



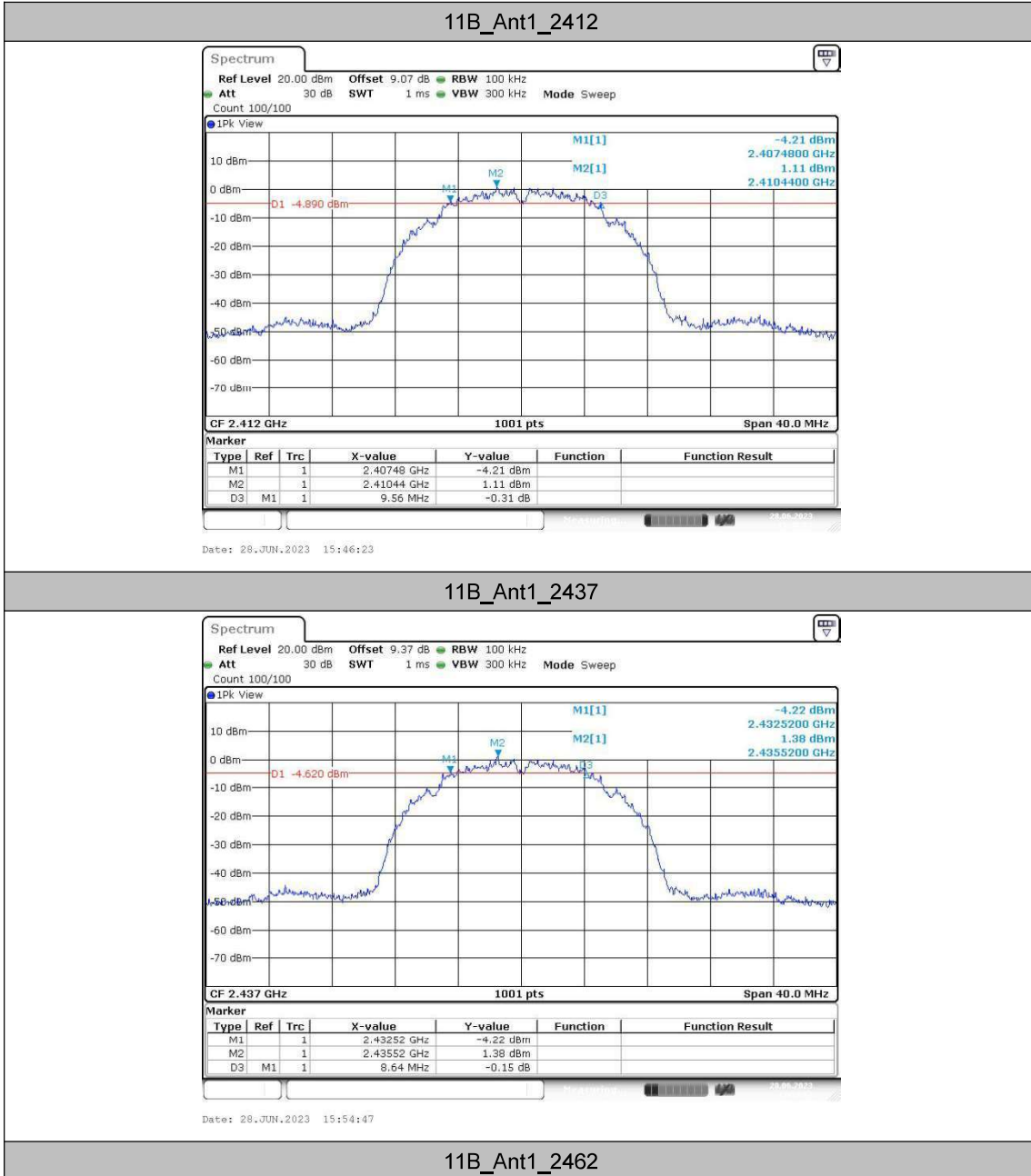
## Appendix A: 6dB bandwidth

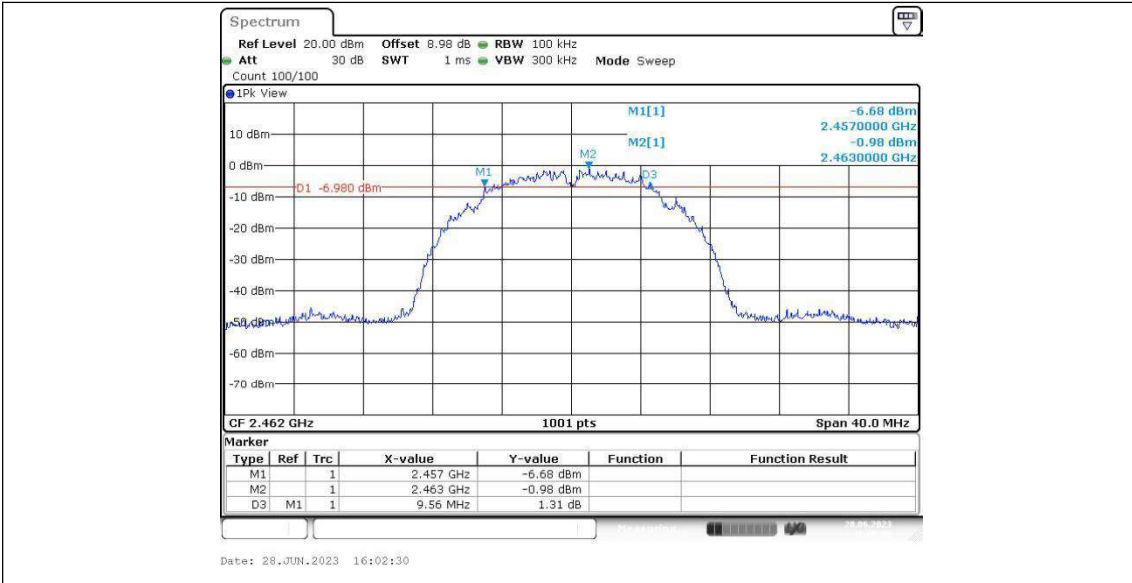
### Test Result

TestMode	Antenna	Frequency[MHz]	DTS BW [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	9.56	2407.48	2417.04	0.5	PASS
		2437	8.64	2432.52	2441.16	0.5	PASS
		2462	9.56	2457.00	2466.56	0.5	PASS
11G	Ant1	2412	16.36	2403.84	2420.20	0.5	PASS
		2437	16.36	2428.84	2445.20	0.5	PASS
		2462	16.36	2453.84	2470.20	0.5	PASS
11N20SISO	Ant1	2412	16.80	2403.60	2420.40	0.5	PASS
		2437	16.76	2428.64	2445.40	0.5	PASS
		2462	16.84	2453.60	2470.44	0.5	PASS
11N40SISO	Ant1	2422	35.12	2404.48	2439.60	0.5	PASS
		2437	35.12	2419.48	2454.60	0.5	PASS
		2452	35.12	2434.48	2469.60	0.5	PASS

