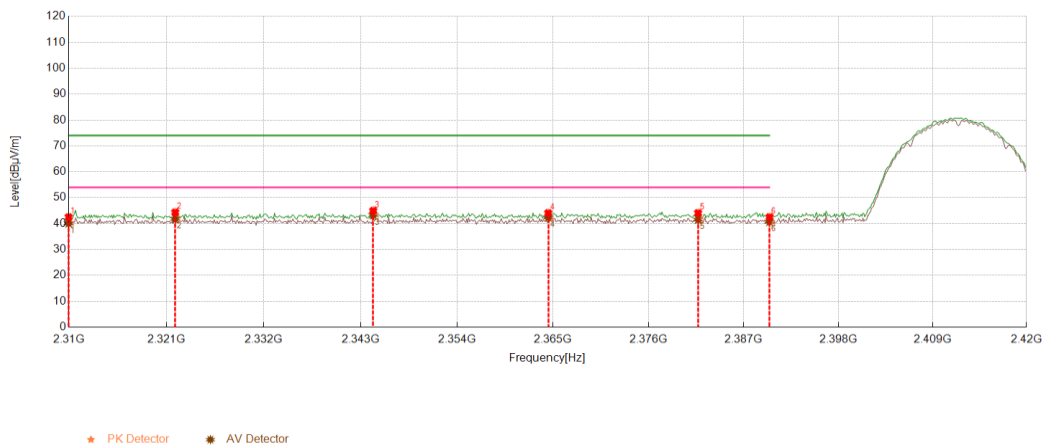
Test Result

Mode:	b-2412
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★ PK Detector ● AV Detector

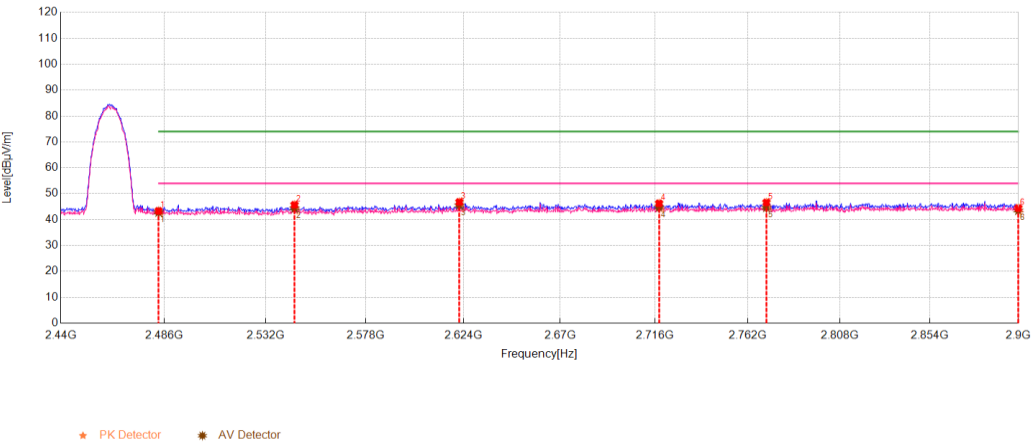
Final Data List												
NO.	Freq. [MHz]	Factor [dB]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310.0000	4.67	42.39	74.00	31.61	40.47	54.00	13.53	150	159	Horizontal	PASS
2	2320.3400	4.91	44.28	74.00	29.72	40.79	54.00	13.21	150	308	Horizontal	PASS
3	2344.7600	4.98	44.50	74.00	29.50	42.96	54.00	11.04	150	271	Horizontal	PASS
4	2363.7900	4.94	44.34	74.00	29.66	41.99	54.00	12.01	150	286	Horizontal	PASS
5	2378.7500	5.06	44.61	74.00	29.39	43.30	54.00	10.70	150	27	Horizontal	PASS
6	2390.0000	4.95	44.10	74.00	29.90	41.47	54.00	12.53	150	209	Horizontal	PASS



