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International Scripture Ministries, Inc.
New Non-Commercial Educational Station
Class A, Channel 203, Portales, NM
34-09-41.7 N, 105-15-53.9 W – ERP = 1.5 KW (H&V) – RCAMSL = 1294 Meters

The applicant seeks new NCE Station serving Portales, New Mexico on Channel 203.

Allocation Considerations

The facility is fully compliance pursuant to 73.525, 73.209 and all other rule sections with respect to interference with existing broadcast authorizations and applications.

ComStudy 2.2 search of Channel 203 (Class A) at (NAD 83) 34-09-41.7 N, 105-15-53.9 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
KCLV-FM	CLOVIS	NM	256	C1	26.20	22.0	16.1	4.2 km
KRBG	UMBARGER	TX	204	C1	124.84	133.0	48.8	6.19 dB
KPMB	PLAINVIEW	TX	203	A	143.04	115.0	86.9	11.68 dB
KRBG	UMBARGER	TX	204	C3	124.84	89.0	48.8	16.42 dB
KJRT	AMARILLO	TX	202	C1	169.33	133.0	50.9	18.34 dB
KLHK	HOBBS	NM	202	C3	161.42	89.0	174.2	21.78 dB
KJRT	AMARILLO	TX	202	C3	169.33	89.0	50.9	23.11 dB
KLHK	HOBBS	NM	202	A	161.42	72.0	174.2	27.68 dB
KTTZ-FM	LUBBOCK	TX	206	C1	142.48	75.0	116.5	29.46 dB
KFRI	WEST ODESSA	TX	204	C1	267.59	133.0	163.3	30.85 dB
KXNM	ENCINO	NM	204	C3	229.91	89.0	285.2	32.25 dB
KENG	RUIDOSO	NM	203	C3	247.75	142.0	250.8	32.02 dB
KENM	TUCUMCARI	NM	205	C3	114.99	42.0	340.0	32.84 dB
KTXT-FM	LUBBOCK	TX	201	C2	142.48	55.0	116.5	33.30 dB
KENU	DES MOINES	NM	203	C3	287.67	142.0	349.1	38.78 dB
KLYT	ALBUQUERQ	NM	202	C0	314.41	152.0	292.8	39.78 dB

Community of License Coverage

The proposed f(50,50) 60 dBu Contour serves 100 percent of the Community of License and 100 percent of the land area of Portales, New Mexico. Attached is a map to demonstrate this.

Height Above Average Terrain

Using the FCC Online Computer Program HAAT, using the proposed geographic coordinates, radiation center and the eight cardinal radials, the Height Above Average Terrain for the proposed antenna is 70 meters.

The 8 cardinal radial data results are below:

0°	51.7 m
45°	62.5 m
90°	93.8 m
135°	115.1 m
180°	64.5 m
225°	55.5 m
270°	64.5 m
315°	54.1 m

TV 6 Considerations

There are no Full-Service or Class A TV 6 Licenses, Permits or Applications within the threshold distance pursuant to 47 CFR Section 73.525. No further showing is required.

Basis for Land Area and Population Coverage (Technical Parameters)

Attached is a map showing the f(50,50) 60 dBu new area using USGS 3 arc-second terrain data and the population contained in the calculated area. The map shows a Census 2010 population density color underlay representation of the population served. The count was made by Radiosoft Comstudy.

The new area served in the Points System Factors/Tiebreakers – Technical Parameters Section is 914.4 square kilometers. The basis for this calculation is the f(50,50) 60 dBu contour area. No derating for water is included since the only water areas covered by the proposed contour are streams and small rivers unable to be calculated using available tools.

The new population served in the Points System Factors/Tiebreakers – Technical Parameters Section is 17774. The basis for this calculation is the f(50,50) 60 dBu contour area overlay with Census 2010 population block centroids.

Environmental Statement

The applicant has proposed to co-locate the proposed transmitting antenna and equipment on and existing, established communications tower facility. Using the FCC computer program, FM Model and using a proposed antenna of ERI LP-3E "Opposed- U" antenna type, with 1.5 KW ERP (Horizontal and Vertical) at a height above ground level of 81.5 meters, the maximum RF radiation level reaching 2 meters above ground is 1.66 microwatts per centimeter squared. This is a de minimis contribution to the allowed levels for of both General Population and Occupational standards set forth in OET Bulletin 65 and successor documents.

- End of Report -

Attachments:

1. Community of License Coverage Map.
2. f(50,50) 60 dBu contour map showing population overlay and land area covered.