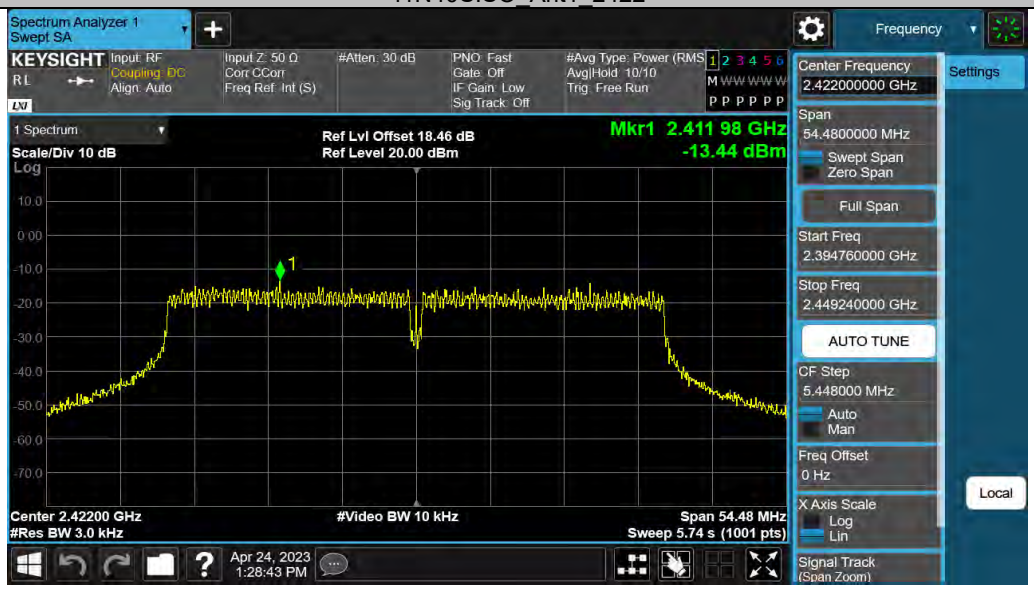
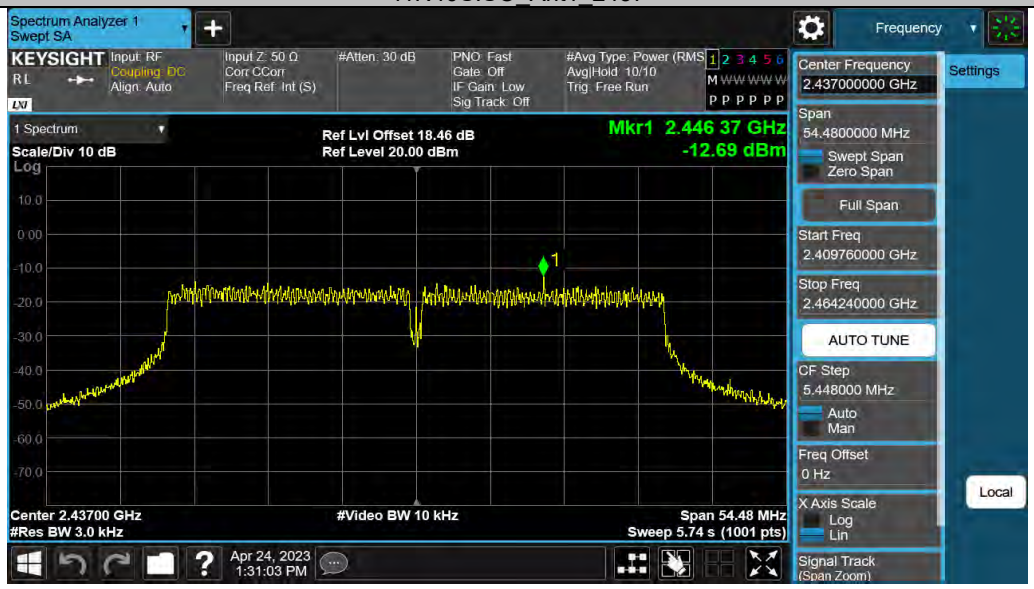
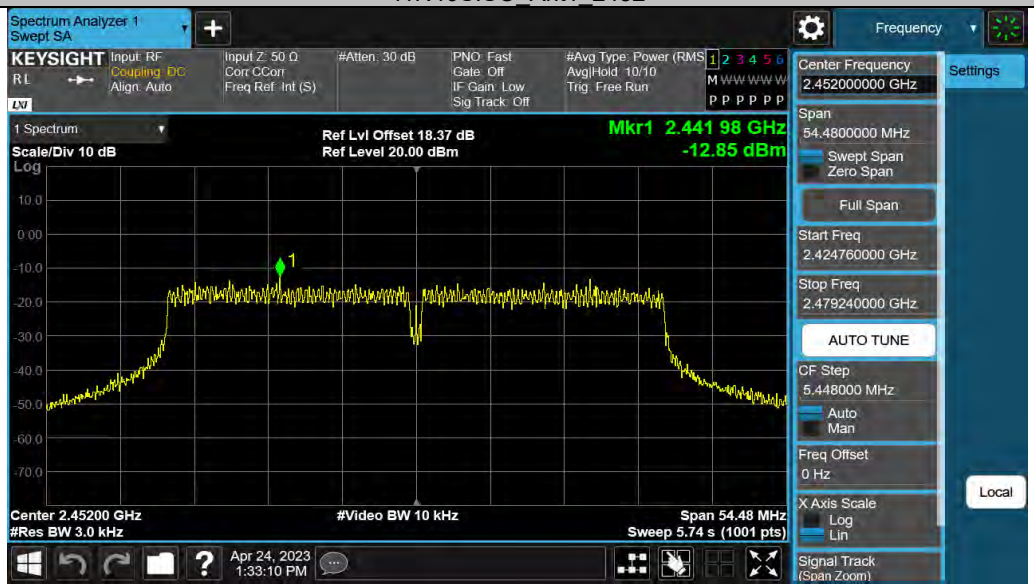
11N40SISO_Ant1_2422



