

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	5200.0095	1.82	5200.0201	3.87	5199.9787	-4.09	5200.0125	2.41
TN	VN	5200.0068	1.30	5200.0134	2.58	5200.0161	3.09	5200.0154	2.95
TN	VH	5200.0202	3.89	5200.0006	0.11	5199.9901	-1.90	5199.9929	-1.36
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)
40	VN	5200.0060	1.16	5200.0215	4.13	5200.0167	3.21	5199.9787	-4.09
30	VN	5199.9969	-0.60	5200.0012	0.23	5199.9935	-1.24	5200.0162	3.11
20	VN	5199.9972	-0.54	5200.0114	2.18	5200.0096	1.84	5199.9939	-1.18
10	VN	5199.9955	-0.86	5199.9890	-2.11	5200.0078	1.50	5199.9919	-1.57
0	VN	5199.9796	-3.92	5199.9886	-2.19	5200.0156	3.00	5200.0208	4.00

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	1.60	0.8500	85.00	0.71	0.74	1
11N20SISO	1.28	1.51	0.8477	84.77	0.72	0.78	1
11N40SISO	0.64	0.88	0.7273	72.73	1.38	1.56	2
11AC80SISO	0.32	0.54	0.5926	59.26	2.27	3.13	4
11AX20SISO	1.00	1.23	0.8130	81.30	0.90	1.00	1
11AX40SISO	0.53	0.70	0.7571	75.71	1.21	1.89	2
11AX80SISO	0.28	0.52	0.5385	53.85	2.69	3.57	4

Note:

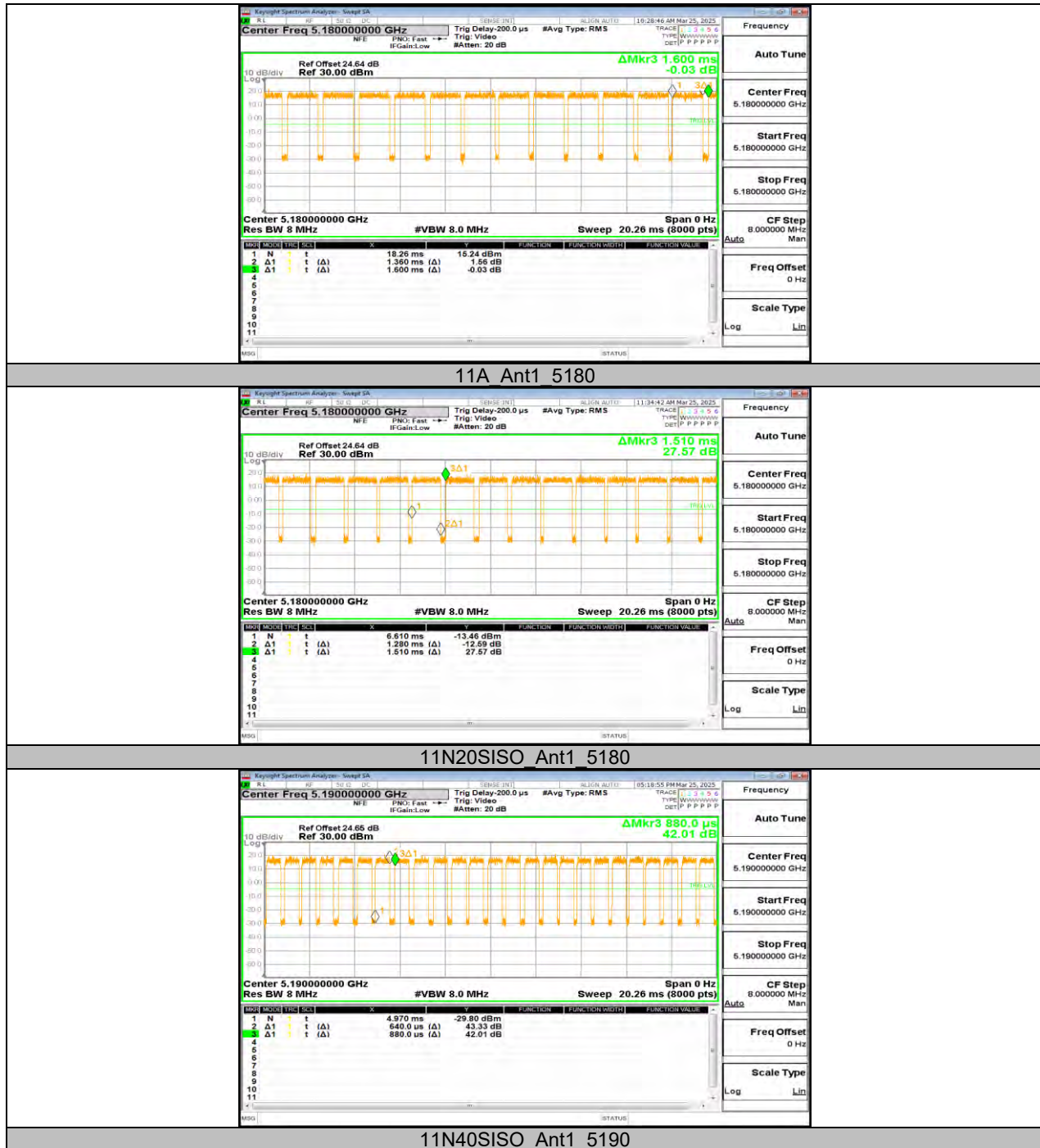
Duty Cycle Correction Factor= $10\log(1/x)$.

