KUDI
Choteau, MT

Proposed Minor Modification
Of Permitted Facility

Application Overview:

KUDI (FCC Facility ID# 176530) proposes to modify its currently Permitted Facilities using the following parameters:

Tech Box:

Channel:	204
Class:	A
Antenna Coordinates:	N 47-45-21, W 112-09-42 (NAD 27)
ASRN:	N/A
Tower Height AMSL:	12 m
COR AMSL:	1353 m
COR AGL:	10 m
COR HAAT:	138 m
ERP:	0.325 kW
Directional Antenna:	No

Antenna Site City-Grade Coverage:

Exhibit 1 demonstrates that the proposed facility's antenna site provides city grade coverage of KUDI's proposed community of license – Choteau, MT. As can be seen in the Exhibit, 100% of Choteau's community boundaries are encompassed by the F(50,50) 60 dBu

contour of the proposed facility. Also, no major terrain obstructions are located between the antenna site and the community.

Interference Study:

Exhibit 2 is a contour overlap study from the proposed KUDI antenna site. It notes that the proposed KUDI facility's contours would comply with Section 73.509.

Downward Radiation Study (FM Model):

The proposed FM Facility has been evaluated in terms of potential radiofrequency electromagnetic field exposure at ground level in accordance with OET Bulletin No. 65, Evaluating Compliance with FCC Specified Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields (OET Bulletin 65, Second Edition 97-01, August, 1997). The Commission's FM Model Power Density Prediction program was employed to determine the Field. Using the Phelps-Dodge "Ring Stub" Worst Case antenna with 2 sections and Full wavelength spacing, and the AGL height and ERP proposed in this application, the highest predicted power density 2 meters above ground is less than 95.0% of the Uncontrolled Standard with a Power Density of 190 microwatts per square centimeter 2.4 meters from the base of the tower.

Even though the site will fully comply with the Uncontrolled Site Standards, access to the transmitting site will be 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 radiofrequency radiation will not exceed the FCC guidelines.

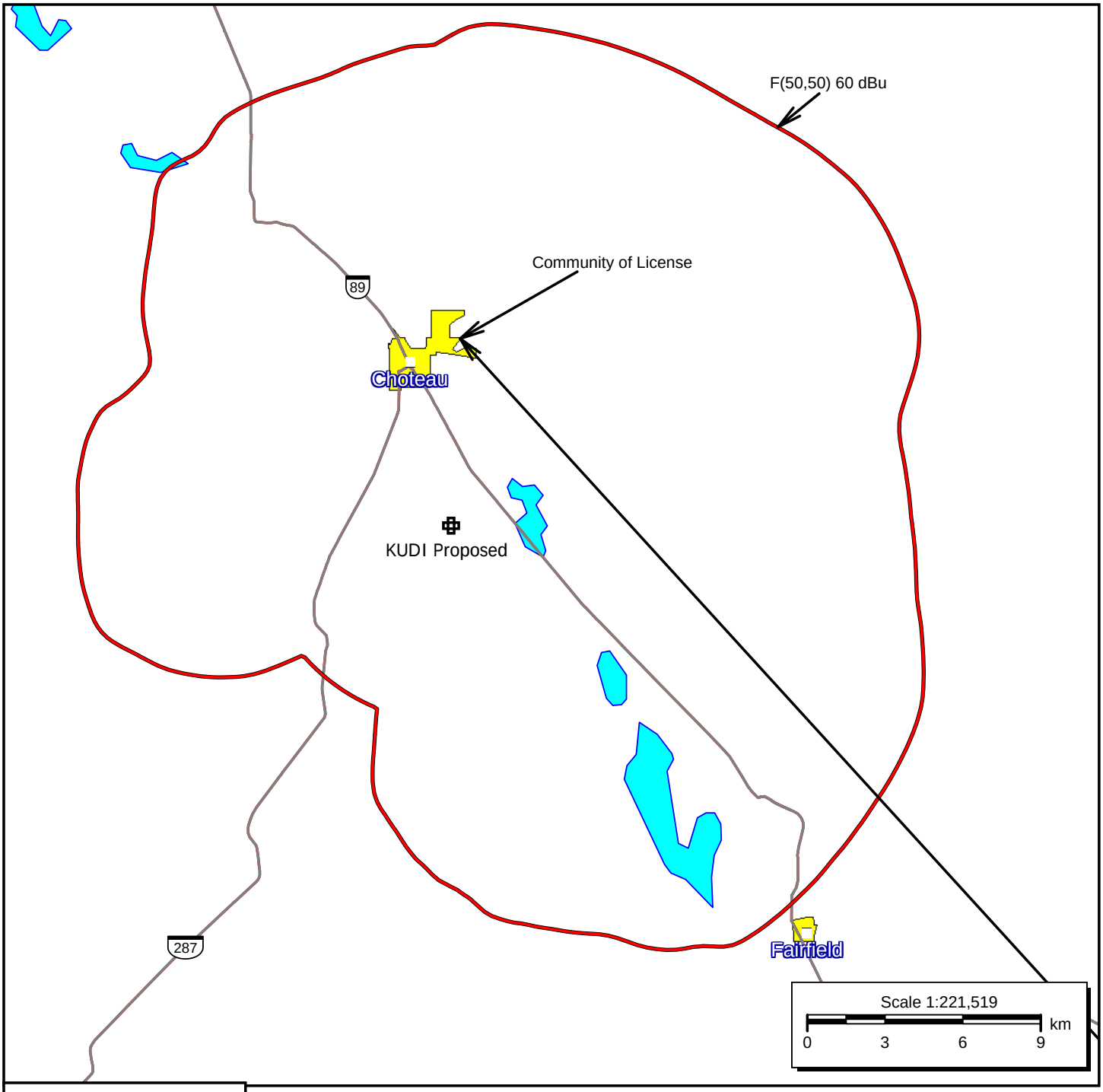
Existing Tower:

The proposed facility is exempt from environmental processing because the facility is not located at a location specified in Section 1.1307(a)(1)-(8) of the Commission's Rules and since the tower in question already exists.

Exhibit 1

Proposed Antenna Site
Contour Map:

F(50,50) City-Grade Contour



KUDI Proposed
Mod of BPED20100315AAG
Channel: 204A
Frequency: 88.7 MHz
Latitude: 47-45-21 N
Longitude: 112-09-42 W
COR AGL Height: 10.0 m
COR AMSL Height: 1353.0 m
Base Elevation: 1343.0 m
COR HAAT: 138.28 m
ERP: 0.325 kW
Horiz. Pattern: Omni
Vert. Pattern: No
Prop Model: None

Exhibit 2

Section 73.509
Contour Overlap Tabulations

KUDI(FM) Section 73.509 Overlap Study

REFERENCE CH# 204A - 88.7 MHz, Pwr= 0.325 kW, HAAT= 138.3 M, COR= 1353 M DISPLAY DATES
47 45 21.0 N. Average Protected F(50-50)= 16.31 km DATA 09-06-12
112 09 42.0 W. Omni-directional SEARCH 09-24-12

CH CALL / CITY	TYPE ANT / STATE	AZI <--	DIST / FILE #	LAT / LNG	PWR(kW) / HAAT(M)	INT(km) / COR(M)	PRO(km) / LICENSEE	*IN* (Overlap in km)	*OUT*
204A KUDI	LIC _CX	347.4	5.79	47 48 24.0	0.110	19.1	5.8	-31.5*	-57.1
Choteau	MT	167.4	BLED20090817ACZ	112 10 43.0	-36	1168	New Life Assembly Church		
204A KUDI	CP _CX	356.0	7.21	47 49 14.0	0.130	20.0	6.0	-31.3*	-56.8
Choteau	MT	176.0	BPED20100315AAG	112 10 06.0	13	1213	New Life Assembly Church		
203C1 1397187	APP DVX	186.5	112.79	46 44 52.0	5.000	96.9	65.7	3.1	27.9
Helena	MT	6.4	BNPED20071022APB	112 19 47.0	584	2260	Last Chance Public Radio A		
204C1 KLKM	LIC _CX	280.7	167.28	48 00 48.0	3.300	149.1	67.1	3.6	50.8
Kalispell	MT	99.1	BLED20101109ACL	114 21 55.0	785	2052	Educational Media Foundati		
205A KGFC	LIC _CX	117.9	68.76	47 27 52.4	6.000	38.0	24.8	11.2	15.0
Great Falls	MT	298.5	BLED20090923AAB	111 21 17.8	74	1142	Hi-line Radio Fellowship,		
06 2 VACANT«	GR _HN	323.7	247.77	49 31 54.0	0.170	16.5	107.2	234.5R	13.3M
Burmis	AB	142.1	BPFS20080929AIE	114 11 37.0	128	1474			
203D K203DQ	LIC _C_	118.0	68.55	47 27 52.0	0.100	12.6	9.0	36.4	30.6
Great Falls	MT	298.6	BLFT20030723AGV	111 21 29.0	71	1142	Edgewater Broadcasting, In		
06 □□ VACANT«	GR _HN	17.8	281.78	50 09 45.0	6.100	16.5	107.2	234.5R	47.3M
Medicine Hat	AB	198.7	BPFS20081104AAL	110 57 20.0	203	957			
205D K205FH	LIC _C_	14.9	86.02	48 30 10.0	0.010	4.4	3.2	62.1	54.0
Shelby	MT	195.2	BLFT20100818AAZ	111 51 38.0	5	1041	Edgewater Broadcasting, In		
205D K205FH	APP _V_	15.1	86.47	48 30 22.0	0.010	4.4	3.2	62.6	54.5
Shelby	MT	195.3	BPFT20120824ACJ	111 51 22.0		1008	Edgewater Broadcasting, In		
06 2C KTVM-TV	LI _HN	186.3	195.52	46 00 27.0	19.200	16.5	107.2	123.6R	71.9M
Butte	MT	6.1	BLCDT20100629AVB	112 26 30.0	591	2566	Bluestone License Holdings		

Terrain database is NGDC 30 SEC , R= 73.215 qualifying spacings or FCC minimum Spacings in KM, M= Margin in KM
Contour distances are on direct line to and from reference station. Reference zone= , Co to 3rd adjacent.
All separation margins (if shown) include rounding
Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)
"*"affixed to 'IN' or 'OUT' values = site inside protected contour.
« = Station meets FCC minimum distance spacing for its class.