

W20-WCDMA-Vodacom

Items		Uplink	Downlink
Frequency Range		1920-1935 MHz	2110-2125 MHz
Output Power		15±2 dBm	20±2 dBm
Gain		65±2 dB	70±2 dB
Ripple		≤2 dB/3.84MHz	≤2 dB/3.84MHz
VSWR		≤2	≤2
Max. Input Power Without Damage		-10 dBm	-10 dBm
Out of Band Gain (WCDMA)	2.5≤f<3.5MHz	≤ 60dB	≤ 60dB
	3.5≤f<7.5MHz	≤ 45dB	≤ 45dB
	7.5≤f<12.5MHz	≤ 45dB	≤ 45dB
	12.5 MHz≤f	≤ 35dB	≤ 35dB
Intermodulation Products		≤-30 dBm	≤-30 dBm
Spurious Emission	9KHz~1GHz	≤-36 dBm	≤-36 dBm
	1GHz~12.75GHz	≤-30 dBm	≤-30 dBm
EVM		≤ 12.5%	≤ 12.5%
PCDE		≤ -35dB	≤ -35dB
ACRR	5MHz	≥ 20dB	≥ 20dB
	10MHz	≥ 20dB	≥ 20dB
ATT step of 1 dB	1~10 dB	Δ ≤1 dB	Δ ≤1 dB
	10~20 dB	Δ ≤1 dB	Δ ≤1 dB
	20~25 dB	Δ ≤1.5 dB	Δ ≤1.5 dB
ALC Active 10dB		Δ ≤2 dB	Δ ≤2 dB
LED Indication	Power ON	Green	
	Power OFF	No Light	
Alarm	ALC not Active	—	Green
	ALC Active 5~10dB	—	Orange
	ALC Active 15~20dB	—	Red
Noise Figure @ max. gain		≤6 dB	≤6 dB
Time Delay		≤5 μs	≤5 μs
Power Supply		DC: 12 V / 3 A	
RF Connector		N-Female	
Humidity		< 90%	
Operating Temperature		-10°C ~ +55°C	