Where: x is Duty Cycle (Linear)

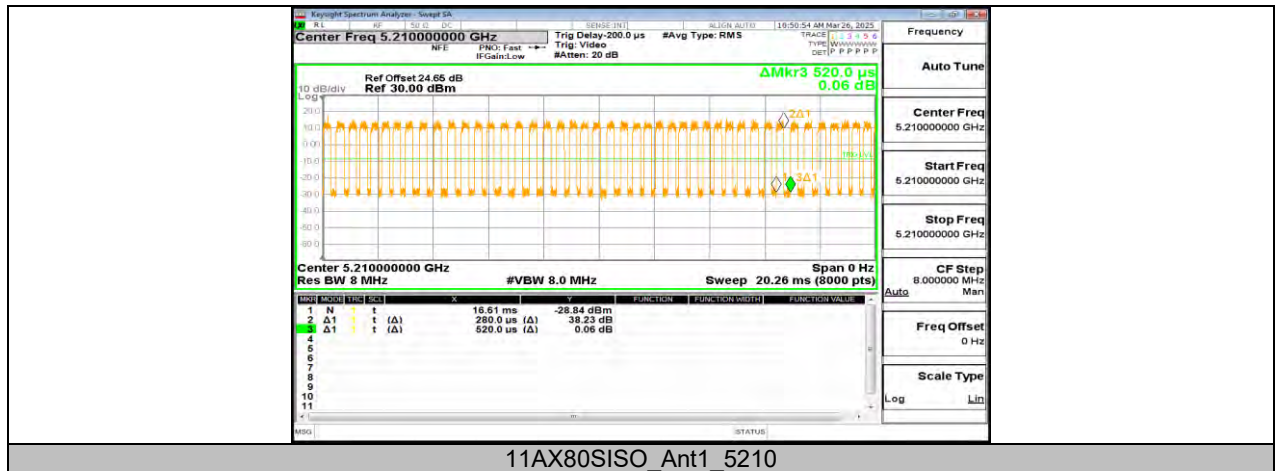
Where: T is On Time

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

11.7.2. Test Graphs







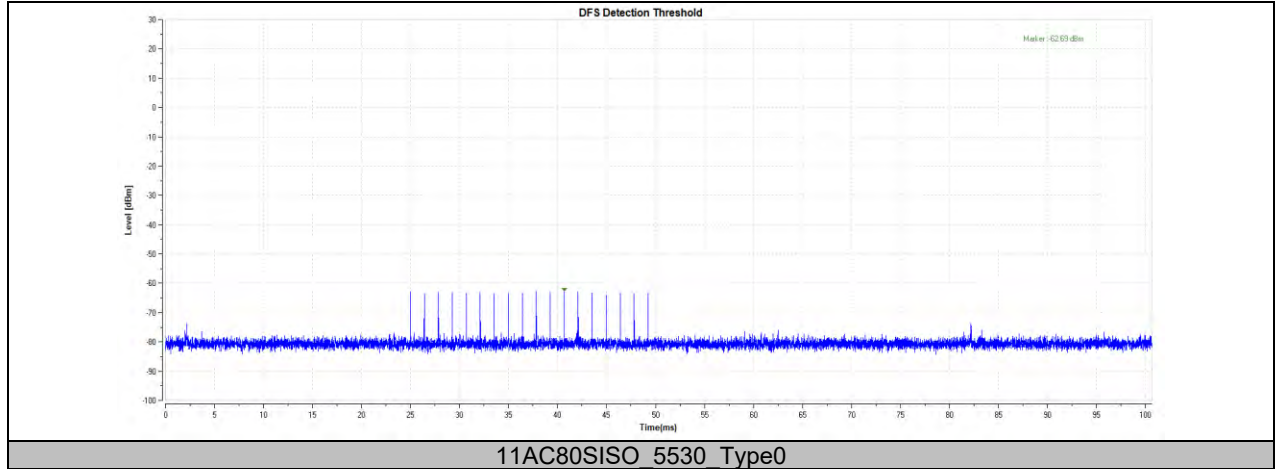
11.8. APPENDIX H: DFS

11.8.1. DFS Detection Thresholds

Test Result

TestMode	Frequency[dbm]	Radar Type	Result	Limit[dbm]	Verdict
11AC80SISO	5530	Type0	-62.69	-58.65	PASS

Test Graphs

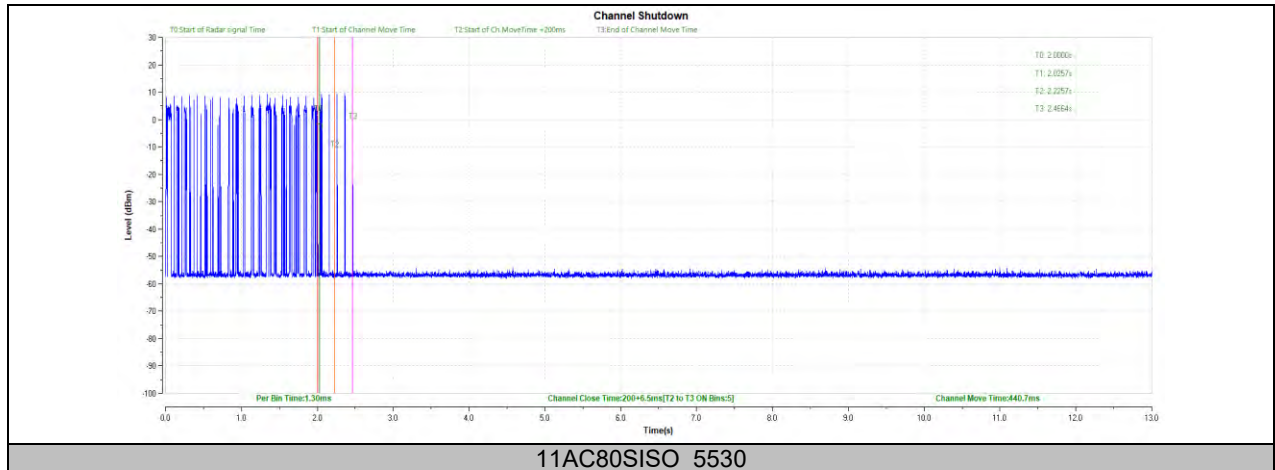


11.8.2. Channel Move Time and Channel Closing Transmission Time

Test Result

TestMode	Frequency[MHz]	CCTT[ms]	Limit[ms]	CMT[ms]	Limit[ms]	Verdict
11AC80SISO	5530	200+6.5	200+60	440.7	10000	PASS

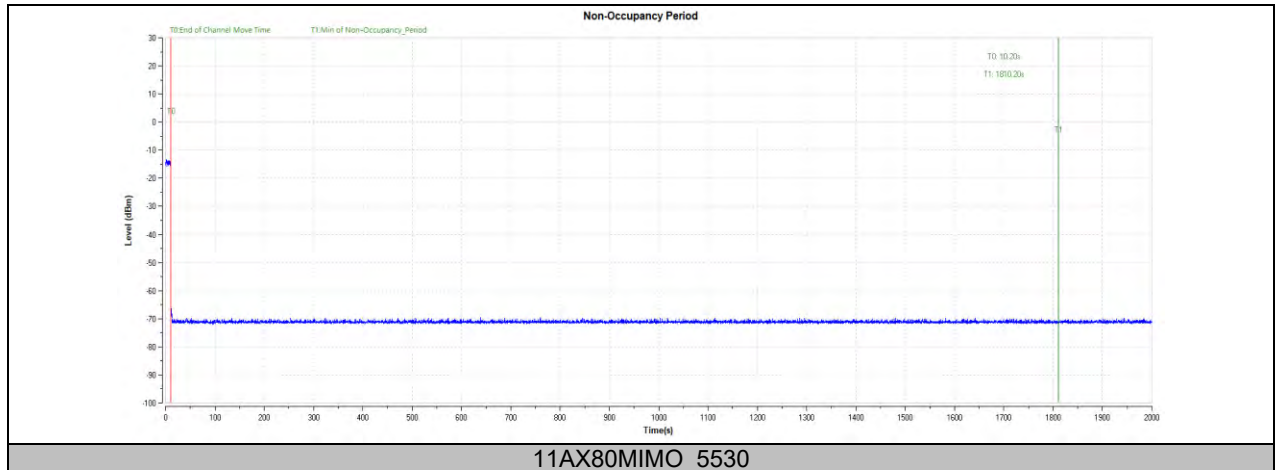
Test Graphs



11.8.3. Non-Occupancy Period**Test Result**

TestMode	Frequency[MHz]	Result	Limit[s]	Verdict
11AC80SISO	5530	see test graph	≥1800	PASS

Test Graphs



Note: All the test modes, channels and antennas have been tested, only the worst data record in the report.

END OF REPORT