

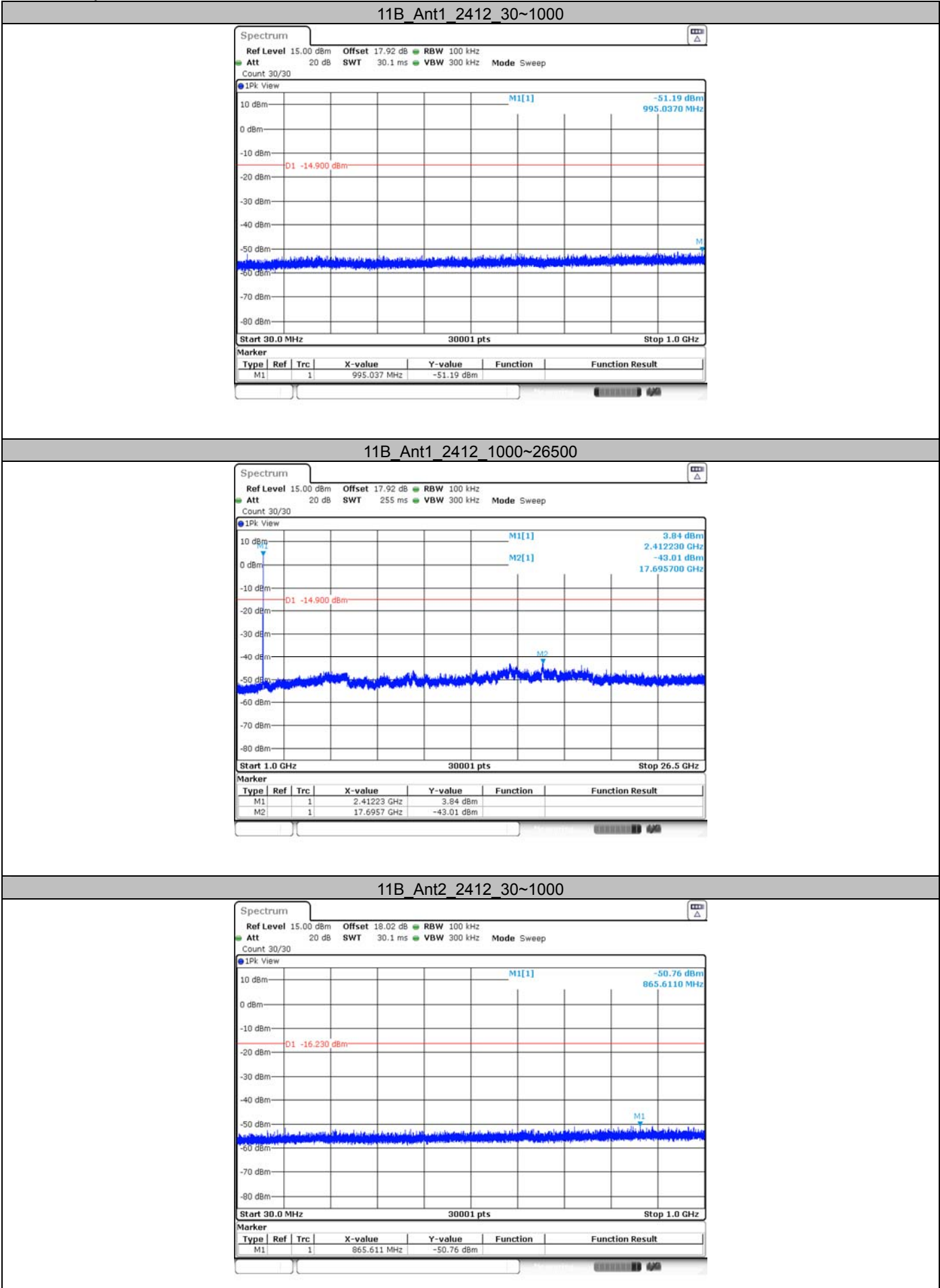
Appendix G: Conducted Spurious Emission

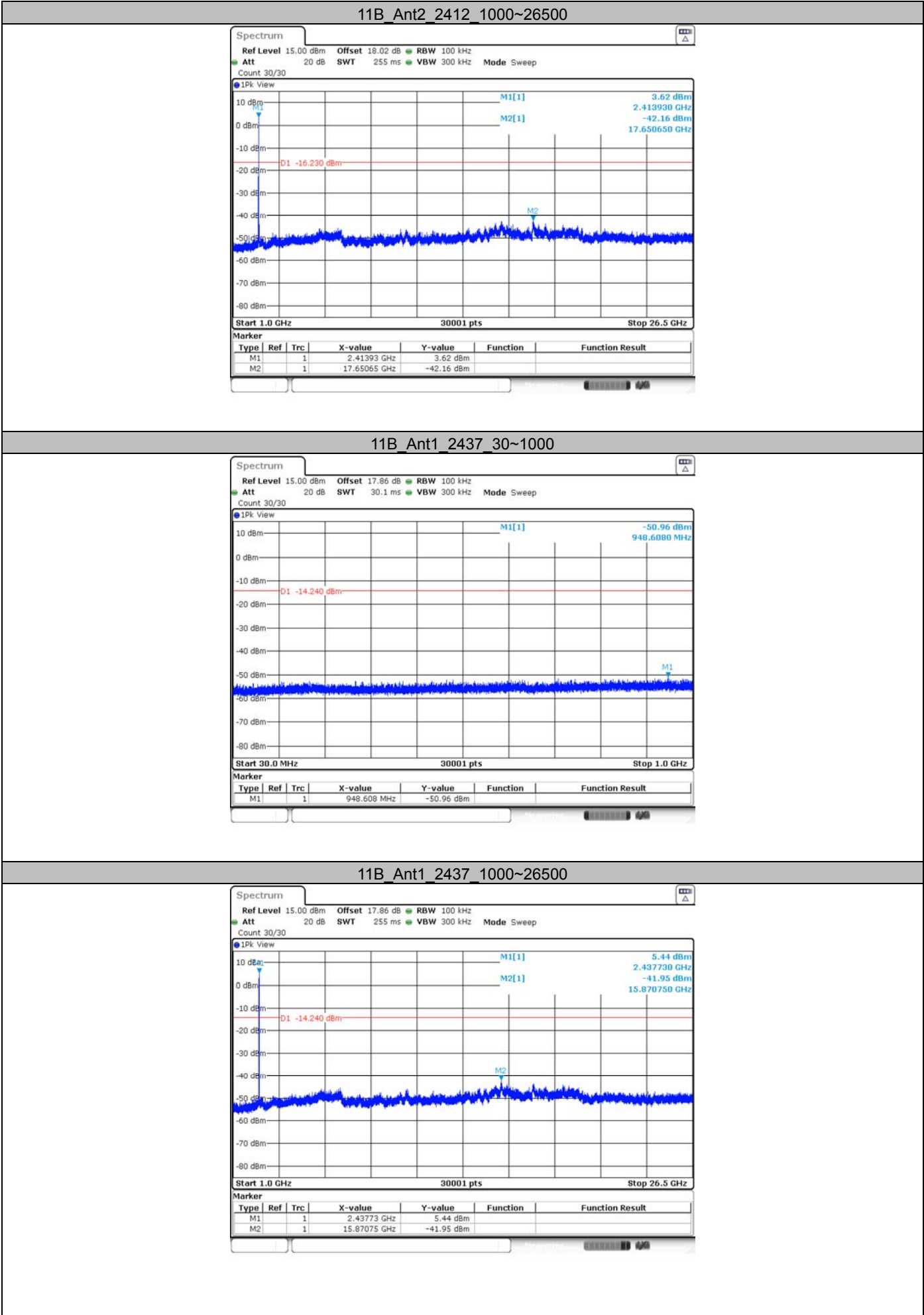
Test Result

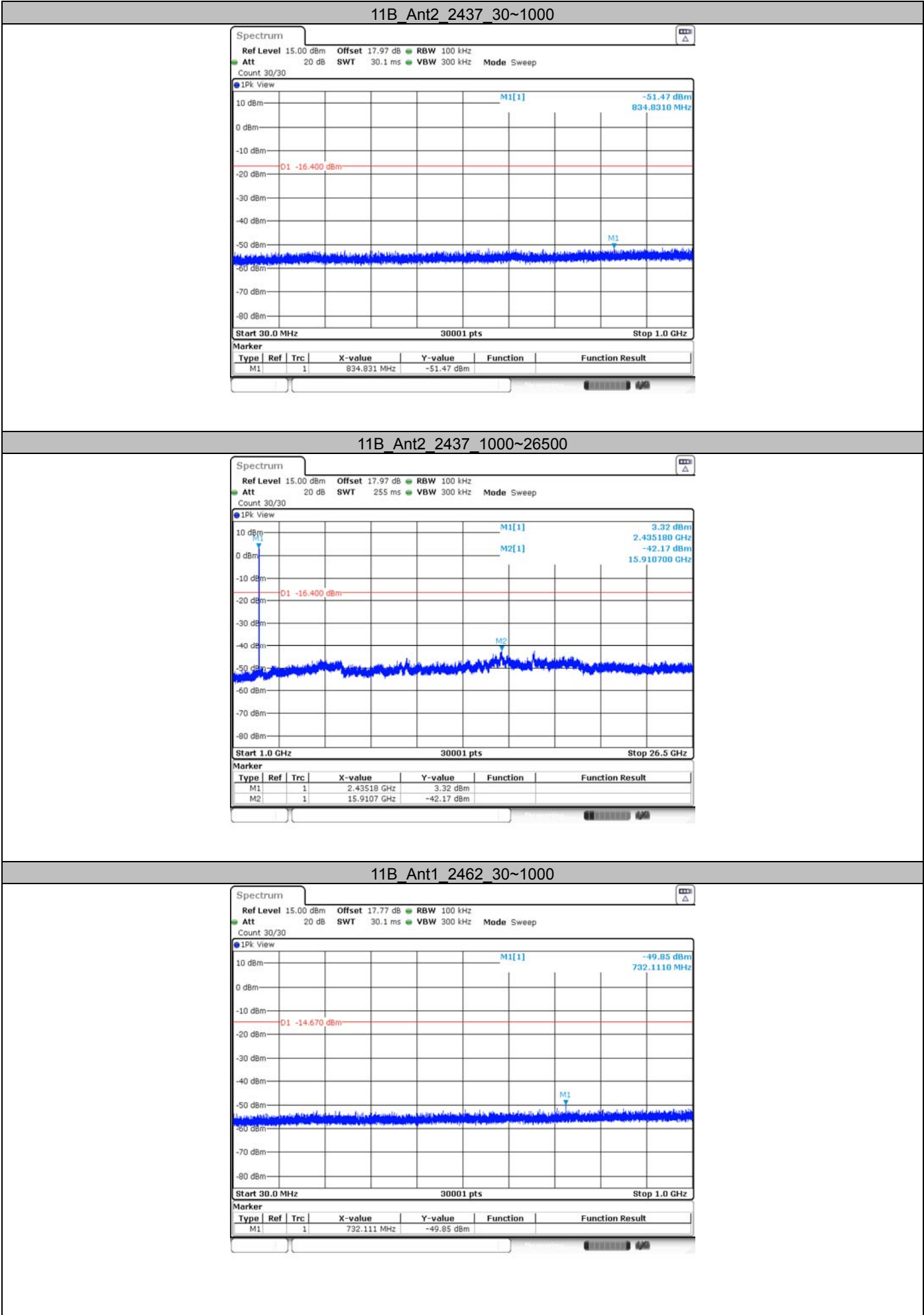
Test Mode	Antenna	Frequency [MHz]	Freq Range [Mhz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	30~1000	5.10	-51.19	≤-14.9	PASS
			1000~26500	5.10	-43.01	≤-14.9	PASS
	Ant2	2412	30~1000	3.77	-50.76	≤-16.23	PASS
			1000~26500	3.77	-42.16	≤-16.23	PASS
	Ant1	2437	30~1000	5.76	-50.96	≤-14.24	PASS
			1000~26500	5.76	-41.95	≤-14.24	PASS
	Ant2	2437	30~1000	3.60	-51.47	≤-16.4	PASS
			1000~26500	3.60	-42.17	≤-16.4	PASS
	Ant1	2462	30~1000	5.33	-49.85	≤-14.67	PASS
			1000~26500	5.33	-42.63	≤-14.67	PASS
	Ant2	2462	30~1000	3.14	-50.73	≤-16.86	PASS
			1000~26500	3.14	-42.73	≤-16.86	PASS
11G	Ant1	2412	30~1000	-2.43	-50.79	≤-22.43	PASS
			1000~26500	-2.43	-42.84	≤-22.43	PASS
	Ant2	2412	30~1000	-4.62	-50.86	≤-24.62	PASS
			1000~26500	-4.62	-42.59	≤-24.62	PASS
	Ant1	2437	30~1000	-2.32	-51.21	≤-22.32	PASS
			1000~26500	-2.32	-42.35	≤-22.32	PASS
	Ant2	2437	Reference	-5.38	-5.38	---	PASS
			30~1000	-5.36	-51.32	≤-25.36	PASS
			1000~26500	-5.36	-42.91	≤-25.36	PASS
	Ant1	2462	30~1000	-2.86	-51.23	≤-22.86	PASS
			1000~26500	-2.86	-41.93	≤-22.86	PASS
	Ant2	2462	30~1000	-5.19	-51.12	≤-25.19	PASS
			1000~26500	-5.19	-42.37	≤-25.19	PASS
11N20MIMO	Ant1	2412	30~1000	-2.47	-51.4	≤-22.47	PASS
			1000~26500	-2.47	-42.33	≤-22.47	PASS
	Ant2	2412	30~1000	-4.66	-51.11	≤-24.66	PASS
			1000~26500	-4.66	-42.85	≤-24.66	PASS
	Ant1	2437	30~1000	-2.34	-50.82	≤-22.34	PASS
			1000~26500	-2.34	-42.97	≤-22.34	PASS
	Ant2	2437	30~1000	-5.51	-50.8	≤-25.51	PASS
			1000~26500	-5.51	-42.11	≤-25.51	PASS
	Ant1	2462	30~1000	-2.77	-51.36	≤-22.77	PASS
			1000~26500	-2.77	-42.49	≤-22.77	PASS
	Ant2	2462	30~1000	-5.17	-51.14	≤-25.17	PASS
			1000~26500	-5.17	-42.19	≤-25.17	PASS
11N40MIMO	Ant1	2422	30~1000	-4.80	-50.66	≤-24.8	PASS
			1000~26500	-4.80	-41.65	≤-24.8	PASS
	Ant2	2422	30~1000	-6.62	-50.91	≤-26.62	PASS
			1000~26500	-6.62	-42.52	≤-26.62	PASS
	Ant1	2437	30~1000	-4.79	-50.61	≤-24.79	PASS
			1000~26500	-4.79	-42.49	≤-24.79	PASS
	Ant2	2437	30~1000	-6.87	-51.06	≤-26.87	PASS
			1000~26500	-6.87	-42.75	≤-26.87	PASS
	Ant1	2452	30~1000	-5.08	-51.6	≤-25.08	PASS
			1000~26500	-5.08	-42.66	≤-25.08	PASS
	Ant2	2452	30~1000	-7.42	-50.77	≤-27.42	PASS
			1000~26500	-7.42	-42.91	≤-27.42	PASS
11AX20MIMO	Ant1	2412	30~1000	-4.71	-51.17	≤-24.71	PASS
			1000~26500	-4.71	-43.03	≤-24.71	PASS
	Ant2	2412	30~1000	-6.87	-50.85	≤-26.87	PASS
			1000~26500	-6.87	-43.42	≤-26.87	PASS

