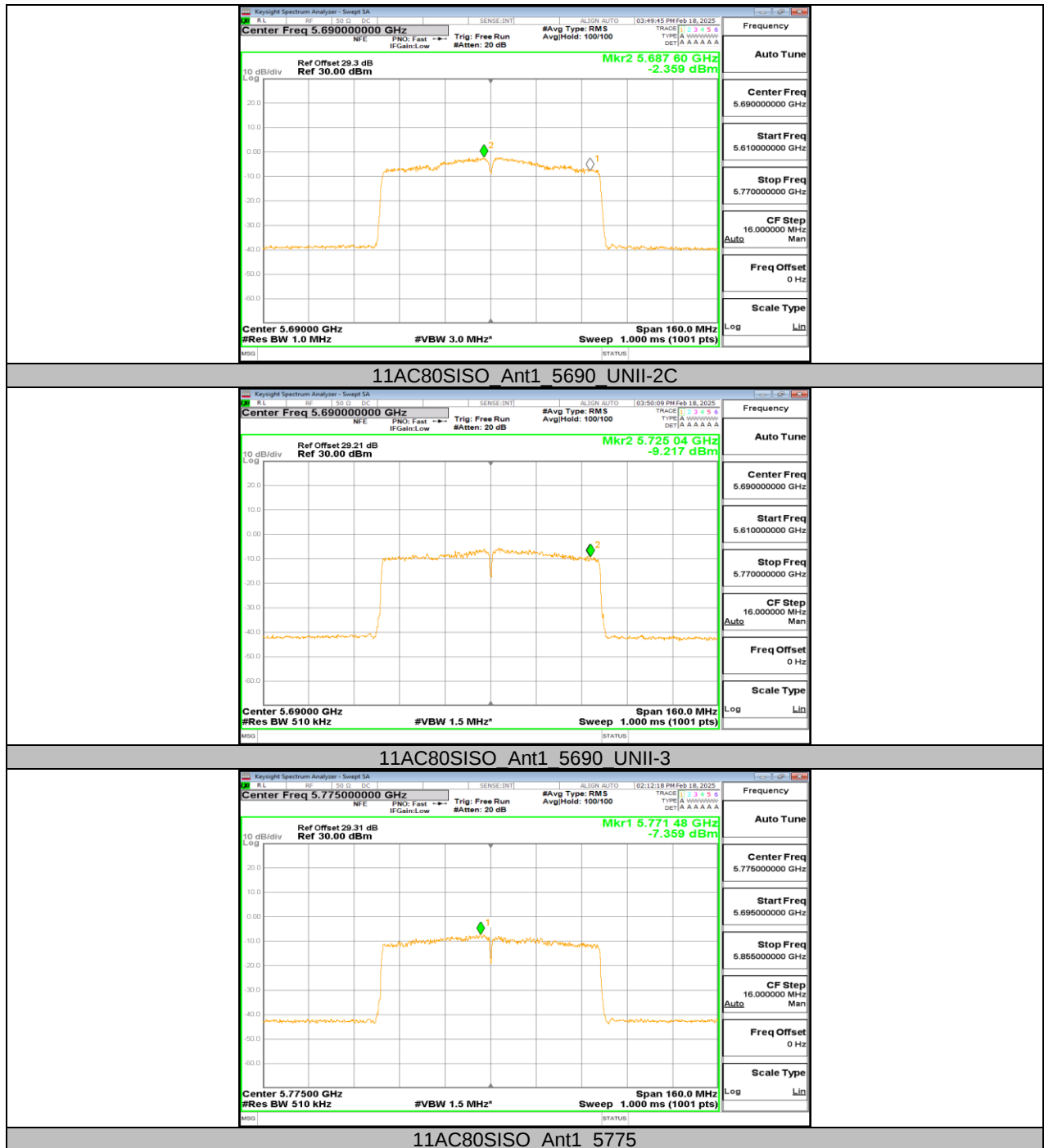






11.6. APPENDIX F: FREQUENCY STABILITY

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	5200.0052	1.00	5199.9810	-3.64	5200.0069	1.33	5199.9893	-2.06
TN	VN	5200.0246	4.74	5199.9923	-1.48	5199.9844	-3.01	5200.0204	3.93
TN	VH	5199.9854	-2.81	5200.0119	2.28	5199.9913	-1.67	5199.9848	-2.93
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)
60	VN	5200.0155	2.97	5199.9865	-2.59	5199.9846	-2.97	5200.0081	1.55
50	VN	5200.0058	1.12	5199.9838	-3.12	5200.0066	1.26	5199.9885	-2.22
40	VN	5199.9914	-1.66	5199.9766	-4.50	5200.0041	0.79	5200.0201	3.87
