

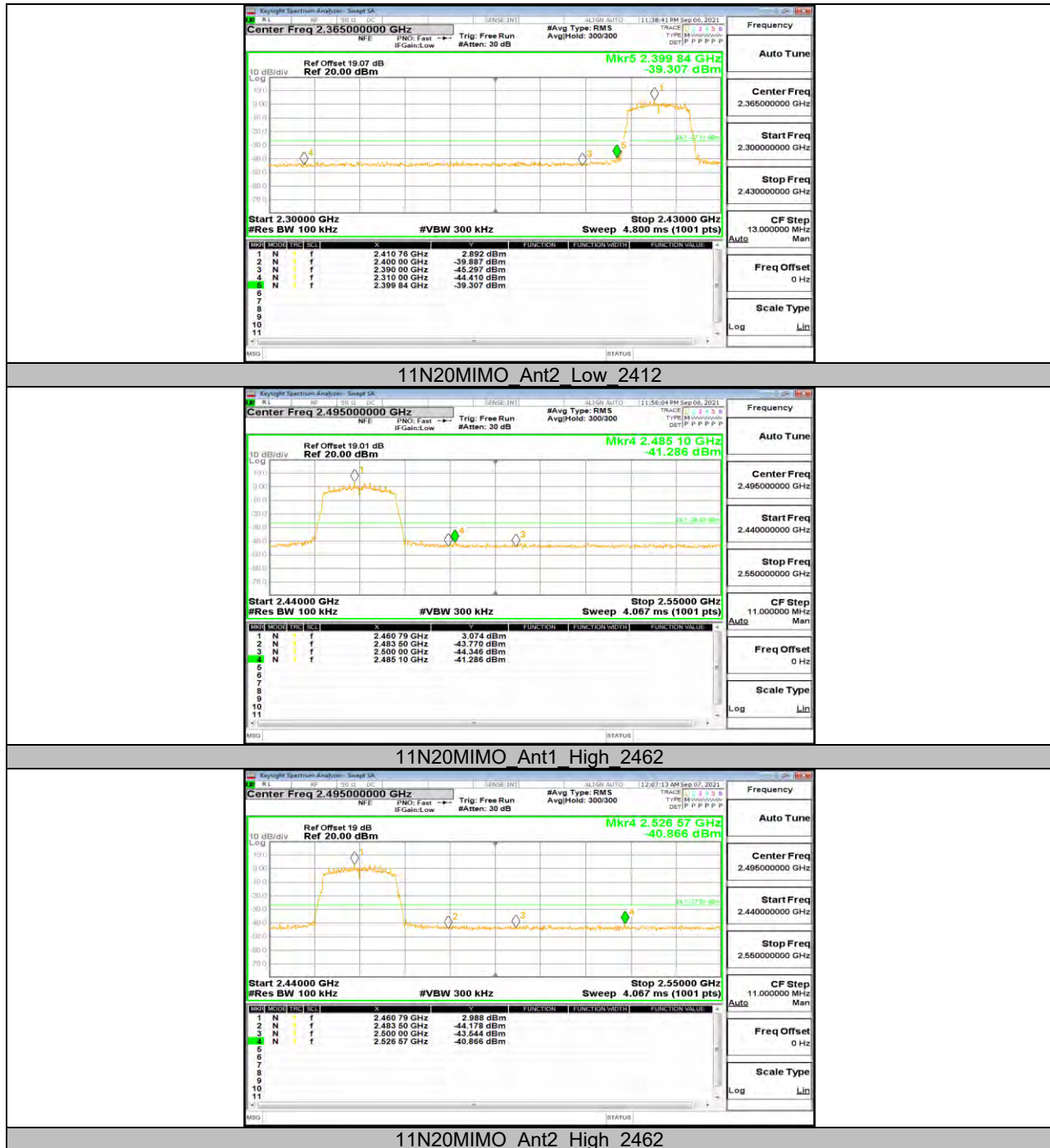


11.5.2. Test Graphs













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	6.05	---	PASS
			30~1000	-53.18	<=-23.95	PASS
			1000~26500	-44.55	<=-23.95	PASS
	Ant2	2412	Reference	5.71	---	PASS
			30~1000	-54.1	<=-24.29	PASS
			1000~26500	-45.24	<=-24.29	PASS
	Ant1	2437	Reference	5.88	---	PASS
			30~1000	-54.08	<=-24.13	PASS
			1000~26500	-44.27	<=-24.13	PASS
	Ant2	2437	Reference	5.74	---	PASS
			30~1000	-53.83	<=-24.26	PASS
			1000~26500	-45.37	<=-24.26	PASS
11G	Ant1	2412	Reference	5.82	---	PASS
			30~1000	-53.78	<=-24.18	PASS
			1000~26500	-45.57	<=-24.18	PASS
	Ant2	2412	Reference	6.70	---	PASS
			30~1000	-52.89	<=-23.3	PASS
			1000~26500	-45.34	<=-23.3	PASS
	Ant1	2437	Reference	2.23	---	PASS
			30~1000	-53.26	<=-27.77	PASS
			1000~26500	-45.26	<=-27.77	PASS
	Ant2	2437	Reference	2.60	---	PASS
			30~1000	-53.21	<=-27.41	PASS
			1000~26500	-45.35	<=-27.41	PASS
11N20MIMO	Ant1	2412	Reference	3.24	---	PASS
			30~1000	-53.82	<=-26.76	PASS
			1000~26500	-44.43	<=-26.76	PASS
	Ant2	2437	Reference	3.18	---	PASS
			30~1000	-54	<=-26.82	PASS
			1000~26500	-45.25	<=-26.82	PASS
	Ant1	2462	Reference	2.13	---	PASS
			30~1000	-53.84	<=-27.88	PASS
			1000~26500	-44.94	<=-27.88	PASS
	Ant2	2462	Reference	3.26	---	PASS
			30~1000	-53.74	<=-26.74	PASS
			1000~26500	-45.16	<=-26.74	PASS
11N20MIMO	Ant1	2412	Reference	1.54	---	PASS
			30~1000	-54.02	<=-28.46	PASS
			1000~26500	-45.59	<=-28.46	PASS
	Ant2	2412	Reference	2.45	---	PASS
			30~1000	-53.95	<=-27.55	PASS
			1000~26500	-45.02	<=-27.55	PASS
	Ant1	2437	Reference	2.85	---	PASS
			30~1000	-54.16	<=-27.15	PASS
			1000~26500	-44.85	<=-27.15	PASS
	Ant2	2437	Reference	2.33	---	PASS
			30~1000	-53.54	<=-27.67	PASS
			1000~26500	-45.2	<=-27.67	PASS
11N20MIMO	Ant1	2462	Reference	1.63	---	PASS
			30~1000	-52.15	<=-28.37	PASS
			1000~26500	-45.68	<=-28.37	PASS
	Ant2	2462	Reference	1.23	---	PASS
			30~1000	-53.8	<=-28.77	PASS

