

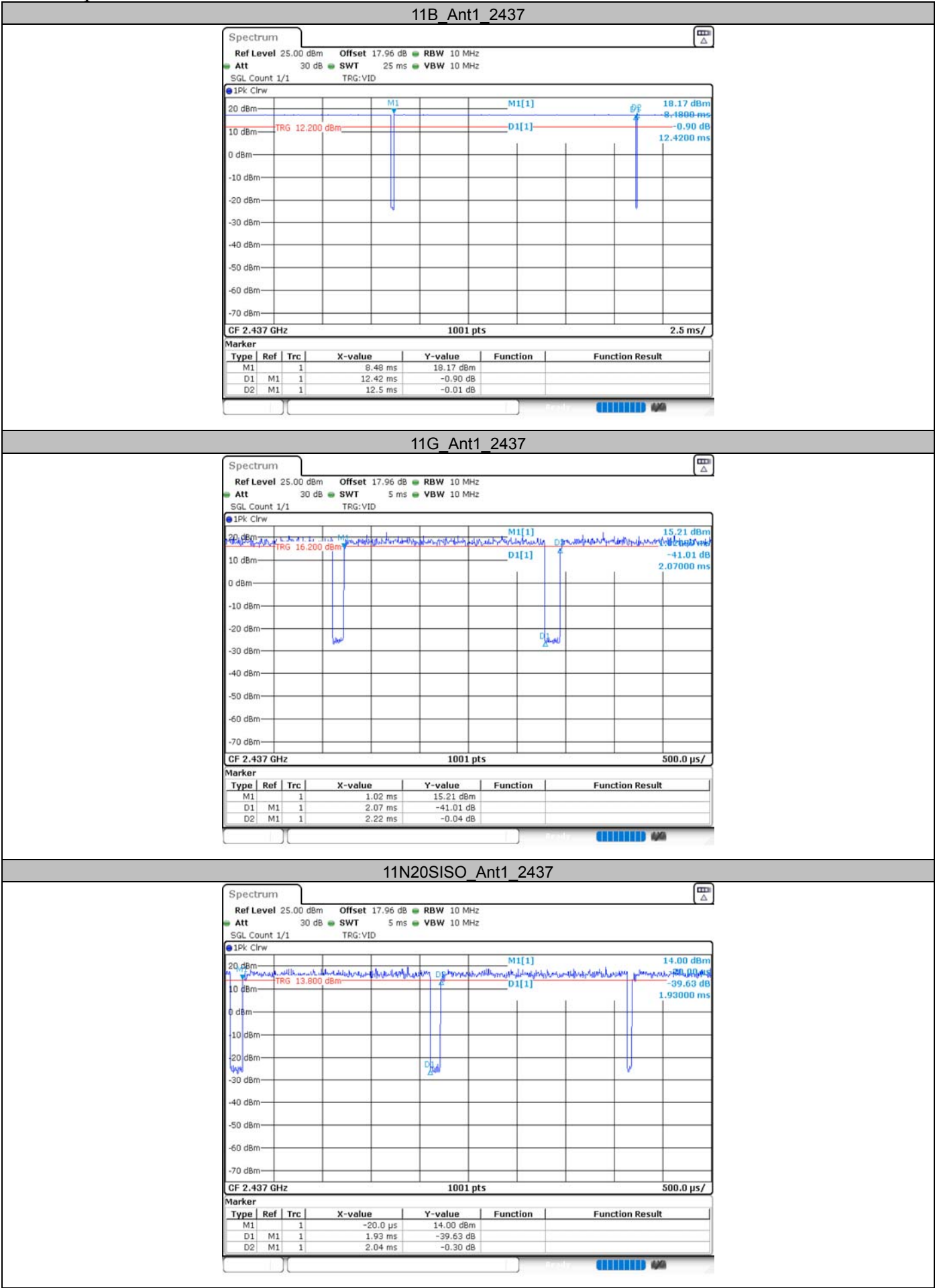
11. APPENDIX

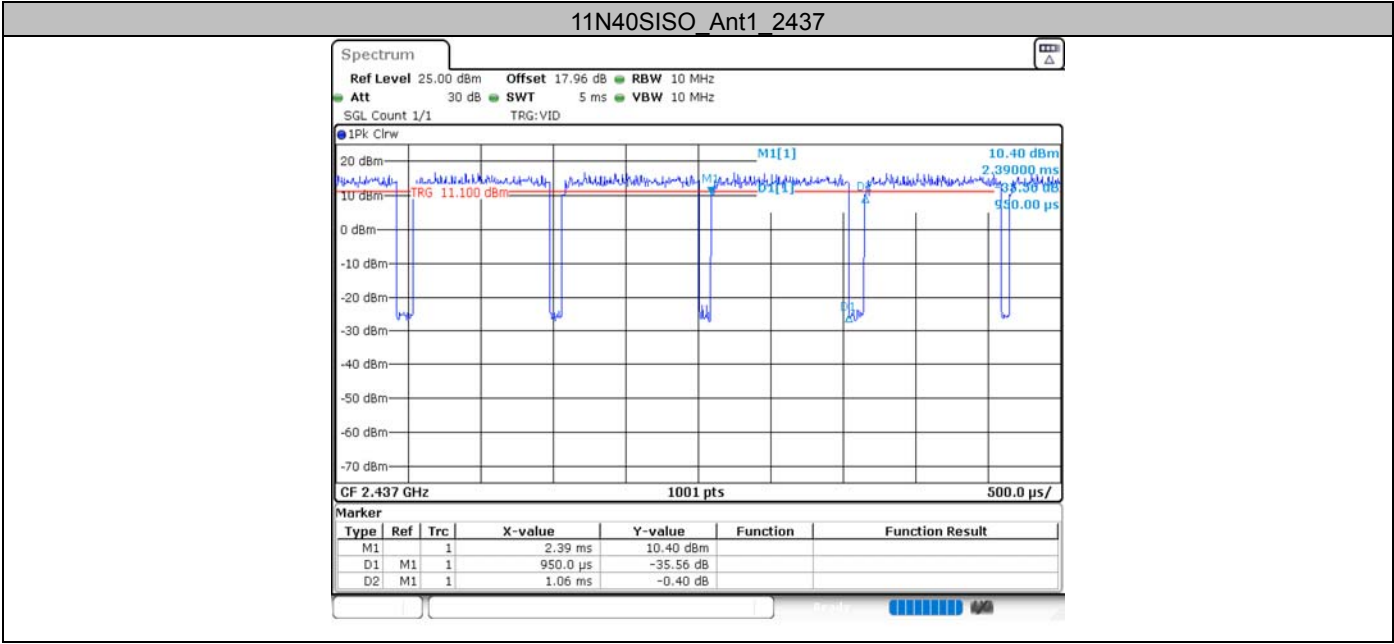
Appendix A: Duty Cycle

Test Result

Test Mode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2437	12.42	12.50	99.36
11G	Ant1	2437	2.07	2.22	93.24
11N20SISO	Ant1	2437	1.93	2.04	94.61
11N40SISO	Ant1	2437	0.95	1.06	89.62

Test Graphs

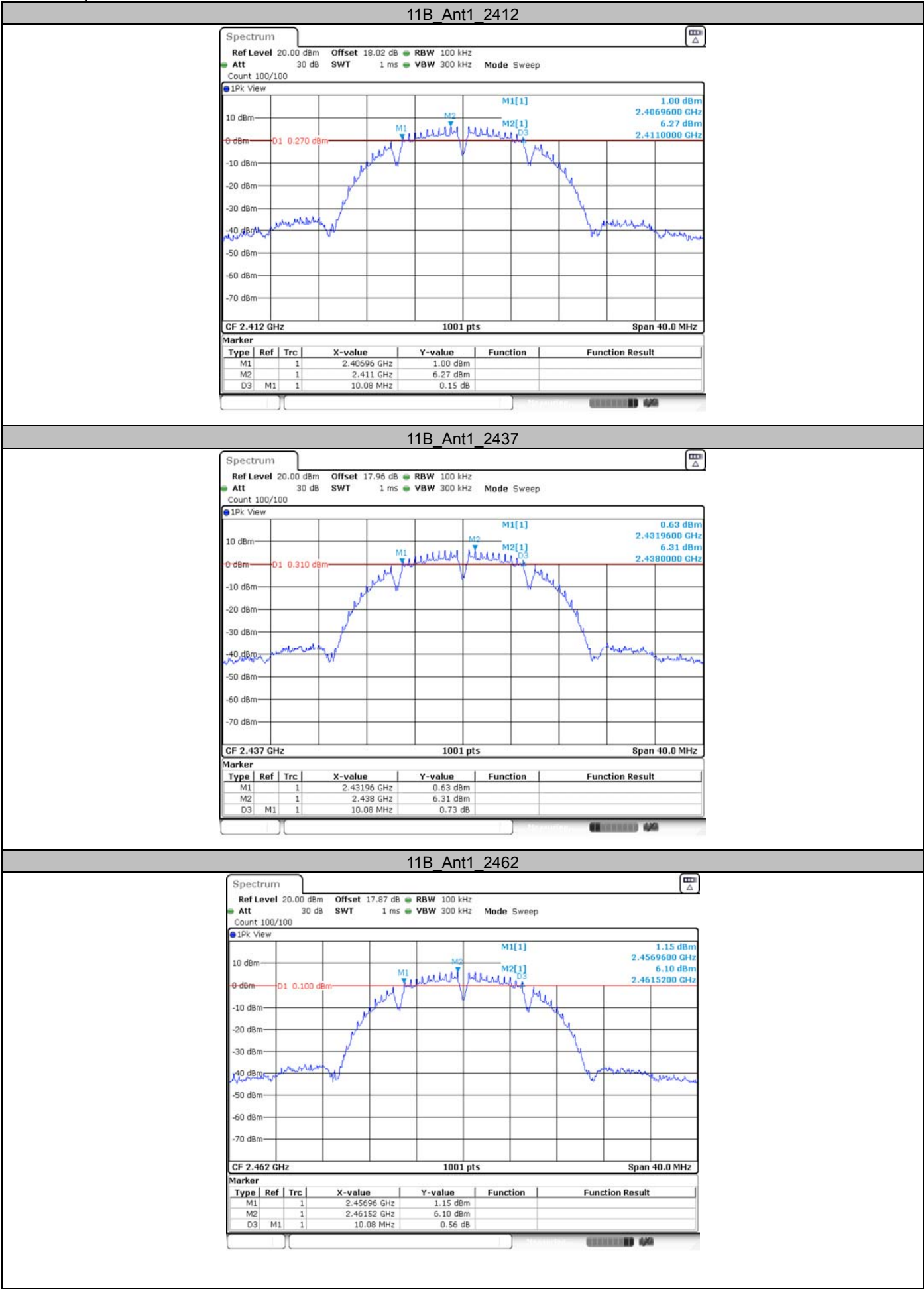




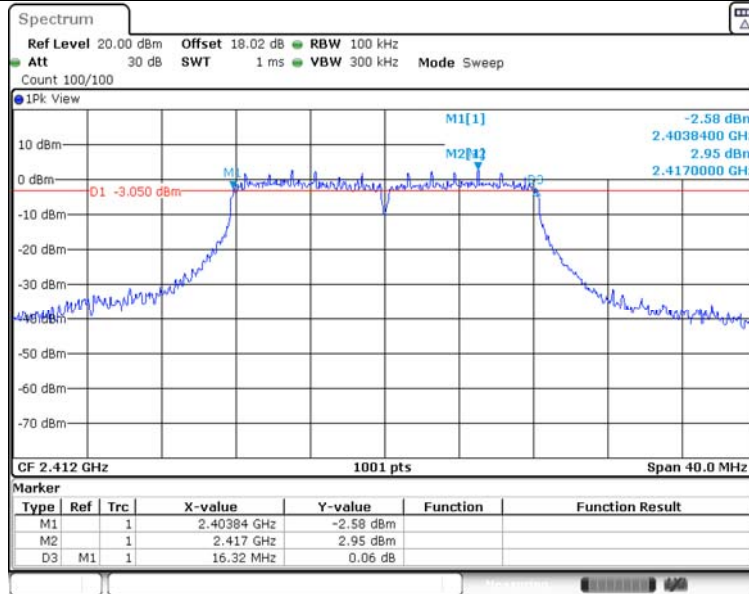
Appendix B: DTS Bandwidth Test Result

Test Mode	Antenna	Frequency [MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	10.08	2406.96	2417.04	0.5	PASS
		2437	10.08	2431.96	2442.04	0.5	PASS
		2462	10.08	2456.96	2467.04	0.5	PASS
11G	Ant1	2412	16.32	2403.84	2420.16	0.5	PASS
		2437	16.32	2428.84	2445.16	0.5	PASS
		2462	16.32	2453.84	2470.16	0.5	PASS
11N20SISO	Ant1	2412	16.84	2403.60	2420.44	0.5	PASS
		2437	17.08	2428.52	2445.60	0.5	PASS
		2462	17.00	2453.44	2470.44	0.5	PASS
11N40SISO	Ant1	2422	35.36	2404.24	2439.60	0.5	PASS
		2437	35.20	2419.40	2454.60	0.5	PASS
		2452	35.36	2434.24	2469.60	0.5	PASS

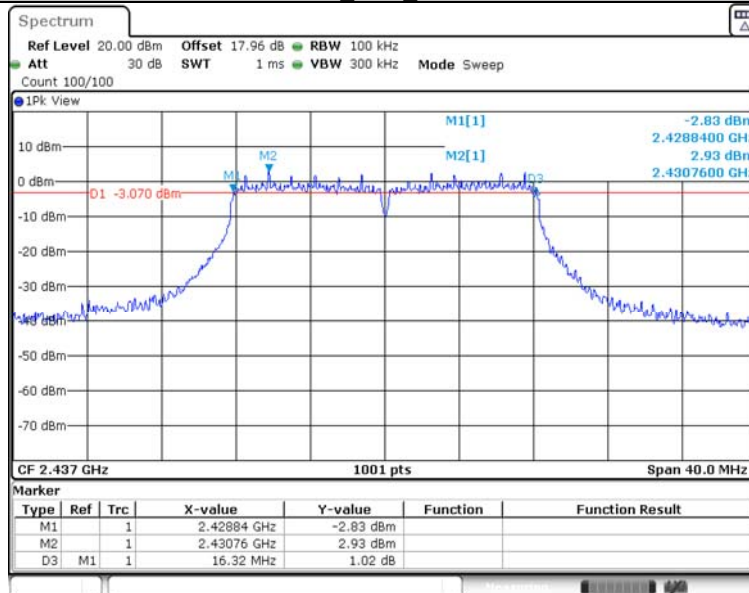
Test Graphs



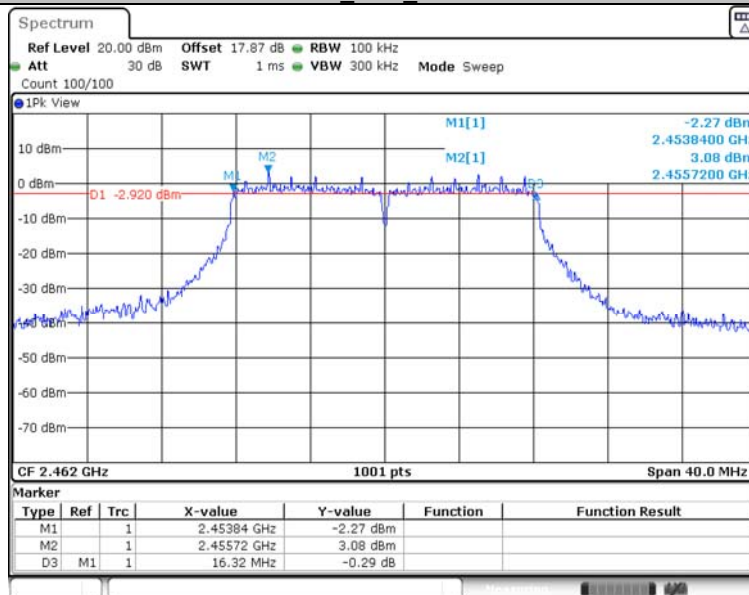
11G_Ant1_2412

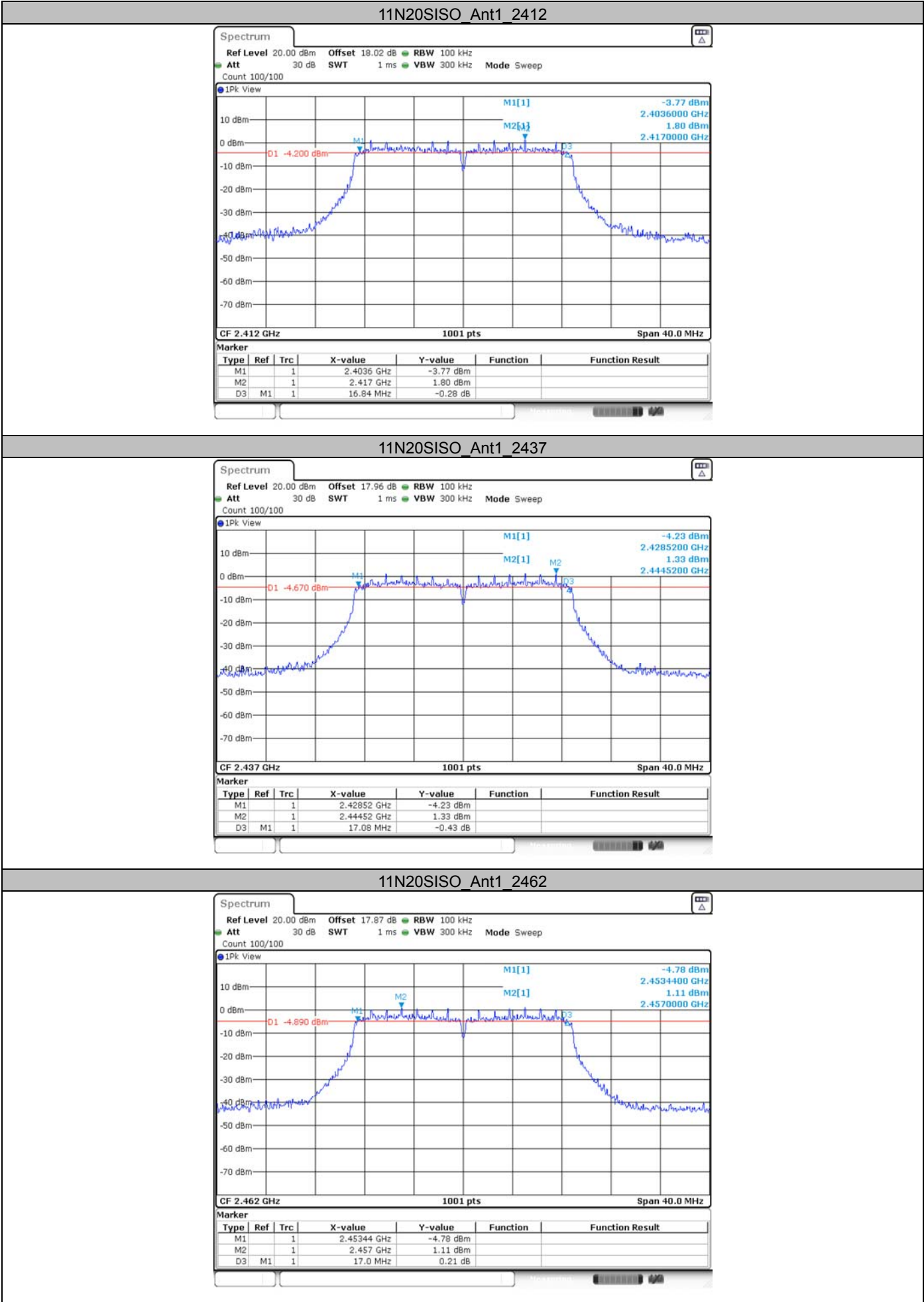


11G_Ant1_2437

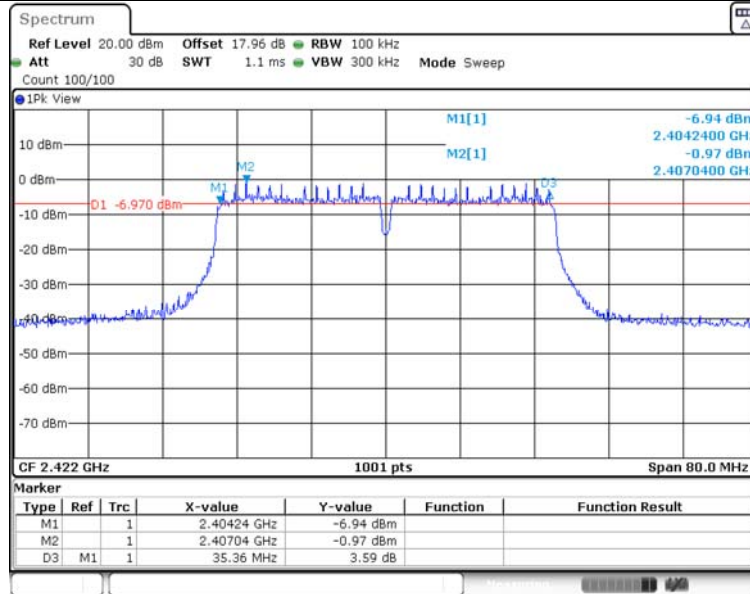


11G_Ant1_2462

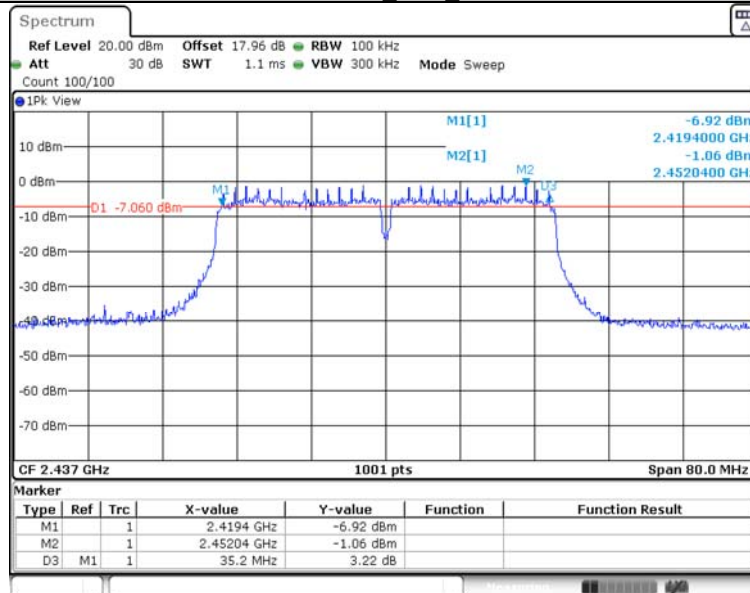




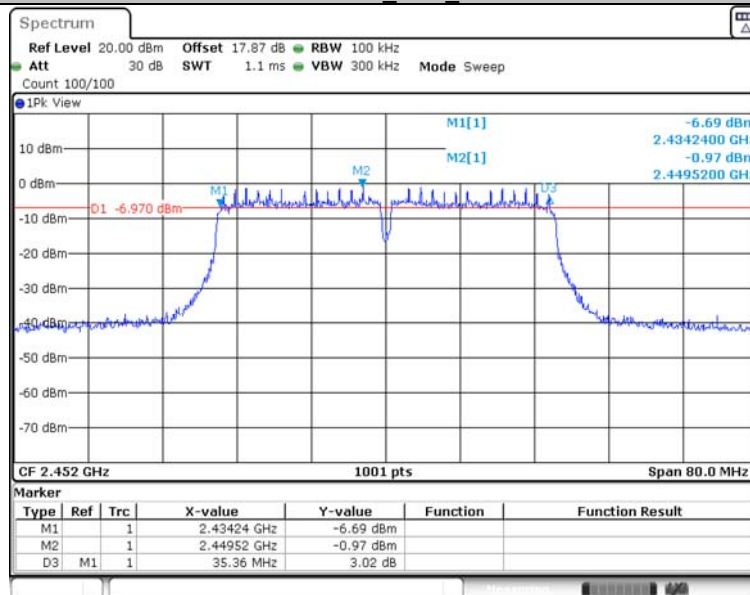
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



