

**RADIO LICENSE HOLDING CBC, LLC.**  
**KNEV (FM) RADIO STATION**  
**CH 238C - 95.5 MHZ - 71.0 KW**  
**RENO, NEVADA**  
**February 2017**

**EXHIBIT C**

**FMpower**

## FMpower - Find ERP for an FM Station Class

FMPOWER uses the [FM propagation curves program \(/media/radio/fm-and-tv-propagation-curves\)](#) to calculate the effective radiated power (ERP) needed to achieve facilities equivalent to the reference facilities for an FM station class. Only three pieces of information are required to use this program -- the U.S. state of interest, the station class, and the [antenna height above average terrain \(HAAT\) \(/media/radio/haat-calculator\)](#). The HAAT for a particular FM station may be found via the [FM Query \(/media/radio/fm-query\)](#). [More after the form.](#)

### FMpower Results

**Class C facilities for equivalency determination:**

Reference ERP = 100.000 kW ERP

Reference HAAT= 600 meters HAAT

F(50,50) 60 dBu protected contour at 91.8 km distance

**Equivalent ERP = 71.000 kilowatts (kW)**  
(rounded per [47 CFR 73.212](#))

Unrounded ERP = 70.7 kW for 695 meters HAAT

C, C0, C1, C2, and C3 stations are authorized in NV.

[New Calculation?](#)