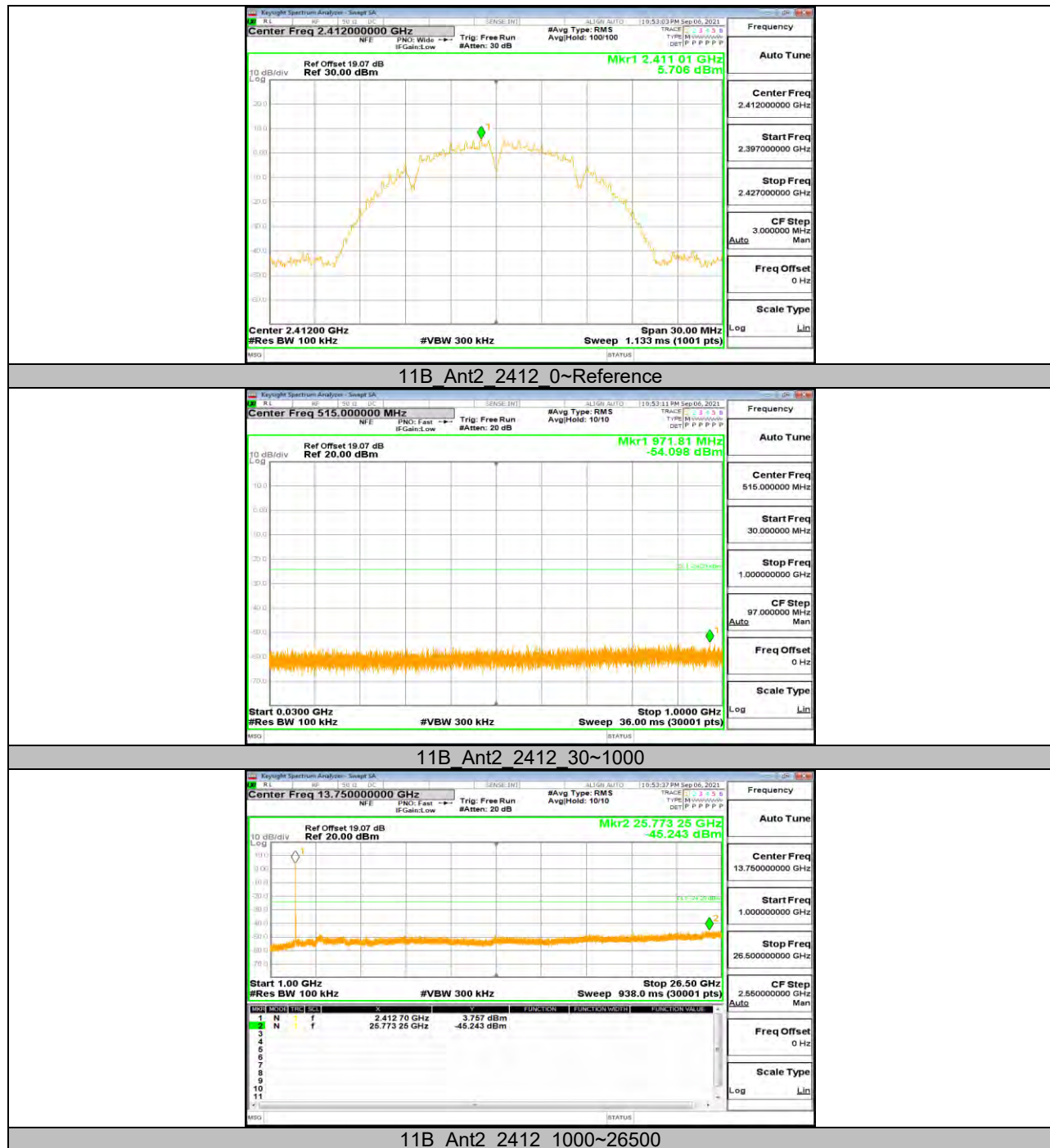


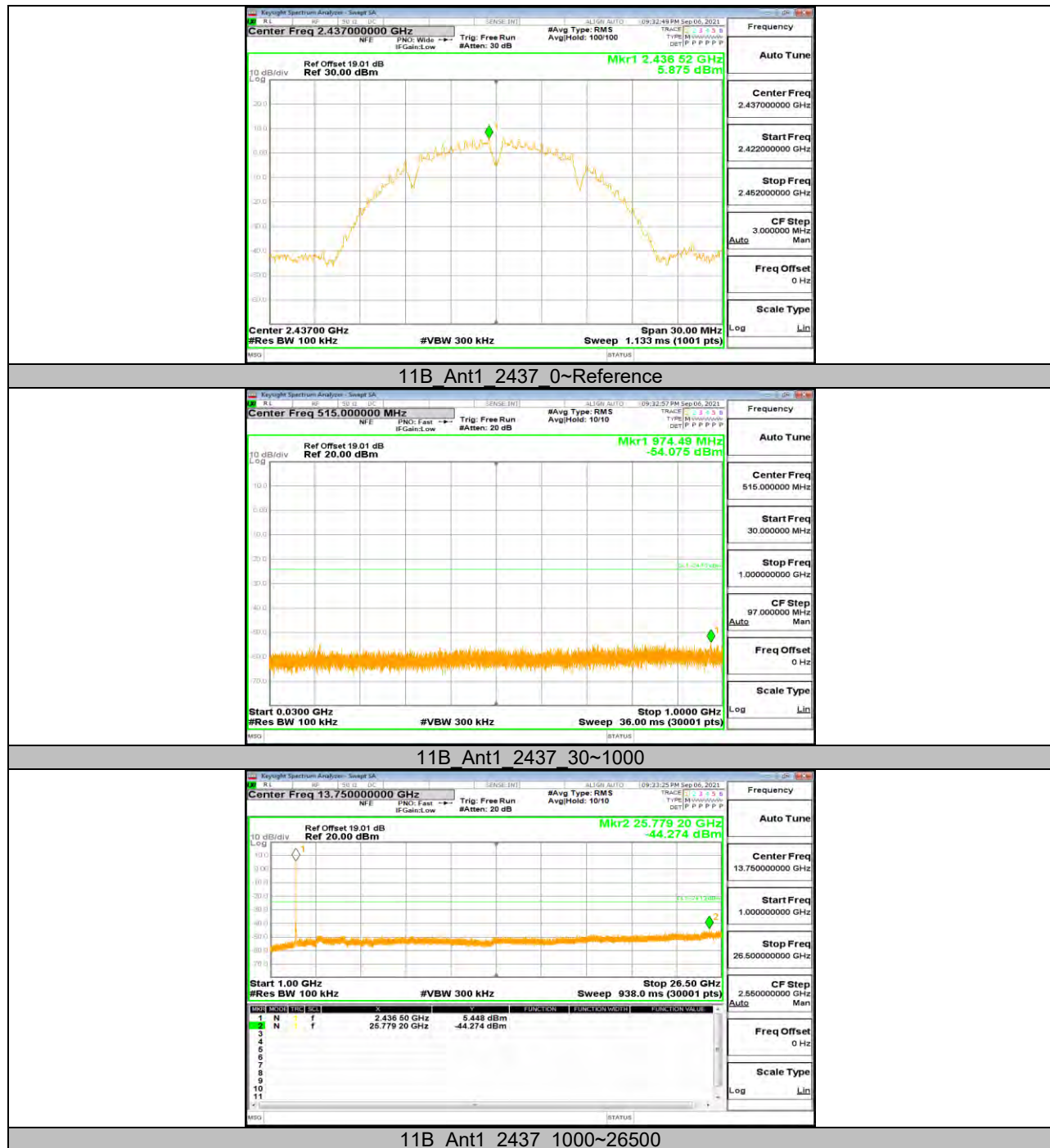
			1000~26500	-45.39	<=-28.77	PASS
11N40MIMO	Ant1	2422	Reference	0.21	---	PASS
			30~1000	-53.82	<=-29.79	PASS
			1000~26500	-44.12	<=-29.79	PASS
	Ant2	2422	Reference	0.53	---	PASS
			30~1000	-54.36	<=-29.48	PASS
			1000~26500	-45.22	<=-29.48	PASS
	Ant1	2437	Reference	0.22	---	PASS
			30~1000	-53.67	<=-29.78	PASS
			1000~26500	-45.27	<=-29.78	PASS
	Ant2	2437	Reference	-0.68	---	PASS
			30~1000	-54.27	<=-30.68	PASS
			1000~26500	-44.84	<=-30.68	PASS
	Ant1	2452	Reference	0.66	---	PASS
			30~1000	-52.58	<=-29.35	PASS
			1000~26500	-44.83	<=-29.35	PASS
	Ant2	2452	Reference	0.29	---	PASS
			30~1000	-52.38	<=-29.71	PASS
			1000~26500	-45.17	<=-29.71	PASS

