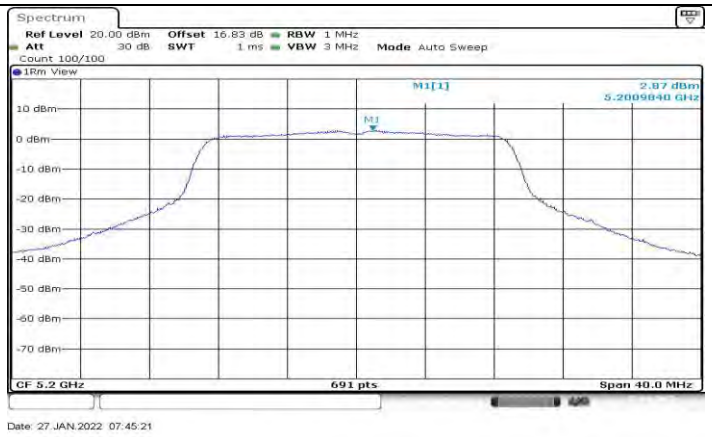


11AC20SISO_Ant1_5200

11AC20SISO_Ant1_5240

11AC20SISO_Ant1_5260

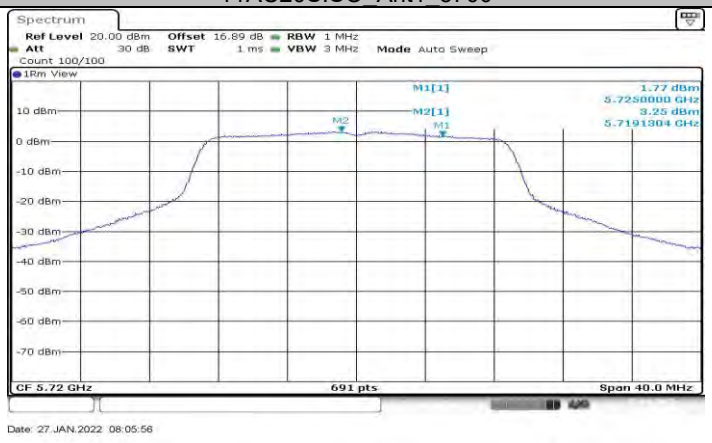
11AC20SISO_Ant1_5280

11AC20SISO_Ant1_5320

11AC20SISO_Ant1_5500

11AC20SISO_Ant1_5580

11AC20SISO_Ant1_5700



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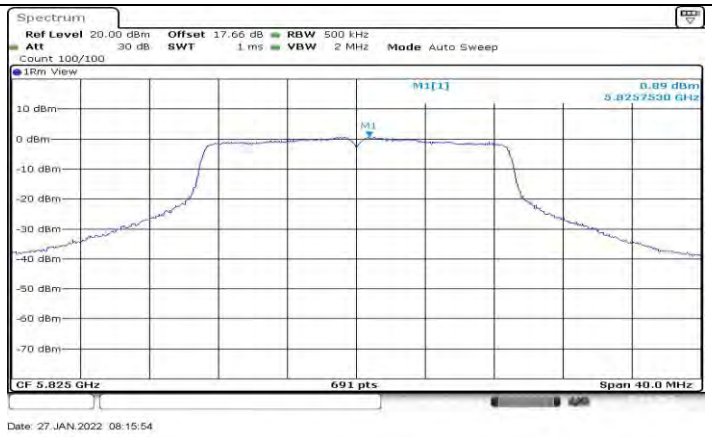
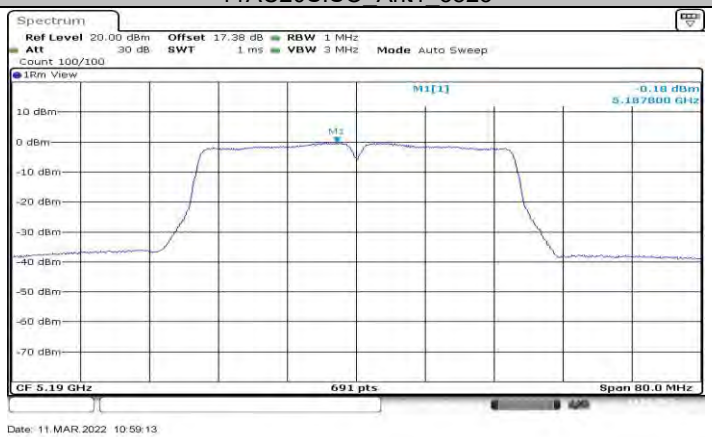
11AC20SISO_Ant1_5720_UNII-3