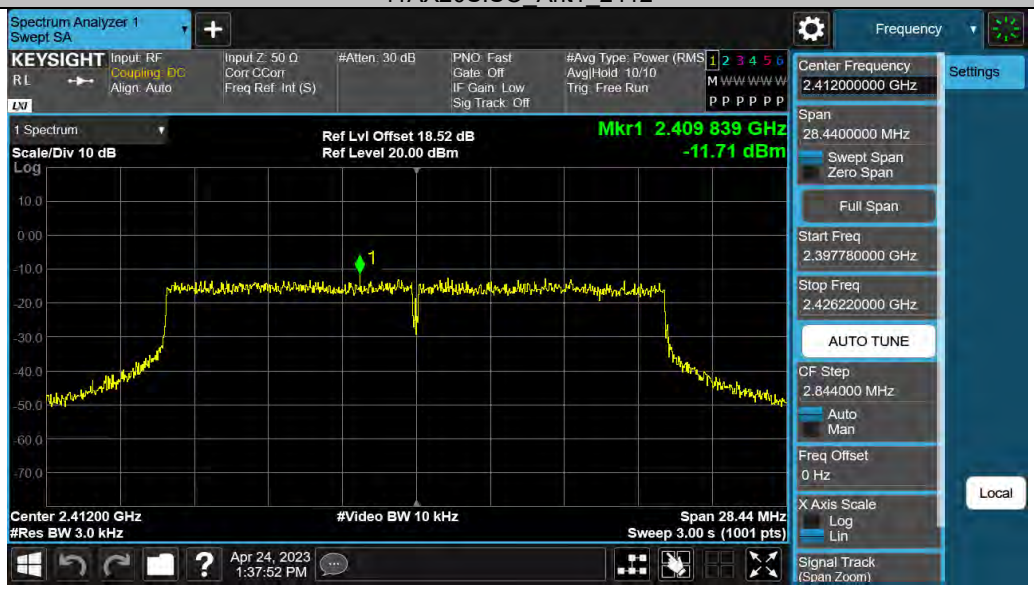
11N40SISO_Ant1_2437



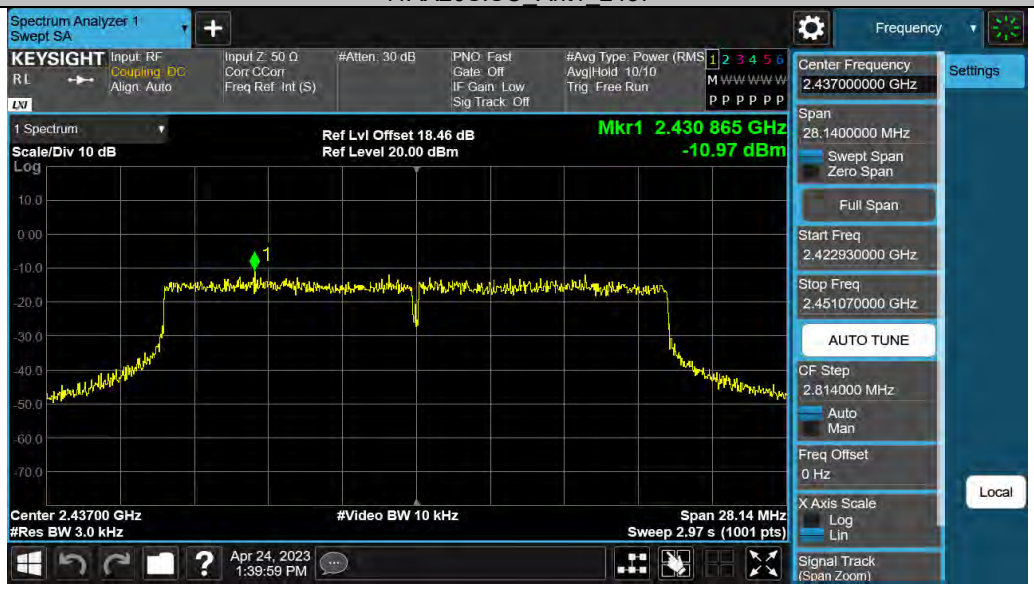
11N40SISO_Ant1_2452



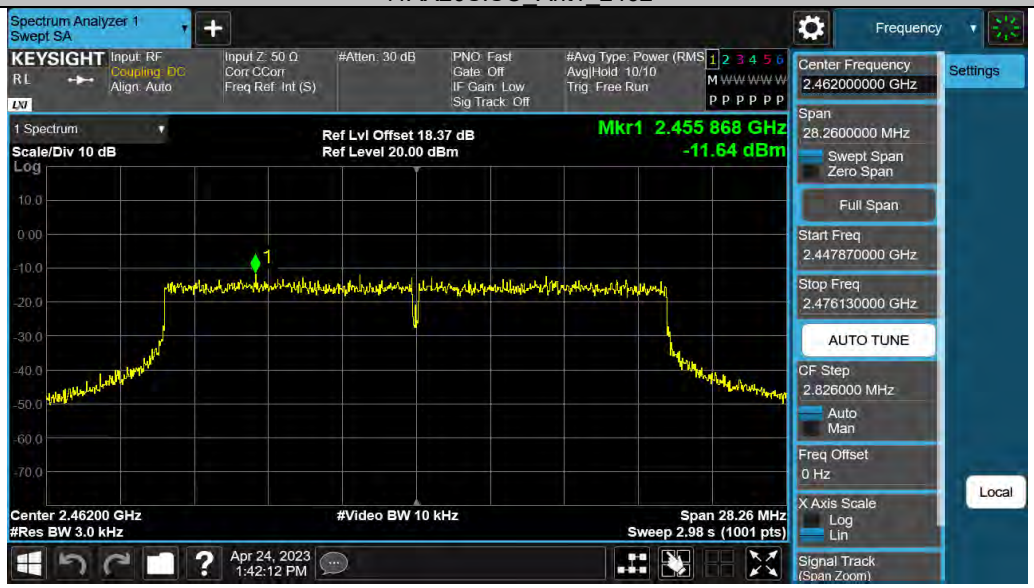
11AX20SISO_Ant1_2412



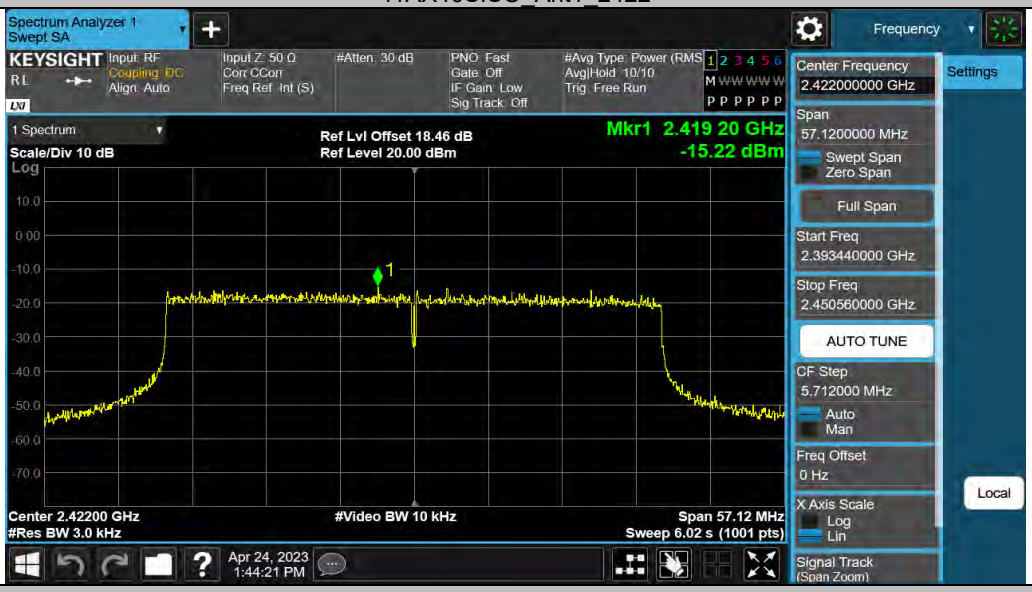
11AX20SISO_Ant1_2437



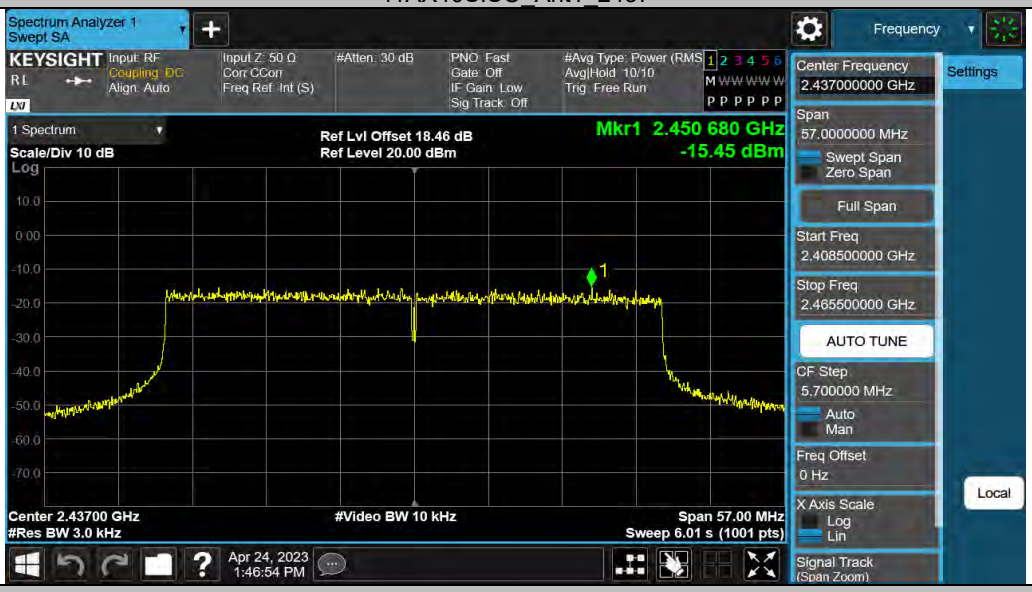
11AX20SISO_Ant1_2462



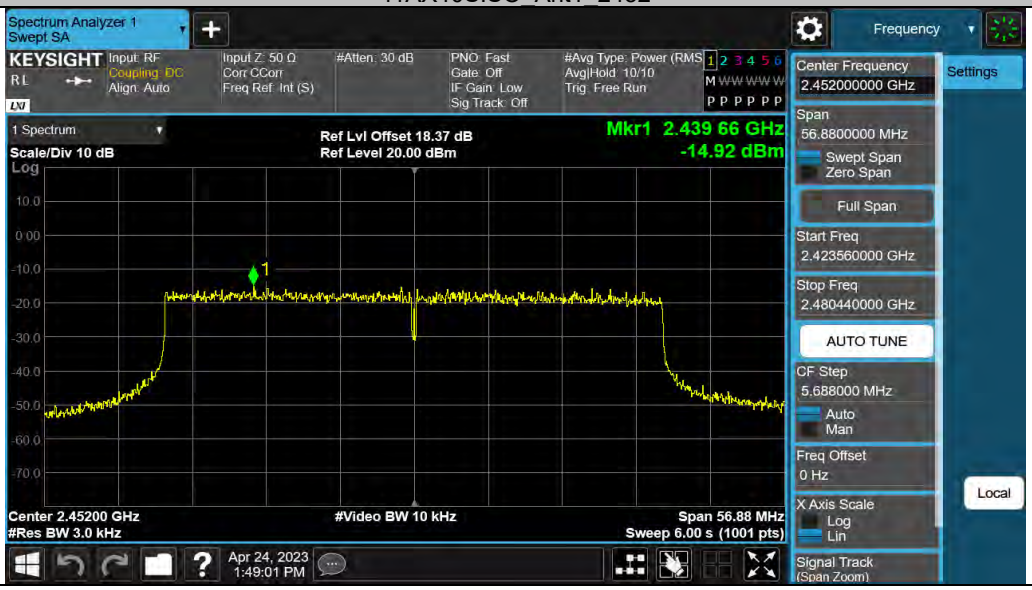
11AX40SISO_Ant1_2422



11AX40SISO_Ant1_2437



11AX40SISO_Ant1_2452



Appendix E: Reference level measurement

Test Result

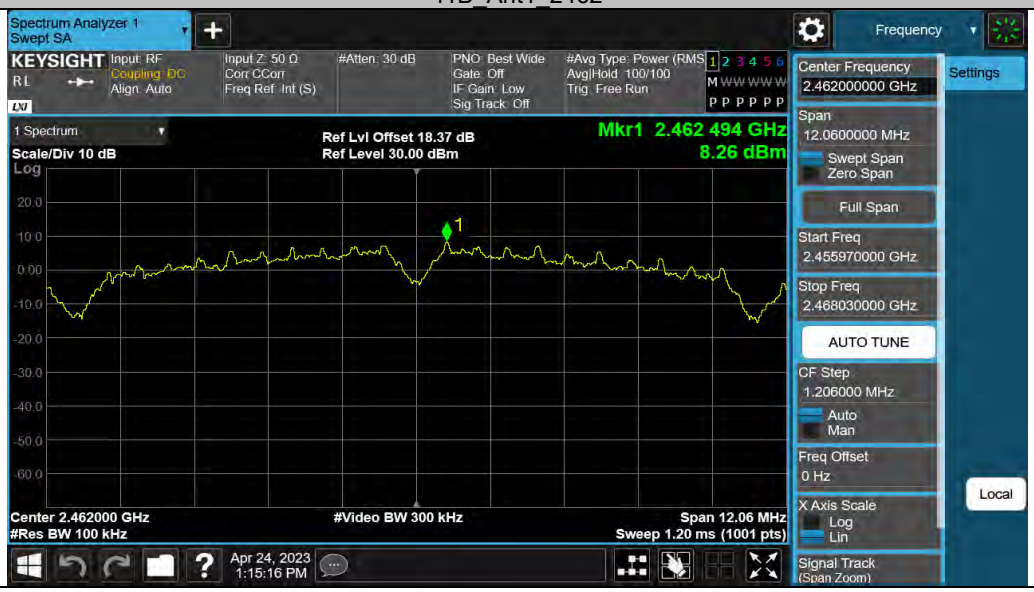
Test Mode	Antenna	Freq (MHz)	Max.Point [MHz]	Result [dBm]
11B	Ant1	2412	2412.50	8.44
		2437	2437.99	8.20
		2462	2462.49	8.26
11G	Ant1	2412	2406.96	2.43
		2437	2432.01	2.74
		2462	2463.25	2.50
11N20SISO	Ant1	2412	2407.00	2.89
		2437	2444.48	2.11
		2462	2455.75	2.68
11N40SISO	Ant1	2422	2419.49	-0.94
		2437	2428.23	-0.33
		2452	2443.23	-0.12
11AX20SISO	Ant1	2412	2413.22	2.47
		2437	2443.25	2.38
		2462	2456.97	2.98
11AX40SISO	Ant1	2422	2413.26	-0.57
		2437	2423.26	-0.61
		2452	2435.73	-0.22

