

**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**

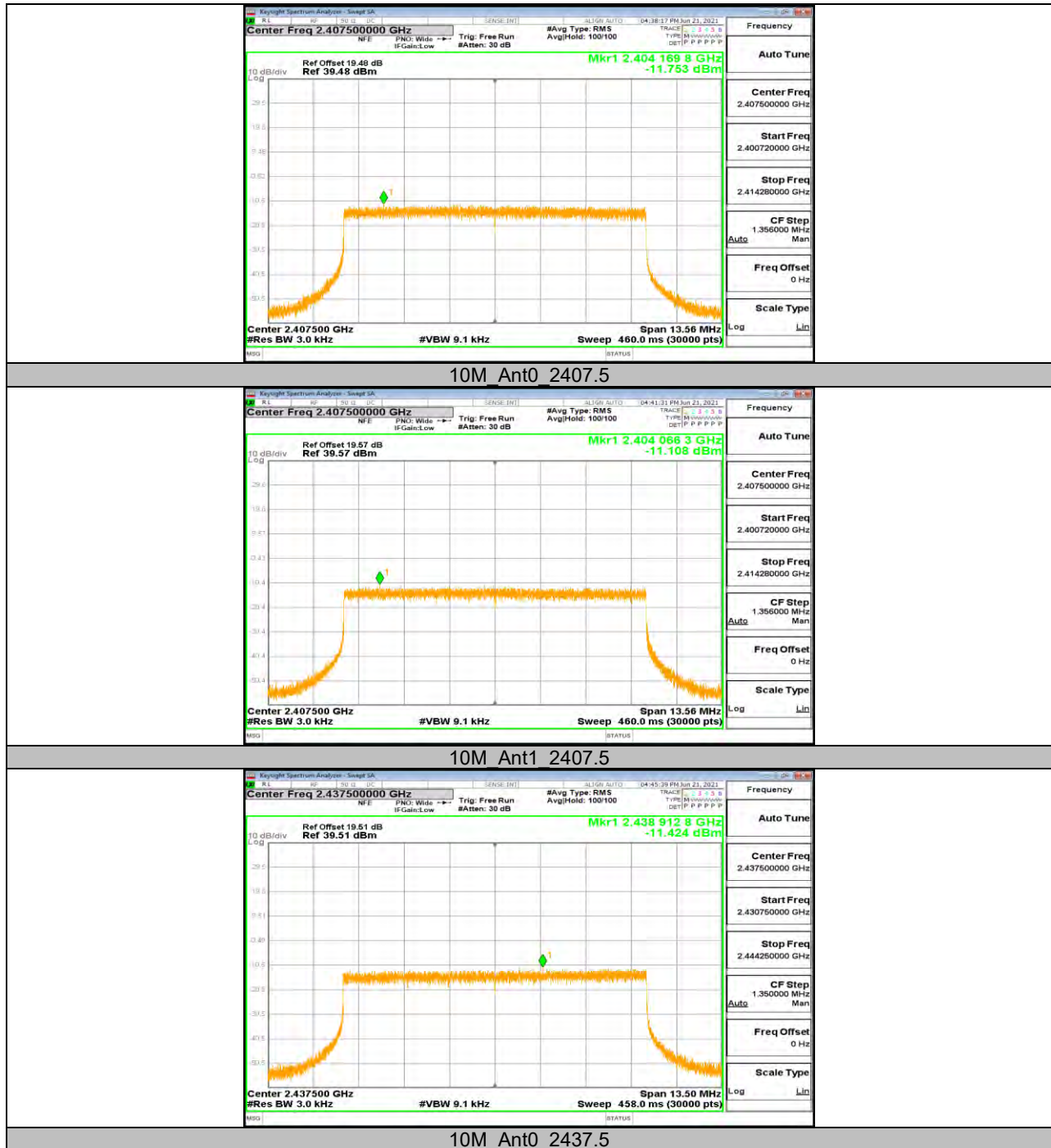
Test Mode	Antenna	Channel	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
10M	Ant0	2407.5	-11.75	<=8	PASS
	Ant1	2407.5	-11.11	<=8	PASS
	total	2407.5	-8.14	<=8	
	Ant0	2437.5	-11.42	<=8	PASS
	Ant1	2437.5	-11.71	<=8	PASS
	total	2437.5	-8.55	<=8	
	Ant0	2467.5	-11.87	<=8	PASS
	Ant1	2467.5	-11.25	<=8	PASS
	total	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

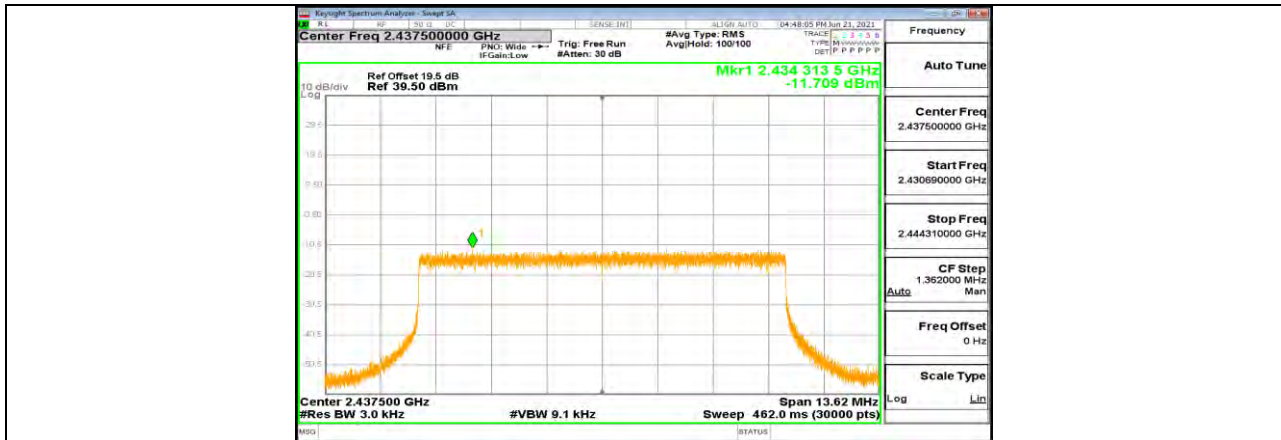


	Ant0	2467.5	2.00	<=8	PASS
	Ant1	2467.5	2.36	<=8	PASS
	total	2467.5	5.19	<=8	PASS
3M CA	Ant0	2407.2	2.05	<=8	PASS
	Ant1	2407.2	2.04	<=8	PASS
	total	2407.2	5.05	<=8	PASS
	Ant0	2437.2	1.88	<=8	PASS
	Ant1	2437.2	2.56	<=8	PASS
	total	2437.2	5.24	<=8	PASS
	Ant0	2470.2	1.00	<=8	PASS
	Ant1	2470.2	-0.56	<=8	PASS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

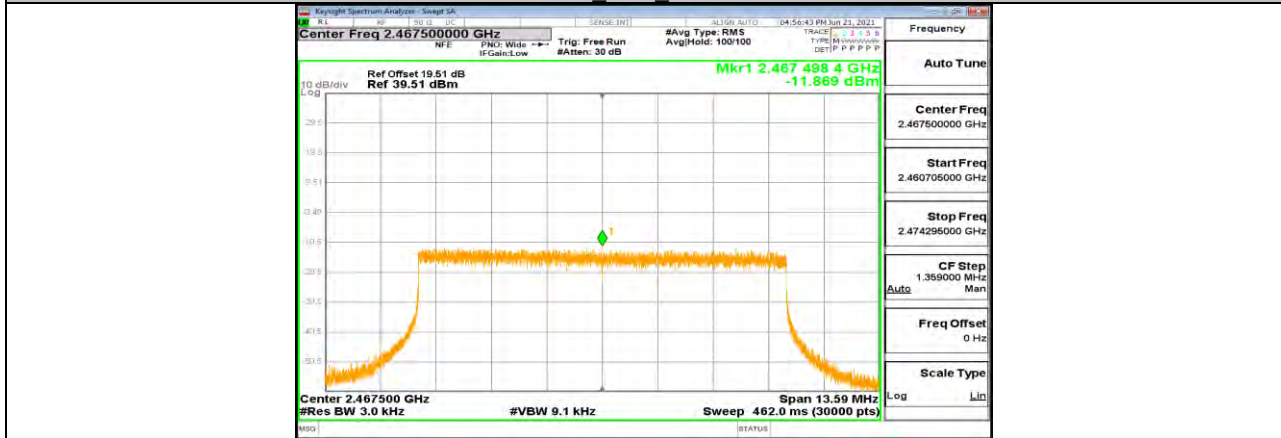
Note: All the modes had been tested, but only the worst data was recorded in the report.

### 11.4.2. Test Graphs

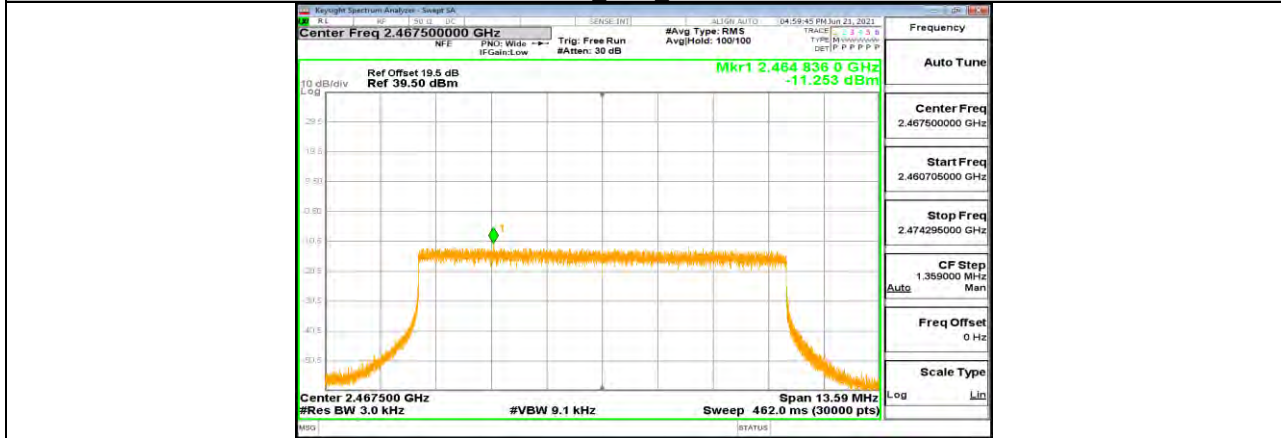




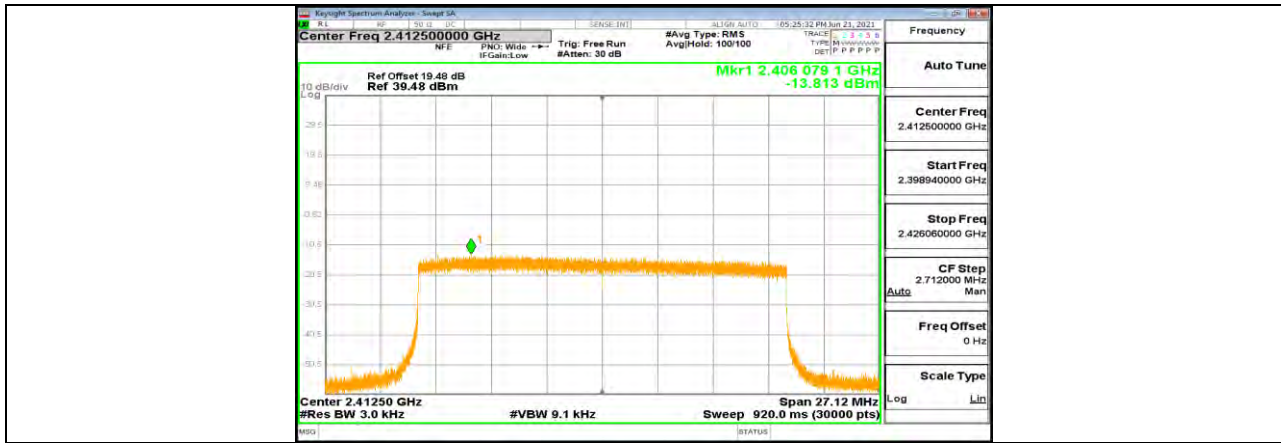
10M Ant1 2437.5



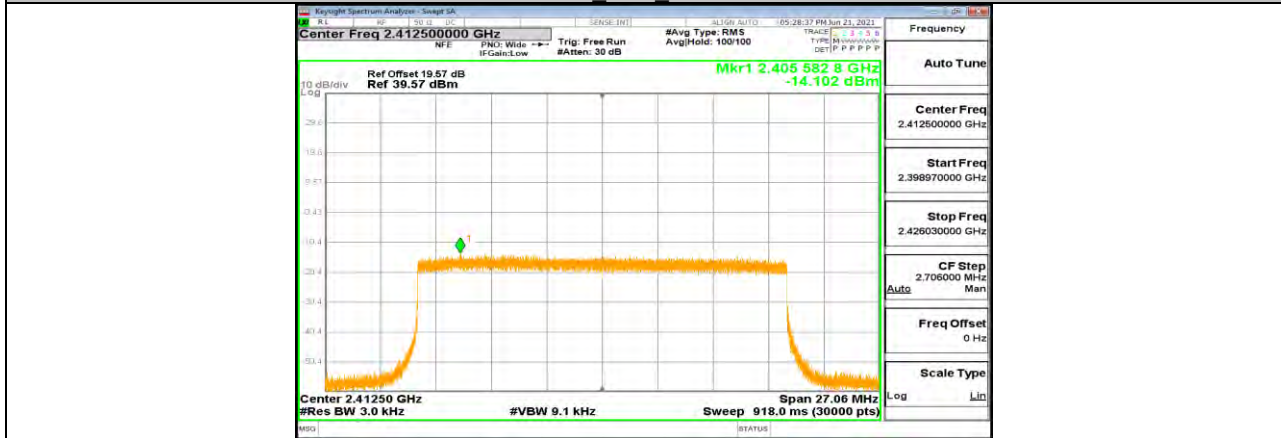
10M Ant0 2467.5



10M Ant1 2467.5



20M Ant0 2412.5

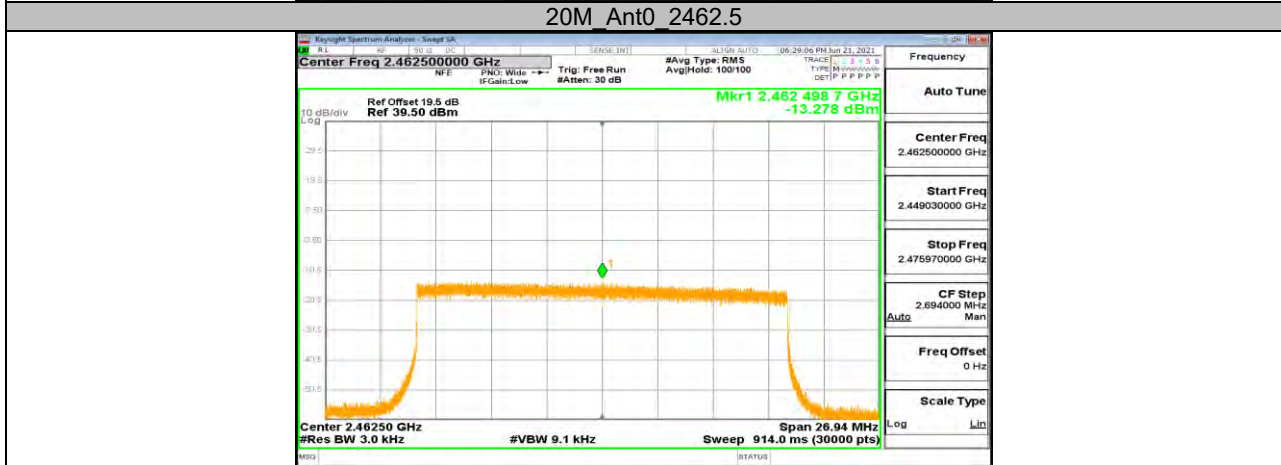
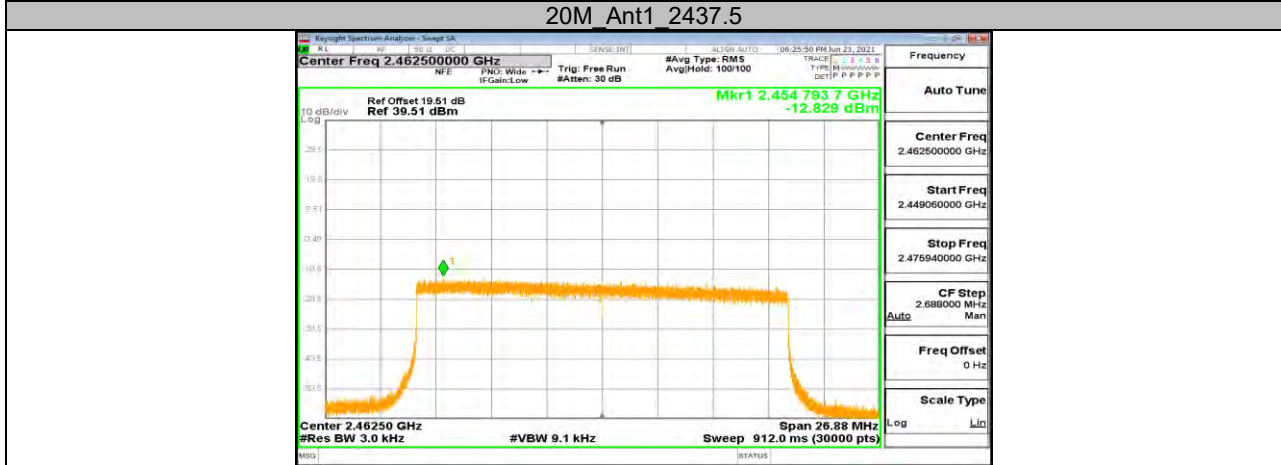
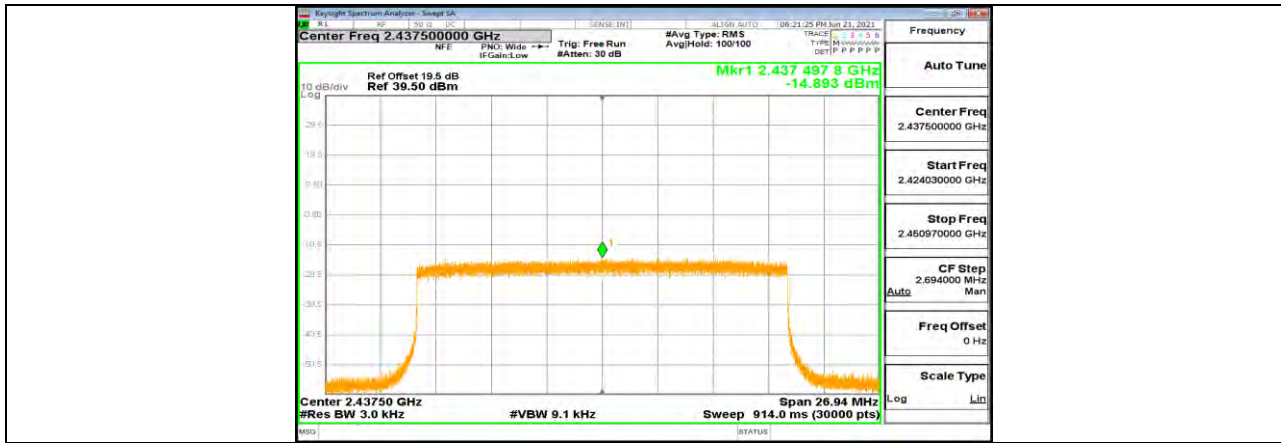


