11.6. APPENDIX I: 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	5180.0217	4.18	5180.0182	3.50	5179.9860	-2.71	5180.0045	0.87
TN	VN	5180.0010	0.20	5180.0105	2.03	5179.9910	-1.73	5179.9945	-1.07
TN	VH	5180.0185	3.58	5179.9928	-1.39	5180.0172	3.31	5180.0141	2.72
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)
40	VN	5180.0138	2.66	5180.0225	4.34	5180.0036	0.69	5180.0174	3.36
30	VN	5179.9782	-4.21	5180.0199	3.85	5180.0121	2.33	5180.0220	4.24
20	VN	5180.0161	3.10	5179.9835	-3.18	5180.0206	3.99	5180.0009	0.17
10	VN	5179.9859	-2.73	5179.9947	-1.02	5180.0002	0.04	5179.9770	-4.45
0	VN	5180.0145	2.80	5179.9762	-4.59	5180.0063	1.22	5180.0233	4.50

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.

Frequency Error vs. Voltage									
802.11a:5825MHz									
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	5824.9962	-0.65	5824.9777	-3.83	5824.9803	-3.39	5824.9978	-0.37
TN	VN	5825.0014	0.24	5824.9965	-0.60	5824.9755	-4.20	5824.9750	-4.29
TN	VH	5825.0043	0.73	5825.0113	1.94	5825.0178	3.05	5825.0014	0.24
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)
40	VN	5825.0148	2.54	5825.0214	3.68	5825.0216	3.72	5825.0137	2.35
30	VN	5824.9784	-3.71	5825.0060	1.04	5825.0030	0.52	5824.9846	-2.64
20	VN	5824.9962	-0.66	5824.9799	-3.45	5824.9869	-2.24	5825.0095	1.63
10	VN	5824.9876	-2.13	5824.9774	-3.87	5825.0032	0.55	5825.0175	3.01
0	VN	5824.9878	-2.09	5824.9907	-1.60	5825.0196	3.37	5824.9784	-3.72

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 J: 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	1.37	1.4	0.9786	97.86	0.09	0.73	1
11N20SISO	1.28	1.31	0.9771	97.71	0.10	0.78	1
11N40SISO	0.64	0.67	0.9552	95.52	0.20	1.56	2
11AX20SISO	0.99	1.03	0.9612	96.12	0.17	1.01	2
11AX40SISO	0.52	0.55	0.9455	94.55	0.24	1.92	2

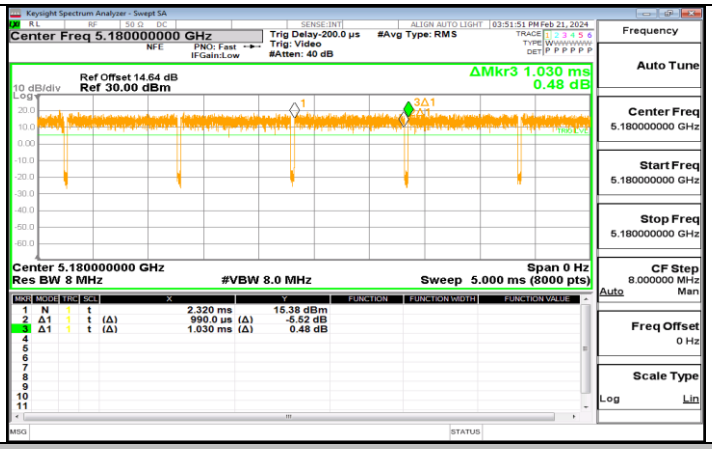
Note:
Duty Cycle Correction Factor=10log (1/x).
Where: x is Duty Cycle (Linear)
Where: T is On Time
If that calculated VBW is not available on the analyzer then the next higher value should be used.

