

Technical Description

The equipment under test (EUT) is a Plant Petz with Bluetooth 5.2 (Single Mode EDR) function operating in 2402-2480MHz. The EUT is powered by DC 4.5V (3 x 1.5V AA batteries). For more detail information pls. refer to the user manual.

Antenna Type: Integral antenna

Modulation Type: GFSK, $\pi/4$ -DQPSK and 8-DPSK

Antenna Gain: 0dBi Max

Bluetooth Version: 5.2 (Single Mode EDR)

The normal radiated output power (e.i.r.p) is: -13.0dBm (tolerance: +/- 3dB).

The normal conducted output power is -13.0dBm (tolerance: +/- 3dB).

Channel List:

2402MHz to 2480MHz and the channel list with 1 MHz channel spacing.

Main Chip Function:

1. U1 is FLASH IC.
2. U2 is VOLTAGE REGULATOR IC.
3. U3 is MOTOR IC.
4. U4 is MCU.
5. U6 is Bluetooth RF IC.
6. Y1 is 26MHz OSC for U6.
7. U7 is MOISTURE SENSOR IC.
8. U8 is POWER AMP IC.

ANT Photo:

