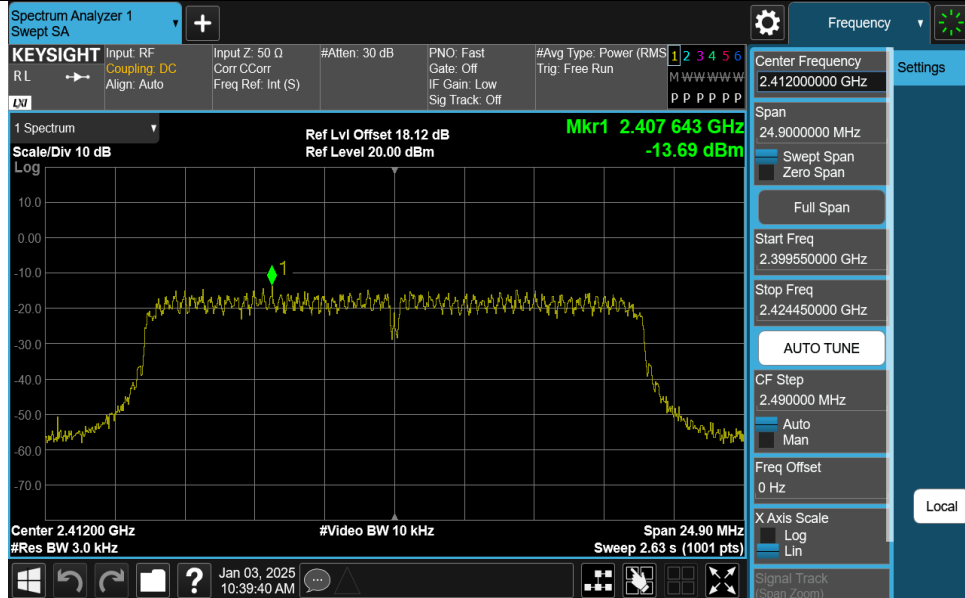
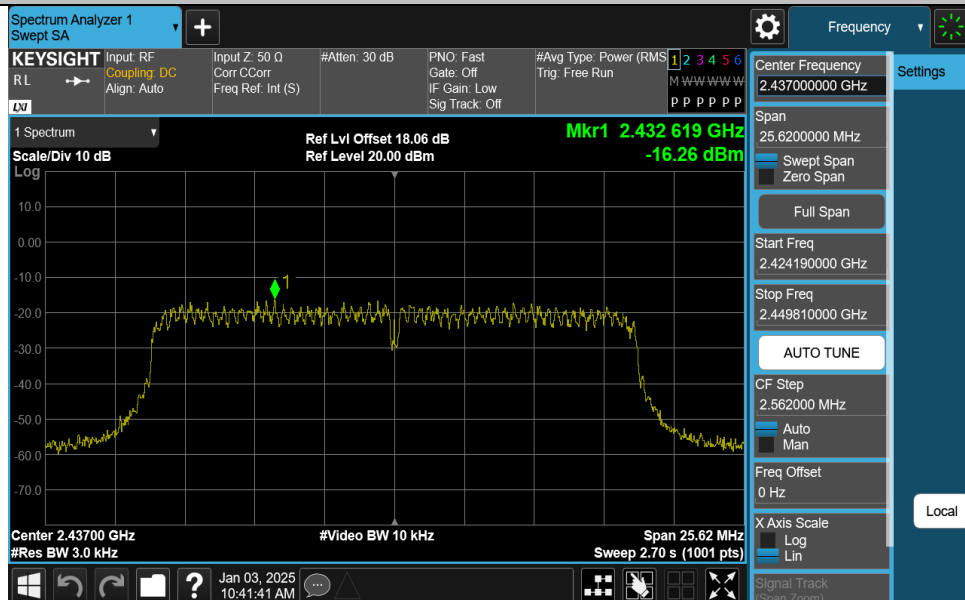


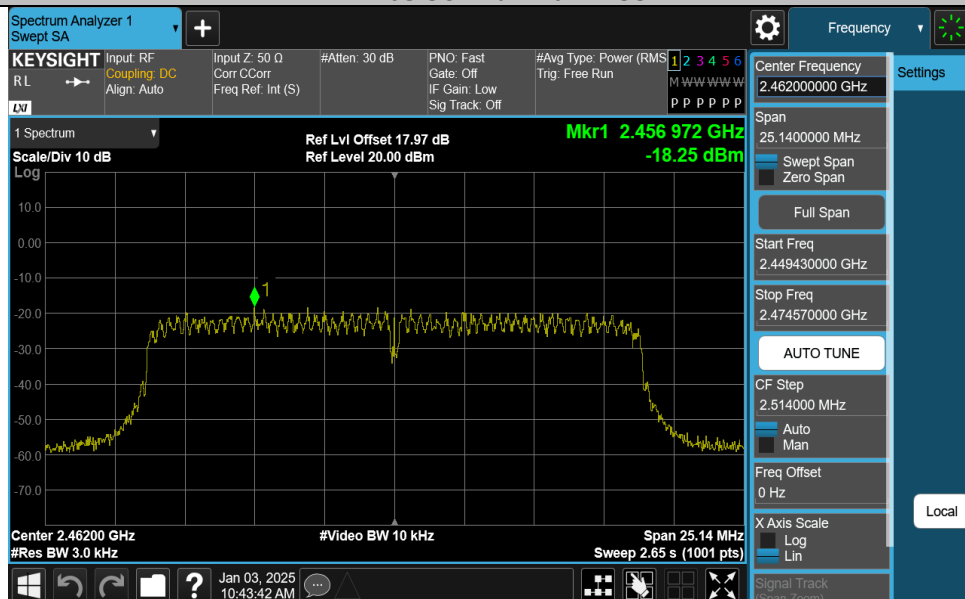
11N20SISO-Ant1-2412-PASS



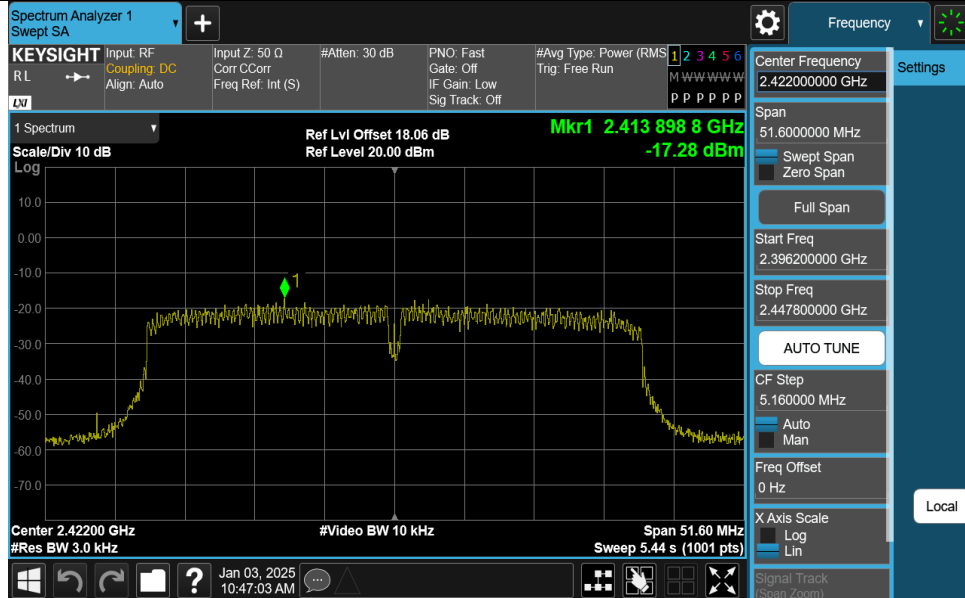
11N20SISO-Ant1-2437-PASS



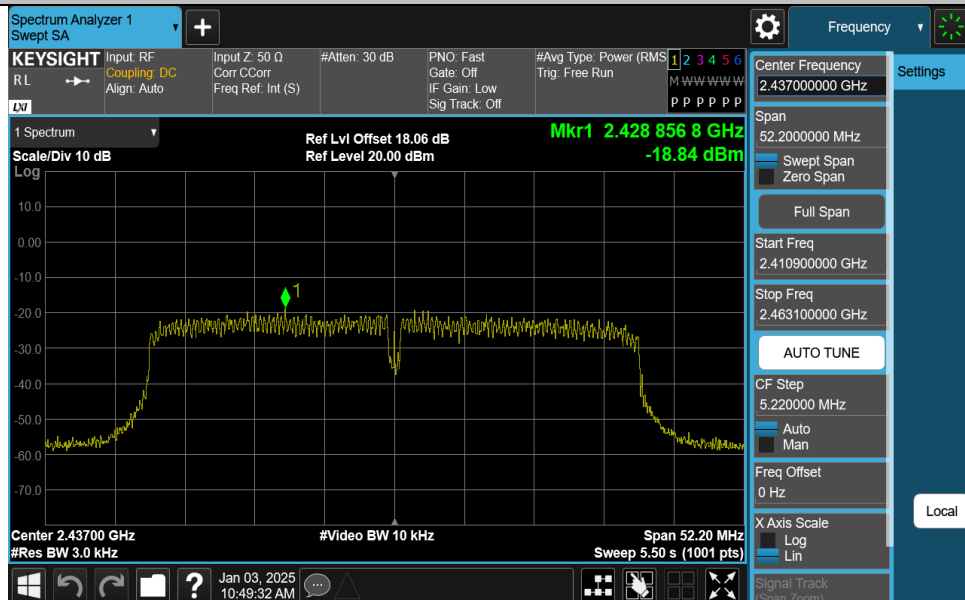
11N20SISO-Ant1-2462-PASS



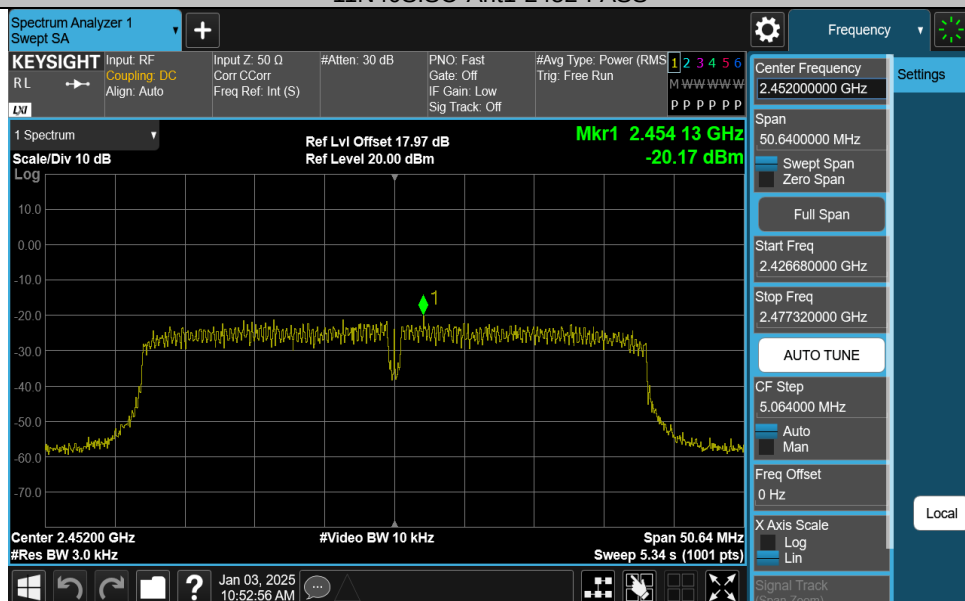
11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2437-PASS



