

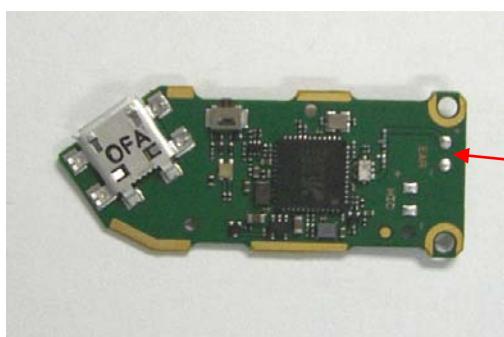
Antenna Information

Parameter	Performance
Antenna type	Wired Antenna
Total Frequency Range	2.400GHz – 2.4835 GHz
Nominal Impedance	50 Ohm
Return Loss	< 6 dB
Minimum radiating efficiency over frequency band in use position	-7.0 dBi, 20 %
Minimum conducted receiver sensitivity at antenna port	-85 dBm, 0.1% BER
Maximum conducted Power at antenna port	4.0dBm
Peak antenna Gain	0.5dBi
Receiver Sensitivity at 20° C	≤-84dBm @ 0.1% BER
Receiver Sensitivity at 55° C	≤-82 dBm @ 0.1% BER

The earpiece wire is used as a monopol antenna. The antenna is a wired antenna type with max Gain of 0.5 dBi.

Material of Antenna is copper AWG28 and Antenna is located in a necklace with earpiece.

How the antenna is connected to the transmitting circuit



Antenna connection to BT module