

Dual Band Repeater Test Report [CRD-ACU10]

1. Specification

No.	Parameters		Specifications		Remarks
			Downlink	Uplink	
1	Frequency Range	US-PCS	1930~1990 MHz	1850 ~ 1910 MHz	B.W :60MHz
		CDMA800	869 ~ 894 MHz	824 ~ 849 MHz	B.W :25MHz
2	Input Power Range		-65 ~ -55dBm	-102 ~ -60dBm	
3	Output Power	US-PCS	+7dBm (Max.)		@+4dBm/ Tone
		CDMA800	+10dBm (Max.)		@-3dBm/ FA
4	Max. Gain	US-PCS	60dB ±2dB		
		CDMA800	65dB ±2dB		
5	Gain Flatness	US-PCS	≤ 10dB (peak to peak)		Customizable Upon Request
		CDMA800	≤ 5dB (peak to peak)		-
6	IMD Products (ETS300 6094 /GSM11.26)	US-PCS	≤ -36dBm/3KHz		In Band
			9KHz~1GHz : ≤ -36dBm/3KHz		Out Band
			1GHz~12.75GHz : ≤ -30dBm/3KHz		
7	Spurious Emission	CDMA800	≥45 dB @ fo±750KHz (Δmarker : 29dB), RBW : 30KHz ≥60dB @ fo±1.98MHz (Δmarker: 44dB), RBW : 30KHz		
8	Noise Figure		≤ 9.0dB		
9	Tx/Rx Isolation		≥ 80dB		
10	Time Delay		< 3.0μs		
11	Impedance		50Ω		

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12	RF Connector	SMA-Type (Female)	
13	Power Supply	DC 5V/ 1.7A	External Adapter
14	Operating Temperature	-5°C ~ +60°C	
15	Operating Humidity	5% ~ 85%	
16	Dimension (WxHxD)	125mm x 104mm x 43 mm	Without Connector
17	Application	In Door	