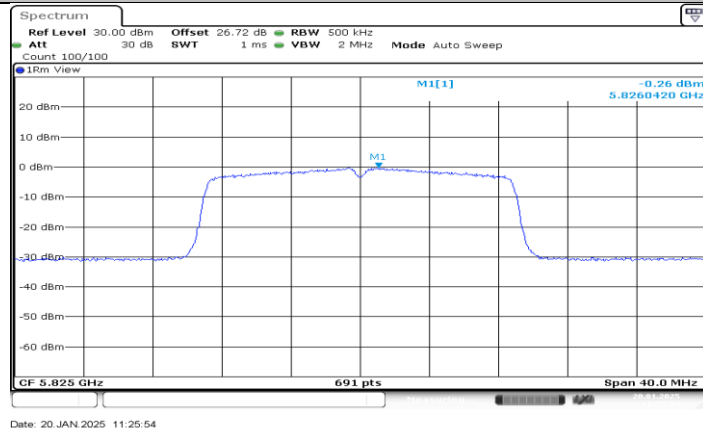
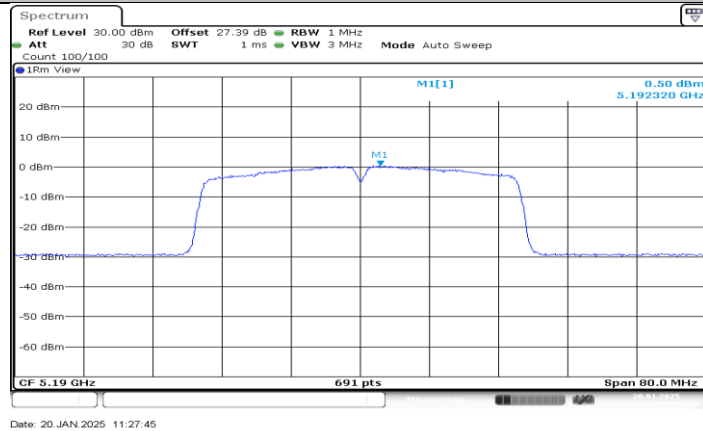


