



11AC20SISO Ant1 5200



11AC20SISO Ant1 5240



11AC20SISO Ant1 5260



11AC20SISO Ant1 5280



11AC20SISO Ant1 5320



11AC20SISO Ant1 5500



11AC20SISO Ant1 5580



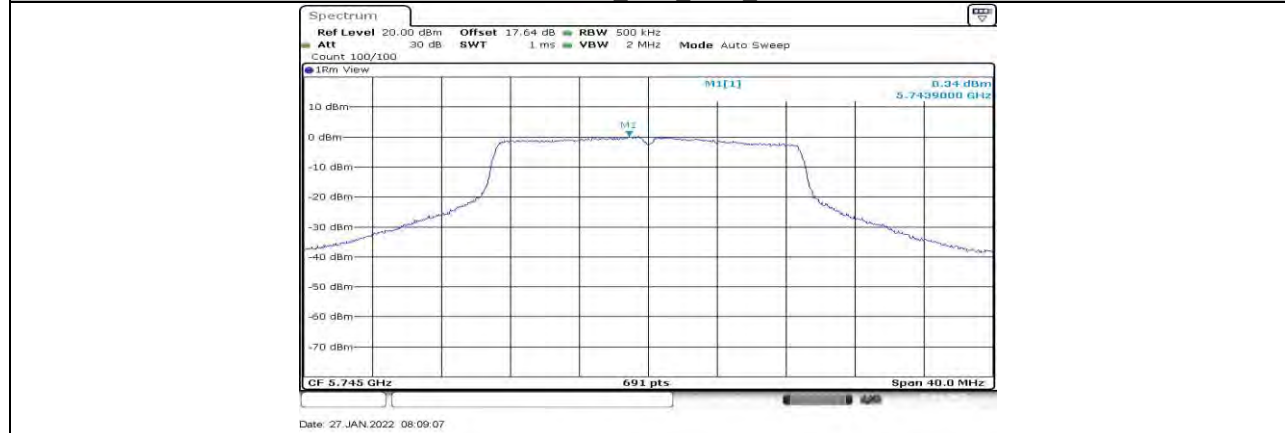
11AC20SISO Ant1 5700



11AC20SISO Ant1 5720_UNII-2C



11AC20SISO Ant1 5720 UNII-3



11AC20SISO Ant1 5745



11AC20SISO Ant1 5785



11AC20SISO Ant1 5825



11AC40SISO Ant1 5190



11AC40SISO Ant1 5230



11AC40SISO Ant1 5270



11AC40SISO Ant1 5310