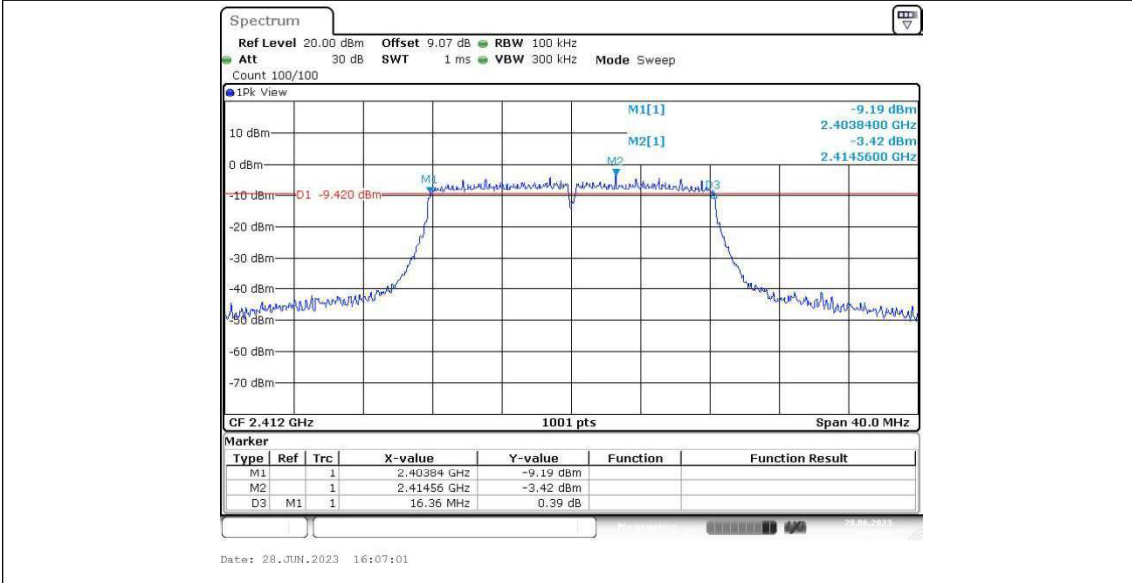


Test Graphs

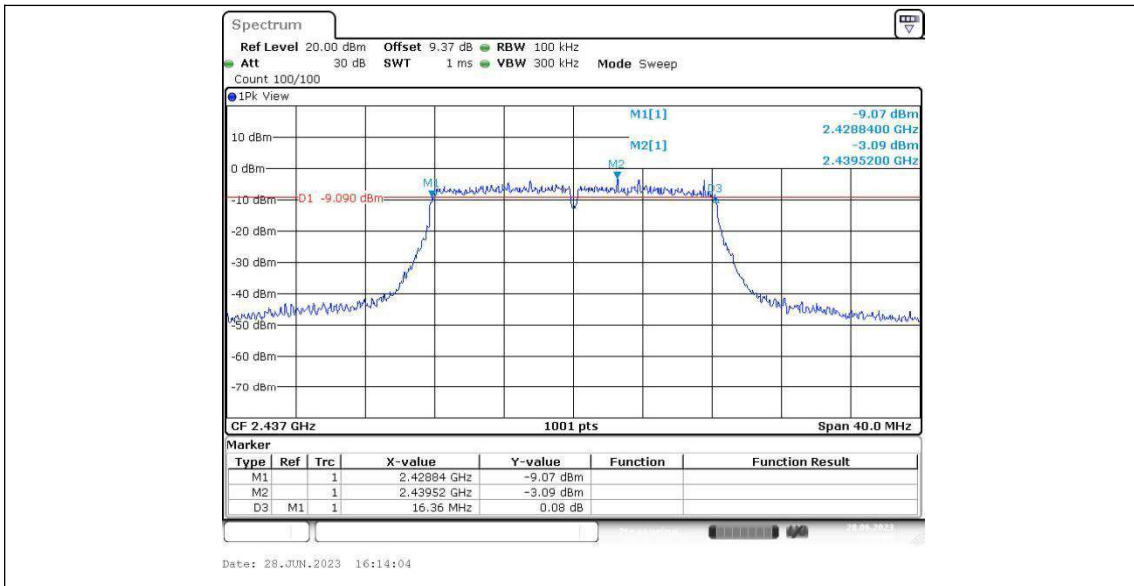




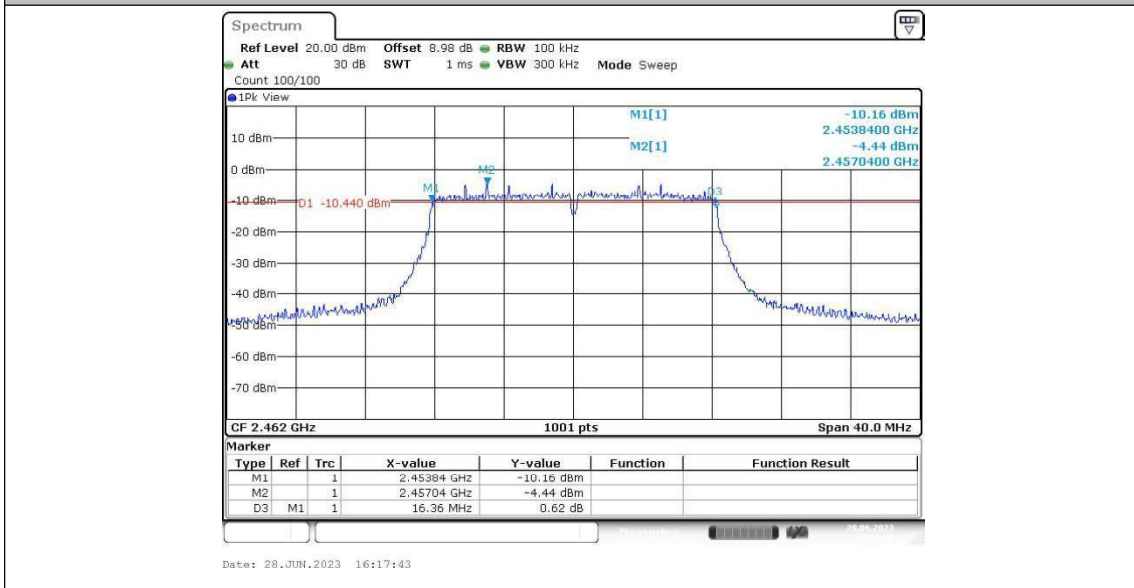
11G\_Ant1\_2412



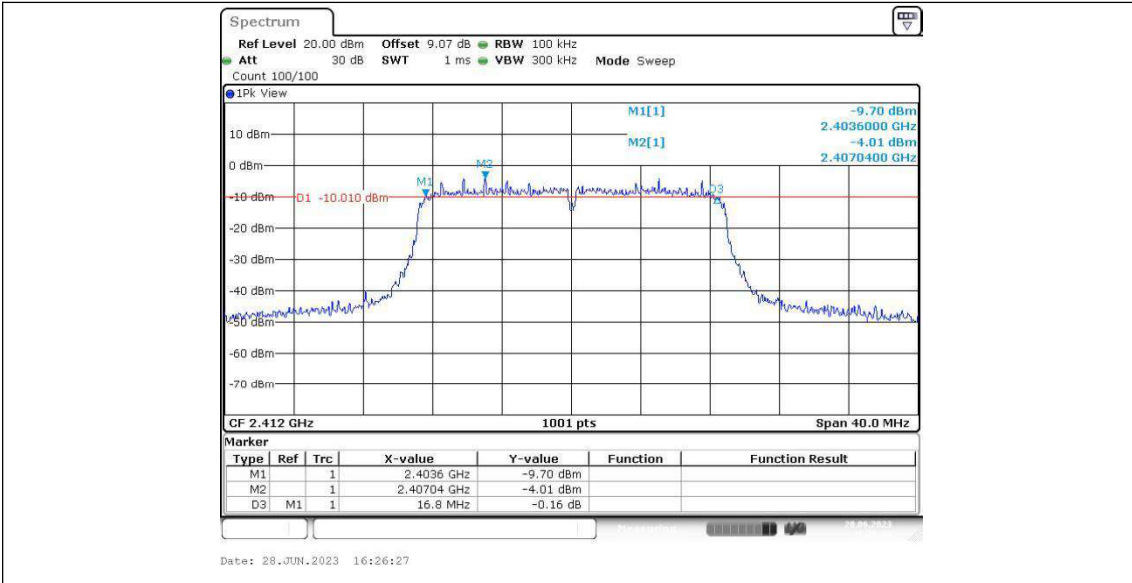
11G\_Ant1\_2437



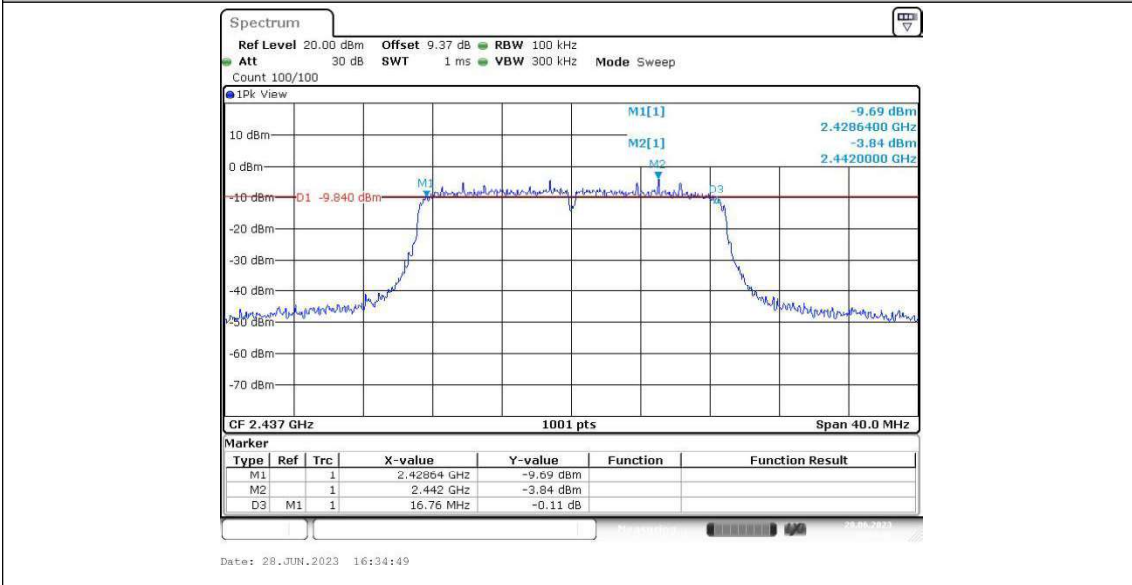
11G\_Ant1\_2462



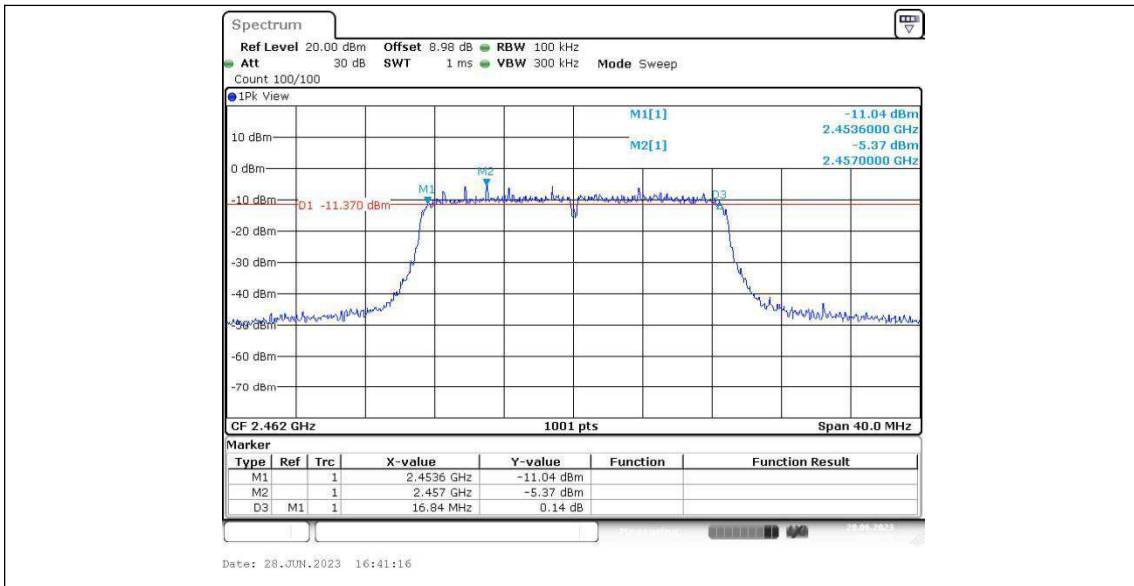
11N20SISO\_Ant1\_2412



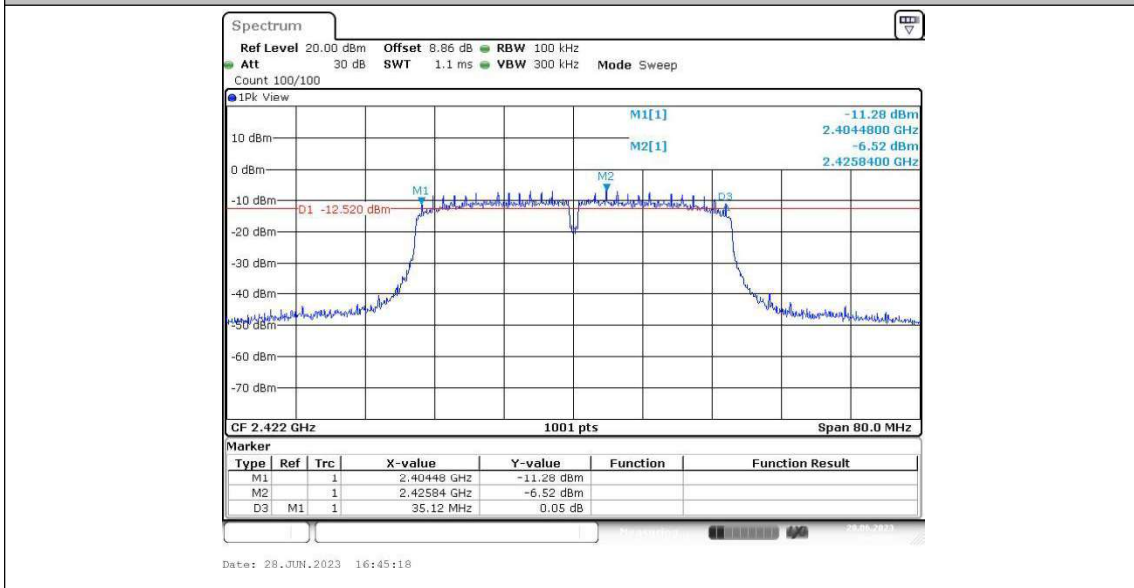
11N20SISO\_Ant1\_2437



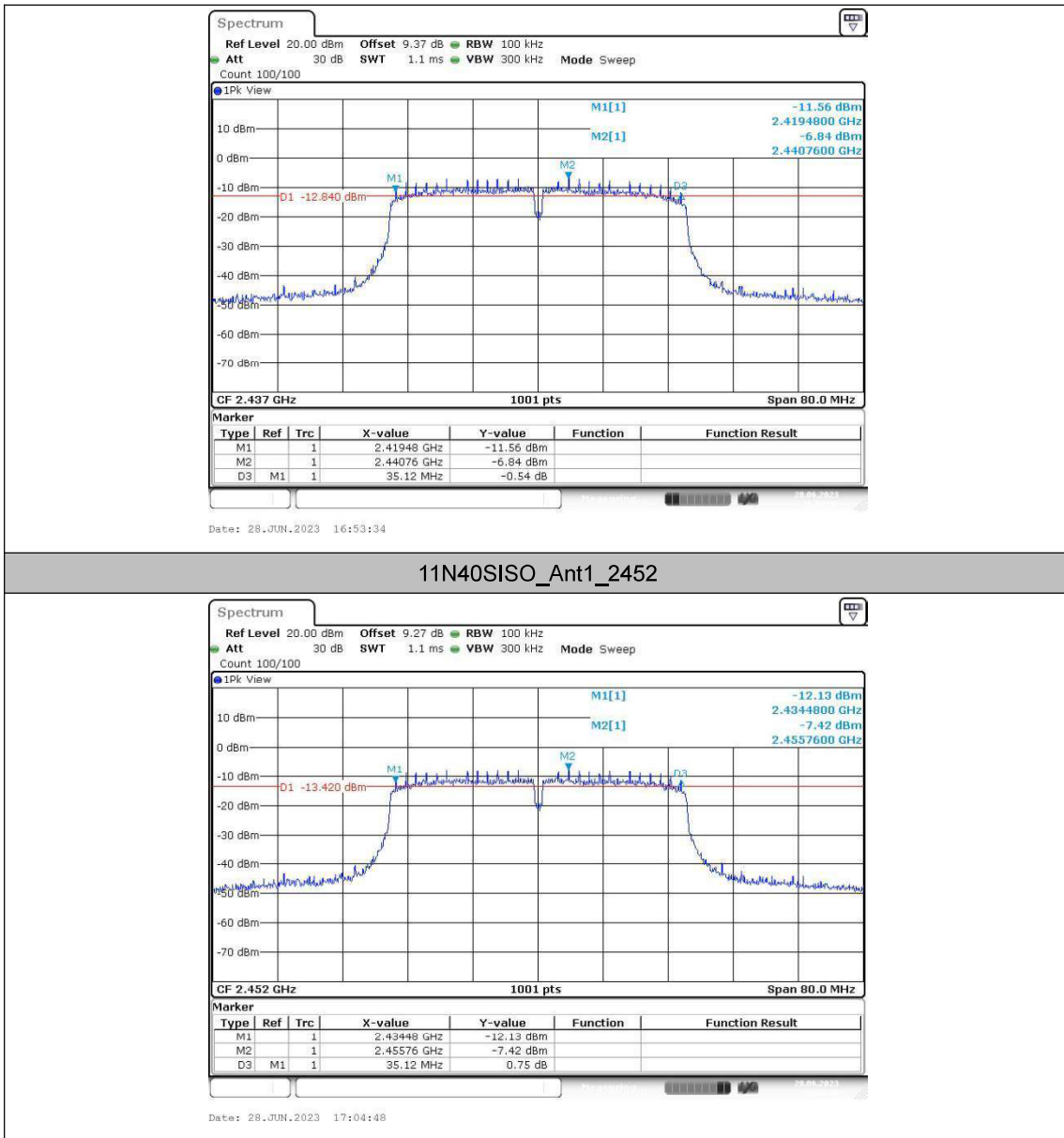
11N20SISO\_Ant1\_2462



11N40SISO\_Ant1\_2422



11N40SISO\_Ant1\_2437





## Appendix B: Occupied Channel Bandwidth

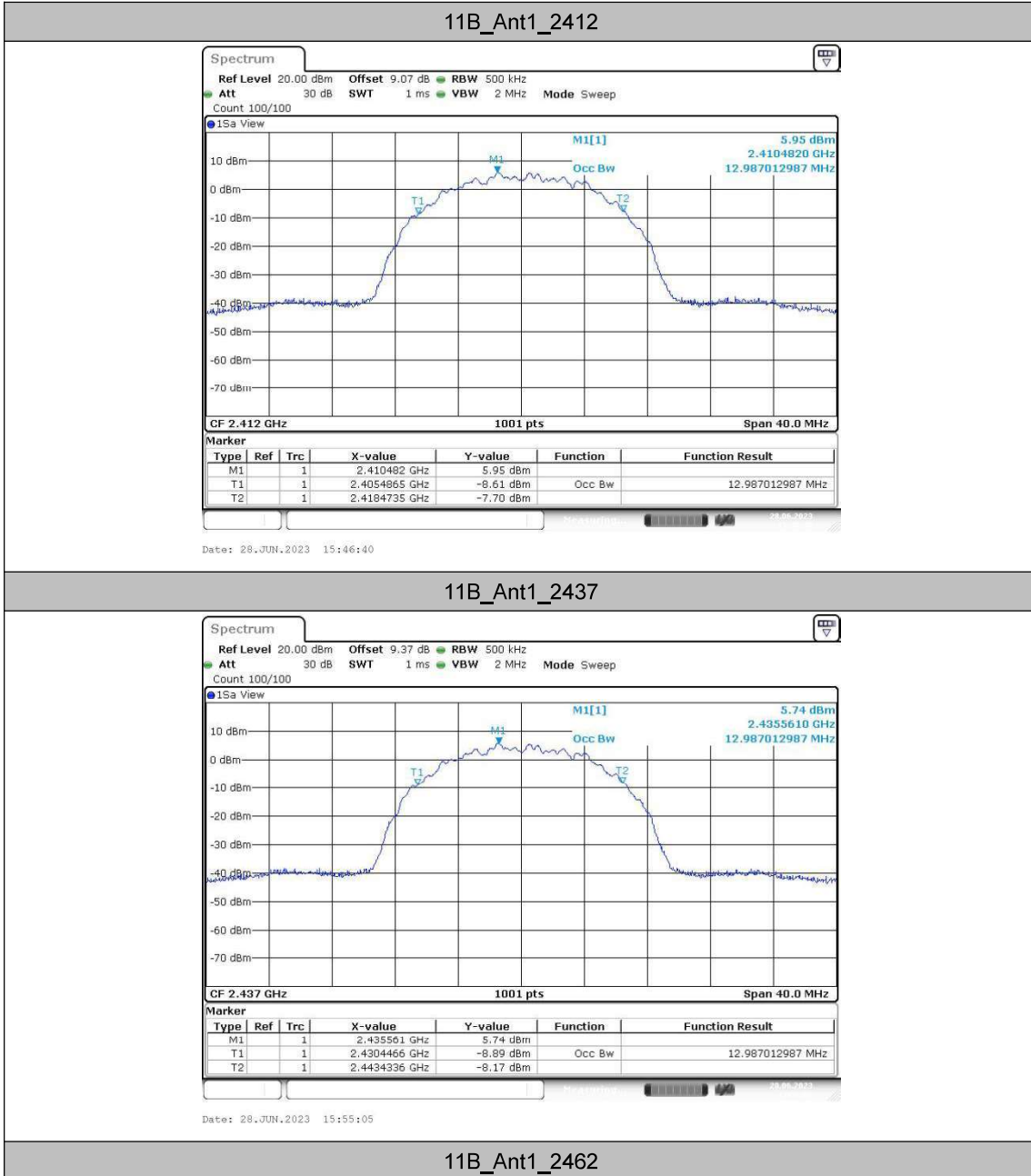
