



**AVAILABLE
TODAY**

Manufactured in Maine, USA

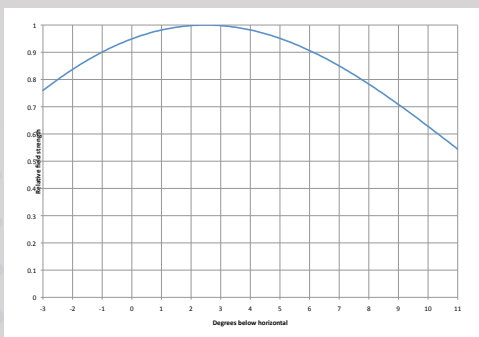
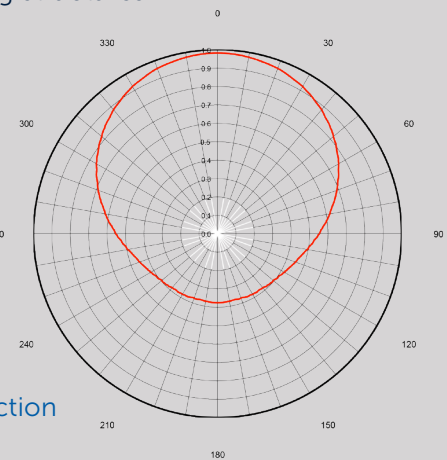
The TLSV-BB Series antenna is designed as a broadband, low-cost, low-windload alternative for the high band VHF broadcaster.

Key Features:

- Broadband: Channels 7-13
- Economical alternative to panel antennas
- Low weight and 75% less windload than panels
- Input powers up to 22.5 kW
- Includes standard mounting brackets
- Quick delivery
- Available in HPOL or EPOL
- Designed for side mounting on existing structures
- Stripline slot design
- 4, 8 and 12 bays
- Omnioid Azimuth Pattern

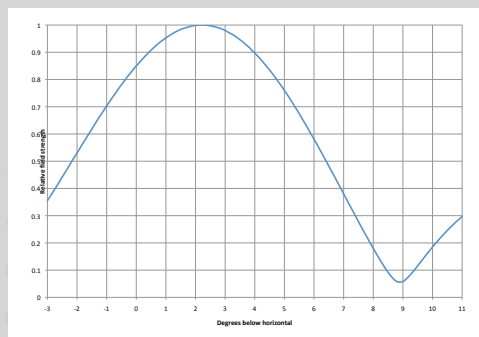
Specifications:

- Polarization: Horizontal or Elliptical
- Beam Tilt: 2 Degrees Standard
- Input Size: 1 5/8" EIA
- VSWR (Max 174-213 MHz): < 1.25:1
- Max Input Power: 7.5 kW Per 4 Bay Section
- Azimuth Directivity: 1.8



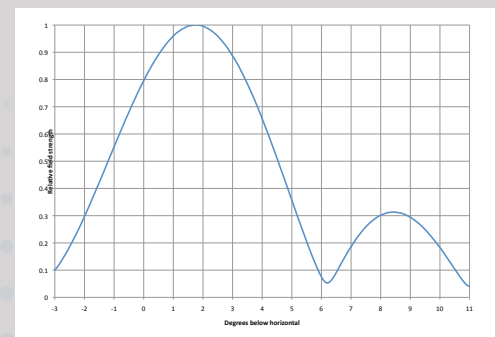
TLSV4-BB

RMS Gain: 4 • Peak Gain: 7.2



TLSV8-BB

RMS Gain: 7.9 • Peak Gain: 14.2



TLSV12-BB

RMS Gain: 10.7 • Peak Gain: 19.3

TLS ANTENNA VHF BROADBAND

TLS-V4		Height	21.2 FT
	Slot Cover	CaAc Weight	23.1 FT ² 420 LB
	Radome With VPol	CaAc Weight Weight	30.5 FT ² 490 LB 510 LB
TLS-V8		Height	43.8 FT
	Slot Cover	CaAc Weight	59.4 FT ² 940 LB
	Radome With VPol	CaAc Weight Weight	74.3 FT ² 1080 LB 1120 LB
TLS-V12		Height	66.4 FT
	Slot Cover	CaAc Weight	87.8 FT ² 1410 LB
	Radome With VPol	CaAc Weight Weight	110.2 FT ² 1620 LB 1680 LB

TIA/EIA-222-F, Excludes Mounts



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