

# W20-LTE1800-vodacom

Items		Uplink	Downlink
Frequency Range		1760.3 ~ 1772.3 MHz	1855.3 ~ 1867.3 MHz
Output Power		15±2 dBm	20±2 dBm
Gain		65±2 dB	70±2 dB
Ripple		≤4 dB	≤4 dB
VSWR		≤2	≤2
Max. Input Power Without Damage		-10 dBm	-10 dBm
Intermodulation Products		≤-30 dBm	≤-30 dBm
Spurious Emission	9KHz~1GHz	≤-36 dBm	≤-36 dBm
	1GHz~12.75GHz	≤-30 dBm	≤-30 dBm
Out of Band Gain	±600 KHz	≤40 dB	≤40 dB
	±1 MHz	≤35 dB	≤35 dB
	±5 MHz	≤25 dB	≤25 dB
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	
ALC Alarm	Not Active	—	Green
	Active 5~10dB	—	Orange
	Active 15~20dB	—	Red
Noise Figure@ max. gain		≤6 dB	≤6 dB
Time Delay		≤5 μs	≤5 μs
Power Supply		DC +12 V	
Power Consumption		< 25 W	
RF Connector		N-Female	
Operating Temperature		-10°C ~ +55°C	