

Appendix B-4G Frequency stability

Test Information:

Sample No.:	2VO2-2	Test Date:	2024/12/31
Test Site:	RF	Test Mode:	Transmitting
Tester:	Usain Ou	Test Result:	Pass

Environmental Conditions:

Temperature: (°C):	23.9	Relative Humidity: (%)	47	ATM Pressure: (kPa)	101
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Frequency stability

FCC For 90S

B26_1, TN/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
15MHz_QPSK_75@0	821.5	-1.3	-0.0016	±2.5	Pass
15MHz_16QAM_75@0	821.5	-0.5	-0.0006	±2.5	Pass

B26_1, TN/VH

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
15MHz_QPSK_75@0	821.5	-2.02	-0.0025	±2.5	Pass
15MHz_16QAM_75@0	821.5	-0.86	-0.0010	±2.5	Pass

B26_1, TN/VL

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
15MHz_QPSK_75@0	821.5	-1.79	-0.0022	±2.5	Pass
15MHz_16QAM_75@0	821.5	-0.41	-0.0005	±2.5	Pass

B26_1, T1/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
15MHz_QPSK_75@0	821.5	-3.2	-0.0039	±2.5	Pass
15MHz_16QAM_75@0	821.5	0.4	0.0005	±2.5	Pass

B26_1, T2/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
15MHz_QPSK_75@0	821.5	0.6	0.0007	±2.5	Pass
15MHz_16QAM_75@0	821.5	1.3	0.0016	±2.5	Pass

B26_1, T3/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
15MHz_QPSK_75@0	821.5	-1.4	-0.0017	±2.5	Pass
15MHz_16QAM_75@0	821.5	-2.3	-0.0028	±2.5	Pass

B26_1, T4/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
15MHz_QPSK_75@0	821.5	0.5	0.0006	±2.5	Pass
15MHz_16QAM_75@0	821.5	2.0	0.0024	±2.5	Pass

B26_1, T5/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
15MHz_QPSK_75@0	821.5	-0.6	-0.0007	±2.5	Pass
15MHz_16QAM_75@0	821.5	-1.2	-0.0015	±2.5	Pass

B26_1, T6/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
15MHz_QPSK_75@0	821.5	1.6	0.0019	±2.5	Pass
15MHz_16QAM_75@0	821.5	0.5	0.0006	±2.5	Pass

B26_1, T7/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
15MHz_QPSK_75@0	821.5	3.7	0.0045	±2.5	Pass
15MHz_16QAM_75@0	821.5	-1.1	-0.0013	±2.5	Pass

B26_1, T8/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
15MHz_QPSK_75@0	821.5	1.7	0.0021	±2.5	Pass
15MHz_16QAM_75@0	821.5	-2.4	-0.0029	±2.5	Pass

Note:

Frequency Error (ppm)=Frequency Error (MHz)/Test Channel(MHz)*10⁶

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: 5.0V; VL: 4.50V; VH: 5.50V.

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B5, TN/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
10MHz_QPSK_50@0	836.5	-0.8	-0.0010	±2.5	Pass
10MHz_16QAM_50@0	836.5	-0.4	0.0005	±2.5	Pass

B5, TN/VH

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
10MHz_QPSK_50@0	836.5	-1.92	-0.0023	±2.5	Pass
10MHz_16QAM_50@0	836.5	-0.53	-0.0006	±2.5	Pass

B5, TN/VL

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
10MHz_QPSK_50@0	836.5	0.11	0.0001	±2.5	Pass
10MHz_16QAM_50@0	836.5	-1.33	-0.0016	±2.5	Pass

B5, T1/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
10MHz_QPSK_50@0	836.5	-2.4	-0.0029	±2.5	Pass
10MHz_16QAM_50@0	836.5	-2.8	-0.0033	±2.5	Pass

B5, T2/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
10MHz_QPSK_50@0	836.5	-2.3	-0.0027	±2.5	Pass
10MHz_16QAM_50@0	836.5	-0.7	-0.0008	±2.5	Pass

B5, T3/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
10MHz_QPSK_50@0	836.5	-1.2	-0.0014	±2.5	Pass
10MHz_16QAM_50@0	836.5	3.3	0.0039	±2.5	Pass

B5, T4/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
10MHz_QPSK_50@0	836.5	-2.5	-0.0030	±2.5	Pass
10MHz_16QAM_50@0	836.5	0.5	0.0006	±2.5	Pass