### Test Result

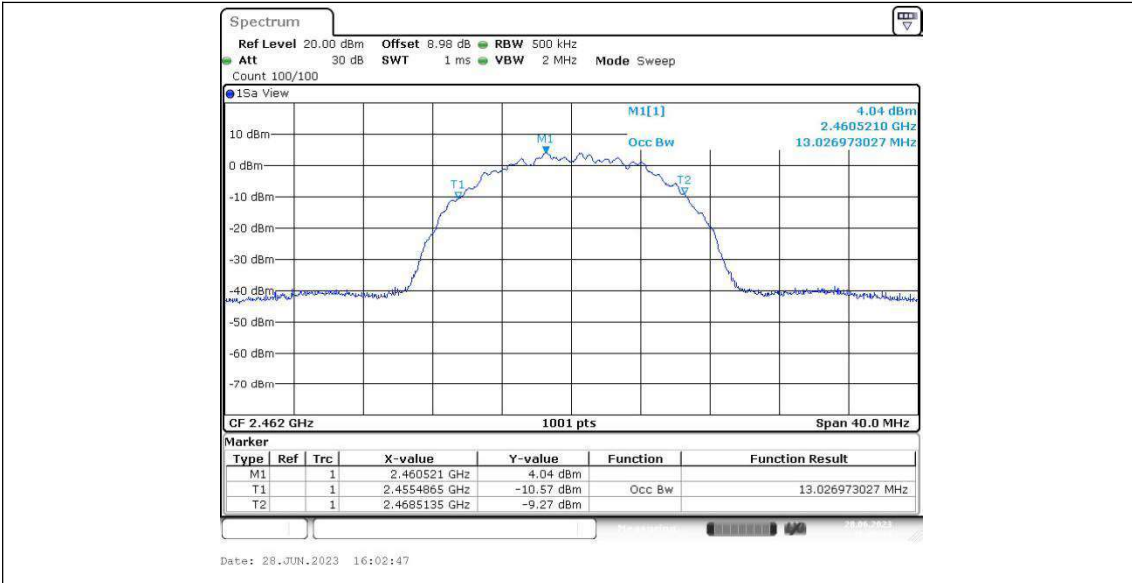
TestMode	Antenna	Channel Frequency[MHz]	OCB [MHz]	FL[MHz]	FH[MHz]	Limit[MHz]	Verdict
11B	Ant1	2412	12.987	2405.487	2418.474	---	---
		2437	12.987	2430.447	2443.434	---	---
		2462	13.027	2455.487	2468.513	---	---
11G	Ant1	2412	16.823	2403.608	2420.432	---	---
		2437	16.823	2428.568	2445.392	---	---
		2462	16.863	2453.608	2470.472	---	---
11N20SISO	Ant1	2412	17.542	2403.249	2420.791	---	---
		2437	17.502	2428.249	2445.751	---	---
		2462	17.582	2453.249	2470.831	---	---
11N40SISO	Ant1	2422	35.884	2404.098	2439.982	---	---
		2437	35.964	2419.018	2454.982	---	---
		2452	36.204	2433.938	2470.142	---	---





