

Exhibit 7 - Table 1
ANTENNA / LINE SYSTEM GAINS AND LOSSES
 prepared June 2009 for
Educational Broadcasting Corporation
 WNET-DT Newark, New Jersey
 Facility ID 18795
 Ch. 13 9.3 kW 405 m

License to Cover Construction Permit BMPCDT-20080421AAS

Authorized Effective Radiated Power:	9.3 kW	9.68 dBk
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<u>Antenna System</u>		
Dielectric THA-O4-2H/8UD2SP-2-HM	Max Power Gain:	4.50
		6.53 dB
Antenna Input Power:	2.07 kW	3.15 dBk
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<u>Line Losses</u>		
4 1/16" Rigid Line Length 555 ft	Efficiency:	0.88
	Loss:	0.54 dB
Combiner Loss	Efficiency:	0.96
	Loss:	0.16 dB
3 1/8" Rigid Line Length 290 ft	Efficiency:	0.91
	Loss:	0.41 dB
Total Losses:		1.11 dB
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<u>Transmitter Power Output:</u>	2.67 kW	4.27 dBk