30	VN	5199.9750	-4.81	5200.0202	3.88	5199.9900	-1.93	5200.0132	2.54
20	VN	5199.9863	-2.64	5200.0068	1.31	5200.0122	2.34	5199.9797	-3.91
10	VN	5199.9783	-4.18	5200.0158	3.05	5199.9965	-0.68	5200.0094	1.80
0	VN	5200.0053	1.02	5200.0107	2.05	5200.0136	2.62	5200.0140	2.69

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	1.43	1.53	0.9346	93.46	0.29	0.70	1
11N20SISO	1.33	1.44	0.9236	92.36	0.35	0.75	1
11N40SISO	0.66	0.76	0.8684	86.84	0.61	1.52	2
11AC80SISO	0.06	0.16	0.3750	37.50	4.26	16.67	20

Note:

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

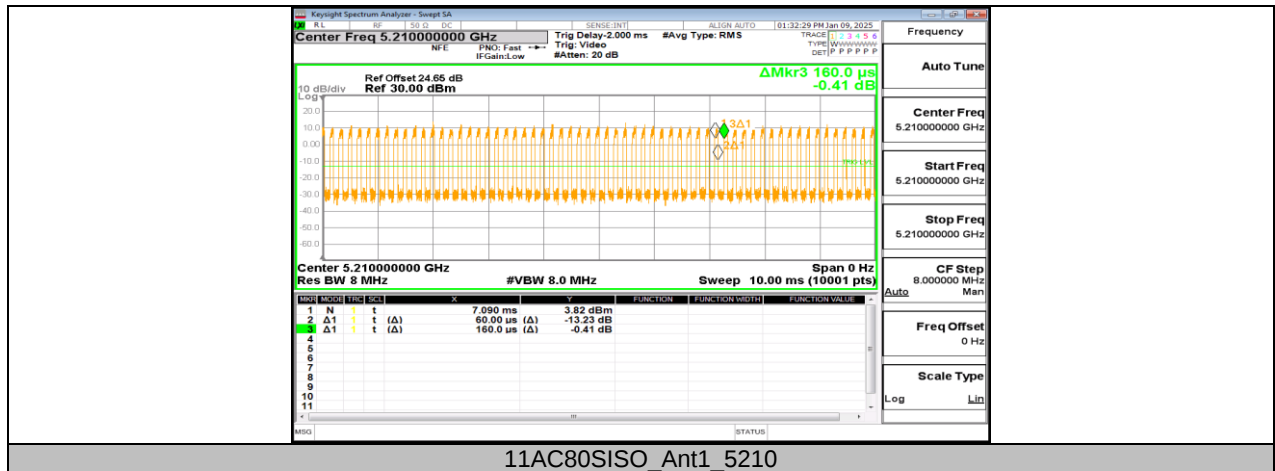
Where: x is Duty Cycle (Linear)

