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TODAY**

**Manufactured in Maine, USA**

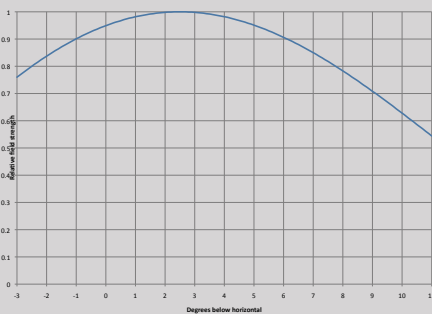
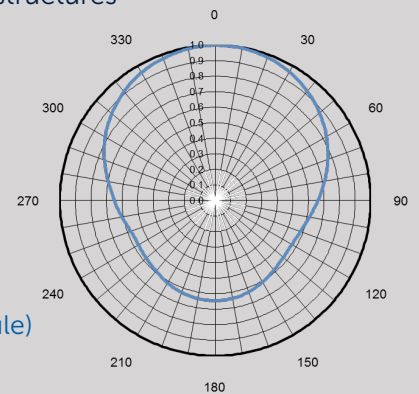
The TLSV-BB Series antenna is designed as a broadband, low-cost, low-windload alternative for the high band VHF broadcaster.

### 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 avg.
- 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

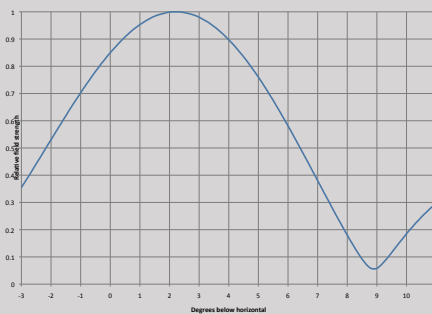
### Specifications:

- Polarization: Horizontal or Elliptical
- Beam Tilt: 2 Degrees Standard
- Input Size: 1 5/8" EIA (per 4 section module)
- VSWR (Max 174-213 MHz): < 1.25:1
- Input Power: 7.5 kW avg. per 4 Bay Section
- Azimuth Directivity: 1.7



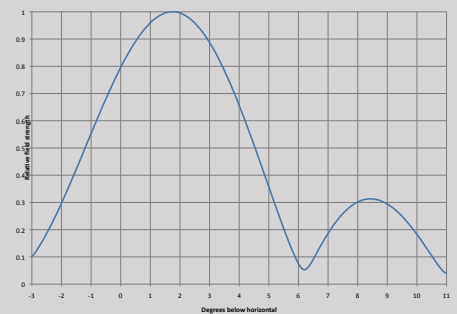
**TLSV4-BB**

RMS Gain: 4 • Peak Gain: 6.8



**TLSV8-BB**

RMS Gain: 7.9 • Peak Gain: 13.4



**TLSV12-BB**

RMS Gain: 10.7 • Peak Gain: 18.2

## TLS ANTENNA VHF BROADBAND

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

TIA/EIA-222-F, Excludes Mounts



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