



External

Antenna Technical Specifications & Operation Description, WV Universal 5 button remote (830-00289)

LoveHoney Group

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This Device is included Bluetooth Low Energy (version 5.0); designed for wireless communication in 2.4GHz ISM band and GFSK modulation. For more details refer to the user manual.

Image of the Antenna & Specifications:

Antenna Type: 29 AWG enameled copper wire ~31 mm length

Mounting: Soldered directly on PCB

Frequency range: 2.402 – 2.480 GHz

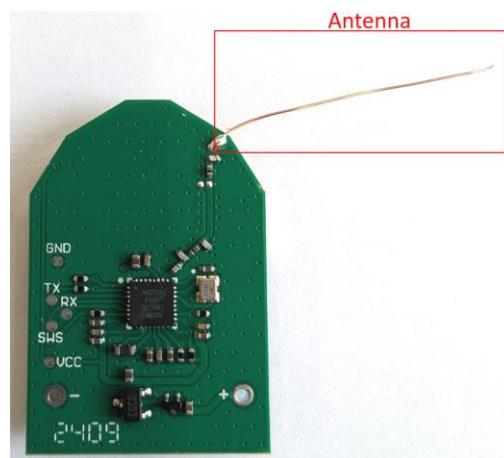


Figure 1: Antenna mounted on PCB

