

**11.3. Appendix C: Maximum conducted output power****11.3.1. Test Result**

Test Mode	Antenna	Channel	Result[dBm]	Limit[dBm]	Verdict
10M	Ant0	Low	13.63	<=30	PASS
	Ant1	Low	13.89	<=30	PASS
	Ant2	Low	13.61	<=30	PASS
	Ant3	Low	13.70	<=30	PASS
	total Ant0&1	Low	16.77	<=30	PASS
	total Ant0&3	Low	16.68	<=30	PASS
	total Ant2&1	Low	16.76	<=30	PASS
	total Ant2&3	Low	16.67	<=30	PASS
	Ant0	MID	13.68	<=30	PASS
	Ant1	MID	13.38	<=30	PASS
	Ant2	MID	13.62	<=30	PASS
	Ant3	MID	13.80	<=30	PASS
	total Ant0&1	MID	16.54	<=30	PASS
	total Ant0&3	MID	16.75	<=30	PASS
	total Ant2&1	MID	16.51	<=30	PASS
	total Ant2&3	MID	16.72	<=30	PASS
	Ant0	High	12.97	<=30	PASS
	Ant1	High	12.98	<=30	PASS
	Ant2	High	14.32	<=30	PASS
	Ant3	High	13.79	<=30	PASS
	total Ant0&1	High	15.99	<=30	PASS
	total Ant0&3	High	16.41	<=30	PASS
	total Ant2&1	High	16.71	<=30	PASS
	total Ant2&3	High	17.07	<=30	PASS
20M	Ant0	Low	13.89	<=30	PASS
	Ant1	Low	13.53	<=30	PASS
	Ant2	Low	13.02	<=30	PASS
	Ant3	Low	13.34	<=30	PASS
	total Ant0&1	Low	16.72	<=30	PASS
	total Ant0&3	Low	16.63	<=30	PASS
	total Ant2&1	Low	16.29	<=30	PASS
	total Ant2&3	Low	16.19	<=30	PASS
	Ant0	MID	14.02	<=30	PASS
	Ant1	MID	13.30	<=30	PASS
	Ant2	MID	13.39	<=30	PASS
	Ant3	MID	13.97	<=30	PASS
	total Ant0&1	MID	16.69	<=30	PASS
	total Ant0&3	MID	17.01	<=30	PASS
	total Ant2&1	MID	16.36	<=30	PASS
	total Ant2&3	MID	16.70	<=30	PASS
	Ant0	High	13.99	<=30	PASS
	Ant1	High	13.69	<=30	PASS
	Ant2	High	14.00	<=30	PASS
	Ant3	High	13.26	<=30	PASS
	total Ant0&1	High	16.85	<=30	PASS
	total Ant0&3	High	16.65	<=30	PASS
	total Ant2&1	High	16.86	<=30	PASS
	total Ant2&3	High	16.66	<=30	PASS
40M	Ant0	Low	13.07	<=30	PASS
	Ant1	Low	13.46	<=30	PASS
	Ant2	Low	12.53	<=30	PASS
	Ant3	Low	12.75	<=30	PASS
	total Ant0&1	Low	16.28	<=30	PASS
	total Ant0&3	Low	15.92	<=30	PASS
	total Ant2&1	Low	16.03	<=30	PASS



	total Ant2&3	Low	15.65	<=30	PASS
	Ant0	MID	13.52	<=30	PASS
	Ant1	MID	13.12	<=30	PASS
	Ant2	MID	12.90	<=30	PASS
	Ant3	MID	12.93	<=30	PASS
	total Ant0&1	MID	16.33	<=30	PASS
	total Ant0&3	MID	16.25	<=30	PASS
	total Ant2&1	MID	16.02	<=30	PASS
	total Ant2&3	MID	15.93	<=30	PASS
	Ant0	High	13.18	<=30	PASS
	Ant1	High	13.85	<=30	PASS
	Ant2	High	13.05	<=30	PASS
	Ant3	High	12.75	<=30	PASS
	total Ant0&1	High	16.54	<=30	PASS
	total Ant0&3	High	15.98	<=30	PASS
	total Ant2&1	High	16.48	<=30	PASS
	total Ant2&3	High	15.91	<=30	PASS
1.4M	Ant0	Low	21.18	<=30	PASS
	Ant1	Low	21.73	<=30	PASS
	Ant2	Low	21.73	<=30	PASS
	Ant3	Low	21.81	<=30	PASS
	total Ant0&1	Low	24.47	<=30	PASS
	total Ant0&3	Low	24.52	<=30	PASS
	total Ant2&1	Low	24.74	<=30	PASS
	total Ant2&3	Low	24.78	<=30	PASS
	Ant0	MID	20.99	<=30	PASS
	Ant1	MID	21.42	<=30	PASS
	Ant2	MID	22.33	<=30	PASS
	Ant3	MID	21.75	<=30	PASS
	total Ant0&1	MID	24.22	<=30	PASS
	total Ant0&3	MID	24.40	<=30	PASS
	total Ant2&1	MID	24.91	<=30	PASS
	total Ant2&3	MID	25.06	<=30	PASS
	Ant0	High	21.93	<=30	PASS
	Ant1	High	21.09	<=30	PASS
	Ant2	High	22.93	<=30	PASS
	Ant3	High	21.51	<=30	PASS
	total Ant0&1	High	24.54	<=30	PASS
	total Ant0&3	High	24.74	<=30	PASS
	total Ant2&1	High	25.12	<=30	PASS
	total Ant2&3	High	25.29	<=30	PASS
1.4M-CA	Ant0	Low	21.21	<=30	PASS
	Ant1	Low	21.57	<=30	PASS
	Ant2	Low	21.55	<=30	PASS
	Ant3	Low	21.78	<=30	PASS
	total Ant0&1	Low	24.40	<=30	PASS
	total Ant0&3	Low	24.51	<=30	PASS
	total Ant2&1	Low	24.57	<=30	PASS
	total Ant2&3	Low	24.68	<=30	PASS
	Ant0	MID	21.27	<=30	PASS
	Ant1	MID	21.73	<=30	PASS
	Ant2	MID	21.63	<=30	PASS
	Ant3	MID	22.28	<=30	PASS
	total Ant0&1	MID	24.52	<=30	PASS
	total Ant0&3	MID	24.81	<=30	PASS
	total Ant2&1	MID	24.69	<=30	PASS
	total Ant2&3	MID	24.98	<=30	PASS
	Ant0	High	20.59	<=30	PASS
	Ant1	High	21.86	<=30	PASS
	Ant2	High	20.98	<=30	PASS
	Ant3	High	20.31	<=30	PASS



	total Ant0&1	High	24.28	<=30	PASS
	total Ant0&3	High	23.46	<=30	PASS
	total Ant2&1	High	24.45	<=30	PASS
	total Ant2&3	High	23.67	<=30	PASS
3M	Ant0	Low	23.27	<=30	PASS
	Ant1	Low	23.15	<=30	PASS
	Ant2	Low	23.94	<=30	PASS
	Ant3	Low	23.61	<=30	PASS
	total Ant0&1	Low	26.22	<=30	PASS
	total Ant0&3	Low	26.45	<=30	PASS
	total Ant2&1	Low	26.57	<=30	PASS
	total Ant2&3	Low	26.79	<=30	PASS
	Ant0	MID	22.43	<=30	PASS
	Ant1	MID	23.43	<=30	PASS
	Ant2	MID	23.11	<=30	PASS
	Ant3	MID	23.74	<=30	PASS
	total Ant0&1	MID	25.97	<=30	PASS
	total Ant0&3	MID	26.14	<=30	PASS
	total Ant2&1	MID	26.28	<=30	PASS
	total Ant2&3	MID	26.45	<=30	PASS
	Ant0	High	22.80	<=30	PASS
	Ant1	High	22.87	<=30	PASS
	Ant2	High	23.57	<=30	PASS
	Ant3	High	22.82	<=30	PASS
	total Ant0&1	High	25.85	<=30	PASS
	total Ant0&3	High	25.82	<=30	PASS
	total Ant2&1	High	26.24	<=30	PASS
	total Ant2&3	High	26.22	<=30	PASS
3M-CA	Ant0	Low	22.67	<=30	PASS
	Ant1	Low	22.70	<=30	PASS
	Ant2	Low	22.97	<=30	PASS
	Ant3	Low	22.91	<=30	PASS
	total Ant0&1	Low	25.70	<=30	PASS
	total Ant0&3	Low	25.80	<=30	PASS
	total Ant2&1	Low	25.85	<=30	PASS
	total Ant2&3	Low	25.95	<=30	PASS
	Ant0	MID	22.42	<=30	PASS
	Ant1	MID	22.74	<=30	PASS
	Ant2	MID	22.85	<=30	PASS
	Ant3	MID	23.01	<=30	PASS
	total Ant0&1	MID	25.59	<=30	PASS
	total Ant0&3	MID	25.74	<=30	PASS
	total Ant2&1	MID	25.81	<=30	PASS
	total Ant2&3	MID	25.94	<=30	PASS
	Ant0	High	22.32	<=30	PASS
	Ant1	High	21.65	<=30	PASS
	Ant2	High	22.23	<=30	PASS
	Ant3	High	22.45	<=30	PASS
	total Ant0&1	High	25.01	<=30	PASS
	total Ant0&3	High	25.40	<=30	PASS
	total Ant2&1	High	24.96	<=30	PASS
	total Ant2&3	High	25.35	<=30	PASS

**11.4. Appendix D: Maximum power spectral density****11.4.1. Test Result**

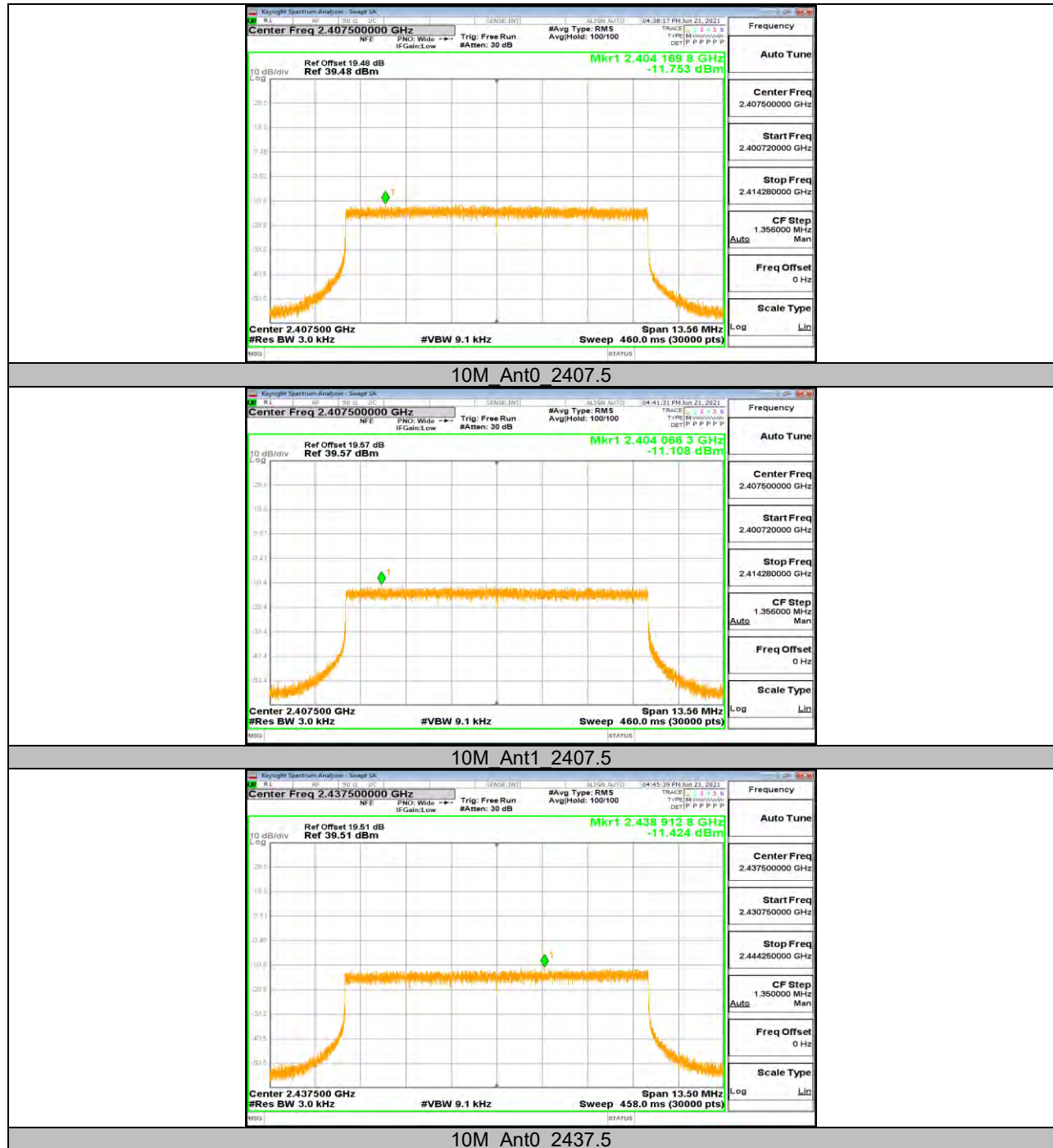
Test Mode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
10M	Ant0	2407.5	-11.75	<=8	PASS
	Ant1	2407.5	-11.11	<=8	PASS
	total	2407.5	-8.14	<=8	
	Ant0	2437.5	-11.42	<=8	PASS
	Ant1	2437.5	-11.71	<=8	PASS
	total	2437.5	-8.55	<=8	
	Ant0	2467.5	-11.87	<=8	PASS
	Ant1	2467.5	-11.25	<=8	PASS
	total	2467.5	-8.54	<=8	PASS
20M	Ant0	2412.5	-13.81	<=8	PASS
	Ant1	2412.5	-14.1	<=8	PASS
	total	2412.5	-10.94	<=8	PASS
	Ant0	2437.5	-13.54	<=8	PASS
	Ant1	2437.5	-14.89	<=8	PASS
	total	2437.5	-11.15	<=8	PASS
	Ant0	2462.5	-12.83	<=8	PASS
	Ant1	2462.5	-13.28	<=8	PASS
	total	2462.5	-10.04	<=8	PASS
40M	Ant0	2422.5	-17.14	<=8	PASS
	Ant1	2422.5	-17.15	<=8	PASS
	total	2422.5	-14.13	<=8	PASS
	Ant0	2437.5	-16.4	<=8	PASS
	Ant1	2437.5	-17.03	<=8	PASS
	total	2437.5	-13.69	<=8	PASS
	Ant0	2452.5	-16.59	<=8	PASS
	Ant1	2452.5	-15.94	<=8	PASS
	total	2452.5	-13.24	<=8	PASS
1.4M	Ant0	2403.5	4.55	<=8	PASS
	Ant1	2403.5	5.08	<=8	PASS
	total	2403.5	7.83	<=8	PASS
	Ant0	2435.5	4.22	<=8	PASS
	Ant1	2435.5	4.70	<=8	PASS
	total	2435.5	7.48	<=8	PASS
	Ant0	2469.5	4.37	<=8	PASS
	Ant1	2469.5	4.37	<=8	PASS
	total	2469.5	7.38	<=8	PASS
1.4M CA	Ant0	2405.12	4.56	<=8	PASS
	Ant1	2405.12	4.35	<=8	PASS
	total	2405.12	7.47	<=8	PASS
	Ant0	2437.12	4.35	<=8	PASS
	Ant1	2437.12	4.82	<=8	PASS
	total	2437.12	7.60	<=8	PASS
	Ant0	2471.12	3.29	<=8	PASS
	Ant1	2471.12	2.27	<=8	PASS
	total	2471.12	5.82	<=8	PASS
3M	Ant0	2404.5	2.12	<=8	PASS
	Ant1	2404.5	2.64	<=8	PASS
	total	2404.5	5.39	<=8	PASS
	Ant0	2434.5	2.20	<=8	PASS
	Ant1	2434.5	2.04	<=8	PASS
	total	2434.5	5.13	<=8	PASS