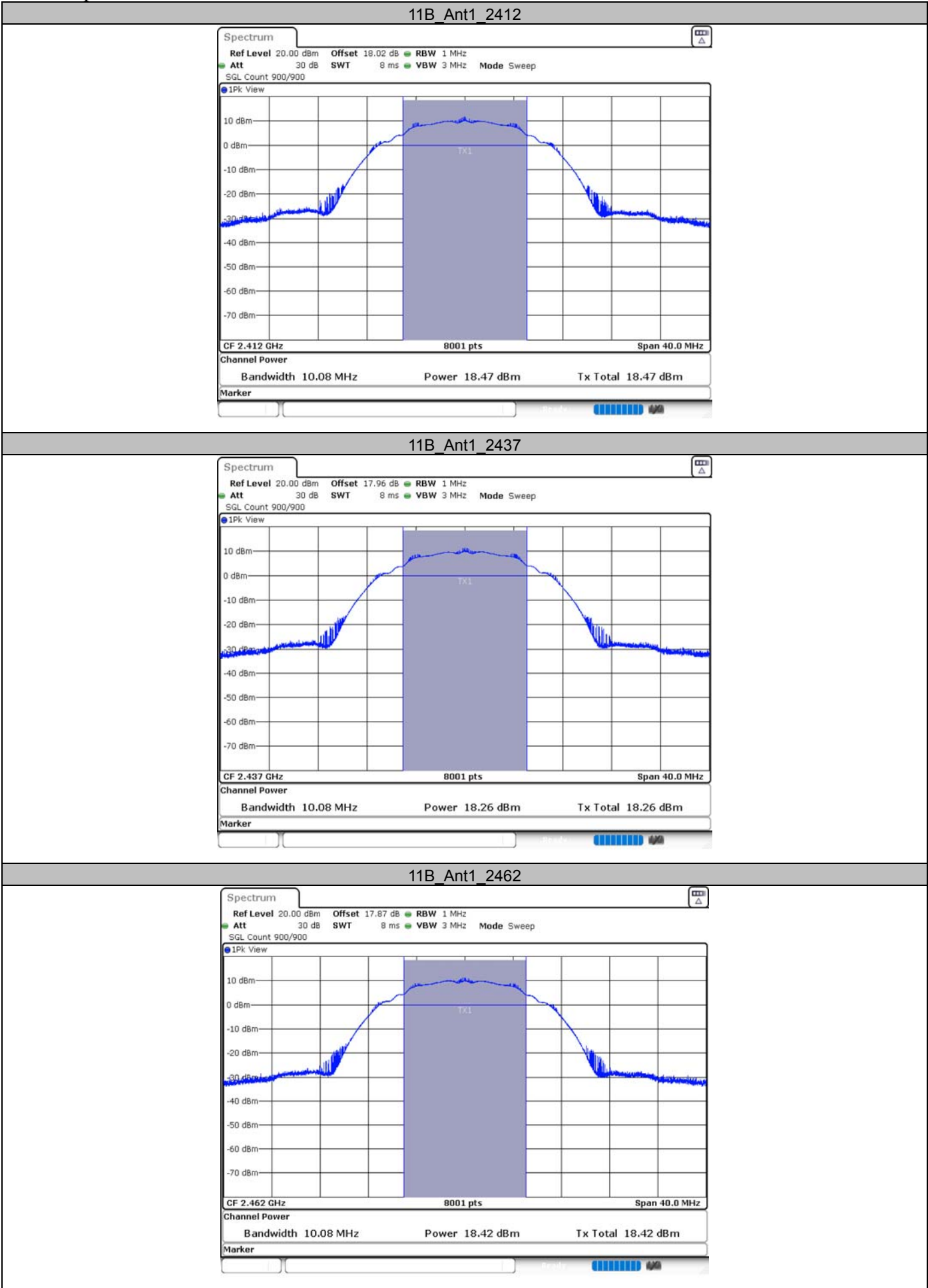
11N40SISO_Ant1_2452

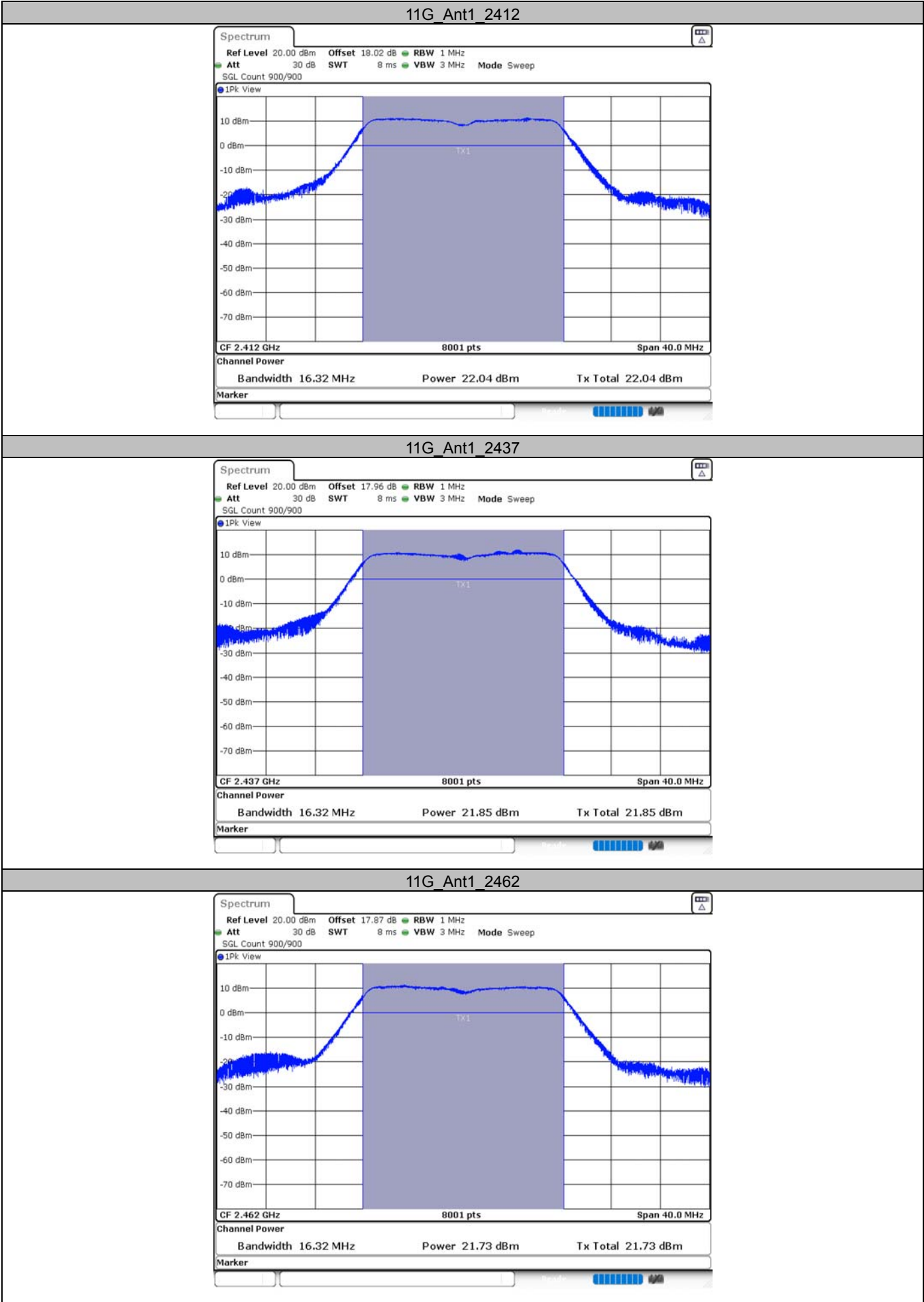


Appendix C: Maximum conducted output power
Test Result Peak

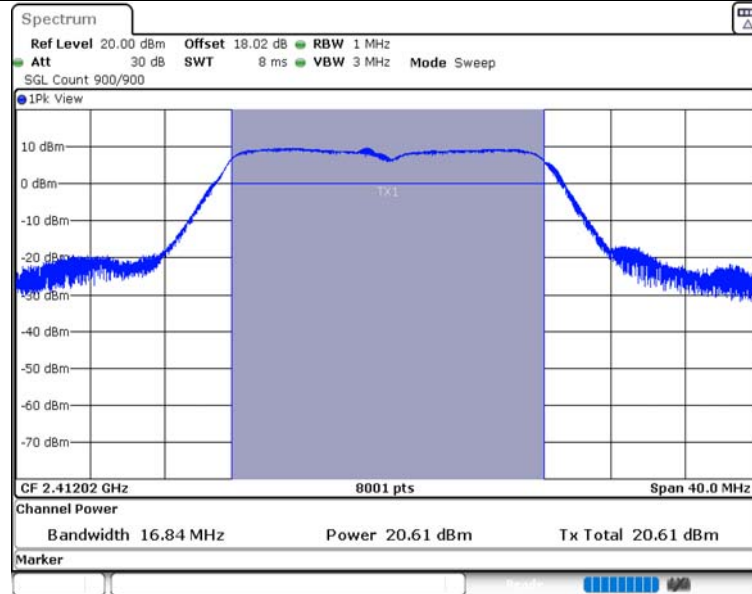
Test Mode	Antenna	Frequency [MHz]	Peak Power[dBm]	Conducted Limit[dBm]	Verdict
11B	Ant1	2412	18.47	≤30.00	PASS
		2437	18.26	≤30.00	PASS
		2462	18.42	≤30.00	PASS
11G	Ant1	2412	22.04	≤30.00	PASS
		2437	21.85	≤30.00	PASS
		2462	21.73	≤30.00	PASS
11N20SISO	Ant1	2412	20.61	≤30.00	PASS
		2437	20.39	≤30.00	PASS
		2462	20.23	≤30.00	PASS
11N40SISO	Ant1	2422	20.83	≤30.00	PASS
		2437	20.79	≤30.00	PASS
		2452	20.71	≤30.00	PASS