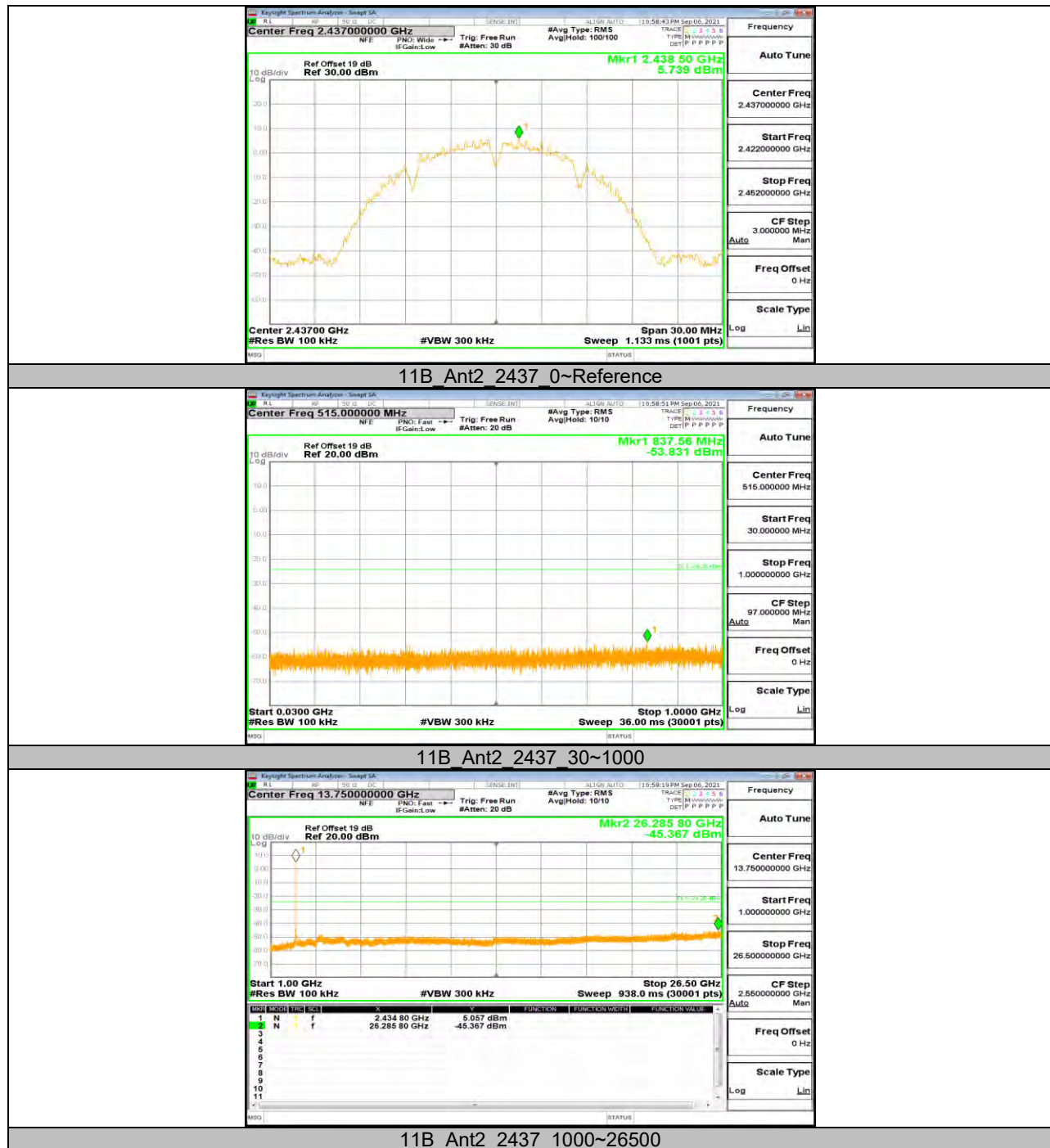


11.6.2. Test Graphs



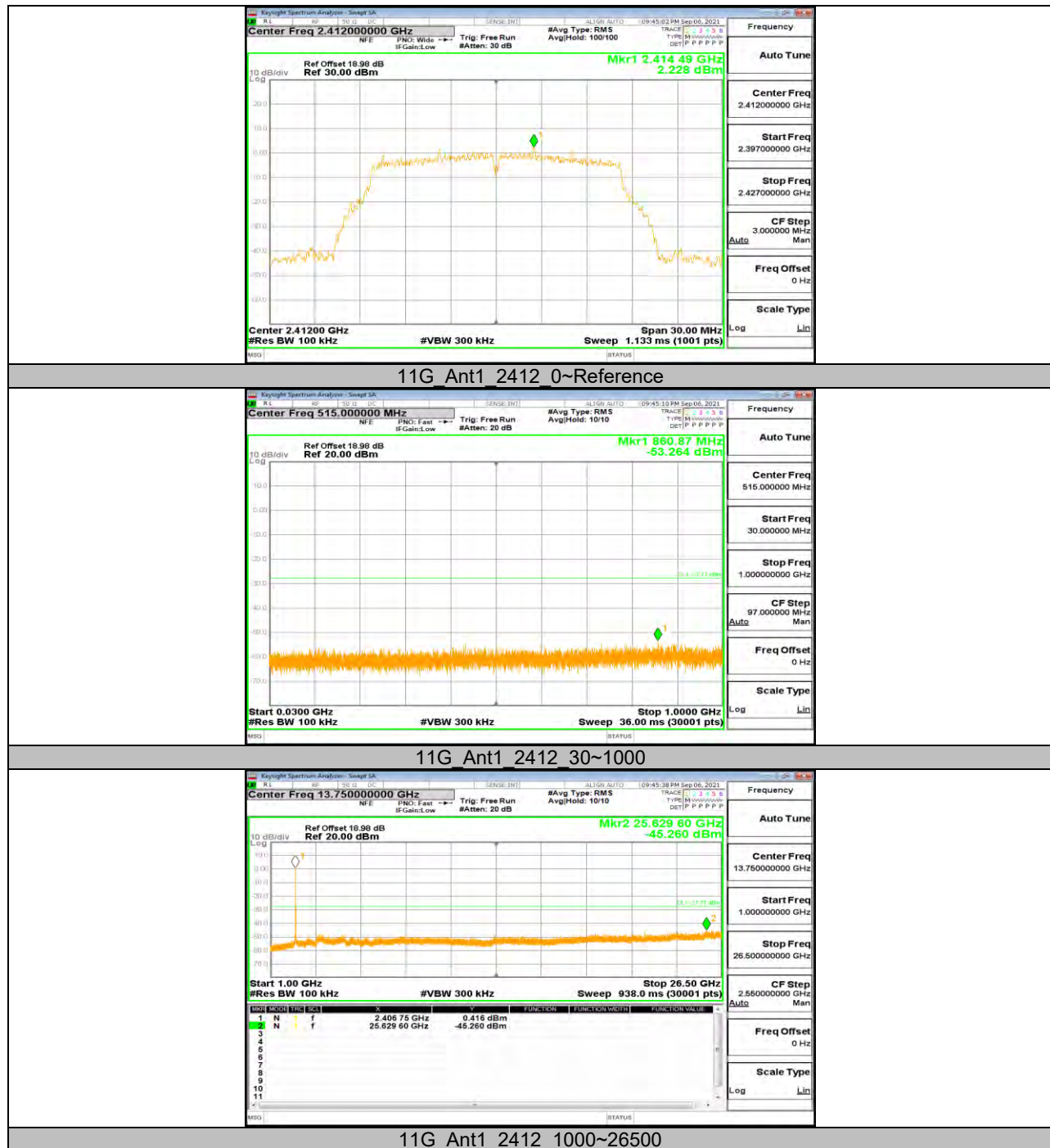


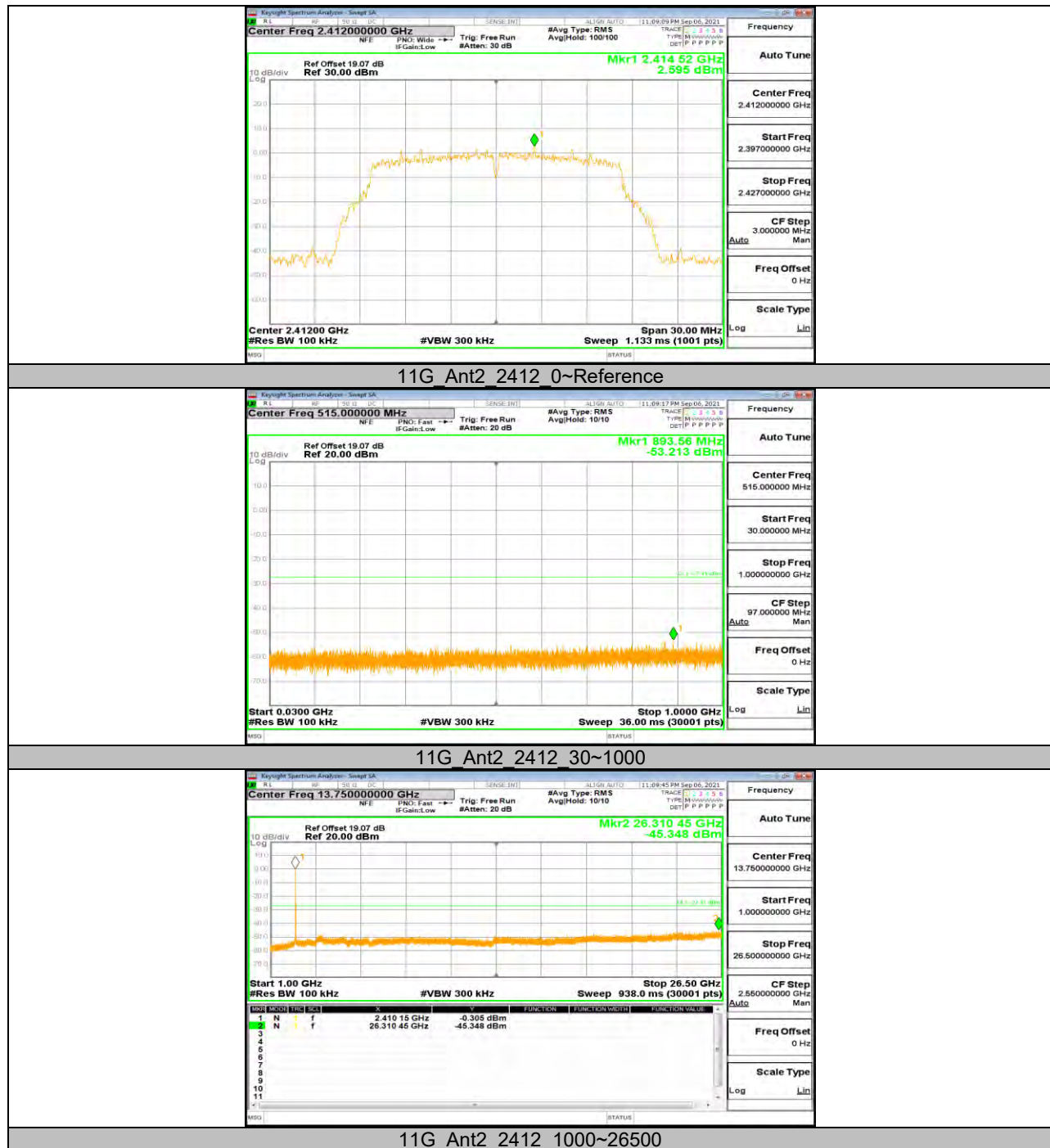


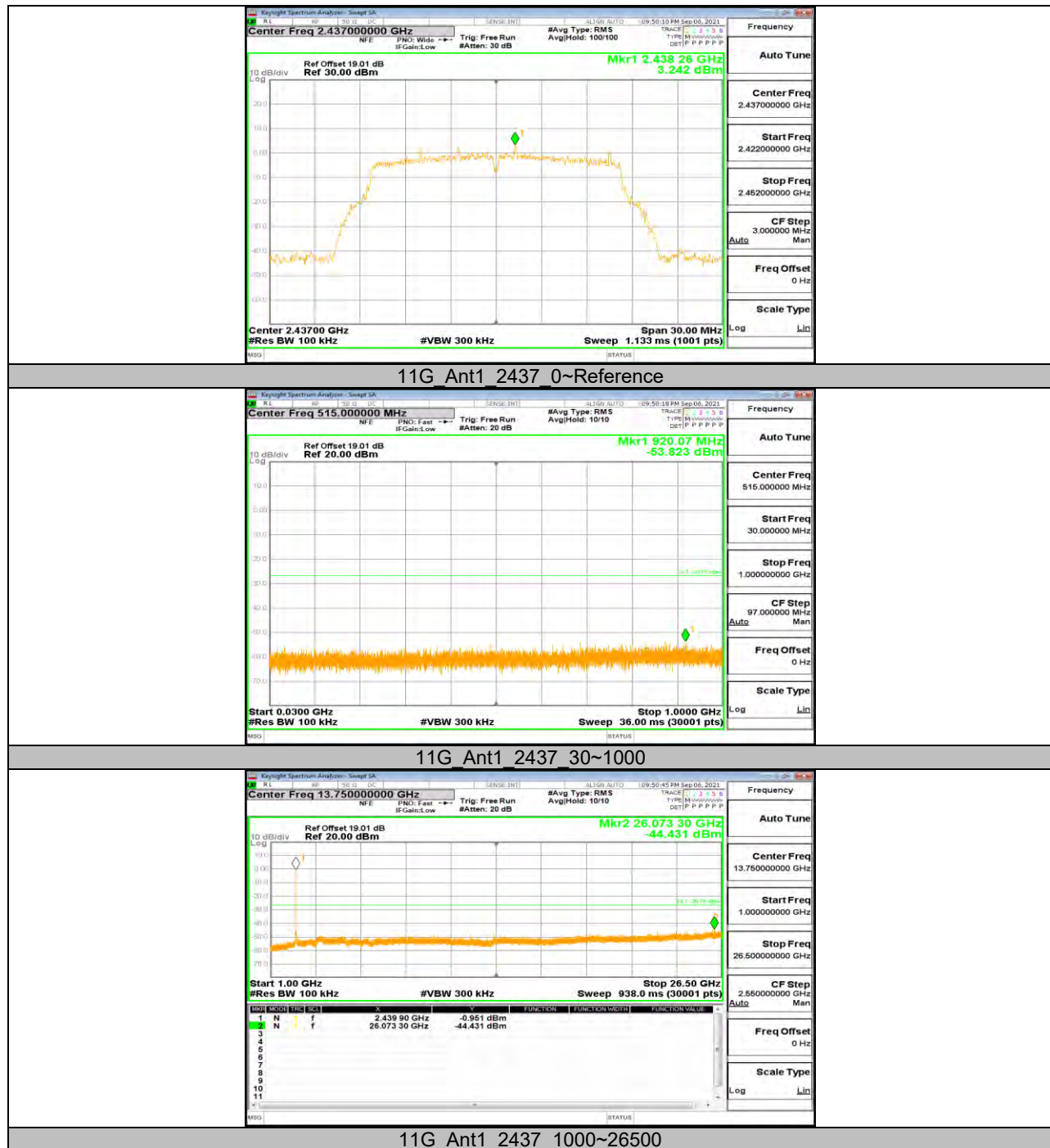


