Technical Description

The equipment under test (EUT) is a Clock Radio Dock with BT and NFC. The EUT was powered by AC 120 V, 60 Hz. 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，∏/4DQPSK, 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: -4dBm (Tolerance: +/- 4dB)
The nominal conducted output power specified: -4dBm (Tolerance: +/-4dB)

The function of main IC is mentioned as below.

1) U1 acts as iPod Authentication Coprocessor.
2) U2 acts as Flash
3) U3 acts as FM-Tuner.
4) U4 acts as a MCU.
5) U5 acts as Stereo Audio Processor IC
6) U6 acts as LCD driver IC.
7) U7,U8 acts as Audio amplifier IC
8) BT1 acts as Bluetooth Module.

In Bluetooth Module:

1) U5 (BT) acts as Bluetooth Chip.
2) Y1BT）is a 26MHz oscillator for Bluetooth Chip.