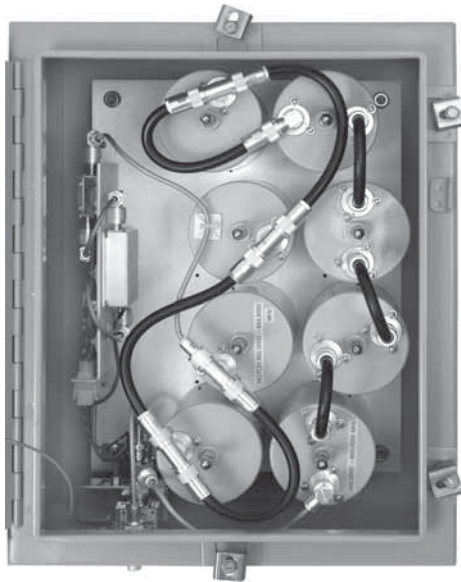
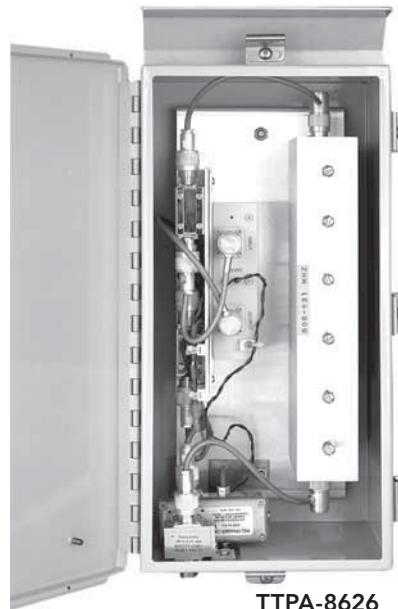
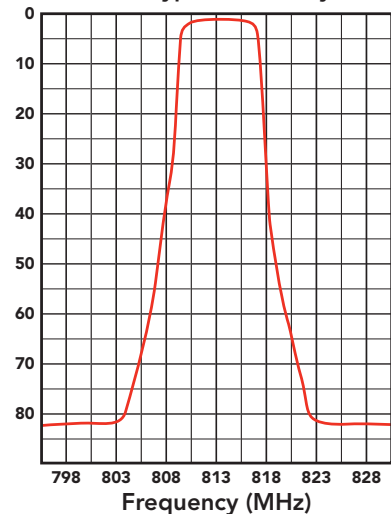
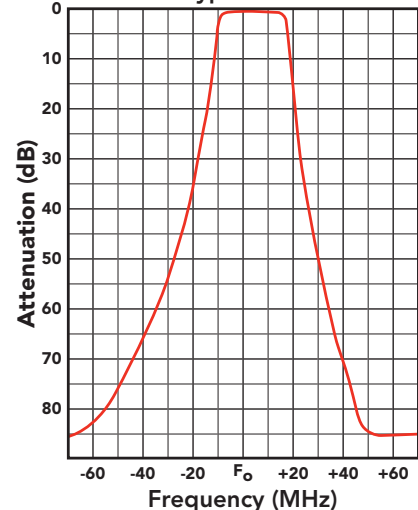


TTPA-8626, 8644, 8648

TOWER TOP PREAMPLIFIER / PRESELECTOR


TTPA-8648

TTPA-8626
TPCP-8648
 Filter Type: Pass Cavity

TPCP-8626
 Filter Type: Combine


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	Bipolar	PHEMT
	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.