

Technical Description

The Equipment Under Test (EUT) is a Parrot Cloud Camera with WiFi & 2.4GHz transmitter module operating at 2412-2462MHz for 802.11b/g/n-HT20, 11 channels with 5MHz channel spacing. The EUT was powered by AC adapter (Input: AC 100-240V, 50/60Hz, 0.35A, Output: DC 5V, 1.0A). For more detailed features description, please refer to the user's manual.

Antenna Type: Integral Antenna.

Antenna Gain: 2.0 dBi

Modulation Type: BPSK, QPSK, 16QAM, 64QAM, CCK, DQPSK, DBPSK.

The nominal conducted output power specified: 20.0dBm (Tolerance: +/-3dB).

The function of main component is mentioned as below.

- 1) U1 acts as Main IC.
- 2) U3 acts as main Data Cache.
- 3) U5、U8、U10、U20 acts as DC-DC converter.
- 4) U6、U7、U9、U11、U17、U21 acts as linear converter.
- 5) U4 acts as NAND Flash.
- 6) U16 acts as Audio Amplifier.
- 7) X2 is a 24MHz oscillator.
- 8) X1 is a 32.768 KHz oscillator.

In WiFi Module:

- 1) U13 acts as WiFi chip.
- 2) Y1 is a 26MHz oscillator.