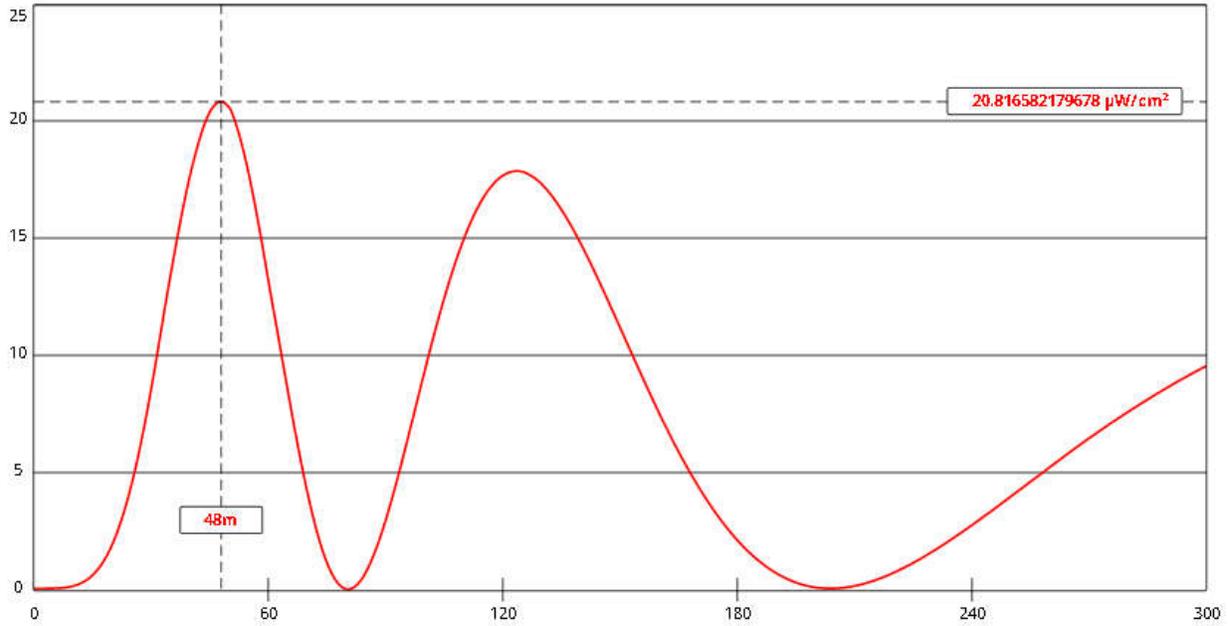


**Proposed NEW, Port St. Joe, FL FAC# 767259  
Environmental Protection  
11/2/2021**



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Channel Selection	Channel 208 (89.5 MHz) ▾		
Antenna Type +	EPA Type 2: Opposed V Dipole ▾		
Height (m)	<input type="text" value="74"/>	Distance (m)	<input type="text" value="300"/>
ERP-H (W)	<input type="text" value="90000"/>	ERP-V (W)	<input type="text" value="90000"/>
Num of Elements	<input type="text" value="4"/>	Element Spacing (λ)	<input type="text" value=".75"/>
Num of Points	<input type="text" value="500"/>	<input type="button" value="Apply"/>	

USING A 4-ELEMENT PSI FML-4-DA, EPA TYPE 2 ANTENNA, at .75 WAVELENGTH SPACING, FMMODEL PREDICTS A MAXIMUM POWER DENSITY OF 20.8 MICROWATTS PER SQUARE CENTIMETER AT A DISTANCE OF 48.0 METERS FROM THE TOWER. THIS REPRESENTS 10.4% OF THE 200 MICROWATT PER SQUARE CENTIMETER LIMIT FOR GENERAL PUBLIC EXPOSURE; HENCE, THIS APPLICATION IS 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.