Test Graphs

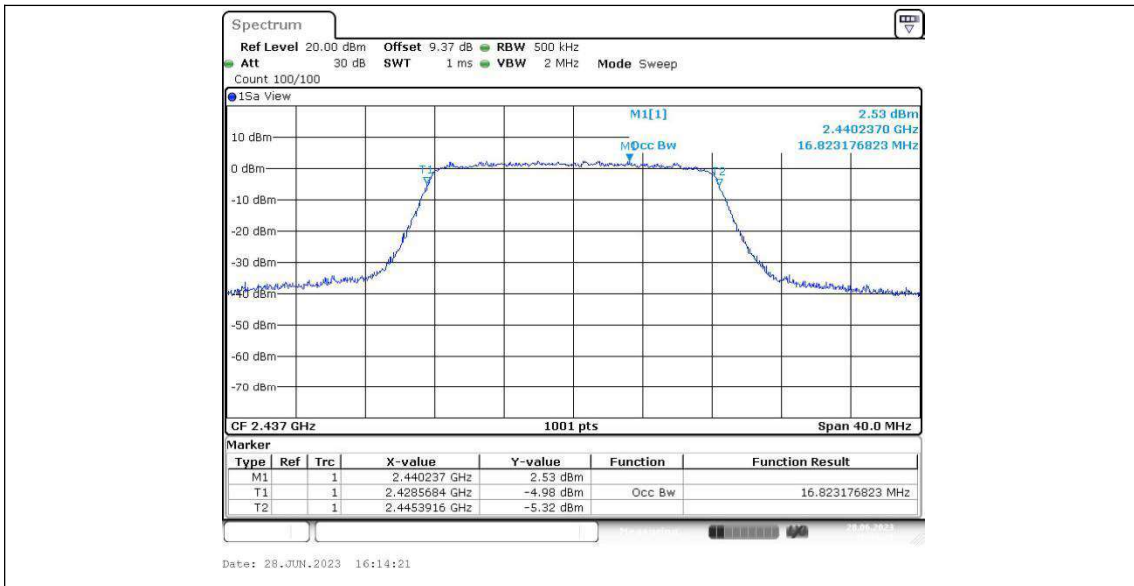




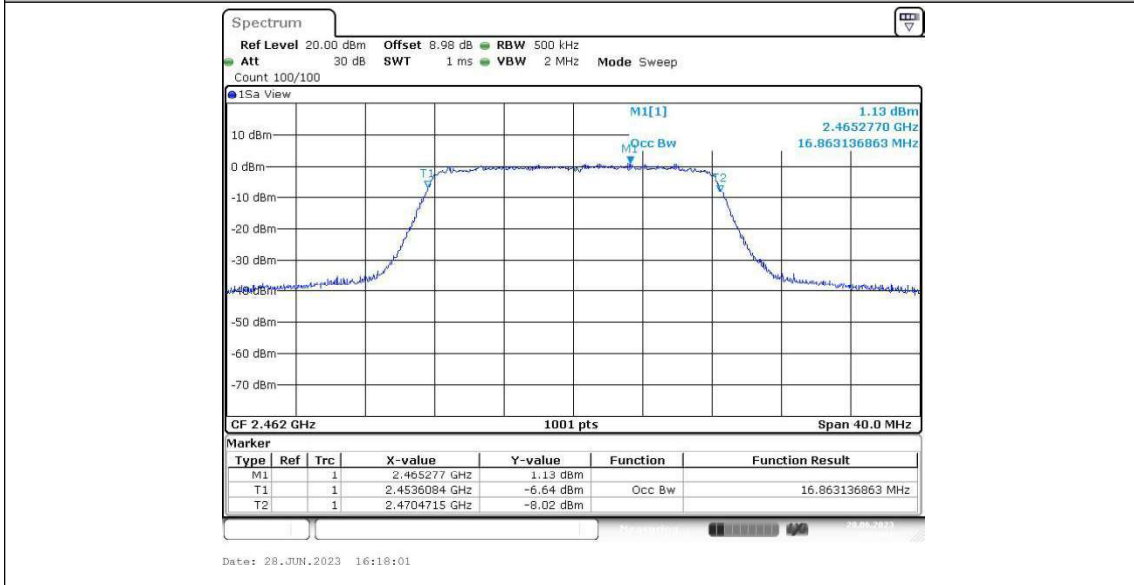
11G\_Ant1\_2412



11G\_Ant1\_2437



11G\_Ant1\_2462



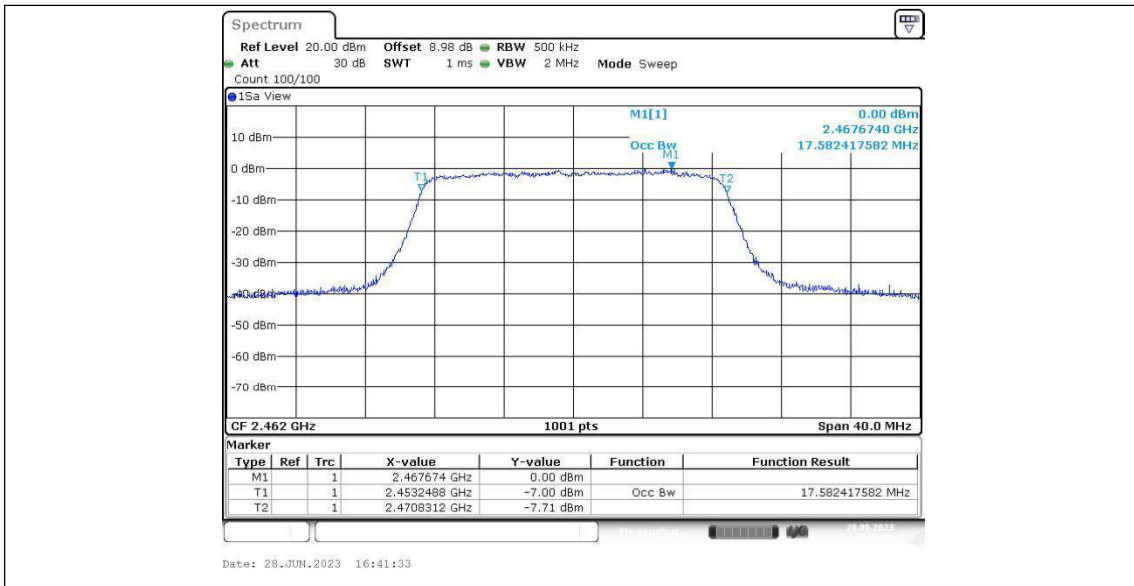
11N20SISO\_Ant1\_2412



11N20SISO\_Ant1\_2437



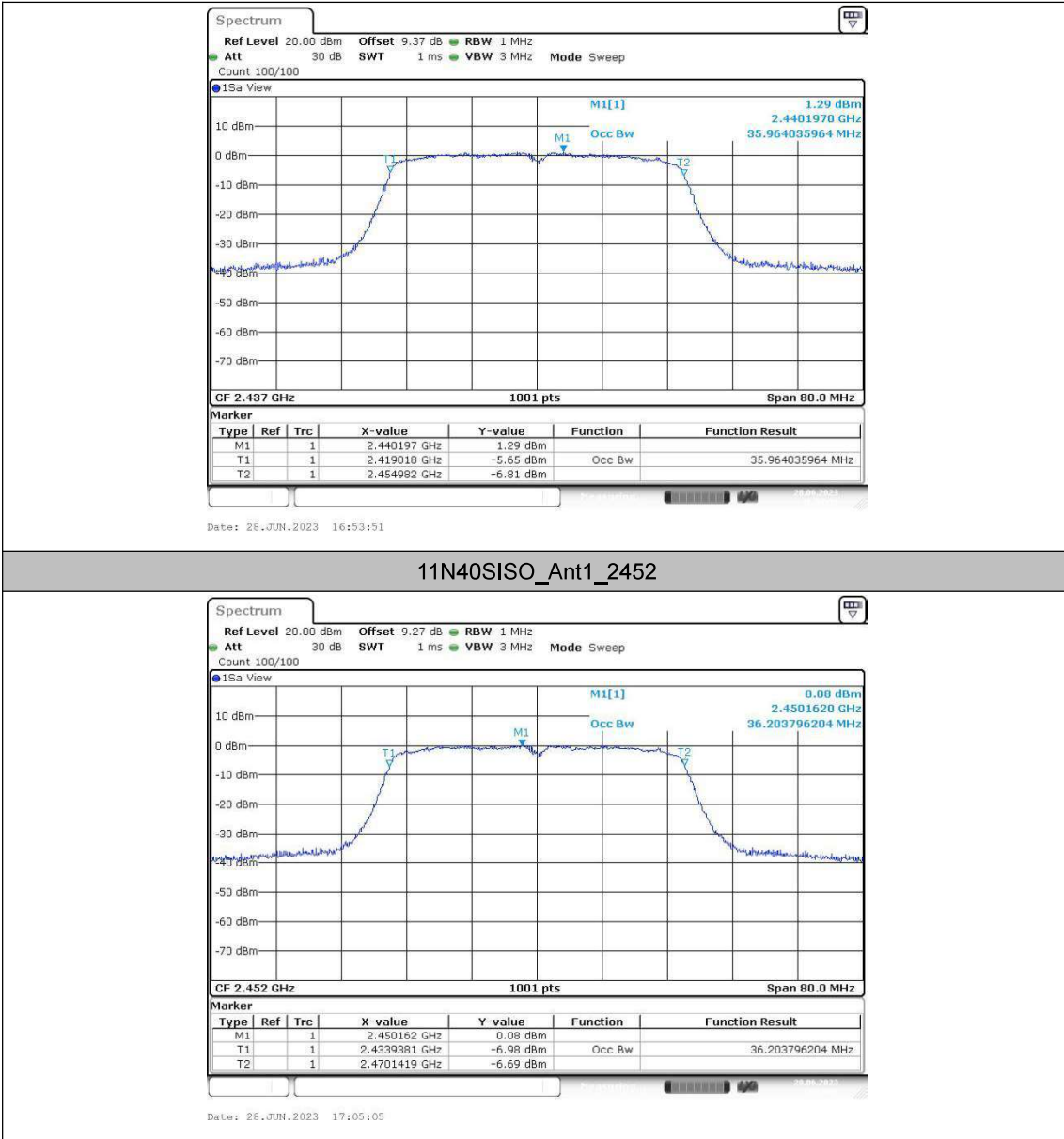
11N20SISO\_Ant1\_2462



11N40SISO\_Ant1\_2422



11N40SISO\_Ant1\_2437





### Appendix C: Conducted Output power

#### Test Result Peak

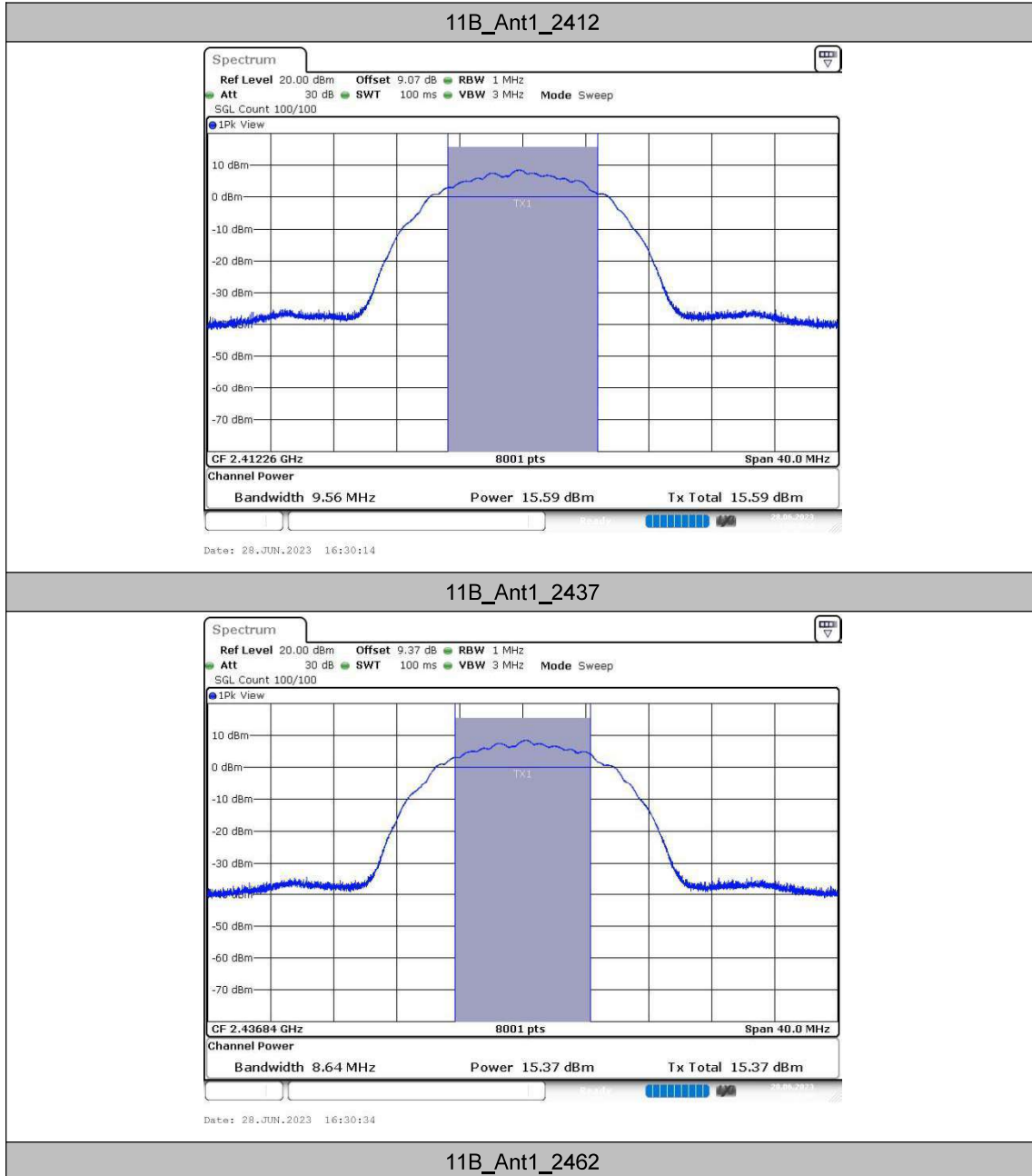
TestMode	Antenna	Frequency[MHz]	Set Power	Peak Power[dBm]	Conducted Limit[dBm]	EIRP [dBm]	EIRP Limit[dBm]	Verdict
11B	Ant1	2412	---	15.59	≤30.00	16.94	≤36.00	PASS
		2437	---	15.37	≤30.00	16.72	≤36.00	PASS
		2462	---	14.02	≤30.00	15.37	≤36.00	PASS
11G	Ant1	2412	---	16.54	≤30.00	17.89	≤36.00	PASS
		2437	---	16.52	≤30.00	17.87	≤36.00	PASS
		2462	---	14.90	≤30.00	16.25	≤36.00	PASS
11N20SIS O	Ant1	2412	---	15.04	≤30.00	16.39	≤36.00	PASS
		2437	---	15.13	≤30.00	16.48	≤36.00	PASS
		2462	---	13.74	≤30.00	15.09	≤36.00	PASS
11N40SIS O	Ant1	2422	---	15.03	≤30.00	16.38	≤36.00	PASS
