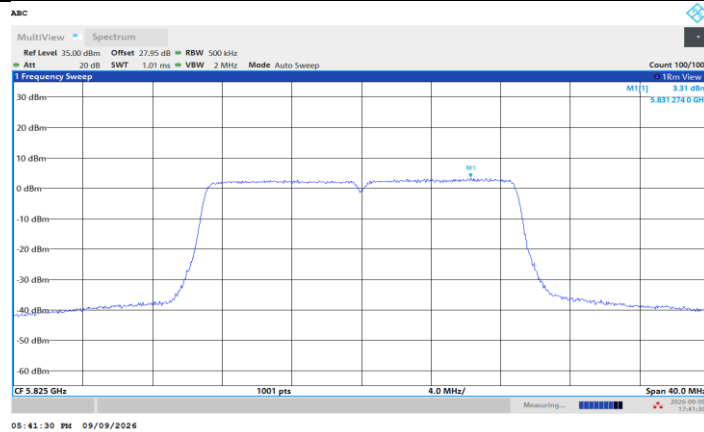
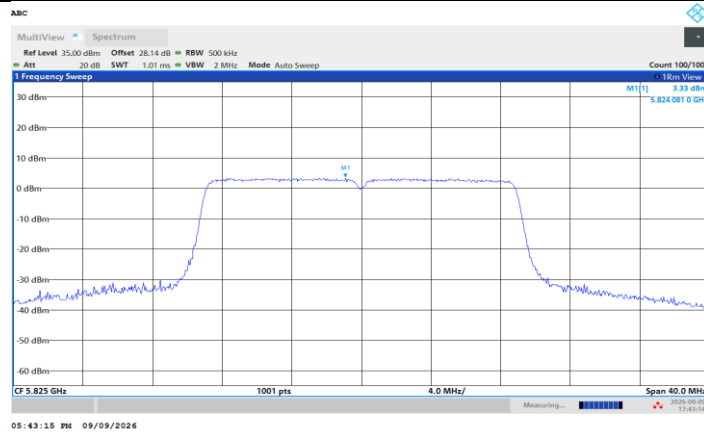
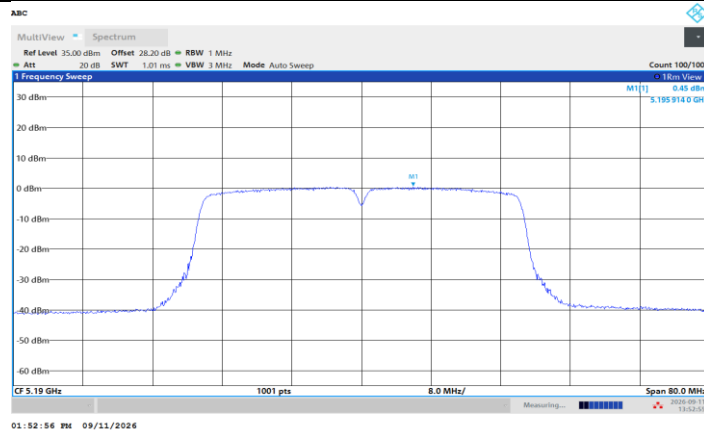




