

# Declaration of Product Modifications

DATE : 03 / 12 / 2020

This is to request a Class II permissive change for FCC ID: U8G-P1811AC, originally granted on 11 / 28 / 2016

The major change filed under this application is:

Addition:

1. Model name: MAX HD1 LTEA, Pismo 811ac with 4SIMs Piggy, MAX HD1, MAX HD2, MAX-HD2-LTEA-R-T, MAX-HD1-LTEA-R-T, Pepwave MAX HD2, Pepwave MAX HD2 LTEA, Pepwave MAX HD1, Pepwave MAX HD1 LTEA, Peplink MAX HD2, Peplink MAX HD2 LTEA, Peplink MAX HD1, Peplink MAX HD1 LTEA
2. Use the Certified M.2 module Sierra Wireless EM7511 (FCC ID: N7NEM75S)

3. Antenna:

| For WLAN                 |                                  |              |                       |                 |                  |                |
|--------------------------|----------------------------------|--------------|-----------------------|-----------------|------------------|----------------|
| Antenna No.              | Brand                            | Model        | Antenna Net Gain(dBi) | Frequency range | Antenna Type     | Connector Type |
| WLAN(2.4G)               | Master Wave Technology Co., Ltd. | 98614PRSX000 | 2.44                  | 2.4~2.4835 GHz  | Omni-directional | R-SMA          |
| WLAN(5G)-1               | Master Wave Technology Co., Ltd. | 98614PRSX000 | 4.1                   | 5.15~5.25 GHz   | Omni-directional | R-SMA          |
| WLAN(5G)-2               | Master Wave Technology Co., Ltd. | 98614PRSX000 | 4.73                  | 5.725~5.85 GHz  | Omni-directional | R-SMA          |
| For GPS                  |                                  |              |                       |                 |                  |                |
| Antenna No.              | Brand                            | Model        | Antenna Net Gain(dBi) | Frequency range | Antenna Type     | Connector Type |
| GPS                      | Master Wave Technology Co., Ltd. | 98335KSAF000 | 4.5                   | 1575.42 MHz     | Magnetic         | SMA            |
| For For WWAN(LTE)        |                                  |              |                       |                 |                  |                |
| Antenna No.              | Brand                            | Model        | Antenna Net Gain(dBi) | Frequency range | Antenna Type     | Connector Type |
| Cellular 1 Main          | Master Wave Technology Co., Ltd. | 98619ZSAX052 | 2.77                  | 699~960         | Dipole           | SMA            |
| Cellular 1 Diversity/Aux |                                  |              | 3.58                  | 1575~2170       | Dipole           | SMA            |
| Cellular 2 Main          |                                  |              | 4.38                  | 2325~2690       | Dipole           | SMA            |
| Cellular 2 Diversity/Aux |                                  |              | 2.16                  | 3400~3800       | Dipole           | SMA            |

Note: WLAN was test with original antenna

Signature



Handwritten signature of Antony Chong in blue ink.

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