Test Graphs

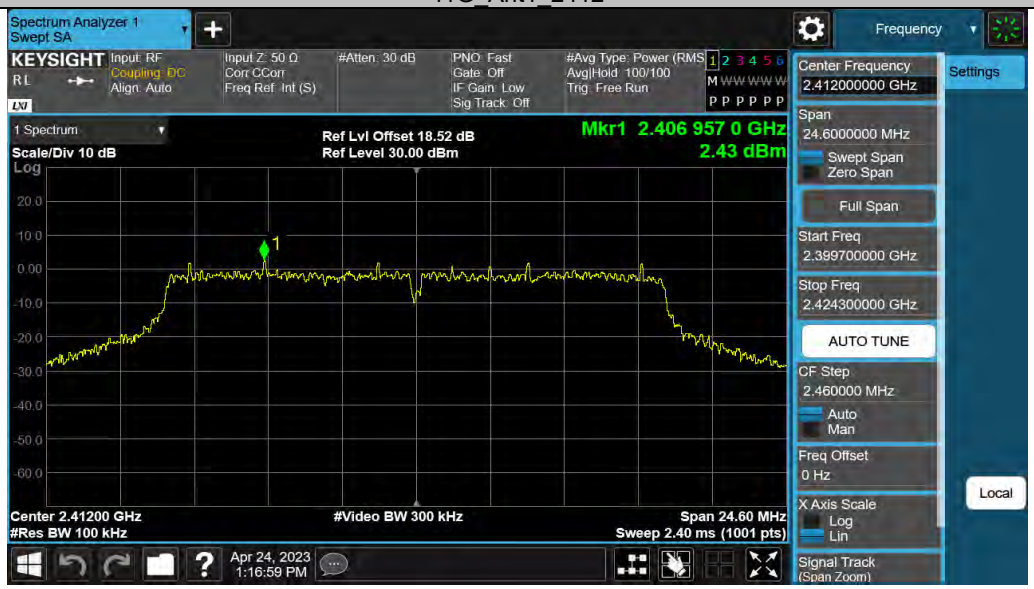
11B_Ant1_2412

11B_Ant1_2437

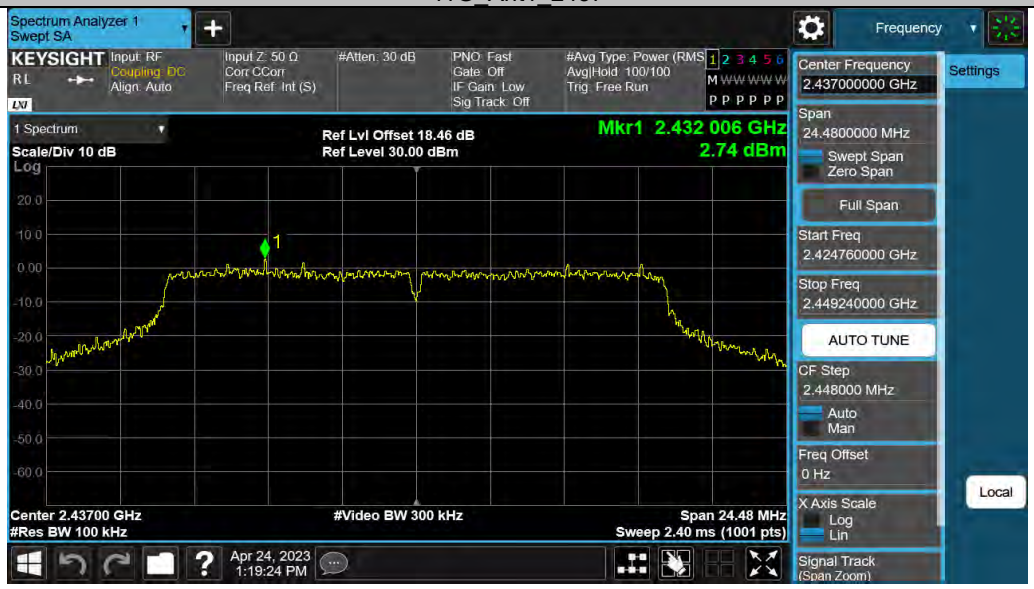
11B_Ant1_2462



11G_Ant1_2412



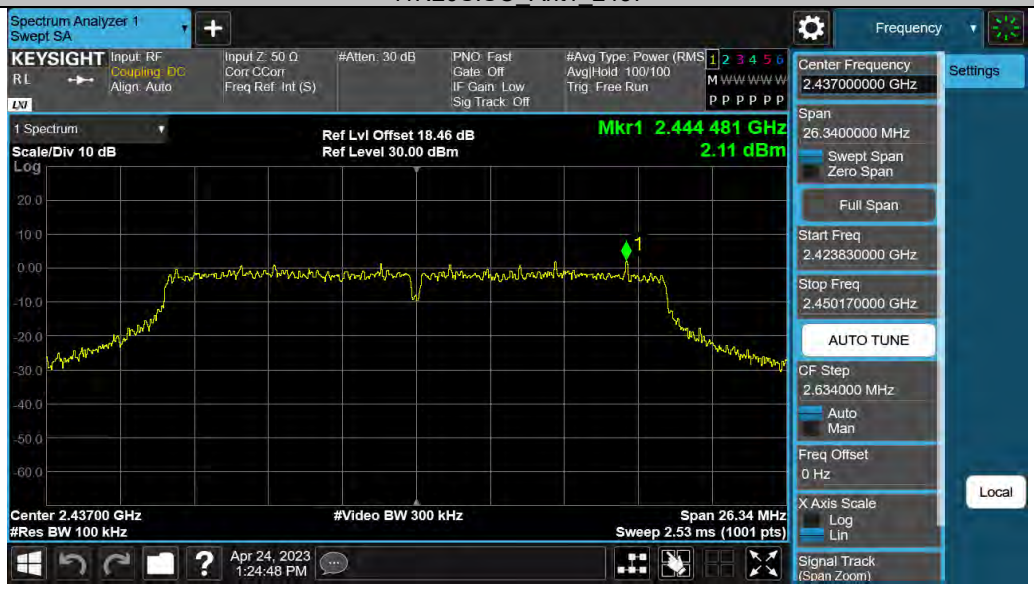
11G_Ant1_2437



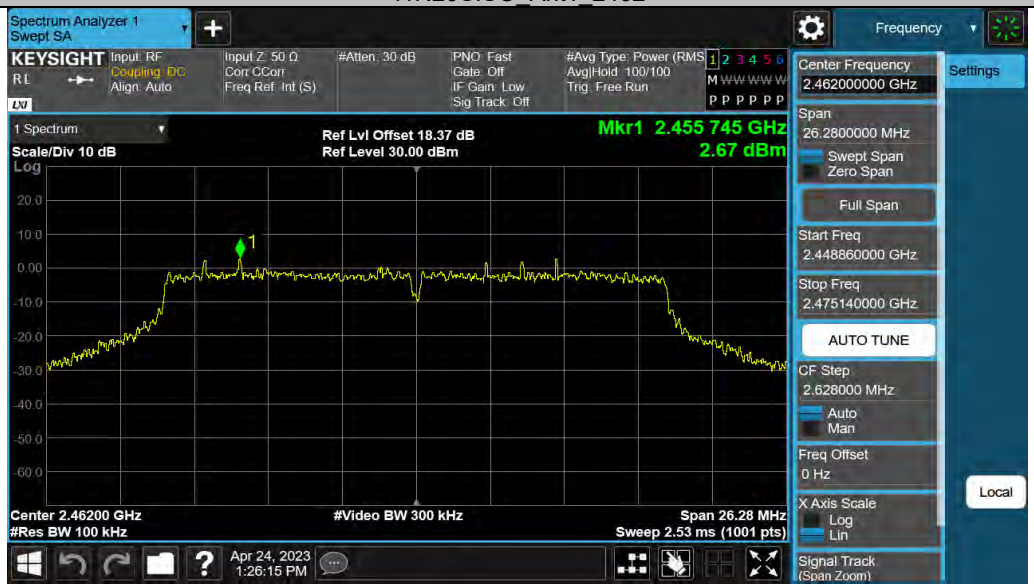
11G_Ant1_2462

11N20SISO_Ant1_2412

11N20SISO_Ant1_2437



11N20SISO_Ant1_2462



11N40SISO_Ant1_2422

11N40SISO_Ant1_2437

11N40SISO_Ant1_2452

11AX20SISO_Ant1_2412

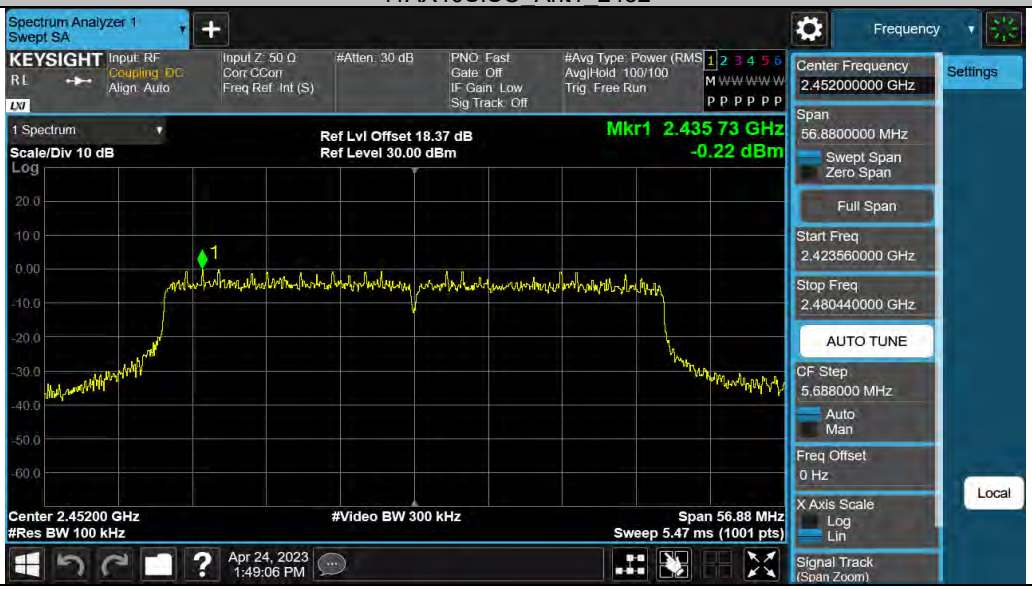
11AX20SISO_Ant1_2437

11AX20SISO_Ant1_2462

11AX40SISO_Ant1_2422

11AX40SISO_Ant1_2437

11AX40SISO_Ant1_2452



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	8.44	-37.12	≤-11.56	PASS
		High	2462	8.26	-40.3	≤-11.74	PASS
11G	Ant1	Low	2412	2.43	-26.01	≤-17.57	PASS
		High	2462	2.50	-39.48	≤-17.5	PASS
11N20SISO	Ant1	Low	2412	2.89	-23.76	≤-17.11	PASS
		High	2462	2.68	-37.84	≤-17.32	PASS
11N40SISO	Ant1	Low	2422	-0.94	-28.57	≤-20.94	PASS
		High	2452	-0.12	-32.54	≤-20.12	PASS
11AX20SISO	Ant1	Low	2412	2.47	-25.61	≤-17.53	PASS
		High	2462	2.98	-36.82	≤-17.02	PASS
11AX40SISO	Ant1	Low	2422	-0.57	-28.91	≤-20.57	PASS
		High	2452	-0.22	-31.46	≤-20.22	PASS