Test Graphs Peak

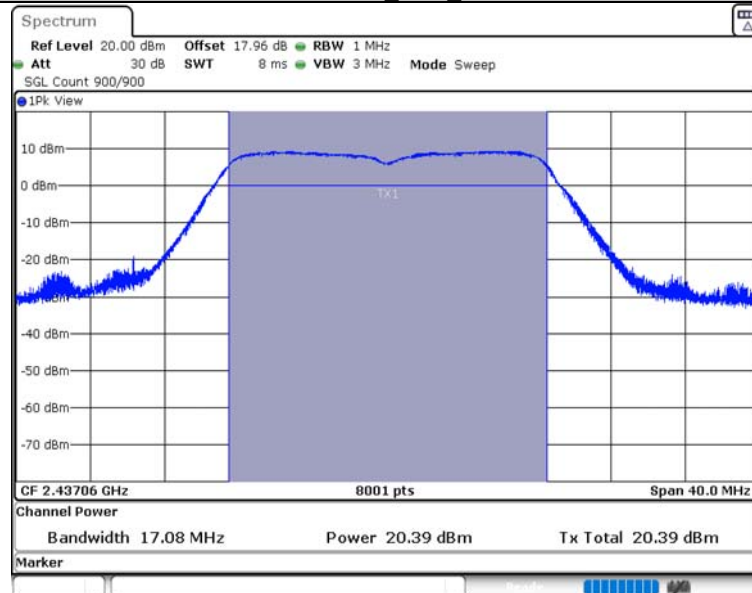




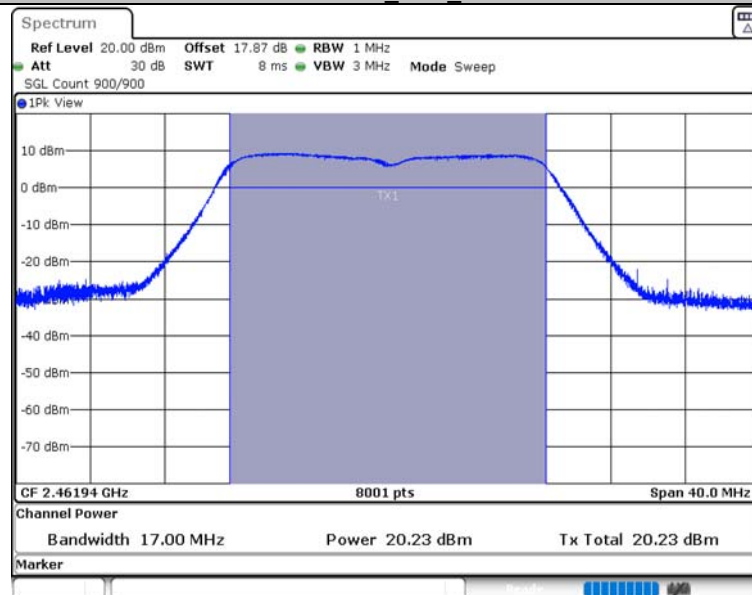
11N20SISO_Ant1_2412

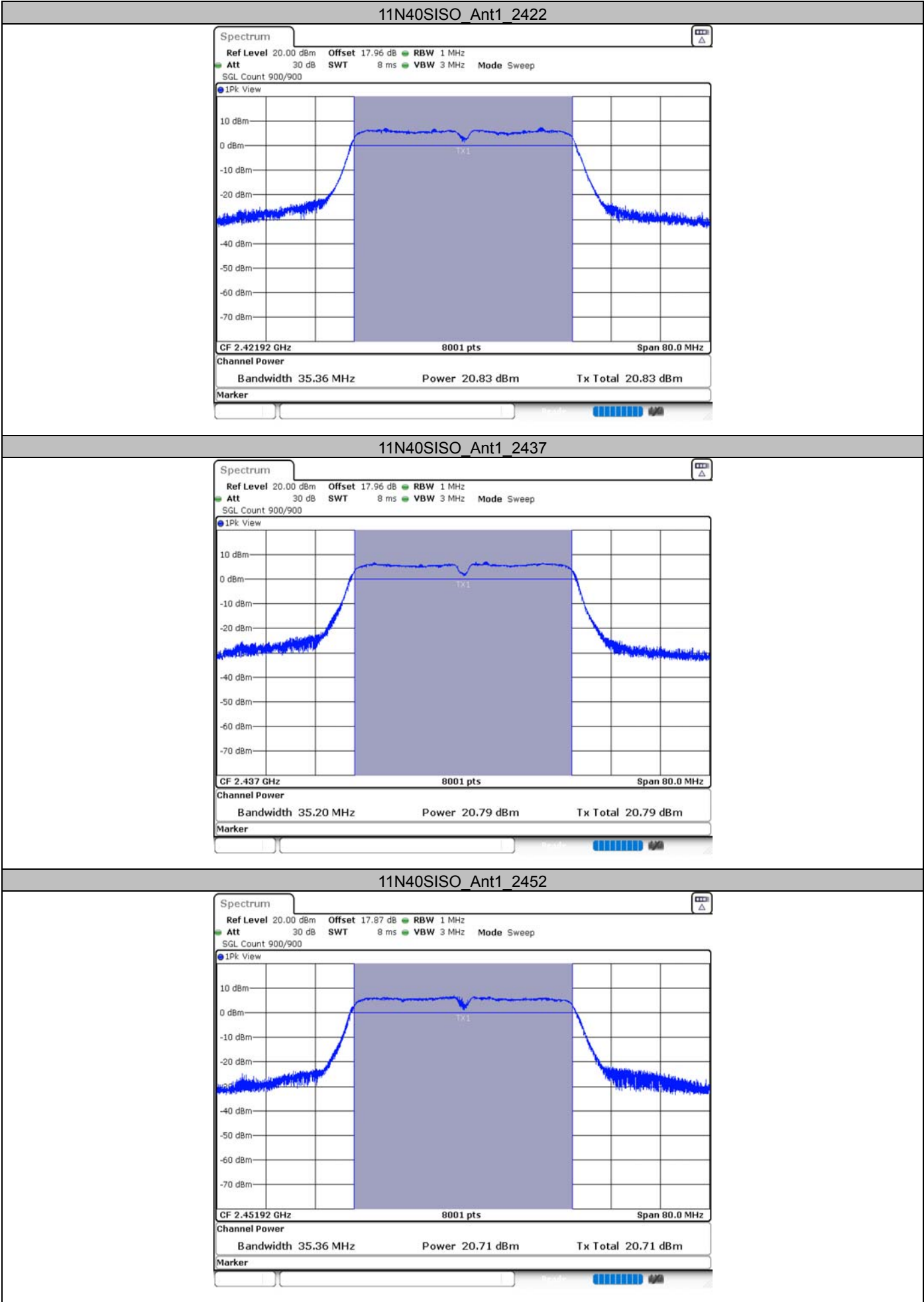


11N20SISO_Ant1_2437



11N20SISO_Ant1_2462

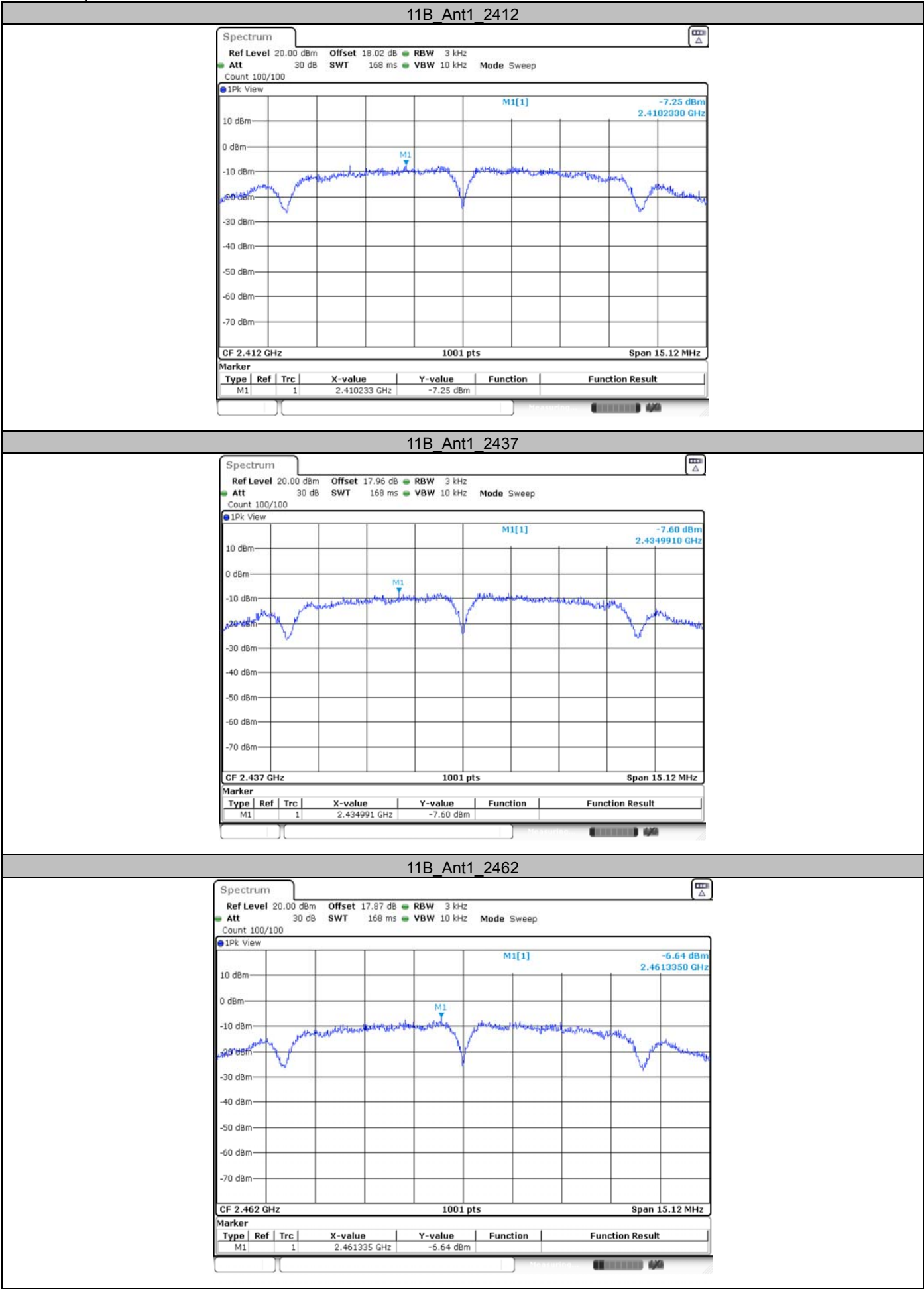


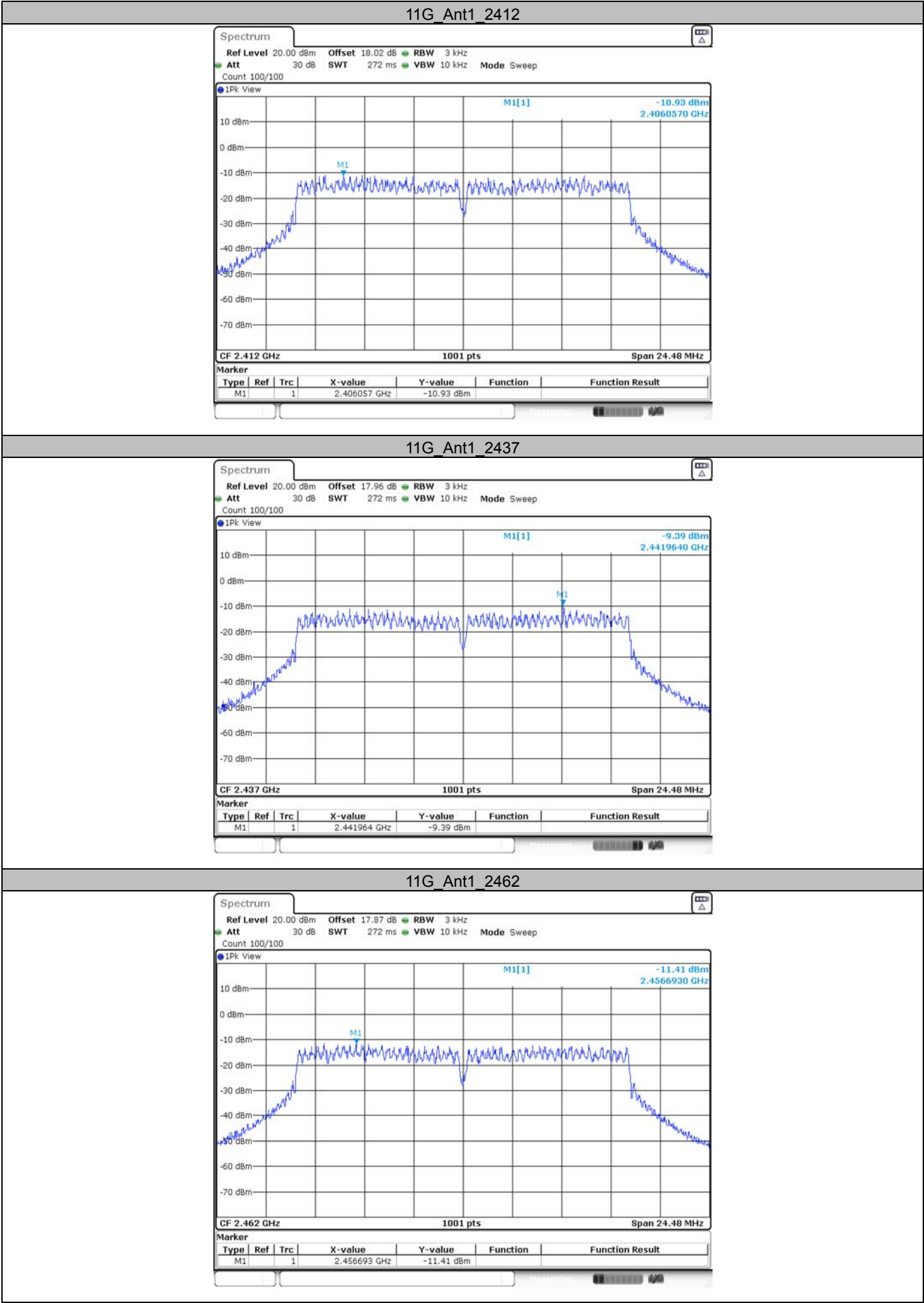


Appendix D: Maximum power spectral density Test Result

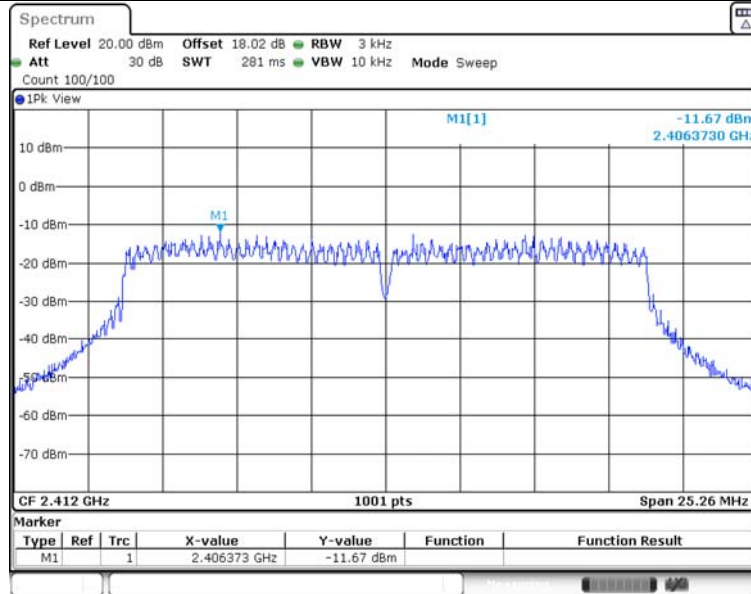
Test Mode	Antenna	Frequency [MHz]	Result [dBm/3-100kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	-7.25	≤8.00	PASS
		2437	-7.60	≤8.00	PASS
		2462	-6.64	≤8.00	PASS
11G	Ant1	2412	-10.93	≤8.00	PASS
		2437	-9.39	≤8.00	PASS
		2462	-11.41	≤8.00	PASS
11N20SISO	Ant1	2412	-11.67	≤8.00	PASS
		2437	-12.40	≤8.00	PASS
		2462	-12.16	≤8.00	PASS
11N40SISO	Ant1	2422	-15.08	≤8.00	PASS
		2437	-14.98	≤8.00	PASS
		2452	-15.20	≤8.00	PASS

Test Graphs

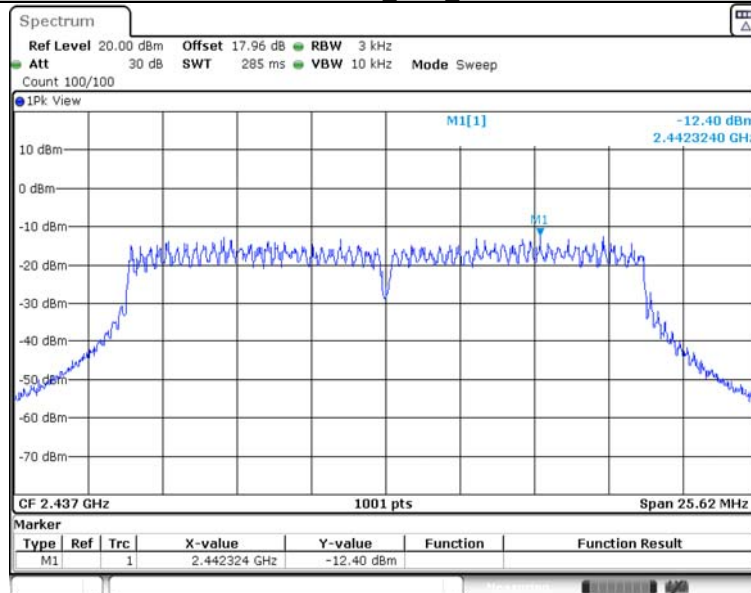




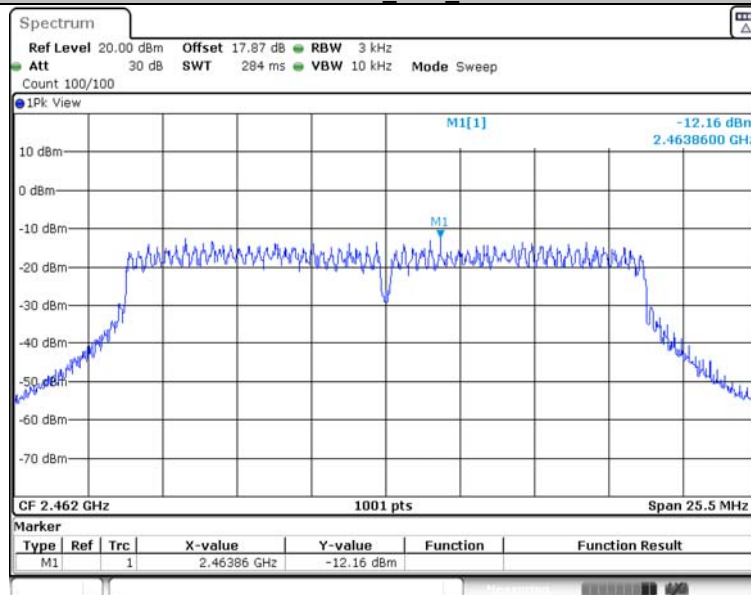
11N20SISO_Ant1_2412



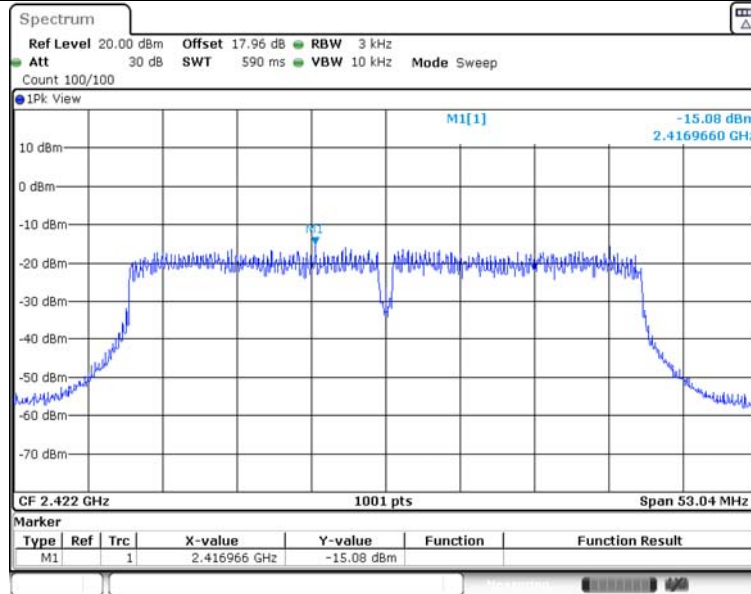
11N20SISO_Ant1_2437



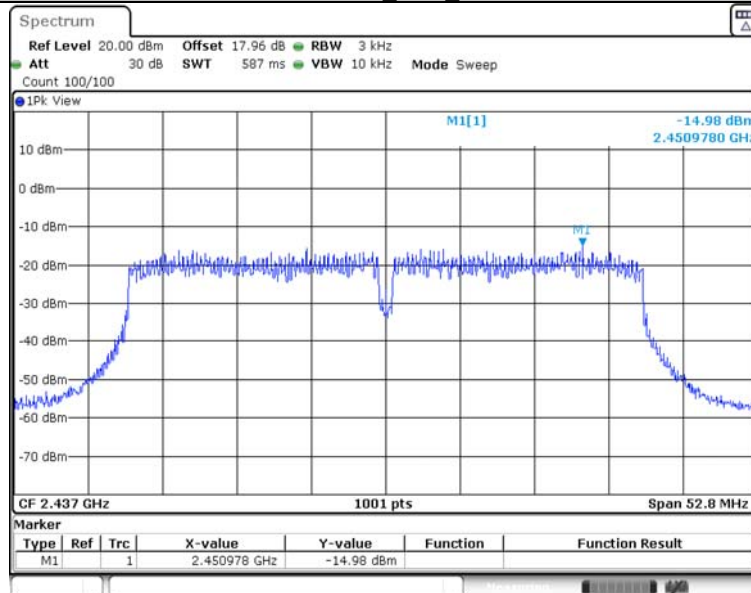
11N20SISO_Ant1_2462



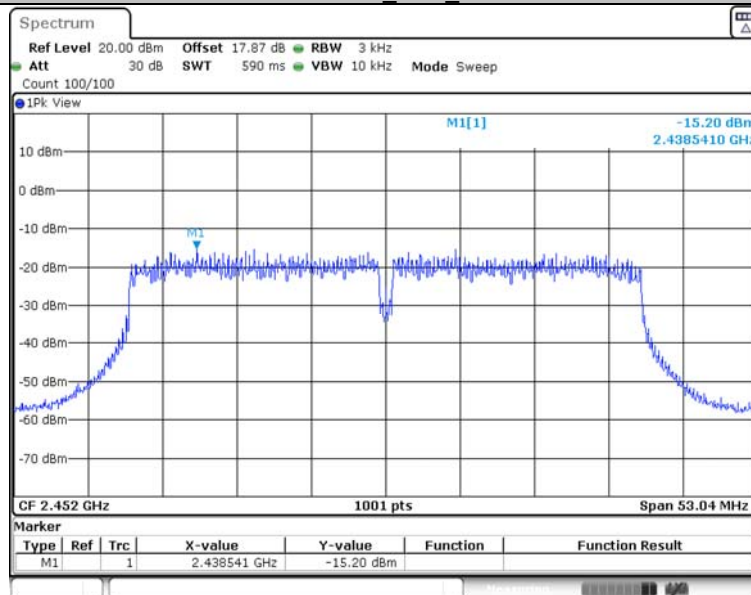
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



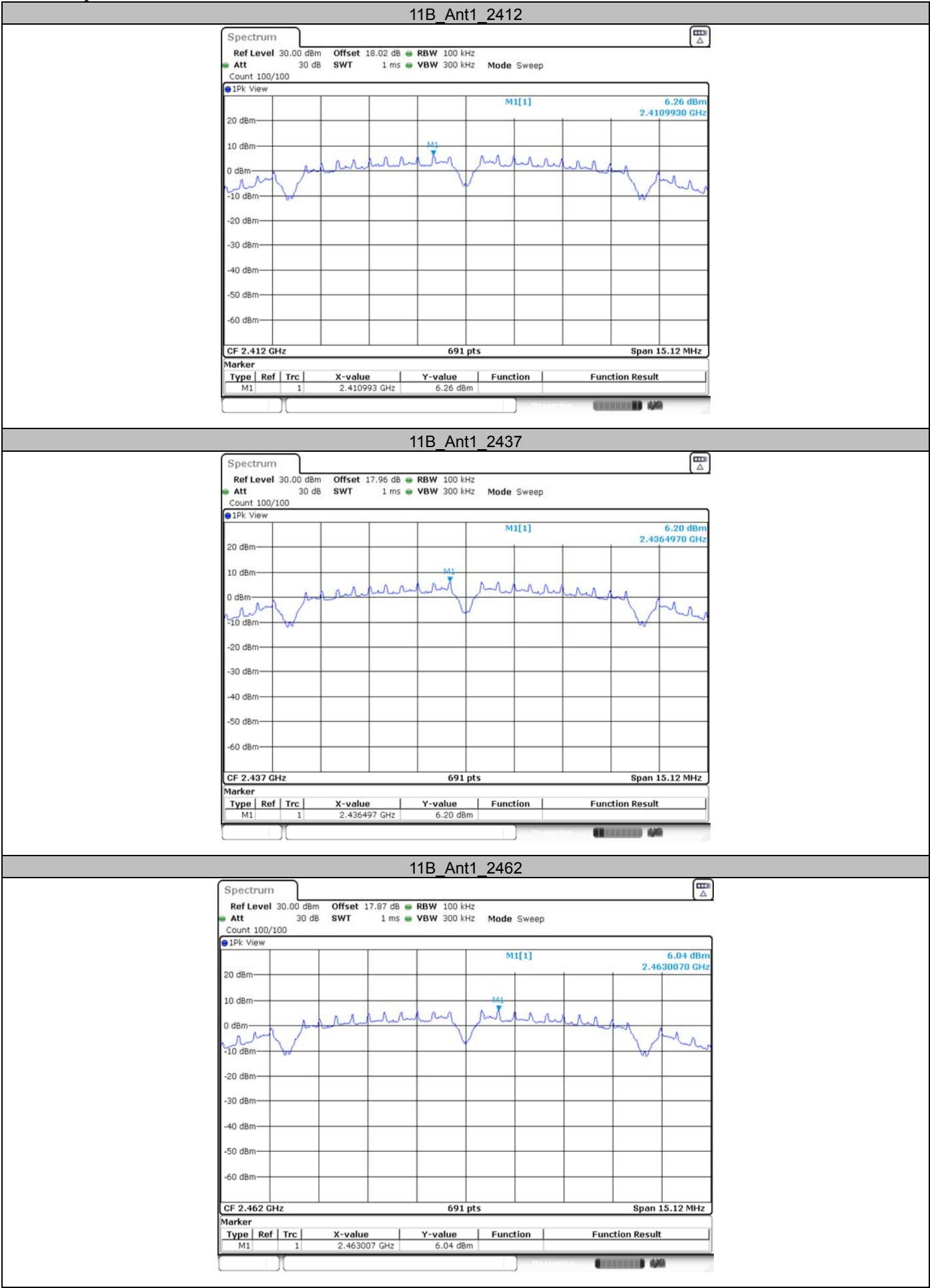
11N40SISO_Ant1_2452

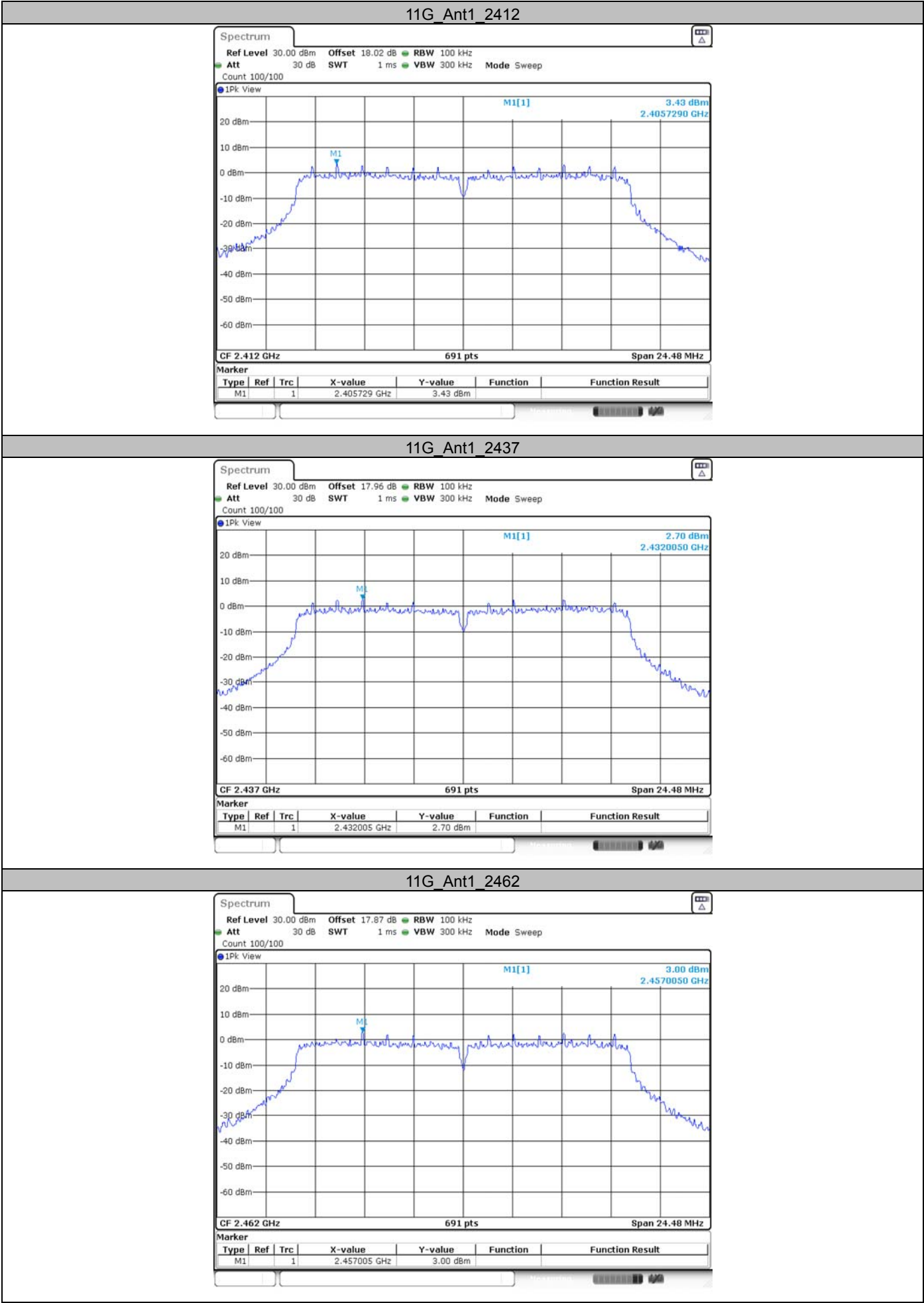


Appendix E: Reference level measurement Test Result

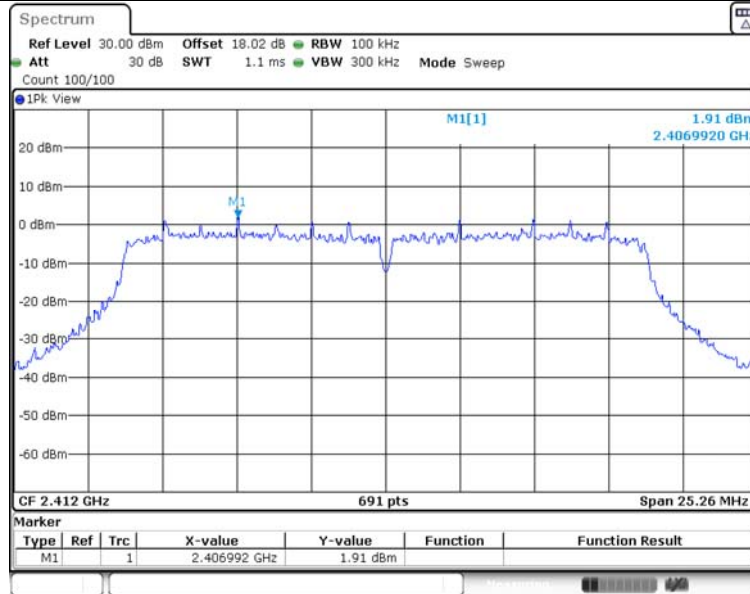
Test Mode	Antenna	Freq (MHz)	Max.Point [MHz]	Result [dBm]
11B	Ant1	2412	2410.99	6.26
		2437	2436.50	6.20
		2462	2463.01	6.04
11G	Ant1	2412	2405.73	3.43
		2437	2432.01	2.70
		2462	2457.01	3.00
11N20SISO	Ant1	2412	2406.99	1.91
		2437	2442.01	1.62
		2462	2455.76	1.57
11N40SISO	Ant1	2422	2407.03	-1.00
		2437	2451.98	-1.08
		2452	2449.54	-0.93

