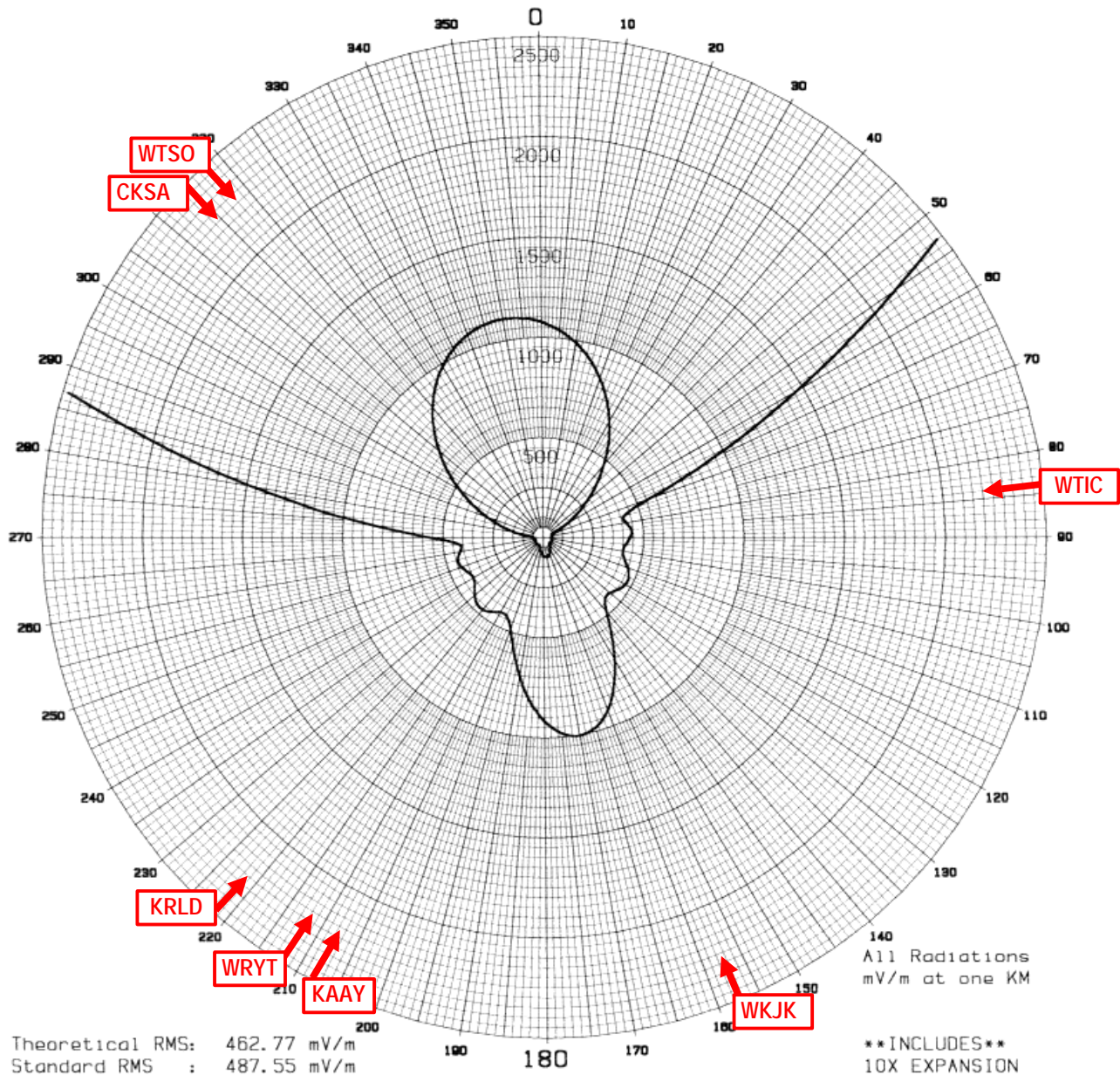


EXHIBIT 15.4

PLOTS OF HORIZONTAL PLANE DIRECTIONAL PATTERN



Theoretical RMS: 462.77 mV/m
Standard RMS : 487.55 mV/m
Theoretical RSS: 1522.45 mV/m

