

Technical Exhibit

Minor Modification of Licensed Facility

This minor modification specifies an increase in the ERP at the licensed site as is indicated below:

| | Licensed facility | Minor modification of licensed facility |
|-----------------------------------|--|---|
| Channel / Class | 243 D | 243 D |
| Geographical Coordinates (NAD 83) | 38 48 36.9 104 52 55.9 | 38 48 36.9 104 52 55.9 |
| ASRN | N/A | N/A |
| Site elevation | 2170.0 m | 2170.0 m |
| Tower AGL | 9.1 m | 9.1 m |
| Antenna COR AGL | 9.0 m | 9.0 m |
| Antenna COR AMSL | 2179.0 m | 2179.0 m |
| HAAT | -176.7 m | -176.7 m |
| ERP | 0.022 kW (H&V, DA) | 0.250 kW (H&V, DA) |
| Antenna | Scala CA2-FM/CP oriented 90 degrees | Scala CA2-FM/CP oriented 103 degrees |

This application complies with all engineering standards and requirements of the applicable FCC rules and regulations.

Technical Exhibit

Tabulation of HAAT / ERP / distance to 60 contour

CH 243 38 48 36.9 / 104 52 55.9 0.250 kW ERP (H&V, DA) 2179.0 m COR AMSL -176.7 m HAAT

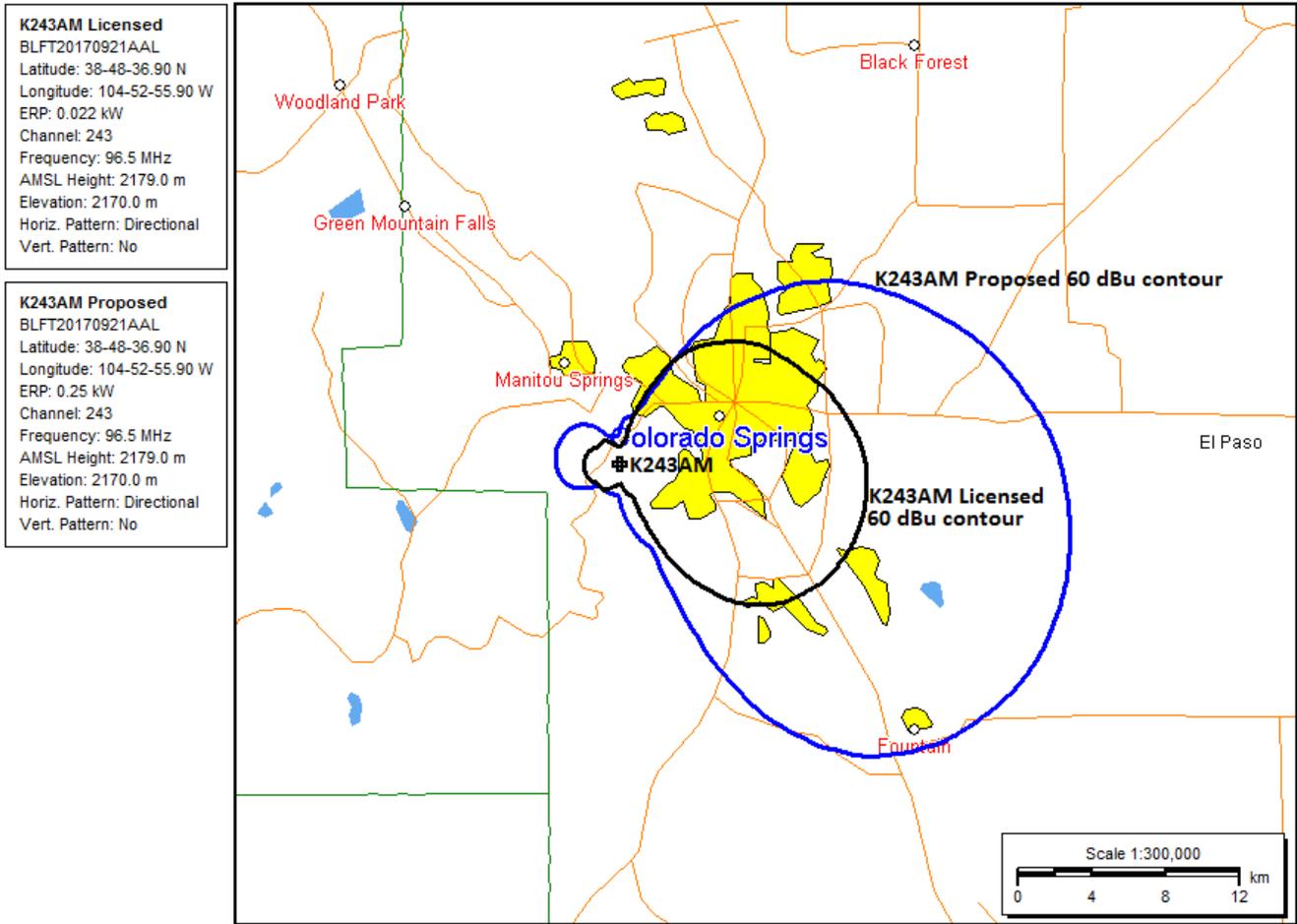
| Azi. | AV EL | HAAT | ERP kW | dBk | Field | 60-F5 |
|------|--------|---------|--------|--------|-------|-------|
| 000 | 2082.5 | 96.5 | 0.0003 | -35.39 | 0.034 | 2.22 |
| 010 | 1980.7 | 198.3 | 0.0002 | -36.19 | 0.031 | 2.66 |
| 020 | 1933.5 | 245.5 | 0.0004 | -33.76 | 0.041 | 3.45 |
| 030 | 1906.0 | 273.0 | 0.0052 | -22.85 | 0.144 | 8.07 |
| 040 | 1917.2 | 261.8 | 0.0269 | -15.70 | 0.328 | 12.07 |
| 050 | 1905.0 | 274.0 | 0.0663 | -11.78 | 0.515 | 15.38 |
| 060 | 1902.0 | 277.0 | 0.1126 | -9.49 | 0.671 | 17.81 |
| 070 | 1879.9 | 299.1 | 0.1580 | -8.01 | 0.795 | 20.17 |
| 080 | 1858.4 | 320.6 | 0.1994 | -7.00 | 0.893 | 22.07 |