11.7.2. Test Graphs

11A_Ant1_5180

11N20SISO_Ant1_5180

11N40SISO_Ant1_5190



11AX20SISO_Ant1_5180

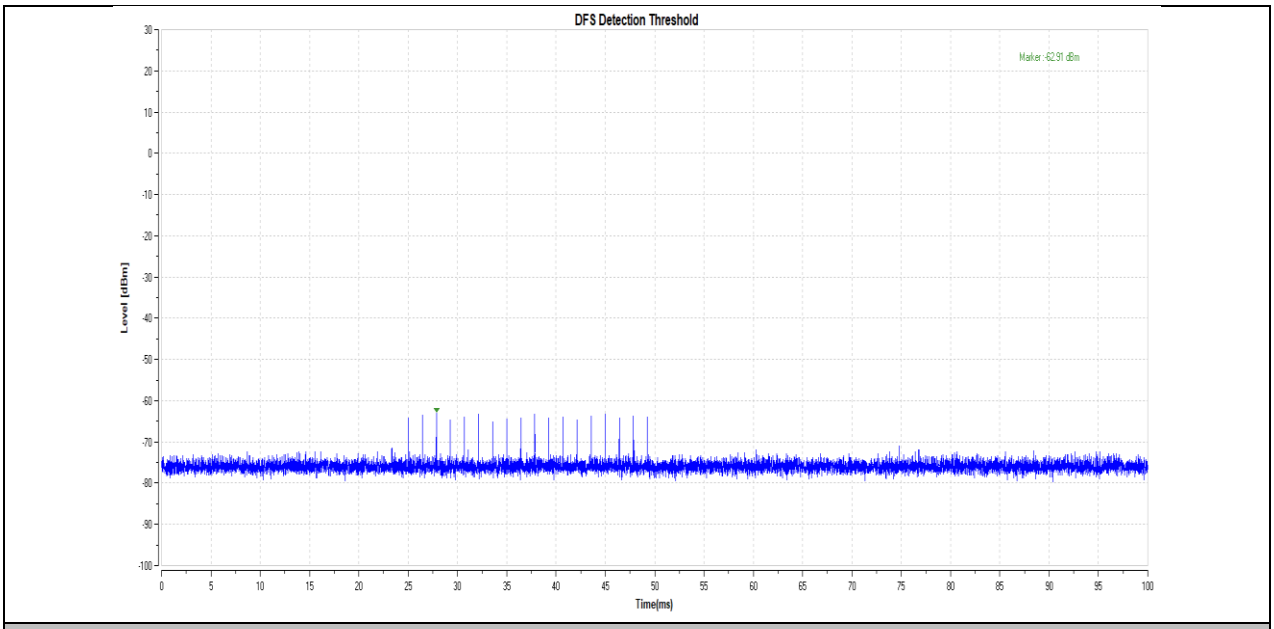
11AX40SISO_Ant1_5190

11.8. APPENDIX K: DFS DETECTION THRESHOLDS

11.8.1. Test Result

Test Mode	Frequency[MHz]	Radar Type	Result	Verdict
11AX40SISO	5510	Type0	-62.91	PASS

