

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)						
TN	VL	5199.9960	-0.76	5199.9852	-2.85	5200.0074	1.43	5199.9886	0.43
TN	VN	5199.9926	-1.42	5200.0181	3.48	5200.0044	0.84	5200.0238	2.49
TN	VH	5199.9952	-0.92	5199.9868	-2.53	5200.0093	1.79	5199.9835	3.93
Frequency Error vs. Temperature									
802.11a:5180MHz									
Temp.	Volt.	0 Minute		2 Minute		5 Minute		10 Minute	
		Freq.Error (MHz)	Tolerance (ppm)						
70	VN	5200.0136	2.62	5199.9753	-4.75	5200.0085	1.64	5199.9782	-0.84
60	VN	5200.0073	1.40	5200.0024	0.47	5200.0045	0.87	5200.0249	-3.30
50	VN	5200.0197	3.79	5200.0108	2.08	5200.0084	1.61	5200.0154	-1.69
40	VN	5200.0247	4.75	5199.9781	-4.22	5199.9805	-3.74	5200.0044	-0.85
30	VN	5199.9787	-4.10	5200.0003	0.05	5200.0146	2.82	5199.9941	-2.95
20	VN	5199.9966	-0.66	5200.0015	0.30	5199.9969	-0.59	5199.9913	3.38
10	VN	5199.9770	-4.43	5199.9905	-1.82	5199.9925	-1.45	5199.9795	0.99
0	VN	5200.0081	1.55	5199.9857	-2.75	5200.0149	2.86	5200.0097	3.81
-10	VN	5199.9822	-3.42	5200.0056	1.07	5199.9834	-3.19	5199.9931	-0.31

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	1.39	1.43	0.9720	97.20	0.12	0.72	1
11N20MIMO	1.30	1.34	0.9701	97.01	0.13	0.77	1
11N40MIMO	0.65	0.69	0.9420	94.20	0.26	1.54	2
11AC80MIMO	0.18	0.22	0.8182	81.82	0.87	5.56	6
11AX20MIMO	0.55	0.59	0.9322	93.22	0.30	1.82	2
11AX40MIMO	0.20	0.25	0.8000	80.00	0.97	5.00	5
11AX80MIMO	0.19	0.24	0.7917	79.17	1.01	5.26	6

Note:

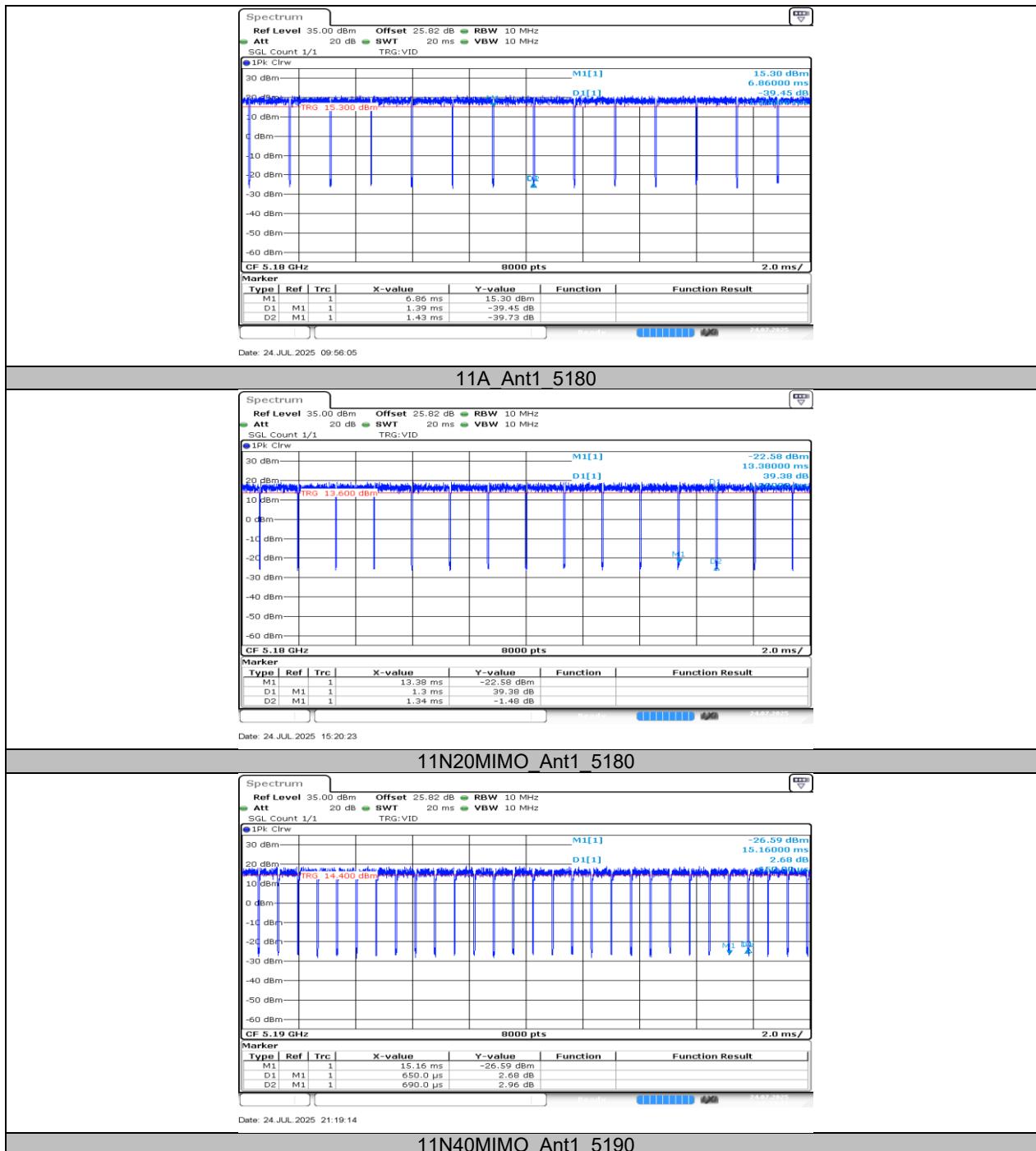
Duty Cycle Correction Factor=10log (1/x).