Test Graphs

11B_Ant1_Low_2412

11B_Ant1_High_2462

11G_Ant1_Low_2412

11G_Ant1_High_2462

11N20SISO_Ant1_Low_2412

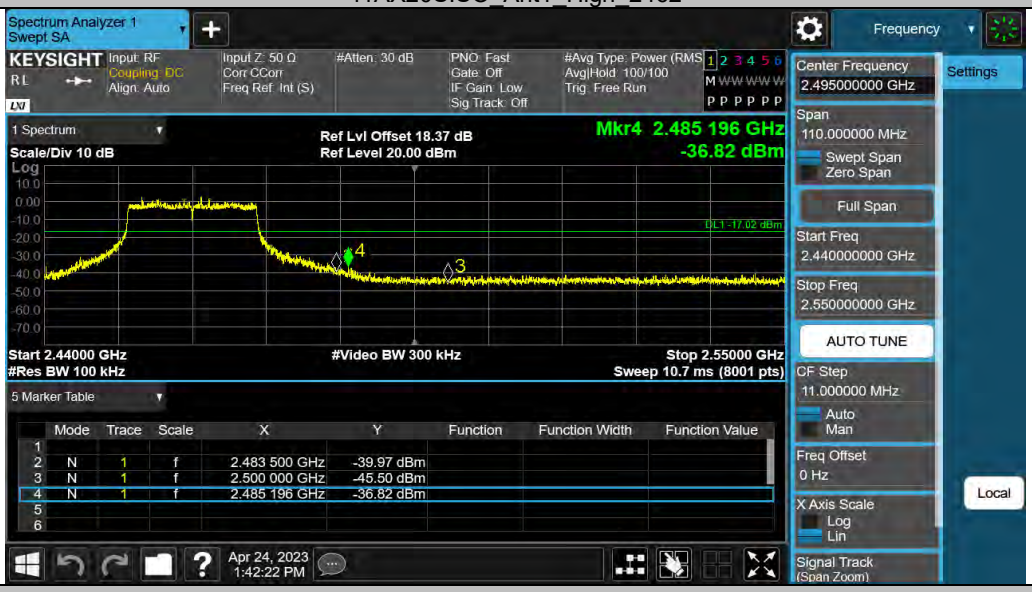
11N20SISO_Ant1_High_2462

11N40SISO_Ant1_Low_2422

11N40SISO_Ant1_High_2452

11AX20SISO_Ant1_Low_2412

11AX20SISO_Ant1_High_2462



11AX40SISO_Ant1_Low_2422

11AX40SISO_Ant1_High_2452

Appendix G: Conducted Spurious Emission

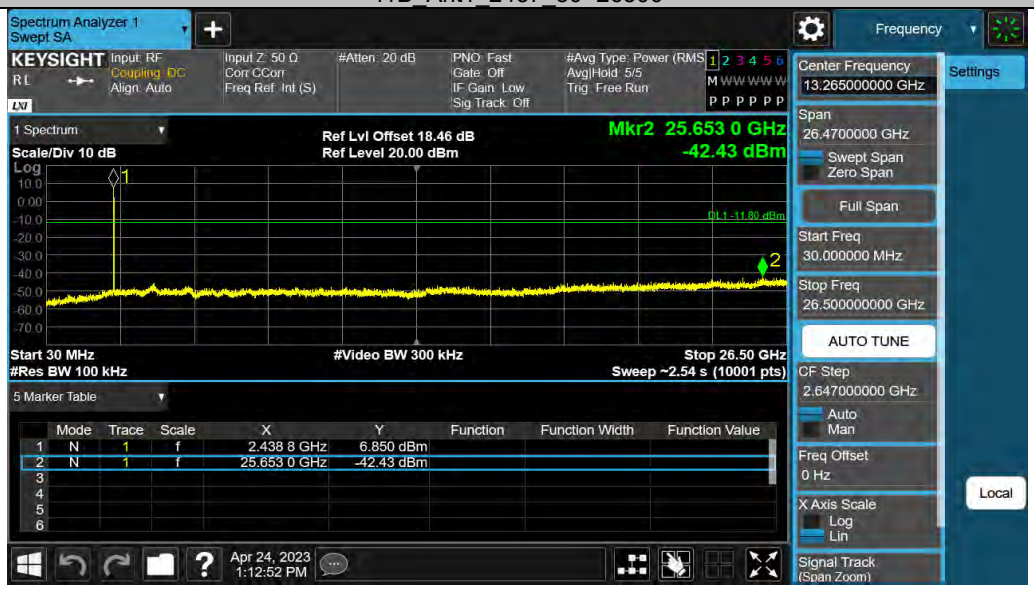
Test Result

Test Mode	Antenna	Frequency [MHz]	Freq Range [MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	30~26500	8.44	-42.8	≤-11.56	PASS
		2437	30~26500	8.20	-42.44	≤-11.8	PASS
		2462	30~26500	8.26	-42.71	≤-11.74	PASS
11G	Ant1	2412	30~26500	2.43	-42.91	≤-17.57	PASS
		2437	30~26500	2.74	-42.77	≤-17.26	PASS
		2462	30~26500	2.50	-41.79	≤-17.5	PASS
11N20SISO	Ant1	2412	30~26500	2.89	-42.76	≤-17.11	PASS
		2437	30~26500	2.11	-42.96	≤-17.89	PASS
		2462	30~26500	2.68	-43.12	≤-17.32	PASS
11N40SISO	Ant1	2422	30~26500	-0.94	-42.88	≤-20.94	PASS
		2437	30~26500	-0.33	-42.73	≤-20.33	PASS
		2452	30~26500	-0.12	-42.65	≤-20.12	PASS
11AX20SISO	Ant1	2412	30~26500	2.47	-42.86	≤-17.53	PASS
		2437	30~26500	2.38	-42.18	≤-17.62	PASS
		2462	30~26500	2.98	-42.2	≤-17.02	PASS
11AX40SISO	Ant1	2422	30~26500	-0.57	-42.75	≤-20.57	PASS
		2437	30~26500	-0.61	-43.04	≤-20.61	PASS
		2452	30~26500	-0.22	-42.13	≤-20.22	PASS