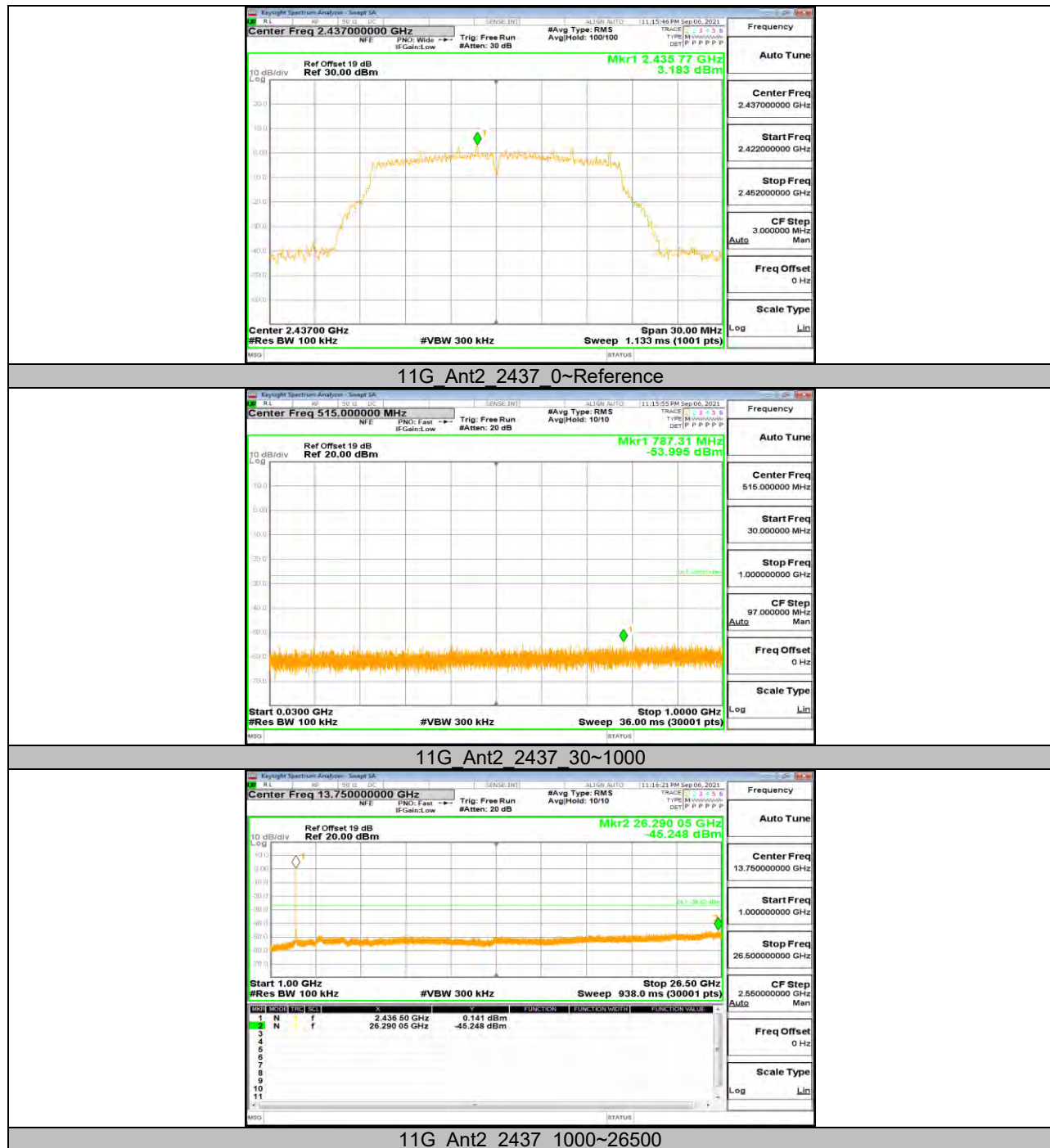




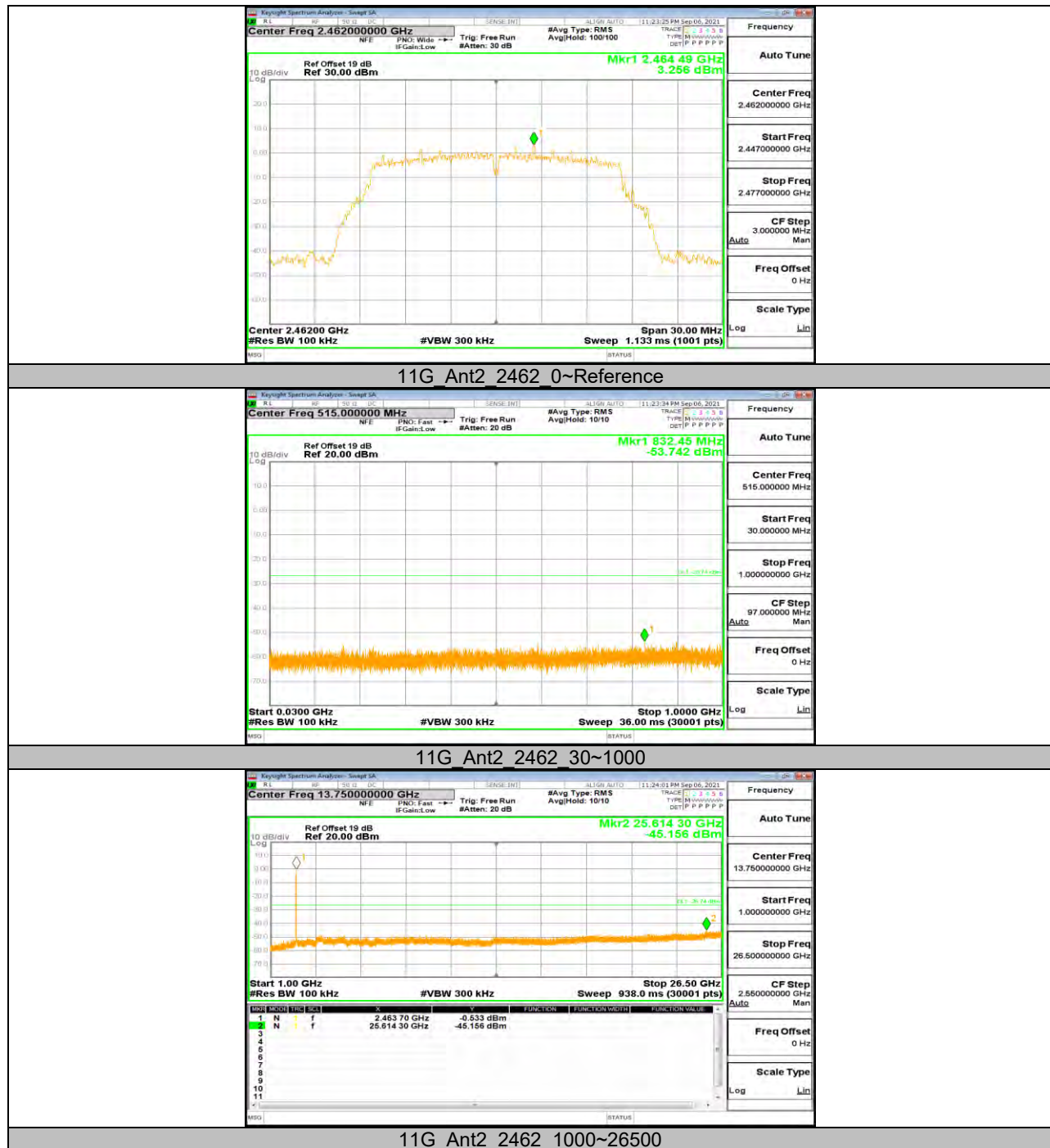


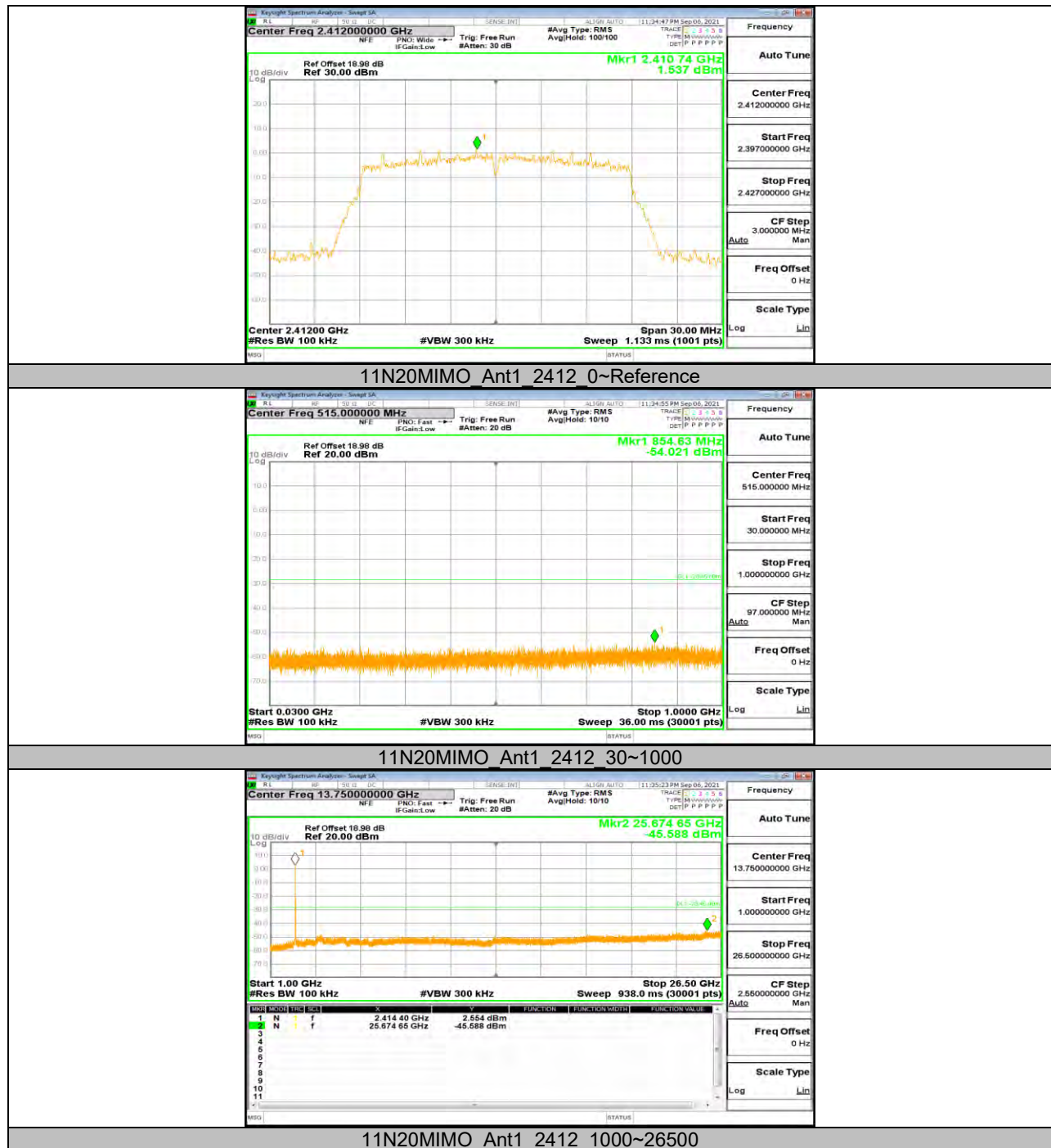


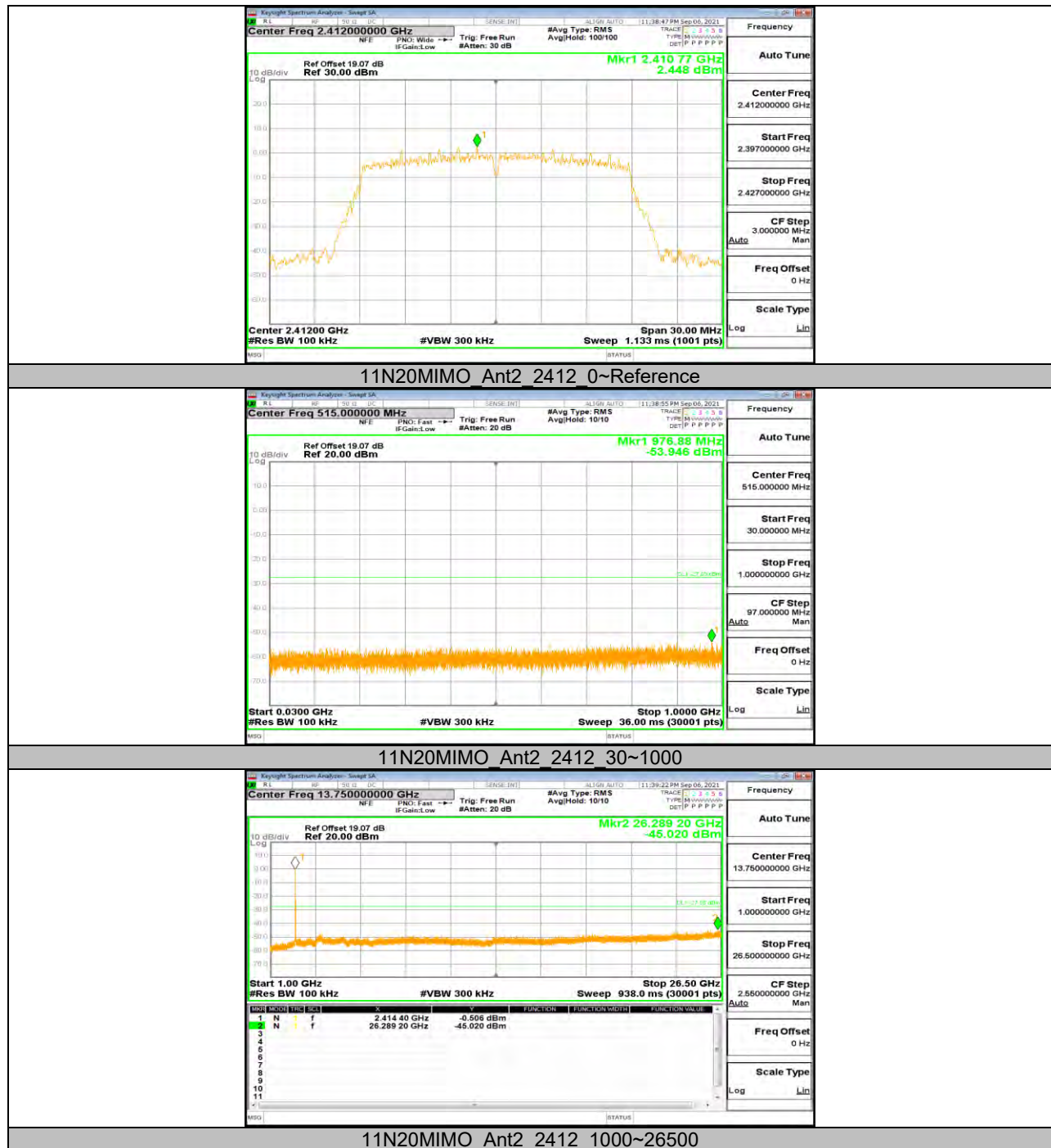


