

Exhibit 7 - Table 1
ANTENNA / LINE SYSTEM GAINS AND LOSSES
prepared February, 2010 for
Three Notch Communications, LLC
WAAO-LD Andalusia, Alabama
Facility ID 15777
Ch. 40 15 kW

Proposed Effective Radiated Power:		15.0 kW	11.76 dBk
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<u>Antenna System</u>			
PSI Antenna Gain	Max Power Gain:	23.5	13.71 dB
Antenna Input Power:		0.638 kW	
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<u>Line and Other Losses</u>			
295 Feet 1 5/8" Helix	Efficiency:	0.6746	
	Loss:		1.71 dB
Total Efficiency:		0.6746	
Total Loss:			1.71 dB
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<u>Transmitter Power Output:</u>		0.946 kW	-0.24 dBk