

## 1.AH-41

·Frequency range	1616.02MHz to 1626.48MHz (TX Unit / RX Unit) 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) $\leq 0.80\text{A}$ (stand by) @ 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 @ +23.3 dBm Input
·TX EVM	$\leq 7\%$
·TX Spurious emissions	$\leq -13\text{dBm}$
·RX Gain	+17dB $\pm$ 5dB @ -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.