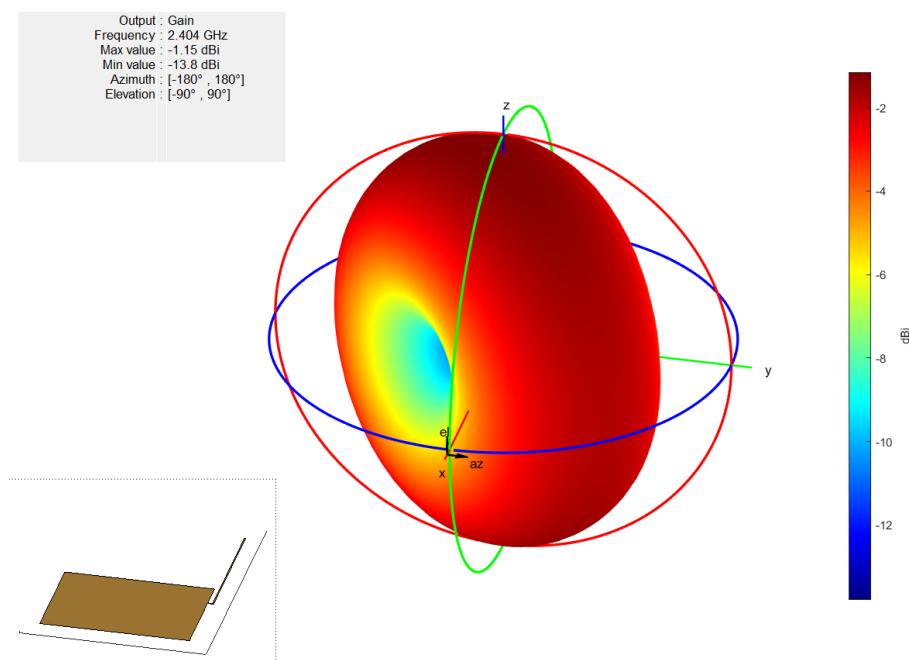
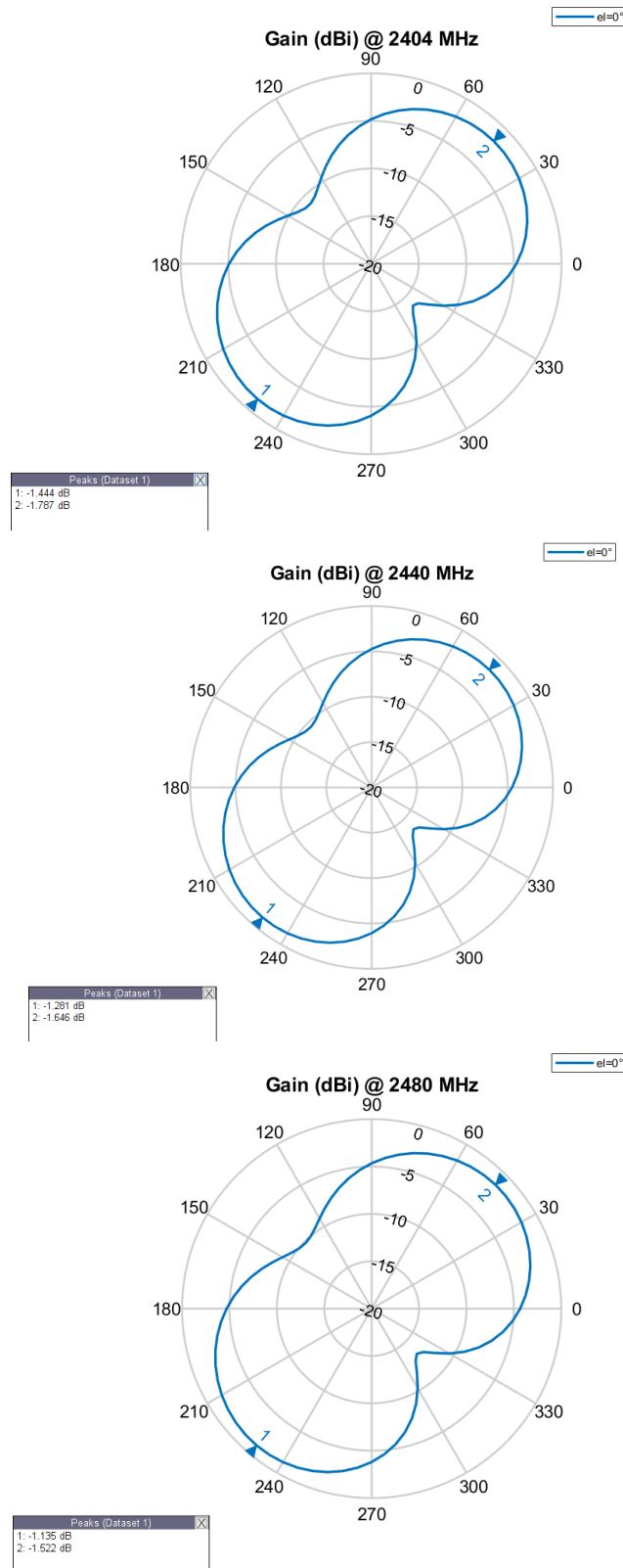
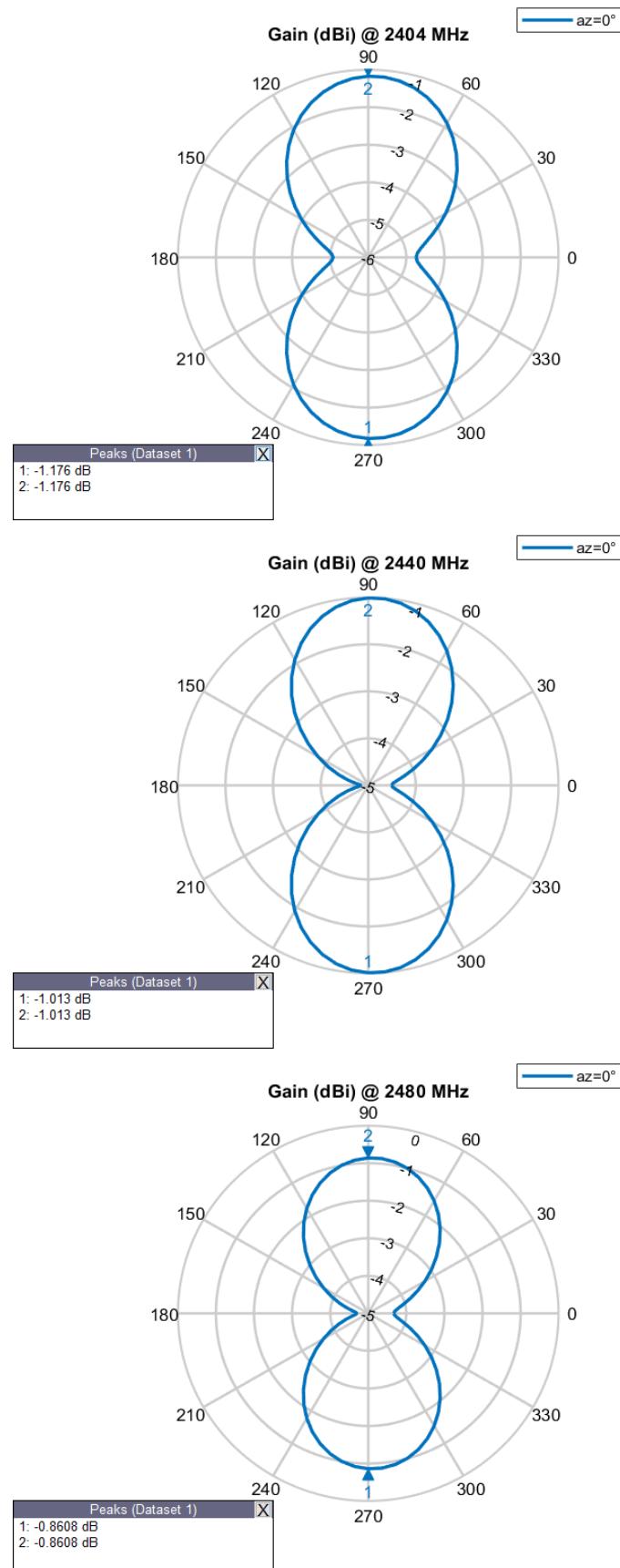


Figure 2: Antenna 3D radiation pattern & simulation (2404 MHz)

Antenna radiation patterns

Channel Frequency: 2404–2480 MHz with 2 MHz spacing





- Max Antenna Gain, -1.44 dBi at 2.404 GHz
- Chipset: AP2T21F40 with crystal CN4024M00012T1238010 24MHz.
- Manufacturer name: Shanghai Tomison Electronic Co.,Ltd.

Manufacturer address: Fengxian District No.1118 GongYe Rd, Shanghai

Revision Information

Rev	Date	Description
A	12.06.2024	Initial release. ET