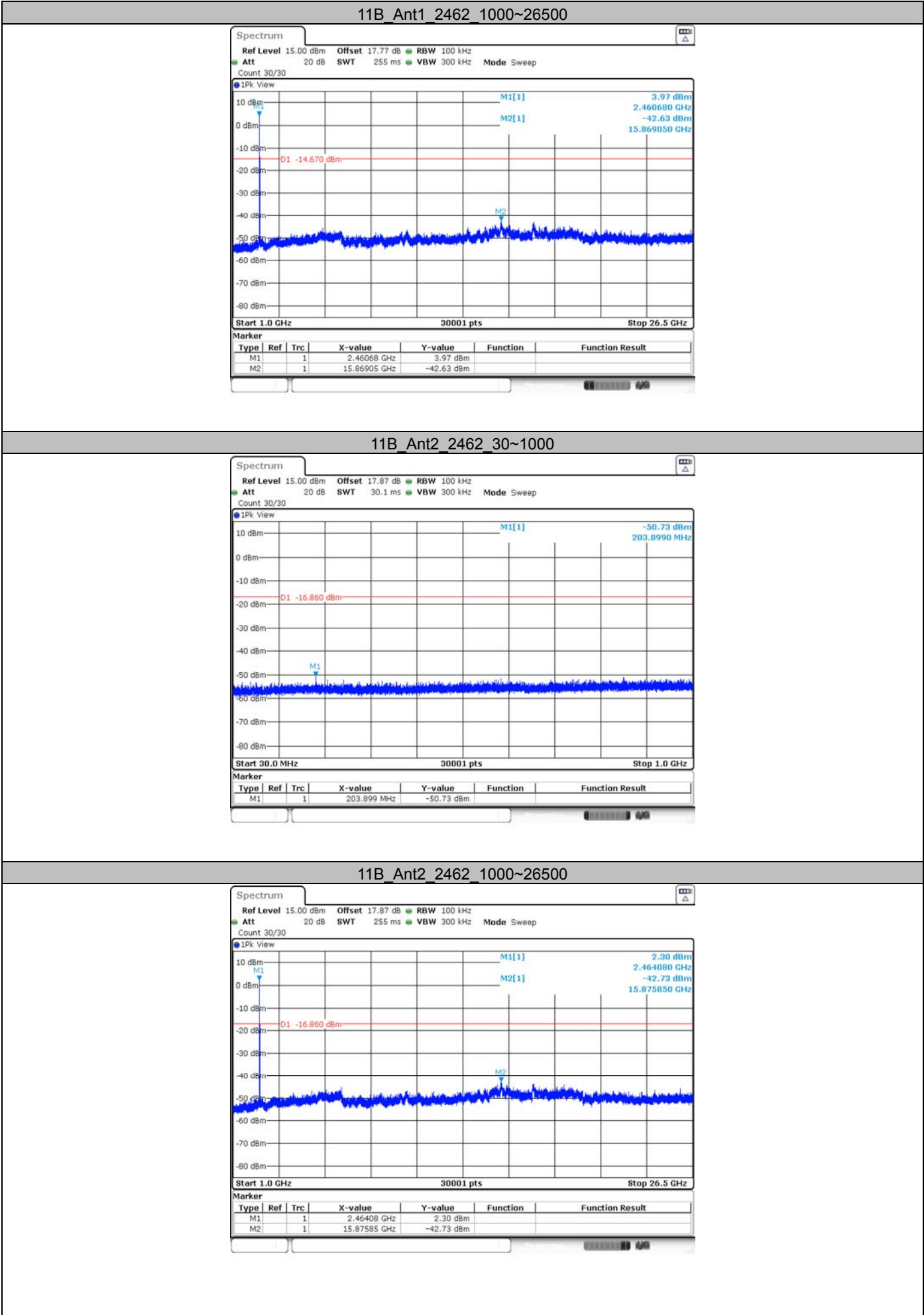
	Ant1	2437	30~1000	-3.91	-51.5	≤ -23.91	PASS
			1000~26500	-3.91	-42.81	≤ -23.91	PASS
	Ant2	2437	30~1000	-6.05	-51.09	≤ -26.05	PASS
			1000~26500	-6.05	-42.66	≤ -26.05	PASS
	Ant1	2462	30~1000	-4.14	-51.36	≤ -24.14	PASS
			1000~26500	-4.14	-43.5	≤ -24.14	PASS
	Ant2	2462	30~1000	-6.47	-51.18	≤ -26.47	PASS
			1000~26500	-6.47	-42.7	≤ -26.47	PASS
11AX40MIMO	Ant1	2422	30~1000	-4.26	-50.92	≤ -24.26	PASS
			1000~26500	-4.26	-42.32	≤ -24.26	PASS
	Ant2	2422	30~1000	-8.16	-50.62	≤ -28.16	PASS
			1000~26500	-8.16	-42.13	≤ -28.16	PASS
	Ant1	2437	30~1000	-6.07	-51.18	≤ -26.07	PASS
			1000~26500	-6.07	-42.4	≤ -26.07	PASS
	Ant2	2437	30~1000	-8.29	-50.72	≤ -28.29	PASS
			1000~26500	-8.29	-41.88	≤ -28.29	PASS
	Ant1	2452	30~1000	-6.38	-51.31	≤ -26.38	PASS
			1000~26500	-6.38	-43.1	≤ -26.38	PASS
	Ant2	2452	30~1000	-8.66	-51.1	≤ -28.66	PASS
			1000~26500	-8.66	-42.49	≤ -28.66	PASS