B5, T5/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
10MHz_QPSK_50@0	836.5	-1.0	-0.0012	±2.5	Pass
10MHz_16QAM_50@0	836.5	-3.5	-0.0042	±2.5	Pass

B5, T6/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
10MHz_QPSK_50@0	836.5	-0.7	-0.0008	±2.5	Pass
10MHz_16QAM_50@0	836.5	0.9	0.0011	±2.5	Pass

B5, T7/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
10MHz_QPSK_50@0	836.5	-0.1	-0.0001	±2.5	Pass
10MHz_16QAM_50@0	836.5	-0.3	-0.0004	±2.5	Pass

B5, T8/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
10MHz_QPSK_50@0	836.5	-1.8	-0.0022	±2.5	Pass
10MHz_16QAM_50@0	836.5	-1.3	-0.0016	±2.5	Pass

Note:

Frequency Error (ppm)=Frequency Error (MHz)/Test Channel(MHz)*10⁶

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: 5.0V; VL: 4.50V; VH: 5.50V.

B26_2, TN/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
15MHz_QPSK_75@0	836.5	-0.4	-0.0005	±2.5	Pass
15MHz_16QAM_75@0	836.5	-0.1	-0.0001	±2.5	Pass

B26_2, TN/VH

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
15MHz_QPSK_75@0	836.5	0.96	0.0011	±2.5	Pass
15MHz_16QAM_75@0	836.5	-0.87	-0.0010	±2.5	Pass

B26_2, TN/VL

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
15MHz_QPSK_75@0	836.5	-0.54	-0.0006	±2.5	Pass
15MHz_16QAM_75@0	836.5	-0.69	-0.0008	±2.5	Pass

B26_2, T1/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
15MHz_QPSK_75@0	836.5	-0.7	-0.0008	±2.5	Pass
15MHz_16QAM_75@0	836.5	1.5	0.0018	±2.5	Pass

B26_2, T2/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
15MHz_QPSK_75@0	836.5	-0.1	-0.0001	±2.5	Pass
15MHz_16QAM_75@0	836.5	-0.7	-0.0008	±2.5	Pass

B26_2, T3/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
15MHz_QPSK_75@0	836.5	-0.6	-0.0007	±2.5	Pass
15MHz_16QAM_75@0	836.5	-1.9	-0.0023	±2.5	Pass

B26_2, T4/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
15MHz_QPSK_75@0	836.5	3.2	0.0038	±2.5	Pass
15MHz_16QAM_75@0	836.5	-3.6	-0.0043	±2.5	Pass

B26_2, T5/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
15MHz_QPSK_75@0	836.5	0.9	0.0011	±2.5	Pass
15MHz_16QAM_75@0	836.5	1.6	0.0019	±2.5	Pass

B26_2, T6/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
15MHz_QPSK_75@0	836.5	-2.5	-0.0030	±2.5	Pass
15MHz_16QAM_75@0	836.5	-2.3	-0.0027	±2.5	Pass

B26_2, T7/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
15MHz_QPSK_75@0	836.5	-0.4	-0.0005	±2.5	Pass
15MHz_16QAM_75@0	836.5	-0.5	-0.0006	±2.5	Pass

B26_2, T8/VN

Mode	Test Channel (MHz)	Frequency Error		Limit (ppm)	Verdict
		(Hz)	(ppm)		
15MHz_QPSK_75@0	836.5	-0.3	-0.0004	±2.5	Pass
15MHz_16QAM_75@0	836.5	3.6	0.0043	±2.5	Pass

Note:

Frequency Error (ppm)=Frequency Error (MHz)/Test Channel(MHz)*10⁶

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: 5.0V; VL: 4.50V; VH: 5.50V.

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B2, TN/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1851.129	1908.991	1850 ~ 1910	Pass
20MHz_16QAM_100@0	1851.129	1908.931	1850 ~ 1910	Pass

B2, TN/VH

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1851.173	1908.897	1850 ~ 1910	Pass
20MHz_16QAM_100@0	1851.166	1908.926	1850 ~ 1910	Pass

B2, TN/VL

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1851.098	1908.996	1850 ~ 1910	Pass
20MHz_16QAM_100@0	1851.149	1908.897	1850 ~ 1910	Pass

B2, T1/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1851.196	1908.787	1850 ~ 1910	Pass
20MHz_16QAM_100@0	1851.059	1908.643	1850 ~ 1910	Pass