11N40SISO-Ant1-2452-PASS



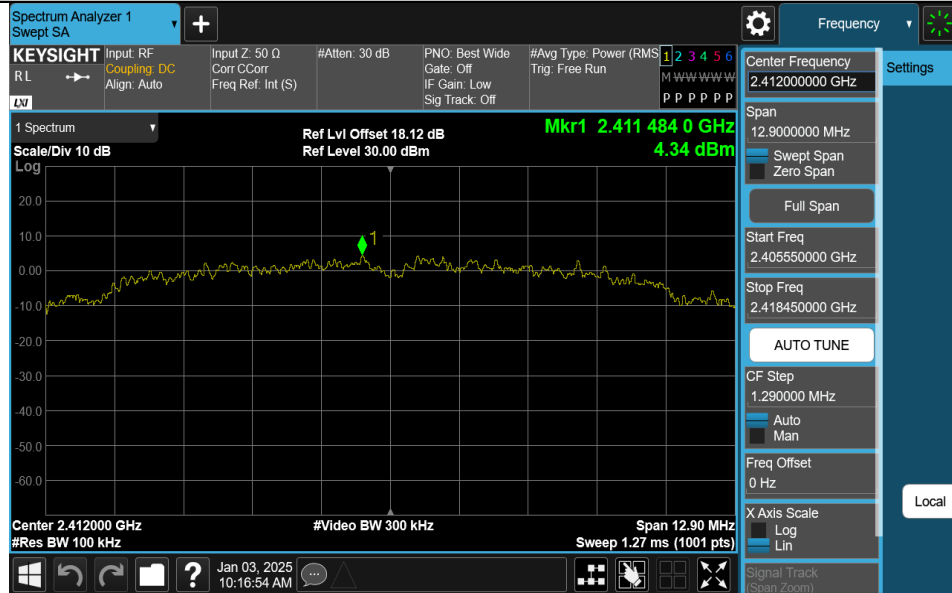
Appendix D: Reference level measurement

Test Result

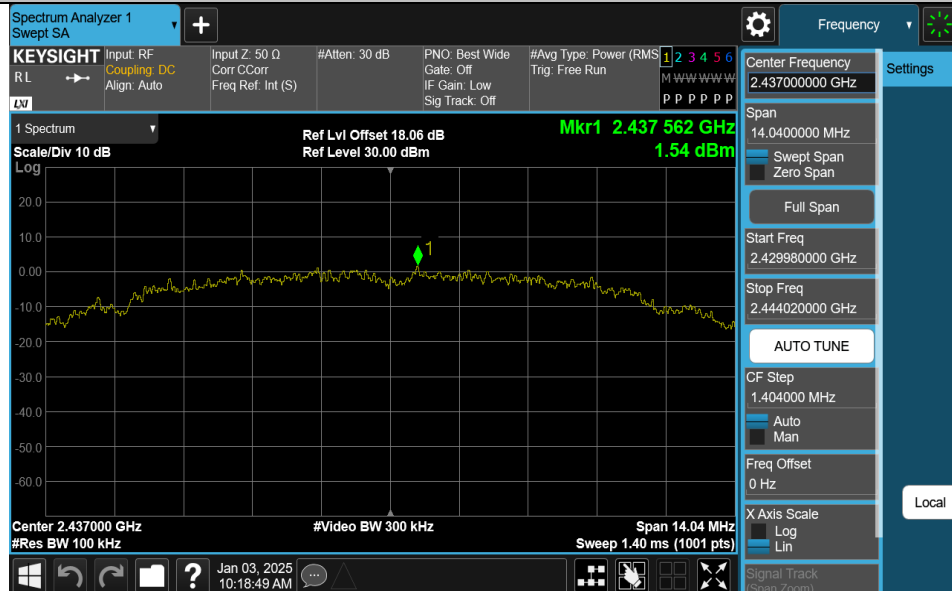
Test Mode	Antenna	Freq(MHz)	Max.Point[MHz]	Result[dBm]
11B	Ant1	2412	2411.48	4.34
11B	Ant1	2437	2437.56	1.54
11B	Ant1	2462	2461.54	0.23
11G	Ant1	2412	2410.48	-1.86
11G	Ant1	2437	2444.51	-1.81
11G	Ant1	2462	2469.48	-5.48
11N20SISO	Ant1	2412	2407.02	0.10
11N20SISO	Ant1	2437	2429.49	-2.29
11N20SISO	Ant1	2462	2463.23	-5.44
11N40SISO	Ant1	2422	2415.76	-4.21
11N40SISO	Ant1	2437	2433.24	-5.90
11N40SISO	Ant1	2452	2448.25	-7.36