Test Graphs

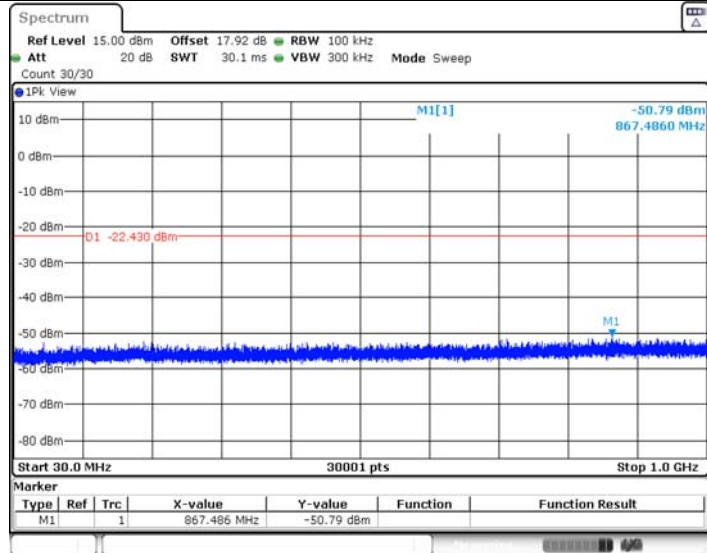




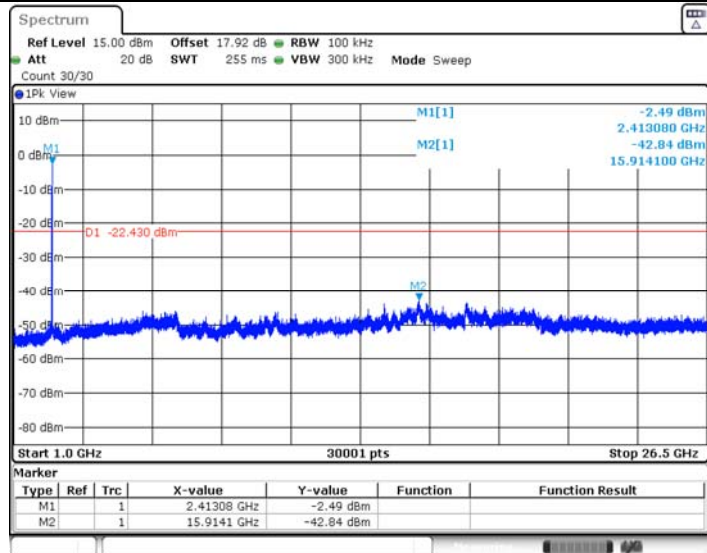




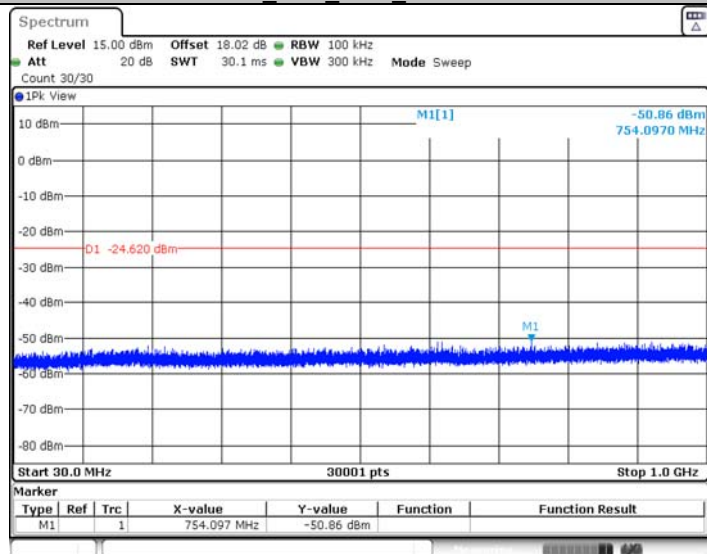
11G_Ant1_2412_30~1000

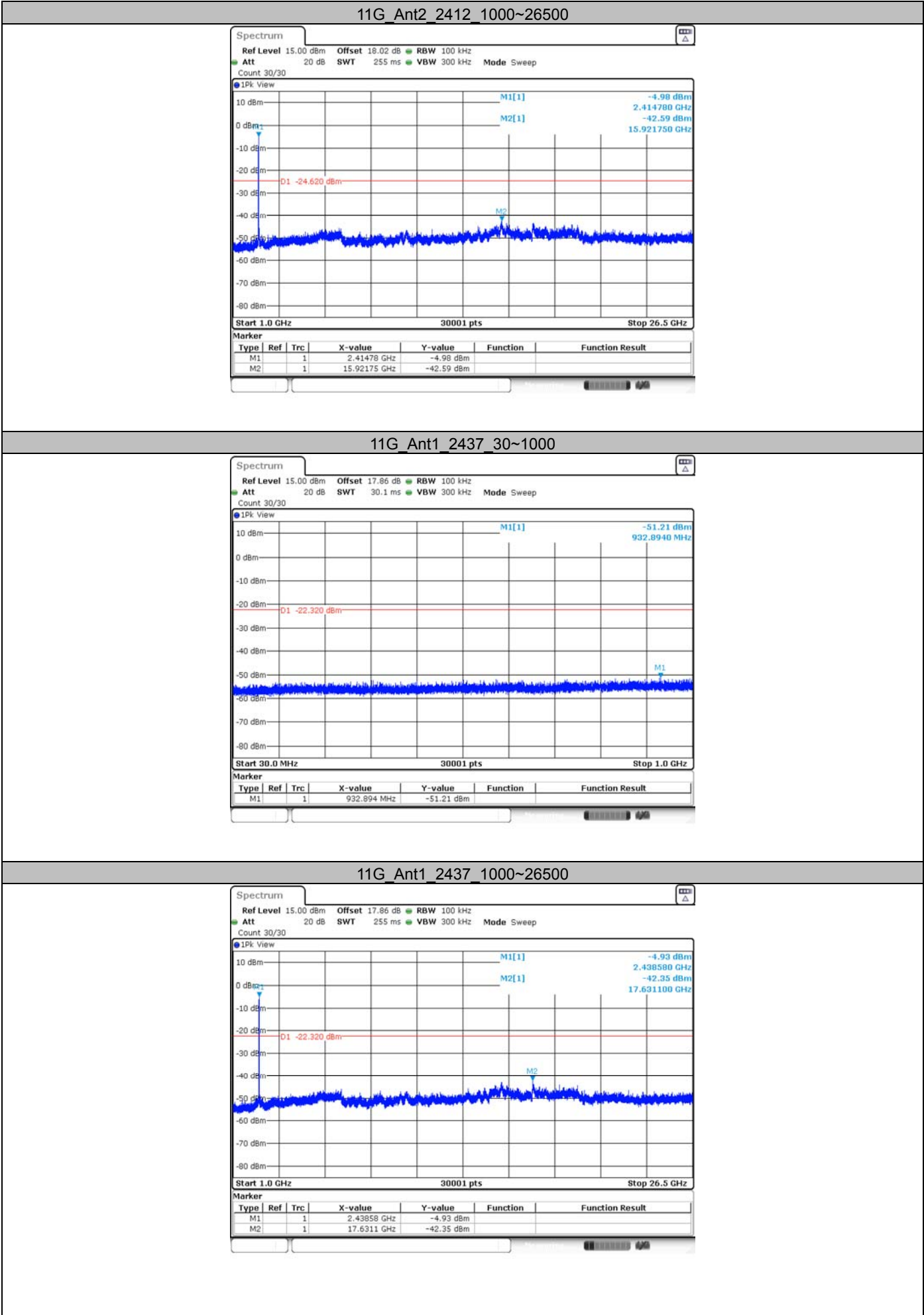


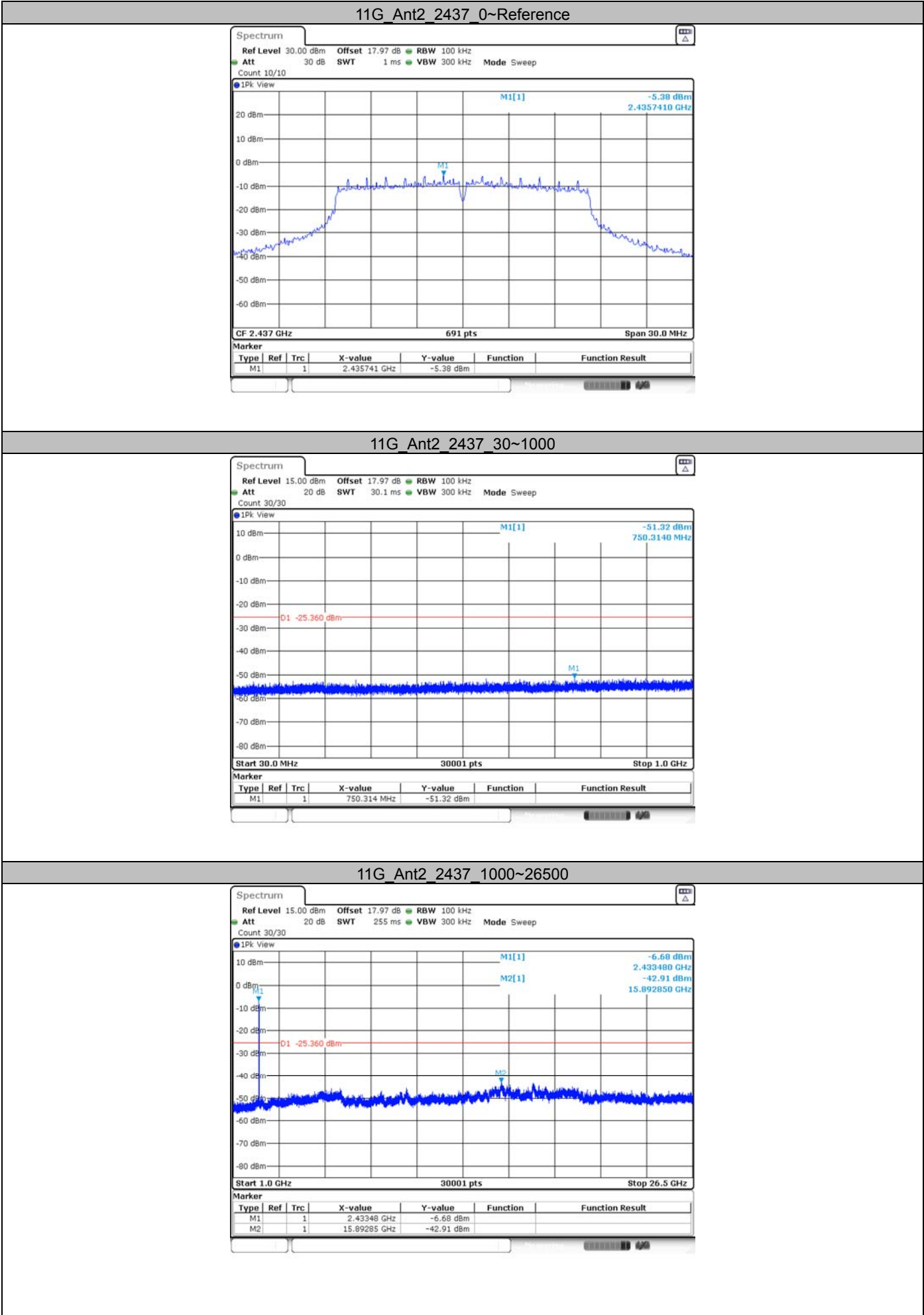
11G_Ant1_2412_1000~26500

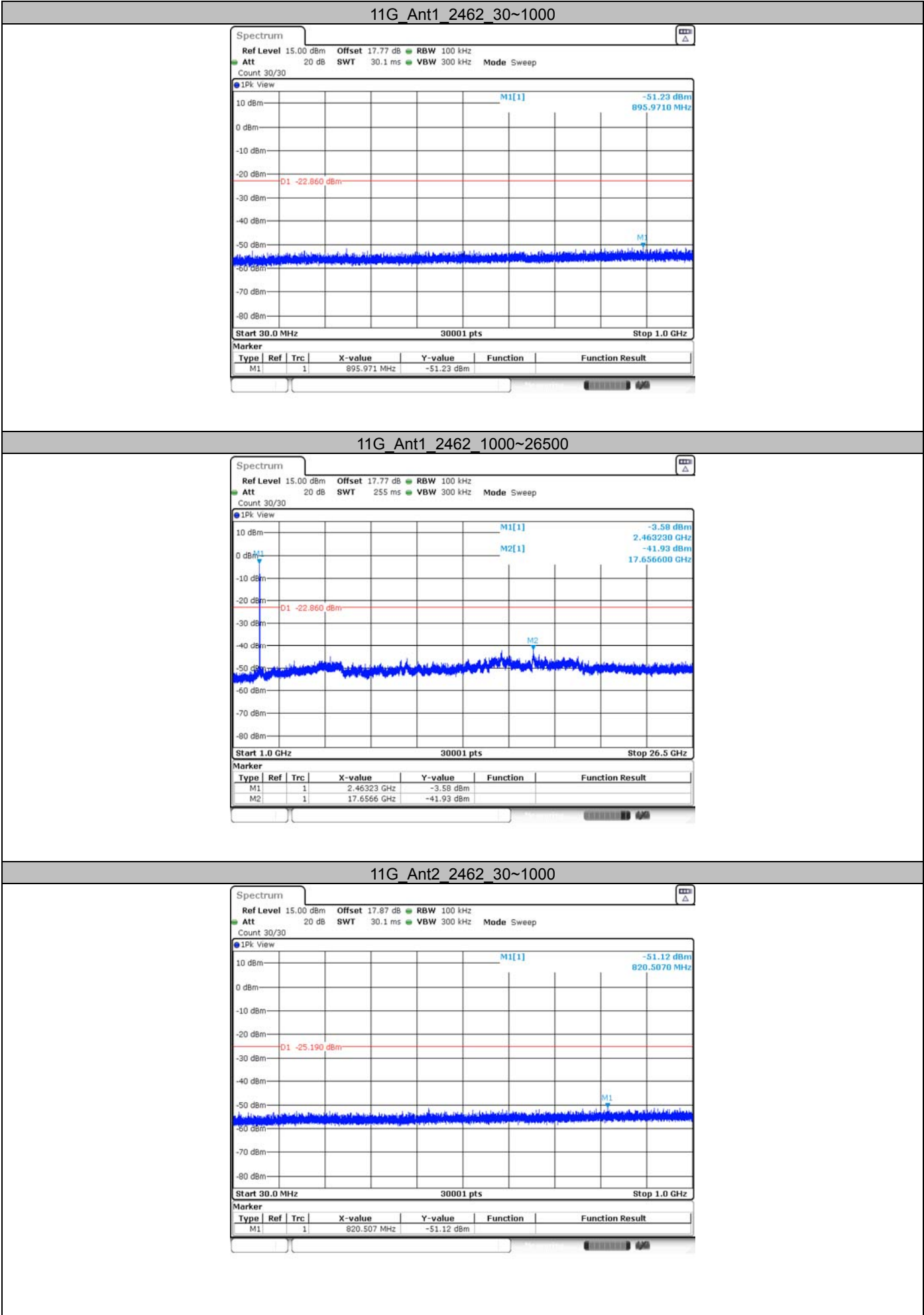


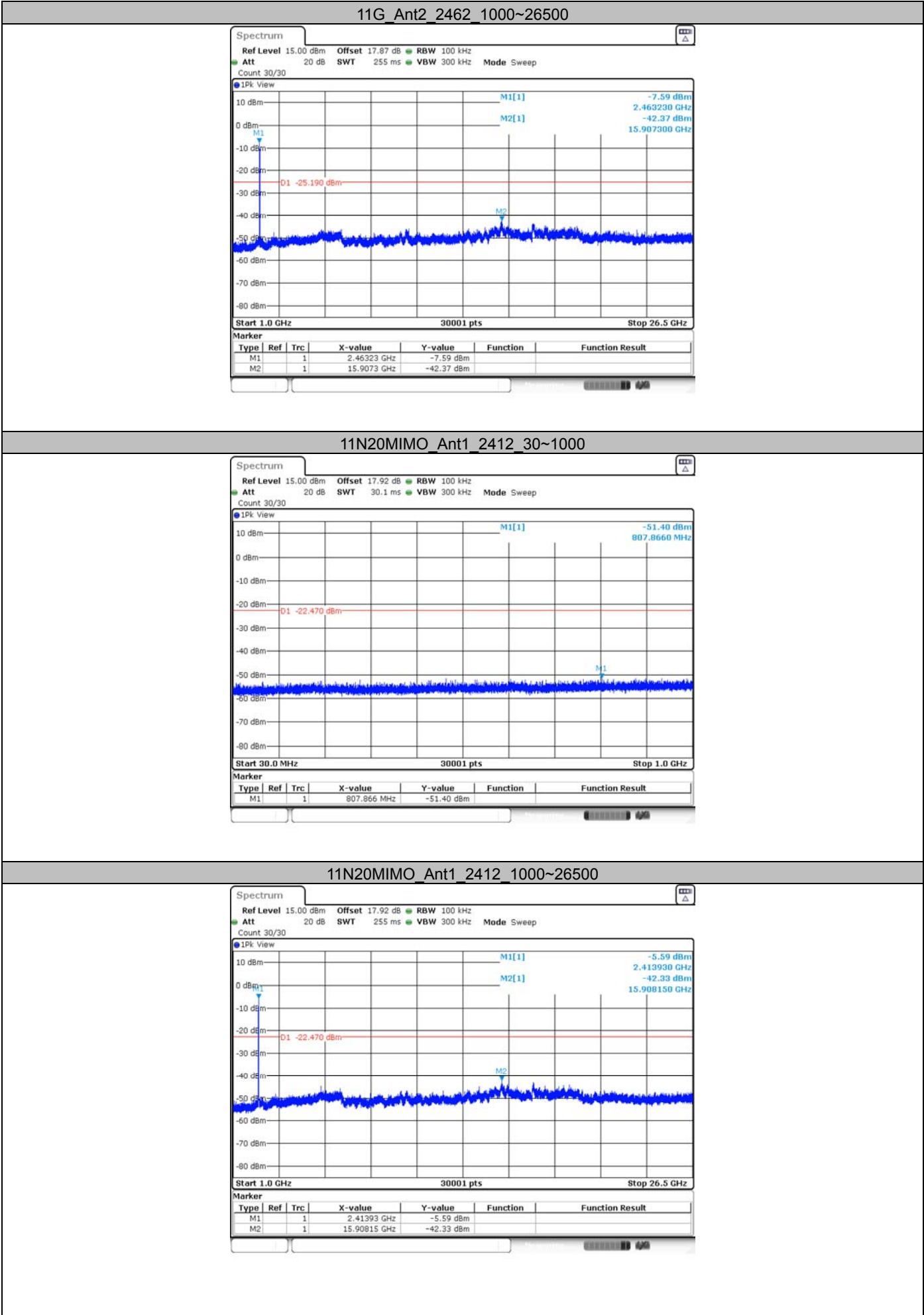
11G_Ant2_2412_30~1000

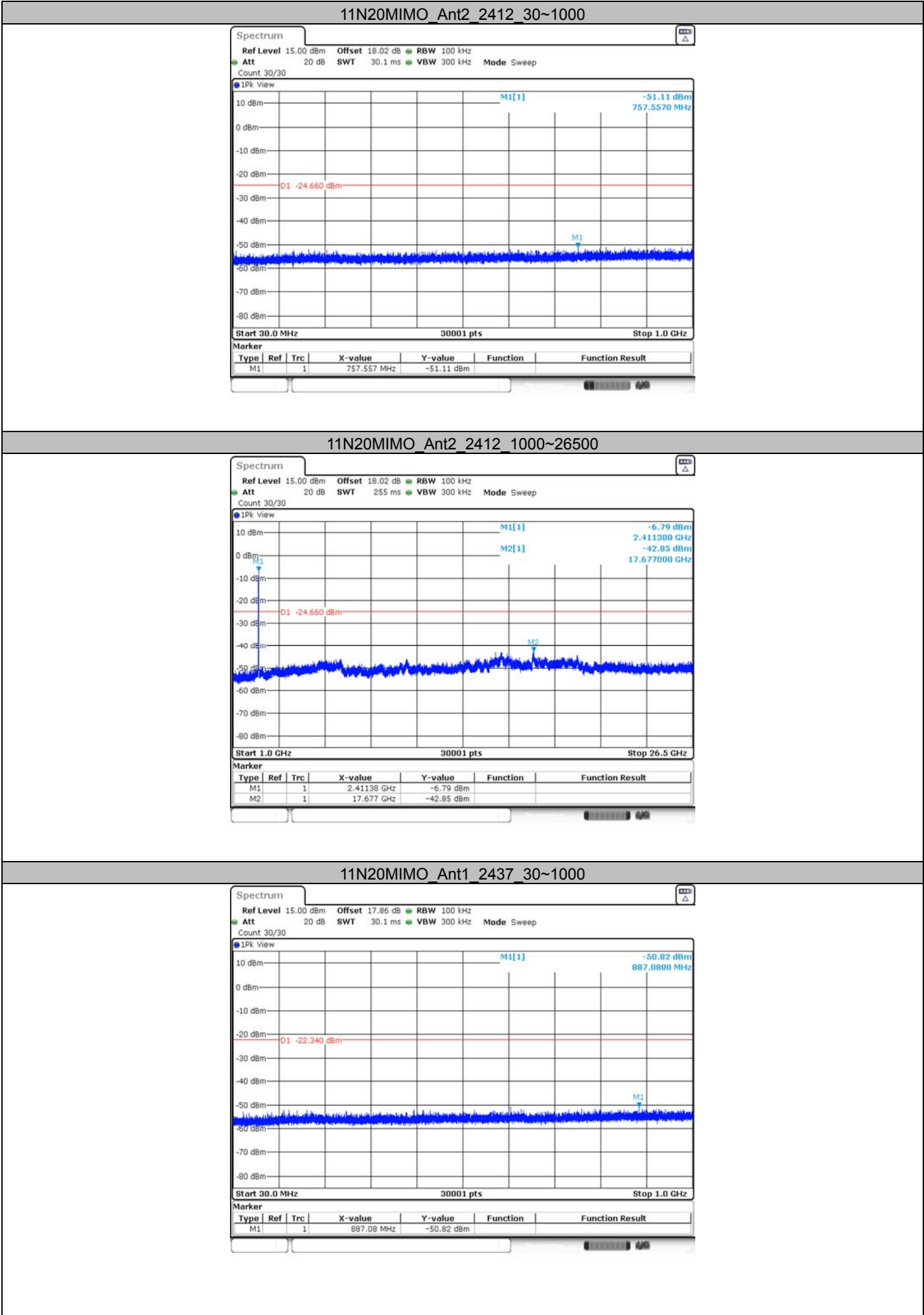