| 090 | 1834.0 | 345.0 | 0.2309 | -6.37 | 0.961 | 23.67 |
| 100 | 1819.7 | 359.3 | 0.2470 | -6.07 | 0.994 | 24.52 |
| 103 | 1815.4 | 363.6 | 0.2500 | -6.02 | 1.000 | 24.73 |
| 110 | 1808.0 | 371.0 | 0.2426 | -6.15 | 0.985 | 24.78 |
| 120 | 1803.1 | 375.9 | 0.2200 | -6.58 | 0.938 | 24.35 |
| 130 | 1815.7 | 363.3 | 0.1832 | -7.37 | 0.856 | 22.93 |
| 140 | 1854.2 | 324.8 | 0.1403 | -8.53 | 0.749 | 20.40 |
| 150 | 1942.9 | 236.1 | 0.0939 | -10.27 | 0.613 | 15.56 |
| 160 | 2164.9 | 14.1 | 0.0491 | -13.09 | 0.443 | 4.68 |
| 170 | 2310.4 | -131.4 | 0.0153 | -18.17 | 0.247 | 3.49 |
| 180 | 2392.1 | -213.1 | 0.0019 | -27.13 | 0.088 | 2.15 |
| 190 | 2529.9 | -350.9 | 0.0003 | -35.39 | 0.034 | 1.61 |
| 200 | 2726.5 | -547.5 | 0.0002 | -36.19 | 0.031 | 1.61 |
| 210 | 2881.9 | -702.9 | 0.0003 | -34.89 | 0.036 | 1.61 |
| 220 | 2996.5 | -817.5 | 0.0005 | -33.35 | 0.043 | 1.61 |
| 230 | 3018.9 | -839.9 | 0.0009 | -30.60 | 0.059 | 1.75 |
| 240 | 3116.8 | -937.8 | 0.0035 | -24.51 | 0.119 | 2.47 |
| 250 | 3220.5 | -1041.5 | 0.0085 | -20.72 | 0.184 | 3.02 |
| 260 | 3295.2 | -1116.2 | 0.0125 | -19.02 | 0.224 | 3.33 |
| 270 | 3269.1 | -1090.1 | 0.0150 | -18.24 | 0.245 | 3.48 |
| 280 | 3267.1 | -1088.1 | 0.0165 | -17.82 | 0.257 | 3.56 |
| 290 | 3060.8 | -881.8 | 0.0160 | -17.96 | 0.253 | 3.54 |
| 300 | 2785.1 | -606.1 | 0.0143 | -18.45 | 0.239 | 3.44 |
| 310 | 2613.0 | -434.0 | 0.0112 | -19.49 | 0.212 | 3.25 |
| 320 | 2319.6 | -140.6 | 0.0064 | -21.94 | 0.160 | 2.84 |
| 330 | 2353.1 | -174.1 | 0.0019 | -27.13 | 0.088 | 2.15 |
| 340 | 2410.6 | -231.6 | 0.0007 | -31.70 | 0.052 | 1.63 |
| 350 | 2317.8 | -138.8 | 0.0004 | -33.98 | 0.040 | 1.61 |

