11AX20SISO_Ant1_5500

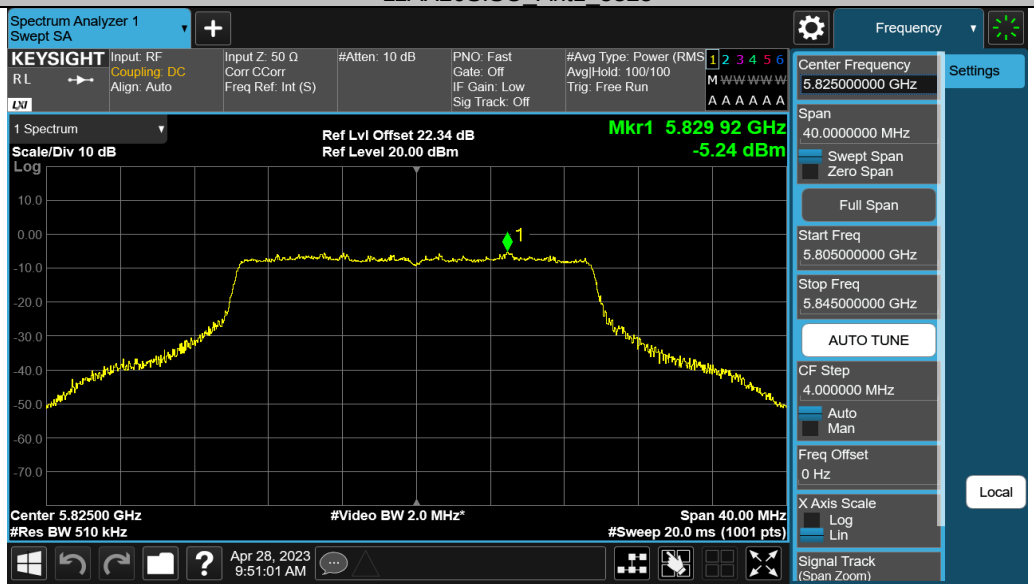
11AX20SISO_Ant1_5580

11AX20SISO_Ant1_5700

11AX20SISO_Ant1_5745

11AX20SISO_Ant1_5785

11AX20SISO_Ant1_5825



11AX40SISO_Ant1_5190

11AX40SISO_Ant1_5230

11AX40SISO_Ant1_5270

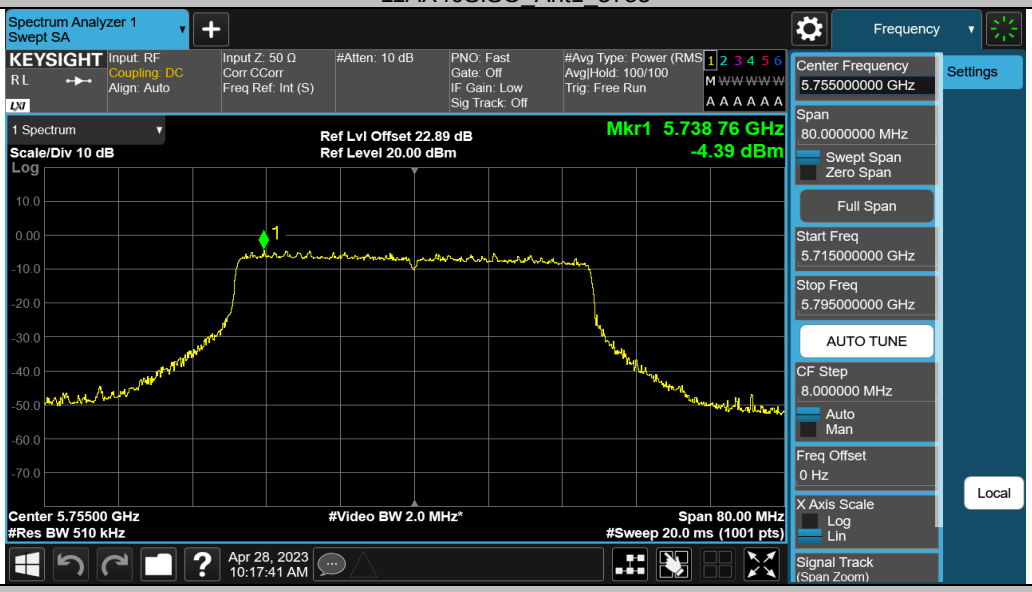
11AX40SISO_Ant1_5310

11AX40SISO_Ant1_5510

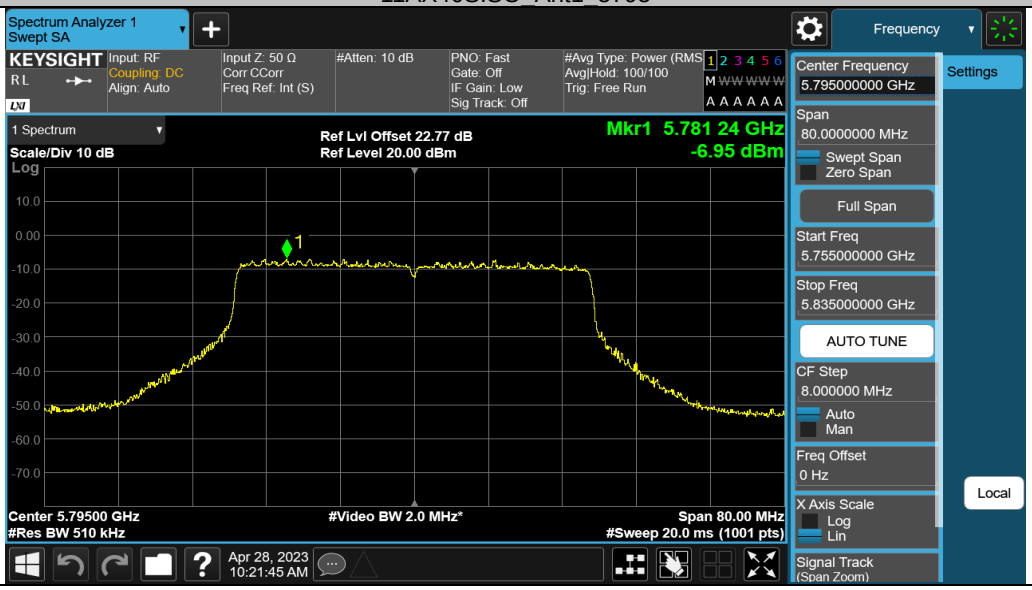
11AX40SISO_Ant1_5590

11AX40SISO_Ant1_5670

11AX40SISO_Ant1_5755



11AX40SISO_Ant1_5795



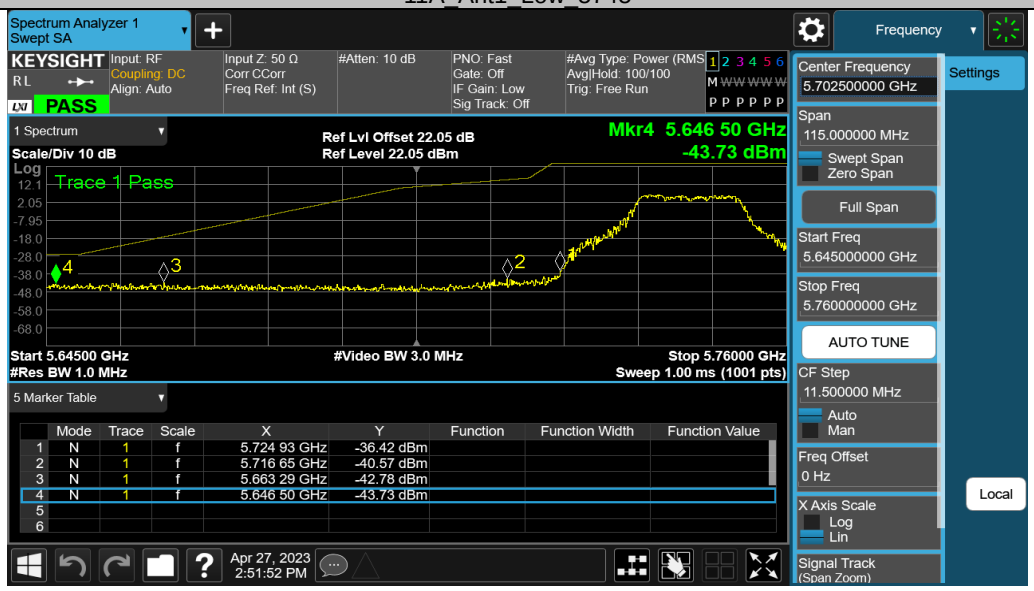
Appendix G: Band edge measurements
Test Result B4