Test Graphs

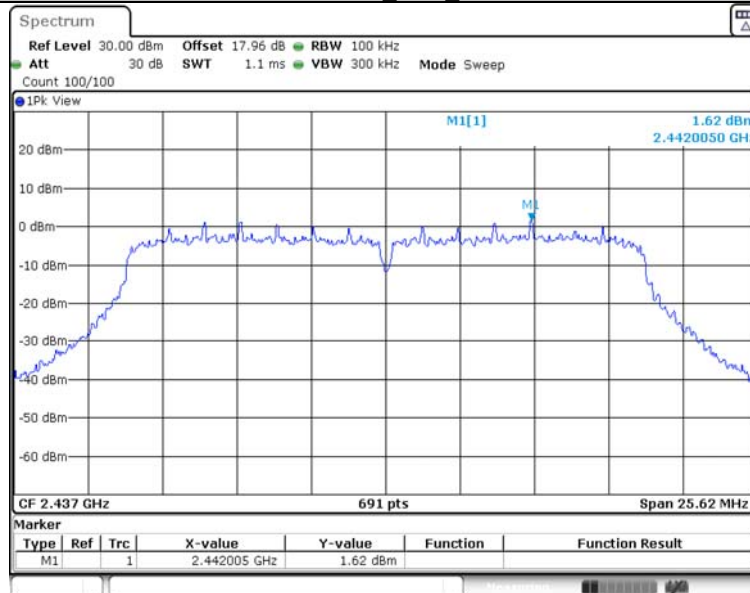




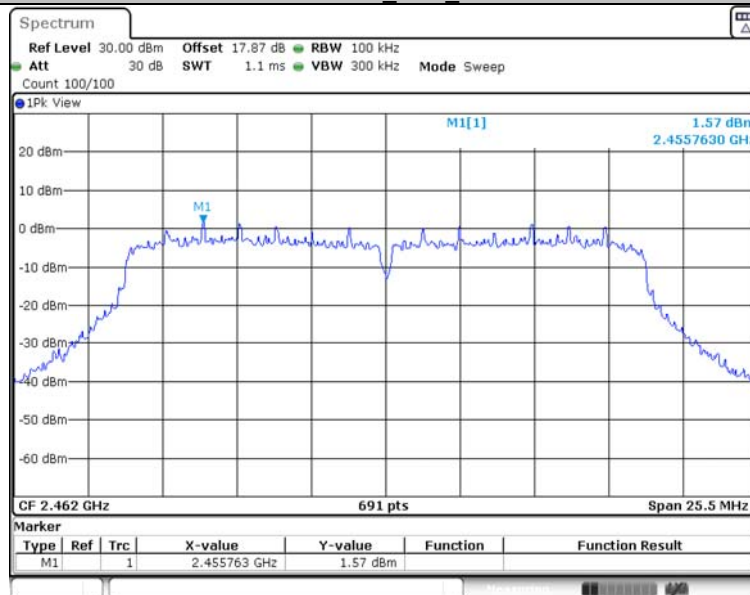
11N20SISO_Ant1_2412

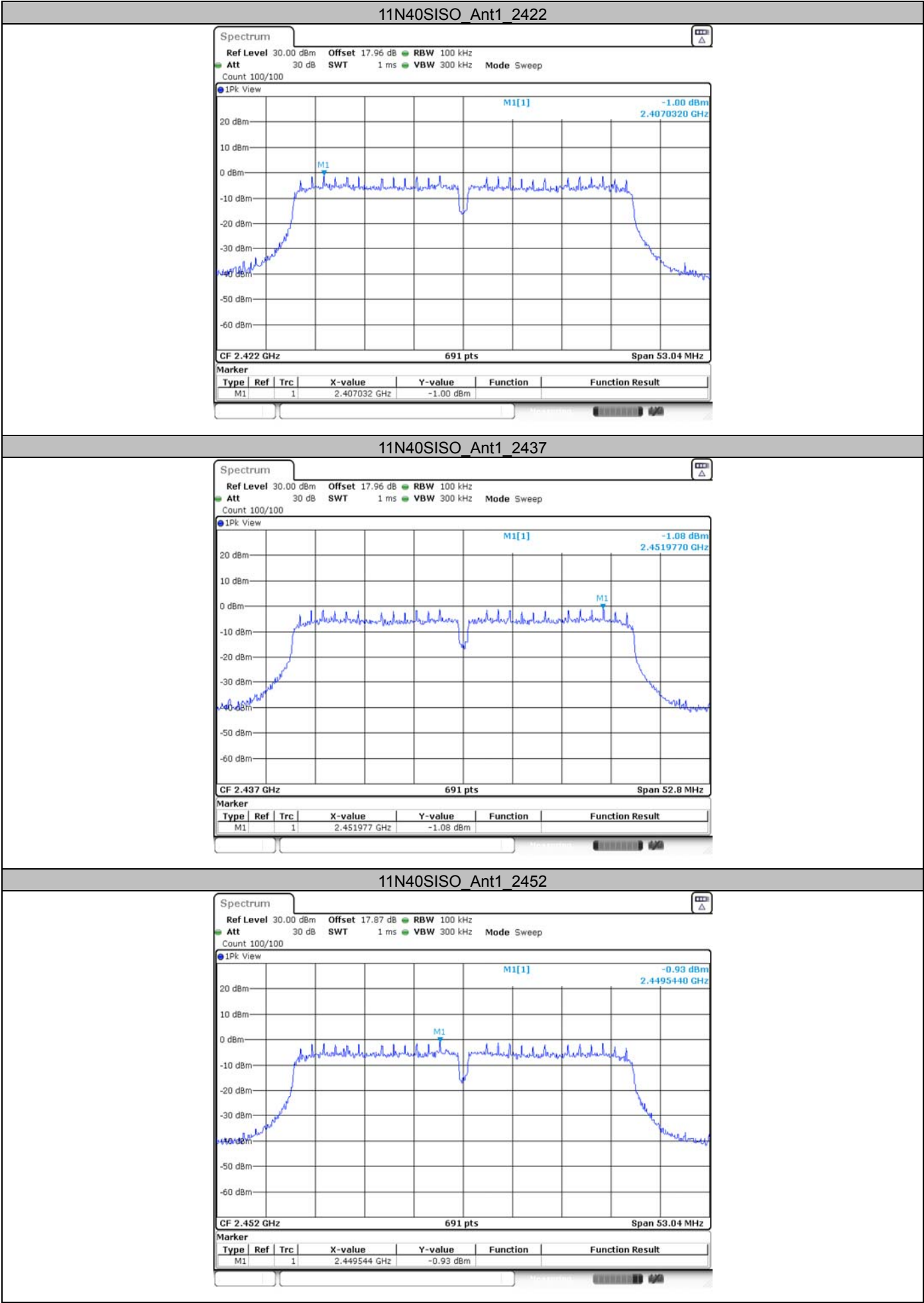


11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



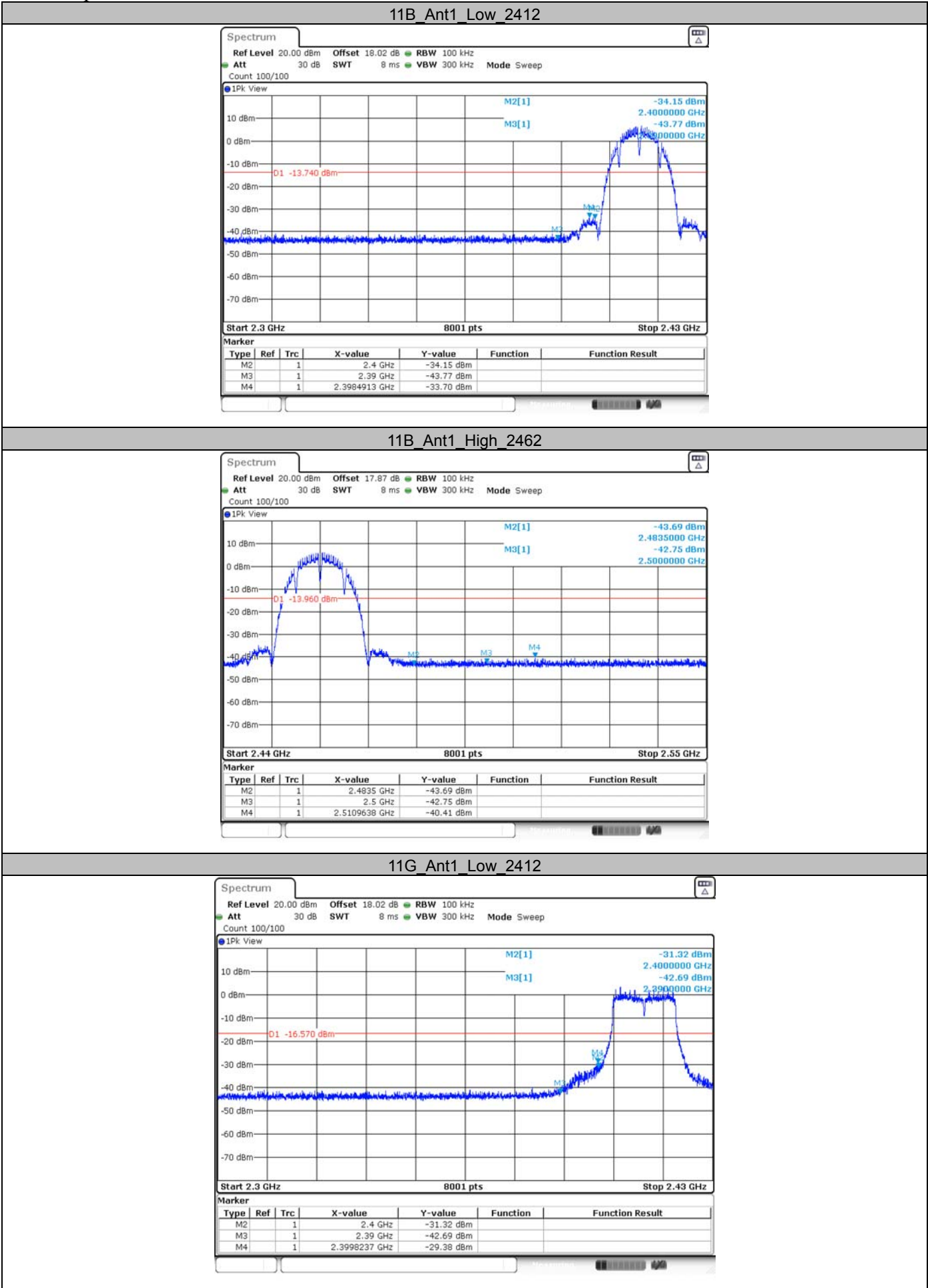


Appendix F: Band edge measurements

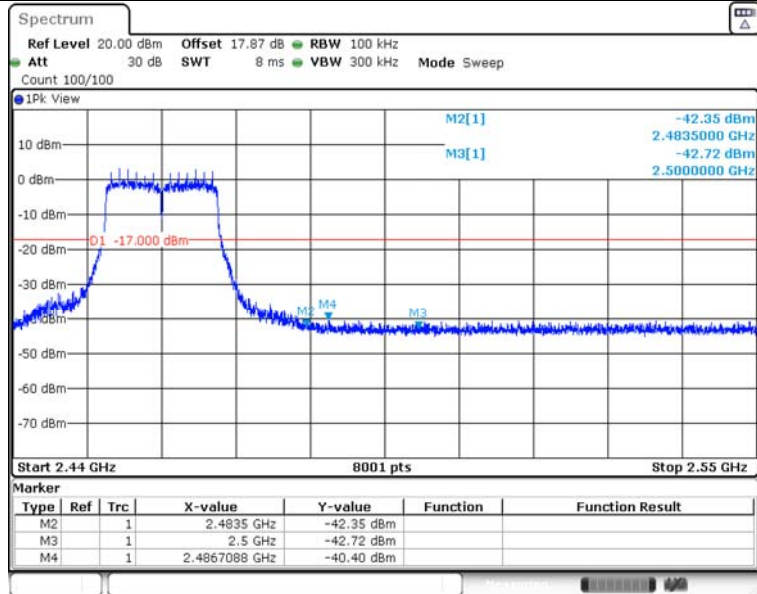
Test Result

Test Mode	Antenna	Ch Name	Frequency [MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	Low	2412	6.26	-33.7	≤ -13.74	PASS
		High	2462	6.04	-40.41	≤ -13.96	PASS
11G	Ant1	Low	2412	3.43	-29.38	≤ -16.57	PASS
		High	2462	3.00	-40.4	≤ -17	PASS
11N20SISO	Ant1	Low	2412	1.91	-34.33	≤ -18.09	PASS
		High	2462	1.57	-40.26	≤ -18.43	PASS
11N40SISO	Ant1	Low	2422	-1.00	-34.93	≤ -21	PASS
		High	2452	-0.93	-39.48	≤ -20.93	PASS

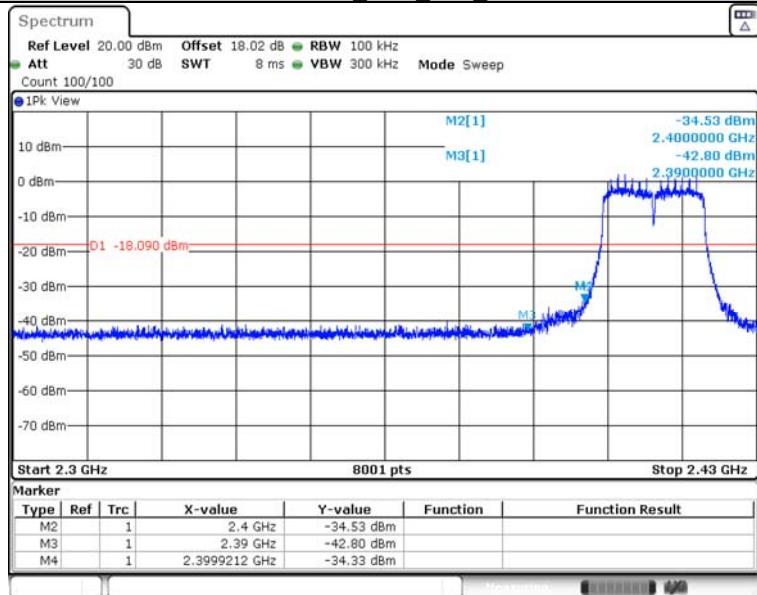
Test Graphs



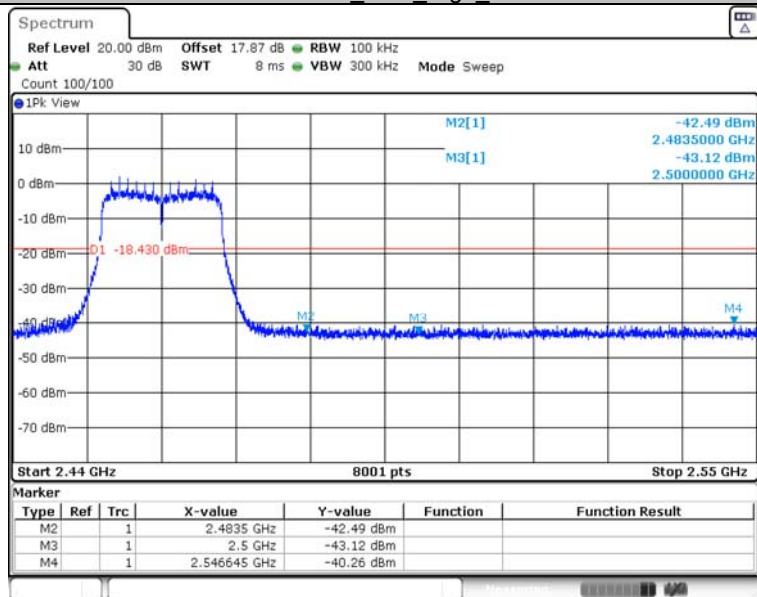
11G_Ant1_High_2462

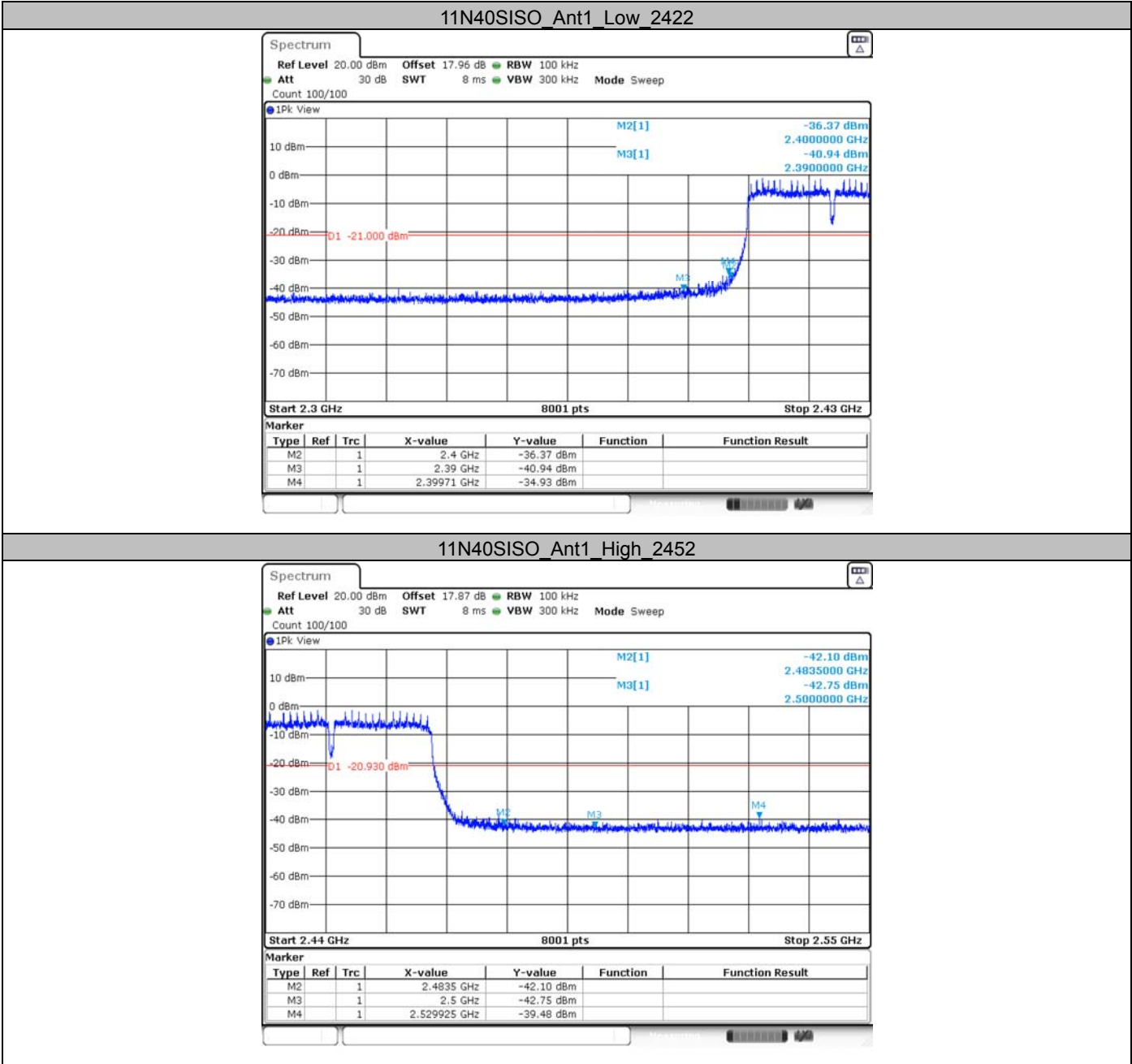


11N20SISO_Ant1_Low_2412



11N20SISO_Ant1_High_2462



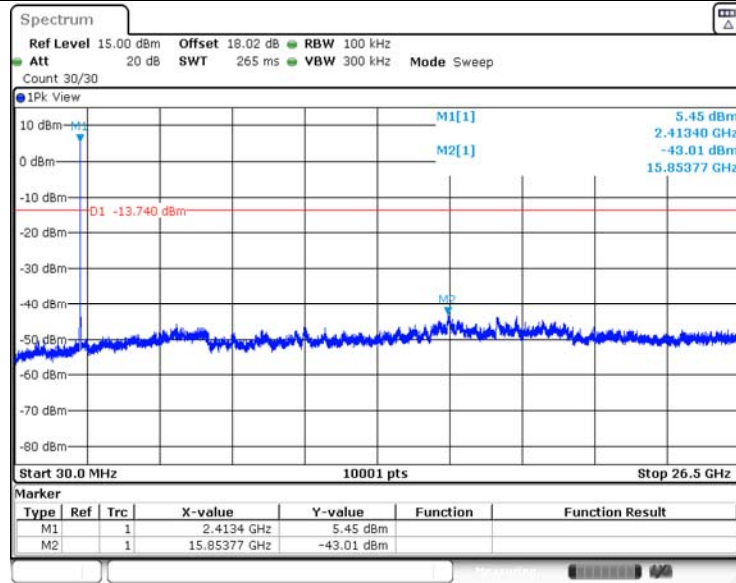


Appendix G: Conducted Spurious Emission Test Result

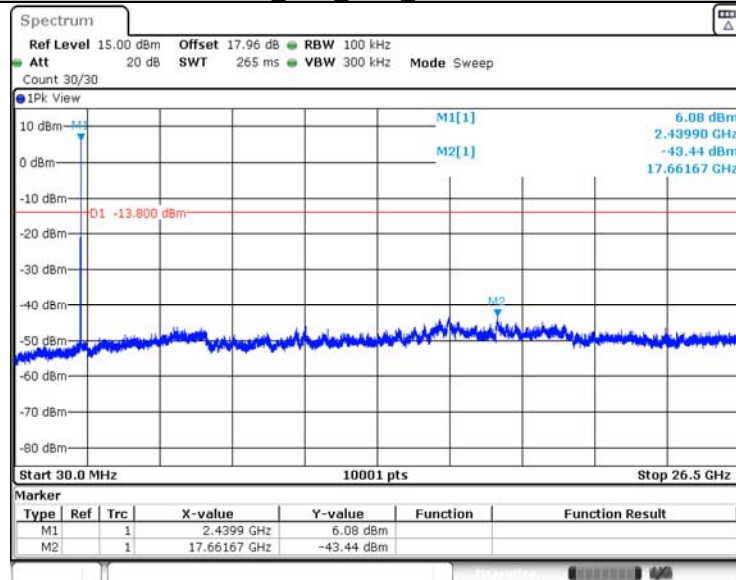
Test Mode	Antenna	Frequency [MHz]	Freq Range [Mhz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	30~26500	6.26	-43.01	≤ -13.74	PASS
		2437	30~26500	6.20	-43.44	≤ -13.8	PASS
		2462	30~26500	6.04	-43.15	≤ -13.96	PASS
11G	Ant1	2412	30~26500	3.43	-43.09	≤ -16.57	PASS
		2437	30~26500	2.70	-42.88	≤ -17.3	PASS
		2462	30~26500	3.00	-42.89	≤ -17	PASS
11N20SISO	Ant1	2412	30~26500	1.91	-42.54	≤ -18.09	PASS
		2437	30~26500	1.62	-43.47	≤ -18.38	PASS
		2462	30~26500	1.57	-43.1	≤ -18.43	PASS
11N40SISO	Ant1	2422	30~26500	-1.00	-42.74	≤ -21	PASS
		2437	30~26500	-1.08	-42.13	≤ -21.08	PASS
		2452	30~26500	-0.93	-42.26	≤ -20.93	PASS