11AC20SISO_Ant1_5745

11AC20SISO_Ant1_5785

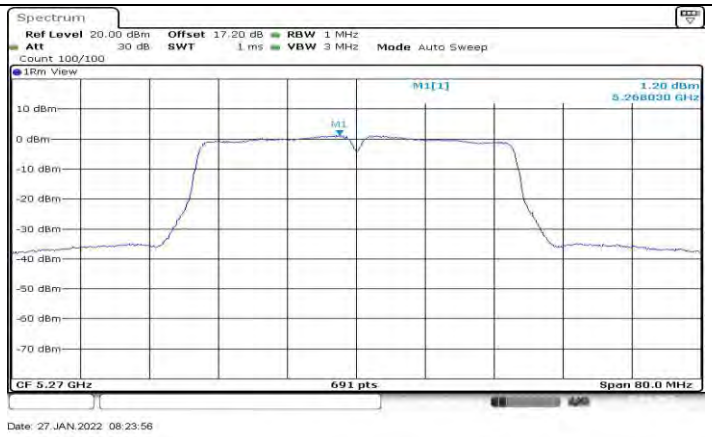


11AC20SISO_Ant1_5825



11AC40SISO_Ant1_5190

11AC40SISO_Ant1_5230



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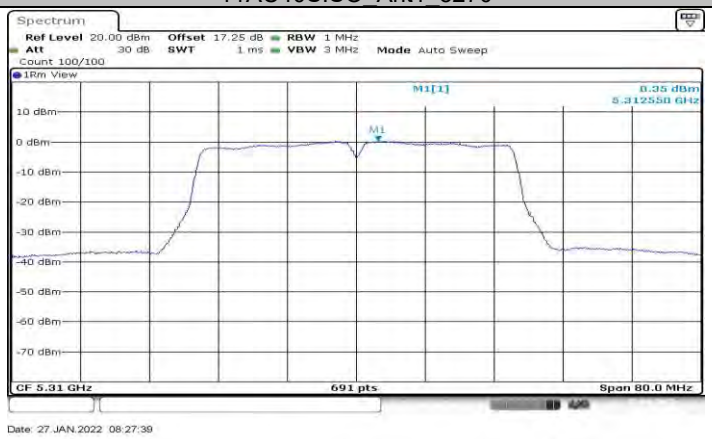