11AC40SISO Ant1 5510



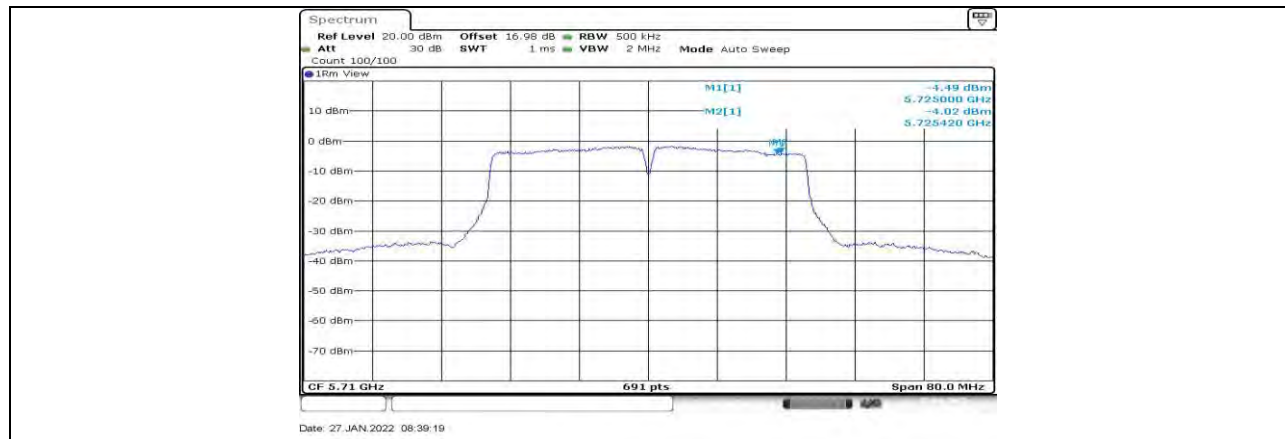
11AC40SISO Ant1 5550



11AC40SISO Ant1 5670



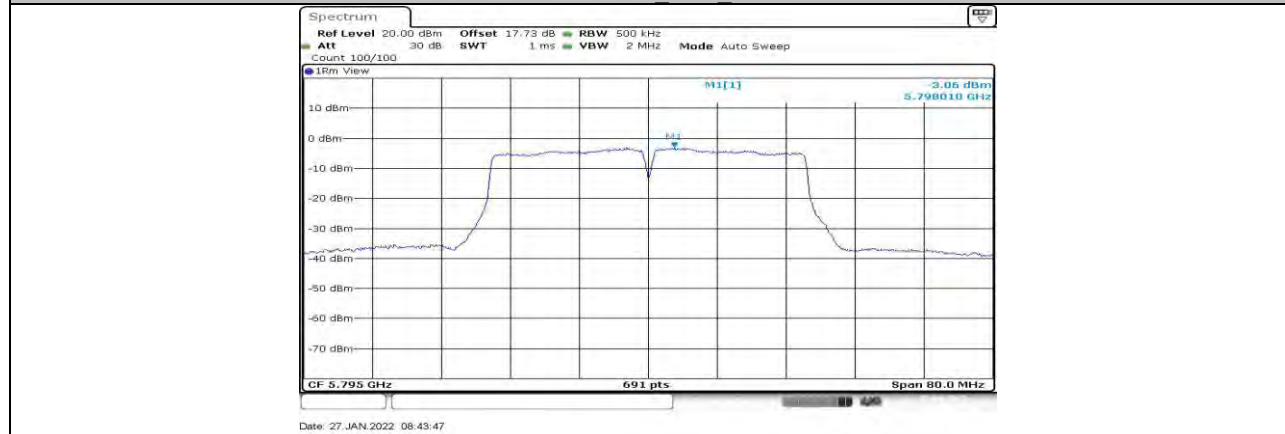
11AC40SISO Ant1 5710_UNII-2C



11AC40SISO Ant1 5710 UNII-3



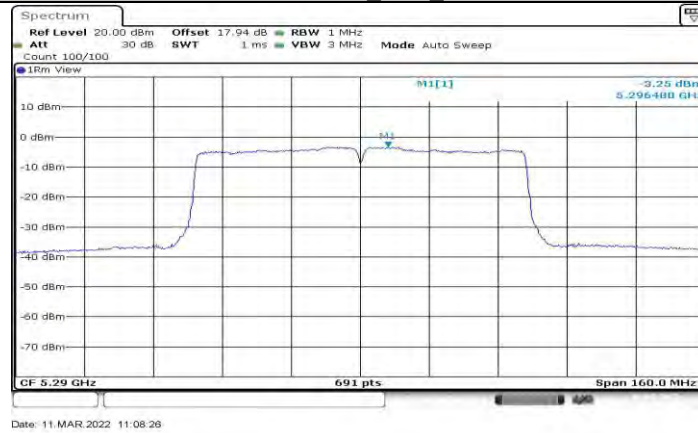
11AC40SISO Ant1 5755



11AC40SISO Ant1 5795



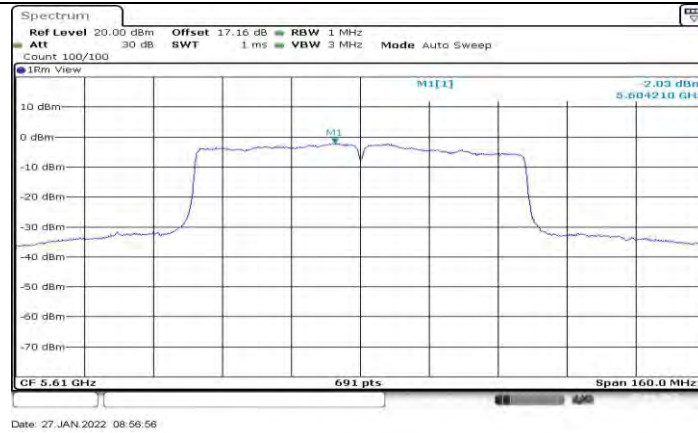
11AC80SISO Ant1 5210



11AC80SISO Ant1 5290



11AC80SISO Ant1 5530



11AC80SISO Ant1 5610



11AC80SISO Ant1 5690 UNII-2C



11AC80SISO Ant1 5690 UNII-3



13.6. Appendix D: Duty Cycle**13.6.1. 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	2.04	2.07	0.9855	98.55	0.06	0.49	0.01
11AC20SISO	1.91	1.95	0.9795	97.95	0.09	0.52	1
11AC40SISO	0.94	0.97	0.9691	96.91	0.14	1.06	2
11AC80SISO	0.46	0.49	0.9388	93.88	0.27	2.17	3

Note:

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

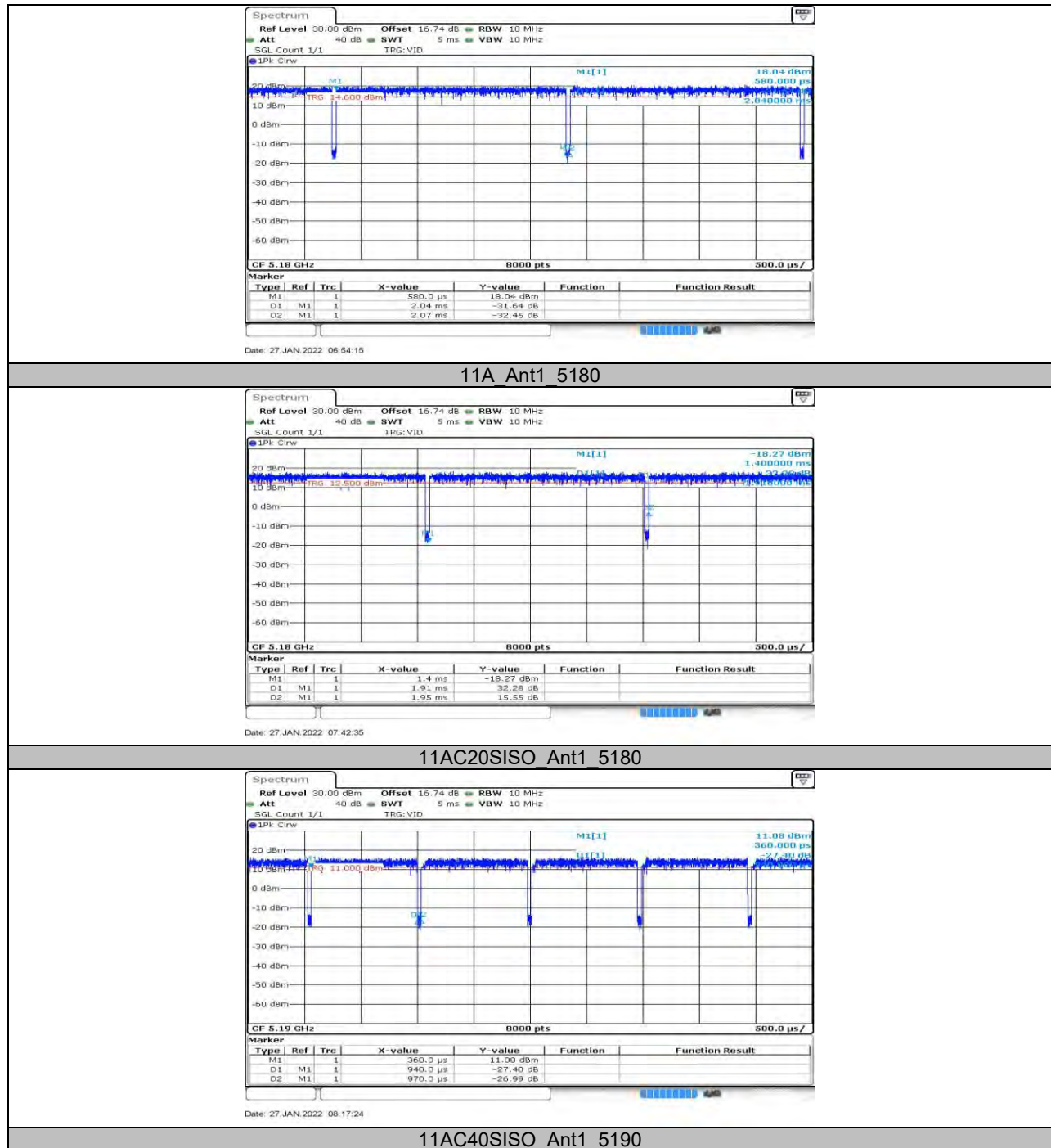
Where: x is Duty Cycle (Linear)

