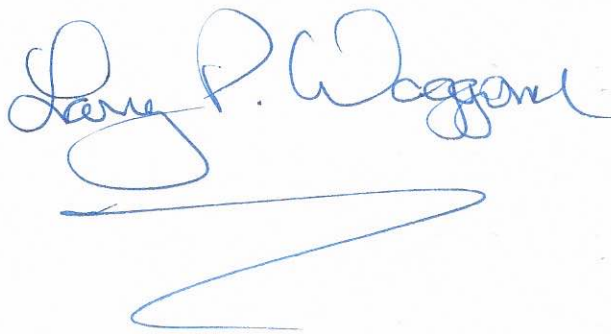


K237DN SITE CHANGE APPLICATION

This application is being filed to move the site of the K237DN FM translator to an existing tower on the north side of Pratt, Kansas (ASR #1315006). The tower is located inside the Pratt city limits. The new site is fully spaced to all licensed stations. An FM Spacing study and the proposed new local parameters are attached to the application. A map showing the proposed 60 dBu or 1.0 mv/m coverage from the new site is also attached to the application. The new K237DN site is in full compliance with the Commission's Rules and Regulations.



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Wichita, KS 67205
(316) 519-5138 Cell
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06-24-2020

Larry Waggoner

FM Study for: K237DN

FCC Database Date: 4/17/2020

37-39-10

Location: PRATT, KS

Channel Class: D

98-44-33

[*] by HAAT indicates calculated as missing in database.

Call City, State

Chan Class Freq kW Latitude Dist. Required

Status Proponent

File Number HAAT Longitude Azm. Clear (km)

>>>>>> Study For Channel 237 95.3 MHz <<<<<<<

K237DN PRATT, KS	237 D	95.3	.170	37-38-58	3.7	44	
LIC Fac. No. 142236	BLFT-20050913AAK	55		98-47-05	264.3	-40.3	SHORT
KICTFM WICHITA, KS	236 C1	95.1	100.	37-47-47	107.8	91	
LIC Fac. No. 63548	BLH-20140908ACX	276		97-31-59	81.1	+16.8	CLEAR
KSKU STERLING, KS	234 C2	94.7	50.0	38-13-50	74.3	53	73.215
LIC Fac. No. 431	BLH-20060629AET	148		98-18-53	30.3	+21.3	CLEAR

Larry Waggoner

06-24-2020

Project: K237DN

Site Coordinates: 37-39-10 North 98-44-33 West

NGDC 30-Second Database is used in Continental US

DEM-30 Database is used in AK, HI, and PR.

Azimuth	Elevation	HAAT	60 dBu
0	594	23	6.4 km
30	582	35	6.9 km
60	568	49	8.3 km
90	548	69	9.9 km
120	560	57	9.0 km
150	579	38	7.2 km
180	585	32	6.7 km
210	599	18	6.4 km
240	603	14	6.4 km
270	606	11	6.4 km
300	606	11	6.4 km
330	601	16	6.4 km

Data in (feet) meters

Overall Height Above Average Terrain: (102) 31 *

Site Elevation AMSL: (1,890) 576

Antenna Height Above Ground Level: (135) 41

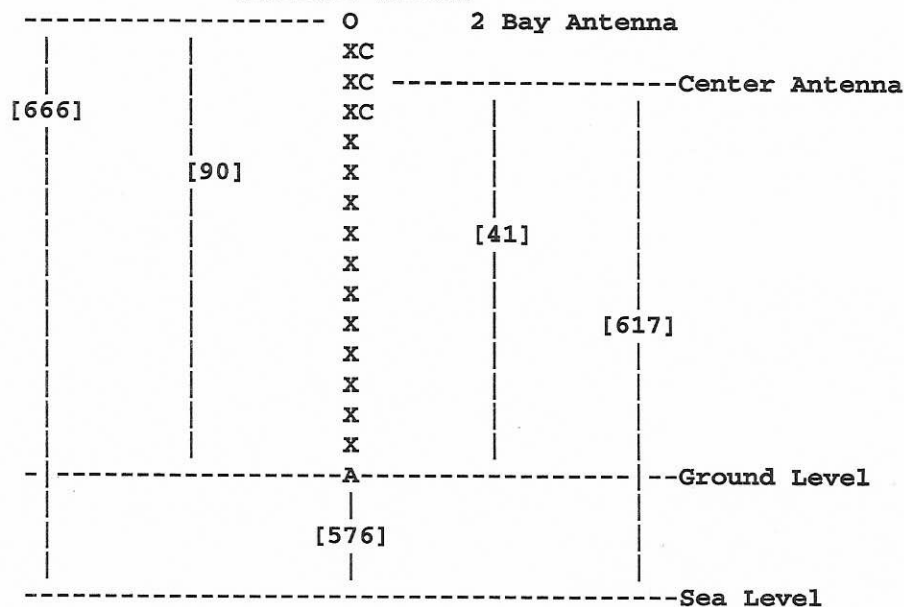
Antenna Center Above Sea Level: (2,025) 617

