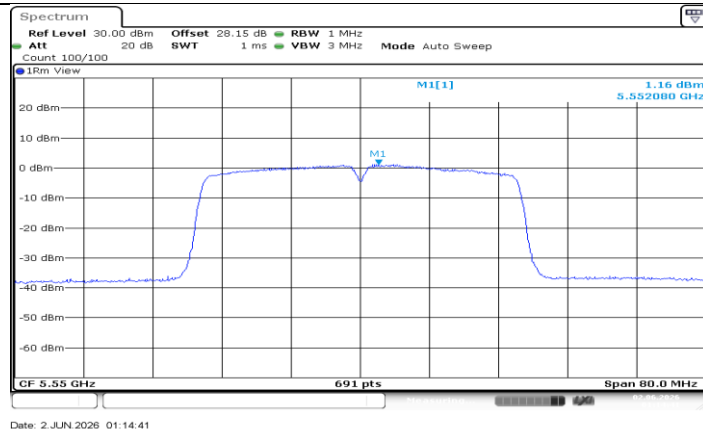
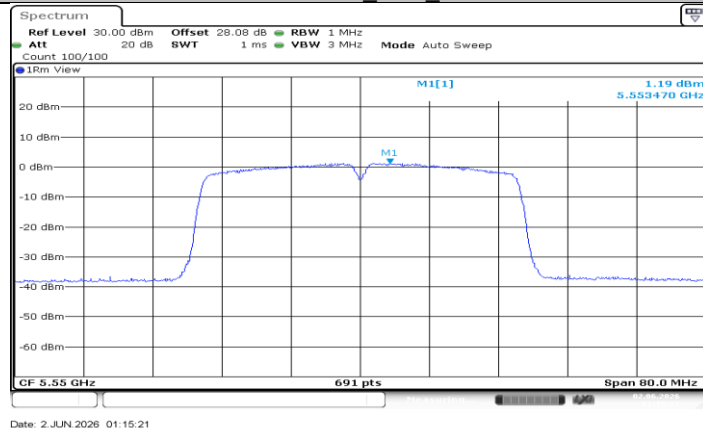
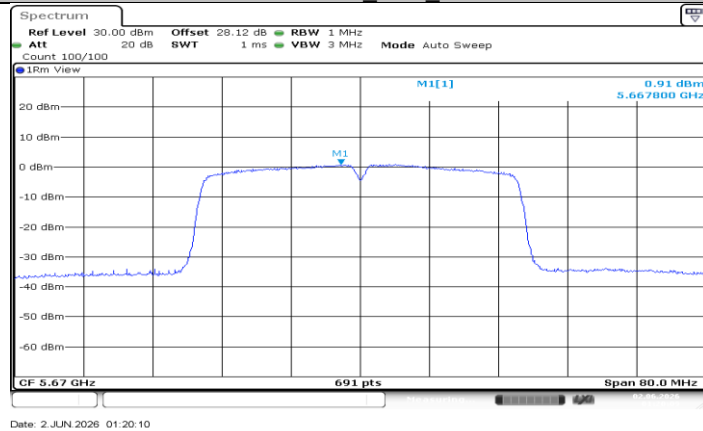




