

20~24 dBm Triple Band Selective Repeater with OMT

- Hutsin 20dBm 70dB high power easy to cover 600-1000 m2 and easy to install.
- Hutsin Digital ALC technology, auto limit the output power to ensure stable signal coverage.
- OLED display of system operating status such as frequency, gain, output power and isolation.
- Anti-interference, real time auto ISO detection and Self Oscillation Elimination keeping base station away from interference.
- Able to increase signal coverage, decrease mobile phone radiation, and increase mobile phone battery lifespan.

Specifications :

Part No.	6010100004	
Model	Uplink	Downlink
Frequency Bands	890 -915 MHz/ 1710 - 1785 MHz	935 - 960 MHz/ 1805 - 1880 MHz
	1920 -1980 MHz	2110 -2170 MHz
	890 - 915 MHz (2 bands)	935 - 960 MHz (2 bands)
	1710 - 1785 MHz/ 1920 - 1980 MHz	1805 -1880 MHz/ 2110 - 2170 MHz
Max.Gain	60 - 70 dB	60 ~ 70 dB
Bandwidth	available upon request	
Manual Gain Control	31dB in step of 1dB	
Automatic Gain Control	> 20dB	
Ripple in Band	≤3dB(Typical)	
Out of Band Gain	± 400 KHz ≅ 50 dB	
	± 600 KHz ≅ 40 dB	
	± 1 MHz ≅ 35 dB	
	± 5 MHz ≅ 25 dB	
Max. Input Power Without Damage	0 dBm	
Output Power	15 ~ 17 dBm	20 ~ 24 dBm
Intermodulation Products	≅ -36 dBm	≅ -36 dBm
	≅ -30 dBm	≅ -30 dBm
Spurious Emission	≅ -36 dBm	≅ -36 dBm
	≅ -30 dBm	≅ -30 dBm

Spurious Emission Mask(WCDMA)	Complies with 3GPP TS 25.106
Modulation Accuracy(WCDMA)	Complies with 3GPP TS 25.106
Peak Code Domain Error(WCDMA)	Complies with 3GPP TS 25.1062
ACRR(WCDMA)	≥ 30dB @ ±5MHz & ±10MHz
Frequency Stability	≤0.01 ppm
Noise Figure @ max. gain	≅ 8 dB(Typical)
Return loss	≅ -10 dB
Time Delay	≅ 4.5 μs
MTBF	> 50000 hours
Power Supply	AC: 90~265V, 50/ 60Hz; DC: 9V 10A
Power Consumption	< 65W
Impedance	50 ohm
Input Signal Level	At the edge of green and orange (-50dBm or more)
	Green
	>1-5dB range: Orange;>20dB: Red

Product Image:



Application diagram:

