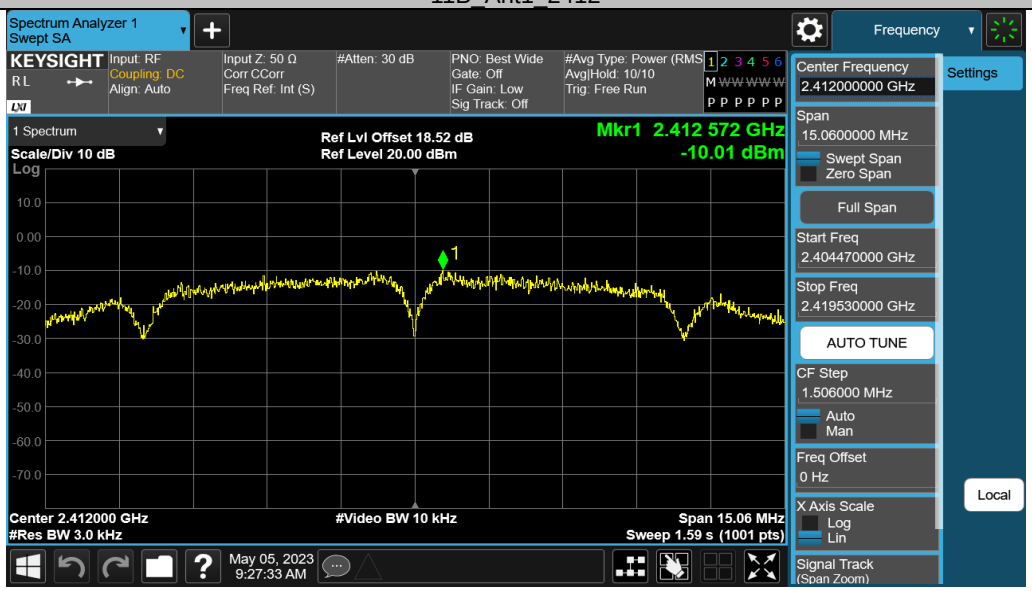
Appendix D: Maximum power spectral density

Test Result

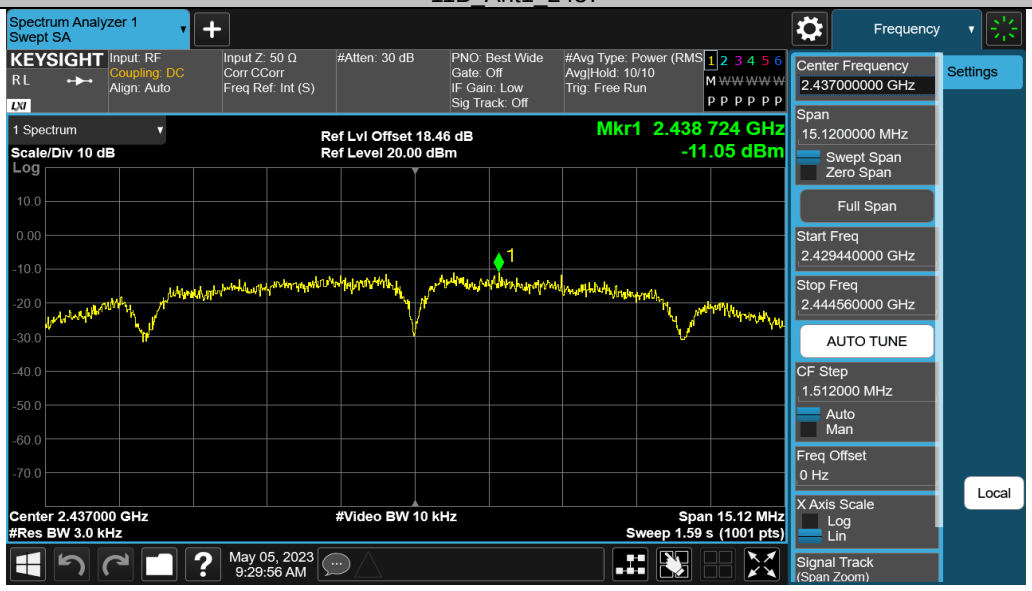
Test Mode	Antenna	Frequency [MHz]	Result [dBm/3-100kHz]	Limit [dBm/3kHz]	Verdict
11B	Ant1	2412	-10.01	≤8.00	PASS
		2437	-11.06	≤8.00	PASS
		2462	-11.73	≤8.00	PASS
11G	Ant1	2412	-17.68	≤8.00	PASS
		2437	-17.55	≤8.00	PASS
		2462	-18.11	≤8.00	PASS
11N20SISO	Ant1	2412	-17.49	≤8.00	PASS
		2437	-17.57	≤8.00	PASS
		2462	-19.29	≤8.00	PASS
11N40SISO	Ant1	2422	-20.76	≤8.00	PASS
		2437	-19.86	≤8.00	PASS
		2452	-20.39	≤8.00	PASS

