

Date: October 31, 2022

Description of Permissive Change

The application is prepared for FCC class II permissive change, the difference compared with original is evaluated SAR Only under FCC ID: TX2-RTL8852B; Grant issued date: 10/10/2022) and adding new antenna (Model: RTK-ANT-0021). For more information about antenna, please refer below table:

| Original | | | | | | | | |
|----------|--------------|-----------|----------------------|---------------------|-----------------------|-----------|----------------|-------------------|
| Ant. Set | RF Chain No. | Brand | Model | Ant. Net Gain (dBi) | Frequency Range (GHz) | Ant. Type | Connector Type | Cable Length (mm) |
| 1 | Chain 0 | ARISTOTLE | RFA-27-JP326-MHF4300 | 3.5 | 2.4~2.4835 | PIFA | i-pex(MHF) | 300 |
| | | | | 5 | 5.15~5.85 | | | |
| | | | | 5 | 5.875~7.125 | | | |
| | Chain 1 | ARISTOTLE | RFA-27-JP326-MHF4300 | 3.5 | 2.4~2.4835 | PIFA | i-pex(MHF) | 300 |
| | | | | 5 | 5.15~5.85 | | | |
| | | | | 5 | 5.875~7.125 | | | |
| 2 | Chain 0 | ARISTOTLE | RFA-27-C38H1-MHF4300 | 3 | 2.4~2.4835 | Dipole | i-pex(MHF) | 300 |
| | | | | 5 | 5.15~5.85 | | | |
| | | | | 5 | 5.875~7.125 | | | |
| | Chain 1 | ARISTOTLE | RFA-27-C38H1-MHF4300 | 3 | 2.4~2.4835 | Dipole | i-pex(MHF) | 300 |
| | | | | 5 | 5.15~5.85 | | | |
| | | | | 5 | 5.875~7.125 | | | |
| Newly | | | | | | | | |
| Ant. Set | RF Chain No. | Brand | Model | Ant. Net Gain (dBi) | Frequency Range (GHz) | Ant. Type | Connector Type | Cable Length (mm) |
| 3 | Chain 0 | REALTEK | RTK-ANT-0021 | 3.4 | 2.4~2.4835 | PIFA | lpex4 | 300 |
| | | | | 4.8 | 5.15~5.85 | | | |
| | | | | 4.1 | 5.875~7.125 | | | |
| | Chain 1 | REALTEK | RTK-ANT-0021 | 3.4 | 2.4~2.4835 | PIFA | lpex4 | 300 |
| | | | | 4.8 | 5.15~5.85 | | | |
| | | | | 4.1 | 5.875~7.125 | | | |

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



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