B2, T2/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1851.069	1908.737	1850 ~ 1910	Pass
20MHz_16QAM_100@0	1851.132	1908.811	1850 ~ 1910	Pass

B2, T3/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1851.084	1908.643	1850 ~ 1910	Pass
20MHz_16QAM_100@0	1851.013	1908.608	1850 ~ 1910	Pass

B2, T4/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1851.026	1908.991	1850 ~ 1910	Pass
20MHz_16QAM_100@0	1851.086	1908.722	1850 ~ 1910	Pass

B2, T5/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1851.014	1908.618	1850 ~ 1910	Pass
20MHz_16QAM_100@0	1851.115	1908.815	1850 ~ 1910	Pass

B2, T6/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1851.094	1908.732	1850 ~ 1910	Pass
20MHz_16QAM_100@0	1851.182	1908.528	1850 ~ 1910	Pass

B2, T7/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1851.071	1908.955	1850 ~ 1910	Pass
20MHz_16QAM_100@0	1851.026	1908.869	1850 ~ 1910	Pass

B2, T8/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1851.170	1908.741	1850 ~ 1910	Pass
20MHz_16QAM_100@0	1851.009	1908.740	1850 ~ 1910	Pass

B25, TN/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1851.129	1913.991	1850 ~ 1915	Pass
20MHz_16QAM_100@0	1851.126	1913.931	1850 ~ 1915	Pass

B25, TN/VH

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1851.114	1913.846	1850 ~ 1915	Pass
20MHz_16QAM_100@0	1851.101	1913.825	1850 ~ 1915	Pass

B25, TN/VL

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1851.193	1913.834	1850 ~ 1915	Pass
20MHz_16QAM_100@0	1851.072	1913.888	1850 ~ 1915	Pass

B25, T1/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1851.127	1913.819	1850 ~ 1915	Pass
20MHz_16QAM_100@0	1851.137	1913.868	1850 ~ 1915	Pass

B25, T2/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1851.153	1913.869	1850 ~ 1915	Pass
20MHz_16QAM_100@0	1851.188	1913.883	1850 ~ 1915	Pass

B25, T3/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1851.123	1913.985	1850 ~ 1915	Pass
20MHz_16QAM_100@0	1851.176	1913.974	1850 ~ 1915	Pass

B25, T4/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1851.027	1913.960	1850 ~ 1915	Pass
20MHz_16QAM_100@0	1851.057	1913.930	1850 ~ 1915	Pass

B25, T5/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1851.119	1913.969	1850 ~ 1915	Pass
20MHz_16QAM_100@0	1851.113	1913.920	1850 ~ 1915	Pass

B25, T6/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1851.110	1913.951	1850 ~ 1915	Pass
20MHz_16QAM_100@0	1851.197	1913.935	1850 ~ 1915	Pass

B25, T7/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1851.171	1913.917	1850 ~ 1915	Pass
20MHz_16QAM_100@0	1851.065	1913.942	1850 ~ 1915	Pass

B25, T8/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1851.188	1913.898	1850 ~ 1915	Pass
20MHz_16QAM_100@0	1851.177	1913.886	1850 ~ 1915	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: 5.0V; VL: 4.50V; VH: 5.50V.

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B4, TN/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1711.129	1753.931	1710 ~ 1755	Pass
20MHz_16QAM_100@0	1711.129	1753.931	1710 ~ 1755	Pass

B4, TN/VH

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1711.165	1753.956	1710 ~ 1755	Pass
20MHz_16QAM_100@0	1711.257	1753.948	1710 ~ 1755	Pass

B4, TN/VL

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1711.231	1753.968	1710 ~ 1755	Pass
20MHz_16QAM_100@0	1711.146	1753.982	1710 ~ 1755	Pass

B4, T1/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1711.103	1753.531	1710 ~ 1755	Pass
20MHz_16QAM_100@0	1711.035	1753.664	1710 ~ 1755	Pass

B4, T2/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1711.024	1753.734	1710 ~ 1755	Pass
20MHz_16QAM_100@0	1711.056	1753.984	1710 ~ 1755	Pass

B4, T3/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1711.114	1753.882	1710 ~ 1755	Pass
20MHz_16QAM_100@0	1711.124	1753.694	1710 ~ 1755	Pass

B4, T4/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1711.055	1753.600	1710 ~ 1755	Pass
20MHz_16QAM_100@0	1711.155	1753.859	1710 ~ 1755	Pass

