Table 1

ANTENNA / LINE SYSTEM GAINS AND LOSSES

prepared May 2021 for

OMG FCC Licenses LLC

K278CW Astoria, Oregon

Facility ID 203229

Chan 278D 0.25 kW 216 m AMSL

Proposed Effective Radiated Power:	**0.250 kW**	**-6.02 dBk**

Antenna System

Shively 6812 2-bay, FW Omni

Max Power Gain:	1.007	0.03 dB
Antenna Input Power:	0.248 kW	**-6.05 dBk**

Line and Other Losses

139 feet, RFS LCF78-50JA 7/8" foam-dielectric cable at 0.673 dB/100 feet	Loss:	1.06 dB
No Additional Losses	Loss:	0.00 dB
	Total Loss:	1.06 dB

Transmitter Power Output:	**0.317 kW**	**-4.99 dBk**