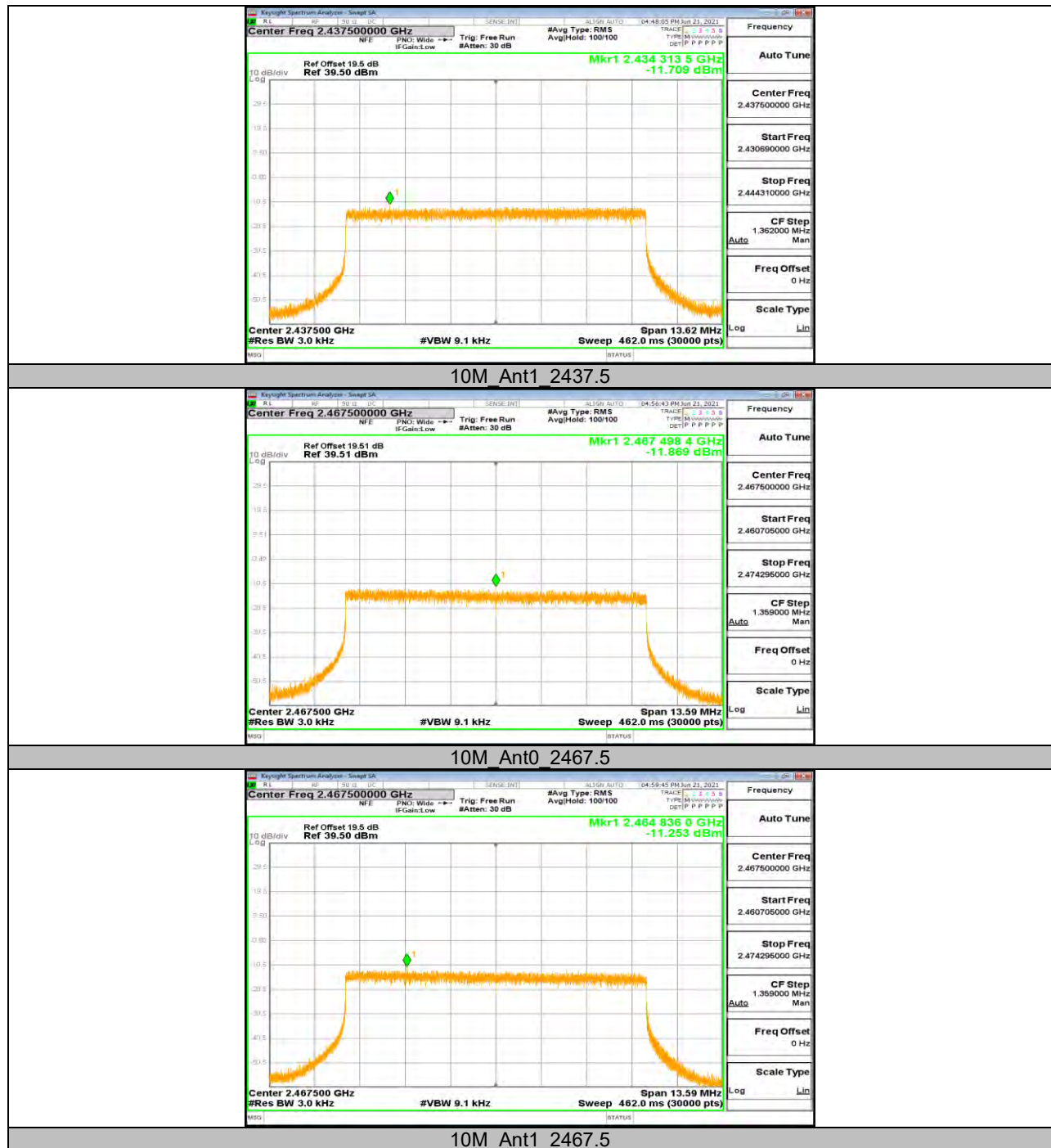


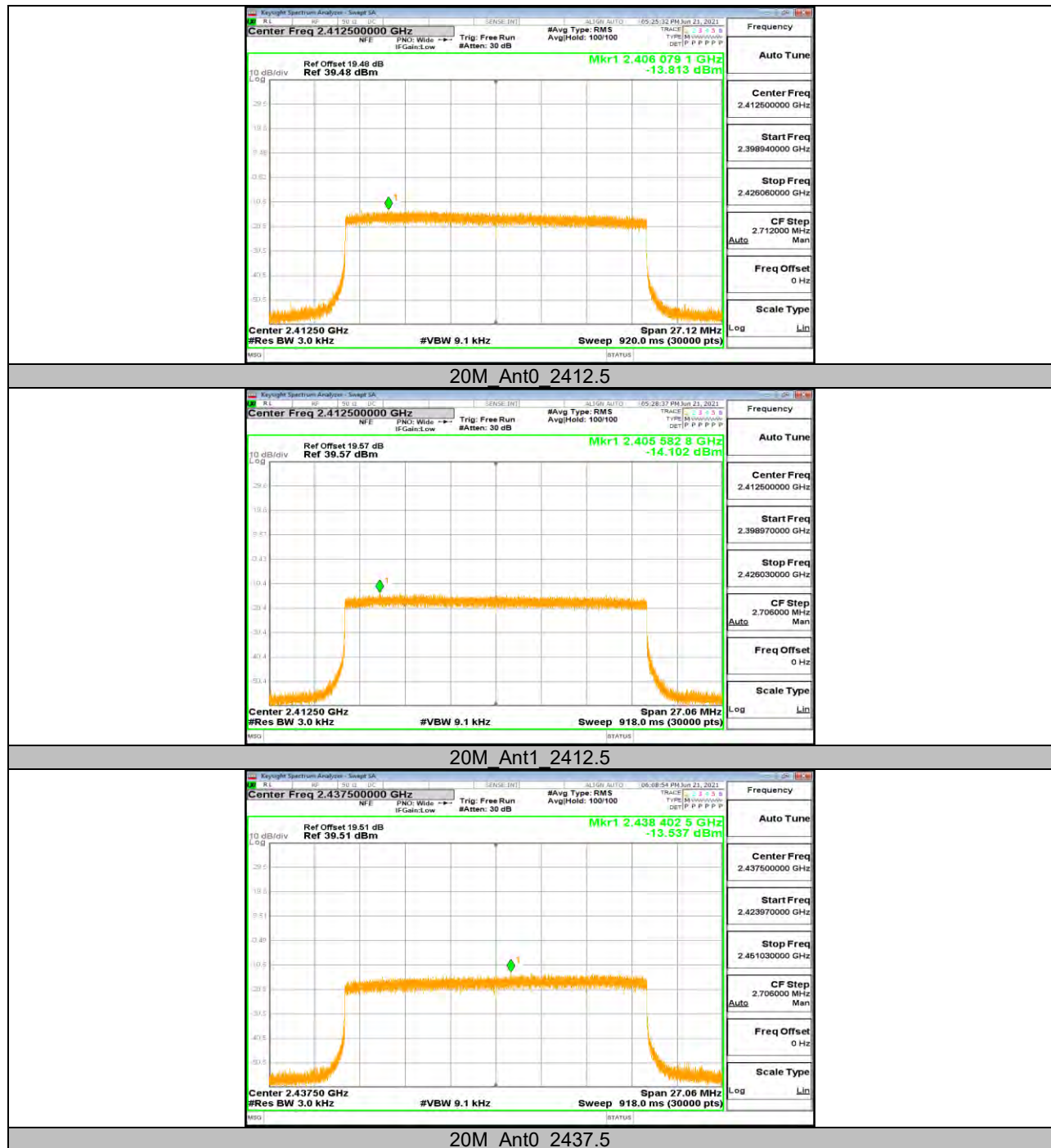
	Ant0	2467.5	2.00	<=8	PASS
	Ant1	2467.5	2.36	<=8	PASS
	total	2467.5	5.19	<=8	PASS
3M CA	Ant0	2407.2	2.05	<=8	PASS
	Ant1	2407.2	2.04	<=8	PASS
	total	2407.2	5.05	<=8	PASS
	Ant0	2437.2	1.88	<=8	PASS
	Ant1	2437.2	2.56	<=8	PASS
	total	2437.2	5.24	<=8	PASS
	Ant0	2470.2	1.00	<=8	PASS
	Ant1	2470.2	-0.56	<=8	PASS
	total	2470.2	3.30	<=8	PASS

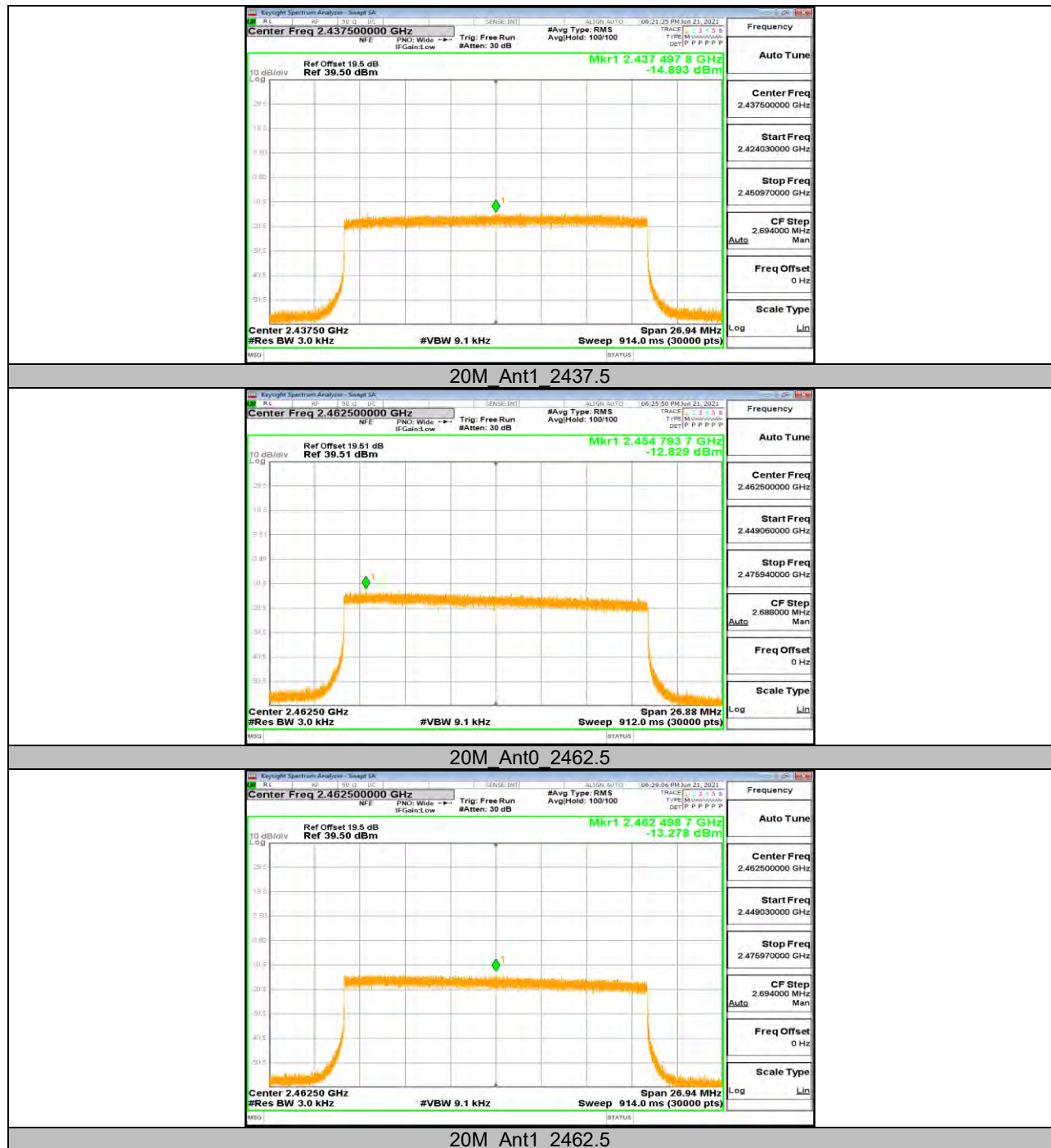
Note: All the modes had been tested, but only the worst data was recorded in the report.