Test Mode	Antenna	Ch Name	Frequency [MHz]	Freq Range [MHz]	Result [dBm]	Limit [dBm]	Verdict
11A	Ant1	Low	5745	5650~5700	-42.78	≤-17.17	PASS
				5700~5720	-40.57	≤14.66	PASS
				5720~5725	-36.42	≤26.83	PASS
				5760~5650	-43.73	≤-27	PASS
		High	5825	5850~5855	-43.34	≤17.03	PASS
				5855~5875	-44.95	≤13.69	PASS
				5875~5925	-43.72	≤-4.78	PASS
				5925~5935	-44.74	≤-27	PASS
11N20SISO	Ant1	Low	5745	5650~5700	-42.72	≤-8.49	PASS
				5700~5720	-39.1	≤15.47	PASS
				5720~5725	-36.3	≤26.57	PASS
				5760~5650	-42.96	≤-27	PASS
		High	5825	5850~5855	-43.14	≤18.26	PASS
				5855~5875	-43.67	≤13.76	PASS
				5875~5925	-44.07	≤4.51	PASS
				5925~5935	-44.46	≤-27	PASS
11N40SISO	Ant1	Low	5755	5650~5700	-42.05	≤8.76	PASS
				5700~5720	-39.18	≤14.33	PASS
				5720~5725	-31	≤25.59	PASS
				5780~5650	-42.77	≤-27	PASS
		High	5795	5850~5855	-44.9	≤20.92	PASS
				5855~5875	-44.69	≤14.38	PASS
				5875~5925	-43.55	≤-7.75	PASS
				5925~5935	-45.61	≤-27	PASS
11AC20SISO	Ant1	Low	5745	5650~5700	-42.41	≤-22.53	PASS
				5700~5720	-40.06	≤15.53	PASS
				5720~5725	-35.14	≤26.57	PASS
				5760~5650	-43.09	≤-27	PASS
		High	5825	5850~5855	-44	≤21.03	PASS
				5855~5875	-44.14	≤13.50	PASS
				5875~5925	-44.28	≤4.61	PASS
				5925~5935	-45.11	≤-27	PASS
11AC40SISO	Ant1	Low	5755	5650~5700	-42	≤-23.31	PASS
				5700~5720	-34.02	≤15.58	PASS
				5720~5725	-32.05	≤24.97	PASS
				5780~5650	-42.72	≤-27	PASS
		High	5795	5850~5855	-45.11	≤22.05	PASS
				5855~5875	-44.4	≤10.41	PASS
				5875~5925	-43.09	≤-13.86	PASS
				5925~5935	-45	≤-27	PASS
11AX20SISO	Ant1	Low	5745	5650~5700	-42.81	≤8.53	PASS
				5700~5720	-37.91	≤15.59	PASS
				5720~5725	-32.69	≤26.30	PASS
				5760~5650	-42.97	≤-27	PASS
		High	5825	5850~5855	-42.71	≤18.56	PASS
				5855~5875	-43.39	≤11.42	PASS
				5875~5925	-44.25	≤-11.67	PASS
				5925~5935	-44.92	≤-27	PASS
11AX40SISO	Ant1	Low	5755	5650~5700	-40.86	≤9.26	PASS
				5700~5720	-37.45	≤15.31	PASS
				5720~5725	-32.01	≤25.59	PASS
				5780~5650	-42.34	≤-27	PASS
		High	5795	5850~5855	-44.83	≤24.31	PASS
				5855~5875	-44.57	≤13.32	PASS

