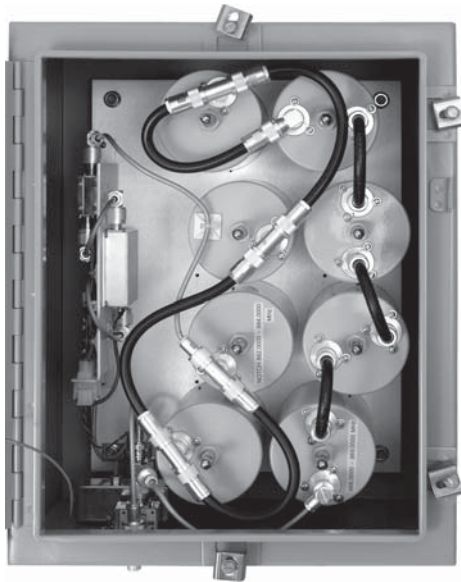
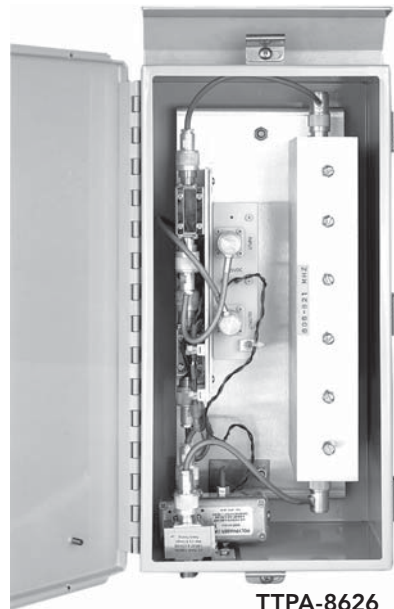
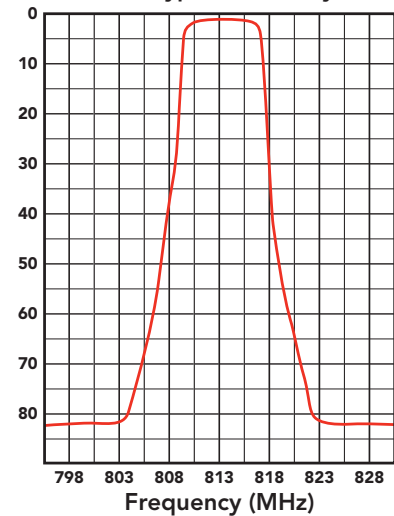
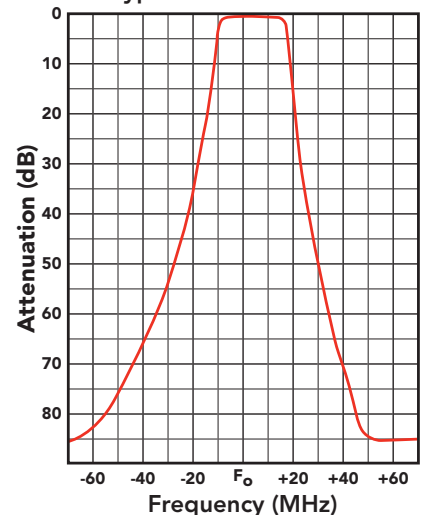


TTPA-8626, 8644, 8648, TTBS-4586

TOWER TOP PREAMPS AND BASE UNIT


TTPA-8648

TTPA-8626
Tower-top Preselector TPCP-8648
Filter Type: Pass Cavity

Filter Type: Preselector TPCP-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	Bipolar	PHEMT
	2.7 dB	1.2 dB
3rd order intercept Point	+35 dB	+33 dB
Redundancy	Hybrid combined redundant pair with tower top bypass relay	
DC Input Voltage	+15 VDC	
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.

TTBS-4586

BASE POWER SUPPLY



Model TTBS-4586 Base Power supply

ELECTRICAL SPECIFICATIONS	
AC input voltage	110 or 220
DC output voltage (to tower unit)	+15 VDC
Stand by dc input voltage (opt)	+/- 12, 15, 24, 48.3 VDC
Input / output VSWR	<1.3:1
Lightning protection	Impulse suppressor type
Temperature range	-40°C to +70°C
MECHANICAL SPECIFICATIONS	
Dimensions (HWD) in. (cm)	19 x 3.5 x 7.25 (48.3 x 8.9 x 18.4)
Weight lb. (kg)	4.7 (2.1)
Connector type	N type, gold center pin
Finish	Grained aluminum, clear alodine
Optional front panel	Black paint

NOTE Power supply is included in the TWR8-860-1RTT and TWR16-860-1RTT receiver distribution panels.

OPTIONS

1. Rear panel mounted TCMA-300 current monitor and alarm panel. Adjustable high/low current trip points with form "C" contact closure and LED status alarm.
2. Front panel mounted 0 to -10 dB step attenuator.