

Technical Description

The equipment under test (EUT) is a Is Vertical CD BT Dock Micro System with BT function operating at 2.4GHz. The EUT is powered by AC 110-120V, 60Hz, 25W. For more detail information pls. refer to the user manual.

Channel List

2402	2403	2404	2405	2406	2407	2408	2409	2410
2411	2412	2413	2414	2415	2416	2417	2418	2419
2420	2421	2422	2423	2424	2425	2426	2427	2428
2429	2430	2431	2432	2433	2434	2435	2436	2437
2438	2439	2440	2441	2442	2443	2444	2445	2446
2447	2448	2449	2450	2451	2452	2453	2454	2455
2456	2457	2458	2459	2460	2461	2462	2463	2464
2465	2466	2467	2468	2469	2470	2471	2472	2473
2474	2475	2476	2477	2478	2479	2480		

Modulation Type: GFSK, π /4QPSK, 8DPSK

Bluetooth Version: 2.1 with EDR function

Antenna Type: Integral antenna

Antenna Gain: MAX2dBi

The nominal radiated output power (e.i.r.p) specified: 0dBm (Tolerance: +/- 3dB)

The function of main IC is mentioned as below.

- 1) BT110 acts as Bluetooth Module.
- 2) U1 acts as FLASH IC.
- 3) U14 acts as CD SDRAM IC.
- 4) U16 acts as CD Motor Driver IC.
- 5) U26 acts as CD MPEG IC.
- 6) U110 acts as iPod Authentication Coprocessor.
- 7) U111 acts as a FLASH IC..
- 8) U112 acts as a MCU IC..
- 9) U150 acts as FM-Tuner.
- 10) U151 acts as LDO IC.
- 11) U200,U201 acts as Audio amplifier IC
- 12) U203acts as Stereo Audio Processor IC
- 13) U301 acts as LCD driver IC.
- 14) U302 acts as LDO IC.
- 15) X110 is a 32.768KHz oscillator Chip.
- 16) Y1 is a 27MHz oscillator

In Bluetooth Module:

- 1) U5 acts as Bluetooth Chip.
- 2) Y1 is a 26MHz oscillator for Bluetooth Chip.