

## 1.AH-41

|                              |                                                                                                     |
|------------------------------|-----------------------------------------------------------------------------------------------------|
| ·Frequency range             | 1616.02MHz to 1626.48MHz (TX Unit / RX Unit)<br><br>1575.42MHz to 1605.4MHz (RX Unit, GNSS L1 Band) |
| ·Antenna impedance           | 50 ohms nominal                                                                                     |
| ·Operating temperature range | - 25 °C to + 55 °C                                                                                  |
| ·Current drain (approx.)     | $\leq 2.50\text{A}$ (at relay)<br>$\leq 0.80\text{A}$ (stand by)<br>@ Input voltage 28.0V           |
| ·Dimensions                  | W 310 x H 326 x D 89 mm (Excluding protrusions)                                                     |
| ·Weight                      | 1.4 kgrams approx.                                                                                  |
| ·TX output power             | +37.7dBm $\pm$ 1dBm<br>@ +23.3 dBm Input                                                            |
| ·TX EVM                      | $\leq 7\%$                                                                                          |
| ·TX Spurious emissions       | $\leq -13\text{dBm}$                                                                                |
| ·RX Gain                     | +17dB $\pm$ 5dB<br>@ -80 dBm input                                                                  |
| ·RX Noise figure             | $\leq 5.0\text{dB}$                                                                                 |
| ·RX Spurious emissions       | $\leq -13\text{dBm}$                                                                                |

## 2.BC-253

|                 |                                                |
|-----------------|------------------------------------------------|
| ·Pass Loss      | 1.5dB $\pm$ 0.3dB                              |
| ·Output voltage | 28.5V $\pm$ 5 %                                |
| ·Output Current | 1.0A $\pm$ 0.2 A                               |
| ·Dimensions     | W 70 x H 40 x D 100 mm (Excluding protrusions) |
| ·Weight         | 300 grams approx.                              |