



## TV ANTENNA SPECIFICATIONS

CUSTOMER: KVIQ-DT / [Redacted]  
CHANNEL: D17  
ANTENNA DESCRIPTION: Side-mounted, Prostar UHF Slot Antenna, Circular Polarization, Bent Peanut Pattern  
ANTENNA TYPE: JSM-8/17 SCBP

### ELECTRICAL SPECIFICATIONS

Power gain: 14.1x / 11.5 dBd  
 Array data: 8 bays  
 Electrical beam tilt: -2.5°  
 Null fill: 0% (up to 15%)  
 Antenna VSWR: 1.1:1 or better across channel  
 Max. input power rating: 5 kW (Avrg.)  
 Antenna input impedance: 50 ohm

### MECHANICAL SPECIFICATIONS

Overall height of antenna, est: ~ 16 FT.  
 Antenna net weight, est: to be determined  
 Windload, est: to be determined  
 Antenna input connector size, EIA: 3-1/8"

**NOTE:** THESE SPECIFICATIONS ARE PREDICTIONS BASED ON AVAILABLE DATA. THE ACTUAL PERFORMANCE MAY DIFFER FROM THESE DUE TO THE ELECTRICAL, MECHANICAL AND MEASURED LIMITATIONS AT YOUR FREQUENCIES.