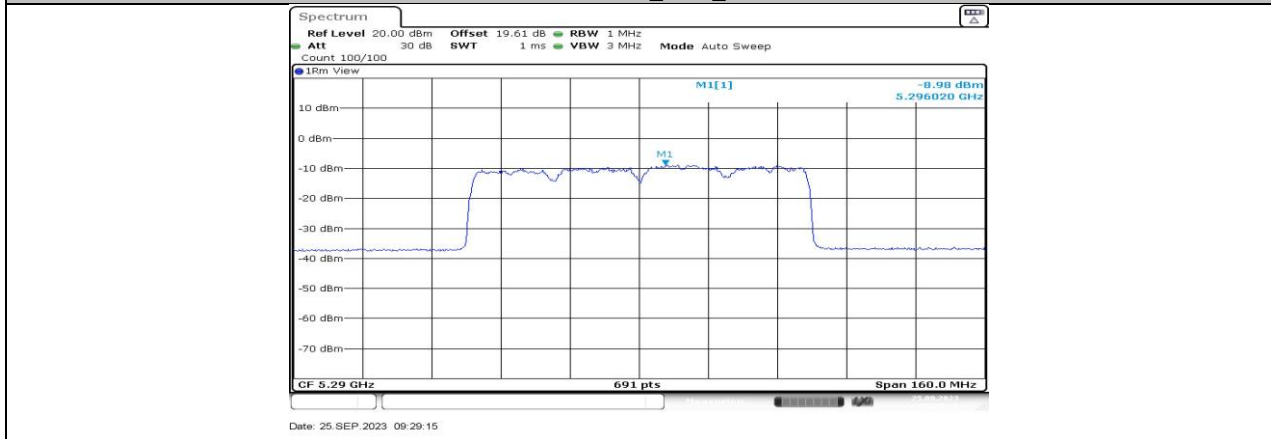
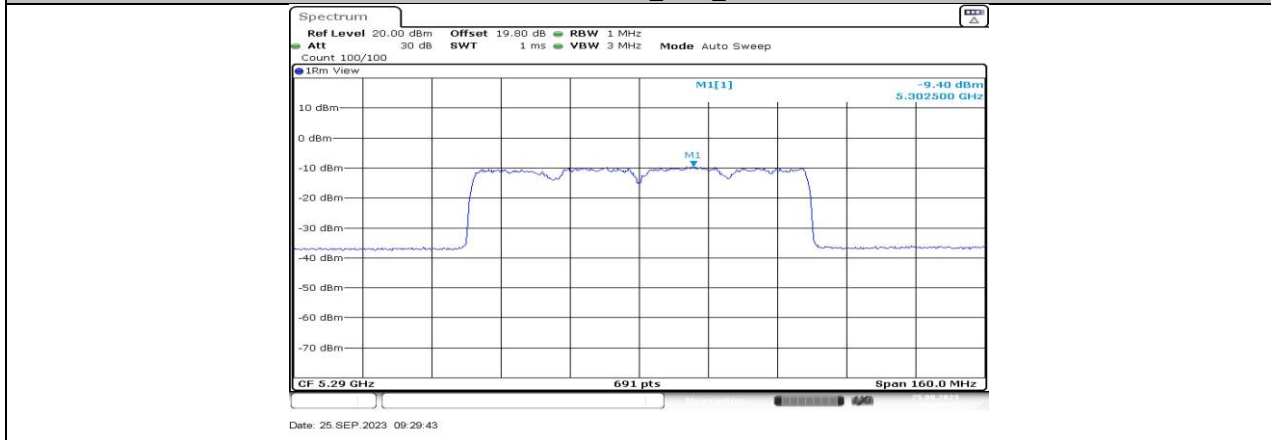


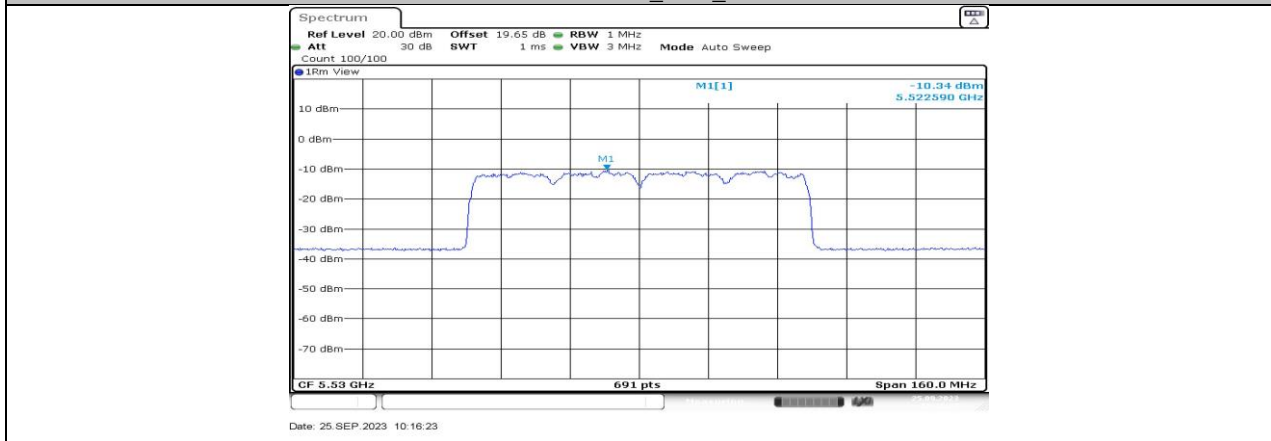
11AX80MIMO_Ant2_5210

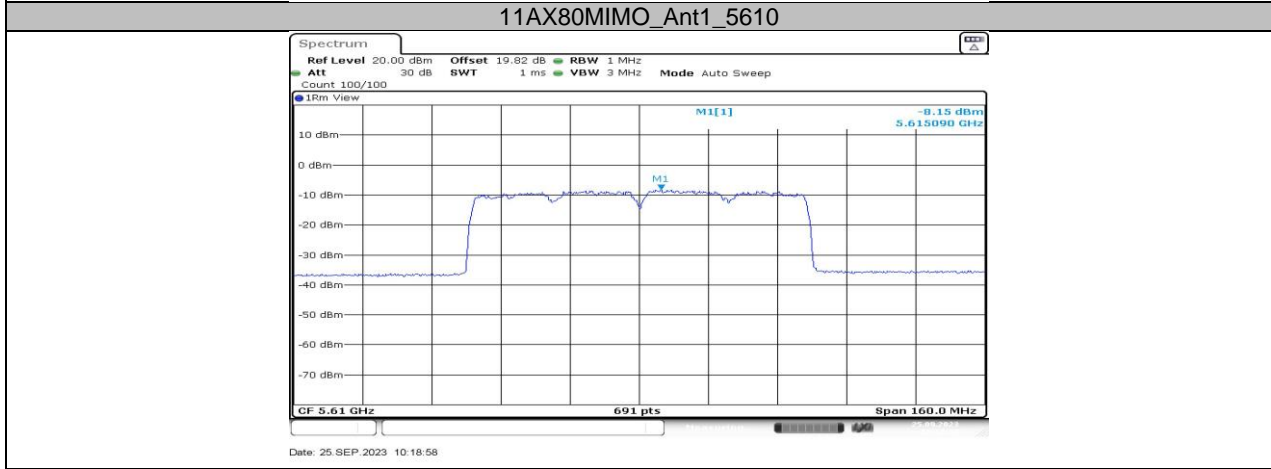
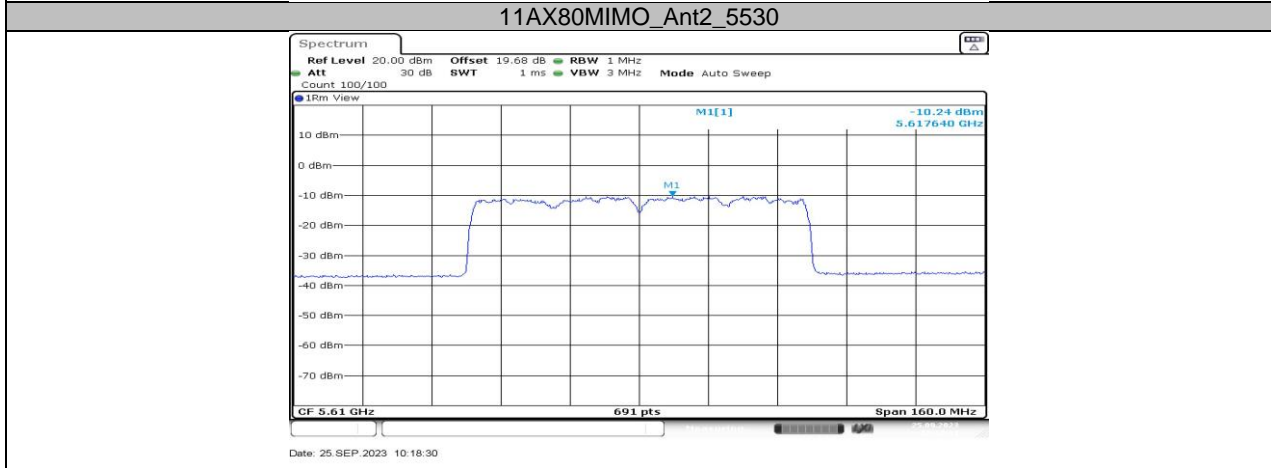
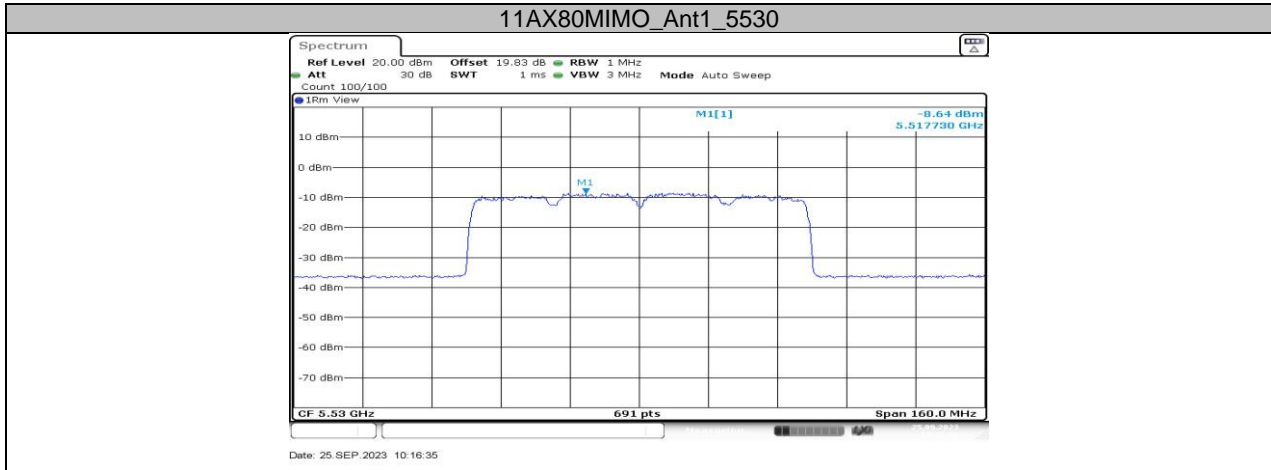


