

RFR EXPOSURE CALCULATIONS FOR PROPOSED CH17-DT Lewiston, ID

Site information:

Latitude: 46-27-04 N

Longitude: 117-02-46 W

| Call | Channel | Owner | Frequency | ERP | COR | Status | Pwr Dens mW/cm ² |
|----------|---------|-------|-----------|-------|-----|--------|----------------------------------|
| PROPOSED | 17 | KWSU | 479 | 1,000 | 6 | PROP | 0.2375 |
| K21CC | 21 | KING | 518 | 180 | 10 | TX LIC | 0.0240 |
| K35BW | 35+ | KHQ | 602 | 174 | 8 | TX LIC | 0.0413 |
| K45FZ | 45- | KXLY | 662 | 634 | 8.2 | TX LIC | 0.1410 |
| K53GN | 53 | KSPS | 710 | 1,320 | 10 | TX LIC | 0.1764 |
| | | | | | | | 0.6203 mW/cm ² |

$$S = 33.4 (F^2) [0.4ERP] / R^2$$

$$R = COR - 2m$$

$$F = 0.8$$

Limit for Occupational/Controlled Exposure at 479 mHz (worst case) = 479/300 = 1.5967 Mw

Limit for Occupational/Controlled Exposure at 710 mHz = 710/300 = 2.3667 Mw

The site is remote and not accessible by the general public. The site is located on the crest of a hill at the end of a long private unimproved dirt access road through several wheat fields that require four-wheel drive most of the year. There are several gates on this road, one of which is locked and is approximately 1/2 mile from the site. No trespassing signs are posted by the site owner at the first gate nearest to the highway.