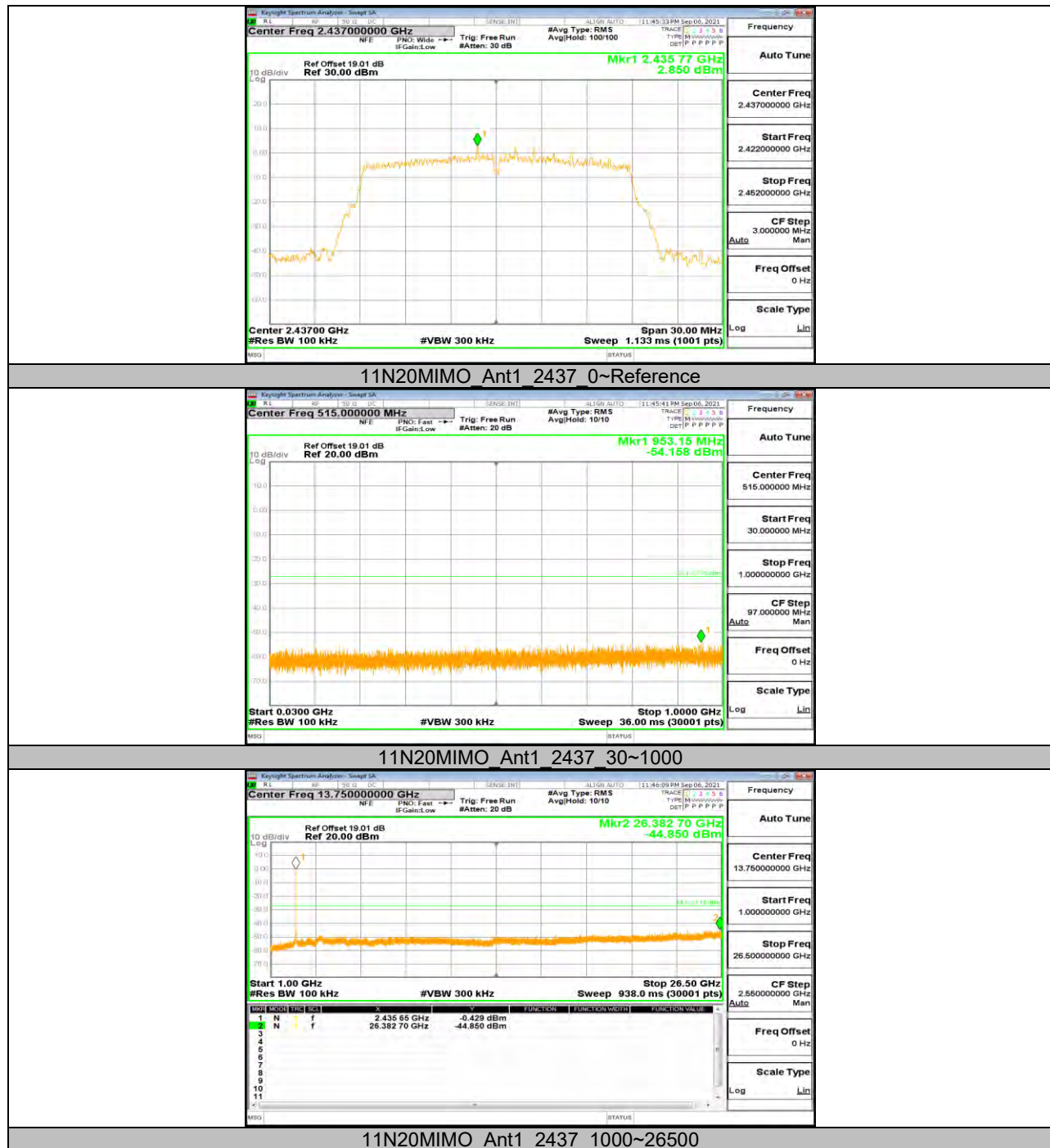






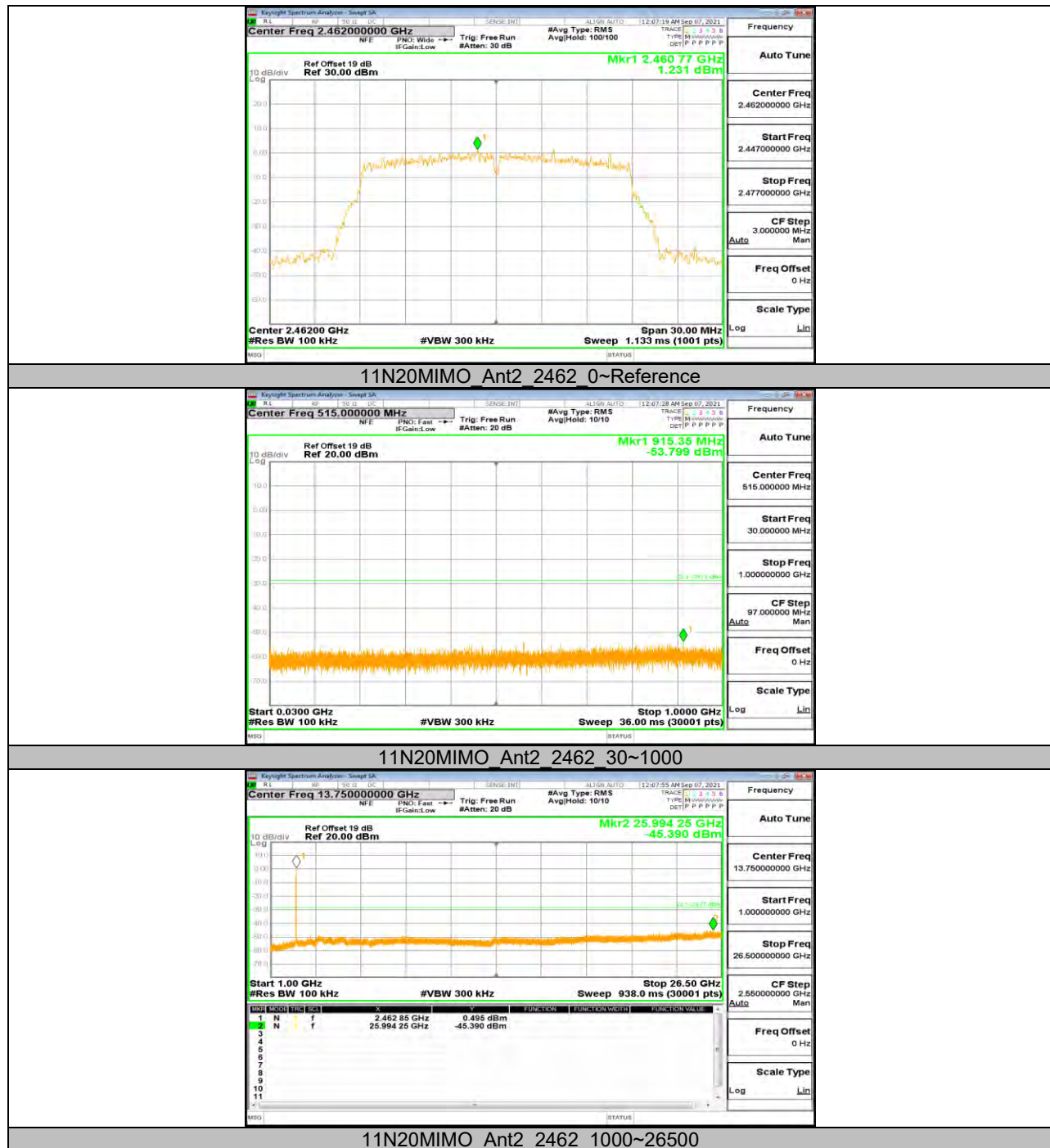


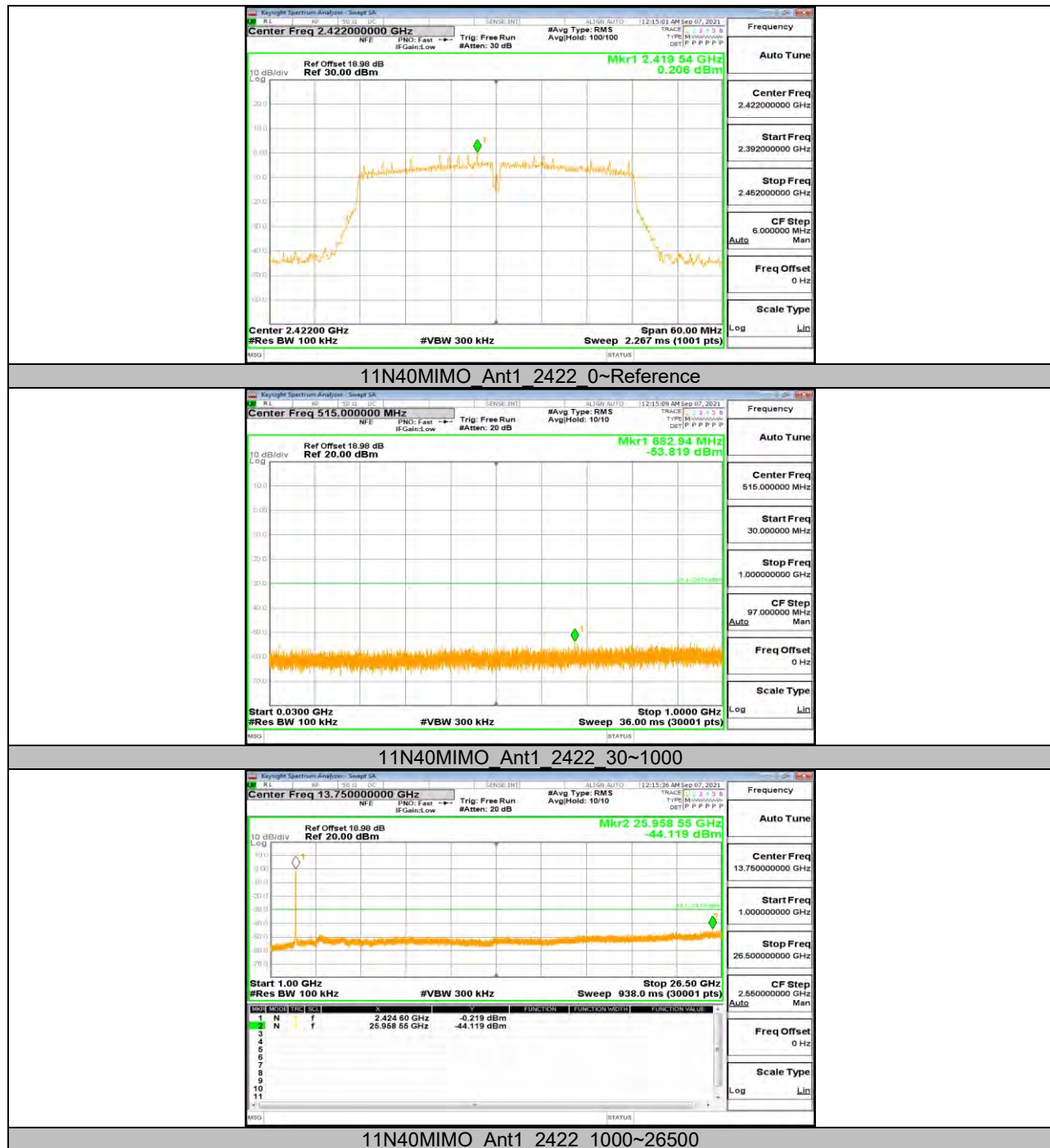


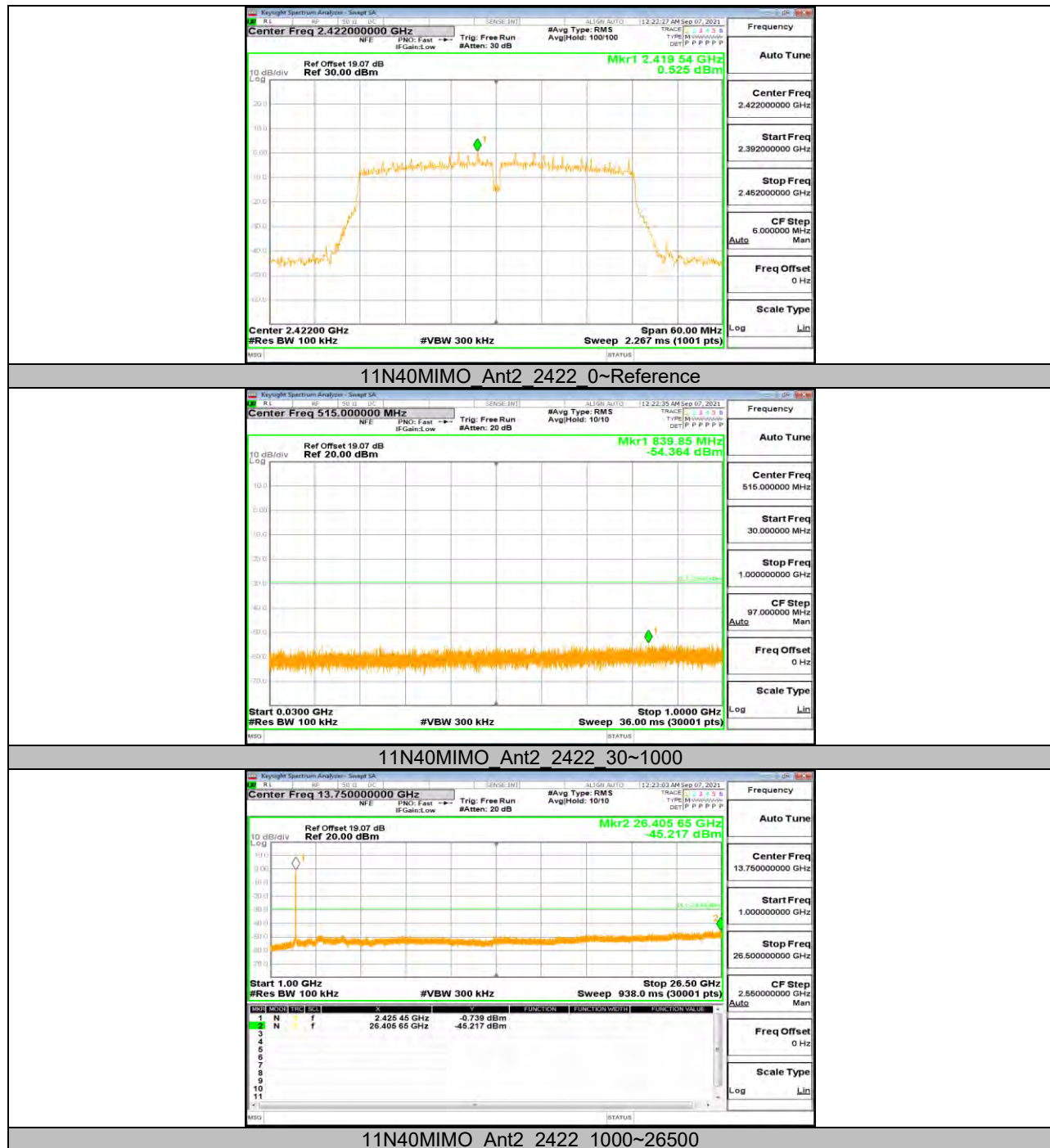




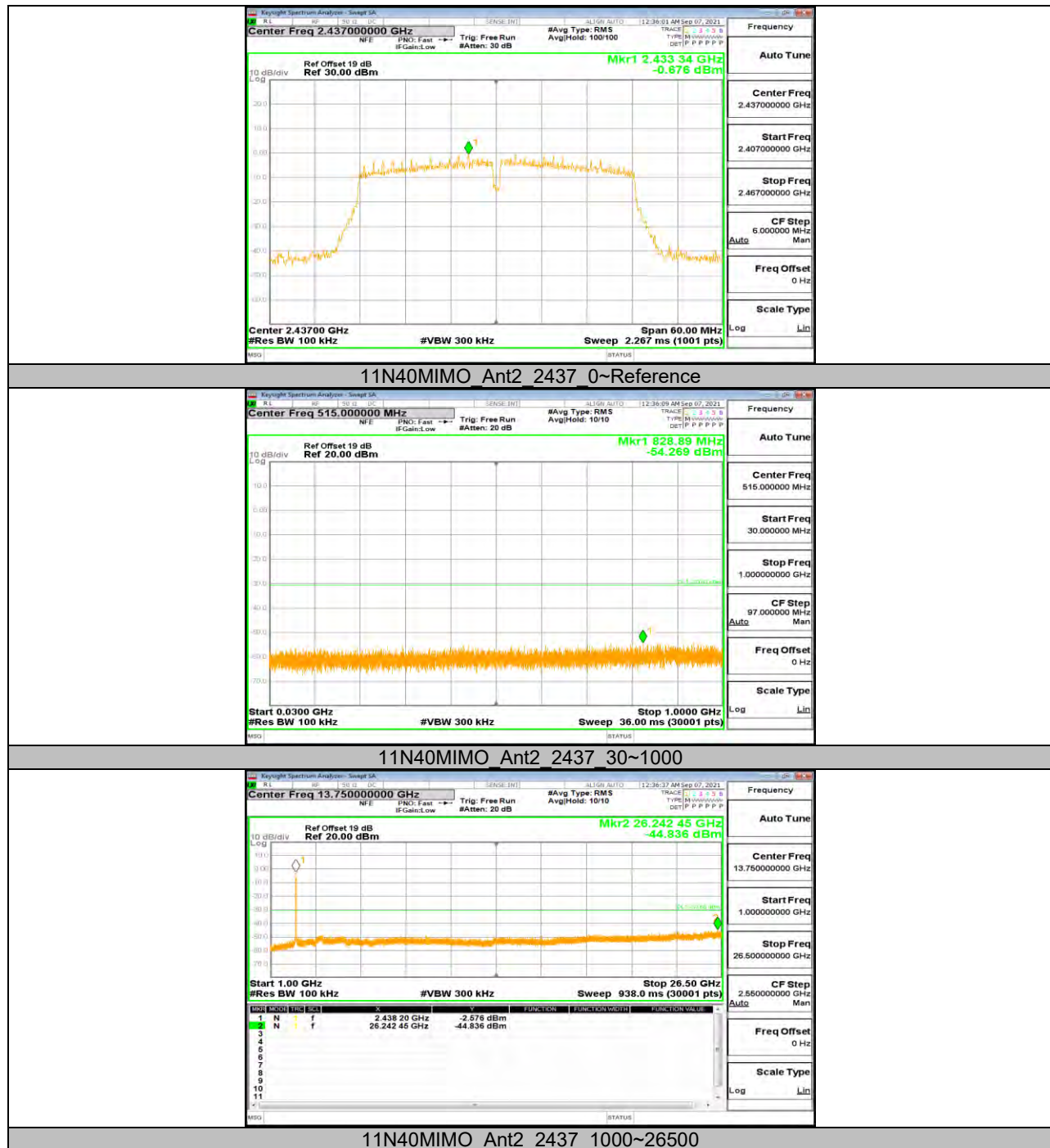


