

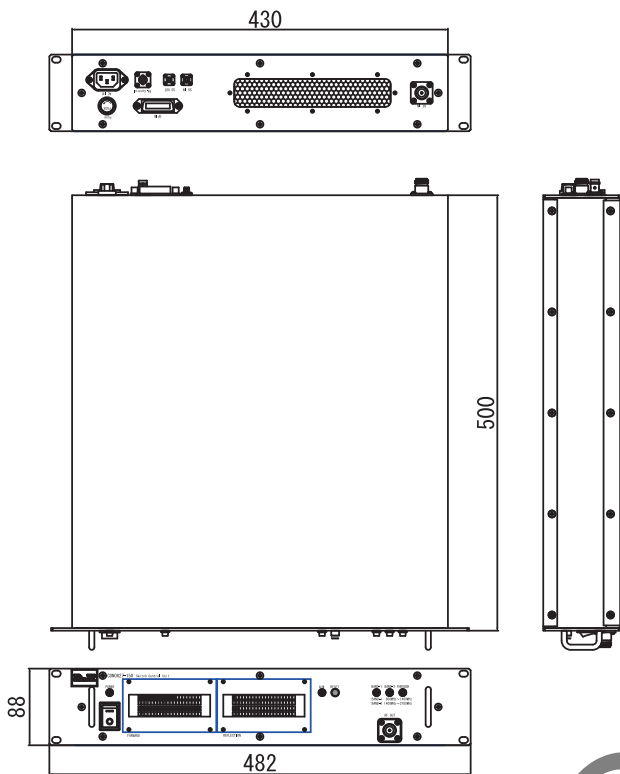
# 150W POWER CONTROLLER for Near-Field-Emission Measurement



## R&K CON0827-150W-R

### OUTLINE DRAWING

※IN MILLIMETERS



- Frequency Range : BAND1 800MHz~1400MHz  
BAND2 1400MHz~2700MHz  
THROUGH
- Input Power : 150W peak (max)  
75W ave. (digital)
- Output Power : 150W peak (max)  
75W ave. (digital)
- 19" -2U Size : 88mm (Height)

### SPECIFICATIONS

#### CONNECTORS

Signal Generator Input	: SG in (SMA-female)	rear
Signal Output	: SG out (SMA-female)	rear
RF Power Input	: RF in (N-female)	rear
RF Power Output	: RF out (N-female)	front
PA ON/OFF Control	: PA.Control(BNC-female)	rear

#### DISPLAY

Power LED		
Alarm LED		
BAND INDICATE LED	: BAND1/BAND2/THROUGH	
LCD DISPLAY (with BAR Graph)	: FORWARD	Average Power Peak Power
	: REFLECTION	Average Power Peak Power

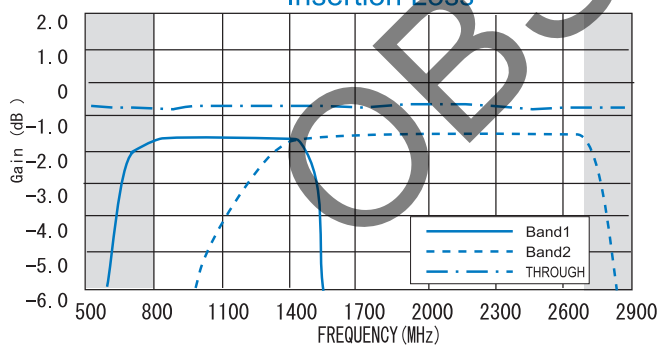
#### CONTROL

RESET SWITCH	
Automatic Band Select	
Automatic Fwd. Power Control	
Automatic Ref. Power Control	

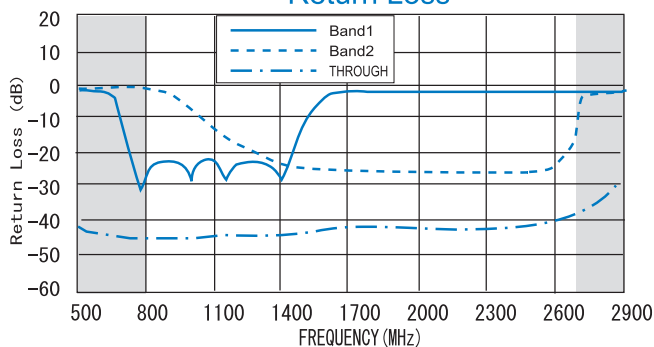
AC Suply Input	: AC 100V~240V 50/60Hz
RF Power Input Return LOSS	: 15dB (typ)
RF Power Output Return LOSS	: 15dB (typ)
GPiB Control	: Option

### TYPICAL PERFORMANCE (Temp @+25°C)

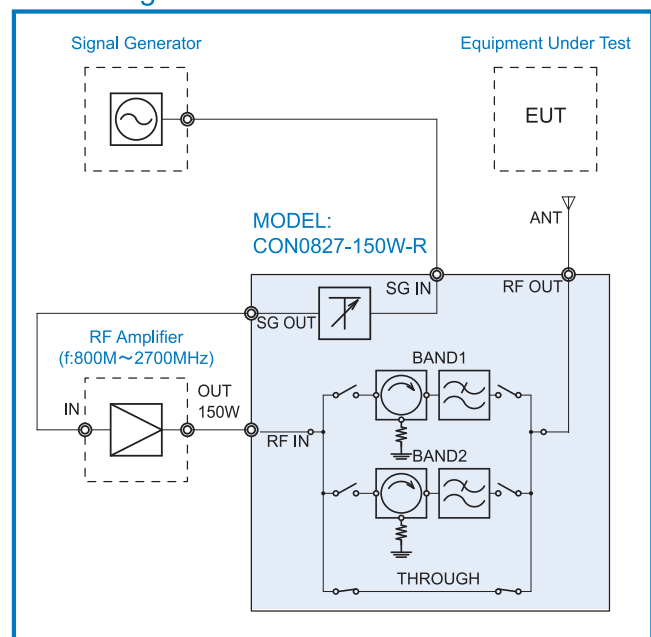
#### Insertion Loss



#### Return Loss



### Block Diagram



R&K reserves the right to make changes in the specifications of or discontinue products at any time without notice. R&K products shall not be used for or in connection with equipment that requires an extremely high level of reliability and safety such as aerospace uses or medical life support equipment. Further, R&K cannot export products to any country for use in military or defense applications.

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