Test Graphs

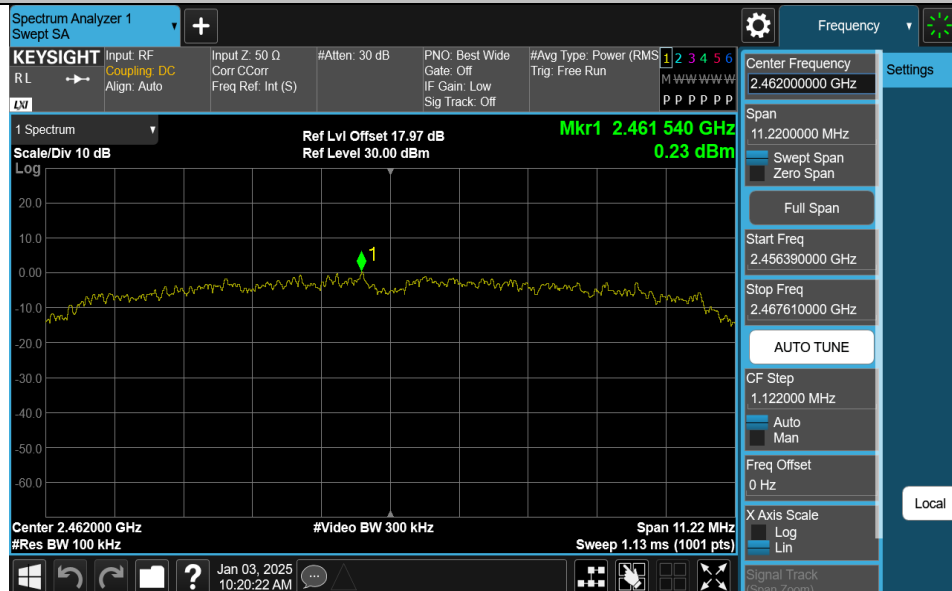
11B-Ant1-2412-PASS



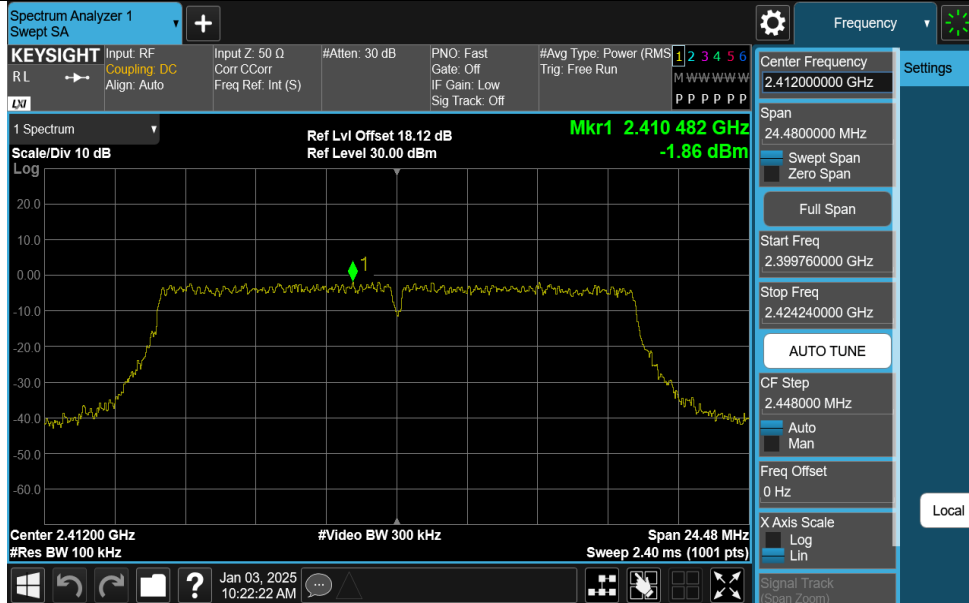
11B-Ant1-2437-PASS



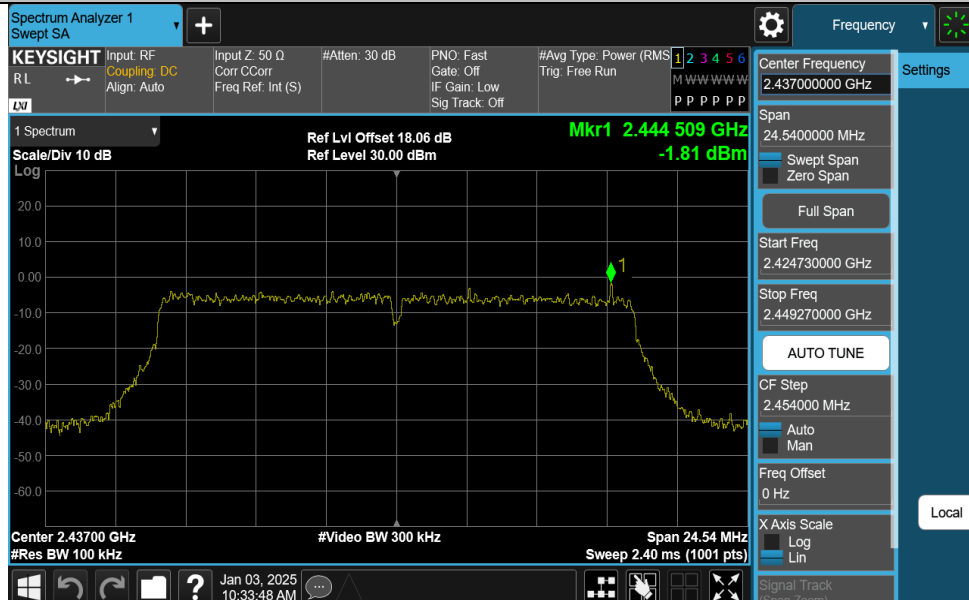
11B-Ant1-2462-PASS



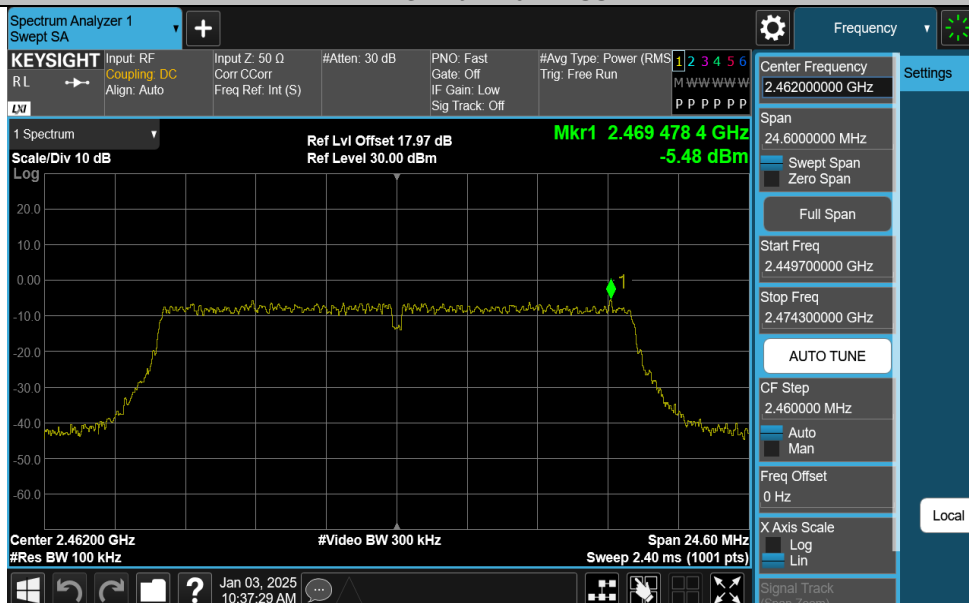
11G-Ant1-2412-PASS



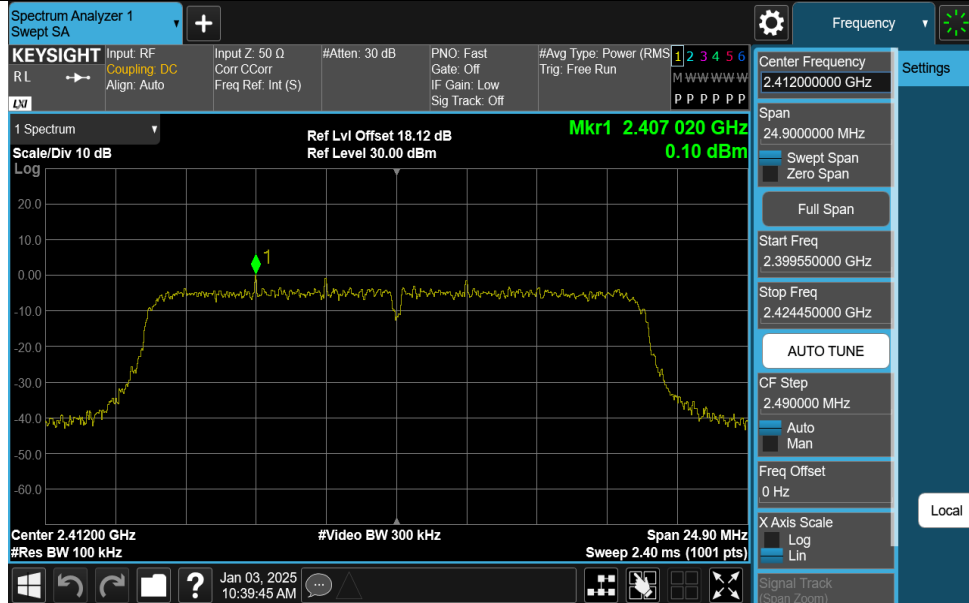
11G-Ant1-2437-PASS



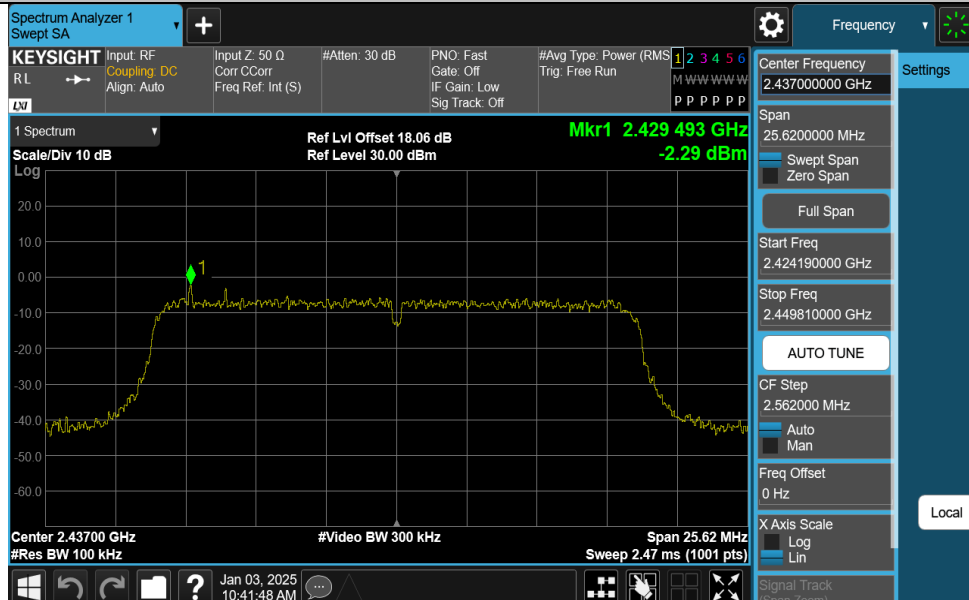
11G-Ant1-2462-PASS



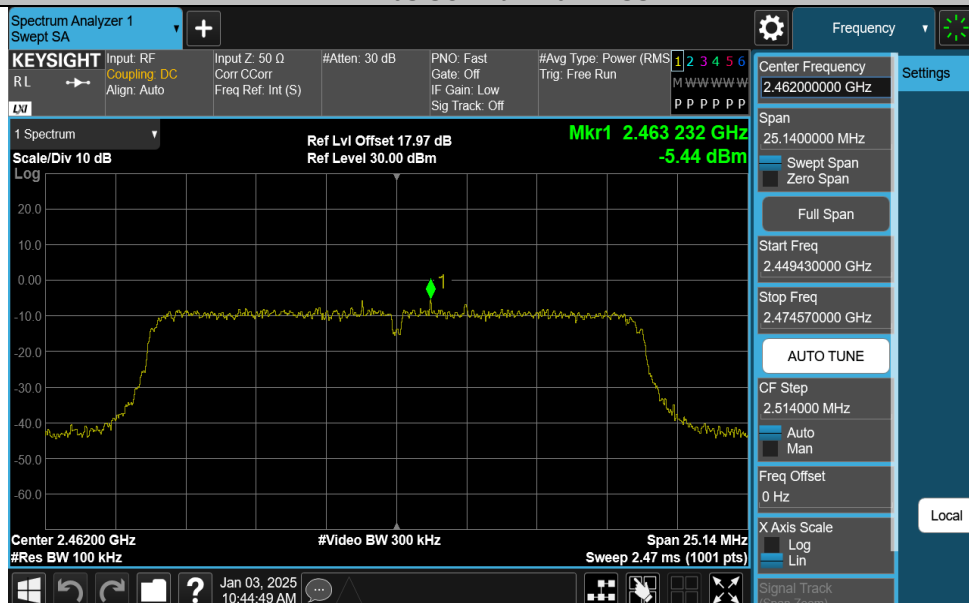
11N20SISO-Ant1-2412-PASS



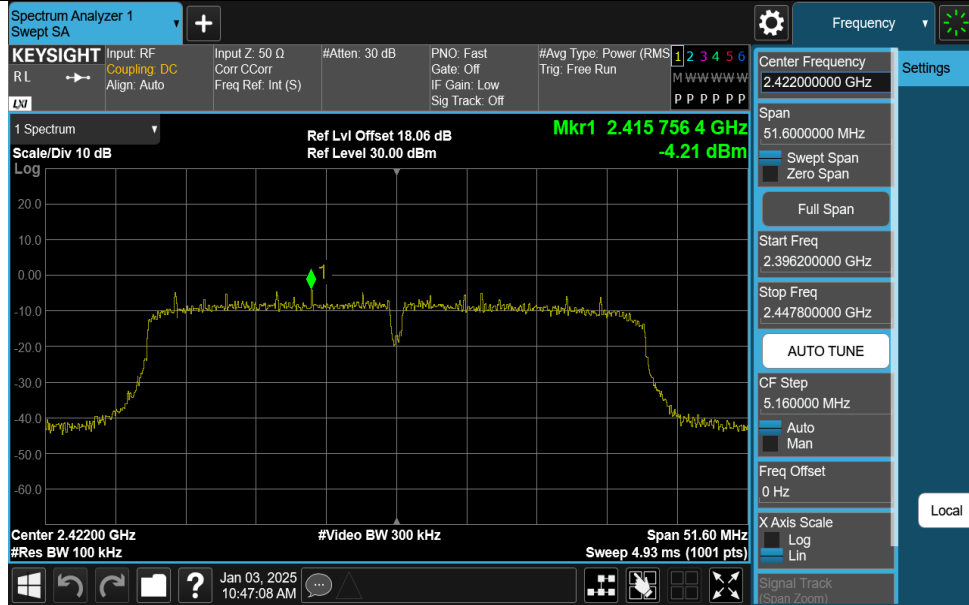
11N20SISO-Ant1-2437-PASS



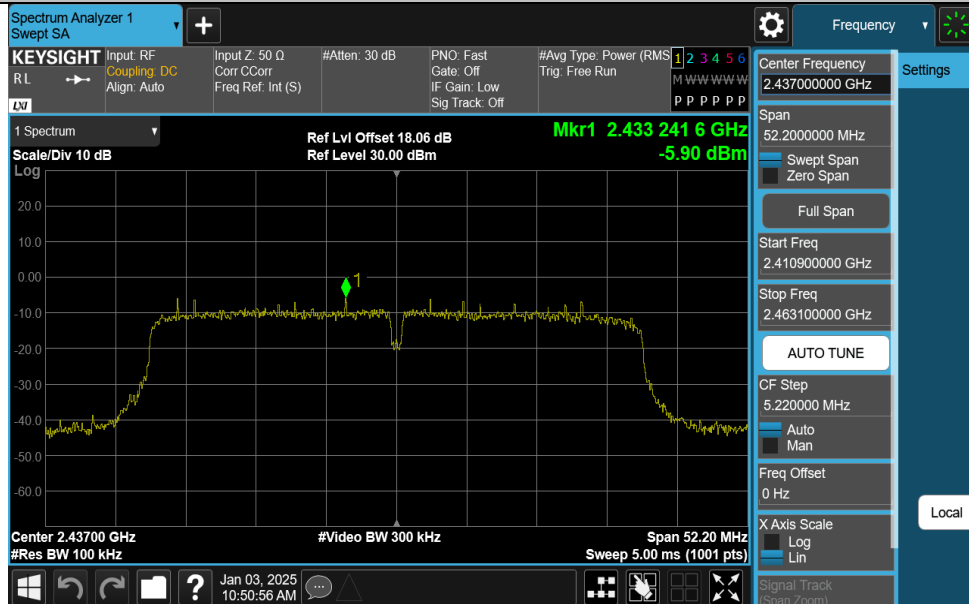
11N20SISO-Ant1-2462-PASS



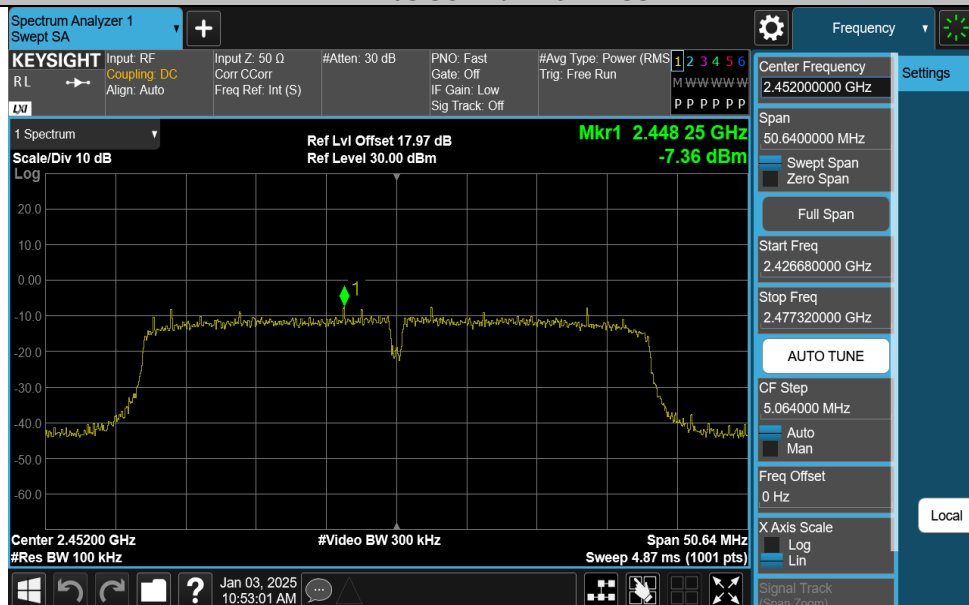
