





12.7. 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	6275.0050	0.79	6274.9792	-3.32	6274.9834	-2.64	6274.9983	-0.27
TN	VN	6275.0102	1.62	6275.0161	2.57	6274.9949	-0.81	6275.0147	2.34
TN	VH	6274.9943	-0.91	6275.0215	3.42	6274.9850	-2.39	6274.9795	-3.27
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)
40	VN	6274.9866	-2.13	6275.0071	1.14	6275.0178	2.84	6274.9771	-3.65
30	VN	6274.9945	-0.87	6274.9807	-3.08	6275.0111	1.77	6274.9831	-2.70
20	VN	6275.0185	2.94	6274.9772	-3.63	6274.9831	-2.69	6274.9854	-2.33
10	VN	6274.9767	-3.72	6275.0174	2.77	6275.0051	0.81	6274.9811	-3.01
0	VN	6275.0134	2.14	6275.0199	3.17	6274.9936	-1.02	6274.9780	-3.51



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	6995.0086	1.22	6994.9912	-1.25	6994.9915	-1.21	6995.0056	0.81
TN	VN	6995.0247	3.53	6994.9795	-2.92	6995.0012	0.18	6995.0059	0.84
TN	VH	6994.9807	-2.76	6995.0065	0.93	6994.9776	-3.20	6995.0024	0.34
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)
40	VN	6994.9796	-2.92	6995.0204	2.92	6995.0024	0.34	6994.9831	-2.42
30	VN	6995.0044	0.63	6995.0102	1.46	6994.9875	-1.79	6995.0068	0.96
20	VN	6994.9788	-3.03	6994.9987	-0.19	6995.0118	1.69	6995.0087	1.24
10	VN	6995.0106	1.52	6995.0032	0.46	6994.9856	-2.06	6994.9868	-1.88
0	VN	6994.9924	-1.09	6995.0195	2.78	6995.0080	1.14	6995.0156	2.24

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

END OF REPORT