

TRANSMITTER POWER OUTPUT COMPUTATIONS
W201BE FCC CP #0000151402
BUFFALO, NEW YORK
MARCH 20, 2023

Authorized Circular ERP (80 watts)	FCC Specified	.080 kW
Antenna PSI Model PSIFMT-1A-6DB	Manufacturer specified gain =	0.82
Feedline RFS 1/2' heliax	Manufacturer specified efficiency =	80.63%
Other losses for jumpers		98.4%
Final TPO calculation: (123 watts)		0.123 kW

Note: Applicant will reduce power or cease operation as required to meet OET-65 RF safety guidelines.