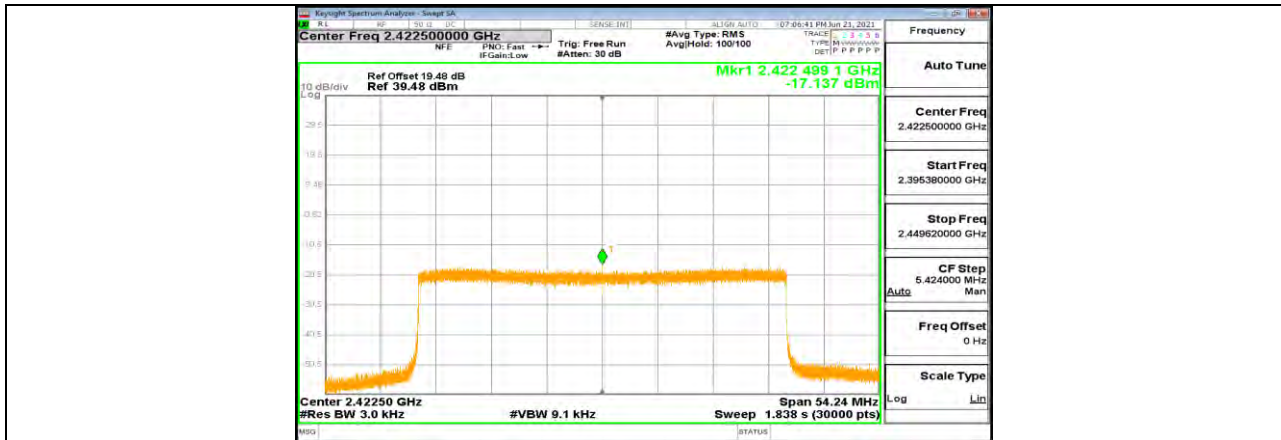
20M Ant1 2412.5



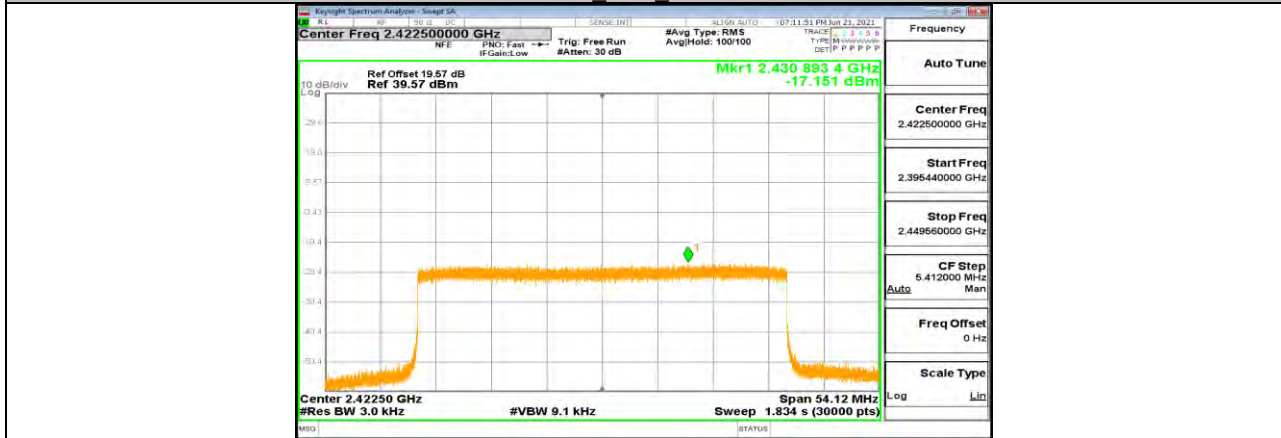
20M Ant0 2437.5



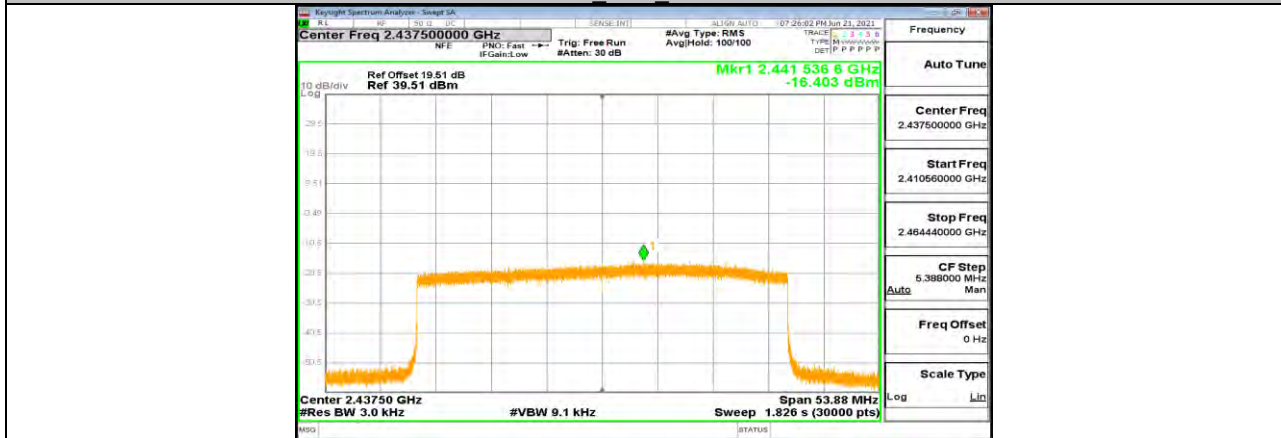




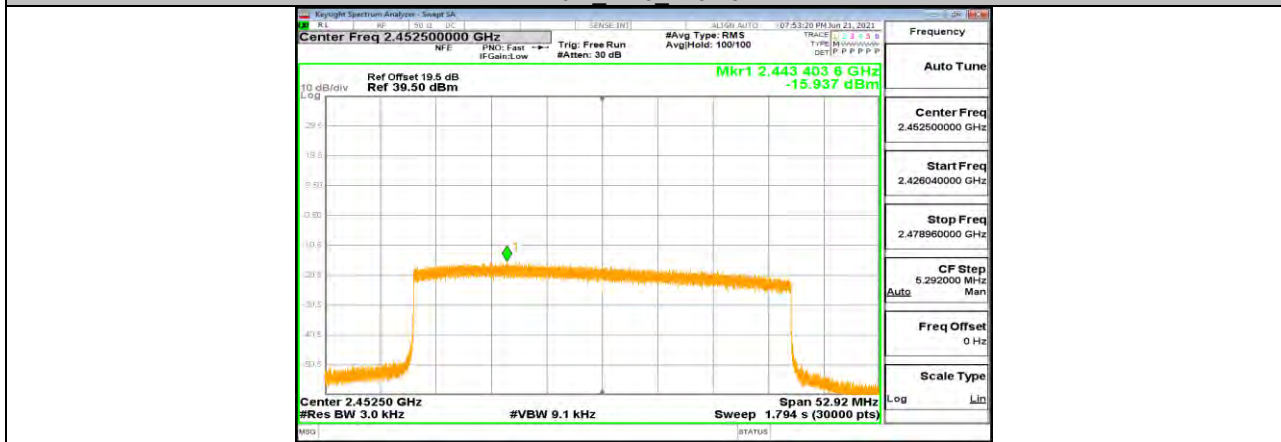
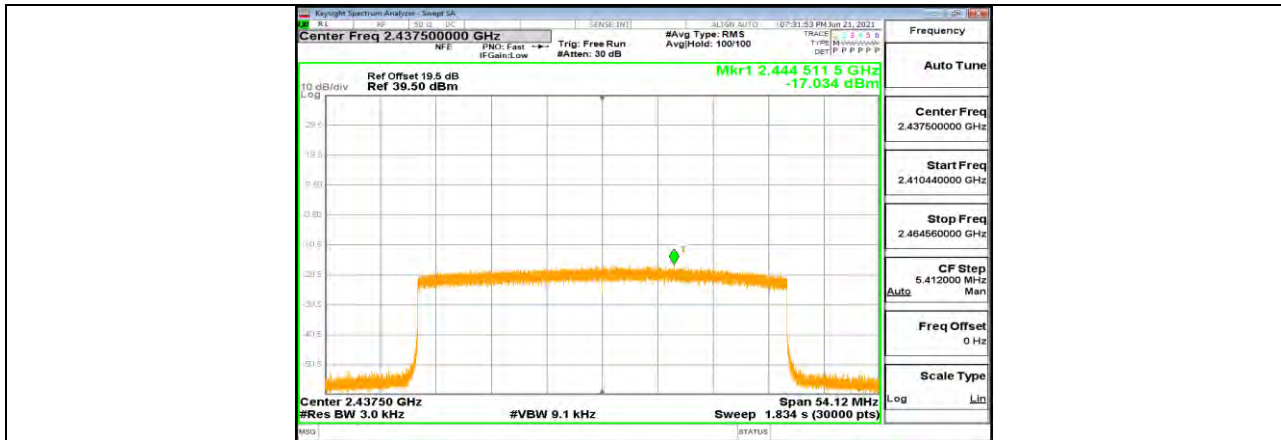
40M Ant0 2422.5