Tower Placement Sketch	Pattern Parameters	Figure 15.4A	Station Data																														
<div><div>o #1</div><div>o #2</div><div>o #3</div><div>o #4</div><div>N</div></div>	<table><tr><th>Twr No.</th><th>Field Ratio</th><th>Phase ing</th><th>Spacing ing</th><th>Bearing ing</th><th>Elev Hgt</th></tr><tr><td>1</td><td>0.388</td><td>-155.0</td><td>0.0</td><td>0.0</td><td>77.4</td></tr><tr><td>2</td><td>1.000</td><td>0.0</td><td>70.0</td><td>170.0</td><td>77.4*</td></tr><tr><td>3</td><td>0.943</td><td>154.5</td><td>70.0</td><td>170.0</td><td>77.4*</td></tr><tr><td>4</td><td>0.326</td><td>-51.0</td><td>70.0</td><td>170.0</td><td>77.4*</td></tr></table> <p>* referenced to preceding tower Nighttime Operation</p>	Twr No.	Field Ratio	Phase ing	Spacing ing	Bearing ing	Elev Hgt	1	0.388	-155.0	0.0	0.0	77.4	2	1.000	0.0	70.0	170.0	77.4*	3	0.943	154.5	70.0	170.0	77.4*	4	0.326	-51.0	70.0	170.0	77.4*	<p>Horizontal Plane Standard Pattern</p> <p>$\theta = 0^\circ$</p> <p>Prepared for: OAK LAWN, IL</p>	<p>Call: WNWI Freq: 1080 kHz Power: 2.60 kW Type : OA-N Time : Unlimited Latitude : N 41-38-36 Longitude: W 87-38-45</p> <p>Munn-Reese, Inc. of Coldwater, MI</p>
Twr No.	Field Ratio	Phase ing	Spacing ing	Bearing ing	Elev Hgt																												
1	0.388	-155.0	0.0	0.0	77.4																												
2	1.000	0.0	70.0	170.0	77.4*																												
3	0.943	154.5	70.0	170.0	77.4*																												
4	0.326	-51.0	70.0	170.0	77.4*																												