		2437	---	14.97	≤30.00	16.32	≤36.00	PASS
		2452	---	14.22	≤30.00	15.57	≤36.00	PASS

#### Test Result Average

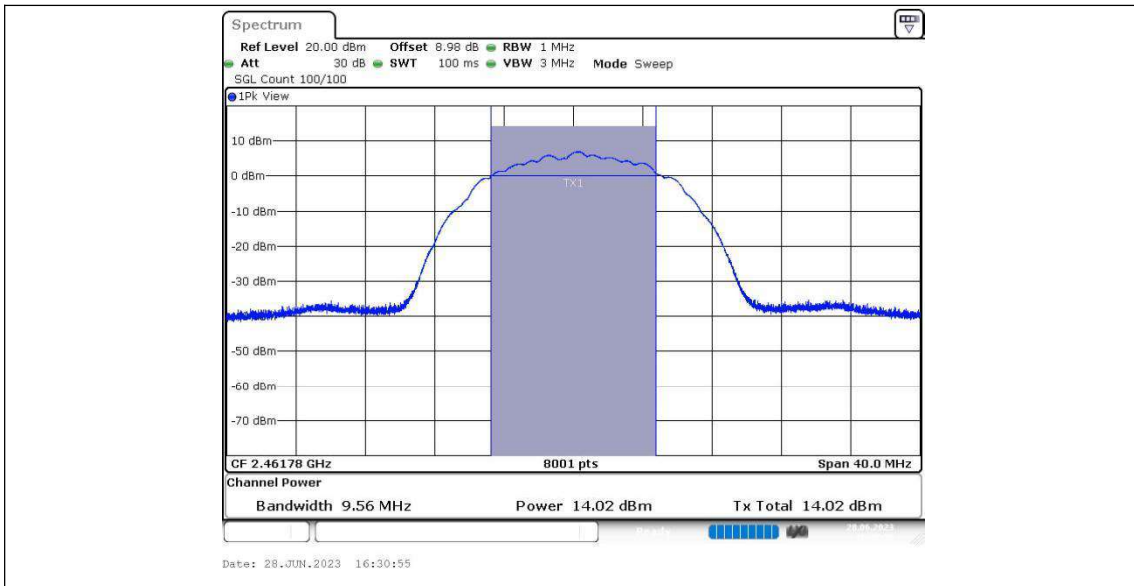
Test Mode	Antenna	Frequency[MHz]	Average power [dBm]	Duty Cycle [%]	DC Factor [dBm]	Result [dBm]	Limit [dBm]	Gain [dBi]	EIRP [dBm]	EIRP Limit [dBm]	Verdict
11B	Ant1	2412	7.86	100.00	0.00	7.86	≤30.00	1.35	9.21	≤36.00	PASS
		2437	7.80	100.00	0.00	7.80	≤30.00	1.35	9.15	≤36.00	PASS
		2462	7.25	100.00	0.00	7.25	≤30.00	1.35	8.60	≤36.00	PASS
11G	Ant1	2412	7.20	99.64	0.02	7.22	≤30.00	1.35	8.57	≤36.00	PASS
		2437	7.19	99.64	0.02	7.21	≤30.00	1.35	8.56	≤36.00	PASS
		2462	6.60	99.64	0.02	6.62	≤30.00	1.35	7.97	≤36.00	PASS
11N20SI SO	Ant1	2412	5.92	99.41	0.03	5.95	≤30.00	1.35	7.30	≤36.00	PASS
		2437	5.90	99.41	0.03	5.93	≤30.00	1.35	7.28	≤36.00	PASS
		2462	5.46	99.41	0.03	5.49	≤30.00	1.35	6.84	≤36.00	PASS
11N40SI SO	Ant1	2422	5.96	98.80	0.05	6.01	≤30.00	1.35	7.36	≤36.00	PASS
		2437	5.71	99.20	0.03	5.74	≤30.00	1.35	7.09	≤36.00	PASS
		2452	5.44	99.20	0.03	5.47	≤30.00	1.35	6.82	≤36.00	PASS