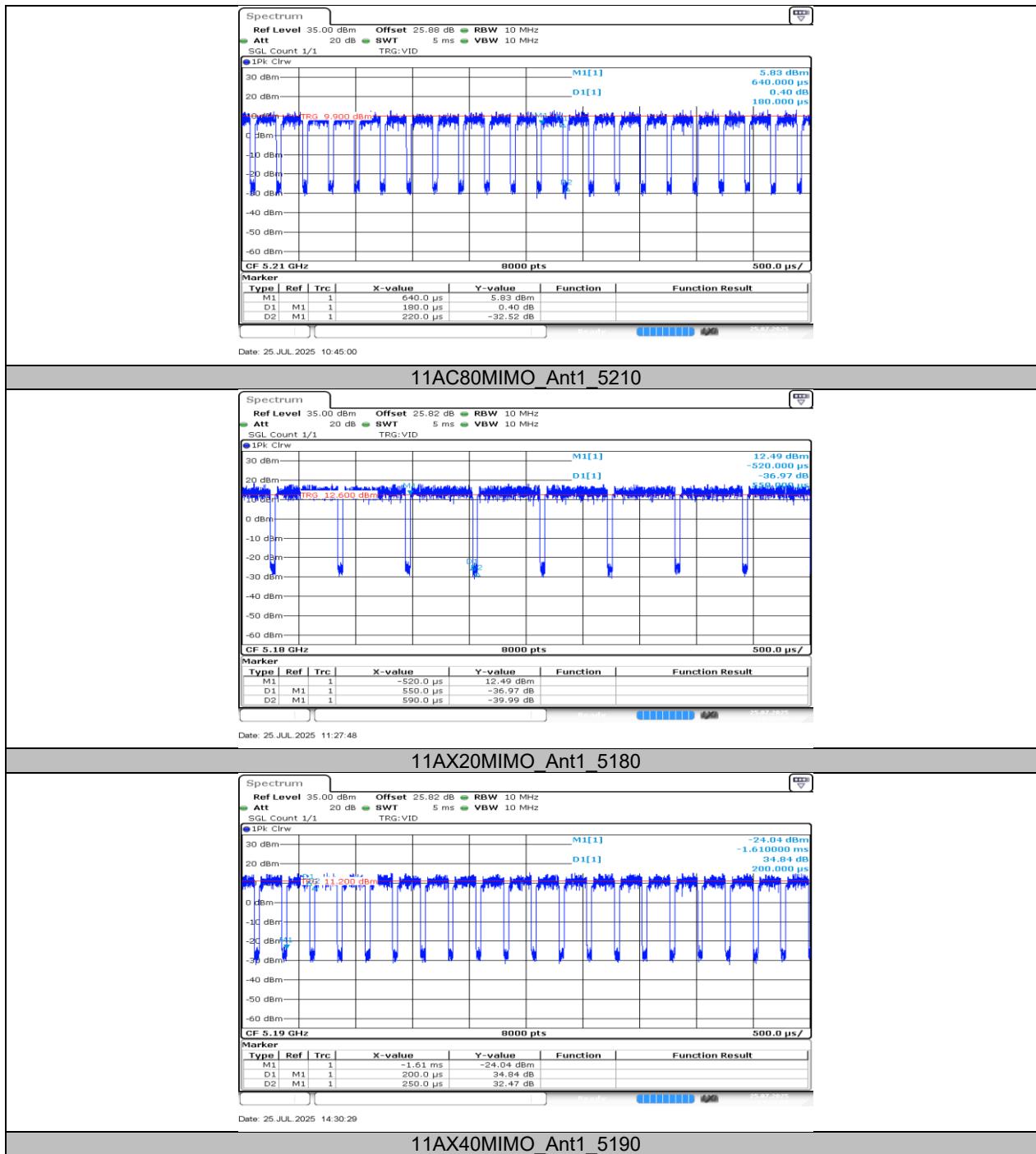
Where: x is Duty Cycle (Linear)

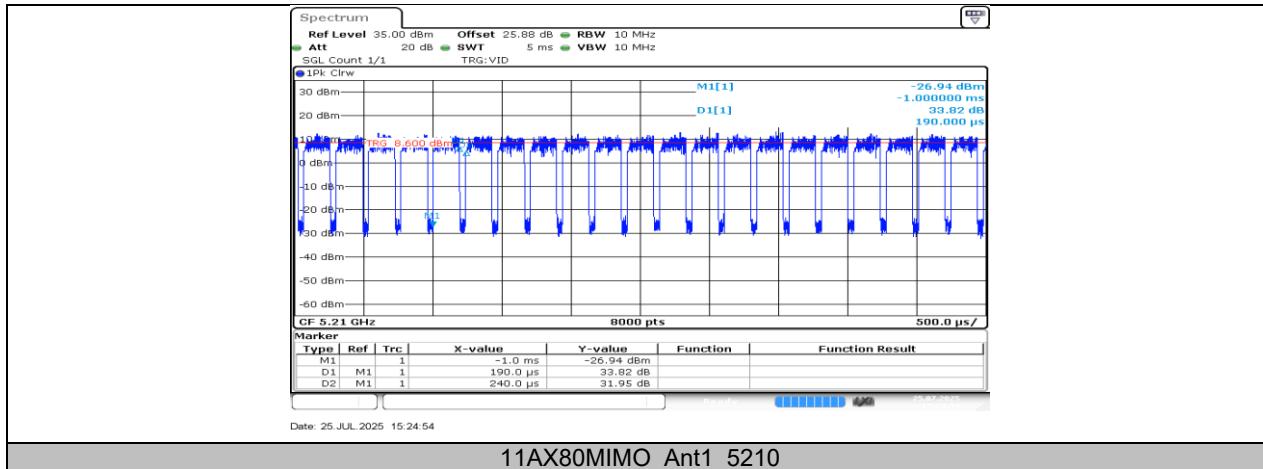
Where: T is On Time

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

11.7.2. Test Graphs





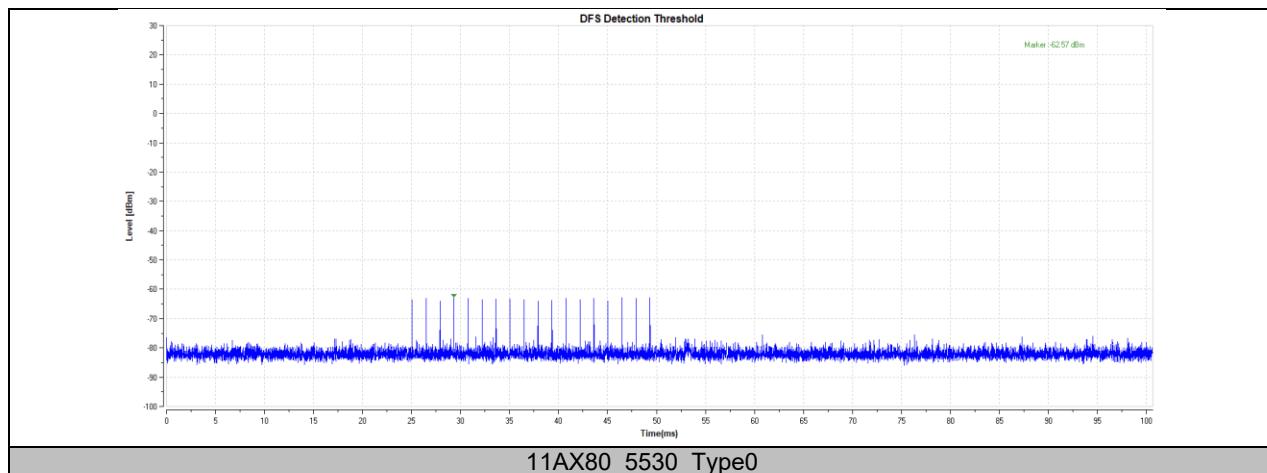


11.8. APPENDIX H: DFS DETECTION THRESHOLDS

11.8.1. Test Result

TestMode	Frequency[dbm]	Radar Type	Result	Verdict
11AX80	5530	Type0	-62.57	PASS

11.8.2. Test Graphs

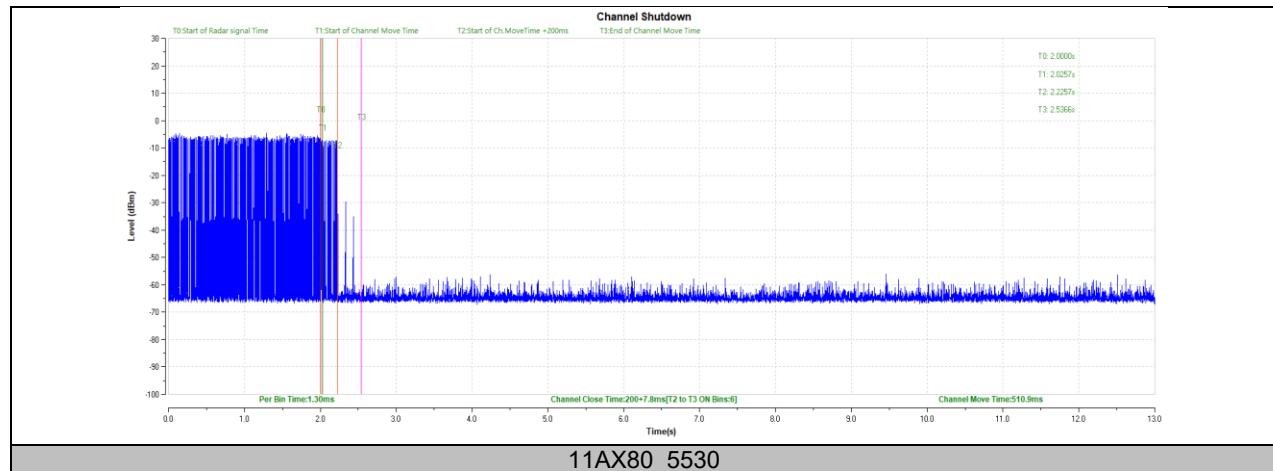