EXHIBIT 15.4

PLOT OF HORIZONTAL PLANE DIRECTIONAL PATTERN

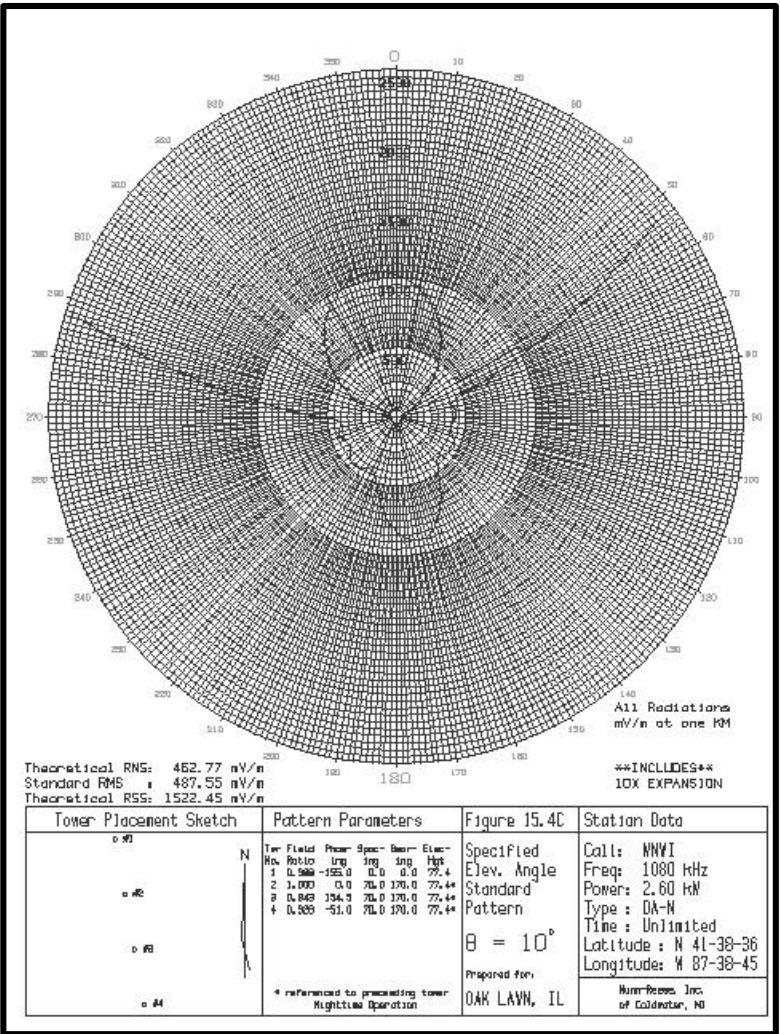
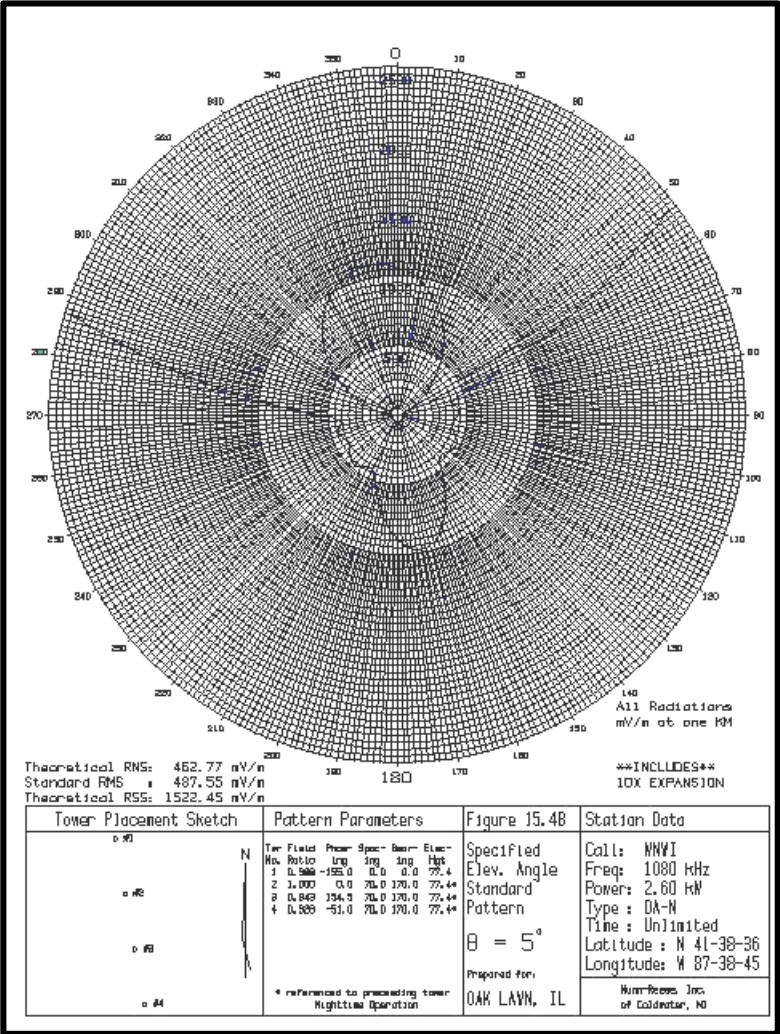