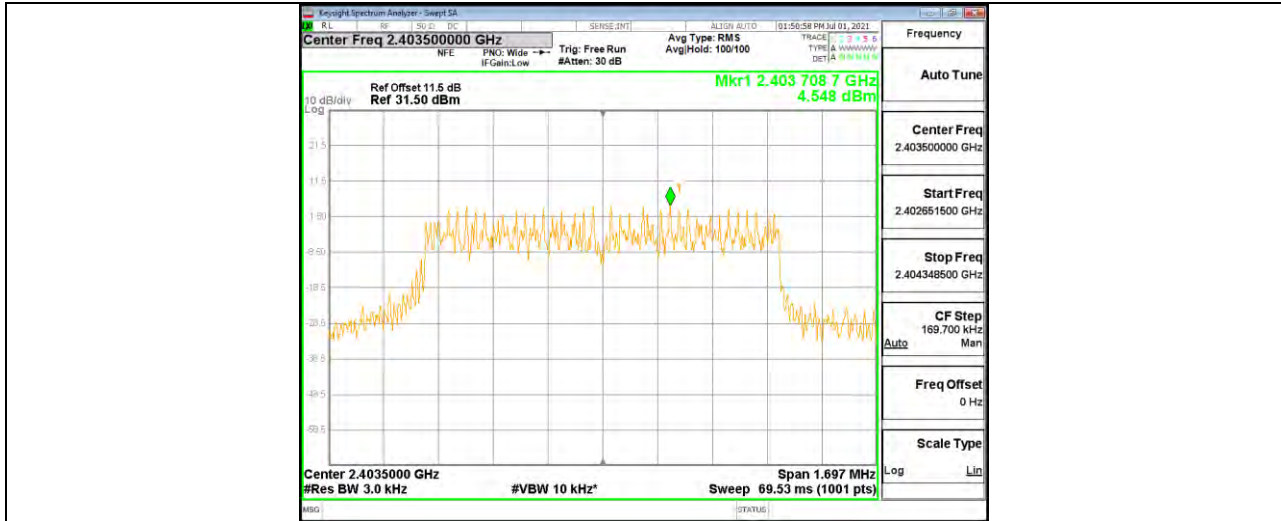


40M Ant1 2422.5

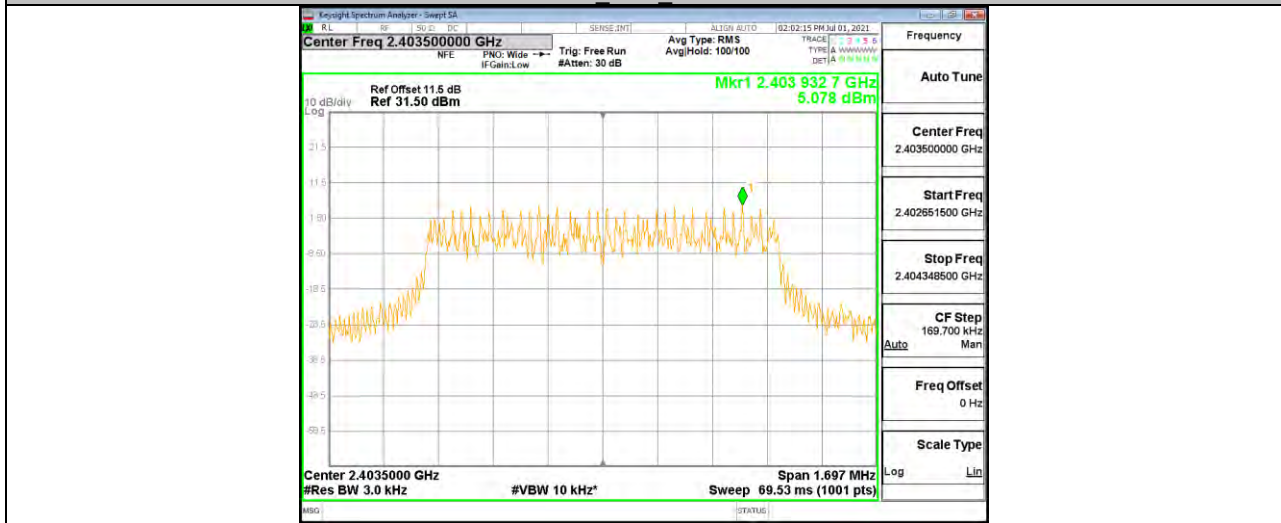


40M Ant0 2437.5





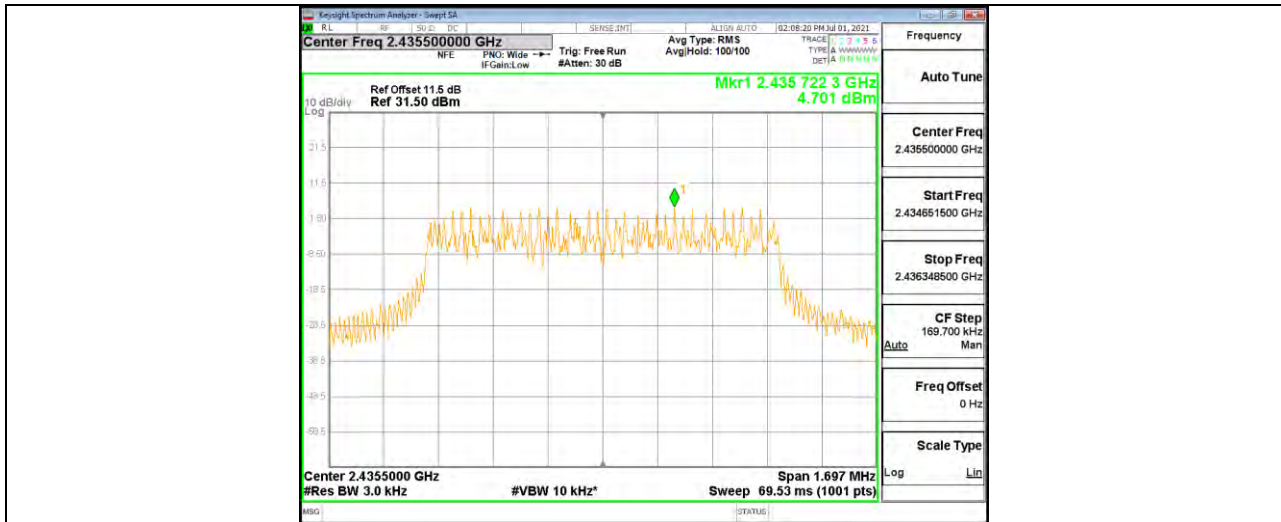
1.4M Ant0 2403.5



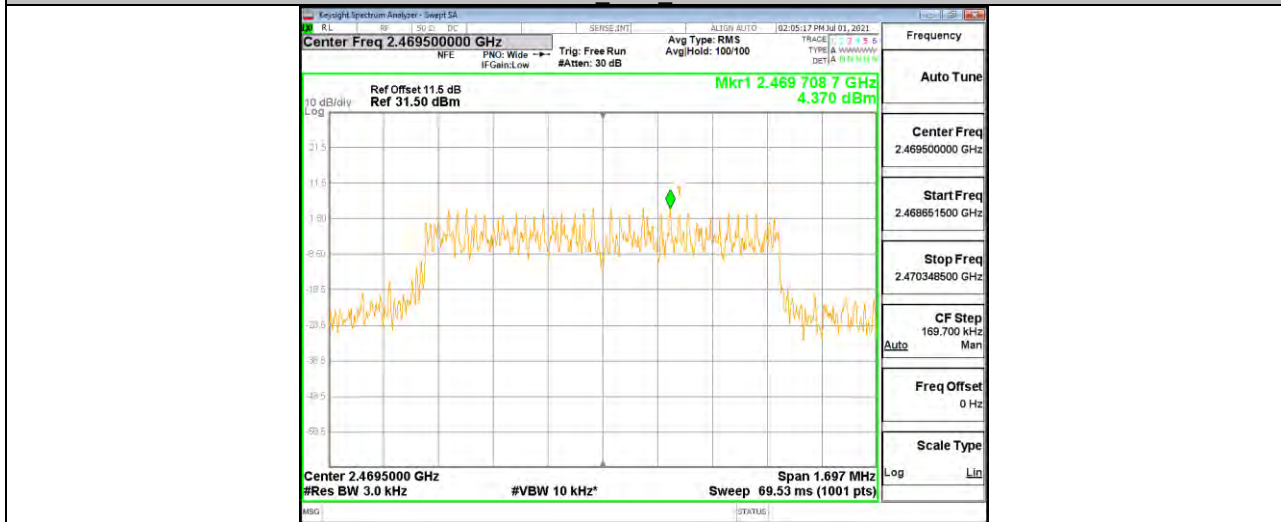
1.4M Ant1 2403.5



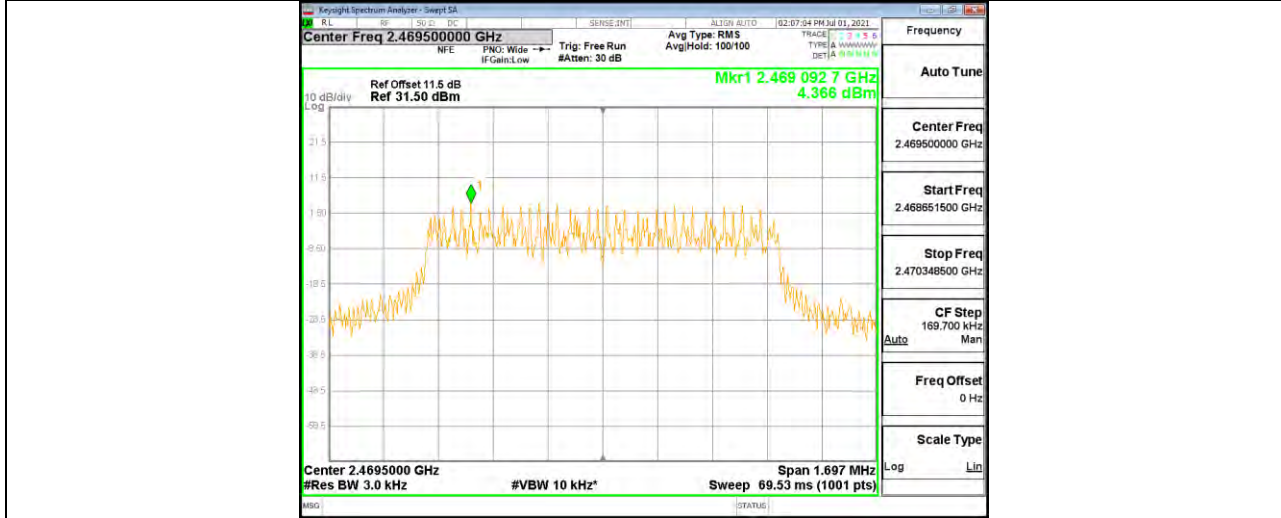
1.4M Ant0 2435.5



1.4M Ant1 2435.5



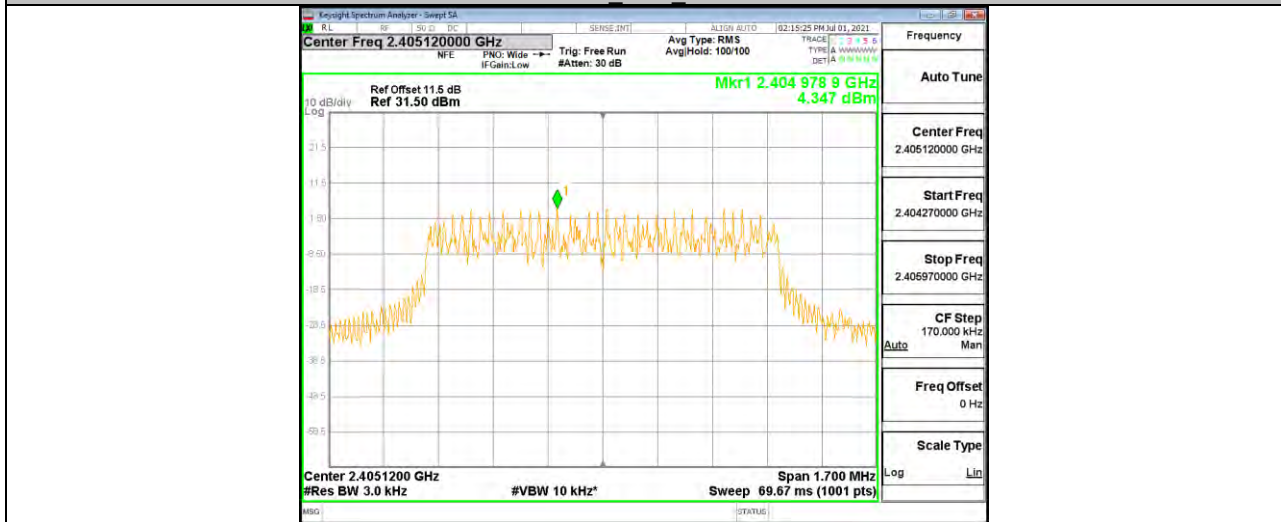
1.4M Ant0 2469.5



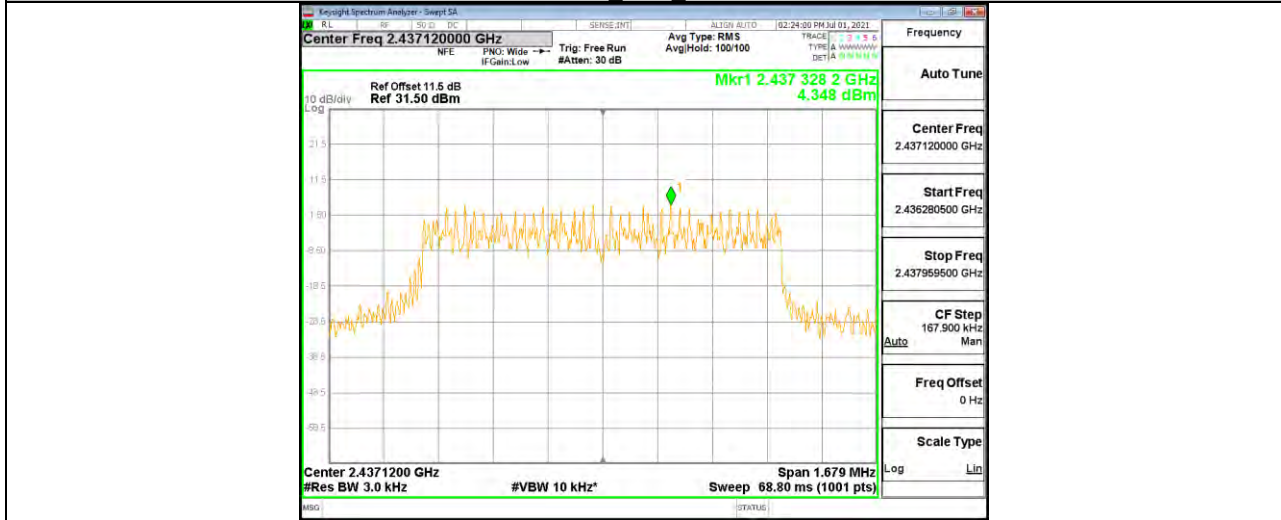
1.4M Ant0 2469.5



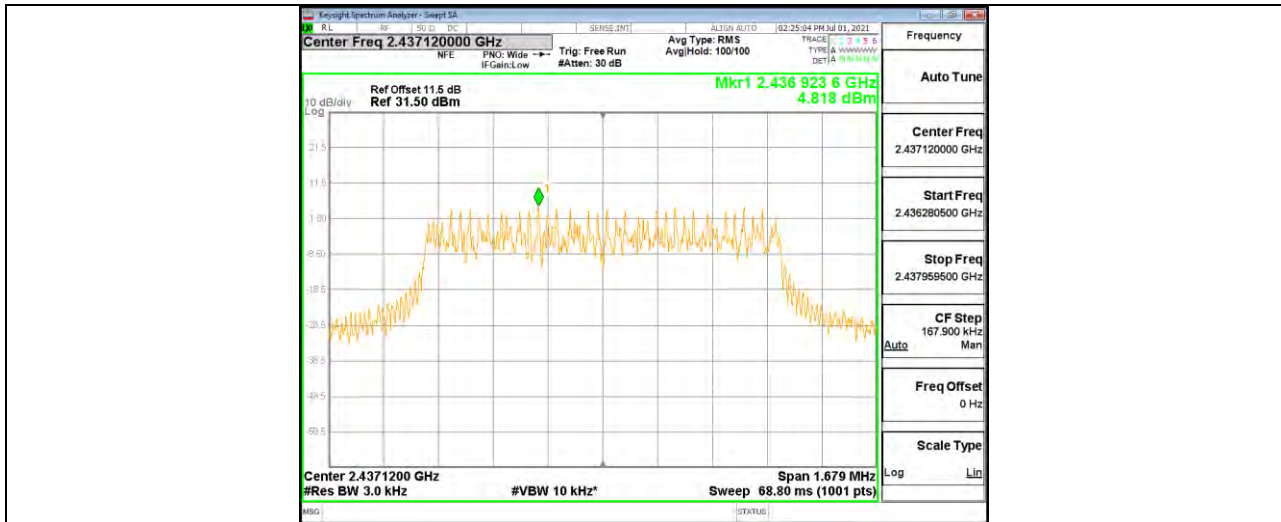
1.4M CA Ant0 2405.12



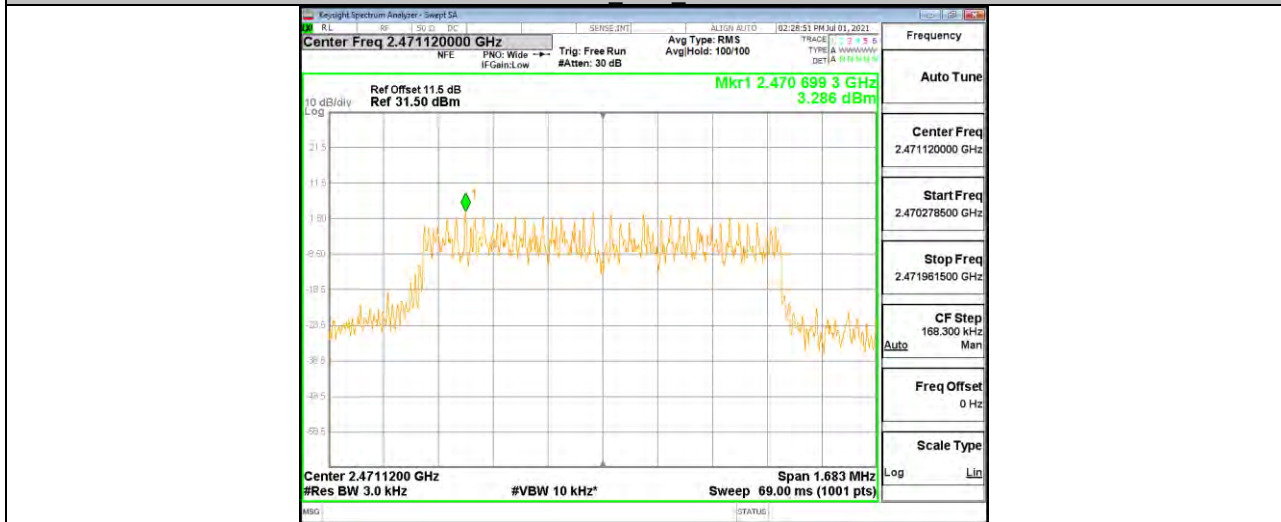
1.4M CA Ant1 2405.12



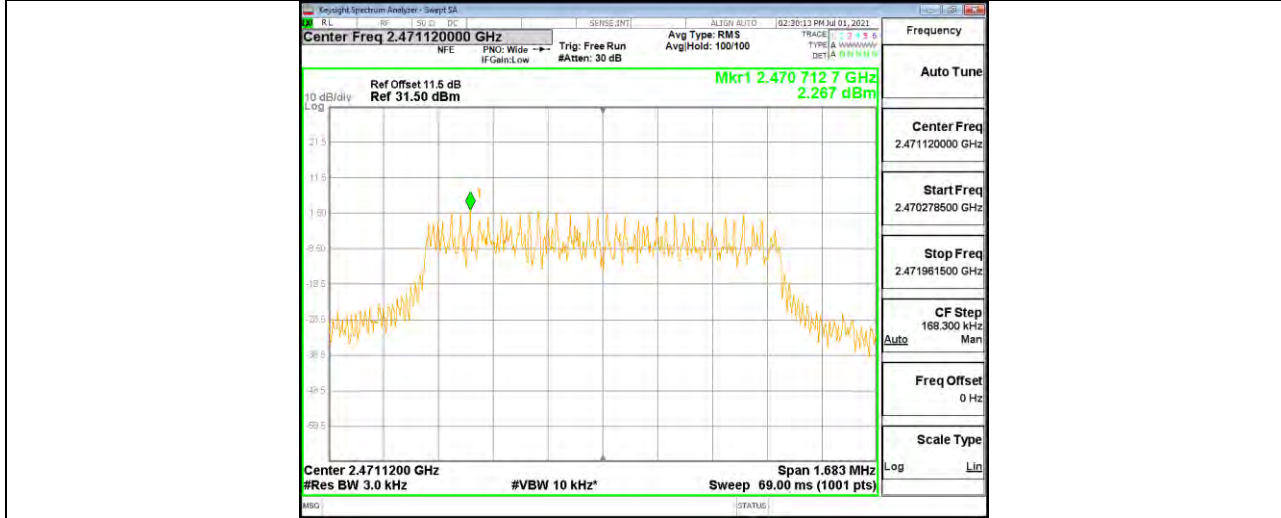
1.4M CA Ant0 2437.12



1.4M CA Ant1 2437.12



1.4M CA Ant0 2471.12



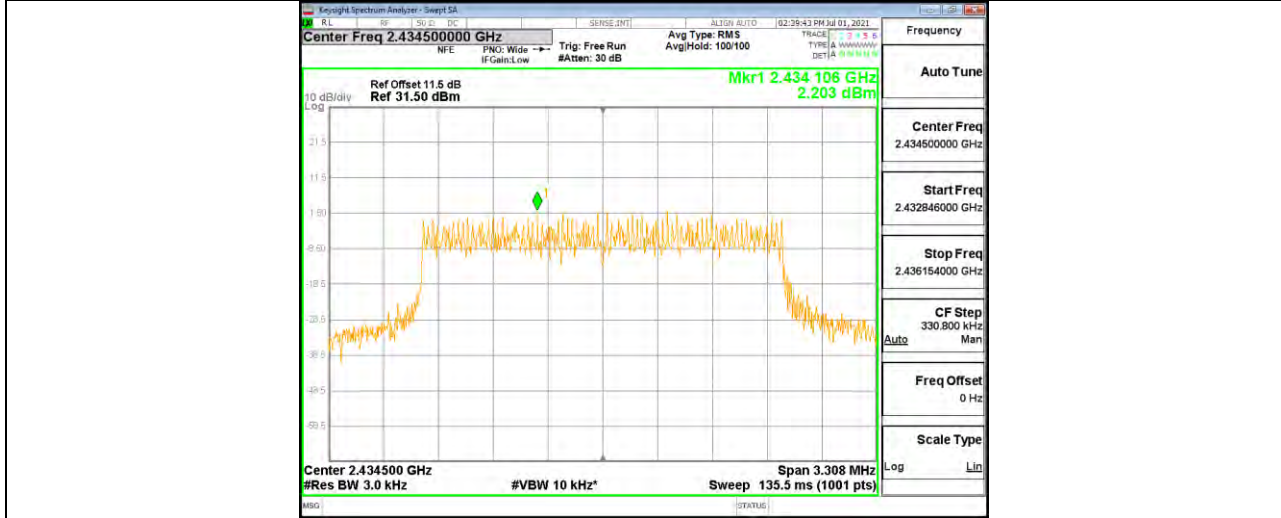
1.4M CA Ant0 2471.12



3M\_Ant0\_2404.5



3M\_Ant1\_2404.5

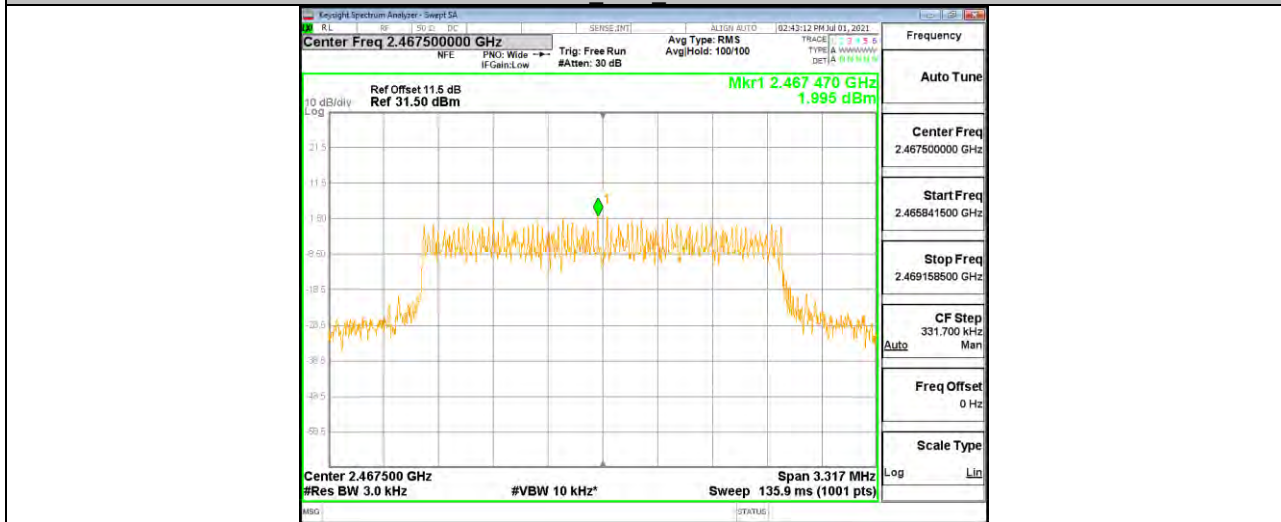


