

Appendix T-4G Frequency stability_range

Test Information:

Sample No.:	2UKG-1	Test Date:	2024/12/30
Test Site:	RF	Test Mode:	Transmitting
Tester:	Leo Lin	Test Result:	Pass

Environmental Conditions:

Temperature: (°C):	23.8-24.6	Relative Humidity: (%)	36-42	ATM Pressure: (kPa)	101.5
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Frequency stability

B2, TN/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	1850.156	1909.937	1850 ~ 1910	Pass
20MHz_Low_High_16QAM_100@0	1850.142	1909.940	1850 ~ 1910	Pass

B2, T1/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	1850.104	1909.834	1850 ~ 1910	Pass
20MHz_Low_High_16QAM_100@0	1850.177	1909.949	1850 ~ 1910	Pass

B2, T2/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	1850.115	1909.943	1850 ~ 1910	Pass
20MHz_Low_High_16QAM_100@0	1850.158	1909.892	1850 ~ 1910	Pass

B2, T3/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	1850.081	1909.887	1850 ~ 1910	Pass
20MHz_Low_High_16QAM_100@0	1850.070	1909.926	1850 ~ 1910	Pass

B2, T4/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	1850.080	1909.828	1850 ~ 1910	Pass
20MHz_Low_High_16QAM_100@0	1850.105	1909.812	1850 ~ 1910	Pass

B2, T5/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	1850.189	1909.851	1850 ~ 1910	Pass
20MHz_Low_High_16QAM_100@0	1850.151	1909.864	1850 ~ 1910	Pass

B2, T6/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	1850.038	1909.813	1850 ~ 1910	Pass
20MHz_Low_High_16QAM_100@0	1850.068	1909.920	1850 ~ 1910	Pass

B2, T7/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	1850.078	1909.851	1850 ~ 1910	Pass
20MHz_Low_High_16QAM_100@0	1850.007	1909.999	1850 ~ 1910	Pass

B2, T8/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	1850.074	1909.877	1850 ~ 1910	Pass
20MHz_Low_High_16QAM_100@0	1850.029	1909.905	1850 ~ 1910	Pass

B2, TN/VH

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	1850.175	1909.936	1850 ~ 1910	Pass
20MHz_Low_High_16QAM_100@0	1850.071	1909.991	1850 ~ 1910	Pass

B2, TN/VL

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	1850.158	1909.921	1850 ~ 1910	Pass
20MHz_Low_High_16QAM_100@0	1850.024	1909.864	1850 ~ 1910	Pass

B4, TN/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	1710.030	1754.821	1710 ~ 1755	Pass
20MHz_Low_High_16QAM_100@0	1710.156	1754.877	1710 ~ 1755	Pass

B4, T1/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	1710.004	1754.813	1710 ~ 1755	Pass
20MHz_Low_High_16QAM_100@0	1710.160	1754.827	1710 ~ 1755	Pass

B4, T2/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	1710.066	1754.944	1710 ~ 1755	Pass
20MHz_Low_High_16QAM_100@0	1710.041	1754.863	1710 ~ 1755	Pass

B4, T3/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	1710.160	1754.941	1710 ~ 1755	Pass
20MHz_Low_High_16QAM_100@0	1710.165	1754.974	1710 ~ 1755	Pass

B4, T4/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	1710.022	1754.862	1710 ~ 1755	Pass
20MHz_Low_High_16QAM_100@0	1710.105	1754.979	1710 ~ 1755	Pass

B4, T5/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	1710.108	1754.958	1710 ~ 1755	Pass
20MHz_Low_High_16QAM_100@0	1710.181	1754.972	1710 ~ 1755	Pass

B4, T6/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	1710.172	1754.842	1710 ~ 1755	Pass
20MHz_Low_High_16QAM_100@0	1710.054	1754.961	1710 ~ 1755	Pass

B4, T7/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	1710.133	1754.877	1710 ~ 1755	Pass
20MHz_Low_High_16QAM_100@0	1710.047	1754.918	1710 ~ 1755	Pass

B4, T8/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	1710.066	1754.853	1710 ~ 1755	Pass
20MHz_Low_High_16QAM_100@0	1710.133	1754.961	1710 ~ 1755	Pass

B4, TN/VH

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	1710.151	1754.926	1710 ~ 1755	Pass
20MHz_Low_High_16QAM_100@0	1710.089	1754.912	1710 ~ 1755	Pass

B4, TN/VL

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	1710.069	1754.847	1850 ~ 1910	Pass
20MHz_Low_High_16QAM_100@0	1710.042	1754.853	1850 ~ 1910	Pass

B7, TN/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	2500.150	2569.877	2500 ~ 2570	Pass
20MHz_Low_High_16QAM_100@0	2500.062	2569.890	2500 ~ 2570	Pass

B7, T1/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	2500.032	2569.930	2500 ~ 2570	Pass
20MHz_Low_High_16QAM_100@0	2500.017	2569.827	2500 ~ 2570	Pass

B7, T2/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	2500.143	2569.918	2500 ~ 2570	Pass
20MHz_Low_High_16QAM_100@0	2500.020	2569.995	2500 ~ 2570	Pass

B7, T3/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	2500.035	2569.928	2500 ~ 2570	Pass
20MHz_Low_High_16QAM_100@0	2500.016	2569.960	2500 ~ 2570	Pass

B7, T4/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	2500.126	2569.909	2500 ~ 2570	Pass
20MHz_Low_High_16QAM_100@0	2500.025	2569.931	2500 ~ 2570	Pass

