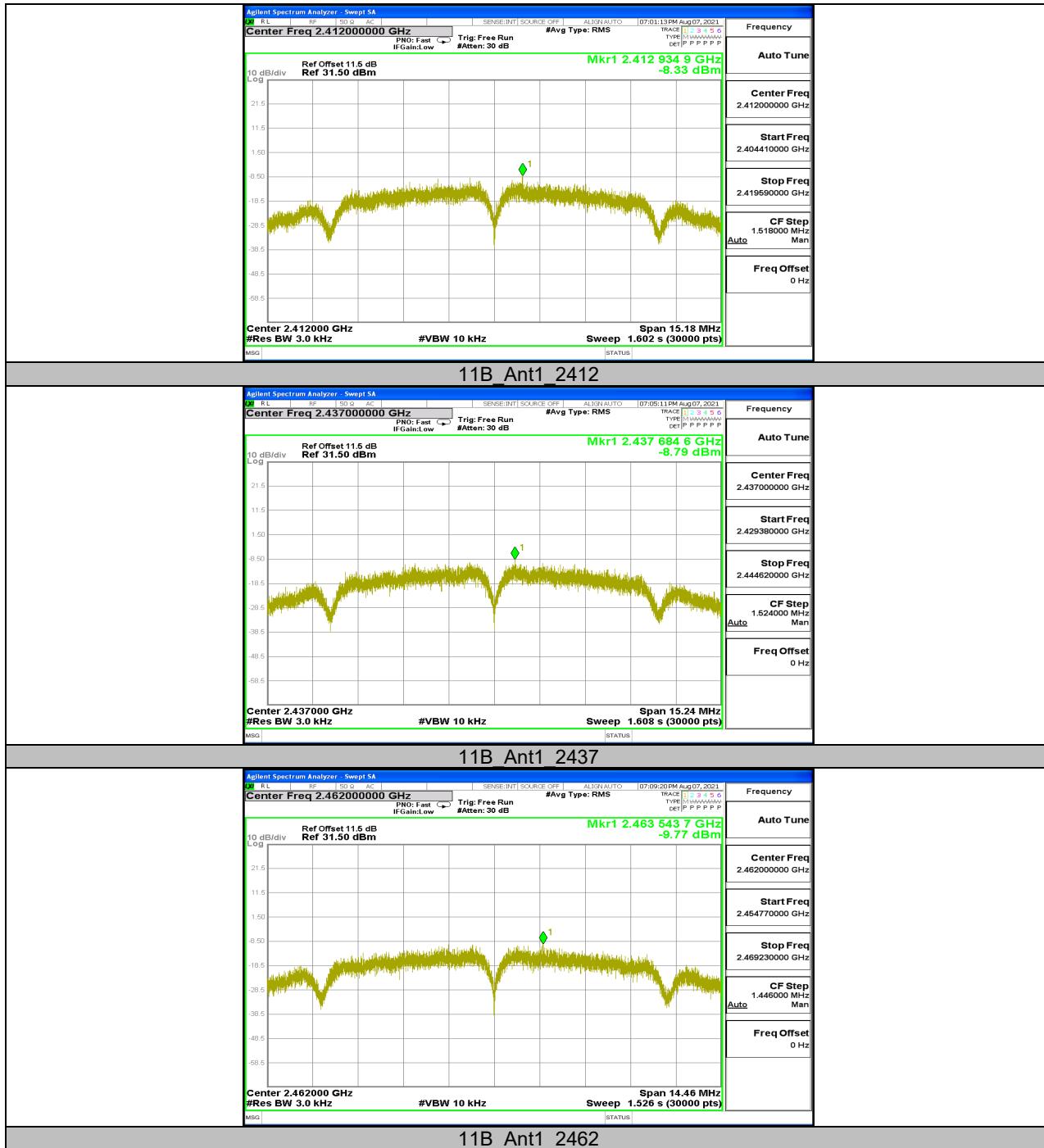
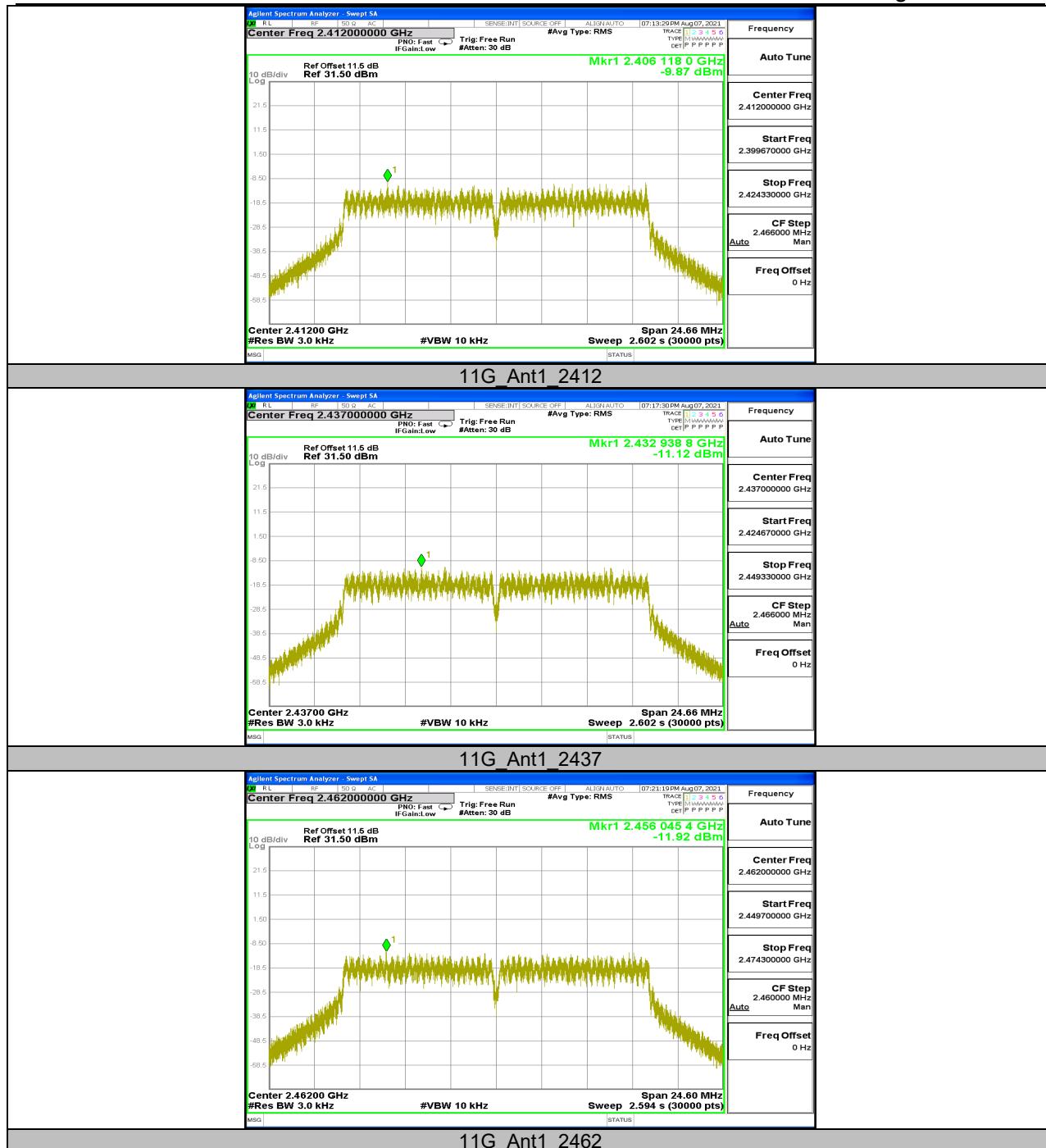
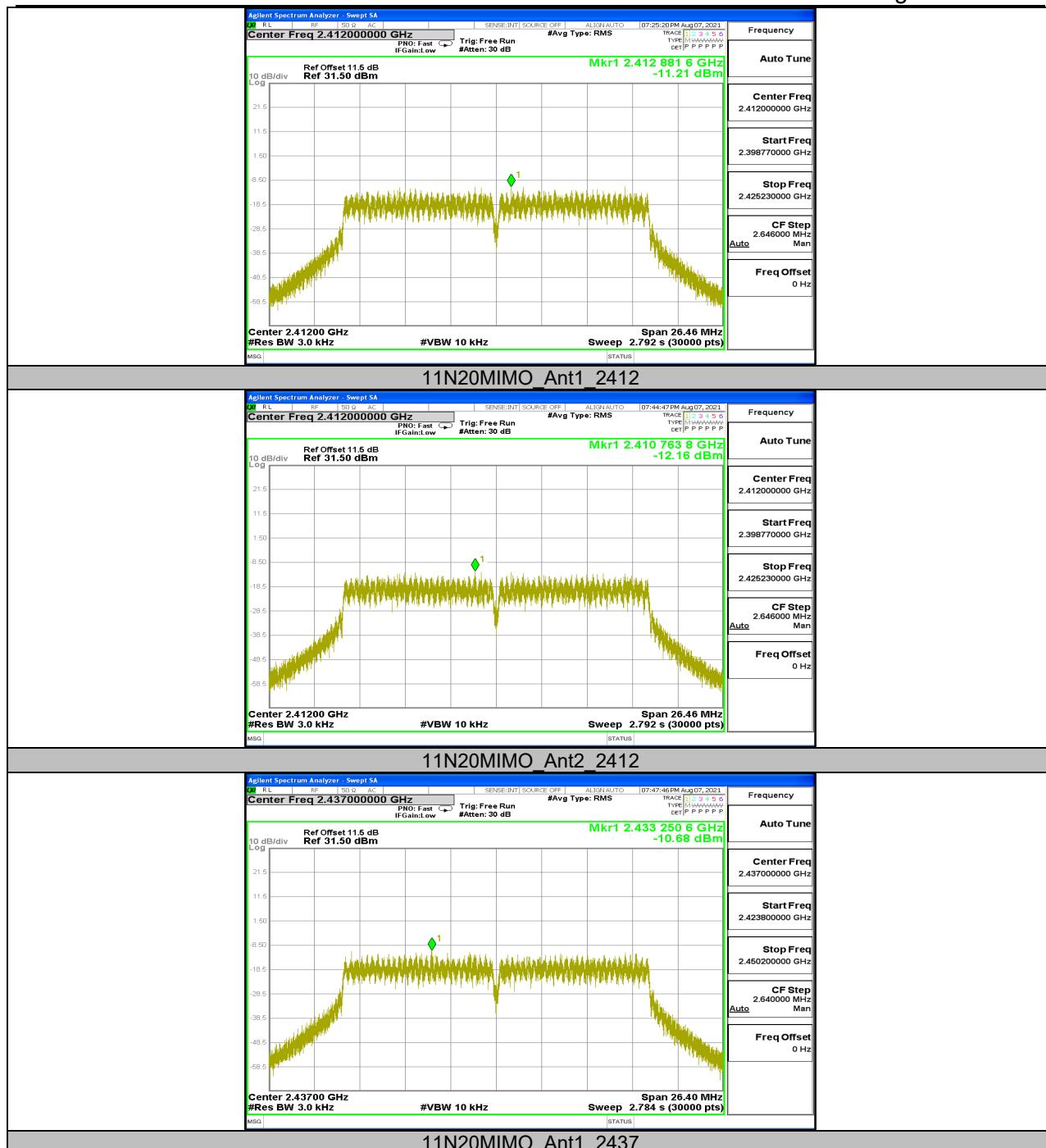
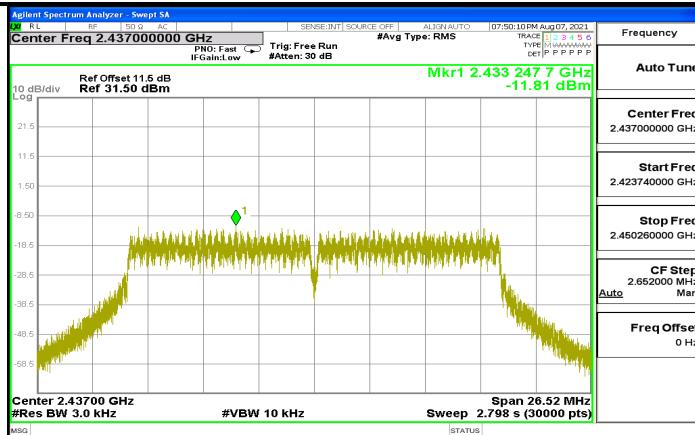