EXHIBIT 15.4

PLOT OF HORIZONTAL PLANE DIRECTIONAL PATTERN

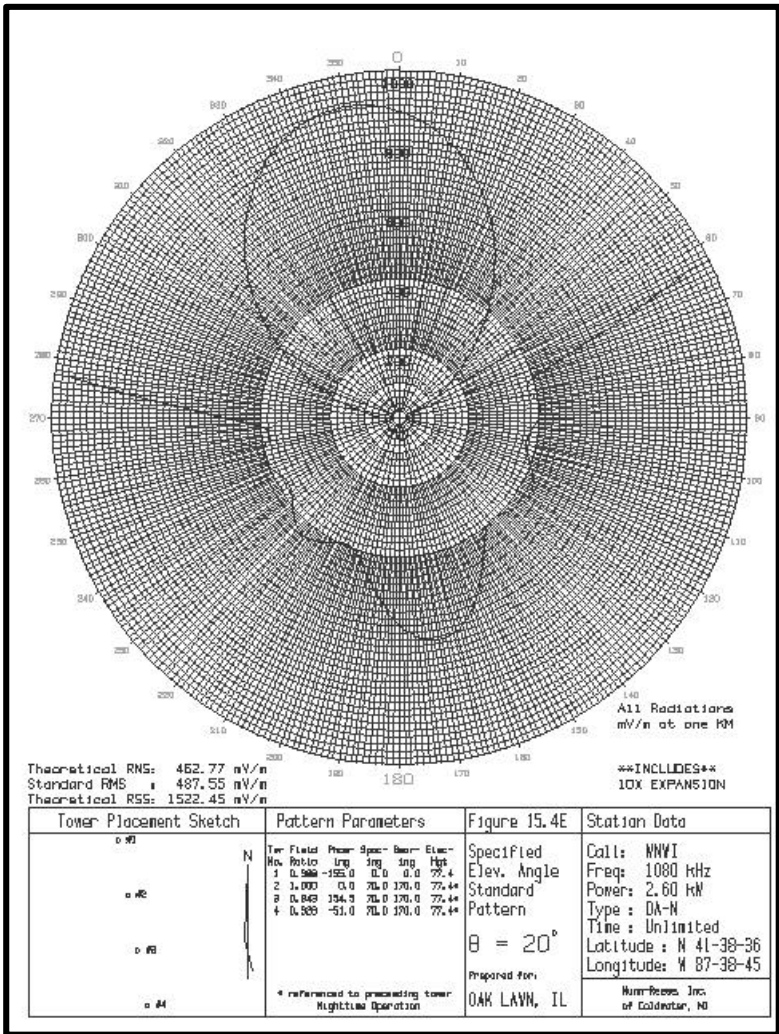
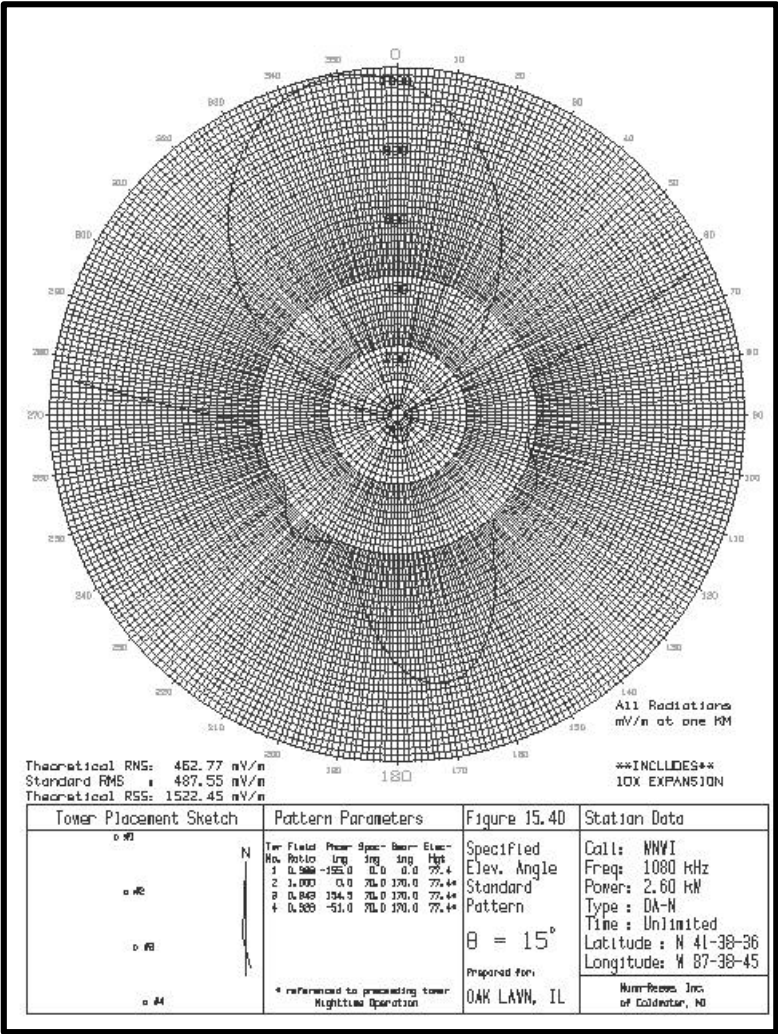