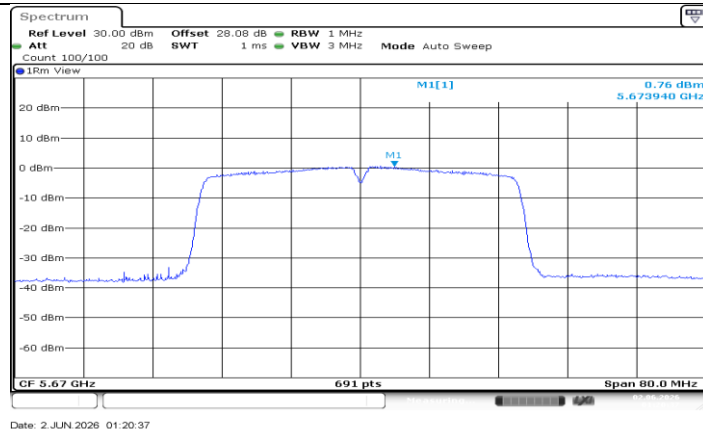
11N40MIMO_Ant1_5550



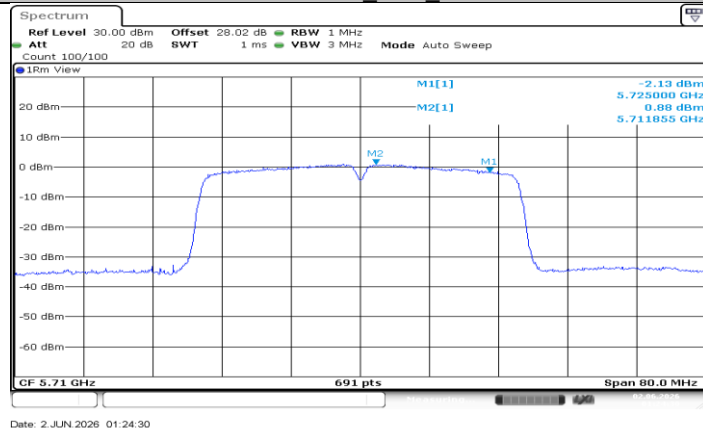
11N40MIMO_Ant2_5550



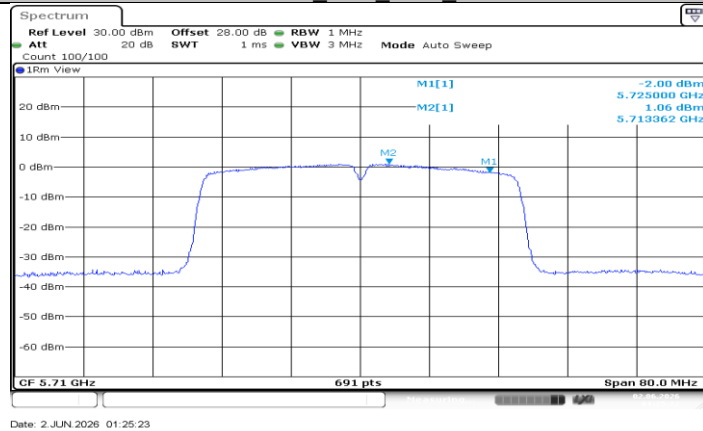
11N40MIMO_Ant1_5670



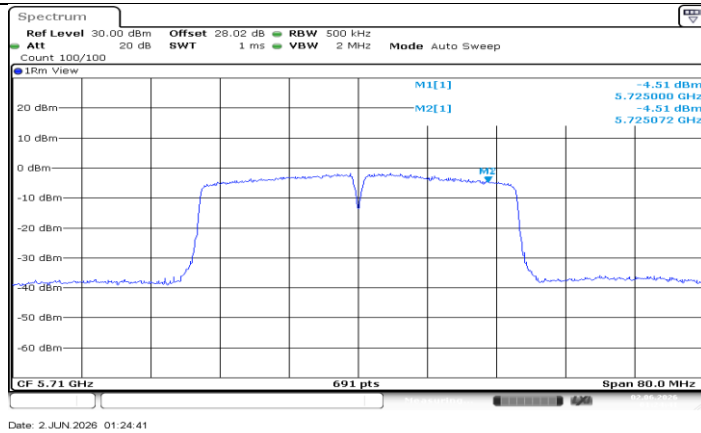
11N40MIMO_Ant2_5670



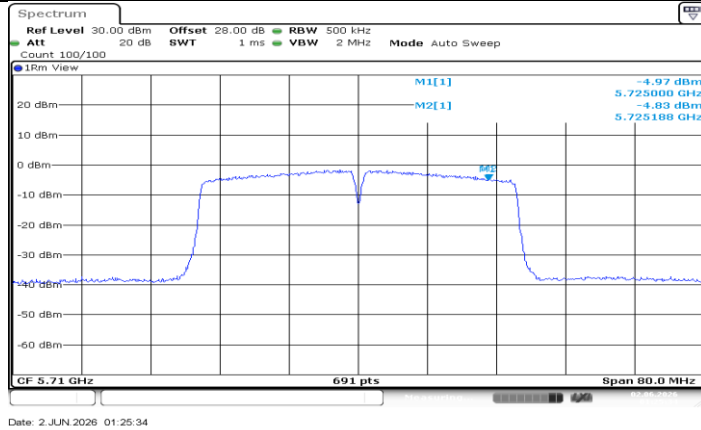
11N40MIMO_Ant1_5710_UNII-2C



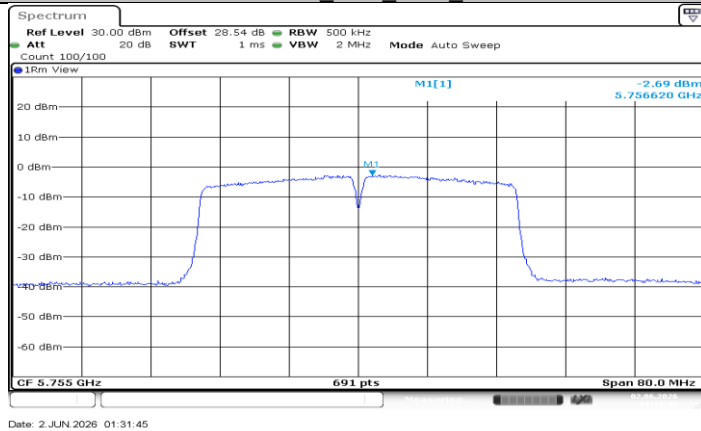