11.4.2. Test Graphs

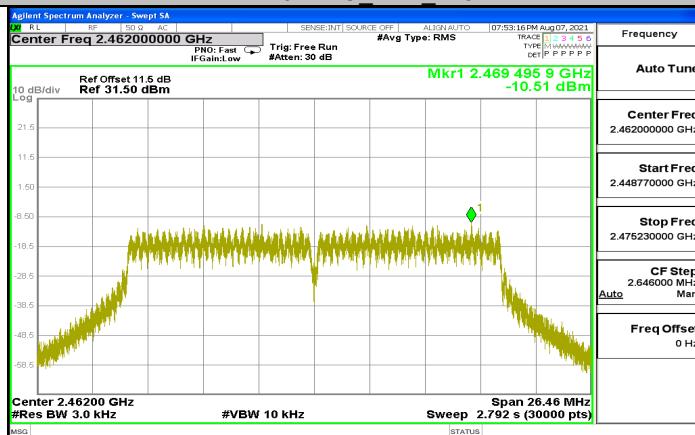




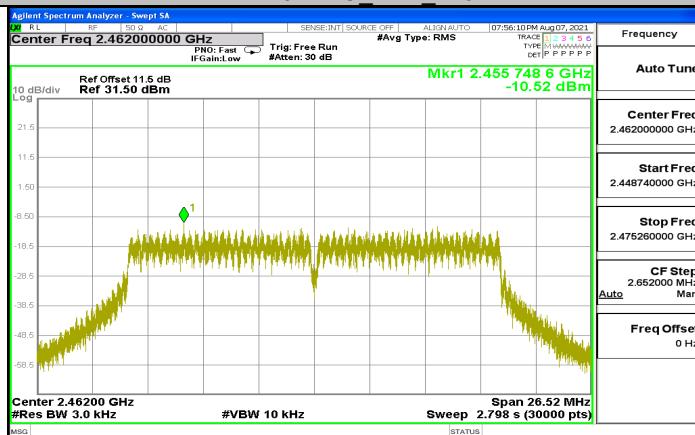




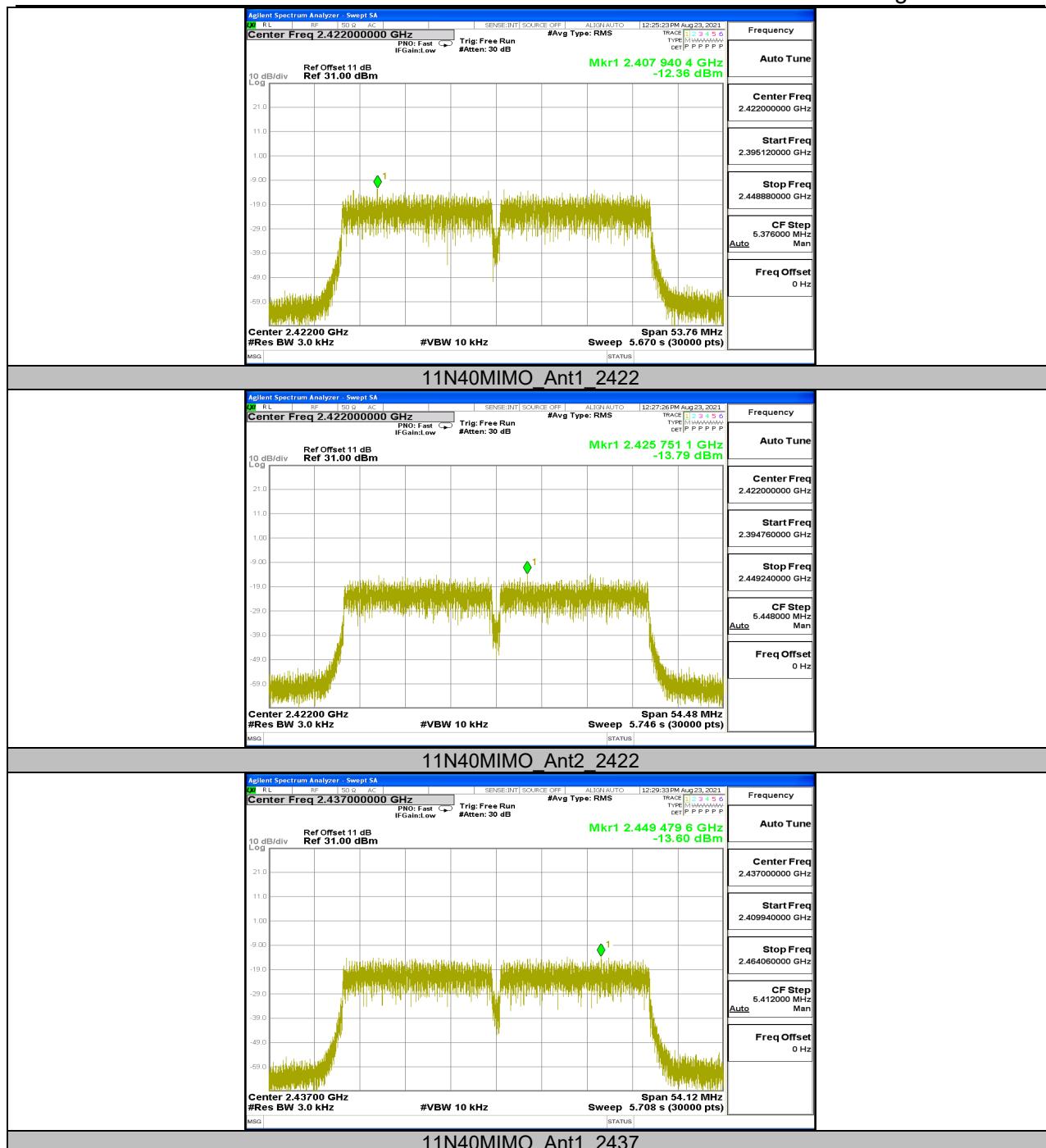
11N20MIMO Ant2 2437

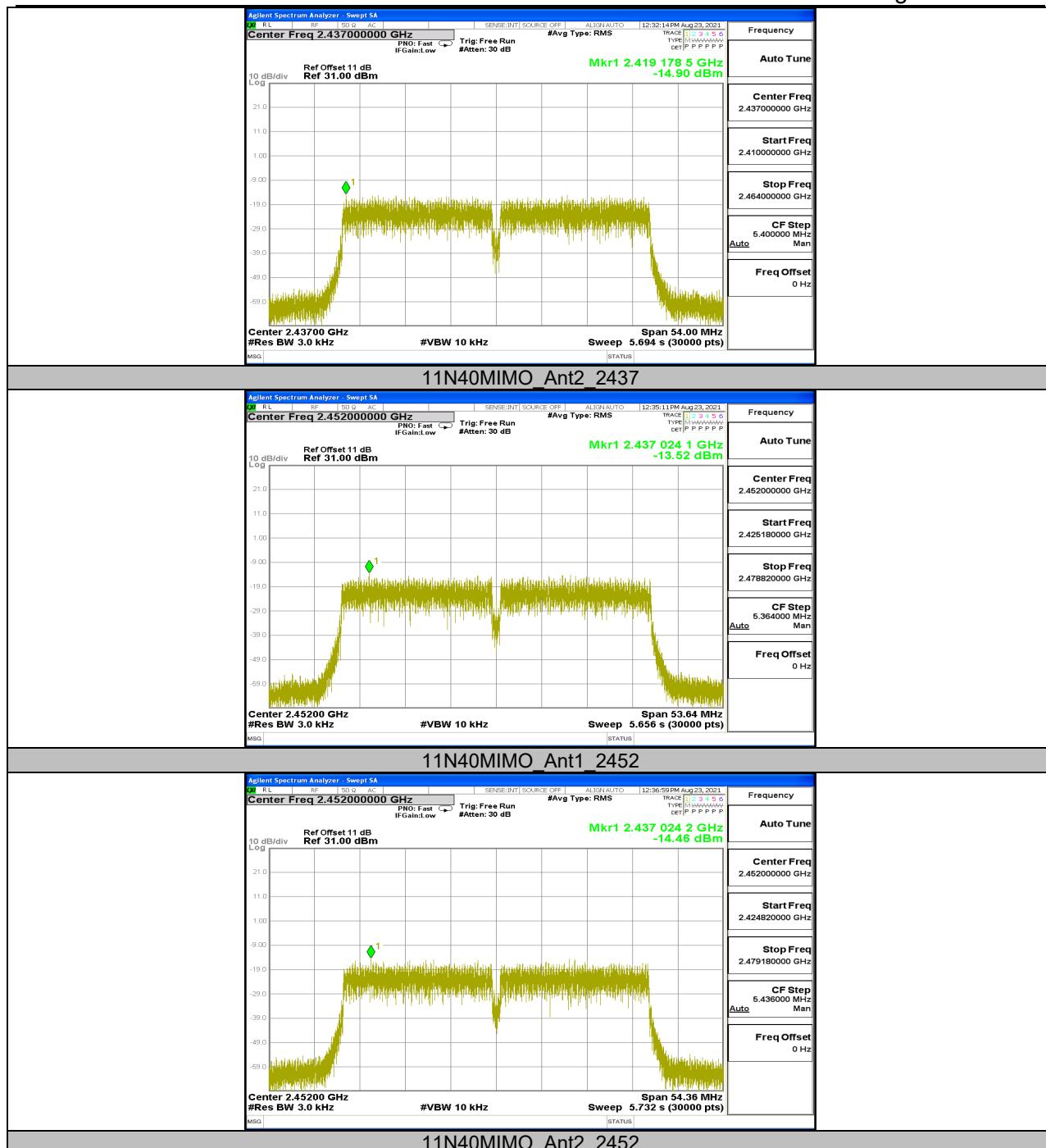


11N20MIMO Ant1 2462



11N20MIMO Ant2 2462





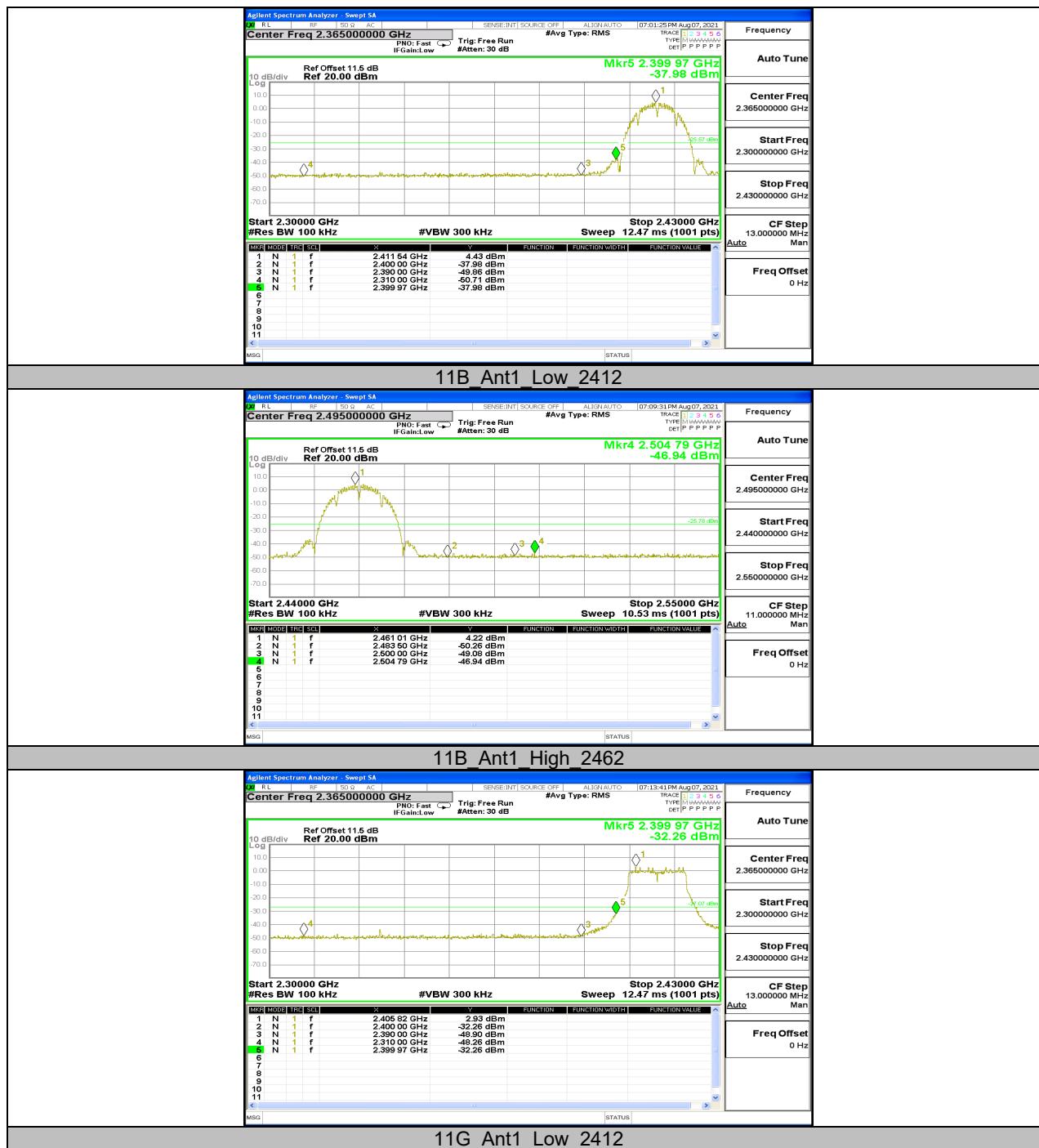
11.5. Appendix E: Band edge measurements

11.5.1. Test Result

TestMode	Antenna	ChName	Channel	RefLevel [dBm]	Result[dBm]	Limit[dBm]	Verdict
11B	Ant1	Low	2412	4.43	-37.98	≤-25.57	PASS
		High	2462	4.22	-46.94	≤-25.78	PASS
11G	Ant1	Low	2412	2.93	-32.26	≤-27.07	PASS
		High	2462	2.16	-45.56	≤-27.84	PASS
11N20MIMO	Ant1	Low	2412	2.57	-31.48	≤-27.43	PASS
	Ant2	Low	2412	1.73	-31.42	≤-28.28	PASS
	Ant1	High	2462	3.20	-44.28	≤-26.8	PASS
	Ant2	High	2462	2.44	-42.26	≤-27.56	PASS
11N40MIMO	Ant1	Low	2422	3.84	-29.41	≤-26.16	PASS
	Ant2	Low	2422	2.53	-27.66	≤-27.47	PASS
	Ant1	High	2452	3.72	-31.21	≤-26.28	PASS
	Ant2	High	2452	2.74	-30.21	≤-27.26	PASS

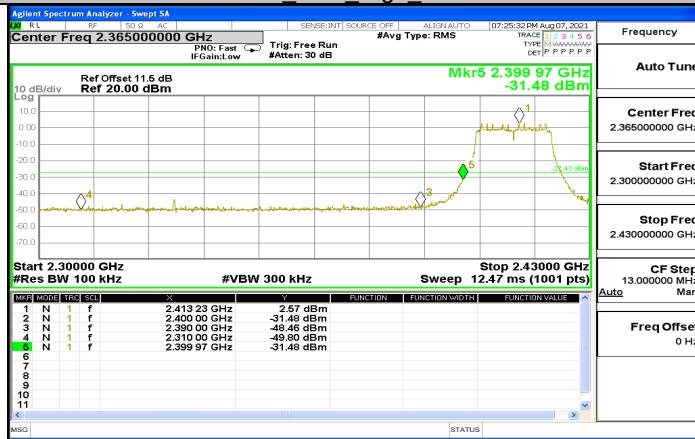
Note: For 802.11b & g modes, both antennas had been tested, only the worst data was recorded in the report.