11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2437-PASS



11N40SISO-Ant1-2452-PASS



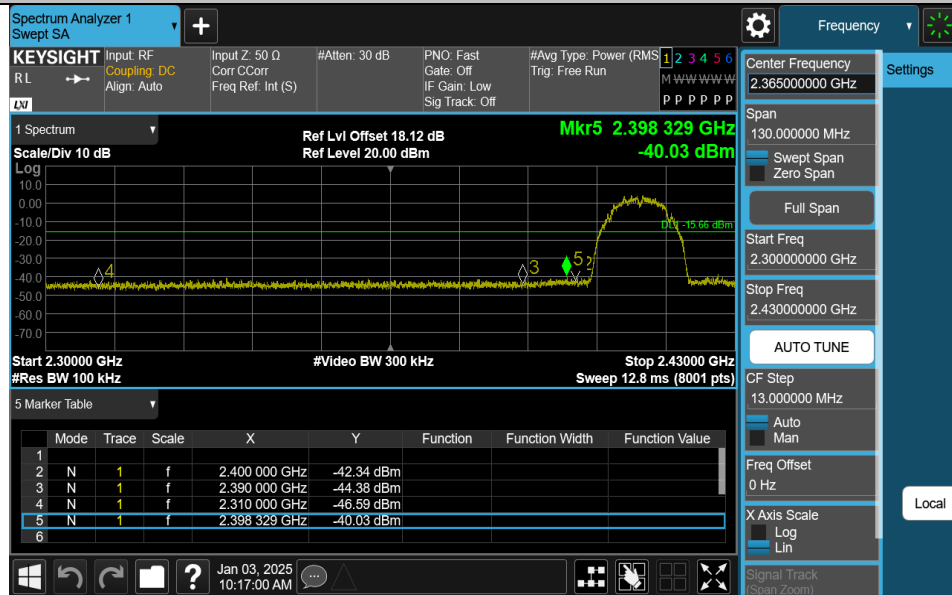
Appendix E: Band edge measurements

Test Result

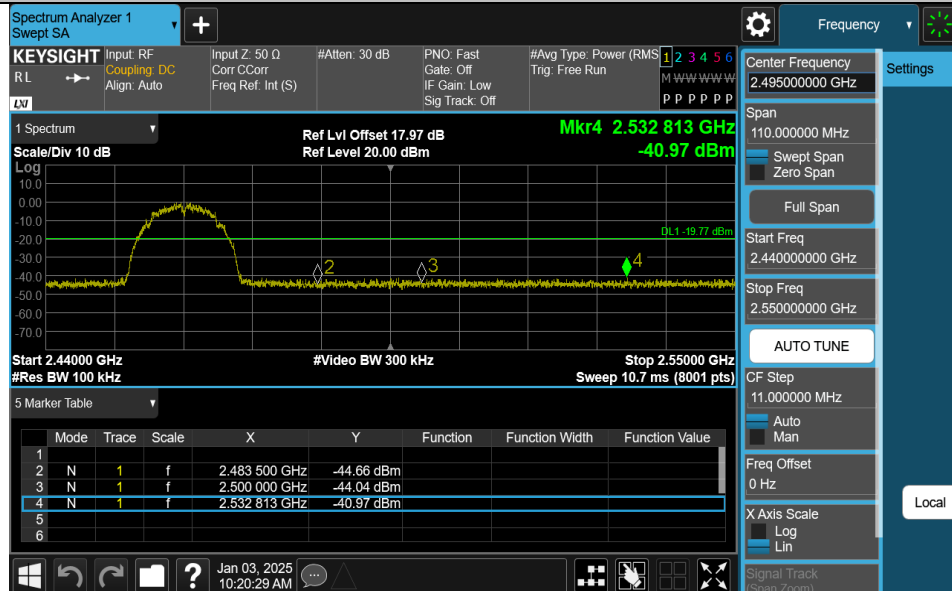
Test Mode	Antenna	Ch Name	Frequency [MHz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	Low	2412	4.34	-40.03	≤-15.66	PASS
11B	Ant1	High	2462	0.23	-40.97	≤-19.77	PASS
11G	Ant1	Low	2412	-1.86	-38.20	≤-21.86	PASS
11G	Ant1	High	2462	-5.48	-40.27	≤-25.48	PASS
11N20SISO	Ant1	Low	2412	0.10	-39.89	≤-19.90	PASS
11N20SISO	Ant1	High	2462	-5.44	-40.29	≤-25.44	PASS
11N40SISO	Ant1	Low	2422	-4.21	-38.16	≤-24.21	PASS
11N40SISO	Ant1	High	2452	-7.36	-39.92	≤-27.36	PASS