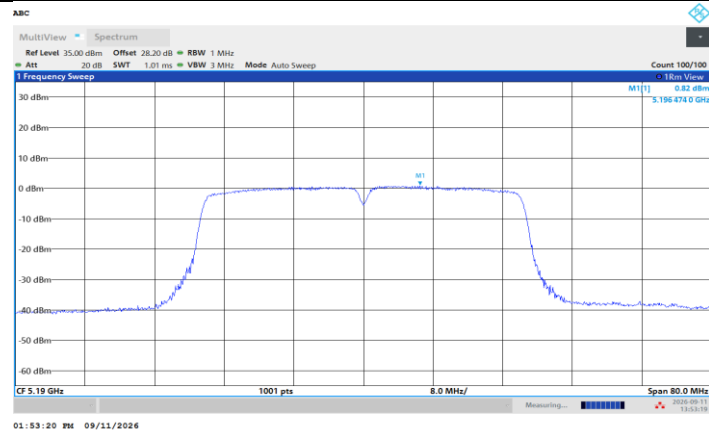
11N20MIMO_Ant1_5825



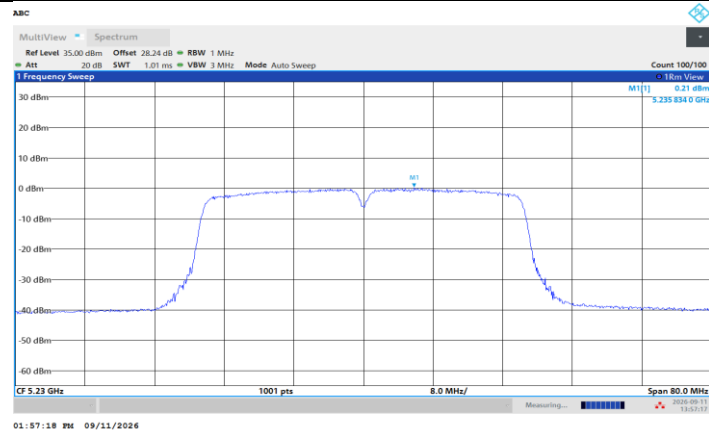
11N20MIMO_Ant2_5825



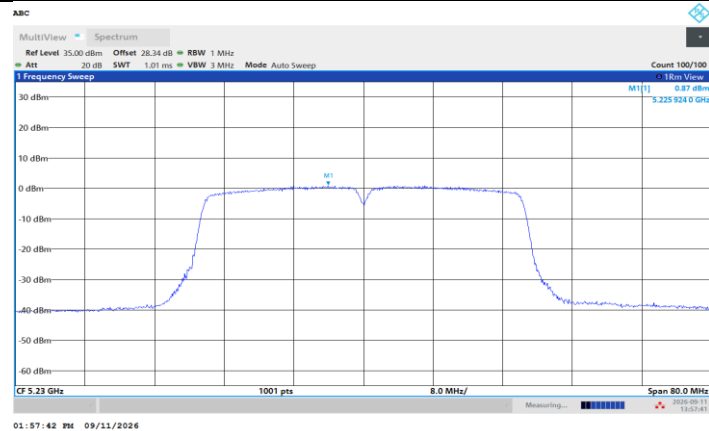
11N40MIMO_Ant1_5190



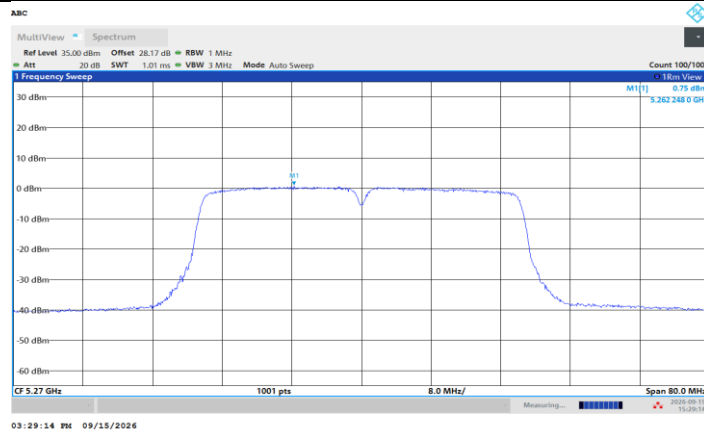
11N40MIMO_Ant2_5190



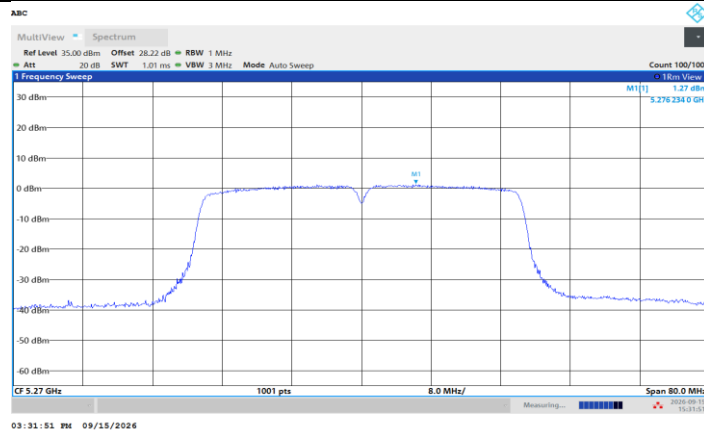
11N40MIMO_Ant1_5230



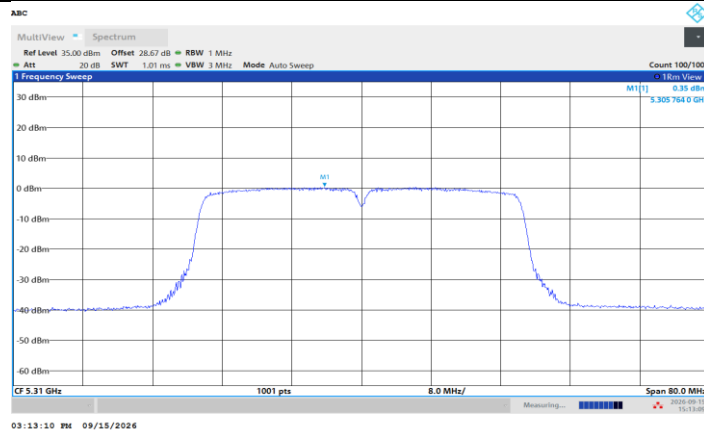
11N40MIMO_Ant2_5230



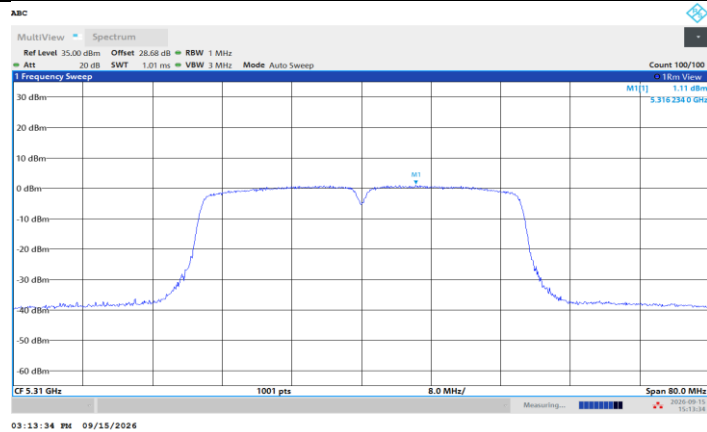
11N40MIMO_Ant1_5270