				5875~5925	-42.8	≤-12.88	PASS
				5925~5935	-44.62	≤-27	PASS

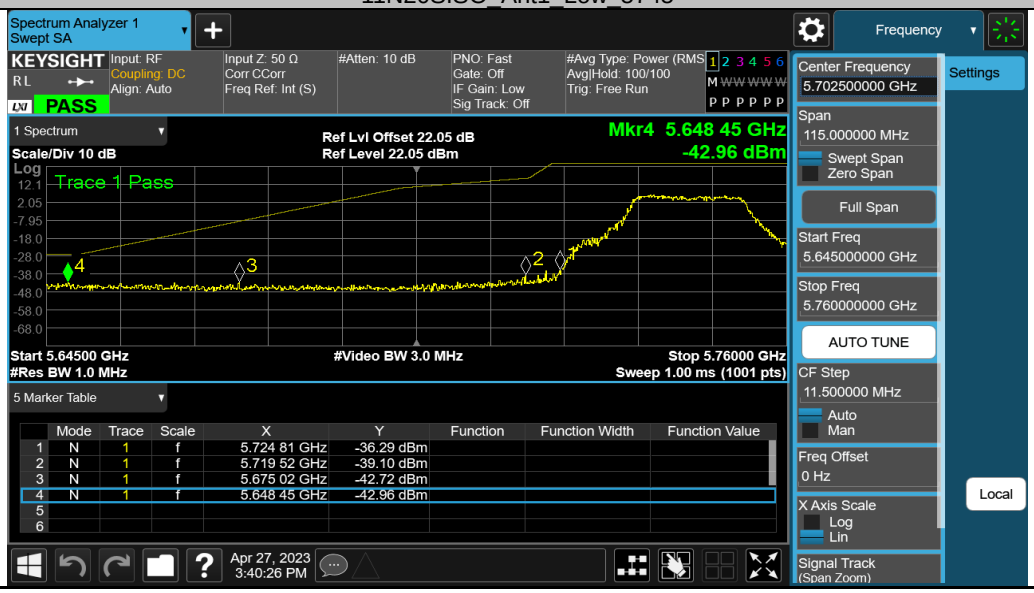
Test Graphs B4

11A_Ant1_Low_5745

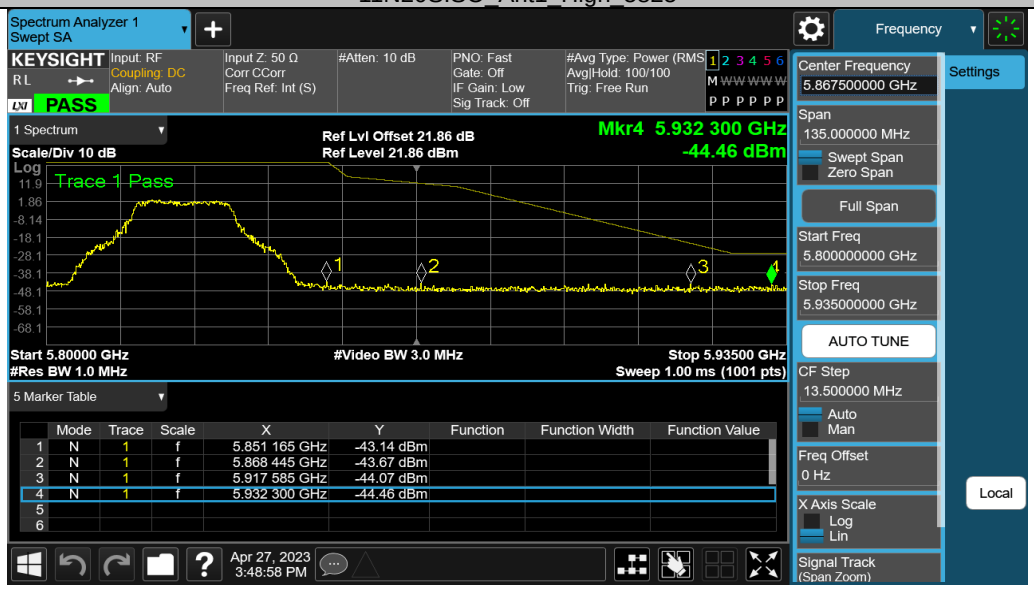


11A_Ant1_High_5825

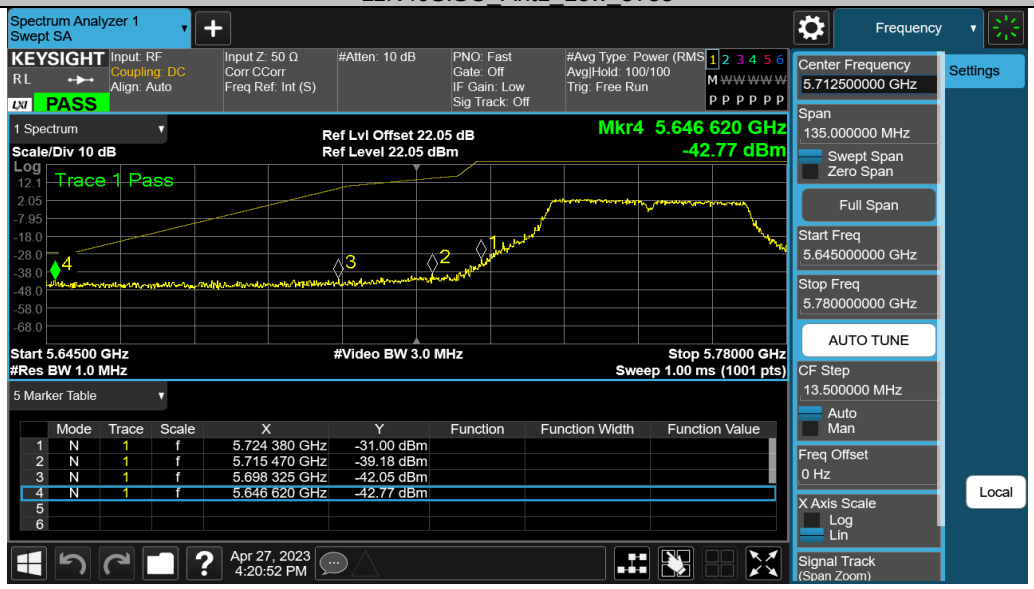
11N20SISO_Ant1_Low_5745



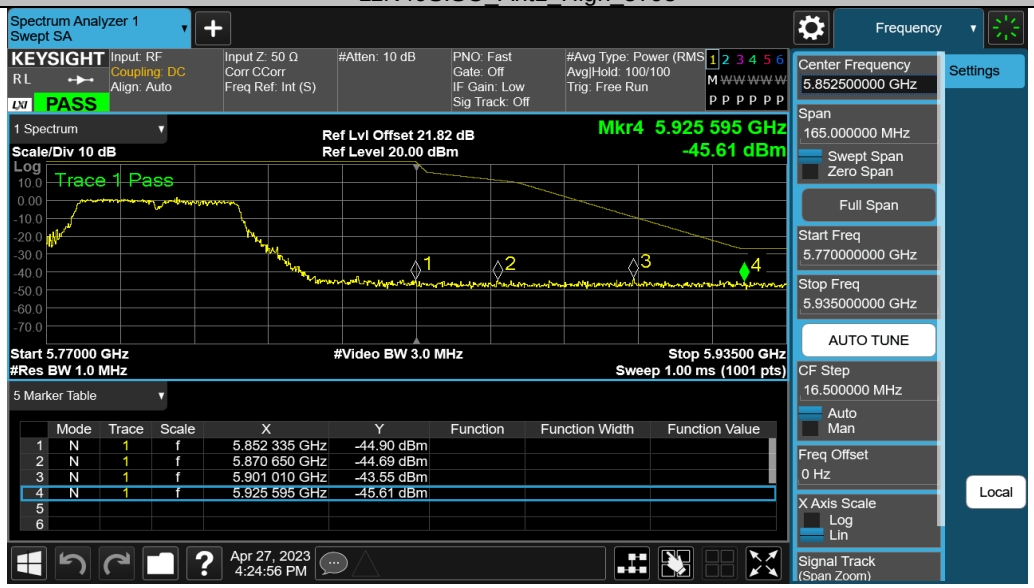
11N20SISO_Ant1_High_5825



11N40SISO_Ant1_Low_5755



11N40SISO_Ant1_High_5795



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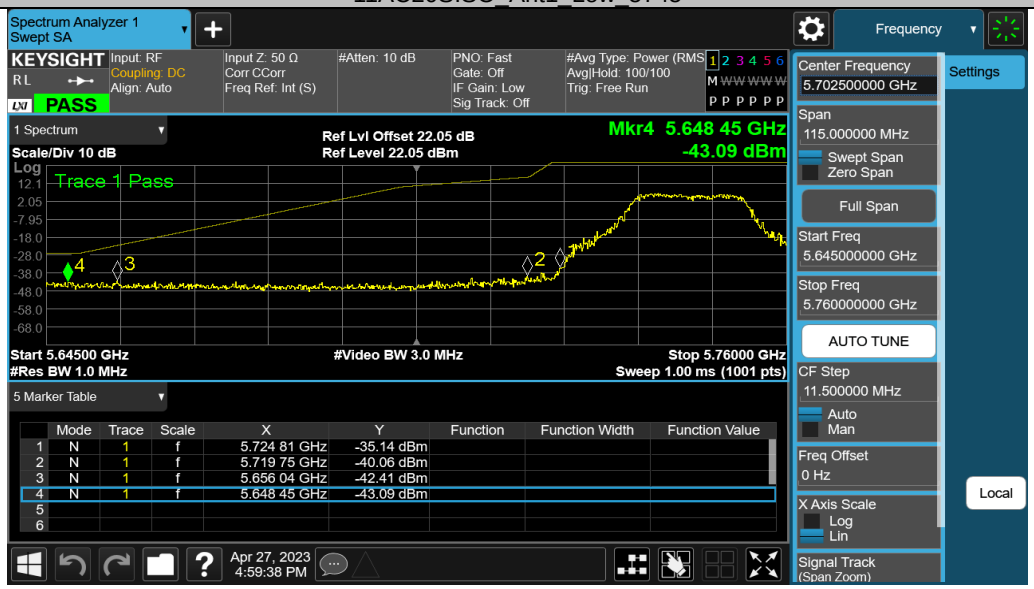

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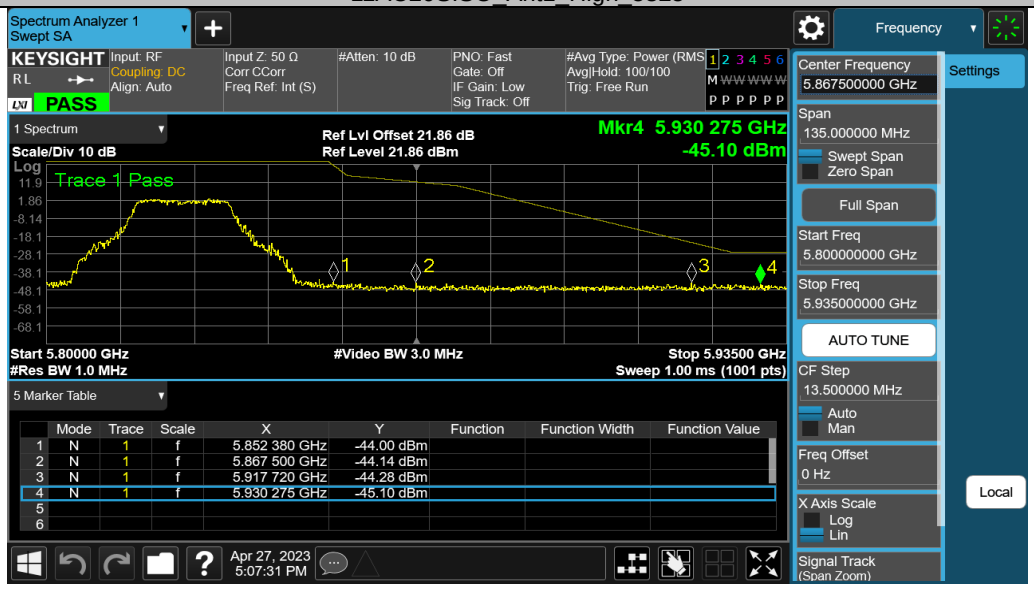

