

NOTE: all antennas(RADAR, GPS, and WiFi) are sealed inside the unit housing, and are not easily accessible by customers or installation personnel.

RADAR Antennas

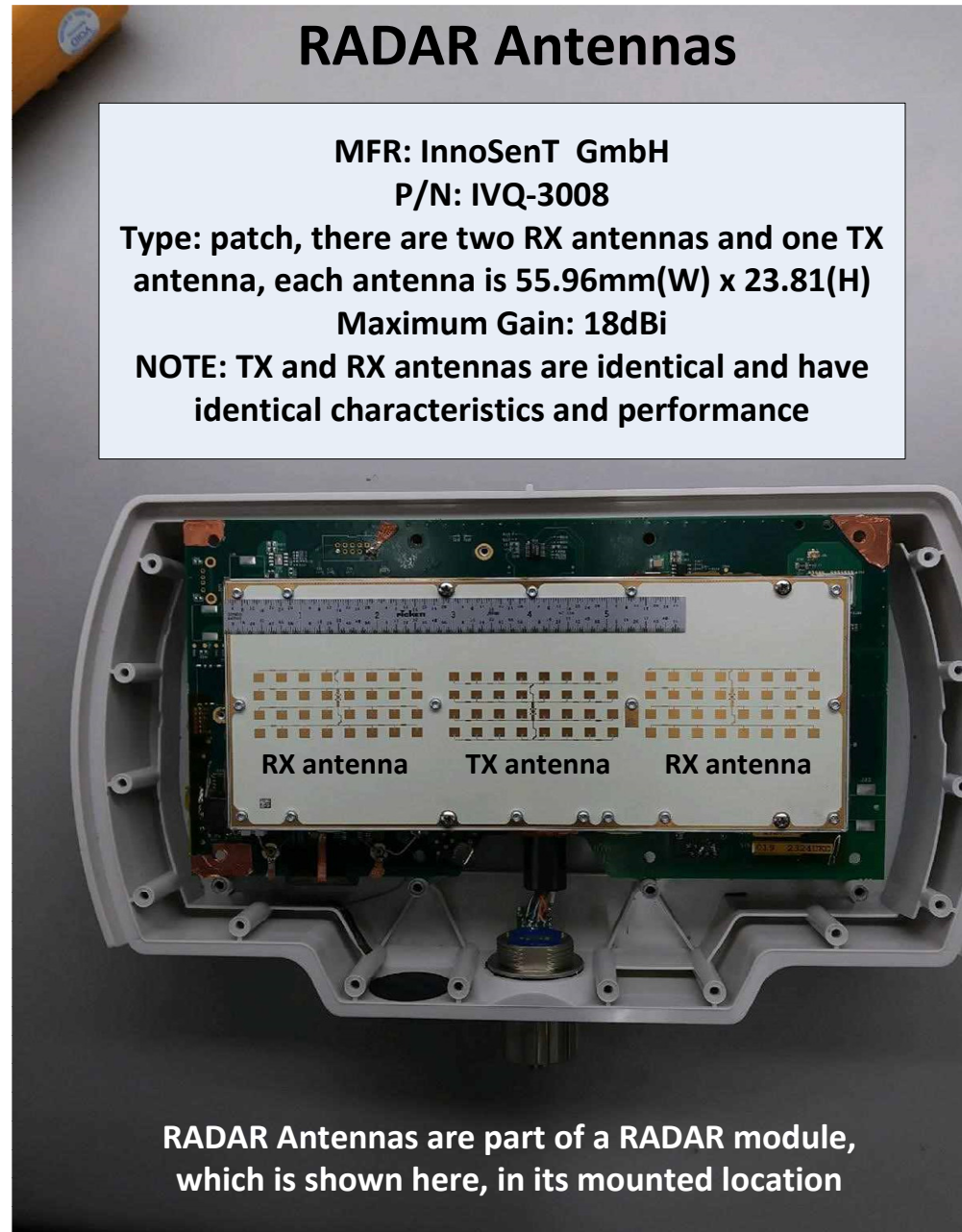
MFR: InnoSent GmbH

P/N: IVQ-3008

Type: patch, there are two RX antennas and one TX antenna, each antenna is 55.96mm(W) x 23.81(H)

