

W15-GDW							
Item		GSM900		DCS1800		WCDMA	
Frequency Range	Uplink	890.1 – 901.1 MHz		1760.3-1772.3 MHz		1920-1935MHz	
	Downlink	935.1 – 946.1MHz		1855.3-1867.3 MHz		2110-2125MHz	
Output Power		UL ≥ 10dBm;DL ≥ 15dBm					
Max.Gain		UL ≥ 65dB;DL ≥ 65dB					
Manual Gain Control		31dB in step of 1dB					
Frequency Stability		≤ 0.01 ppm					
Auto Level Control		≥ 20dB					
Gain Flatness		≤ 3dB			≤ 2dB/3.84MHz		
Out of band gain	±400KHz	<50dB	±400KHz	<50dB	2.7 ≤ f_offset < 3.5MHz	<60dB	
	±600KHz	<40dB	±600KHz	<40dB	3.5 ≤ f_offset < 7.5MHz	<45dB	
	±1MHz	<35dB	±1MHz	<35dB	7.5 ≤ f_offset < 12.5MHz	<45dB	
	±5MHz	<25dB	±5MHz	<25dB	12.5 ≤ f_offset	<35dB	
Intermodulation Products		≤ -36dBm (9KHz~1GHz)			Comply with 3GPP TS 25.106		
		≤ -30dBm(1GHz~12.75GHz)					
Spurious Emission		≤ -36dBm (9KHz~1GHz)			Comply with 3GPP TS 25.106		
		≤ -30dBm(1GHz~12.75GHz)					
Modulation Accuracy		---		---		≤ 12.5%	
Peak Code Domain Error		---		---		≤ -35dB@Spreading Factor 256	
ACRR		---		---		30dB@±5MHz& ±10MHz	
Max.Input Power		0dBm		0dBm		8dBm	
Frequency Stability		≤ 0.01ppm					
Noise Figure		<7dB					
Group Delay		<4.5uS					
VSWR		≤ 2.0					
MBTF		> 50000 hours					
LED indication	Power LED	Power ON/OFF					
	AGC LED	1-5dB: Orange ; 20-25dB: Red					
Mechanical Specification		specification					
I/O Port		N-Female					
Impedance		50 ohm					
Dimensions (D×W×H)		300*268*116mm					
Weight		≤ 9Kg					
Operating Temperature		-10℃~55℃					
Humidity		5% - 95%					
Environment Conditions		IP40					
Power Supply		AC164~285V, 50/ 60Hz					
Switch		Power Switch					