



















12.8. Appendix G: Frequency Stability Test Result

Frequency Error vs. Voltage									
802.11ax HE20: 6195 MHz									
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	6195.0086	1.39	6194.9922	-1.26	6194.9781	-3.54	6194.9798	-3.27
TN	VN	6195.0129	2.08	6195.0146	2.36	6195.0104	1.68	6194.9871	-2.08
TN	VH	6194.9766	-3.78	6195.0136	2.20	6194.9805	-3.15	6194.9880	-1.94
Frequency Error vs. Temperature									
802.11ax HE20: 6195 MHz									
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)
70	VN	6195.0121	1.95	6195.0044	0.70	6195.0239	3.86	6195.0236	3.81
60	VN	6194.9757	-3.92	6195.0169	2.74	6194.9817	-2.95	6194.9970	-0.49
40	VN	6194.9895	-1.70	6194.9929	-1.15	6194.9802	-3.19	6194.9751	-4.02
30	VN	6195.0042	0.68	6195.0190	3.07	6194.9894	-1.71	6195.0156	2.52
20	VN	6195.0034	0.56	6194.9781	-3.54	6195.0072	1.16	6194.9812	-3.04
10	VN	6195.0210	3.39	6195.0027	0.44	6194.9785	-3.47	6195.0140	2.26
0	VN	6194.9872	-2.07	6194.9919	-1.31	6195.0226	3.64	6194.9979	-0.33



Frequency Error vs. Voltage									
802.11ax HE20: 6995 MHz									
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	6994.9794	-2.95	6994.9971	-0.42	6994.9997	-0.04	6995.0055	0.79
TN	VN	6995.0221	3.15	6994.9906	-1.35	6995.0035	0.50	6995.0162	2.32
TN	VH	6995.0228	3.25	6995.0124	1.77	6995.0055	0.78	6995.0085	1.22
Frequency Error vs. Temperature									
802.11ax HE20: 6995 MHz									
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)
70	VN	6995.0111	1.59	6995.0121	1.73	6995.0174	2.48	6995.0188	2.68
60	VN	6995.0017	0.25	6995.0215	3.07	6994.9873	-1.81	6994.9997	-0.04
40	VN	6995.0240	3.43	6994.9884	-1.66	6994.9955	-0.64	6994.9943	-0.81
30	VN	6995.0217	3.10	6995.0009	0.14	6995.0222	3.17	6995.0210	3.00
20	VN	6995.0179	2.55	6995.0130	1.86	6995.0013	0.19	6994.9939	-0.87
10	VN	6994.9852	-2.12	6994.9990	-0.14	6994.9917	-1.19	6995.0103	1.48
0	VN	6995.0124	1.77	6994.9853	-2.09	6995.0238	3.41	6994.9793	-2.96

Note: All the mode had been tested, but only the worst data was recorded in the report.

END OF REPORT