11.5.2. Test Graphs

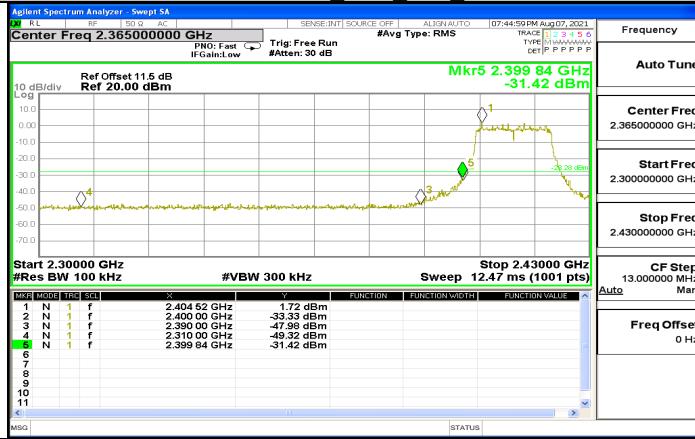




11G_Ant1_High_2462

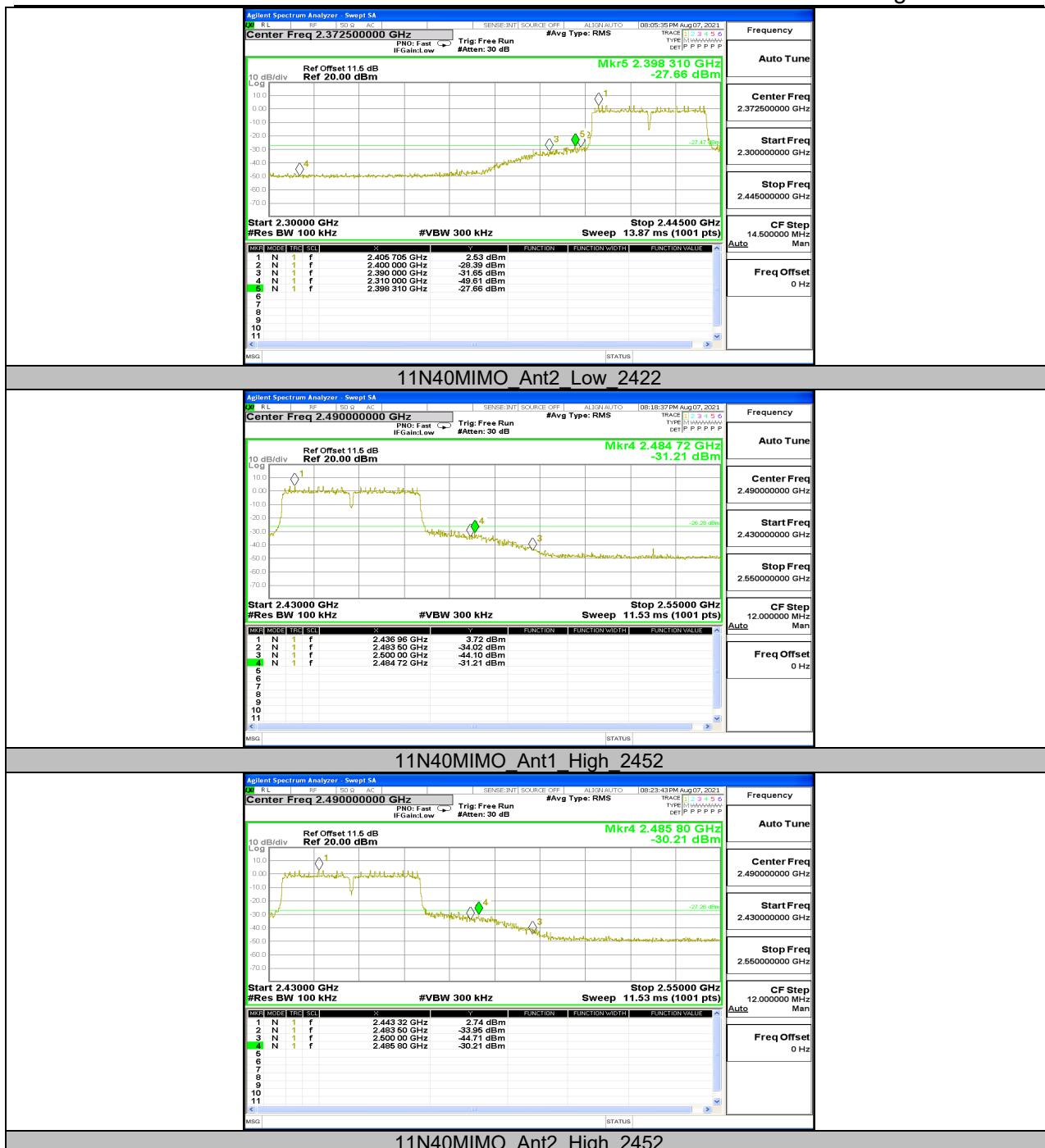


11N20MIMO_Ant1_Low_2412



11N20MIMO_Ant2_Low_2412





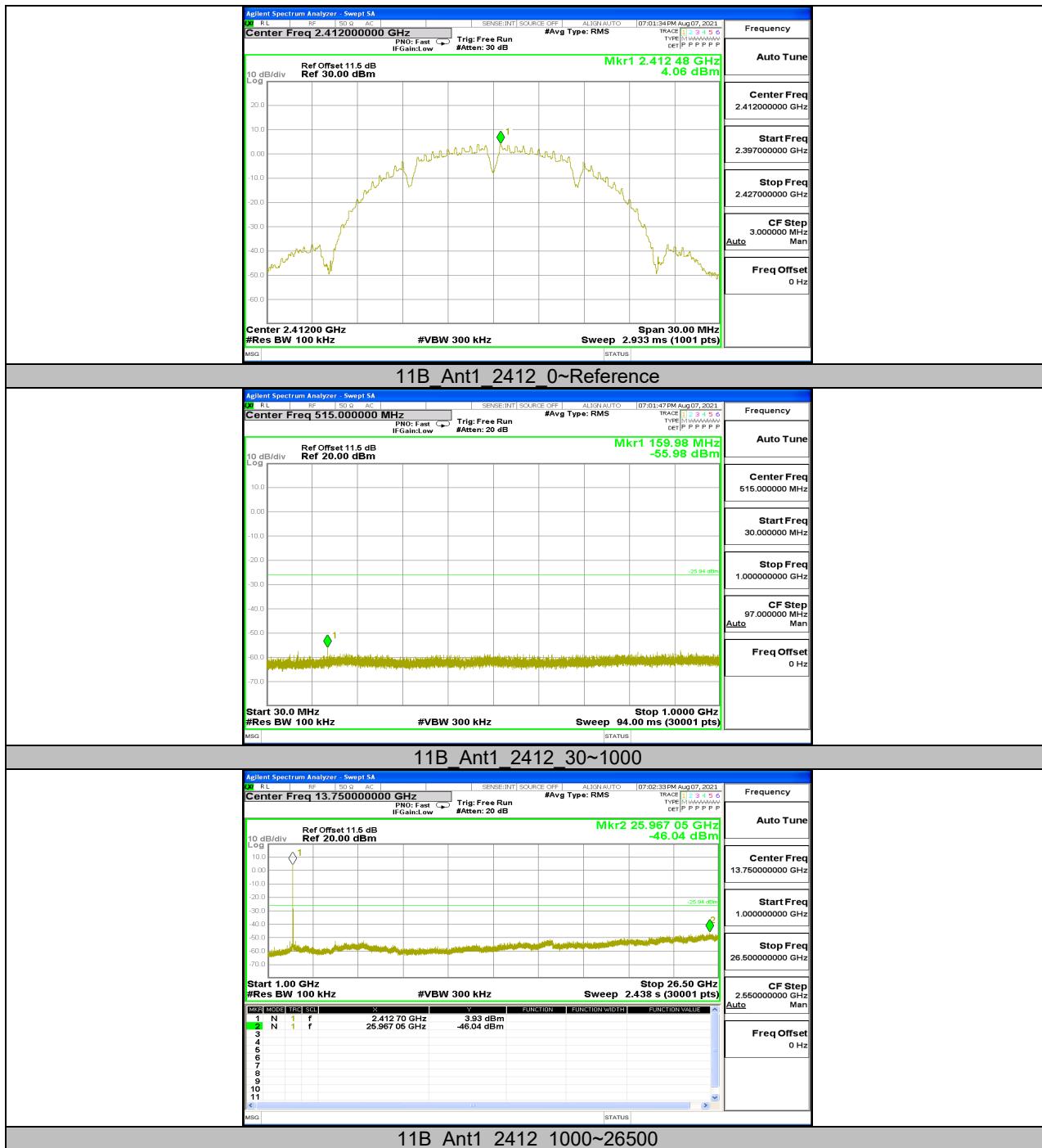
11.6. Appendix F: Conducted Spurious Emission