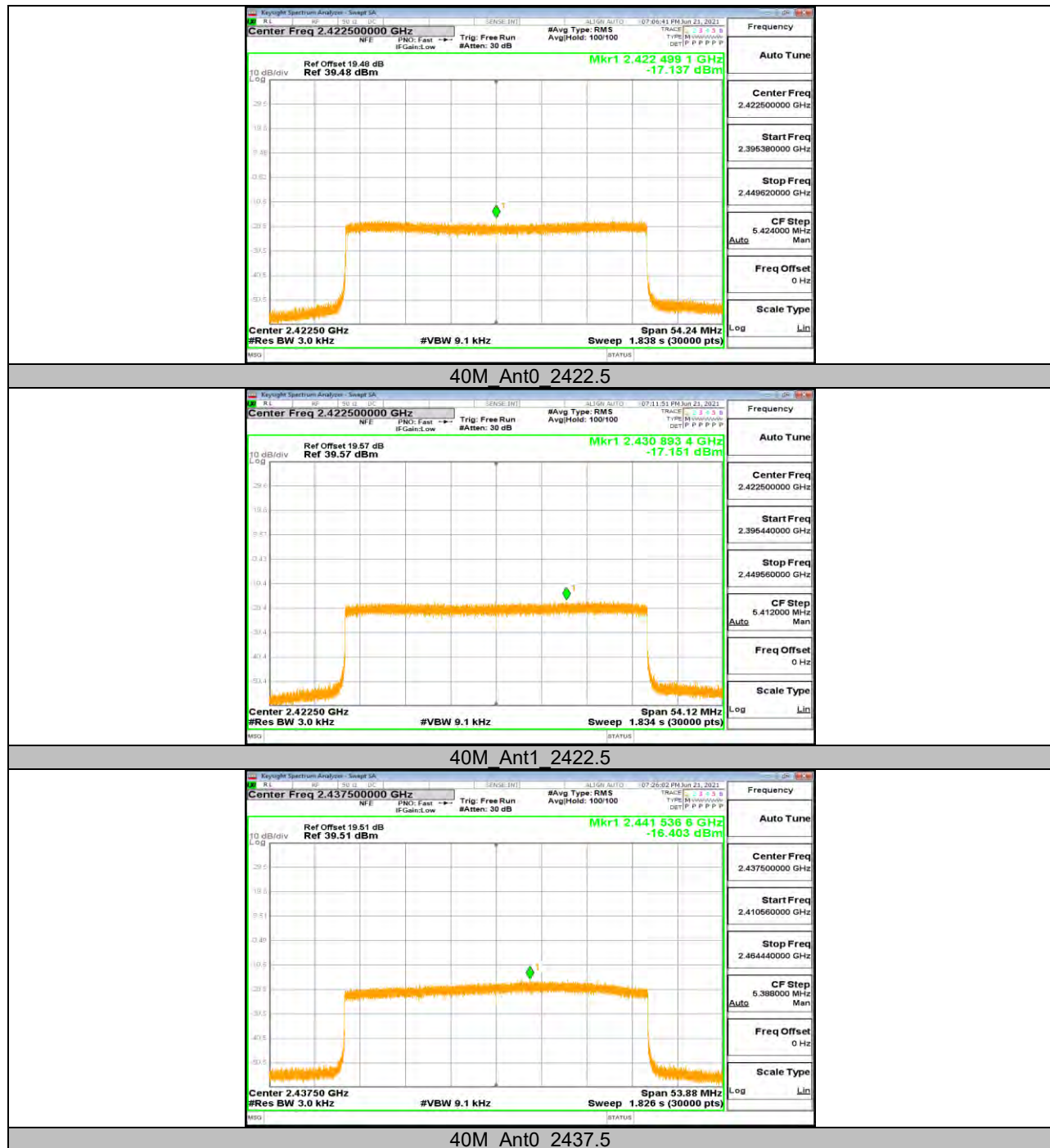
11.4.2. Test Graphs

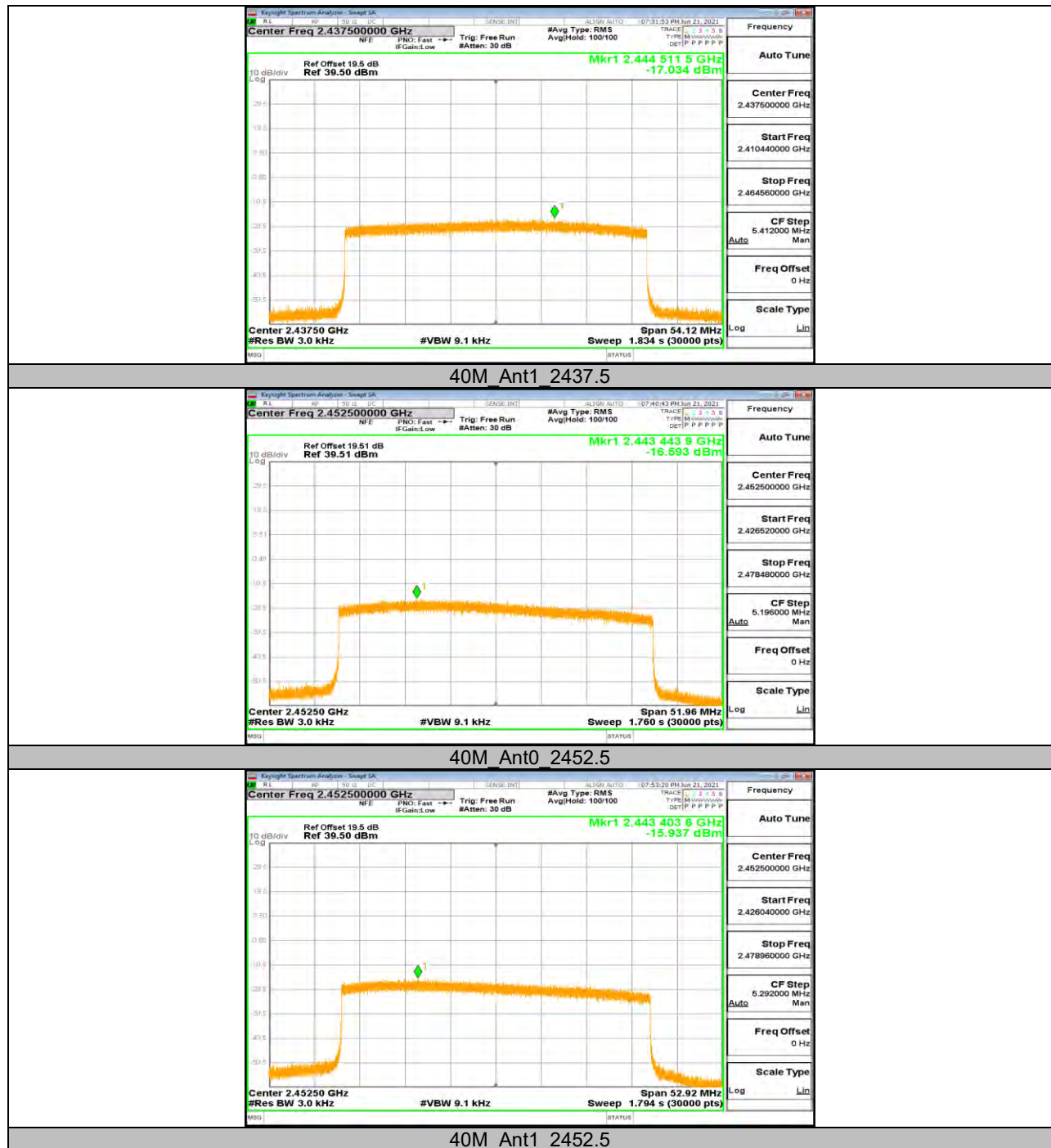


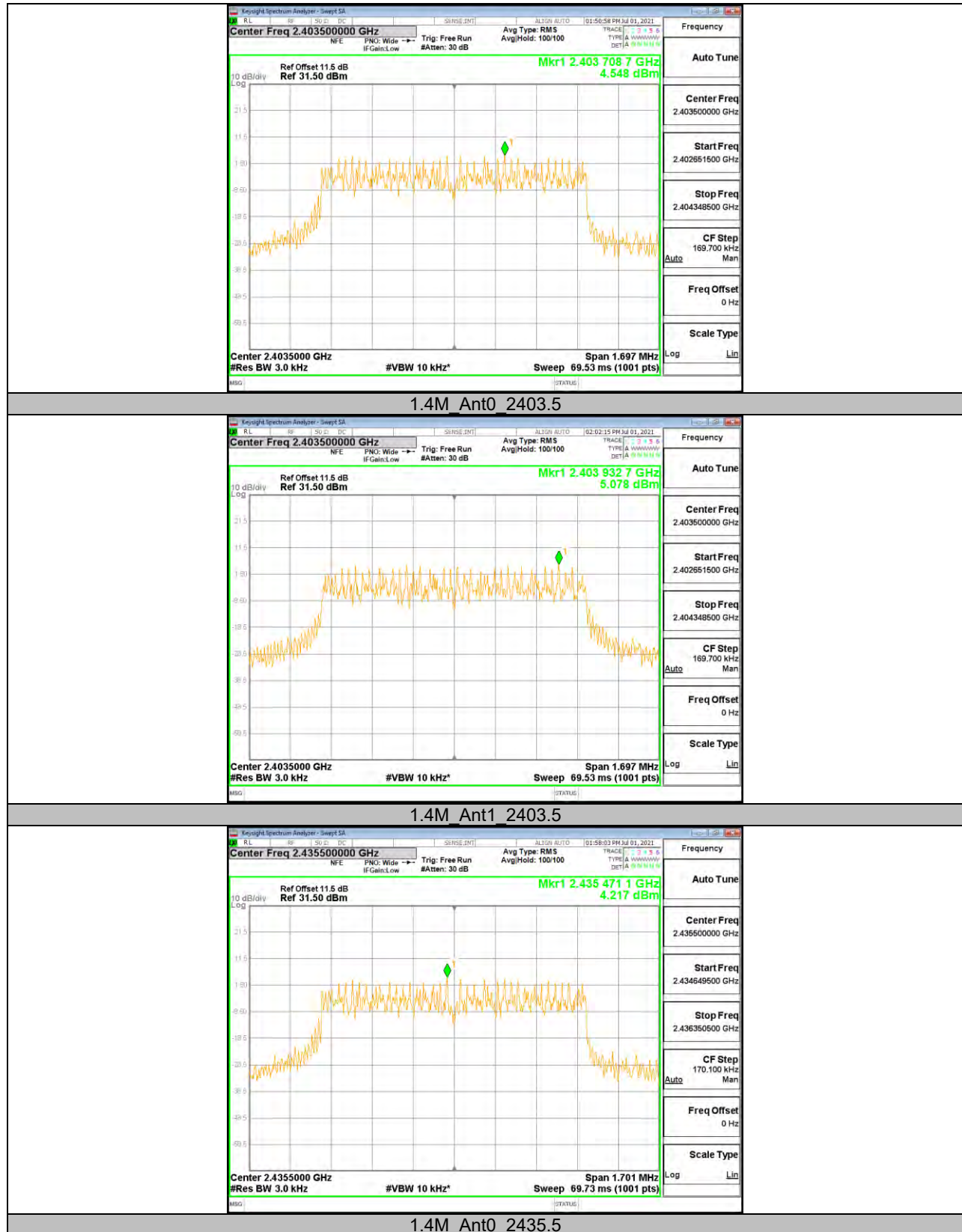






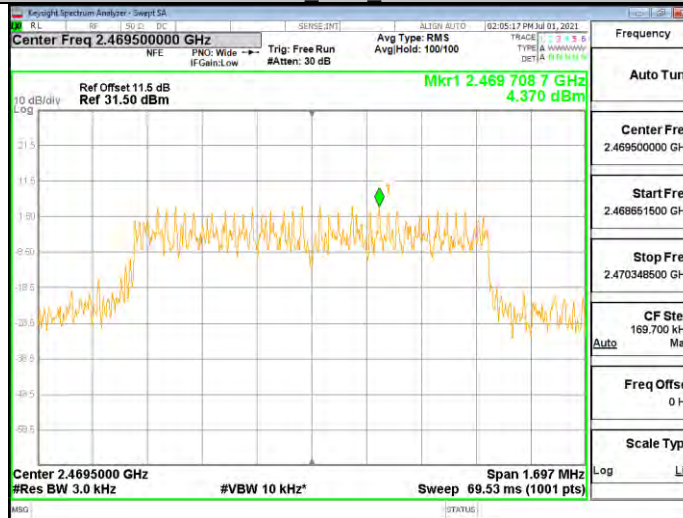








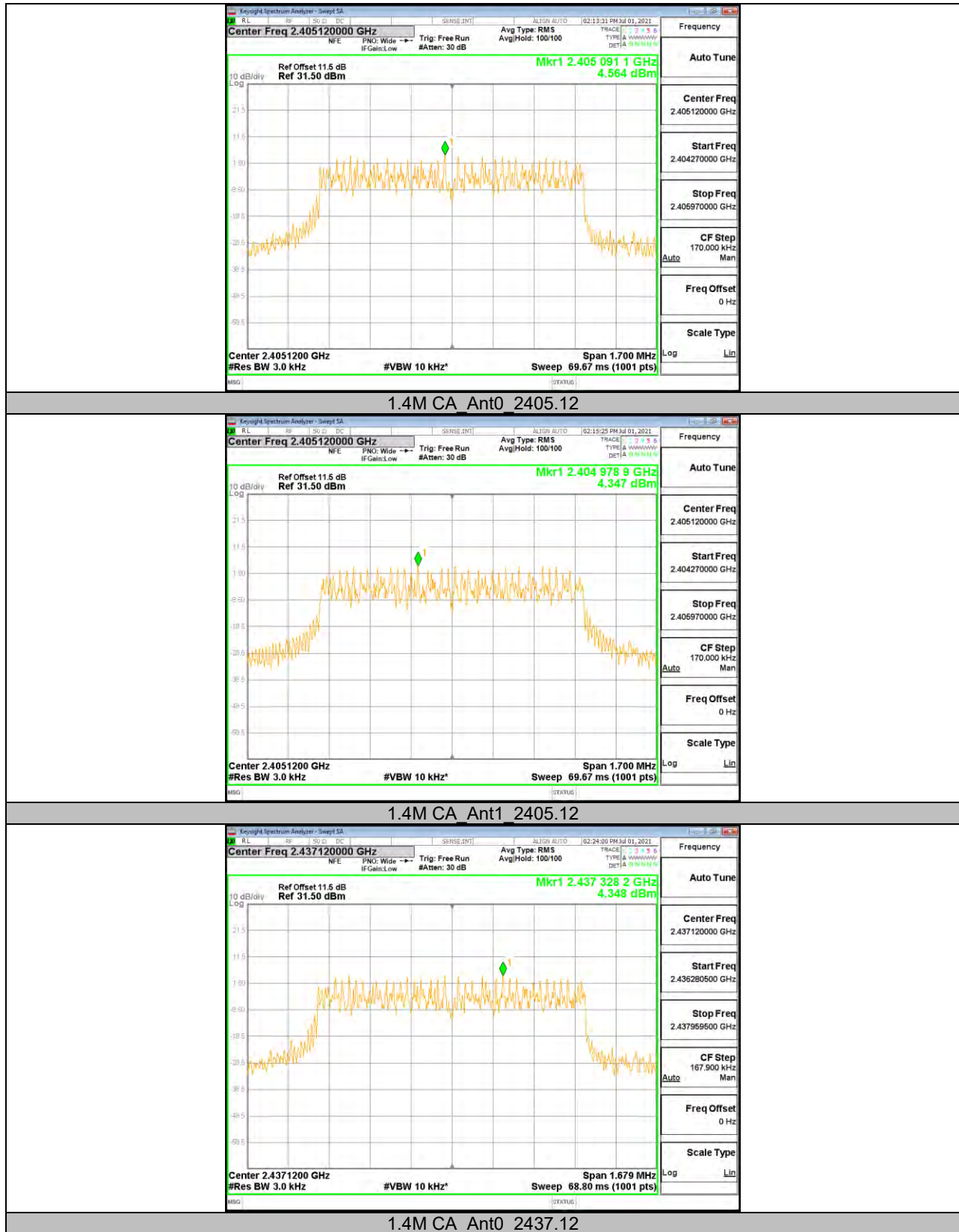
1.4M Ant1 2435.5

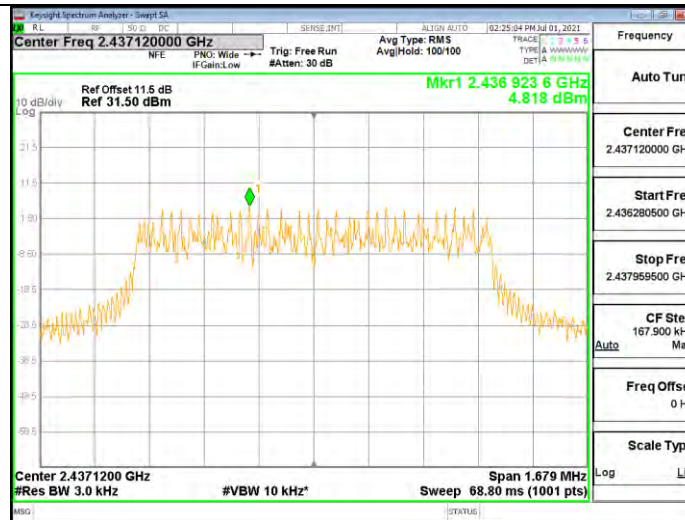


1.4M Ant0 2469.5

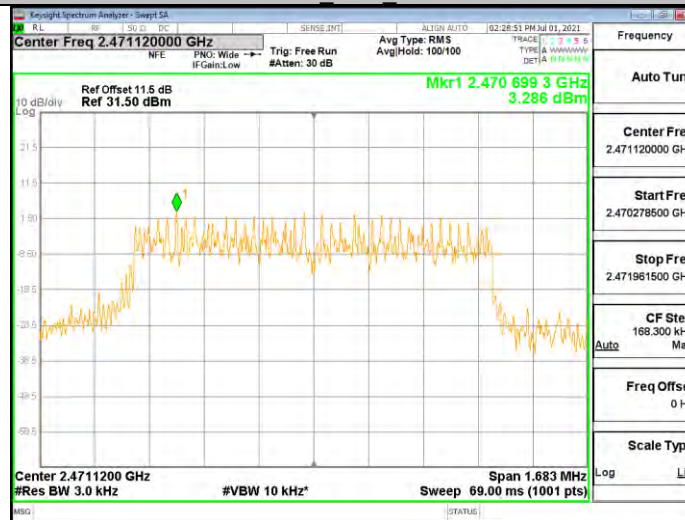


1.4M Ant0 2469.5

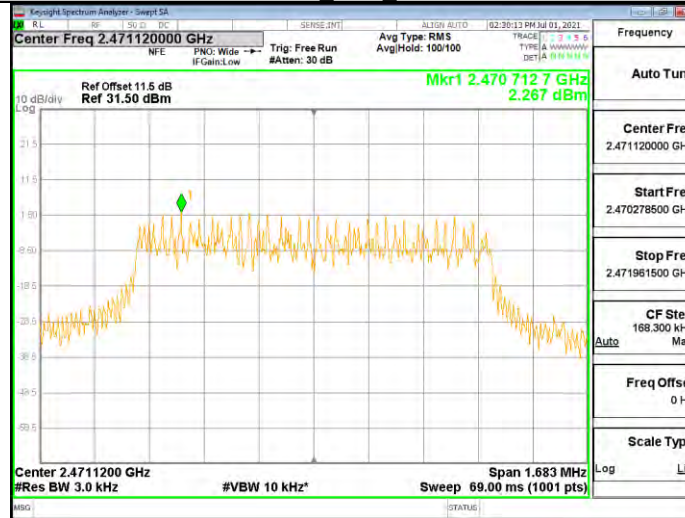




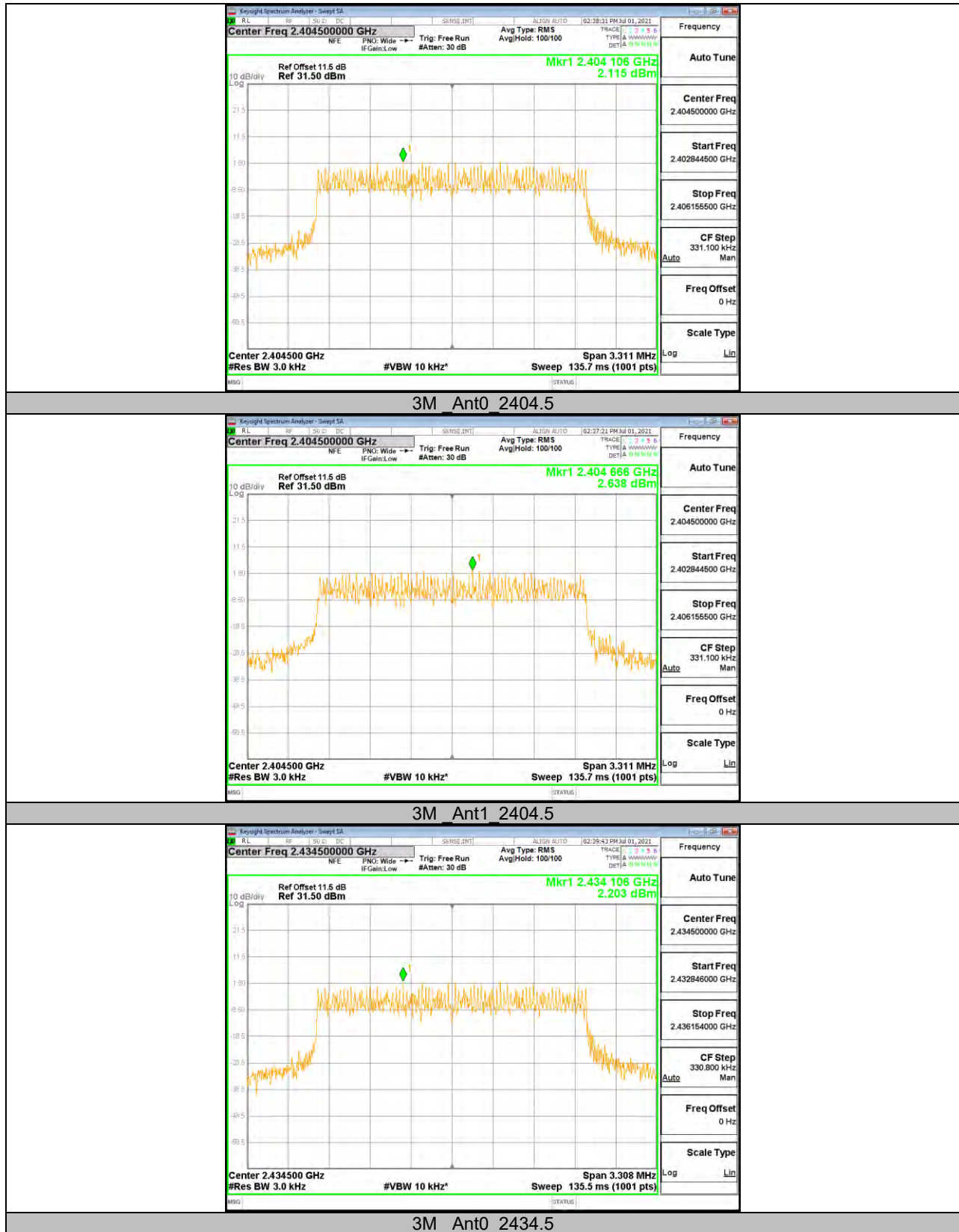
1.4M CA Ant1 2437.12

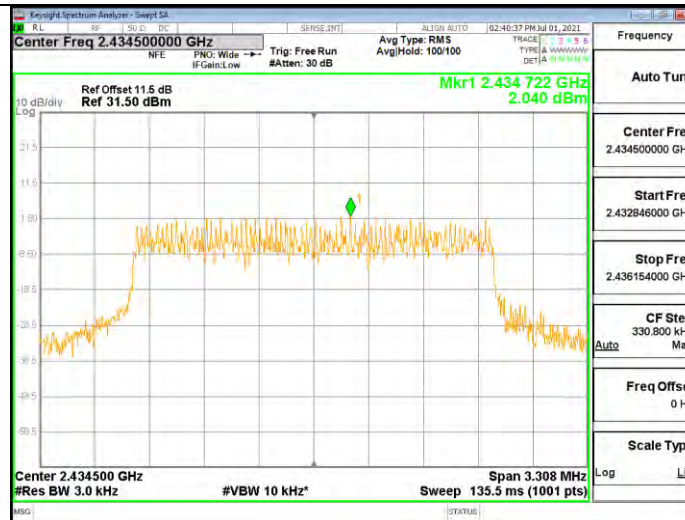


1.4M CA Ant0 2471.12

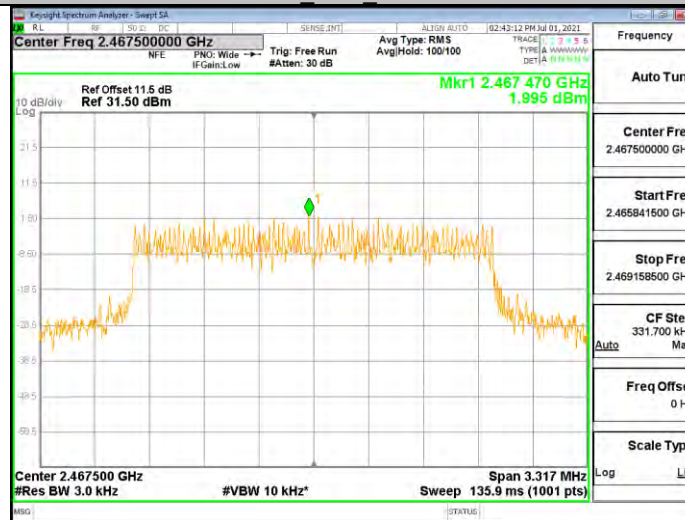


1.4M CA Ant0 2471.12

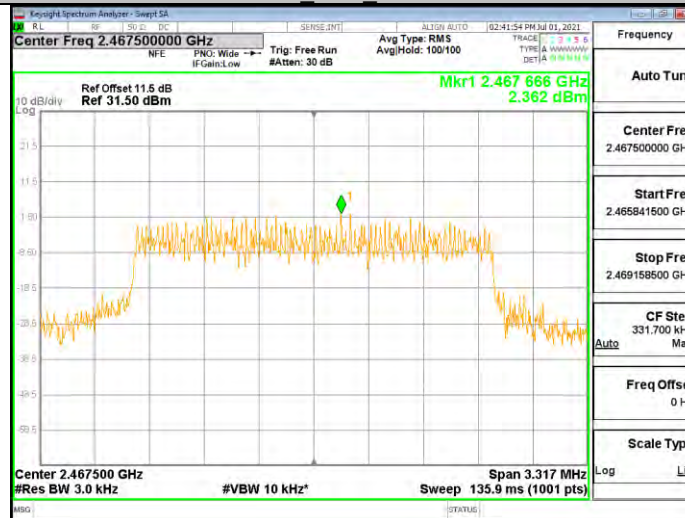




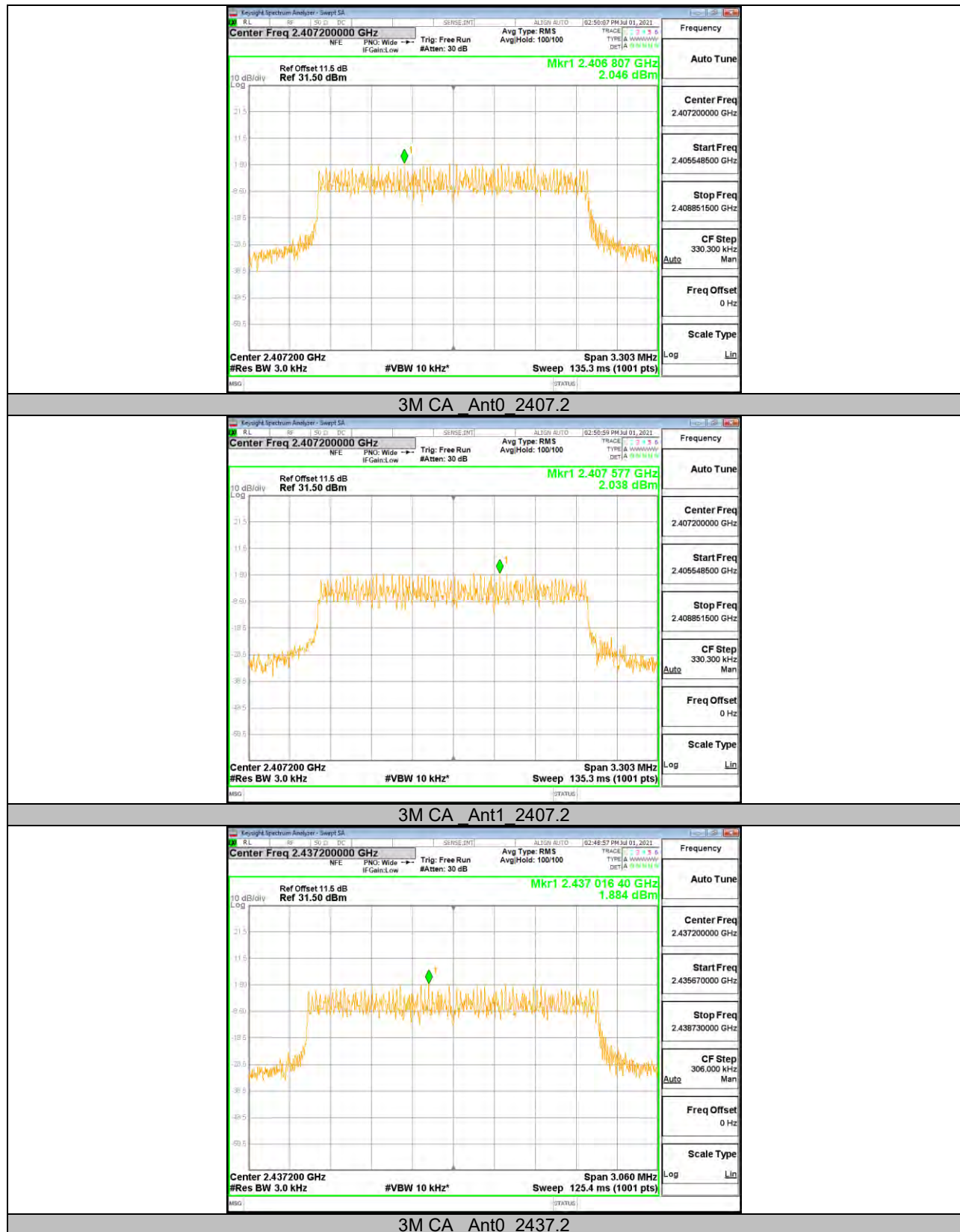
3M_Ant1_2434.5



3M_Ant0_2467.5

