

W33-GSM-VODACOM

Items		Uplink	Downlink
Frequency Range		890.1 ~ 901.1 MHz	935.1 ~ 946.1 MHz
Bandwidth		11 MHz	11 MHz
Output Power		24±2dBm	33±2dBm
Gain		80±3dB	85±3dB
Ripple		≤4 dB	≤4 dB
VSWR		≤2	≤2
Max. Input Power Without Damage		-10 dBm	
Out of Band Gain	± 600 KHz	≤ 50 dB	≤ 50 dB
	± 1 MHz	≤ 45dB	≤ 45dB
	± 5 MHz	≤ 40 dB	≤ 40 dB
Intermodulation Products		≤-45 dBc	≤-40 dBc
Spurious Emission	9KHz~1GHz	≤-36 dBm	≤-36 dBm
	1GHz~12.75GHz	≤-30 dBm	≤-30 dBm
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 20dB		Δ ≤2 dB	Δ ≤2 dB
LED Indication	Power ON	Green	
	Power OFF	No Light	
Alarm	ALC not Active	—	Green
	ALC Active 5~10 dB	—	Orange
	ALC Active 15~20dB	—	Red
Noise Figure @ max. gain		≤6 dB	≤6 dB
Time Delay		≤5 μs	≤5 μs
Power Supply		DC 12V	
Power Consumption		≤75 W	
RF Connector		N-Female	
Environment Conditions		IP40	
Humidity		< 90%	
operating Temperature		-10°C ~ +55°C	