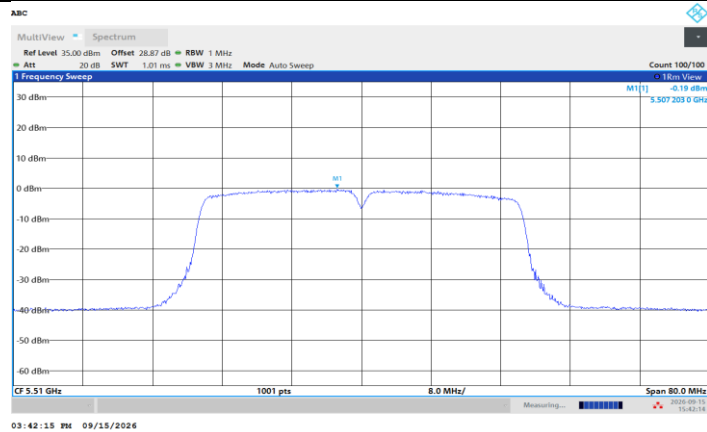
11N40MIMO_Ant2_5270



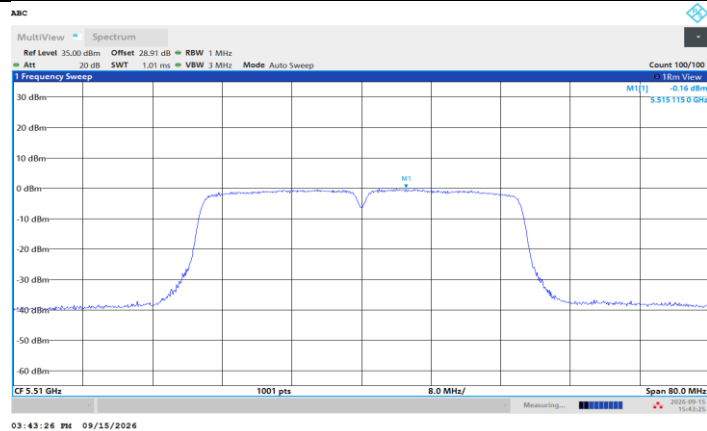
11N40MIMO_Ant1_5310



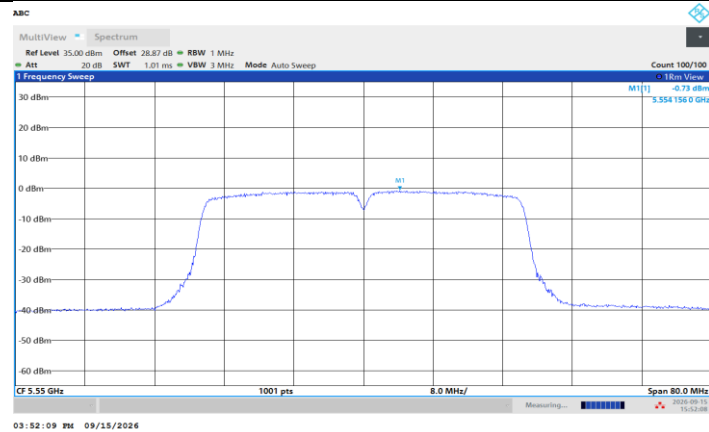
11N40MIMO_Ant2_5310



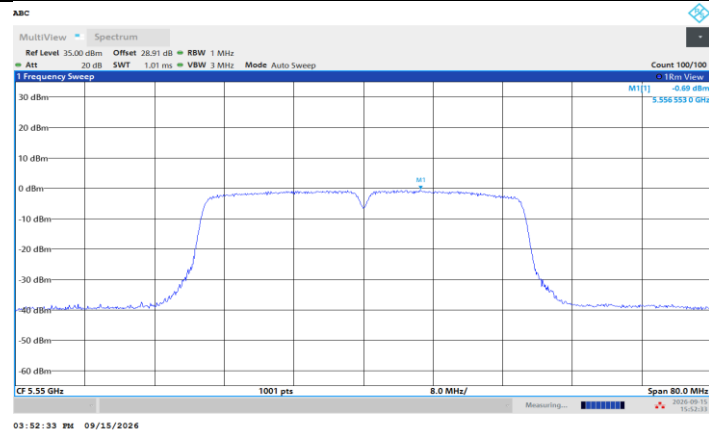
11N40MIMO_Ant1_5510



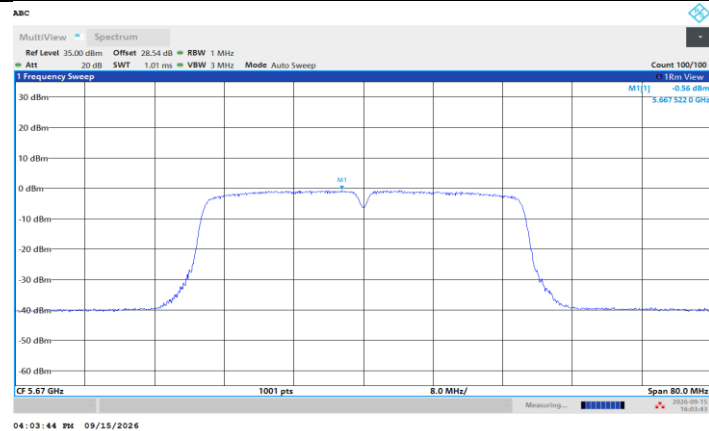
11N40MIMO_Ant2_5510



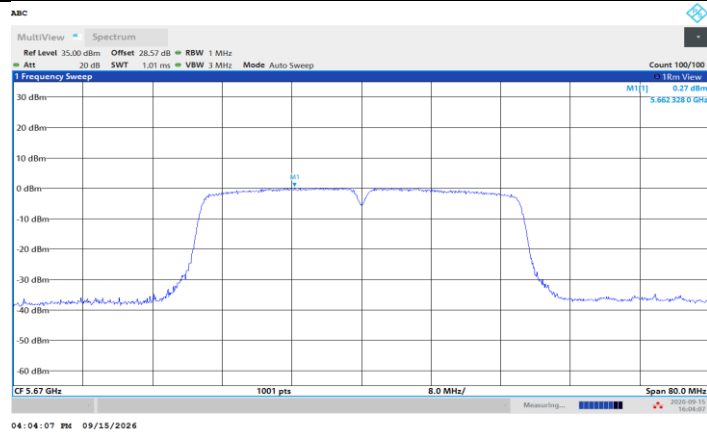
11N40MIMO_Ant1_5550



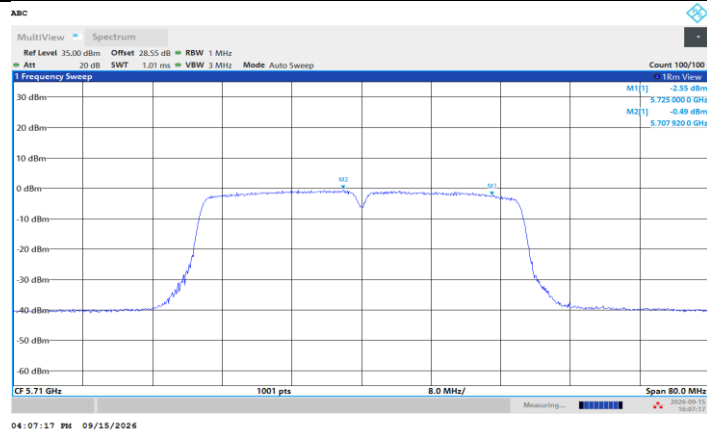
11N40MIMO_Ant2_5550



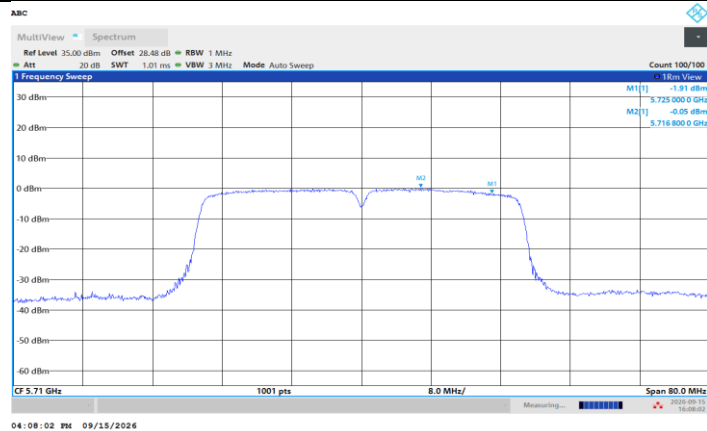