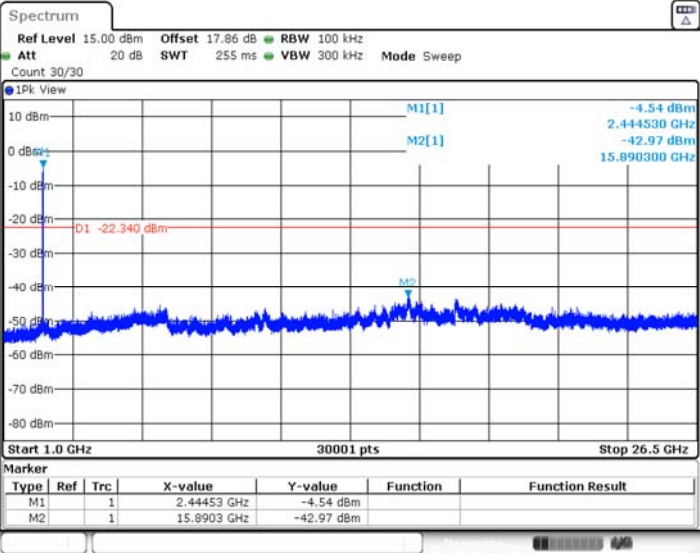




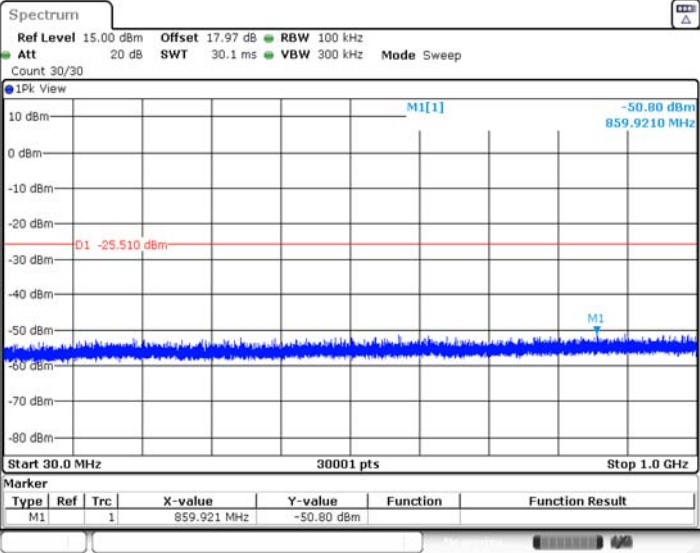




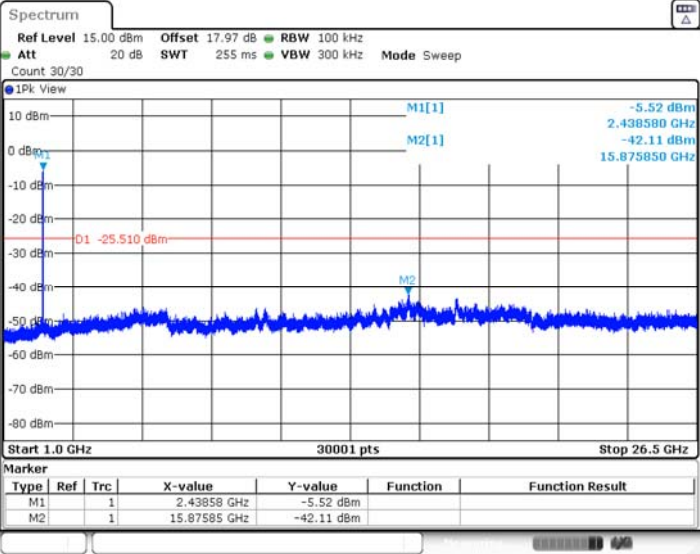
11N20MIMO_Ant1_2437_1000~26500

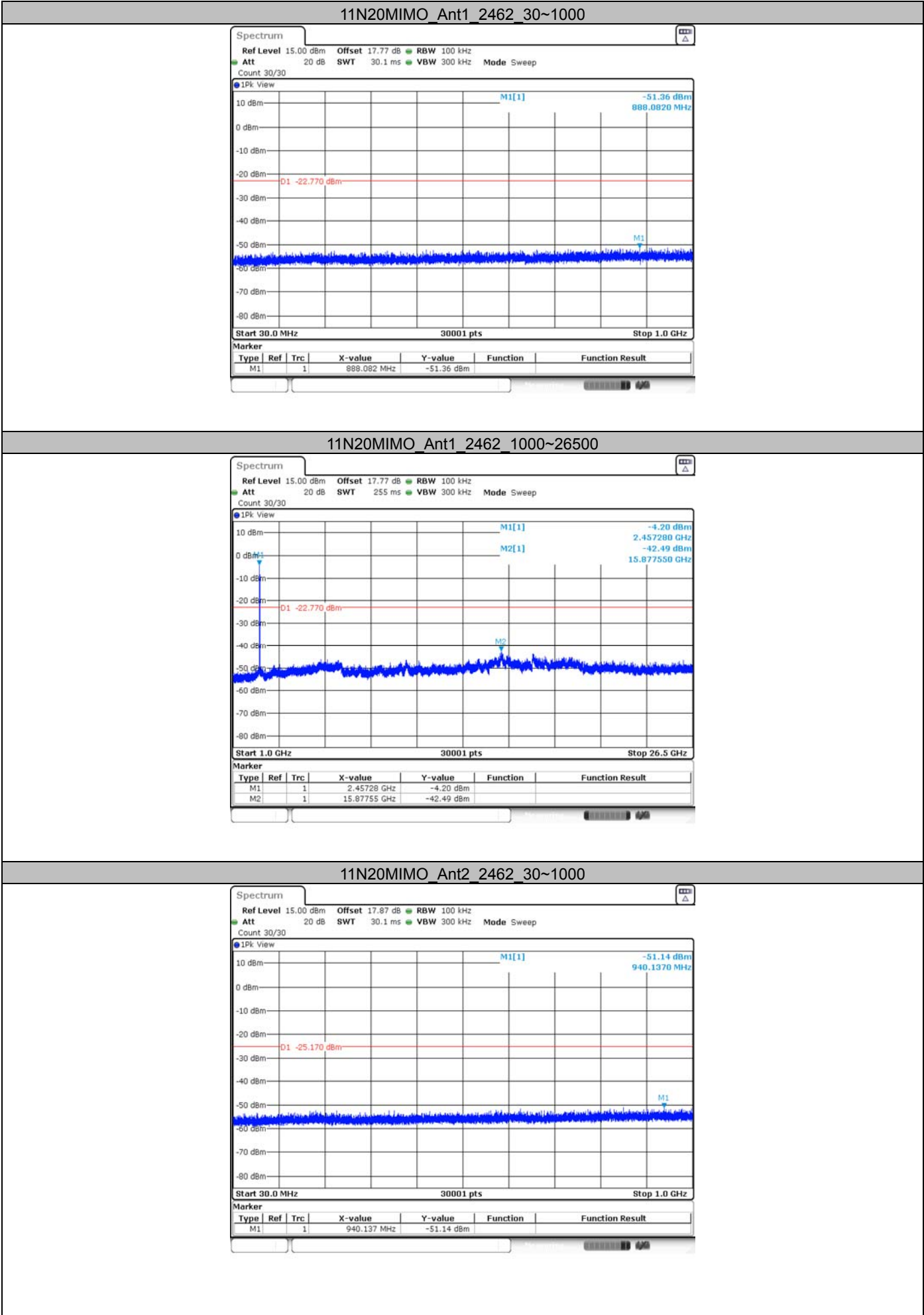


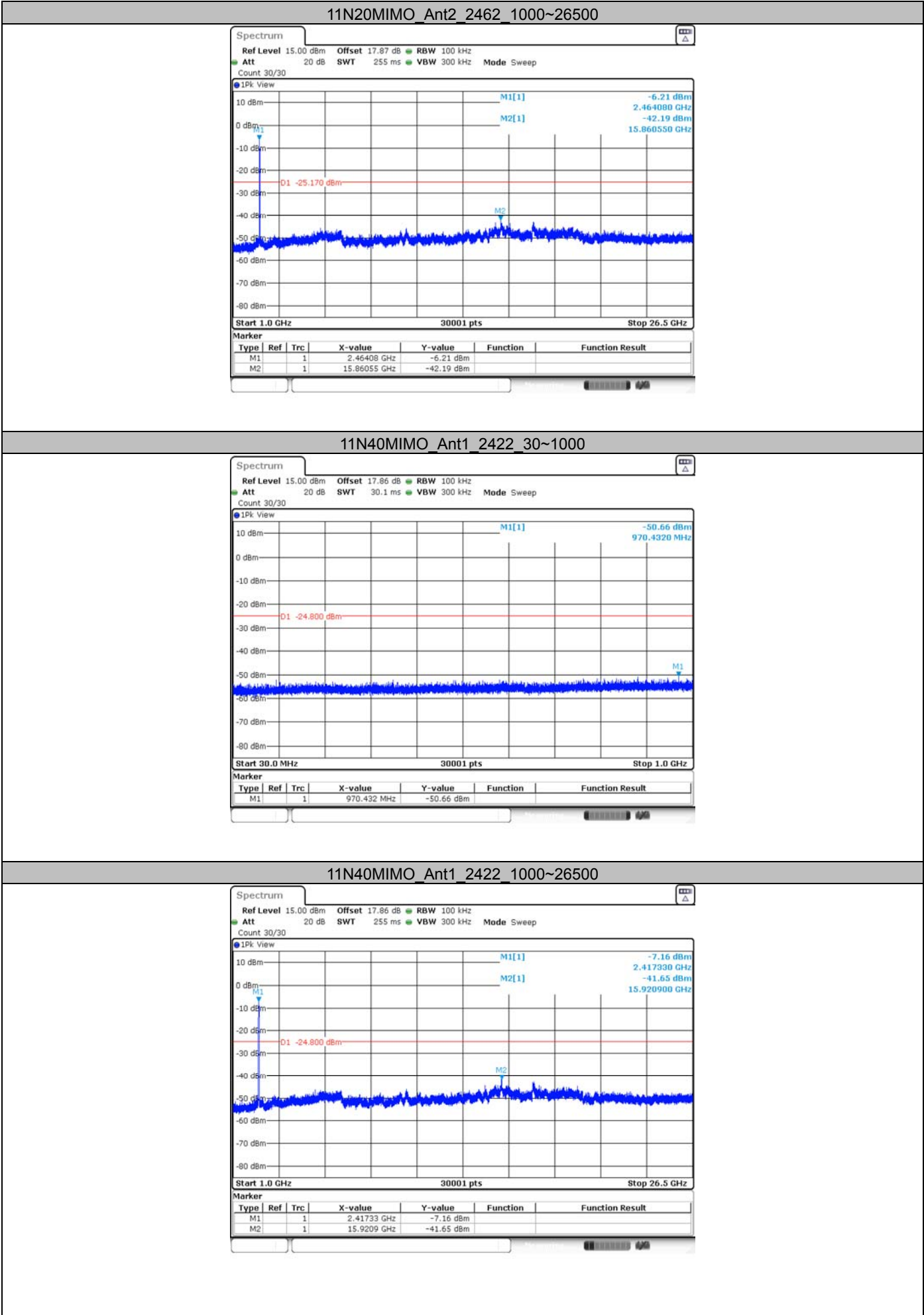
11N20MIMO_Ant2_2437_30~1000

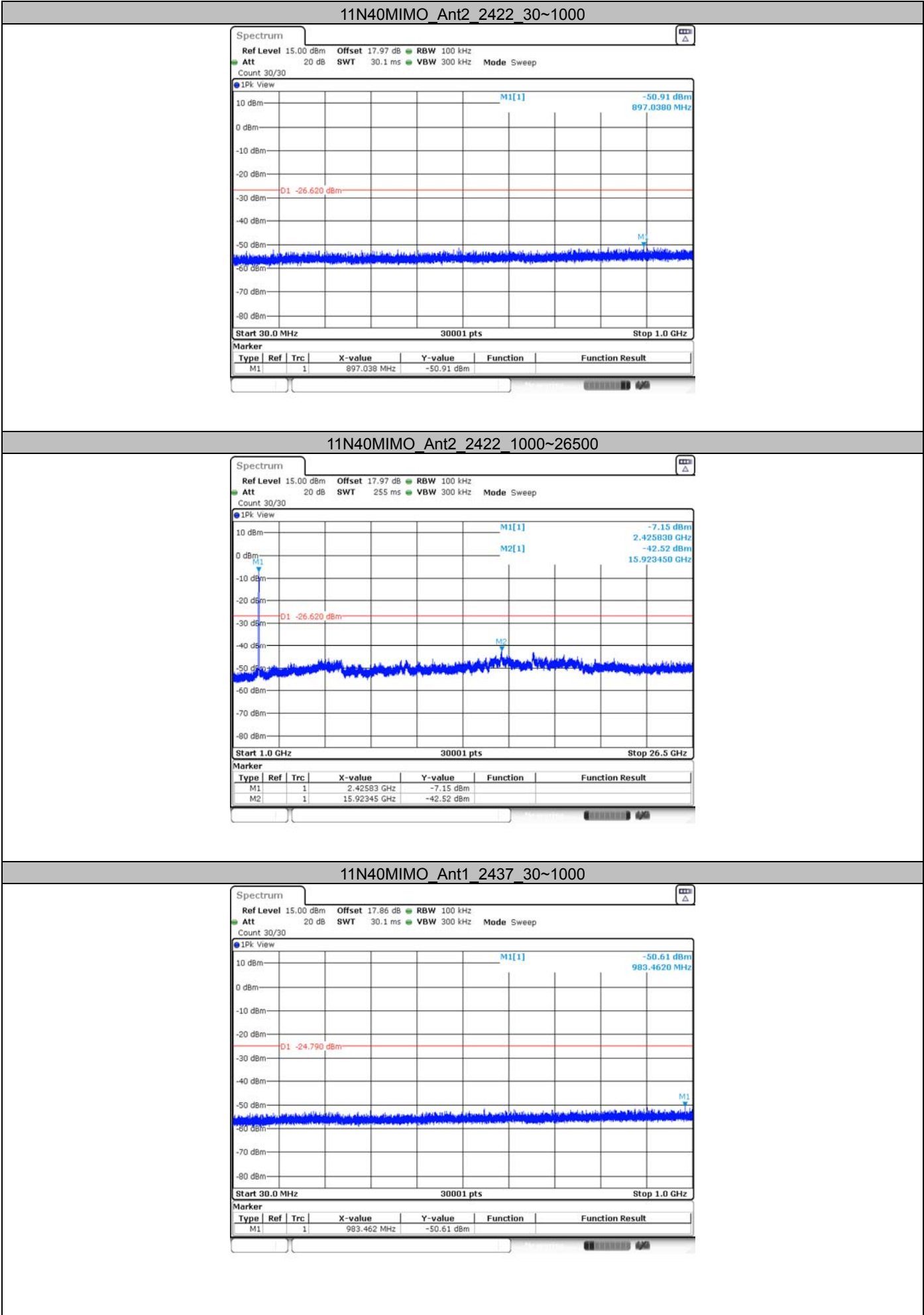


11N20MIMO_Ant2_2437_1000~26500

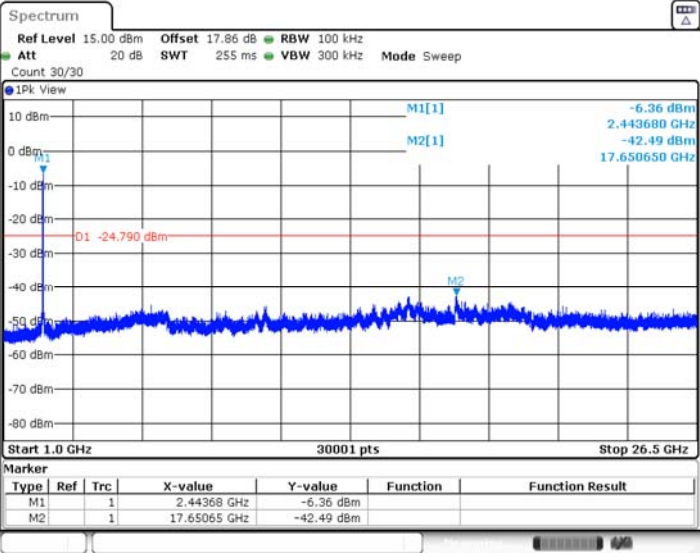




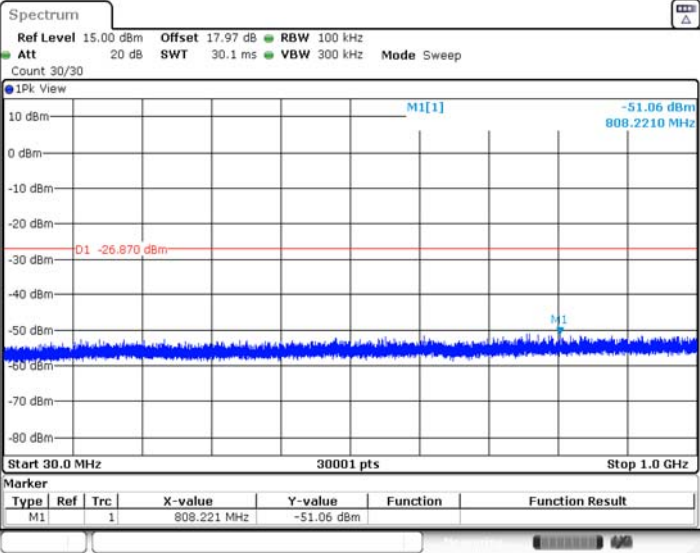