Test Graphs

11B_Ant1_2412

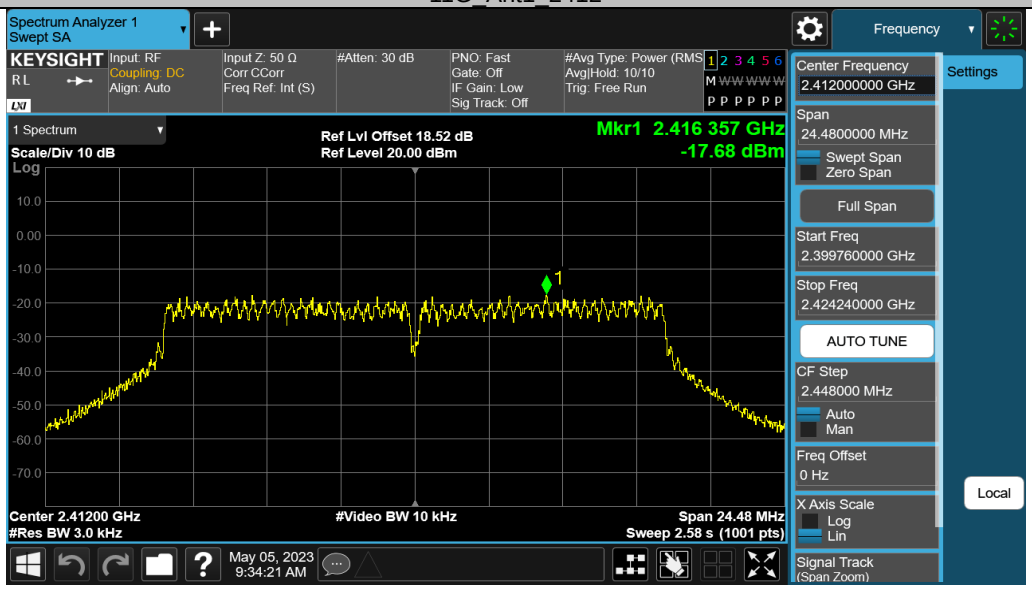


11B_Ant1_2437

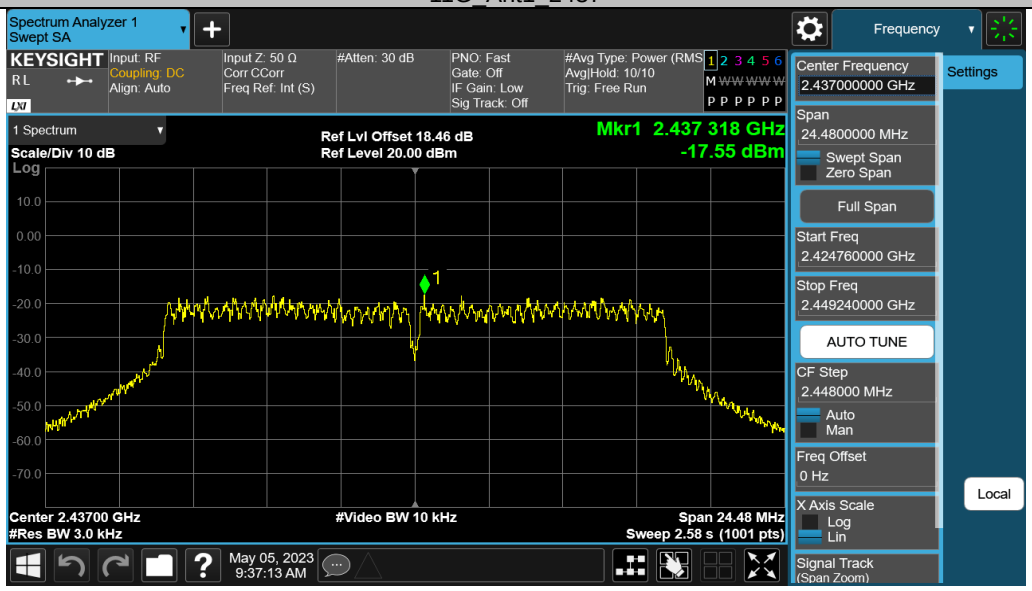


11B_Ant1_2462

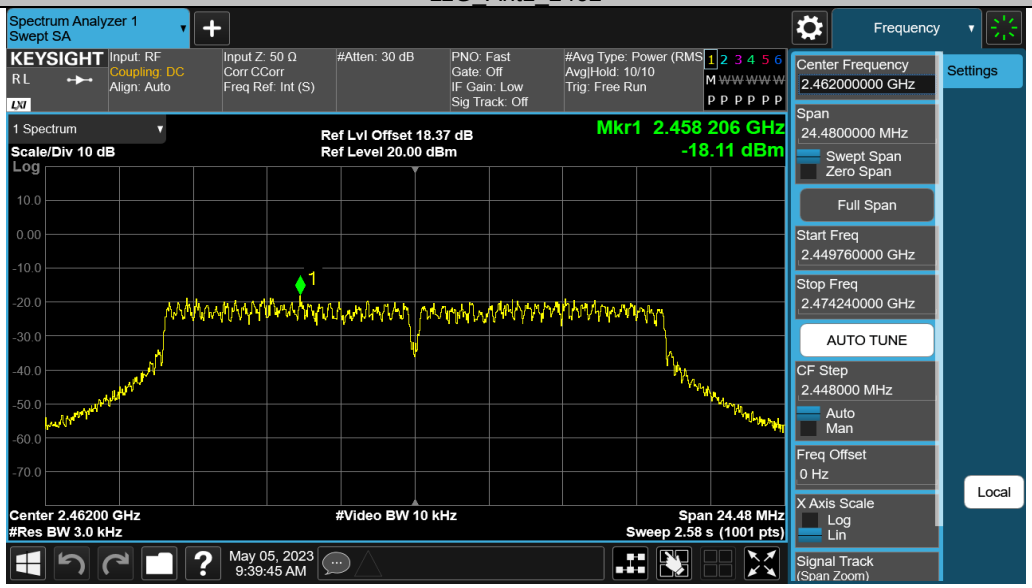
11G_Ant1_2412



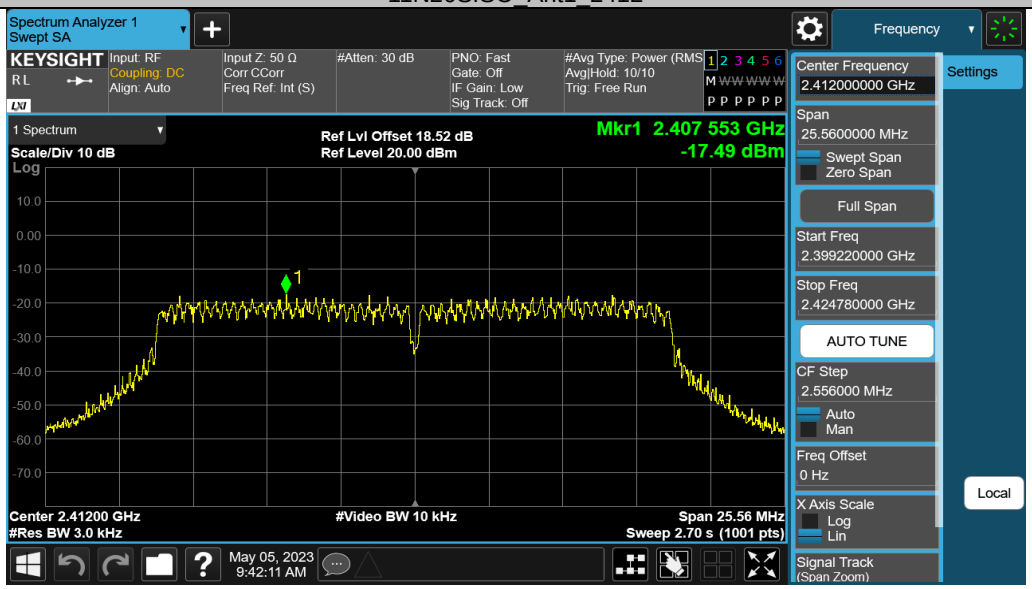
11G_Ant1_2437



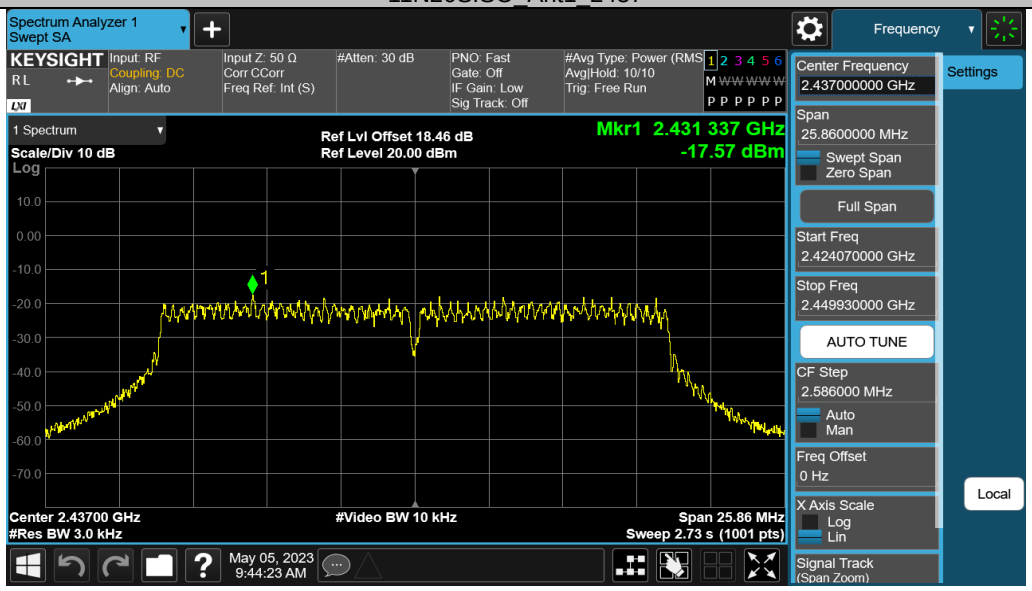
11G_Ant1_2462



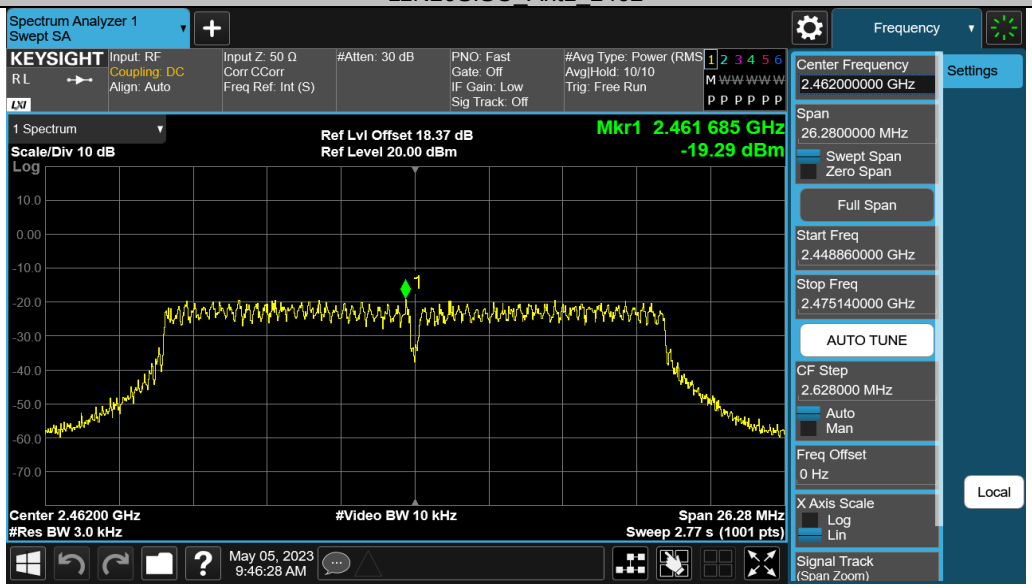
11N20SISO_Ant1_2412



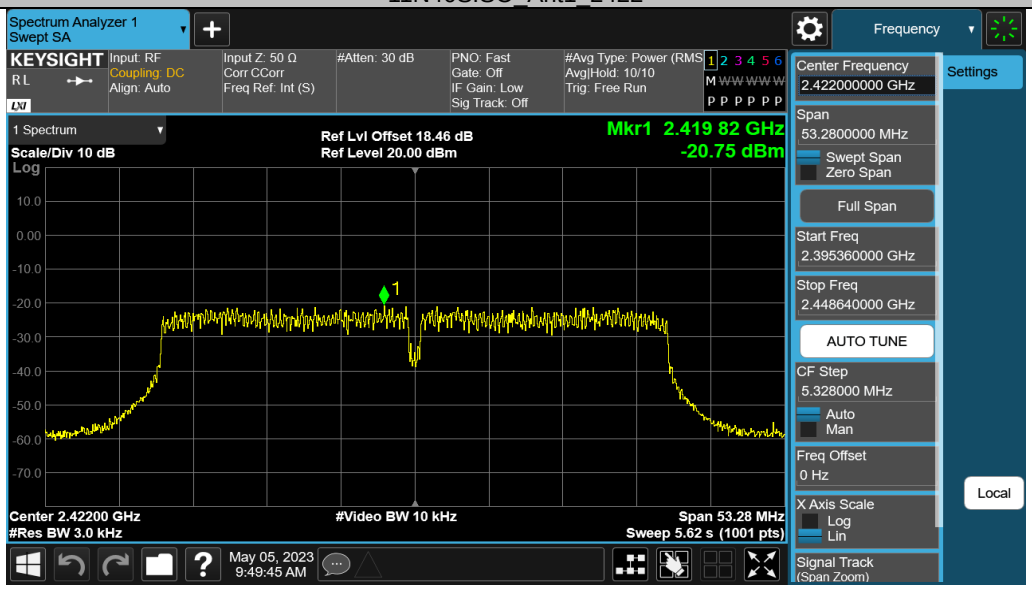
11N20SISO_Ant1_2437



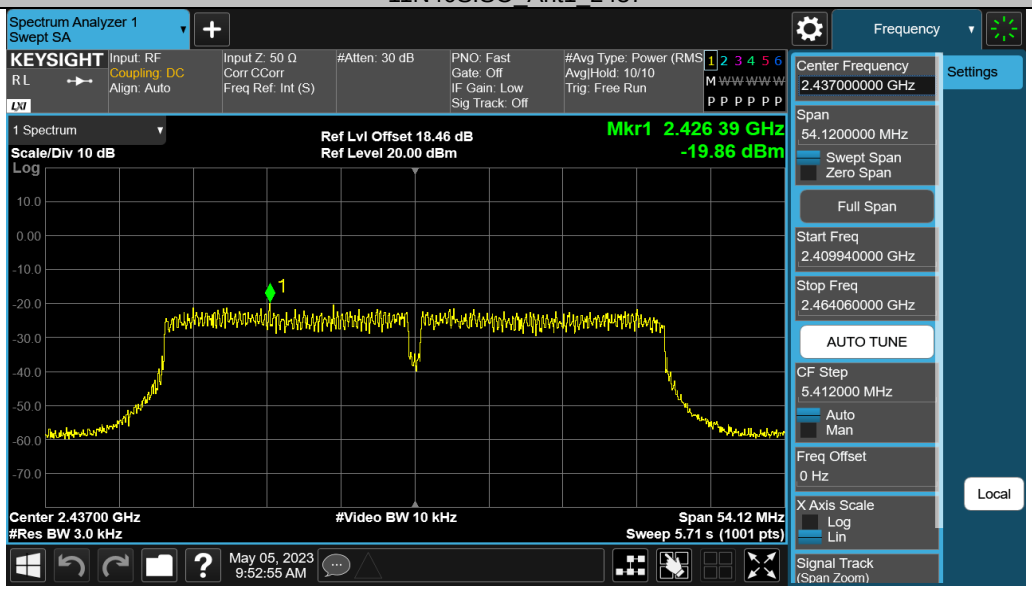
11N20SISO_Ant1_2462



