

Engineering Statement

**In Support of an
Application for a
Construction Permit**

**WTWR, Luna Pier, MI
Channel 252A**

WTWR FCC/Longley-Rice 70 dBu Contour Comparison Study

	Longley-Rice	(F50,50)	Percentage
<u>Azimuth</u>	<u>70 dBu Contour</u>	<u>70 dBu Contour</u>	<u>Change</u>
358.0	22.4	16.7	34.1%
359.0	21.5	16.7	28.7%
0.0	21.5	16.7	28.7%
1.0	21.6	16.7	29.3%
2.0	21.6	16.7	29.3%
3.0	21.6	16.7	29.3%
4.0	22.6	16.7	35.3%
5.0	22.5	16.7	34.7%
6.0	21.9	16.7	31.1%
7.0	21.6	16.7	29.3%
8.0	21.3	16.7	27.5%
9.0	21.3	16.7	27.5%
10.0	20.9	16.7	25.1%
11.0	20.8	16.7	24.6%