

TECHNICAL EXHIBIT

APPLICATION FOR
SPECIAL TEMPORARY AUTHORITY
FOR RESERVE BAND TRANSLATOR
K220AY

HEBER CITY, UTAH
CH 220 250 WATTS -315 M

DECEMBER 20, 2010

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Technical Narrative

This engineering report has been prepared on behalf of Community Wireless of Park City, Inc., in support of an application for special temporary authorization for a reserve band translator.

It is believed that this proposal conforms to all applicable rules and regulations of the FCC.

Proposed Station Data

Frequency: 91.9 MHz.

Channel: 220

ERP: 250 watts

Proposed Antenna Location

The geographic coordinates (NAD 27) of the proposed site are as follows:

North Latitude: 40-30-24.0

West Longitude: 111-25-00.0

Figure 1 shows the proposed station on a USGS quadrangle map, indicating the altitude above mean sea level to be 5595 feet or 1706 meters at the proposed coordinates.

Figure 2 shows the predicted F(50,50) 60 dBu contour of the proposed STA station in relationship to the currently licensed K220AY.

Transmitting Antenna

ANTENNA: Scala FMV, vertically polarized folded dipole.

Environmental Considerations

The station will operate with an effective radiated power of 250 watts from a non-directional, vertically polarized antenna.

Figure 3 shows the predicted power density versus distance emitted by the proposed facility. This figure is based on the parameters of proposed station KPCW-FM, using the FCC FM Model computer program.

The proposed maximum power density at the base of the tower is calculated to be 0.035 mW/cm², which is 18 percent of the recommended limit of 0.2 mW/cm² for general population/uncontrolled exposure areas.

Access to the transmitting site is restricted and appropriately marked with warning signs. When it becomes necessary for workers to ascend the tower, appropriate measures, such as reduction or shut down of power if necessary, shall be taken to ensure that the human exposure to radio-frequency radiation will not exceed the FCC guidelines.

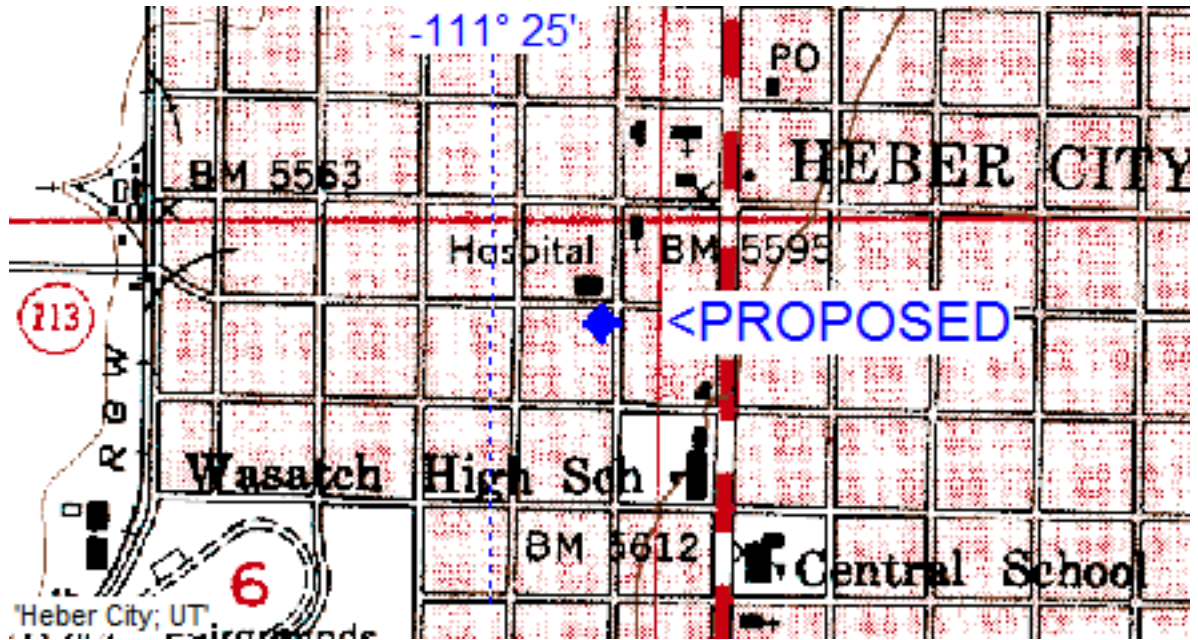


FIGURE 1: USGS map of the proposed translator location.