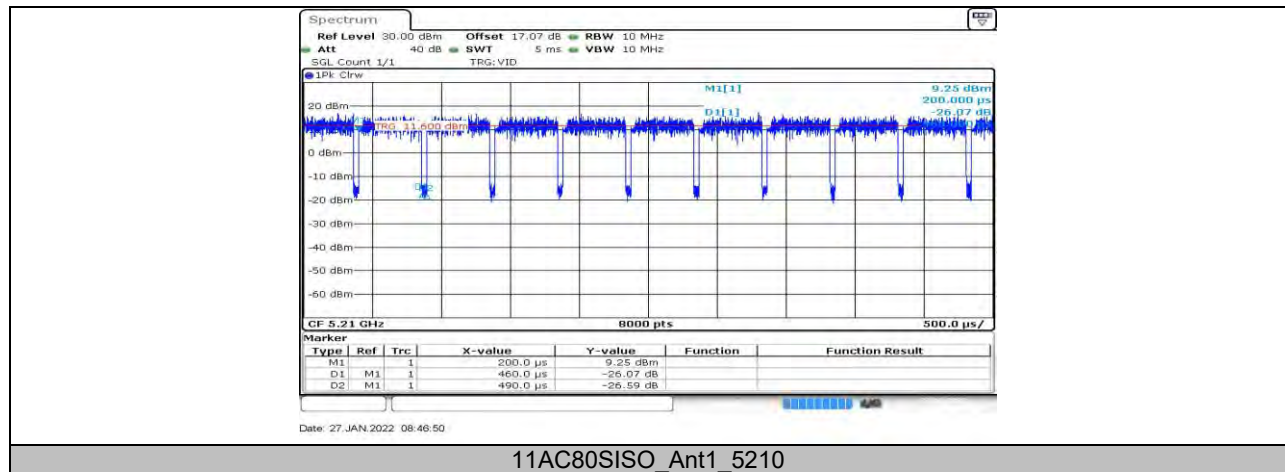
Where: T is On Time

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



13.6.1. Test Graphs





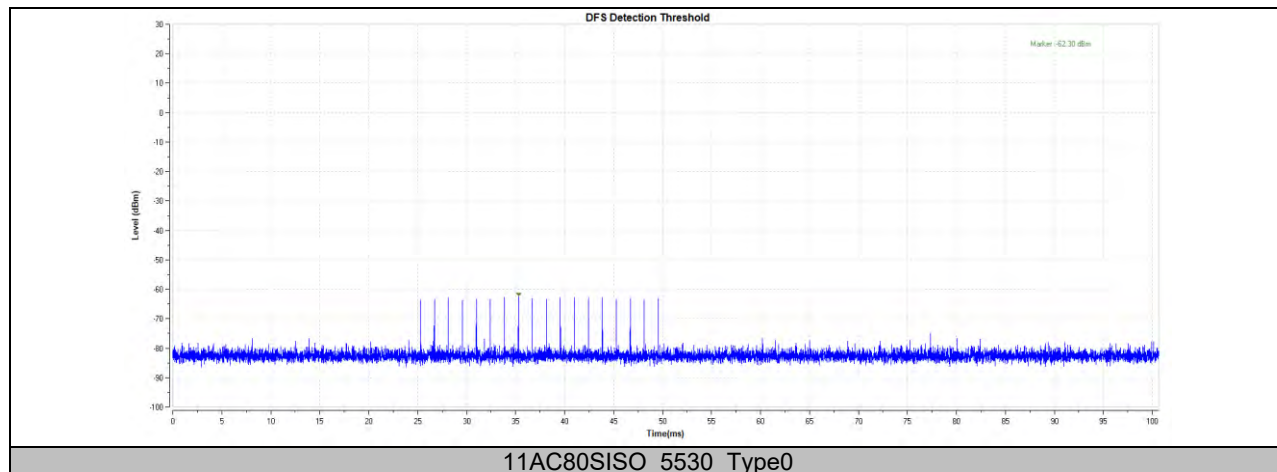


13.7. Appendix E: DFS Detection Thresholds

13.7.1. Test Result

Test Mode	Channel	Radar Type	Result	Limit[dbm]	Verdict
