



HDTV² SquareShooter™ Antenna System

Get²™



The SquareShooter™ is only 16 inches square, but receives and resonates analog and HDTV signals 40-50 miles from the transmitter, depending on the model - SS-1000 or SS-2000 (amplified).

Its small size and design allows for versatile mounting locations such as walls, roofs, patios, attics and railings. Plus, the SquareShooter™ can be mounted above a satellite dish using Winegard's DS-1000 home satellite mounting kit and dplexed with the existing satellite coax cable, incorporating both the satellite and SquareShooter™ Off-Air signals on one cable.

Both models have a very high 20 to 1 front-to-back ratios and were specifically designed for urban/metropolitan locations where line-of-sight to the transmit source is blocked. Scatter-Plane technology neutralizes reflected, out-of-phase signals arriving



U.S. Patent 6,922,179



Mounting options for the Square Shooter:

- Wall mount
- Roof mount
- Rail mount
- Floor

at the back of the antenna element. This provides the SquareShooter™ its muscle to reject multi-path signal (ghosting) and the ability to tune into the desired reflected signal for the best reception characteristics so critical for downtown urban locations.

The SS-2000 is equipped with Winegard's new digital preamp specifically designed for digital reception with an input level of 300,000 mV and 12 dB flat gain across the entire bandpass. This design ensures proper digital demodulation for the Square Shooter™ antennas.

GET²™ GET^{HDTV2}™ GET^{theSquareShooter}™

Models SS-1000 & SS-2000



Model SS-1000/SS-2000

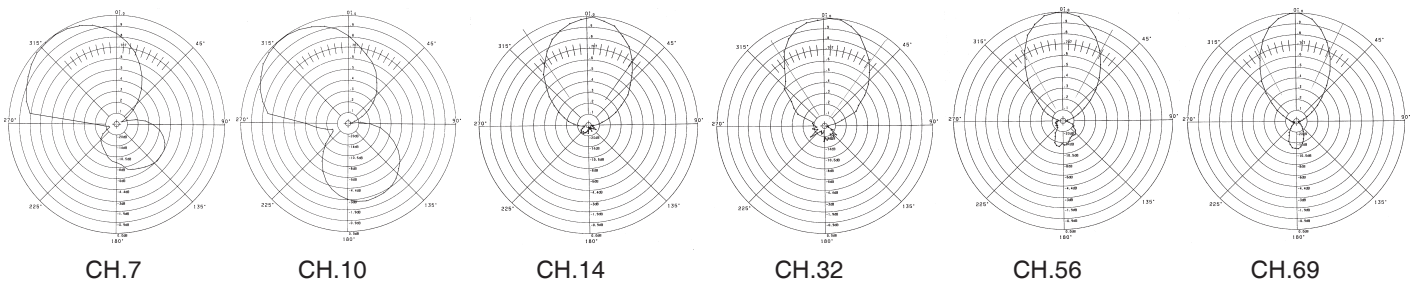
Avg. beamwidth 61°
 Avg. VSWR across band 1.3:1
 Avg. Front to back 13 db
 Avg. gain across band 470-806 4.5 db
 Maximum Width Housing 16" x 16" x 4"
 Preamp gain (SS-2000)
 300,000 µV Total Input
 S/N ratio 2.8 db
 VHF 12 dB avg.
 UHF 12 dB avg.

GENERAL RECEPTION GUIDELINES

	ANALOG	DIGITAL
VHF Ch. 2-6	0-10 miles	0-15 miles
VHF Ch. 7-13	0-35 miles	0-40 miles
UHF Ch. 14-69	0-45 miles	0-50 miles

Channel	CH. 7	CH. 10	CH. 14	CH. 32	CH. 56	CH. 69
Frequency	175.25 MHz	193.25 MHz	471.25 MHz	579.25 MHz	723.25 MHz	805.75 MHz
Beamwidth at half power points	95°	93°	68°	67°	58°	54°
Front-to-back ratio	6.0 db	2.6 db	20db	16 db	12.5 db	12 db

POLAR PATTERNS



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