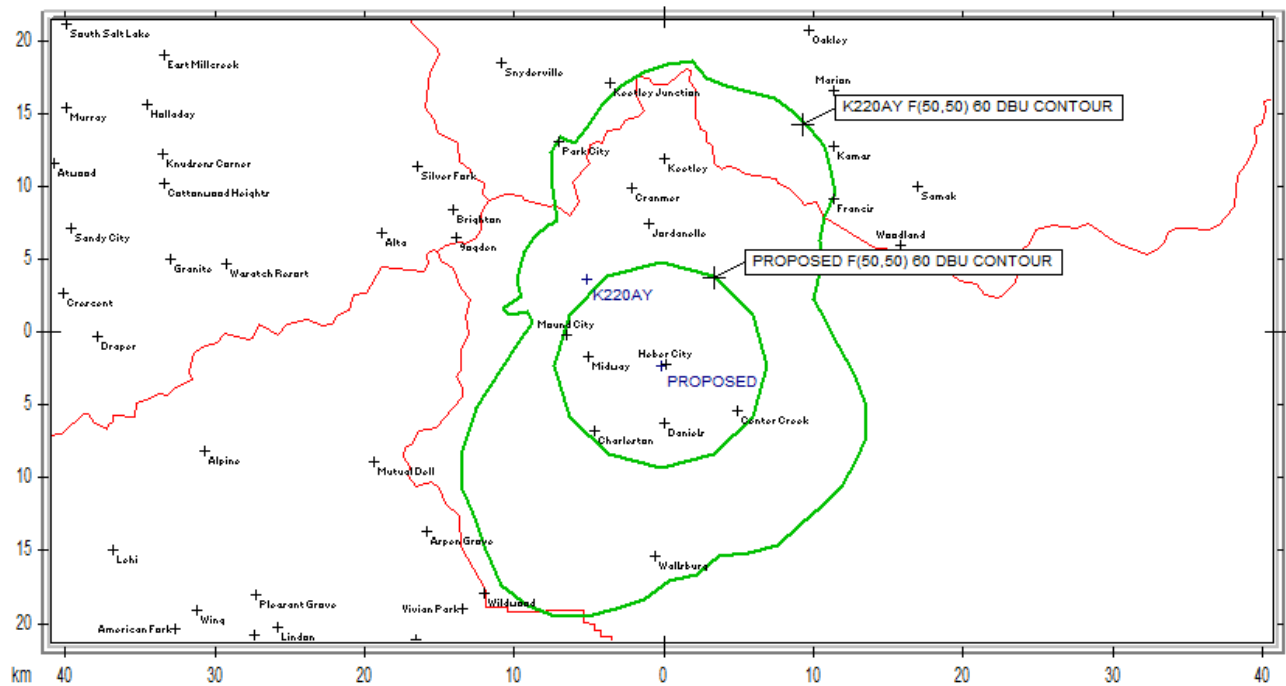


FIGURE 2: Proposed translator F(50,50) 60 dBu contour compared to K220AY F(50,50) 60 dBu contour.

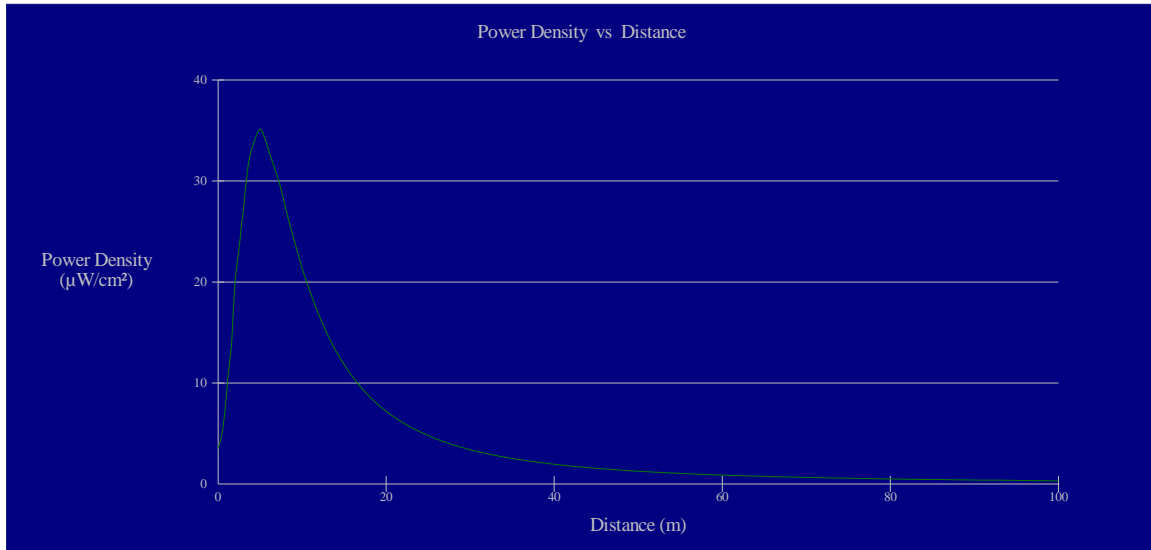


FIGURE 3: Power density of the proposed translator vs. distance.

In accordance with the laws of the State of Utah, this application is affixed with the seal of Mario Hieb, P.E.