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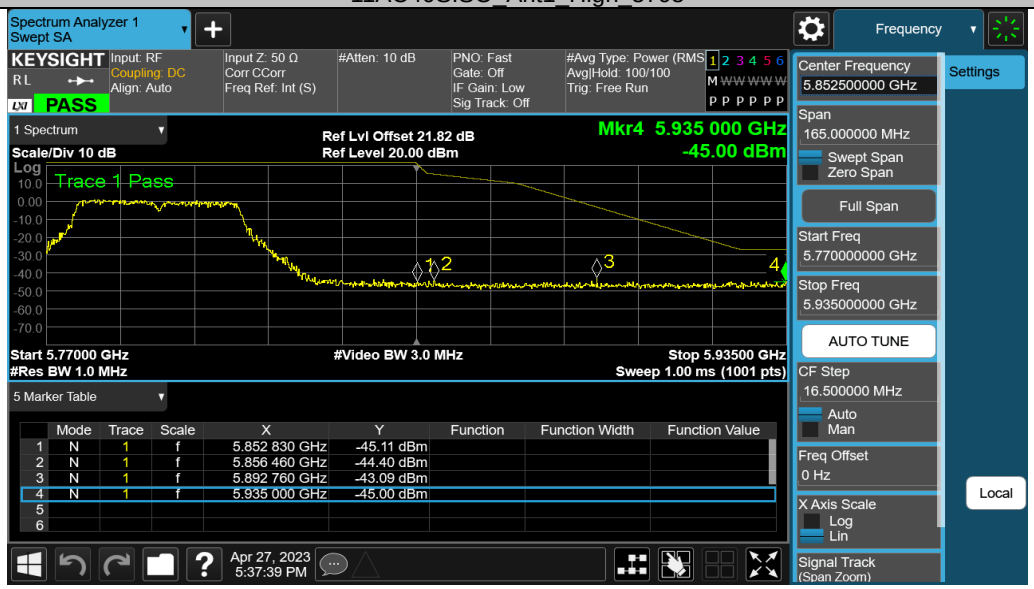
11AC40SISO_Ant1_High_5795



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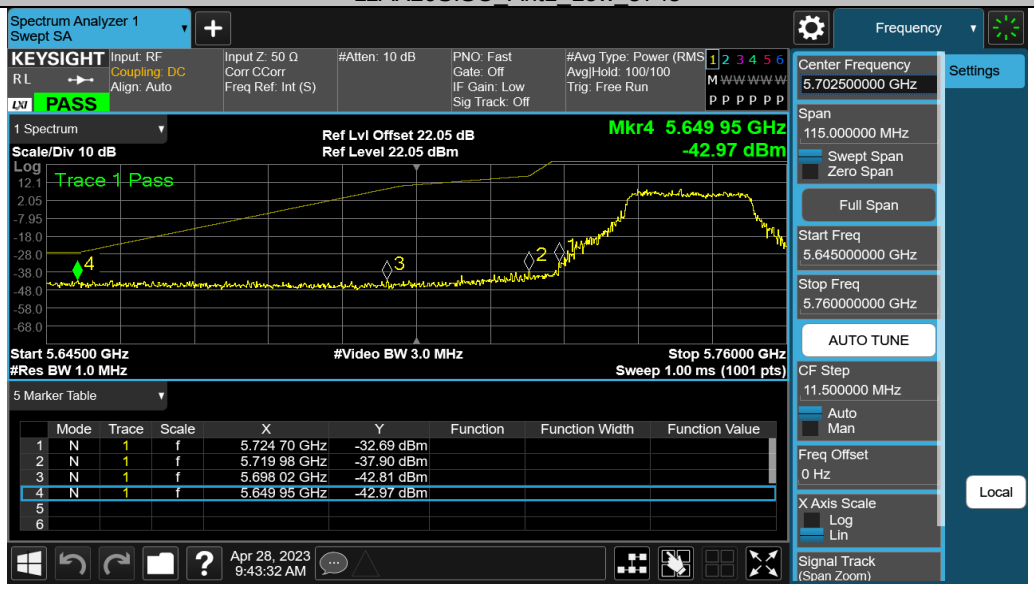
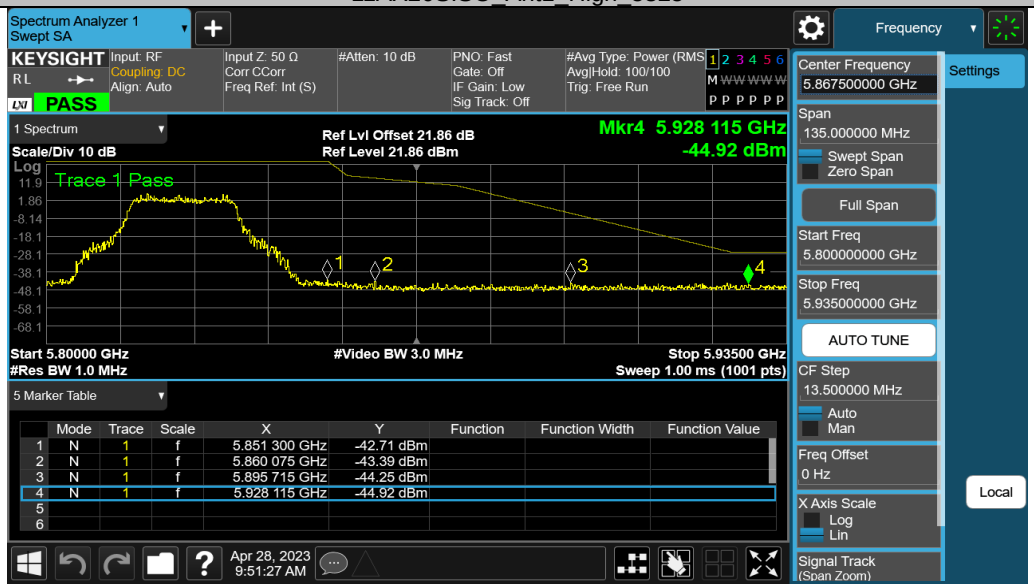
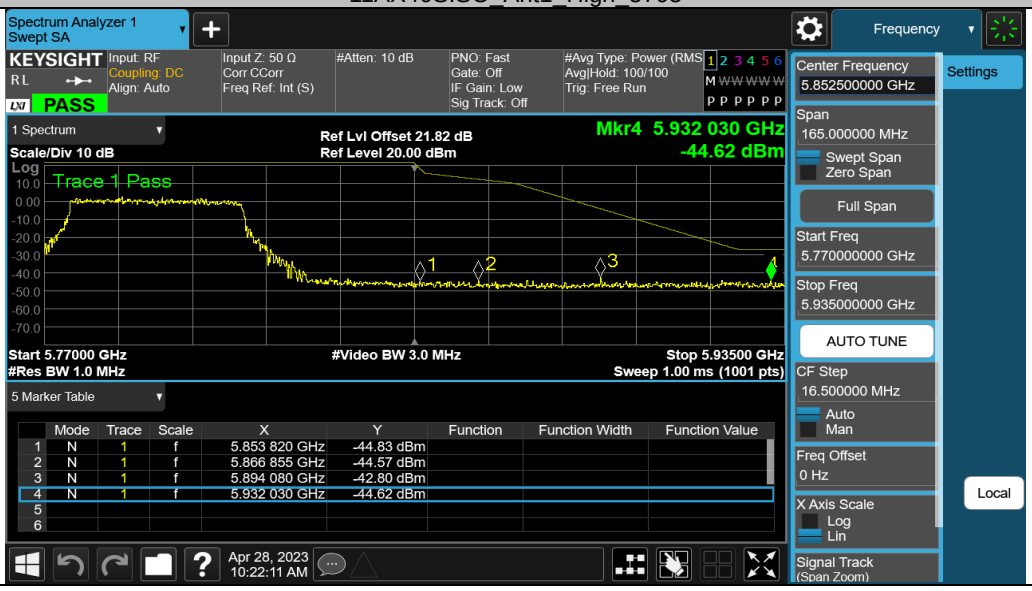