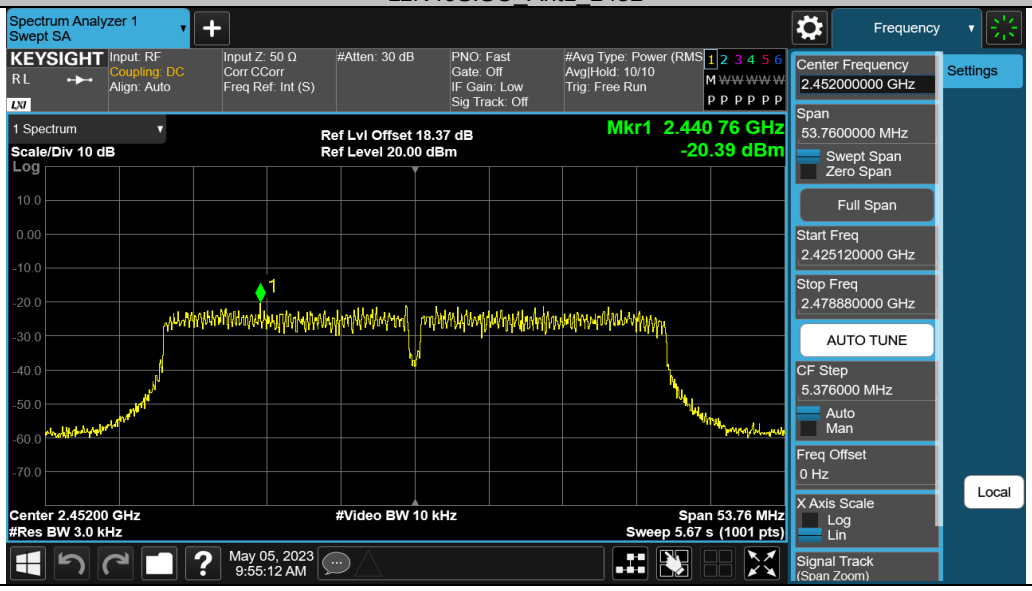
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



Appendix E: Reference level measurement

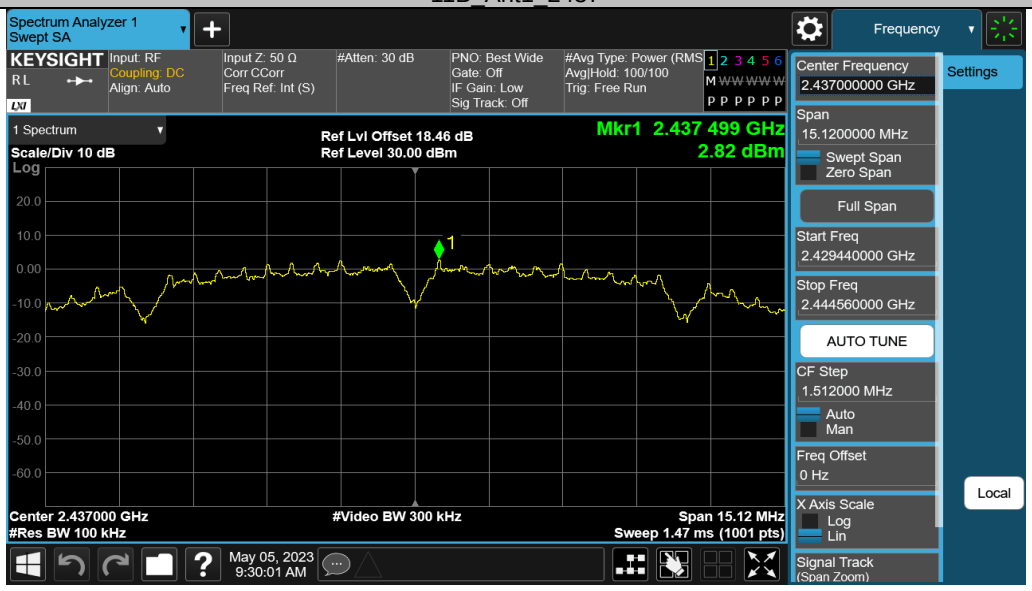
Test Result

Test Mode	Antenna	Freq (MHz)	Max.Point [MHz]	Result [dBm]
11B	Ant1	2412	2410.49	3.44
		2437	2437.50	2.82
		2462	2460.99	1.89
11G	Ant1	2412	2418.24	-3.57
		2437	2430.73	-3.30
		2462	2455.73	-4.34
11N20SISO	Ant1	2412	2407.02	-3.30
		2437	2432.01	-3.48
		2462	2465.73	-4.73
11N40SISO	Ant1	2422	2436.97	-6.20
		2437	2422.01	-6.18
		2452	2437.00	-6.93