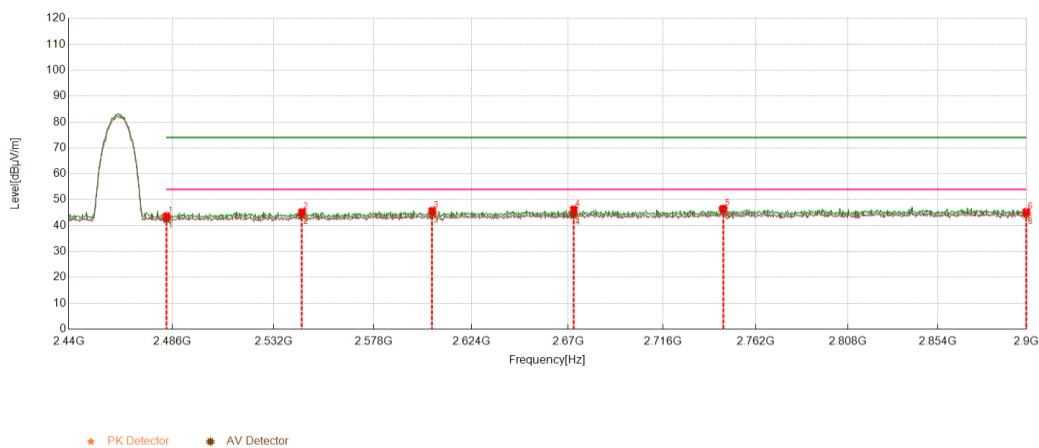
Final Data List												
NO.	Freq. [MHz]	Factor [dB]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310.0000	4.67	42.49	74.00	31.51	40.09	54.00	13.91	150	131	Vertical	PASS
2	2321.9900	4.88	44.33	74.00	29.67	41.80	54.00	12.20	150	346	Vertical	PASS
3	2344.4300	4.97	44.95	74.00	29.05	43.27	54.00	10.73	150	256	Vertical	PASS
4	2364.4500	4.97	44.07	74.00	29.93	42.33	54.00	11.67	150	204	Vertical	PASS
5	2381.7200	5.03	44.07	74.00	29.93	41.50	54.00	12.50	150	100	Vertical	PASS
6	2390.0000	4.95	42.50	74.00	31.50	40.69	54.00	13.31	150	169	Vertical	PASS

Mode:

b-2462



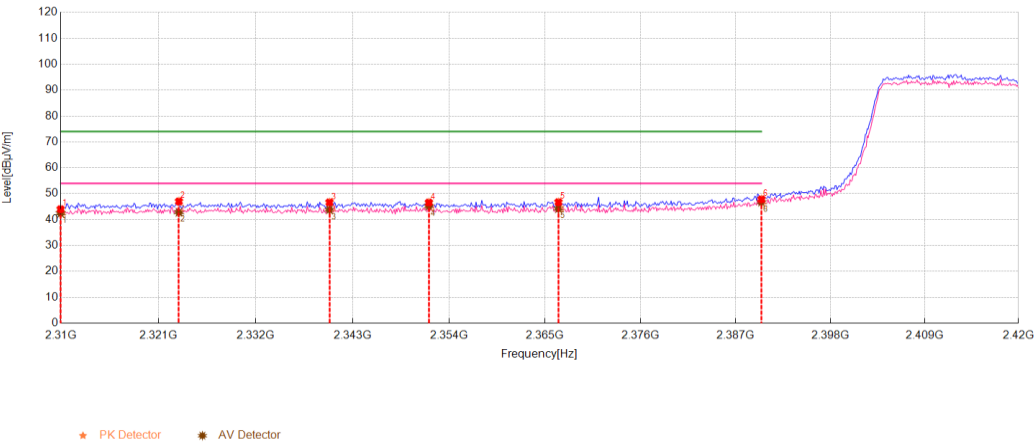
Final Data List												
NO.	Freq. [MHz]	Factor [dB]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2483.5000	5.46	43.35	74.00	30.65	42.74	54.00	11.26	100	143	Horizontal	PASS
2	2545.1100	5.88	45.69	74.00	28.31	44.25	54.00	9.75	200	23	Horizontal	PASS
3	2621.9300	6.30	46.79	74.00	27.21	45.40	54.00	8.60	100	40	Horizontal	PASS
4	2718.0700	6.73	46.26	74.00	27.74	44.61	54.00	9.39	200	227	Horizontal	PASS
5	2771.2000	6.80	46.61	74.00	27.39	44.56	54.00	9.44	100	8	Horizontal	PASS
6	2900.0000	7.40	44.43	74.00	29.57	43.45	54.00	10.55	200	116	Horizontal	PASS



