

New NCE License Application

202 A - 0.265 KW – 152 M AMSL

Tifton, Georgia

July 2022

Transmitter Power Output Calculation

Given:

ERP = 265 Watts

Antenna power gain = 1.495

Transmission Line Efficiency = 89.4%

Calculation:

265 Watts divided by the antenna gain of 1.495 = an antenna input of 177.2575 Watts

177.2575 Watts divided by the transmission line efficiency of 89.4% = 198.3 Watts

Per 73.212(a) 198.3 Watts rounds to 200 Watts TPO.

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| Bromo Communications, Inc. |
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