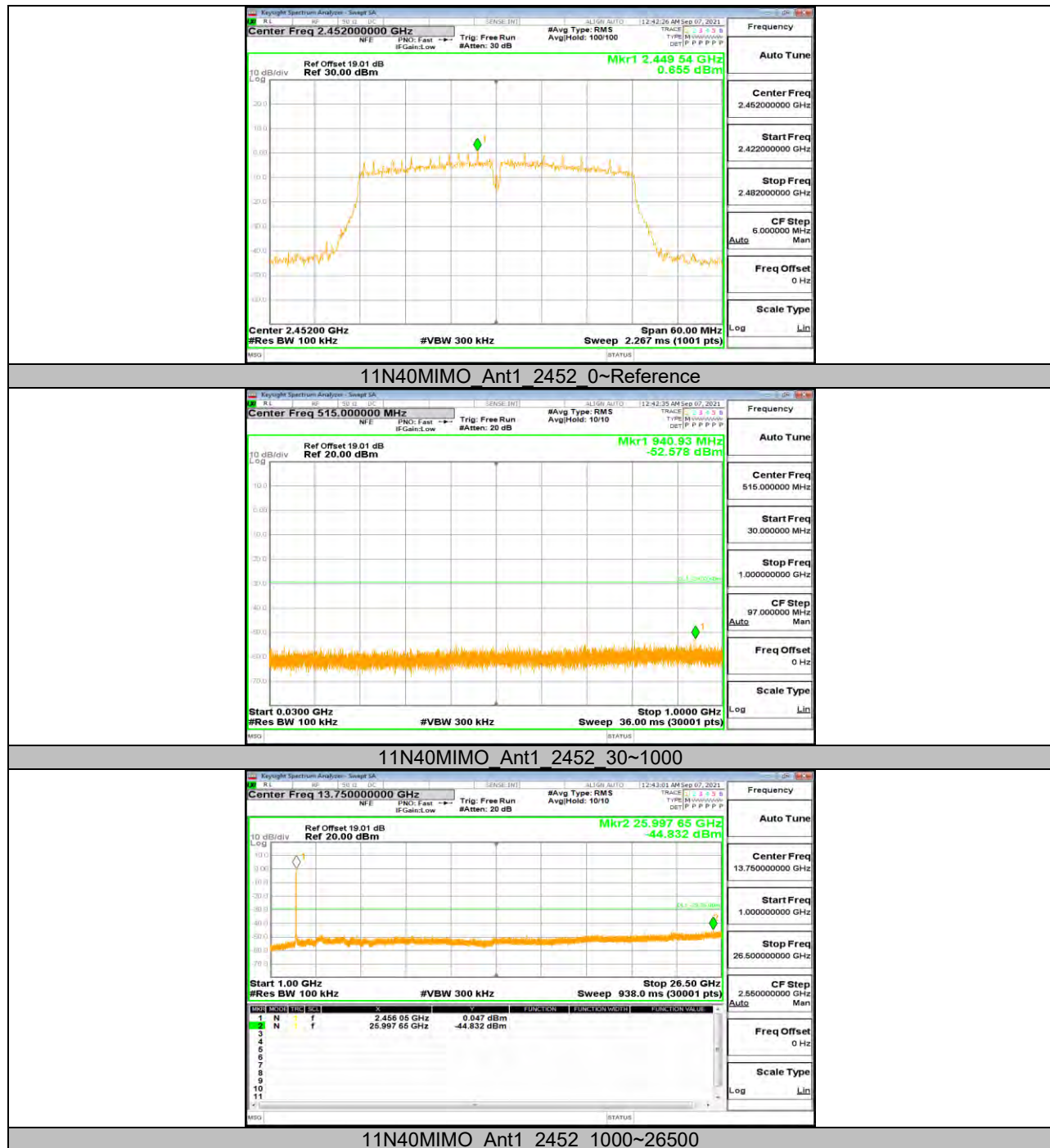


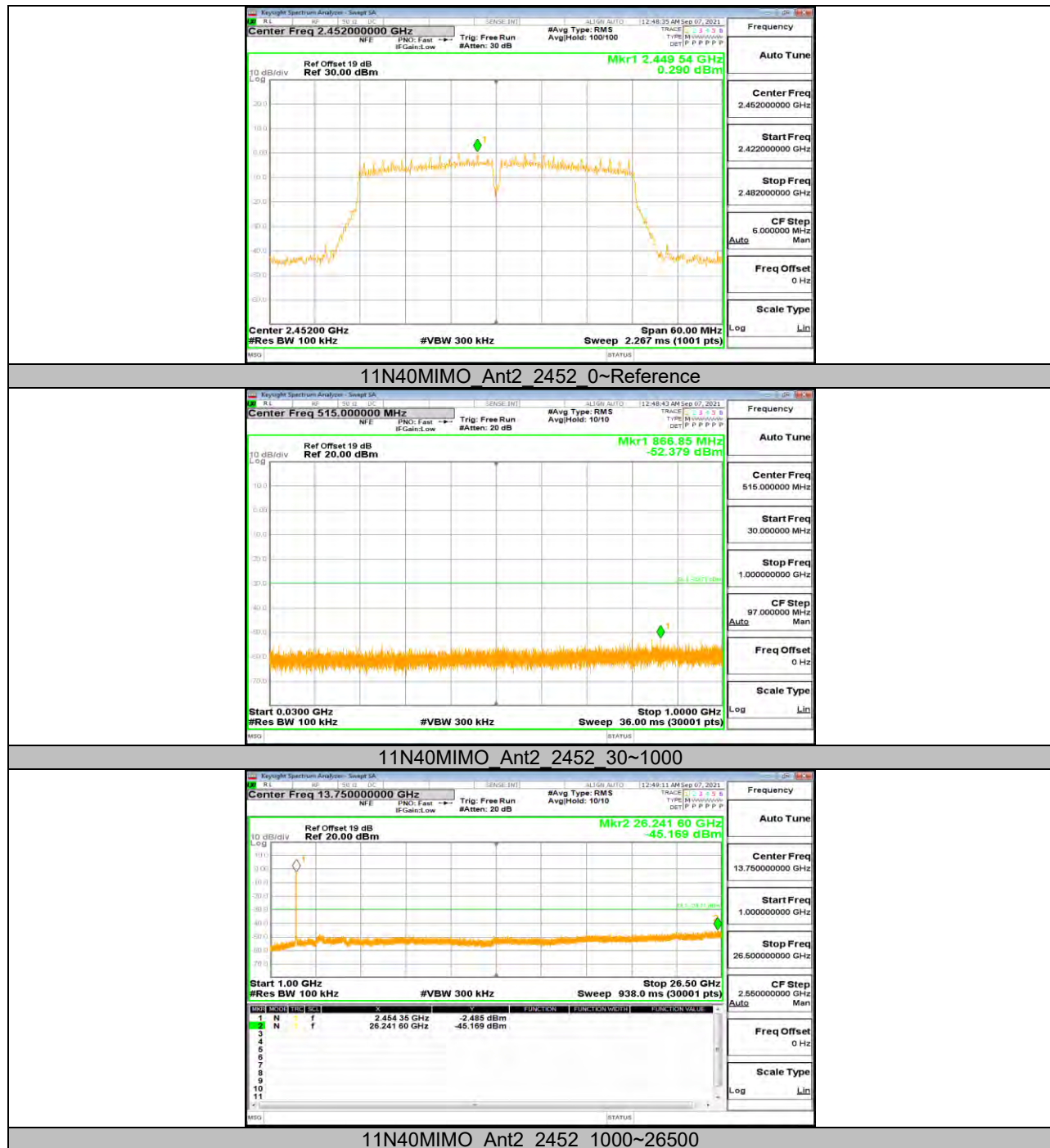














11.7. Appendix G: Duty Cycle

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	