11N40MIMO_Ant1_5670



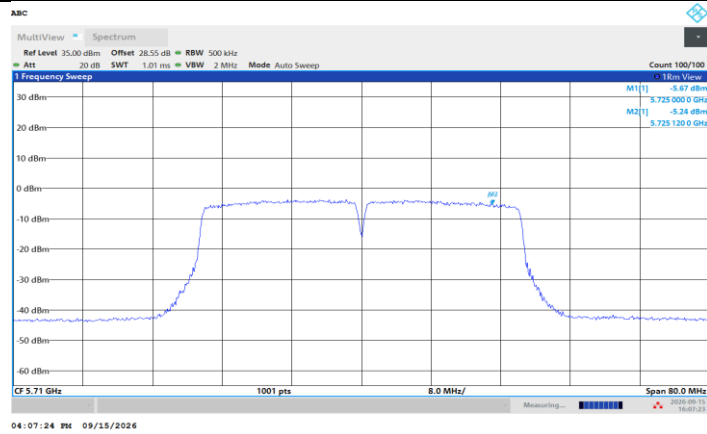
11N40MIMO_Ant2_5670



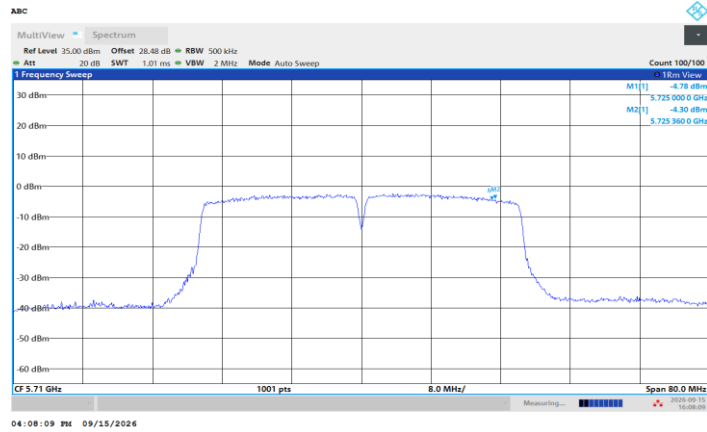
11N40MIMO_Ant1_5710_UNII-2C



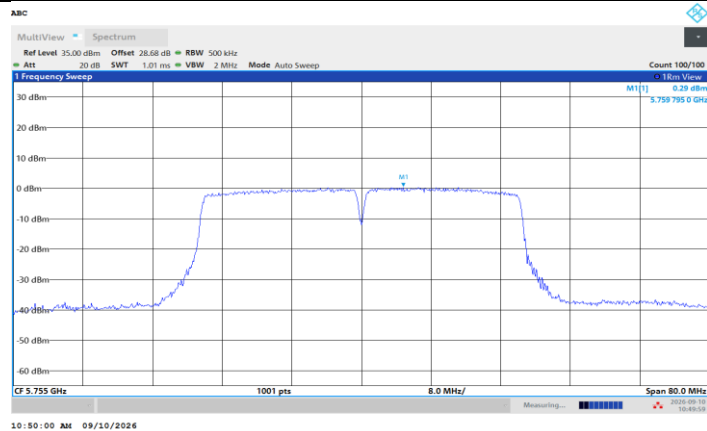
11N40MIMO_Ant2_5710_UNII-2C



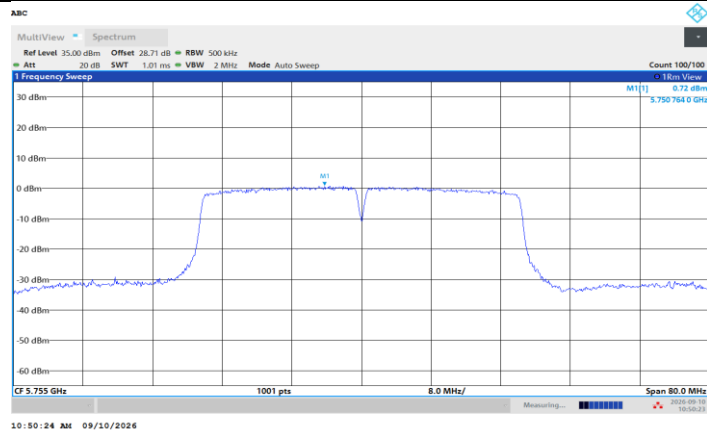
11N40MIMO_Ant1_5710_UNII-3



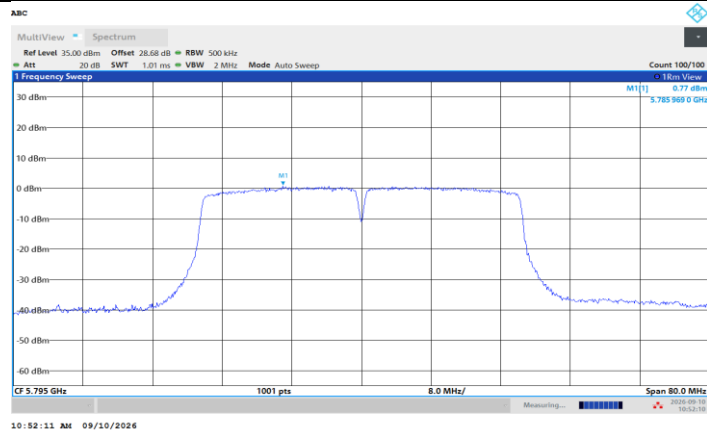
11N40MIMO_Ant2_5710_UNII-3



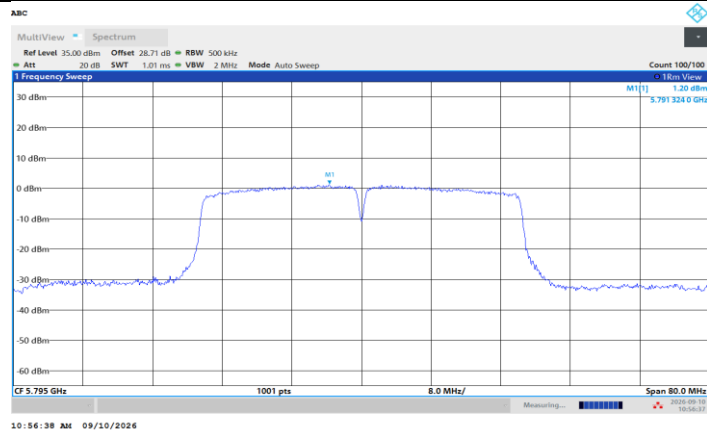
11N40MIMO_Ant1_5755



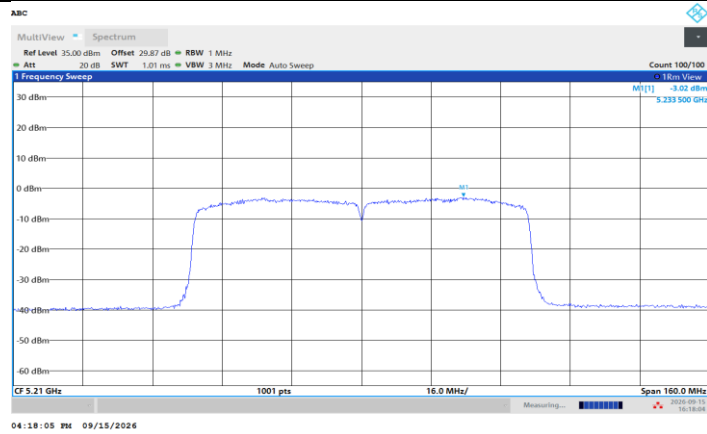