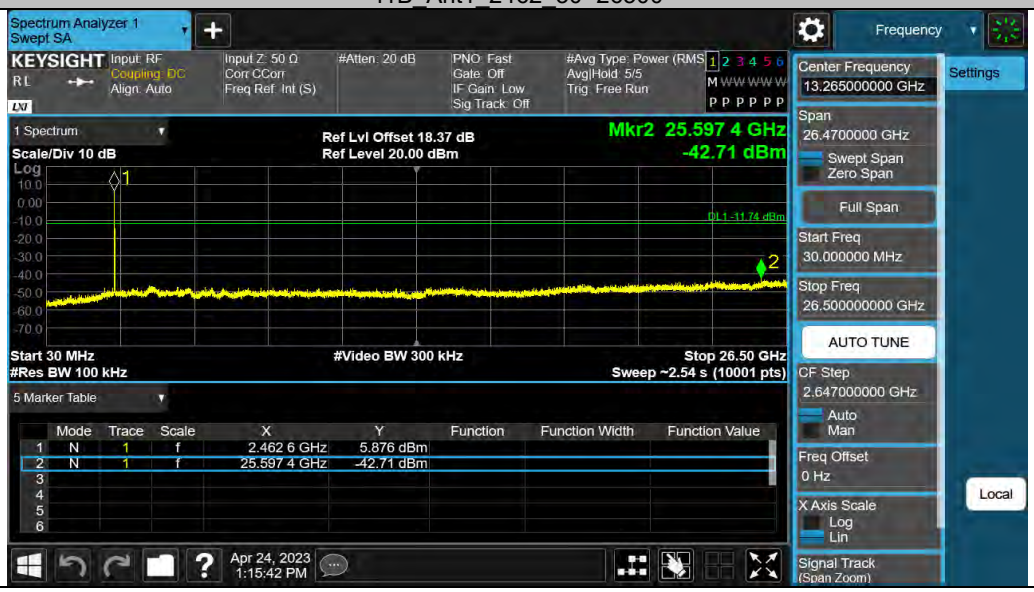
Test Graphs

11B_Ant1_2412_30~26500

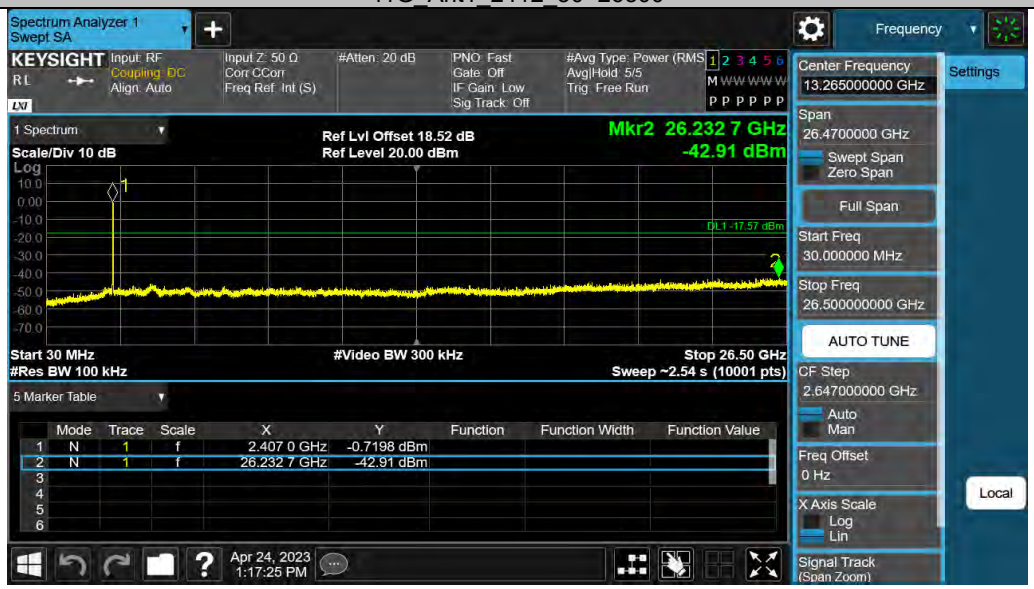
11B_Ant1_2437_30~26500



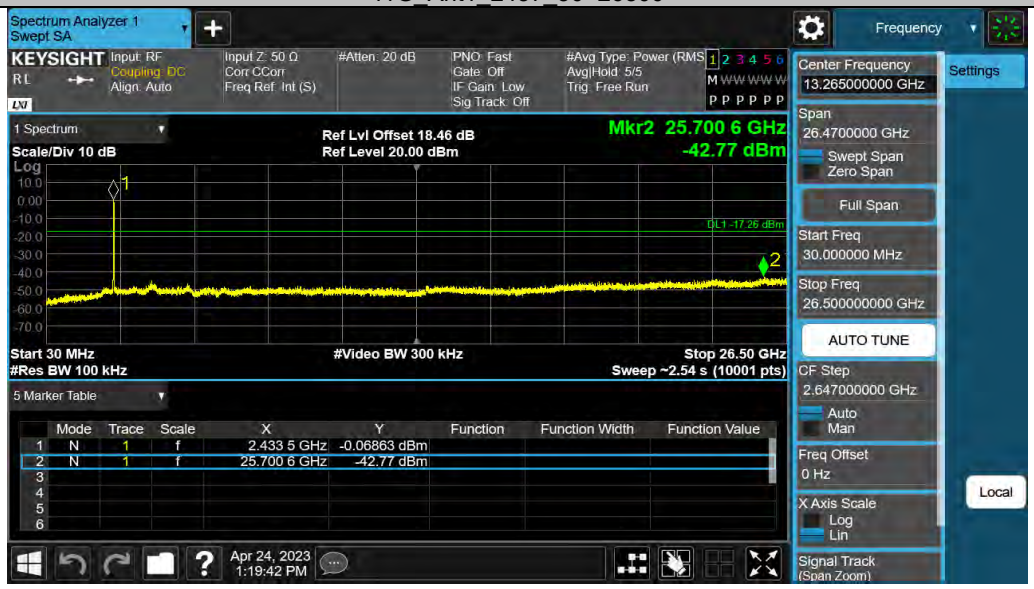
11B_Ant1_2462_30~26500



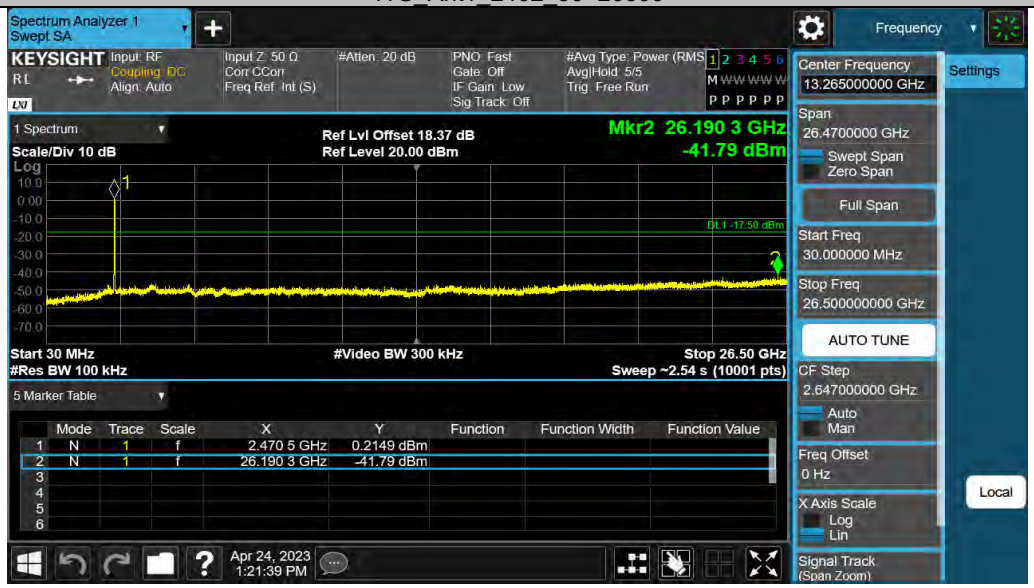
11G_Ant1_2412_30~26500



11G_Ant1_2437_30~26500

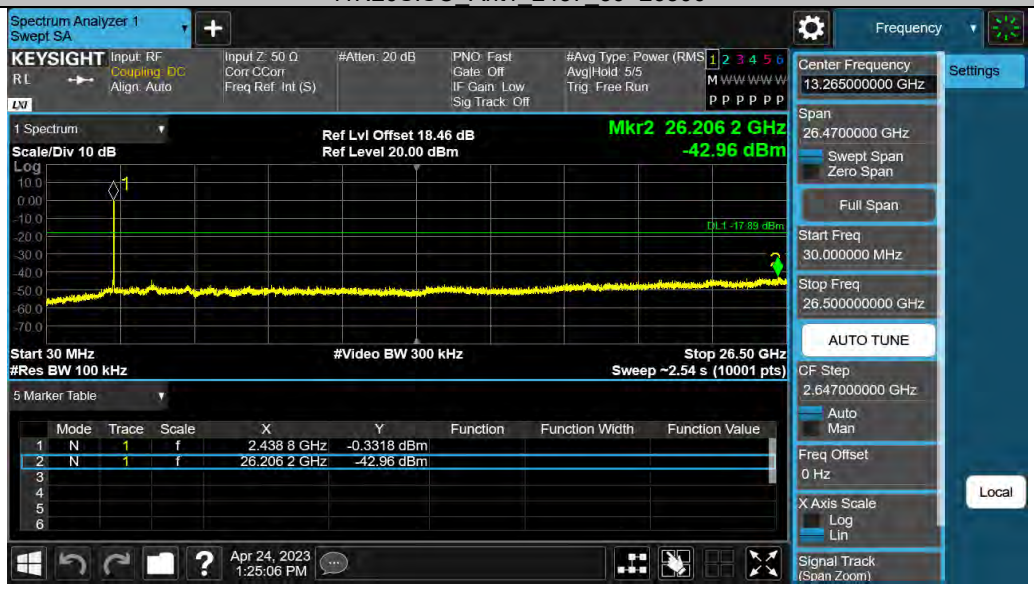


11G_Ant1_2462_30~26500

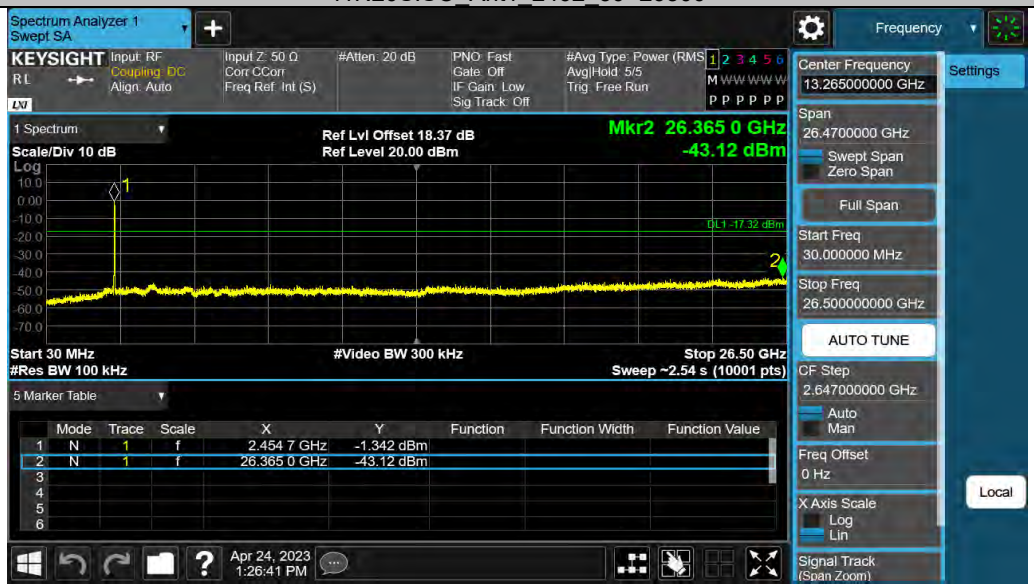


11N20SISO_Ant1_2412_30~26500