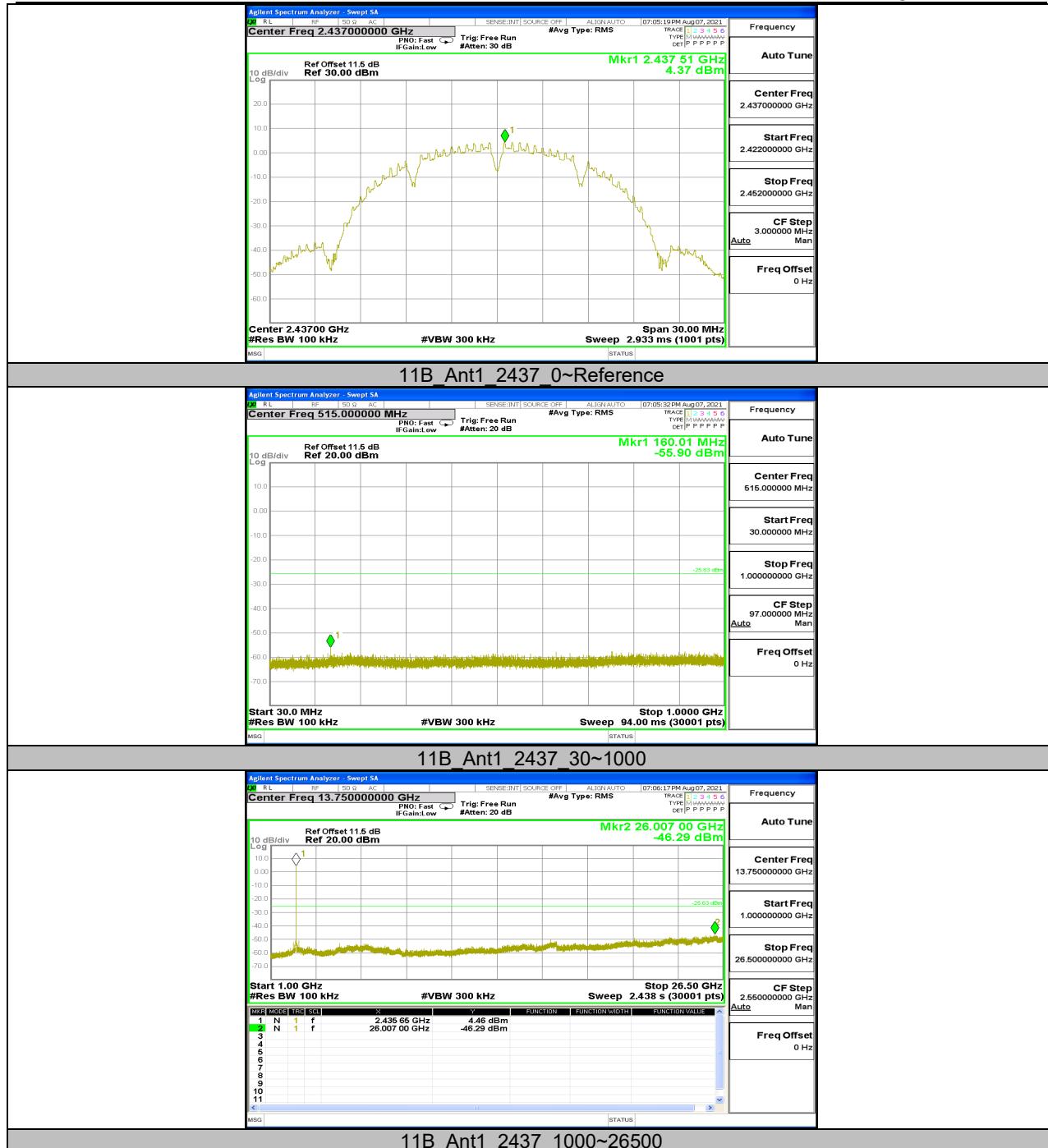
11.6.1. Test Result

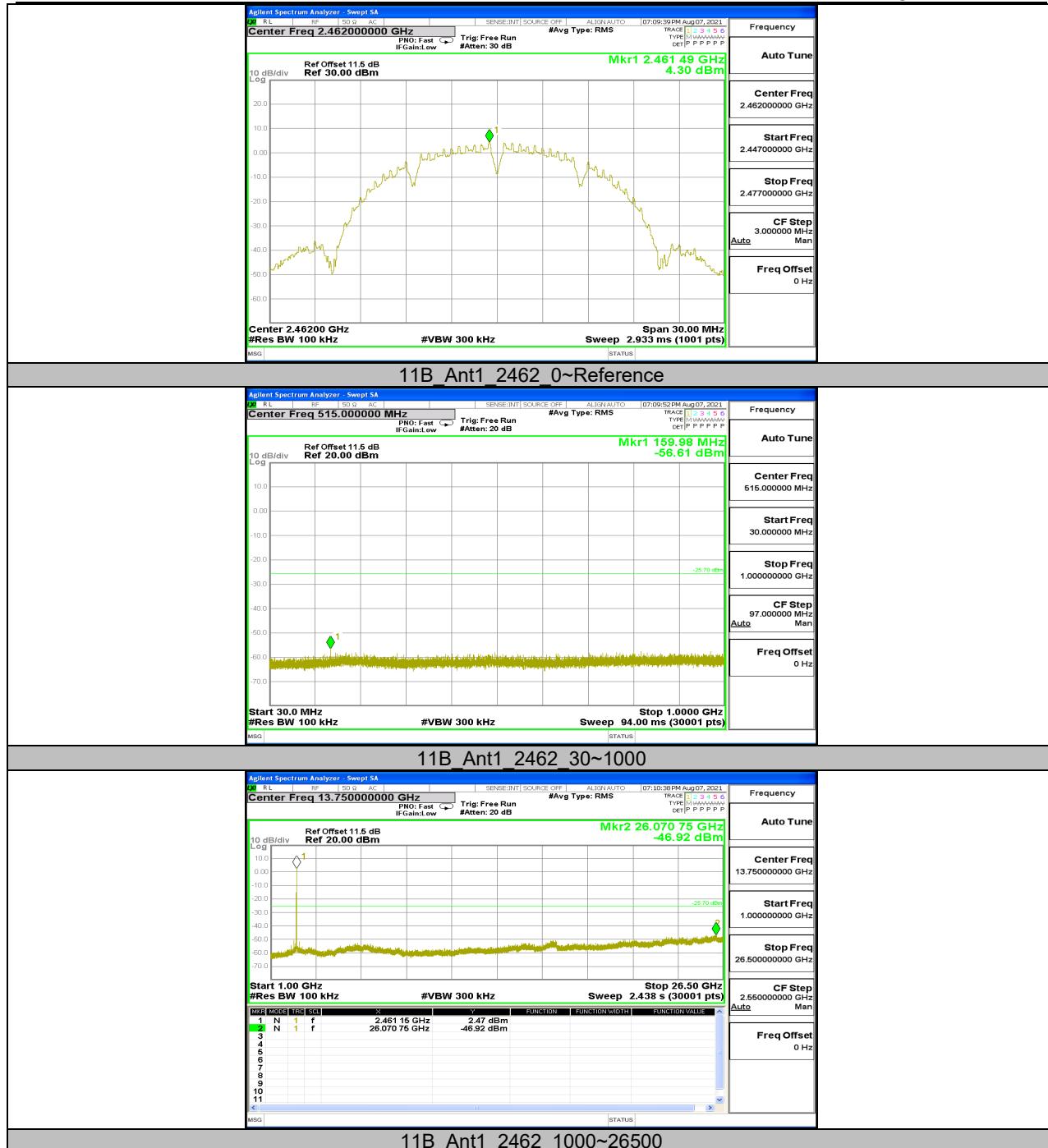
Test Mode	Antenna	Channel	FreqRange [Mhz]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	Reference	4.06	---	PASS
			30~1000	-55.98	≤-25.94	PASS
			1000~26500	-46.04	≤-25.94	PASS
		2437	Reference	4.37	---	PASS
			30~1000	-55.9	≤-25.63	PASS
			1000~26500	-46.29	≤-25.63	PASS
		2462	Reference	4.30	---	PASS
			30~1000	-56.61	≤-25.7	PASS
			1000~26500	-46.92	≤-25.7	PASS
11G	Ant1	2412	Reference	2.62	---	PASS
			30~1000	-52.16	≤-27.39	PASS
			1000~26500	-46.3	≤-27.39	PASS
		2437	Reference	2.85	---	PASS
			30~1000	-53.19	≤-27.15	PASS
			1000~26500	-46.04	≤-27.15	PASS
		2462	Reference	2.17	---	PASS
			30~1000	-52.42	≤-27.83	PASS
			1000~26500	-45.99	≤-27.83	PASS
11N20MIMO	Ant1	2412	Reference	2.91	---	PASS
			30~1000	-52.55	≤-27.09	PASS
			1000~26500	-46.3	≤-27.09	PASS
		2412	Reference	2.10	---	PASS
			30~1000	-54.53	≤-27.9	PASS
			1000~26500	-46.53	≤-27.9	PASS
	Ant2	2437	Reference	2.94	---	PASS
			30~1000	-51.98	≤-27.06	PASS
			1000~26500	-46.41	≤-27.06	PASS
		2437	Reference	2.48	---	PASS
			30~1000	-54.99	≤-27.52	PASS
			1000~26500	-46.19	≤-27.52	PASS
	Ant1	2462	Reference	3.01	---	PASS
			30~1000	-52.63	≤-26.99	PASS
			1000~26500	-45.7	≤-26.99	PASS
		2462	Reference	2.78	---	PASS
			30~1000	-54.47	≤-27.23	PASS
			1000~26500	-46.61	≤-27.23	PASS
11N40MIMO	Ant1	2422	Reference	3.84	---	PASS
			30~1000	-49.09	≤-26.16	PASS
			1000~26500	-45.72	≤-26.16	PASS
		2422	Reference	2.69	---	PASS
			30~1000	-52.79	≤-27.31	PASS
			1000~26500	-46.49	≤-27.31	PASS
	Ant2	2437	Reference	3.60	---	PASS
			30~1000	-47.5	≤-26.4	PASS
			1000~26500	-46.38	≤-26.4	PASS
		2437	Reference	2.91	---	PASS
			30~1000	-52.08	≤-27.09	PASS
			1000~26500	-46.39	≤-27.09	PASS
	Ant1	2452	Reference	3.66	---	PASS
			30~1000	-50.32	≤-26.34	PASS
			1000~26500	-46.58	≤-26.34	PASS
		2452	Reference	2.52	---	PASS
			30~1000	-53.7	≤-27.48	PASS
			1000~26500	-46.66	≤-27.48	PASS

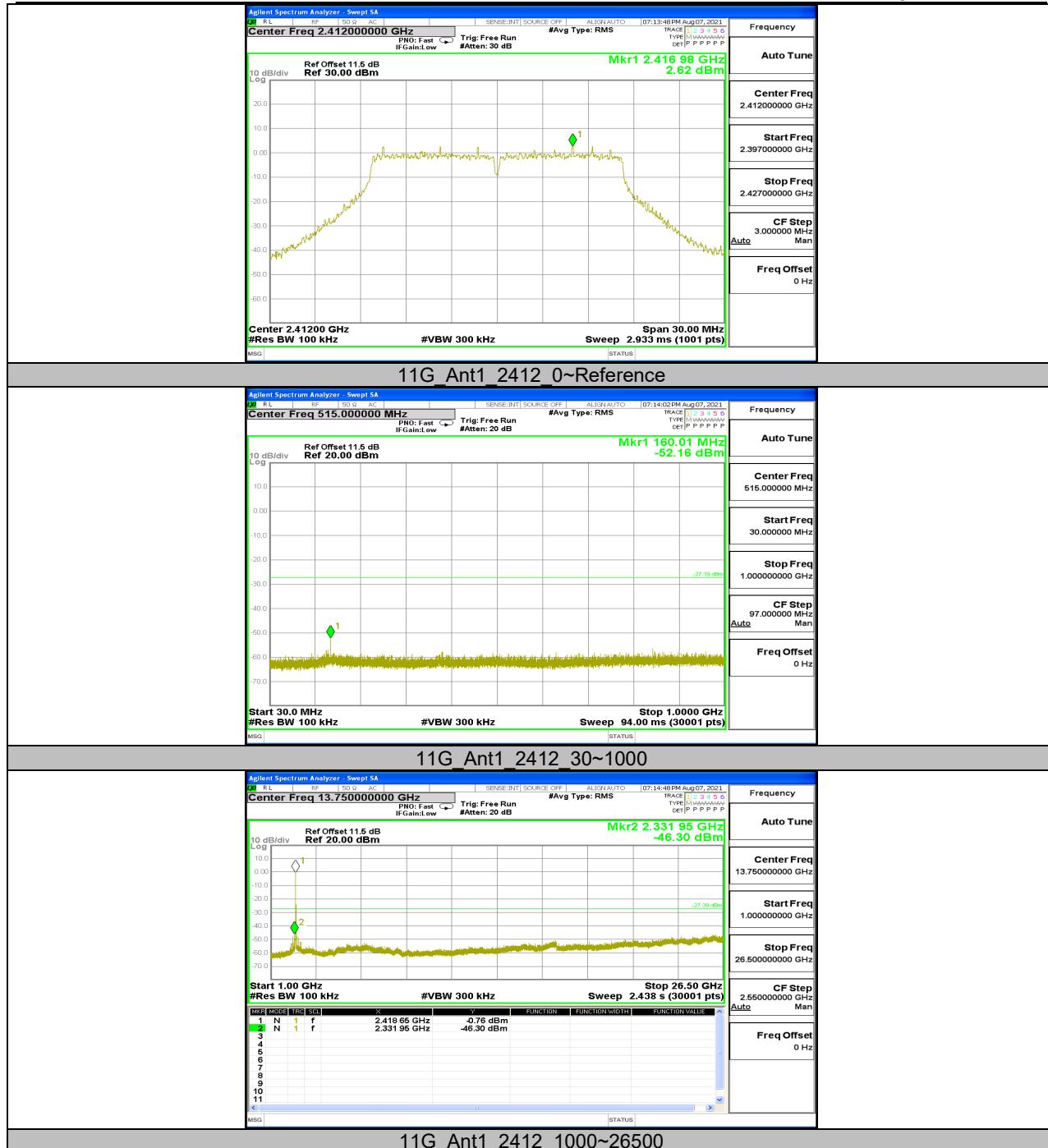
Note: For 802.11b & g modes, both antennas had been tested, only the worst data was recorded in the report.