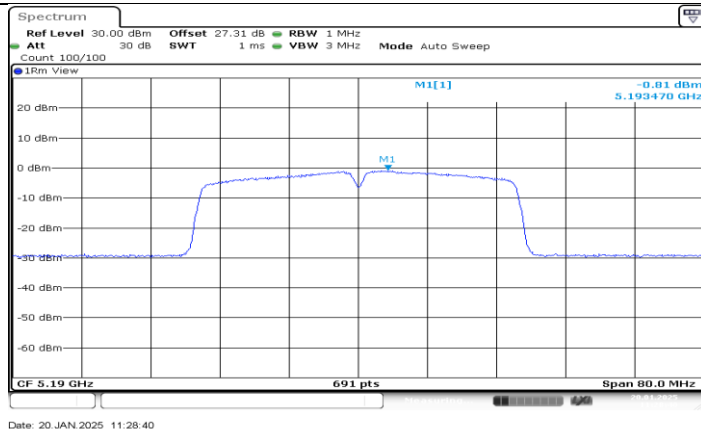
11N20MIMO_Ant0_5825



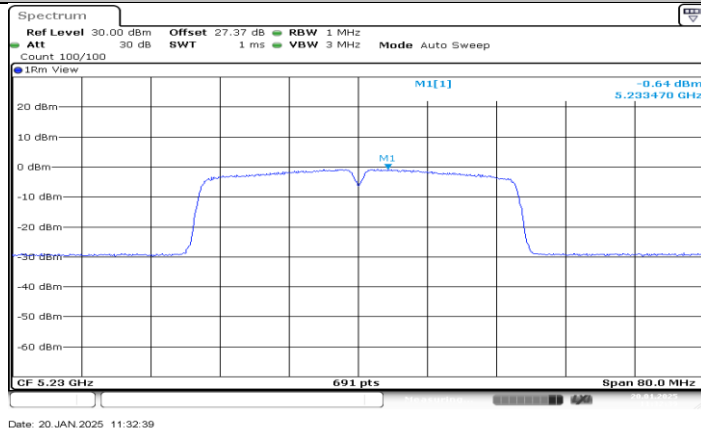
11N20MIMO_Ant1_5825



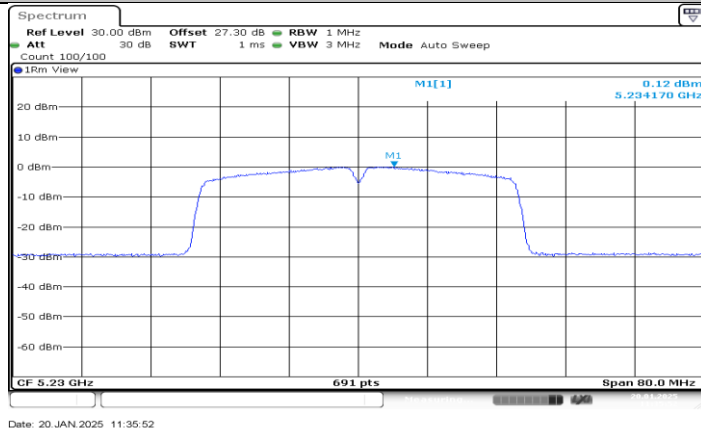
11N40MIMO_Ant0_5190



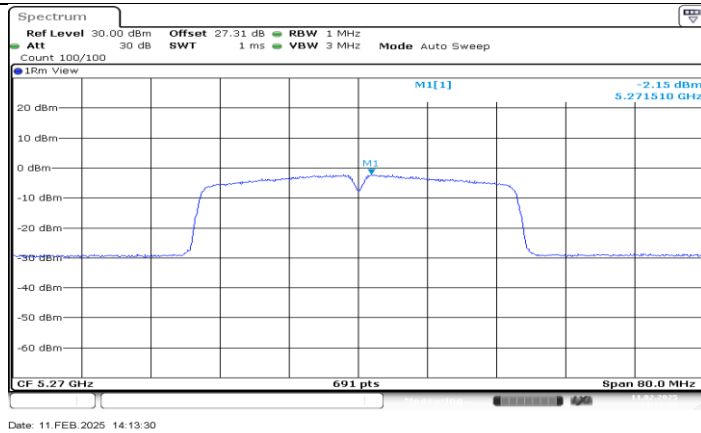
11N40MIMO_Ant1_5190



11N40MIMO_Ant0_5230



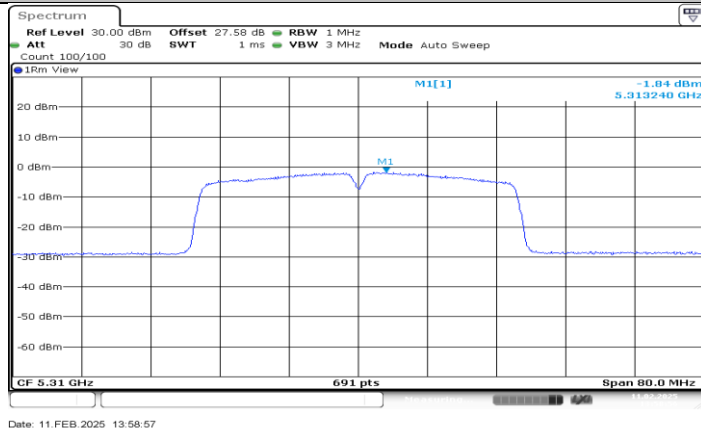
11N40MIMO_Ant1_5230



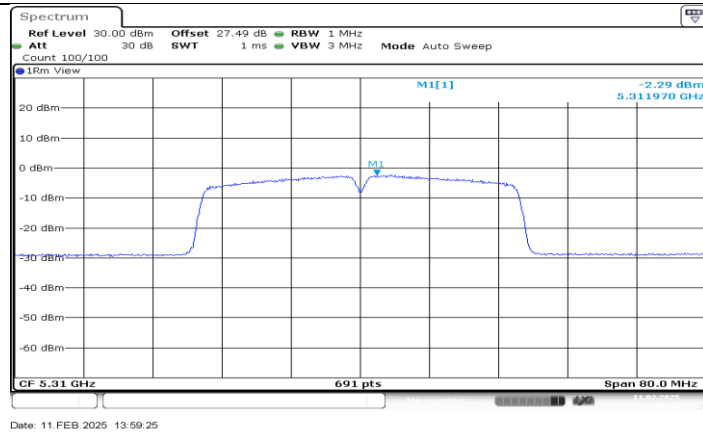
11N40MIMO_Ant0_5270



11N40MIMO_Ant1_5270



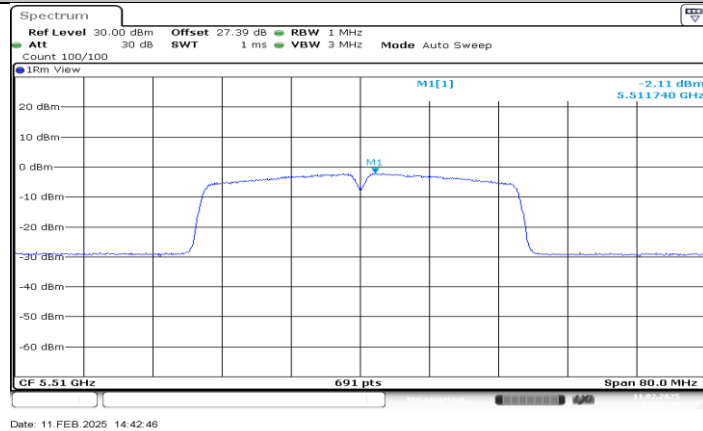
11N40MIMO_Ant0_5310



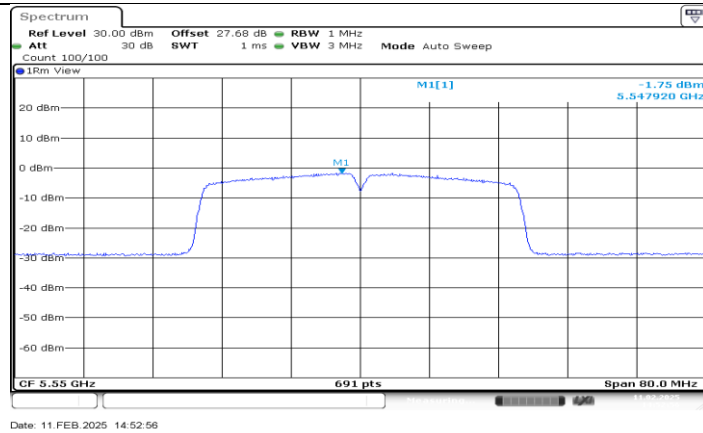
11N40MIMO_Ant1_5310



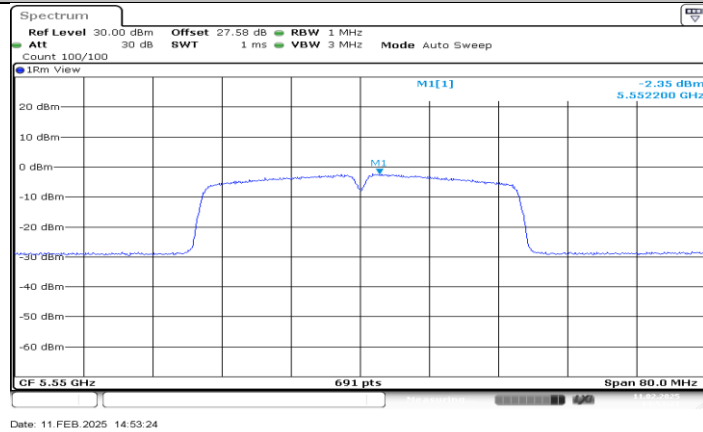