Test Graphs

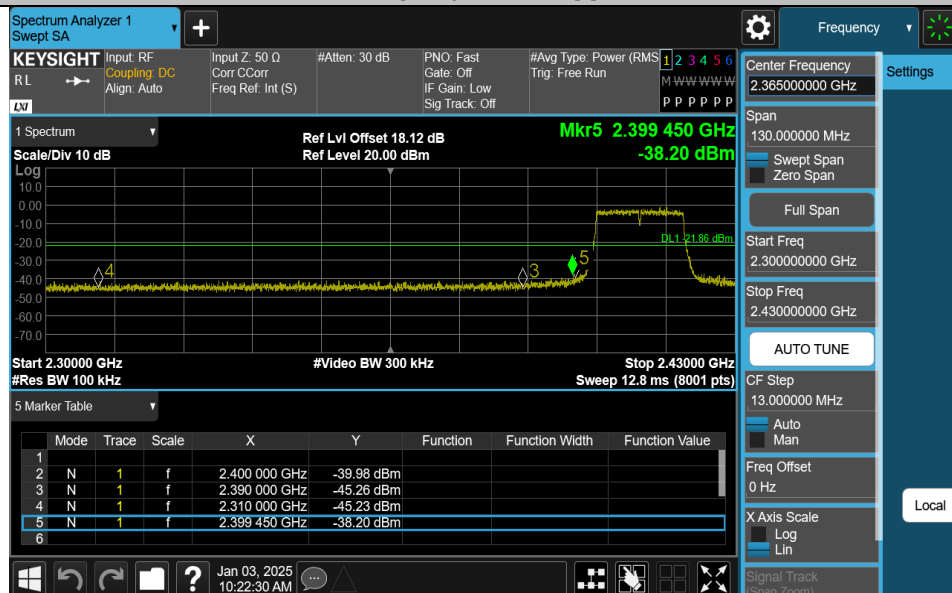
11B-Ant1-2412-PASS



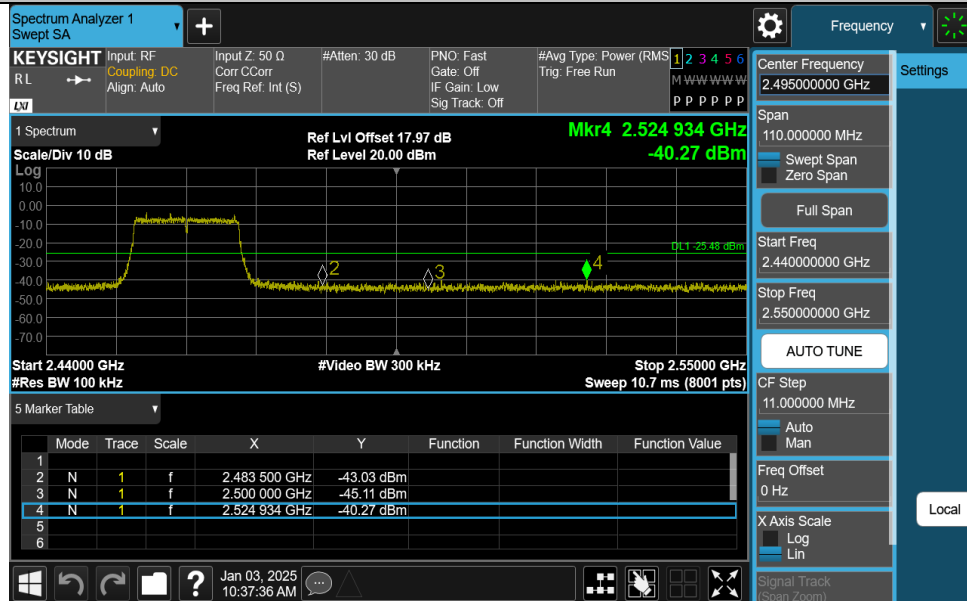
11B-Ant1-2462-PASS



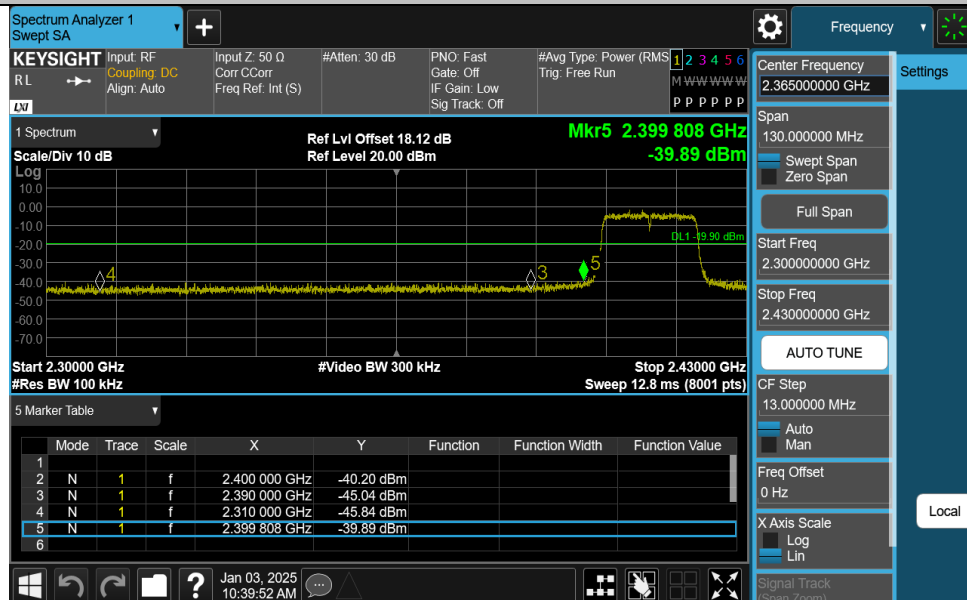
11G-Ant1-2412-PASS



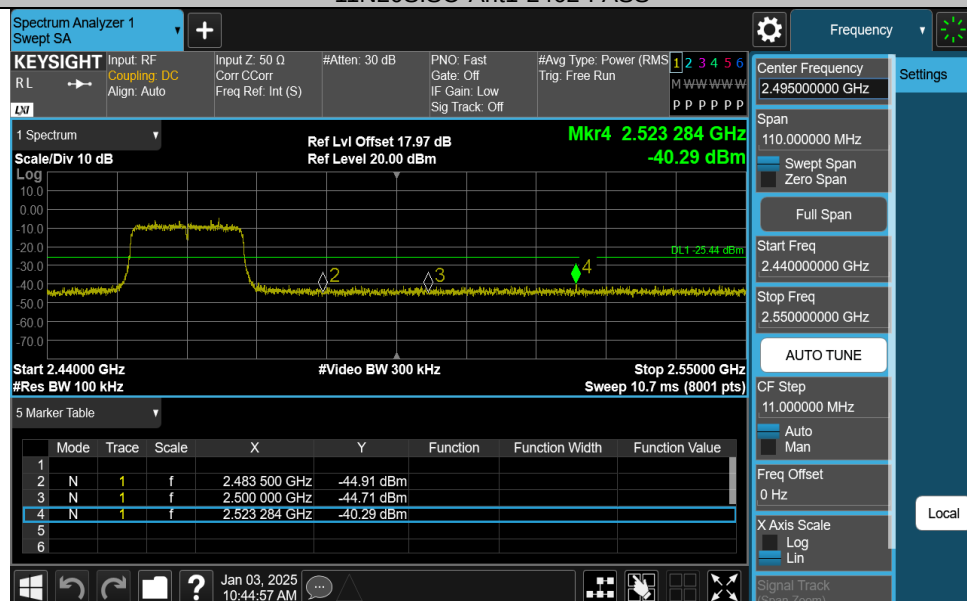
11G-Ant1-2462-PASS



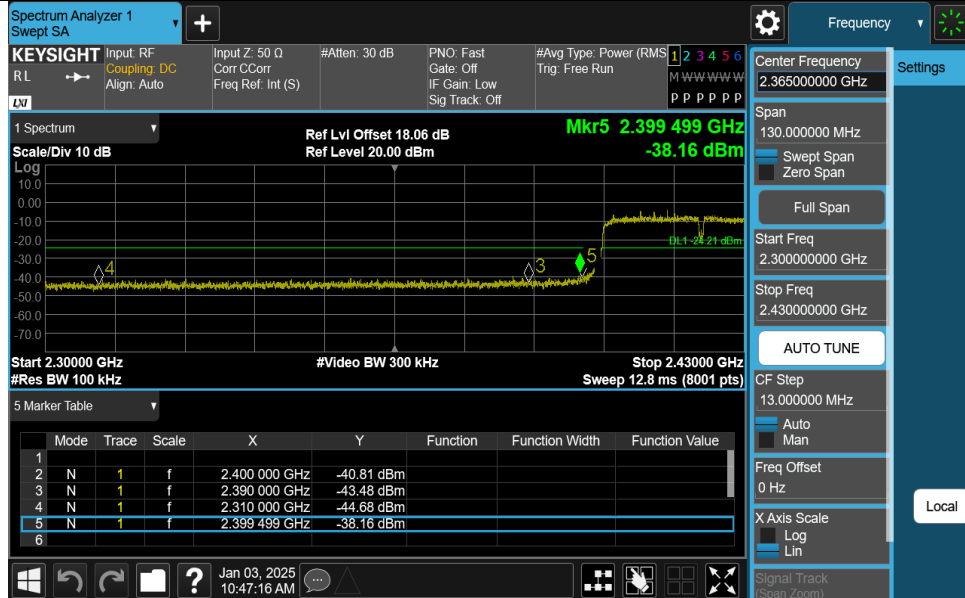
11N20SISO-Ant1-2412-PASS



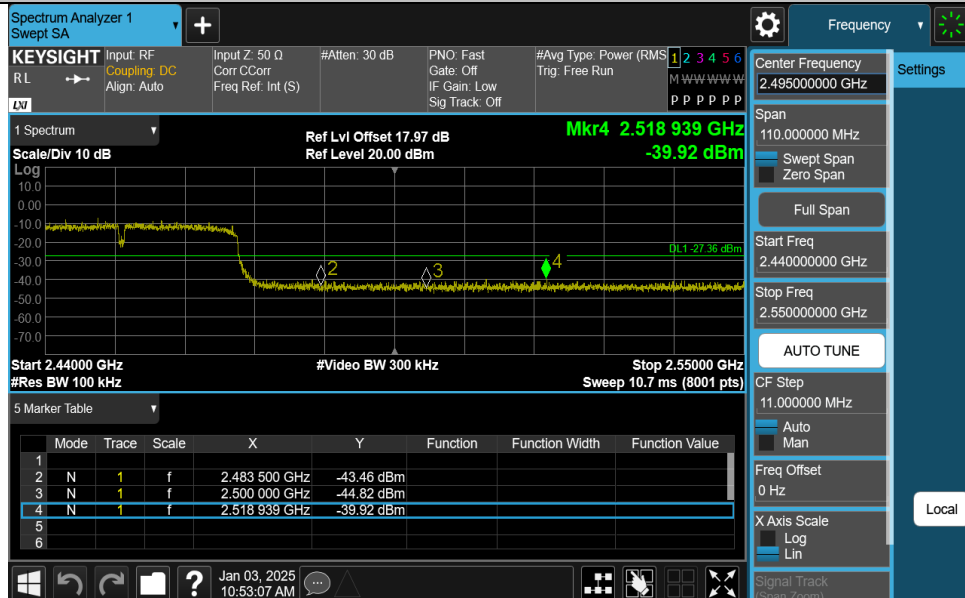
11N20SISO-Ant1-2462-PASS



11N40SISO-Ant1-2422-PASS



11N40SISO-Ant1-2452-PASS

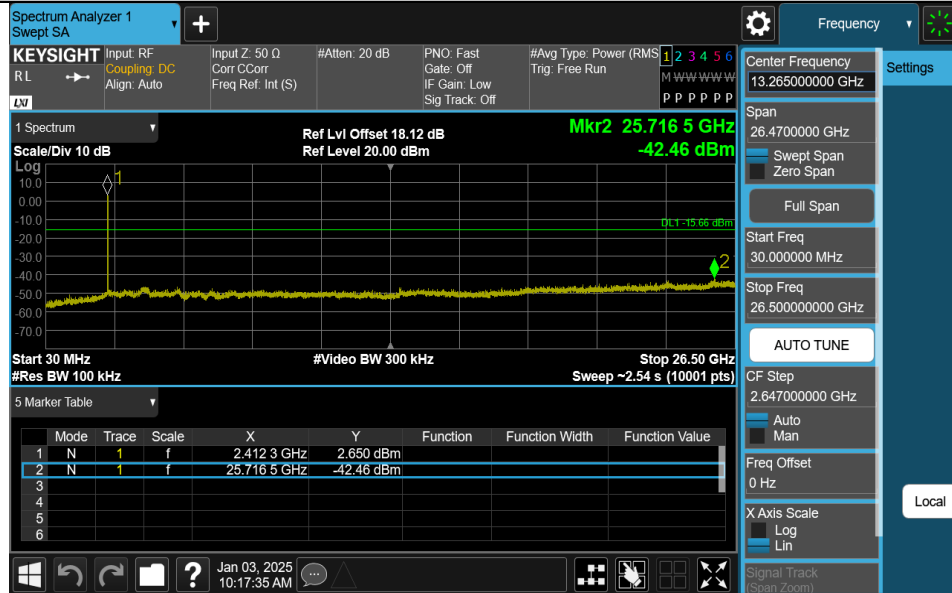


Appendix F: Conducted Spurious Emission Test Result

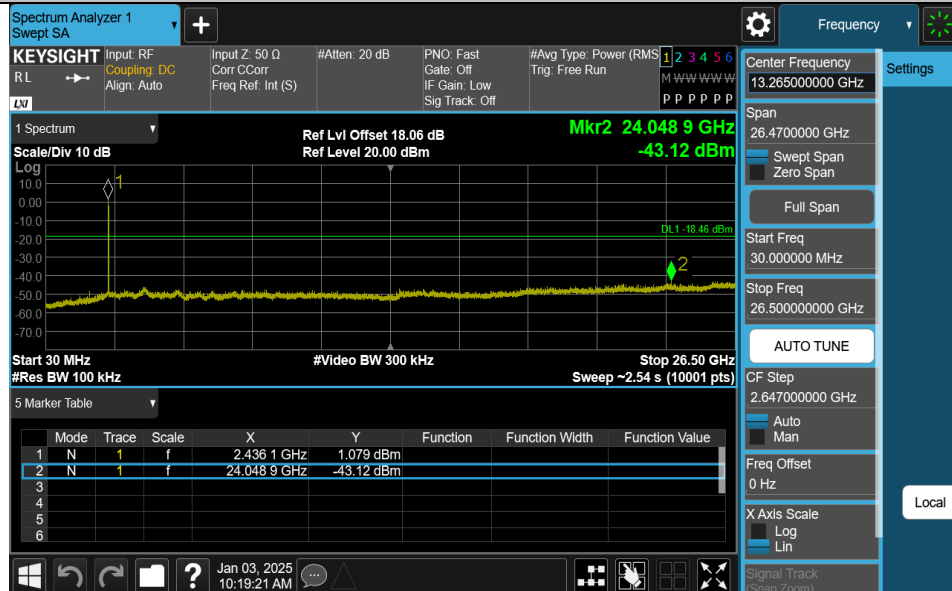
Test Mode	Antenna	Frequency [MHz]	Freq Range [Mhz]	Ref Level [dBm]	Result [dBm]	Limit [dBm]	Verdict
11B	Ant1	2412	30~26500	4.34	-42.46	≤-15.66	PASS
11B	Ant1	2437	30~26500	1.54	-43.12	≤-18.46	PASS
11B	Ant1	2462	30~26500	0.23	-42.32	≤-19.77	PASS
11G	Ant1	2412	30~26500	-1.86	-42.14	≤-21.86	PASS
11G	Ant1	2437	30~26500	-1.81	-42.99	≤-21.81	PASS
11G	Ant1	2462	30~26500	-5.48	-42.94	≤-25.48	PASS
11N20SISO	Ant1	2412	30~26500	0.10	-42.34	≤-19.90	PASS
11N20SISO	Ant1	2437	30~26500	-2.29	-43.18	≤-22.29	PASS
11N20SISO	Ant1	2462	30~26500	-5.44	-43.54	≤-25.44	PASS
11N40SISO	Ant1	2422	30~26500	-4.21	-43.01	≤-24.21	PASS
11N40SISO	Ant1	2437	30~26500	-5.90	-42.51	≤-25.90	PASS
11N40SISO	Ant1	2452	30~26500	-7.36	-43.19	≤-27.36	PASS