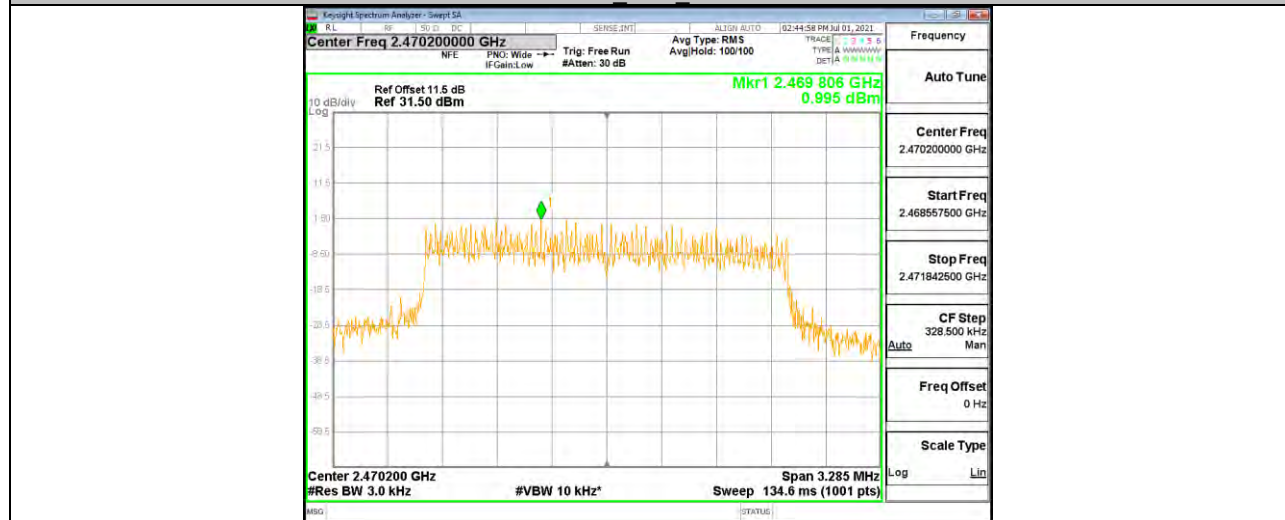


3M_Ant1_2467.5

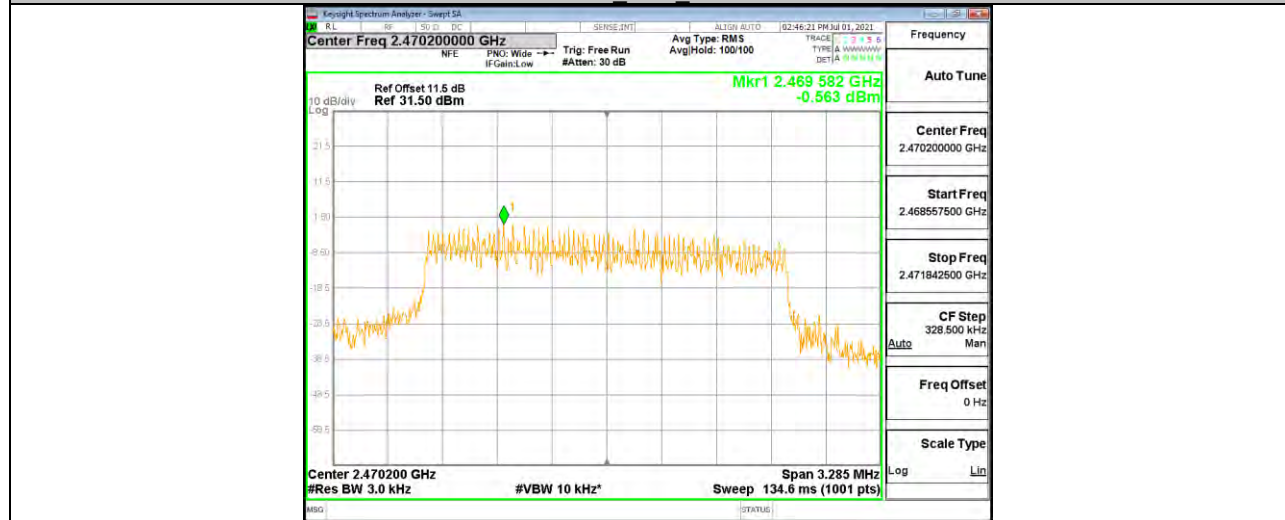




3M CA_Ant1_2437.2



3M CA_Ant0_2470.2



3M CA_Ant1_2470.2



11.5. Appendix E: Band edge measurements

11.5.1. Test Result

Test Mode	Antenna	ChName	Result[dBm]	Verdict
10M	Ant0	Low	See the Graph	PASS
		High	See the Graph	PASS
20M	Ant0	Low	See the Graph	PASS
		High	See the Graph	PASS
40M	Ant0	Low	See the Graph	PASS
		High	See the Graph	PASS
1.4M	Ant0	Low	See the Graph	PASS
		High	See the Graph	PASS
1.4M CA	Ant0	Low	See the Graph	PASS
		High	See the Graph	PASS
3M	Ant0	Low	See the Graph	PASS
		High	See the Graph	PASS
3M CA	Ant0	Low	See the Graph	PASS
		High	See the Graph	PASS

Note: All the modes had been tested, but only the worst data was recorded in the report.