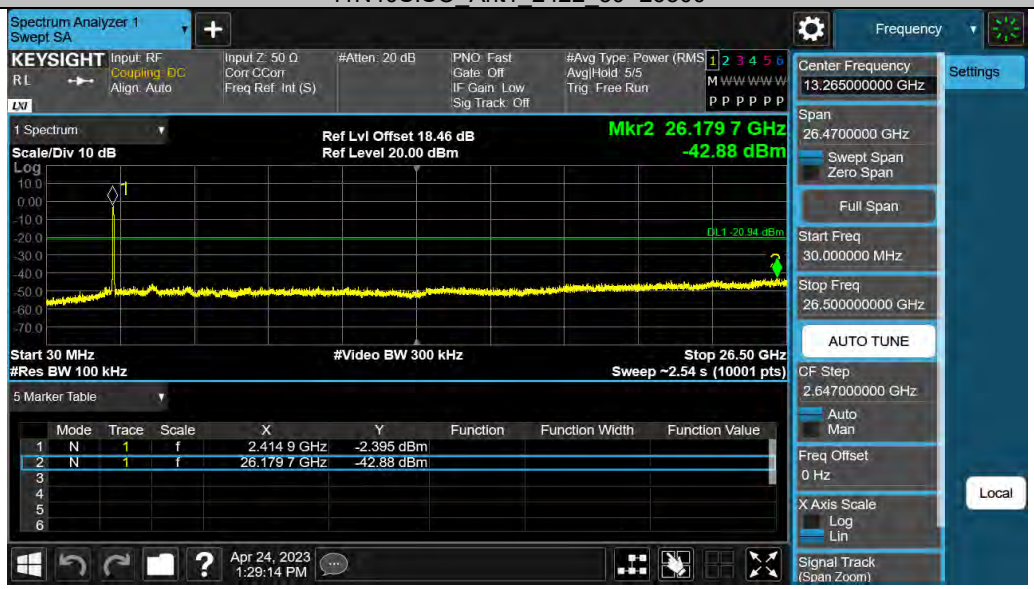
11N20SISO_Ant1_2437_30~26500



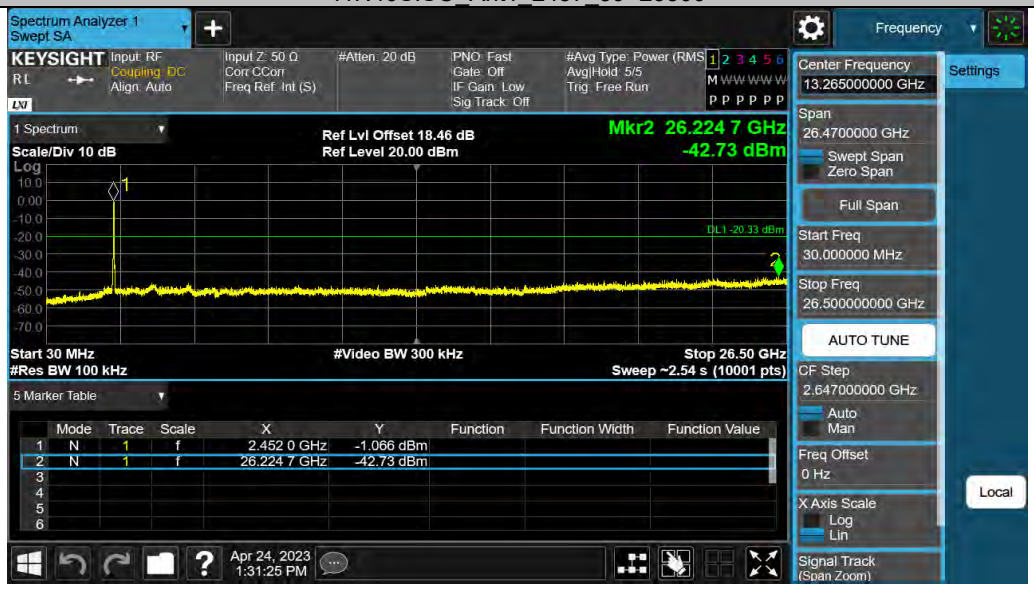
11N20SISO_Ant1_2462_30~26500



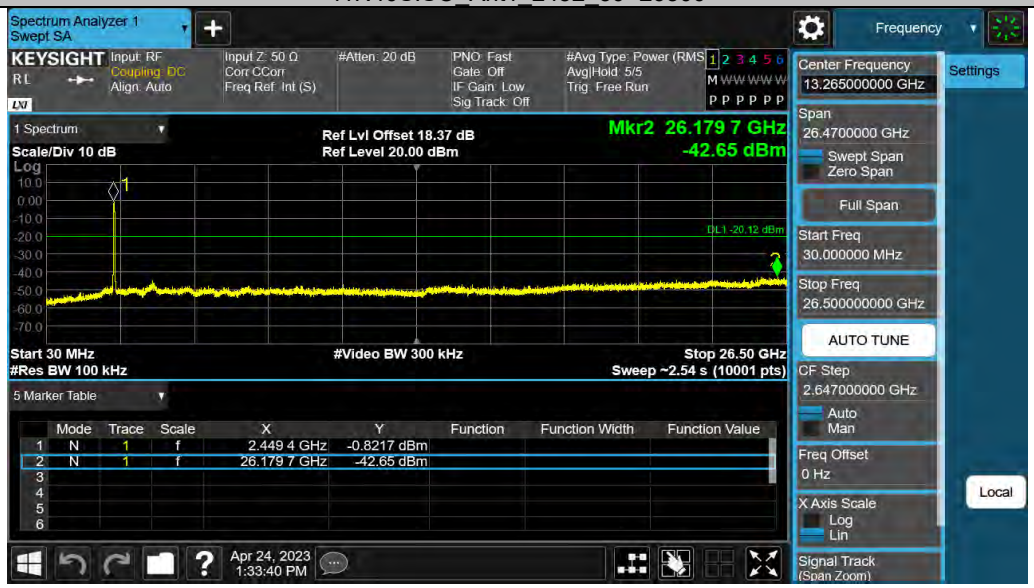
11N40SISO_Ant1_2422_30~26500



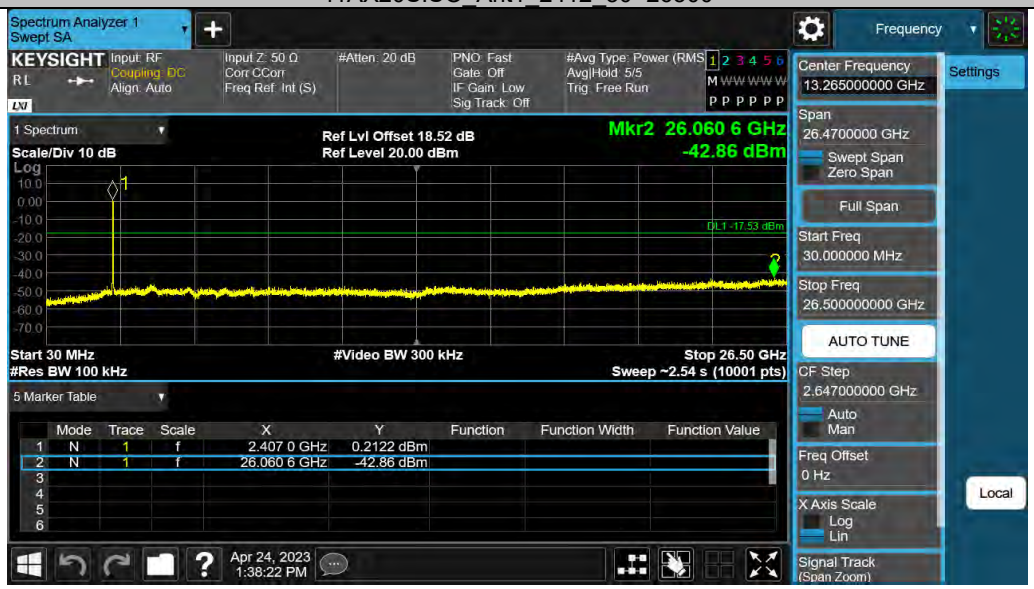
11N40SISO_Ant1_2437_30~26500



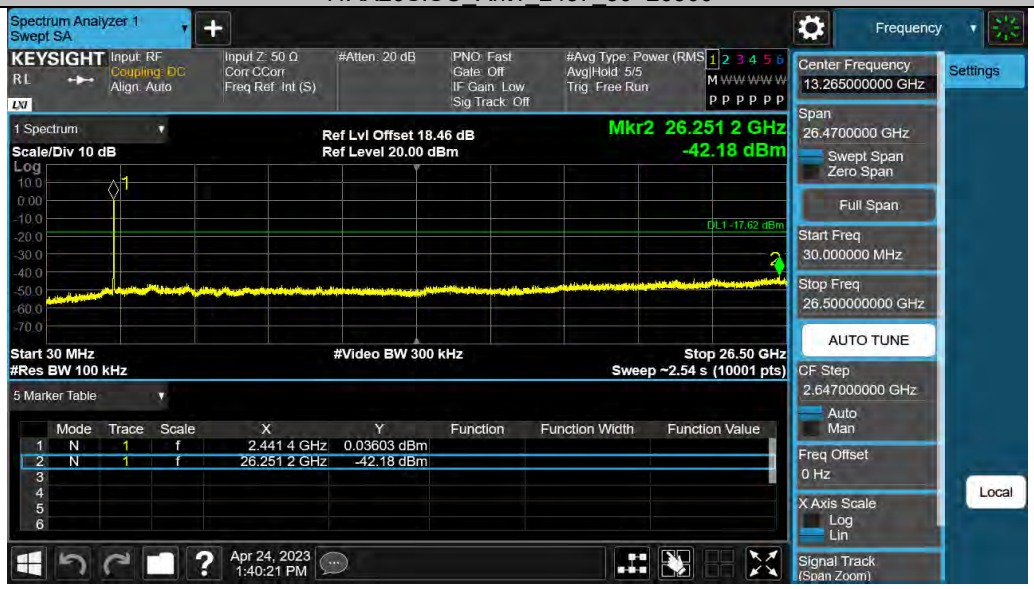
11N40SISO_Ant1_2452_30~26500



11AX20SISO_Ant1_2412_30~26500

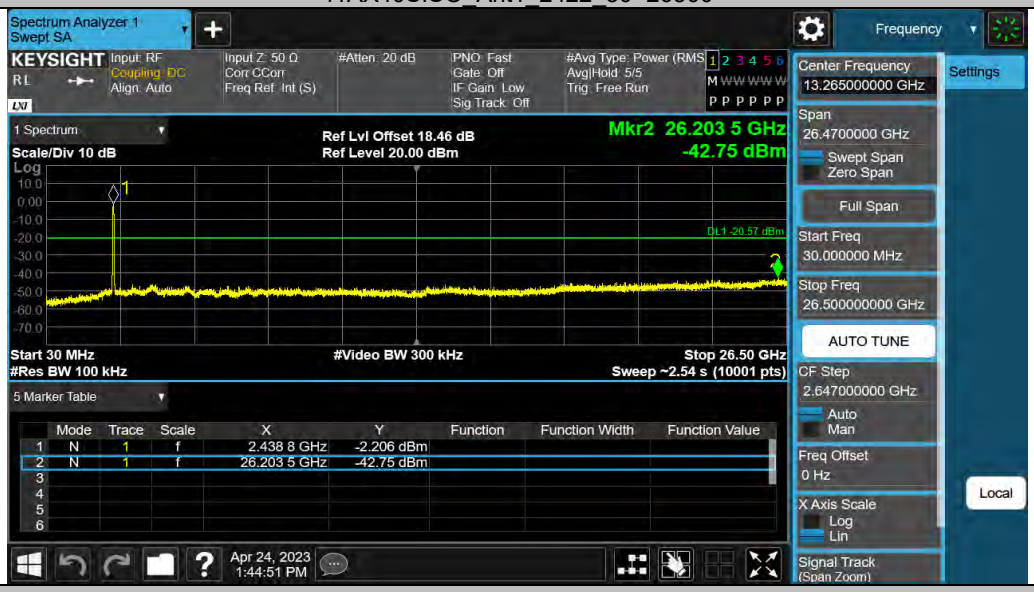


11AX20SISO_Ant1_2437_30~26500