Test Graphs

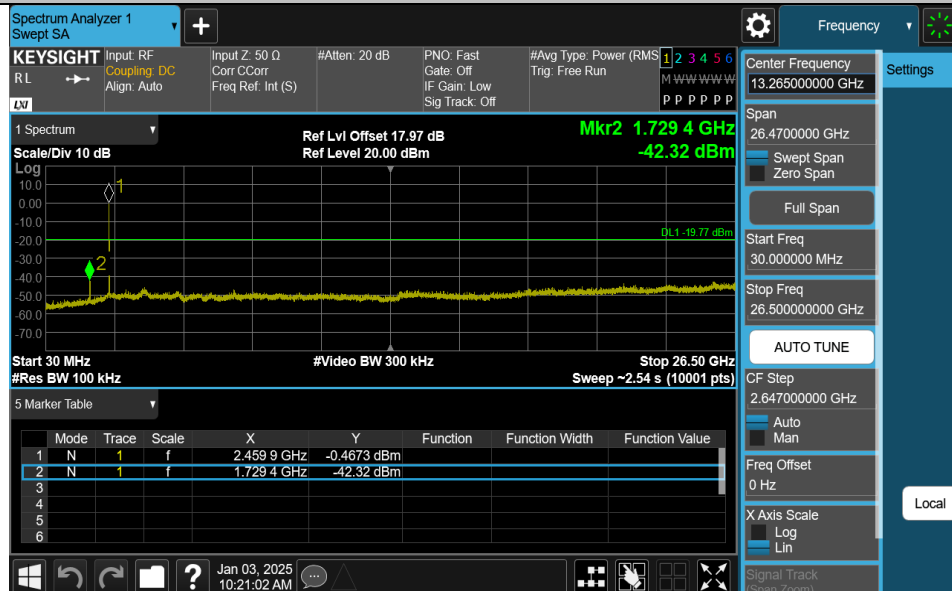
11B-Ant1-2412-30~26500-PASS



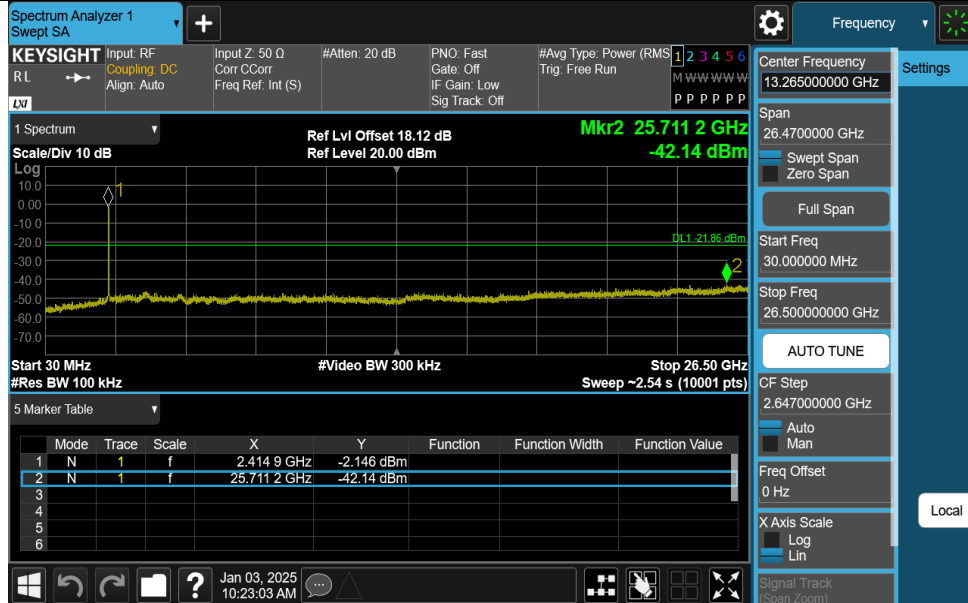
11B-Ant1-2437-30~26500-PASS



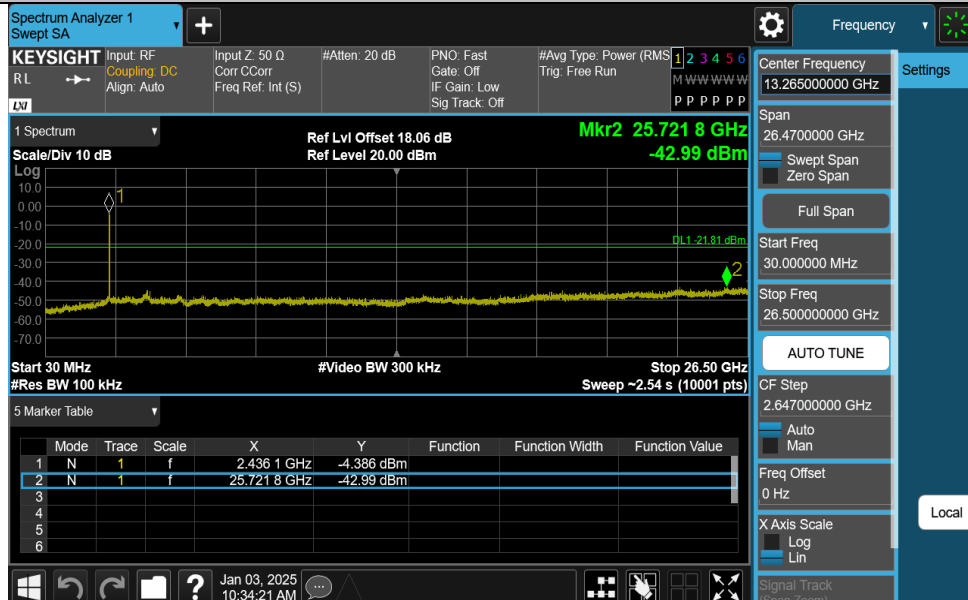
11B-Ant1-2462-30~26500-PASS



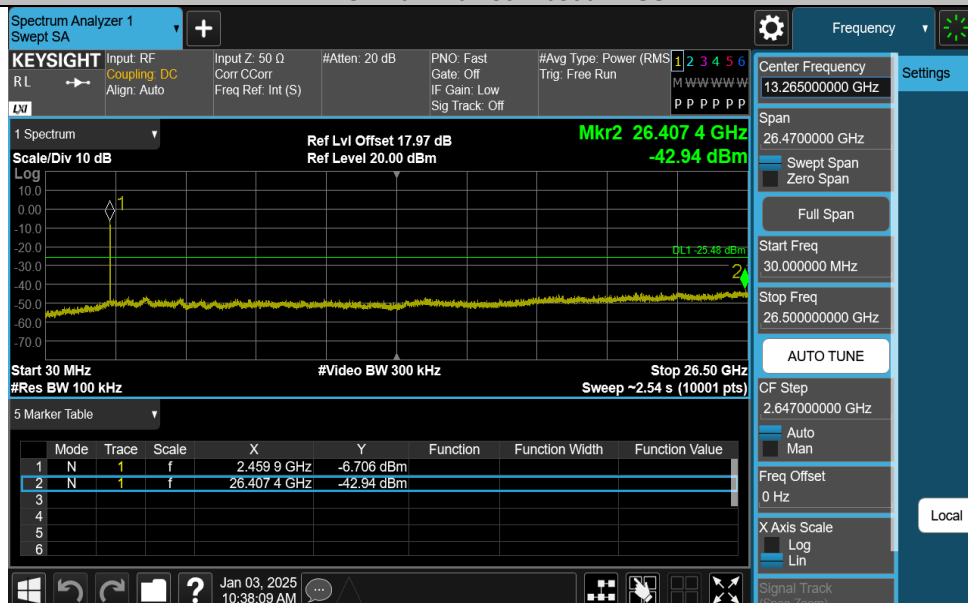
11G-Ant1-2412-30-26500-PASS



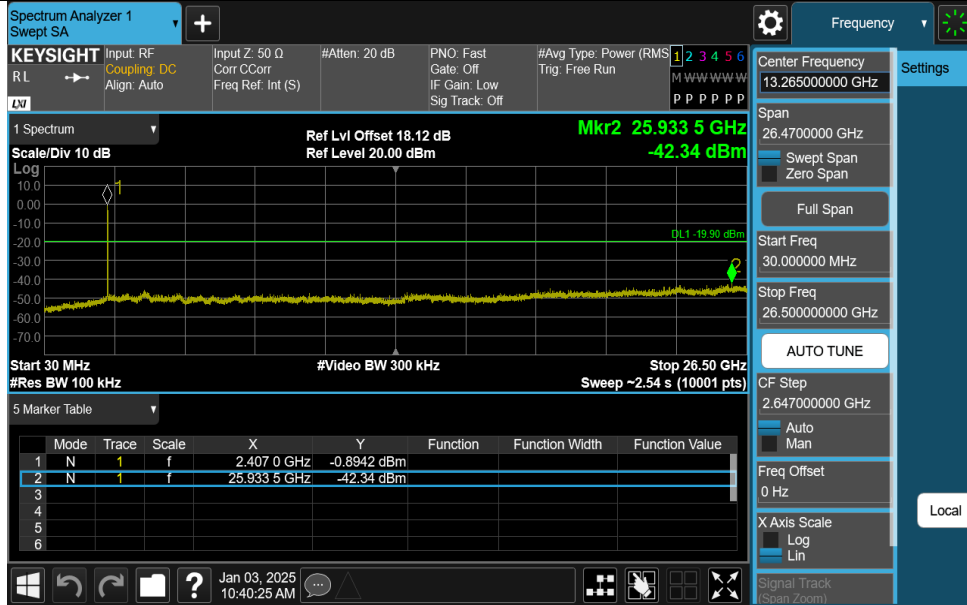
11G-Ant1-2437-30-26500-PASS



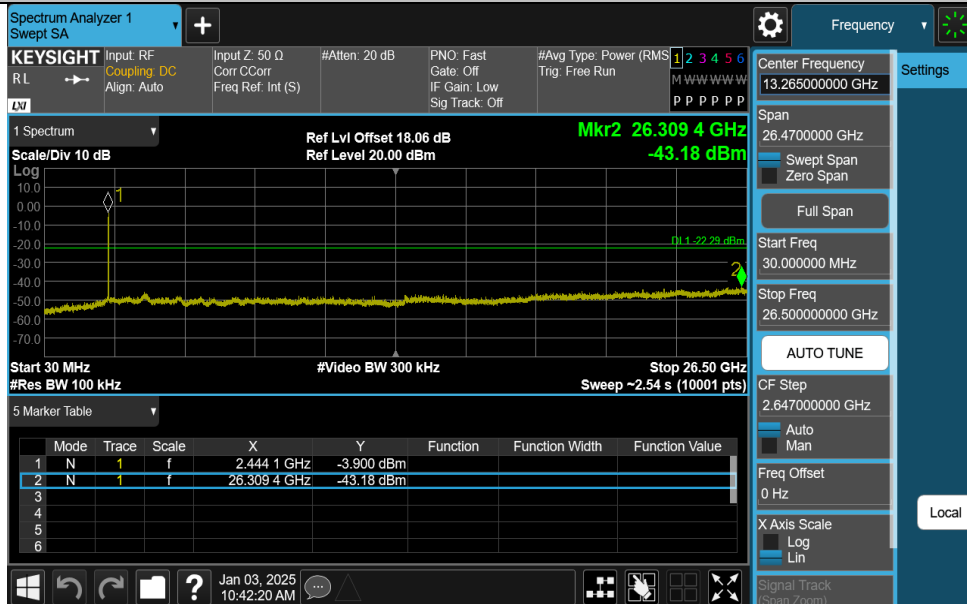
11G-Ant1-2462-30-26500-PASS



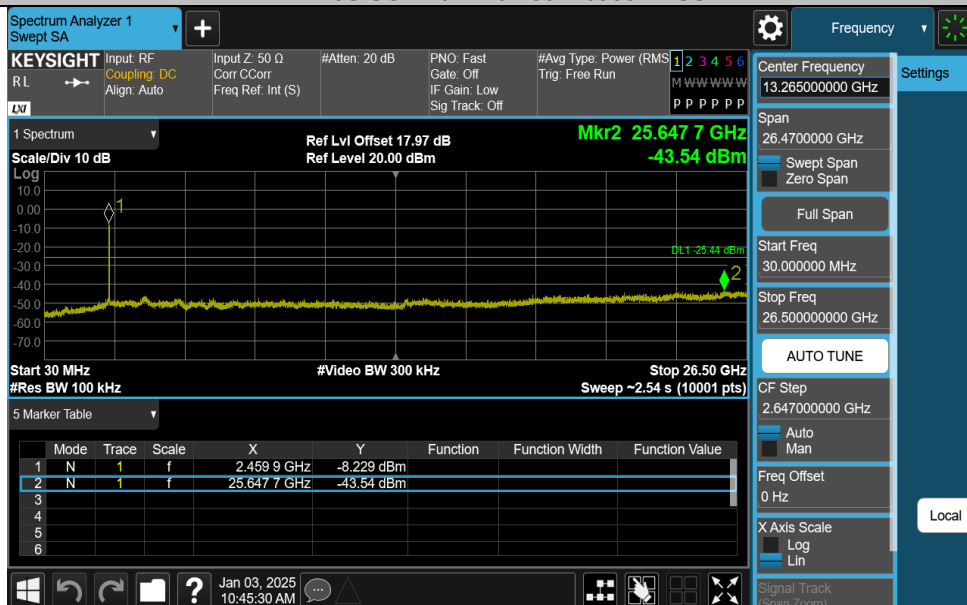
11N20SISO-Ant1-2412-30~26500-PASS



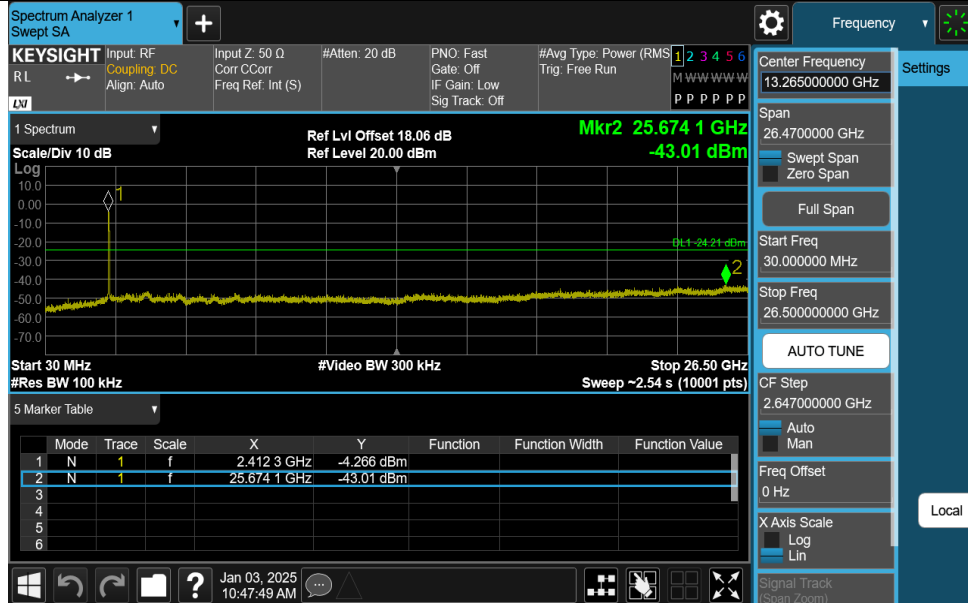
11N20SISO-Ant1-2437-30~26500-PASS



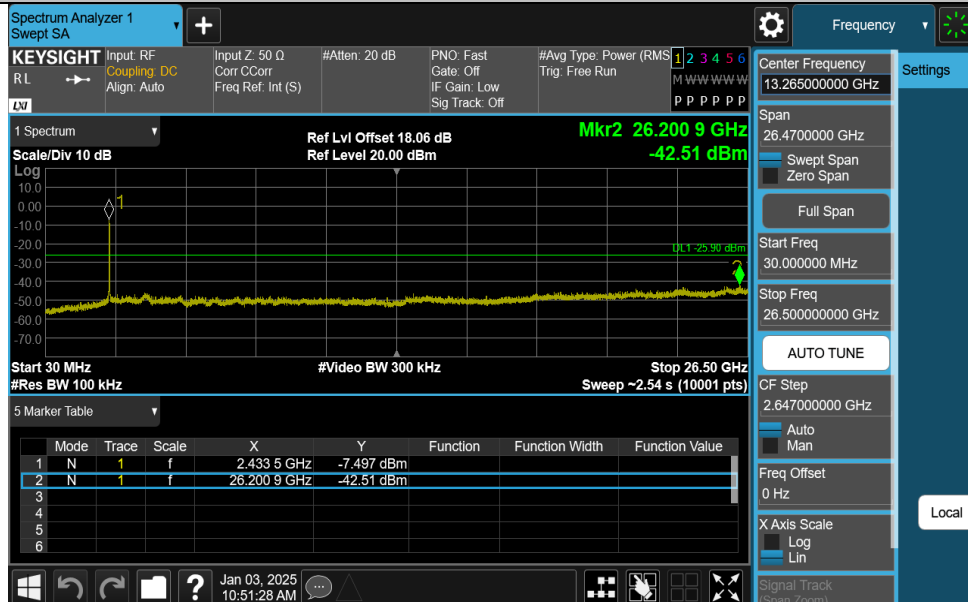
11N20SISO-Ant1-2462-30~26500-PASS



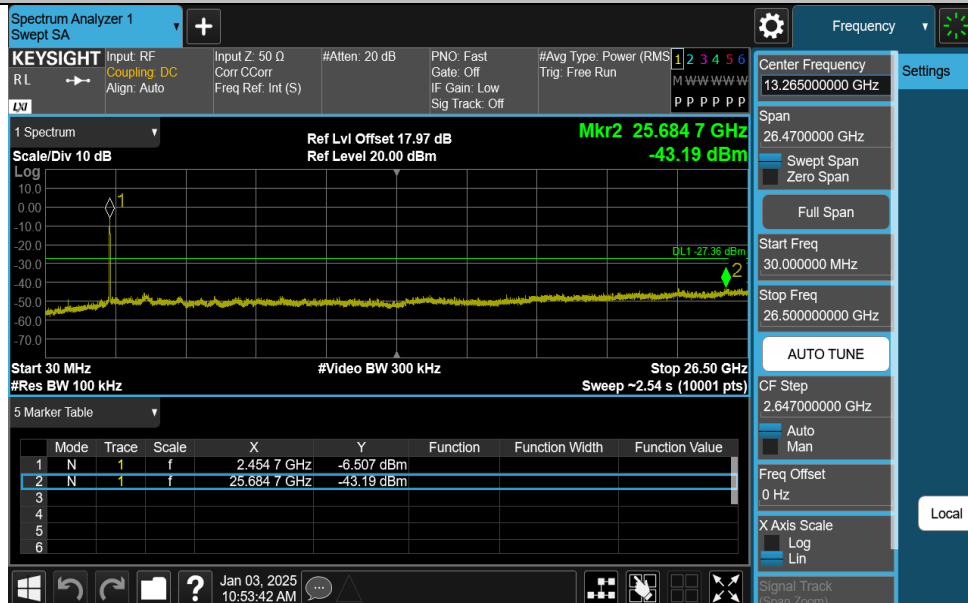
11N40SISO-Ant1-2422-30~26500-PASS



