

Exhibit 10 - Table 1
ANTENNA / LINE SYSTEM GAINS AND LOSSES
prepared February 2017 for
St. Joseph's Catholic Church and School
WXPB-LP, Athens, GA
Facility ID 192794
Ch. 296L1 0.072 kW 35.23 m HAAT

Proposed Effective Radiated Power:	0.028 kW	-15.53 dBk
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Antenna System

Shively Model 6822

Max Power Gain:	0.460	-3.37 dB
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Antenna Input Power:	0.061 kW	-12.16 dBk
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Line and Other Losses

185 feet, RFS LCF78-50J	Loss:	0.66 dB
7/8" foam-dielectric cable at 0.358 dB/100 feet		

20 feet, RFS LCF12-50J		
1/2" foam-dielectric cable at 0.684 dB/100 feet	Loss:	0.14 dB

Total Loss:	0.80 dB
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<u>Transmitter Power Output:</u>	0.073 kW	-11.36 dBk
	73 Watts	