11AX80MIMO_Ant1_5290

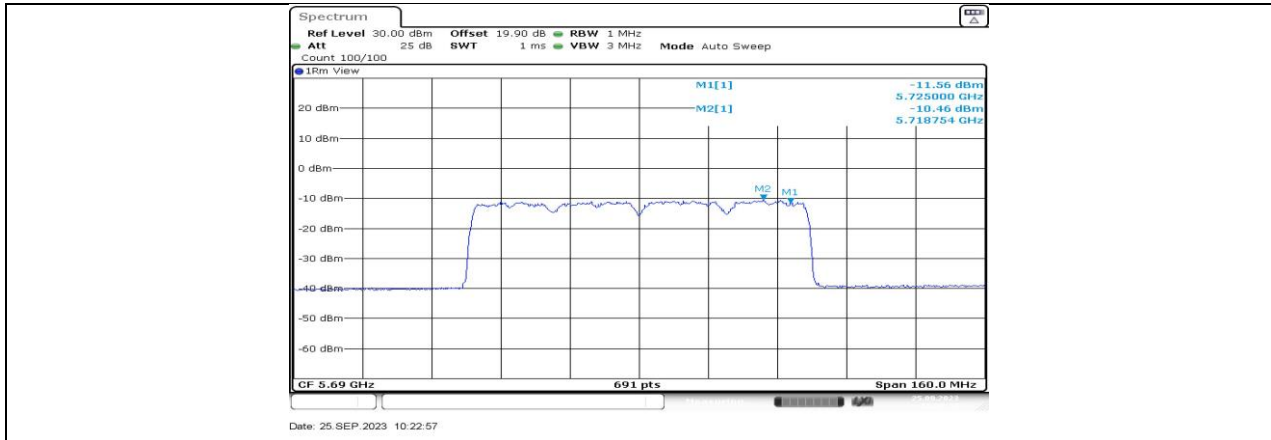


11AX80MIMO_Ant2_5290

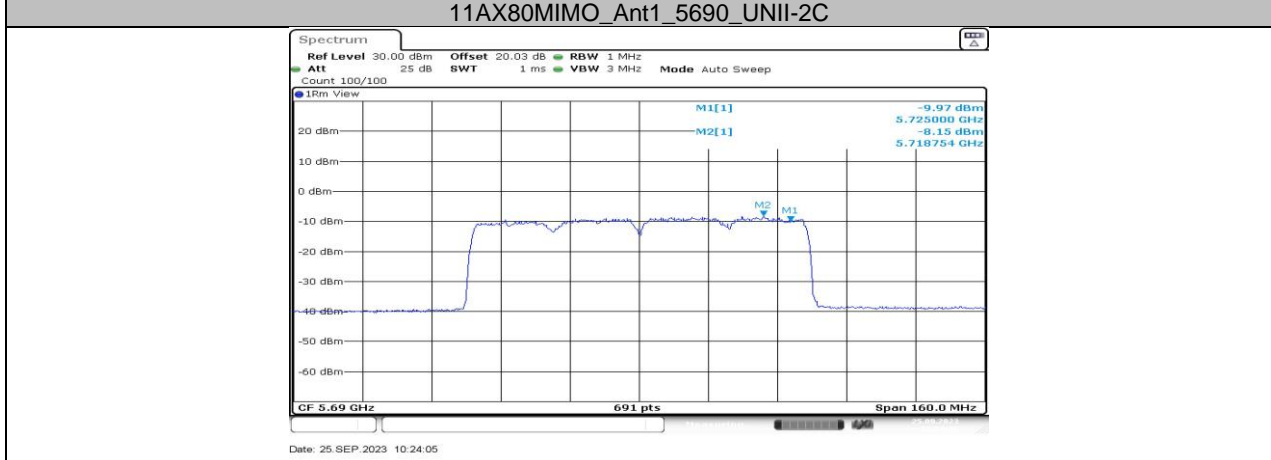




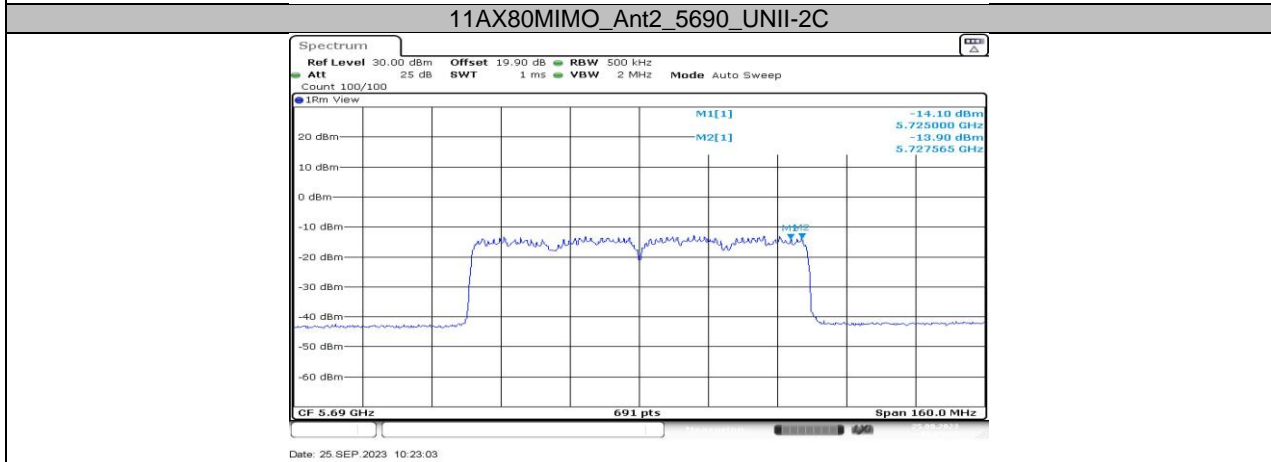
11AX80MIMO_Ant2_5610



Date: 25.SEP.2023 10:22:57



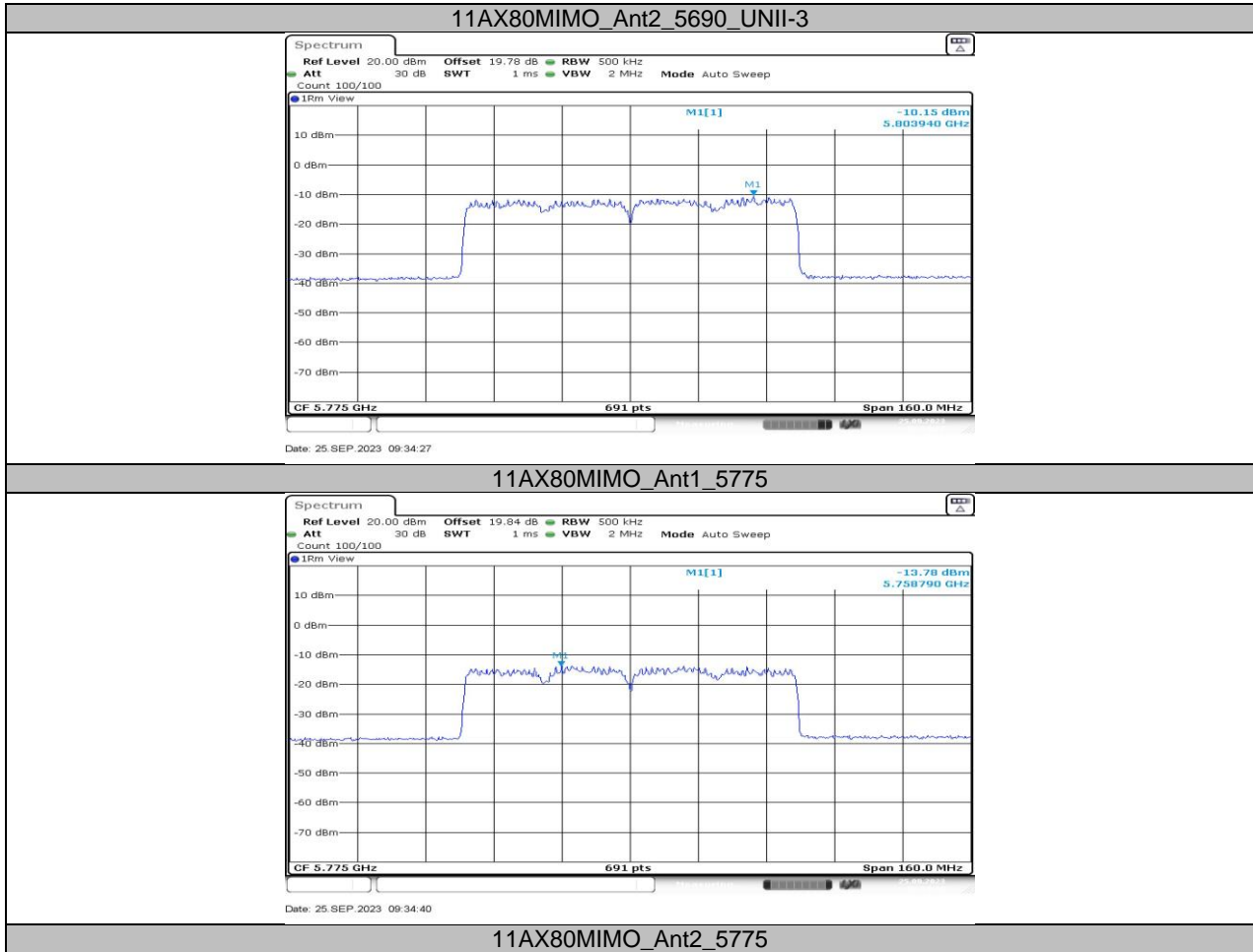
Date: 25.SEP.2023 10:24:05



Date: 25.SEP.2023 10:23:03



Date: 25.SEP.2023 10:24:11



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	5200.0238	4.58	5200.0113	2.17	5200.0148	2.85	5199.9952	-0.92
TN	VN	5199.9952	-0.93	5199.9799	-3.86	5199.9984	-0.30	5200.0182	3.49
TN	VH	5199.9870	-2.50	5200.0177	3.40	5200.0097	1.87	5199.9847	-2.95

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	5199.9903	-1.87	5200.0213	4.09	5200.0201	3.87	5199.9956	-0.85
60	VN	5200.0052	1.01	5200.0147	2.83	5199.9858	-2.72	5200.0157	3.02
50	VN	5200.0111	2.14	5200.0060	1.16	5199.9788	-4.07	5200.0083	1.59
40	VN	5200.0140	2.69	5199.9965	-0.68	5200.0141	2.71	5200.0102	1.96
30	VN	5199.9938	-1.20	5199.9986	-0.28	5199.9757	-4.68	5200.0142	2.72
20	VN	5200.0185	3.56	5199.9880	-2.31	5200.0074	1.42	5200.0148	2.84
10	VN	5200.0192	3.69	5200.0184	3.55	5200.0092	1.78	5200.0177	3.41
0	VN	5200.0103	1.98	5200.0225	4.32	5200.0009	0.17	5199.9787	-4.09
-10	VN	5200.0184	3.55	5199.9881	-2.29	5199.9941	-1.14	5200.0143	2.74

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 10 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	1.40	1.50	0.9333	93.33	0.30	0.71	1
11N20MIMO	1.30	1.40	0.9286	92.86	0.32	0.77	1
11N40MIMO	0.64	0.74	0.8649	86.49	0.63	1.56	2
11AC80MIMO	0.33	0.43	0.7674	76.74	1.15	3.03	4
11AX20MIMO	0.12	0.22	0.5455	54.55	2.63	8.33	9
11AX40MIMO	0.09	0.19	0.4737	47.37	3.25	11.11	12
11AX80MIMO	0.07	0.17	0.4118	41.18	3.85	14.29	15

Note:

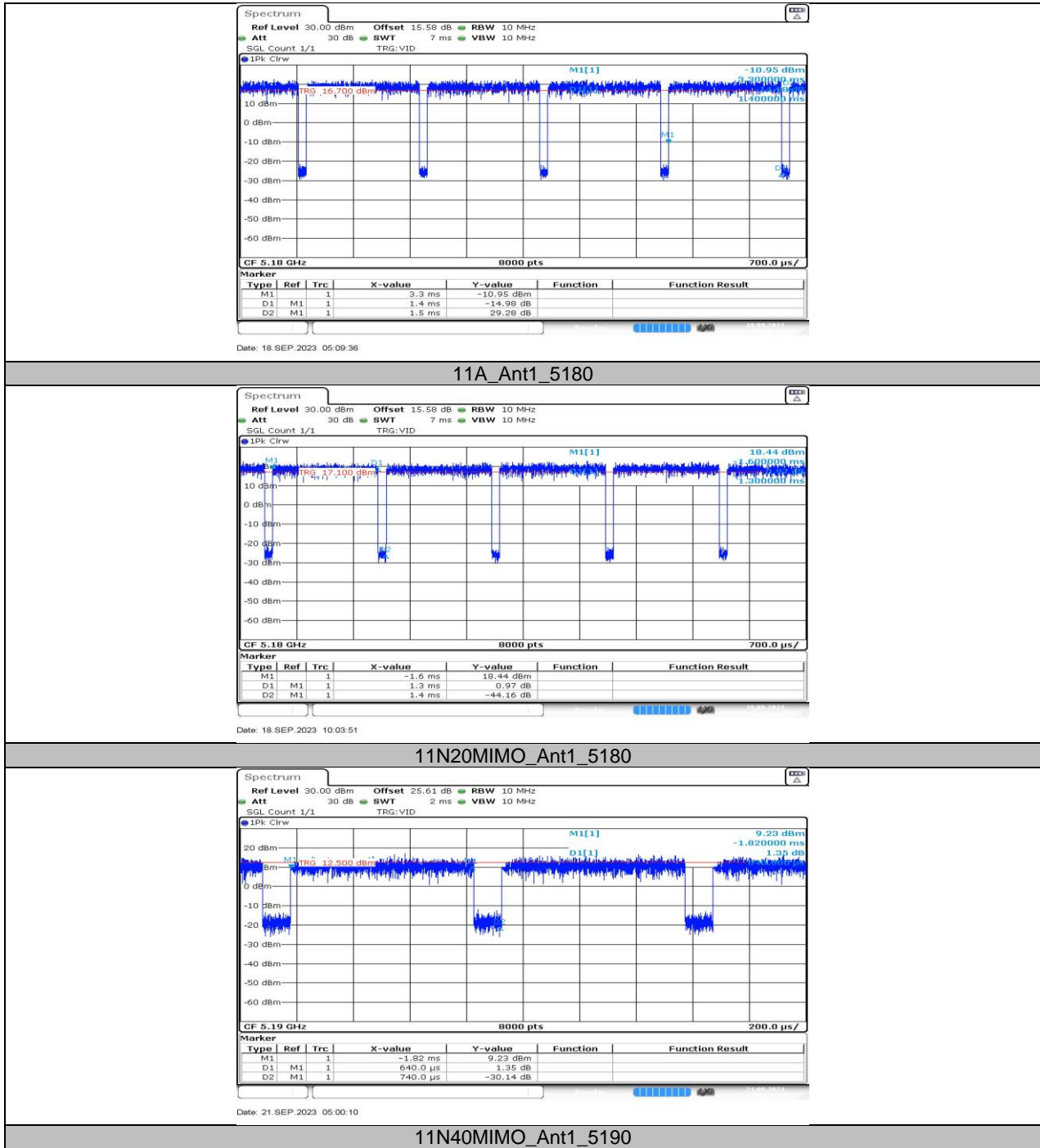
Duty Cycle Correction Factor=10log (1/x).

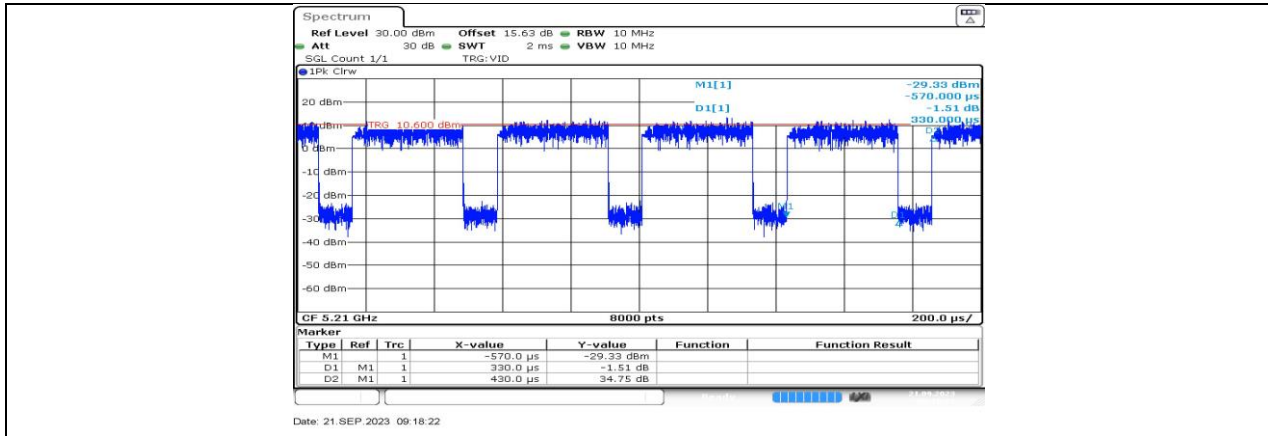
Where: x is Duty Cycle (Linear)

Where: T is On Time

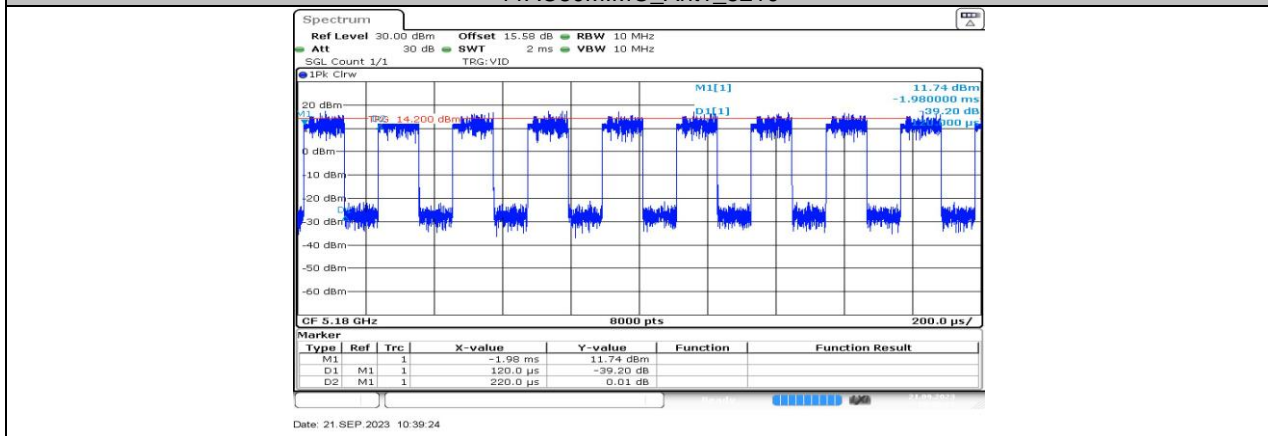
If that calculated VBW is not available on the analyzer then the next higher value should be used.