11N40MIMO_Ant2_5755



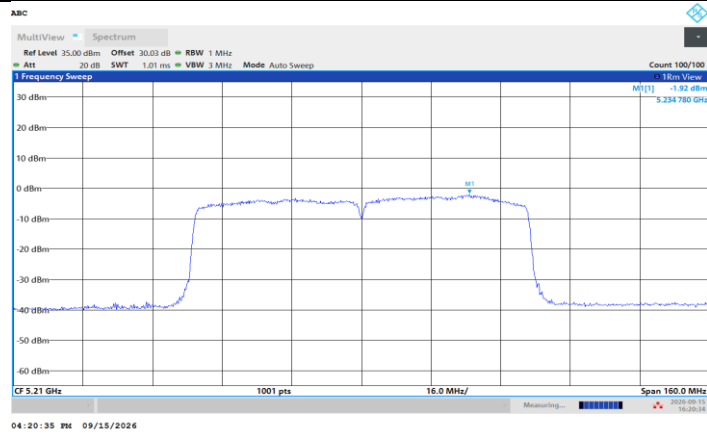
11N40MIMO_Ant1_5795



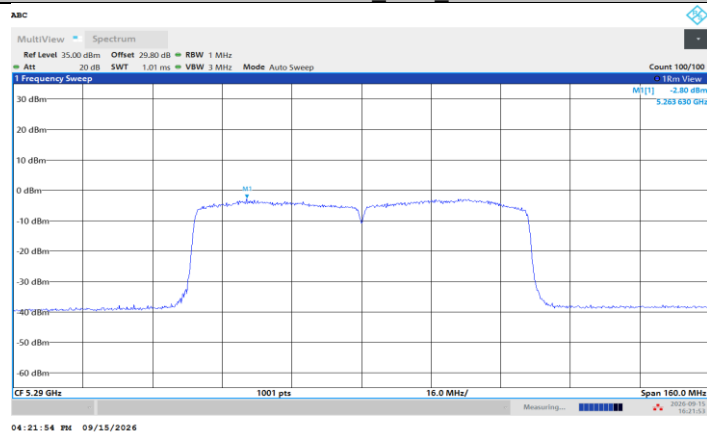
11N40MIMO_Ant2_5795



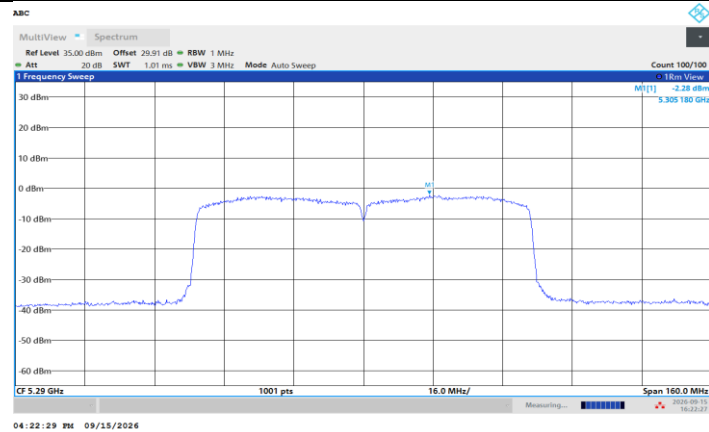
11AC80MIMO_Ant1_5210



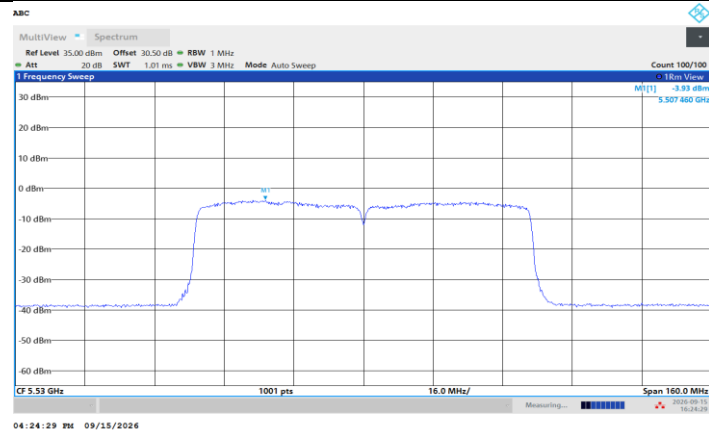
11AC80MIMO_Ant2_5210



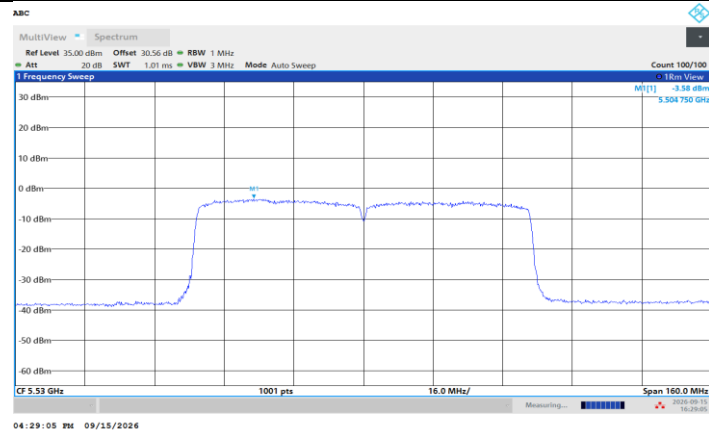
11AC80MIMO_Ant1_5290



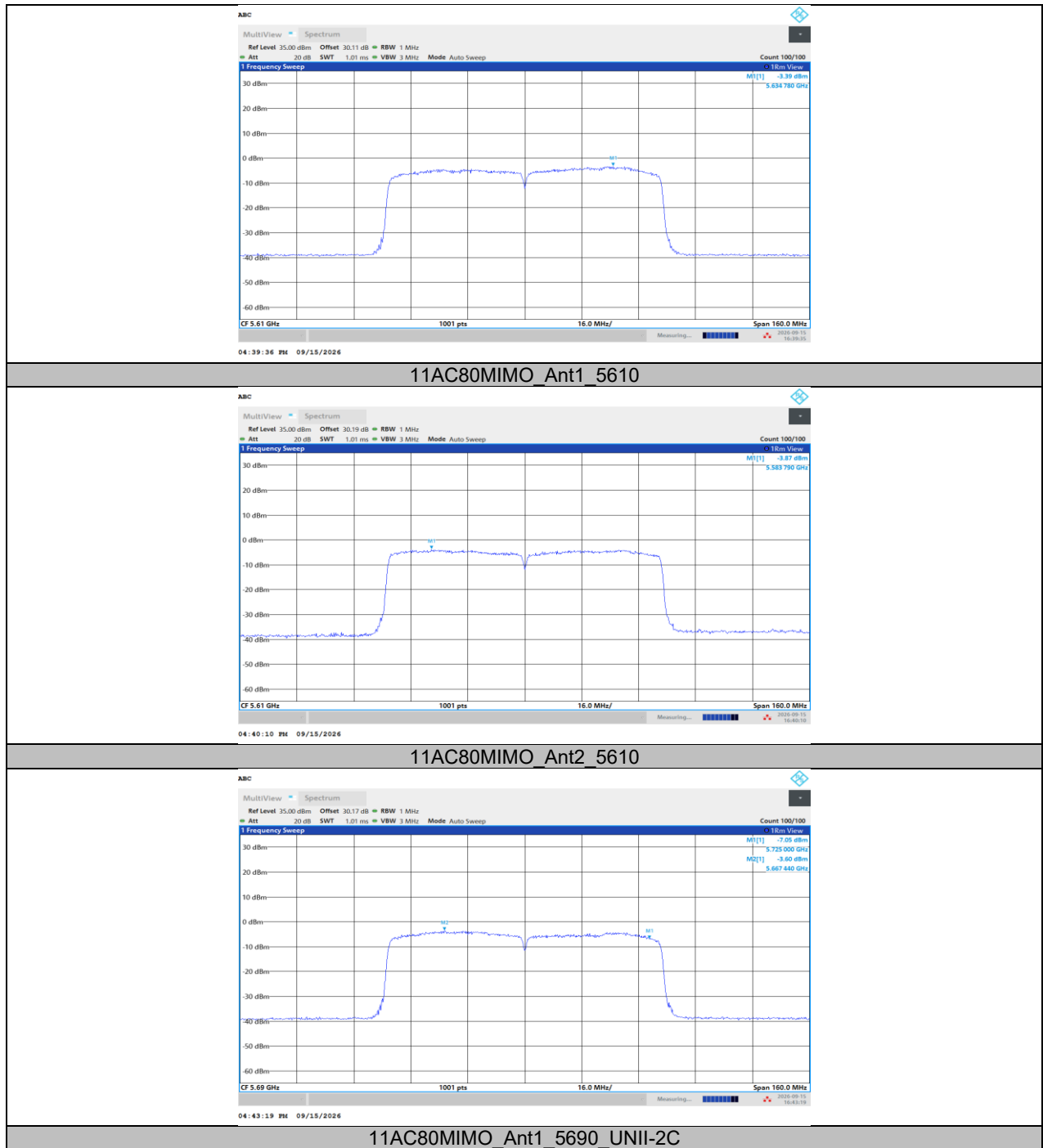
11AC80MIMO_Ant2_5290

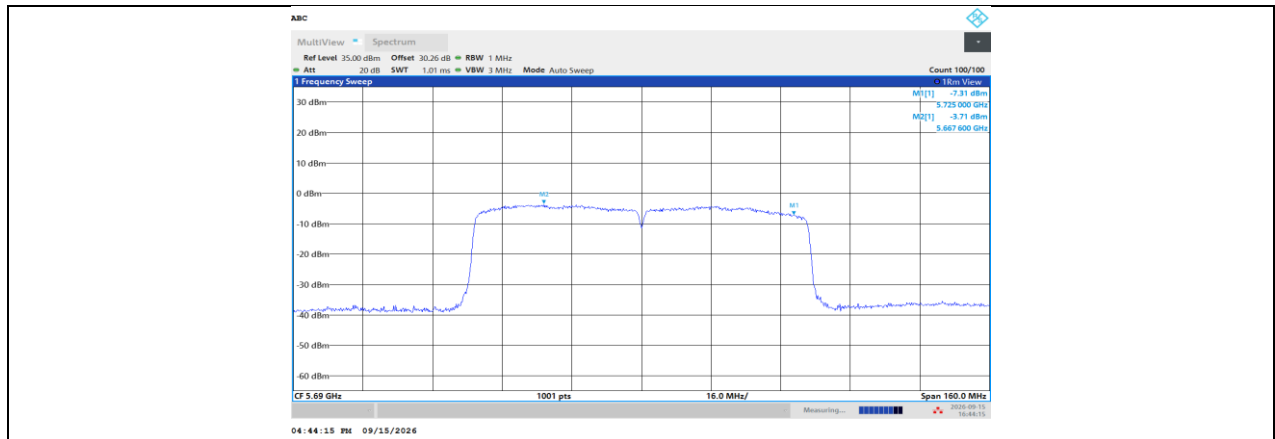