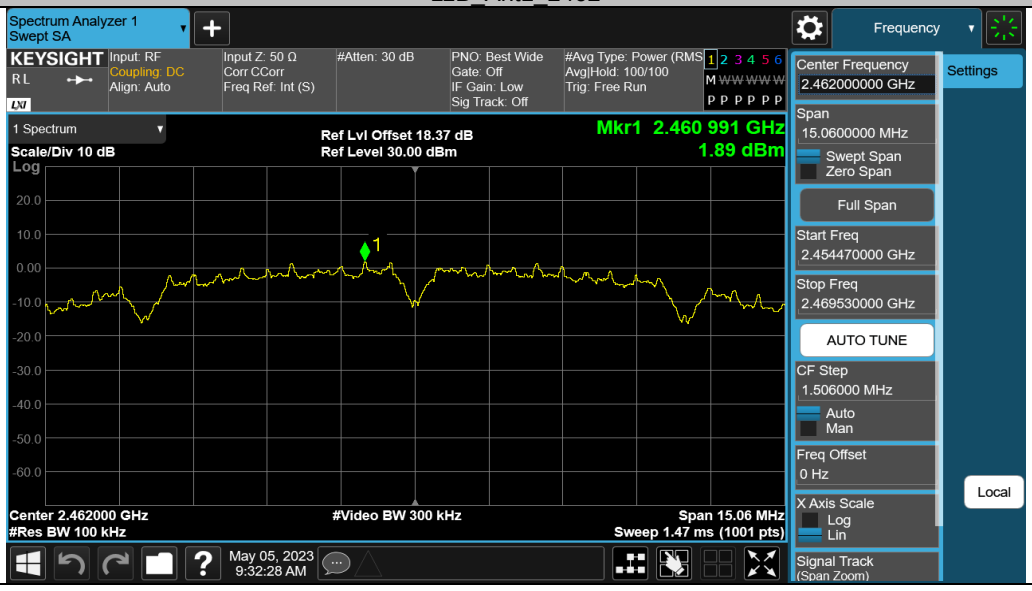
Test Graphs

11B_Ant1_2412

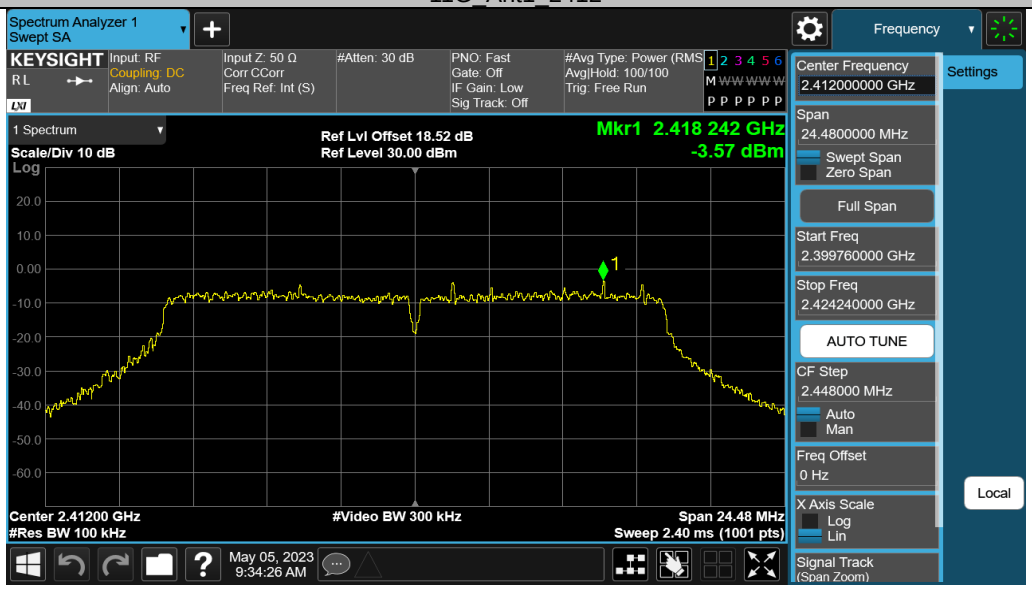
11B_Ant1_2437



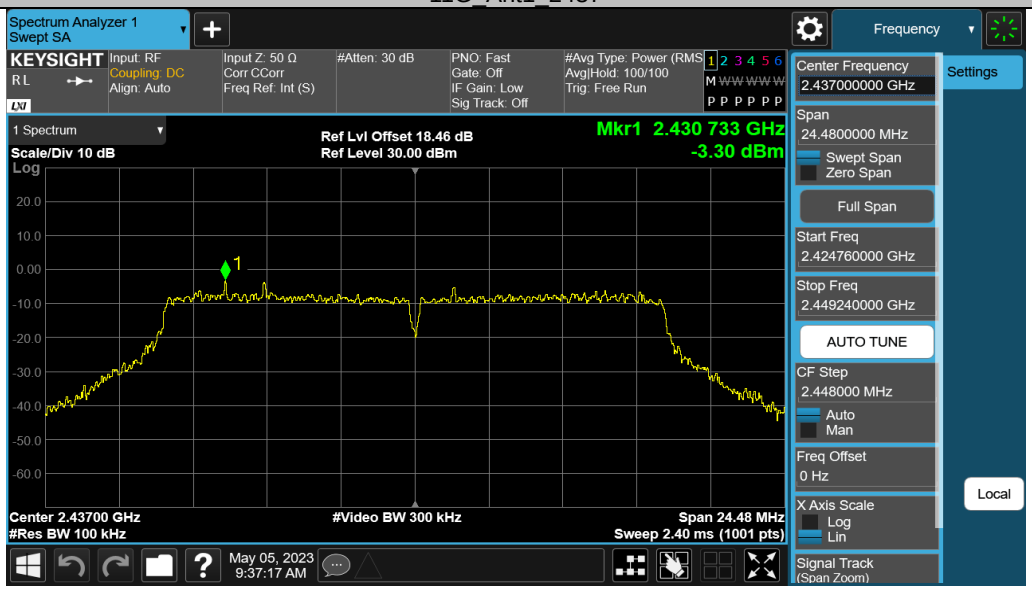
11B_Ant1_2462



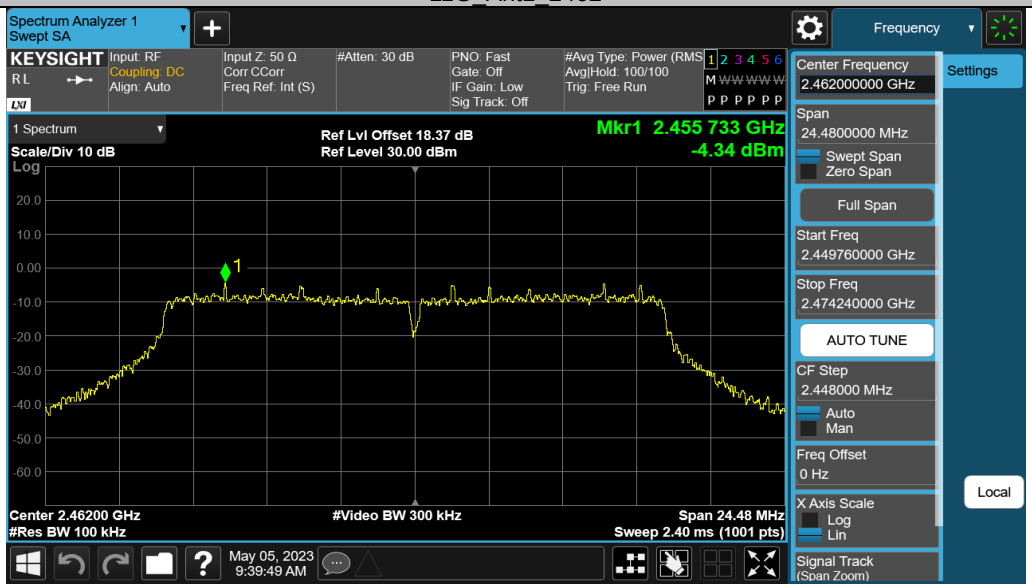
11G_Ant1_2412



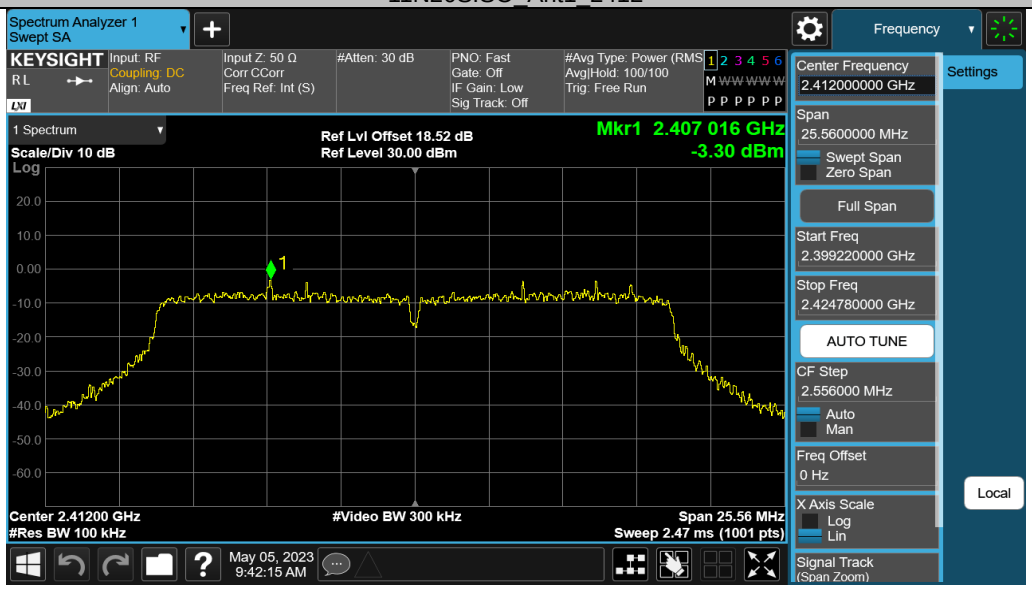
11G_Ant1_2437



11G_Ant1_2462



11N20SISO_Ant1_2412



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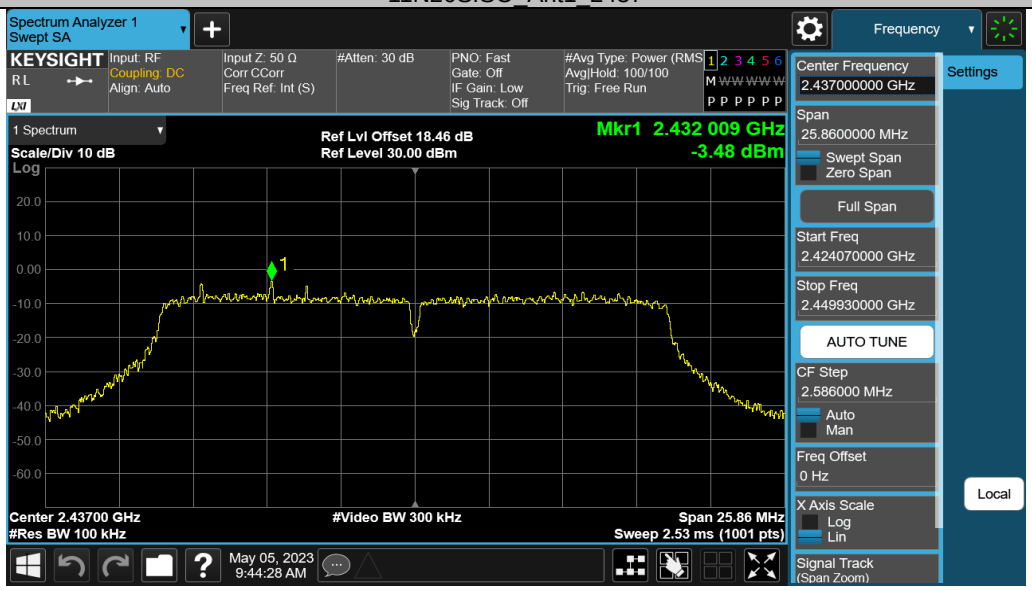
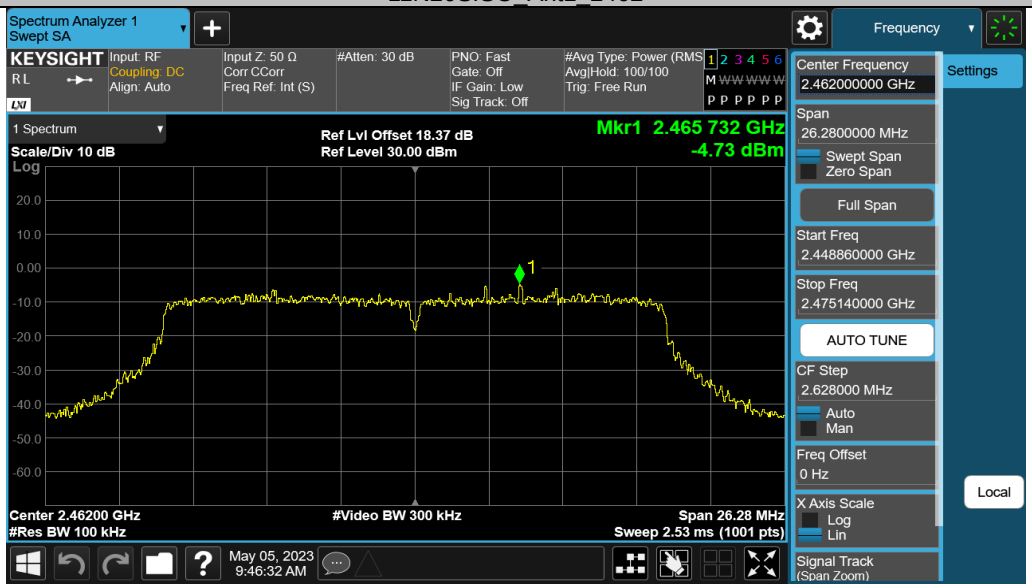
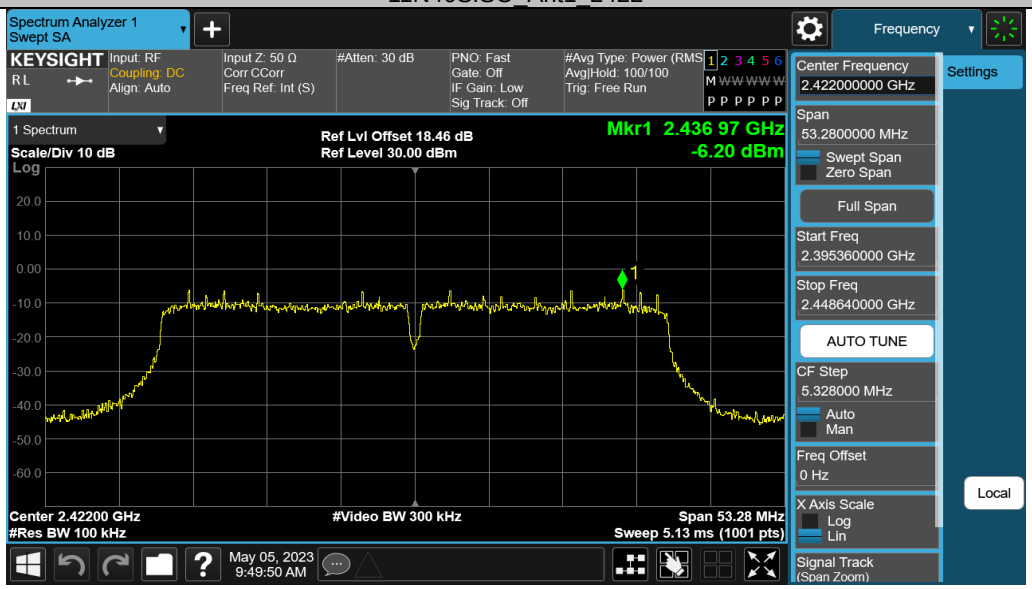


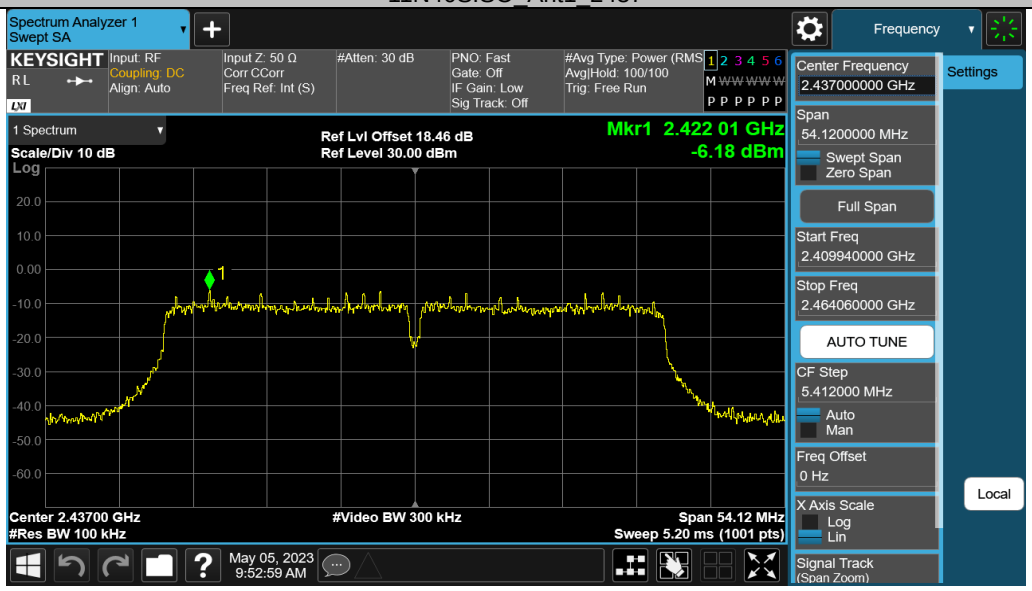
11N20SISO_Ant1_2462



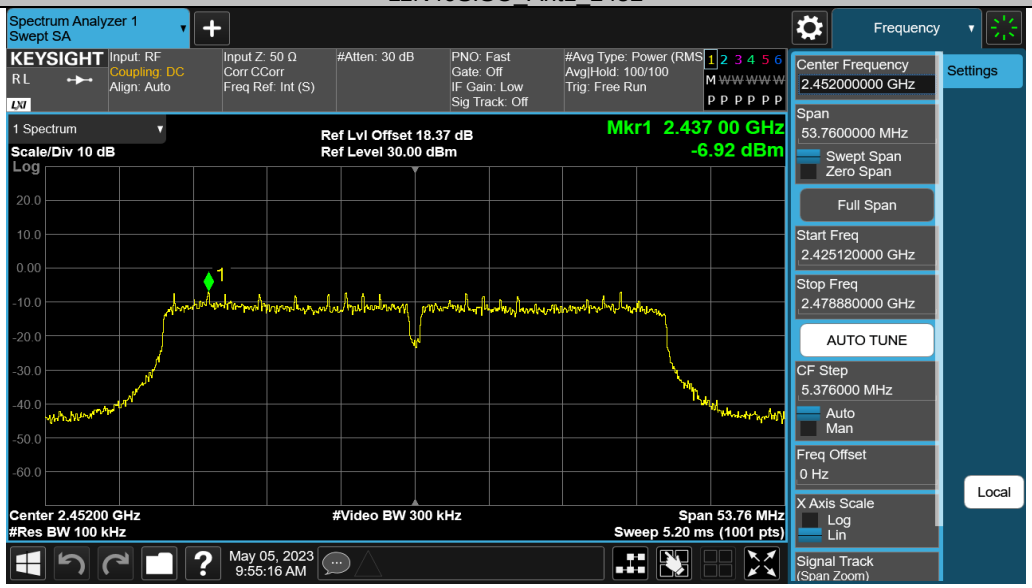