11.7.2. Test Graphs

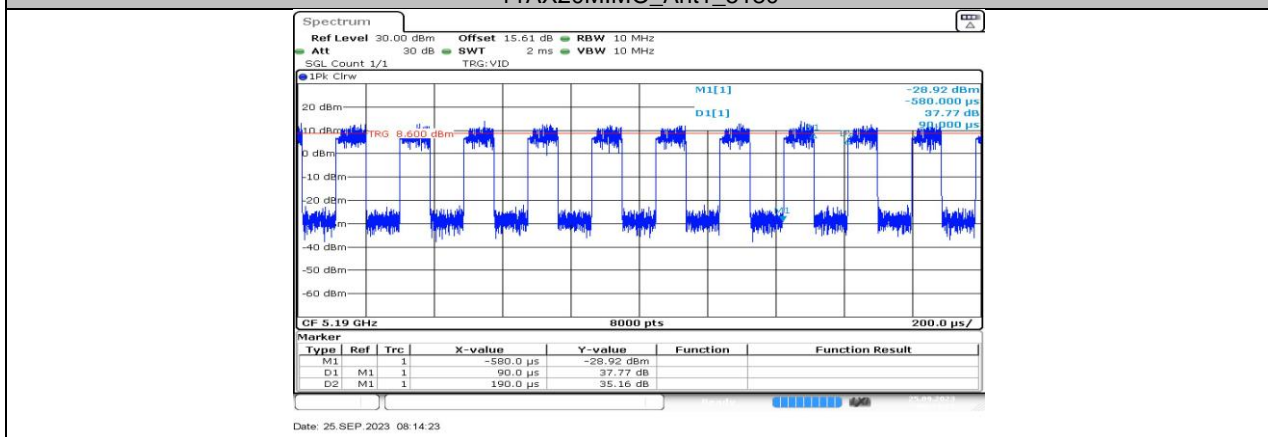




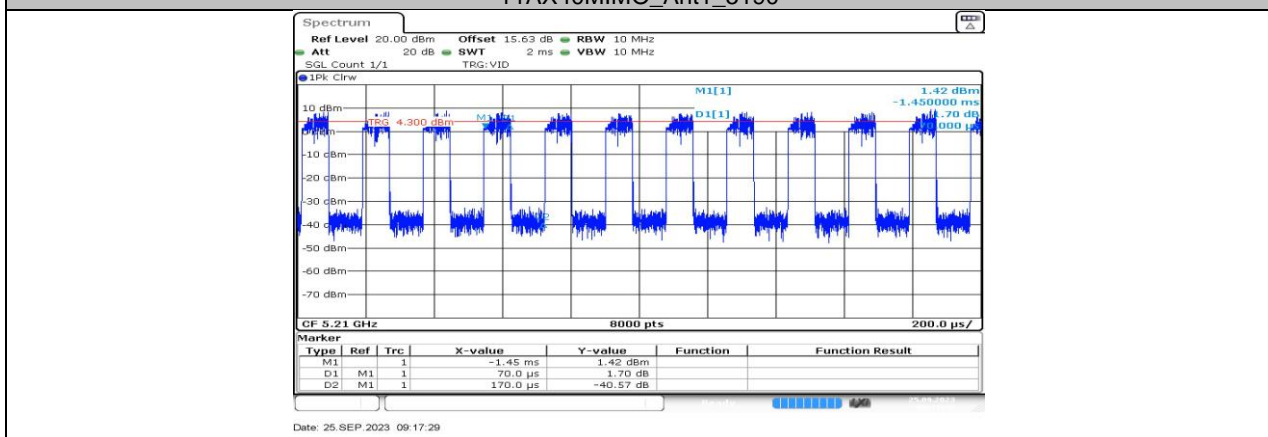
11AC80MIMO_Ant1_5210



11AX20MIMO_Ant1_5180



11AX40MIMO_Ant1_5190



11AX80MIMO_Ant1_5210

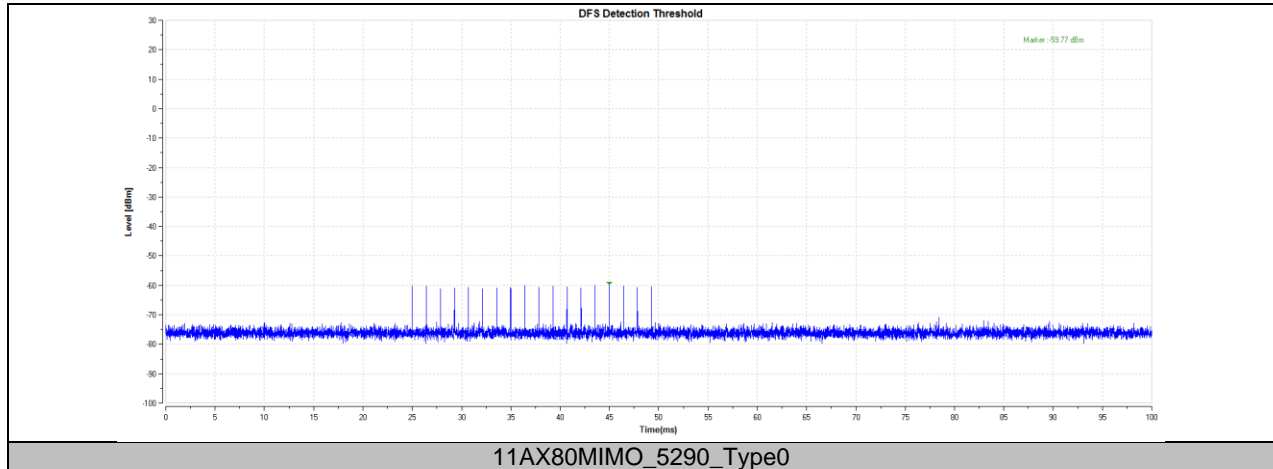
11.8. APPENDIX H: DFS DETECTION THRESHOLDS

11.8.1. Test Result

Test Mode	Channel	Radar Type	Result	Limit[dbm]	Verdict
11AX80MIMO	5290	Type0	-59.77	-59.00	PASS

Note: All modes had been tested, but only the worst data was recorded in the report.