Maximum Gain: 18dBi

NOTE: TX and RX antennas are identical and have identical characteristics and performance



RADAR Antennas are part of a RADAR module, which is shown here, in its mounted location

GPS Antenna

MFR: Taoglas Limited

P/N: AGGP.25F.07.0060A

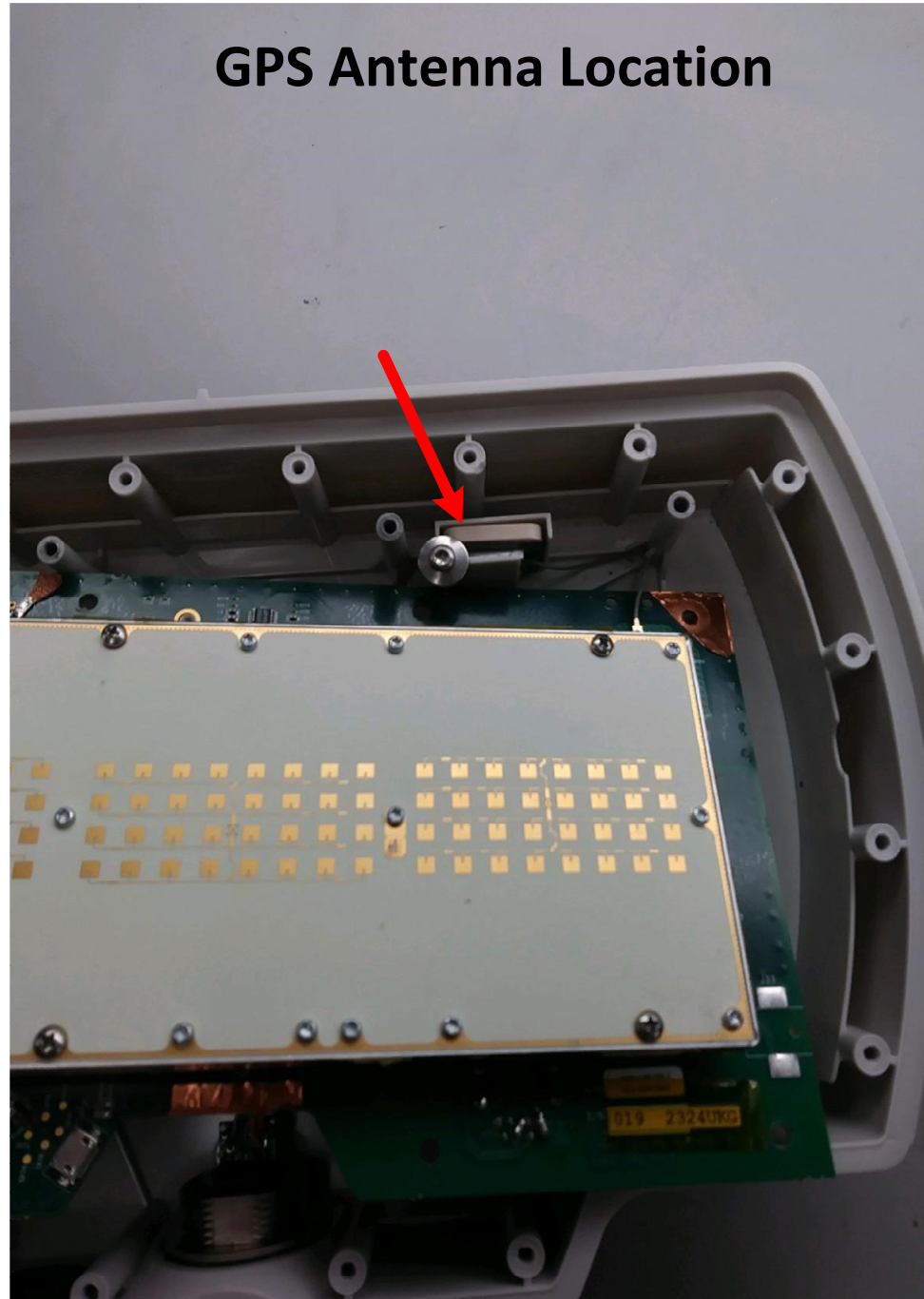
Type: ceramic patch, 25.1mm(L) x 25.1mm(W) x 7.4mm(T)