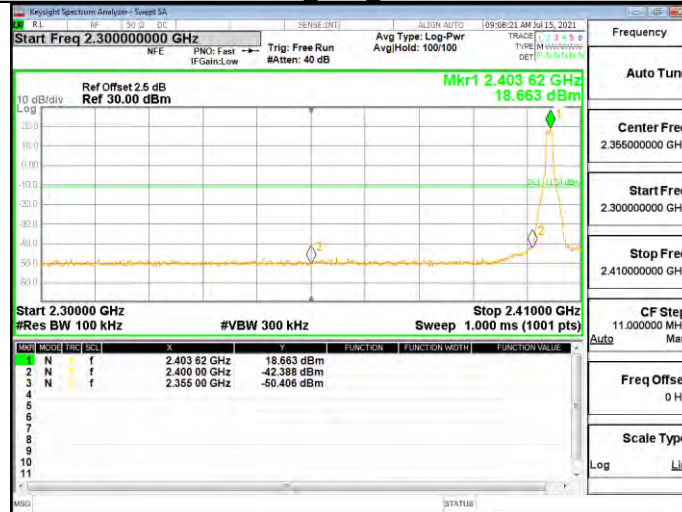
11.5.2. Test Graphs



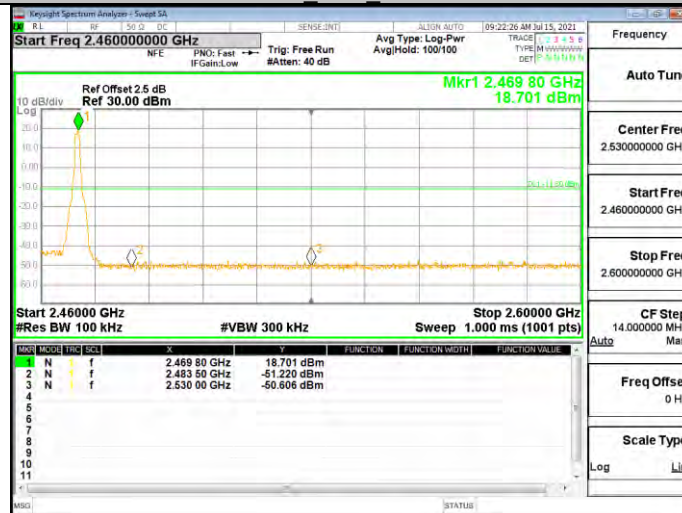




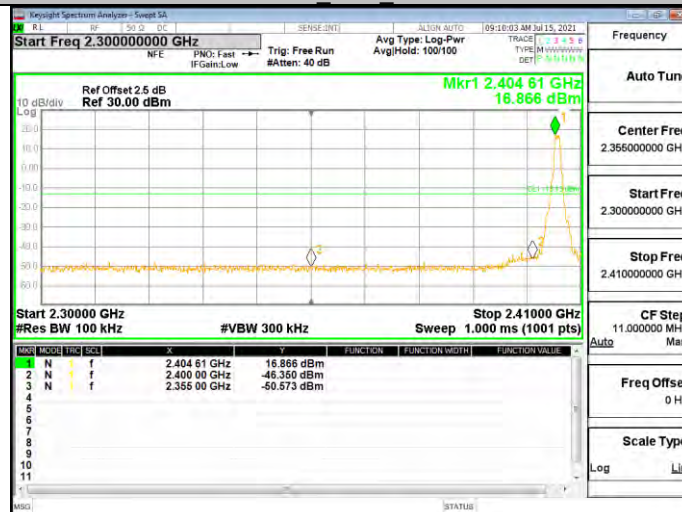
1.4M Ant0 2403.5

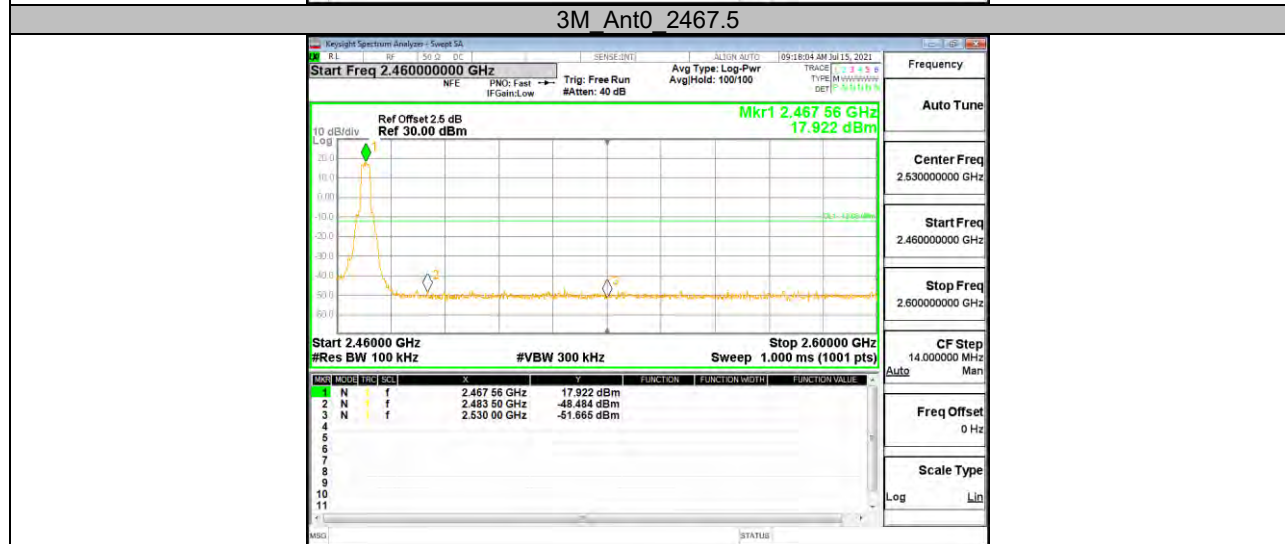
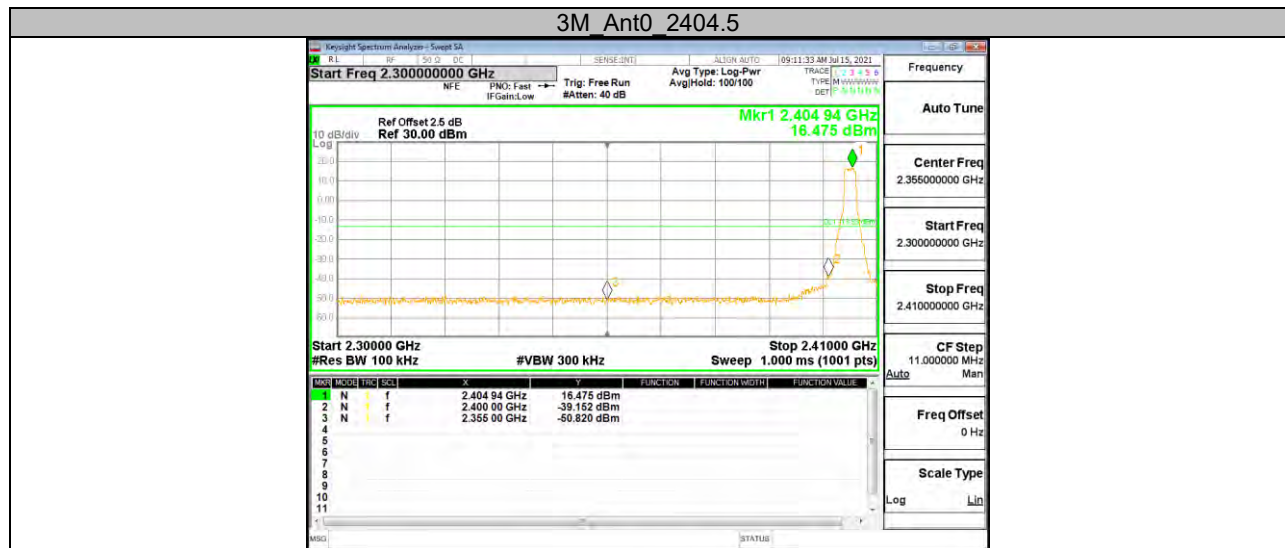
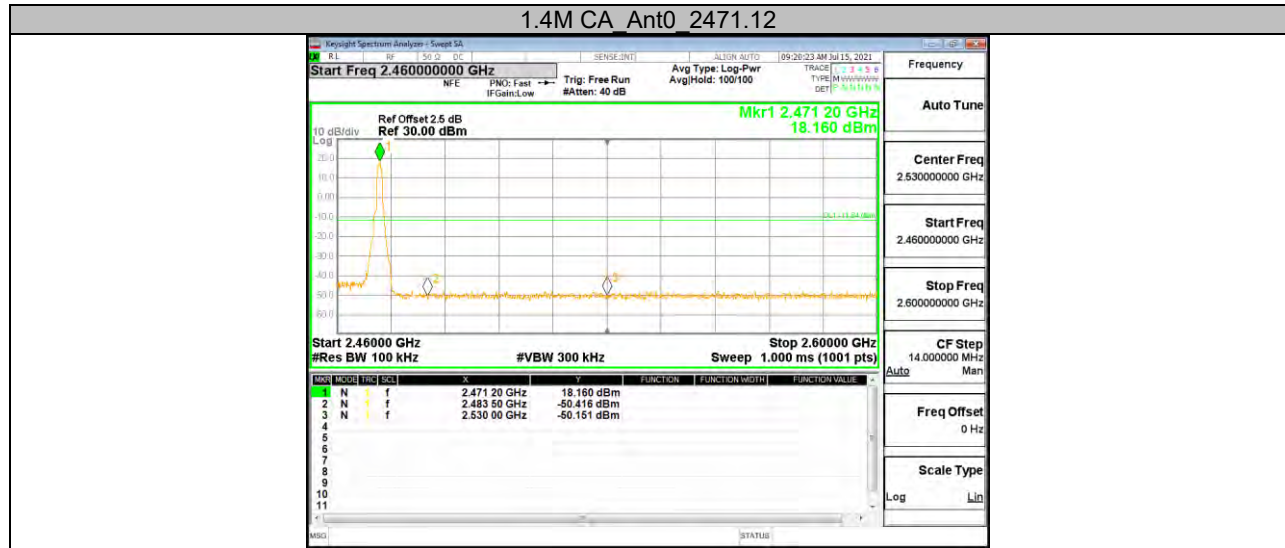


1.4M Ant0 2469.5



1.4M CA Ant0 2405.12









11.6. Appendix F: Conducted Spurious Emission

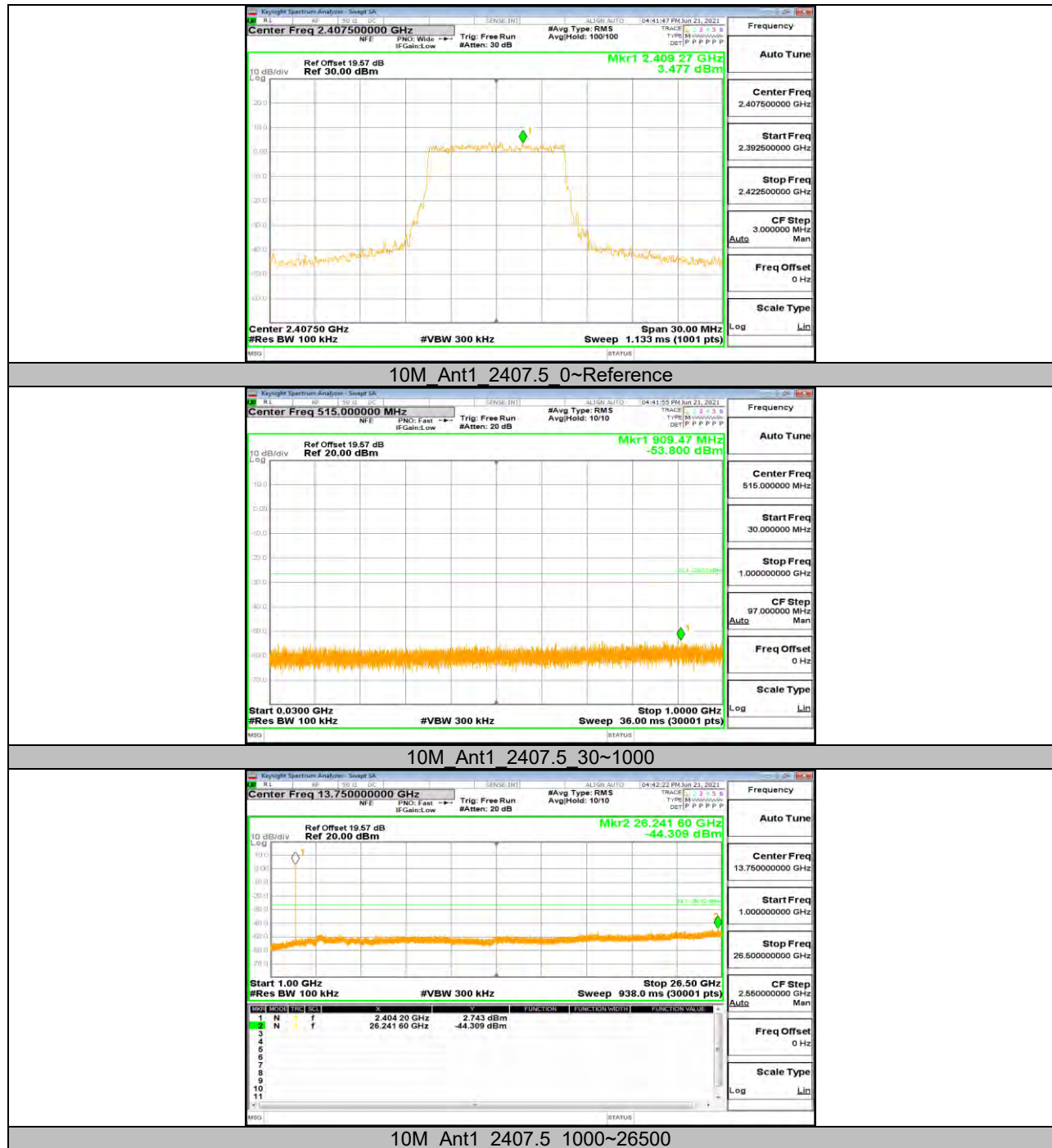
11.6.1. Test Result

Test Mode	Antenna	Channel	FreqRange [Mhz]	Result [dBm]	Limit [dBm]	Verdict
10M	Ant1	2407.5	Reference	3.48	---	PASS
			30~1000	See the Graph	<=-26.52	PASS
			1000~26500	See the Graph	<=-26.52	PASS
		2437.5	Reference	3.43	---	PASS
			30~1000	See the Graph	<=-26.57	PASS
			1000~26500	See the Graph	<=-26.57	PASS
		2467.5	Reference	3.29	---	PASS
			30~1000	See the Graph	<=-26.71	PASS
			1000~26500	See the Graph	<=-26.71	PASS
20M	Ant1	2412.5	Reference	1.21	---	PASS
			30~1000	See the Graph	<=-28.79	PASS
			1000~26500	See the Graph	<=-28.79	PASS
		2437.5	Reference	-0.88	---	PASS
			30~1000	See the Graph	<=-30.88	PASS
			1000~26500	See the Graph	<=-30.88	PASS
		2462.5	Reference	1.87	---	PASS
			30~1000	See the Graph	<=-28.13	PASS
			1000~26500	See the Graph	<=-28.13	PASS
40M	Ant1	2422.5	Reference	-2.17	---	PASS
			30~1000	See the Graph	<=-32.17	PASS
			1000~26500	See the Graph	<=-32.17	PASS
		2437.5	Reference	-2.40	---	PASS
			30~1000	See the Graph	<=-32.4	PASS
			1000~26500	See the Graph	<=-32.4	PASS
		2452.5	Reference	-0.96	---	PASS
			30~1000	See the Graph	<=-30.96	PASS
			1000~26500	See the Graph	<=-30.96	PASS
1.4M	Ant0	2403.5	Reference	22.22	---	PASS
			30~26500	See the Graph	<=-7.78	PASS
		2435.5	Reference	22.34	---	PASS
			30~26500	See the Graph	<=-7.66	PASS
		2467.5	Reference	20.91	---	PASS
			30~26500	See the Graph	<=-9.09	PASS
1.4M CA	Ant0	2405.12	Reference	22.79	---	PASS
			30~26500	See the Graph	<=-7.21	PASS
		2437.12	Reference	23.06	---	PASS
			30~26500	See the Graph	<=-6.94	PASS
		2471.12	Reference	20.14	---	PASS
			30~26500	See the Graph	<=-9.86	PASS
3M	Ant0	2404.5	Reference	20.52	---	PASS
			30~26500	See the Graph	<=-9.48	PASS
		2434.5	Reference	20.56	---	PASS
			30~26500	See the Graph	<=-9.44	PASS
		2467.5	Reference	18.08	---	PASS
			30~26500	See the Graph	<=-11.92	PASS
3M CA	Ant0	2407.2	Reference	20.80	---	PASS
			30~26500	See the Graph	<=-9.20	PASS
		2437.2	Reference	20.54	---	PASS
			30~26500	See the Graph	<=-9.46	PASS
		2470.2	Reference	18.66	---	PASS
			30~26500	See the Graph	<=-11.34	PASS

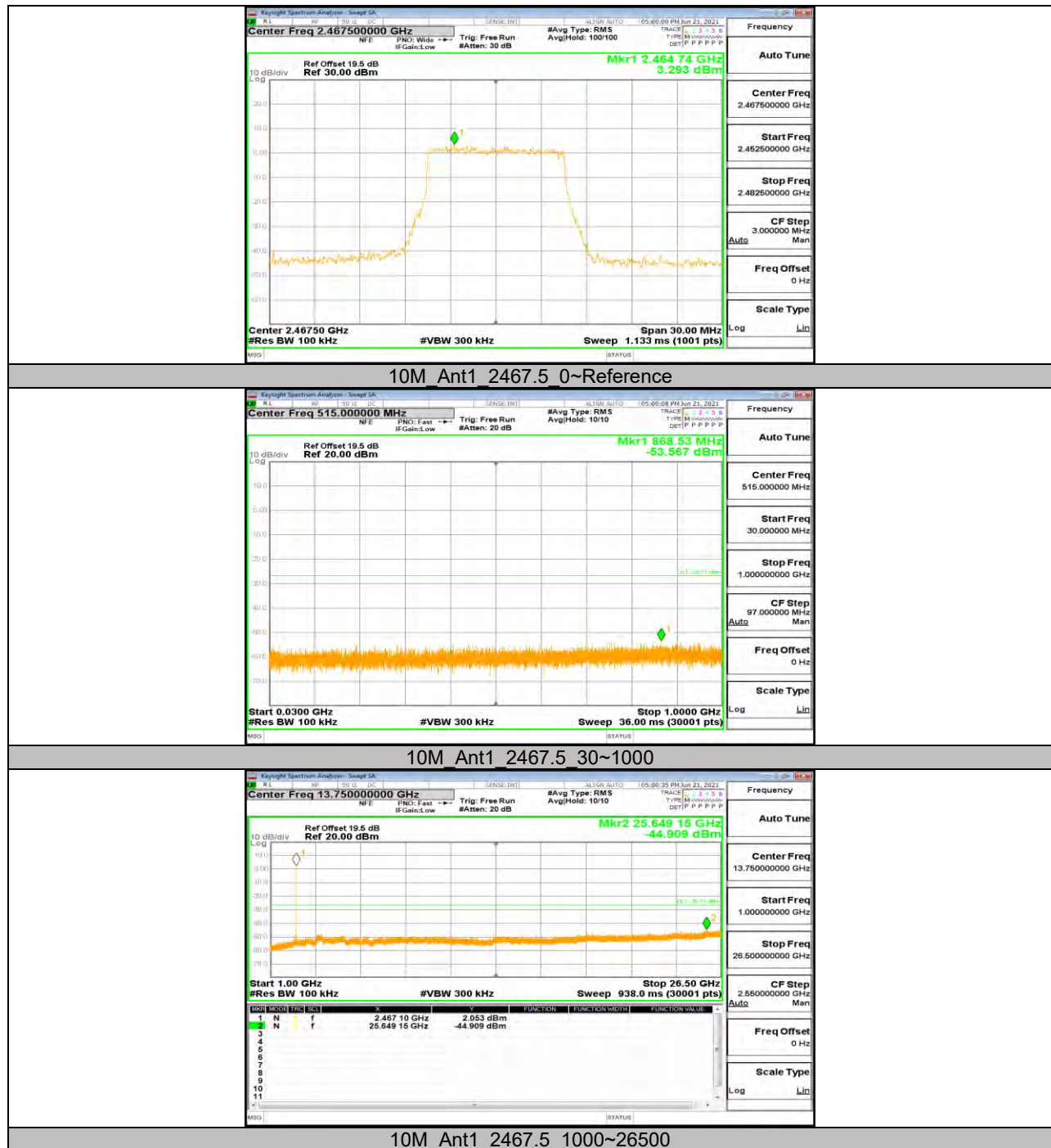
Note: All the modes had been tested, but only the worst data was recorded in the report.