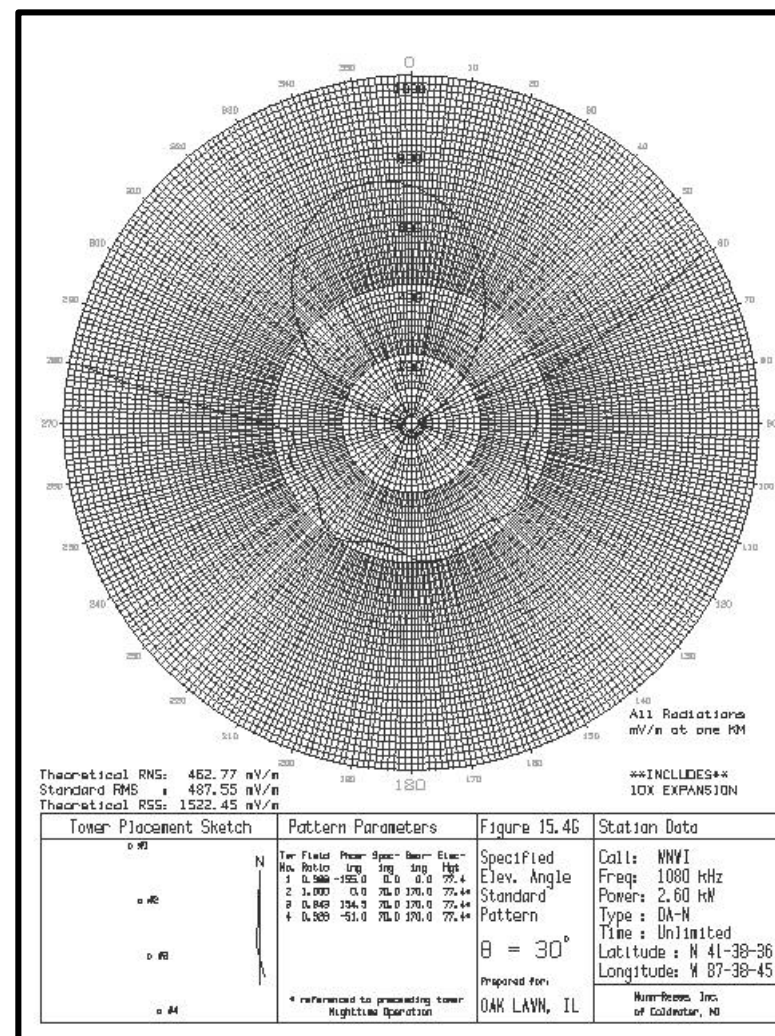
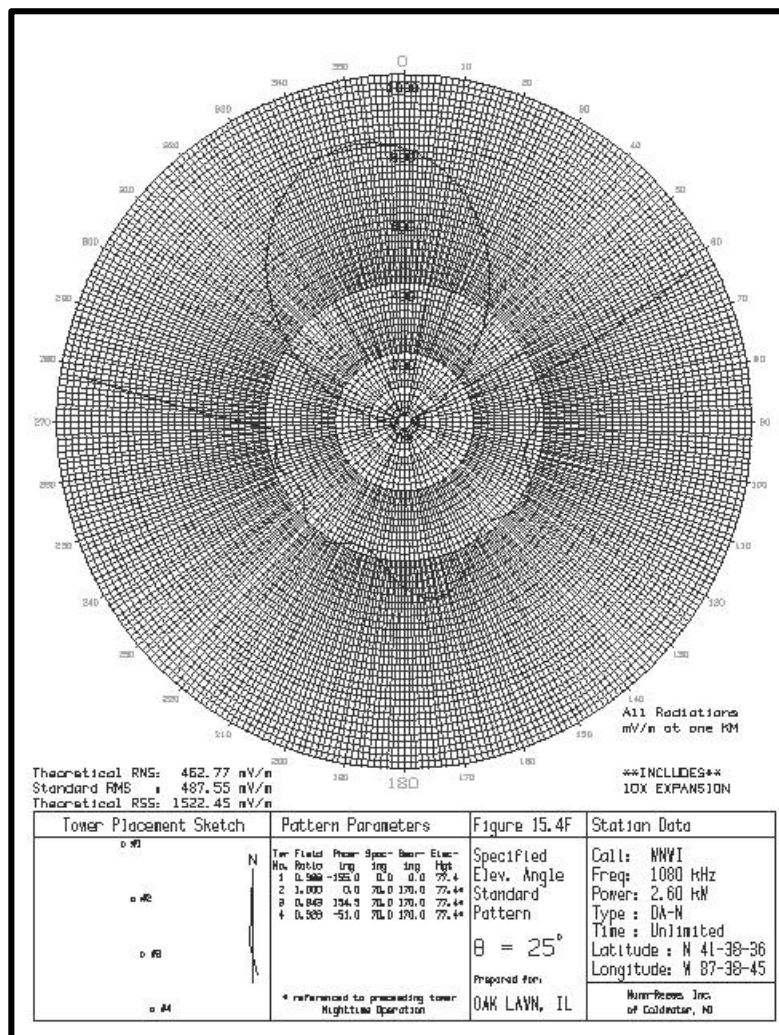


