



















Note: Note: ax20 mode and ax160 mode have been tested, but only the 20MHz plots are recorded in the report.

11.8. APPENDIX G: FREQUENCY STABILITY

11.8.1. Test Result

Frequency Error vs. Voltage									
802.11ax:5955MHz									
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	5955.0208	3.50	5954.9937	-1.07	5954.9950	-0.84	5955.0239	4.01
TN	VN	5954.9864	-2.28	5954.9871	-2.16	5955.0033	0.55	5954.9807	-3.25
TN	VH	5954.9840	-2.69	5954.9837	-2.74	5954.9930	-1.18	5955.0001	0.01
Frequency Error vs. Temperature									
802.11ax:5955MHz									
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	5955.0044	0.73	5955.0151	2.54	5954.9812	-3.15	5955.0180	3.03
30	VN	5955.0238	4.00	5954.9832	-2.82	5954.9916	-1.41	5954.9950	-0.83
20	VN	5954.9761	-4.02	5955.0043	0.72	5954.9794	-3.46	5955.0182	3.05
10	VN	5955.0171	2.88	5955.0028	0.47	5955.0227	3.81	5954.9938	-1.04
0	VN	5954.9908	-1.54	5955.0098	1.65	5954.9818	-3.06	5954.9942	-0.98

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 7.6 TEST ENVIRONMENT.

Frequency Error vs. Voltage									
802.11ax:7115MHz									
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	7114.9817	-2.57	7115.0239	3.36	7115.0022	0.31	7114.9777	-3.13
TN	VN	7114.9937	-0.89	7115.0112	1.57	7114.9869	-1.85	7114.9835	-2.32
TN	VH	7115.0100	1.41	7115.0175	2.46	7114.9983	-0.24	7115.0223	3.13
Frequency Error vs. Temperature									
802.11ax:7115MHz									
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	7114.9880	-1.69	7114.9992	-0.11	7114.9781	-3.08	7115.0019	0.26
30	VN	7114.9793	-2.91	7115.0098	1.38	7114.9957	-0.60	7115.0227	3.20
20	VN	7114.9865	-1.90	7114.9787	-2.99	7114.9768	-3.26	7115.0158	2.22
10	VN	7114.9908	-1.30	7114.9943	-0.80	7115.0164	2.31	7114.9843	-2.21
0	VN	7115.0218	3.06	7114.9865	-1.90	7114.9798	-2.84	7115.0247	3.47

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 7.6 TEST ENVIRONMENT.

END OF REPORT