11N40SISO-Ant1-2437-30~26500-PASS



11N40SISO-Ant1-2452-30~26500-PASS



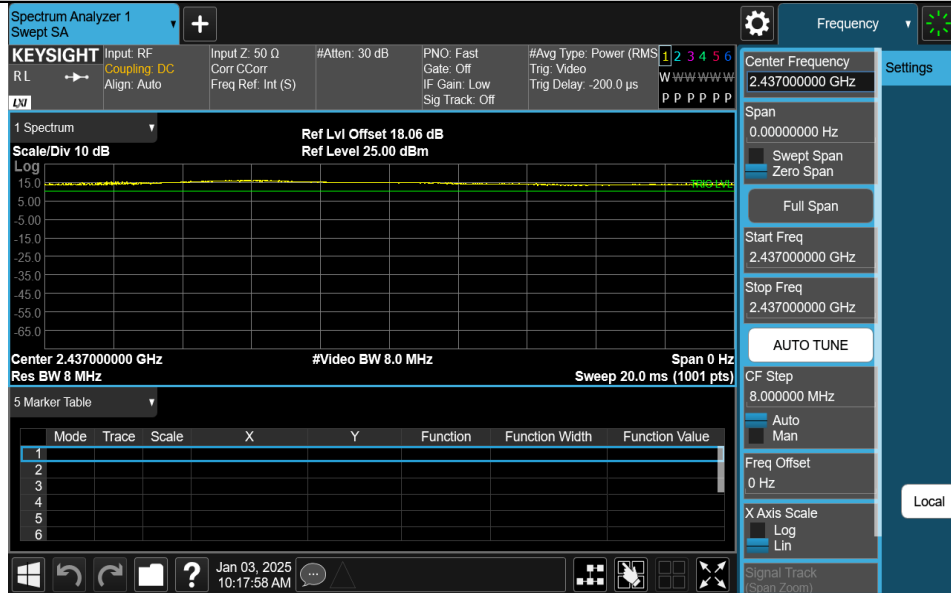
Appendix G: Duty Cycle Test Result

Test Mode	Antenna	Frequency [MHz]	Transmission Duration [ms]	Transmission Period [ms]	Duty Cycle [%]
11B	Ant1	2437	20.00	20.00	100.00
11G	Ant1	2437	5.49	5.51	99.64
11N20SISO	Ant1	2437	5.08	5.11	99.41
11N40SISO	Ant1	2437	2.47	2.49	99.20

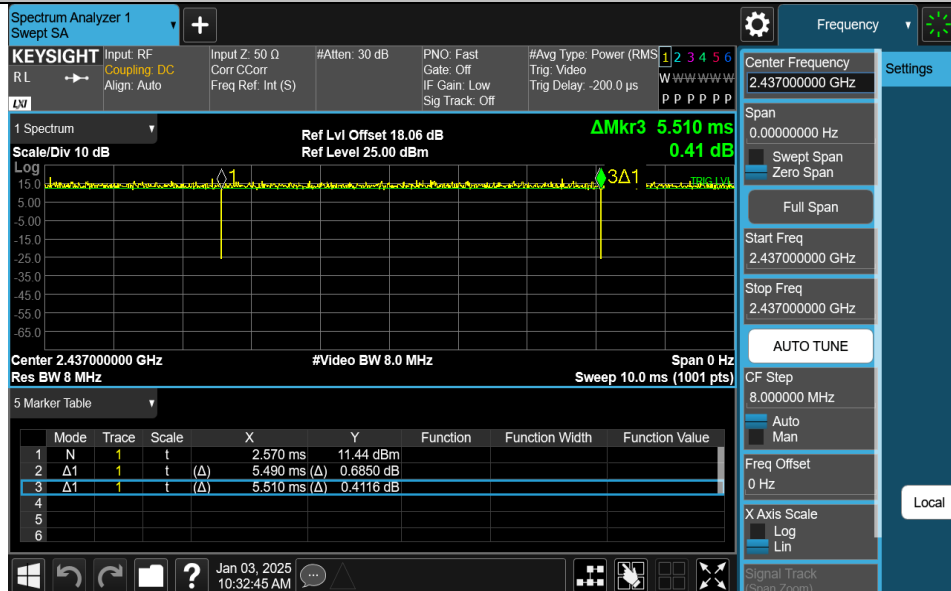


Test Graphs

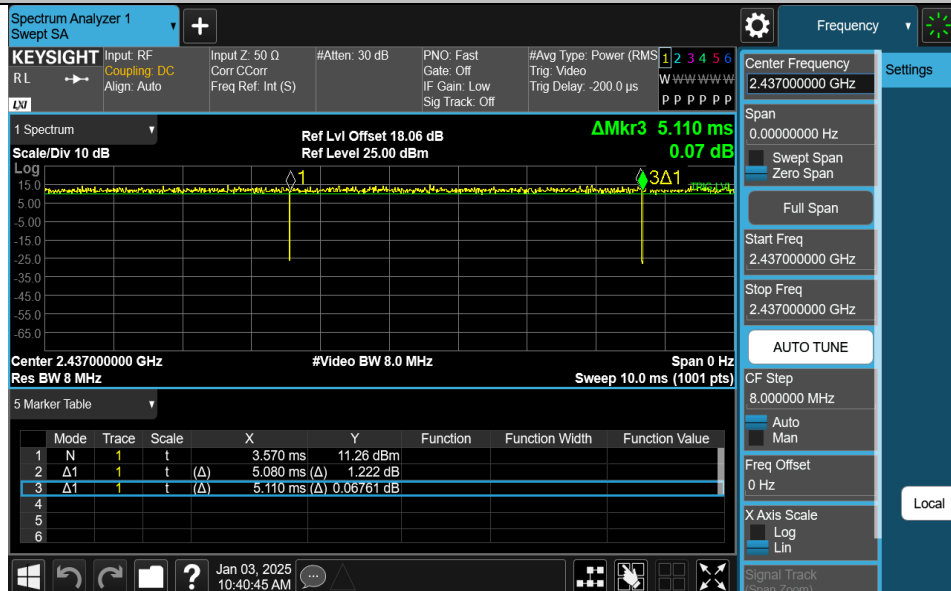
NTNV-11B-Ant1-2437

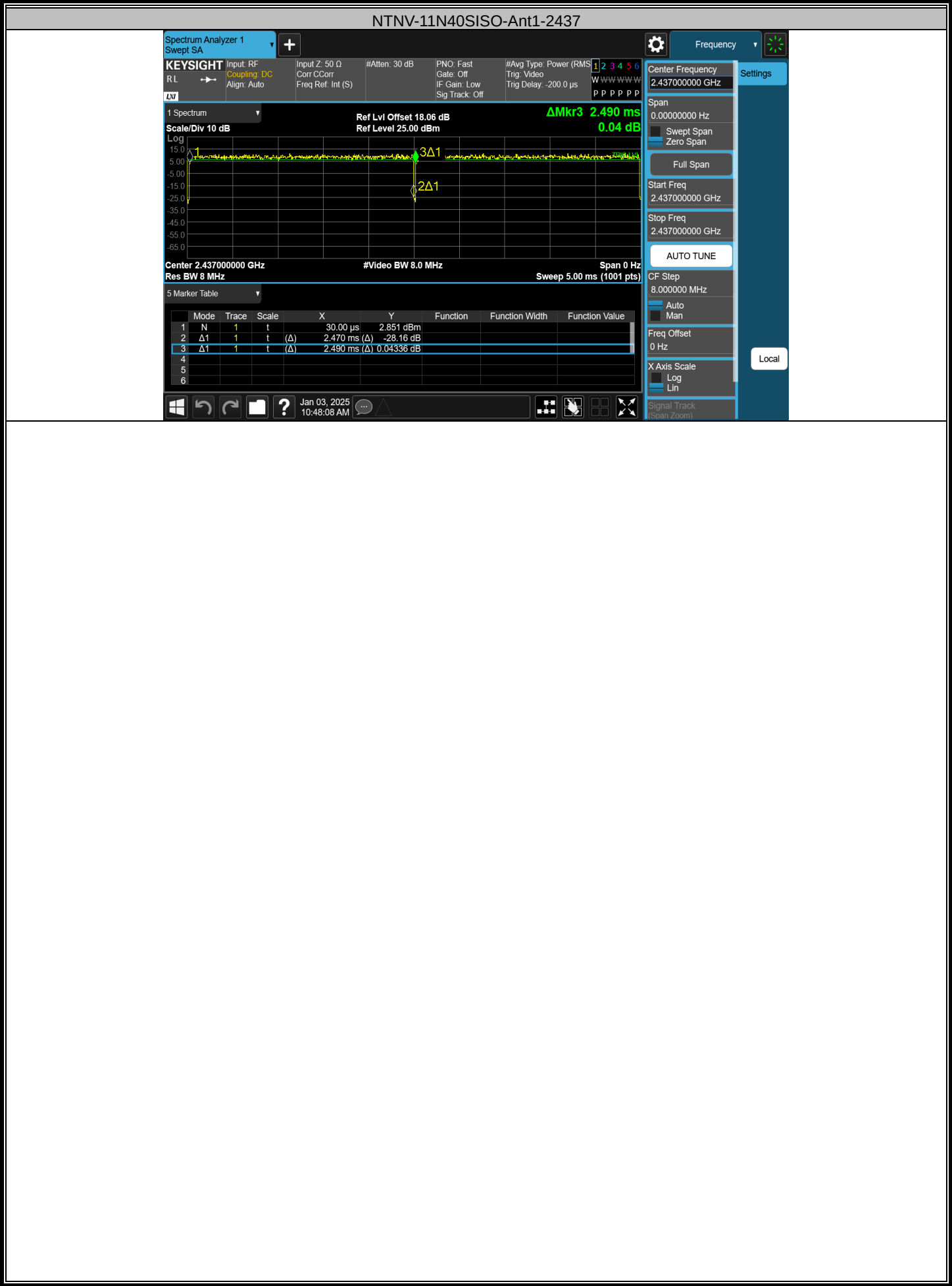


NTNV-11G-Ant1-2437



NTNV-11N20SISO-Ant1-2437



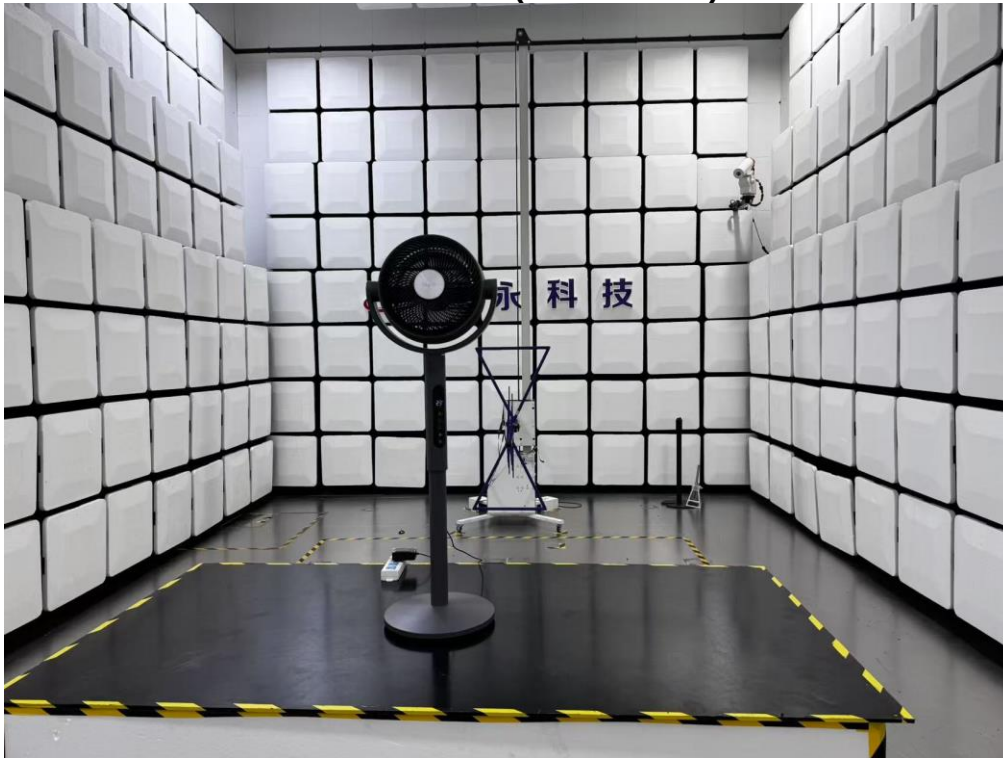


12. TEST SETUP PHOTO

Conducted Test



Radiated Test (Below 1GHz)



Radiated Test (Above 1GHz)