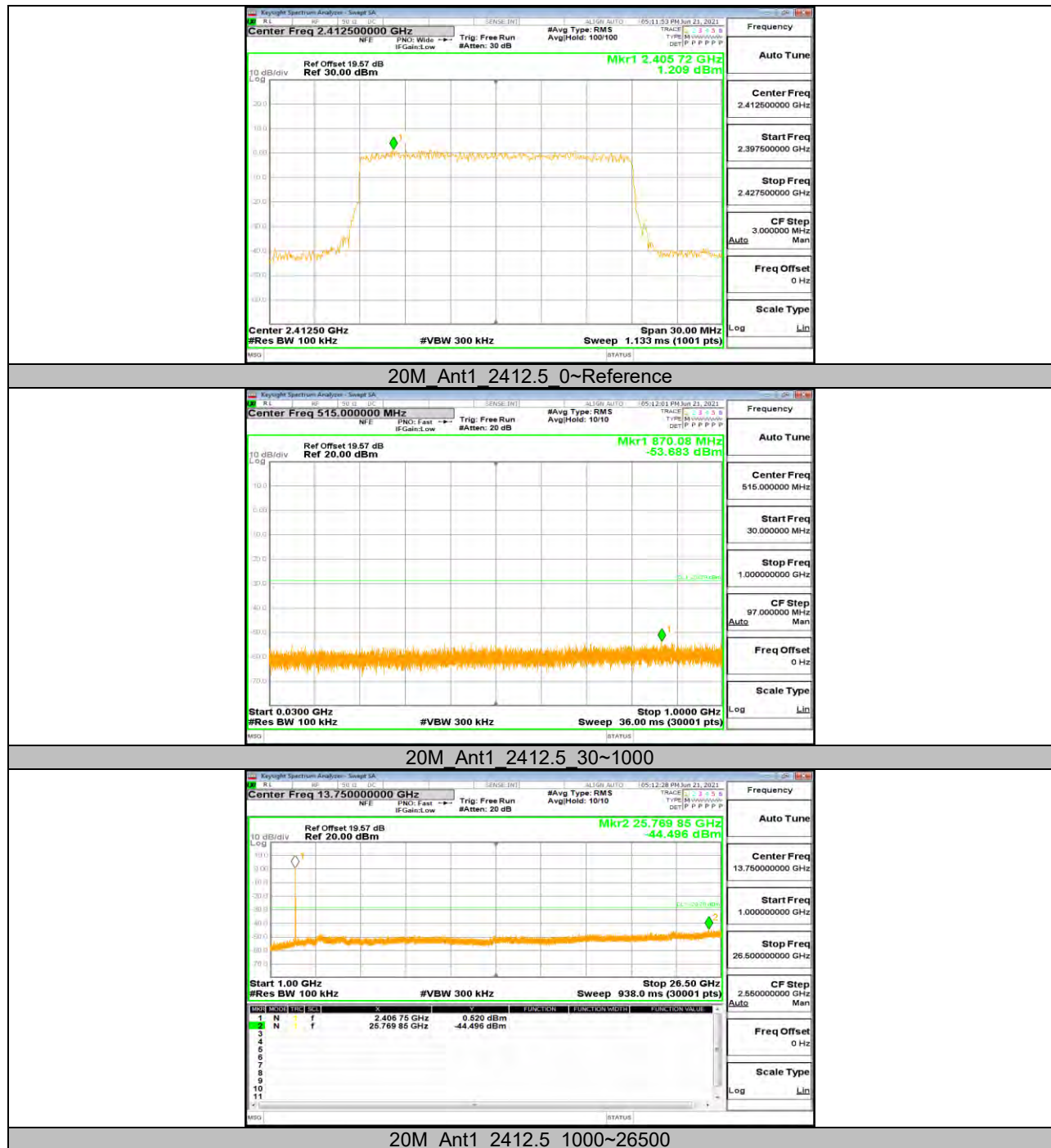


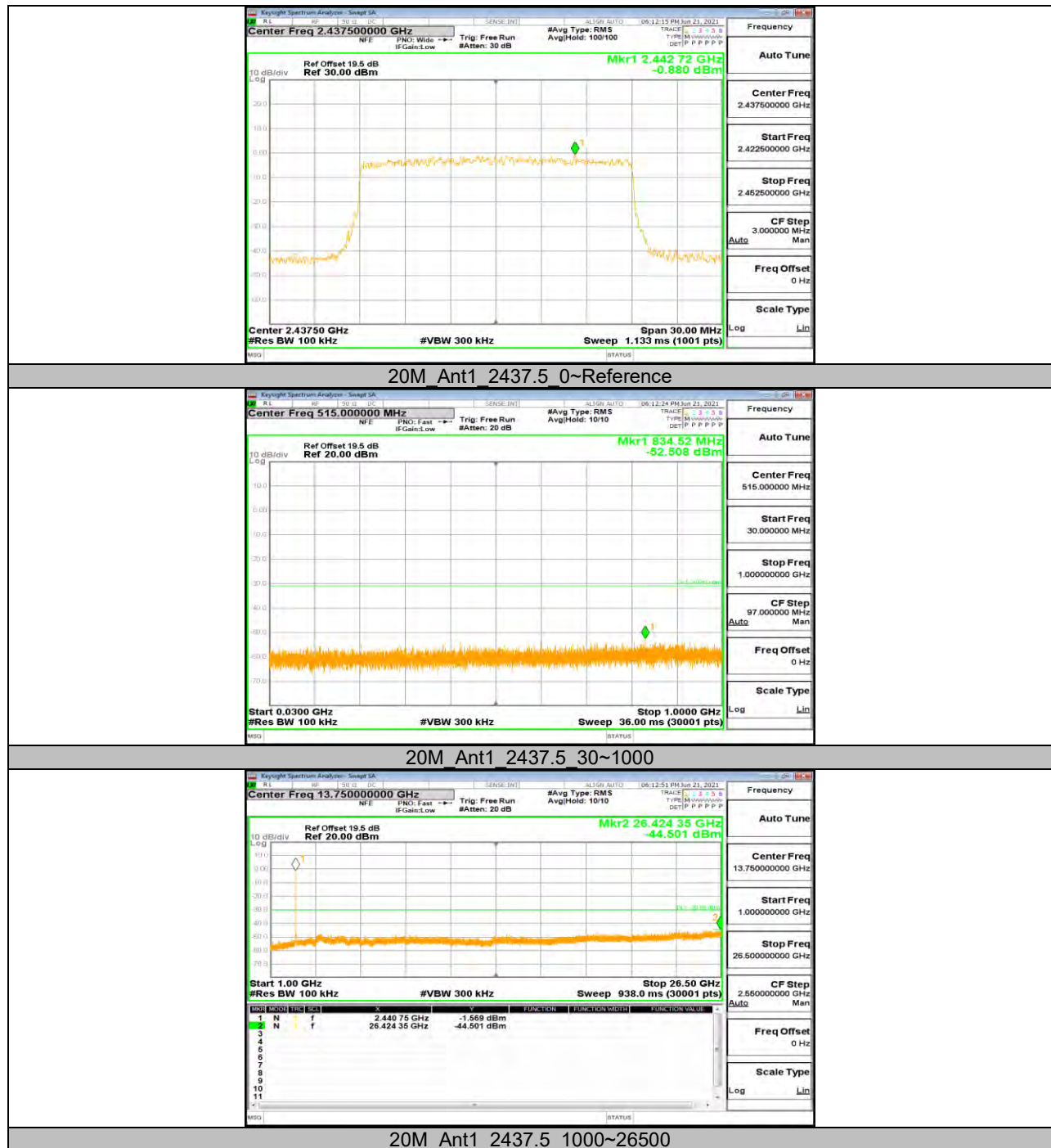
11.6.2. Test Graphs

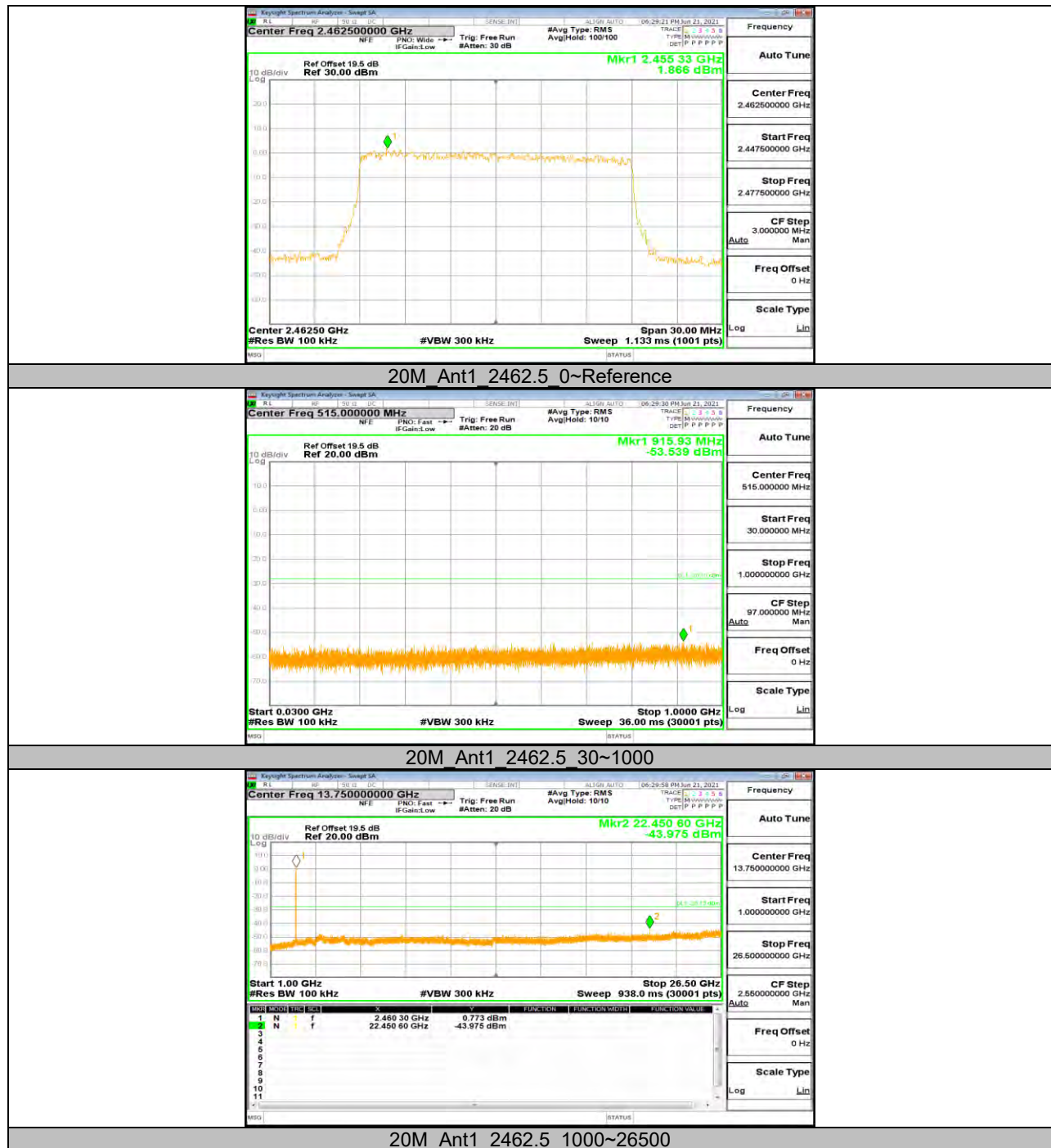






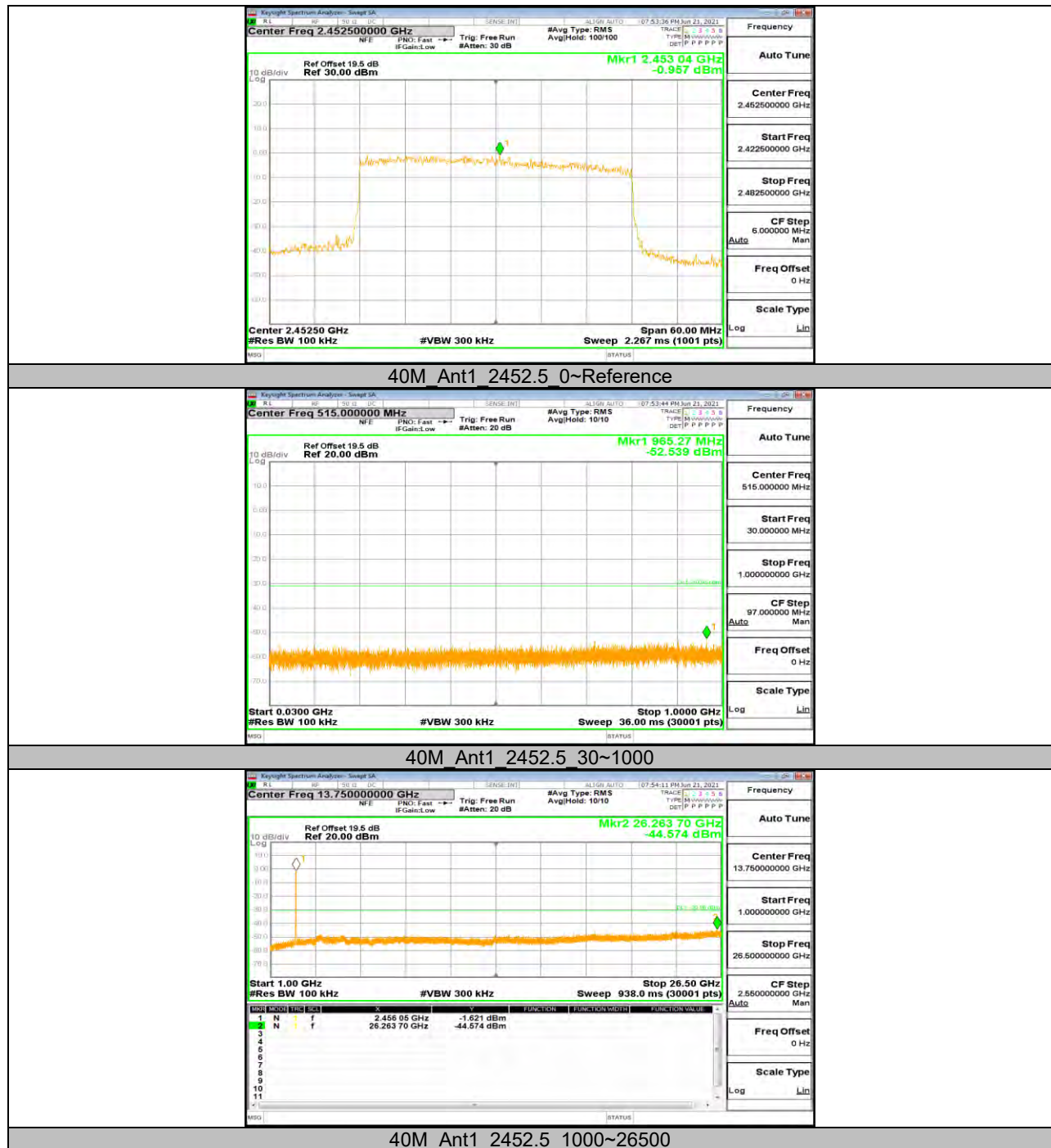






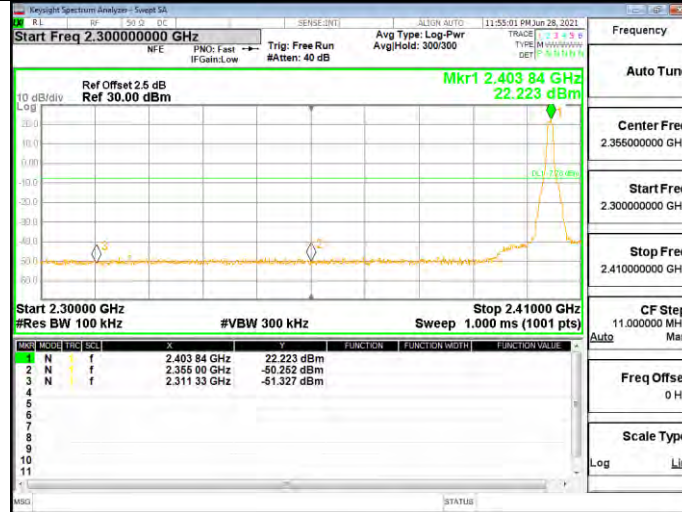




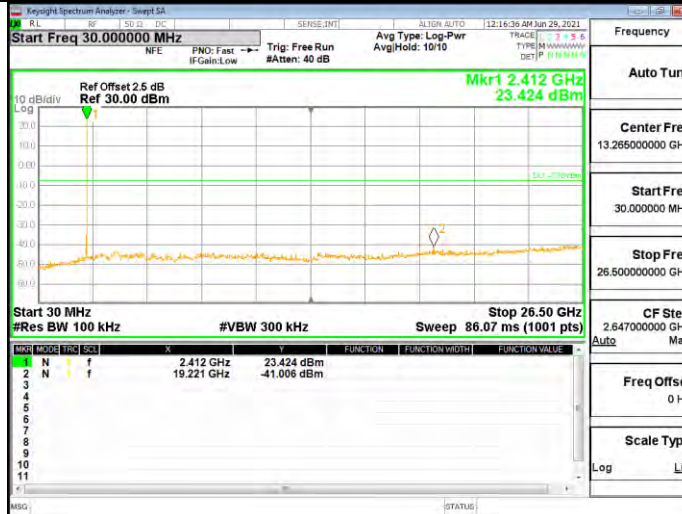




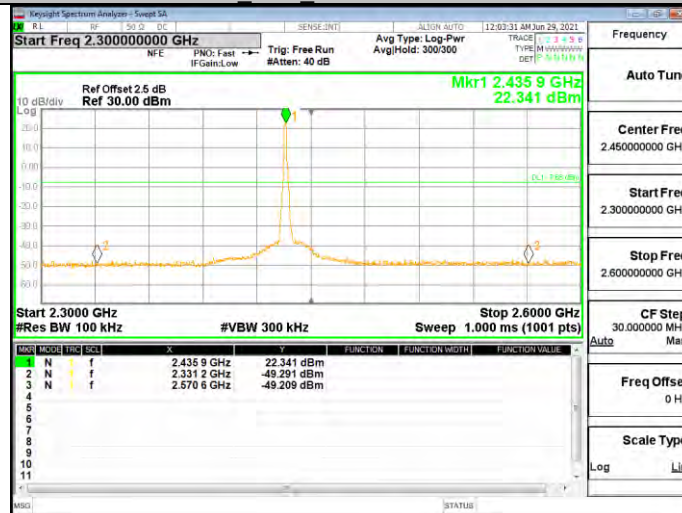
1.4M Ant1 2403.5 ~Reference



1.4M Ant1 2403.5 30~26500

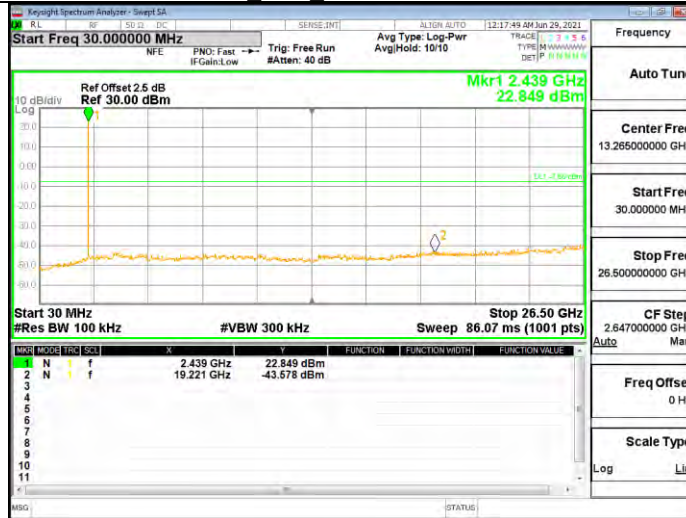


1.4M Ant1 2435.5 ~Reference

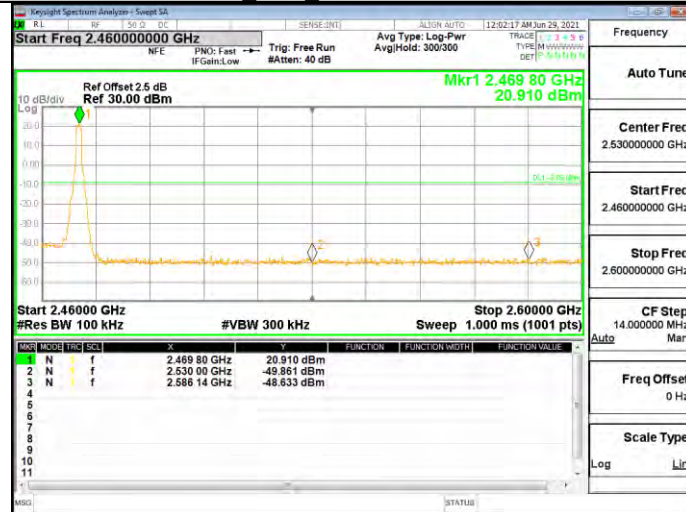




1.4M Ant1 2435.5 30~26500



1.4M Ant1 2469.5~Reference

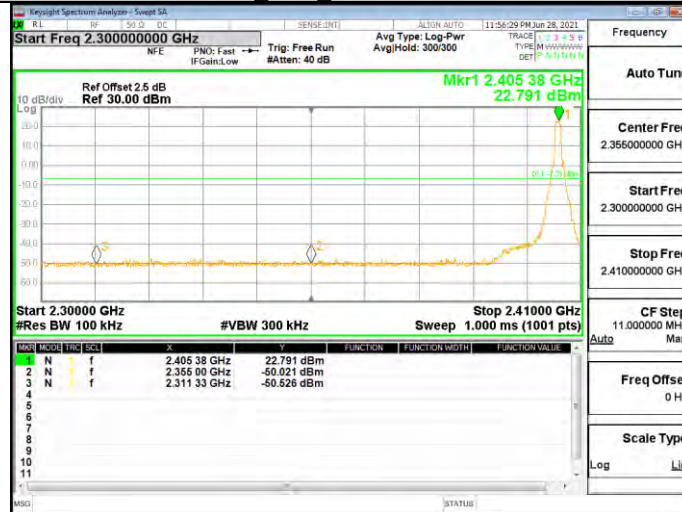


1.4M Ant1 2469.5 30~26500

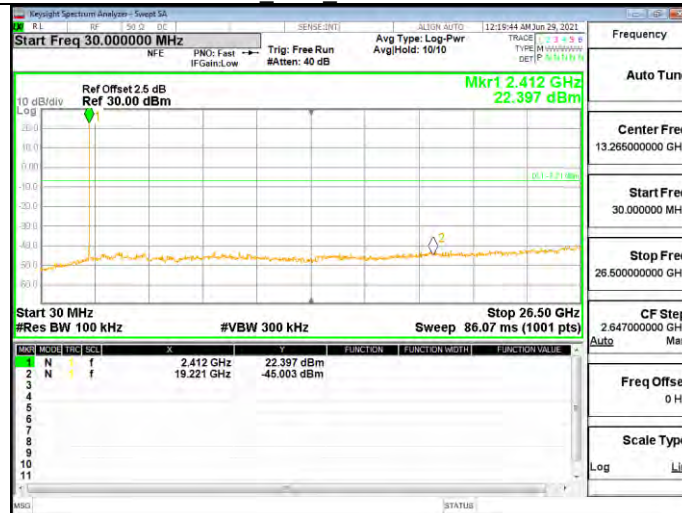




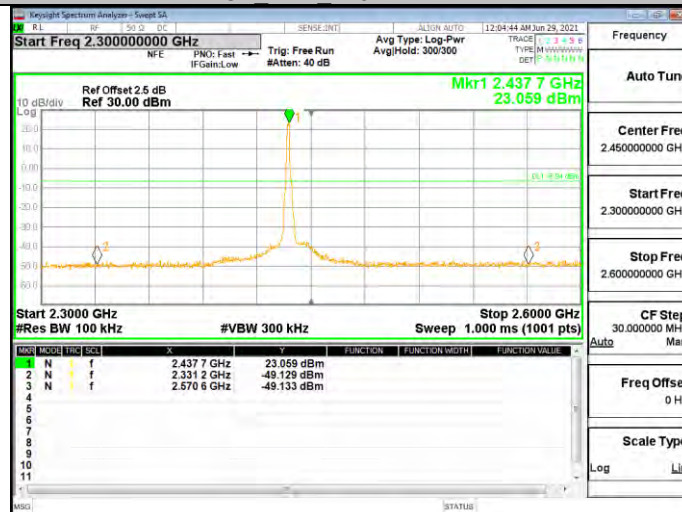
1.4M CA Ant1 2405.12~Reference



1.4M CA Ant1 2405.12 30~26500

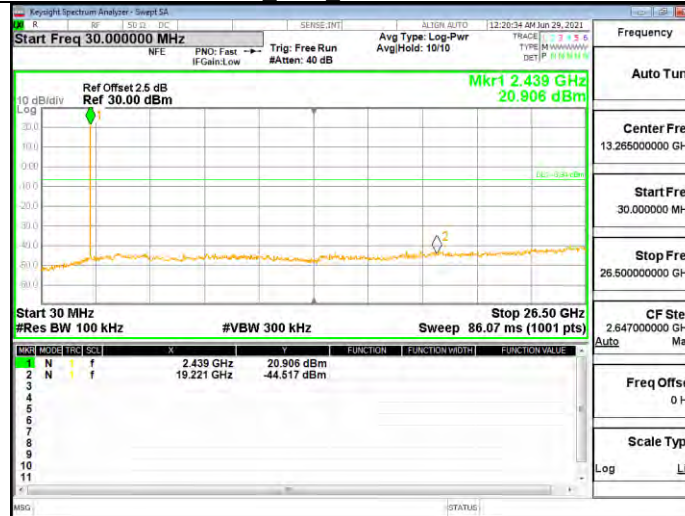


1.4M CA Ant1 2437.12~Reference

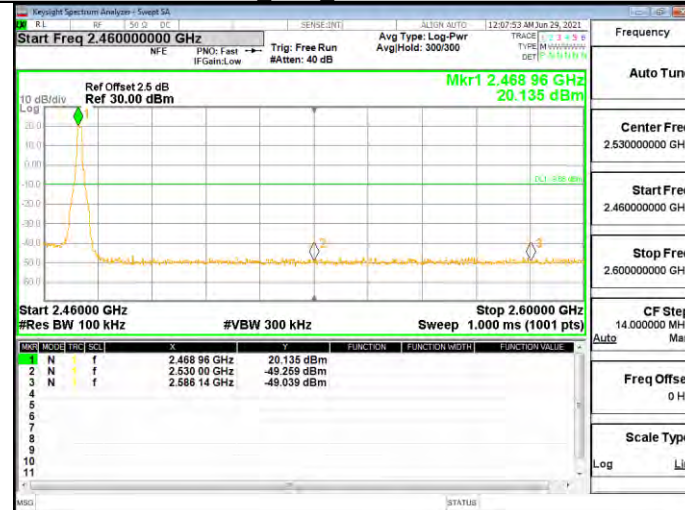




