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11.8. APPENDIX H: FREQUENCY STABILITY 11.8.1. Test Result

Frequency Error vs. Voltage												
802.11a:5975MHz												
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	5975.0192	3.22	5974.9793	-3.47	5975.0049	0.82	5975.0025	0.41			
TN	VN	5975.0076	1.27	5975.0110	1.83	5974.9900	-1.68	5974.9779	-3.70			
TN	VH	5974.9872	-2.14	5975.0129	2.16	5975.0023	0.39	5975.0097	1.62			
Frequency Error vs. Temperature												

802.11a:5975MHz

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	5975.0200	3.35	5975.0074	1.25	5975.0072	1.20	5975.0112	1.87
40	VN	5974.9757	-4.07	5975.0127	2.13	5974.9961	-0.66	5975.0022	0.37
30	VN	5974.9765	-3.93	5974.9878	-2.05	5975.0034	0.57	5975.0114	1.91
20	VN	5975.0160	2.68	5975.0222	3.72	5974.9878	-2.05	5975.0185	3.10
10	VN	5975.0207	3.46	5975.0146	2.45	5974.9882	-1.98	5974.9993	-0.11
0	VN	5974.9769	-3.86	5975.0209	3.49	5974.9905	-1.60	5974.9937	-1.06
-10	VN	5974.9814	-3.11	5974.9913	-1.45	5974.9839	-2.69	5974.9752	-4.15

Note:

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

2. For the detail Test Conditions, please refer to section 7.5 TEST ENVIRONMENT.

END OF REPORT