



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-B1B3B8	890 ~ 915/1710 ~ 1785/1920 ~ 1980 MHz	935 ~ 960/1805 ~ 1880 /2110 ~ 2170 MHz
F43T-B1B3B5	824 ~ 849/1710 ~ 1785/1920 ~ 1980 MHz	869 ~ 894/1805 ~ 1880 /2110 ~ 2170 MHz
F43T-B1B3B7	1710 ~ 1785/1920 ~ 1980/2500 ~ 2570 MHz	1805 ~ 1880 /2110 ~ 2170/2620 ~ 2690 MHz
F43T-B2B4B5	824 ~ 849/1850 ~ 1910 /1710 ~ 1755 MHz	869 ~ 894/1930 ~ 1990/2110 ~ 2155 MHz
F43T-B1B7B8	890 ~ 915/1920 ~ 1980/2500~2570 MHz	935 ~ 960/2110 ~ 2170/2620~2690 MHz
F43T-B1B3B20	832 ~ 862/1710 ~ 1785/1920 ~ 1980 MHz	791 ~ 821/1805 ~ 1880 /2110 ~ 2170 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	Δ ≤2 dB	Δ ≤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	—	Green
	Active5~10dB	—	Orange
	Active≥25dB	—	Red
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	698*500*225mm		
Weight	< 38kg		