

INTERTEK TESTING SERVICES

RF Exposure

The equipment under test (EUT) is MIMIMOTO PHONE TV with 2.4G wireless function. The EUT was powered by AC/DC adaptor with output: DC5.0V. For more detail information pls. refer to the user manual.

Modulation Type: GFSK.

Antenna Type: Integral antenna.

Antenna Gain: 2.0dBi.

The nominal conducted output power specified: 5.0dBm (Tolerance: +/- 2dB)

According to the KDB 447498:

The maximum tested conducted output power for the EUT is 6.38dBm in the frequency 2442MHz which is within the production variation.

The minimum tested conducted output power for the EUT is 5.57dBm in the frequency 2403MHz, 2478MHz which is within the production variation.

The maximum conducted output power specified is 7.0dBm = 5.0mW

The source-based time-averaging conducted output power

= 5.0 * Duty Cycle mW (where Duty Cycle < 100%)

< 5.0 mW

The SAR Exclusion Threshold Level:

= 3.0 * (min. test separation distance, mm) / sqrt(freq. in GHz)

= 3.0 * 5 / sqrt(2.478) mW

= 9.5 mW

Since the source-based time-averaging conducted output power is well below the SAR low threshold level, so the EUT is considered to comply with SAR requirement without testing.