3M\_Ant0\_2434.5





3M\_Ant1\_2434.5



3M\_Ant0\_2467.5



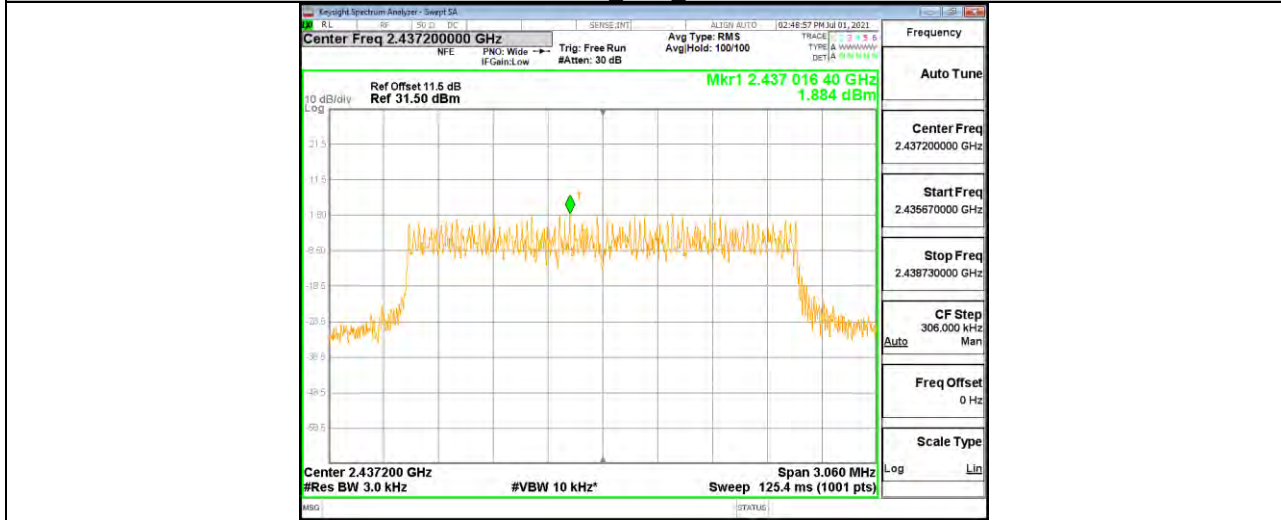
3M\_Ant1\_2467.5



3M CA Ant0 2407.2



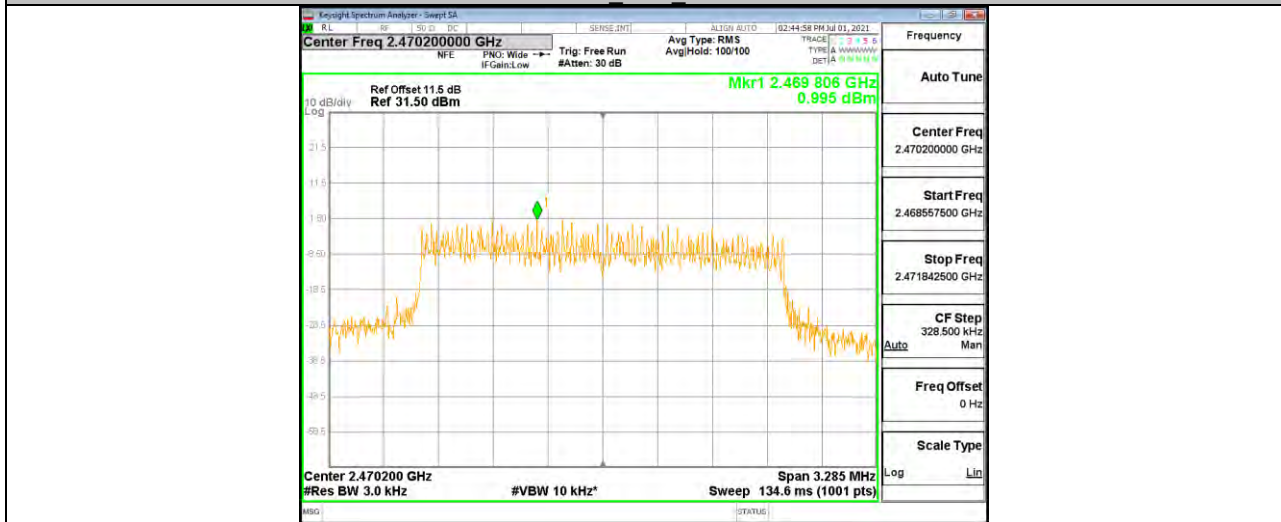
3M CA Ant1 2407.2



3M CA Ant0 2437.2



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





20M Ant1 High 2462.5



40M Ant1 Low 2422.5



40M Ant1 High 2452.5



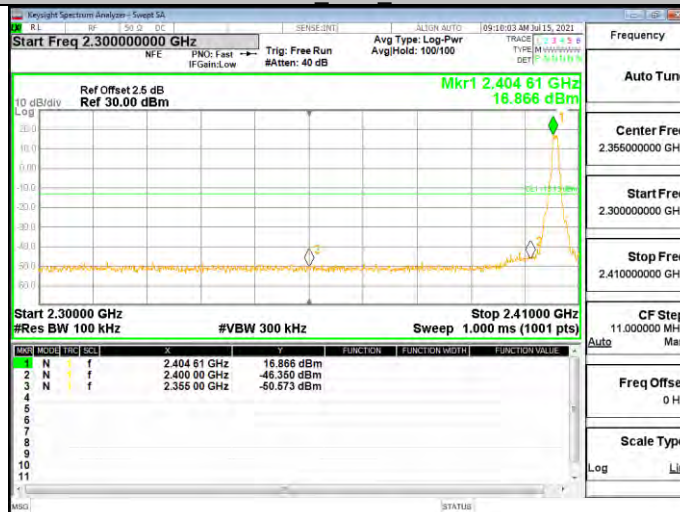
1.4M Ant0 2403.5

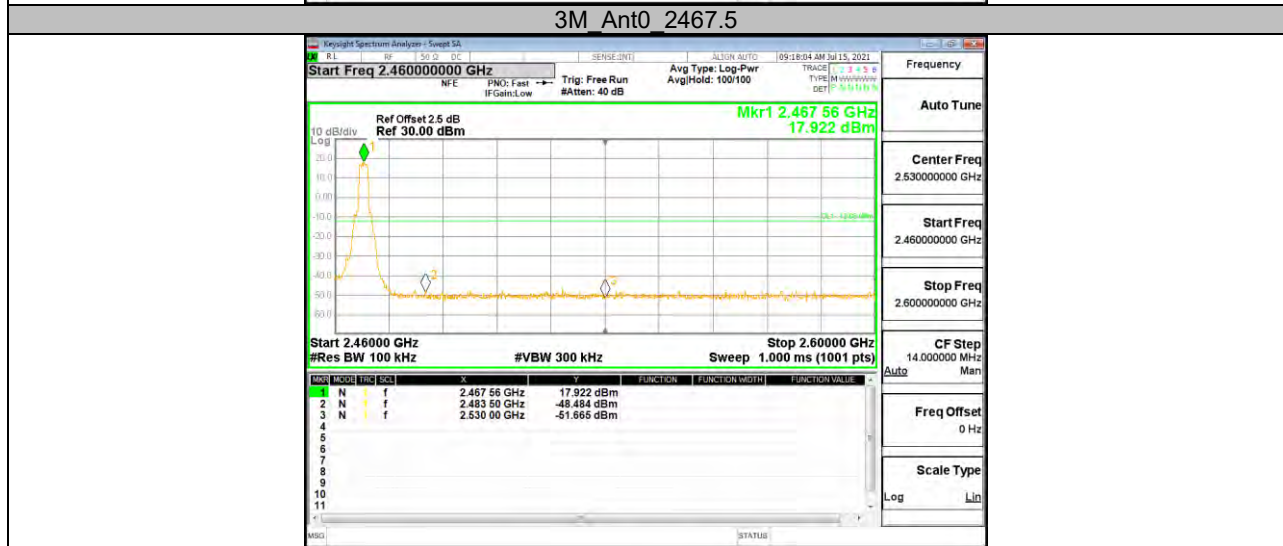
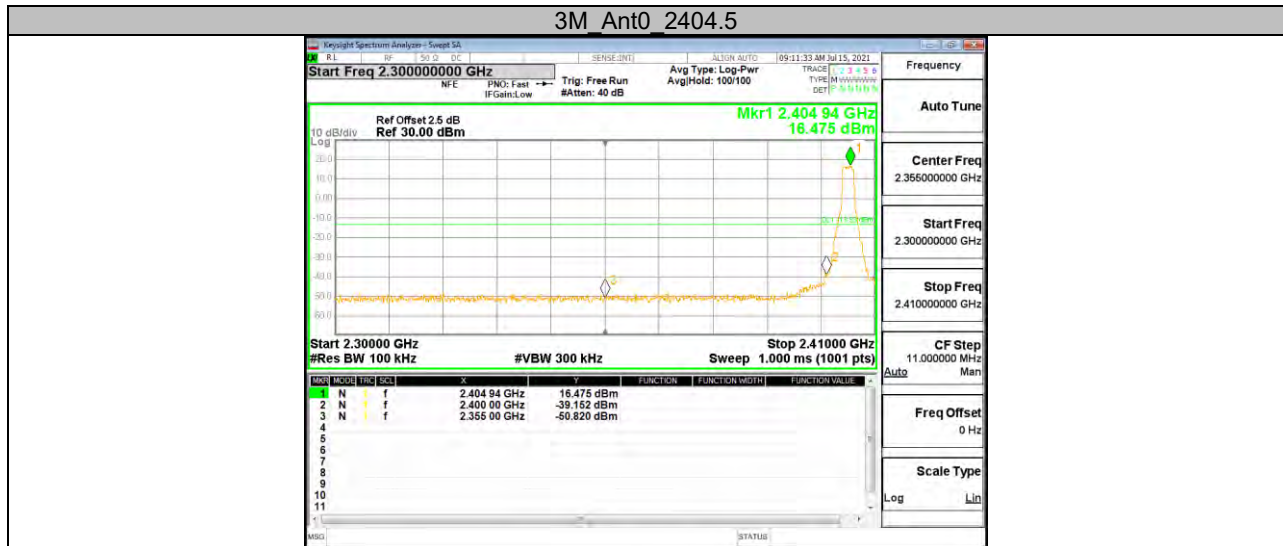
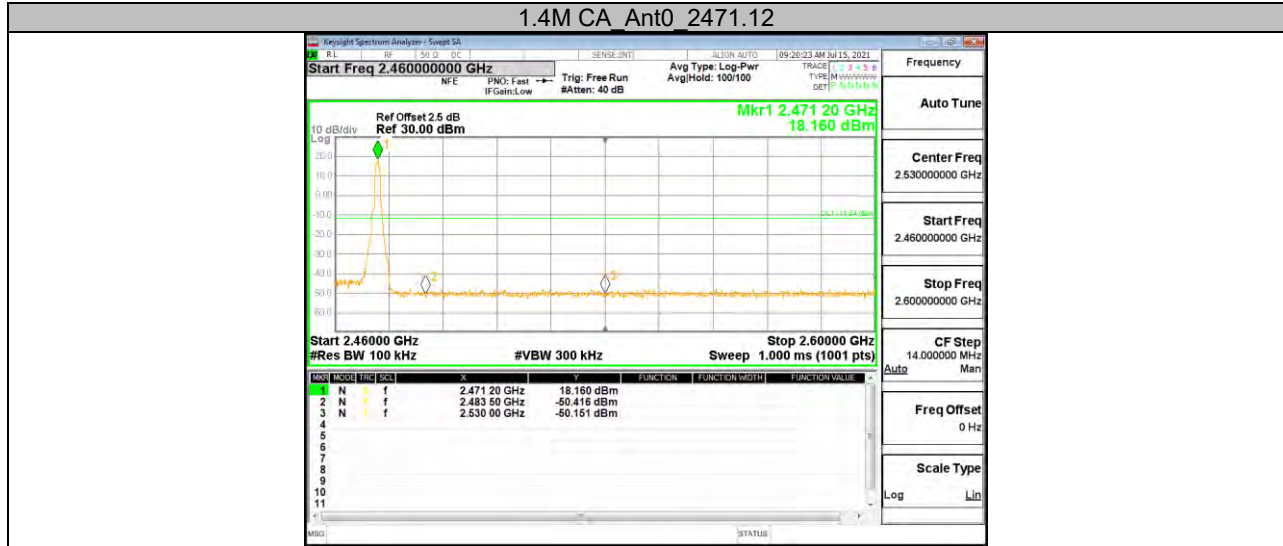


1.4M Ant0 2469.5

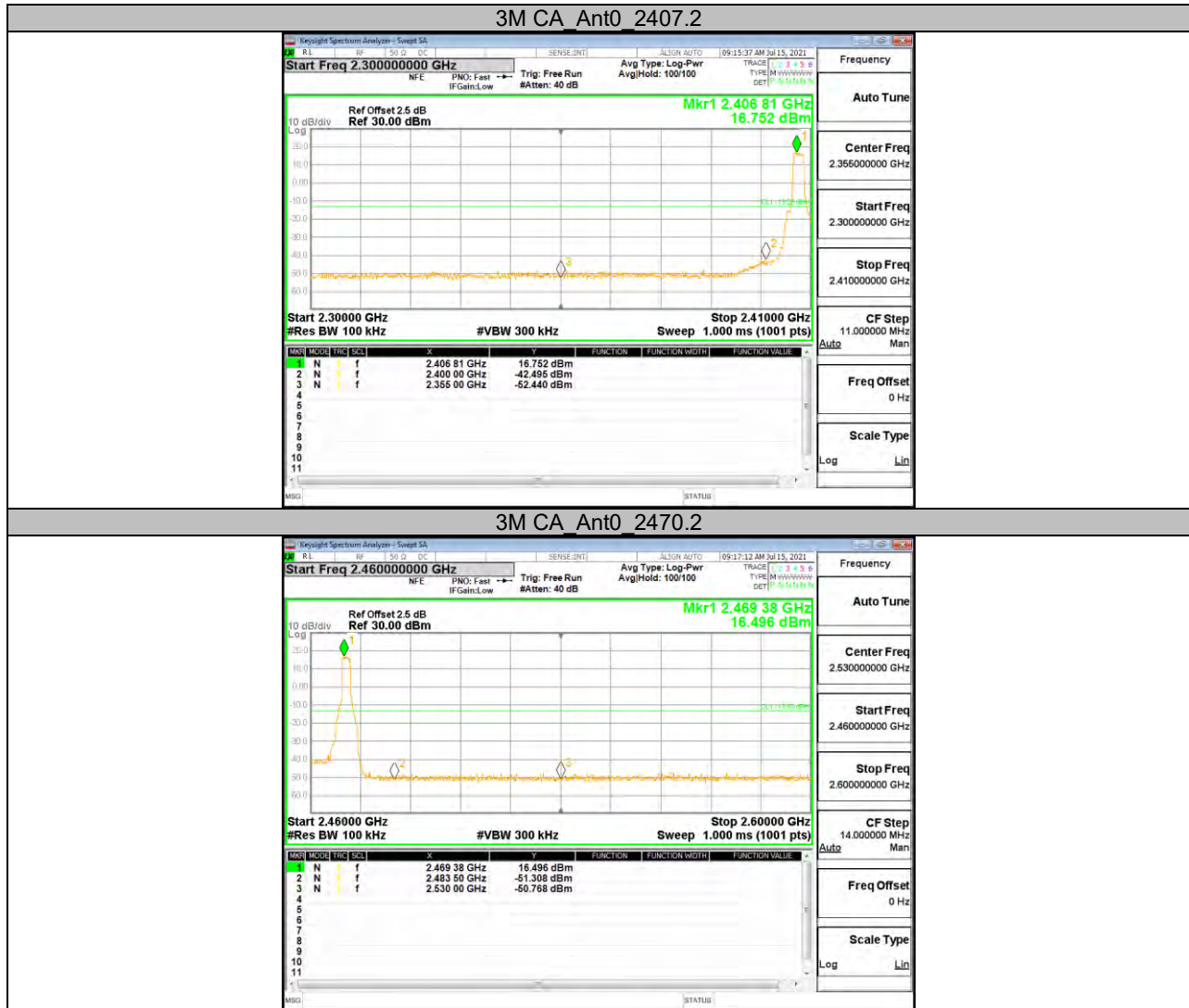


1.4M CA Ant0 2405.12









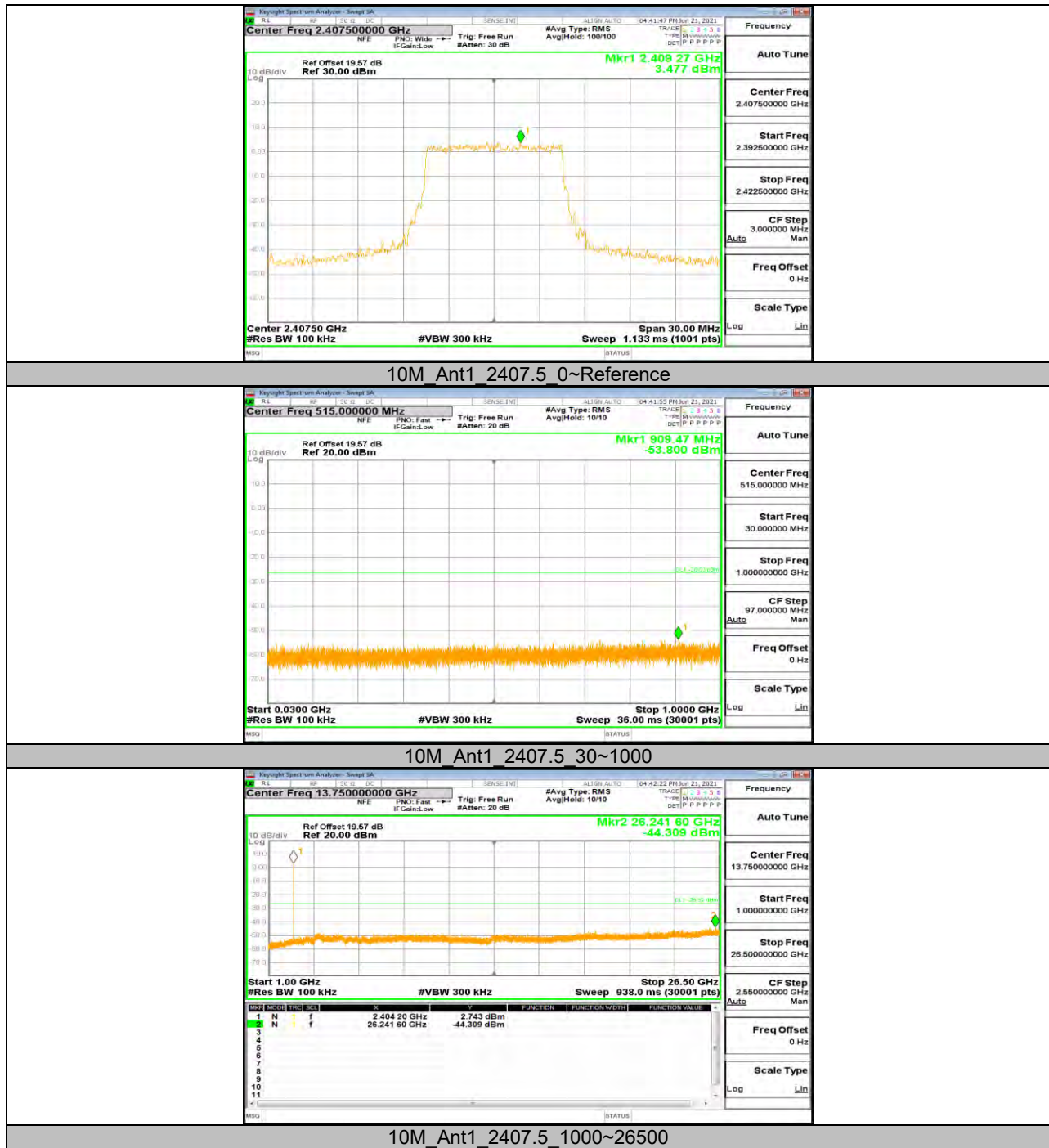
**11.6. Appendix F: Conducted Spurious Emission****11.6.1. Test Result**

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.