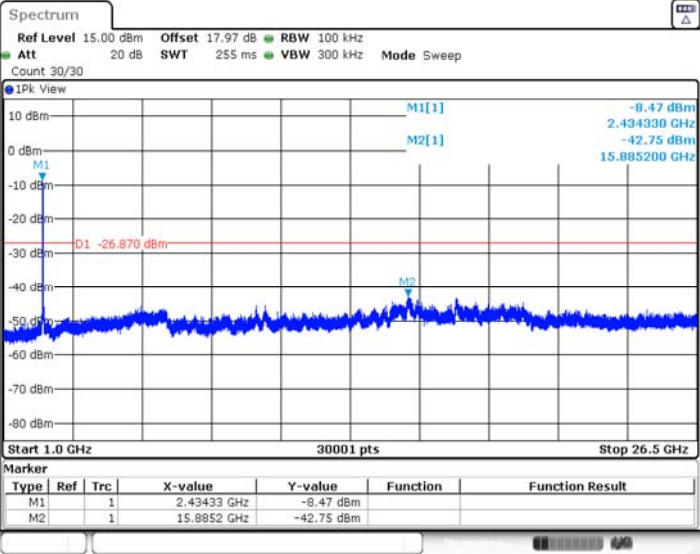
11N40MIMO_Ant1_2437_1000~26500

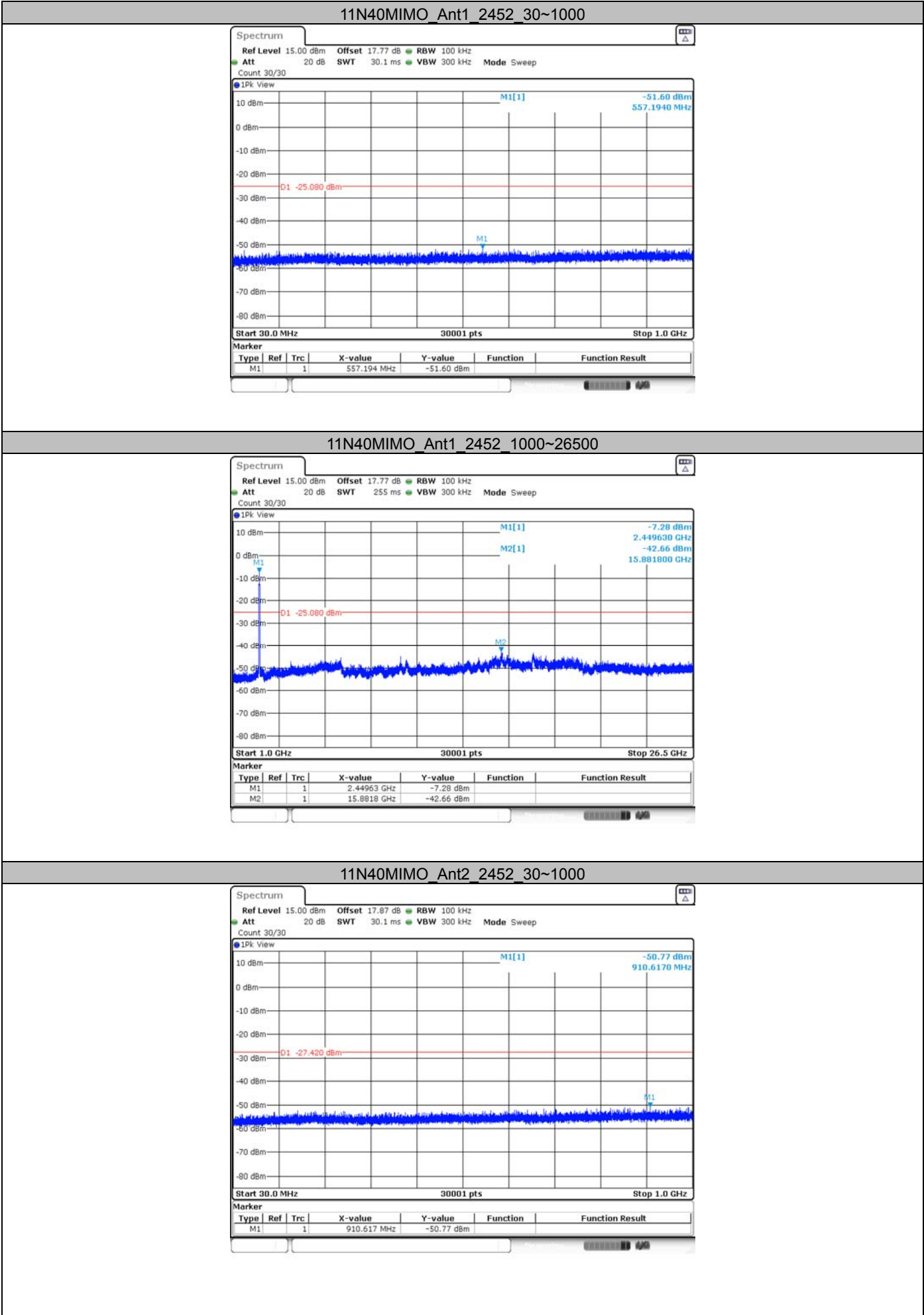


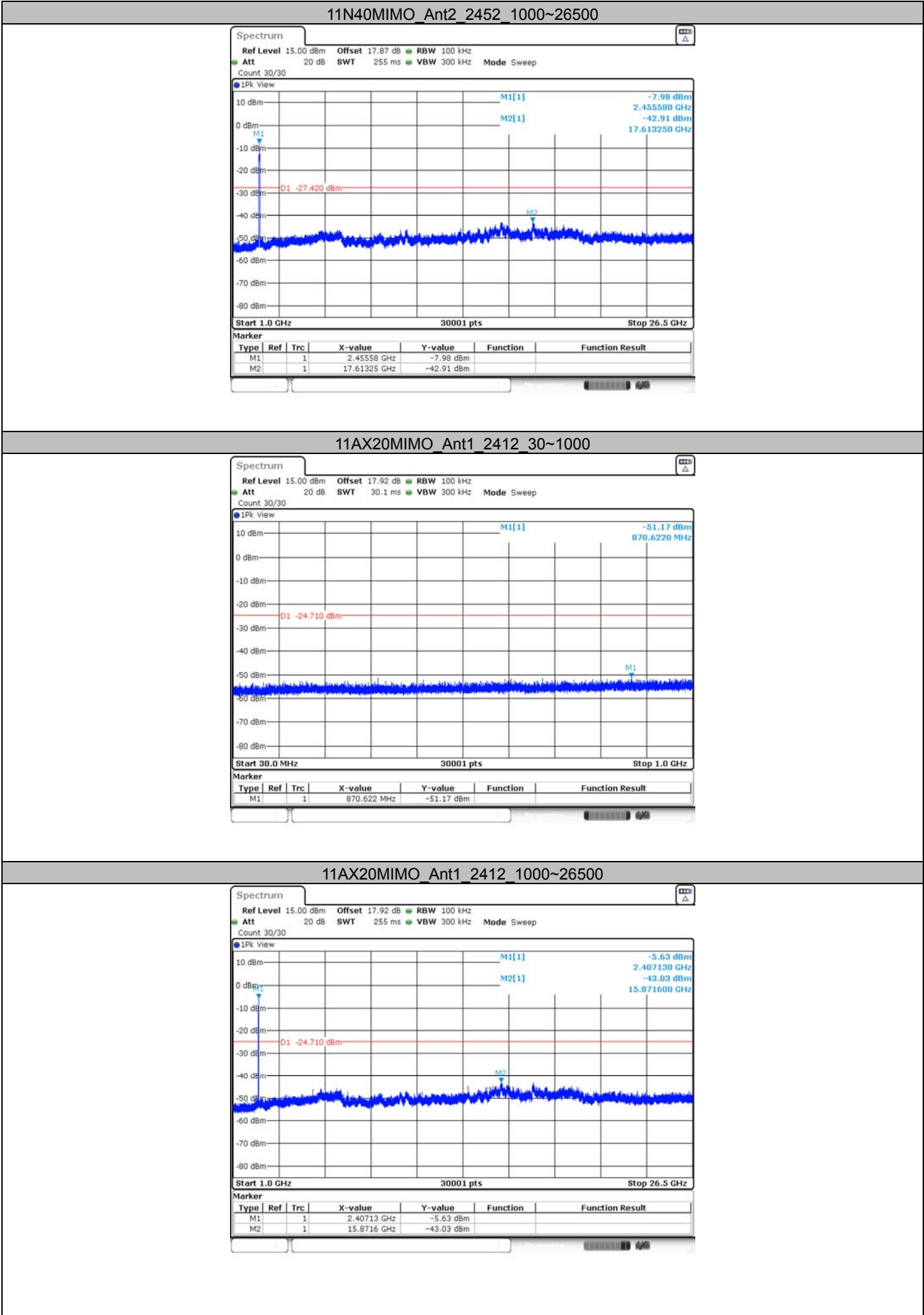
11N40MIMO_Ant2_2437_30~1000

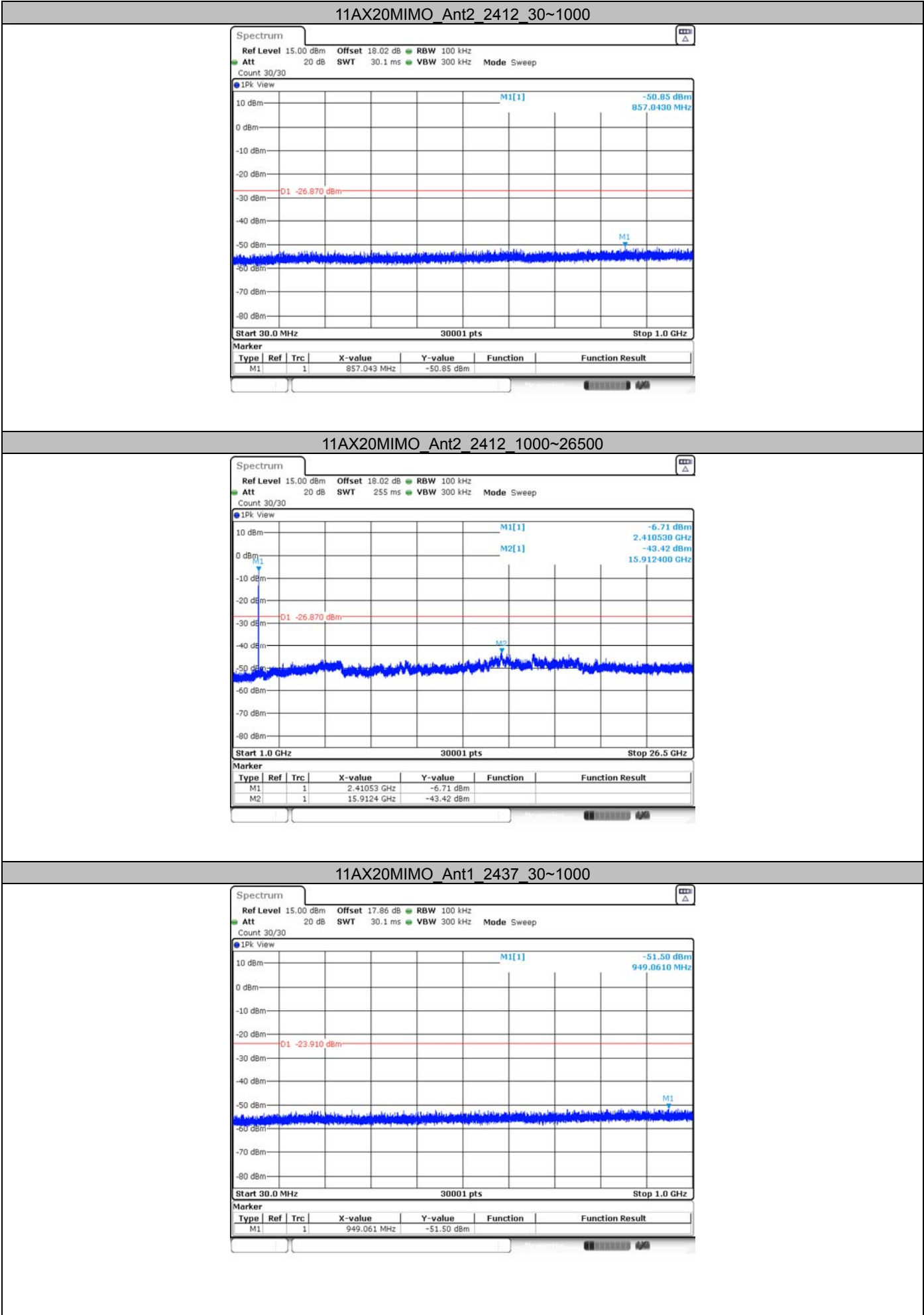


11N40MIMO_Ant2_2437_1000~26500

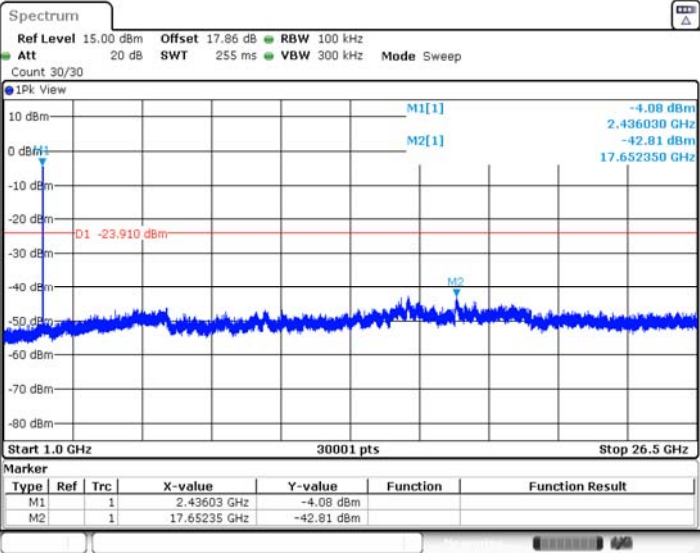




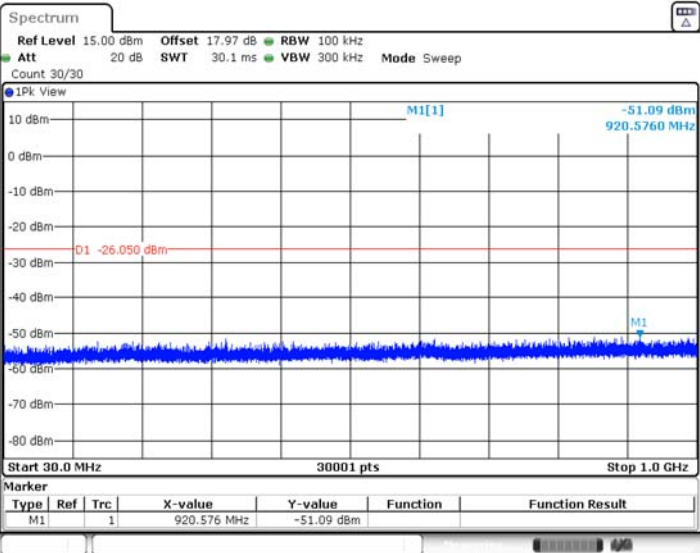




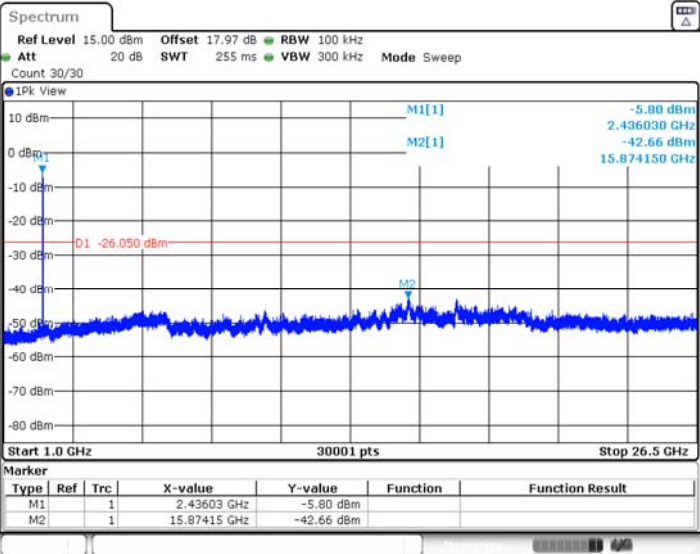
11AX20MIMO_Ant1_2437_1000~26500



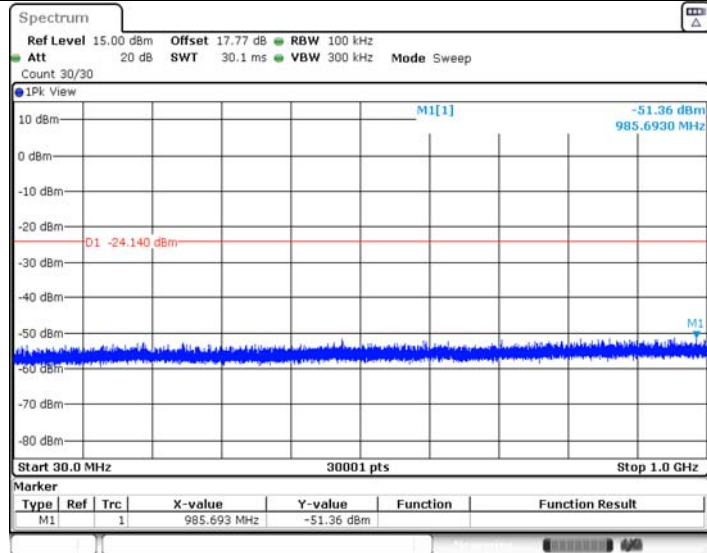
