Table 1

ANTENNA / LINE SYSTEM GAINS AND LOSSES

prepared June 2023 for

Equity Communications, L.P.

WZBZ(FM) Pleasantville, NJ

Facility ID 1306

Chan 257A 3.7 kW 763 m HAAT

Proposed Effective Radiated Power:	**3.700 kW**	**5.68 dBk**

Antenna System

Shively Labs 6842-5P-SS 5-bay, 1/2 wave

Max Power Gain:	1.641	2.15 dB
Antenna Input Power:	2.254 kW	**3.53 dBk**

Line and Other Losses

325 feet, Andrew JH7-50A 1-5/8" air-dielectric cable at 0.202 dB/100 feet	Loss:	0.66 dB
14 feet, Andrew AVA5-50FX 7/8" air-dielectric cable at 0.352 dB/100 feet	Loss:	0.05 dB
Combiner, Other Misc Losses: Shively Labs BR-6(3)F-6(3)F #36645	Loss:	0.40 dB
	Total Loss:	**1.11 dB**

Transmitter Power Output: (Rounded per §73.212)	**2.90 kW**	**4.64 dBk**