11N40MIMO_Ant2_5710_UNII-2C



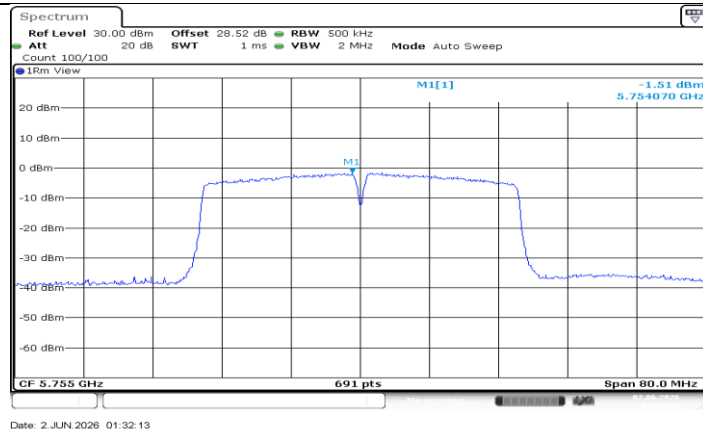
11N40MIMO_Ant1_5710_UNII-3



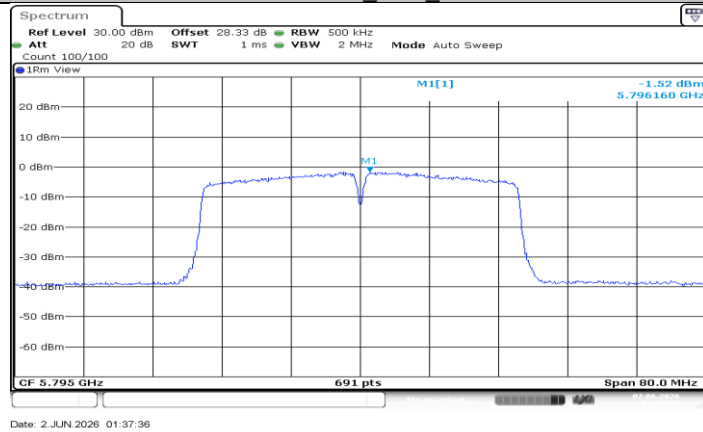
11N40MIMO_Ant2_5710_UNII-3



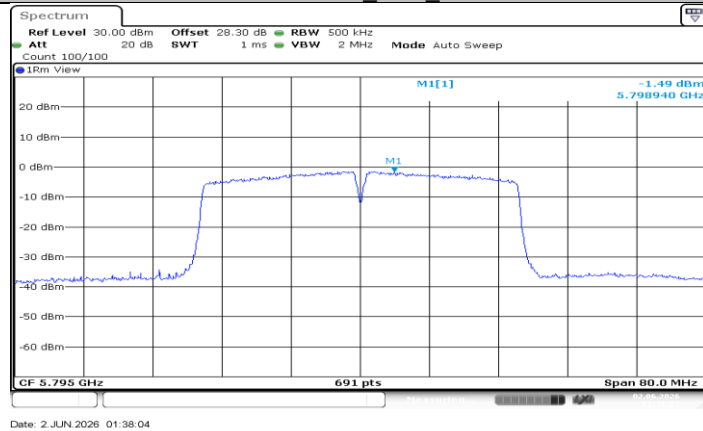
11N40MIMO_Ant1_5755



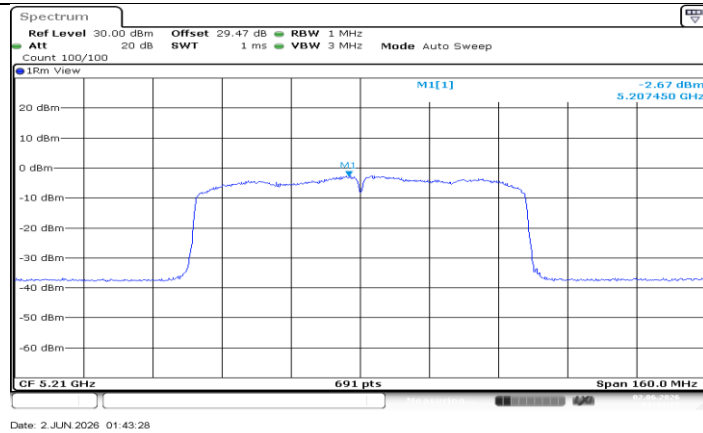
11N40MIMO_Ant2_5755



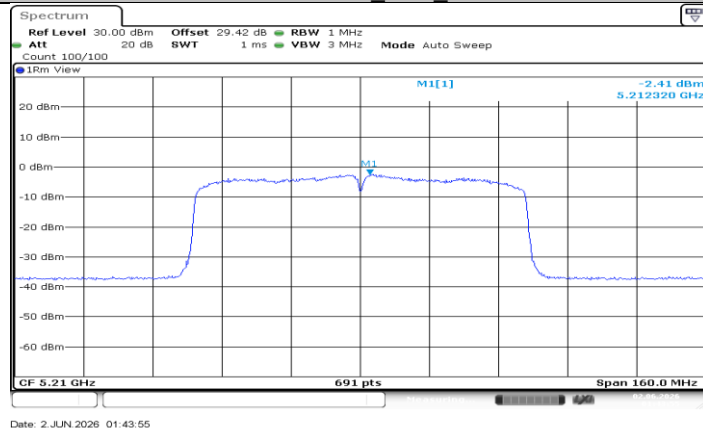
11N40MIMO_Ant1_5795



