

Technical Description

The Equipment Under Test (EUT) is a Bluetooth Speaker with Bluetooth 2.1 + EDR function, and it has an AUX INPUT Port. For more information, pls. refer to the user manual.

Antenna Type: Integral antenna

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

Frequency list (Unit: MHz):

| | | | | | | | | |
|------|------|------|------|------|------|------|------|------|
| 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 | | |

Main IC Function:

- 1) IC2 is stereo POWER Amplifier.
- 2) IC1-A, IC1-B are Class AB stereo headphone driver.
- 3) IC3 is Step-up DC/DC Convertor.
- 4) T1 is Standalone Linear Li-Ion Battery Charger IC.
- 5) U2 is Bluetooth Module.

U2 (F-3088) Module:

- 1) U1 is Bluetooth RF Chip.
- 2) U2 is 2-Wire Serial EEPROM.
- 3) U3 is 26MHz OSC for U1.
- 4) F1 is Band Pass Filter.