B4, T5/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1711.074	1753.907	1710 ~ 1755	Pass
20MHz_16QAM_100@0	1711.161	1753.821	1710 ~ 1755	Pass

B4, T6/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1711.037	1753.721	1710 ~ 1755	Pass
20MHz_16QAM_100@0	1711.070	1753.613	1710 ~ 1755	Pass

B4, T7/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1711.181	1753.835	1710 ~ 1755	Pass
20MHz_16QAM_100@0	1711.079	1753.890	1710 ~ 1755	Pass

B4, T8/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1711.114	1753.814	1710 ~ 1755	Pass
20MHz_16QAM_100@0	1711.171	1753.627	1710 ~ 1755	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: 5.0V; VL: 4.50V; VH: 5.50V.

B38, TN/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	2571.129	2618.991	2570 ~ 2620	Pass
20MHz_16QAM_100@0	2571.069	2618.931	2570 ~ 2620	Pass

B38, TN/VH

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	2571.152	2618.866	2570 ~ 2620	Pass
20MHz_16QAM_100@0	2571.133	2618.916	2570 ~ 2620	Pass

B38, TN/VL

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	2571.088	2618.794	2570 ~ 2620	Pass
20MHz_16QAM_100@0	2571.142	2618.831	2570 ~ 2620	Pass

B38, T1/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	2571.170	2618.786	2570 ~ 2620	Pass
20MHz_16QAM_100@0	2571.020	2618.979	2570 ~ 2620	Pass

B38, T2/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	2571.063	2618.604	2570 ~ 2620	Pass
20MHz_16QAM_100@0	2571.191	2618.863	2570 ~ 2620	Pass

B38, T3/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	2571.178	2618.825	2570 ~ 2620	Pass
20MHz_16QAM_100@0	2571.032	2618.916	2570 ~ 2620	Pass

B38, T4/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	2571.154	2618.806	2570 ~ 2620	Pass
20MHz_16QAM_100@0	2571.003	2618.508	2570 ~ 2620	Pass

B38, T5/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	2571.157	2618.904	2570 ~ 2620	Pass
20MHz_16QAM_100@0	2571.065	2618.811	2570 ~ 2620	Pass

B38, T6/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	2571.187	2618.554	2570 ~ 2620	Pass
20MHz_16QAM_100@0	2571.076	2618.930	2570 ~ 2620	Pass

B38, T7/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	2571.167	2618.865	2570 ~ 2620	Pass
20MHz_16QAM_100@0	2571.170	2618.782	2570 ~ 2620	Pass

B38, T8/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	2571.039	2618.912	2570 ~ 2620	Pass
20MHz_16QAM_100@0	2571.189	2618.915	2570 ~ 2620	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: 5.0V; VL: 4.50V; VH: 5.50V.

B41, TN/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	2497.069	2688.931	2496 ~ 2690	Pass
20MHz_16QAM_100@0	2497.189	2688.991	2496 ~ 2690	Pass

B41, TN/VH

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	2497.156	2688.972	2496 ~ 2690	Pass
20MHz_16QAM_100@0	2497.083	2688.896	2496 ~ 2690	Pass

B41, TN/VL

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	2497.126	2688.773	2496 ~ 2690	Pass
20MHz_16QAM_100@0	2497.137	2688.832	2496 ~ 2690	Pass

B41, T1/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	2497.109	2688.850	2496 ~ 2690	Pass
20MHz_16QAM_100@0	2497.080	2688.958	2496 ~ 2690	Pass

B41, T2/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	2497.121	2688.800	2496 ~ 2690	Pass
20MHz_16QAM_100@0	2497.102	2688.984	2496 ~ 2690	Pass

B41, T3/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	2497.051	2688.622	2496 ~ 2690	Pass
20MHz_16QAM_100@0	2497.121	2688.881	2496 ~ 2690	Pass

B41, T4/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	2497.012	2688.800	2496 ~ 2690	Pass
20MHz_16QAM_100@0	2497.109	2688.868	2496 ~ 2690	Pass

B41, T5/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	2497.041	2688.691	2496 ~ 2690	Pass
20MHz_16QAM_100@0	2497.163	2688.647	2496 ~ 2690	Pass

B41, T6/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	2497.039	2688.790	2496 ~ 2690	Pass
20MHz_16QAM_100@0	2497.056	2688.836	2496 ~ 2690	Pass

B41, T7/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	2497.184	2688.685	2496 ~ 2690	Pass
20MHz_16QAM_100@0	2497.128	2688.881	2496 ~ 2690	Pass

B41, T8/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	2497.062	2688.503	2496 ~ 2690	Pass
20MHz_16QAM_100@0	2497.126	2688.512	2496 ~ 2690	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: 5.0V; VL: 4.50V; VH: 5.50V.