Where: T is On Time

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

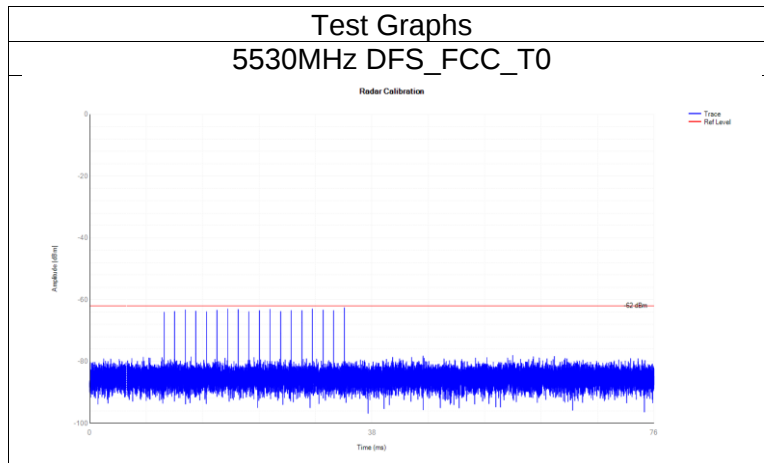
11.7.2. Test Graphs





11.8. APPENDIX H: CALIBRATION

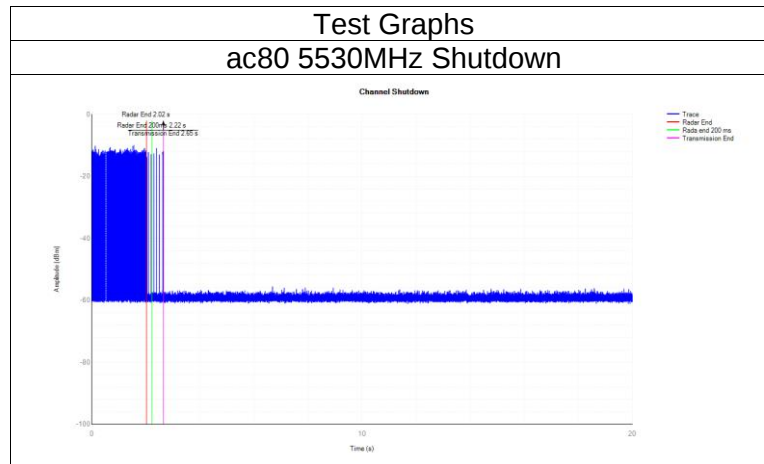
Mode	Frequency (MHz)	Type	Result	Verdict
ac80	5530	DFS_FCC_T0	See test Graph	Pass



11.9. APPENDIX I: SHUTDOWN TIME

Mod e	Frequen cy (MHz)	Chann el Move Time (s)	Limit Chann el Move Time (s)	Close Transmissi on Time (s)	Limit Close Transmissi on Time (s)	Close Transmissi on Time after 200ms(s)	Limit Close Transmissi on Time after 200ms (s)	Verdi ct
ac80	5530	0.626	10	0.031	0.26	0.025	0.06	Pass

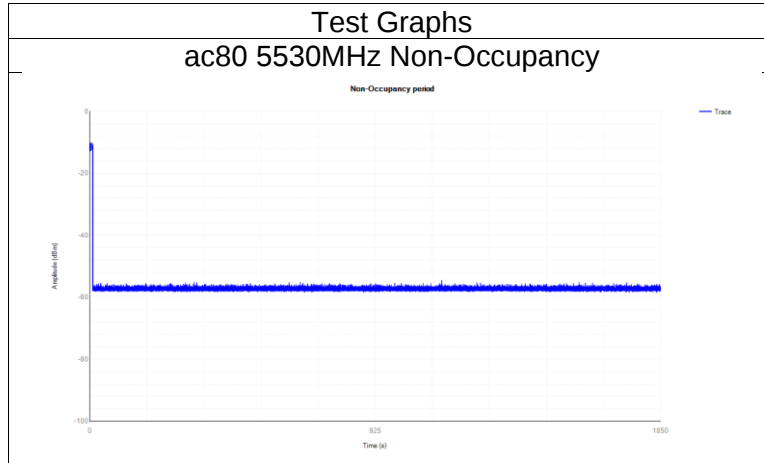
Note: refer to KDB 905462 D02 table 2, this report only records the widest BW mode test data.



11.10. APPENDIX J: NON-OCCUPANCY

Mode	Frequency (MHz)	Result	Verdict
ac80	5300	See test Graph	Pass

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



END OF REPORT