Test Graphs

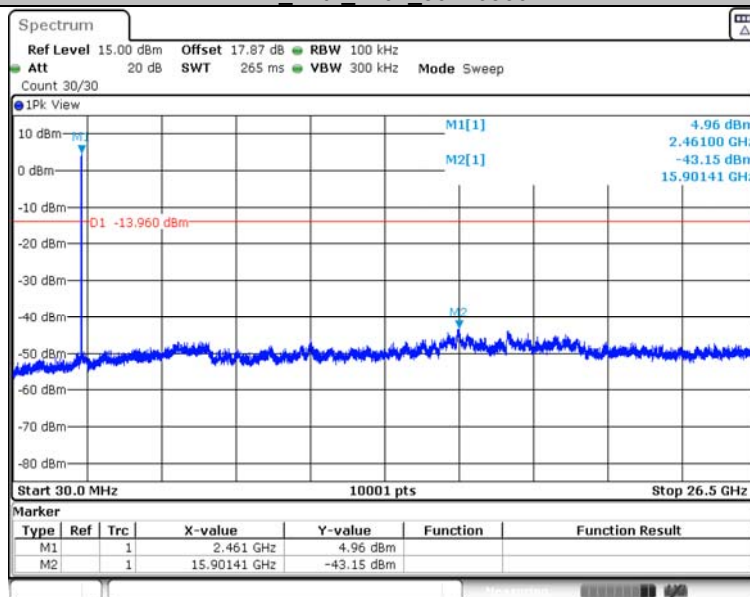
11B_Ant1_2412_30~26500



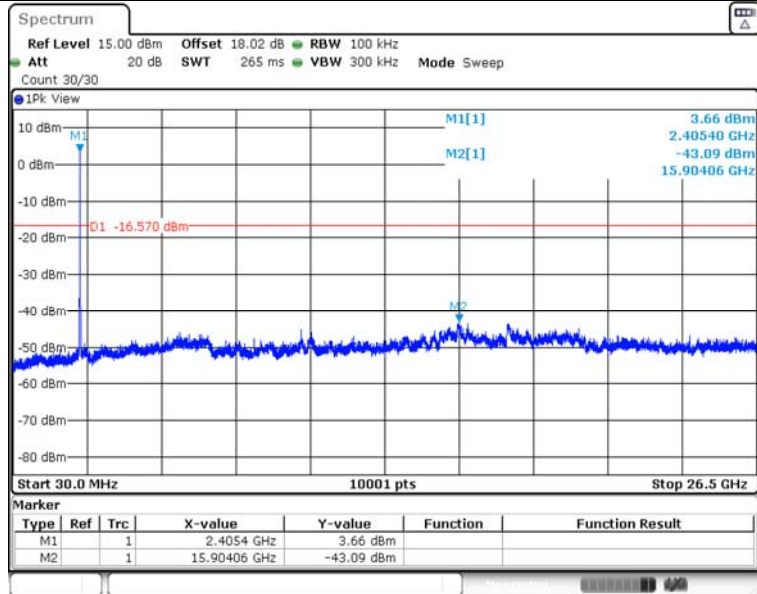
11B_Ant1_2437_30~26500



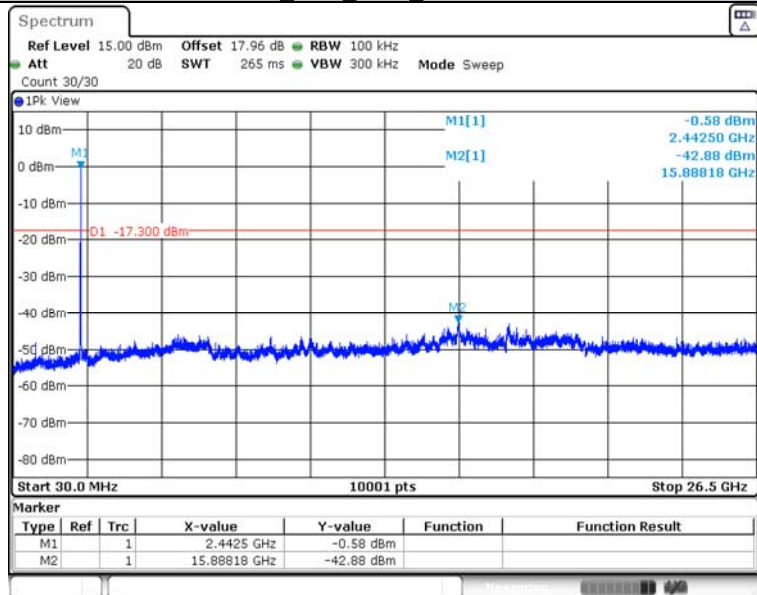
11B_Ant1_2462_30~26500



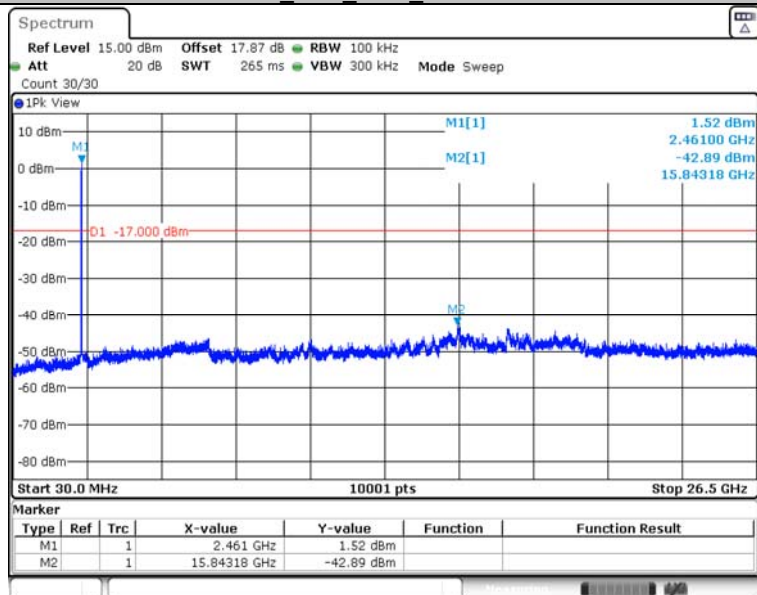
11G_Ant1_2412_30~26500

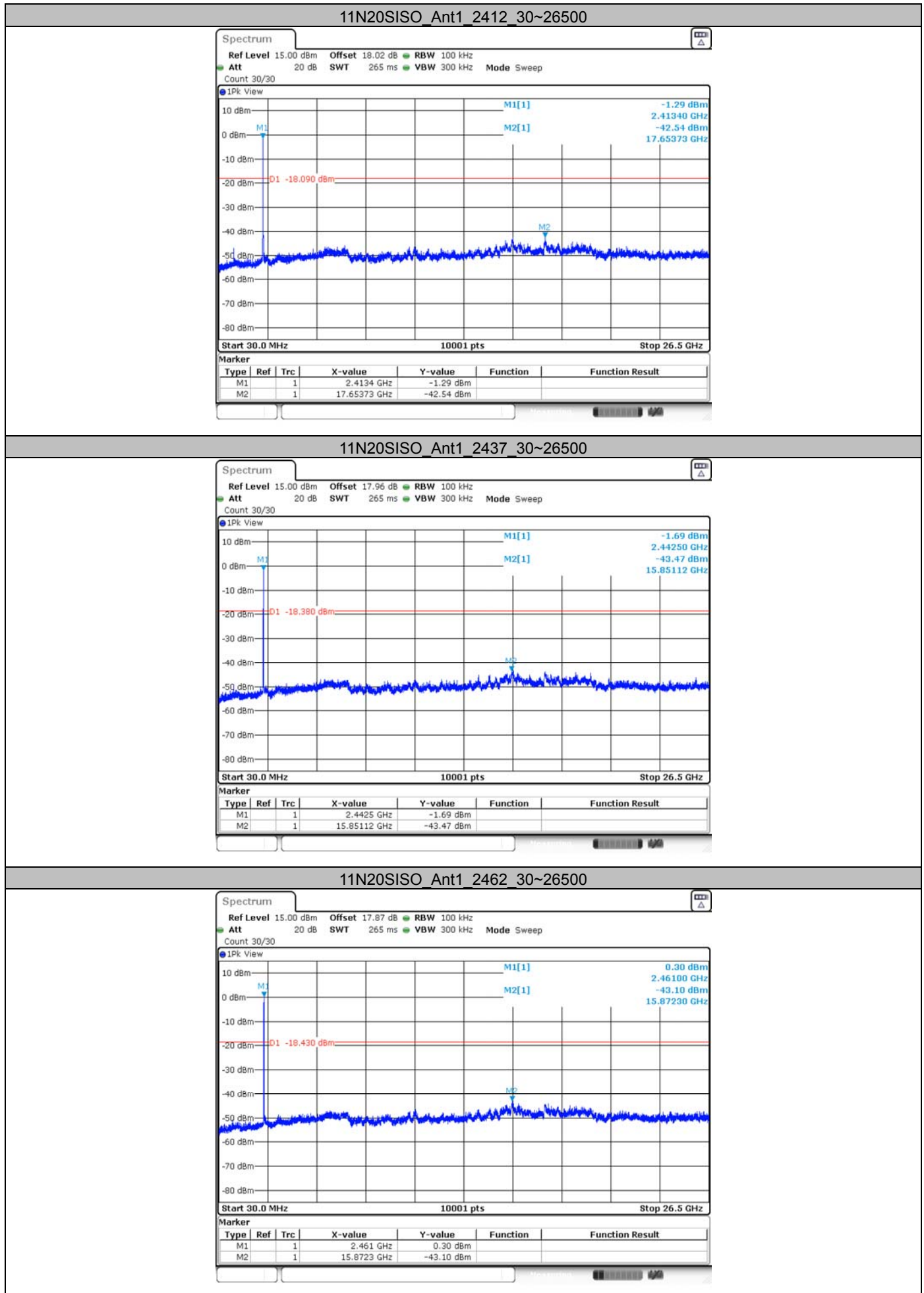


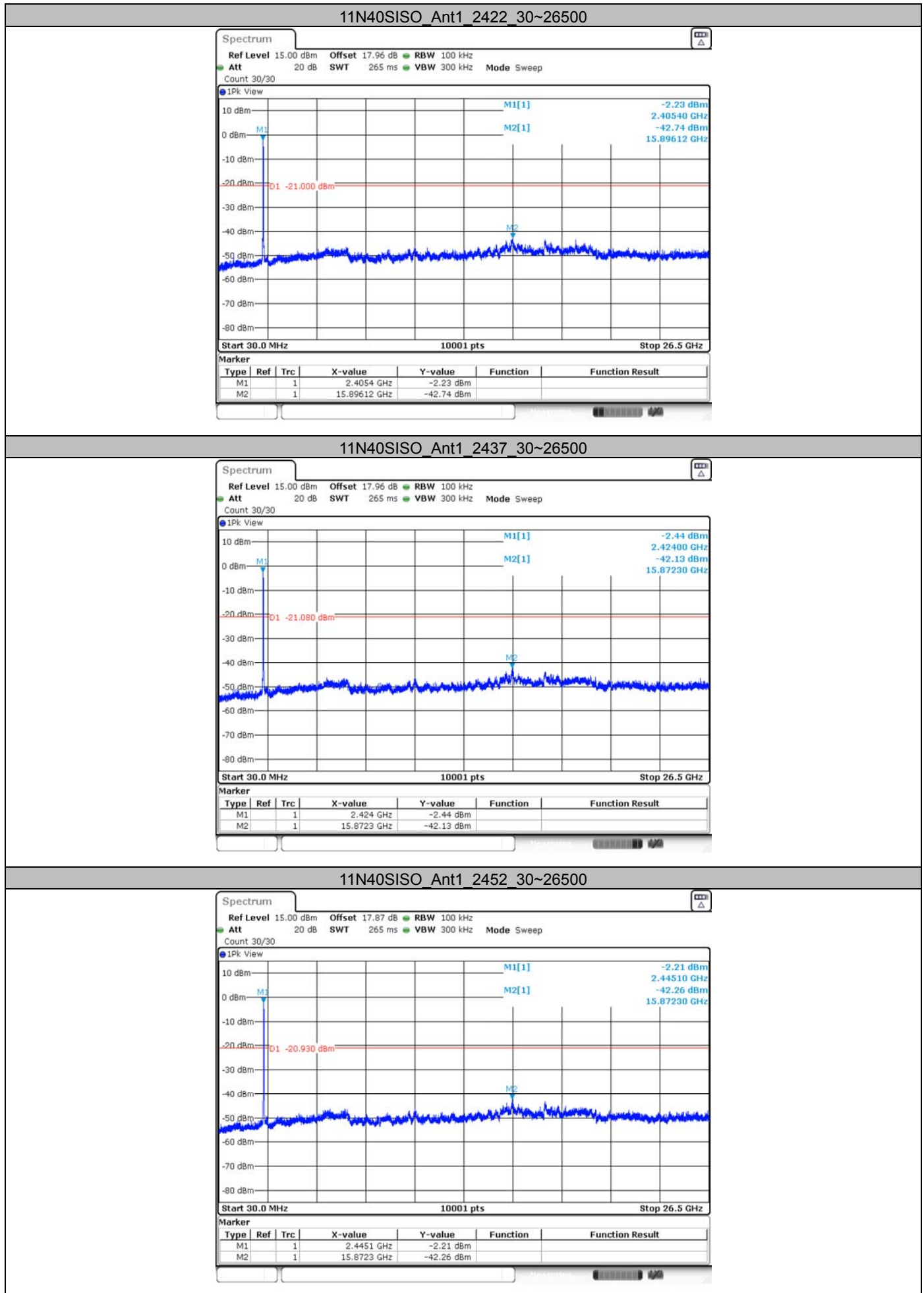
11G_Ant1_2437_30~26500



11G_Ant1_2462_30~26500

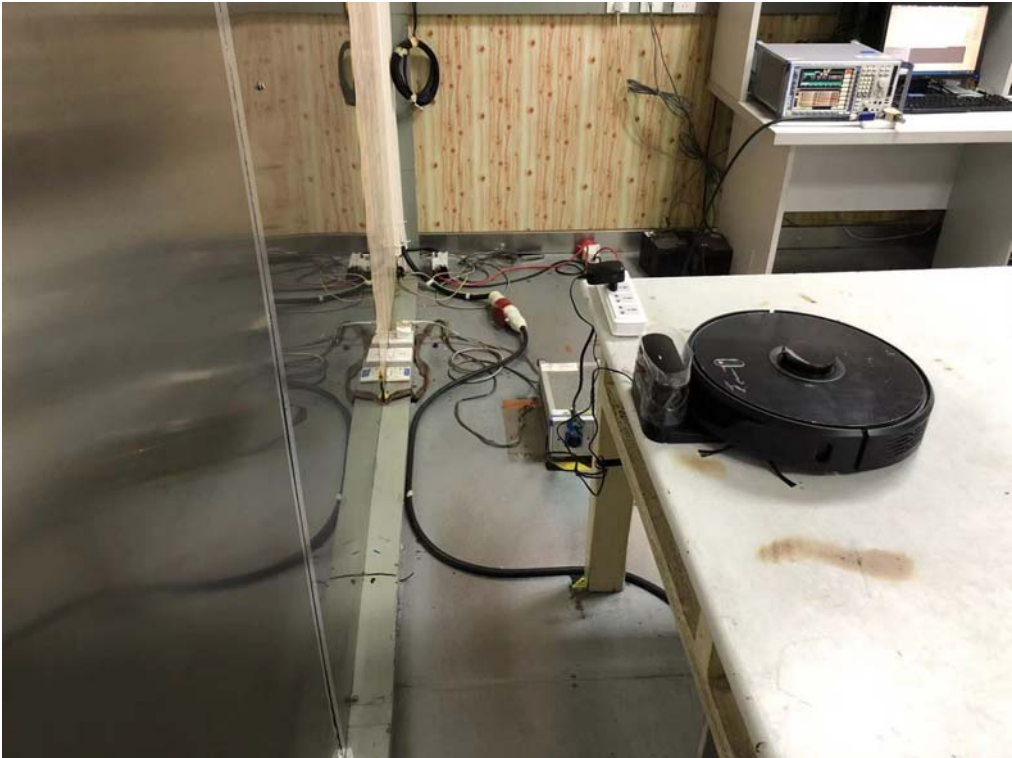
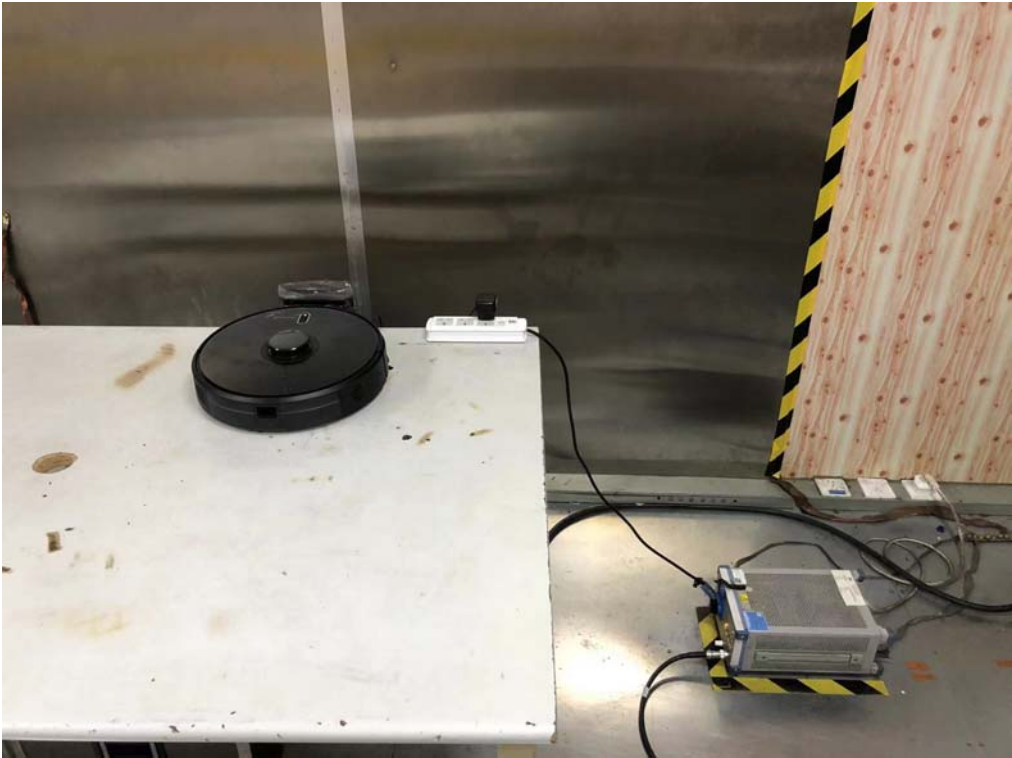