11AX20MIMO_Ant2_2437_30~1000



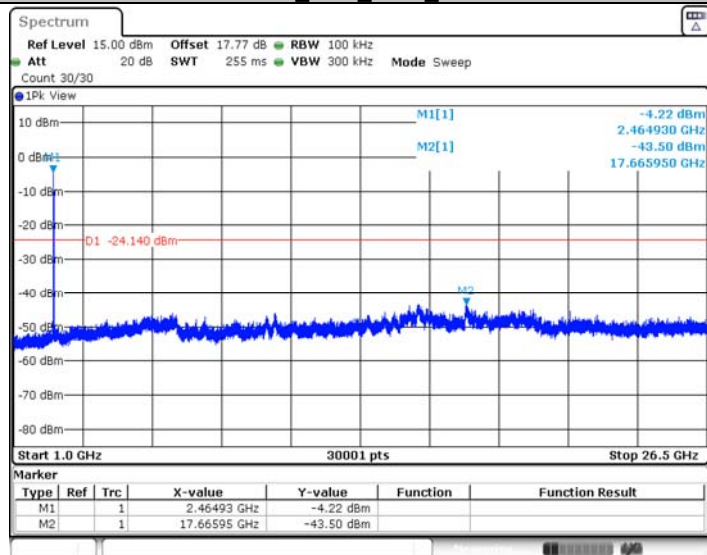
11AX20MIMO_Ant2_2437_1000~26500



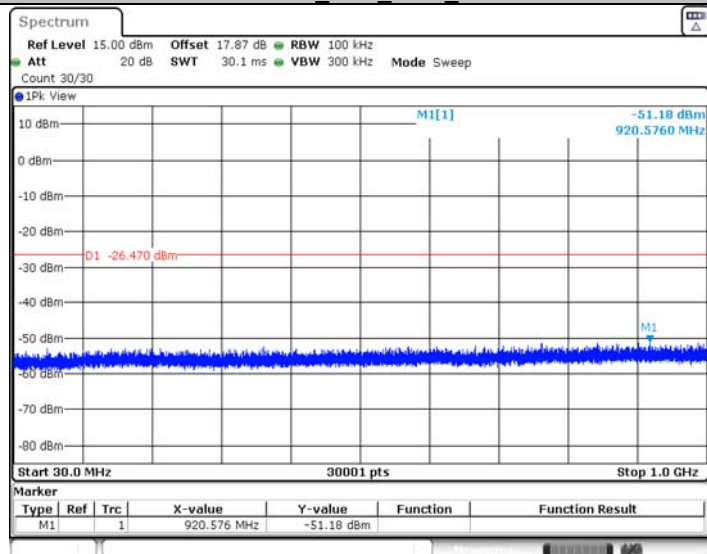
11AX20MIMO_Ant1_2462_30~1000

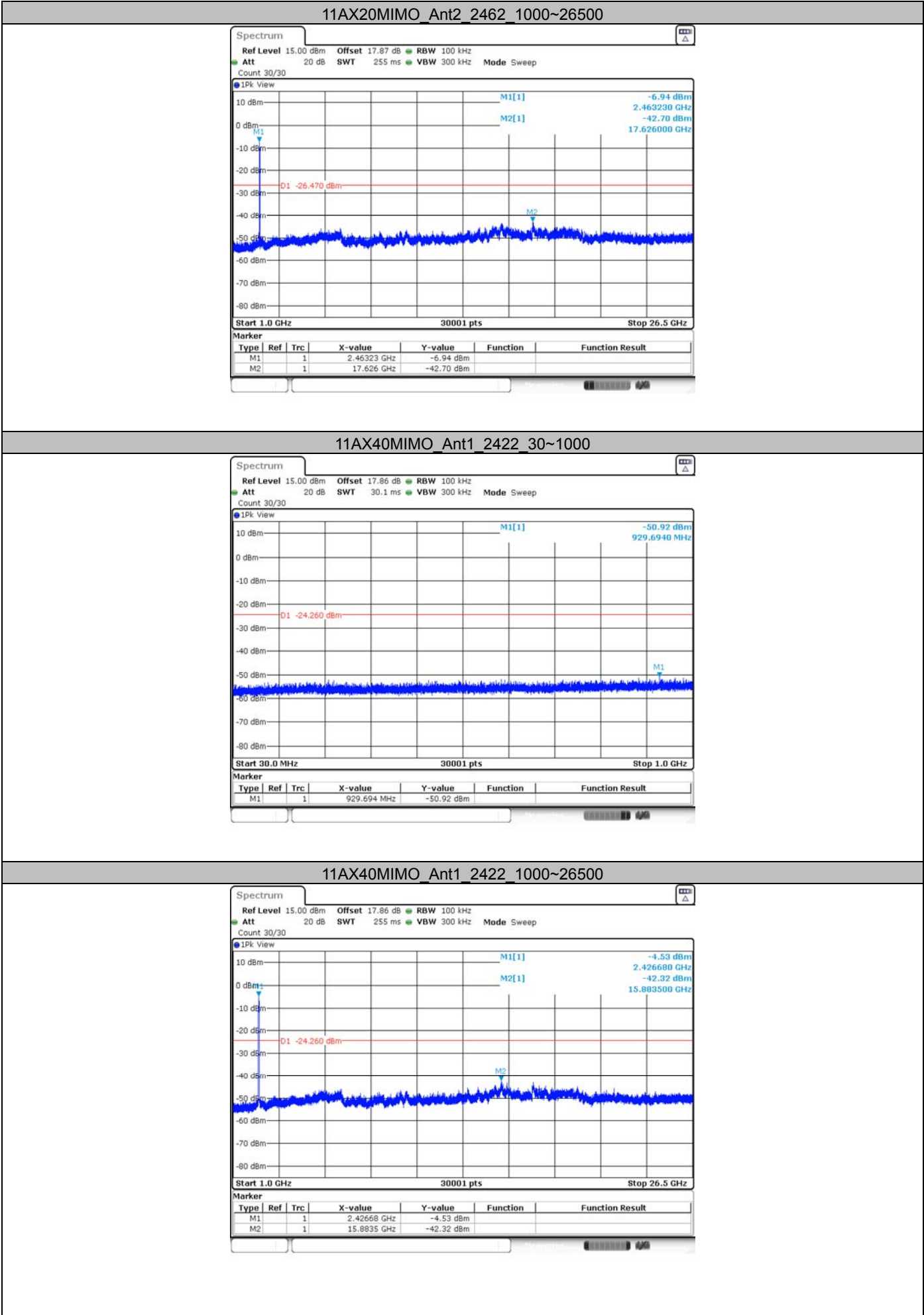


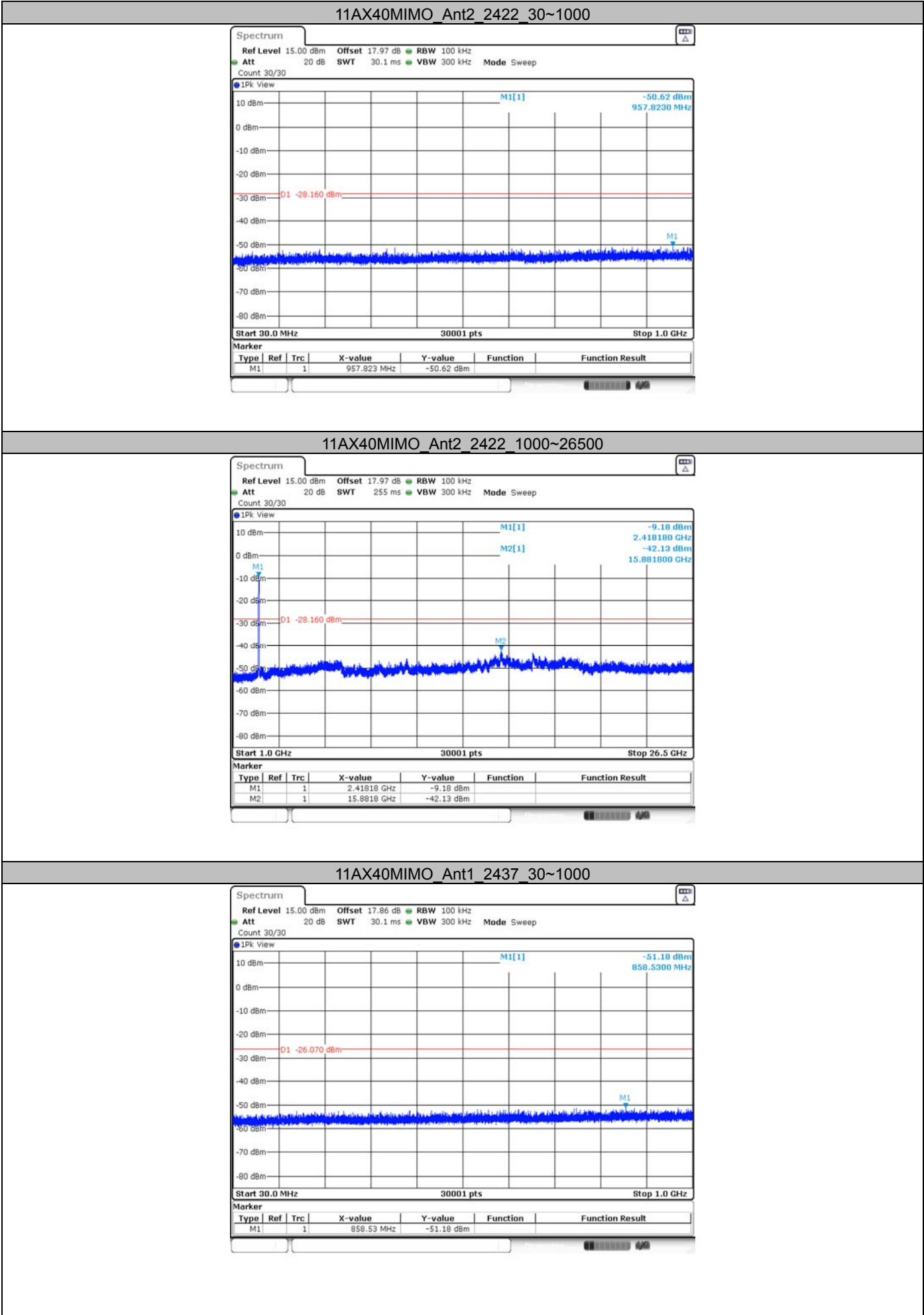
11AX20MIMO_Ant1_2462_1000~26500



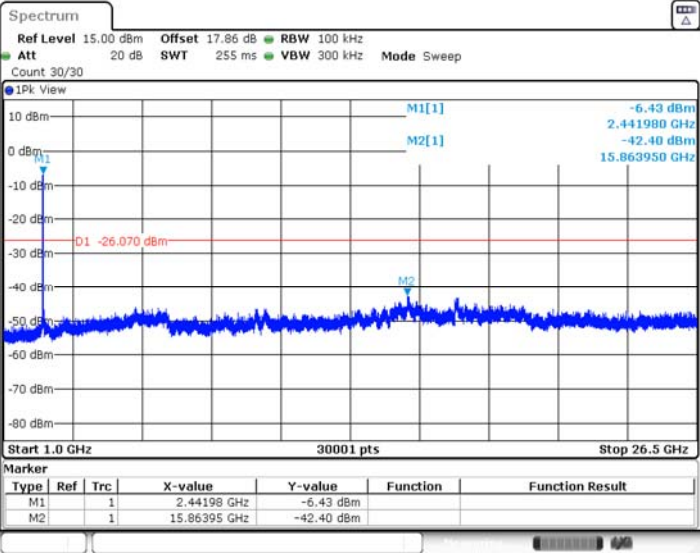
11AX20MIMO_Ant2_2462_30~1000



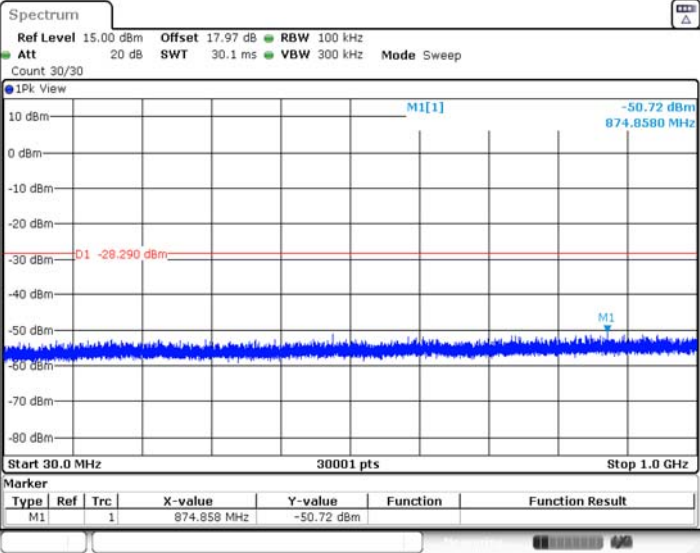