8.38	8.42	0.9952	99.52	0.02	0.12	0.01
11G	1.39	1.44	0.9653	96.53	0.15	0.72	1
11N20MIMO	1.30	1.34	0.9701	97.01	0.13	0.77	1
11N40MIMO	0.65	0.69	0.9420	94.20	0.26	1.54	2

Note:

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

Where: x is Duty Cycle (Linear)

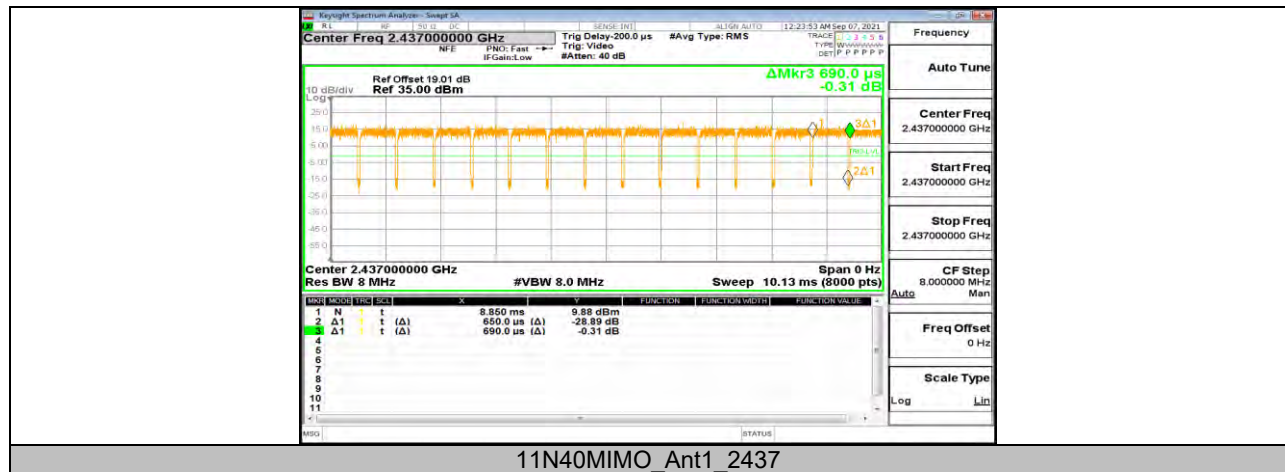
Where: T is On Time

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