



*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-B1B3	1710 ~ 1785/1920 ~ 1980 MHz	1805 ~ 1880/2110 ~ 2170 MHz
W37T-B1B8	890 ~ 915/1920 ~ 1980 MHz	935 ~ 960/2110 ~ 2170 MHz
W37T-B3B8	890 ~ 915/1710 ~ 1785 MHz	935 ~ 960/1805 ~ 1880 MHz
W37T-B4B5	824 ~ 849/1710 ~ 1755 MHz	869 ~ 894/2110 ~ 2155 MHz
W37T-B2B5	824 ~ 849/1850 ~ 1910 MHz	869 ~ 894/1930 ~ 1990 MHz
W37T-B1B7	1920 ~ 1980/2500 ~ 2570 MHz	2110 ~ 2170/2620 ~ 2690 MHz
W37T-B3B7	1710 ~ 1785/2500 ~ 2570 MHz	1805 ~ 1880/2620 ~ 2690 MHz
W37T-B7B20	832 ~ 862/2500 ~ 2570 MHz	791 ~ 821/2620 ~ 2690 MHz

**Specification :**

Item		Up link	Down link
frequency		Customer-specified frequency	
Bandwidth		Customer-specified frequency	
Output Power		24±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	