11AC80MIMO_Ant1_5530

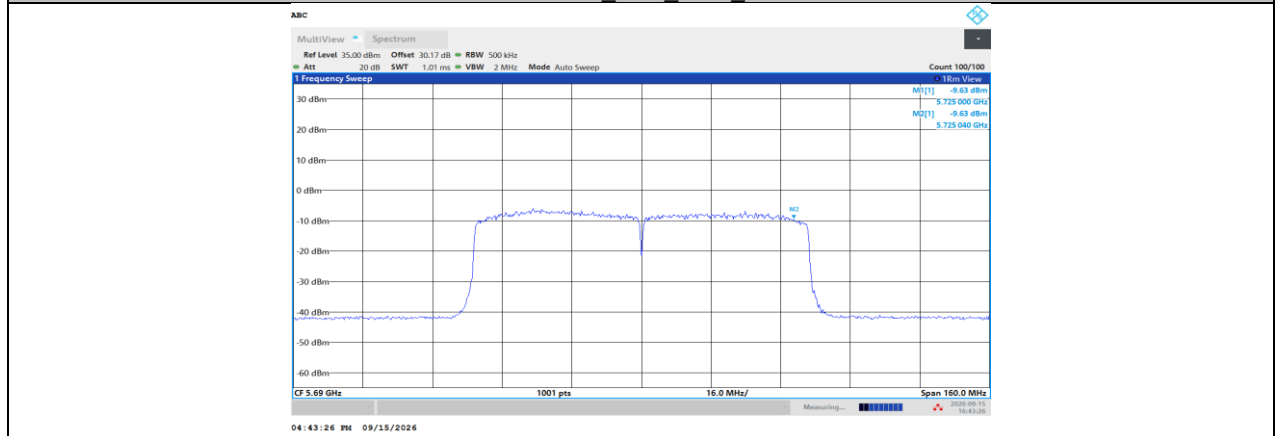


11AC80MIMO_Ant2_5530

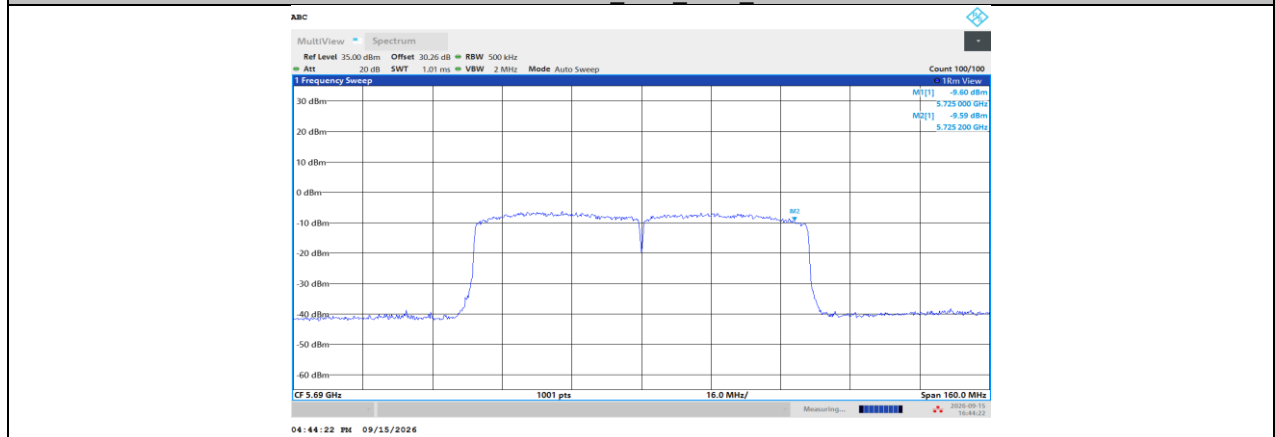




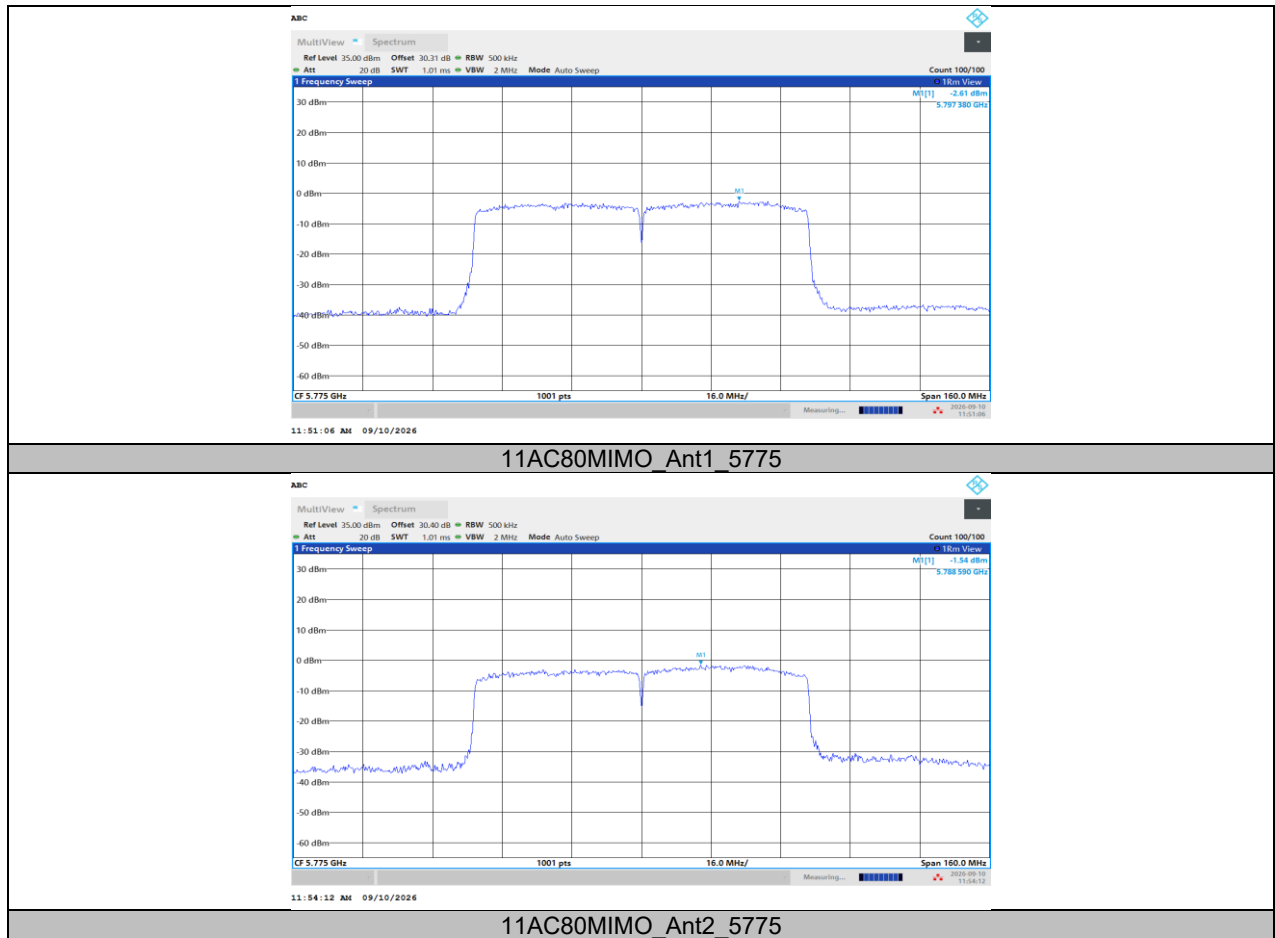
11AC80MIMO_Ant2_5690_UNII-2C



11AC80MIMO_Ant1_5690_UNII-3



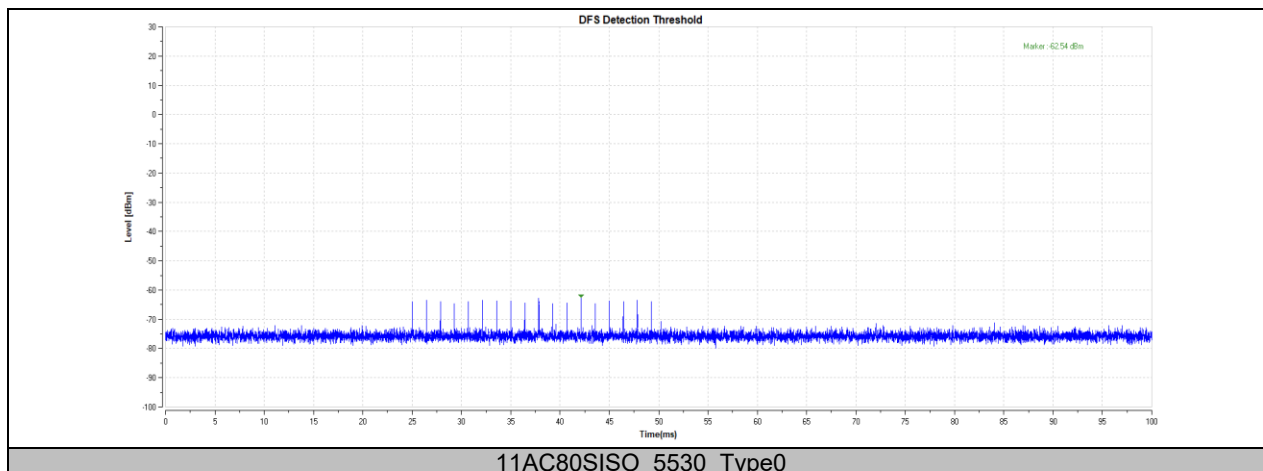
11AC80MIMO_Ant2_5690_UNII-3



11.6. APPENDIX F: DFS DETECTION THRESHOLDS**11.6.1. Test Result**

TestMode	Channel	Radar Type	Result	Limit[dbm]	Verdict
11AC80SISO	5530	Type0	-62.54	-62.00	PASS