EXHIBIT 15.4

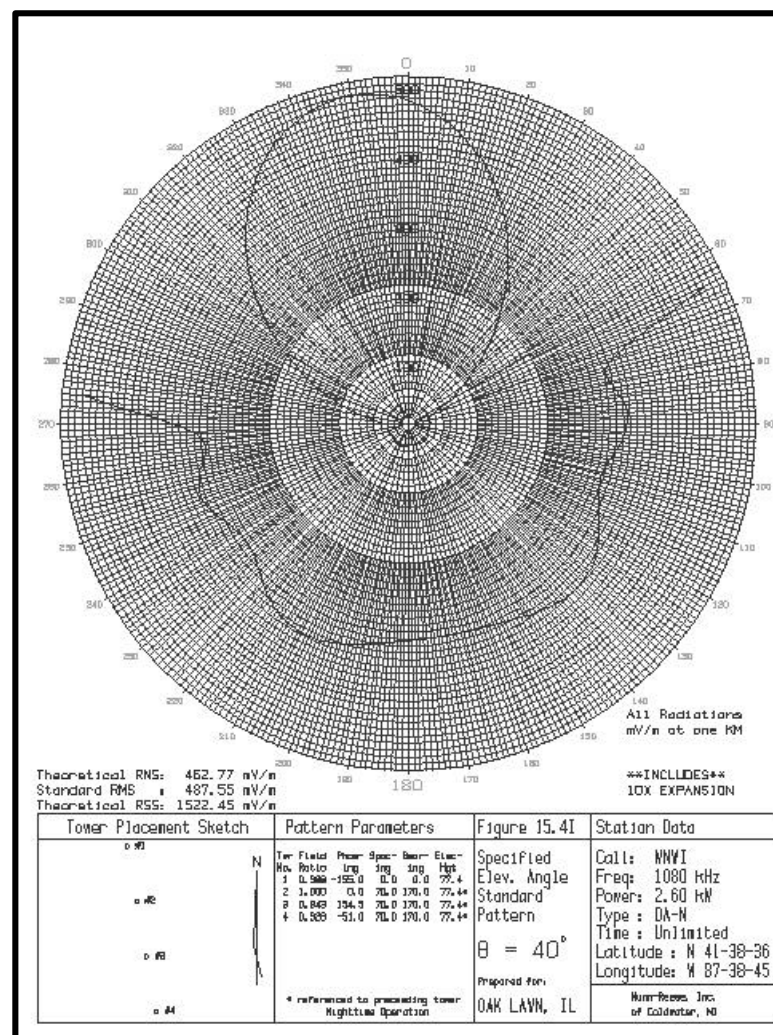
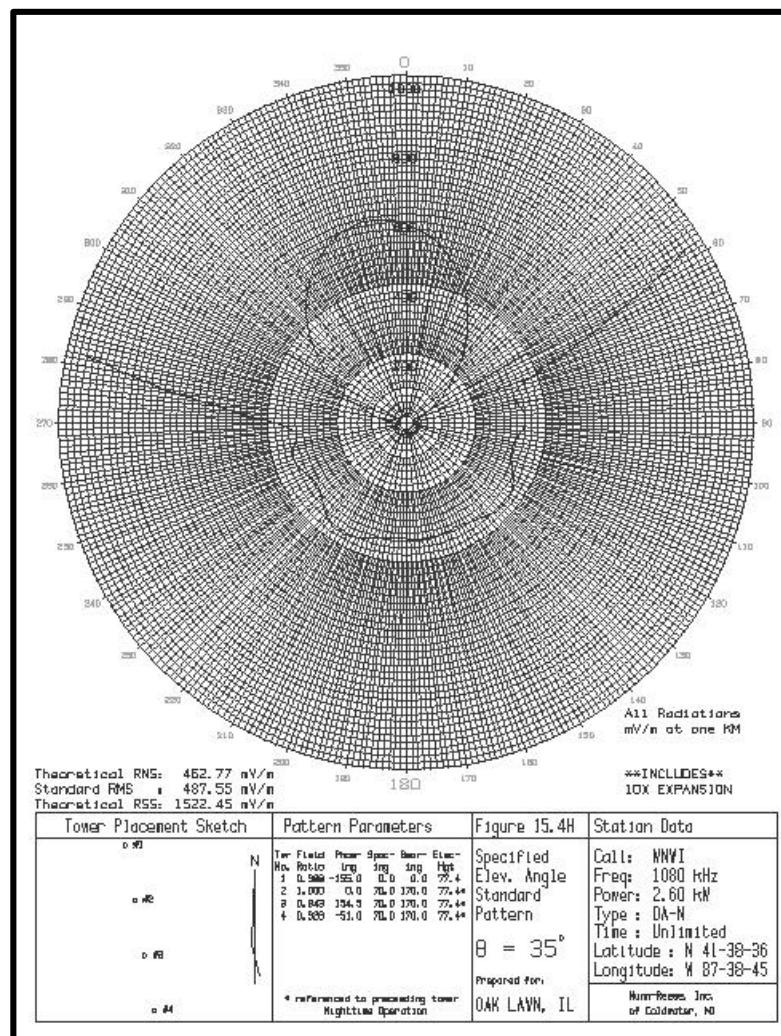
PLOT OF HORIZONTAL PLANE DIRECTIONAL PATTERN