11N40MIMO_Ant0_5510



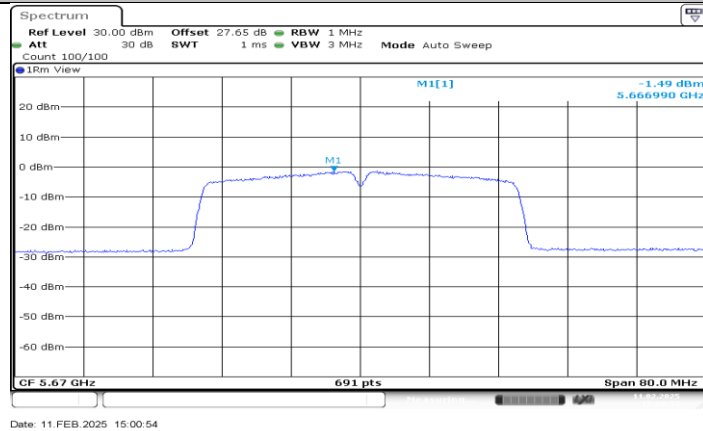
11N40MIMO_Ant1_5510



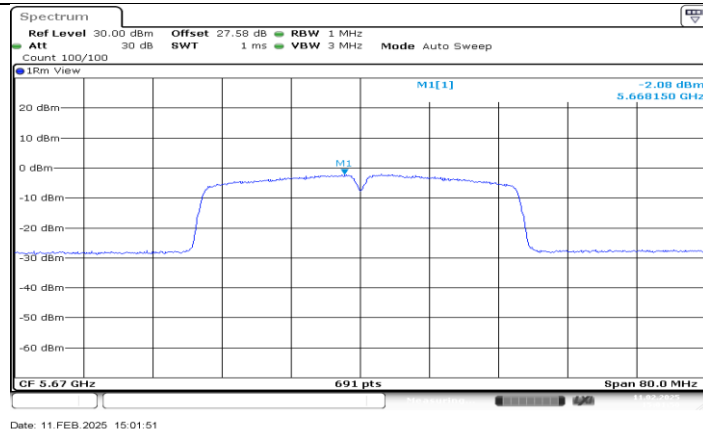
11N40MIMO_Ant0_5550



11N40MIMO_Ant1_5550



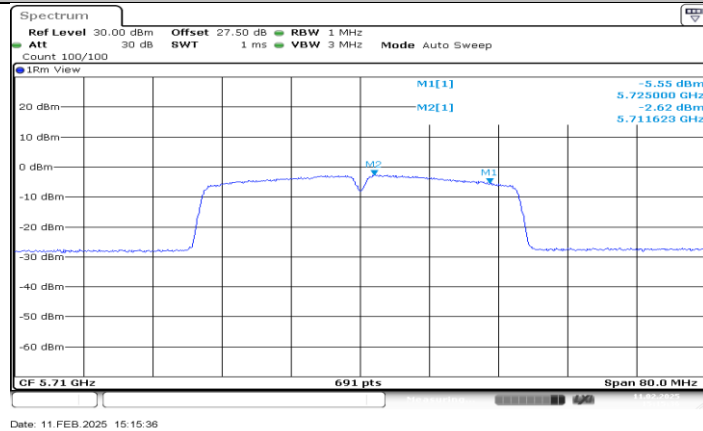
11N40MIMO_Ant0_5670



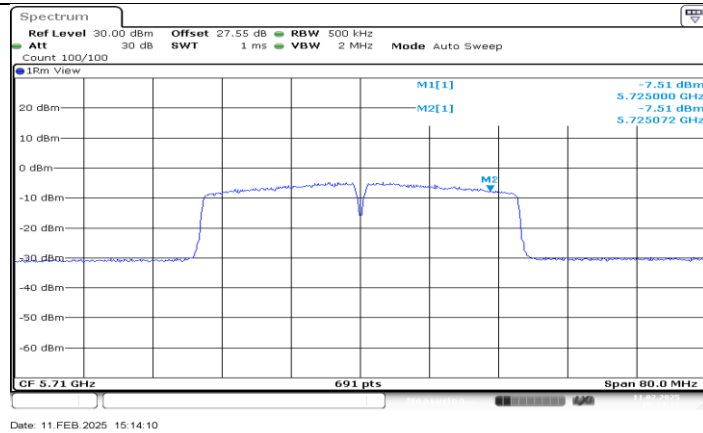
11N40MIMO_Ant1_5670



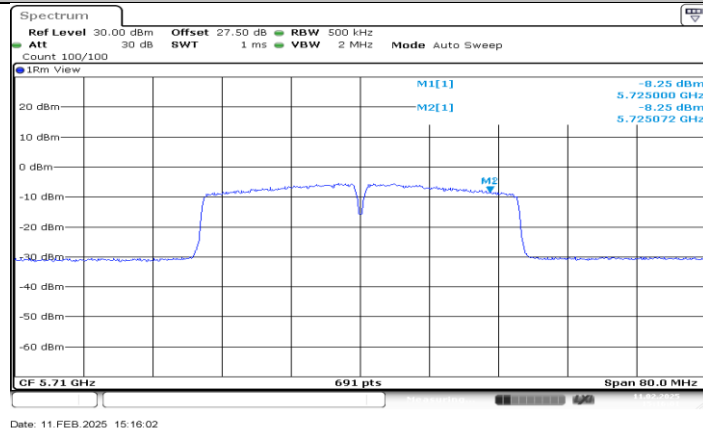
11N40MIMO_Ant0_5710_UNII-2C



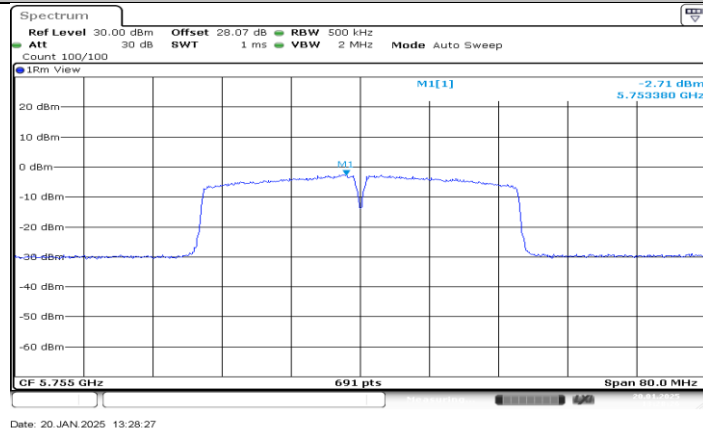
11N40MIMO_Ant1_5710_UNII-2C



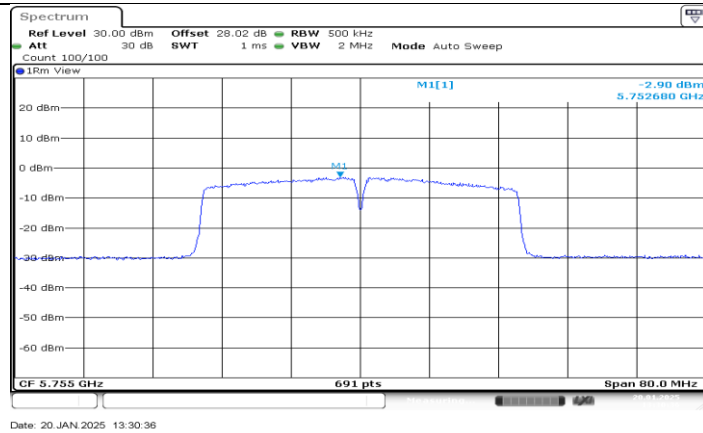
11N40MIMO_Ant0_5710_UNII-3



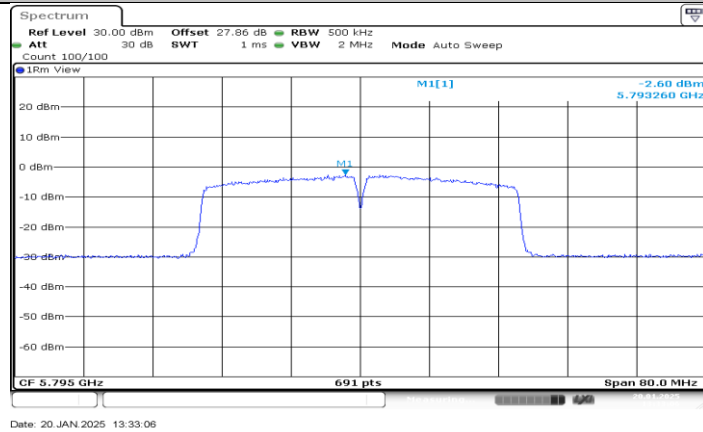
11N40MIMO_Ant1_5710_UNII-3



