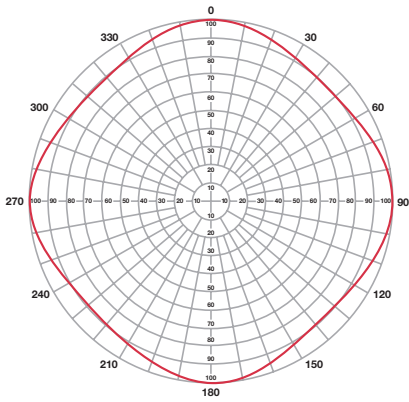


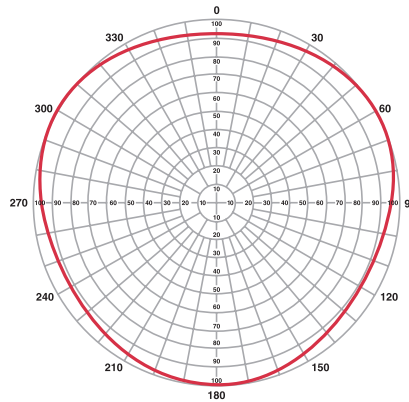
TFU-DSC SERIES

Dielectric’s Digital Side-mount, Center-fed (DSC) Series Antennas provide superior side-mounted performance. The DSC series array is designed for high-power DTV applications at ERP levels up to 1 MW. This antenna exhibits extremely low load characteristics for the high-power broadcaster.

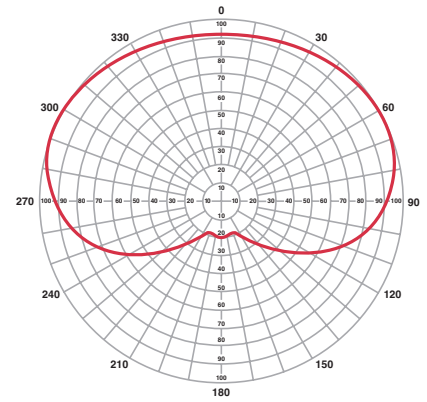
- Single, adjacent channel, or tri-channel operation available
- Center-fed for excellent digital frequency response
- Available in 8-36 layer configurations
- Low gain variation across channel(s) of operation
- Low VSWR: <1.08:1
- High power input
- Elliptical and circular polarization options available
- Other patterns and higher power ratings available



