

Statement

Product: Wi-Fi® Radio Transceiver

Model: NM-DB-3-R3

Additional Model: NM-DB-2-R3, NO-DB-3-R3, NO-DB-2-R3, NM-DB-3M, NM-DB-2M, NM-DB-3U,
NM-DB-2U, NIMBLE-DB-3M, NIMBLE-DB-2M, NIMBLE-DB-3U, NIMBLE-DB-2U

Trademark: N/A

FCC ID: 2AG87NM-DB-3-R3

We hereby state that NM-DB-3-R3 is tested model, other models are derivative models. The models are identical in circuit and PCB layout, only different on the model names, antenna number and antenna connector.

MMCX and u.FL to be considered same. DUT is calibrated for Tx power at antenna port. The cable loss as below:

Type 1: MMCX to SMA/RP-SMA: 0.3db for 2.4G, 0.5db for 5G

Type 2: u.FL to SM/RP-SMA: 0.4db for 2.4G, 0.8db for 5G

Both types of antenna connections have been tested, and the worst case (NM-DB-3-R3) is reported only.

The detailed differences are as follows:

Model	Trademark	Description of the antenna connector and number
NM-DB-3-R3	N/A	This EUT has three antennas and connectors, using the MMCX connector type, cable loss: MMCX to SMA/RP-SMA: 0.3db for 2.4G, 0.5db for 5G
NM-DB-2-R3	N/A	This EUT has two antennas and connectors, using the MMCX connector type, cable loss: MMCX to SMA/RP-SMA: 0.3db for 2.4G, 0.5db for 5G
NO-DB-3-R3	N/A	This EUT has three antennas and connectors, using the MMCX connector type, cable loss: MMCX to SMA/RP-SMA: 0.3db for 2.4G, 0.5db for 5G
NO-DB-2-R3	N/A	This EUT has two antennas and connectors, using the MMCX connector type, cable loss: MMCX to SMA/RP-SMA: 0.3db for 2.4G, 0.5db for 5G
NM-DB-3M	N/A	This EUT has three antennas and connectors, using the MMCX

Doodle Labs (SG) Pte Ltd
601 MacPherson Road, Grantral Complex, Suite 07-15, Singapore 368242, Singapore

		connector type, cable loss: MMCX to SMA/RP-SMA: 0.3db for 2.4G, 0.5db for 5G
NM-DB-2M	N/A	This EUT has two antennas and connectors, using the MMCX connector type, cable loss: MMCX to SMA/RP-SMA: 0.3db for 2.4G, 0.5db for 5G
NM-DB-3U	N/A	This EUT has three antennas and connectors, using the u.FL connector type, cable loss: u.FL to SM/RP-SMA: 0.4db for 2.4G, 0.8db for 5G
NM-DB-2U	N/A	This EUT has two antennas and connectors, using the u.FL connector type, cable loss: u.FL to SM/RP-SMA: 0.4db for 2.4G, 0.8db for 5G
NIMBLE-DB-3M	N/A	This EUT has three antennas and connectors, using the MMCX connector type, cable loss: MMCX to SMA/RP-SMA: 0.3db for 2.4G, 0.5db for 5G
NIMBLE-DB-2M	N/A	This EUT has two antennas and connectors, using the MMCX connector type, cable loss: MMCX to SMA/RP-SMA: 0.3db for 2.4G, 0.5db for 5G
NIMBLE-DB-3U	N/A	This EUT has three antennas and connectors, using the u.FL connector type, cable loss: u.FL to SM/RP-SMA: 0.4db for 2.4G, 0.8db for 5G
NIMBLE-DB-2U	N/A	This EUT has two antennas and connectors, using the u.FL connector type, cable loss: u.FL to SM/RP-SMA: 0.4db for 2.4G, 0.8db for 5G

Your assistance on this matter is highly appreciated.

Yours sincerely,

Signature: 

Date: 2025/11/28

Name: Sanjay Malani

Company Name: Doodle Labs (SG) Pte Ltd

Address: 601 MacPherson Road, Grantral Complex, Suite 07-15, Singapore 368242, Singapore

Tel / Fax: +65 6253 0100/+65 6353 5564

E-Mail: sanjay.malani@doodlelabs.com