

Author Philipp Auerbach	Project BTCOM	created 5.16.2023 updated 5.16.2023	luun electronic systems GmbH -- confidential document -
Antenna specification			



1. Antenna Specification

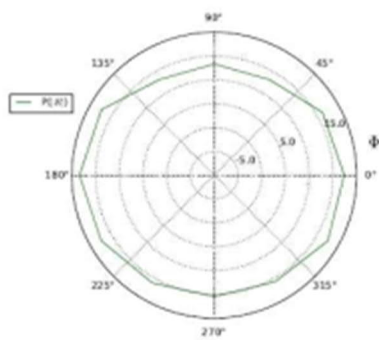
The Antenna is an integrated PCB PIFA Antenna with following EIRP and radiation pattern.

5.1.1.5 Measurement Results

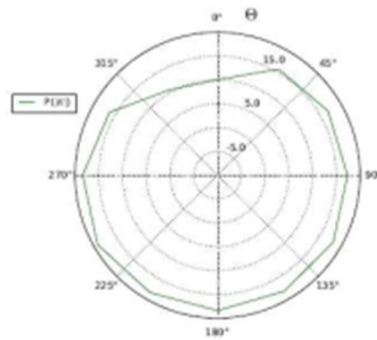
max. EIRP (Θ): 19.5 dBm at ($\Theta=150.0^\circ$, $\Phi=-90.0^\circ$)

max. EIRP (Φ): 18.6 dBm at ($\Theta=180.0^\circ$, $\Phi=0.0^\circ$)

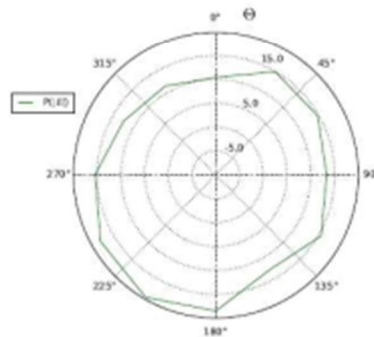
max. EIRP (abs): 19.8 dBm at ($\Theta=150.0^\circ$, $\Phi=-60.0^\circ$)



(a) xy-plane



(b) xz-plane



(c) yz-plane