11AX20SISO_Ant1_High_5825



11AX40SISO_Ant1_Low_5755

11AX40SISO_Ant1_High_5795



Appendix H: Frequency Stability

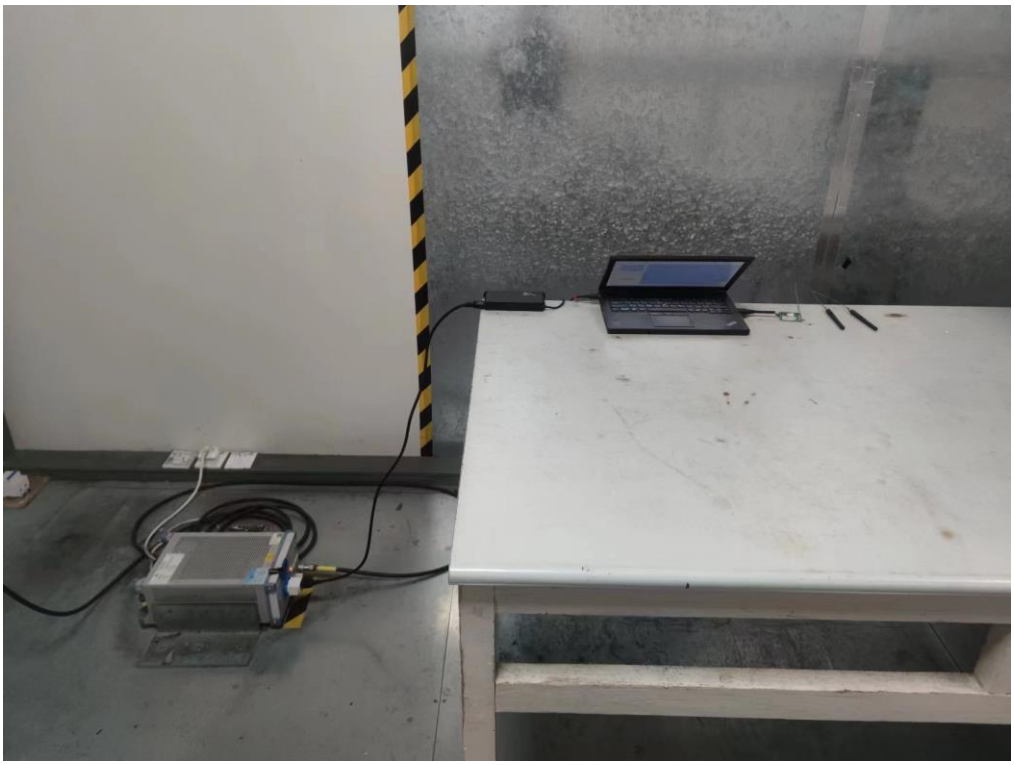
Test Result

Voltage								
Test Mode	Antenna	Frequency[MHz]	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	NT	-40000.00	-7.722008	20	PASS
			LV	NT	-40000.00	-7.722008	20	PASS
			HV	NT	-40000.00	-7.722008	20	PASS
		5260	NV	NT	-20000.00	-3.802281	20	PASS
			LV	NT	-40000.00	-7.604563	20	PASS
			HV	NT	-40000.00	-7.604563	20	PASS
		5500	NV	NT	-40000.00	-7.272727	20	PASS
			LV	NT	-40000.00	-7.272727	20	PASS
			HV	NT	-40000.00	-7.272727	20	PASS
		5745	NV	NT	-40000.00	-6.962576	20	PASS
			LV	NT	-40000.00	-6.962576	20	PASS
			HV	NT	-20000.00	-3.481288	20	PASS

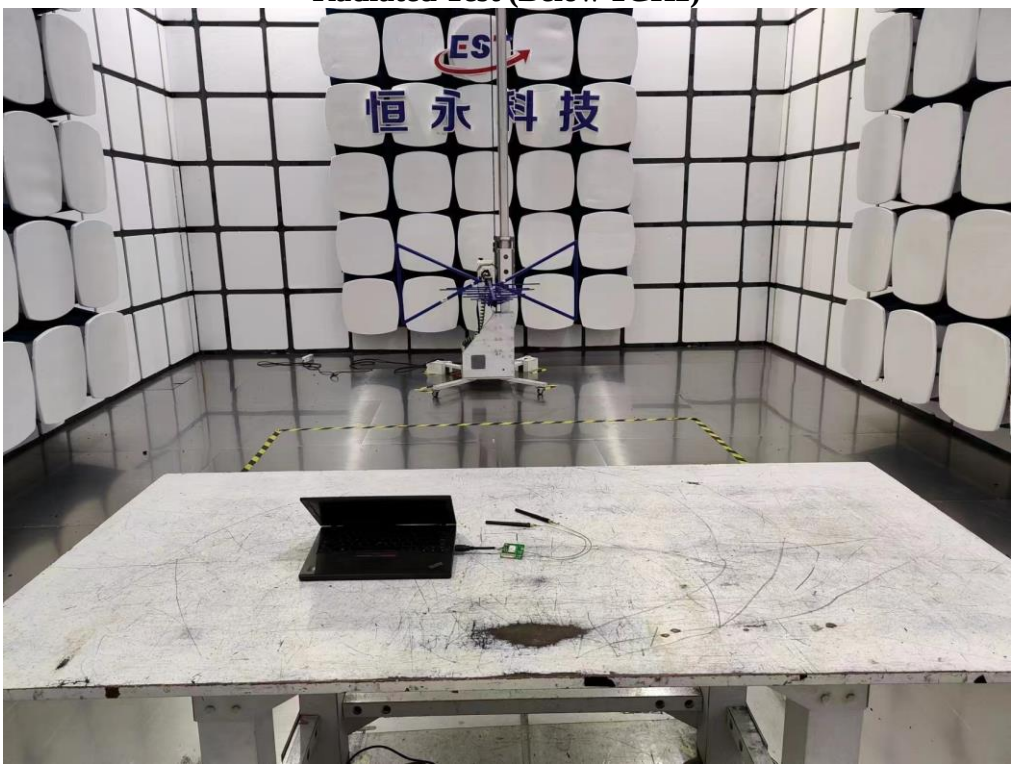
Temperature								
Test Mode	Antenna	Frequency[MHz]	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
11A	Ant1	5180	NV	-30	-40000.00	-7.722008	20	PASS
			NV	-20	-40000.00	-7.722008	20	PASS
			NV	-10	-40000.00	-7.722008	20	PASS
			NV	0	-40000.00	-7.722008	20	PASS
			NV	10	-40000.00	-7.722008	20	PASS
			NV	20	-20000.00	-3.861004	20	PASS
			NV	30	-40000.00	-7.722008	20	PASS
			NV	40	-40000.00	-7.722008	20	PASS
			NV	50	-40000.00	-7.722008	20	PASS
		5260	NV	-30	-40000.00	-7.604563	20	PASS
			NV	-20	-40000.00	-7.604563	20	PASS
			NV	-10	-40000.00	-7.604563	20	PASS
			NV	0	-40000.00	-7.604563	20	PASS
			NV	10	-40000.00	-7.604563	20	PASS
			NV	20	-40000.00	-7.604563	20	PASS
			NV	30	-40000.00	-7.604563	20	PASS
			NV	40	-40000.00	-7.604563	20	PASS
			NV	50	-40000.00	-7.604563	20	PASS
		5500	NV	-30	-40000.00	-7.272727	20	PASS
			NV	-20	-40000.00	-7.272727	20	PASS
			NV	-10	-20000.00	-3.636364	20	PASS
			NV	0	-40000.00	-7.272727	20	PASS
			NV	10	-40000.00	-7.272727	20	PASS
			NV	20	-40000.00	-7.272727	20	PASS
			NV	30	-40000.00	-7.272727	20	PASS
			NV	40	-40000.00	-7.272727	20	PASS
			NV	50	-40000.00	-7.272727	20	PASS
		5745	NV	-30	-40000.00	-6.962576	20	PASS
			NV	-20	-40000.00	-6.962576	20	PASS
			NV	-10	-40000.00	-6.962576	20	PASS
			NV	0	-40000.00	-6.962576	20	PASS
			NV	10	-20000.00	-3.481288	20	PASS
			NV	20	-40000.00	-6.962576	20	PASS
			NV	30	-40000.00	-6.962576	20	PASS
			NV	40	-40000.00	-6.962576	20	PASS
			NV	50	-20000.00	-3.481288	20	PASS

