



### 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             |
|--------------|---|--|
| W37T-B1B3B8  | 890 ~ 915/1710 ~ 1785/1920 ~ 1980 MHz   | 935 ~ 960/1805 ~ 1880 /2110 ~ 2170 MHz   |
| W37T-B1B3B5  | 824 ~ 849/1710 ~ 1785/1920 ~ 1980 MHz   | 869 ~ 894/1805 ~ 1880 /2110 ~ 2170 MHz   |
| W37T-B1B3B7  | 1710 ~ 1785/1920 ~ 1980/2500 ~ 2570 MHz | 1805 ~ 1880 /2110 ~ 2170/2620 ~ 2690 MHz |
| W37T-B2B4B5  | 824 ~ 849/1850 ~ 1910 /1710 ~ 1755 MHz  | 869 ~ 894/1930 ~ 1990/2110 ~ 2155 MHz    |
| W37T-B1B7B8  | 890 ~ 915/1920 ~ 1980/2500~2570 MHz     | 935 ~ 960/2110 ~ 2170/2620~2690 MHz      |
| W37T-B1B3B20 | 832 ~ 862/1710 ~ 1785/1920 ~ 1980 MHz   | 791 ~ 821/1805 ~ 1880 /2110 ~ 2170 MHz   |

**Specification :**

| Item                                   |  | Up link                      | Down link |
|--|--|------------------------------|-----------|
| frequency                              |  | Customer-specified frequency |           |
| Bandwidth                              |  | Customer-specified frequency |           |
| Output Power                           |  | 23±2 dBm                     | 37±2 dBm  |
| Gain                                   |  | 80±3 dB                      | 85±3 dB   |
| Ripple                                 |  | ≤4 dB                        | ≤4 dB     |
| Max. Input Power Without Damage        |  | -10 dBm                      | -10 dBm   |
| Spurious                               | 9KHz~1GHz  | ≤-36 dBm                     | ≤-36 dBm  |
| Emission                               | 1GHz~12.75GHz  | ≤-30 dBm                     | ≤-30 dBm  |
| Gain Attentute Range                   |  | 1~31 dB,step of 1 dB         |           |
| ALC control Range                      |  | ≥ 25 dB                      | ≥ 25 dB   |
| Monitoring                             | Local  | OLED & USB                   |           |
|  | Remote   | NMS Cloud Connection         |           |
| Local or Remote Control                | 1.UL&DL Gain   |                              |           |
|  | 2. Frequency   |                              |           |
|  | 3.Bandwidth  |                              |           |
| Local or Remote Monitoring             | 1.Output Power   |                              |           |
|  | 2.Temperature  |                              |           |
|  | 3.Alarms(Over Output Alarm, Over Temperature Alarm, PLL Alarm) |                              |           |
| Noise Figure@ max. gain                |  | ≤6 dB                        | ≤6 dB     |
| EVM                                    |  | Fully comply with 3GPP       |           |
| PCDE                                   |  | Fully comply with 3GPP       |           |
| ACRR                                   |  | Fully comply with 3GPP       |           |
| Idle Shut-off Function                 |  | Available                    |           |
| Real-time Self Oscillation Elimination |  | Available                    |           |
| Shutoff Function                       |  | Available                    |           |
| Time Delay                             |  | ≤5 μs                        | ≤5 μs     |
| Power Supply                           |  | AC: 220V                     |           |
| RF Connector                           |  | N-Female                     |           |
| Environment Conditions                 |  | IP 65                        |           |
| Working Humidity                       |  | < 90%                        |           |
| Working Temperature                    |  | -10℃ ~ +55℃                  |           |
| Size                                   |  | 490*410*210mm                |           |
| Weight                                 |  | <28kg                        |           |