

Robert H. Branch, Jr.  
Broadcast Technical Consultant  
440 Astillero Street  
Las Vegas, NV 89138  
434-941-9123

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VCY America, Inc.  
New Non-Commercial Educational Station  
Class A, Channel 211, Sherburn, MN  
43-42-5.0 N, 94-39-34.0 W – ERP = 6 KW – RCAMSL = 471.8 Meters

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The applicant seeks new NCE Station serving Sherburn, Minnesota on Channel 211.

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 211 (Class A) at (NAD 83) 43-42-5.0 N, 94-39-34.0 W.

CALL	CITY	ST	CHN	CL	DIST	SEP	BRNG	CLEARANCE
KSJR-FM	COLLEGEVILLE	MN	211	C1	199.81	200.00	2.7	0.13 dB
KNSE	AUSTIN	MN	211	A	122.09	115.00	92.7	1.19 dB
WOI-FM	AMES	IA	211	C	226.93	226.00	157.6	2.49 dB
KNGA	ST. PETER	MN	213	C1	72.36	75.00	36.6	3.04 dB
KSFS	SIOUX FALLS	SD	211	C3	170.75	142.00	264.9	8.69 dB
KSJR-FM	COLLEGEVILLE	MN	211	C1	199.81	200.00	2.7	8.90 dB
KRGM	MARSHALL	MN	210	C3	109.55	89.00	322.9	11.04 dB
KWIT	SIOUX CITY	IA	212	C1	187.90	133.00	224.3	12.80 dB
KMSU	MANKATO	MN	209	C2	71.99	55.00	46.8	12.91 dB
KLFG	FORT DODGE	IA	208	C1	100.24	75.00	168.4	16.80 dB
KNGA	ST. PETER	MN	213	C1	72.36	75.00	36.6	18.83 dB
KOJI	OKOBOJI	IA	214	A	80.39	31.00	222.2	23.85 dB
WHLA	LA CROSSE	WI	212	C	265.32	165.00	86.4	25.28 dB
KRPR	ROCHESTER	MN	210	C3	190.17	89.00	77.7	27.29 dB
KFAI	MINNEAPOLIS	MN	212	A	179.68	72.00	37.4	28.78 dB
KMOJ	MINNEAPOLIS	MN	210	C3	192.46	89.00	37.3	28.48 dB
KJSD	WATERTOWN	SD	212	C2	233.81	106.00	309.7	32.47 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 Sherburn, Minnesota. 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 92 meters.

The 8 cardinal radial data results are below:

0°	105.3 m
45°	110.6 m
90°	115.4 m
135°	97.4 m
180°	94.0 m
225°	87.5 m
270°	83.2 m
315°	94.4 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 2485.0 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 22793. The basis for this calculation is the f(50,50) 60 dBu contour area overlay with Census 2010 block data.

### 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 ERI LP-3E (3-bay full wave spaced) "Opposed U Dipole" antenna type, with 6 KW ERP (Horizontal and Vertical) at a height above ground level of 98 meters, the maximum RF radiation level reaching 2 meters above ground is 4.56 microwatts per centimeter squared. This is within the level 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.