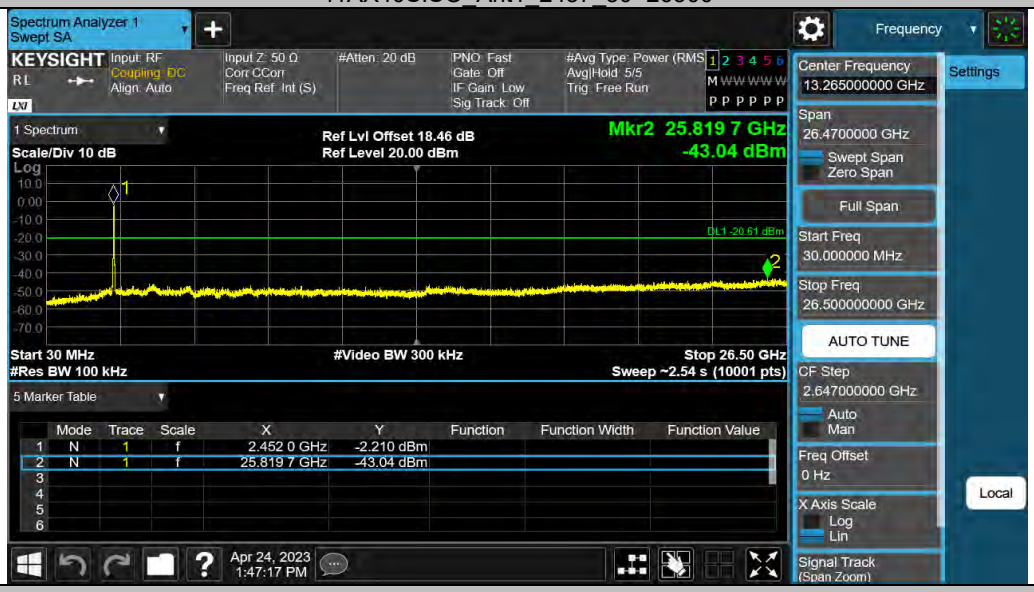


11AX20SISO_Ant1_2462_30~26500

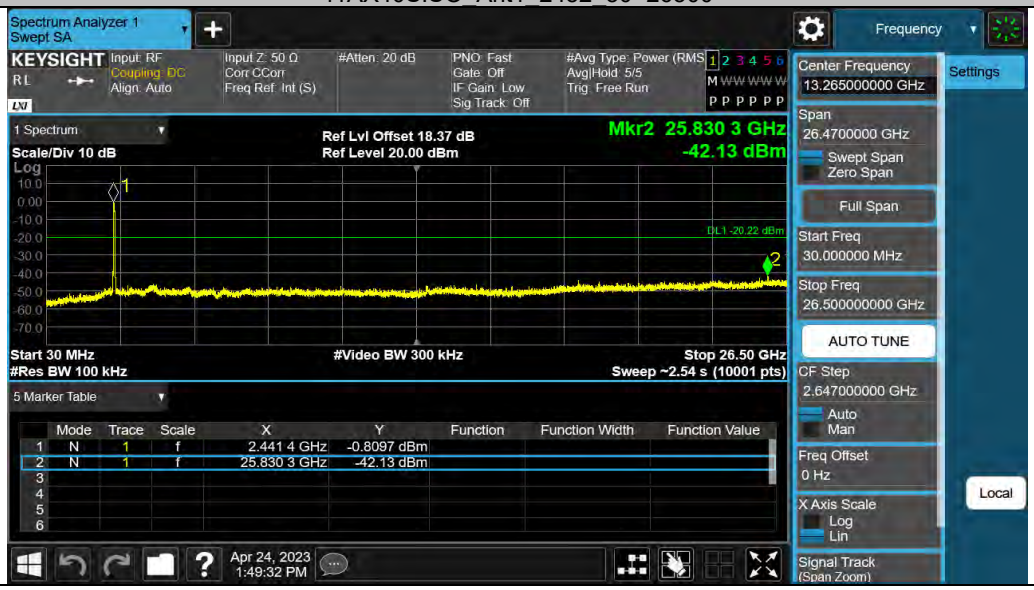
11AX40SISO_Ant1_2422_30~26500



11AX40SISO_Ant1_2437_30~26500

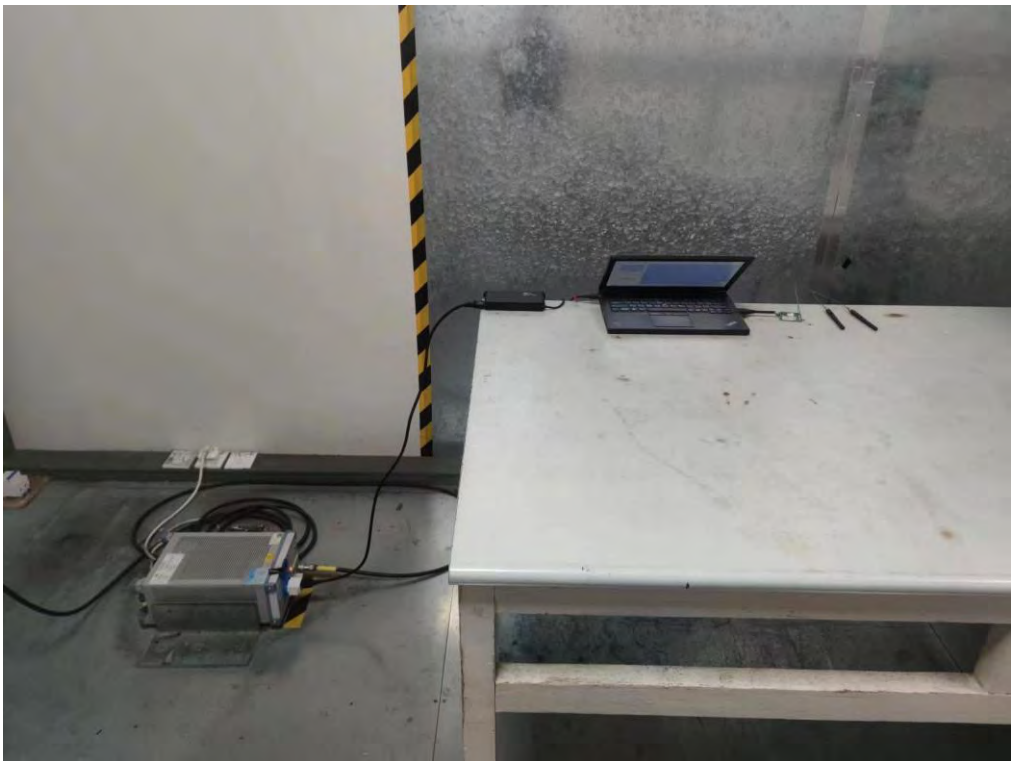


11AX40SISO_Ant1_2452_30~26500

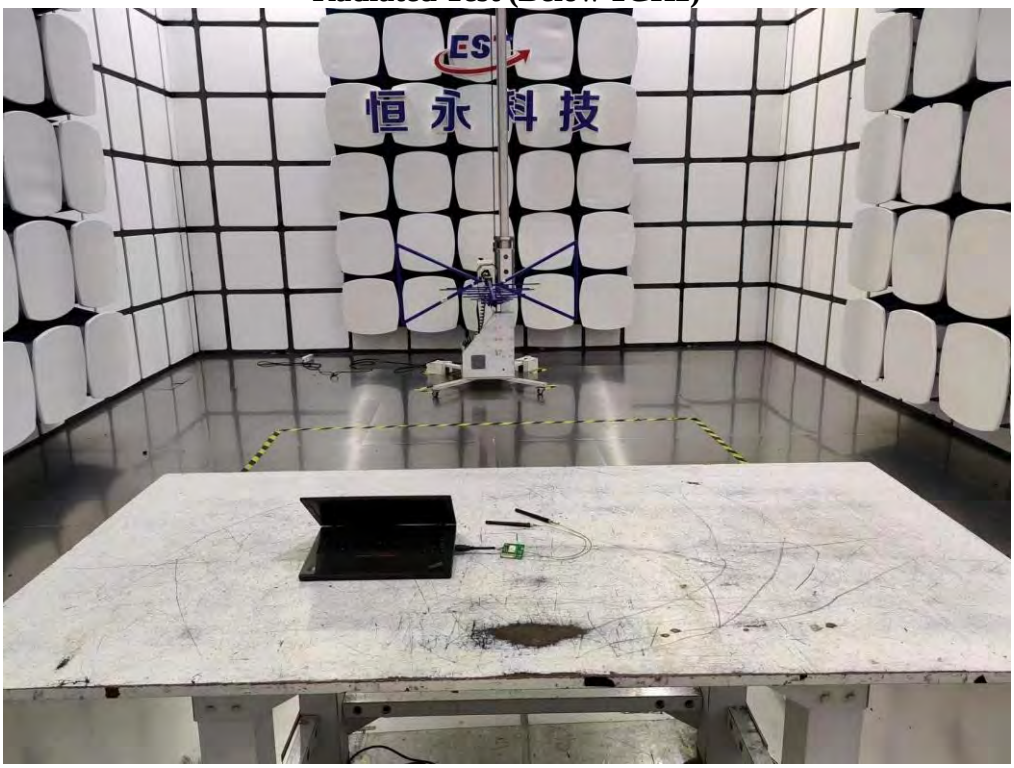


12. TEST SETUP PHOTO

Conducted Test



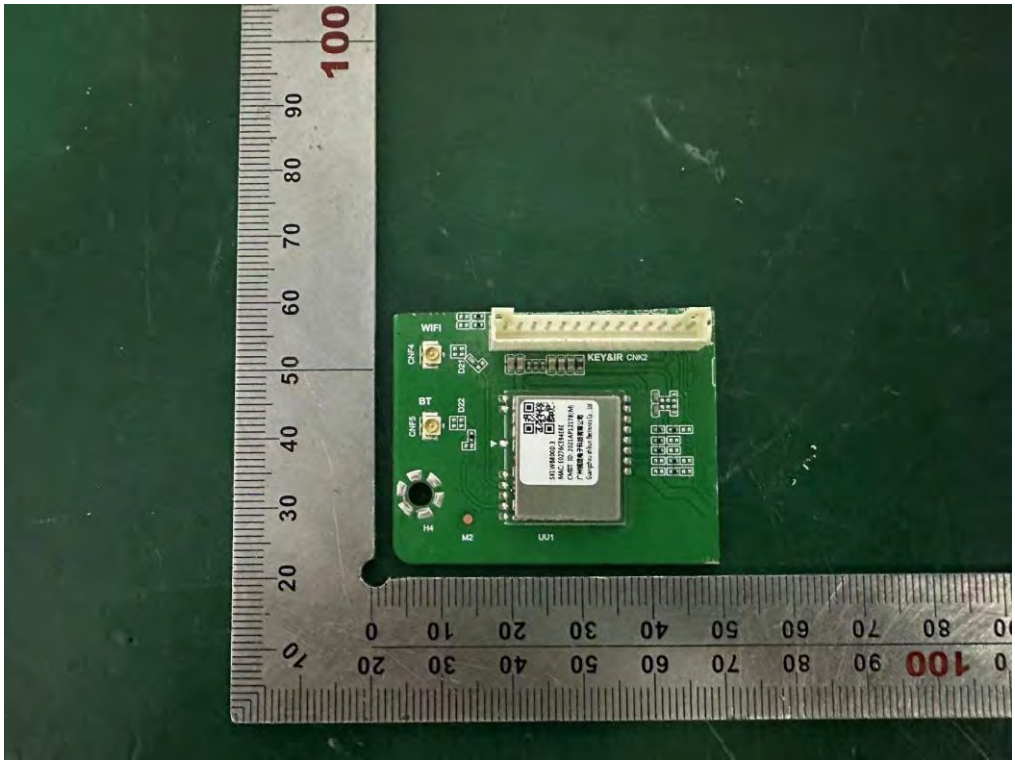
Radiated Test (Below 1GHz)

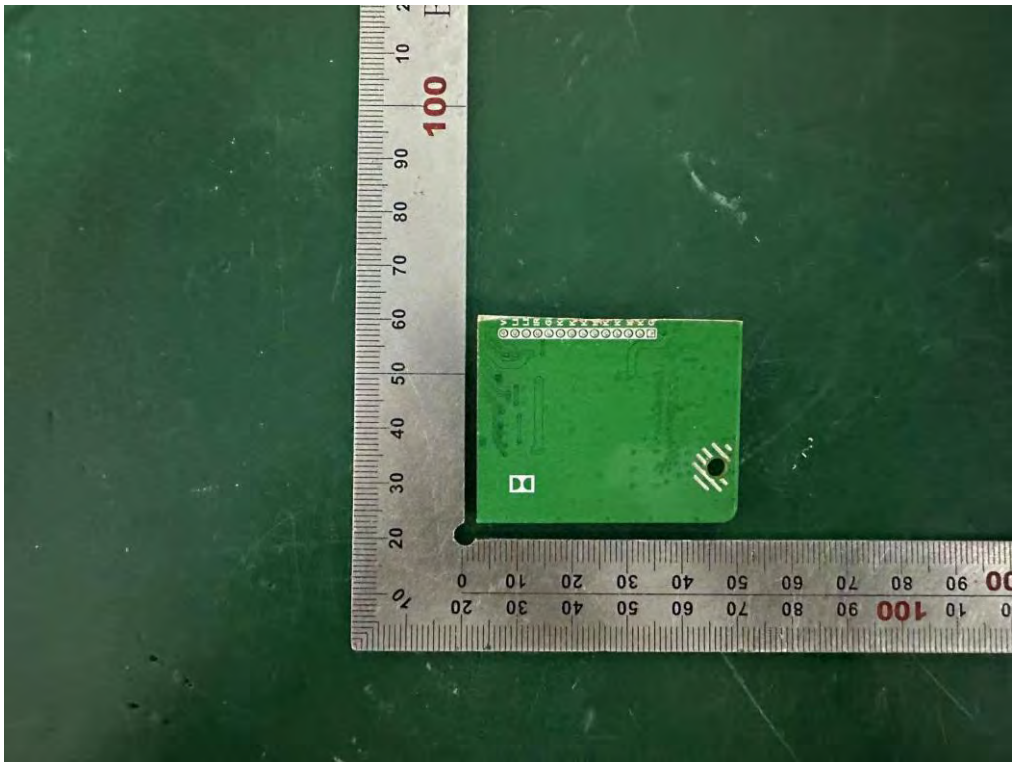


Radiated Test (Above 1GHz)