MUNN-REESE, INC.
Broadcast Engineering Consultants
Coldwater, MI 49036

EXHIBIT 15.4

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EXHIBIT 15.4
PLOT OF HORIZONTAL PLANE DIRECTIONAL PATTERN

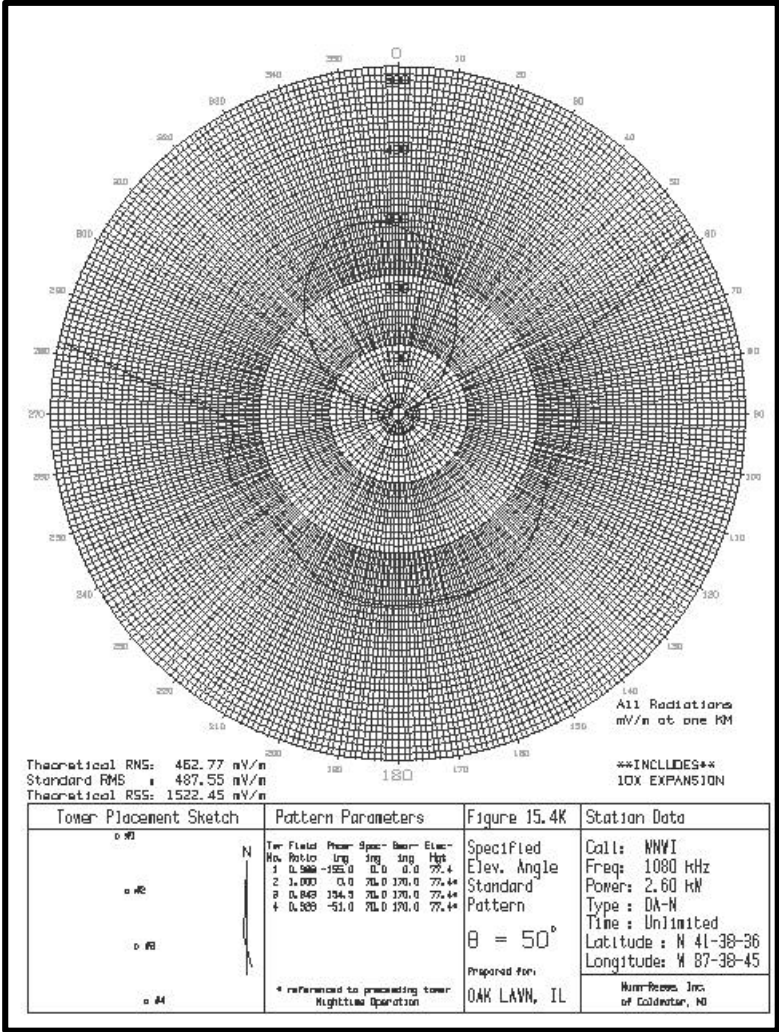
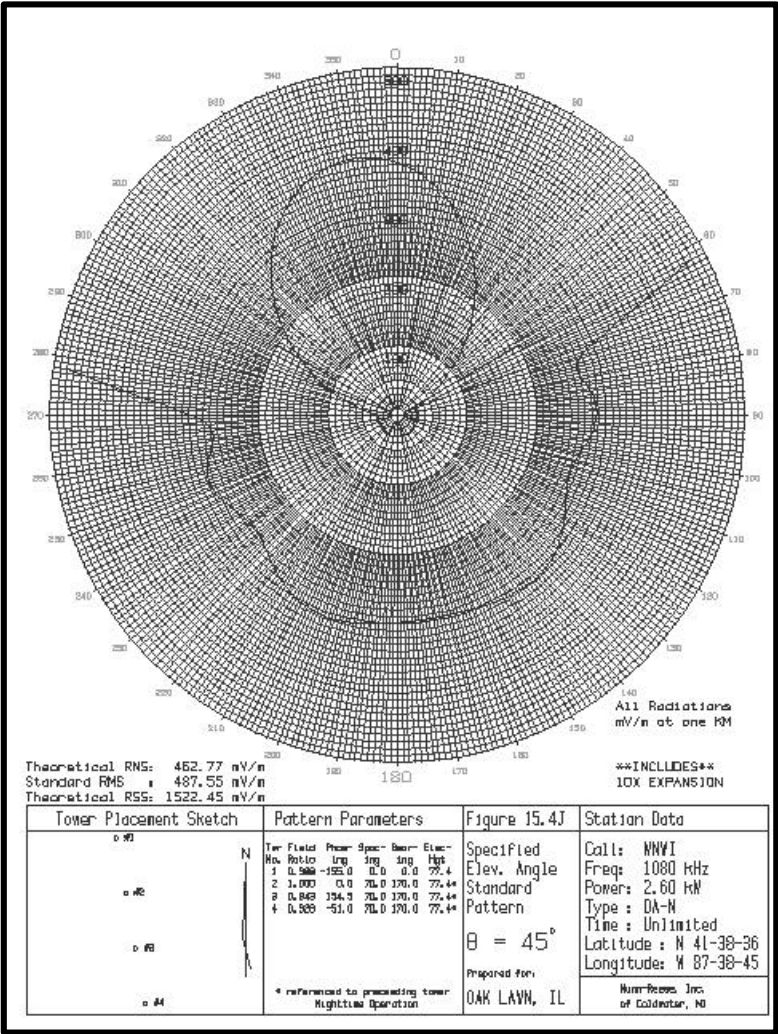


EXHIBIT 15.4

PLOT OF HORIZONTAL PLANE DIRECTIONAL PATTERN