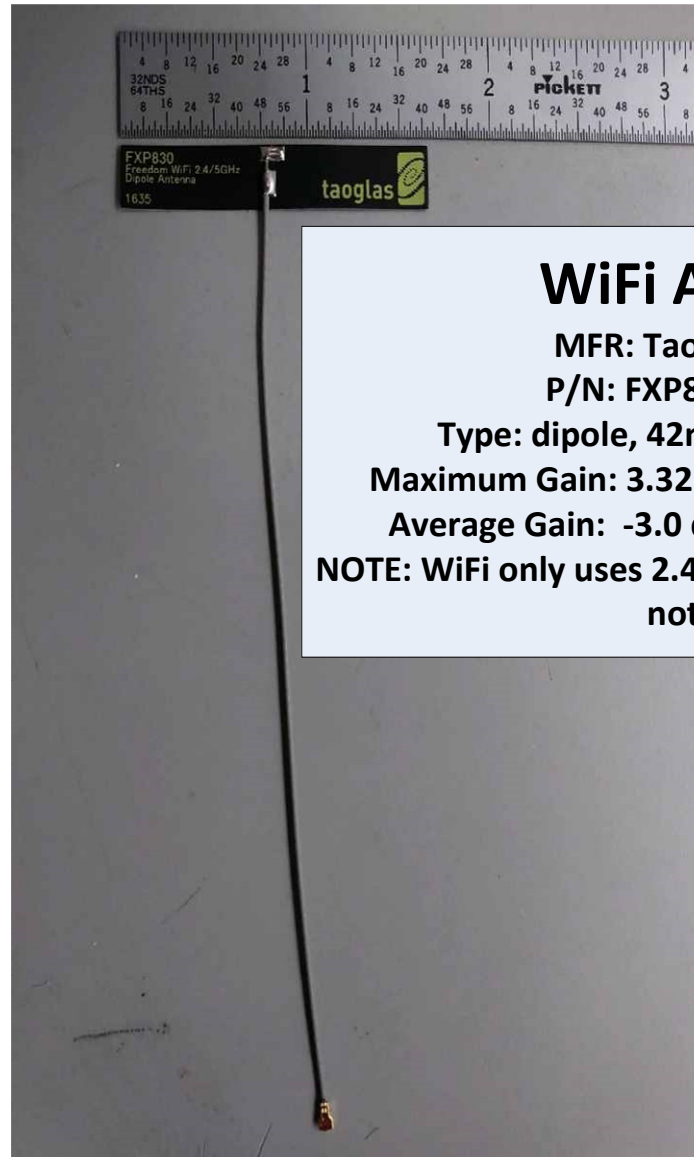
Maximum Gain at 90° : 26.5 dBic at 1575.42MHz