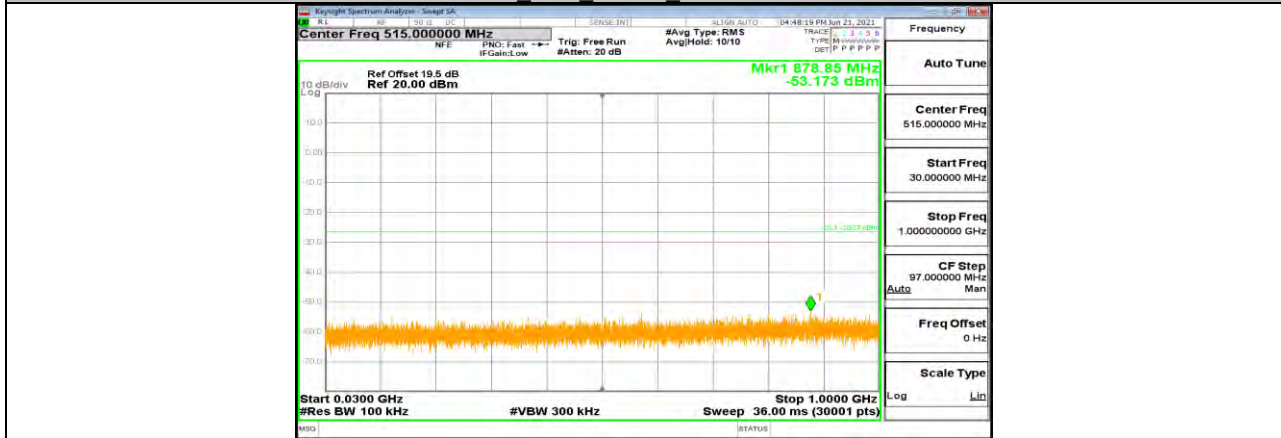


### 11.6.2. Test Graphs

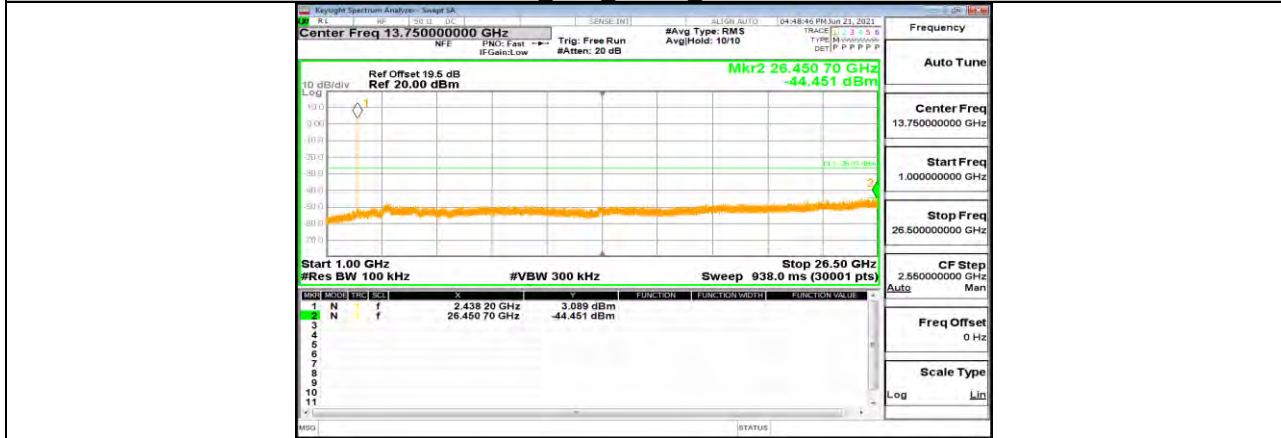




10M Ant1 2437.5 0~Reference



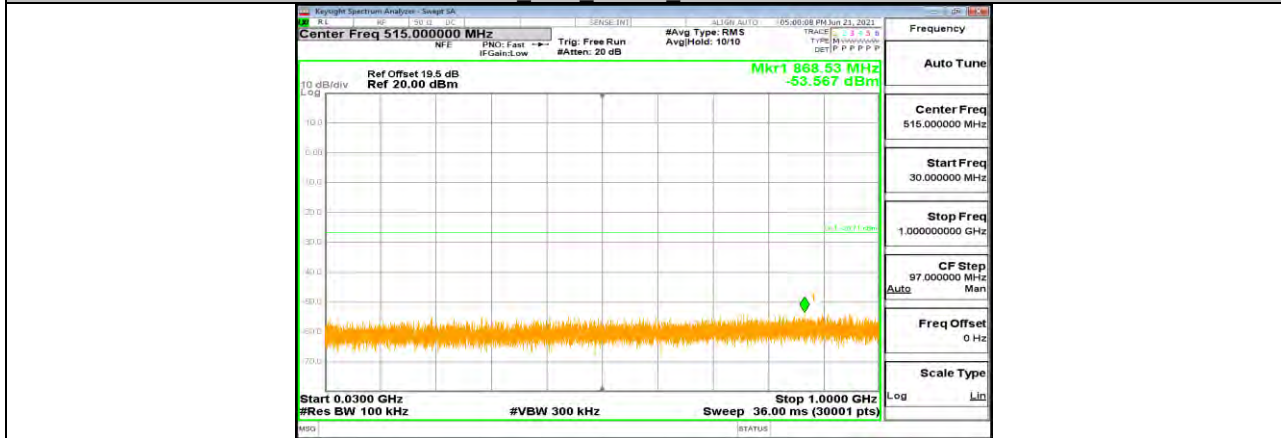
10M Ant1 2437.5 30~1000



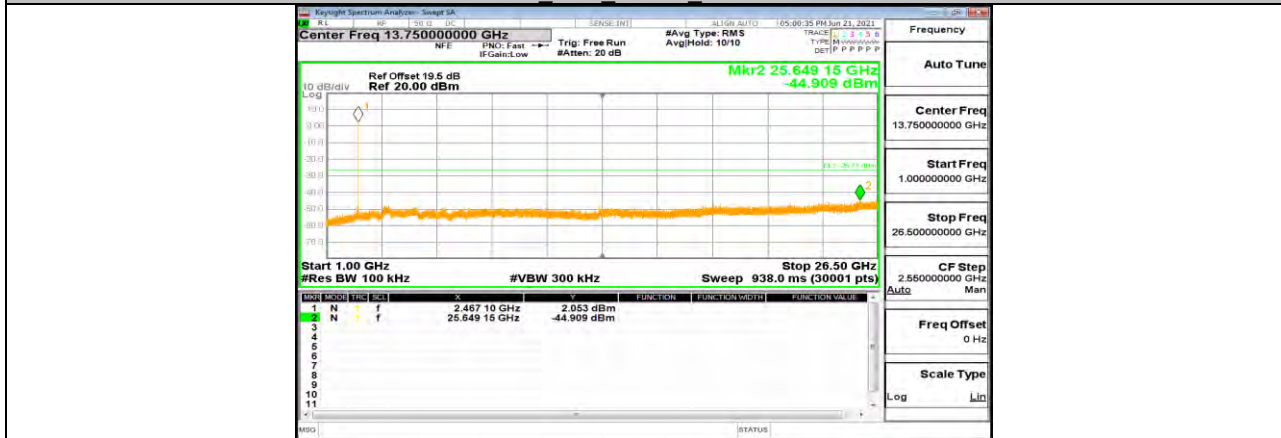
10M Ant1 2437.5 1000~26500



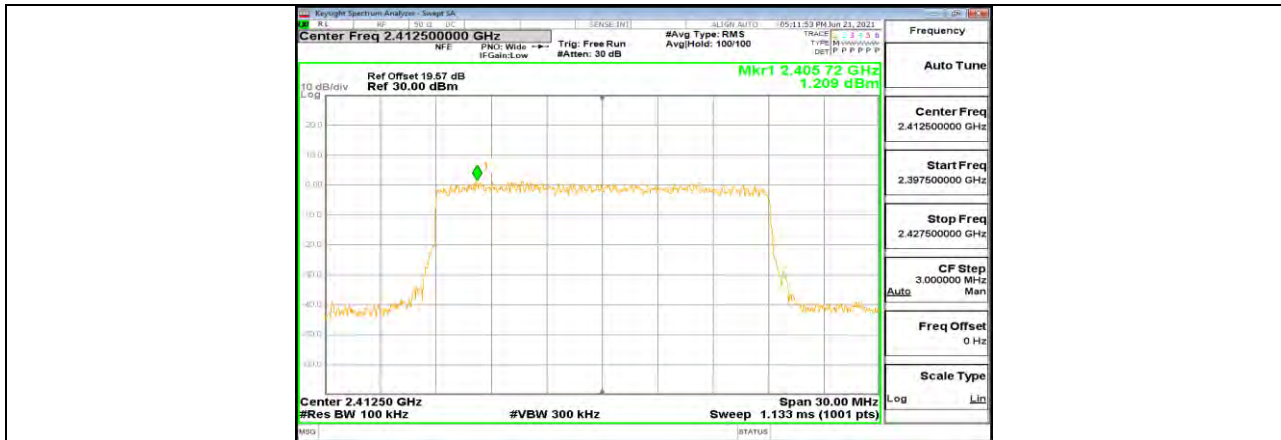
10M Ant1 2467.5 0~Reference



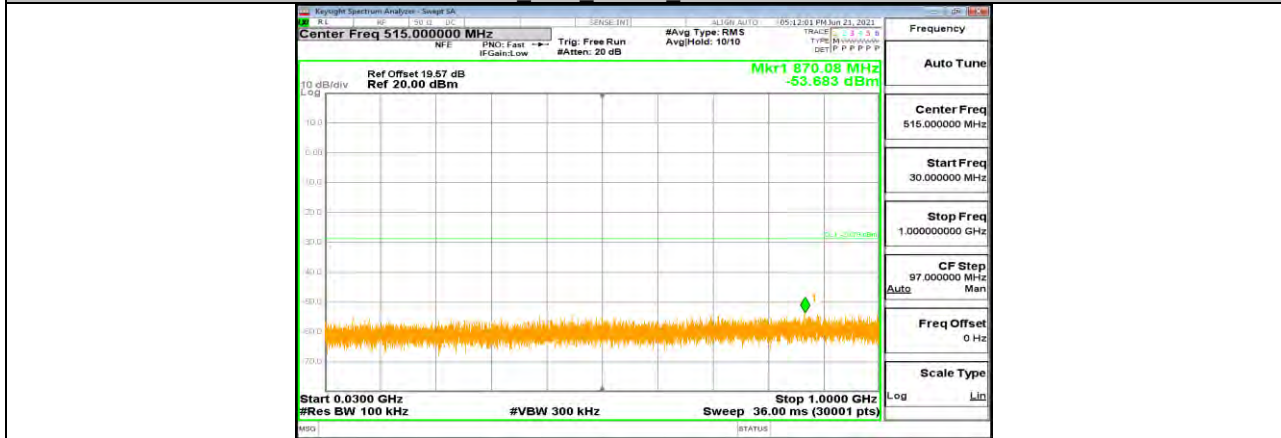
10M Ant1 2467.5 30~1000



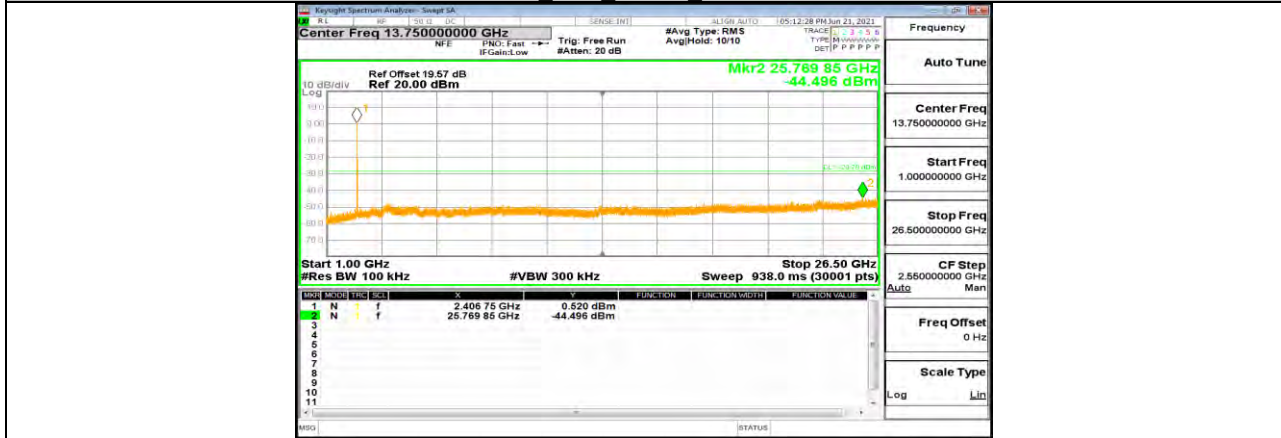
10M Ant1 2467.5 1000~26500



20M Ant1 2412.5 0~Reference



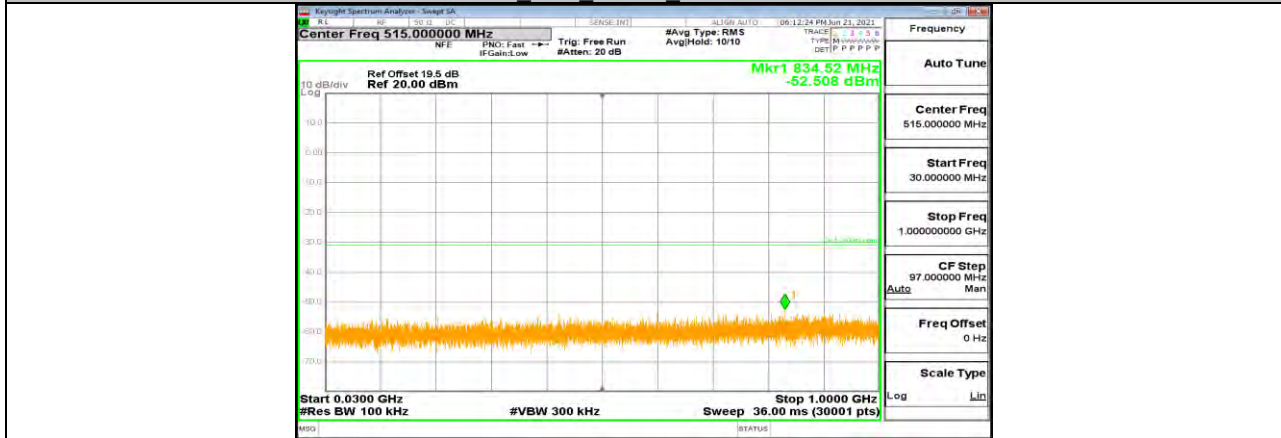
20M Ant1 2412.5 30~1000



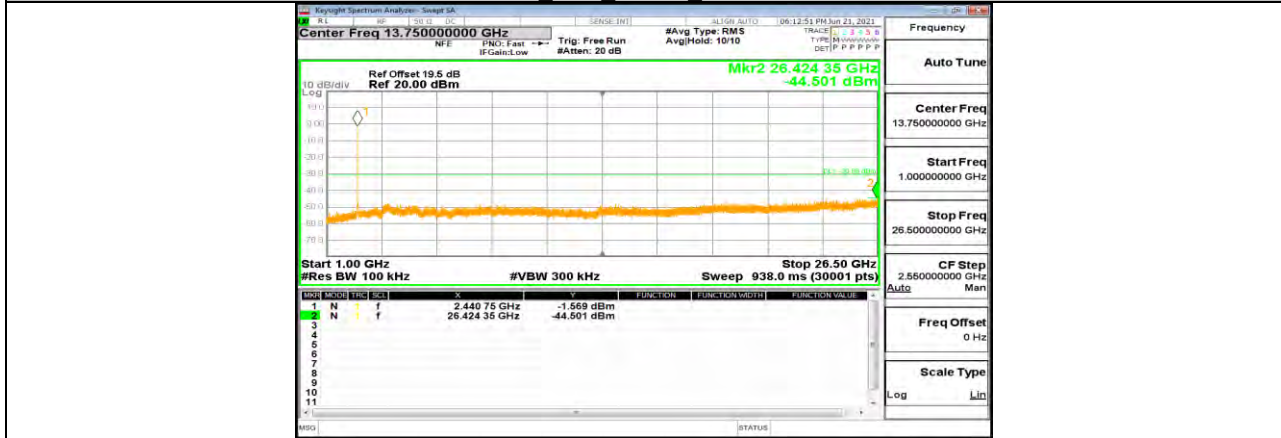
20M Ant1 2412.5 1000~26500



20M Ant1 2437.5 0~Reference



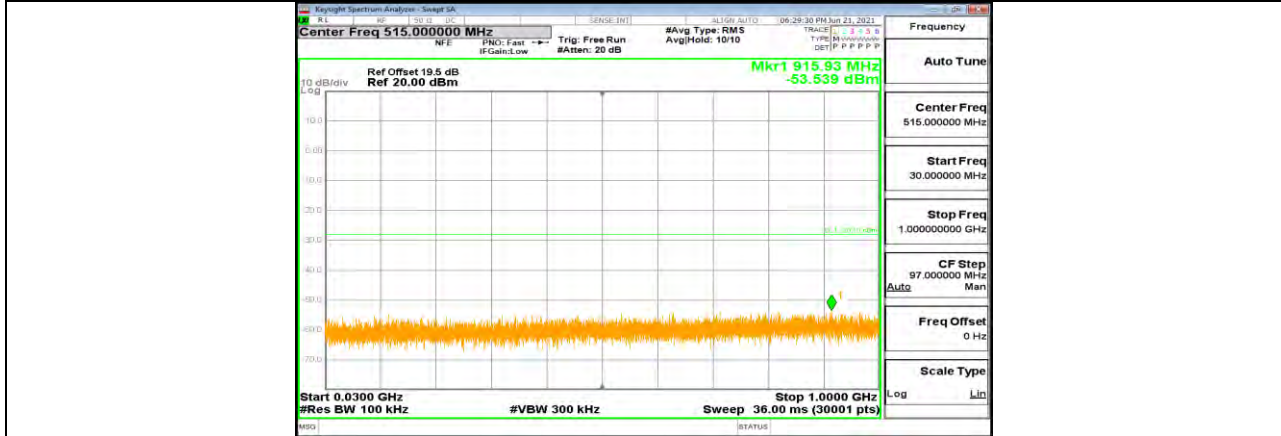
20M Ant1 2437.5 30~1000



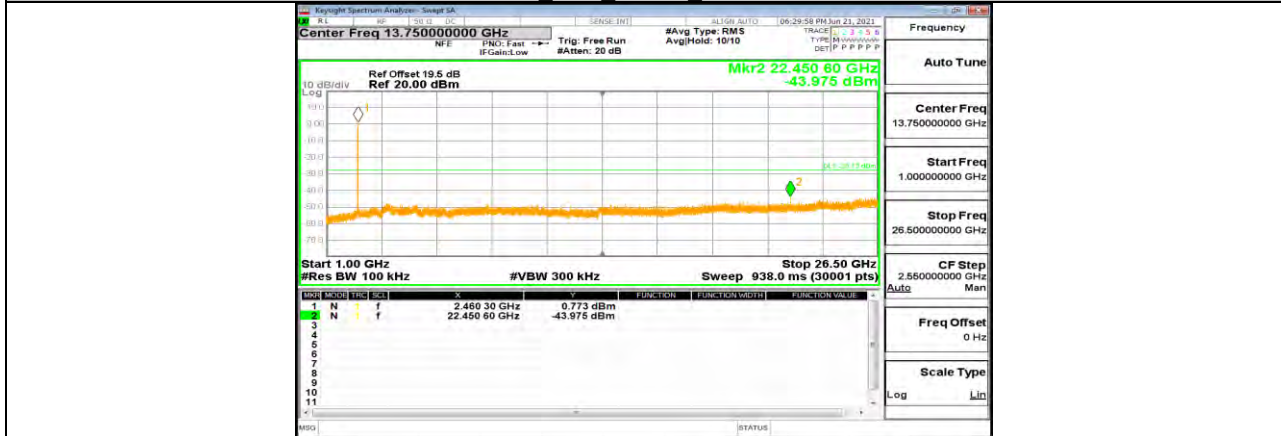
20M Ant1 2437.5 1000~26500



20M Ant1 2462.5 0~Reference