11N40SISO_Ant1_2422



11N40SISO_Ant1_2437



11N40SISO_Ant1_2452



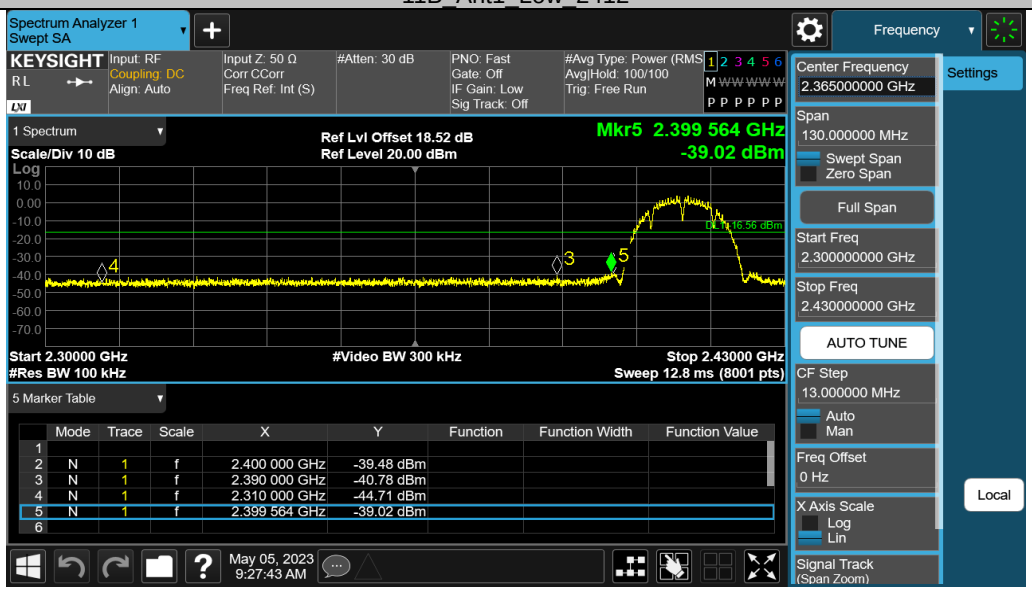
Appendix F: Band edge measurements

Test Result

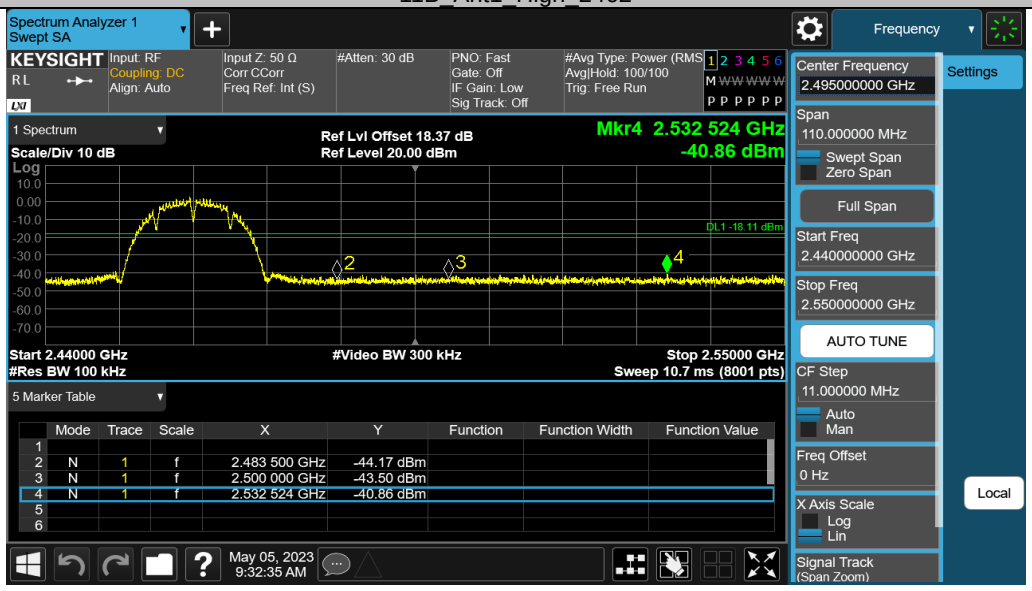
Test Mode	Antenna	Ch Name	Frequency [MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	Low	2412	3.44	-39.02	≤-16.56	PASS
		High	2462	1.89	-40.86	≤-18.11	PASS
11G	Ant1	Low	2412	-3.57	-40.39	≤-23.57	PASS
		High	2462	-4.34	-40.89	≤-24.34	PASS
11N20SISO	Ant1	Low	2412	-3.30	-38.84	≤-23.3	PASS
		High	2462	-4.73	-39.7	≤-24.73	PASS
11N40SISO	Ant1	Low	2422	-6.20	-39.34	≤-26.2	PASS
		High	2452	-6.93	-40.72	≤-26.93	PASS