 GLOBE terrain data
 (yellow highlighted values establish average HAAT)

Technical Exhibit

Licensed and proposed 60 dBu contour coverage map

The proposed 60 dBu contour will continue to overlap the licensed 60 dBu contour.



GLOBE terrain data

Technical Exhibit

Allocation Study

CH 243 38 48 36.9 / 104 52 55.9 0.250 kW ERP (H&V, DA) 2179.0 m COR AMSL -176.7 m HAAT

| CH CITY | CALL | TYPE STATE | AZI. <-- | DIST FILE # | LAT. LNG. | Pwr (kW) HAAT (M) | INT (km) COR (M) | PRO (km) LICENSEE | *IN* (Overlap in km) | *OUT* |
|------------|------|---------------|-------------|----------------|--------------|----------------------|---------------------|----------------------|-------------------------|-------|
|------------|------|---------------|-------------|----------------|--------------|----------------------|---------------------|----------------------|-------------------------|-------|

Reference station:

| | | | | | | | | | | |
|------------------|--------|-----|-------|-----------------|--------------|-------|------|------------------------------|--|--|
| 243D | K243AM | LIC | 0.0 | 0.00 | 38 48 36.90 | 0.022 | | | | |
| Colorado Springs | CO | | 269.0 | BLFT20170921AAL | 104 52 55.90 | | 2179 | Educational Media Foundation | | |

Co-channel, 1st, 2nd, & 3rd channel relationships:

| | | | | | | | | | | |
|-----------|---------|-----|-------|-----------------|--------------|---------|-------|------------------------------|--------|-------|
| 241C2 | KIBT | LIC | 166.4 | 7.40 | 38 44 43.90 | 0.460 | 1.5 | 43.3 | -0.4 | -36.3 |
| Fountain | CO | | 346.5 | BLH20060503AAK | 104 51 43.90 | 661 | 2872 | Amfm Texas Licenses LLC | | |
| 243C2 | KBKZ | LIC | 169.8 | 205.24 | 36 59 33.10 | 5.400 | 122.8 | 51.8 | 65.4 | 139.7 |
| Raton | NM | | 350.1 | BLH20040927AEI | 104 28 26.00 | 295 | 2609 | Phillips Broadcasting Comp | | |
| 243C | KXPK | LIC | 331.8 | 109.37 | 39 40 32.90 | 100.000 | 206.4 | 92.9 | -100.6 | 4.2 |
| Evergreen | CO | | 151.4 | BLH20170718AAB | 105 29 08.90 | 526 | 3272 | Entravision Holdings, LLC | | |
| 243D | K243CI | LIC | 163.7 | 63.04 | 38 15 57.00 | 0.250 | 23.8 | 7.1 | 21.3 | 26.2 |
| Pueblo | CO | | 343.8 | BLFT20170420AAA | 104 40 45.90 | | 1507 | Catholic Radio Network, Inc. | | |
| 245C | KCCY-FM | LIC | 166.3 | 7.43 | 38 44 42.90 | 72.000 | 14.2 | 97.8 | -15.3 | -90.7 |
| Pueblo | CO | | 346.3 | BLH19940217KC | 104 51 42.90 | 695 | 2946 | Capstar Tx, LLC | | |

I.F.:

None

GLOBE terrain data

Technical Exhibit

Allocation Study

K243AM as proposed is located within the protected contour of the following stations:

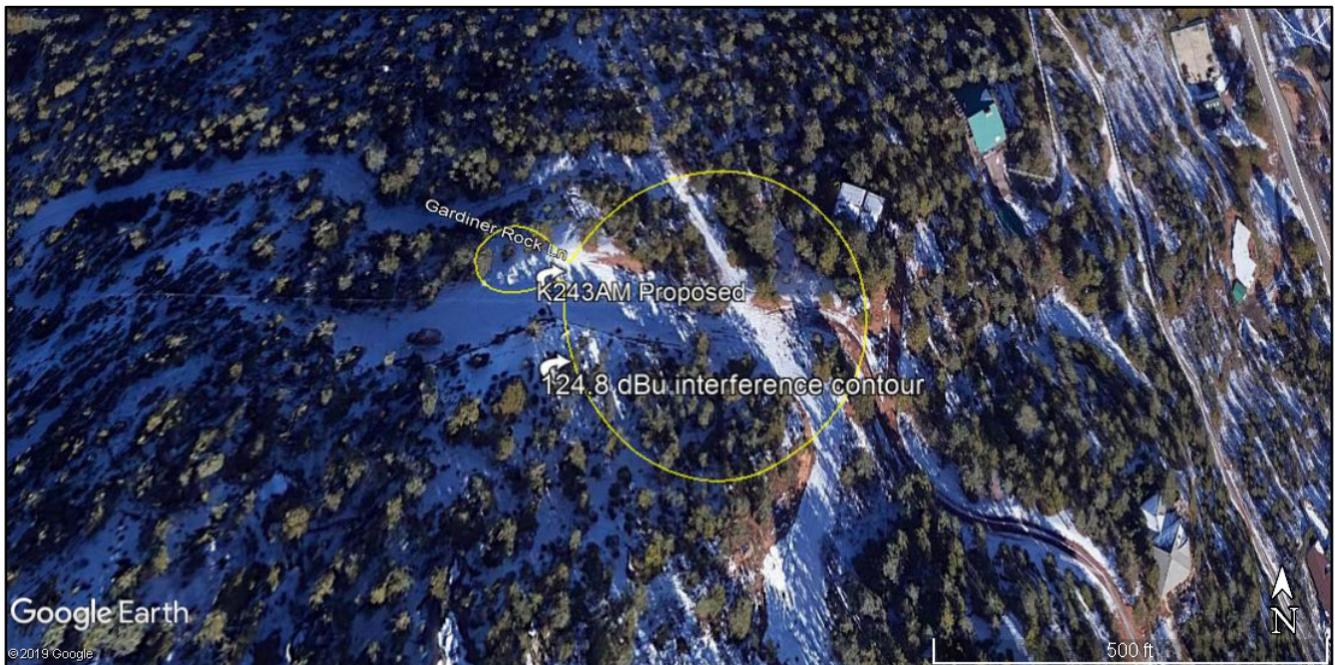
KIBT (LIC), CH 241C2, Fountain, CO

| | |
|---|-------------|
| KIBT signal strength at the K243AM site | 84.8 dBu |
| K243AM interference contour | 124.8 dBu |
| Distance to K243AM interference contour | 63.7 meters |