20M Ant1 2462.5 30~1000

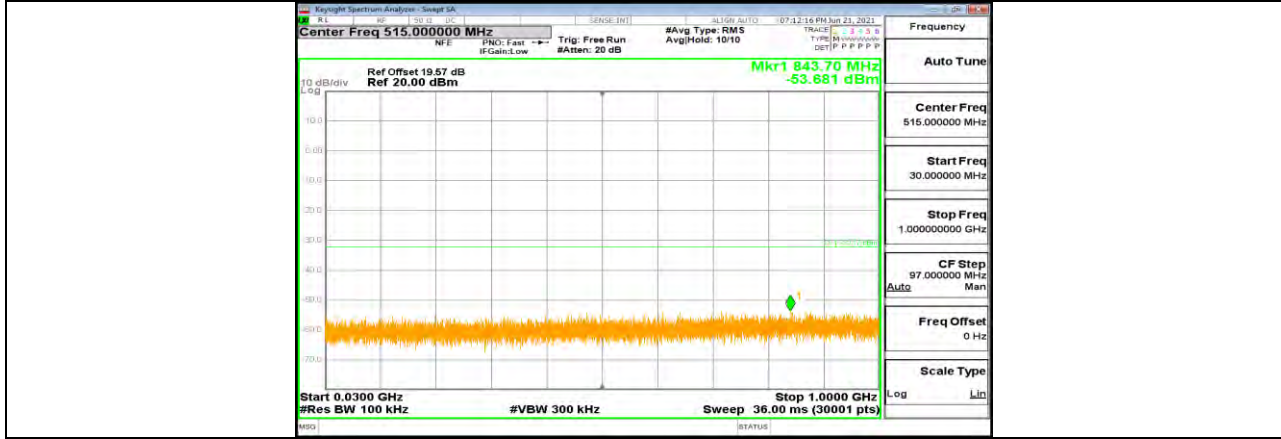


20M Ant1 2462.5 1000~26500

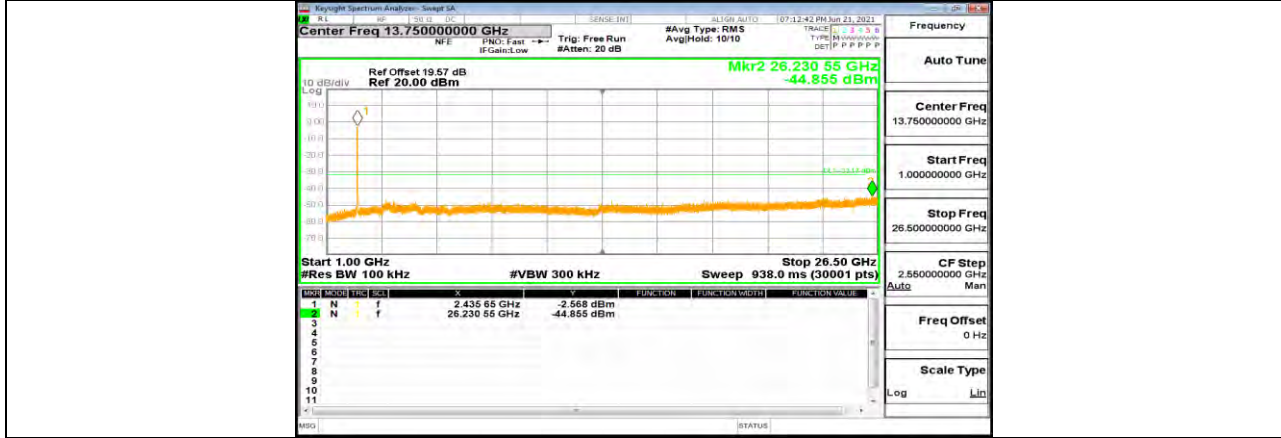




40M Ant1 2422.5 0~Reference



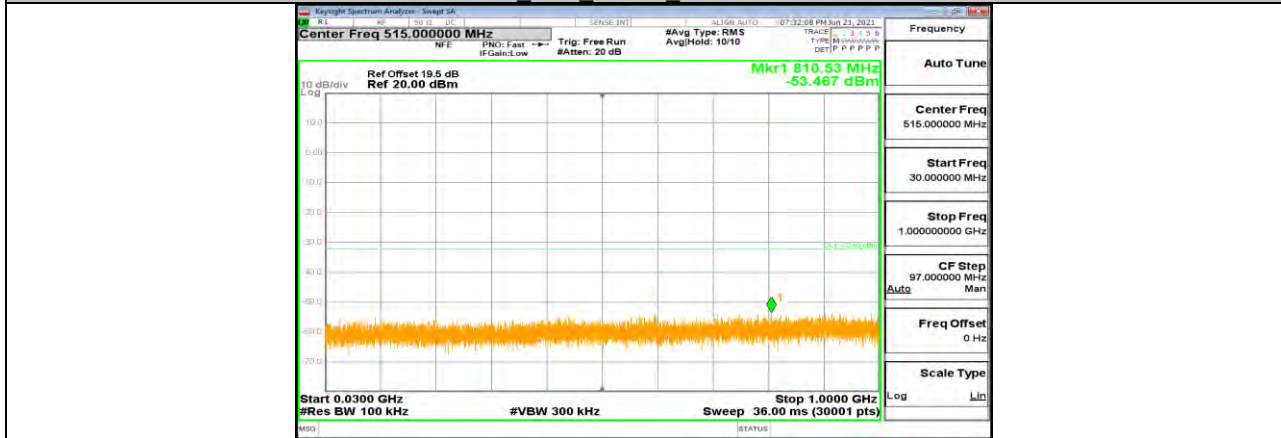
40M Ant1 2422.5 30~1000



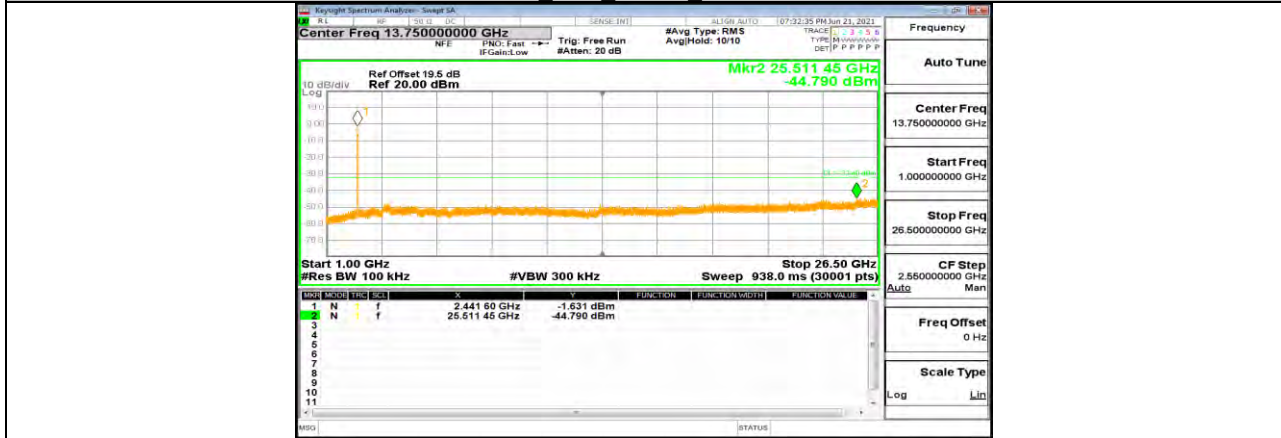
40M Ant1 2422.5 1000~26500



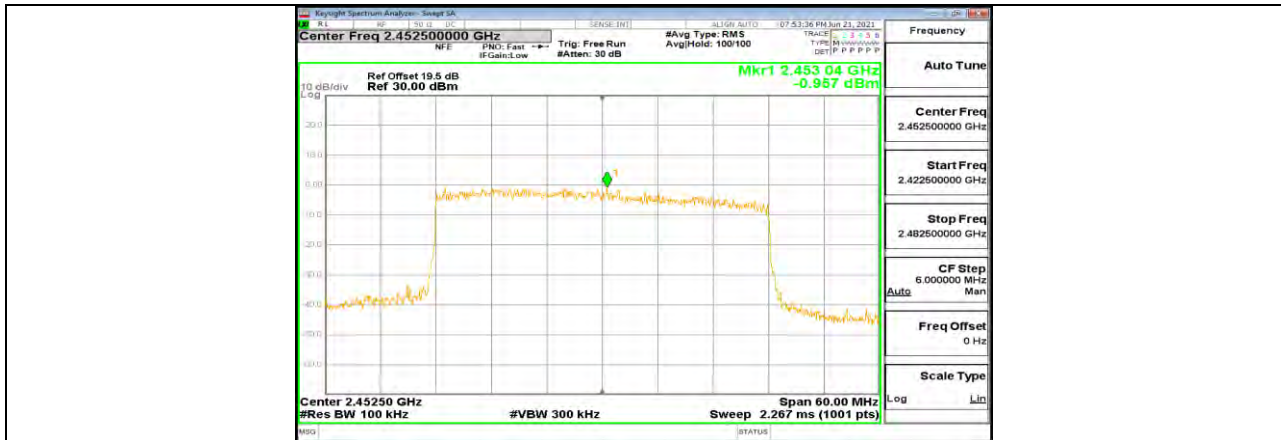
40M Ant1 2437.5 0~Reference



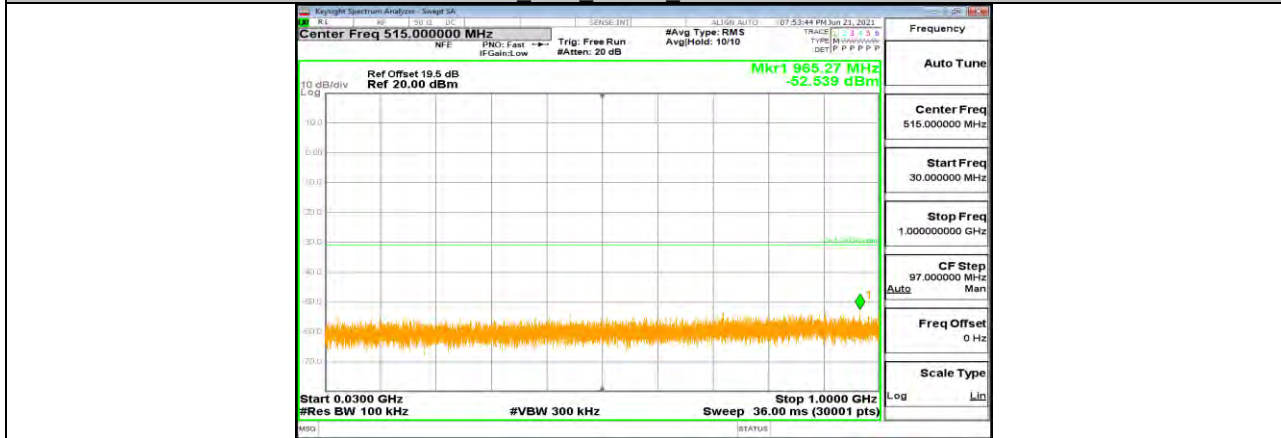
40M Ant1 2437.5 30~1000



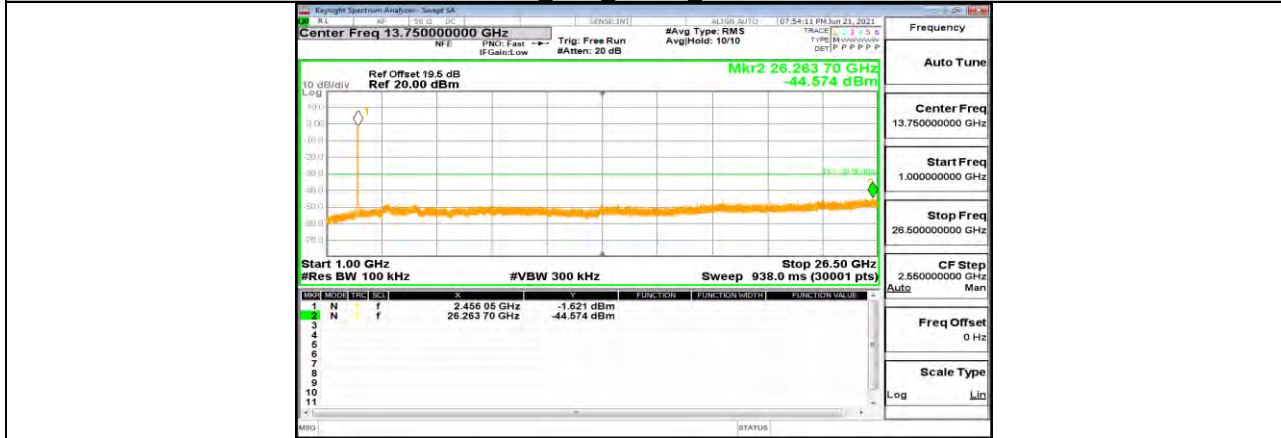
40M Ant1 2437.5 1000~26500



40M Ant1 2452.5 0~Reference



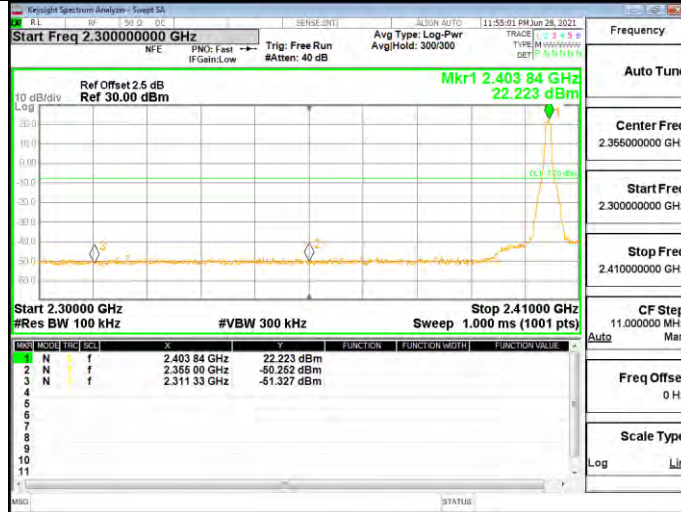
40M Ant1 2452.5 30~1000



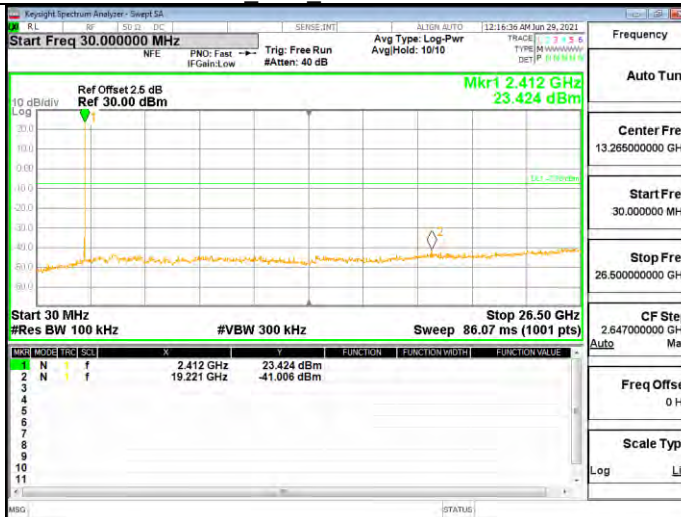
40M Ant1 2452.5 1000~26500



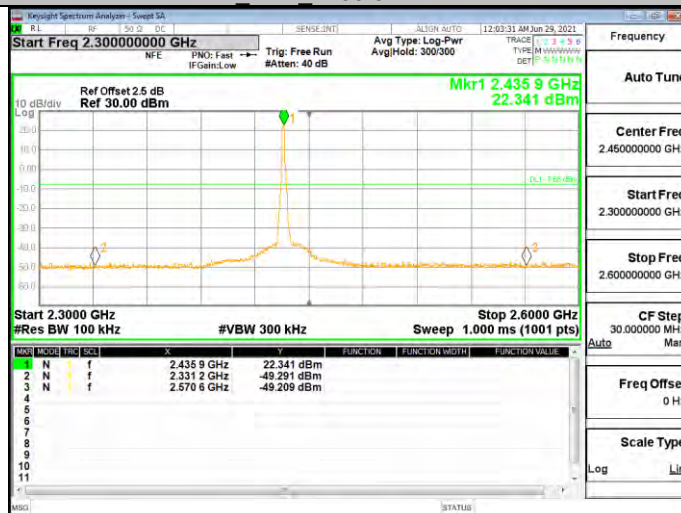
1.4M Ant1 2403.5 ~Reference

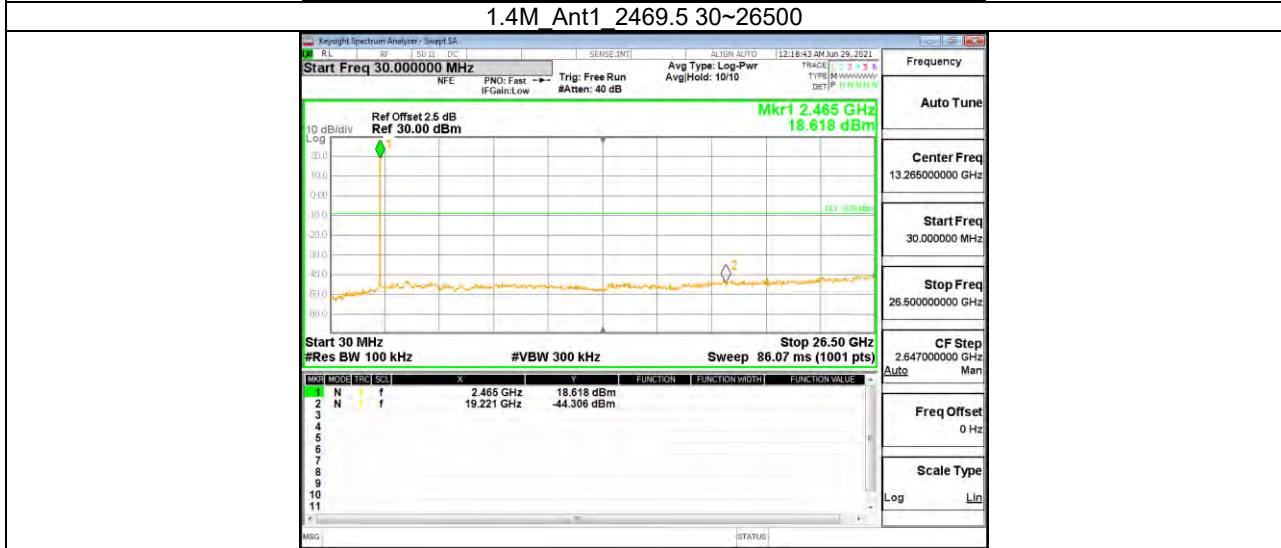
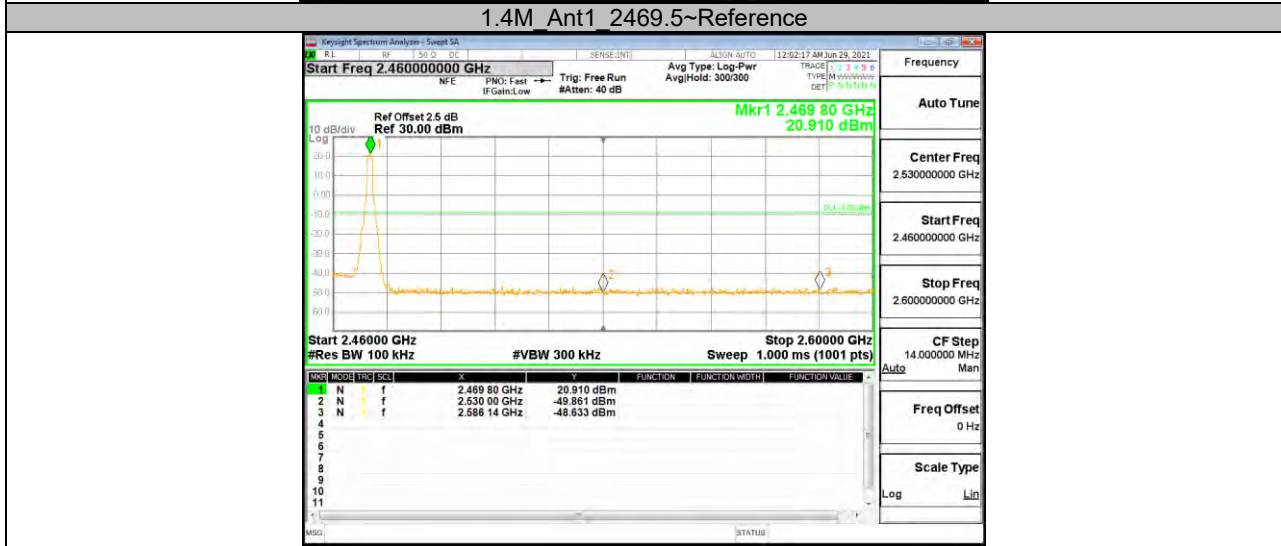
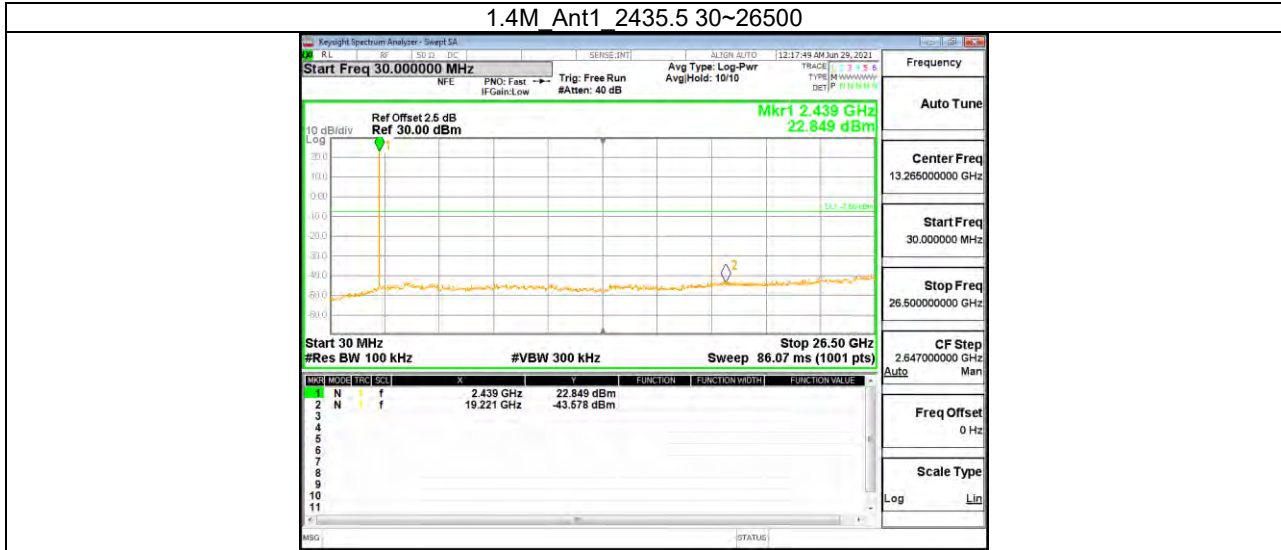