Test Graphs

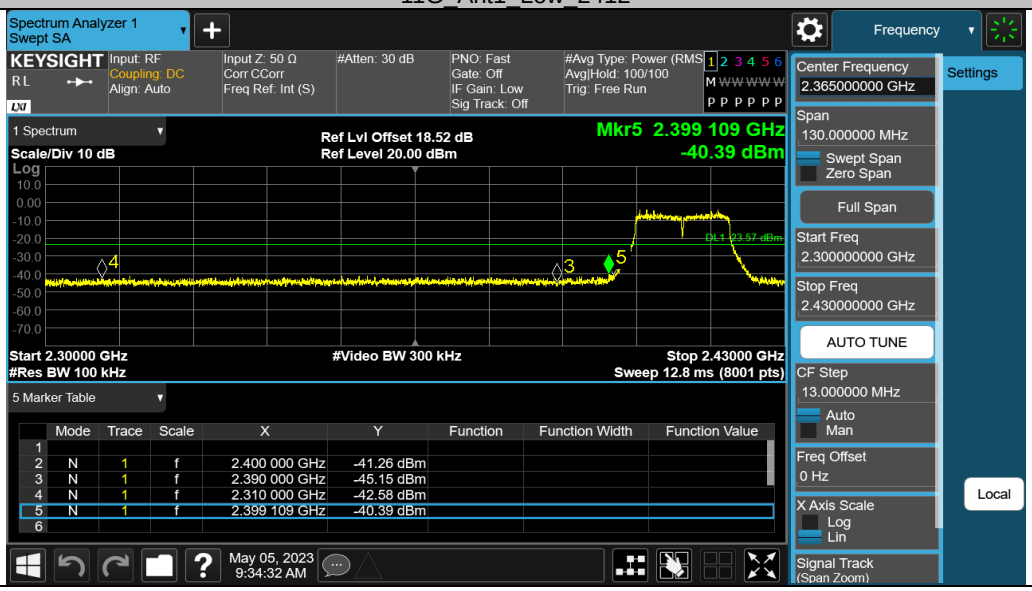
11B_Ant1_Low_2412



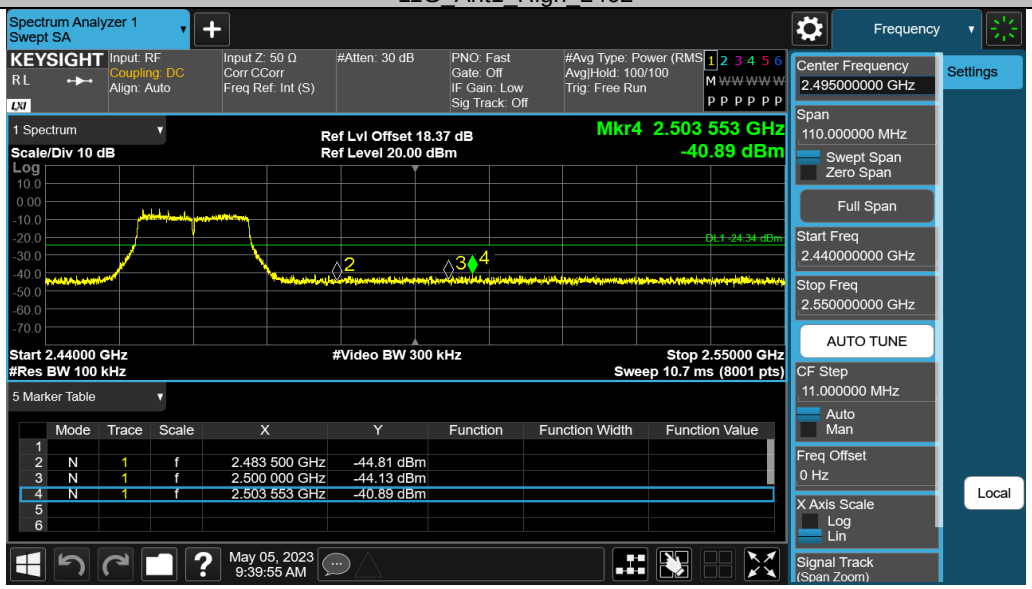
11B_Ant1_High_2462



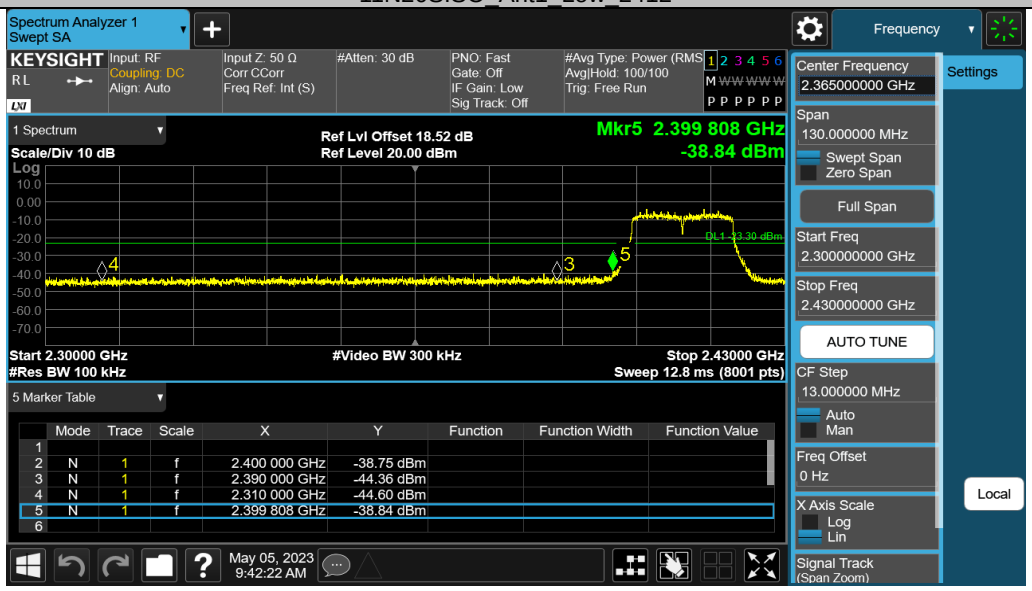
11G_Ant1_Low_2412



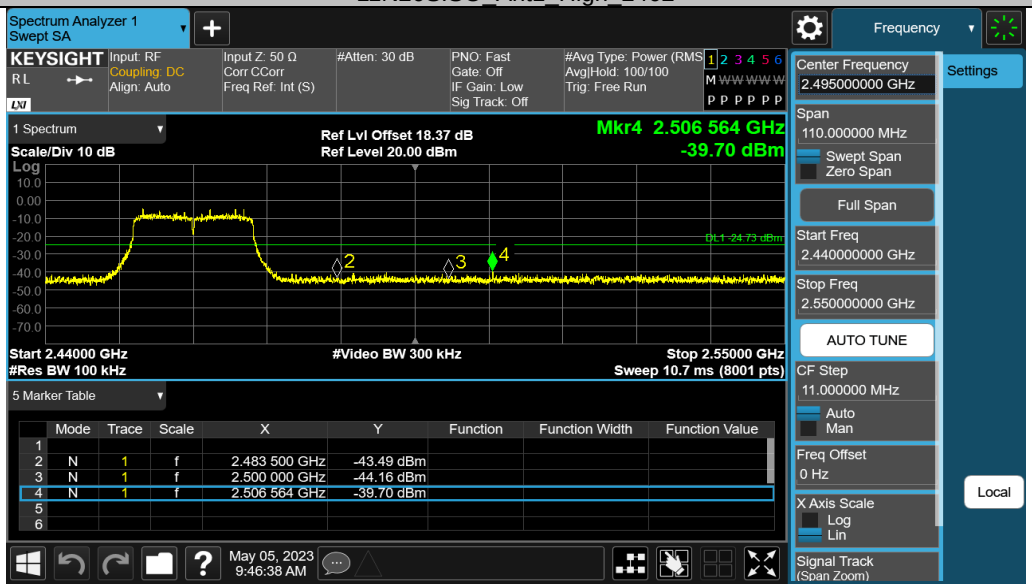
11G_Ant1_High_2462



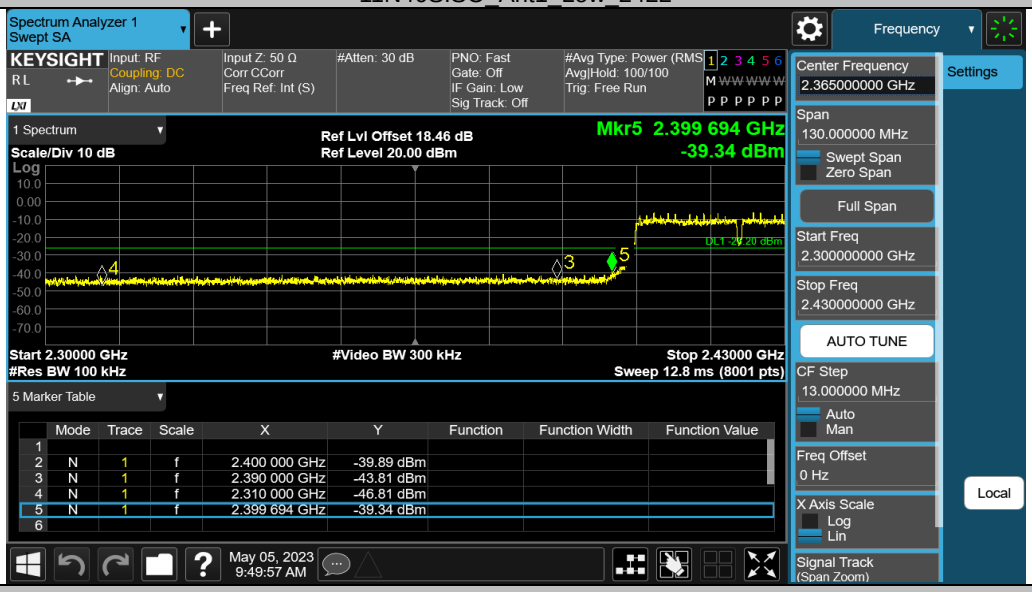
11N20SISO_Ant1_Low_2412



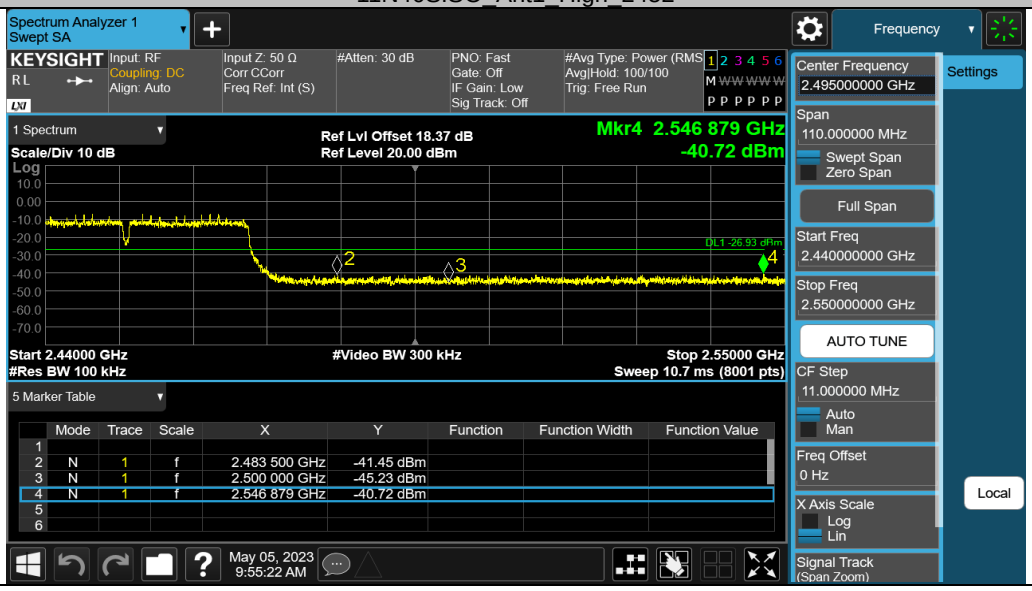
11N20SISO_Ant1_High_2462



11N40SISO_Ant1_Low_2422



11N40SISO_Ant1_High_2452



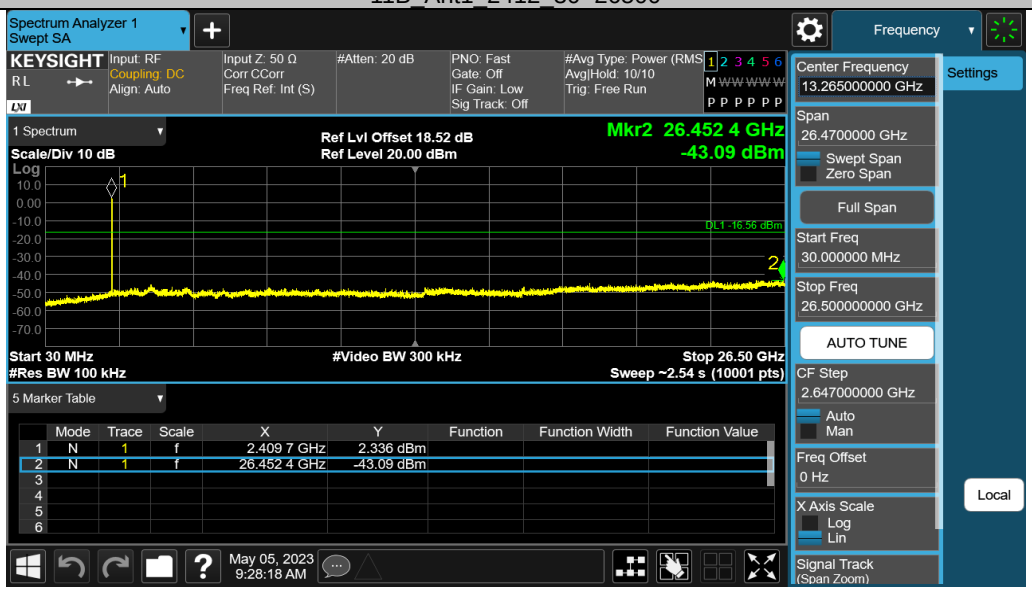
Appendix G: Conducted Spurious Emission

Test Result

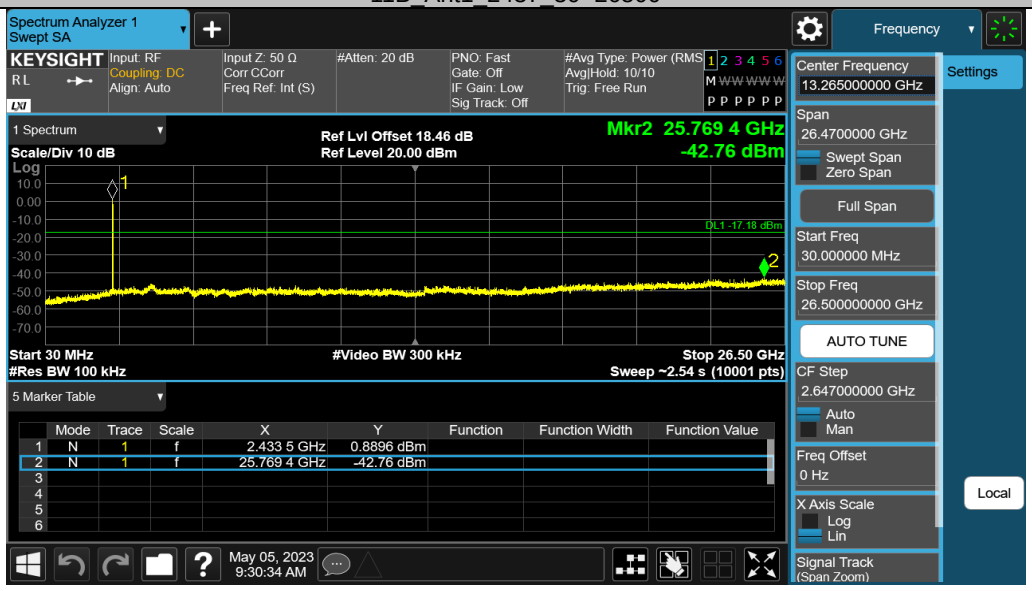
Test Mode	Antenna	Frequency [MHz]	Freq Range [MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	30~26500	3.44	-43.09	≤-16.56	PASS
		2437	30~26500	2.82	-42.76	≤-17.18	PASS
		2462	30~26500	1.89	-41.83	≤-18.11	PASS
11G	Ant1	2412	30~26500	-3.57	-43.06	≤-23.57	PASS
		2437	30~26500	-3.30	-42.84	≤-23.3	PASS
		2462	30~26500	-4.34	-42.39	≤-24.34	PASS
11N20SISO	Ant1	2412	30~26500	-3.30	-42.31	≤-23.3	PASS
		2437	30~26500	-3.48	-42.64	≤-23.48	PASS
		2462	30~26500	-4.73	-43.16	≤-24.73	PASS
11N40SISO	Ant1	2422	30~26500	-6.20	-42.71	≤-26.2	PASS
		2437	30~26500	-6.18	-42.39	≤-26.18	PASS
		2452	30~26500	-6.93	-41.32	≤-26.93	PASS