Overall Ground Average Terrain AMSL: (1,923) 586

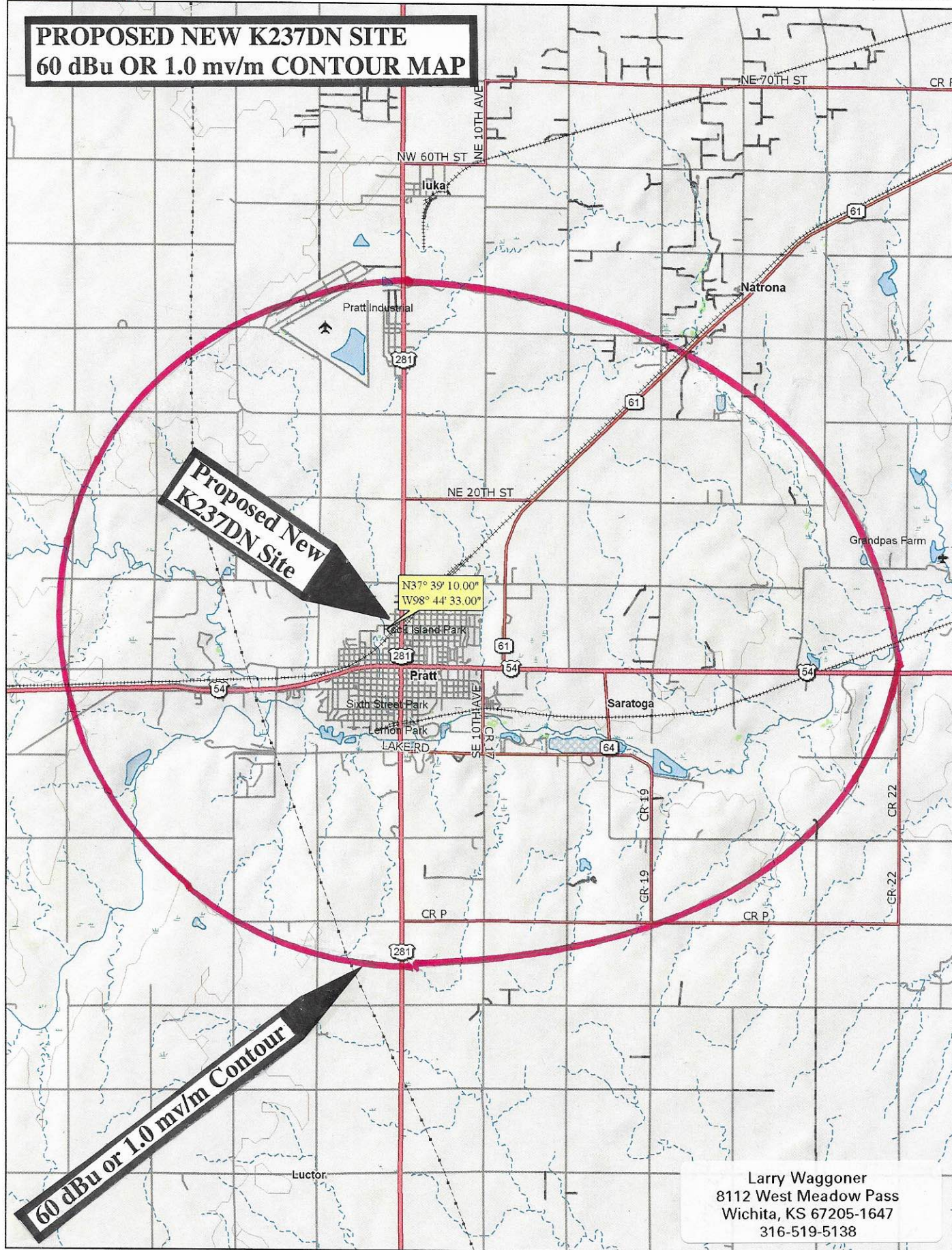
Effective Radiated Power: 0.1700 kW *

TV/FM Channel: 237

VERTICAL SKETCH



PROPOSED NEW K237DN SITE 60 dBu OR 1.0 mv/m CONTOUR MAP



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