11AC80SISO	5530	Type0	-62.30	-62.00	PASS

13.7.2. Test Graphs



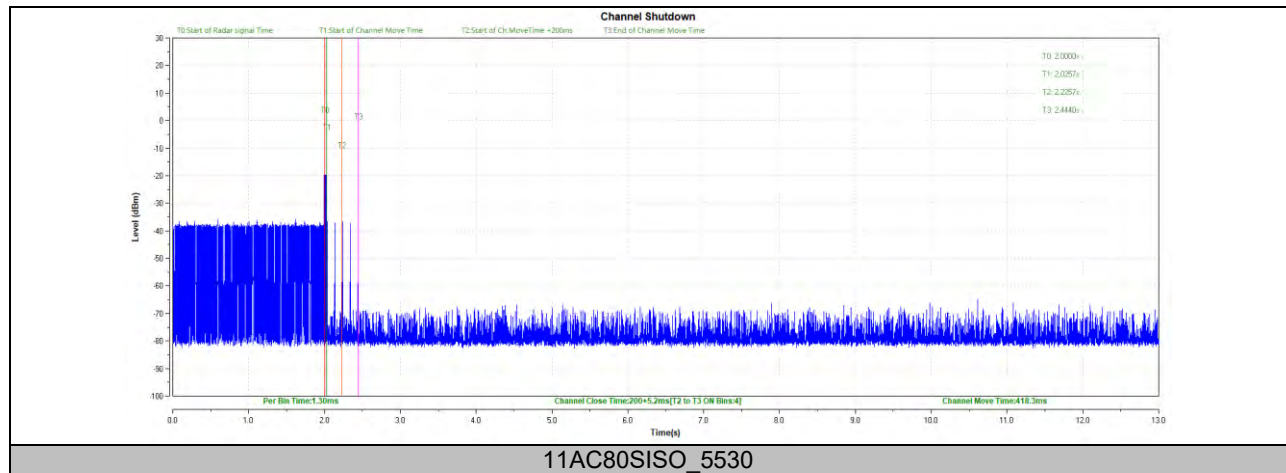


13.8. Appendix F: Channel Move Time and Channel Closing Transmission Time

13.8.1. Test Result

Test Mode	Channel	CCT[ms]	Limit[ms]	CMT[ms]	Limit[ms]	Verdict
11AC80SISO	5530	200+5.2	200+60	418.3	10000	PASS