11.8.2. Test Graphs



Note: All modes had been tested, but only the worst data was recorded in the report.

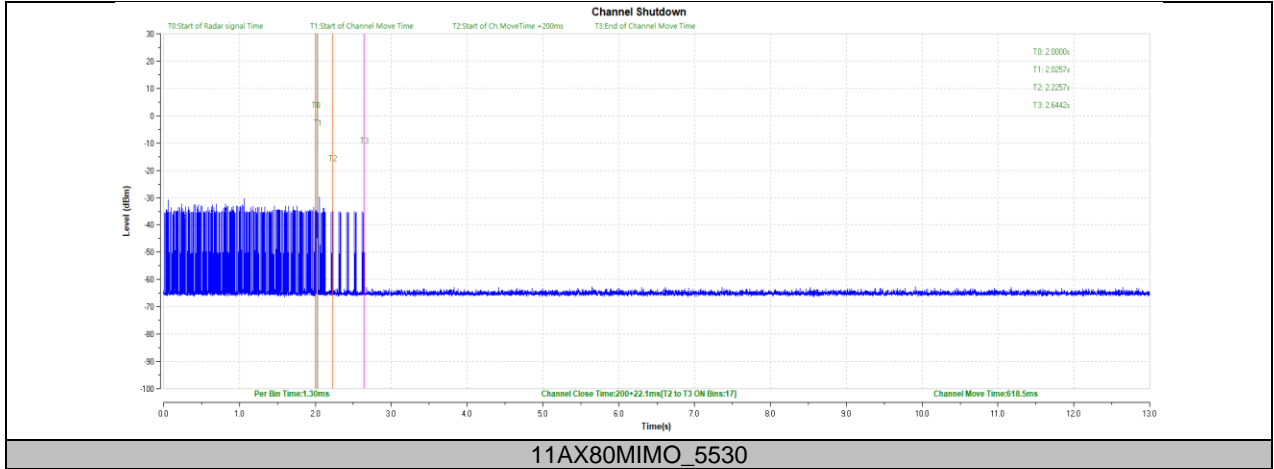
11.9. APPENDIX I: CHANNEL MOVE TIME AND CHANNEL CLOSING TRANSMISSION TIME

11.9.1. Test Result

Test Mode	Channel	CCT[ms]	Limit[ms]	CMT[ms]	Limit[ms]	Verdict
11AX80MIMO	5530	200+22.1	200+60	618.5	10000	PASS

Note: All modes had been tested, but only the worst data was recorded in the report.

11.9.2. Test Graphs



Note: All modes had been tested, but only the worst data was recorded in the report.

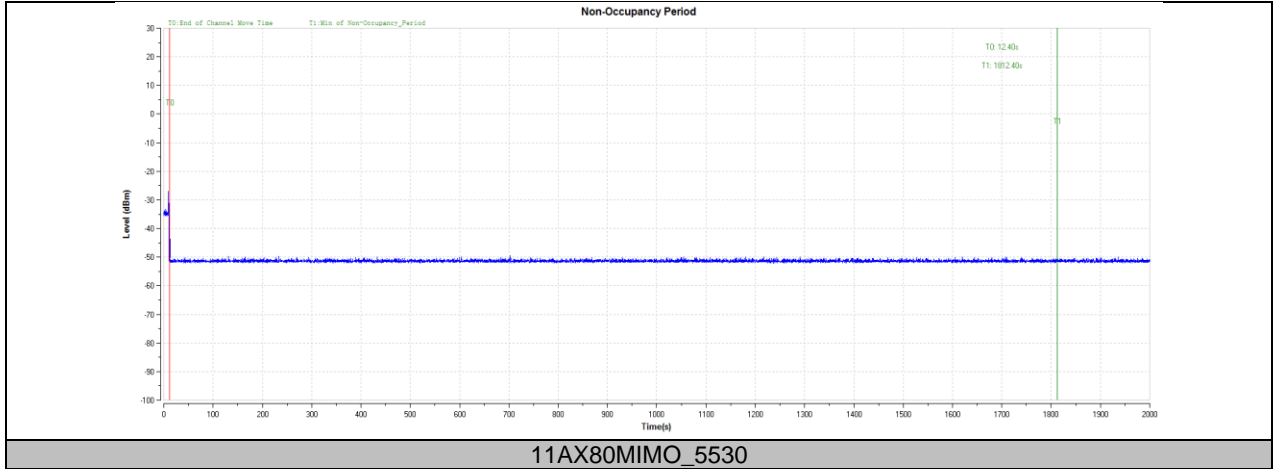
11.10. APPENDIX J: NON-OCCUPANCY PERIOD

11.10.1. Test Result

Test Mode	Channel	Result	Limit[s]	Verdict
11AC80MIMO	5530	see test graph	≥ 1800	PASS

Note: All modes had been tested, but only the worst data was recorded in the report.

11.10.2. Test Graphs



Note: All modes had been tested, but only the worst data was recorded in the report.

END OF REPORT