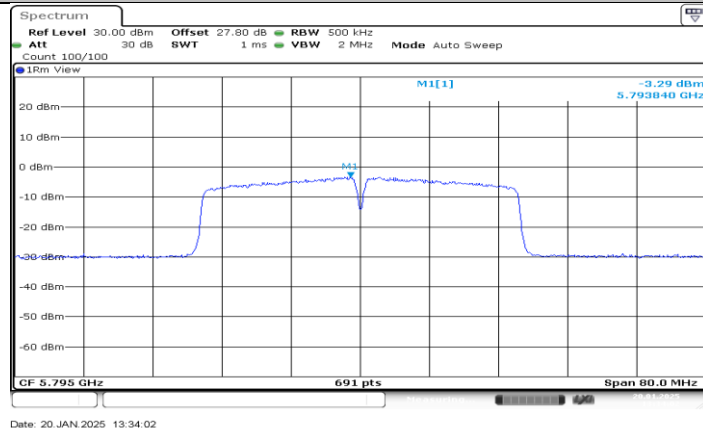
11N40MIMO_Ant0_5755



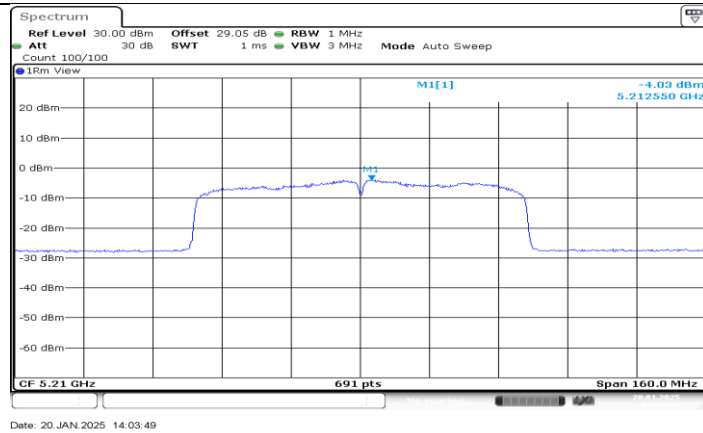
11N40MIMO_Ant1_5755



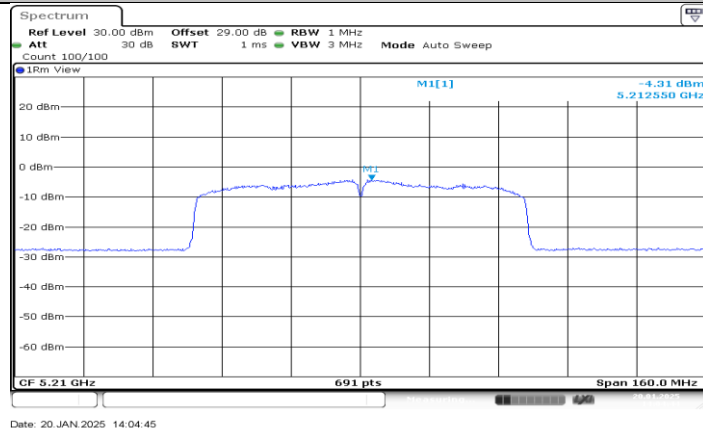
11N40MIMO_Ant0_5795



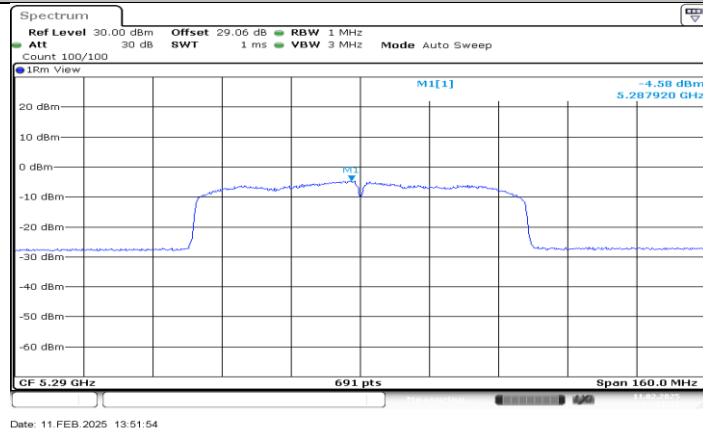
11N40MIMO_Ant1_5795



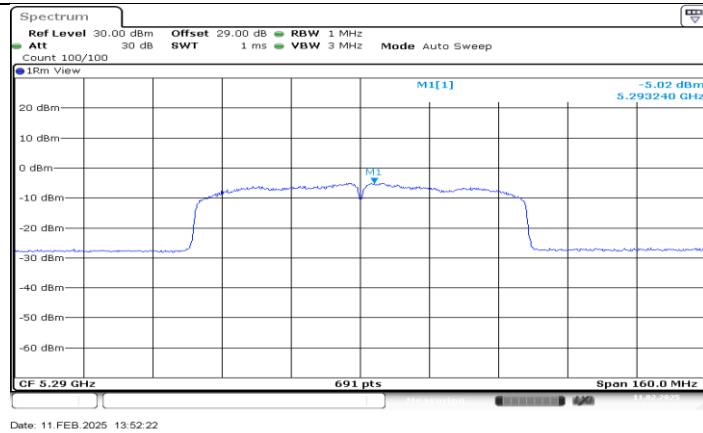
11AC80MIMO_Ant0_5210



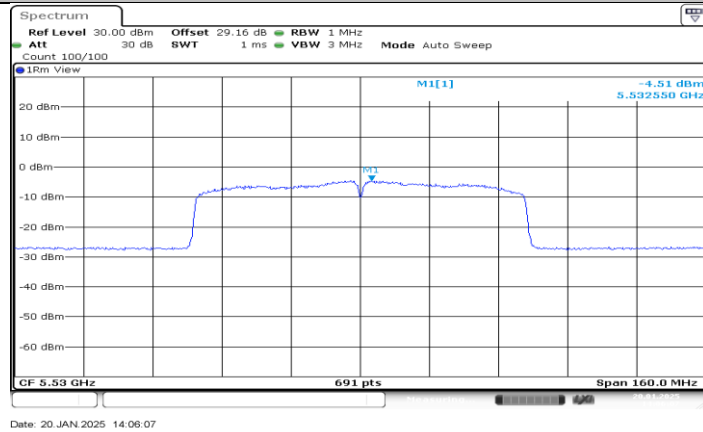
11AC80MIMO_Ant1_5210



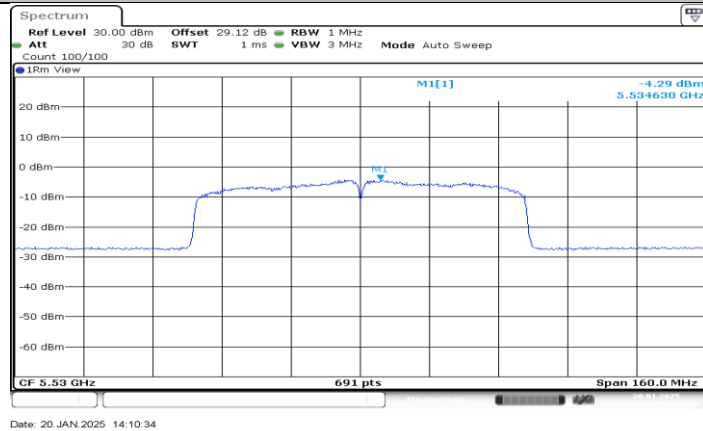
11AC80MIMO_Ant0_5290



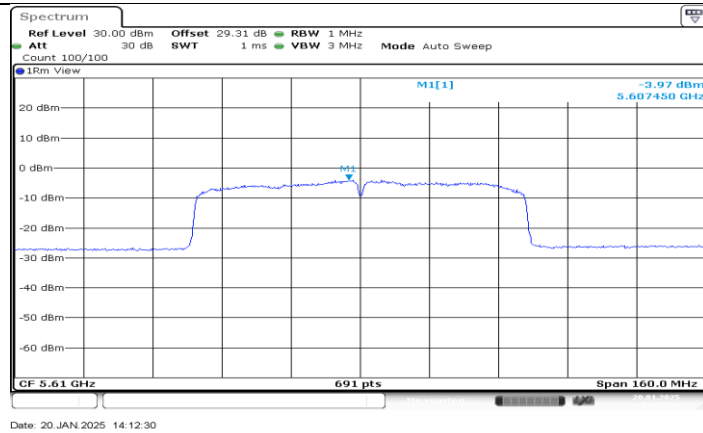
11AC80MIMO_Ant1_5290



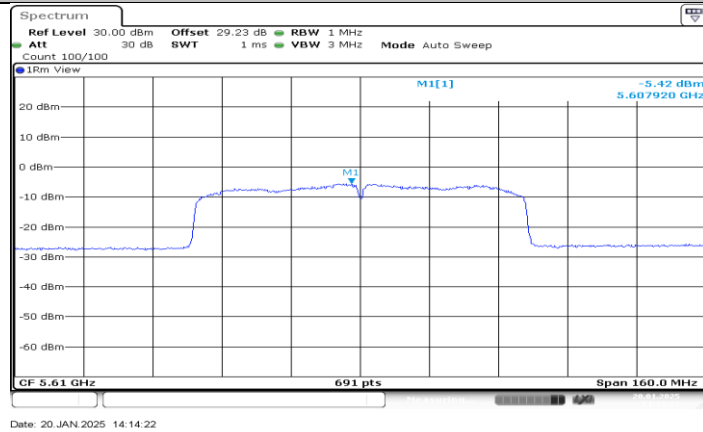
11AC80MIMO_Ant0_5530