Test Graphs

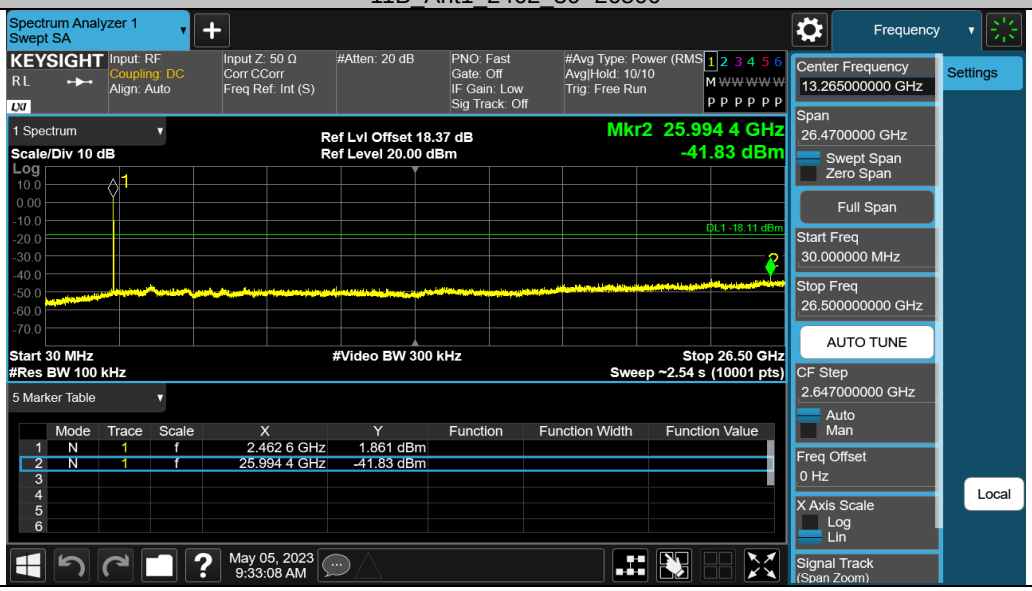
11B_Ant1_2412_30~26500



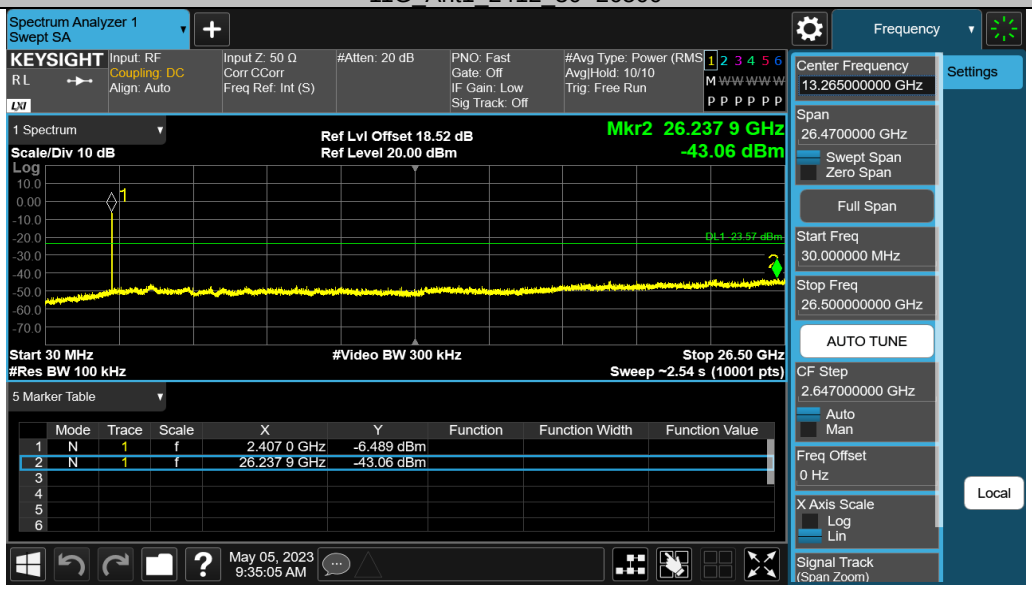
11B_Ant1_2437_30~26500



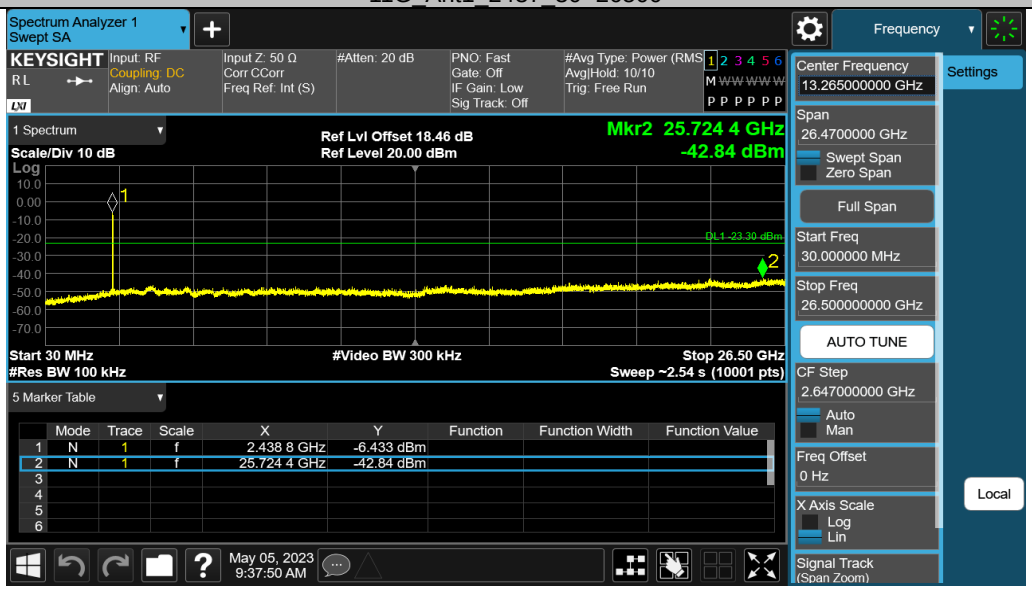
11B_Ant1_2462_30~26500



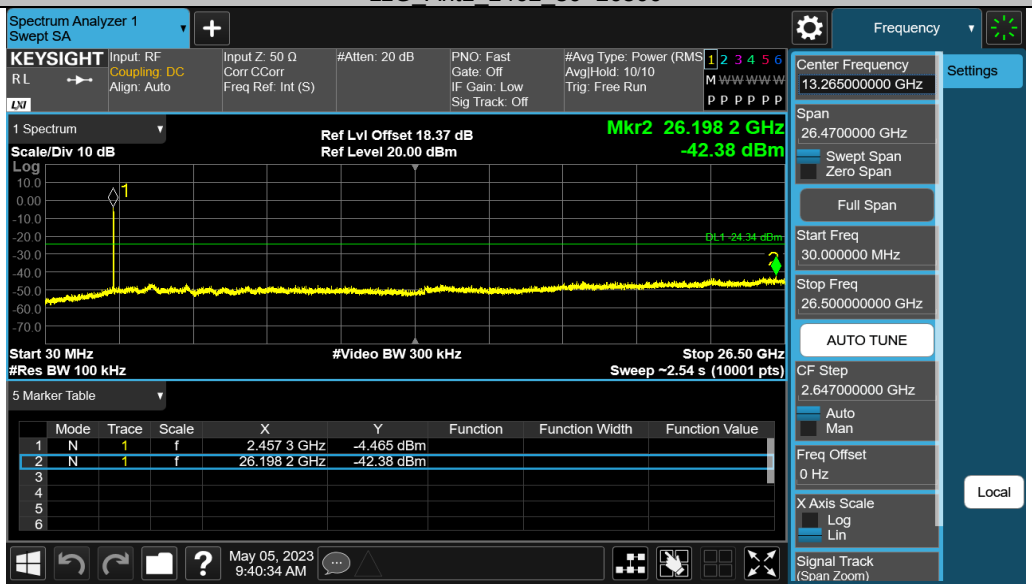
11G_Ant1_2412_30~26500



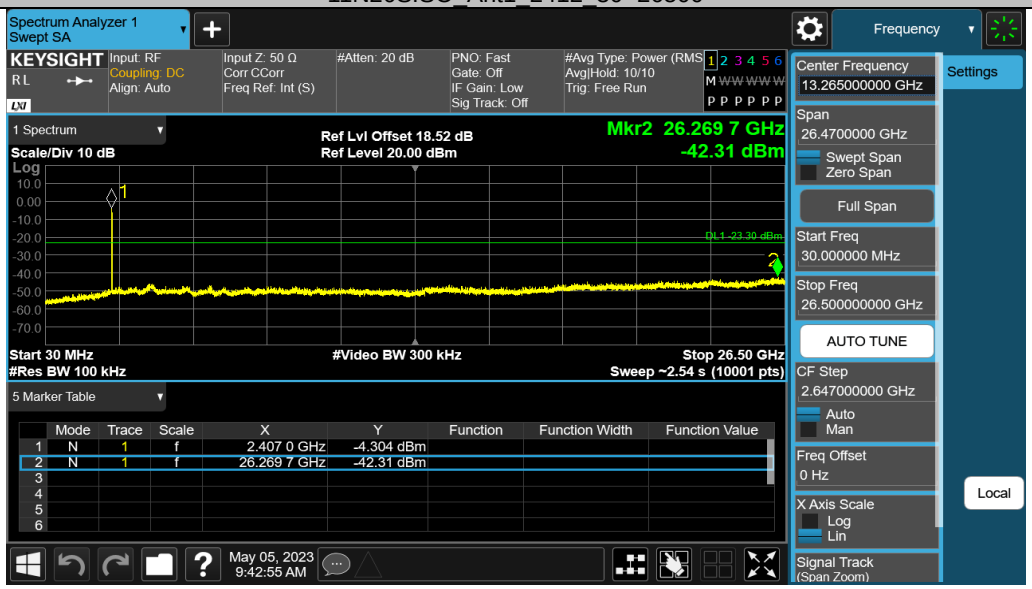
11G_Ant1_2437_30~26500



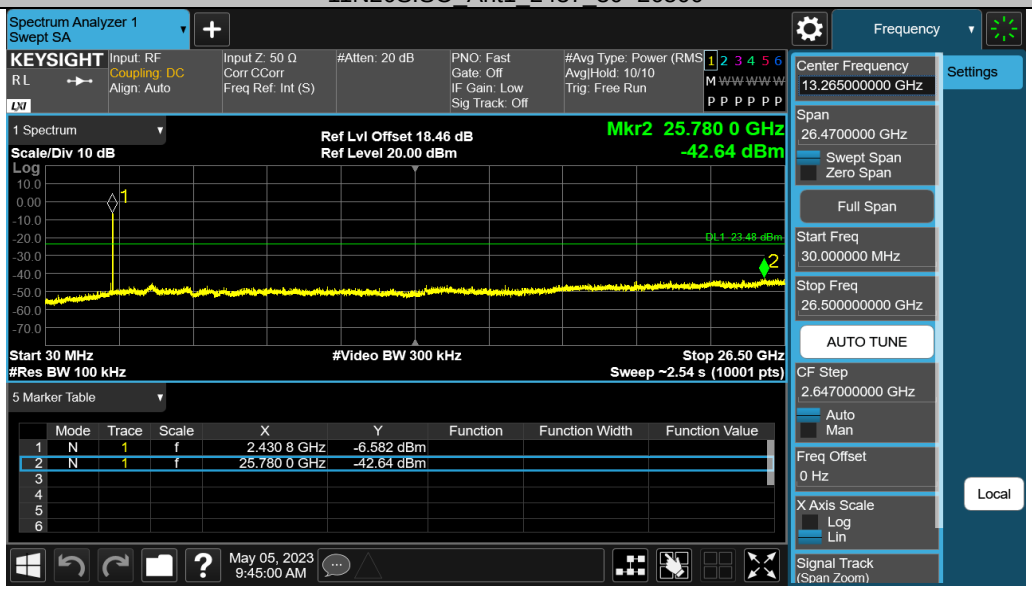
11G_Ant1_2462_30~26500



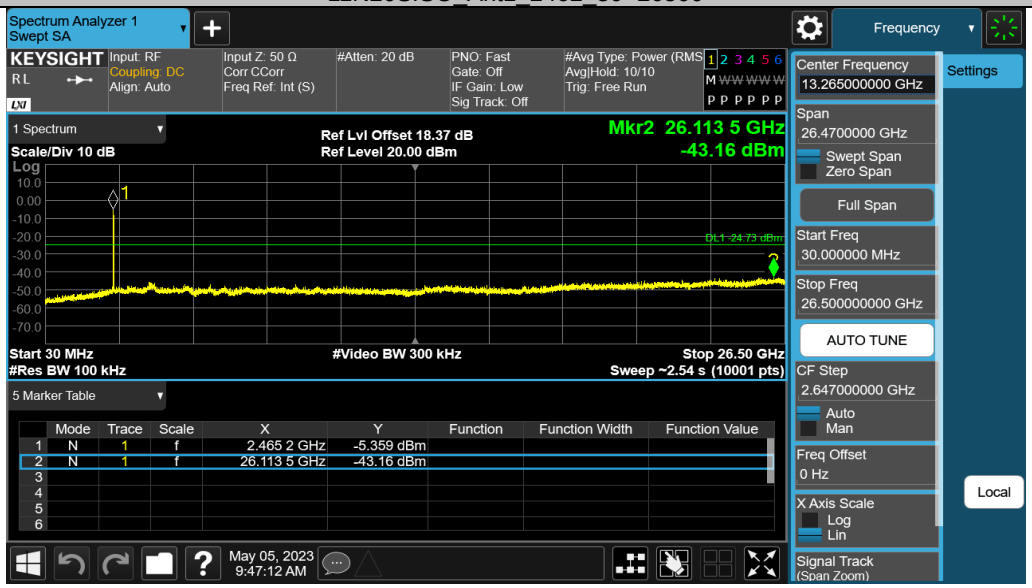
11N20SISO_Ant1_2412_30~26500



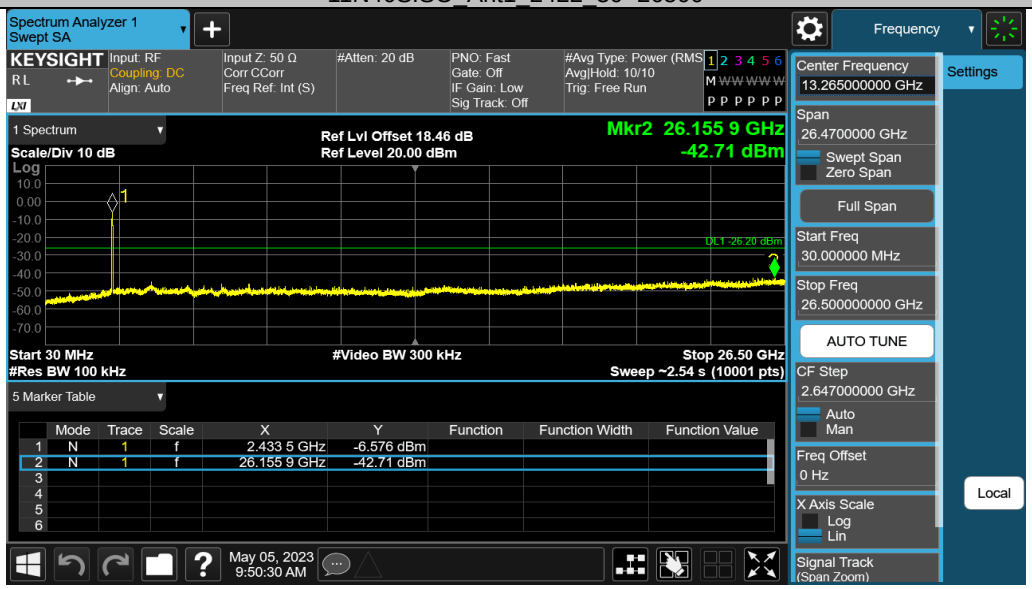
11N20SISO_Ant1_2437_30~26500



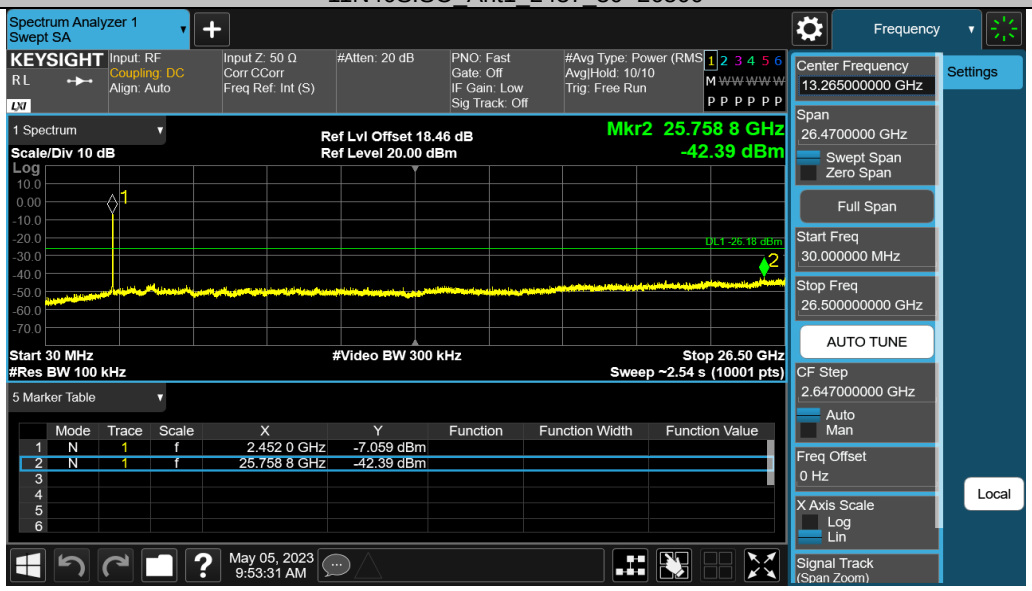