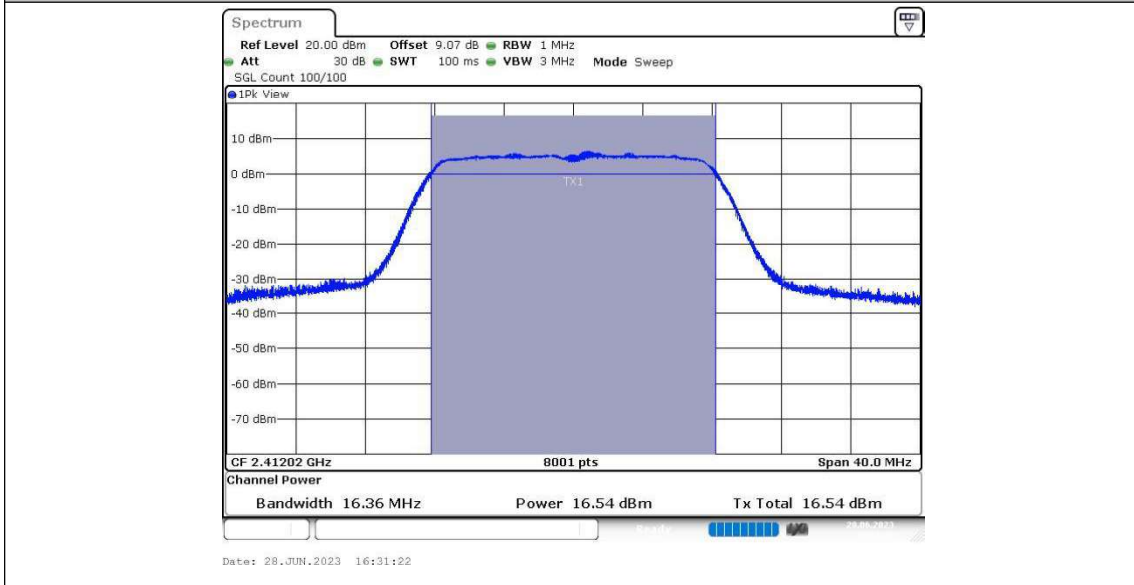
Test Graphs Peak



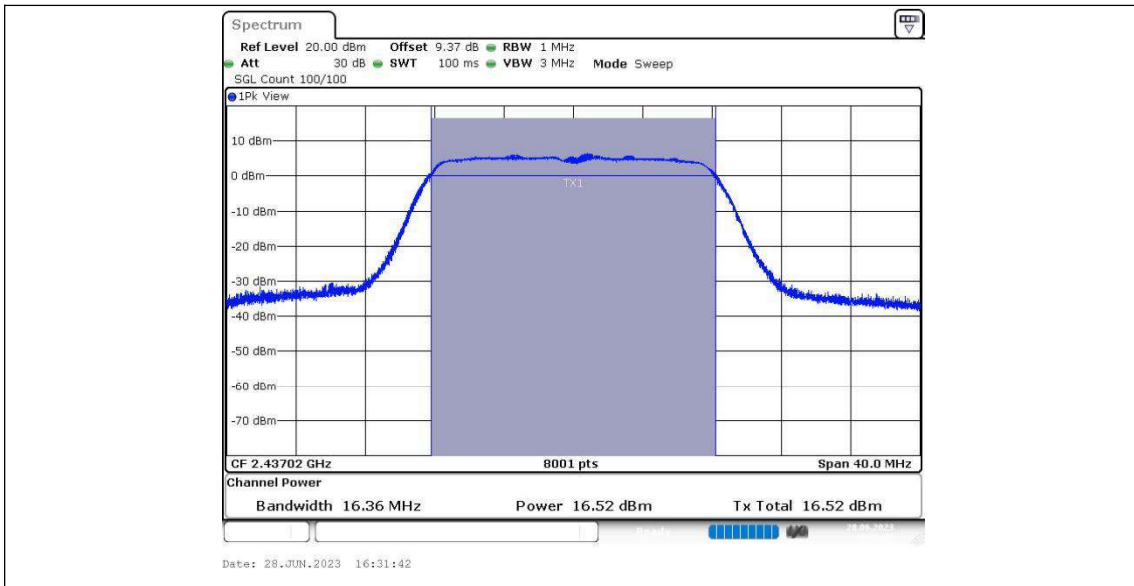




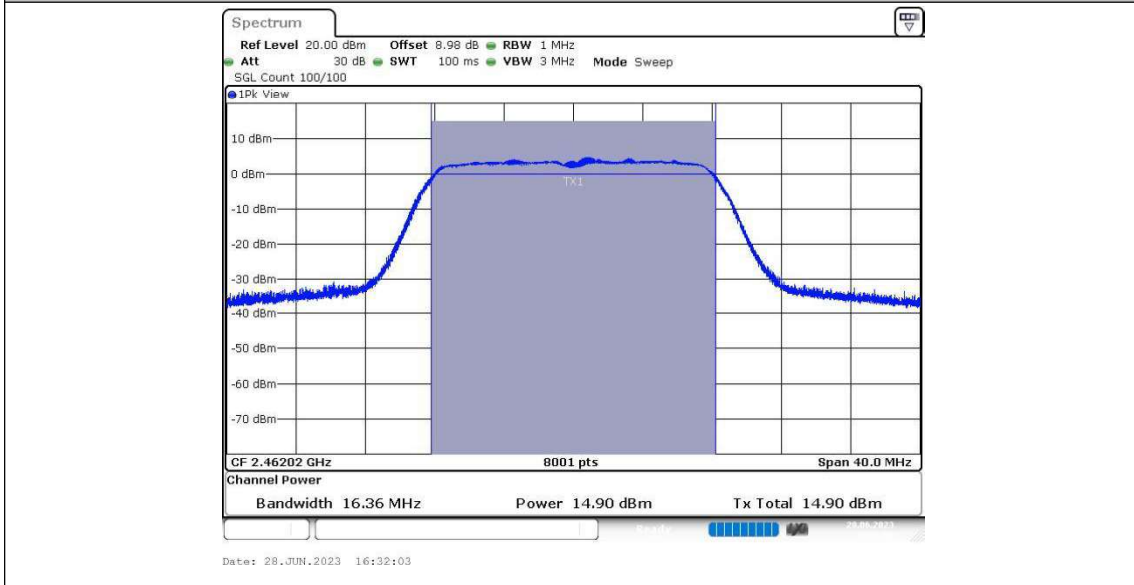
11G\_Ant1\_2412



11G\_Ant1\_2437

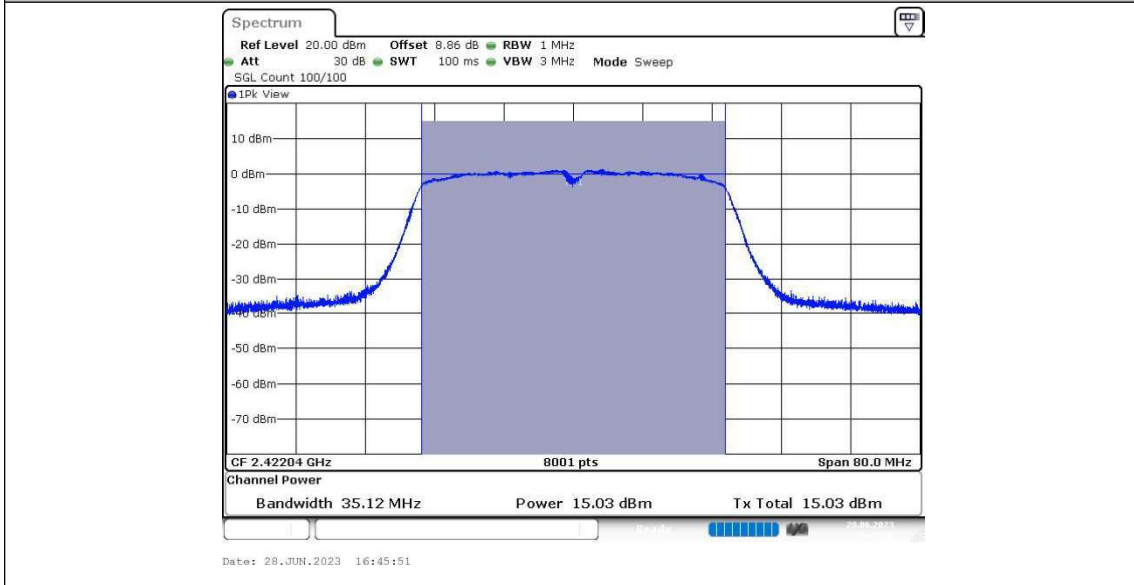
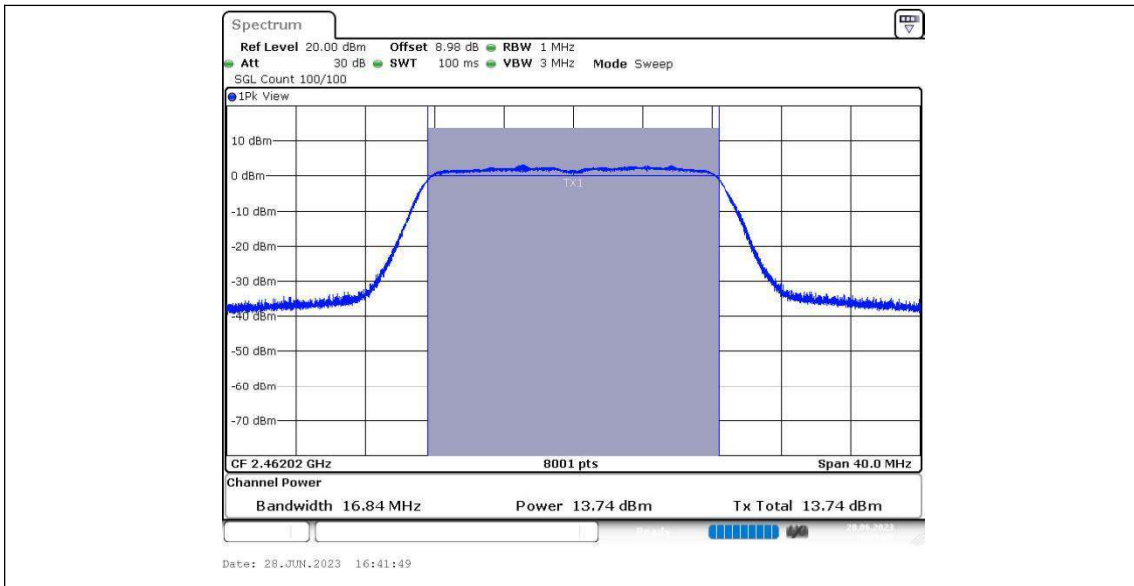