11.6.2. Test Graphs

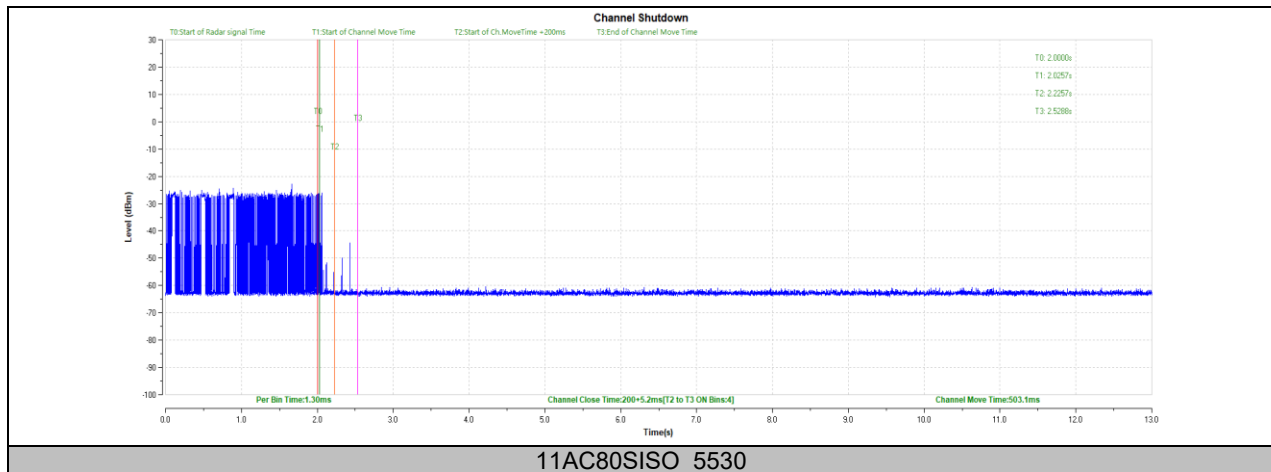


11.7. APPENDIX G: CHANNEL MOVE TIME AND CHANNEL CLOSING TRANSMISSION TIME

11.7.1. Test Result

TestMode	Channel	CCT[ms]	Limit[ms]	CMT[ms]	Limit[ms]	Verdict
11AC80SISO	5530	200+5.2	200+60	503.1	10000	PASS

11.7.2. Test Graphs

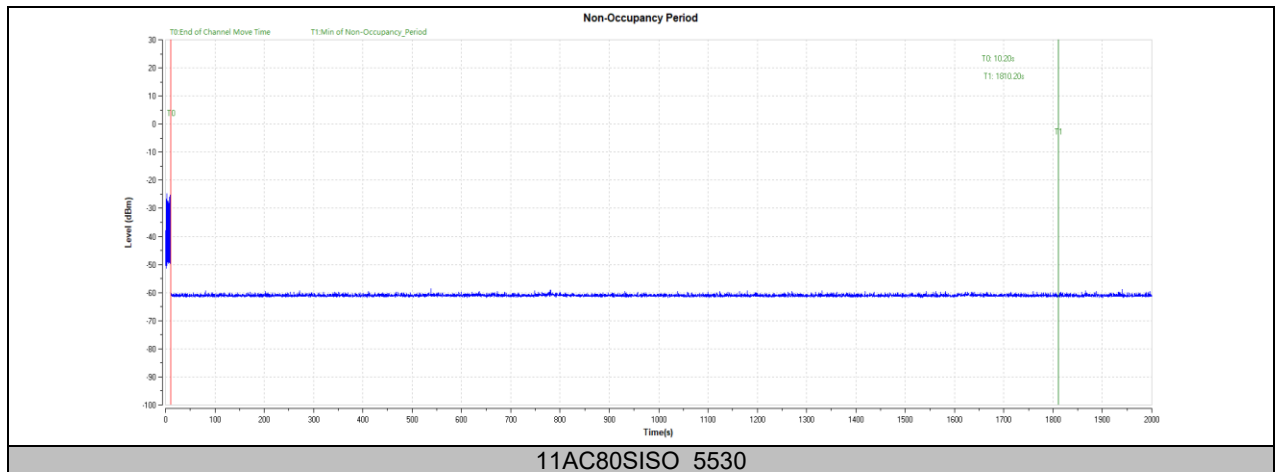


11.8. APPENDIX H: NON-OCCUPANCY PERIOD

Test Result

TestMode	Channel	Result	Limit[s]	Verdict
11AC80SISO	5500	see test graph	≥ 1800	PASS