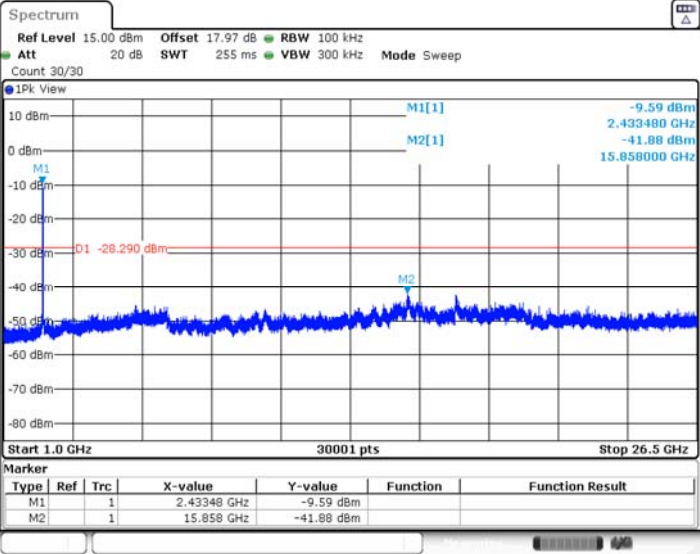
11AX40MIMO_Ant1_2437_1000~26500

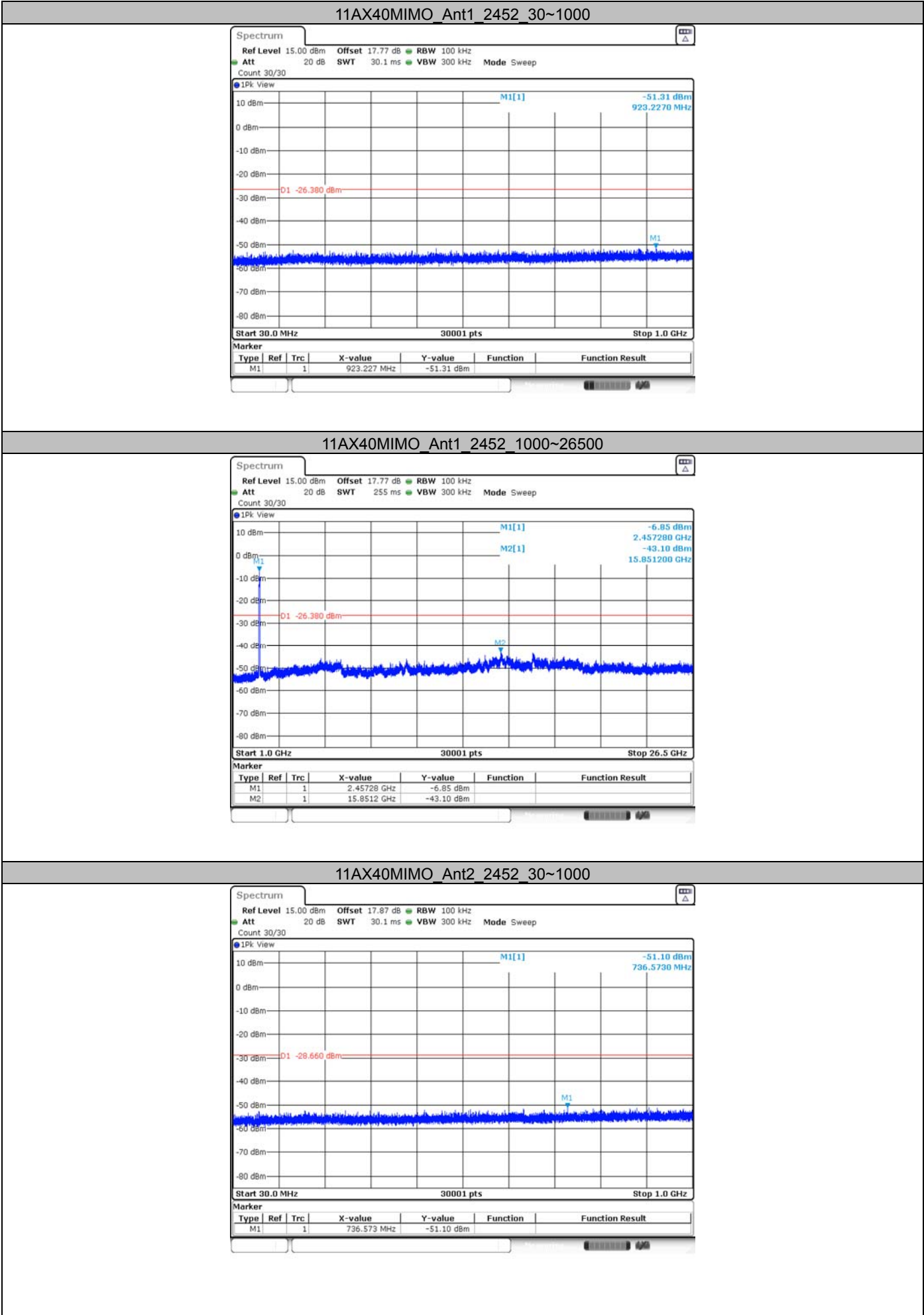


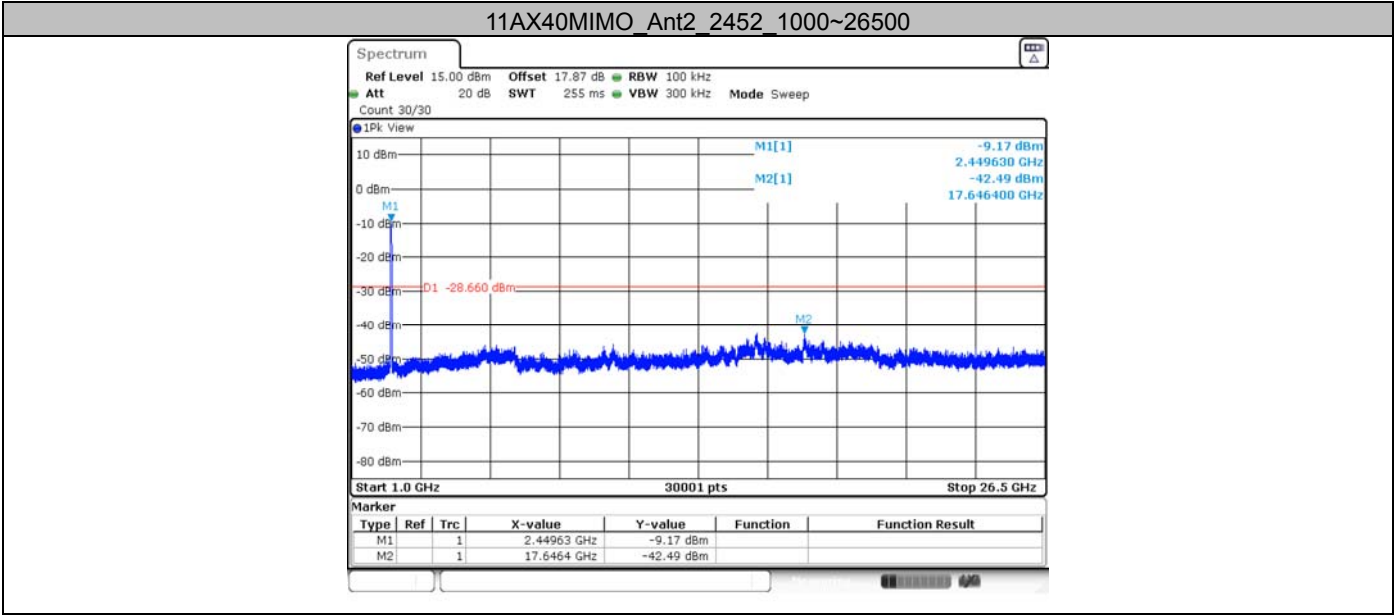
11AX40MIMO_Ant2_2437_30~1000



11AX40MIMO_Ant2_2437_1000~26500





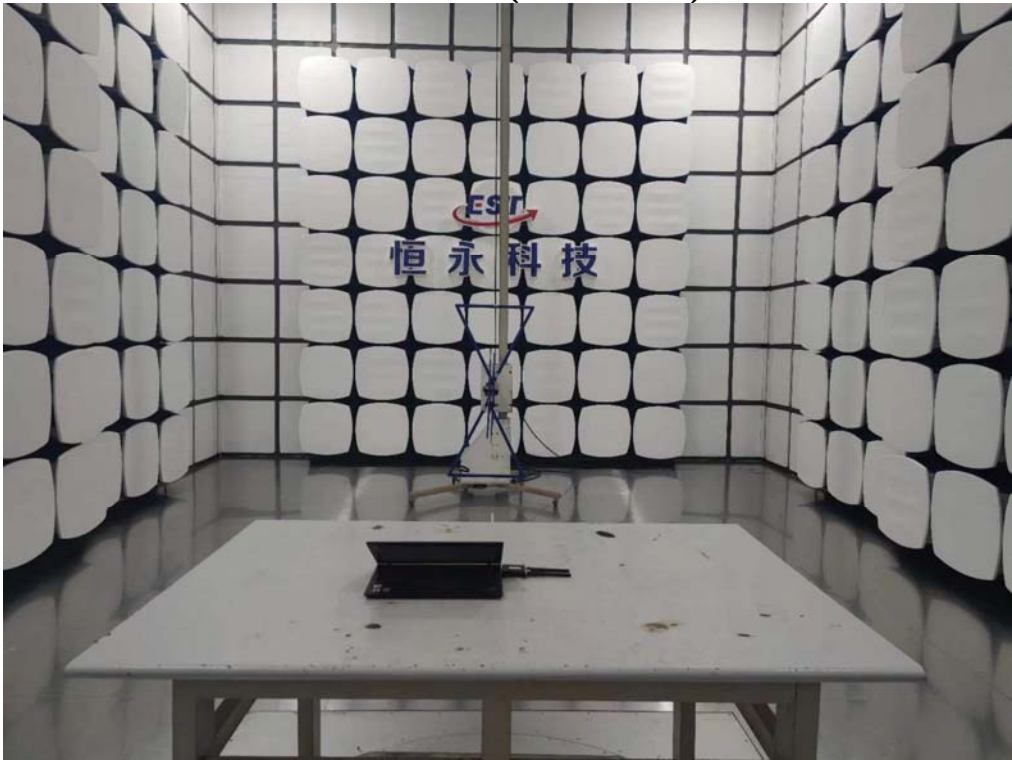


12. TEST SETUP PHOTO

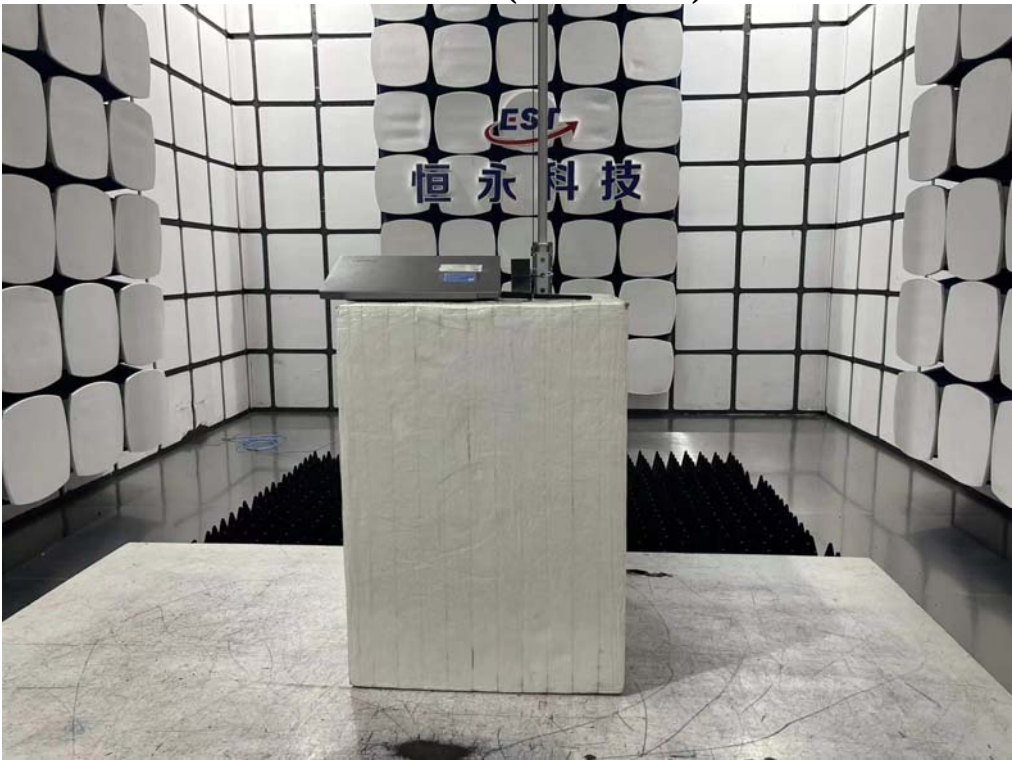
Conducted Test



Radiated Test (Below 1GHz)

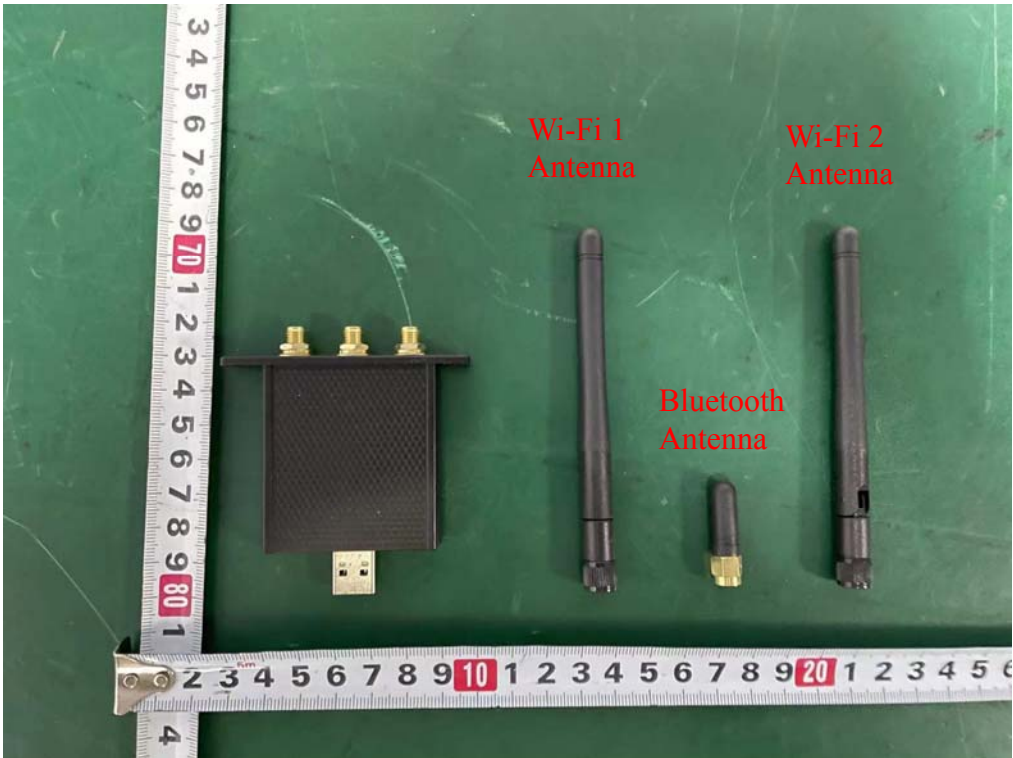


Radiated Test (Above 1GHz)



