

Exhibit 7 - Table 1
ANTENNA / LINE SYSTEM GAINS AND LOSSES
prepared April 2013 for
Guenter Marksteiner
WHDT(TV) Stuart, Florida
Facility ID 83929
Ch. 42 700 kW (MAX-DA) 439.3 m

Covers Construction Permit BMPCDT-20090115AFU

Authorized Effective Radiated Power:	700.00 kW	28.45 dBk
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Antenna System

Dielectric	Max Power Gain:	64.12	18.07 dB
TUA-SP4-12/48H-1-S-R			
	Antenna Input Power:	10.92 kW	10.38 dBk

Line Losses

Transmission line to antenna			
6" rigid line	Efficiency:	0.640	
	Loss:		1.94 dB
Combiner loss			
	Efficiency:	0.944	
	Loss:		0.25 dB
Transmission line			
60 feet of 6 1/8" rigid line	Efficiency:	0.983	
	Loss:		0.07 dB
50 to 75 ohm transformer			
	Efficiency:	0.977	
	Loss:		0.10 dB
Transmission line			
60 feet of 4 1/16" rigid line	Efficiency:	0.992	
	Loss:		0.03 dB
	Total Losses:		2.40 dB

<u>Transmitter Power Output:</u>	18.97 kW	12.78 dBk
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