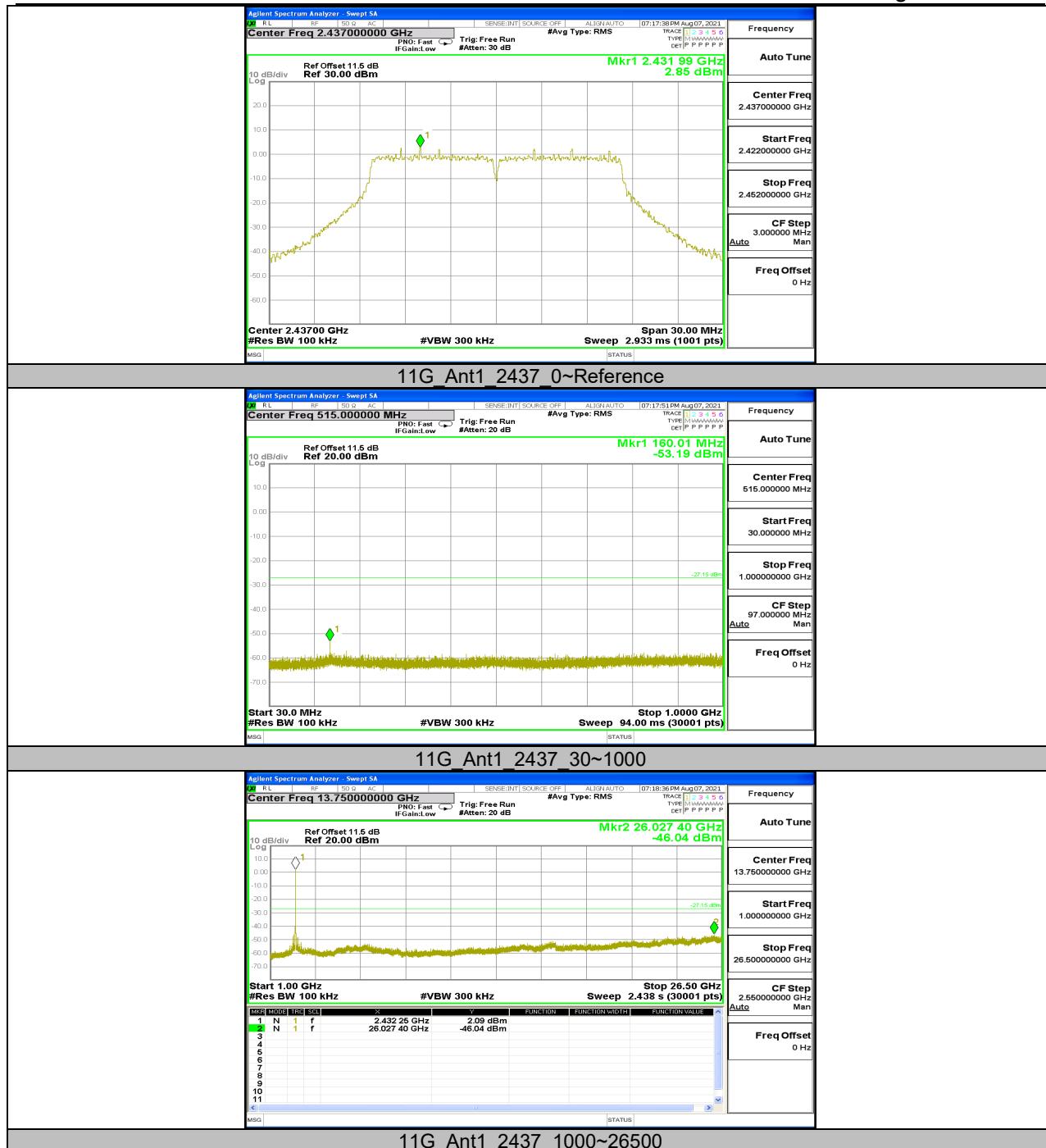
11.6.2. Test Graphs

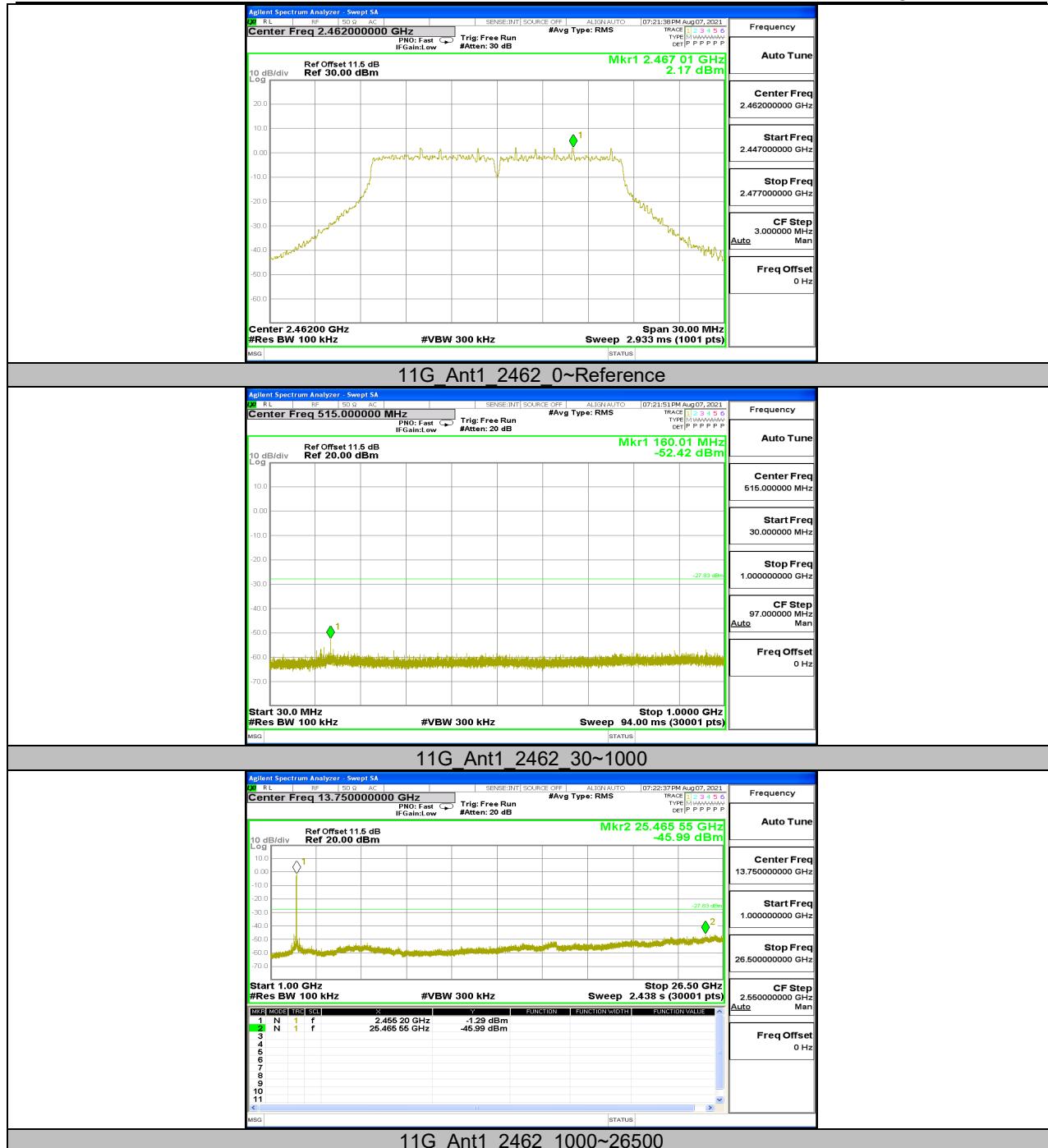


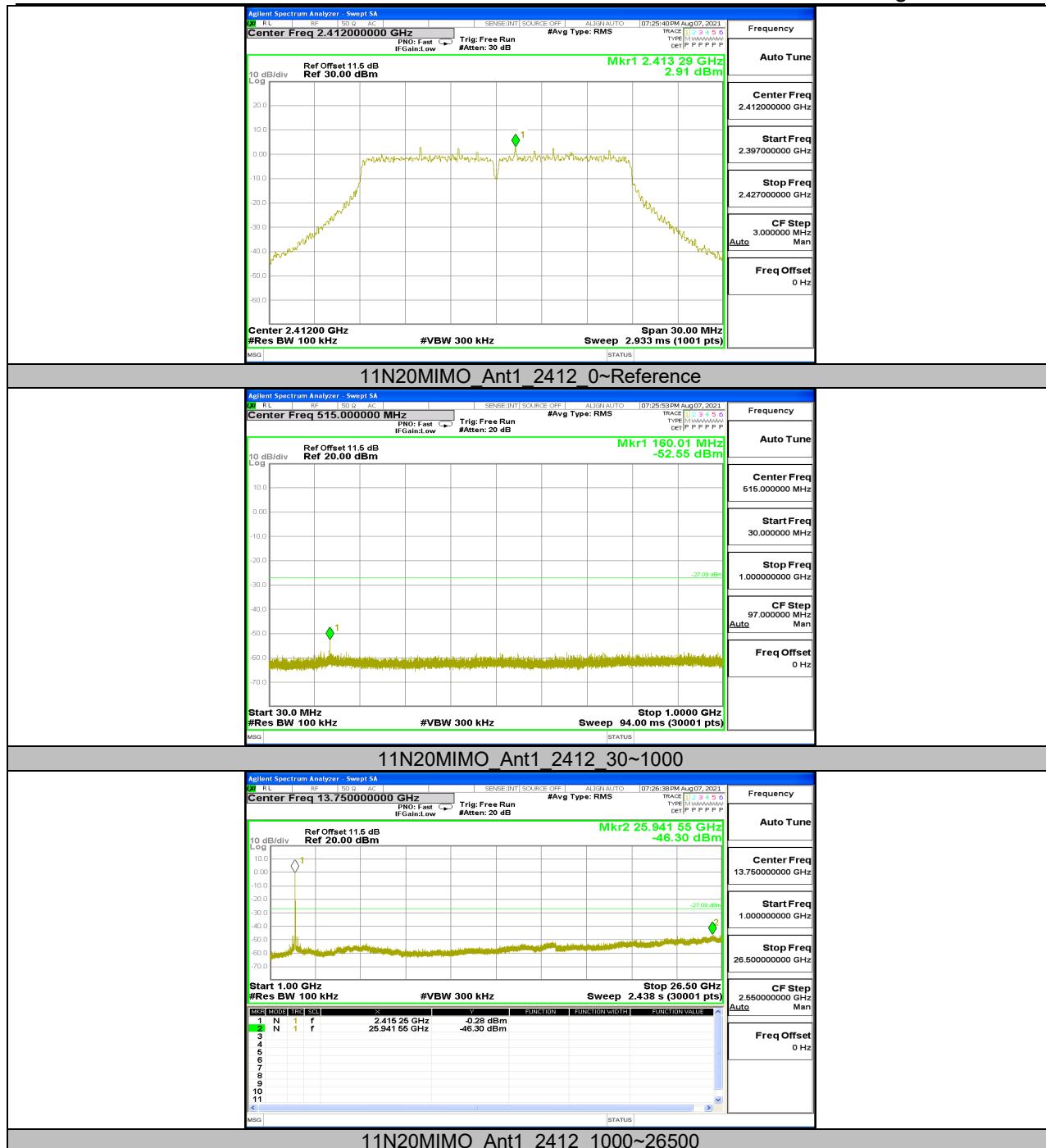


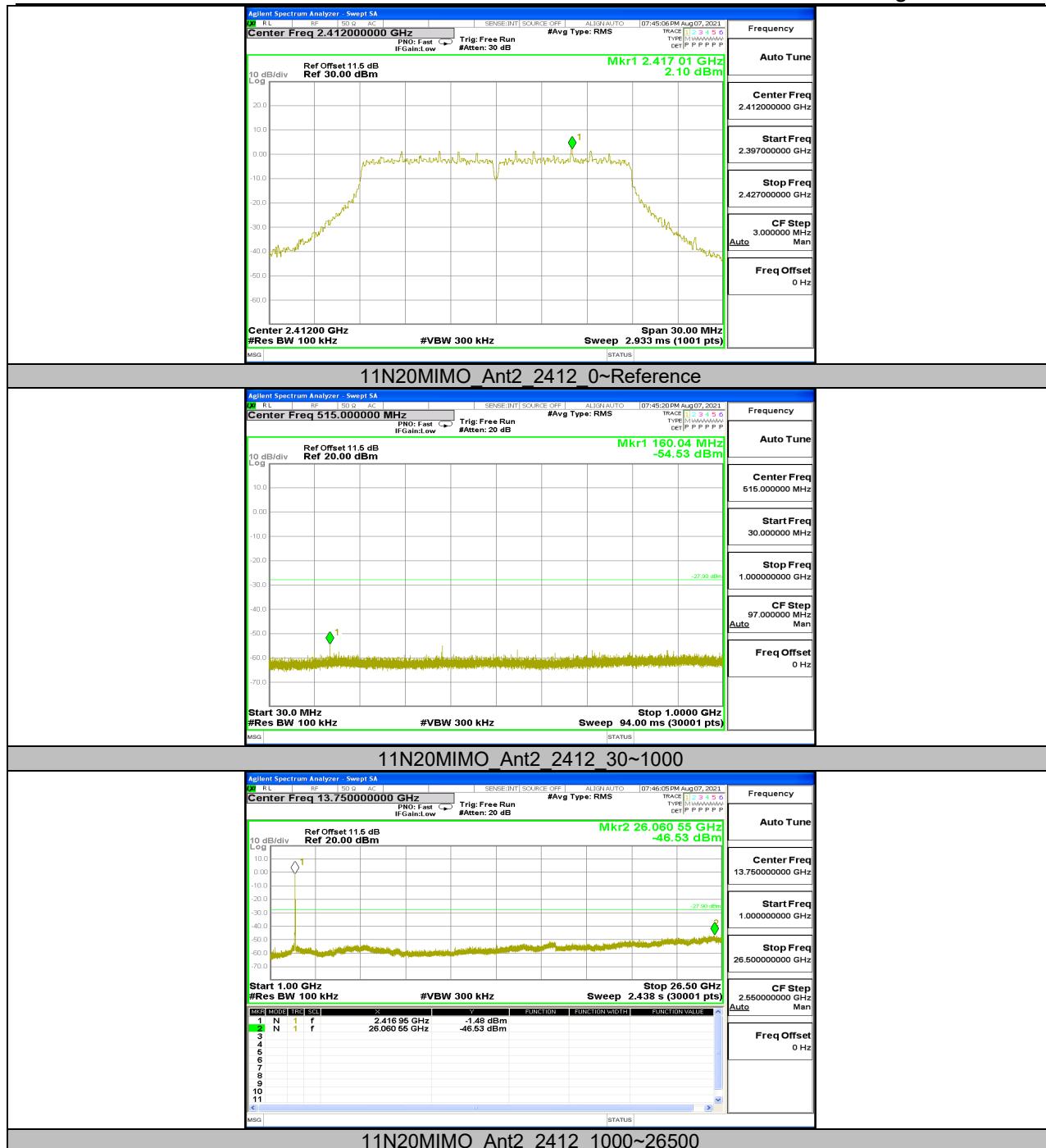


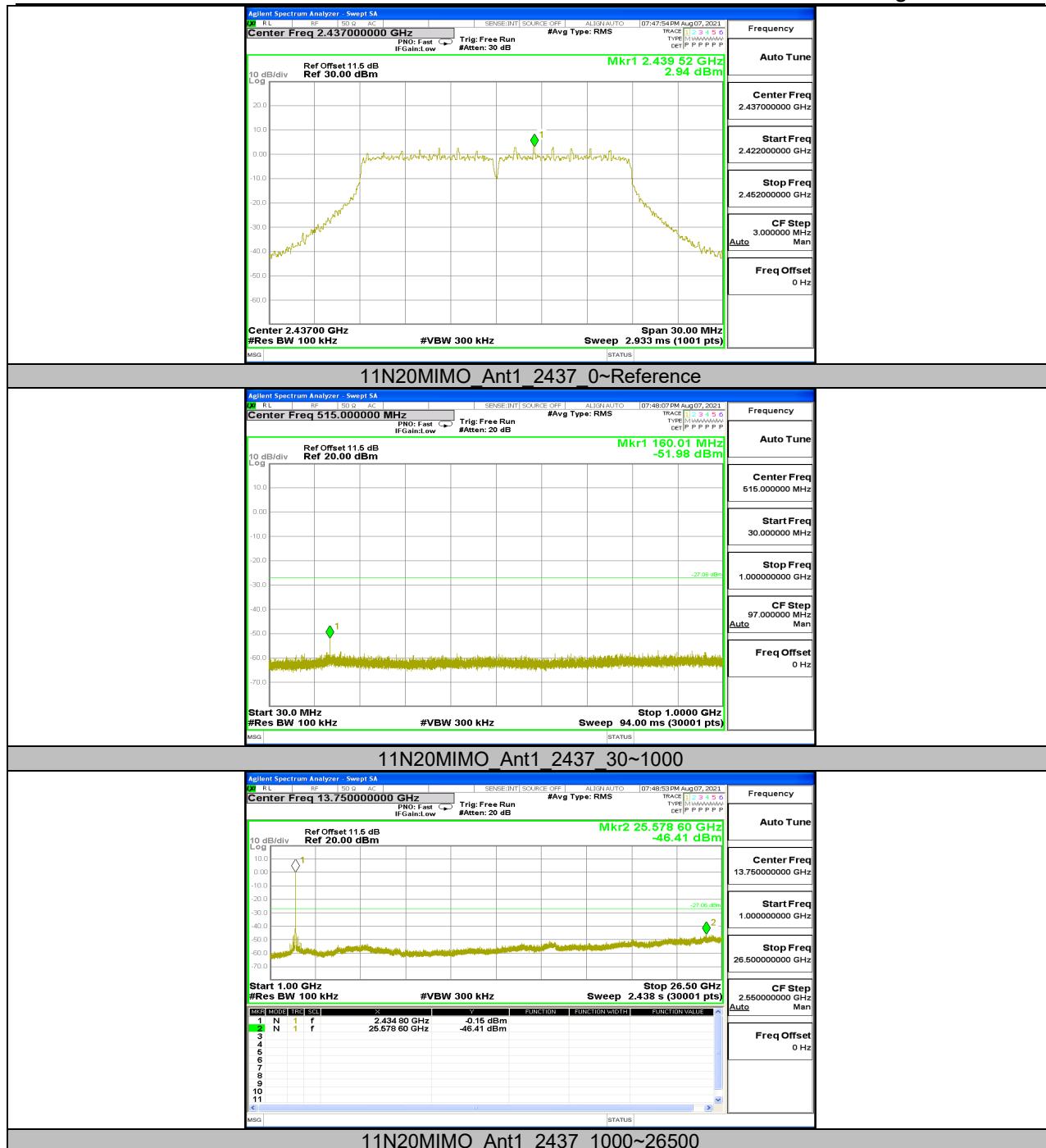


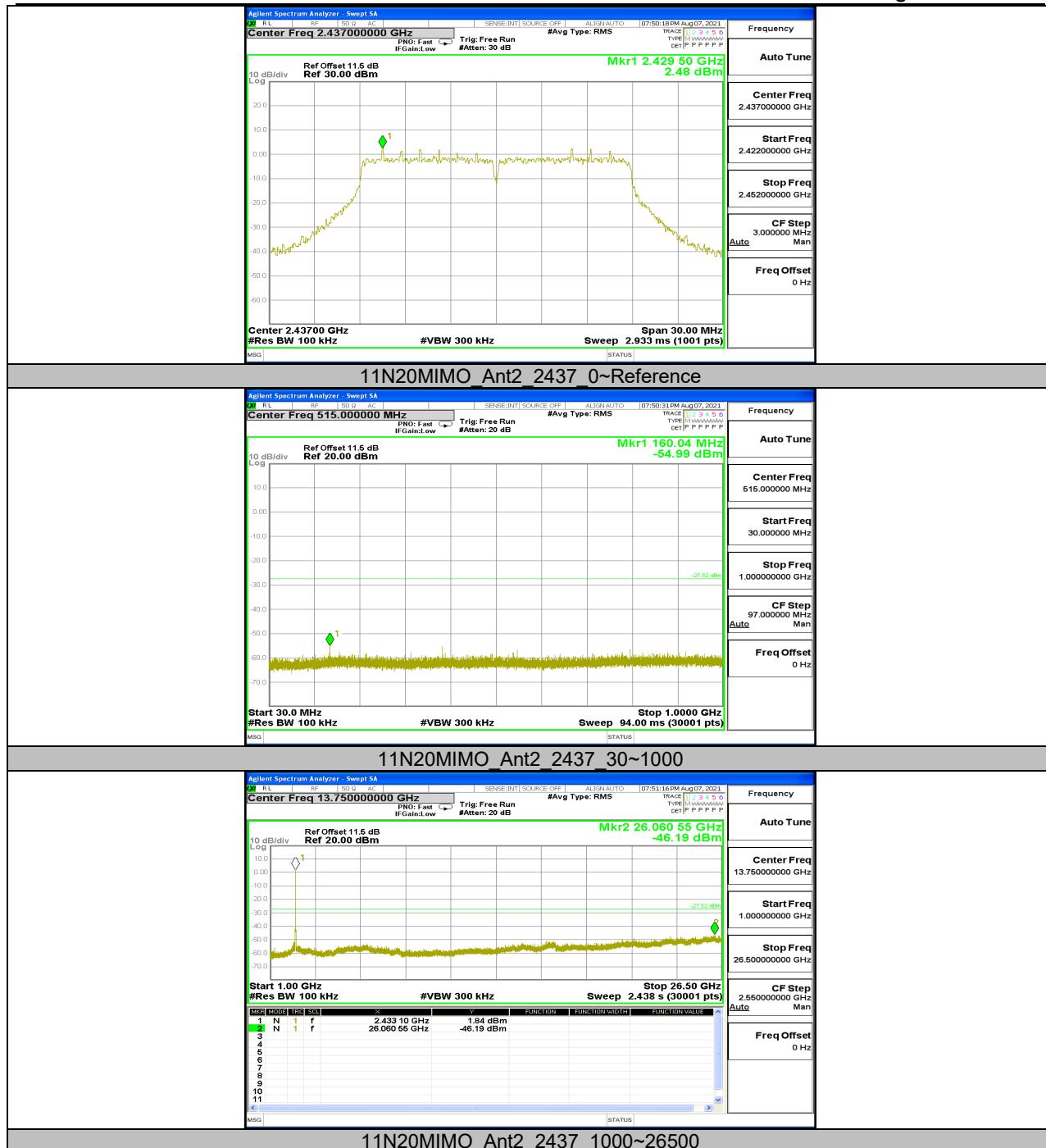