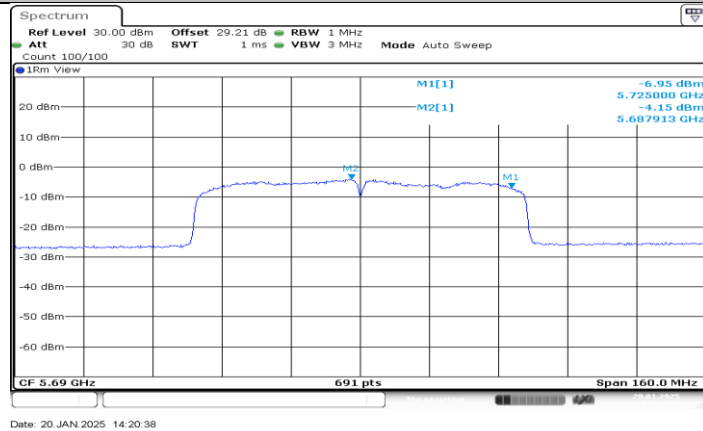
11AC80MIMO_Ant1_5530



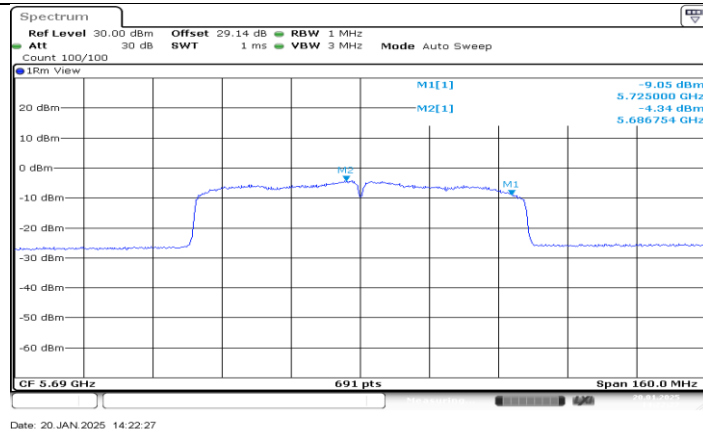
11AC80MIMO_Ant0_5610



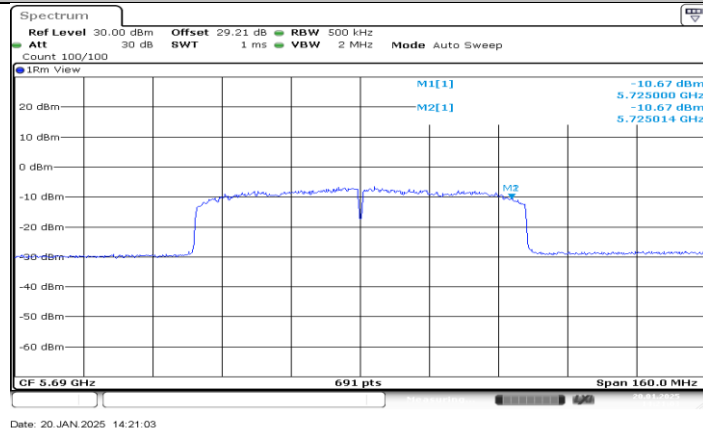
11AC80MIMO_Ant1_5610



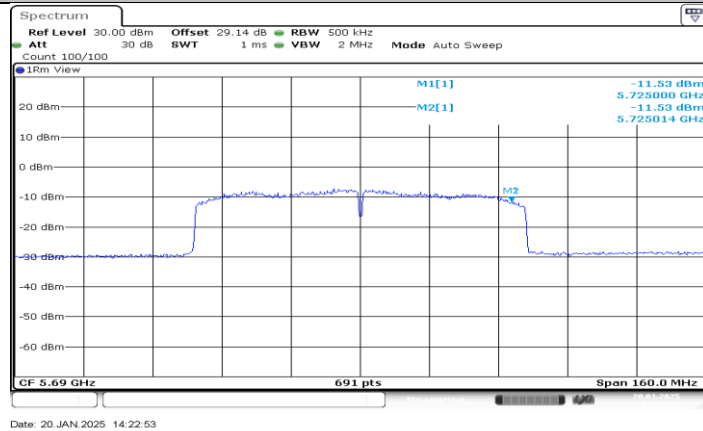
11AC80MIMO_Ant0_5690_UNII-2C



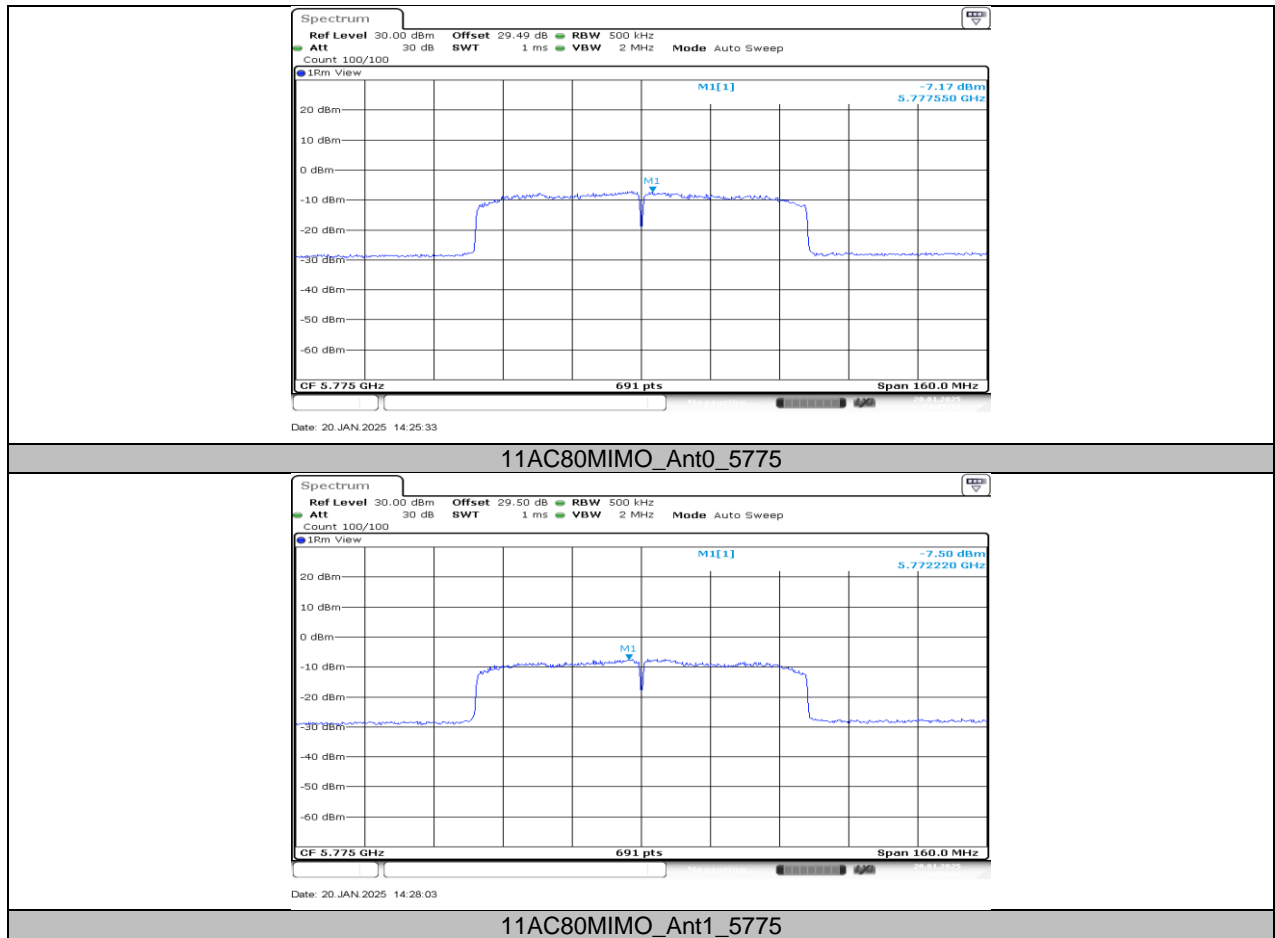
11AC80MIMO_Ant1_5690_UNII-2C



11AC80MIMO_Ant0_5690_UNII-3



11AC80MIMO_Ant1_5690_UNII-3



11.6. APPENDIX F: FREQUENCY STABILITY

11.6.1. Test Result

Frequency Error vs. Voltage									
802.11a:5180MHz									