13.8.2. Test Graphs



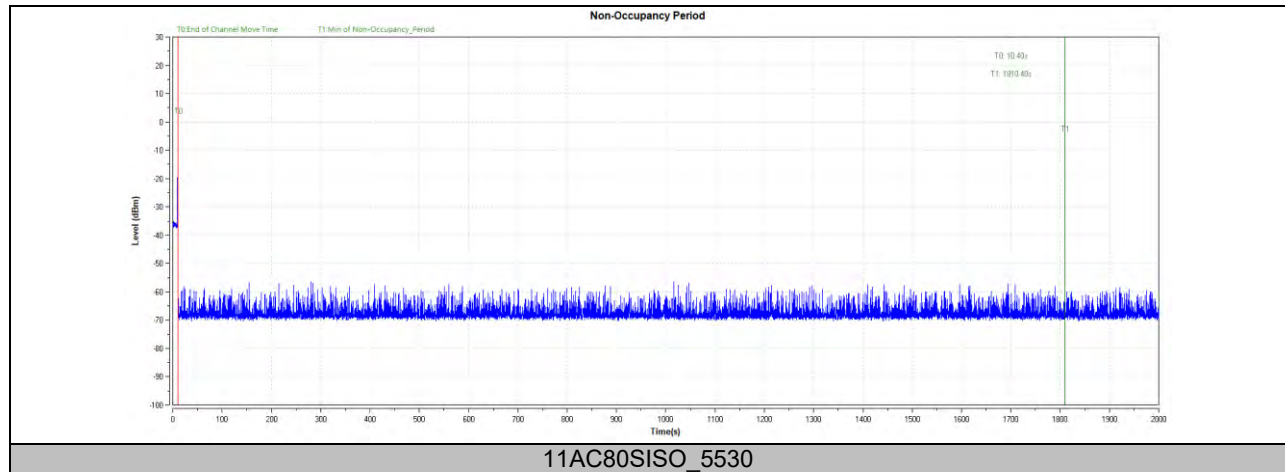


13.9. Appendix G: Non-Occupancy Period

Test Result

Test Mode	Channel	Result	Limit[s]	Verdict
11AC80SISO	5530	see test graph	≥1800	PASS

13.9.1. Test Graphs



**13.10. Appendix H: Frequency Stability****13.10.1. Test Result**

Frequency Error vs. Voltage									
802.11a 20: 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	5199.9903	-1.86	5199.9837	-3.14	5200.0119	2.29	5200.0072	1.39
TN	VN	5200.0177	3.40	5200.0099	1.90	5200.0110	2.11	5199.9794	-3.97
TN	VH	5199.9804	-3.76	5200.0008	0.16	5199.9973	-0.52	5200.0143	2.74
Frequency Error vs. Temperature									
802.11a 20: 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)
50	VN	5200.0038	0.74	5200.0038	0.73	5200.0157	3.01	5199.9981	-0.37
40	VN	5200.0203	3.90	5200.0144	2.76	5200.0088	1.69	5200.0140	2.69
30	VN	5200.0146	2.81	5199.9865	-2.59	5200.0155	2.99	5200.0032	0.61
20	VN	5200.0016	0.31	5199.9801	-3.82	5199.9807	-3.72	5200.0076	1.47
10	VN	5199.9947	-1.02	5199.9917	-1.60	5200.0206	3.97	5199.9787	-4.09
0	VN	5200.0241	4.63	5199.9797	-3.90	5200.0084	1.61	5199.9788	-4.08

Note: For the detail Test Conditions, please refer to section 10 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	5825.0127	2.18	5824.9804	-3.37	5825.0057	0.99	5825.0246	4.22
TN	VN	5824.9963	-0.64	5824.9924	-1.30	5824.9773	-3.89	5824.9934	-1.13
TN	VH	5824.9945	-0.94	5824.9908	-1.58	5825.0009	0.15	5824.9959	-0.70
Frequency Error vs. Temperature									
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)
50	VN	5824.9995	-0.09	5824.9878	-2.09	5824.9837	-2.80	5825.0002	0.04
40	VN	5825.0229	3.92	5824.9905	-1.63	5824.9843	-2.70	5825.0175	3.01
30	VN	5825.0219	3.75	5825.0085	1.45	5824.9845	-2.67	5825.0085	1.46
20	VN	5824.9789	-3.61	5824.9960	-0.69	5824.9771	-3.93	5824.9904	-1.65
10	VN	5825.0135	2.32	5825.0224	3.85	5824.9907	-1.60	5825.0174	3.00
0	VN	5825.0120	2.06	5825.0115	1.97	5824.9897	-1.77	5825.0001	0.02

Note: For the detail Test Conditions, please refer to section 10 TEST ENVIRONMENT.

END OF REPORT