

KESA Channel 265A Eureka Springs, Arkansas
CP LMS No. 0000189046
License to Cover

Transmitter Power Output (TPO) & Special Operating Conditions and Restrictions

Transmitter Power Output (TPO)

The Shively 6812 two bay circularly polarized non-directional antenna has a power gain of 1.01.

The 230 feet of Andrew LDF5-50A 7/8 inch foam coaxial cable has a loss of 1.168 dB for a line efficiency of 76.415 percent.

$1.30 \text{ kW ERP divided by } 1.01 \text{ divided by } 0.76415 = 1.684 \text{ kW TPO.}$

Special Operating Conditions & Restrictions

The permittee/licensee in coordination with other users of the site agrees to reduce power or cease operation as necessary to protect persons having access to the site, tower or antenna from radiofrequency electromagnetic fields in excess of FCC guidelines.

The permittee/licensee acknowledges and accepts that this is a Section 73.215 contour protection grant.