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Meccanografico AR007079

## Operational description

UDOO X86 Advanced Plus is a single board computer powered by 12V DC external power adapter.

The product provides radio connectivity via Bluetooth Low Energy transmission, developed following standard 4.0 rules and working at 2.402 – 2.480 GHz frequency range.

Radio communication and other functions were realized using Intel® Curie™ chip, named U51 in the schematic; this radio module uses the Frequency-Hopping Spread Spectrum (FHSS) channels management and realizes a GFSK type modulation on transmitted signal.

UDOO X86 uses an smd antenna code ANT016008LCD2442MA1 characterized by a maximum gain of 2,3 dBi @ 2,442 GHz.

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AREZZO



Qseven

MILAN



COM Express

FRANKFURT



SBC

BOSTON



ETX / XTX

BANGALORE



Carrier board

TAIPEI

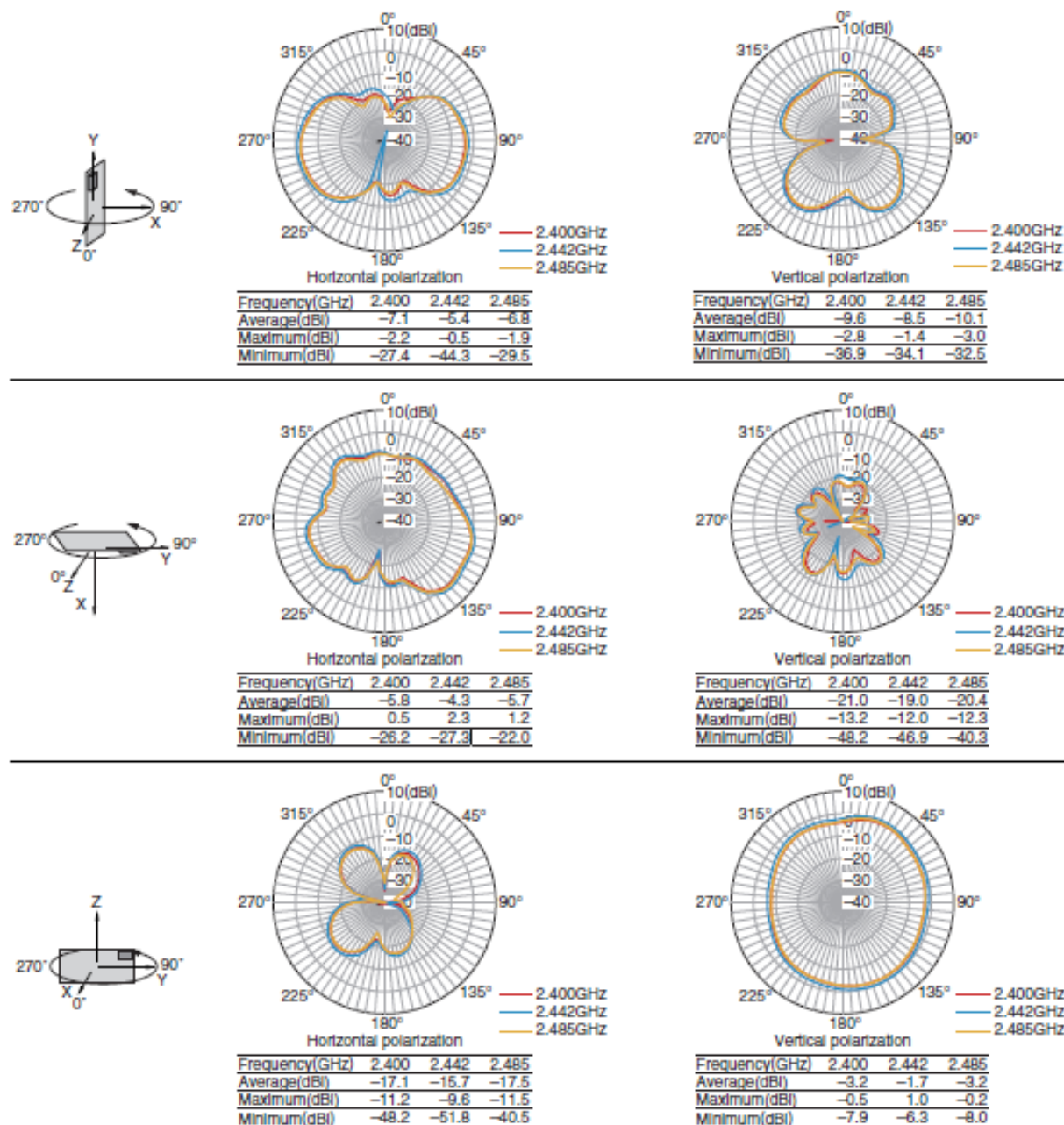


Services & Solutions

## ANT016008LCD2442MA1

## ■ RADIATION PATTERNS

## ■ 2.4GHz ISM BAND



• Tested antenna has been soldered. Evaluation board size is 120×65×1 mm.