B7, T5/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	2500.020	2569.894	2500 ~ 2570	Pass
20MHz_Low_High_16QAM_100@0	2500.167	2569.930	2500 ~ 2570	Pass

B7, T6/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	2500.175	2569.899	2500 ~ 2570	Pass
20MHz_Low_High_16QAM_100@0	2500.051	2569.813	2500 ~ 2570	Pass

B7, T7/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	2500.092	2569.913	2500 ~ 2570	Pass
20MHz_Low_High_16QAM_100@0	2500.152	2569.854	2500 ~ 2570	Pass

B7, T8/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	2500.021	2569.867	2500 ~ 2570	Pass
20MHz_Low_High_16QAM_100@0	2500.060	2569.868	2500 ~ 2570	Pass

B7, TN/VH

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	2500.076	2569.964	2500 ~ 2570	Pass
20MHz_Low_High_16QAM_100@0	2500.084	2569.999	2500 ~ 2570	Pass

B7, TN/VL

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	2500.039	2569.947	2500 ~ 2570	Pass
20MHz_Low_High_16QAM_100@0	2500.164	2569.838	2500 ~ 2570	Pass

B38, TN/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	2570.011	2619.810	2570 ~ 2620	Pass
20MHz_Low_High_16QAM_100@0	2570.030	2619.963	2570 ~ 2620	Pass

B38, T1/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	2570.131	2619.846	2570 ~ 2620	Pass
20MHz_Low_High_16QAM_100@0	2570.033	2619.971	2570 ~ 2620	Pass

B38, T2/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	2570.179	2619.900	2570 ~ 2620	Pass
20MHz_Low_High_16QAM_100@0	2570.091	2619.831	2570 ~ 2620	Pass

B38, T3/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	2570.158	2619.949	2570 ~ 2620	Pass
20MHz_Low_High_16QAM_100@0	2570.193	2619.934	2570 ~ 2620	Pass

B38, T4/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	2570.111	2619.827	2570 ~ 2620	Pass
20MHz_Low_High_16QAM_100@0	2570.040	2619.969	2570 ~ 2620	Pass

B38, T5/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	2570.076	2619.965	2570 ~ 2620	Pass
20MHz_Low_High_16QAM_100@0	2570.121	2619.967	2570 ~ 2620	Pass

B38, T6/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	2570.140	2619.919	2570 ~ 2620	Pass
20MHz_Low_High_16QAM_100@0	2570.054	2619.954	2570 ~ 2620	Pass

B38, T7/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	2570.162	2619.969	2570 ~ 2620	Pass
20MHz_Low_High_16QAM_100@0	2570.197	2619.854	2570 ~ 2620	Pass

B38, T8/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	2570.135	2619.972	2570 ~ 2620	Pass
20MHz_Low_High_16QAM_100@0	2570.174	2619.812	2570 ~ 2620	Pass

B38, TN/VH

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	2570.168	2619.960	2570 ~ 2620	Pass
20MHz_Low_High_16QAM_100@0	2570.119	2619.820	2570 ~ 2620	Pass

B38, TN/VL

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	2570.158	2619.823	2570 ~ 2620	Pass
20MHz_Low_High_16QAM_100@0	2570.095	2619.815	2570 ~ 2620	Pass

B41, TN/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	2535.160	2654.880	2535 ~ 2655	Pass
20MHz_Low_High_16QAM_100@0	2535.018	2654.828	2535 ~ 2655	Pass

B41, T1/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	2535.142	2654.870	2535 ~ 2655	Pass
20MHz_Low_High_16QAM_100@0	2535.088	2654.830	2535 ~ 2655	Pass

B41, T2/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	2535.128	2654.955	2535 ~ 2655	Pass
20MHz_Low_High_16QAM_100@0	2535.041	2654.905	2535 ~ 2655	Pass

B41, T3/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	2535.165	2654.804	2535 ~ 2655	Pass
20MHz_Low_High_16QAM_100@0	2535.081	2654.839	2535 ~ 2655	Pass

B41, T4/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	2535.109	2654.964	2535 ~ 2655	Pass
20MHz_Low_High_16QAM_100@0	2535.083	2654.860	2535 ~ 2655	Pass

B41, T5/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	2535.098	2654.814	2535 ~ 2655	Pass
20MHz_Low_High_16QAM_100@0	2535.193	2654.803	2535 ~ 2655	Pass

B41, T6/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	2535.065	2654.906	2535 ~ 2655	Pass
20MHz_Low_High_16QAM_100@0	2535.185	2654.980	2535 ~ 2655	Pass

B41, T7/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	2535.132	2654.996	2535 ~ 2655	Pass
20MHz_Low_High_16QAM_100@0	2535.050	2654.929	2535 ~ 2655	Pass

B41, T8/VN

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	2535.105	2654.997	2535 ~ 2655	Pass
20MHz_Low_High_16QAM_100@0	2535.163	2654.848	2535 ~ 2655	Pass

B41, TN/VH

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	2535.023	2654.992	2535 ~ 2655	Pass
20MHz_Low_High_16QAM_100@0	2535.120	2654.926	2535 ~ 2655	Pass

B41, TN/VL

Mode	F_L (MHz)	F_H (MHz)	Limit (MHz)	Verdict
20MHz_Low_High_QPSK_100@0	2535.003	2654.947	2535 ~ 2655	Pass
20MHz_Low_High_16QAM_100@0	2535.149	2654.838	2535 ~ 2655	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: 3.8V; VL: 3.4; VH: 4.35V