

Appendix F - Frequency stability

Test Information:

Sample No.:	33B9-9	Test Date:	2025/05/26
Test Site:	RF	Test Mode:	Transmitting
Tester:	Brian Li	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	24.5	Relative Humidity: (%)	42	ATM Pressure: (kPa)	101
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FCC Part 24E B2, TN/VN

Frequency stability vs. temperature & Frequency stability vs. voltage Compliance

B2, TN/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1851.127	1908.882	1850 ~ 1910	Pass
20MHz_16QAM_100@0	1851.065	1908.891	1850 ~ 1910	Pass

B2, TN/VH

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1851.162	1908.846	1850 ~ 1910	Pass
20MHz_16QAM_100@0	1851.014	1908.712	1850 ~ 1910	Pass

B2, TN/VL

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1851.013	1908.733	1850 ~ 1910	Pass
20MHz_16QAM_100@0	1851.142	1908.850	1850 ~ 1910	Pass

B2, T1/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1851.051	1908.876	1850 ~ 1910	Pass
20MHz_16QAM_100@0	1851.034	1908.782	1850 ~ 1910	Pass

B2, T2/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1851.112	1908.812	1850 ~ 1910	Pass
20MHz_16QAM_100@0	1851.153	1908.854	1850 ~ 1910	Pass

B2, T3/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1851.178	1908.867	1850 ~ 1910	Pass
20MHz_16QAM_100@0	1851.182	1908.754	1850 ~ 1910	Pass

B2, T4/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1851.178	1908.729	1850 ~ 1910	Pass
20MHz_16QAM_100@0	1851.131	1908.735	1850 ~ 1910	Pass

B2, T5/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1851.132	1908.704	1850 ~ 1910	Pass
20MHz_16QAM_100@0	1851.117	1908.842	1850 ~ 1910	Pass

B2, T6/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1851.082	1908.895	1850 ~ 1910	Pass
20MHz_16QAM_100@0	1851.091	1908.872	1850 ~ 1910	Pass

B2, T7/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1851.124	1908.792	1850 ~ 1910	Pass
20MHz_16QAM_100@0	1851.192	1908.765	1850 ~ 1910	Pass

B2, T8/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1851.176	1908.842	1850 ~ 1910	Pass
20MHz_16QAM_100@0	1851.061	1908.835	1850 ~ 1910	Pass

Note:

TN: 20°C; T1: -30°C; T2: -20°C; T3: -10°C; T4: 0°C; T5: 10°C; T6: 30°C; T7: 40°C; T8: 50°C.

VN: 3.70V; VL: 3.6V; VH: 4.2V.

***** END *****

***** END *****