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	5180.0108	2.08	5179.9759	-4.65	5179.9845	-2.99	5180.0155	3.00
TN	VN	5179.9861	-2.68	5180.0047	0.91	5179.9864	-2.62	5180.0246	4.74
TN	VH	5179.9982	-0.35	5180.0038	0.73	5180.0068	1.32	5180.0058	1.12
Frequency Error vs. Temperature									
802.11a:5180MHz									
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	5179.9784	-4.17	5180.0134	2.58	5180.0149	2.87	5180.0000	-0.01
60	VN	5180.0021	0.40	5180.0004	0.08	5180.0015	0.30	5179.9917	-1.61
50	VN	5180.0096	1.85	5180.0042	0.82	5179.9934	-1.27	5179.9831	-3.26
40	VN	5180.0113	2.18	5179.9817	-3.52	5179.9904	-1.86	5179.9946	-1.05
30	VN	5179.9866	-2.58	5180.0066	1.27	5179.9753	-4.77	5180.0082	1.58
20	VN	5180.0186	3.59	5179.9971	-0.55	5180.0028	0.55	5180.0028	0.55
10	VN	5179.9851	-2.88	5179.9785	-4.15	5179.9970	-0.58	5179.9794	-3.98
0	VN	5180.0050	0.97	5179.9978	-0.43	5180.0229	4.42	5180.0082	1.59

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	1.36	1.85	0.7351	73.51	1.34	0.74	1
11N20MIMO	1.26	1.76	0.7159	71.59	1.45	0.79	1
11N40MIMO	0.62	1.12	0.5536	55.36	2.57	1.61	2
11AC80MIMO	0.31	0.81	0.3827	38.27	4.17	3.23	4

Note:

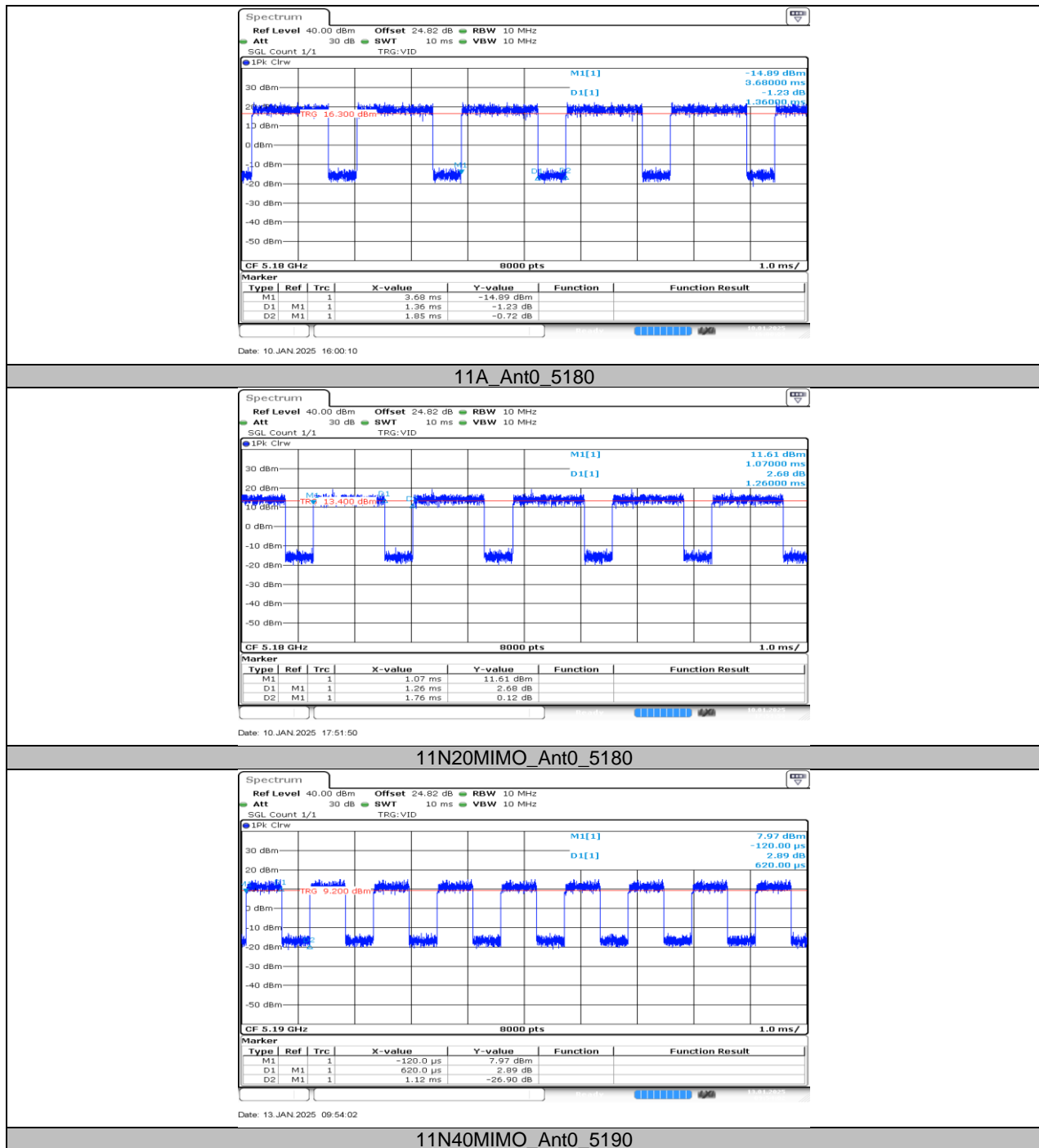
Duty Cycle Correction Factor= $10\log(1/x)$.

