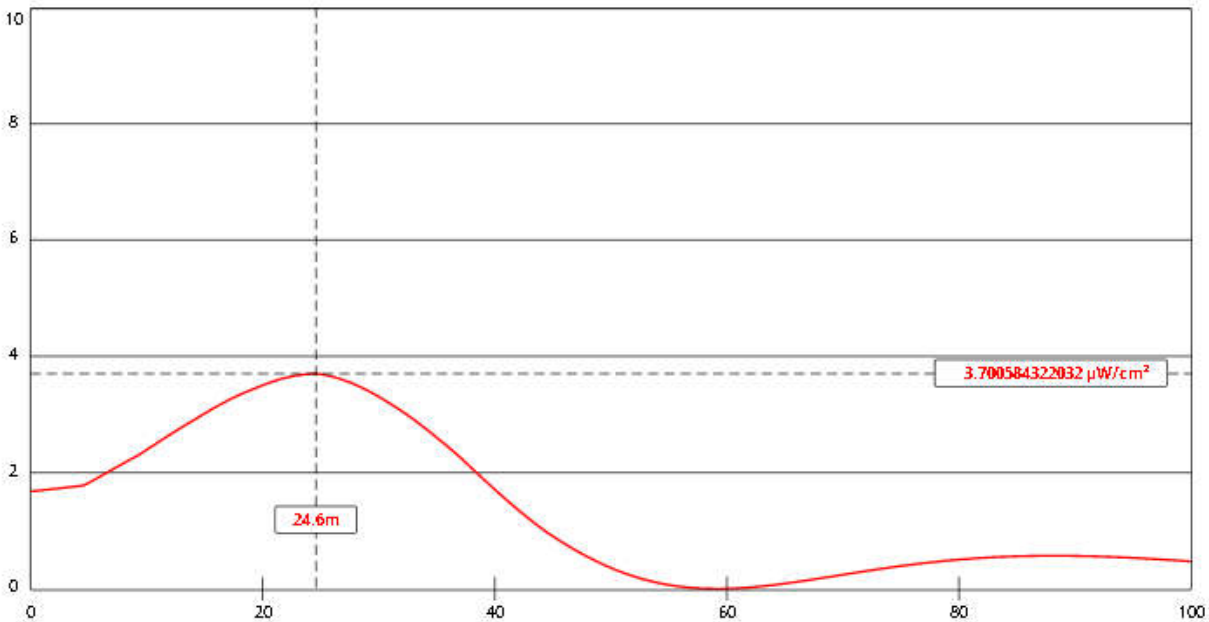


Power Density vs Distance
Proposed NEW Bronson, FL FAC# 768483
January 4, 2022



[View Tabular Results +](#)

Channel Selection	Channel 216 (91.1 MHz) ▼		
Antenna Type +	EPA Type 2: Opposed V Dipole ▼		
Height (m)	55	Distance (m)	100
ERP-H (W)	1000	ERP-V (W)	1000
Num of Elements	3	Element Spacing (λ)	1
Num of Points	500	Apply	

USING A 3 ELEMENT PSI FML-3-DA , EPA TYPE 2 ANTENNA SPACED AT 1.0 WAVELENGTH, FMModel predicts a maximum power density of 3.7 microwatts per square centimeter at a distance of 24.9 meters from the tower. This is less than 1.8% of the limit for general public exposure; hence, this application is categorically excluded from any further RF analysis. This application is therefore compliant with the guidelines for human exposure as specified in OET Bulletin No. 65, Edition 97-01, August 1997. Please refer to the attached Power Density vs Distance graph.