28 dBic at 1602MHz



GPS Antenna Location





WiFi Antenna

MFR: Taoglas Limited

P/N: FXP830.24.0100B

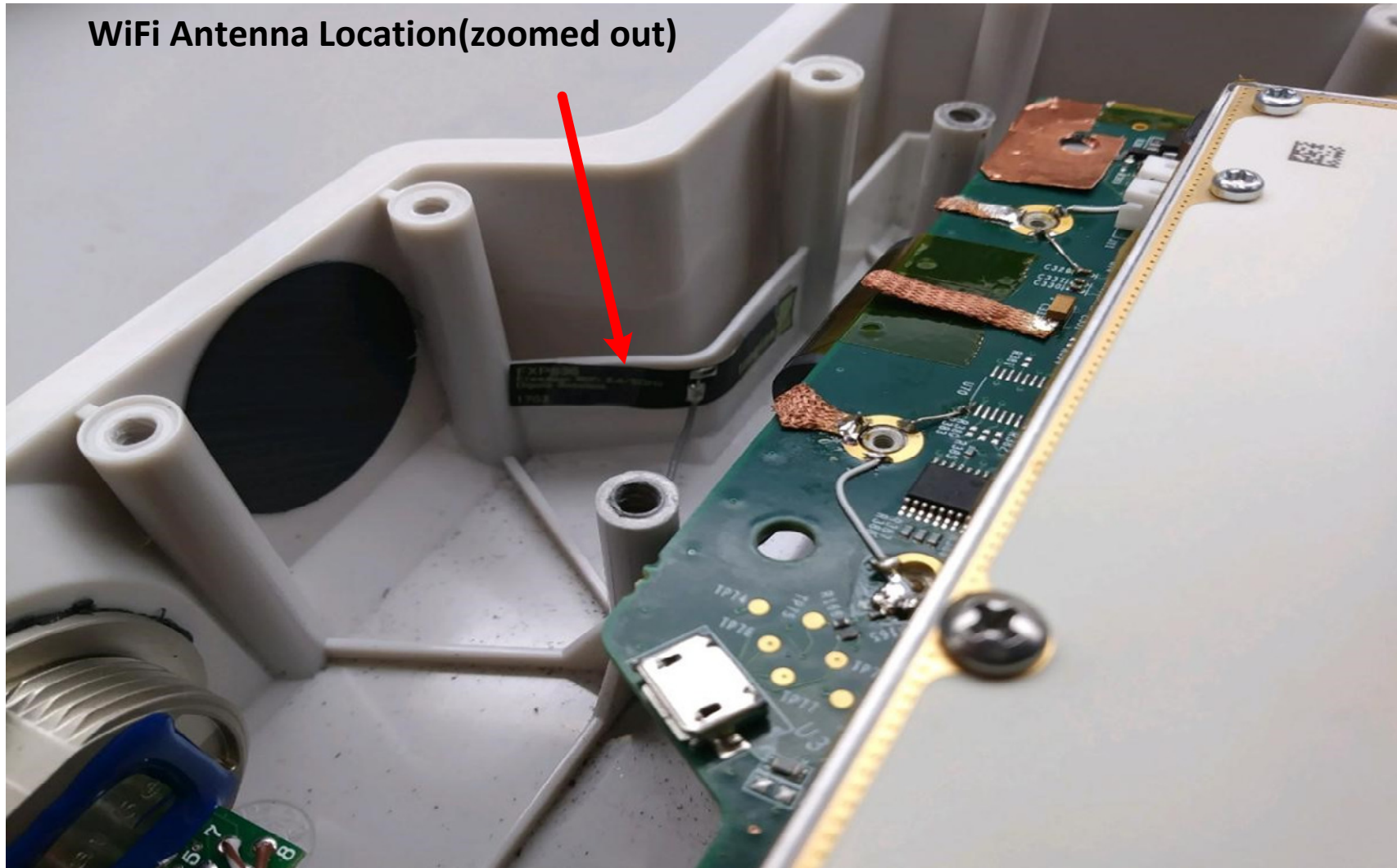
Type: dipole, 42mm x 7mm x 0.1mm

Maximum Gain: 3.32 dBi at 2.4GHz to 2.5GHz

Average Gain: -3.0 dBi at 2.4GHz to 2.5GHz

NOTE: WiFi only uses 2.4GHz bands. 5GHz bands are not used.

WiFi Antenna Location(zoomed out)



WiFi Antenna Location(zoomed in)