O4

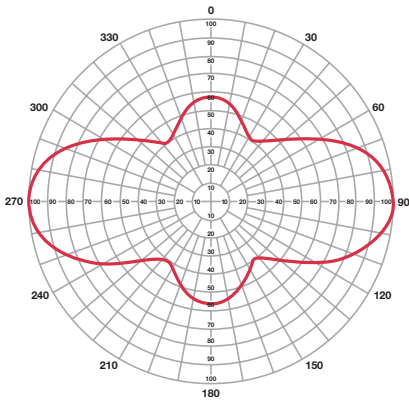


O3



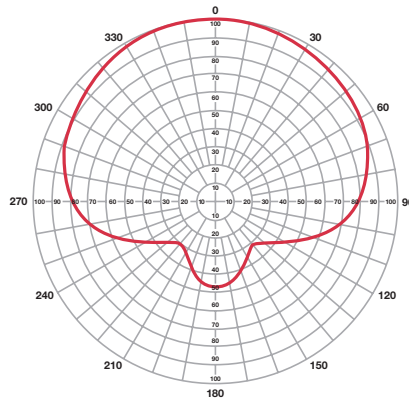
C170

DIRECTIVITY = 1.7



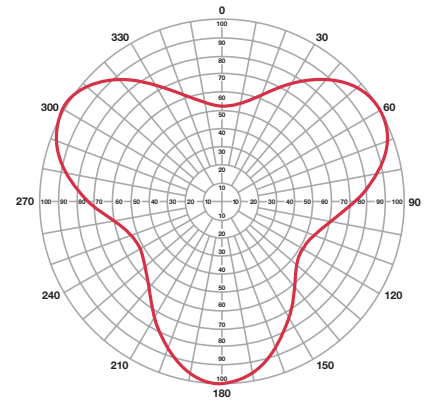
P230

DIRECTIVITY = 2.3



S180

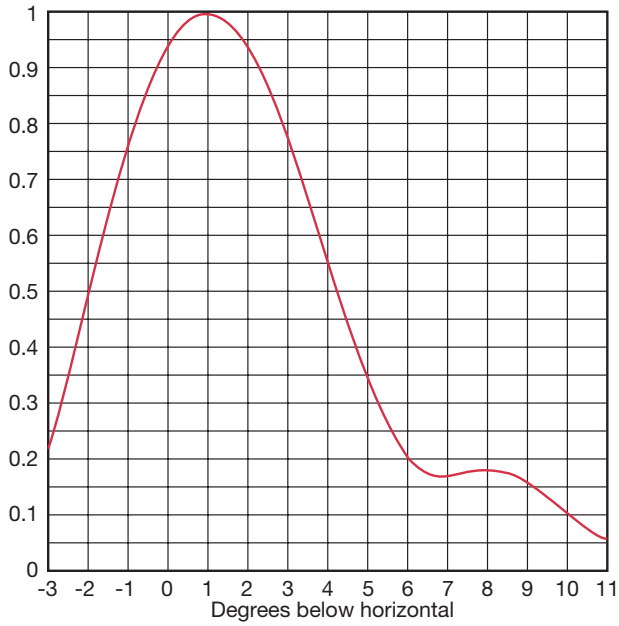
DIRECTIVITY = 1.8



T170

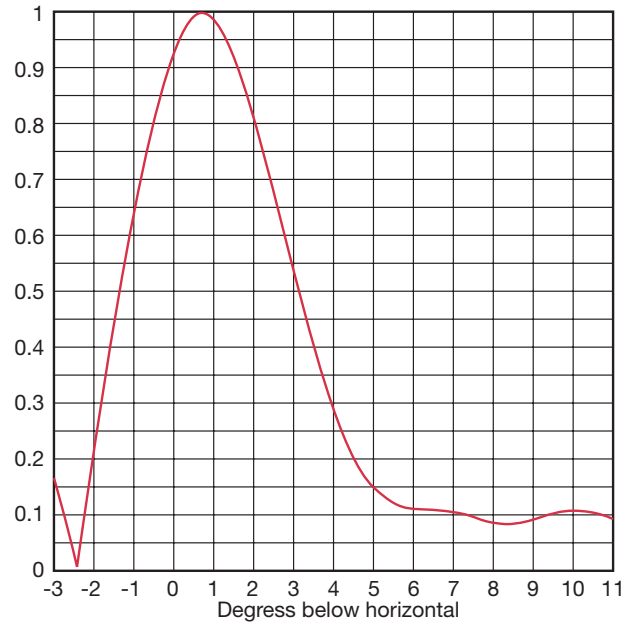
DIRECTIVITY = 1.7

TFU-10DSC-R



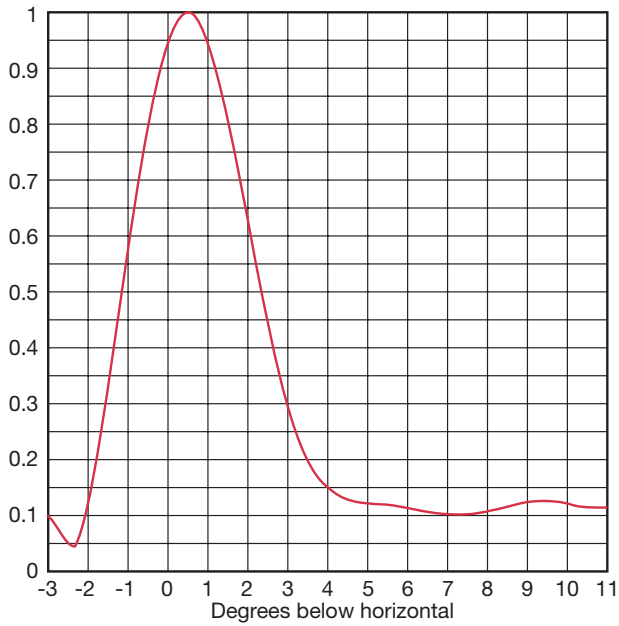
RMS GAIN 9.5 (9.78 dB)

TFU-18DSC-R



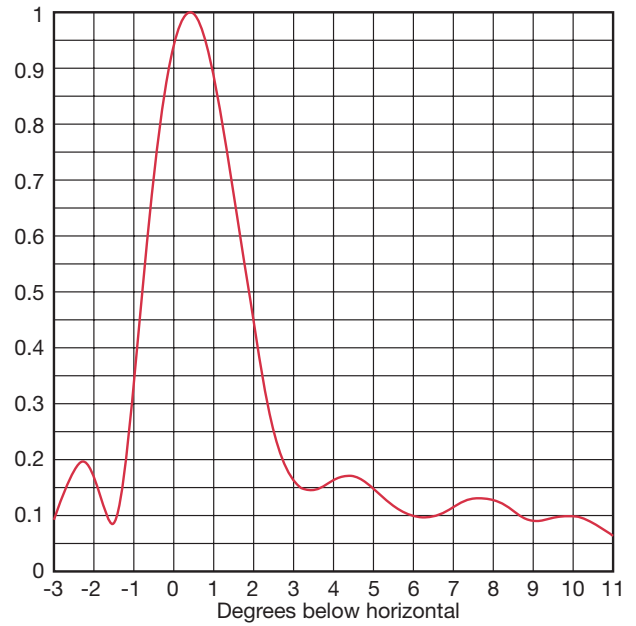
RMS GAIN 15.0 (11.76 dB)

TFU-24DSC-R



RMS GAIN 19.5 (12.90 dB)

TFU-30DSC-R



RMS GAIN 25.5 (14.07 dB)

Gain figures are for single-channel operation. Contact factory for gain figures for dual-channel operation.