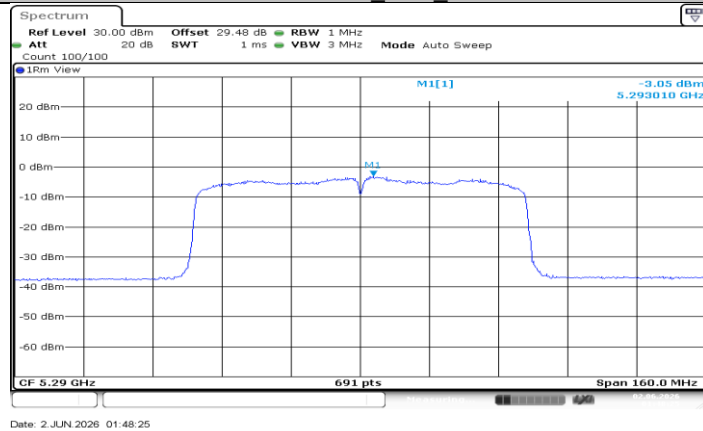
11N40MIMO_Ant2_5795



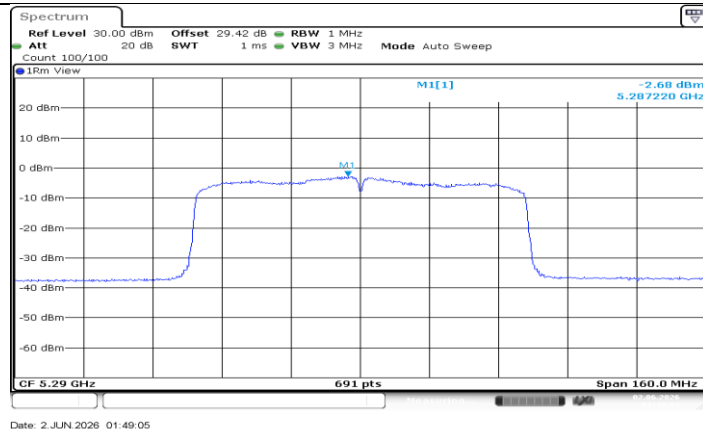
11AC80MIMO_Ant1_5210



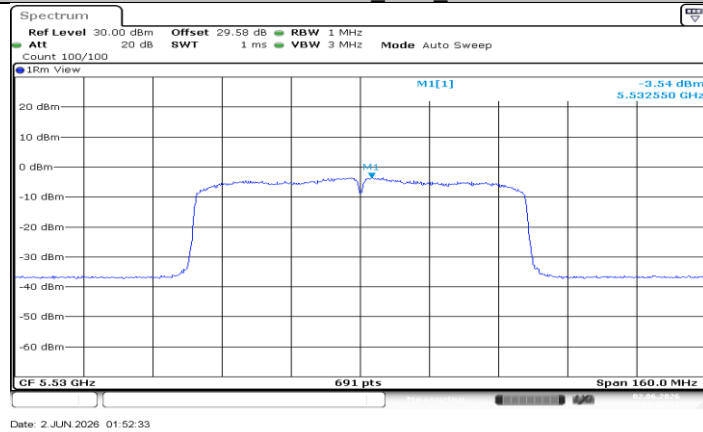
11AC80MIMO_Ant2_5210



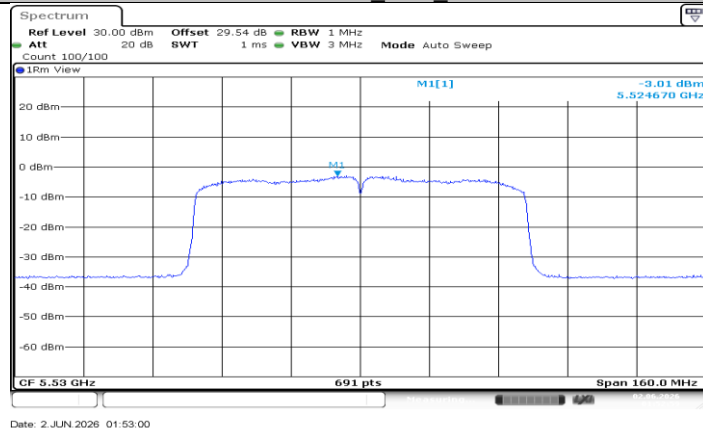
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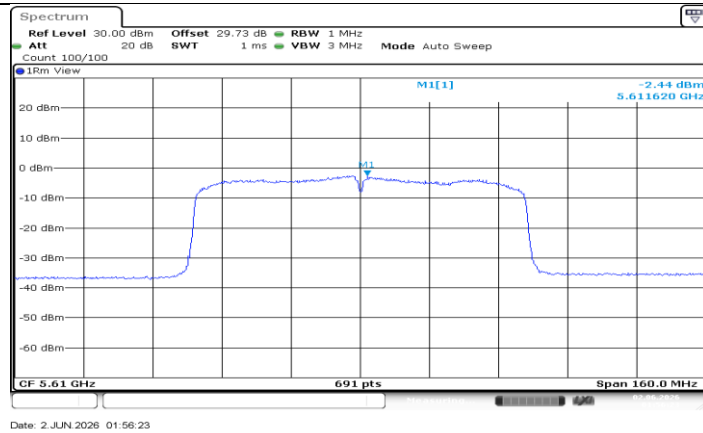
11AC80MIMO_Ant2_5290