1.4M Ant1 2403.5 30~26500



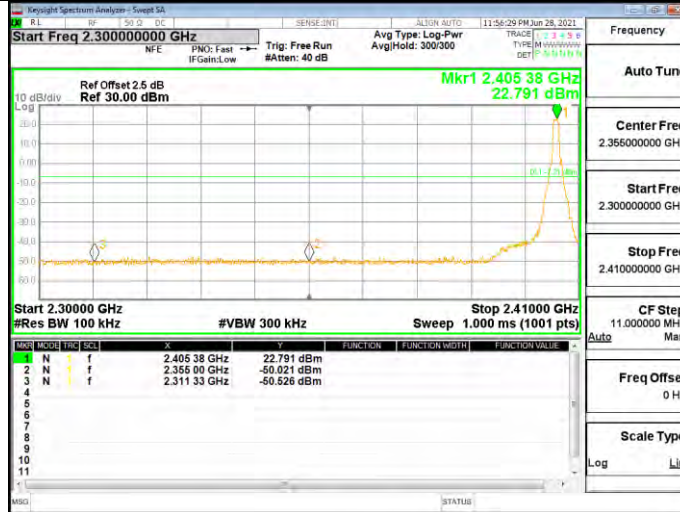
1.4M Ant1 2435.5 ~Reference



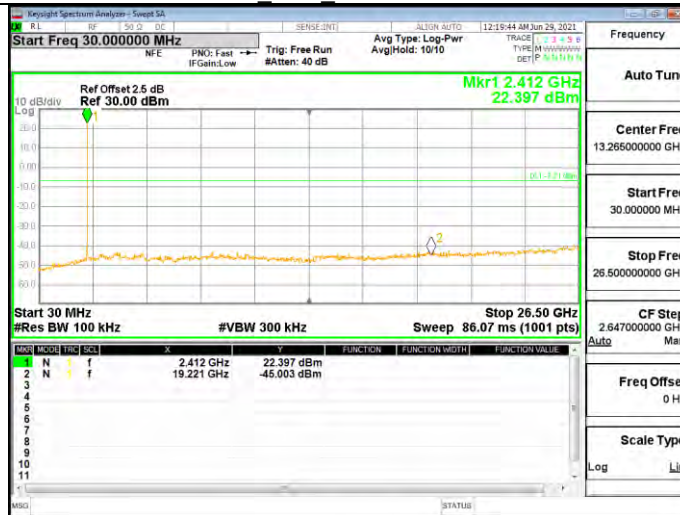




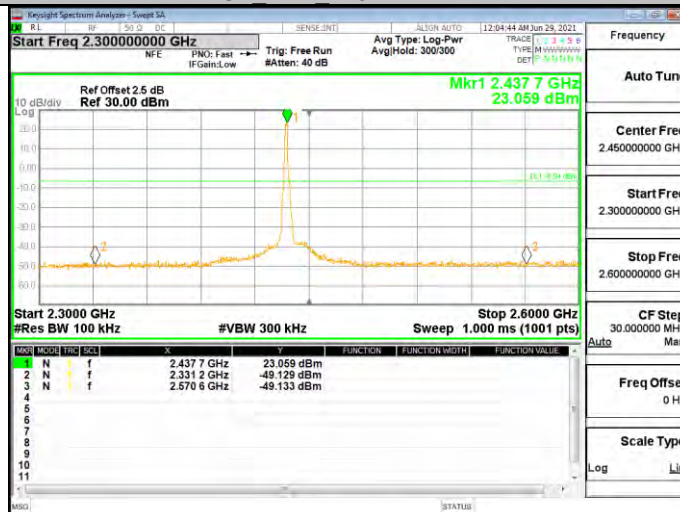
1.4M CA Ant1 2405.12~Reference



1.4M CA Ant1 2405.12 30~26500

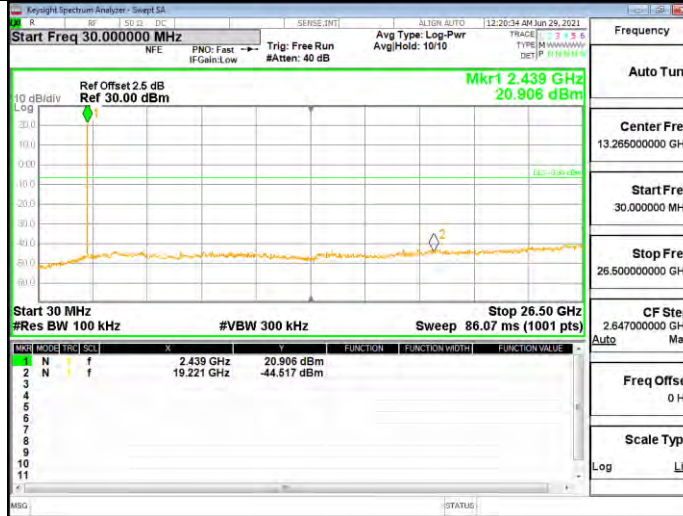


1.4M CA Ant1 2437.12~Reference

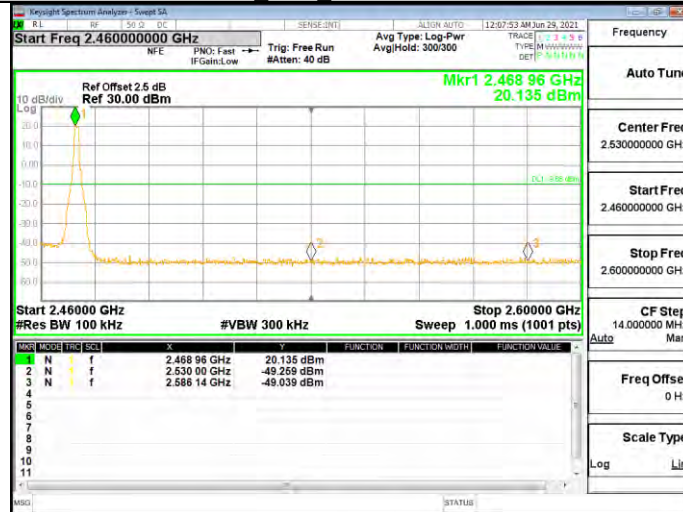




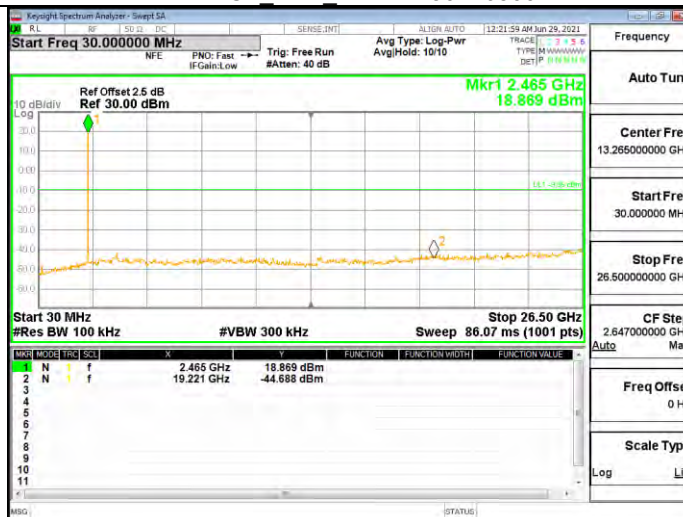
1.4M CA Ant1 2437.12 30~26500



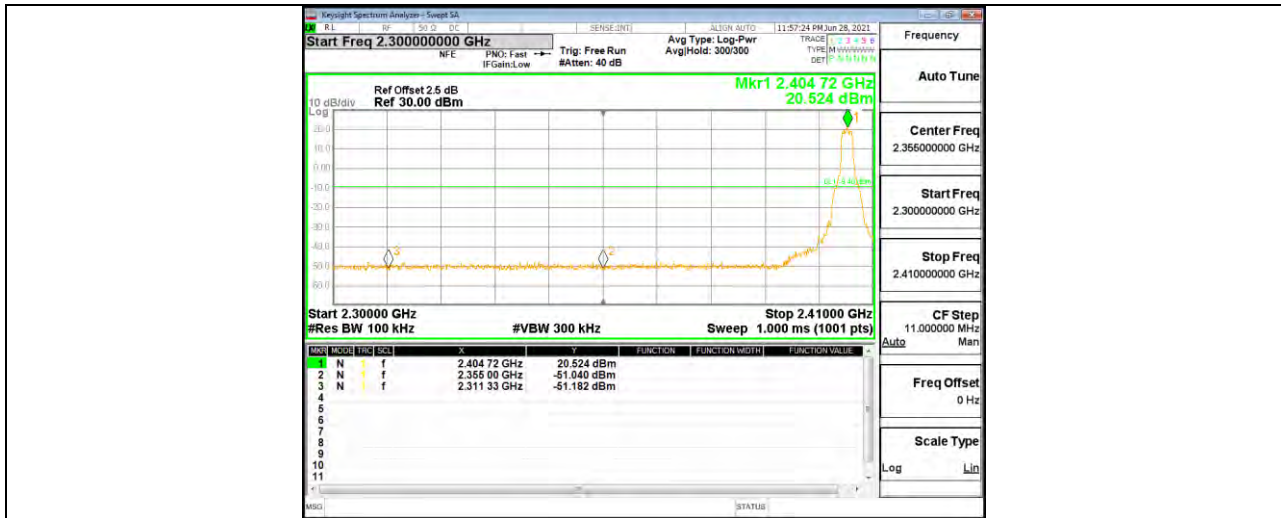
1.4M CA Ant1 2471.12~Reference



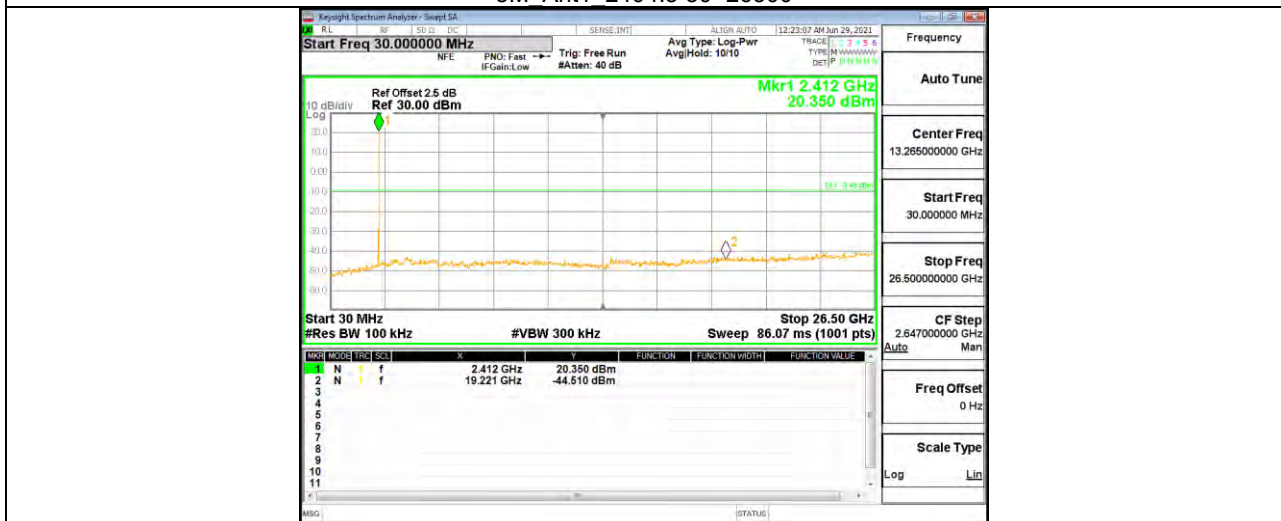
1.4M CA Ant1 2471.12 30~26500



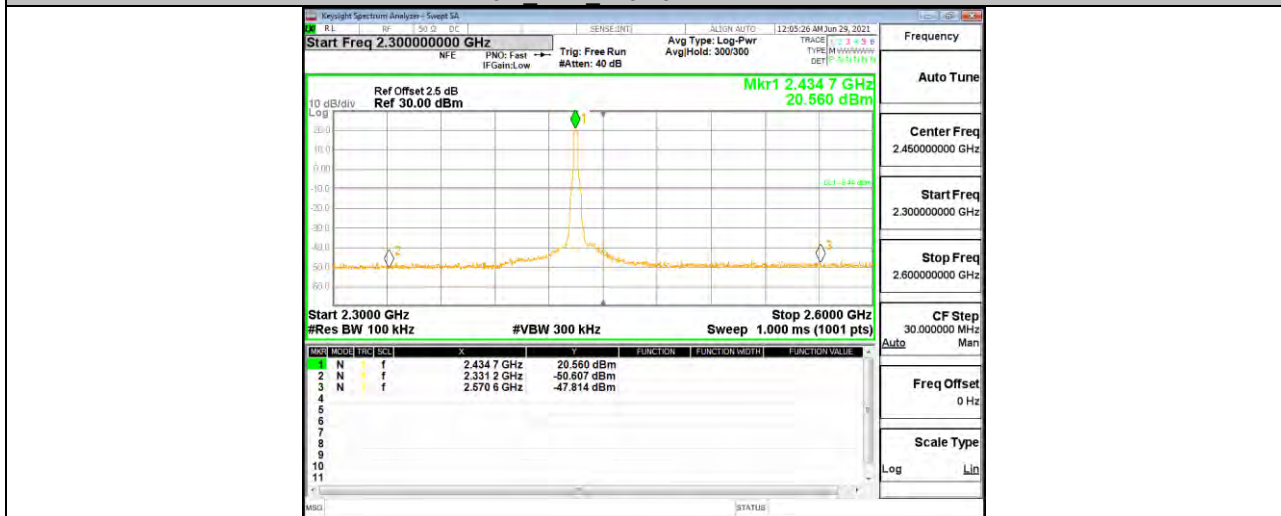
3M Ant1 2404.5~Reference



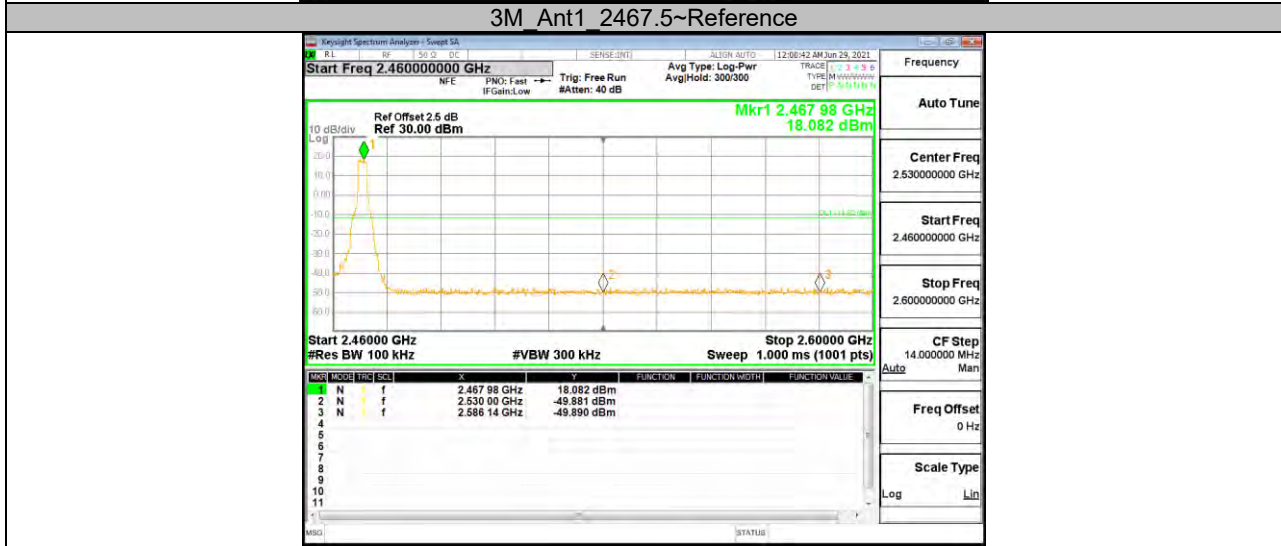