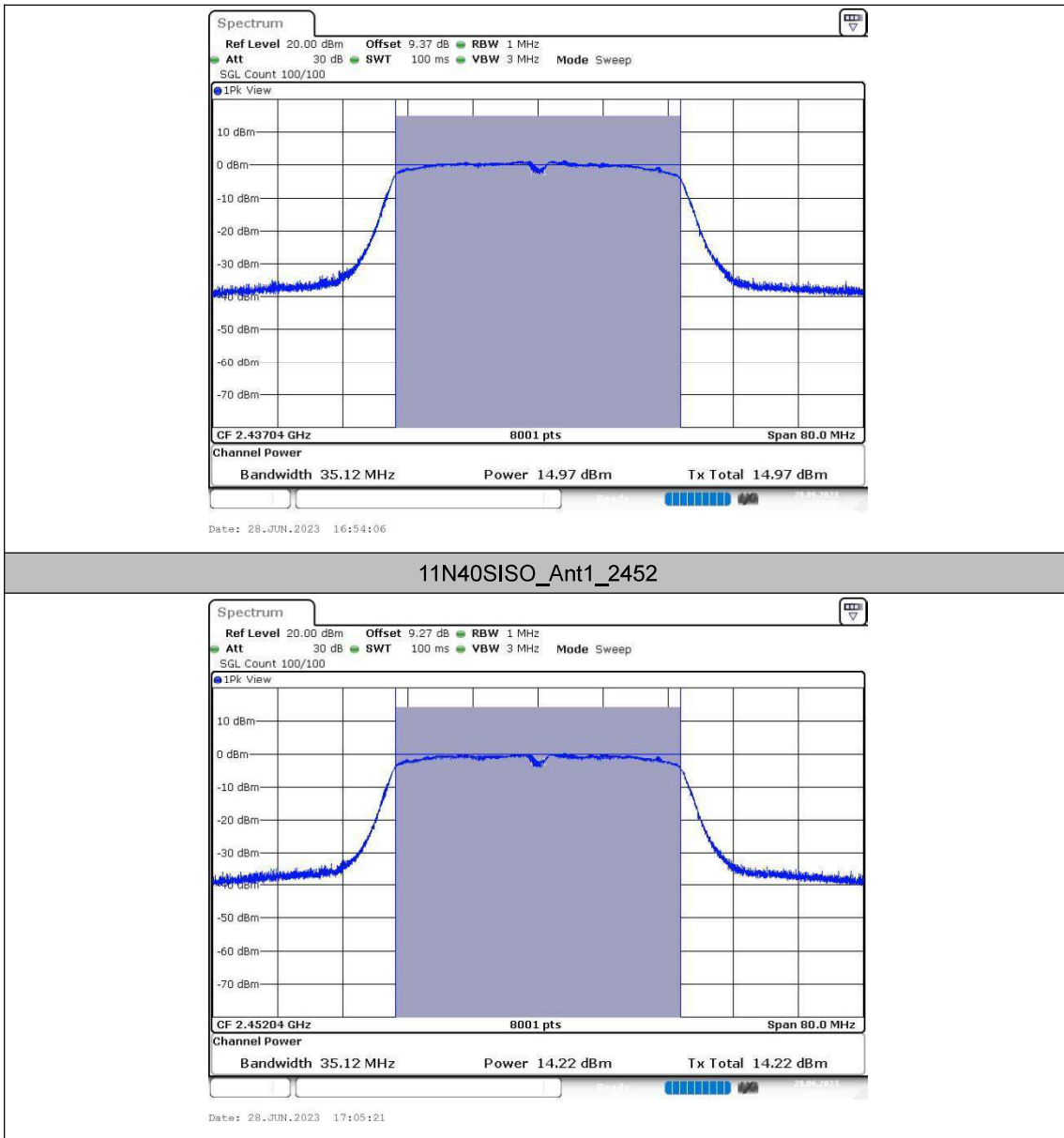
11G\_Ant1\_2462



11N20SISO\_Ant1\_2412









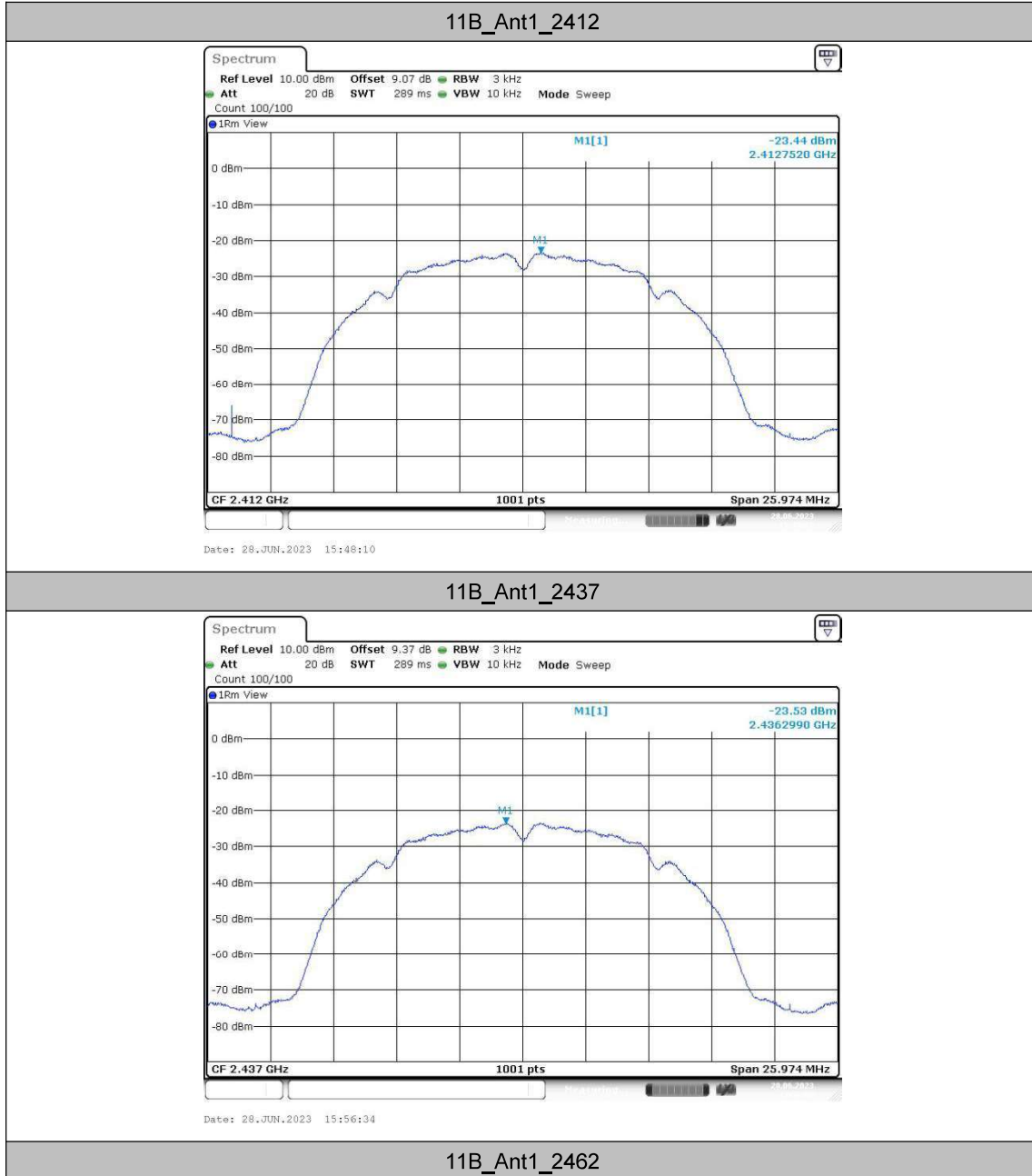
## Appendix D: Power Spectral Density

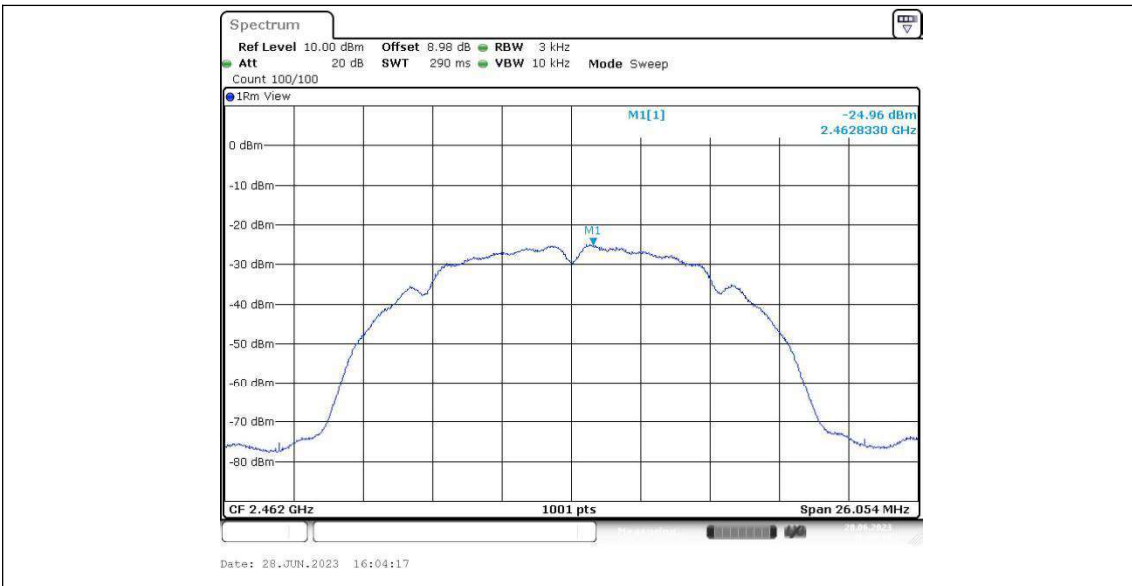
### Test Result

TestMode	Antenna	Frequency[MHz]	Result[dBm/3kHz]	Limit[dBm/3kHz]	Verdict
11B	Ant1	2412	-23.44	≤8.00	PASS
		2437	-23.53	≤8.00	PASS
		2462	-24.96	≤8.00	PASS
11G	Ant1	2412	-26.12	≤8.00	PASS
		2437	-26.03	≤8.00	PASS
		2462	-27.31	≤8.00	PASS
11N20SISO	Ant1	2412	-26.84	≤8.00	PASS
		2437	-27.08	≤8.00	PASS
		2462	-28.41	≤8.00	PASS
11N40SISO	Ant1	2422	-30.43	≤8.00	PASS
		2437	-30.55	≤8.00	PASS
		2452	-31.48	≤8.00	PASS