11. TEST SETUP PHOTO

Conducted Test



Radiated Test (Below 1GHz)

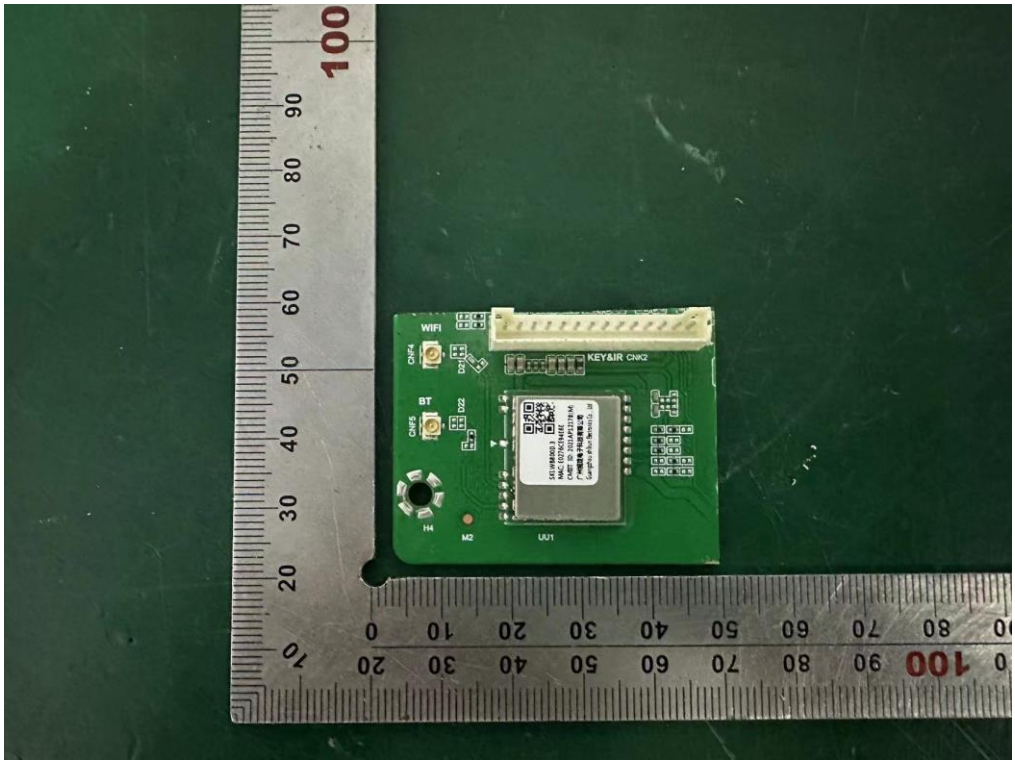


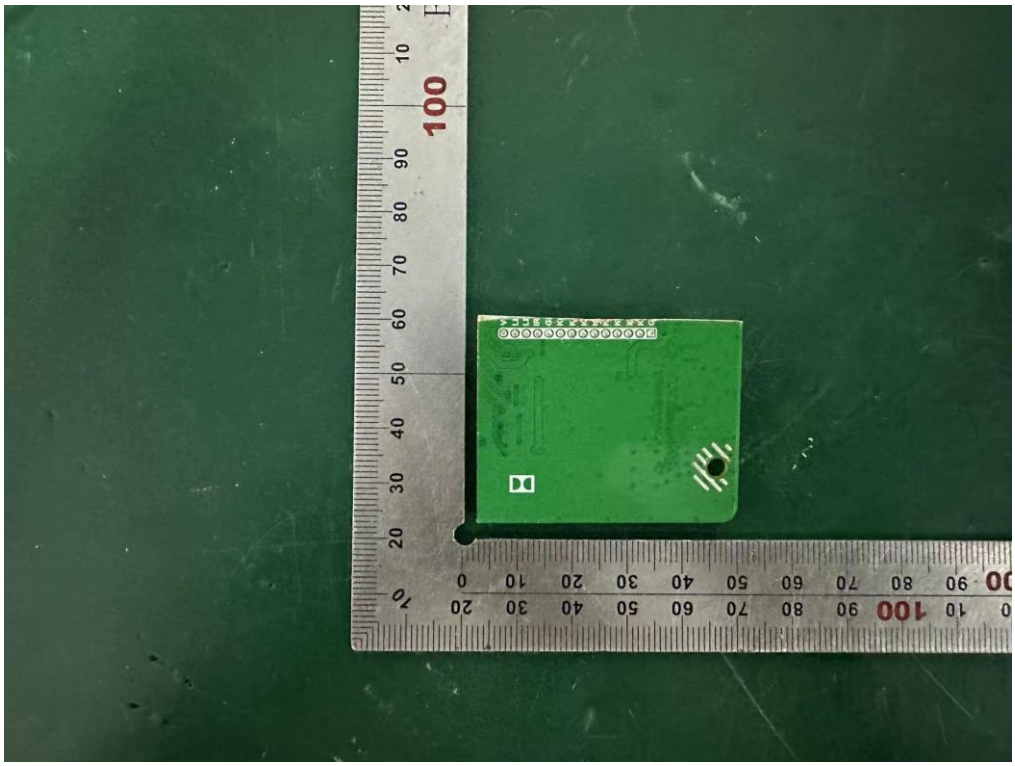
Radiated Test (Above 1GHz)