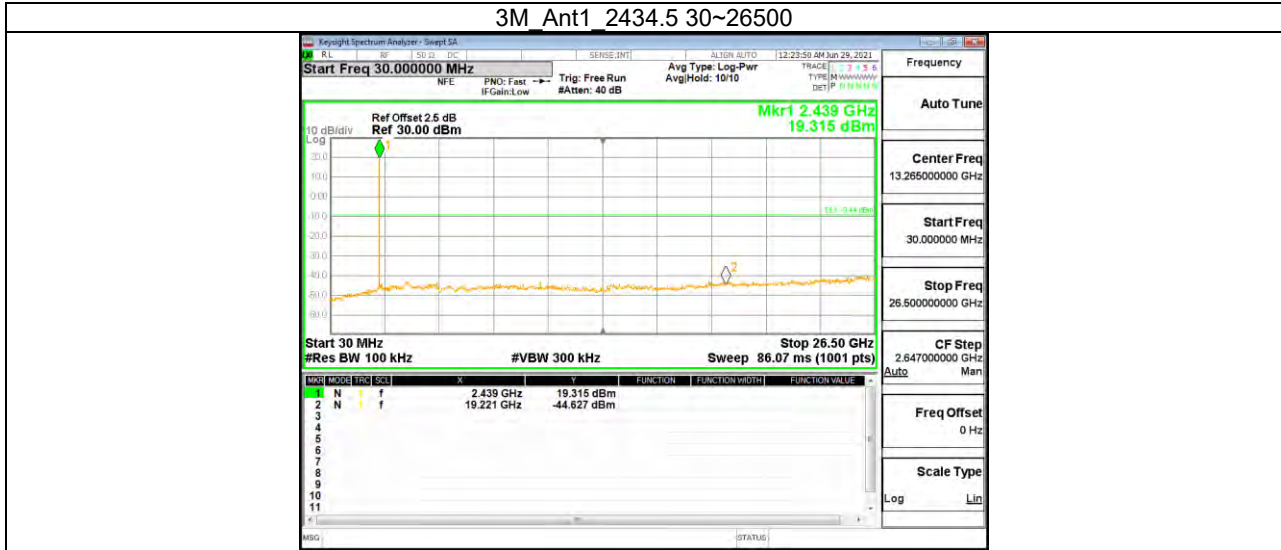
3M Ant1 2404.5 30~26500



3M Ant1 2434.5~Reference

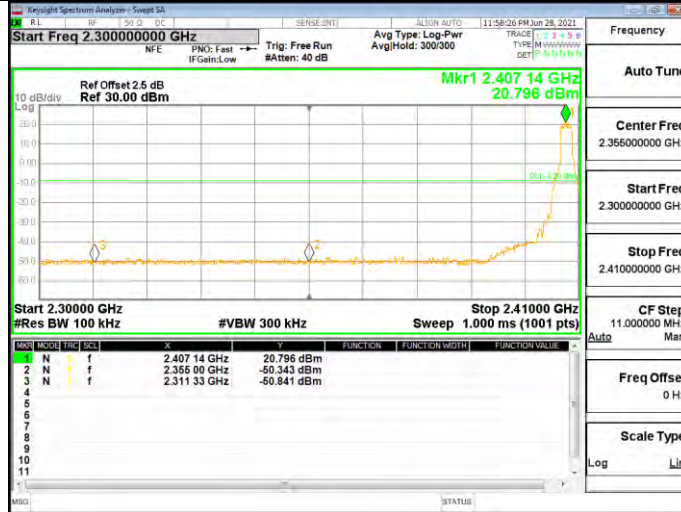




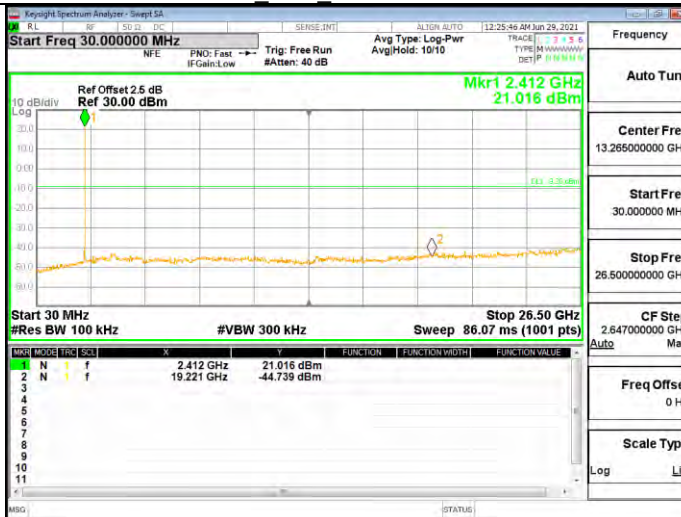




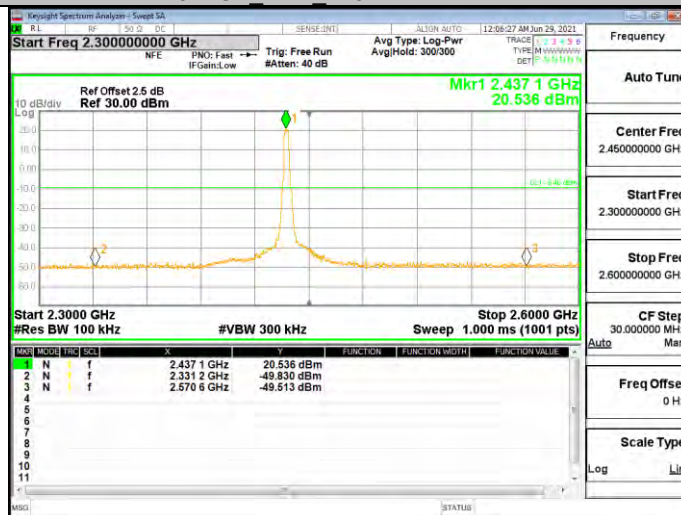
3M CA Ant1 2407.2~Reference

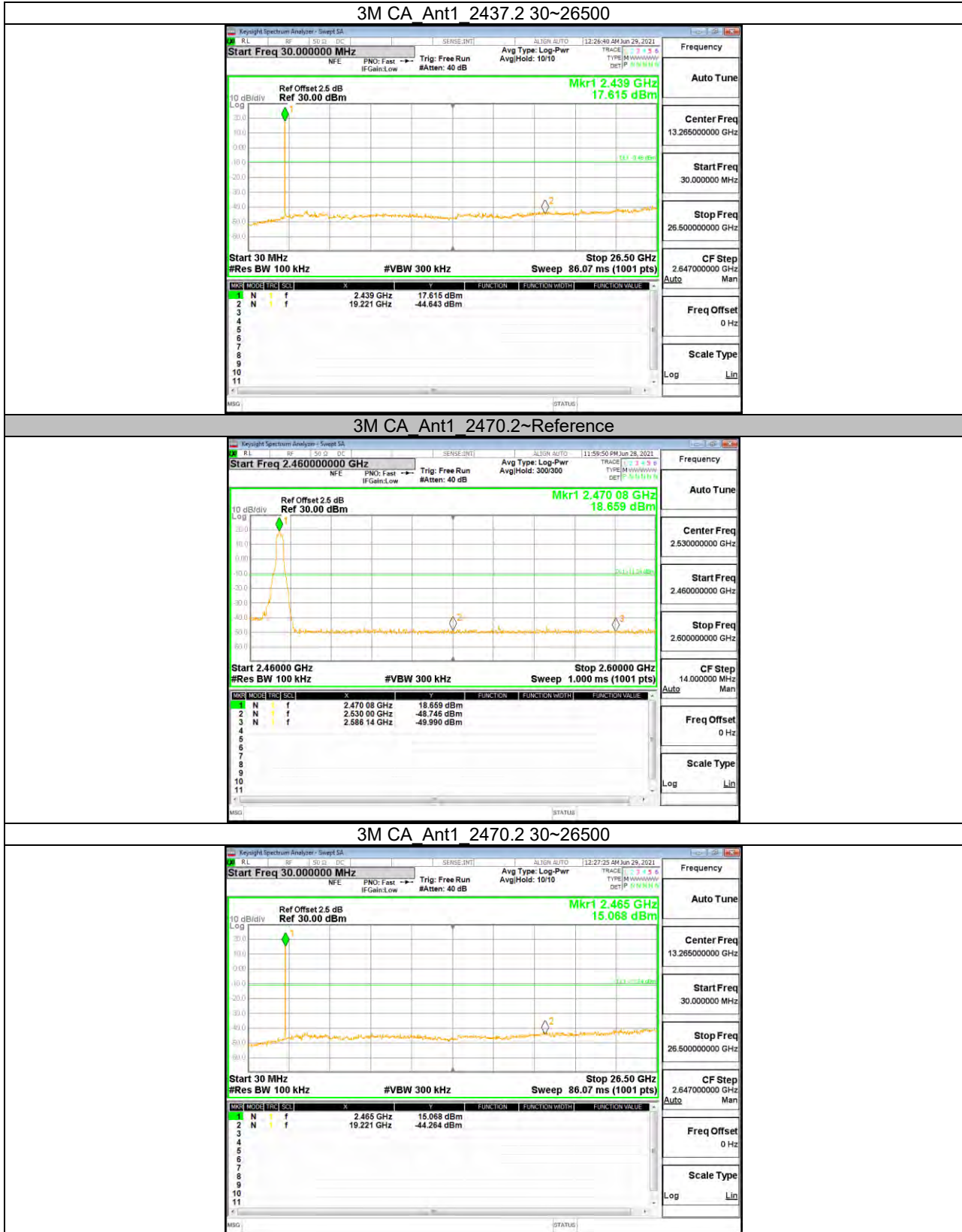


3M CA Ant1 2407.2 30~26500



3M CA Ant1 2437.2~Reference





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.

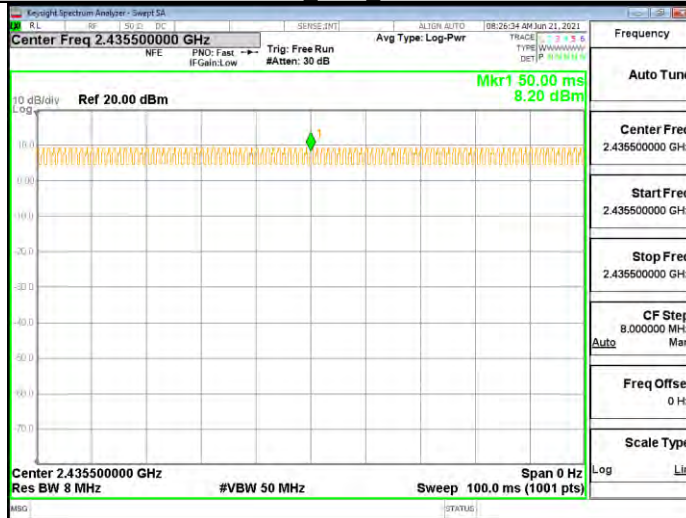


### 11.7.2. Test Graphs

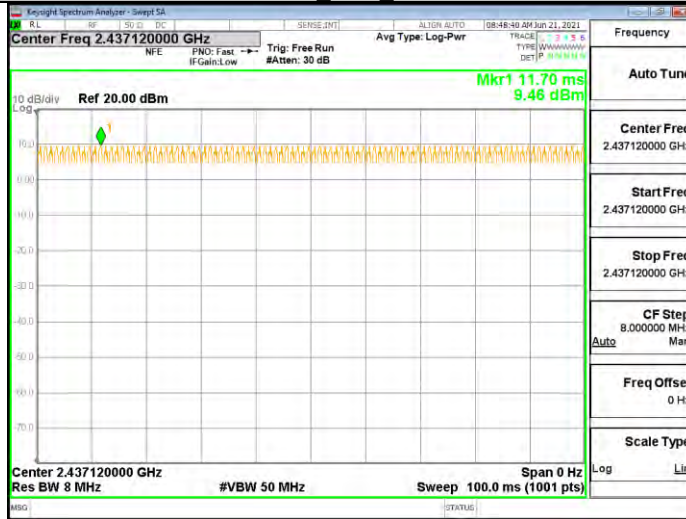




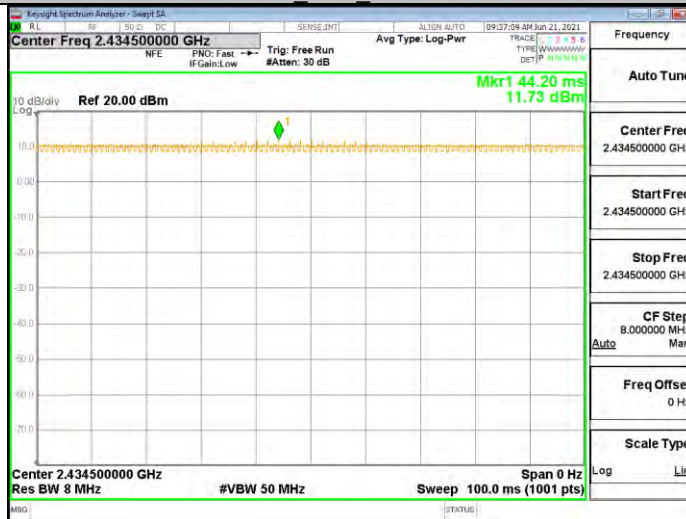
1.4M Ant1 2435.5

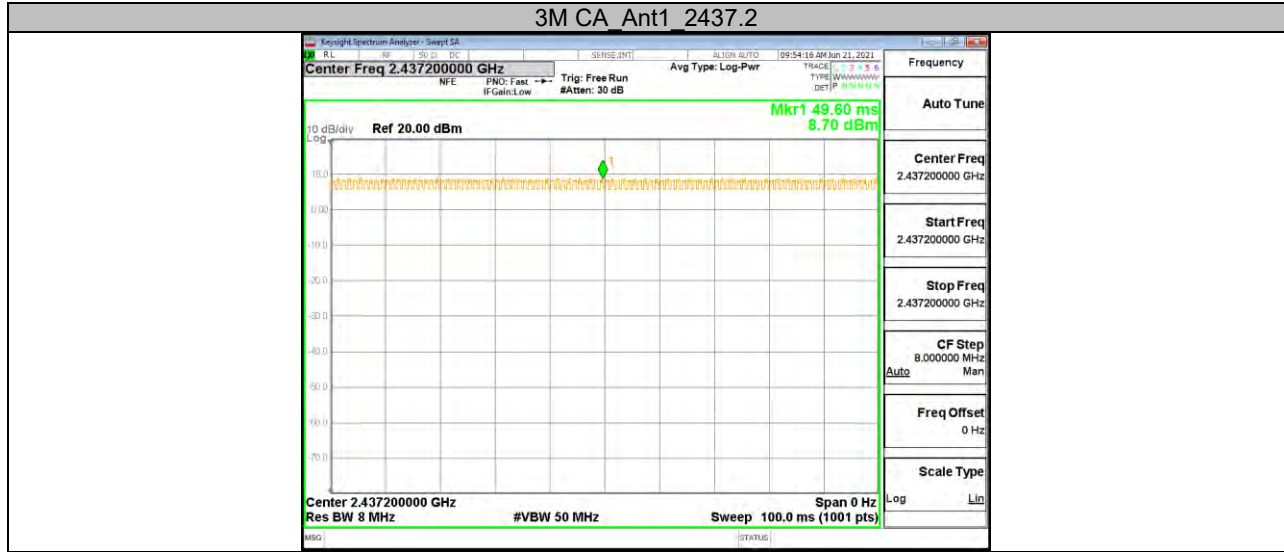


1.4M CA Ant1 2437.12



3M Ant1 2434.5





**END OF REPORT**