

## Description of Permissive Change

Ref: FCC Class II Permissive change for FCC ID: RAS-MT7922A12L

(Original NII/6XD cert approval date: 11/11/2021)

The application is prepared for FCC class II permissive change to add 3 new antennas set (please refer antenna list as below) which can be used with the module and adding frequency band through software enabling to its original parent application. The adding frequency band is U-NII-4 and U-NII-3, U-NII-4 span channels.

All models, updated versions, are electrically identical in all aspects except enabling frequency bands.

| Newly       |              |       |                       |  |   |              |                |                   |
|-------------|--------------|-------|-----------------------|--|---|--------------|----------------|-------------------|
| Antenna Set | RF Chain No. | Brand | Model                 | Antenna Net Gain (dBi)                           | Frequency Range (GHz)   | Antenna Type | Connector Type | Cable Length (mm) |
| 3           | Chain0       | MSI   | WA-P-LE-02-045 (Main) | 2.24<br>2.68<br>3.01<br>-1.23<br>-1.96<br>-3.68  | 2.4~2.4835<br>5.15~5.85<br>5.925~6.425<br>6.425~6.525<br>6.525~6.875<br>6.875~7.125 | PIFA         | IPEX-4L        | 190               |
|             | Chain1       | MSI   | WA-P-LE-02-046 (Aux)  | -2.96<br>1.16<br>0.99<br>-2.31<br>-2.54<br>-7.44 | 2.4~2.4835<br>5.15~5.85<br>5.925~6.425<br>6.425~6.525<br>6.525~6.875<br>6.875~7.125 | PIFA         | IPEX-4L        | 325               |
| 4           | Chain0       | PSA   | RFPCA460632IMMB701    | -13.20<br>-13.67<br>-13.67<br>-13.09             | 5.925~6.425<br>6.425~6.525<br>6.525~6.875<br>6.875~7.125                            | Dipole       | IPEX           | 320               |
|             | Chain1       | PSA   | RFPCA460632IMMB701    | -13.20<br>-13.67<br>-13.67<br>-13.09             | 5.925~6.425<br>6.425~6.525<br>6.525~6.875<br>6.875~7.125                            | Dipole       | IPEX           | 320               |
| 5           | Chain0       | PSA   | RFMTA421230IMMB701    | -13.92<br>-13.91<br>-13.91<br>-14.46             | 5.925~6.425<br>6.425~6.525<br>6.525~6.875<br>6.875~7.125                            | PIFA         | IPEX           | 300               |
|             | Chain1       | PSA   | RFMTA421230IMMB701    | -13.92<br>-13.91<br>-13.91<br>-14.46             | 5.925~6.425<br>6.425~6.525<br>6.525~6.875<br>6.875~7.125                            | PIFA         | IPEX           | 300               |

Note: The Antenna Set 5 was selected for the final test.

Regards,

A handwritten signature in blue ink, appearing to read 'Andrea Hsia'.

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