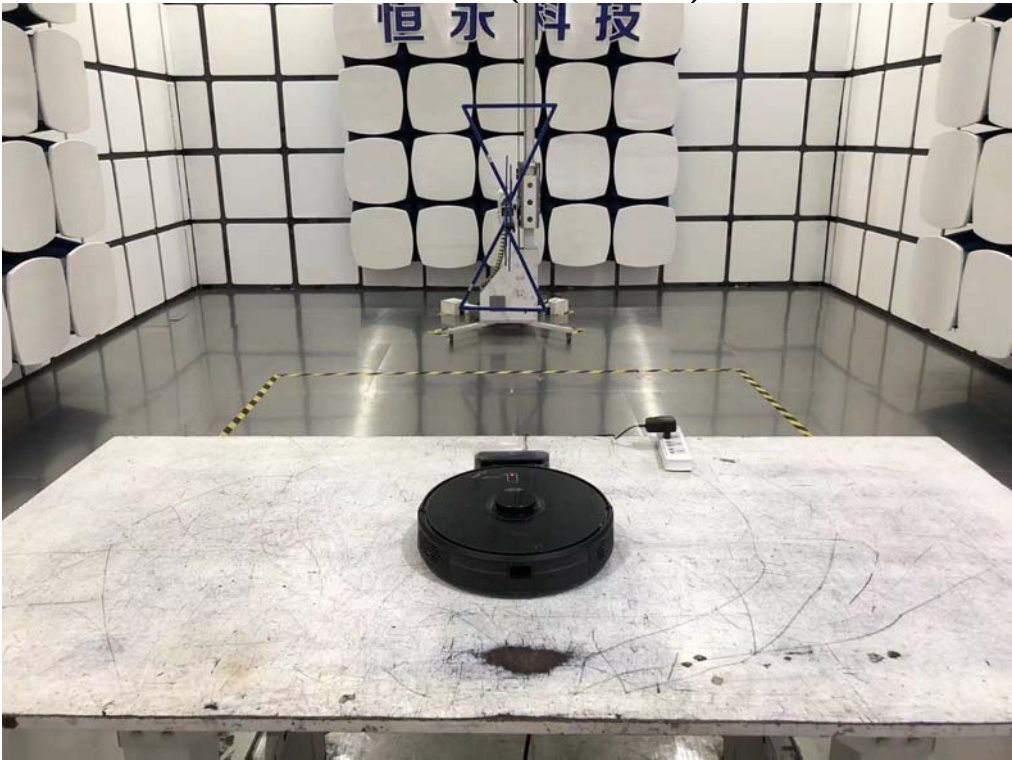


12. TEST SETUP PHOTO

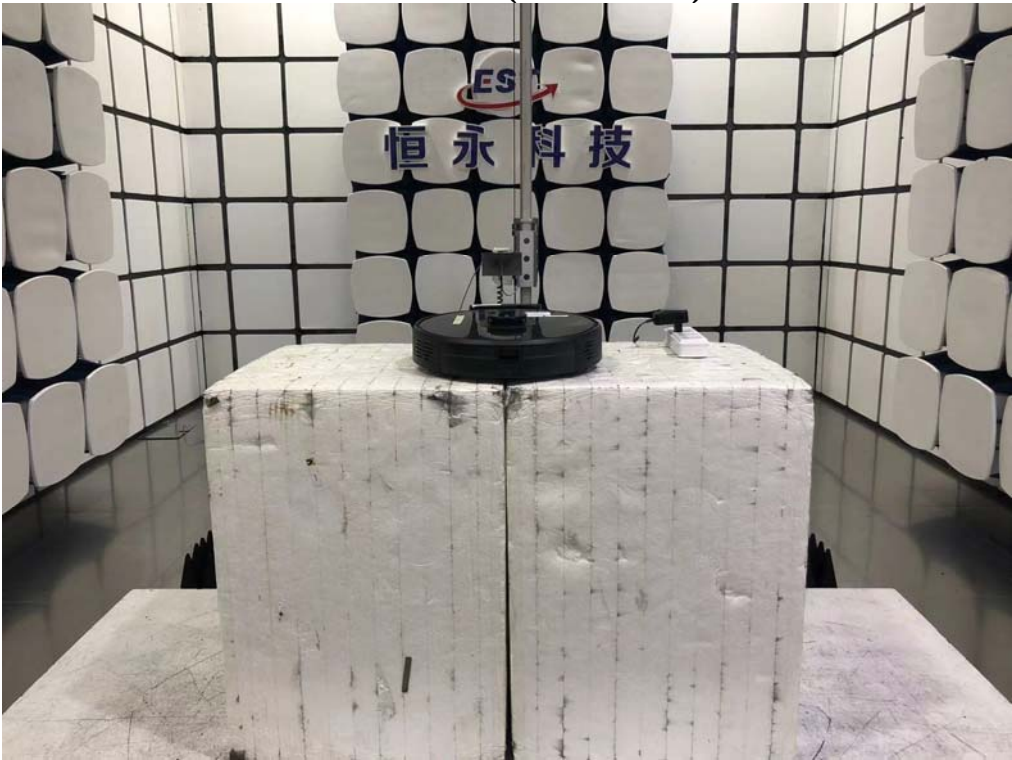
Conducted Test



Radiated Test (Below 1GHz)

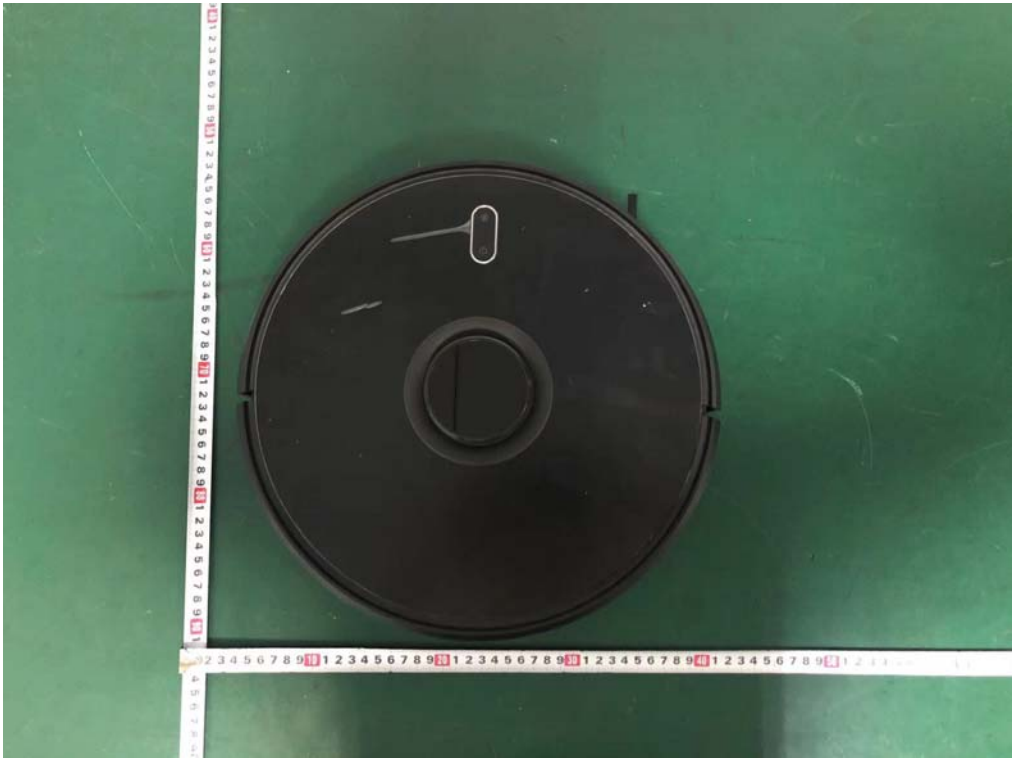


Radiated Test (Above 1GHz)



13. EUT PHOTO

External Photos
M/N: T900



External Photos
M/N: T900



External Photos
M/N: T900



External Photos
M/N: T900



External Photos

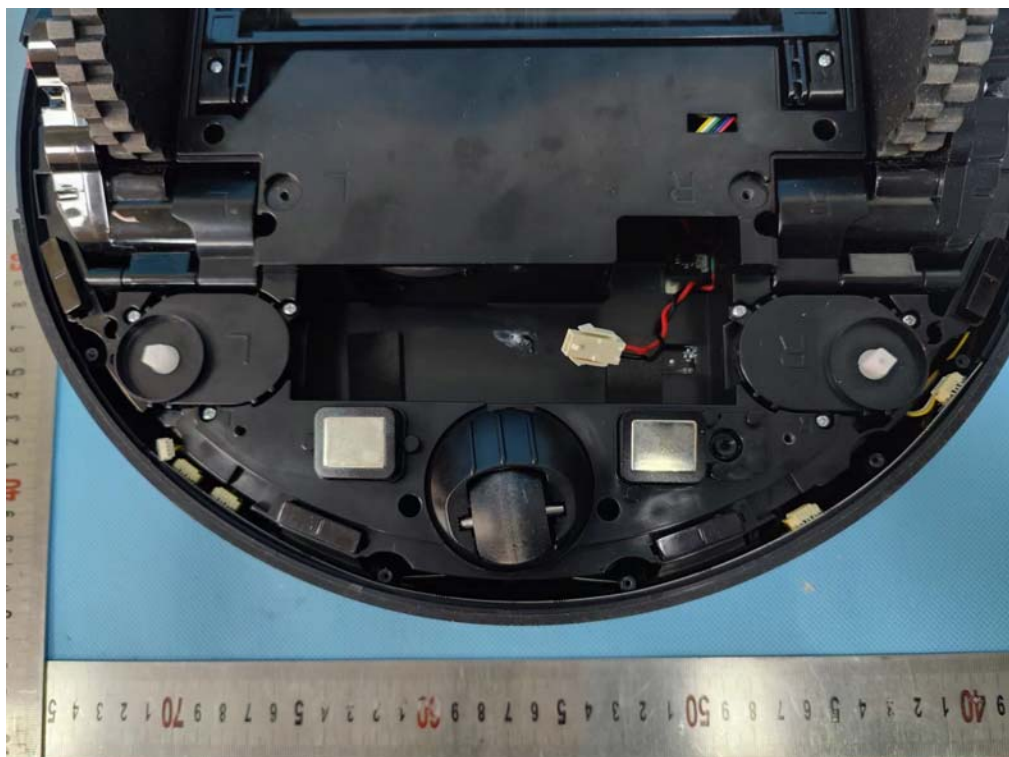
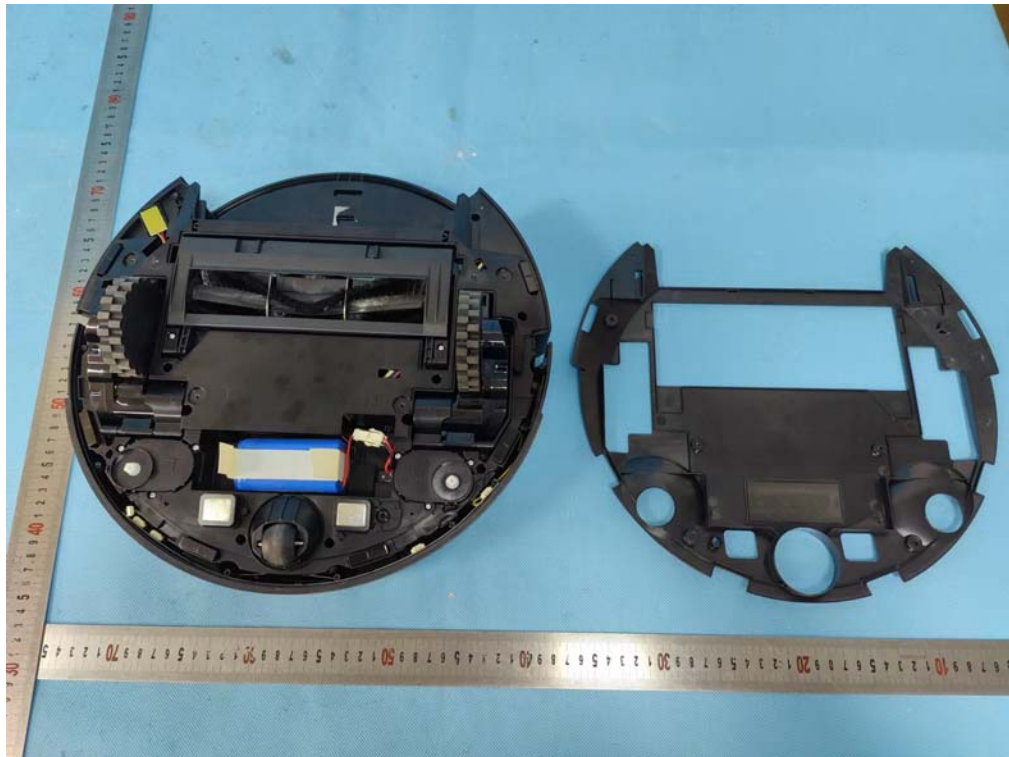
M/N: T900



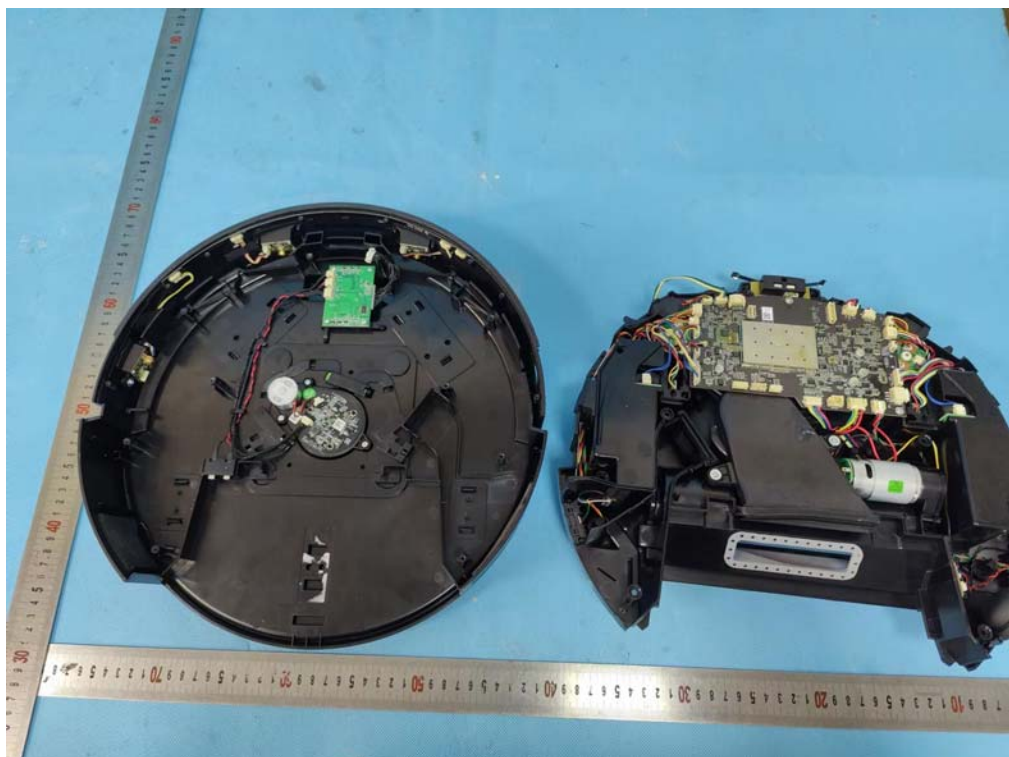
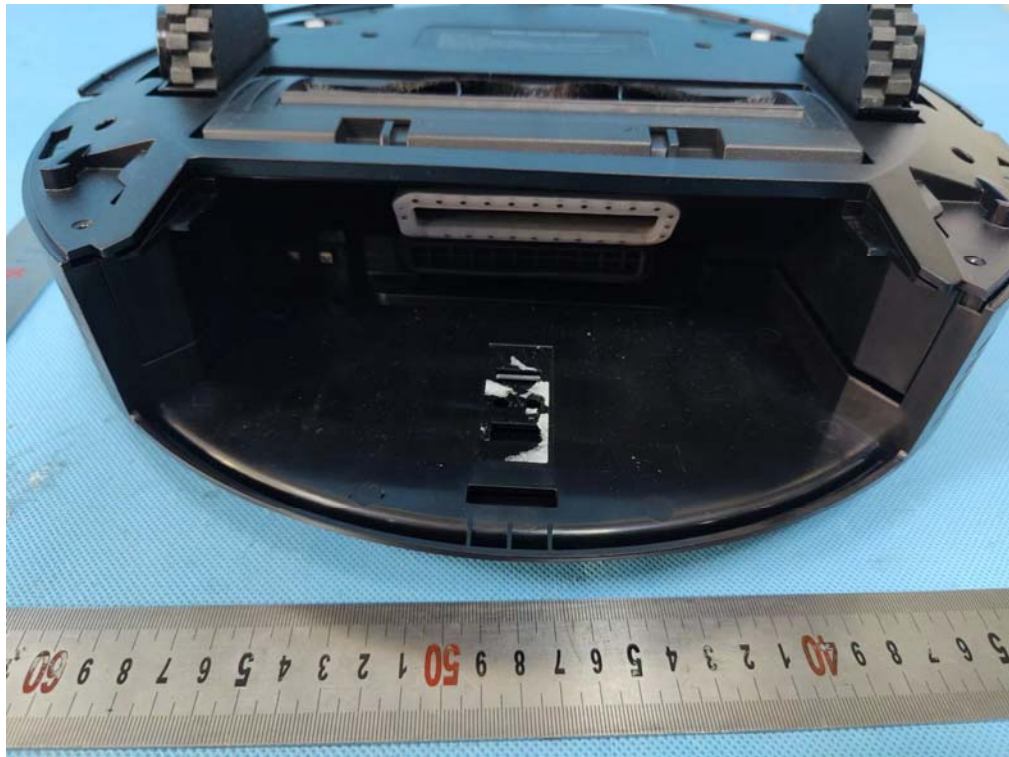
External Photos
M/N: T900



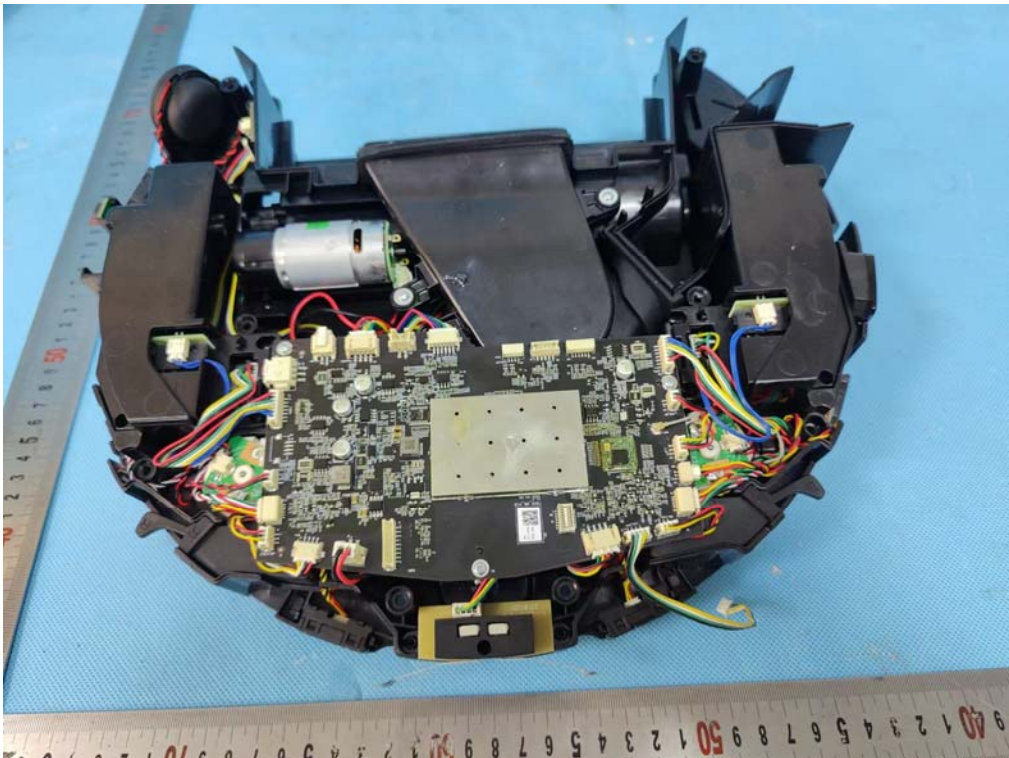
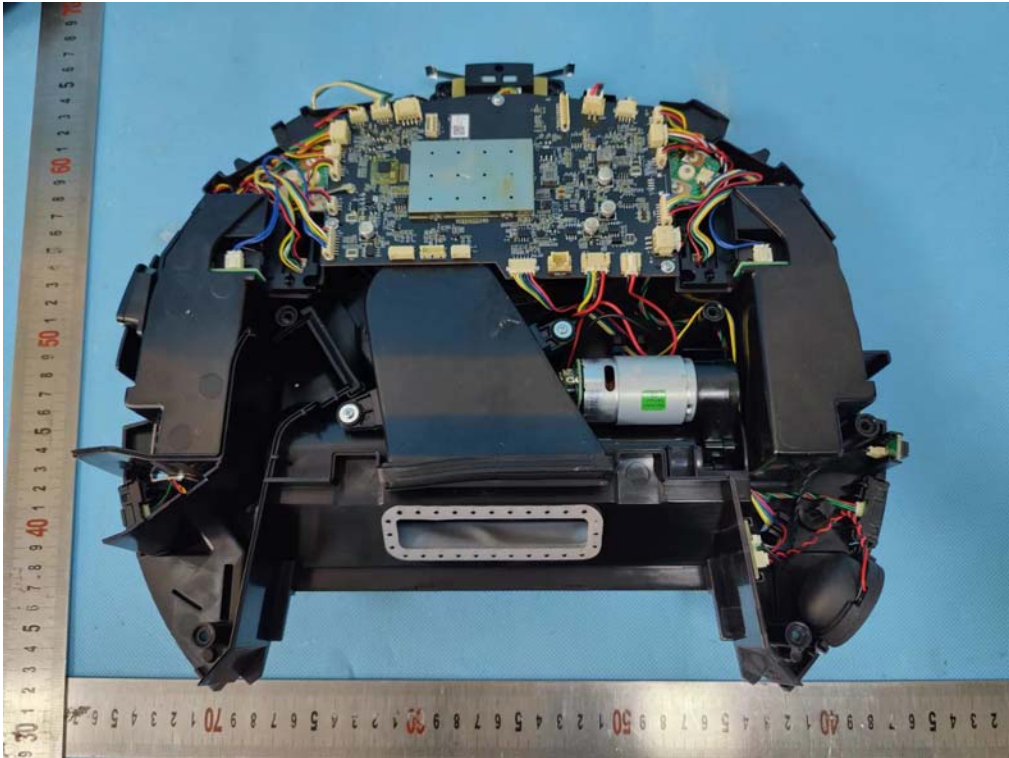
Internal Photos
M/N: T900



