

W37T-WCDMA-VODACOM

Items		Uplink	Downlink
Frequency Range		1920 ~ 1935 MHz	2110 ~ 2125 MHz
BandWith		15 MHz	15 MHz
Output Power		27±2 dBm	37±2 dBm
Gain		85±2 dB	90±2 dB
Ripple		≤2 dB/3.84MHz	≤2 dB/3.84MHz
ATT step of 1dB	1 ~ 10dB	Δ ≤1 dB	Δ ≤1 dB
	10 ~ 20dB	Δ ≤1 dB	Δ ≤1 dB
	20 ~ 30dB	Δ ≤1.5 dB	Δ ≤1.5 dB
ALC Active 10dB		Δ ≤2 dB	Δ ≤2 dB
Out of Band Gain	2.7≤f<3.5MHz	≤ 60 dB	≤ 60 dB
	3.5≤f<7.5MHz	≤ 50 dB	≤ 50dB
	7.5≤f<12.5MHz	≤ 45 dB	≤ 45 dB
	12.5≤f	≤ 40 dB	≤ 40 dB
Max. Input Power Without Damage		-10 dBm	-10 dBm
Intermodulation Products		≤ -45 dBc	≤ -45 dBc
Spurious Emission	9KHz~1GHz	≤ -36 dBm	≤ -36 dBm
	1GHz~12.75GHz	≤ -30 dBm	≤ -30 dBm
Noise Figure @ max. gain		≤5 dB	≤5 dB
VSWR		≤1.5	≤1.5
Time Delay		≤5 μs	≤5 μs
Error Vector Magnitude (EVM)		< 12.5 %	
Peak Code Domain Error (PCDE)		<- 35 dB	
Power Indication	Power ON	Green	
	Power OFF	No Light	
Alarm Indication	Normal	Green	
	Alarm	Red	
Monitoring and control	Local	RS232	
	Remote	GSM Modem	
Local Control Or Remote Control		1.Repeater Info	
		2.UL&DL Gain	
		3.Over Output Power Alarm Level Limit	
		4.Temperature Alarm Level Limit	
Local Monitoring Or Remote Monitoring		1.Output Power	
		2.Temperature	
		3.Alarms(Over Output Alarm, Over Temperature Alarm,	



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Items	Uplink	Downlink
	Power Supply Alarm, PLL Unlock)	
Power Supply	AC 220V±20%, 50-60Hz	
Power Consumption	≤120W	
RF Connector	N-Female	
Environment Conditions	IP65	
Humidity	< 90%	
Operating Temperature	-10°C~+55°C	