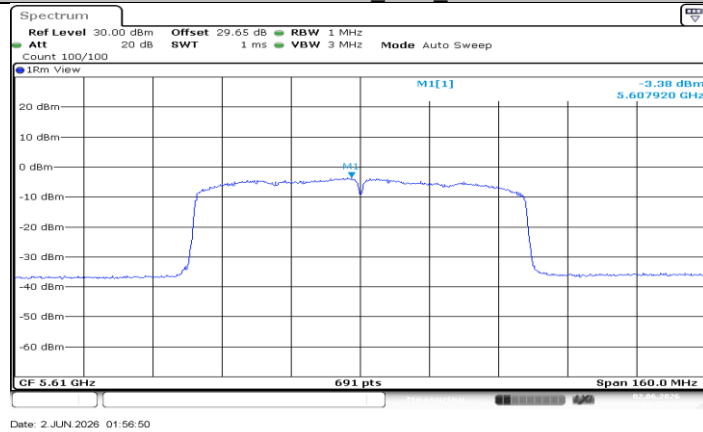
11AC80MIMO_Ant1_5530



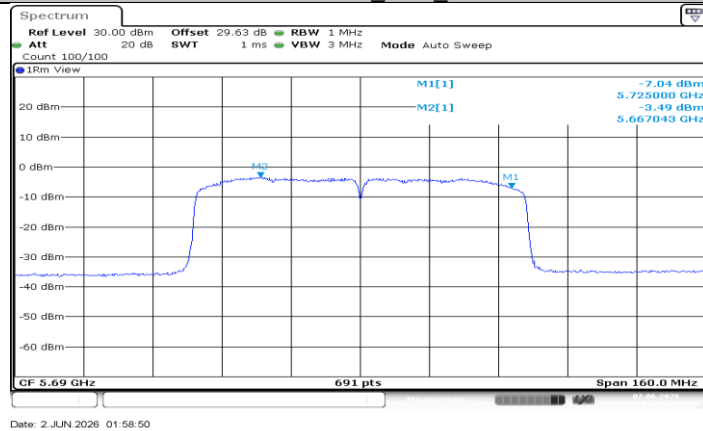
11AC80MIMO_Ant2_5530



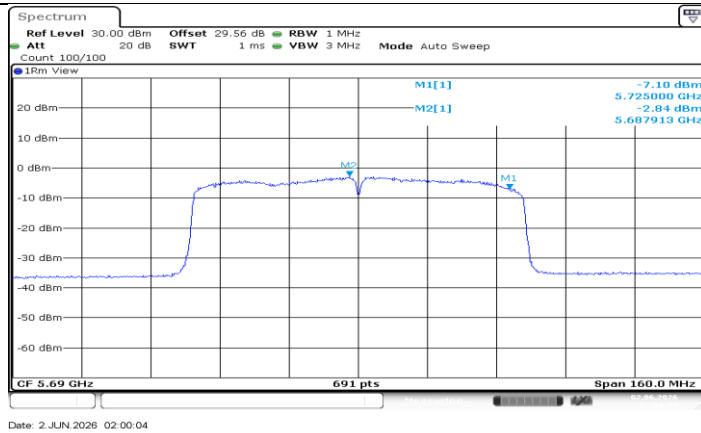
11AC80MIMO_Ant1_5610



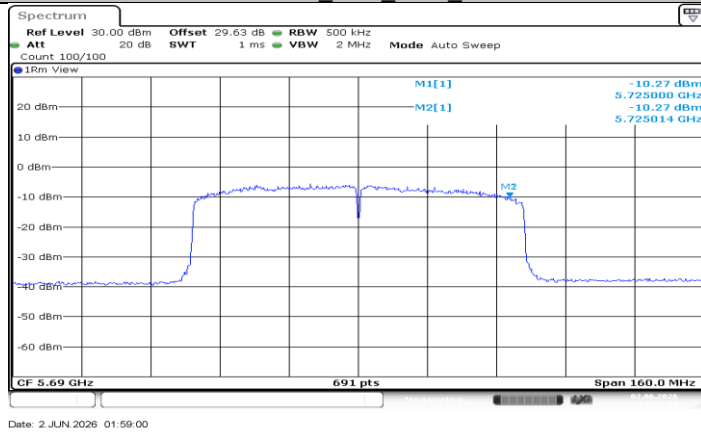
11AC80MIMO_Ant2_5610



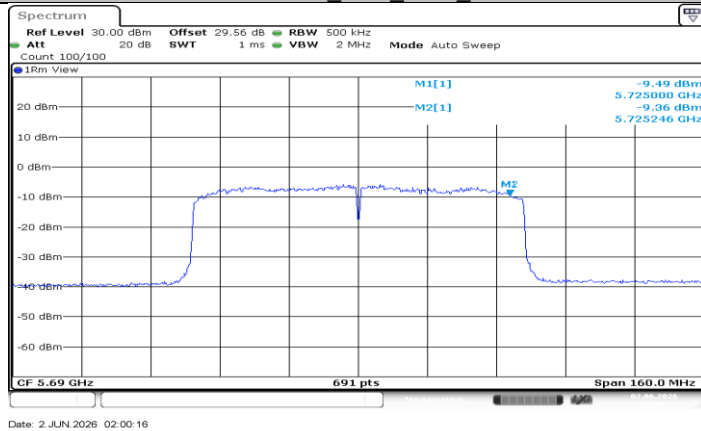
11AC80MIMO_Ant1_5690_UNII-2C



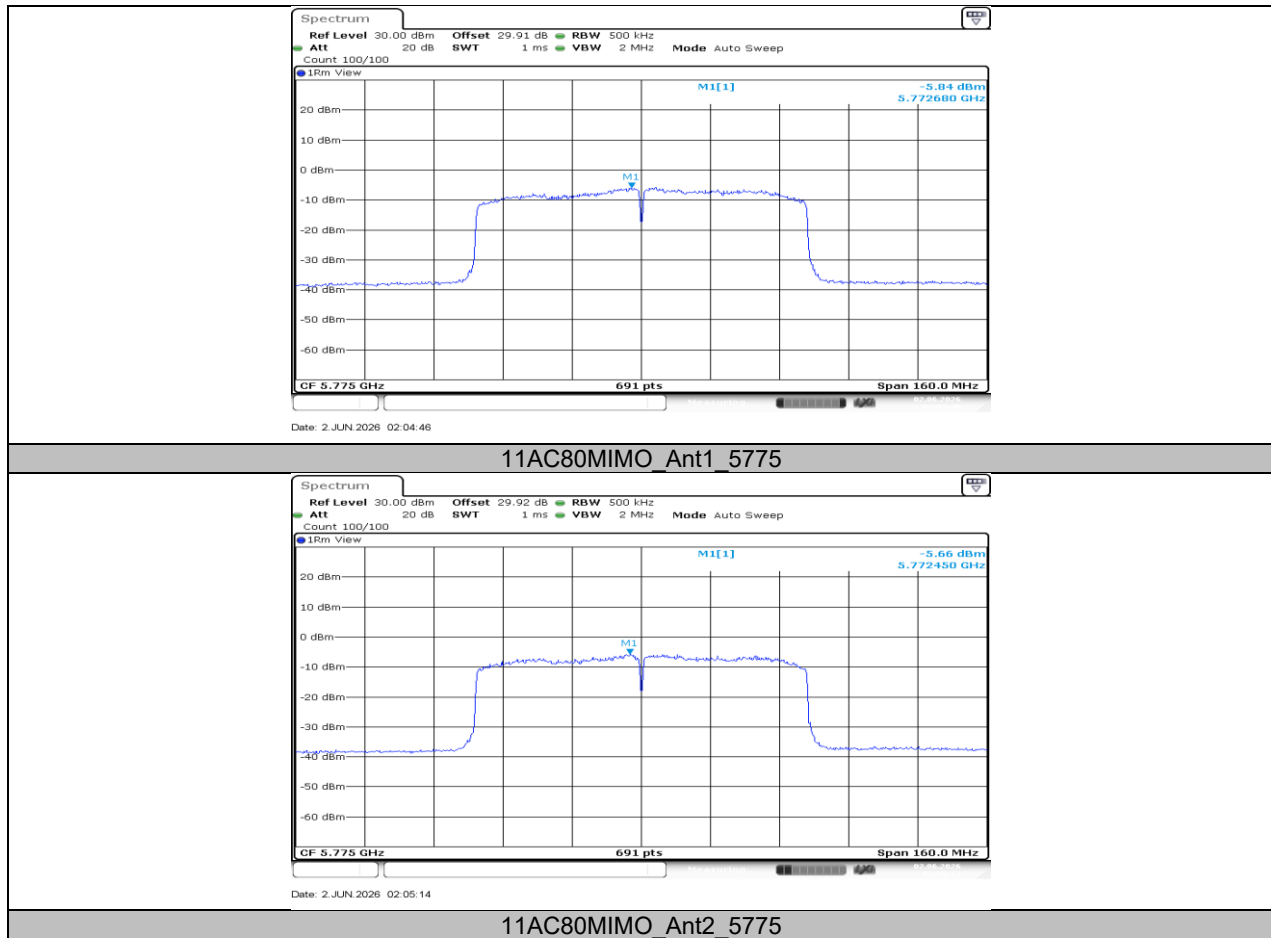
11AC80MIMO_Ant2_5690_UNII-2C



11AC80MIMO_Ant1_5690_UNII-3



11AC80MIMO_Ant2_5690_UNII-3



Note:

1. For all modes, RBW setting to 1MHz is used on PSD measurement in UNII-1/UNII-2A/UNII-2C.
2. For all modes, RBW setting to 500kHz is used on PSD measurement in UNII-3.

11.6. APPENDIX F: FREQUENCY STABILITY

11.6.1. 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	5200.0093	1.79	5200.0217	4.18	5200.0009	0.17	5200.0233	4.49
TN	VN	5199.9848	-2.92	5199.9787	-4.10	5200.0028	0.54	5199.9917	-1.60
TN	VH	5200.0008	0.15	5200.0031	0.59	5200.0151	2.90	5200.0094	1.80
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	5199.9777	-4.29	5199.9799	-3.86	5200.0103	1.98	5199.9974	-0.51
60	VN	5200.0208	4.00	5199.9813	-3.59	5200.0188	3.62	5200.0234	4.50
50	VN	5200.0183	3.53	5199.9842	-3.04	5199.9925	-1.44	5200.0107	2.06
40	VN	5200.0094	1.80	5199.9980	-0.39	5200.0177	3.41	5200.0061	1.17
30	VN	5200.0228	4.38	5200.0206	3.96	5199.9958	-0.80	5200.0131	2.51
20	VN	5200.0033	0.64	5199.9833	-3.22	5200.0204	3.93	5199.9845	-2.98
10	VN	5200.0217	4.17	5200.0158	3.04	5200.0186	3.58	5199.9827	-3.32
0	VN	5200.0020	0.38	5199.9813	-3.60	5199.9833	-3.21	5199.9999	-0.01

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.