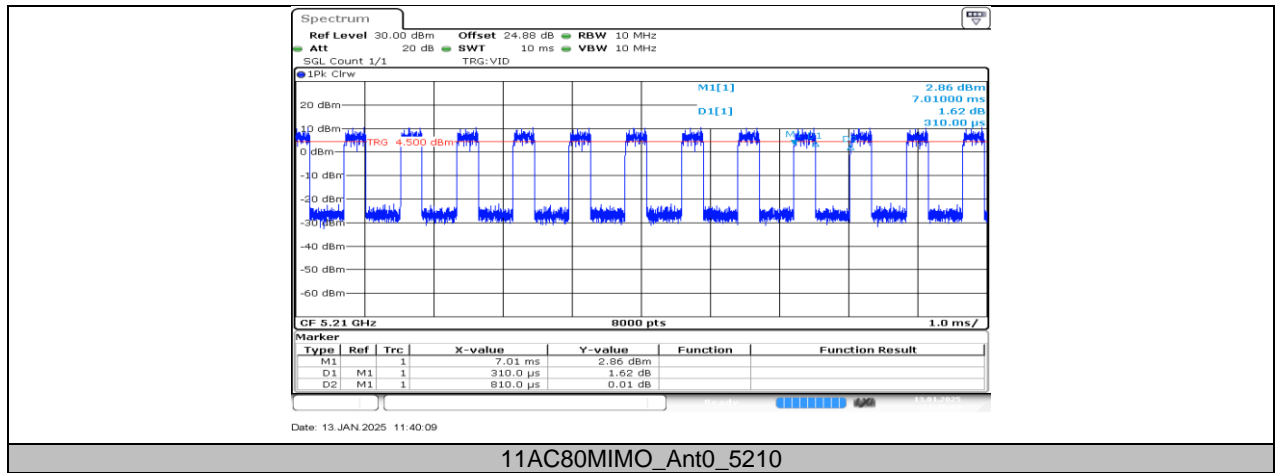
Where: x is Duty Cycle (Linear)

Where: T is On Time

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

11.7.2. Test Graphs

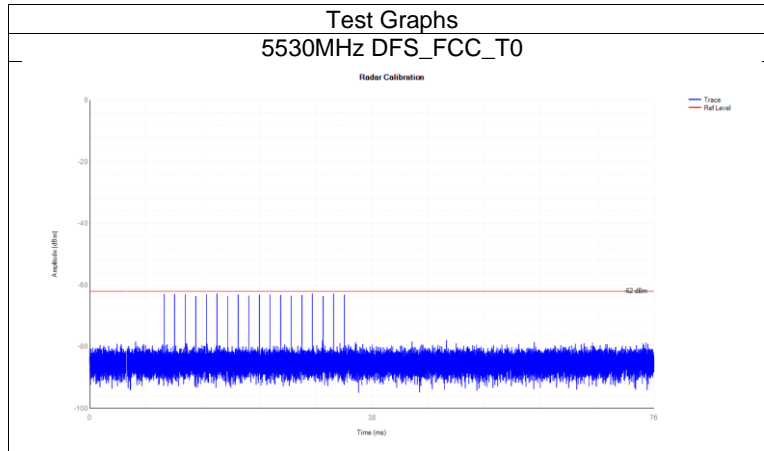




11.8. APPENDIX H: DFS

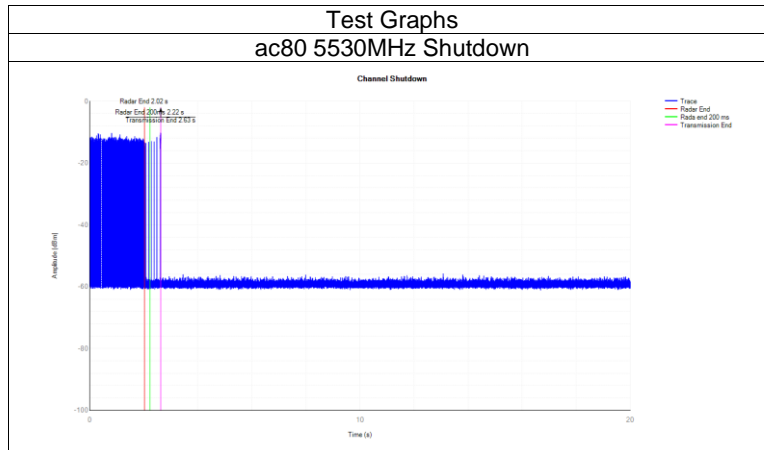
11.8.1. Calibration

Mode	Frequency (MHz)	Type	Result	Verdict
ac80	5530	DFS_FCC_T0	See test Graph	Pass



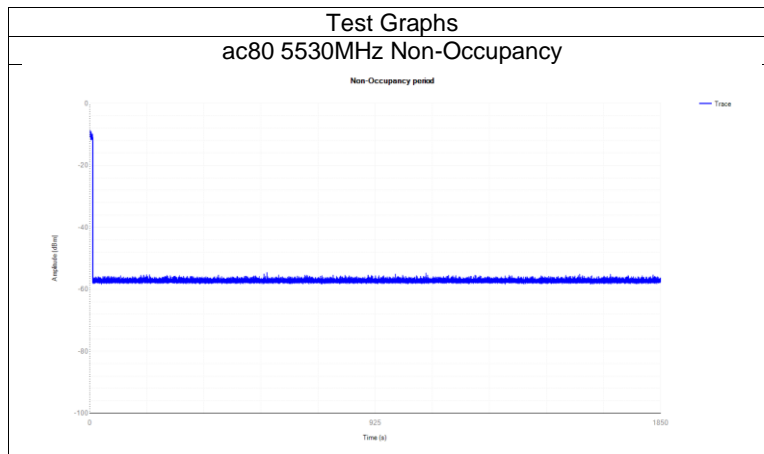
11.8.2. Shutdown Time

Mod e	Frequenc y (MHz)	Channe l Move Time (s)	Limit Channe l Move Time (s)	Close Transmissio n Time (s)	Limit Close Transmissio n Time (s)	Close Transmissio n Time after 200ms(s)	Limit Close Transmissio n Time after 200ms (s)	Verdic t
ac80	5530	0.602	10	0.029	0.26	0.025	0.06	Pass



11.8.3. Non-Occupancy

Mode	Frequency (MHz)	Result	Verdict
ac80	5530	See test Graph	Pass



END OF REPORT