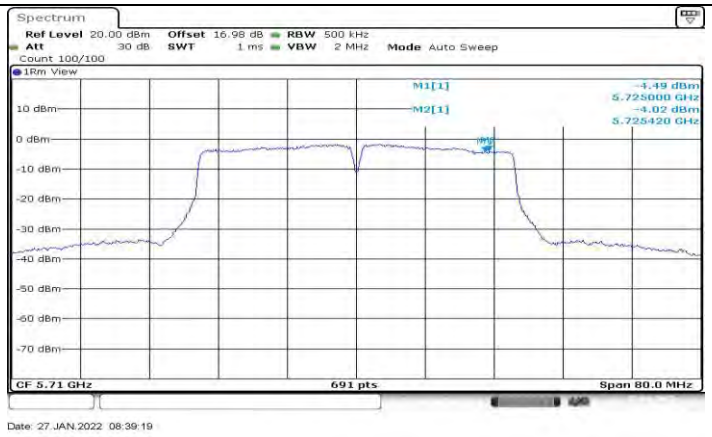
11AC40SISO_Ant1_5310

11AC40SISO_Ant1_5510

11AC40SISO_Ant1_5550

11AC40SISO_Ant1_5670

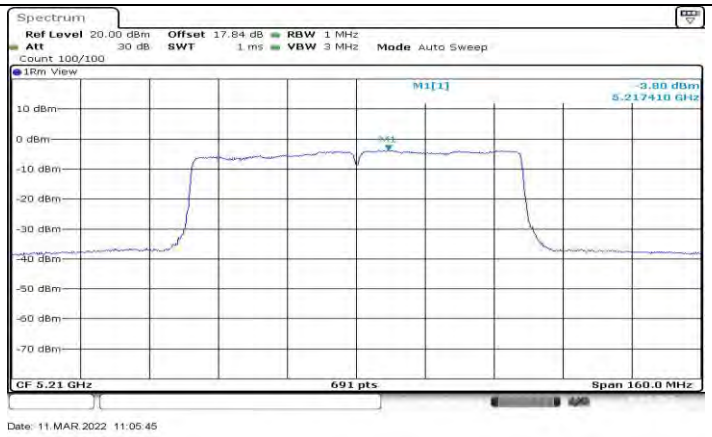
11AC40SISO_Ant1_5710_UNII-2C



11AC40SISO_Ant1_5710_UNII-3

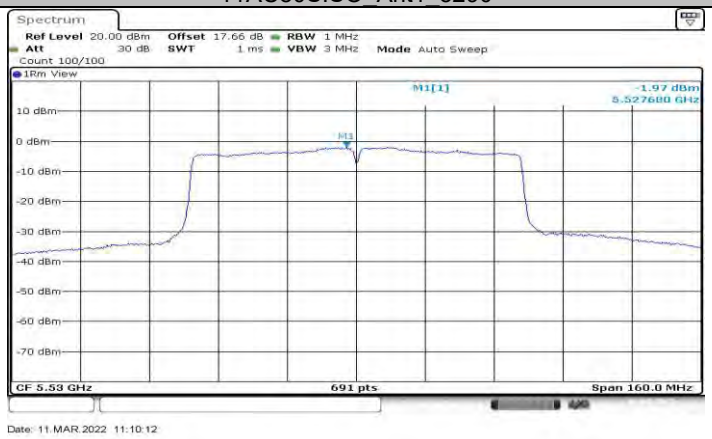
11AC40SISO_Ant1_5755

11AC40SISO_Ant1_5795



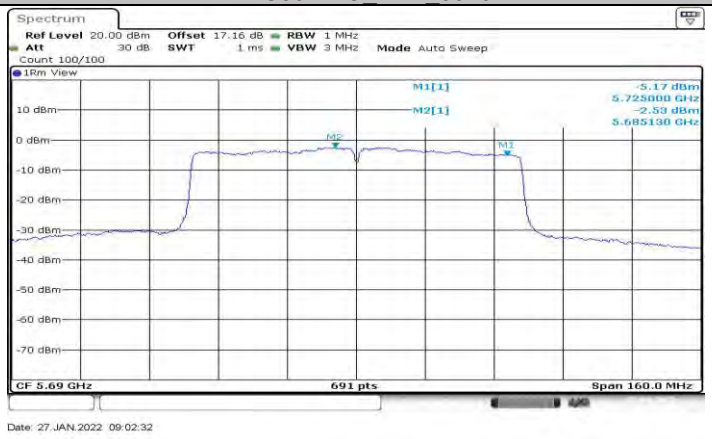
11AC80SISO_Ant1_5210

11AC80SISO_Ant1_5290



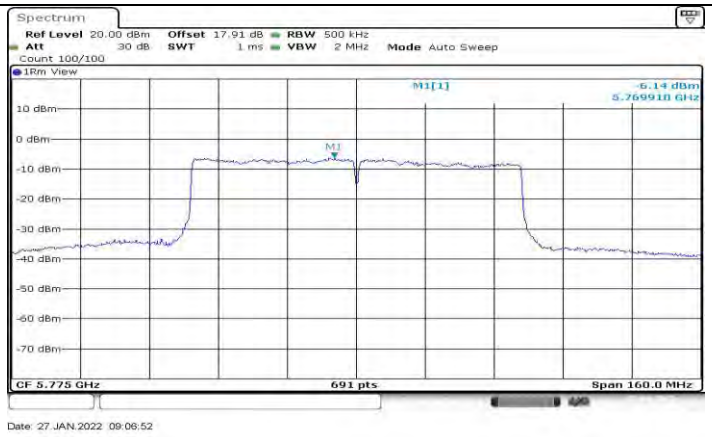
11AC80SISO_Ant1_5530

11AC80SISO_Ant1_5610



11AC80SISO_Ant1_5690_UNII-2C