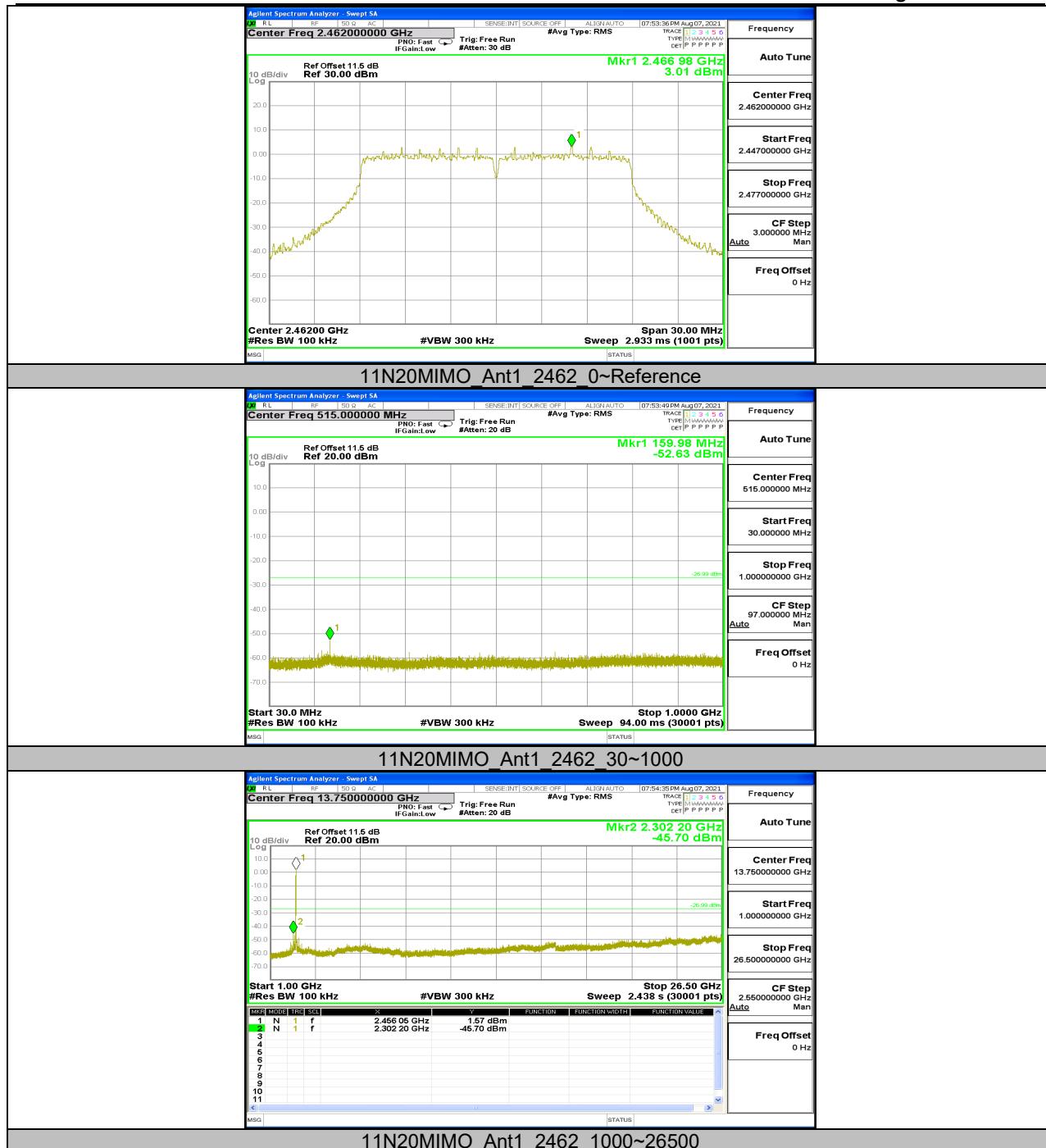


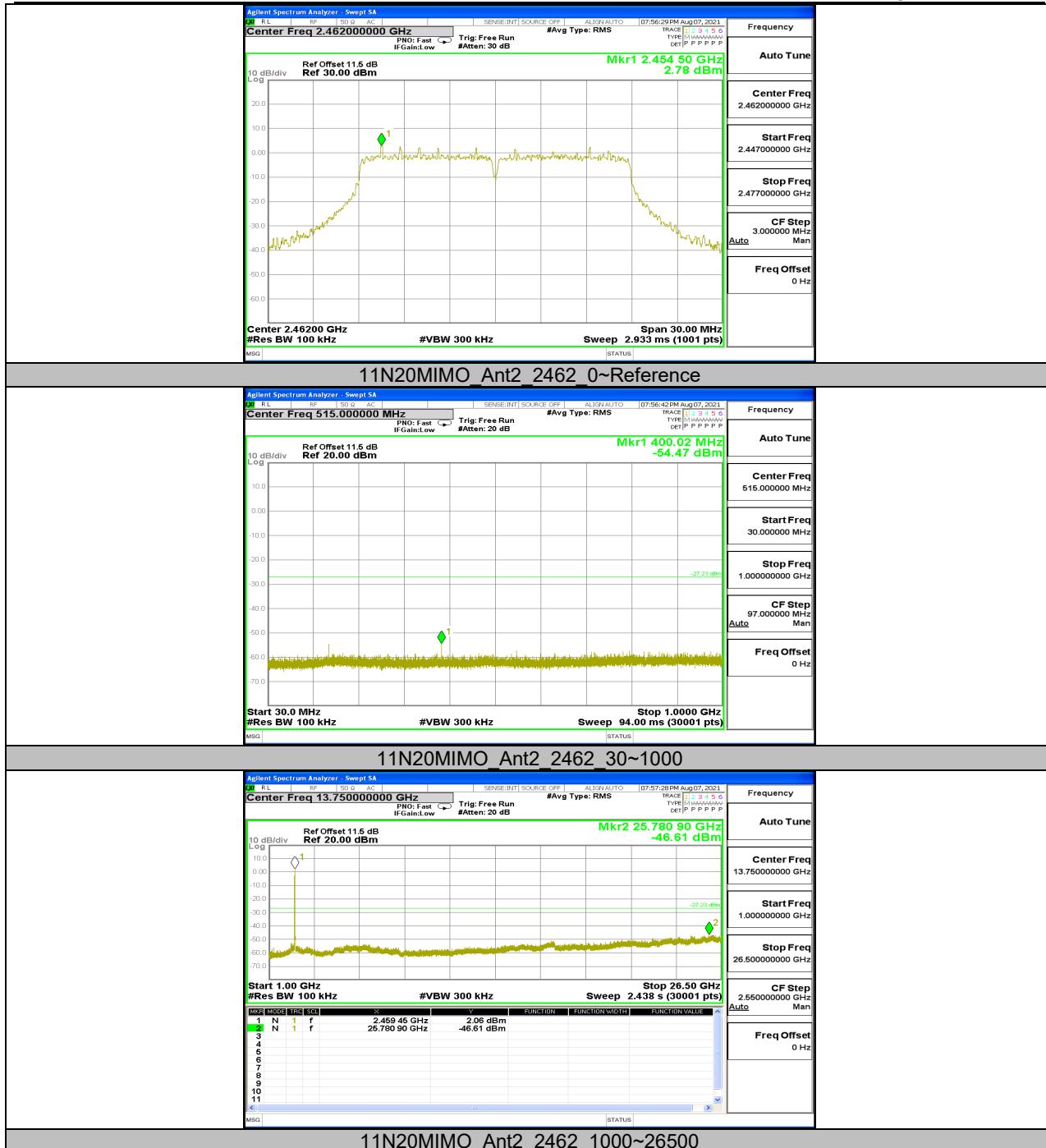


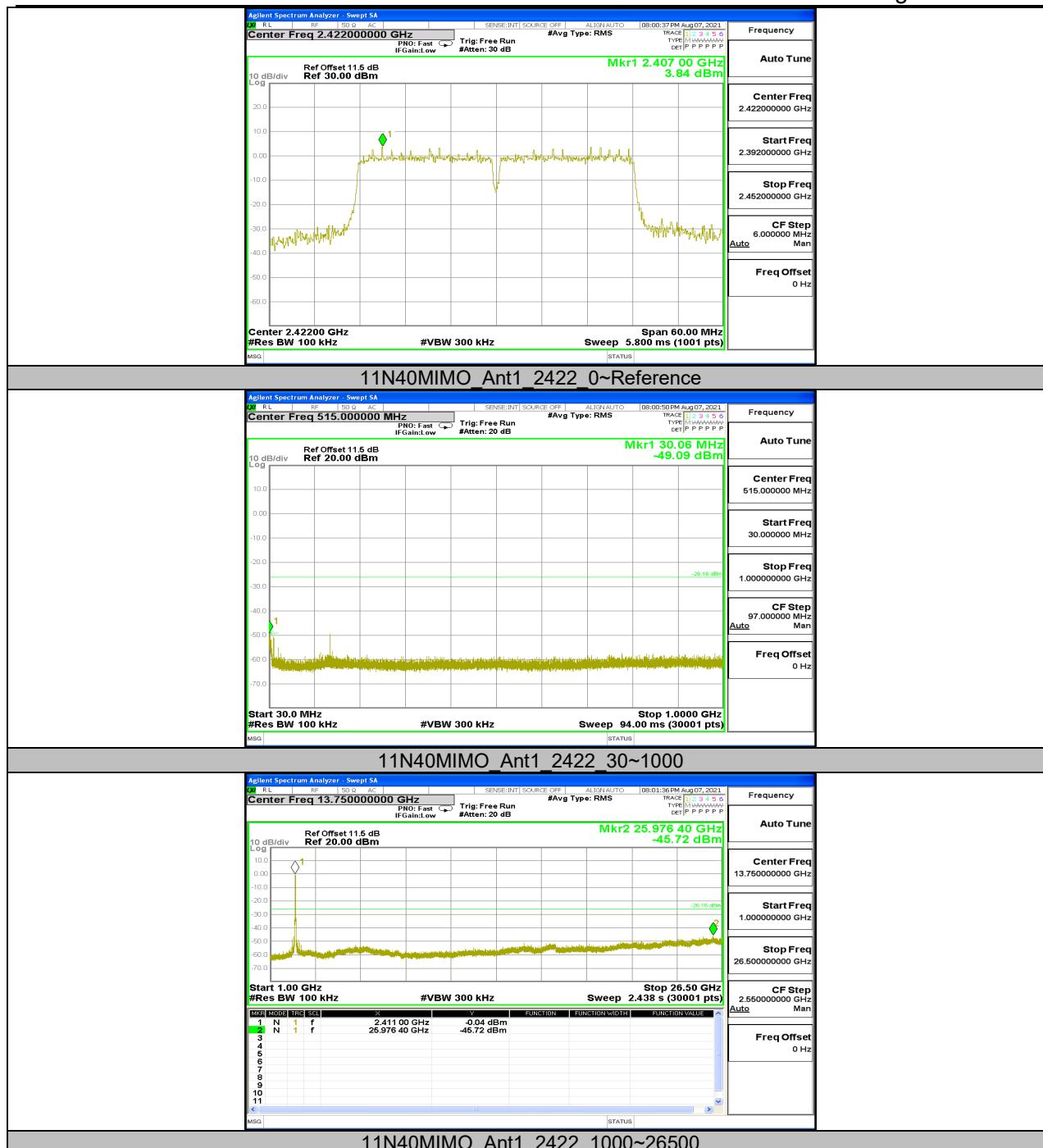


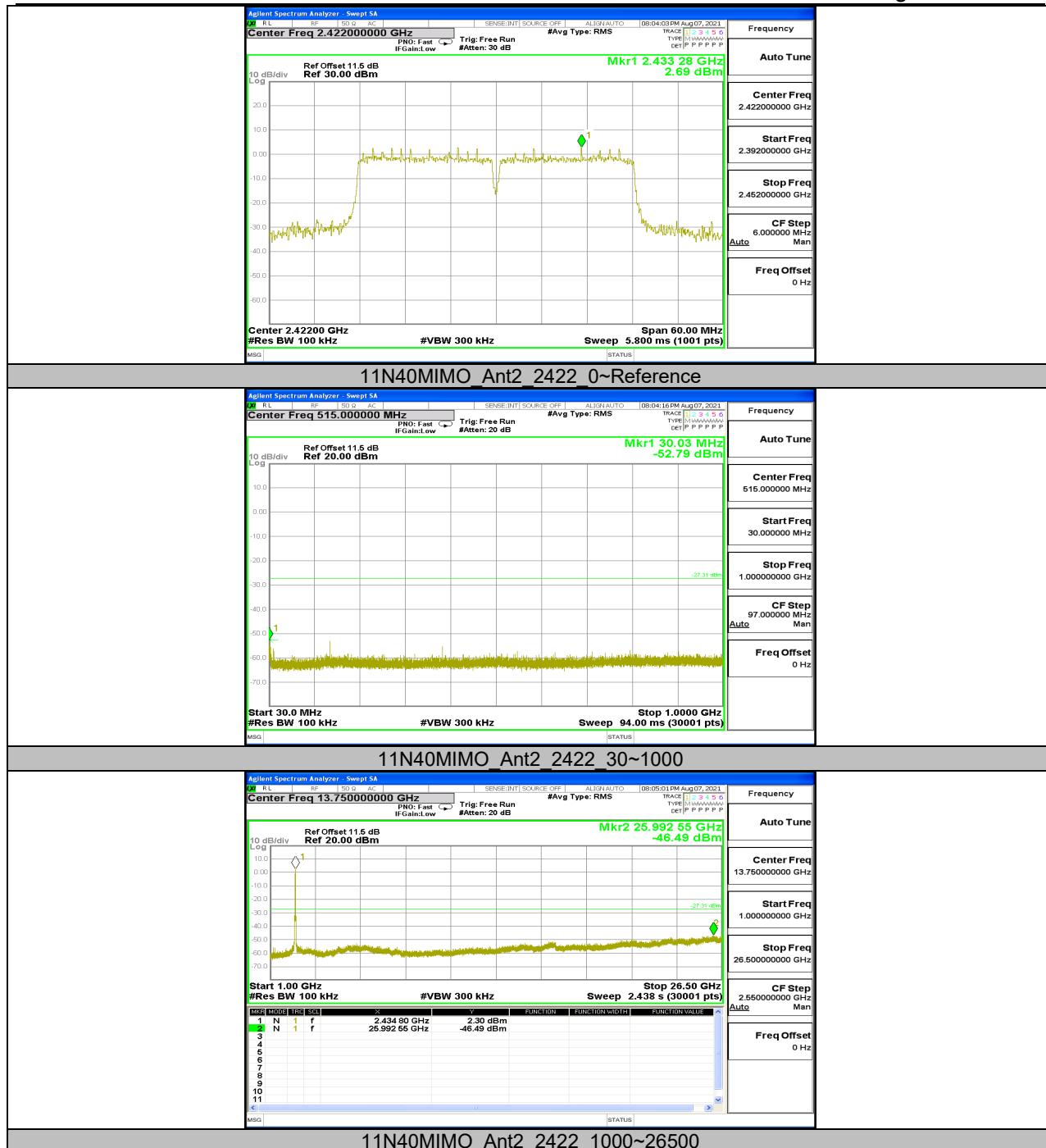


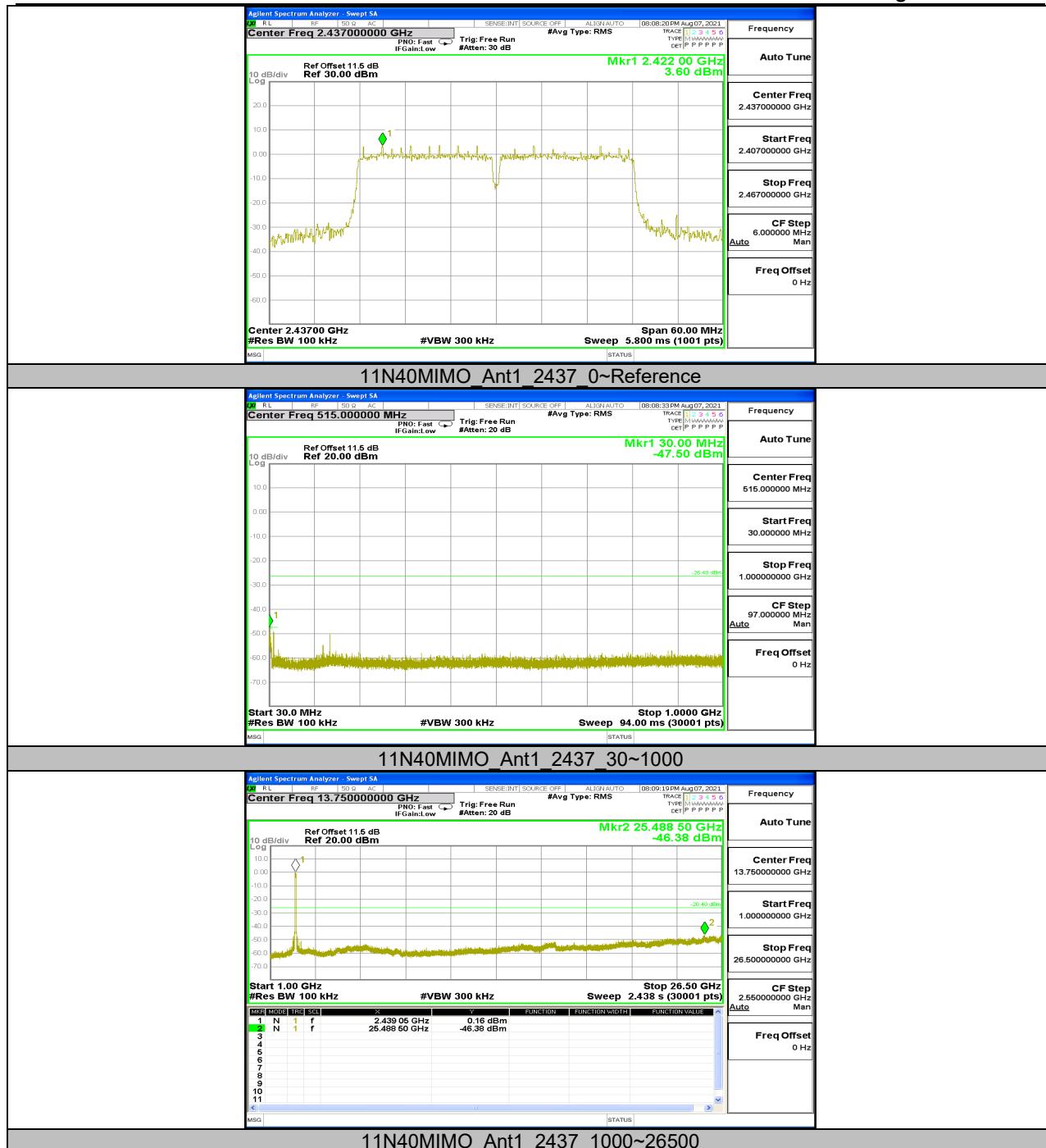


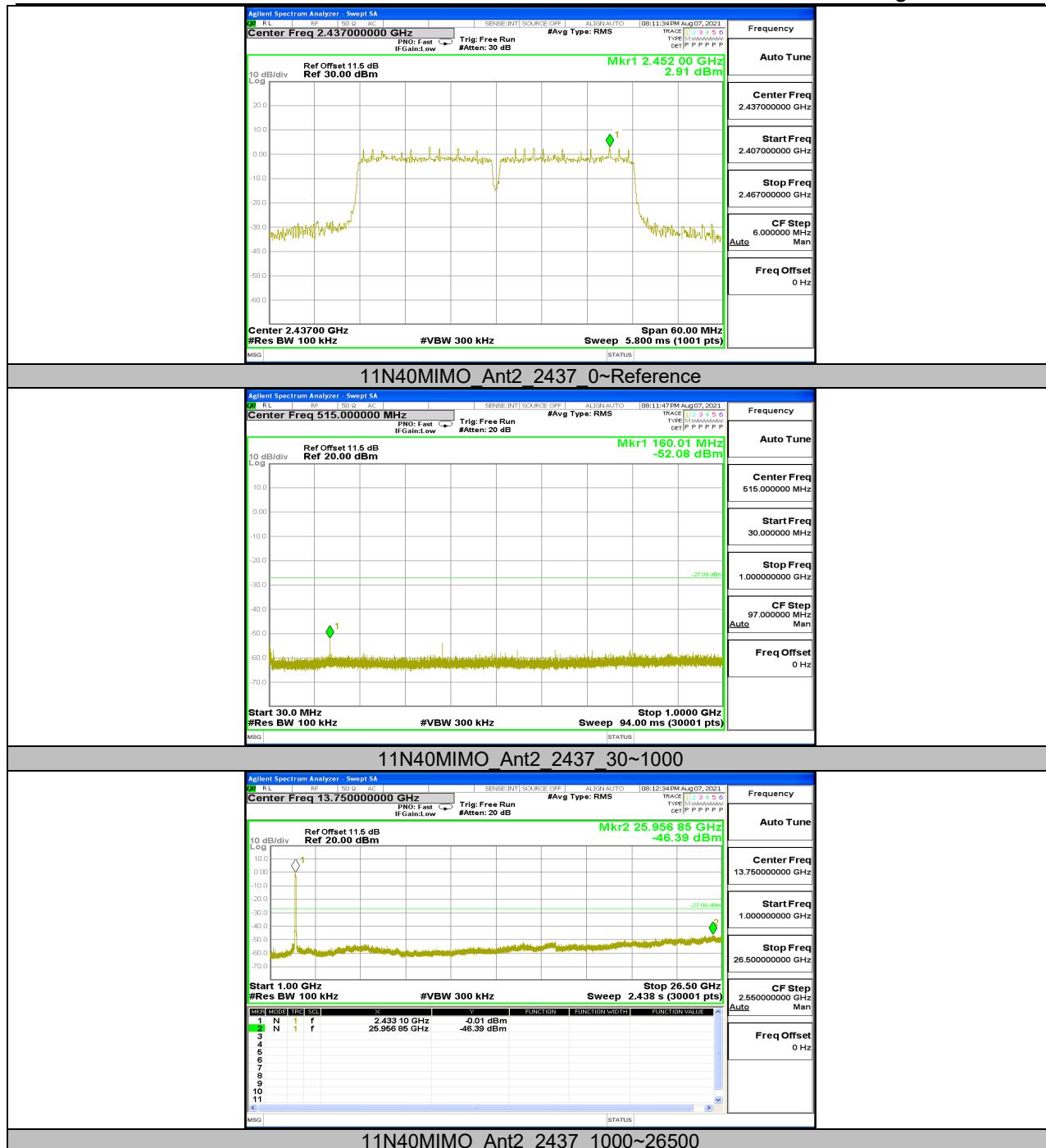


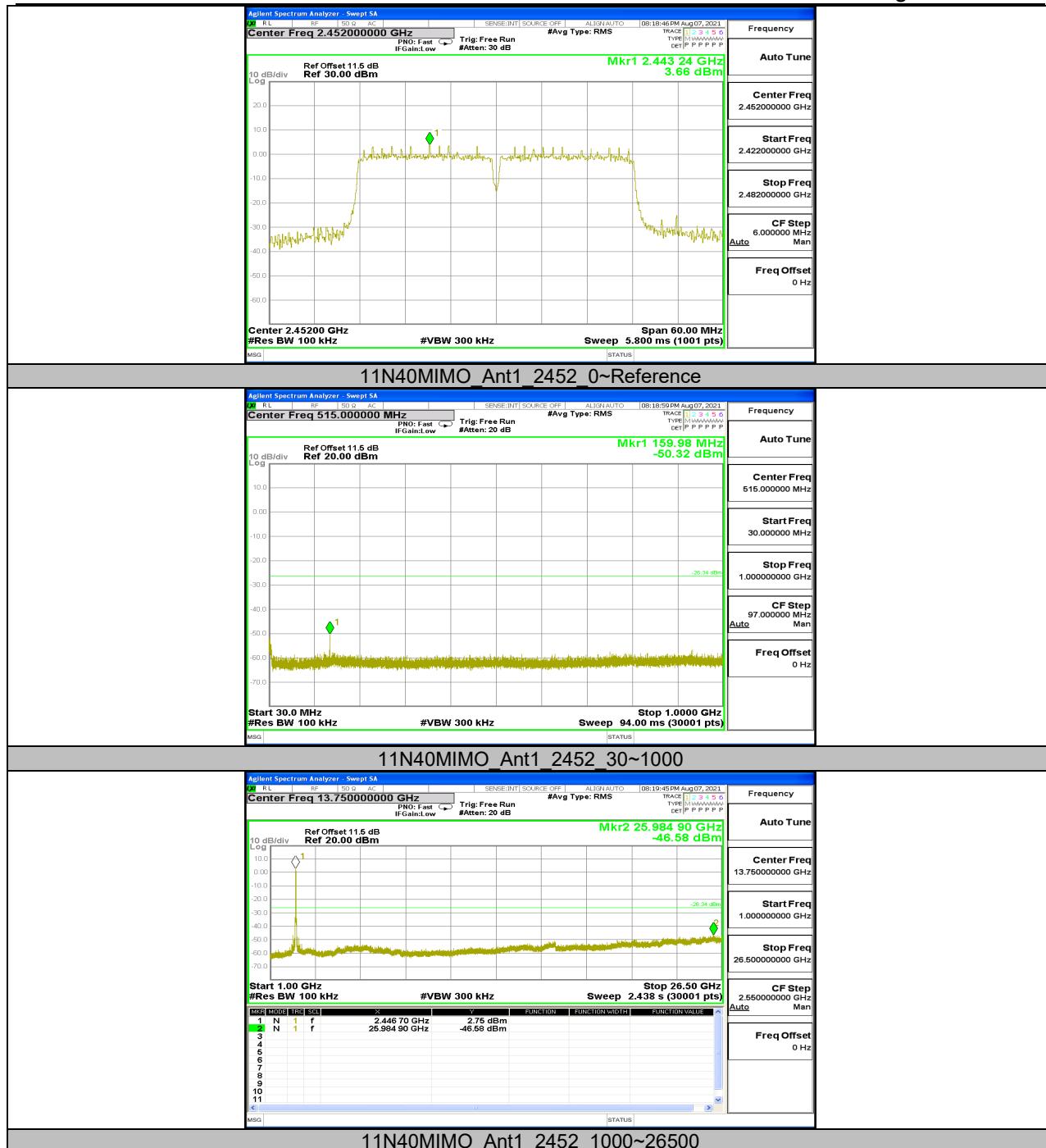