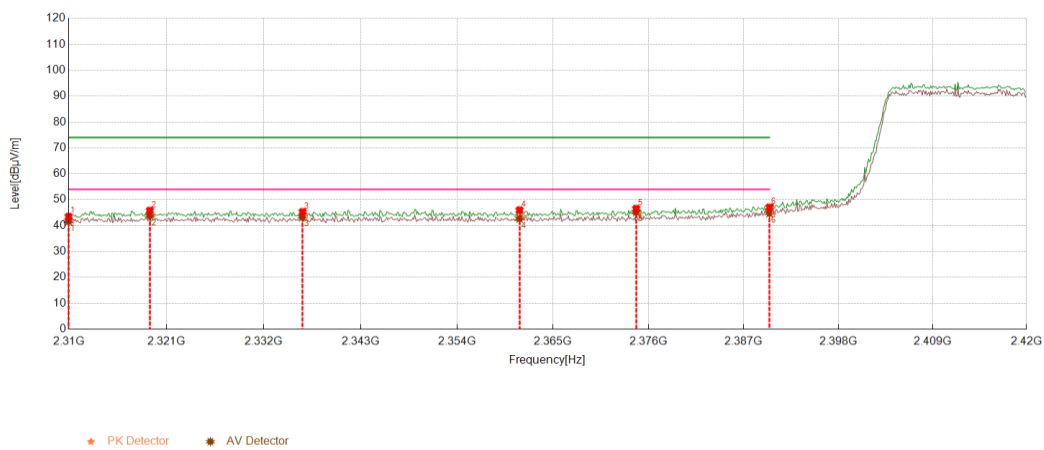
Final Data List												
NO.	Freq. [MHz]	Factor [dB]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2483.5000	5.46	43.65	74.00	30.35	42.54	54.00	11.46	200	244	Vertical	PASS
2	2544.8800	5.87	45.20	74.00	28.80	44.28	54.00	9.72	200	183	Vertical	PASS
3	2605.3700	6.07	45.73	74.00	28.27	44.86	54.00	9.14	200	281	Vertical	PASS
4	2672.7600	6.33	46.26	74.00	27.74	44.12	54.00	9.88	200	258	Vertical	PASS
5	2745.6700	6.80	46.51	74.00	27.49	46.14	54.00	7.86	200	277	Vertical	PASS
6	2900.0000	7.40	45.28	74.00	28.72	44.36	54.00	9.64	100	356	Vertical	PASS

Mode:

G-2412



Final Data List												
NO.	Freq. [MHz]	Factor [dB]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310.0000	4.67	44.01	74.00	29.99	42.41	54.00	11.59	100	257	Horizontal	PASS
2	2323.3100	4.86	47.02	74.00	26.98	42.81	54.00	11.19	100	340	Horizontal	PASS
3	2340.3600	4.86	46.65	74.00	27.35	43.77	54.00	10.23	200	333	Horizontal	PASS
4	2351.6900	4.98	46.59	74.00	27.41	45.14	54.00	8.86	200	333	Horizontal	PASS
5	2366.5400	4.99	46.73	74.00	27.27	44.21	54.00	9.79	100	350	Horizontal	PASS
6	2390.0000	4.95	47.82	74.00	26.18	46.75	54.00	7.25	200	335	Horizontal	PASS



Final Data List												
NO.	Freq. [MHz]	Factor [dB]	PK Value [dBμV/m]	PK Limit [dBμV/m]	PK Margin [dB]	AV Value [dBμV/m]	AV Limit [dBμV/m]	AV Margin [dB]	Height [cm]	Angle [°]	Polarity	Verdict
1	2310.0000	4.67	43.47	74.00	30.53	41.68	54.00	12.32	200	158	Vertical	PASS
2	2319.1300	4.91	45.81	74.00	28.19	43.82	54.00	10.18	100	169	Vertical	PASS
3	2336.4000	4.81	45.30	74.00	28.70	43.38	54.00	10.62	100	182	Vertical	PASS
4	2361.1500	4.92	45.97	74.00	28.03	42.72	54.00	11.28	200	360	Vertical	PASS
5	2374.5700	4.99	46.54	74.00	27.46	45.26	54.00	8.74	100	119	Vertical	PASS
6	2390.0000	4.95	47.06	74.00	26.94	44.78	54.00	9.22	100	94	Vertical	PASS