

Justification for Extraordinary Circumstances

The K265CV transmit antenna has been damaged and needs repair or replacement. The tower structure that supports the K265CV transmit antenna has severe guy anchor rod corrosion making it unsafe for anyone to climb the tower structure. While awaiting the tower structure repair allowing for the K265CV antenna issue to be addressed, EMF respectfully requests an Engineering STA to operate K265CV with an identical transmit antenna mounted on an adjacent tower structure at a lower center of radiation above ground level. The proposed STA Effective Radiated Power level is identical to the licensed Effective Radiated Power Level. The proposed STA 60dbu service contour at no point extends beyond the licensed 60dbu service contour as shown in Exhibit 1-A.

EMF will make every effort to return K265CV to normal licensed operation as soon as possible. EMF believes this Engineering STA is in the public interest in that the listeners who depend on the programming of K265CV will continue to be served during the time needed to return K265CV to normal operation.

K265CV Licensed Parameters:

Antenna Structure Registration Number: NA

Site Locations: 37-29-55.7 N 121-52-16.8 W (NAD 83)

Site Elevation: 807.7m

Structure Overall Height: 54.9m

Antenna Center of Radiation Above Ground Level: 17.3m

Antenna Center of Radiation Above Mean Sea Level: 825m

Antenna Center of Radiation Height Above Average Terrain: 590m

Effective Radiated Power: 61 watts

Antenna: Scala CLFM-H single bay

Antenna Azimuth: 318 degrees

K265CV Proposed ENG STA Parameters:

Antenna Structure Registration Number: NA

Site Locations: 37-29-59.0 N 121-52-19.2 W (NAD 83)

Site Elevation: 807.7m

Structure Overall Height: 29m

Antenna Center of Radiation Above Ground Level: 8.2m

Antenna Center of Radiation Above Mean Sea Level: 815.9m

Antenna Center of Radiation Height Above Average Terrain: 586m

Effective Radiated Power: 61 watts

Antenna: Scala CLFM-H single bay

Antenna Azimuth: 318 degrees

K265CV Fremont, CA
Licensed and STA 60dbu Service Contours

Exhibit 1-A

-  K265CV Licensed (265)
-  K265CV STA (265)

K265CV Licensed
0000130811
Latitude: 37-29-55.70 N
Longitude: 121-52-16.80 W
ERP: 0.061 kW
Channel: 265
Frequency: 100.9 MHz
AMSL Height: 825.0 m
Elevation: 807.7 m
Horiz. Pattern: Directional
Vert. Pattern: No
Prop Model: None

K265CV STA
0000130811
Latitude: 37-29-59 N
Longitude: 121-52-19.20 W
ERP: 0.061 kW
Channel: 265
Frequency: 100.9 MHz
AMSL Height: 815.9 m
Elevation: 807.7 m
Horiz. Pattern: Directional
Vert. Pattern: No
Prop Model: None