11AC80SISO_Ant1_5690_UNII-3



11AC80SISO_Ant1_5775

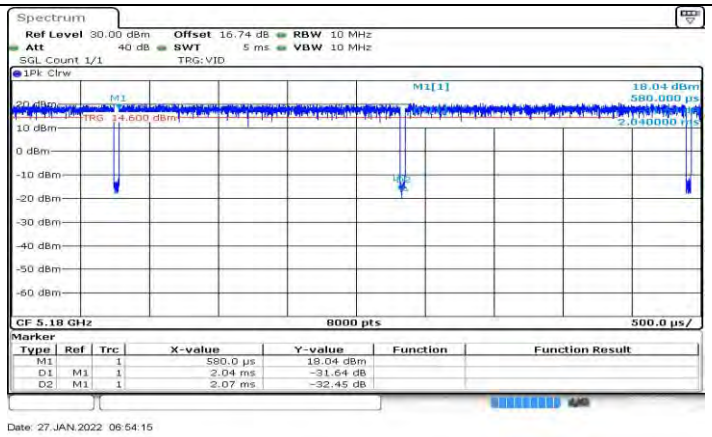
13.6. Appendix D: Duty Cycle

13.6.1. Test Result

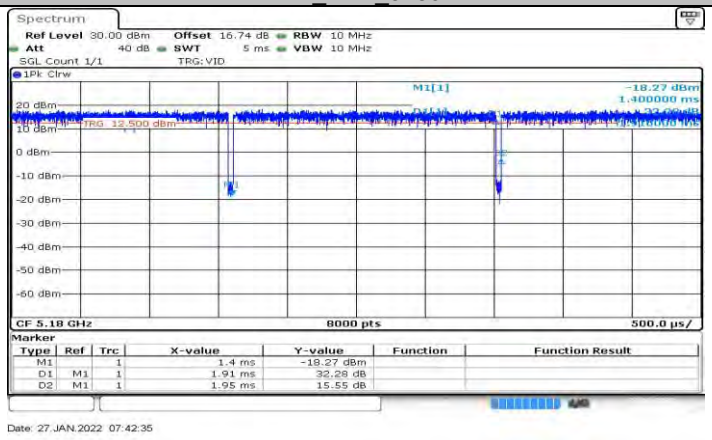
Test Mode	On Time (msec)	Period (msec)	Duty Cycle x (Linear)	Duty Cycle (%)	Duty Cycle Correction Factor (dB)	1/T Minimum VBW (kHz)	Final setting For VBW (kHz)
11A	2.04	2.07	0.9855	98.55	0.06	0.49	0.01
11AC20SISO	1.91	1.95	0.9795	97.95	0.09	0.52	1
11AC40SISO	0.94	0.97	0.9691	96.91	0.14	1.06	2
11AC80SISO	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.