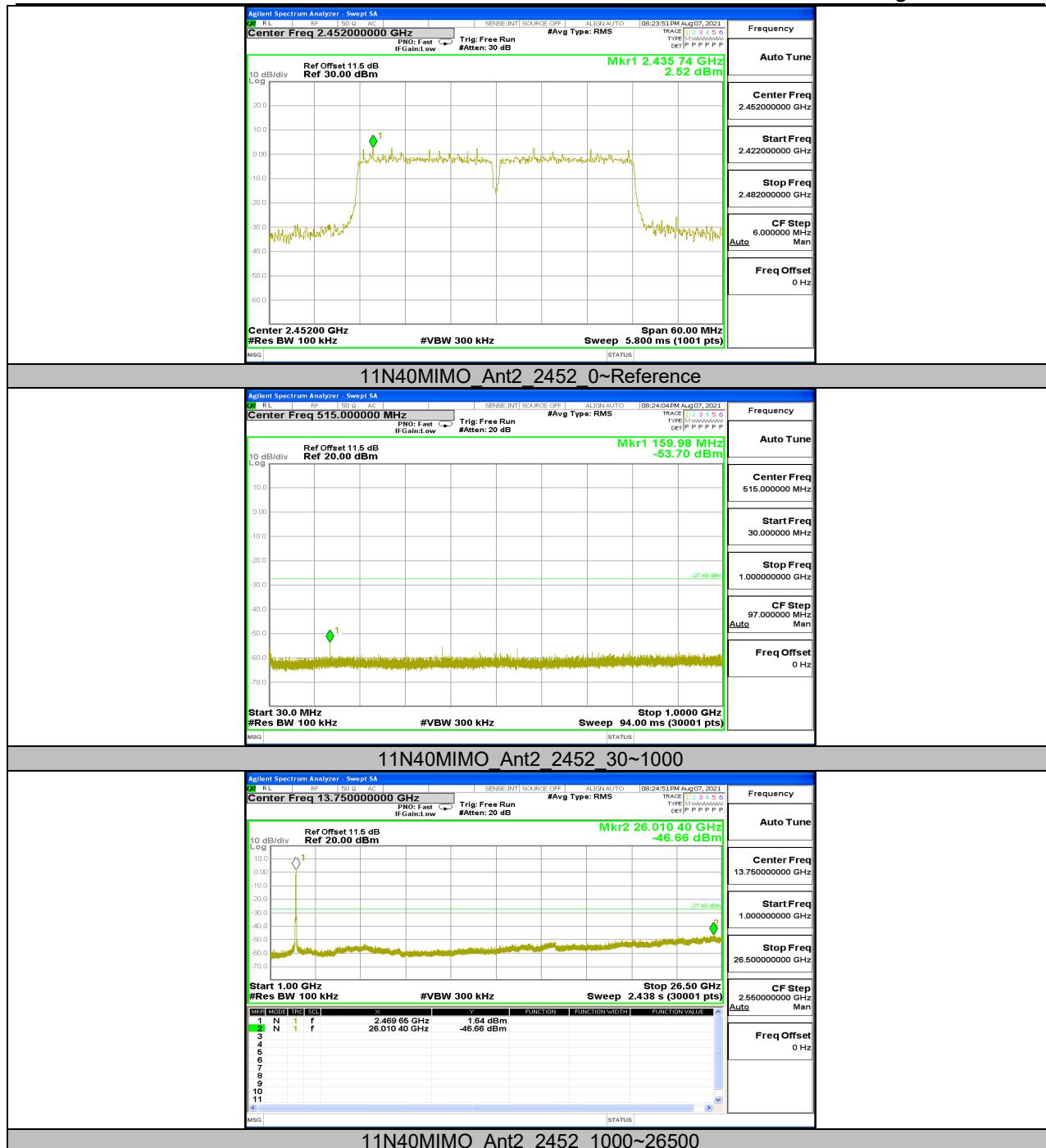












11.7. Appendix G: Duty Cycle

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)
11B	12.42	12.47	0.9960	99.60	0.02	0.08	0.01
11G	2.064	2.307	0.8947	89.47	0.48	0.48	0.5
11N20MIMO	1.917	2.175	0.8814	88.14	0.55	0.52	1