12. EUT PHOTO

External Photos

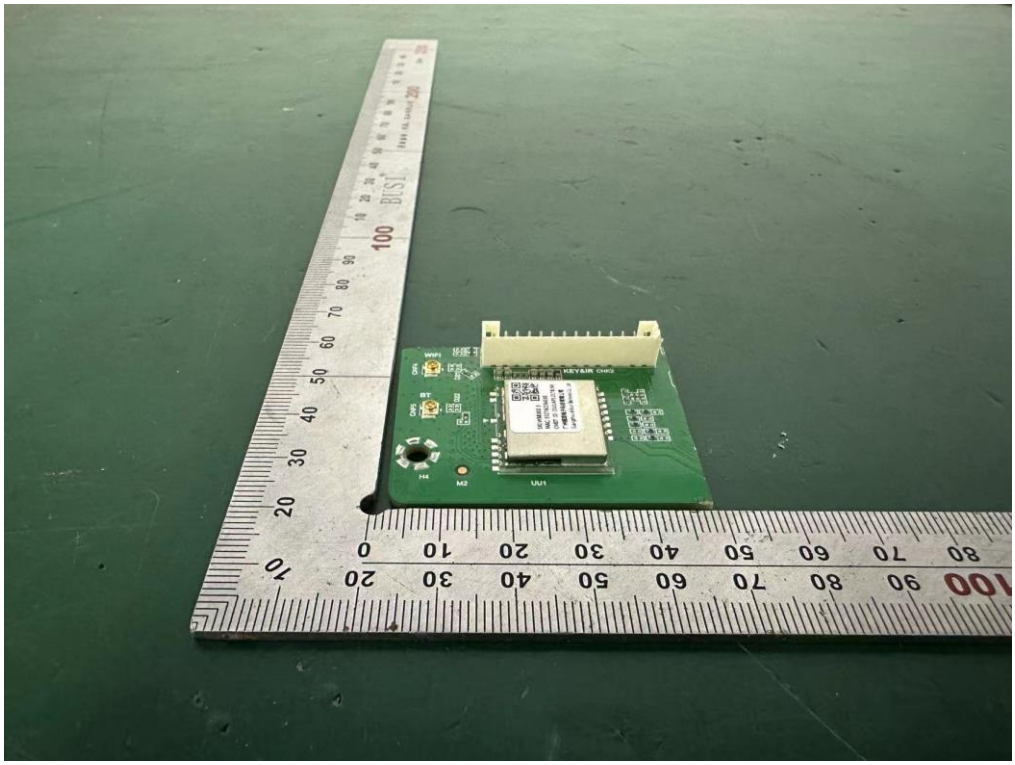
M/N: WB800D

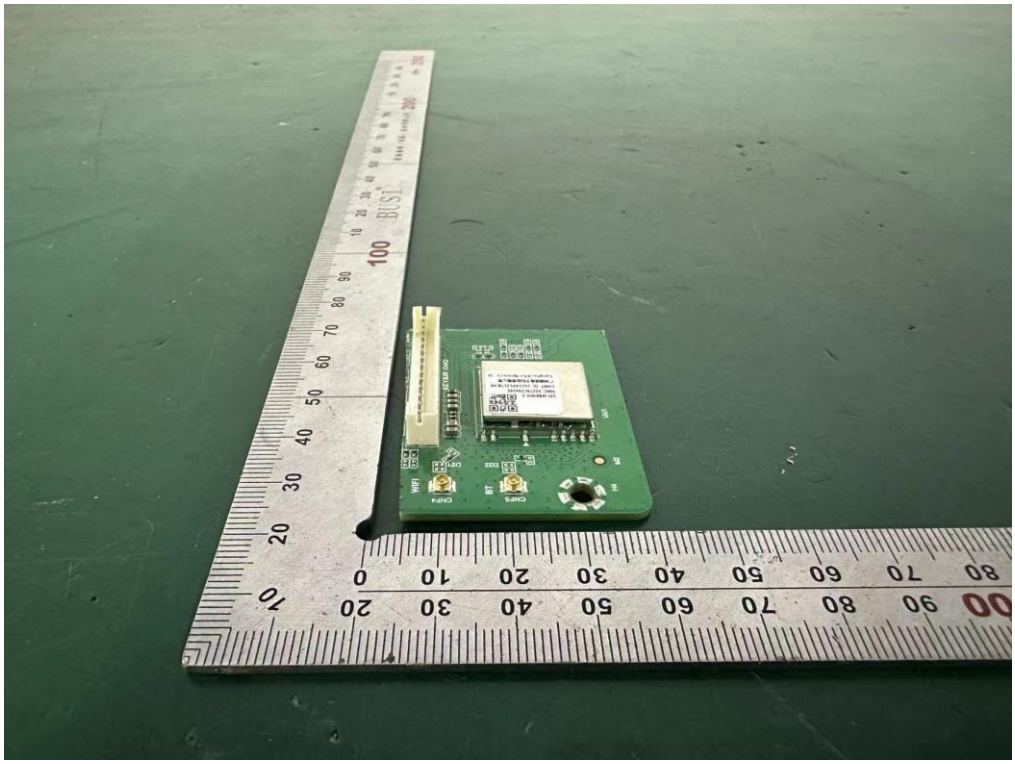




External Photos

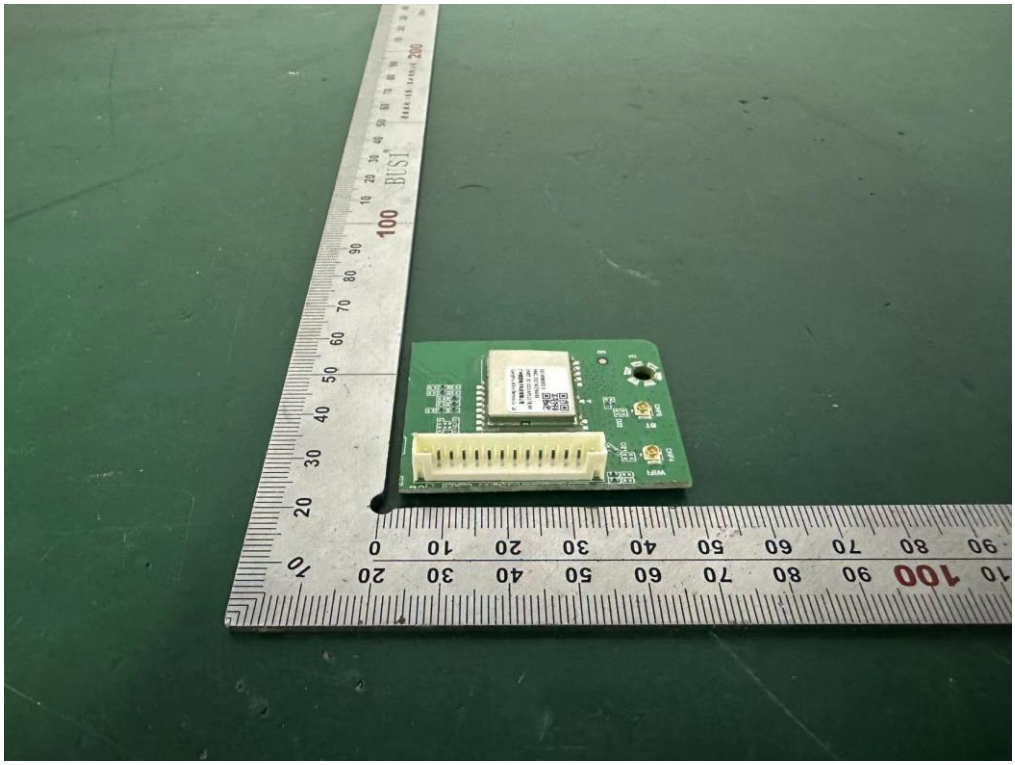
M/N: WB800D

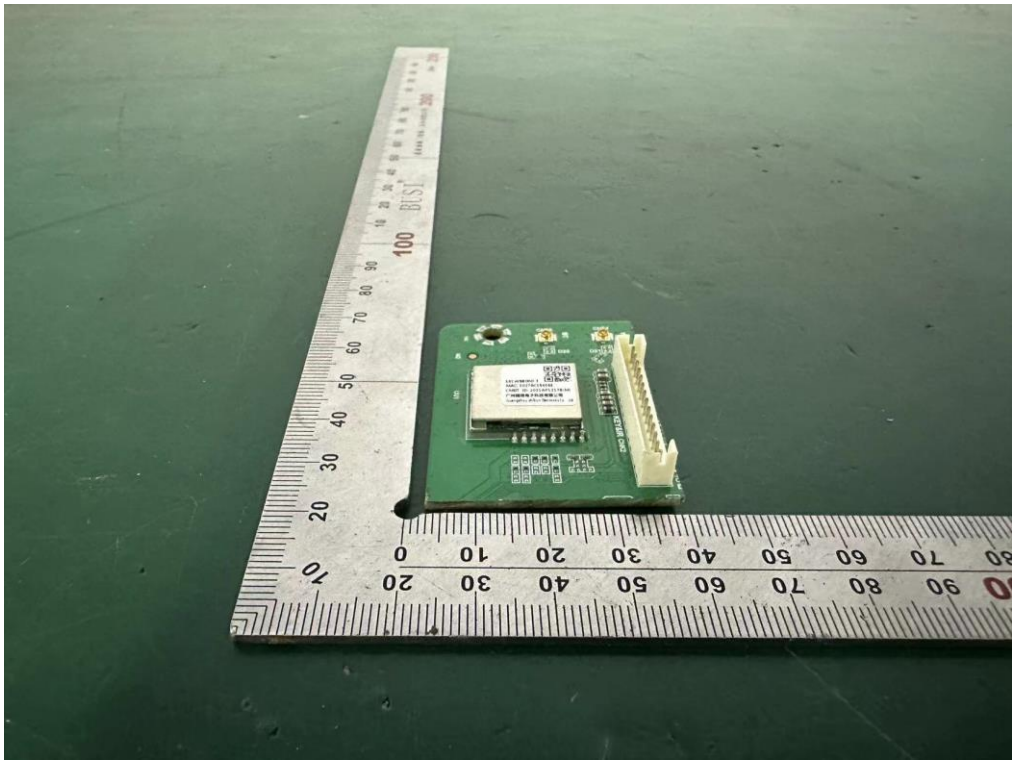




