

Dec 29, 2025

Federal Communications Commission
Equipment Authorization Branch
7435 Oakland Mills Road
Columbia, MD 21046

Cover Letter

The table below summarizes the differences among each derivative model. Please refer to it for your review.

Model	Reasons for change	Memory	Antenna
NCRB54N01VI	Basic model	1.5 MB NVM and 256 KB RAM	Ipex
NCRB54N01VC	Changing the Antenna	1.5 MB NVM and 256 KB RAM	Chip
NCRB54N01AC	Antenna changes and memory reductions	1 MB NVM and 192 KB RAM	Chip
NCRB54N01AI	Reduce memory	1 MB NVM and 192 KB RAM	Ipex
NCRB54N01C	Antenna changes and memory reductions	0.5 MB NVM and 96 KB RAM	Chip
NCRB54N01I	Reduce memory	0.5 MB NVM and 96 KB RAM	Ipex

The antenna specified in the test report was selected as the main antenna based on the worst-case gain among the antennas provided in the antenna data and was used for testing.

Model	Antenna Gain	Antenna type
YNX-2.4G-DB-SMA001	5.0	Dipole
X-2108792-X	4.9	FPC
2108832-1	1.8	Chip
2108923-1, 2108923-2 2108923-3, 2108923-4	2.5	Dipole
2195889-1 2195889-2	3.7	Dipole

Nucode Co., Ltd.
Add: 704ho Gasan Digital 1ro Geumcheon-Gu Seoul, South Korea

2344654-1 2344654-2 2344654-3 2344654-4 2344654-5 2344654-6 2344654-7 2344654-8 2344654-9 1-2344654-0	1.5	FPC
2195890-1	3.9	Dipole

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Sincerely,



Lee Kwanhyeong / Director
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