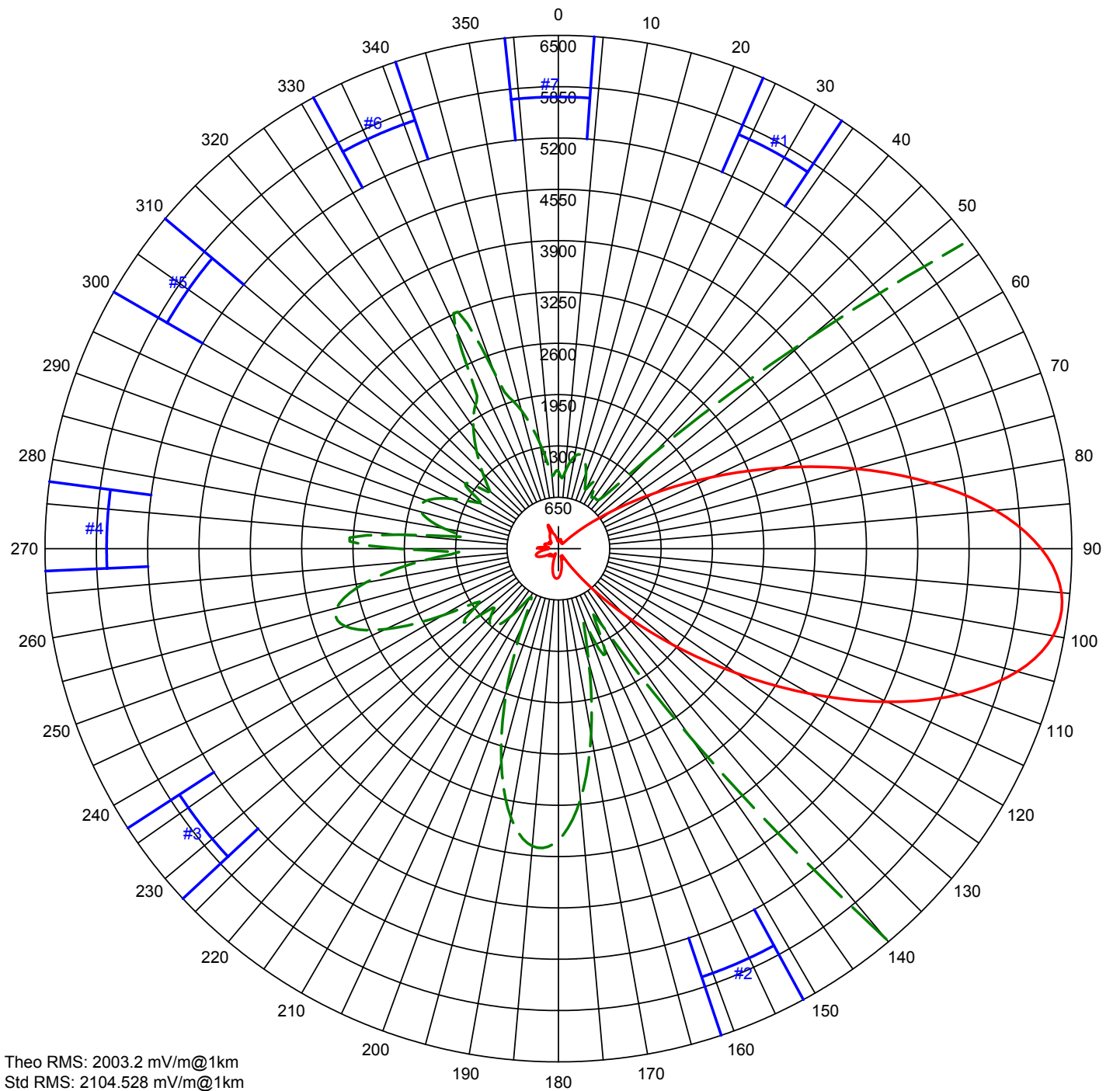


FIGURE 1: AUGMENTED NIGHT PATTERN



Theo RMS: 2003.2 mV/m@1km  
Std RMS: 2104.528 mV/m@1km  
Aug RMS: 2105.105 mV/m@1km  
Meas RMS: 0.0 mV/m@1km  
Q: 66.779 mV/m@1km

Horizontal Plane Augmented Pattern

— Aug Pattern (mV/m@1km)  
— Meas Pat (mV/m@1km)  
- - Aug Pattern X10  
- - Meas Pat X10

#	Field Ratio	Phase (deg)	Spacing (deg)	Orient (deg)	Height (deg)	Ref Swtch
1	1.000	0.0	0.0	0.0	180.0	0
2	0.510	-13.7	205.7	8.0	180.0	0
3	0.440	8.0	208.5	189.0	180.0	0
4	1.000	-95.0	90.0	100.0	180.0	0
5	0.470	-96.0	231.0	33.2	180.0	0
6	0.520	-84.0	230.0	166.8	180.0	0

#	Azimuth (deg)	Radiation (mV/m@1km)	Span (deg)
1	28.50	96.84	10.0
2	156.50	147.48	10.0
3	232.00	151.92	10.0
4	272.50	267.36	10.0
5	305.00	144.24	10.0
6	336.50	328.32	10.0
7	359.00	99.24	10.0

Call: WJXL  
Freq: 1010 kHz  
JACKSONVILLE BEACH, FL, US  
Lat: 30-17-57 N  
Lng: 082-00-26 W  
Power: 30.0 kW  
Theo RMS: 2003.20 mV/m @ 1km  
# of Augmentations: 7  
  
CHARLES A. HECHT & ASSOCIATES, INC.  
SEPTEMBER 2007