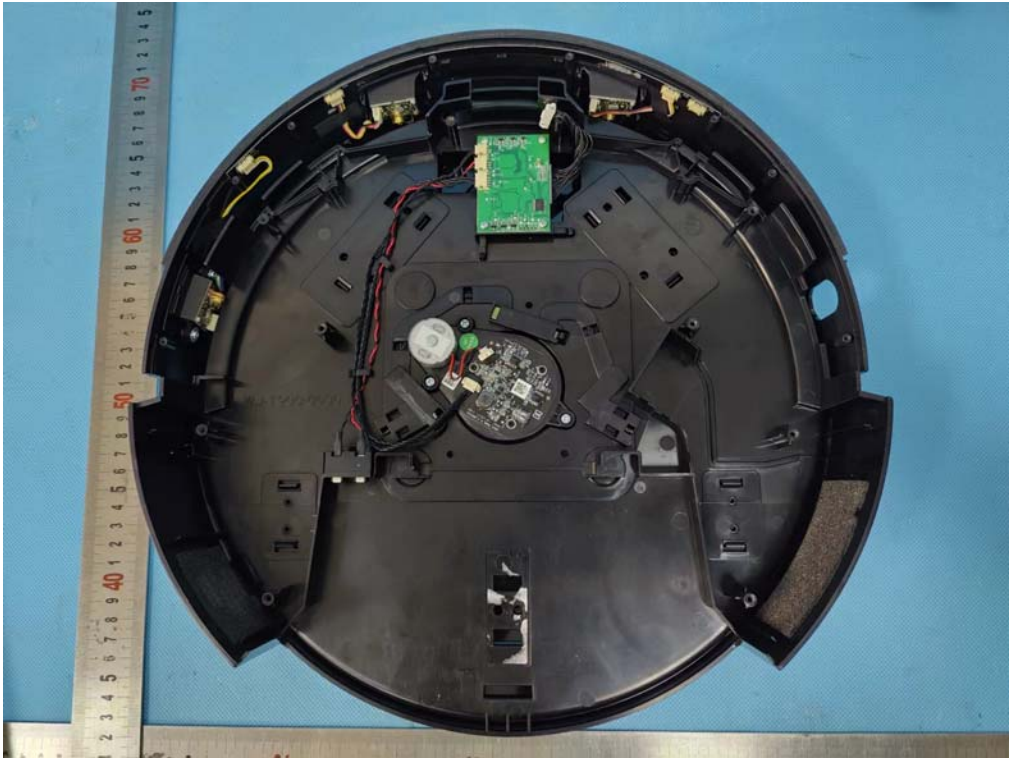
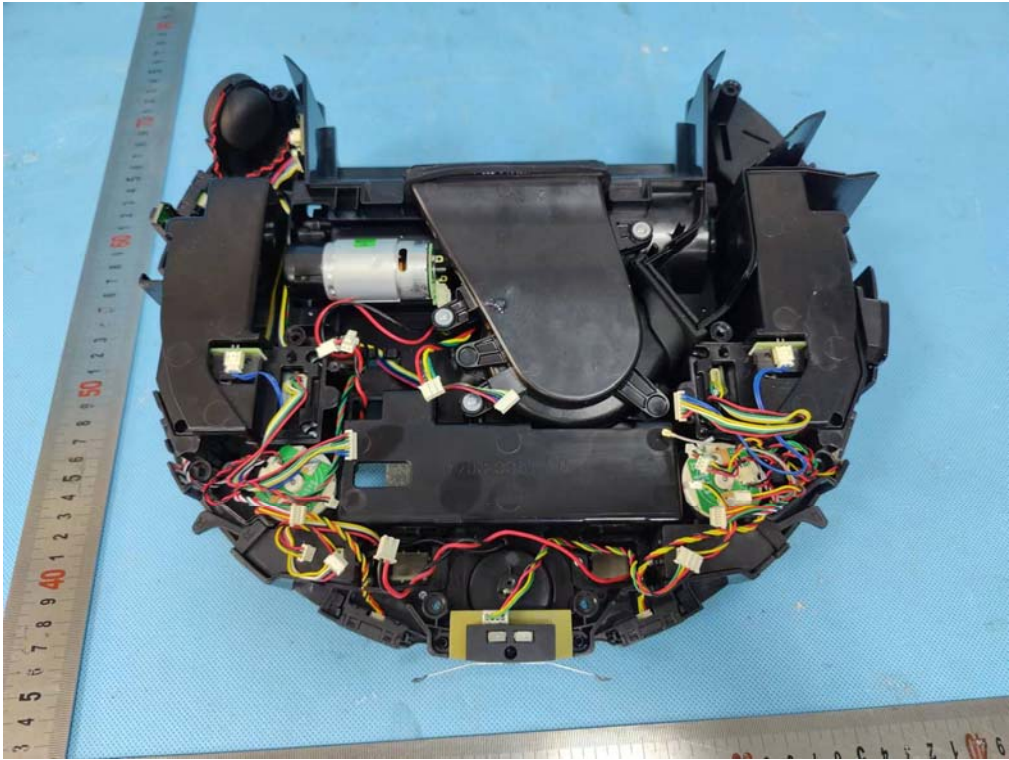
Internal Photos
M/N: T900



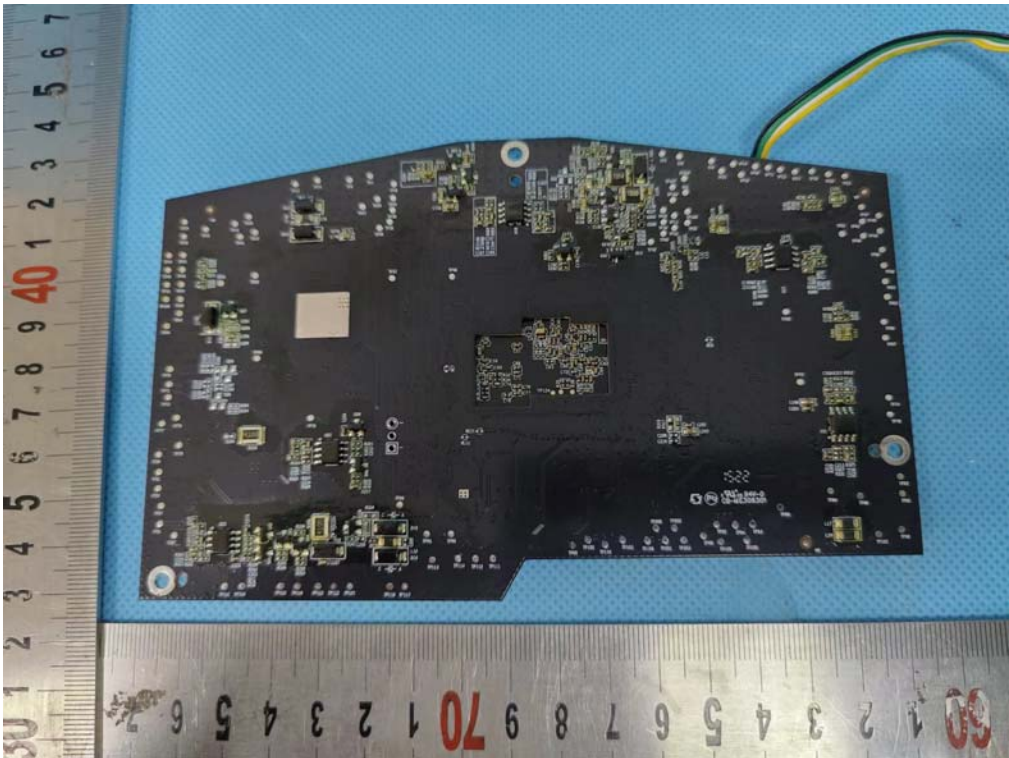
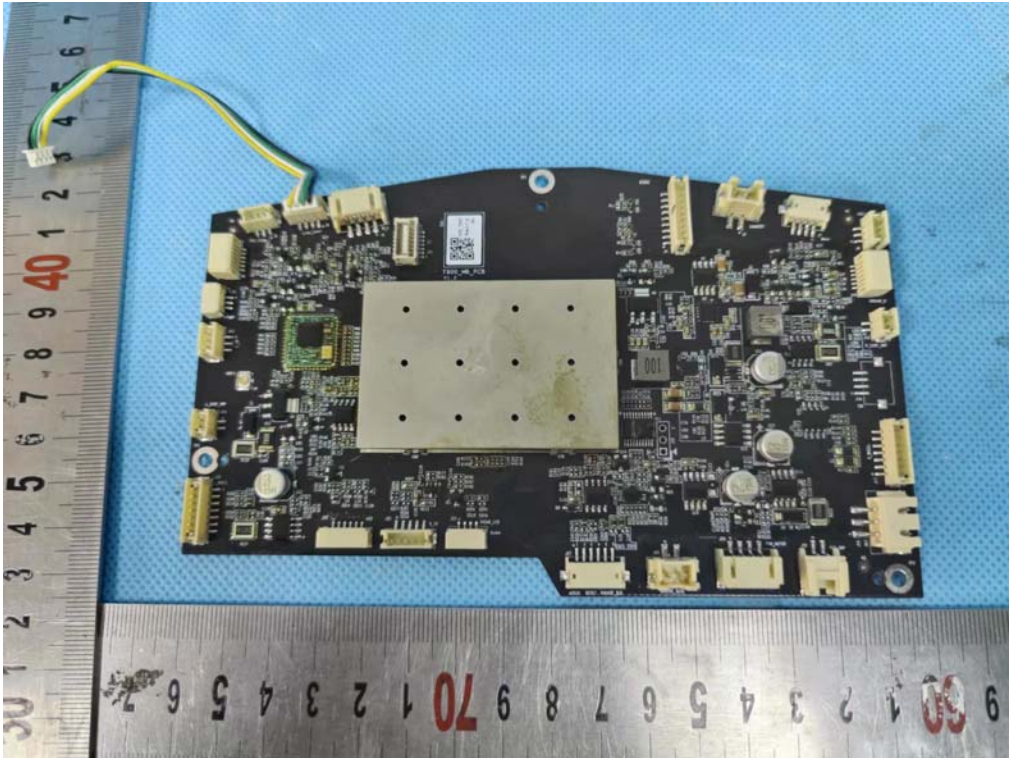
Internal Photos
M/N: T900



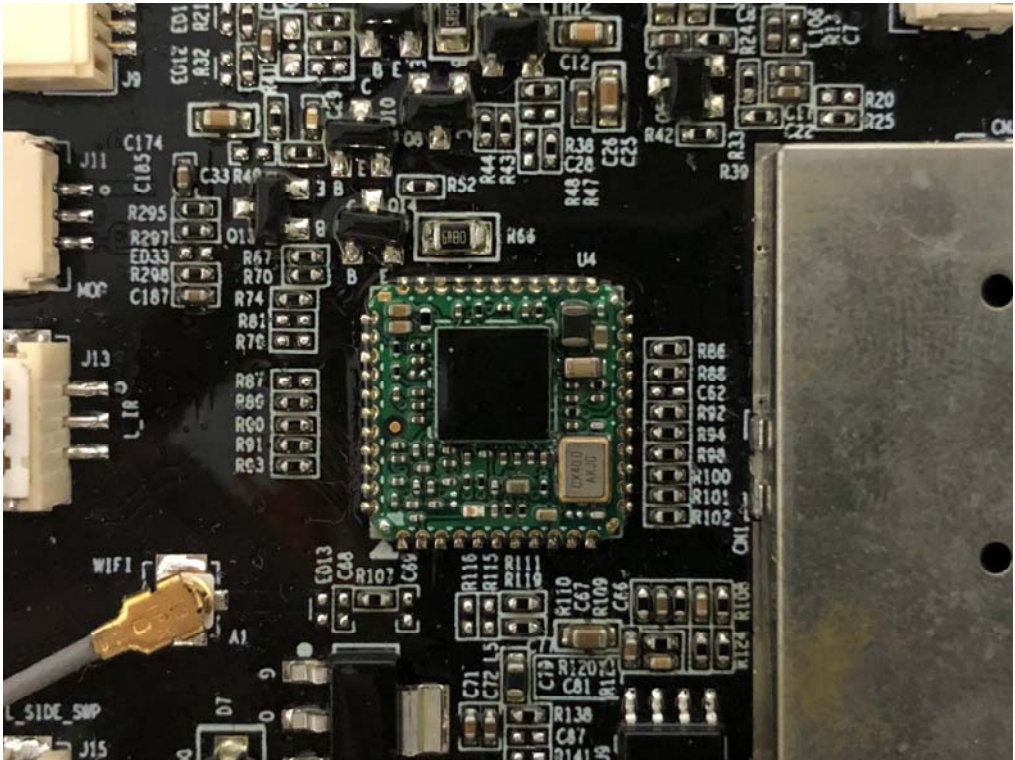
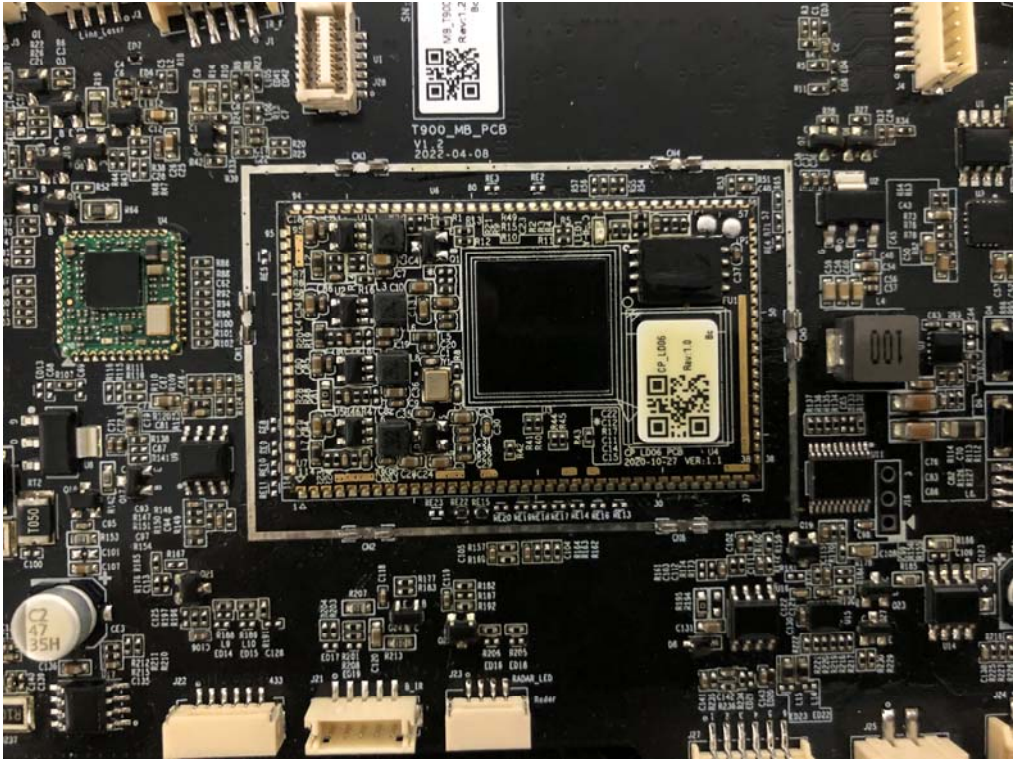
Internal Photos
M/N: T900



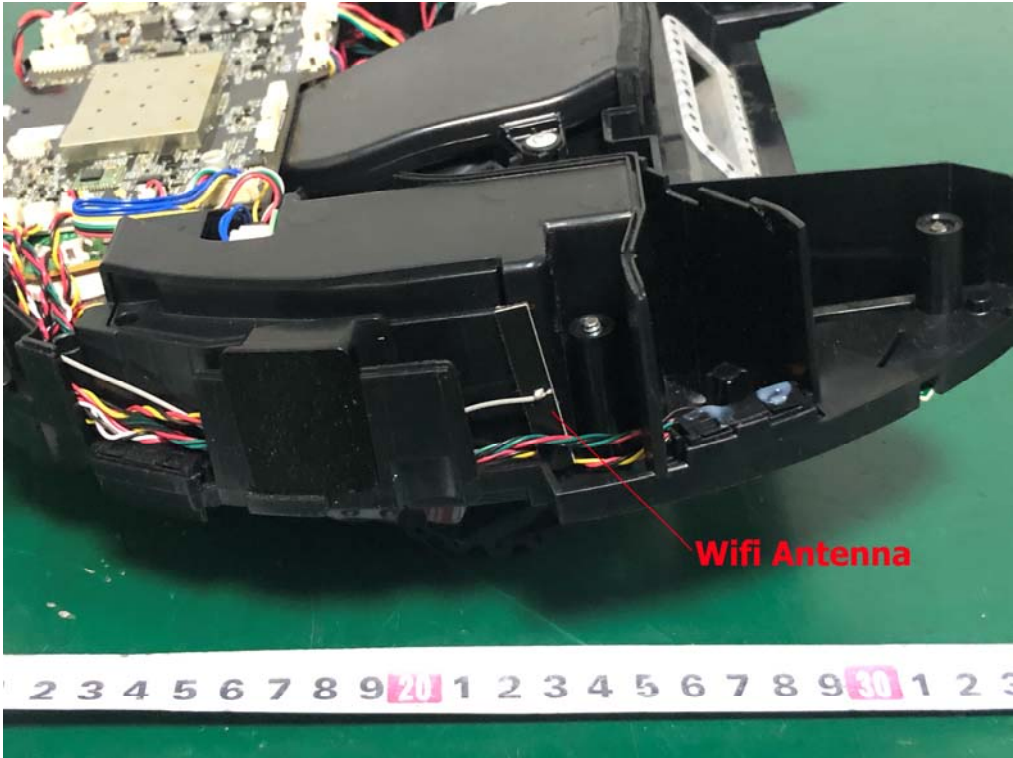
Internal Photos
M/N: T900



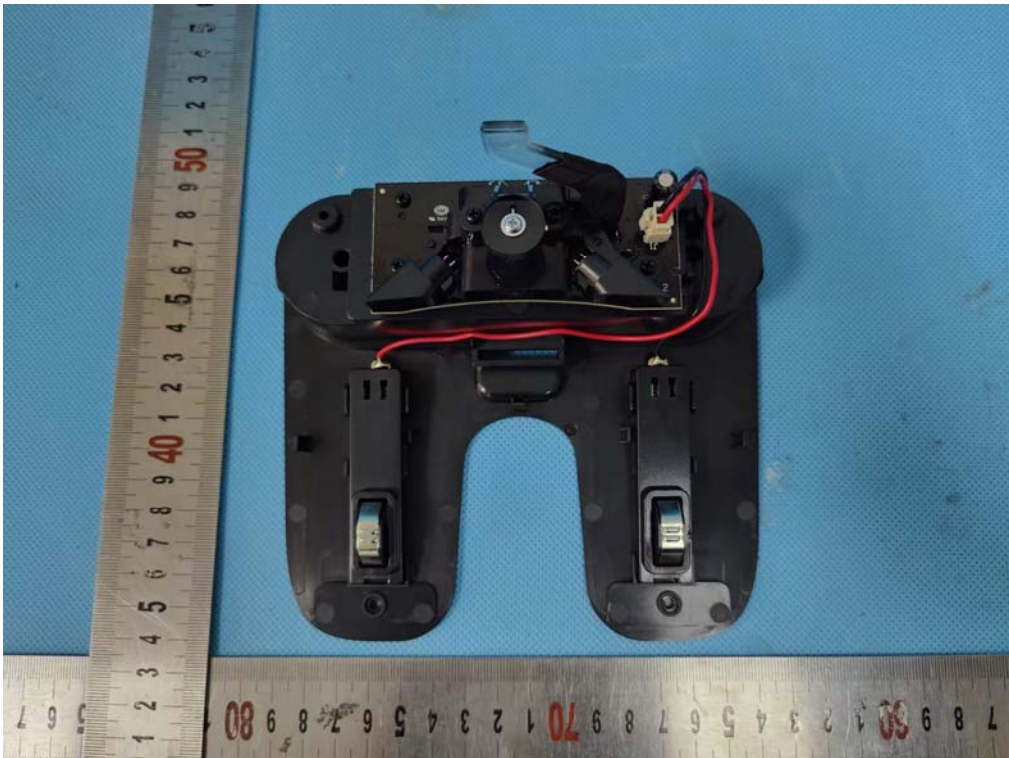
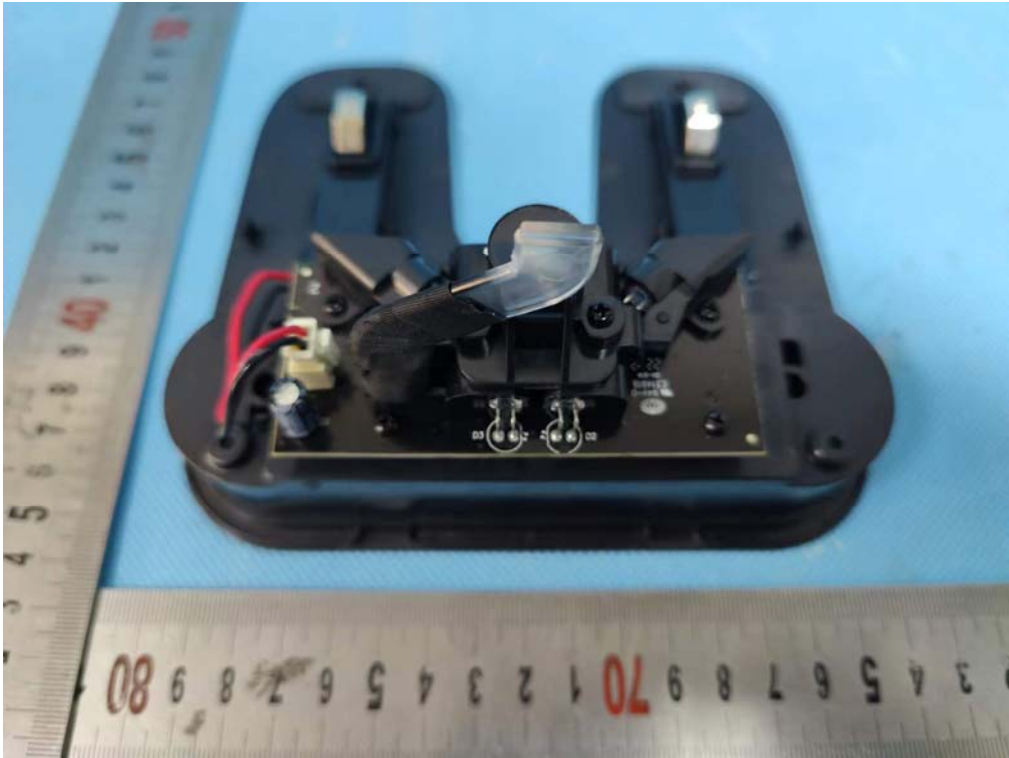
Internal Photos
M/N: T900