Test Graphs



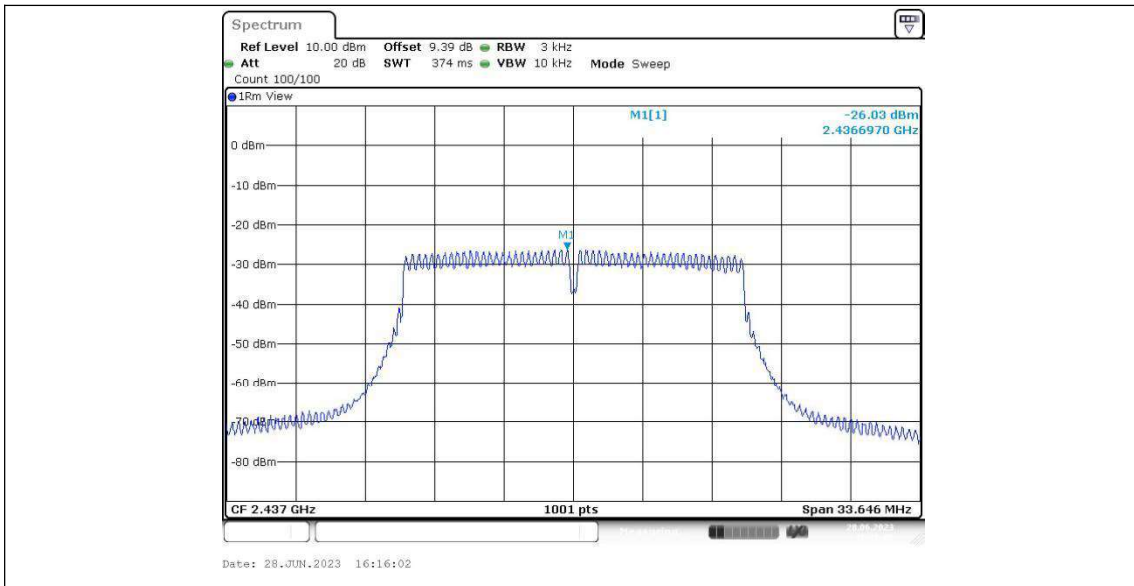


11G\_Ant1\_2412

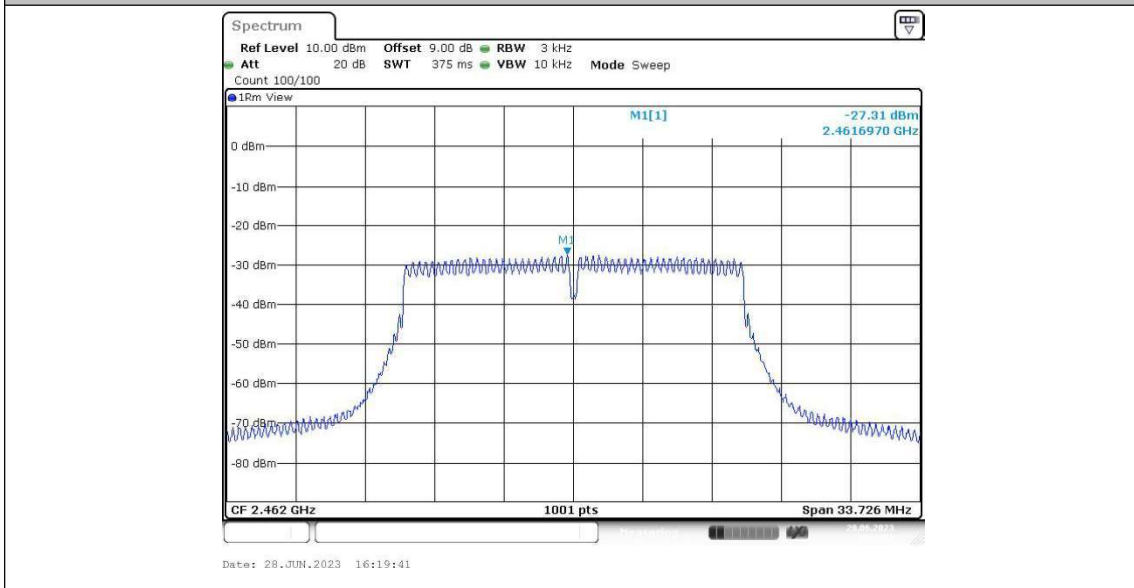


11G\_Ant1\_2437

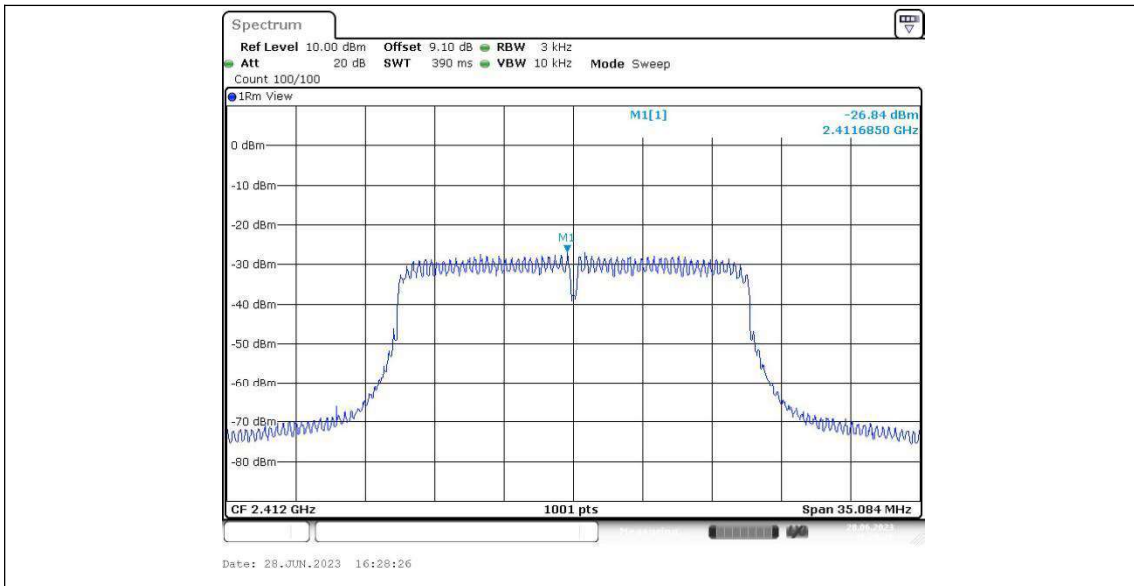




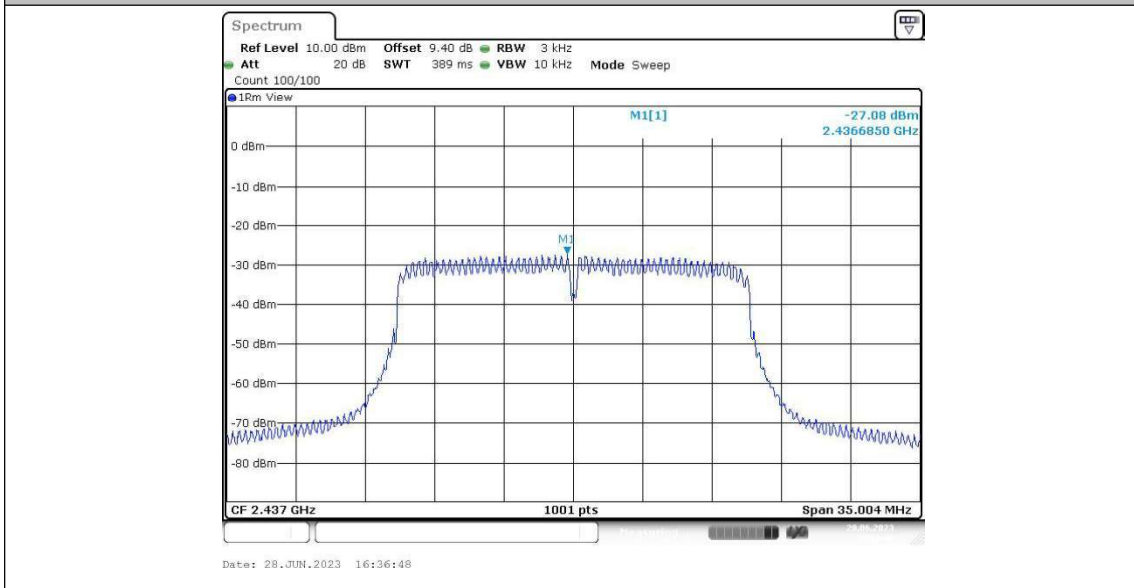
11G\_Ant1\_2462



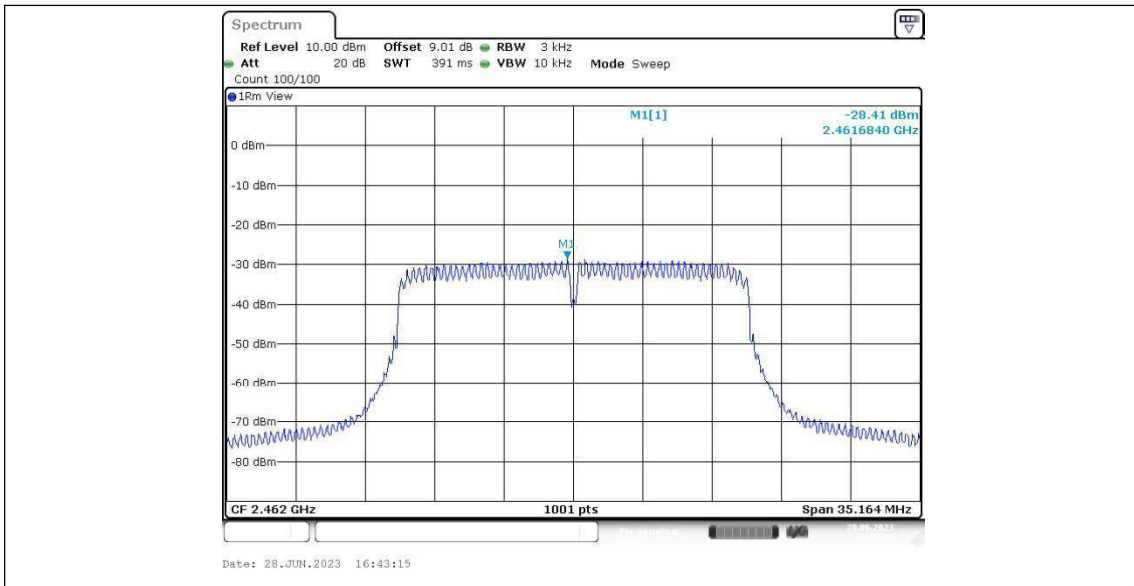
11N20SISO\_Ant1\_2412



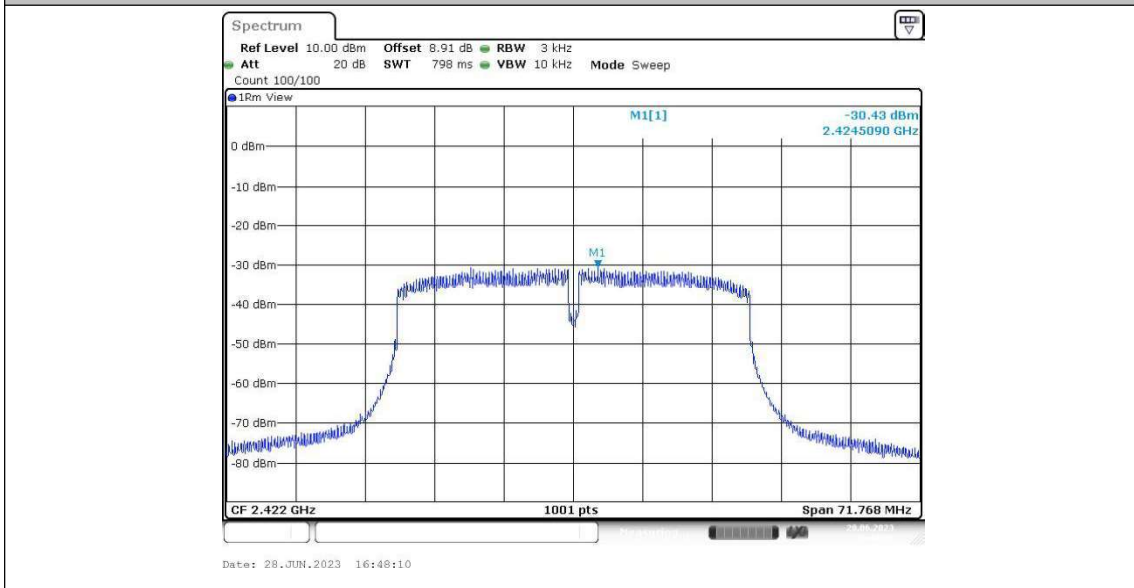
11N20SISO\_Ant1\_2437



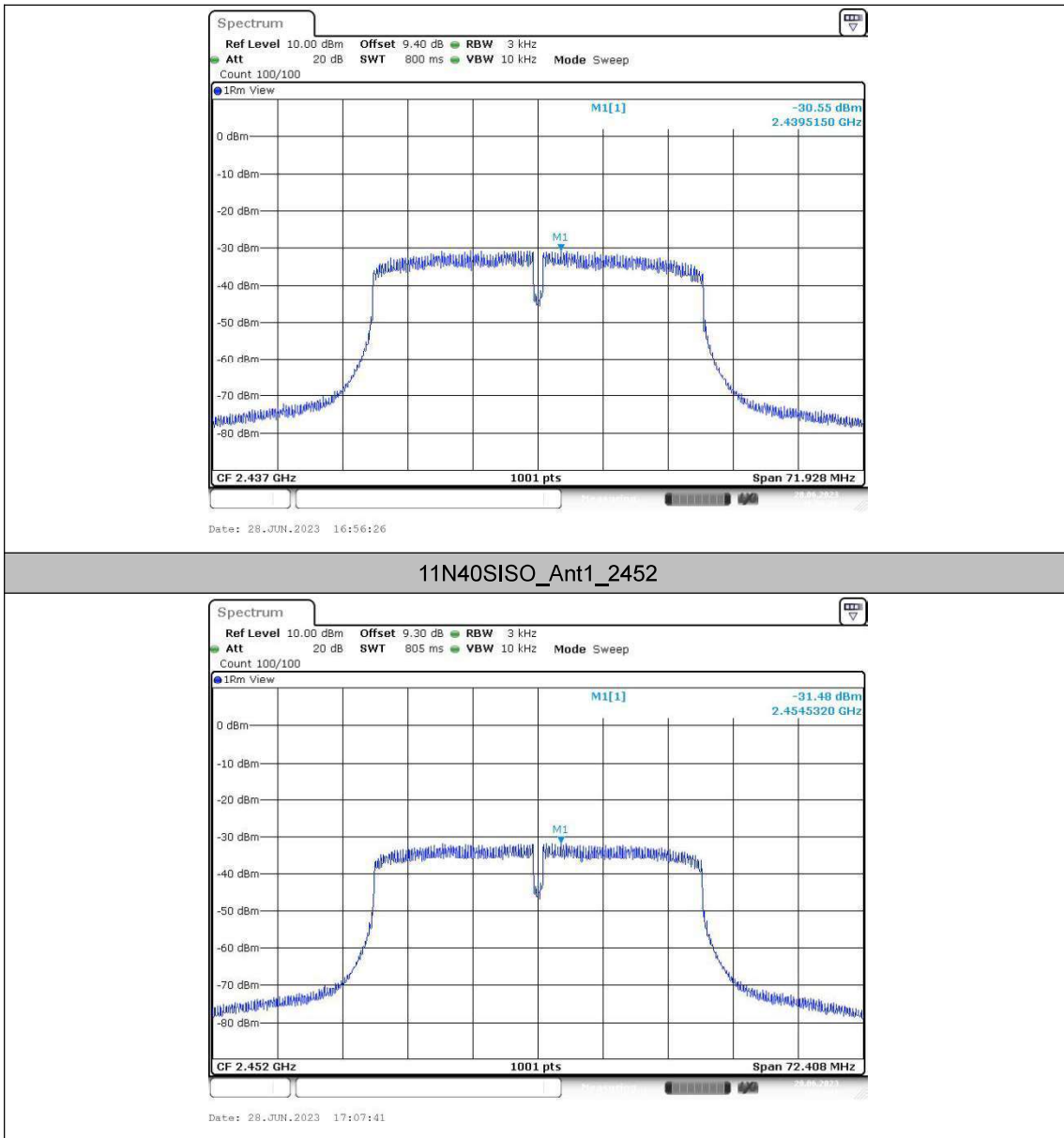
11N20SISO\_Ant1\_2462



11N40SISO\_Ant1\_2422



11N40SISO\_Ant1\_2437





## Appendix E: Reference level measurement

### Test Result

TestMode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
11B	Ant1	2412	2412.50	1.23
		2437	2438.01	0.61
		2462	2463.00	-0.81
11G	Ant1	2412	2417.01	-2.83
		2437	2439.52	-3.48
		2462	2464.52	-4.36
11N20SISO	Ant1	2412	2413.28	-3.80
		2437	2438.27	-4.34
		2462	2467.01	-4.94
11N40SISO	Ant1	2422	2425.81	-6.58
		2437	2440.81	-6.61
		2452	2455.74	-7.82



Test Graphs