11.7. APPENDIX G: DUTY CYCLE**11.7.1. 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	1.35	1.85	0.7297	72.97	1.37	0.74	1
11N20MIMO	1.26	1.76	0.7159	71.59	1.45	0.79	1
11N40MIMO	0.63	1.13	0.5575	55.75	2.54	1.59	2
11AC80MIMO	0.32	0.82	0.3902	39.02	4.09	3.13	4

Note:

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

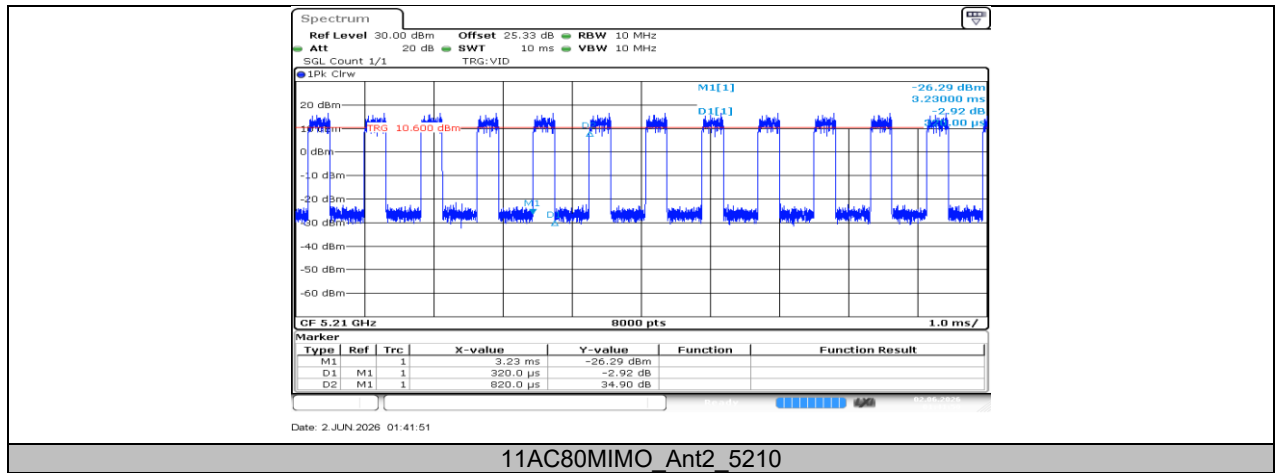
Where: x is Duty Cycle (Linear)