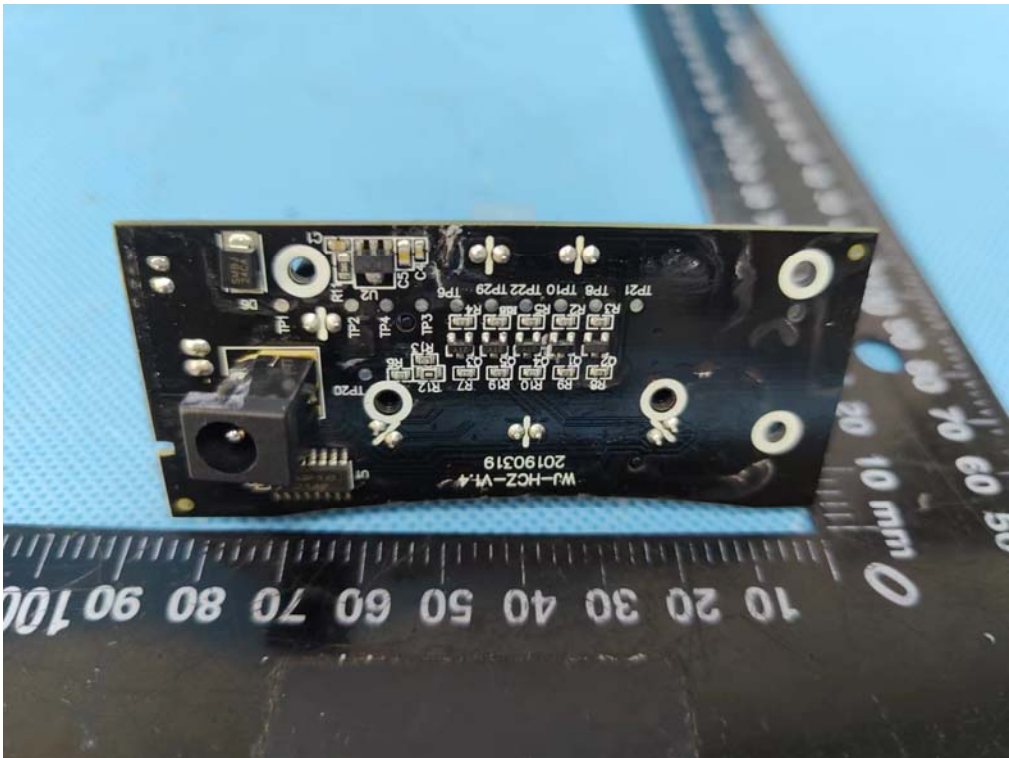
Internal Photos
M/N: T900



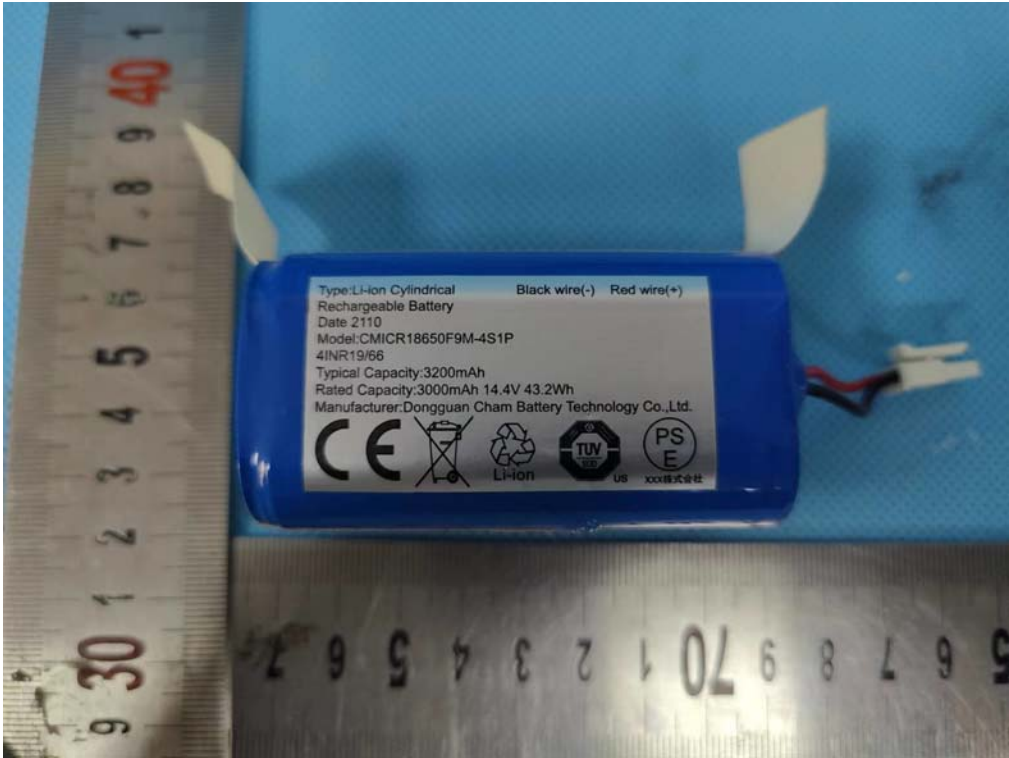
Internal Photos
M/N: T900



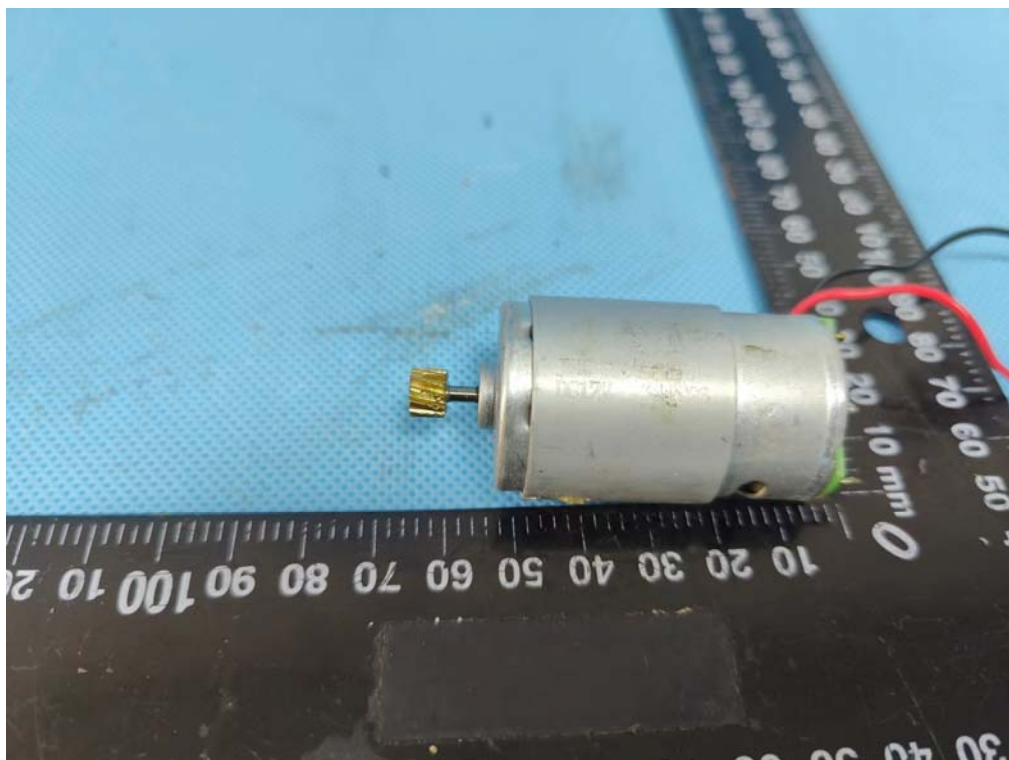
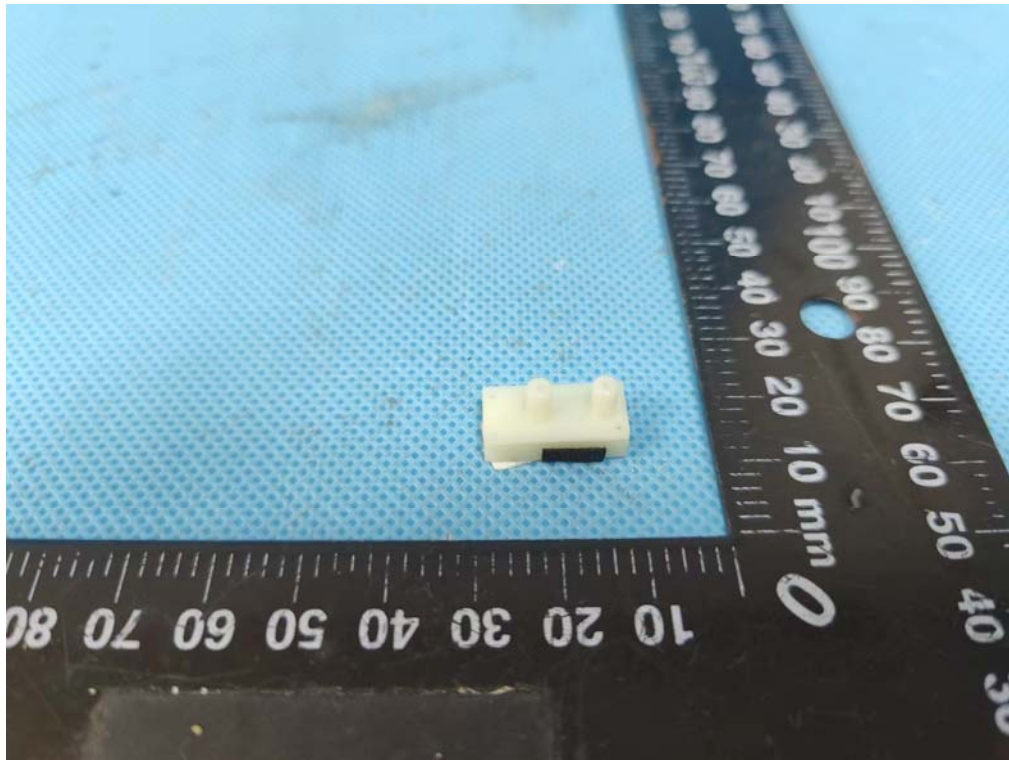
Internal Photos
M/N: T900



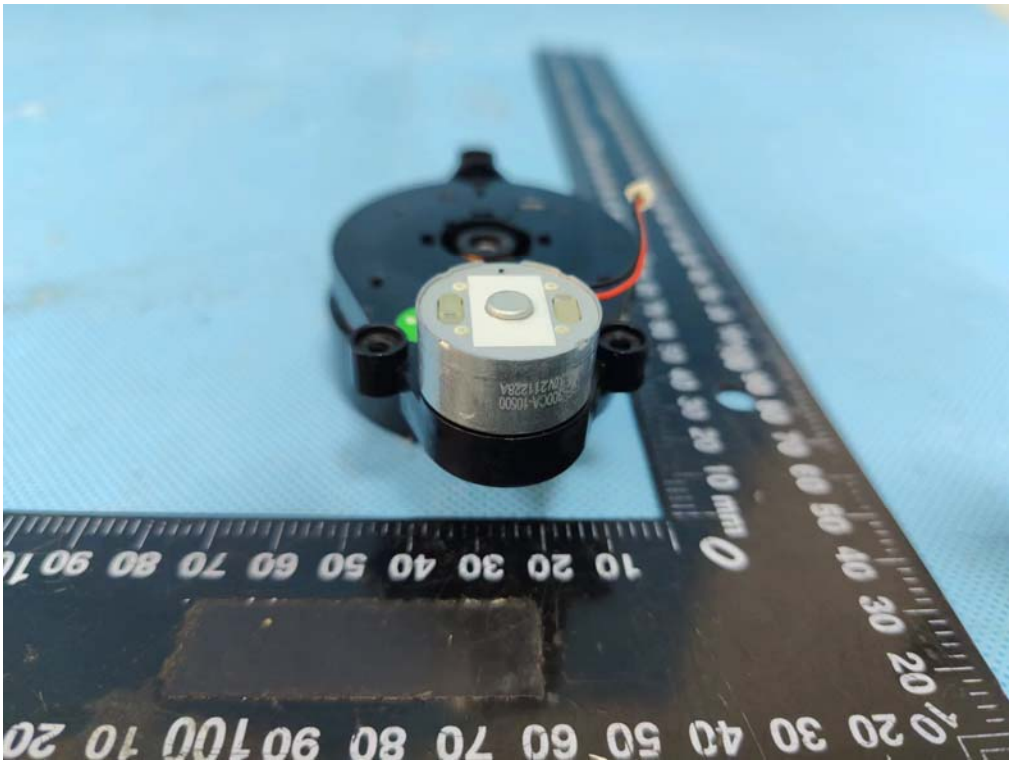
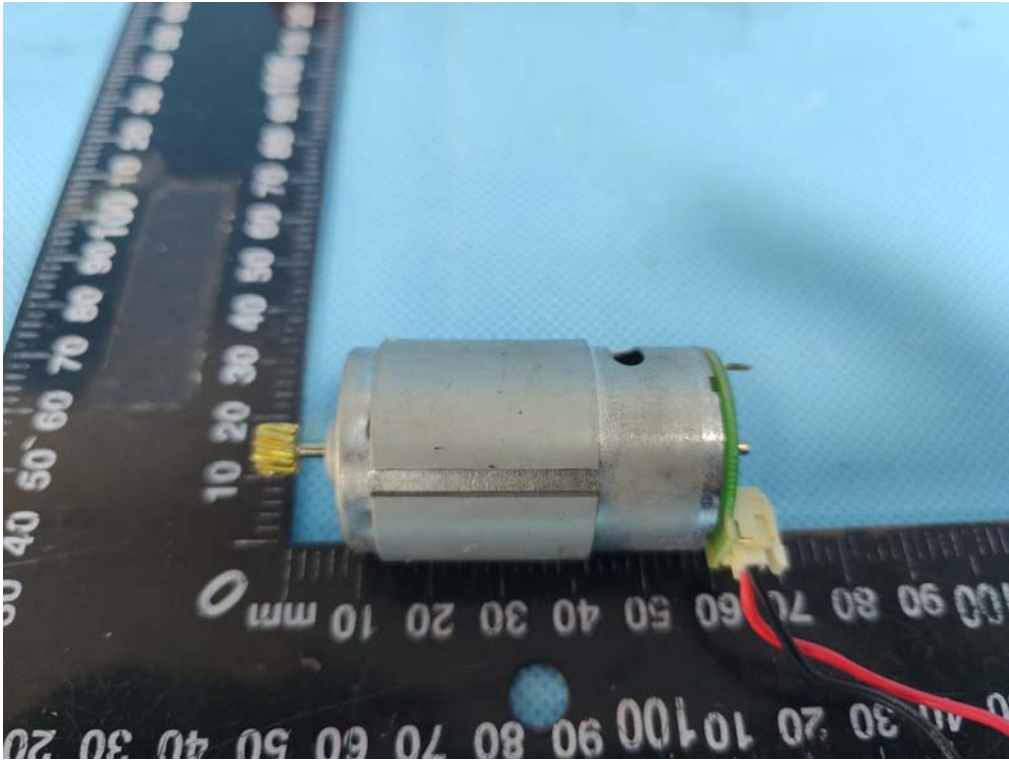
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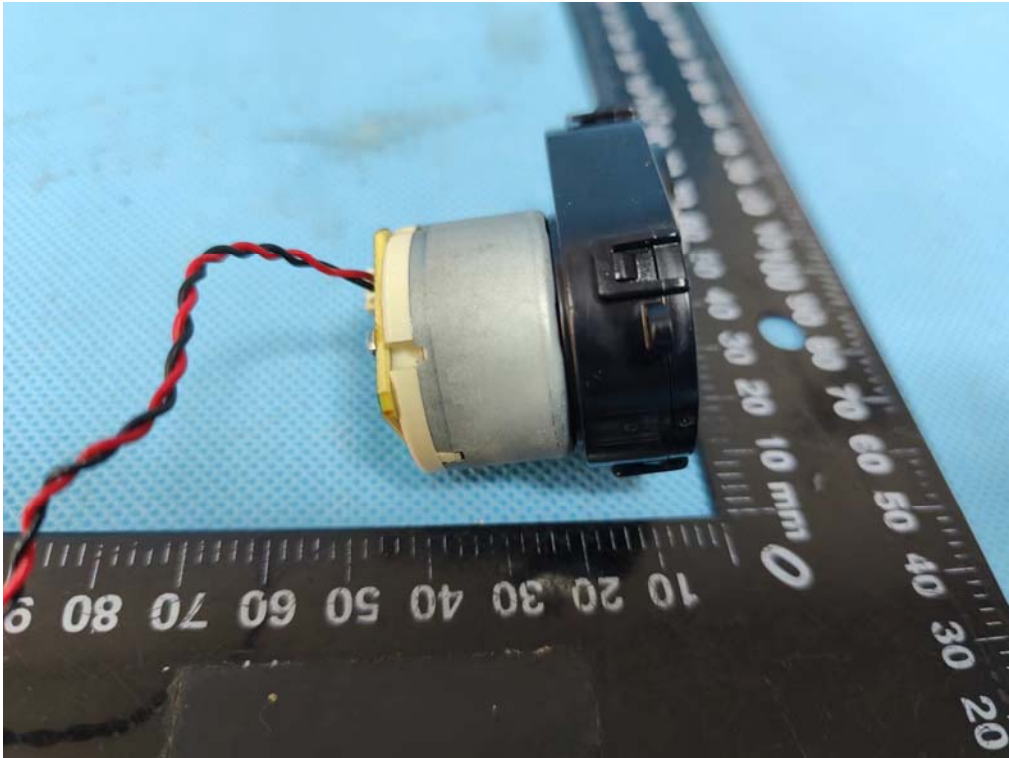
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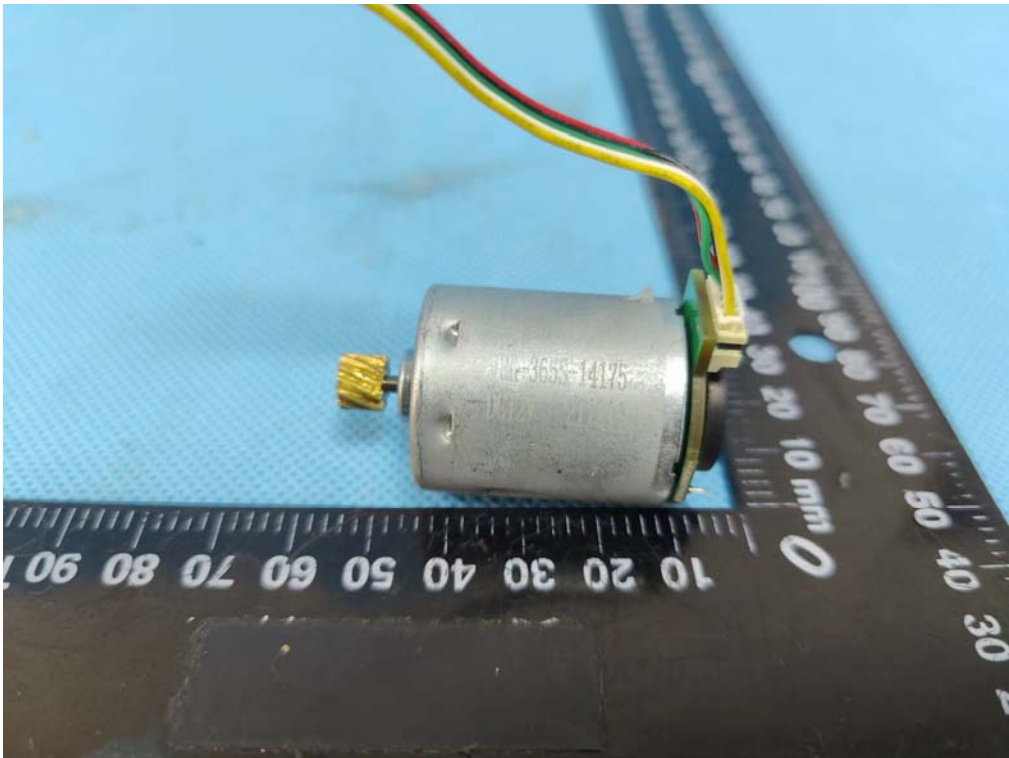
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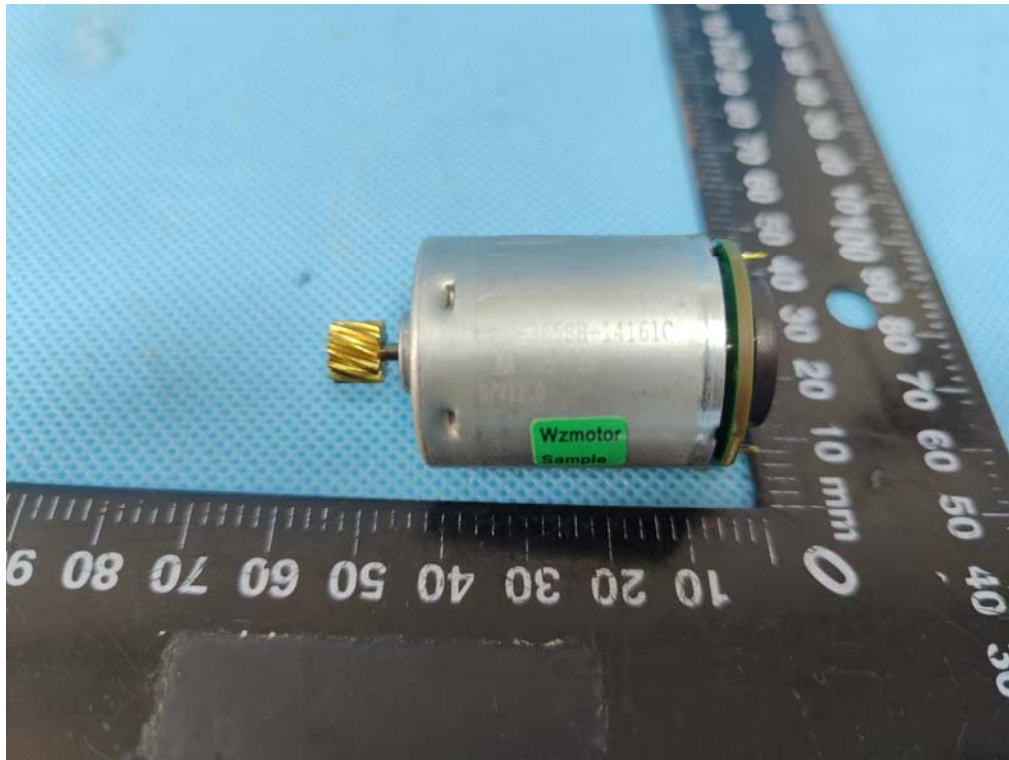
Internal Photos
M/N: T900



Internal Photos
M/N: T900



Internal Photos
M/N: T900



End of Test Report