

**TECHNICAL ATTACHMENT
NEW LFPM FOR SAGINAW, MICH**

PARAMETERS

Channel 244
 New Location: 43-24-46.1 N 83-56-34.0 W -- NAD 83
 Antenna AGL 38
 Tower Total 76.5 m (78.3 m)
 Antenna Ground 181.7
 Antenna COR 217.7
 HAAT 35.5
 Power 69
 ASRN 1210501

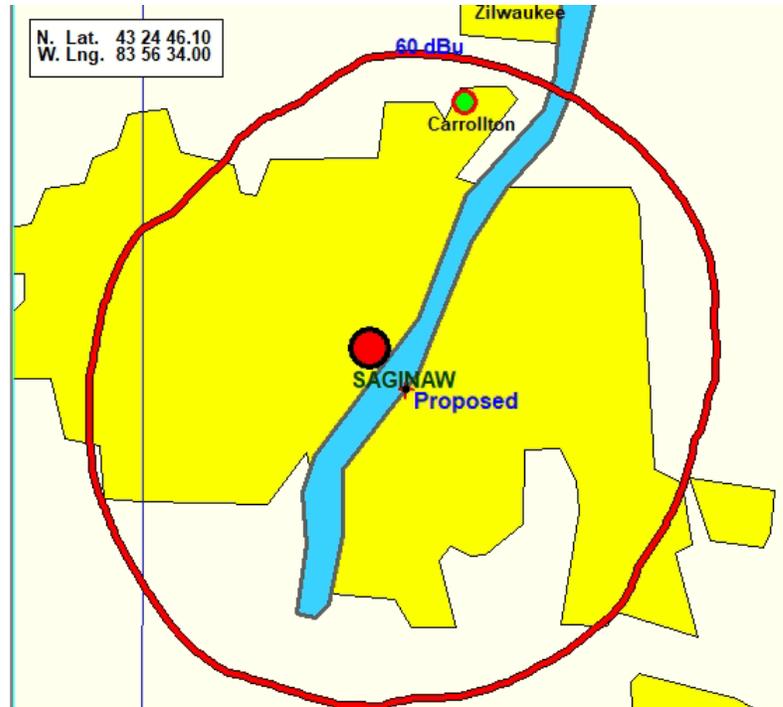
CHANNEL SPACING

REFERENCE 43 24 46.10 N. CLASS = L1 DISPLAY DATES 10-16-23
 83 56 34.00 W. Current Spacings to 2nd Adj. DATA SEARCH
 11-14-23

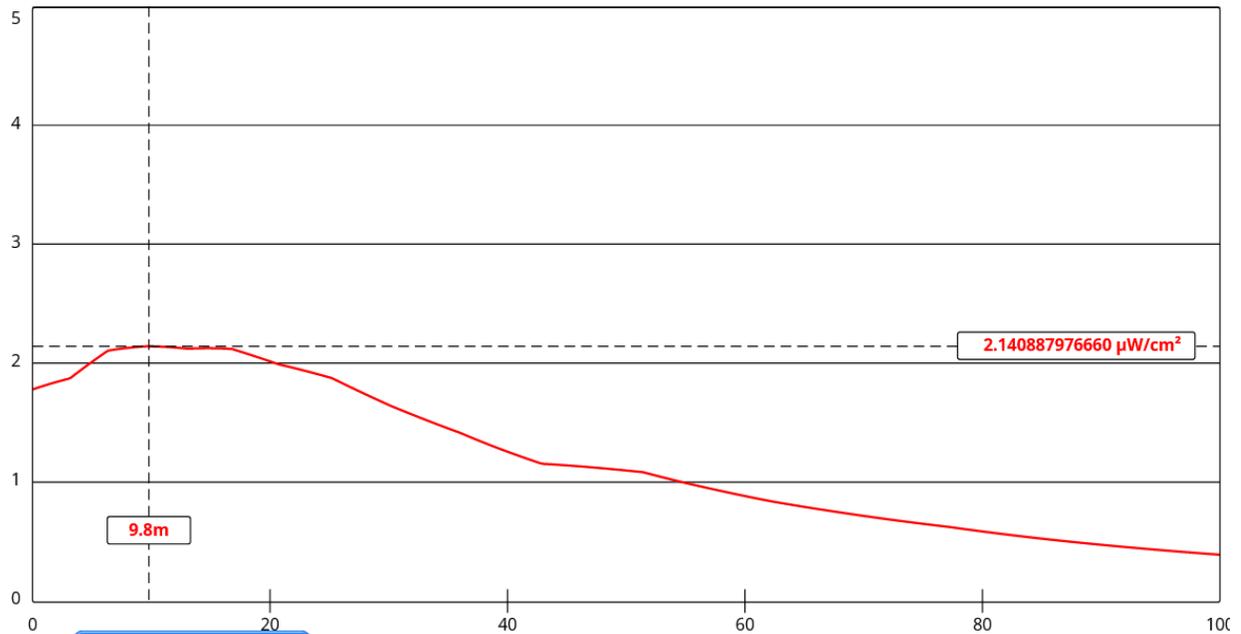
----- Channel 244 - 96.7 MHz -----

Call	Channel	Location	Azi	Dist	FCC	Margin
WWCM LIC	245A	Standish MI	355.7	69.39	55.5	13.9
WQHH LIC	243A	Dewitt MI	223.5	86.00	55.5	30.5
W244EN LIC-D	244D	Lapeer MI	145.5	69.22	38.5	30.7
W244BS LIC	244D	Alma MI	269.5	58.32	25.5	32.8
W243EA LIC	243D	Gladwin MI	321.2	77.59	27.5	50.1
WXYT-FM LIC	246B	Detroit MI	149.6	119.57	66.5	53.1
WDVD LIC	242B	Detroit MI	149.0	124.08	66.5	57.6
WBTI LIC-Z	245A	Lexington MI	100.8	116.34	55.5	60.8
WLAV-FM LIC-Z	245B	Grand Rapids MI	253.0	166.56	96.5	70.1
WUFN LIC-Z	244A	Albion MI	204.4	139.78	66.5	73.3

 Reference station has protected zone issue: Canada
 All separation margins include rounding



NON IONIZING ELECTROMAGNETIC RADIATION



A ring and stub was used to gauge the maximum RF for the proposal in OET program FM Model for Windows adapted to Javascript (69 watts, 1-bay, H+V-pol). The maximum predicted RF exposure was 2.1 $\mu\text{W}/\text{cm}^2$ at 9.8 m away, 1.1% of the FCC Maximum Permissible Exposure

(MPR) for $200 \mu\text{W}/\text{cm}^2$ for uncontrolled environments. 47 CFR 1.307(b)(3) exempts applicants from preparing an Environmental Assessment when the predicted exposure levels would be less than 5% of the FCC limits.

The site will have a sign regarding RF exposure hazards to tower climbers posted. If any work needs to be done around the structure the RF power will be temporarily shut off. This is a leased tower site with proper constraint to climbing access.