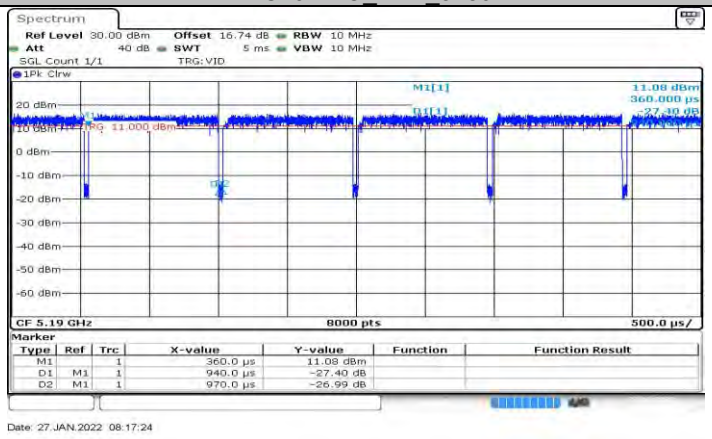
13.6.1. Test Graphs



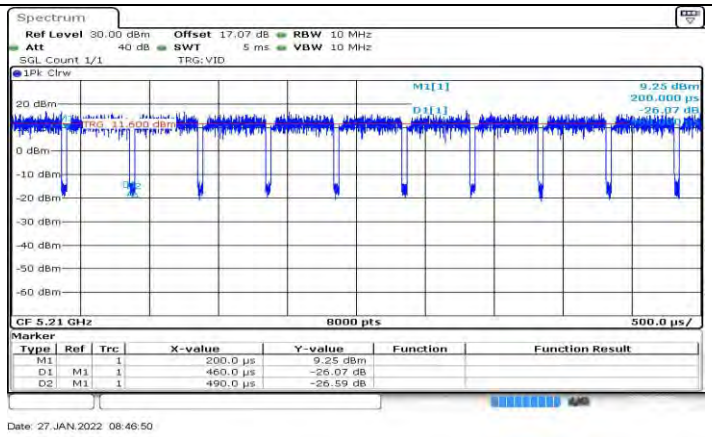
11A_Ant1_5180



11AC20SISO_Ant1_5180



11AC40SISO_Ant1_5190



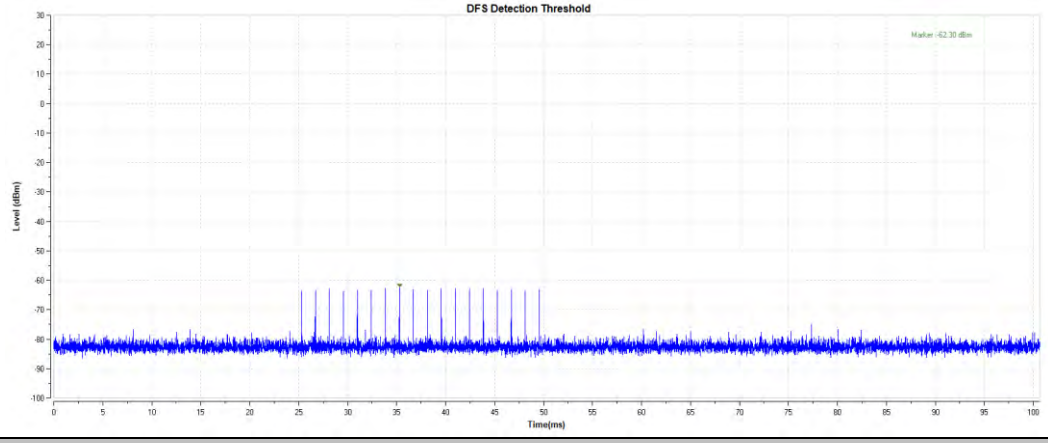
11AC80SISO_Ant1_5210

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



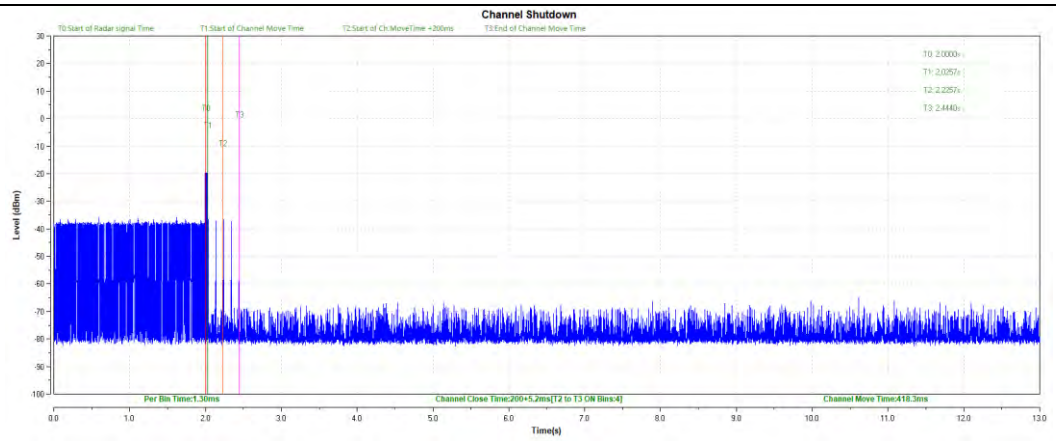
11AC80SISO_5530_Type0

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



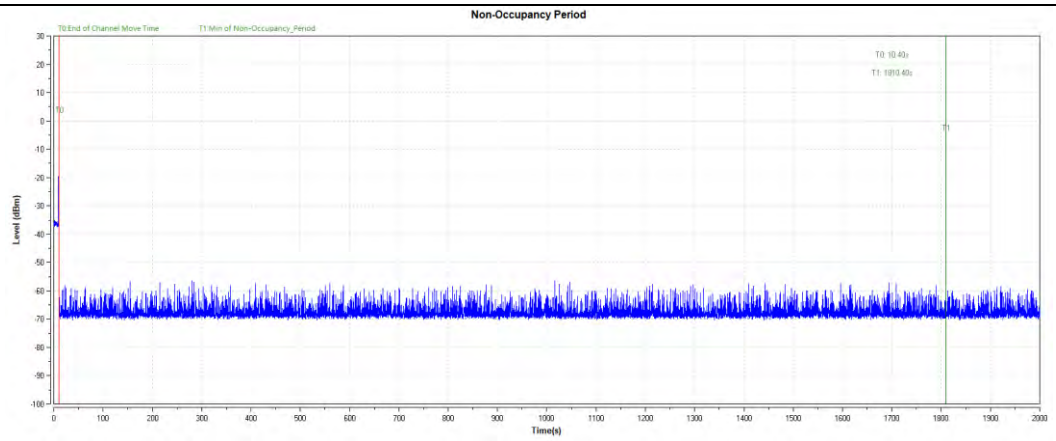
11AC80SISO_5530

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



11AC80SISO_5530

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