Where: T is On Time

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

11.7.2. Test Graphs



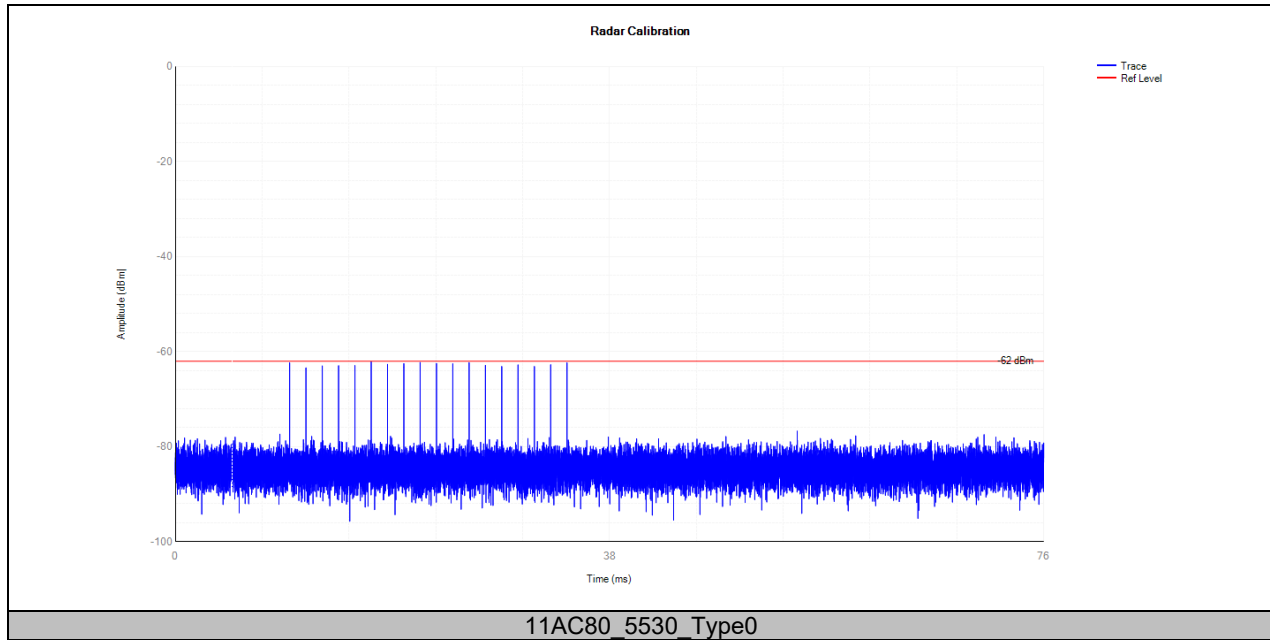


11.8. APPENDIX H: DFS DETECTION THRESHOLDS

11.8.1. Test Result

TestMode	Channel	Radar Type	Result	Verdict
11AC80	5530	Type0	See test Graph	PASS

11.8.2. Test Graphs

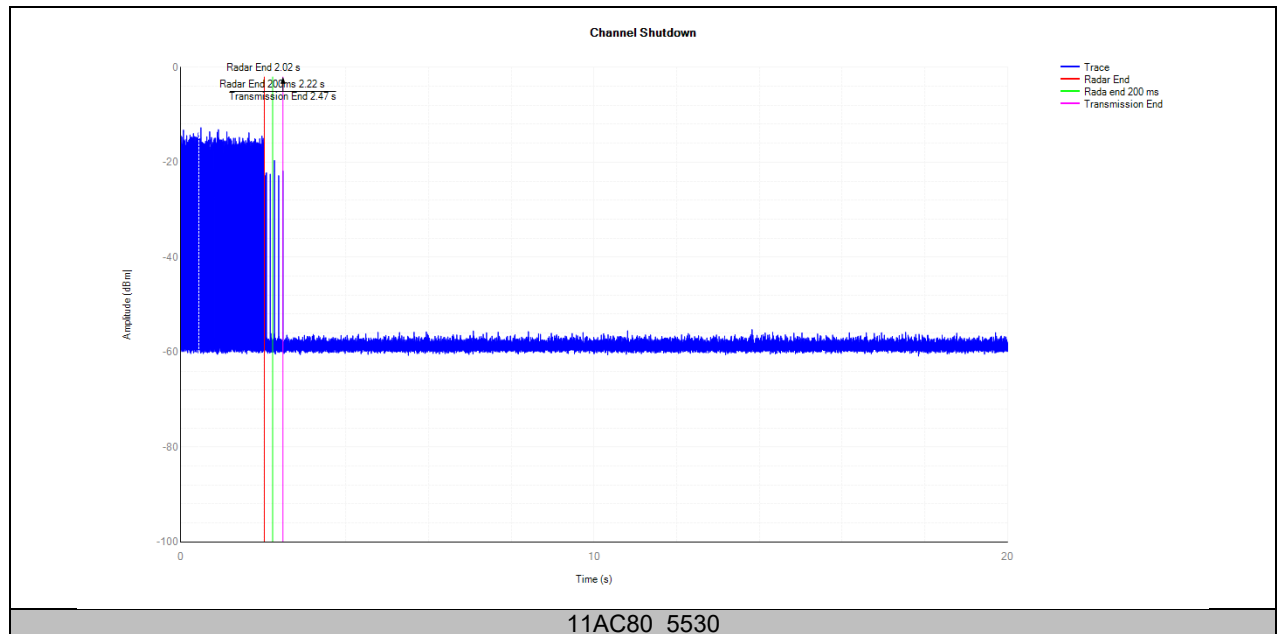


11.9. APPENDIX I: CHANNEL MOVE TIME AND CHANNEL CLOSING TRANSMISSION TIME

11.9.1. Test Result

Mode	Frequency (MHz)	Channel Move Time (s)	Limit Channel Move Time (s)	Close Transmission Time (s)	Limit Close Transmission Time (s)	Close Transmission Time after 200ms(s)	Limit Close Transmission Time after 200ms (s)	Verdict
11AC80	5530	0.45	10	0.015	0.26	0.003	0.06	Pass

11.9.2. Test Graphs

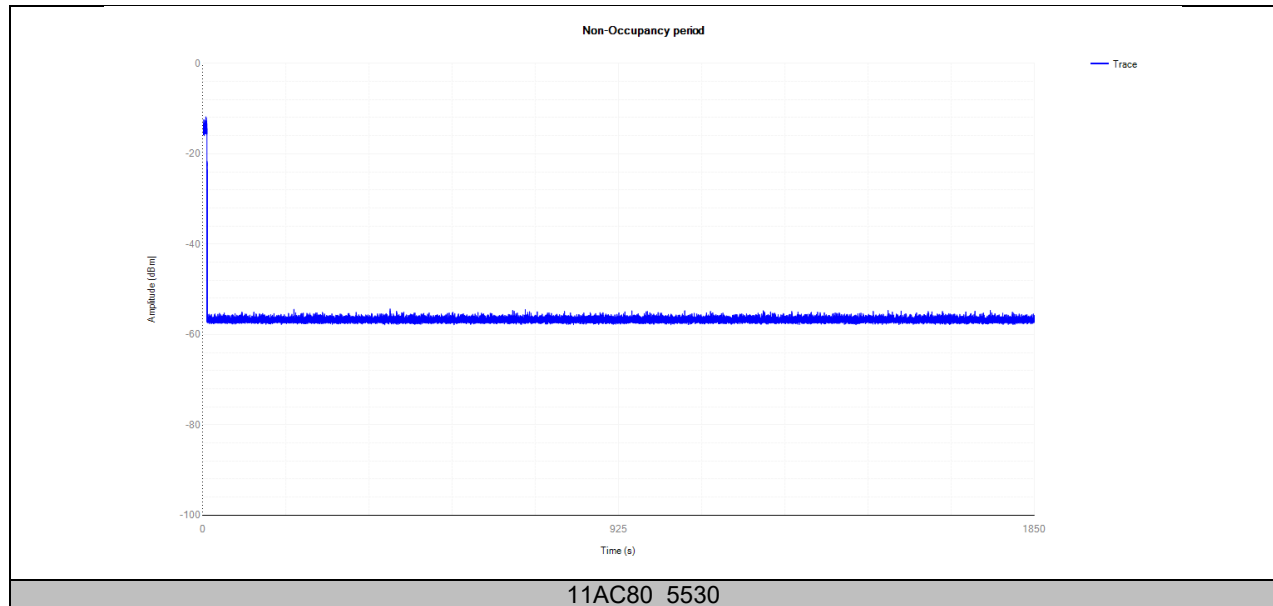


11.10. APPENDIX J: NON-OCCUPANCY PERIOD

Test Result

TestMode	Channel	Result	Limit[s]	Verdict
11AC80	5530	see test graph	≥1800	PASS

11.10.1. Test Graphs



Note: The test plot of Non-occupancy period is show 1850 seconds and the data transmission has stopped within 20 seconds.

END OF REPORT