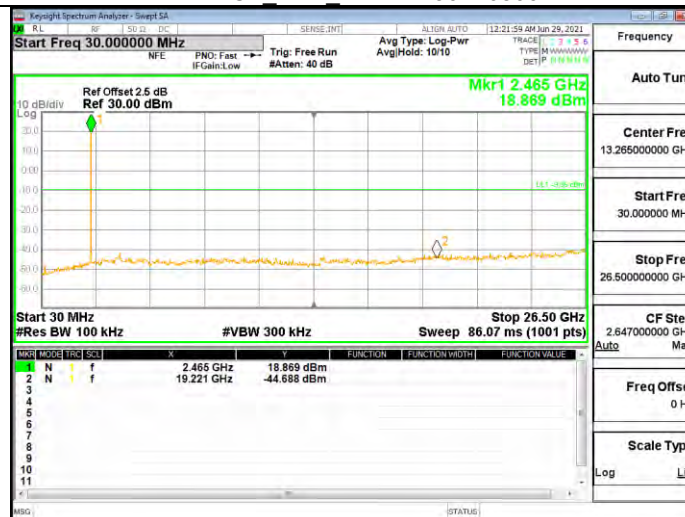
1.4M CA Ant1 2437.12 30~26500



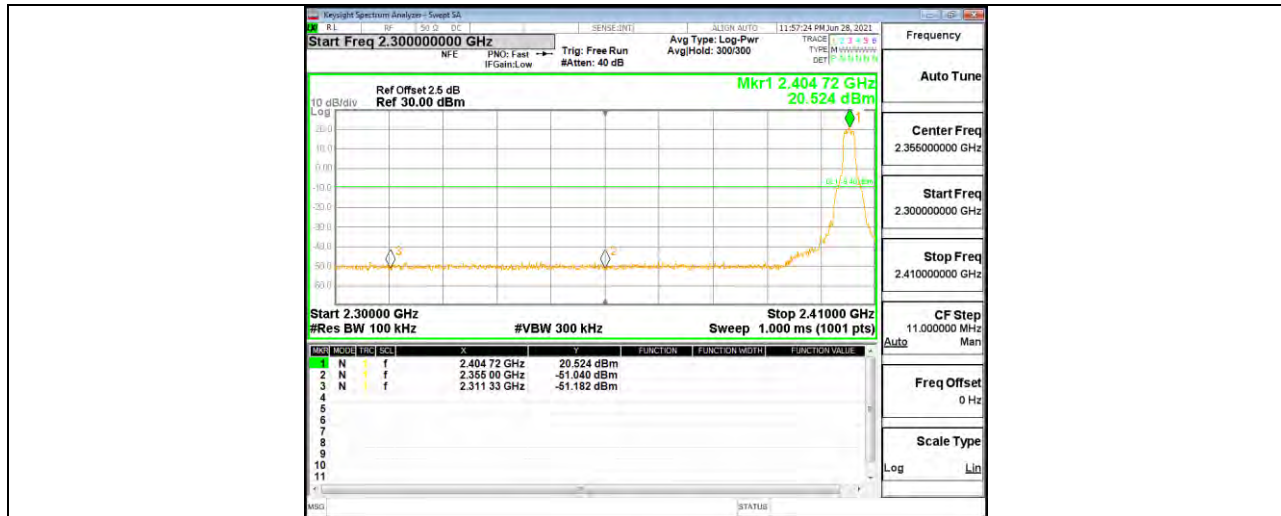
1.4M CA Ant1 2471.12~Reference



1.4M CA Ant1 2471.12 30~26500



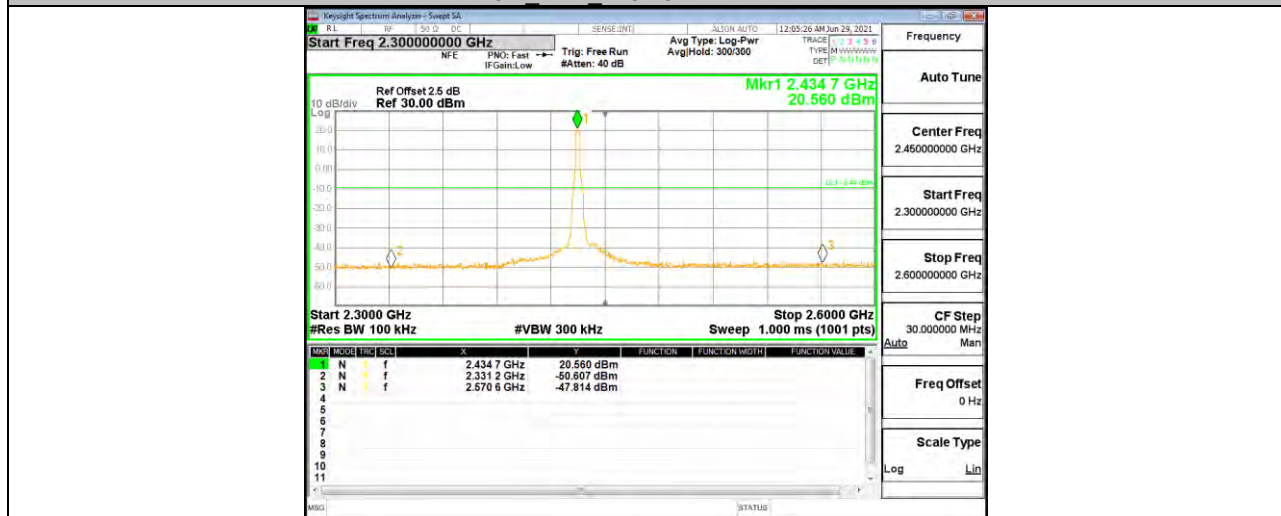
3M_Ant1_2404.5~Reference



3M Ant1 2404.5 30~26500

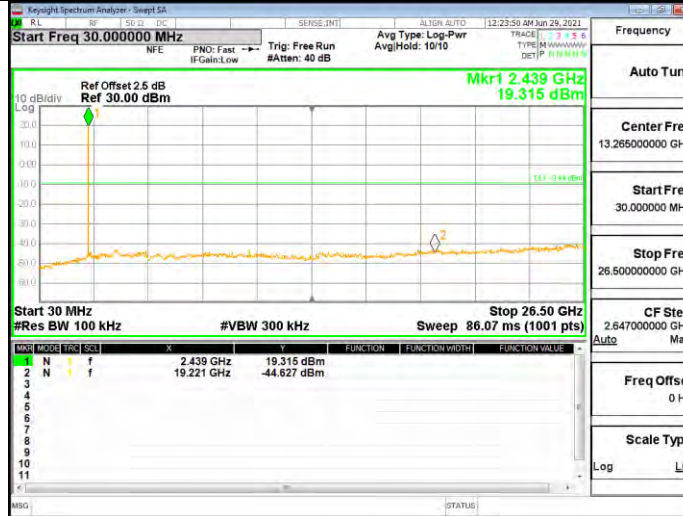


3M Ant1 2434.5~Reference

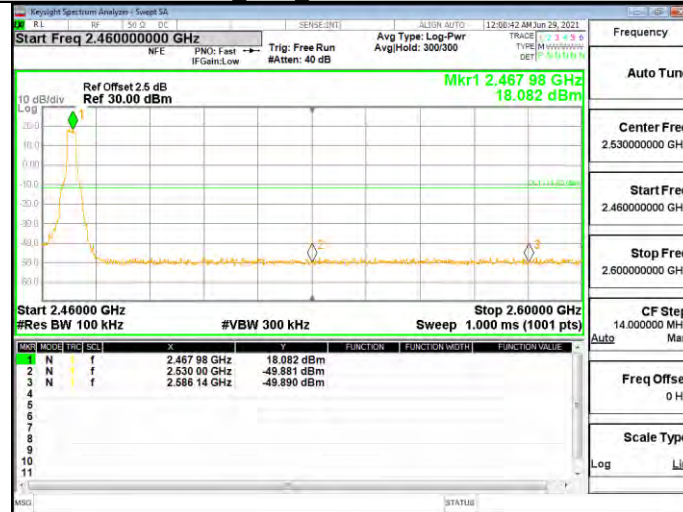




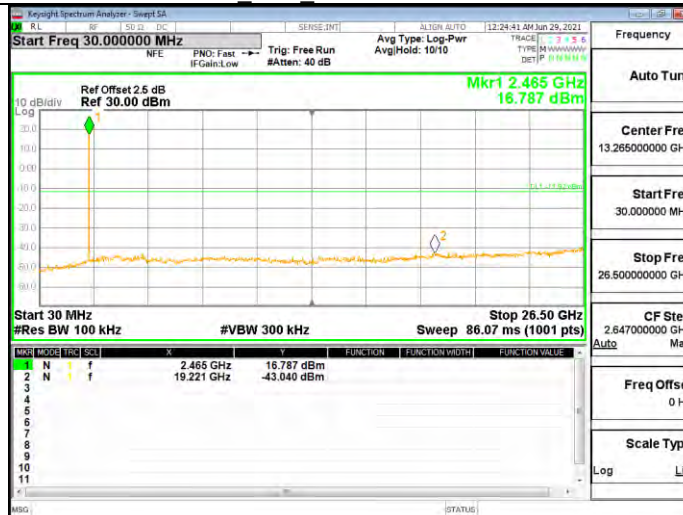
3M Ant1 2434.5 30~26500



3M Ant1 2467.5~Reference

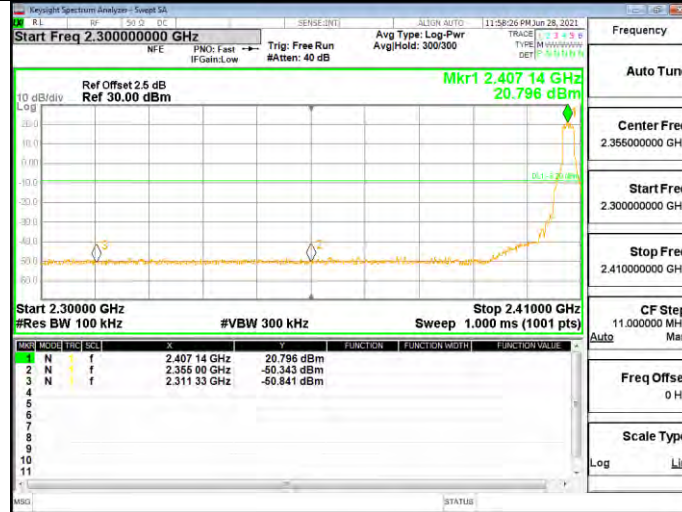


3M Ant1 2467.5 30~26500

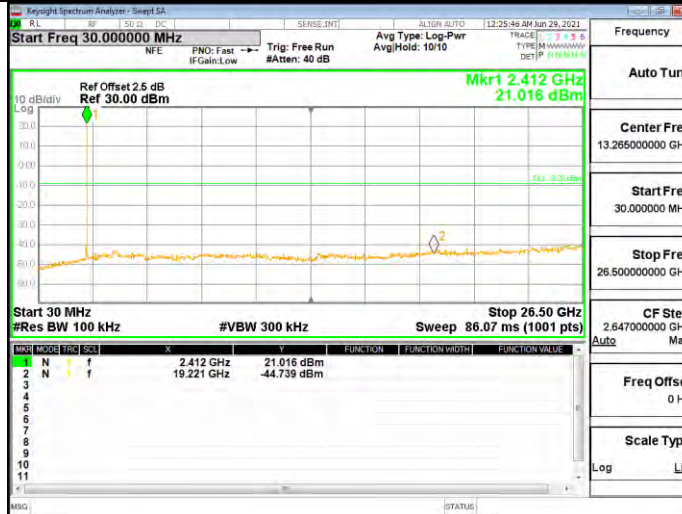




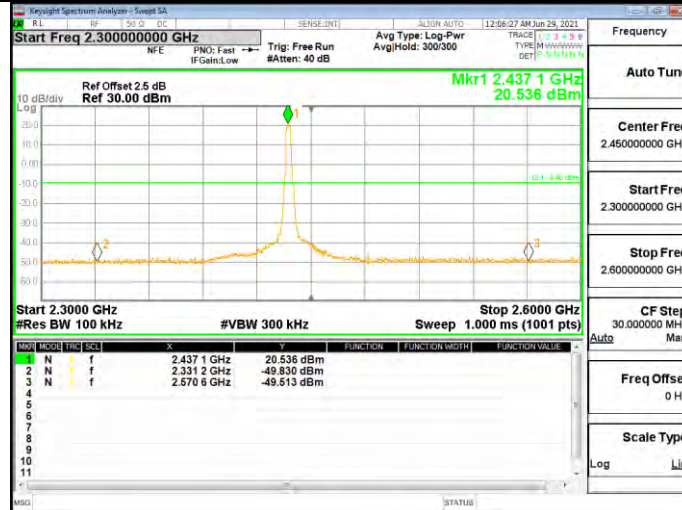
3M CA Ant1 2407.2~Reference



3M CA Ant1 2407.2 30~26500

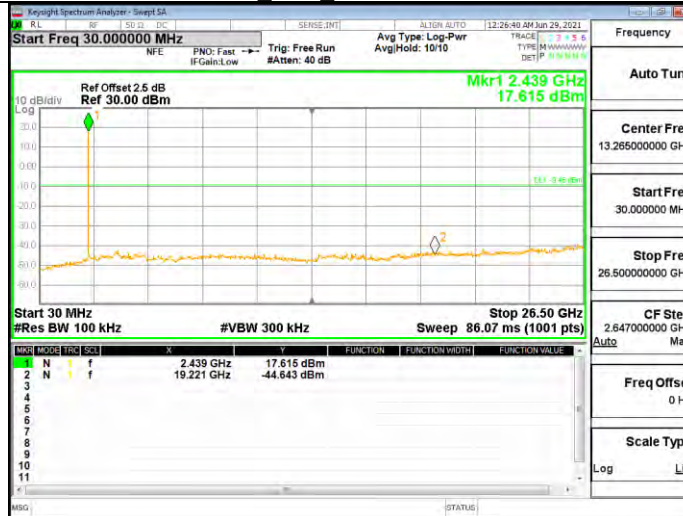


3M CA Ant1 2437.2~Reference





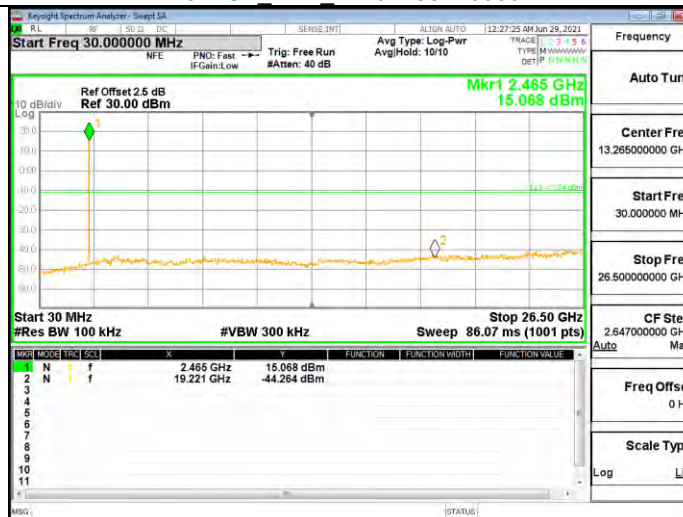
3M CA Ant1 2437.2 30~26500



3M CA Ant1 2470.2~Reference



3M CA Ant1 2470.2 30~26500