11N40MIMO	1.904	2.175	0.8754	87.54	0.58	0.53	1

Note:

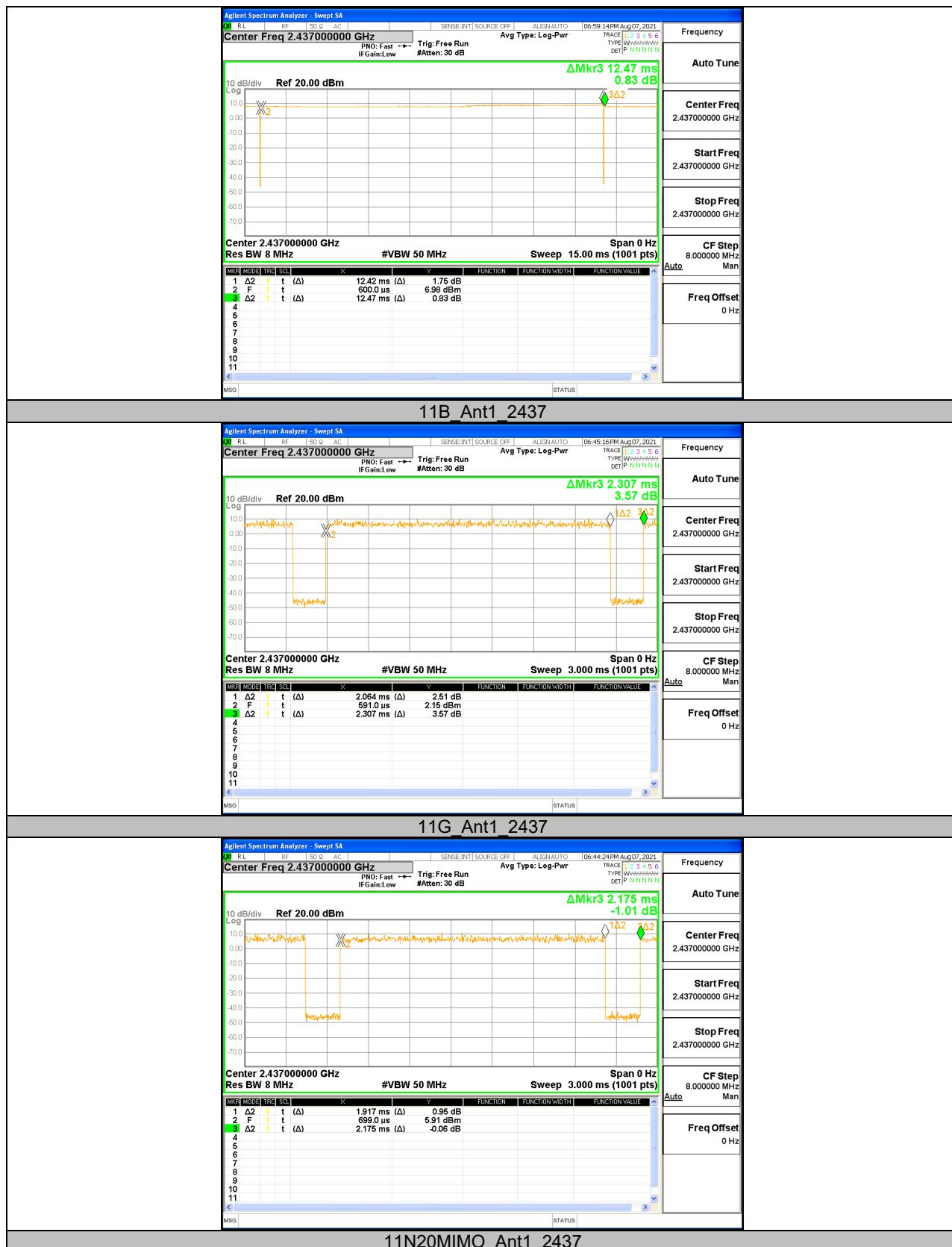
Duty Cycle Correction Factor=10log (1/x).

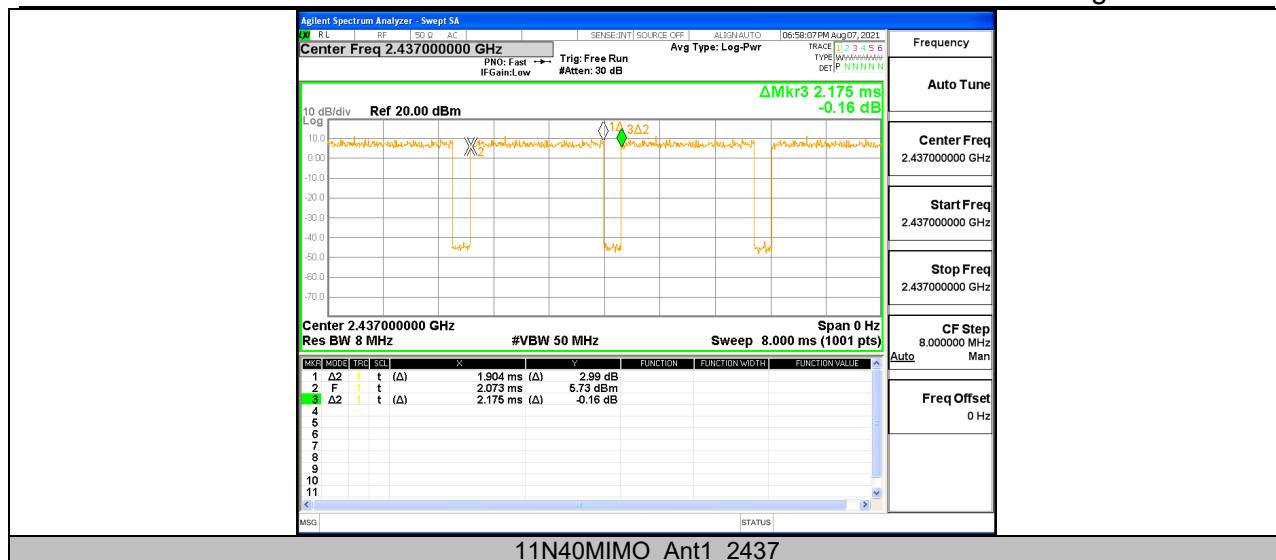
Where: x is Duty Cycle (Linear)

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





 END OF REPORT