



Product Features

- ◆ OLED display for an easy glance of operating status, working frequency, gain and output power etc.;
- ◆ Local or remote setting on gain, working frequency and bandwidth; convenient to check UL or DL output power, working frequency, temperature alarm and ALC alarm;
- ◆ High linear SAW ensures high out-of-band rejection and minimal interference to base station system;
- ◆ Able to enhance signal coverage, reduce cell phone radiation and extend cell phone battery working time;
- ◆ MGC function, gain can be step-adjusted in the range of 1-31dB;
- ◆ ALC, auto control of output power ensuring stable signal coverage;
- ◆ MTBF can be up to 100000 hours.

Model List :

| MODEL | Frequency Range of Up link | Frequency Range of Down link |
|------------|-----------------------------|------------------------------|
| F43T-B1B3 | 1710 ~ 1785/1920 ~ 1980 MHz | 1805 ~ 1880/2110 ~ 2170 MHz |
| F43T-B1B8 | 890 ~ 915/1920 ~ 1980 MHz | 935 ~ 960/2110 ~ 2170 MHz |
| F43T-B3B8 | 890 ~ 915/1710 ~ 1785 MHz | 935 ~ 960/1805 ~ 1880 MHz |
| F43T-B4B5 | 824 ~ 849/1710 ~ 1755 MHz | 869 ~ 894/2110 ~ 2155 MHz |
| F43T-B2B5 | 824 ~ 849/1850 ~ 1910 MHz | 869 ~ 894/1930 ~ 1990 MHz |
| F43T-B1B7 | 1920 ~ 1980/2500 ~ 2570 MHz | 2110 ~ 2170/2620 ~ 2690 MHz |
| F43T-B3B7 | 1710 ~ 1785/2500 ~ 2570 MHz | 1805 ~ 1880/2620 ~ 2690 MHz |
| F43T-B7B20 | 832 ~ 862/2500 ~ 2570 MHz | 791 ~ 821/2620 ~ 2690 MHz |

Specification :

| Items | Uplink | Downlink |
|---|--|----------------------|
| Bandwidth (Frequency can be set by software) | 0.2~24 MHz | 0.2~24 MHz |
| Default operating frequency | Customer-specified frequency | |
| Output Power | 24±2dBm | 43±2dBm |
| Gain | Type 90±3dB | Type 95±3dB |
| Ripple | Type≤4 dB | Type≤4 dB |
| VSWR | ≤2 | ≤2 |
| ALC Active 10 dB | △ ≤2 dB | △ ≤2 dB |
| Max. Input Power Without Damage | 0dBm | 0dBm |
| Spurious Emission | 9KHz~1GHz | ≤-36 dBm |
| | 1GHz~12.75GHz | ≤-30 dBm |
| Out of Band Gain | Fully comply with 3GPP | |
| EVM | Fully comply with 3GPP | |
| PCDE | Fully comply with 3GPP | |
| ACRR | Fully comply with 3GPP | |
| Gain Attentute Range | 1~31 dB,step of 1 dB | |
| ALC control Range | ≥ 25 dB | ≥ 25 dB |
| Noise Figure@ max. gain | ≤6 dB | ≤6 dB |
| Time Delay | ≤9μs | ≤9μs |
| AGC Alarm | NotActive | — |
| | Active5~10dB | — |
| | Active≥25dB | — |
| Monitoring | Local | OLED & USB |
| | Remote | NMS Cloud Connection |
| Control | 1.UL&DL gain | |
| | 2. Frequency | |
| | 3.Bandwidth | |
| Monitoring | 1.Output power | |
| | 2.Temperature | |
| | 3.Alarms(Over output alarm, over temperature alarm,PLL | |
| Idle Shut-off Function | Available | |
| Real-time Self Oscillation Elimination Function | Available | |
| Shutoff Function | Available | |
| Power Supply | AC:220V | |
| RF Connector | N-Female | |
| Environment Conditions | IP65 | |
| Humidity | < 90% | |
| Operating Temperature | -10℃ ~ +50℃ | |
| Dimension | 490*410*210mm | |
| Weight | <28kg | |