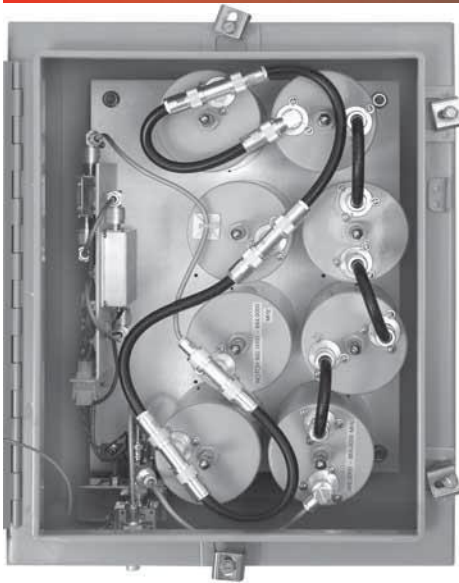
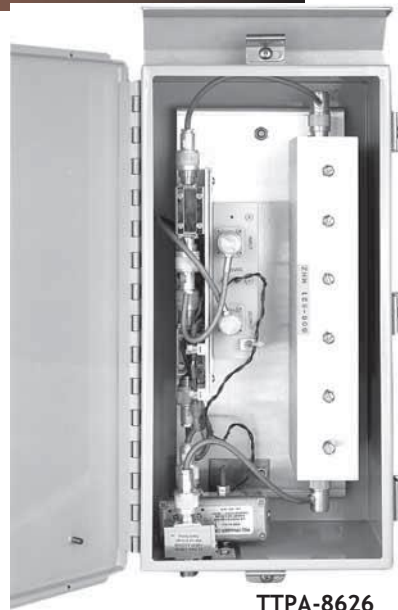


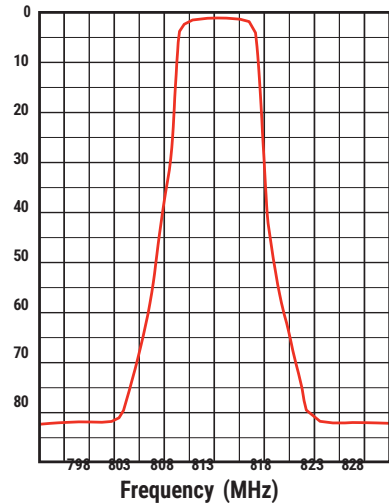
# TTPA-8626, 8644, 8648

## TOWER TOP PREAMPLIFIER / PRESELECTOR


**TTPA-8648**

**TTPA-8626**

ELECTRICAL SPECIFICATIONS		
Frequency range	806-960 MHz	
System gain (typ)	15 dB to 17 dB	
Preselector Bandwidth (MHz)	5, 6, 10, 15, 20	
Noise figure	<b>Bipolar</b>	<b>PHEMT</b>
	2.7 dB	1.2 dB
3rd order intercept Point	+35 dBm	+33 dBm
Redundancy	Hybrid combined redundant pair with tower top bypass relay	
DC Input Voltage	+15 VDC / 280 mA (+12 VDC opt.)	
Input VSWR	<1.3:1	
Lightning protection	Impulse suppressor type	
Temperature range	-40°C to +70°C	
MECHANICAL SPECIFICATIONS		
Dimensions	HWD in. (cm)	
10, 15, 20 MHz BW	16 x 8 x 6 (40.6 x 30.3 x 15.2)	
5, 6 MHz BW	16 x 16 x 8 (40.6 x 40.6 x 30.3)	
Weight: Tower box lb. (kg)	39 (17.7)	
Connector type	N-Type, gold center pin	
Finish: Tower box	NEMA 4 - Gray polyester powder coat	

Optional sampling port available, connected to input of preselector for tower-top effective sensitivity measurements. Requires extra coax run.

**TPCP-8648**  
**Filter Type: Pass Cavity**

**TPCP-8626**  
**Filter Type: Combine**