11.8.2. Test Graphs



11AX40SISO_5510_Type0

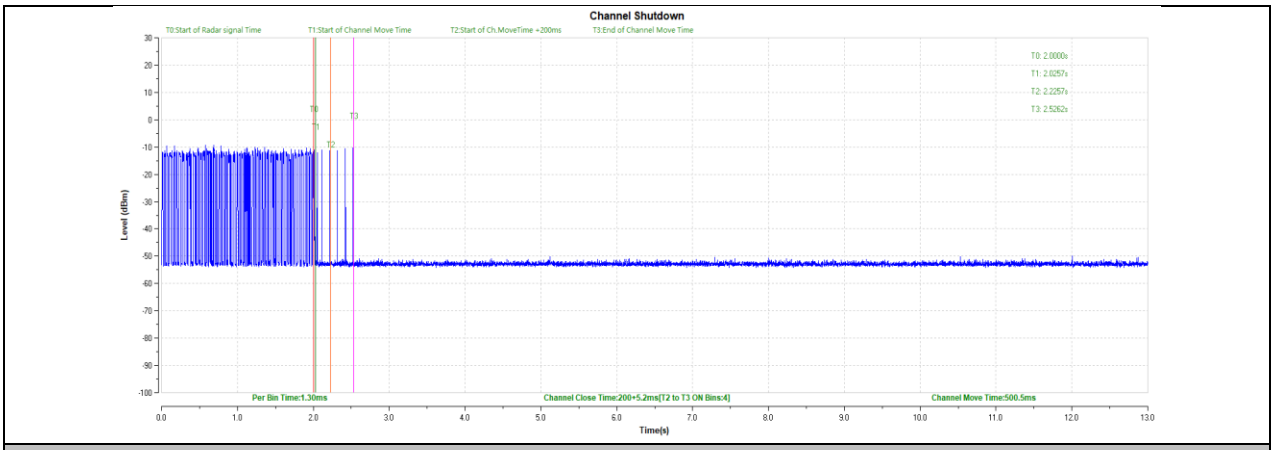
11.9. APPENDIX L: CHANNEL MOVE TIME AND CHANNEL CLOSING TRANSMISSION TIME

11.9.1. Test Result

Test Mode	Frequency[MHz]	CCT[ms]	Limit[ms]	CMT[ms]	Limit[ms]	Verdict
11AX40SISO	5510	200+5.2	200+60	500.5	10000	PASS

Note: refer to KDB 905462 D02 table 2, this report only records the widest BW mode test data.

11.9.2. Test Graphs



11AX40SISO_5510

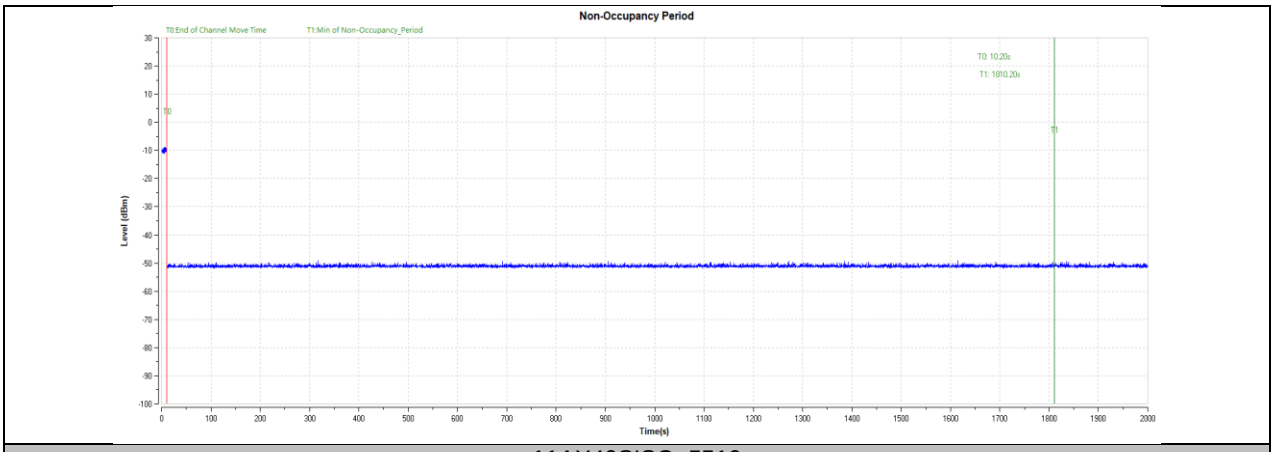
11.10. APPENDIX M: NON-OCCUPANCY PERIOD

Test Result

Test Mode	Channel	Result	Limit[s]	Verdict
11AX40SISO	5510	see test graph	≥1800	PASS

Note: refer to KDB 905462 D02 table 2, this report only records the widest BW mode test data.

11.10.1. Test Graphs



11AX40SISO_5510

END OF REPORT