KCCY-FM (LIC), CH 245C, Pueblo, CO

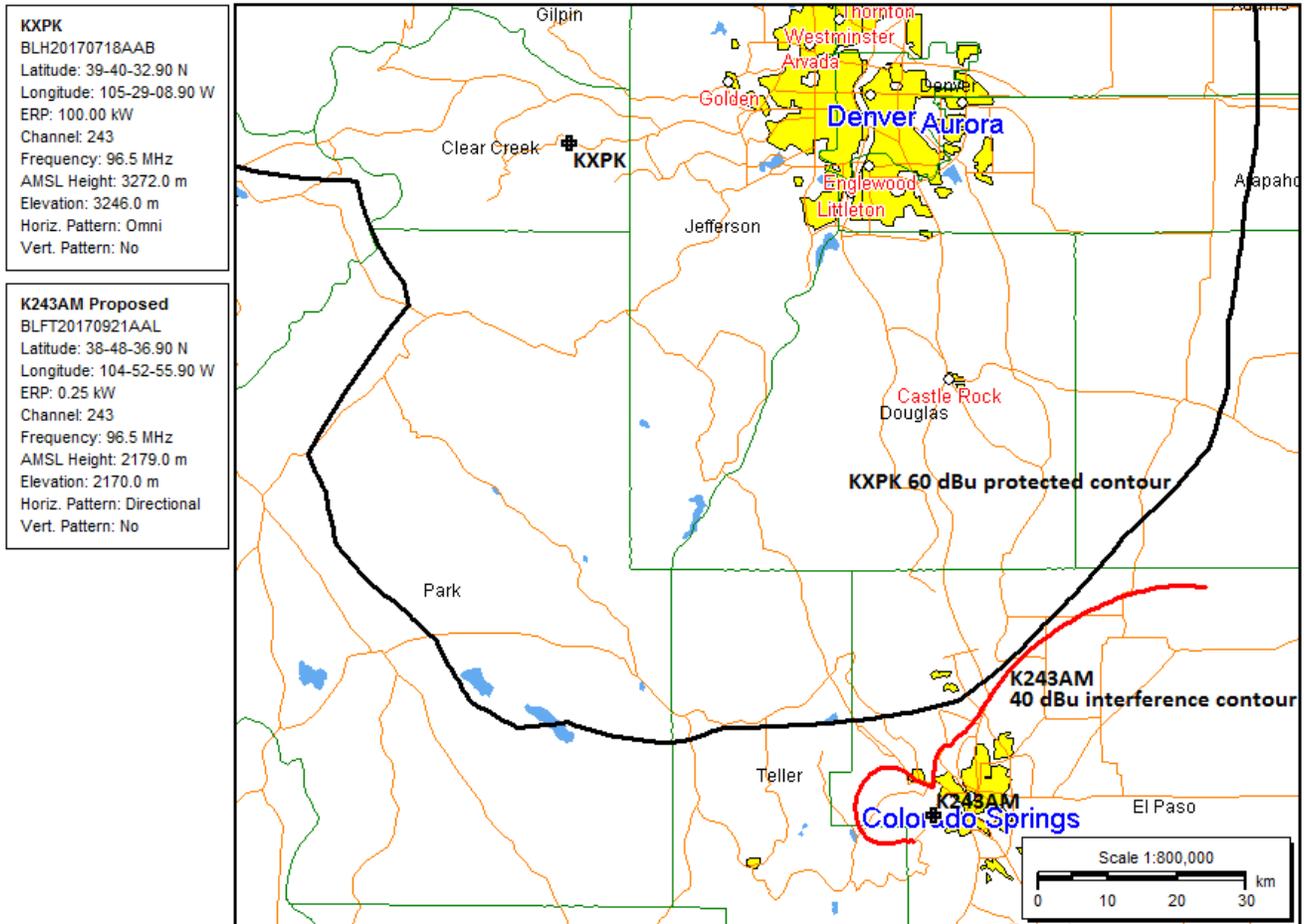
| | |
|--|------------|
| KCCY-FM signal strength at the K243AM site | 106.9 dBu |
| K243AM interference contour | 146.9 dBu |
| Distance to K243AM interference contour | 5.0 meters |

K243AM’s 124.8 dBu interference contour to KIBT will extend out a maximum of 63.7 meters and the 146.9 dBu interference contour to KCCY-FM will extend out a maximum of 5.0 meters. As is indicated on the below map, there are no occupied structures within K243AM’s 124.8 dBu interference contour. Therefore based on the showing of no population within the area of predicted interference a waiver of Section 74.1204(d) is respectfully requested.



Technical Exhibit

Allocation Study



GLOBE terrain data

Technical Exhibit

Environmental Impact & RFR Compliance Statement

K243AM will be located at an established communications site that is in compliance with all environmental impact requirements.

K243AM will operate with 0.250 kW ERP (H&V, DA) at an antenna COR AGL height of 9 meters utilizing a Scala CA2-FM/CP 1 bay antenna. The highest level of RFR for this antenna at 2 meters above ground level is no more than 24.2% of the general public/uncontrolled MPE limit occurring at 12.2 meters from the base of the tower. However, there are other broadcast facilities at the site, and although it is anticipated that the combined facilities will not exceed the general public/uncontrolled MPE limits, to ensure compliance measurements will be taken during equipment tests of the completed facility.

RFR hazard warning signs are posted at the site and the site has restricted access to only authorized personnel. The applicant certifies that in cooperation with other users of the site all authorized personnel will be protected from RFR exposure in excess of FCC guidelines while accessing any controlled exposure area, including the tower, by either reducing power or ceasing operations.