11.9. APPENDIX I: CHANNEL MOVE TIME AND CHANNEL CLOSING TRANSMISSION TIME

11.9.1. Test Result

TestMode	Frequency[MHz]	CCTT[ms]	Limit[ms]	CMT[ms]	Limit[ms]	Verdict
11AX80	5530	200+7.8	200+60	510.9	10000	PASS

11.9.2. Test Graphs

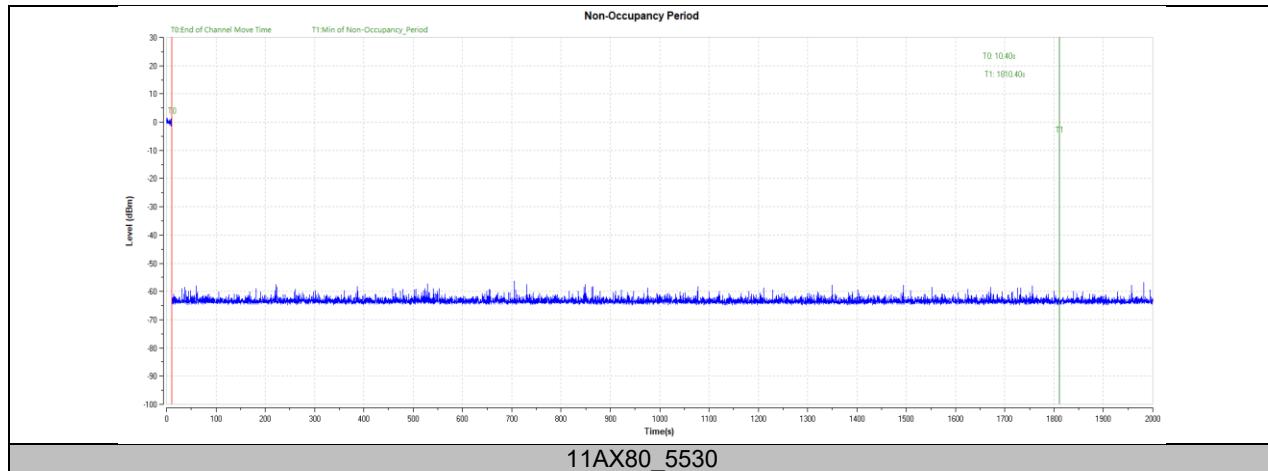


11.10. APPENDIX J: NON-OCCUPANCY PERIOD

Test Result

TestMode	Frequency[MHz]	Result	Limit[s]	Verdict
11AX80	5530	see test graph	≥1800	PASS

11.10.1. Test Graphs



END OF REPORT