External Photos

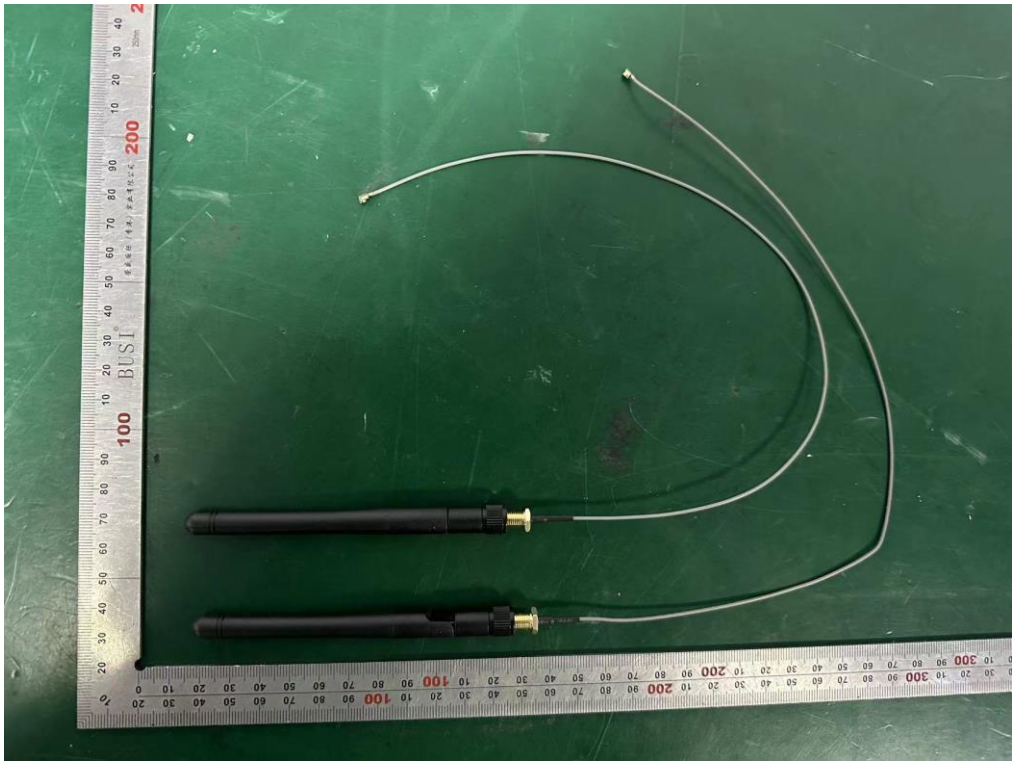
M/N: WB800D





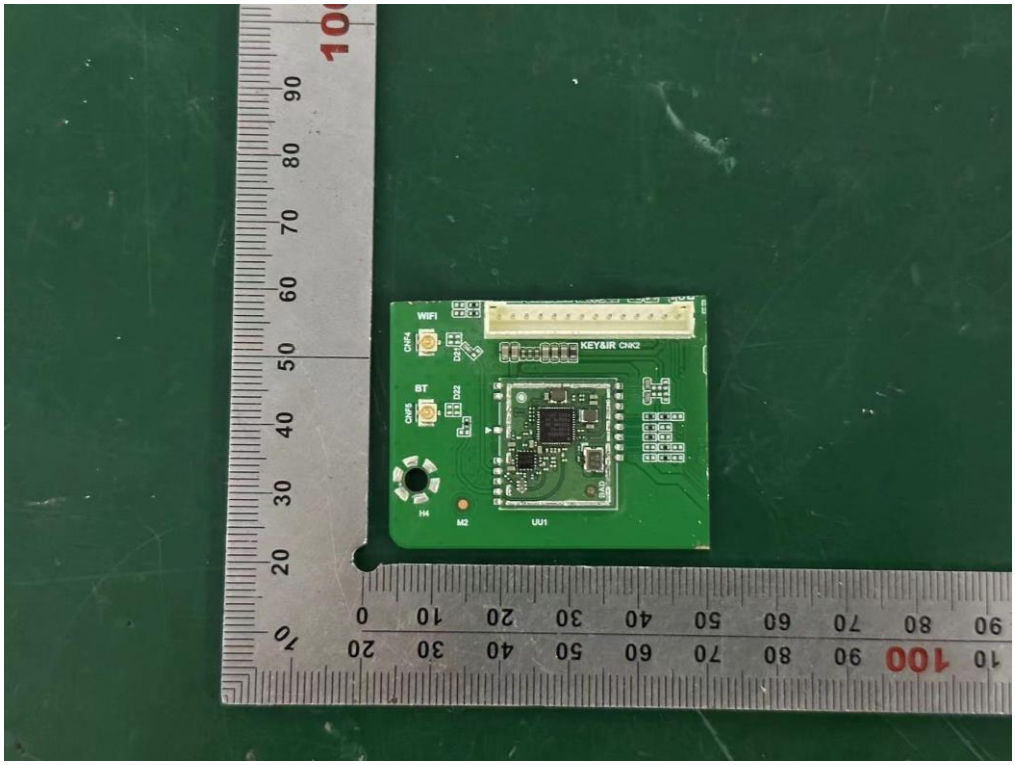
External Photos

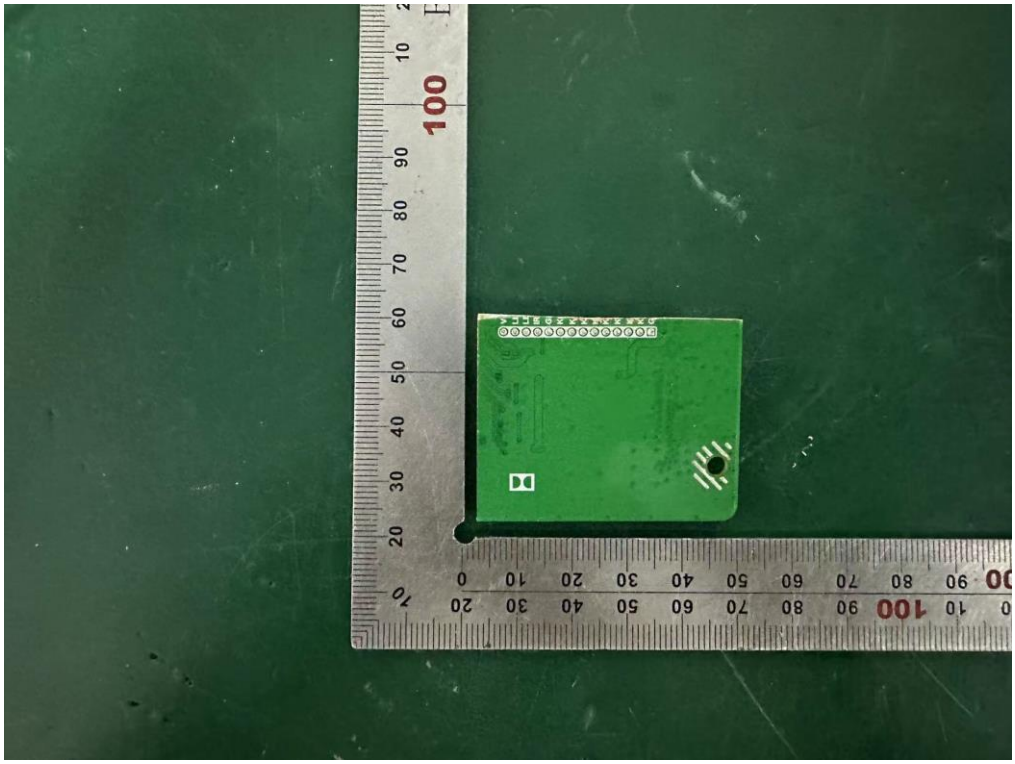
M/N: WB800D



Internal Photos

M/N: WB800D





End of Test Report