11.8.1. Test Graphs



11.9. APPENDIX I: FREQUENCY STABILITY

11.9.1. Test Result

Frequency Error vs. Voltage									
802.11a:5200MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
TN	VL	5200.0217	4.18	5200.0169	3.25	5200.0196	3.77	5199.9836	-3.15
TN	VN	5200.0079	1.52	5200.0130	2.50	5199.9787	-4.10	5199.9808	-3.69
TN	VH	5200.0217	4.18	5200.0052	1.00	5199.9807	-3.70	5199.9907	-1.78
Frequency Error vs. Temperature									
802.11a:5200MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)	Freq.Error (MHz)	Tolerance (ppm)
70	VN	5200.0187	3.59	5199.9872	-2.47	5199.9901	-1.90	5200.0232	4.47
60	VN	5199.9756	-4.69	5199.9810	-3.66	5200.0153	2.94	5199.9768	-4.47
50	VN	5199.9933	-1.29	5199.9776	-4.32	5200.0164	3.14	5200.0115	2.21
40	VN	5200.0162	3.12	5200.0244	4.68	5199.9995	-0.10	5199.9930	-1.34
30	VN	5199.9949	-0.98	5200.0173	3.33	5199.9890	-2.12	5199.9921	-1.52
20	VN	5200.0218	4.19	5199.9835	-3.17	5199.9900	-1.93	5200.0151	2.90
10	VN	5200.0114	2.19	5199.9858	-2.74	5200.0126	2.42	5199.9929	-1.37
0	VN	5199.9778	-4.26	5199.9778	-4.28	5200.0231	4.44	5199.9981	-0.37
-10	VN	5200.0210	4.04	5200.0230	4.42	5200.0024	0.46	5199.9882	-2.27

Note:

1. All antennas, test modes and test channels have been tested, only the worst data record in the report.
2. For the detail Test Conditions, please refer to section 7.5 TEST ENVIRONMENT.

11.10. APPENDIX J: DUTY CYCLE

11.10.1. Test Result

Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11A	1.36	1.86	0.7312	73.12	1.36	0.74	1
11N20MIMO	1.27	1.77	0.7175	71.75	1.44	0.79	1
11N40MIMO	0.63	1.13	0.5575	55.75	2.54	1.59	2
11AC80MIMO	0.31	0.81	0.3827	38.27	4.17	3.23	4

Note:

Duty Cycle Correction Factor = $10 \log (1/x)$.

Where: x is Duty Cycle (Linear)

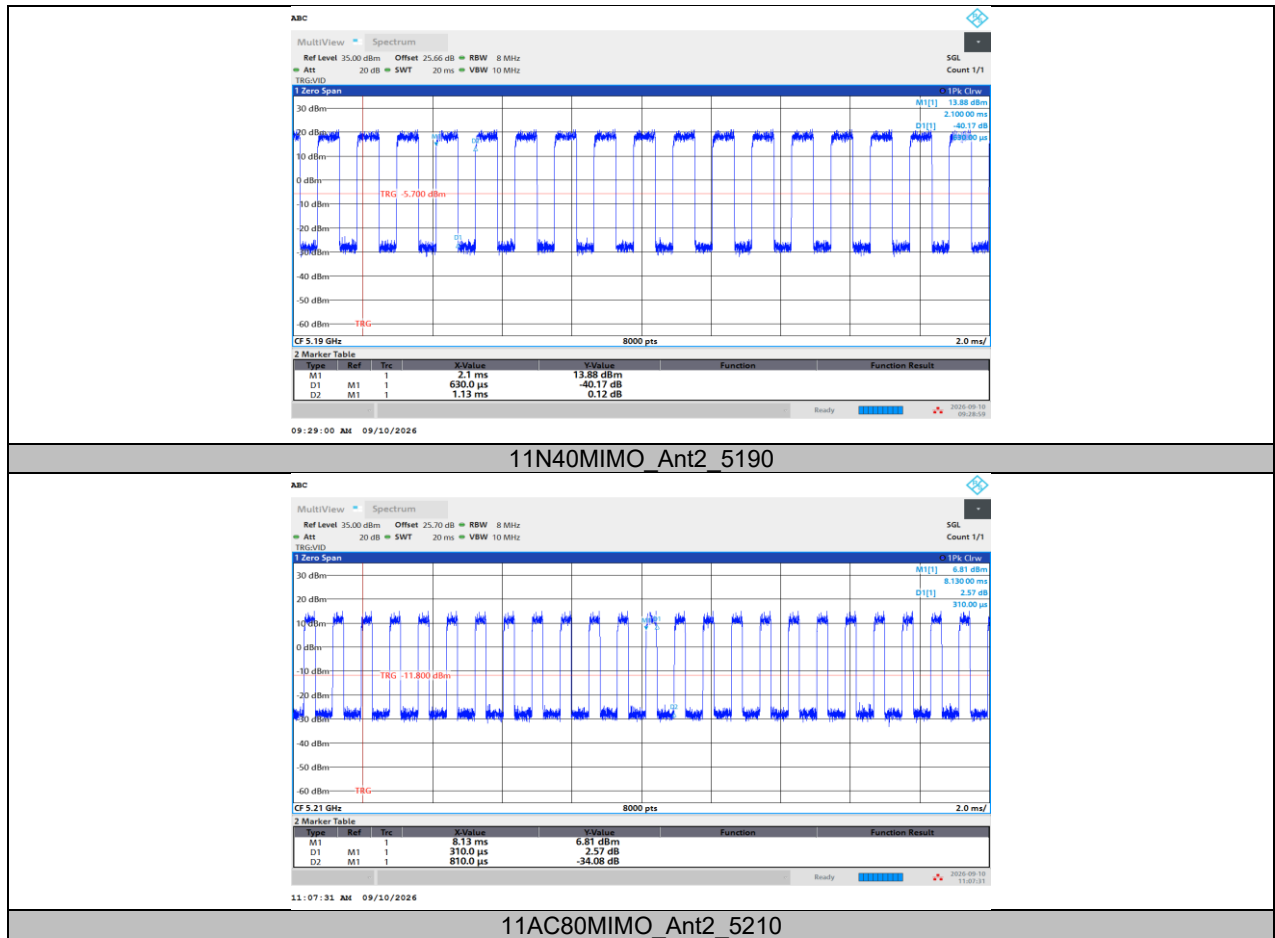
Where: T is On Time

If that calculated VBW is not available on the analyzer then the next higher value should be used.

If the EUT is configured to transmit with duty cycle $\geq 98\%$, set $VBW \leq RBW/100$ (i.e., 10 kHz) but not less than 10 Hz.

11.10.2. Test Graphs





END OF REPORT