11N20SISO_Ant1_2462_30~26500



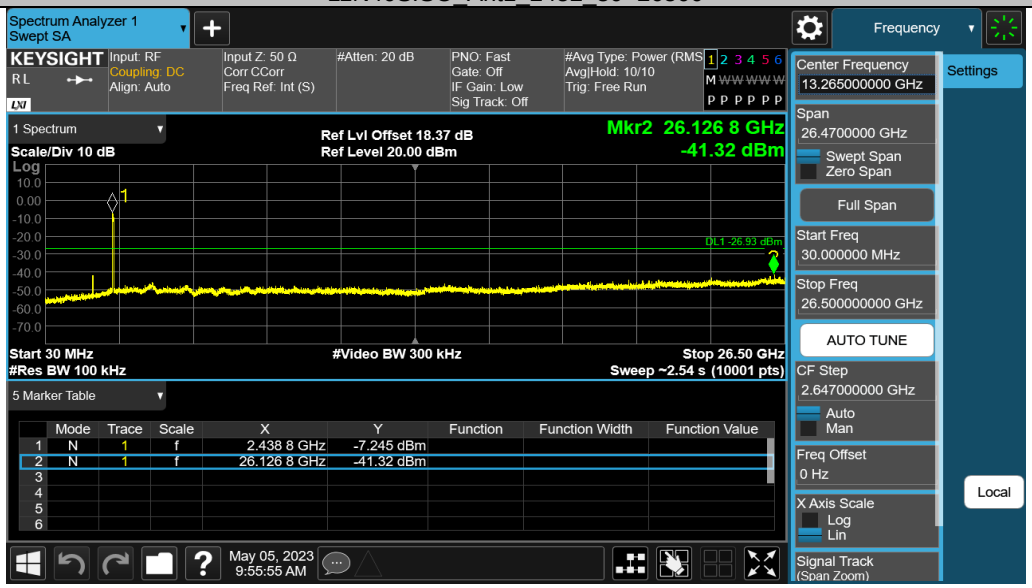
11N40SISO_Ant1_2422_30~26500



11N40SISO_Ant1_2437_30~26500

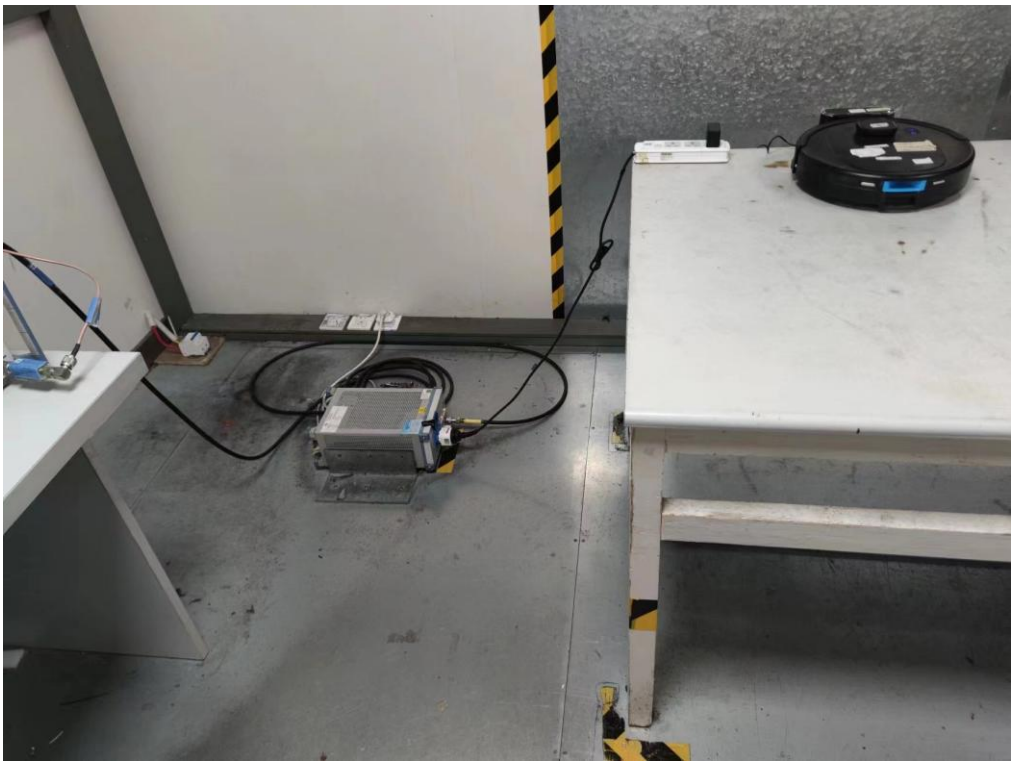


11N40SISO_Ant1_2452_30~26500

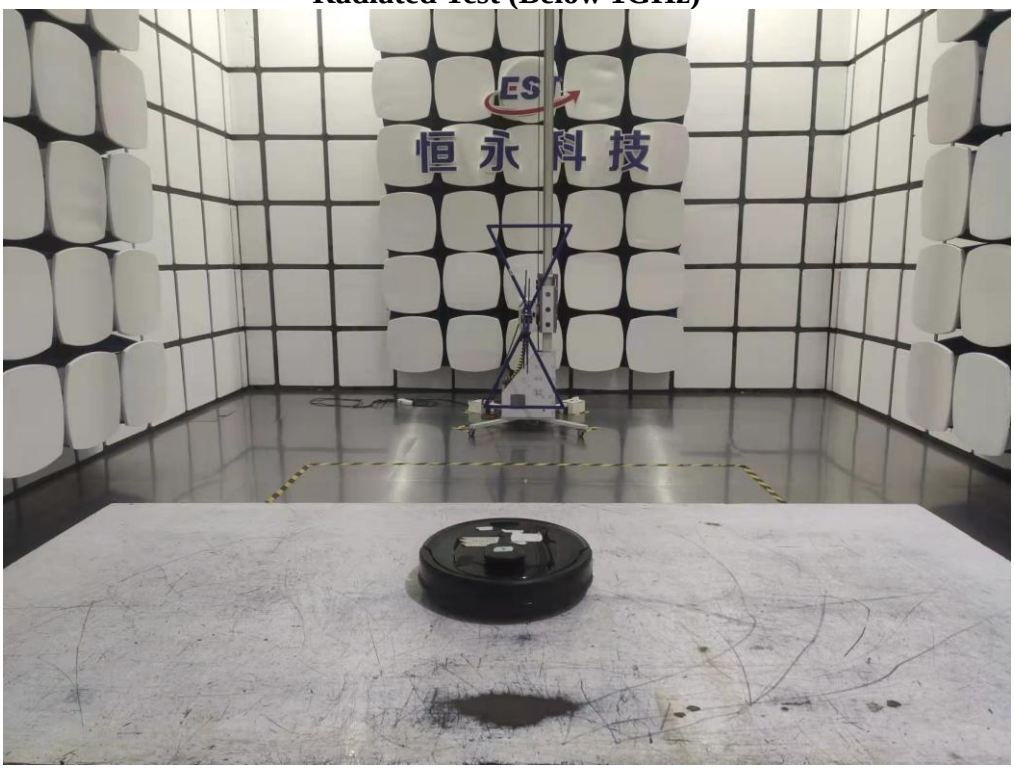


12. TEST SETUP PHOTO

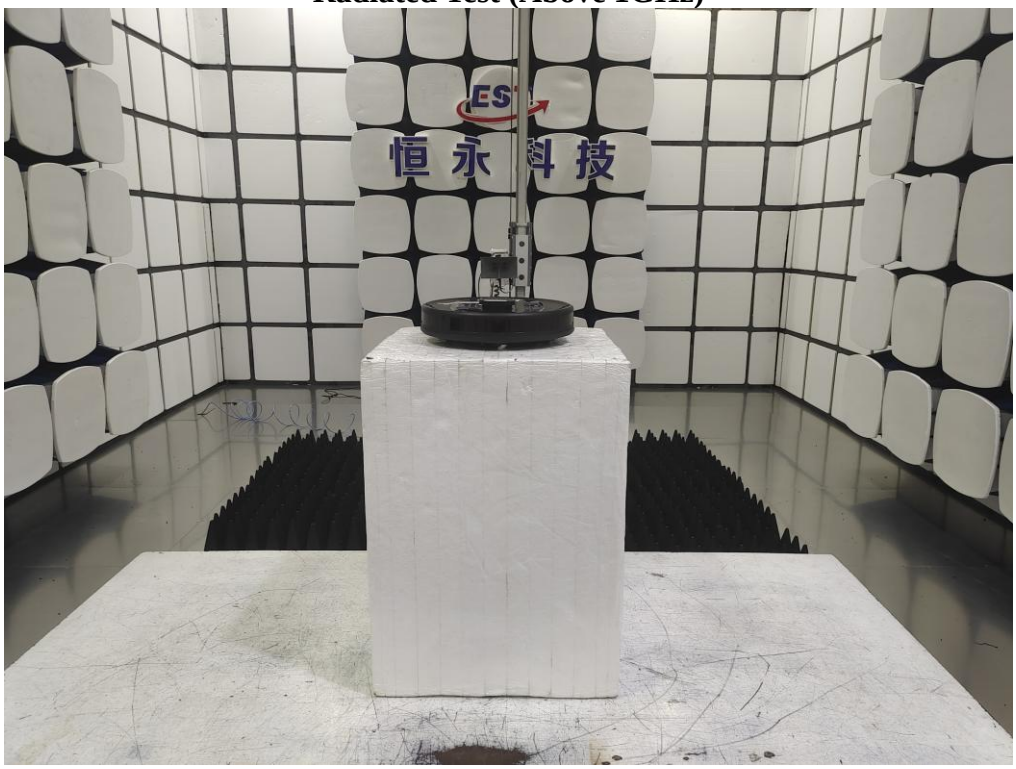
Conducted Test



Radiated Test (Below 1GHz)



Radiated Test (Above 1GHz)



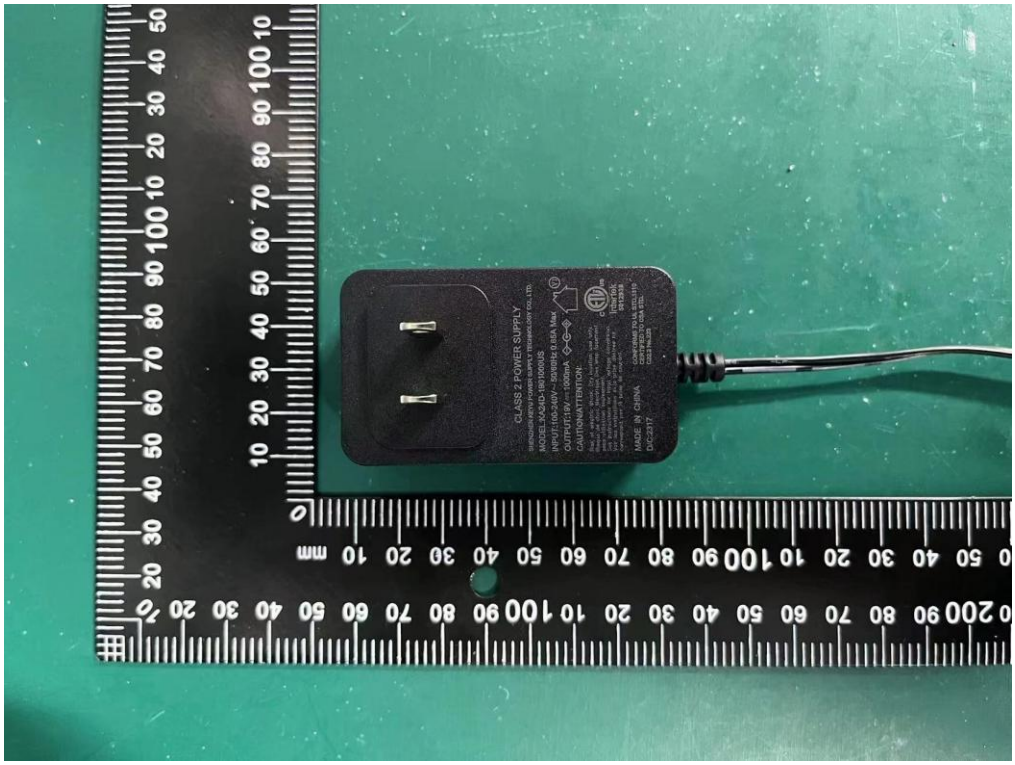
13. EUT PHOTO

External Photos

M/N: SL62

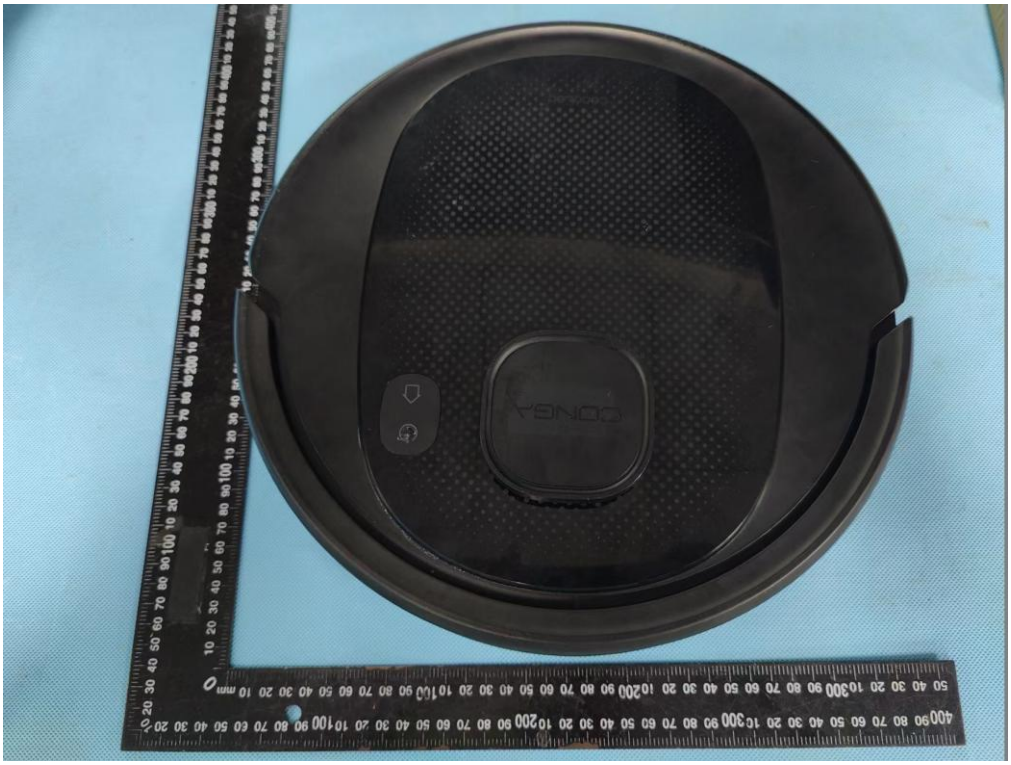
External Photos

M/N: SL62



External Photos

M/N: SL62



External Photos

M/N: SL62

External Photos

M/N: SL62