

Directional Antenna System
For
WCCV, Cartersville, Georgia

(Continued)

ANTENNA SPECIFICATIONS

Antenna Type:	1091-2CP-DA
Frequency:	91.7 MHz
Number of Bays:	2

MECHANICAL SPECIFICATIONS

Mounting:	Custom
System length:	10 ft 8 in
Aperture length required:	25 ft.8 in
Orientation:	338 true
Input flange to the antenna	1 5/8 inch female

ELECTRICAL SPECIFICATIONS
(For directional use)

Maximum horizontal ERP:	7.3 kW (8.633 dBk)
Horizontal maximum power gain:	3.843 (5.8468 dB)
Maximum vertical ERP:	7.291 kW (8.628 dBk)
Vertical maximum power gain:	3.838 (5.841 dB)
Total input power:	1.899 kW (2.787 dBk)