

Description of Permissive Change

Ref: FCC Class II Permissive change for FCC ID: UXX-FE990B40NA

(Original cert approval date: 01/16/2026)

This application is prepared for FCC Class II permissive change,
that different listed as below:

- a. There are minor changes to EUT's antenna connector, but these do not affect the RF characteristics & output power.
- b. Additional antennas are added.

Antenna	Antenna Type	Brand	Model
Cellular	Monopole	MaxTena	NETZ 4IN1-5G
Cellular	Dipole	Ericsson	170923-000

Band	Frequency Range (MHz)	Gain (dBi)					Worst case Ant. gain	Cable loss		Net Gain @ Ant 0	Net Gain @ Ant 2
		Monopole Antenna				Dipole Antenna		Ant 0	Ant 2		
		5G-1	5G-2	5G-3	5G-4						
B2	1850-1910	3.38	3.57	2.8	3.29	2.63	3.57	0.47	0.717	3.1	2.853
B4	1710-1755	1.84	0.56	1.35	1.29	3.14	3.14	0.47	0.717	2.67	2.423
B5	824-849	1.06	-0.56	-0.99	-0.76	3.22	3.22	0.339	0.484	2.881	2.736
B7	2500-2570	5.15	5.15	4.55	4.53	2.9	5.15	0.648	1.124	4.502	4.026
B12	699-716	0.64	-0.83	0.16	0.16	3.17	3.17	0.243	0.358	2.927	2.812
B13	777-787	0.06	-2.03	-0.02	-0.49	3.06	3.06	0.339	0.484	2.721	2.576
B14	788-798	0.34	-1.68	0.27	-0.84	3.16	3.16	0.339	0.484	2.821	2.676
B17	704-716	1.5	-0.03	0.16	0.3	3.17	3.17	0.243	0.358	2.927	2.812
B25	1850-1915	3.38	3.57	2.8	3.29	2.63	3.57	0.47	0.717	3.1	2.853
B26	814-849	1.06	-0.56	-0.99	-0.76	3.22	3.22	0.339	0.484	2.881	2.736
B30	2305-2315	4.99	5.27	5.02	4.63	2.89	5.27	0.648	1.124	4.622	4.146
B38	2570-2620	4.72	4.94	4.9	5.11	2.9	5.11	0.648	1.124	4.462	3.986
B41	2496-2690	5.25	5.24	4.9	5.11	3.1	5.25	0.648	1.124	4.602	4.126
B42	3450-3600	5.13	3.9	4.85	3.57	3.48	5.13	0.799	1.174	4.331	3.956
B43	3600-3800	5.13	4.95	5.19	5.07	3.24	5.19	0.813	1.31	4.377	3.88
B66	1710-1780	1.84	0.56	1.35	1.29	3.14	3.14	0.47	0.717	2.67	2.423
B71	663-698	-0.11	-1.35	-0.27	-0.47	2.94	2.94	0.243	0.358	2.697	2.582

Band	Frequency Range (MHz)	Gain (dBi)					Worst case Ant. gain	Cable loss		Net Gain @ Ant 0	Net Gain @ Ant 2
		Monopole Antenna				Dipole Antenna		Ant 0	Ant 2		
		5G-1	5G-2	5G-3	5G-4						
B42	3450-3600	5.13	3.9	4.85	3.57	3.48	5.13	0.799	1.174	4.331	3.956
B43	3600-3800	5.13	4.95	5.19	5.07	3.24	5.19	0.813	1.31	4.377	3.88
B48	3550-3700	5.13	4.95	5.19	4.71	3.24	5.19	0.799	1.174	4.391	4.016

Band	Frequency Range (MHz)	Gain (dBi)					Worst case Ant	Cable loss		Worst case Ant connected to Net Gain	
		Monopole Antenna				Dipole Antenna		Ant 0	Ant 2	Net Gain @ Ant 0	Net Gain @ Ant 2
		5G-1	5G-2	5G-3	5G-4						
n2	1850-1910	3.38	3.57	2.8	3.29	2.63	3.57	0.47	0.717	3.1	2.853
n5	824-849	1.06	-0.56	-0.99	-0.76	3.22	3.22	0.339	0.484	2.881	2.736
n7	2500-2570	5.15	5.15	4.55	4.53	2.9	5.15	0.648	1.124	4.502	4.026
n12	699-716	0.64	-0.83	0.16	0.16	3.17	3.17	0.243	0.358	2.927	2.812
n13	777-787	0.06	-2.03	-0.02	-0.49	3.06	3.06	0.339	0.484	2.721	2.576
n14	788-798	0.34	-1.68	0.27	-0.84	3.16	3.16	0.339	0.484	2.821	2.676
n25	1850-1915	3.38	3.57	2.8	3.29	2.63	3.57	0.47	0.717	3.1	2.853
n26	814-849	1.06	-0.56	-0.99	-0.76	3.22	3.22	0.339	0.484	2.881	2.736
n30	2305-2315	4.99	5.27	5.02	4.63	2.89	5.27	0.648	1.124	4.622	4.146
n38	2570-2620	4.72	4.94	4.9	5.11	2.9	5.11	0.648	1.124	4.462	3.986
n41	2496-2690	5.25	5.24	4.9	5.11	3.1	5.25	0.648	1.124	4.602	4.126
n66	1710-1780	1.84	0.56	1.35	1.29	3.14	3.14	0.47	0.717	2.67	2.423
n70	1695-1710	1.81	0.56	0.56	0.22	3.14	3.14	0.42	0.606	2.72	2.534
n71	663-698	-0.11	-1.35	-0.27	-0.47	2.94	2.94	0.24	0.358	2.697	2.582
n77	3450-3980	5.13	4.95	5.19	5.07	3.48	5.19	0.813	1.31	4.377	3.88
n78	3450-3800	5.13	4.95	5.19	5.07	3.48	5.19	0.813	1.31	4.377	3.88

Band	Frequency Range (MHz)	Gain (dBi)					Worst case Ant	Cable loss		Worst case Ant connected to Net Gain	
		Monopole Antenna				Dipole Antenna		Ant 0	Ant 2	Net Gain @ Ant 0	Net Gain @ Ant 2
		5G-1	5G-2	5G-3	5G-4						
n48	3550-3700	5.13	4.95	5.19	4.71	3.24	5.19	0.799	1.174	4.391	4.016

c. The output power for all frequency bands will be remeasure.

The modules mentioned above has been approved and is electronically and mechanically identical to the original instructions and requirements.

Except for the changes mentioned above, no other modification is performed.

Regards,



Tilly Pan/ Specialist

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