B66, TN/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1711.129	1778.991	1710 ~ 1780	Pass
20MHz_16QAM_100@0	1711.129	1778.991	1710 ~ 1780	Pass

B66, TN/VH

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1711.125	1778.932	1710 ~ 1780	Pass
20MHz_16QAM_100@0	1711.221	1778.948	1710 ~ 1780	Pass

B66, TN/VL

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1711.213	1778.894	1710 ~ 1780	Pass
20MHz_16QAM_100@0	1711.165	1778.798	1710 ~ 1780	Pass

B66, T1/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1711.018	1778.793	1710 ~ 1780	Pass
20MHz_16QAM_100@0	1711.101	1778.672	1710 ~ 1780	Pass

B66, T2/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1711.017	1778.667	1710 ~ 1780	Pass
20MHz_16QAM_100@0	1711.105	1778.642	1710 ~ 1780	Pass

B66, T3/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1711.071	1778.568	1710 ~ 1780	Pass
20MHz_16QAM_100@0	1711.096	1778.782	1710 ~ 1780	Pass

B66, T4/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1711.018	1778.921	1710 ~ 1780	Pass
20MHz_16QAM_100@0	1711.142	1778.504	1710 ~ 1780	Pass

B66, T5/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1711.155	1778.702	1710 ~ 1780	Pass
20MHz_16QAM_100@0	1711.186	1778.983	1710 ~ 1780	Pass

B66, T6/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1711.012	1778.943	1710 ~ 1780	Pass
20MHz_16QAM_100@0	1711.103	1778.560	1710 ~ 1780	Pass

B66, T7/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1711.110	1778.914	1710 ~ 1780	Pass
20MHz_16QAM_100@0	1711.085	1778.625	1710 ~ 1780	Pass

B66, T8/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	1711.090	1778.838	1710 ~ 1780	Pass
20MHz_16QAM_100@0	1711.060	1778.705	1710 ~ 1780	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: 5.0V; VL: 4.50V; VH: 5.50V.

B7, TN/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	2501.129	2568.931	2500 ~ 2570	Pass
20MHz_16QAM_100@0	2501.129	2568.991	2500 ~ 2570	Pass

B7, TN/VH

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	2501.144	2568.928	2500 ~ 2570	Pass
20MHz_16QAM_100@0	2501.135	2568.919	2500 ~ 2570	Pass

B7, TN/VL

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	2501.097	2568.886	2500 ~ 2570	Pass
20MHz_16QAM_100@0	2501.192	2568.785	2500 ~ 2570	Pass

B7, T1/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	2501.187	2568.892	2500 ~ 2570	Pass
20MHz_16QAM_100@0	2501.021	2568.954	2500 ~ 2570	Pass

B7, T2/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	2501.199	2568.769	2500 ~ 2570	Pass
20MHz_16QAM_100@0	2501.090	2568.688	2500 ~ 2570	Pass

B7, T3/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	2501.095	2568.550	2500 ~ 2570	Pass
20MHz_16QAM_100@0	2501.170	2568.513	2500 ~ 2570	Pass

B7, T4/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	2501.194	2568.781	2500 ~ 2570	Pass
20MHz_16QAM_100@0	2501.105	2568.828	2500 ~ 2570	Pass

B7, T5/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	2501.133	2568.875	2500 ~ 2570	Pass
20MHz_16QAM_100@0	2501.098	2568.735	2500 ~ 2570	Pass

B7, T6/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	2501.052	2568.814	2500 ~ 2570	Pass
20MHz_16QAM_100@0	2501.112	2568.872	2500 ~ 2570	Pass

B7, T7/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	2501.119	2568.501	2500 ~ 2570	Pass
20MHz_16QAM_100@0	2501.170	2568.625	2500 ~ 2570	Pass

B7, T8/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_QPSK_100@0	2501.042	2568.647	2500 ~ 2570	Pass
20MHz_16QAM_100@0	2501.193	2568.773	2500 ~ 2570	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: 5.0V; VL: 4.50V; VH: 5.50V.