13. EUT PHOTO

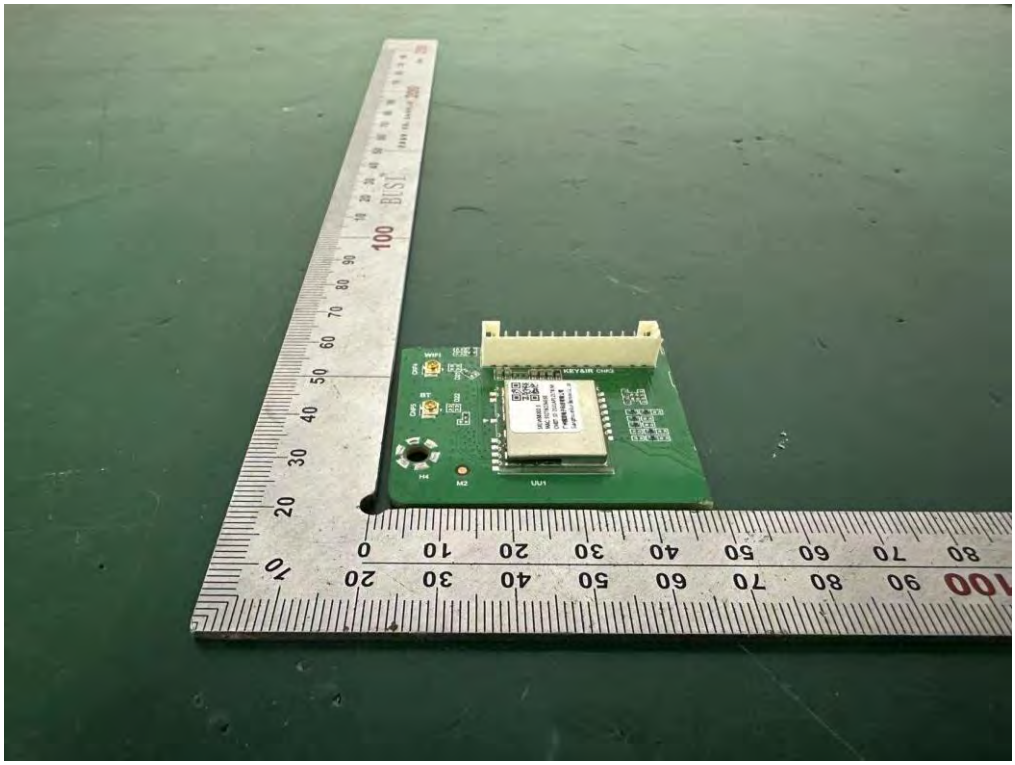
External Photos
M/N: WB800D

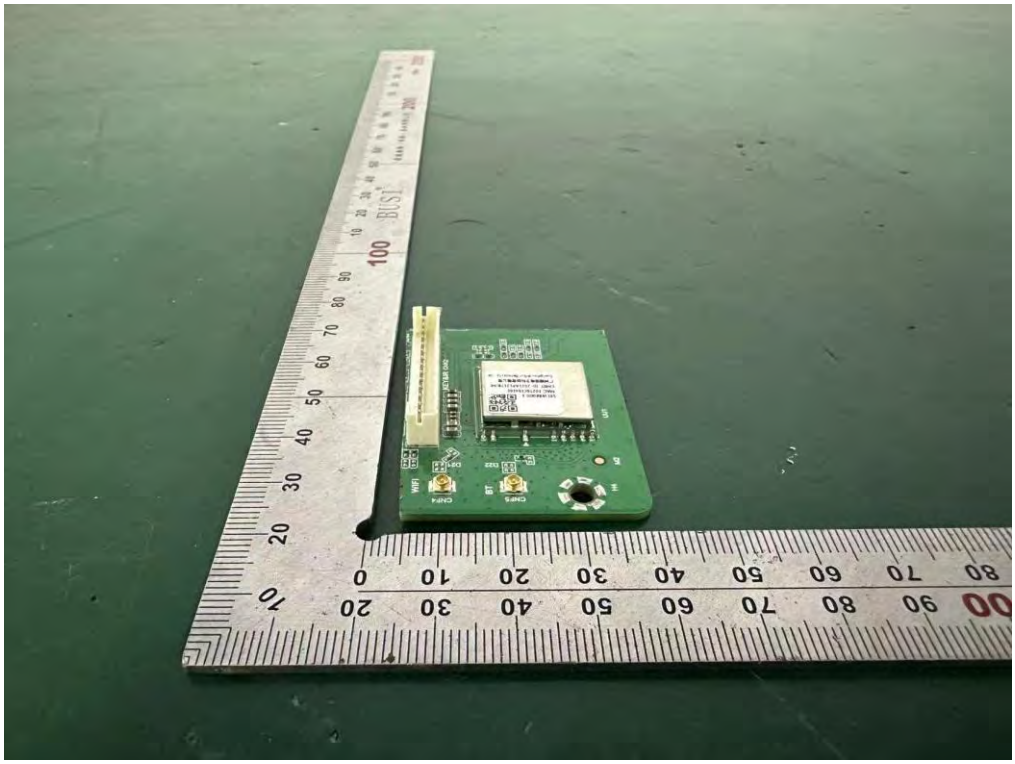




External Photos

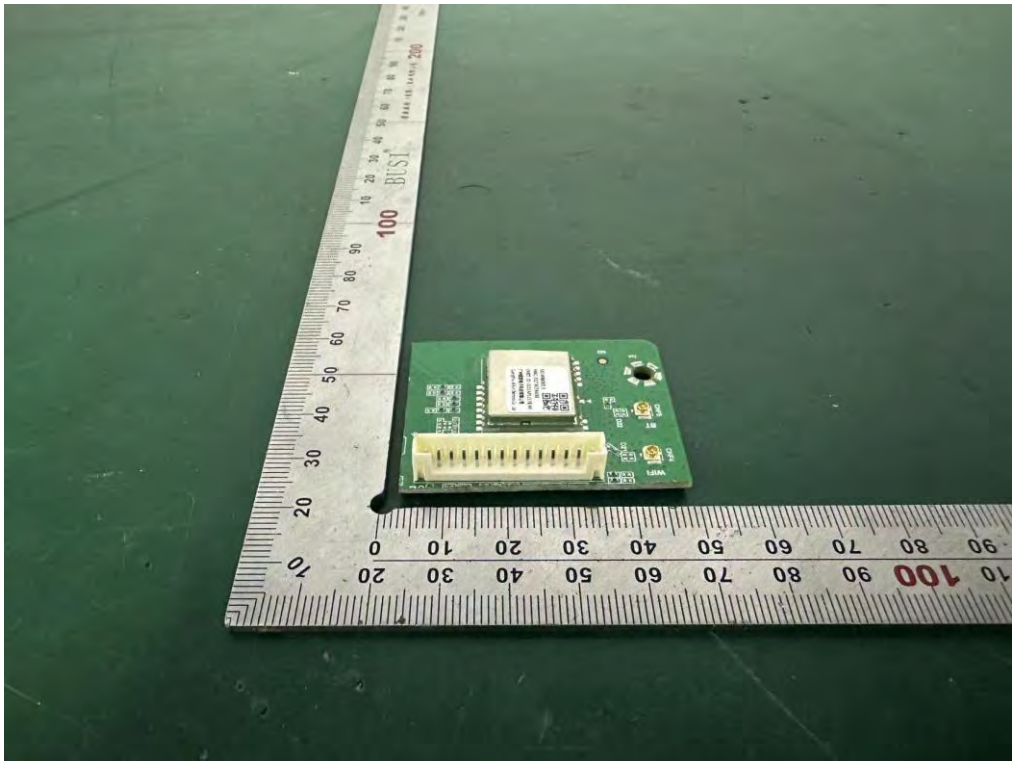
M/N: WB800D

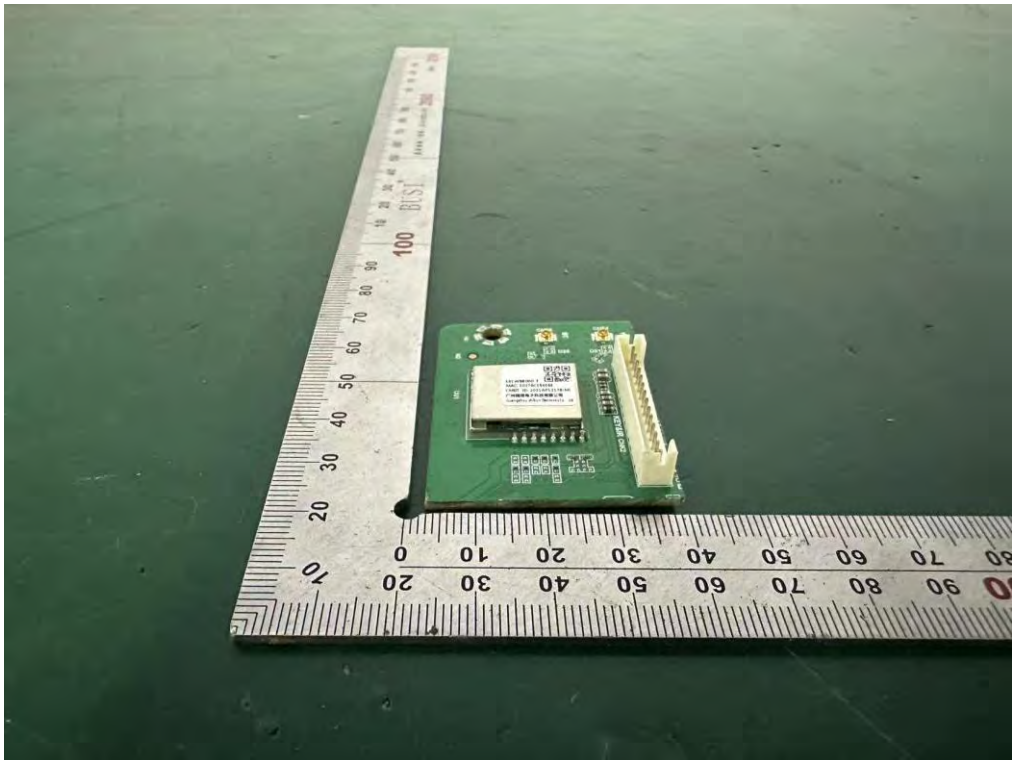




External Photos

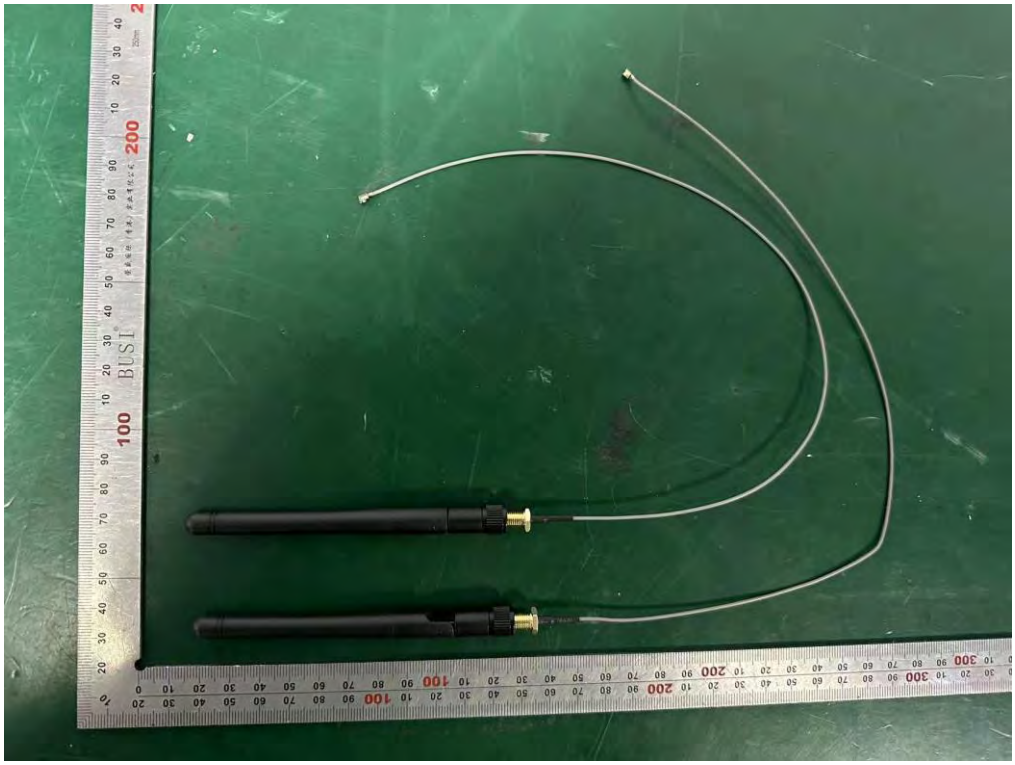
M/N: WB800D





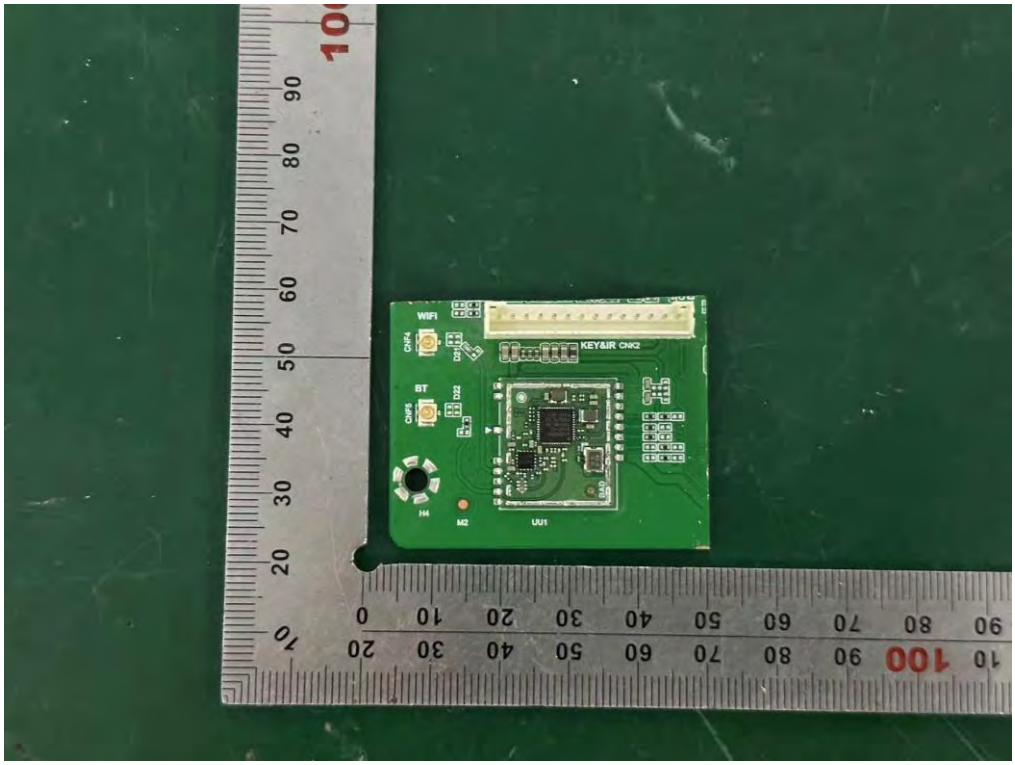
External Photos

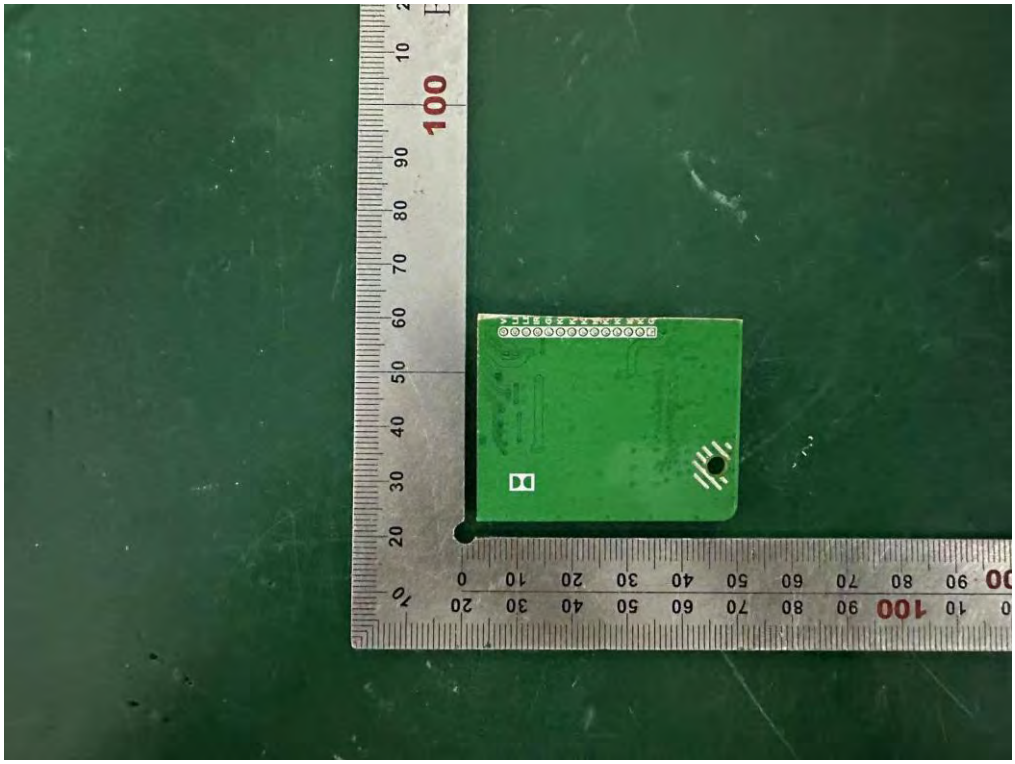
M/N: WB800D



Internal Photos

M/N: WB800D





End of Test Report