13. EUT PHOTO

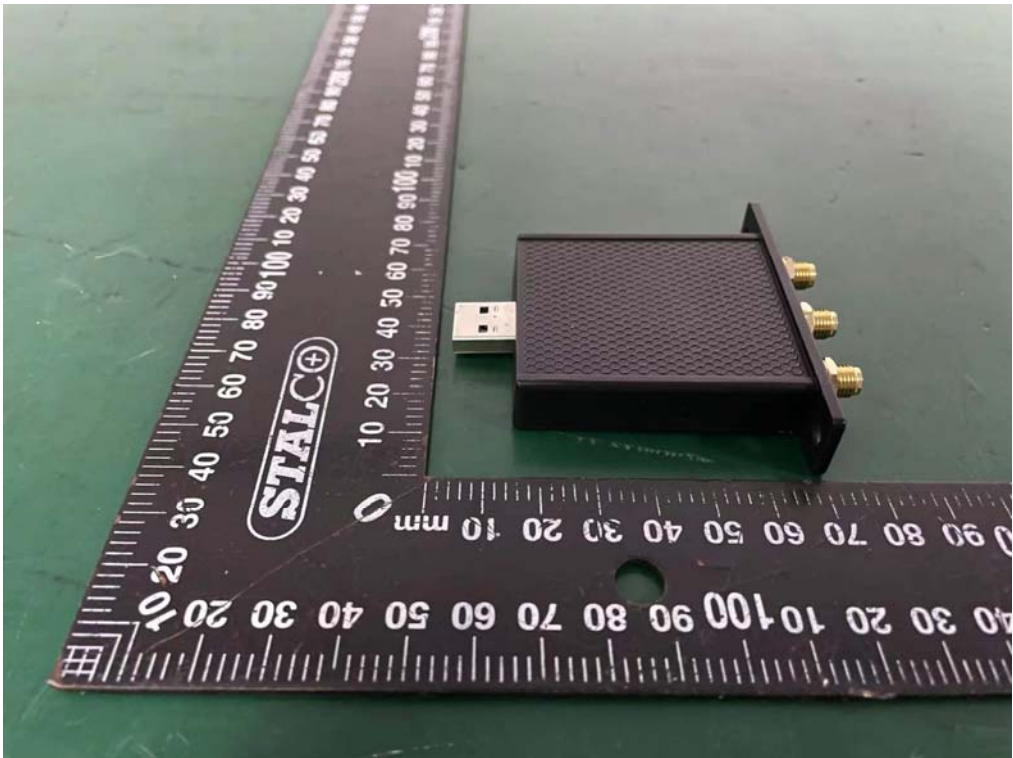
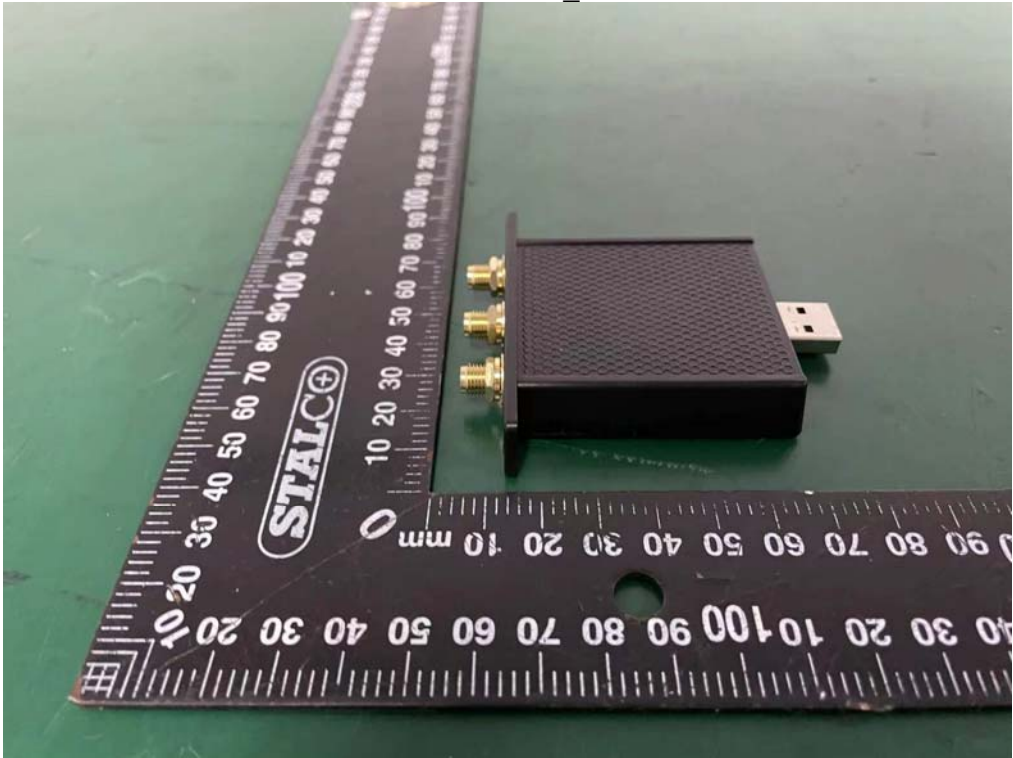
External Photos
M/N: 43RG09 Wifi



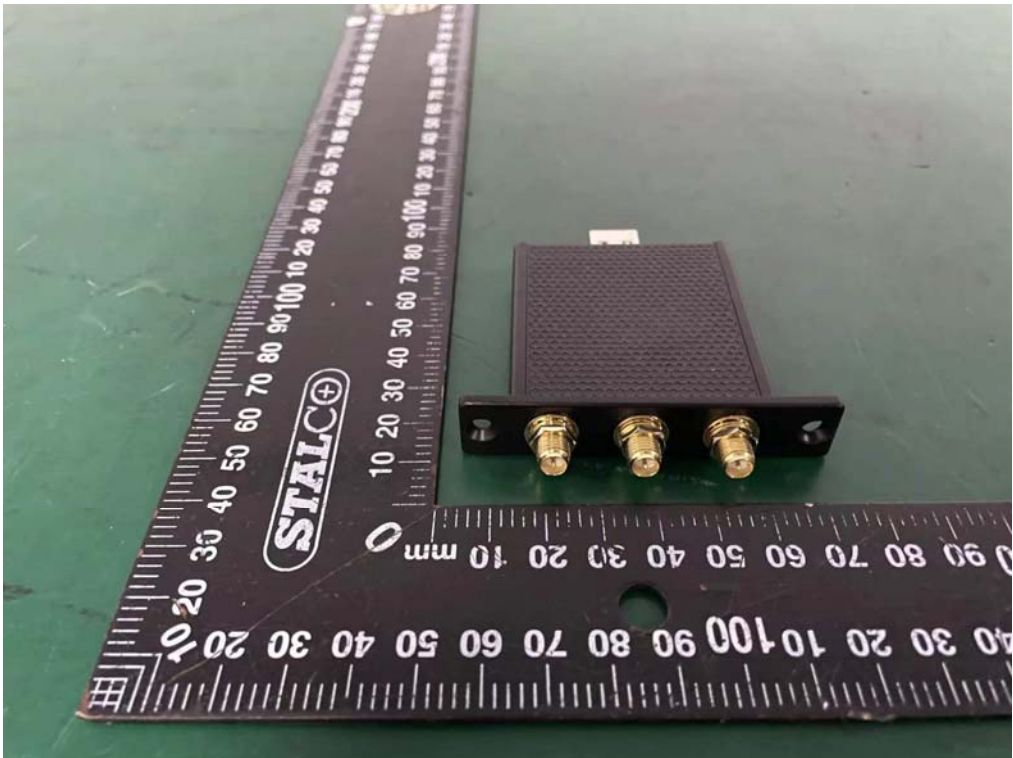
External Photos
M/N: 43RG09_Wifi



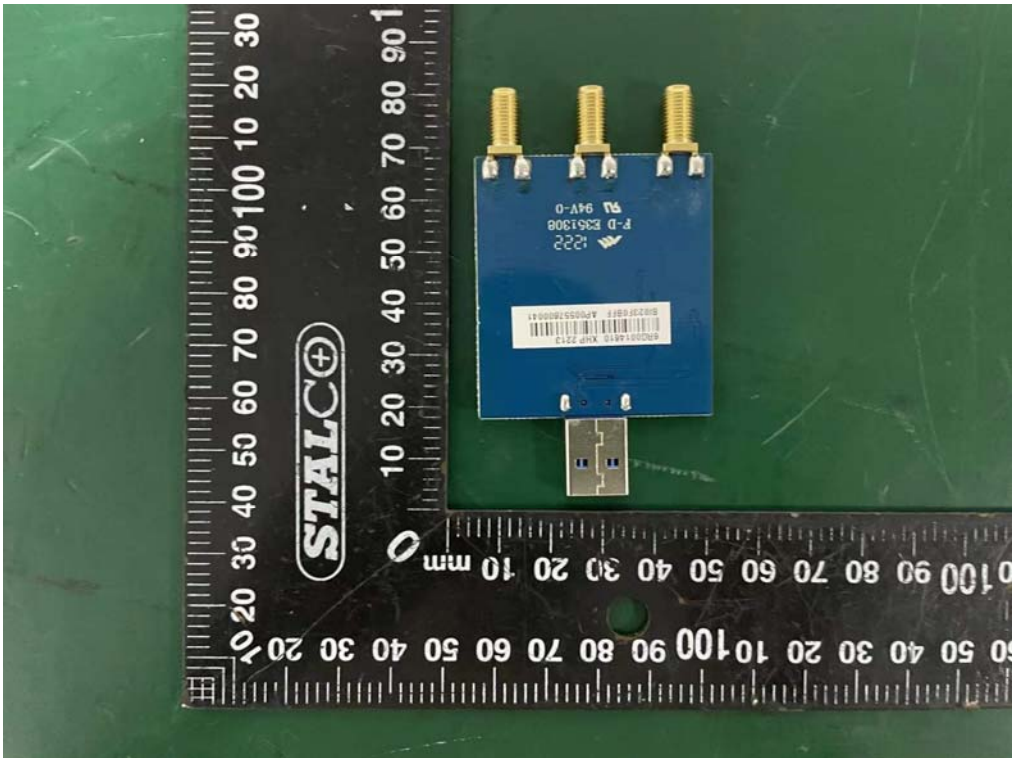
External Photos
M/N: 43RG09_Wifi



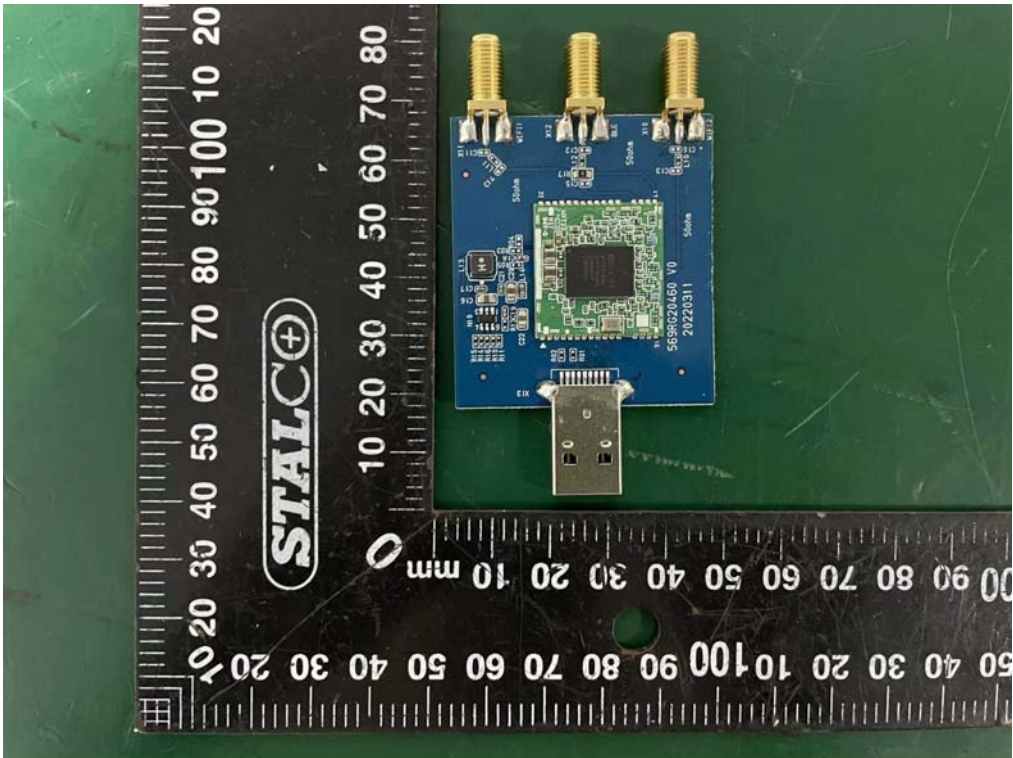
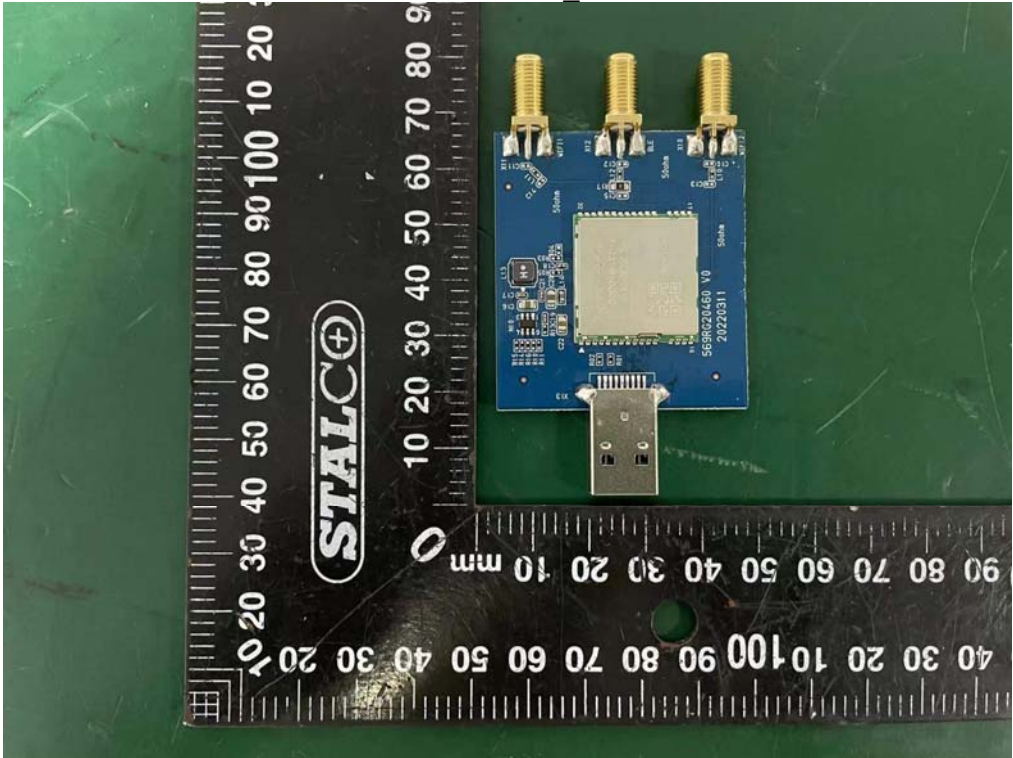
External Photos
M/N: 43RG09_Wifi



Internal Photos
M/N: 43RG09 Wifi



Internal Photos
M/N: 43RG09 Wifi



End of Test Report