ANTENNA DIAGRAMS FOR MUB1 – BLUETOOTH

Kind of test item: UWB/BLE distance measurement module

Model name: MUB1

Manufacturer: Marquardt GmbH

Schloss-Str. 16

78604 Rietheim-Weilheim

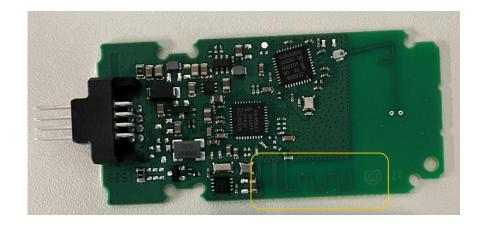
GERMANY

Frequency: ISM 2.4 GHz frequency band

Antenna: Integrated PCB meandered inverted F antenna

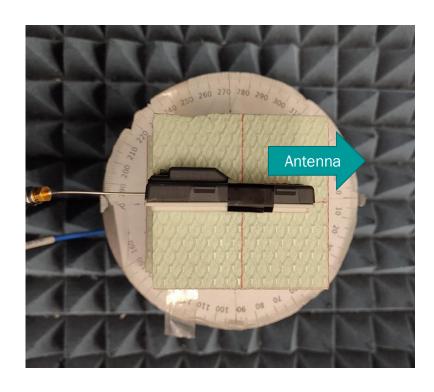
Test mode: EUT is connected to VNA (vector network analyzer) at BLE antenna feed

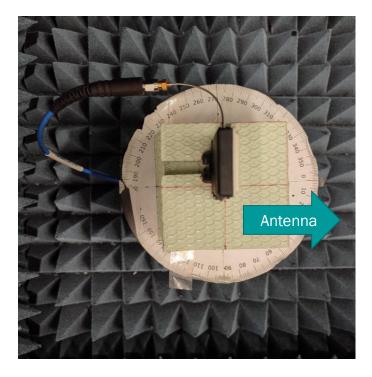
point with SMA stub. Gain is equal to EIRP, because reference power is 0 dBm.

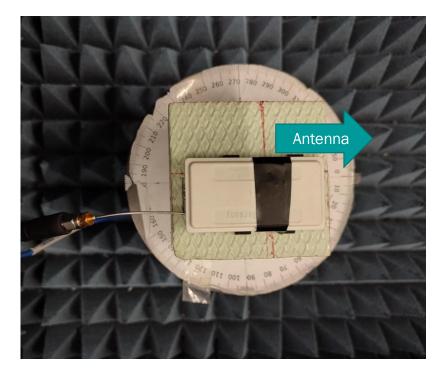




SAMPLE ORIENTATIONS W/ HOUSING



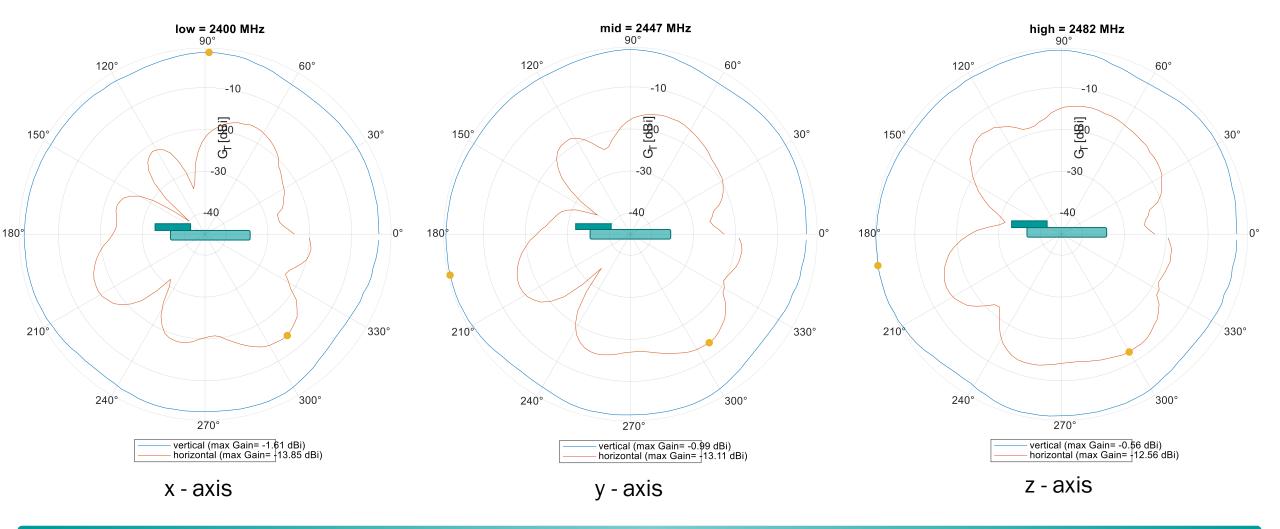




x - axis y - axis z - axis

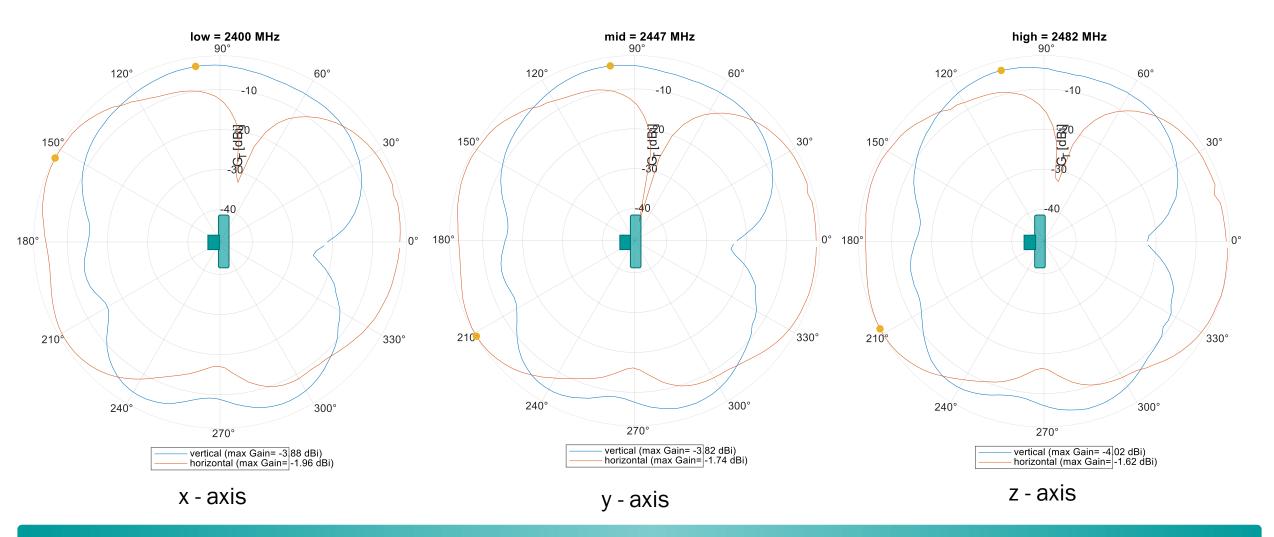


X-AXIS - GAIN/EIRP





Y-AXIS - GAIN/EIRP





Z-AXIS – GAIN/EIRP