Note: All the modes had been tested, but only the worst data was recorded in the report.

**11.7. Appendix G: Duty Cycle****11.7.1. Test Result**

Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
10M	1	1	1.0000	100.00	0.00	1.00	0.01
20M	1	1	1.0000	100.00	0.00	1.00	0.01
40M	1	1	1.0000	100.00	0.00	1.00	0.01
1.4M	1	1	1.0000	100.00	0.00	1.00	0.01
1.4M CA	1	1	1.0000	100.00	0.00	1.00	0.01
3M	1	1	1.0000	100.00	0.00	1.00	0.01
3M CA	1	1	1.0000	100.00	0.00	1.00	0.01

Note:

Duty Cycle Correction Factor=10log (1/x).

Where: x is Duty Cycle (Linear)

Where: T is On Time

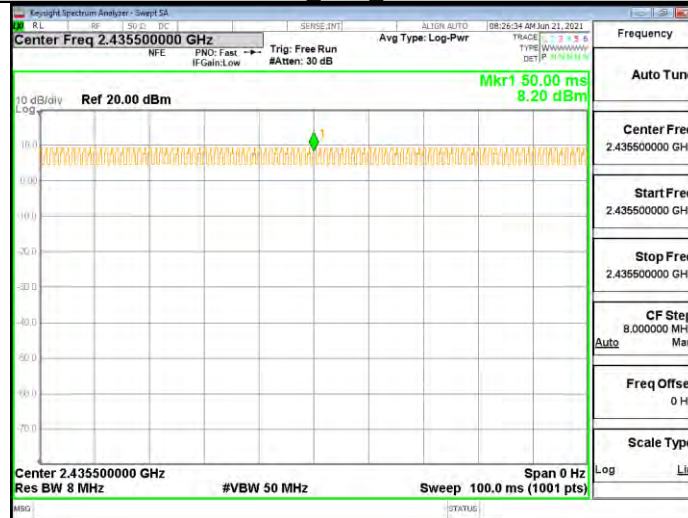
If that calculated VBW is not available on the analyzer then the next higher value should be used.

11.7.2. Test Graphs

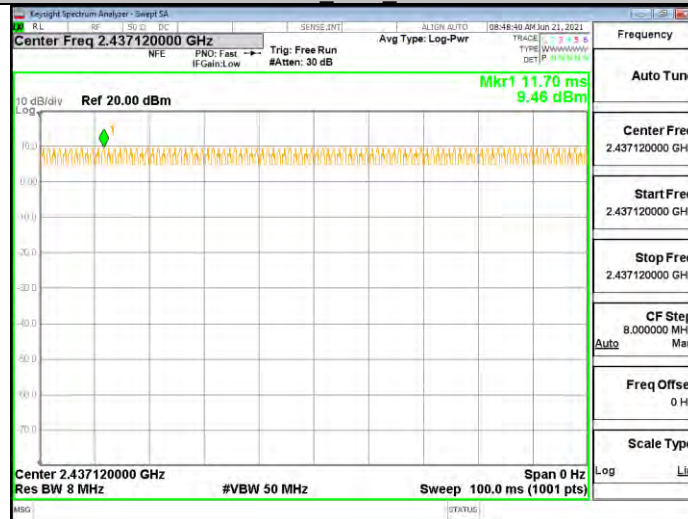




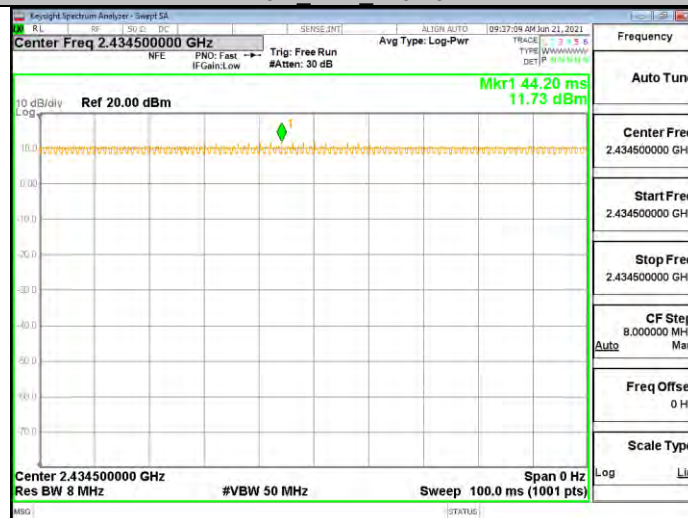
1.4M Ant1 2435.5

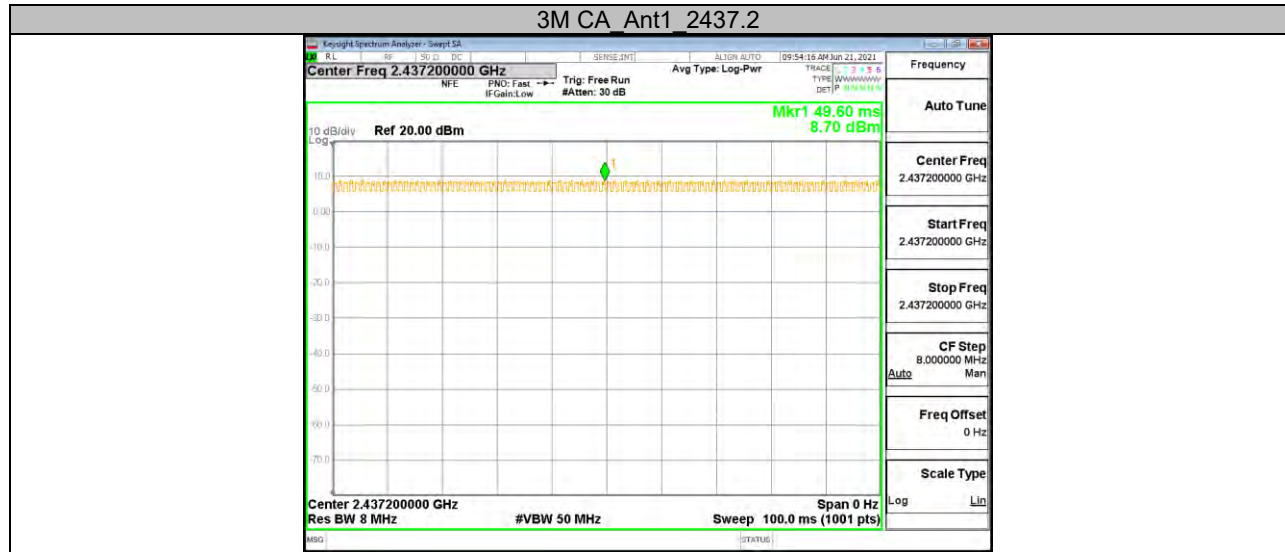


1.4M CA Ant1 2437.12



3M Ant1 2434.5





END OF REPORT