13. EUT PHOTO

External Photos M/N: LPF-R432S-AUS



External Photos
M/N: LPF-R432S-AUS



External Photos
M/N: LPF-R432S-AUS



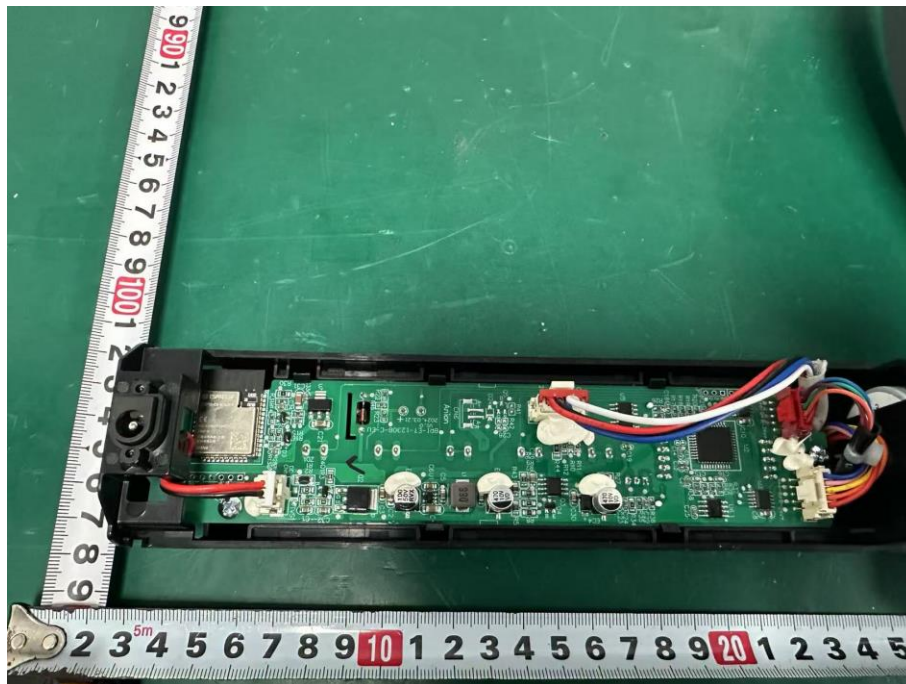
External Photos
M/N: LPF-R432S-AUS



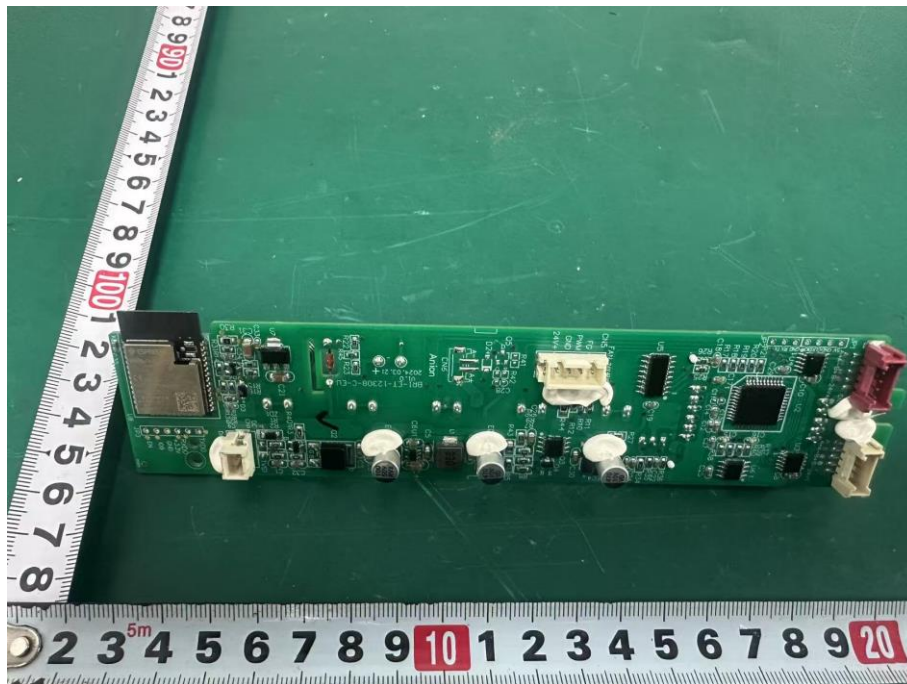
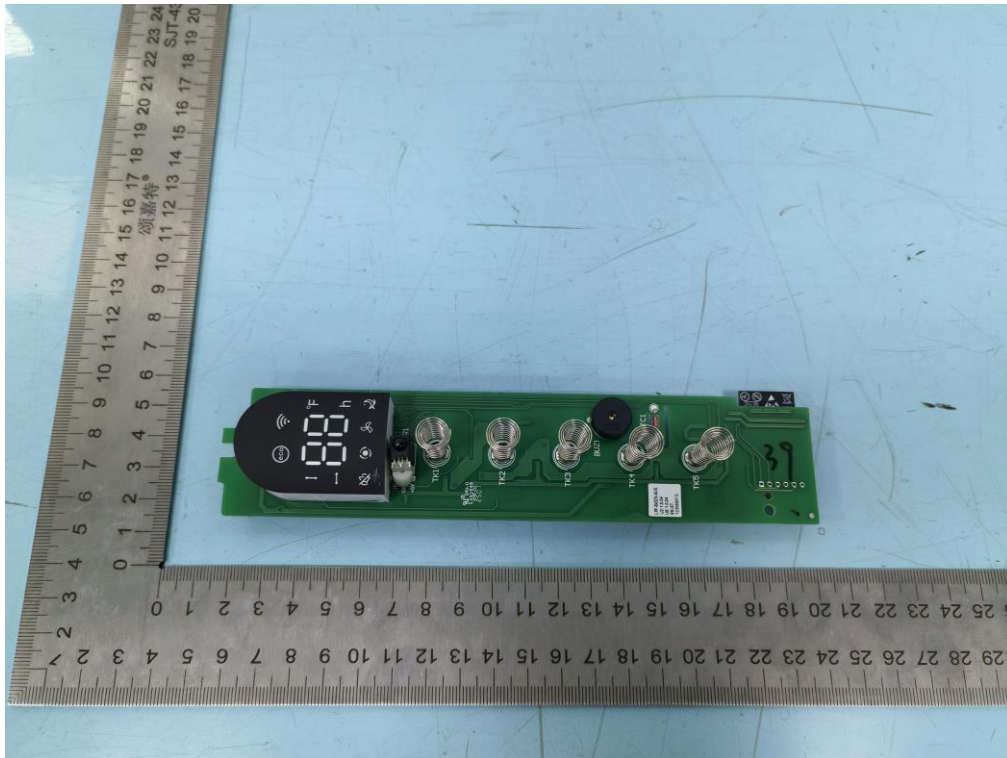
External Photos
M/N: LPF-R432S-AUS



Internal Photos M/N: LPF-R432S-AUS

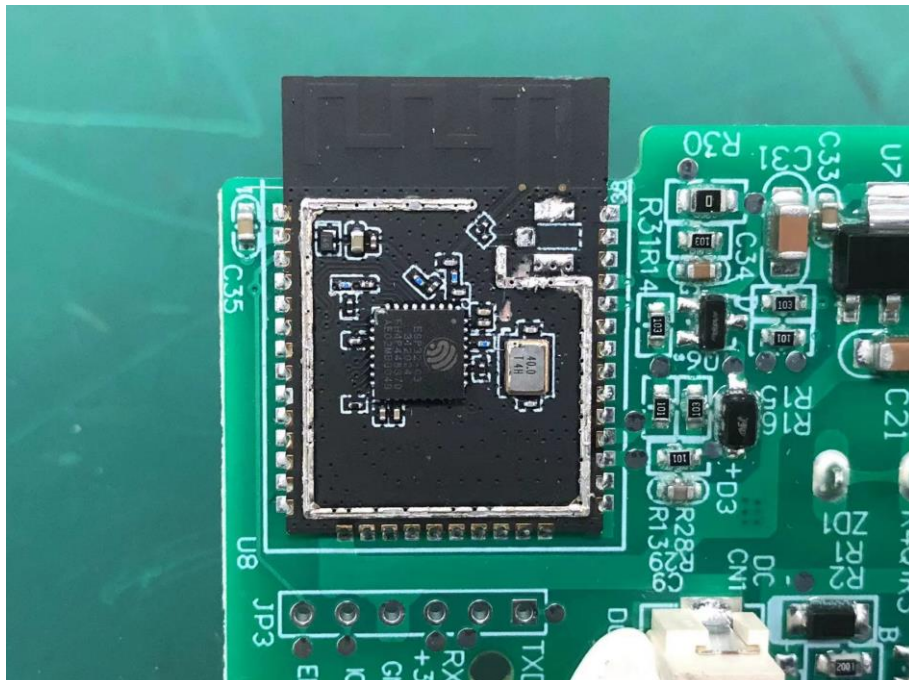
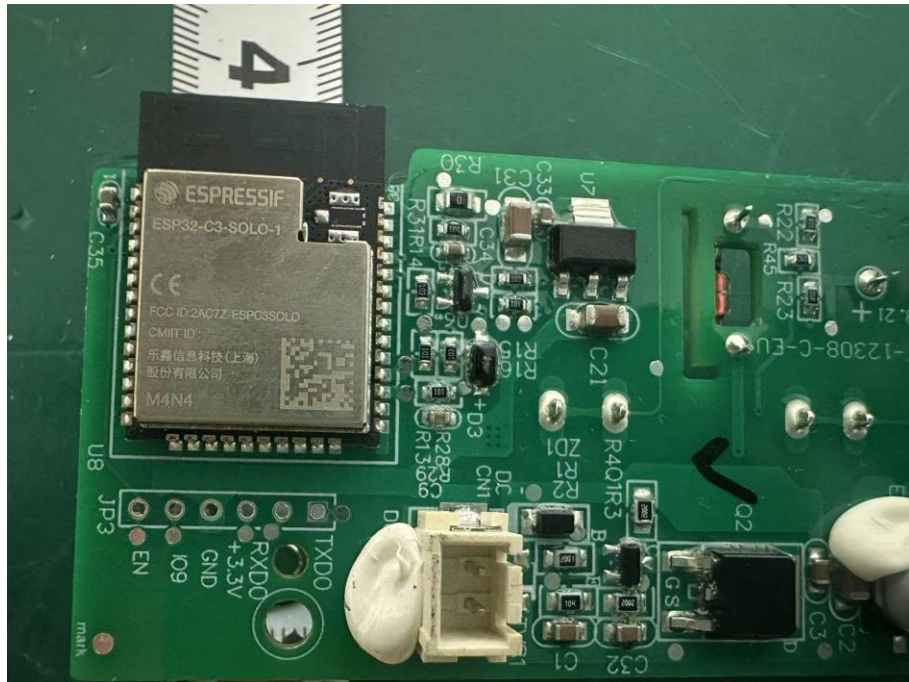


Internal Photos
M/N: LPF-R432S-AUS

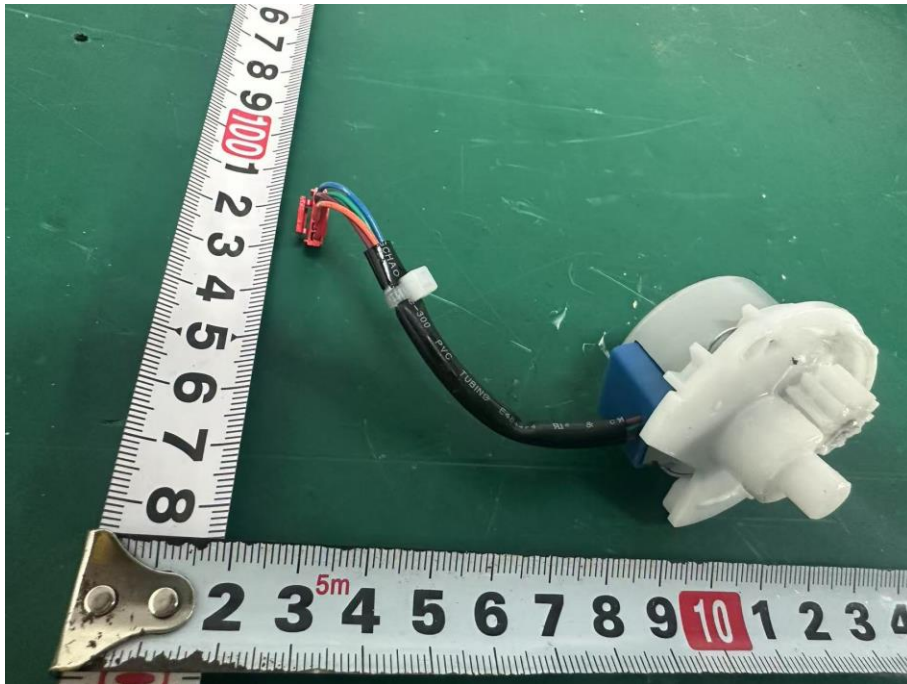


Internal Photos

M/N: LPF-R432S-AUS



Internal Photos M/N: LPF-R432S-AUS



End of Test Report