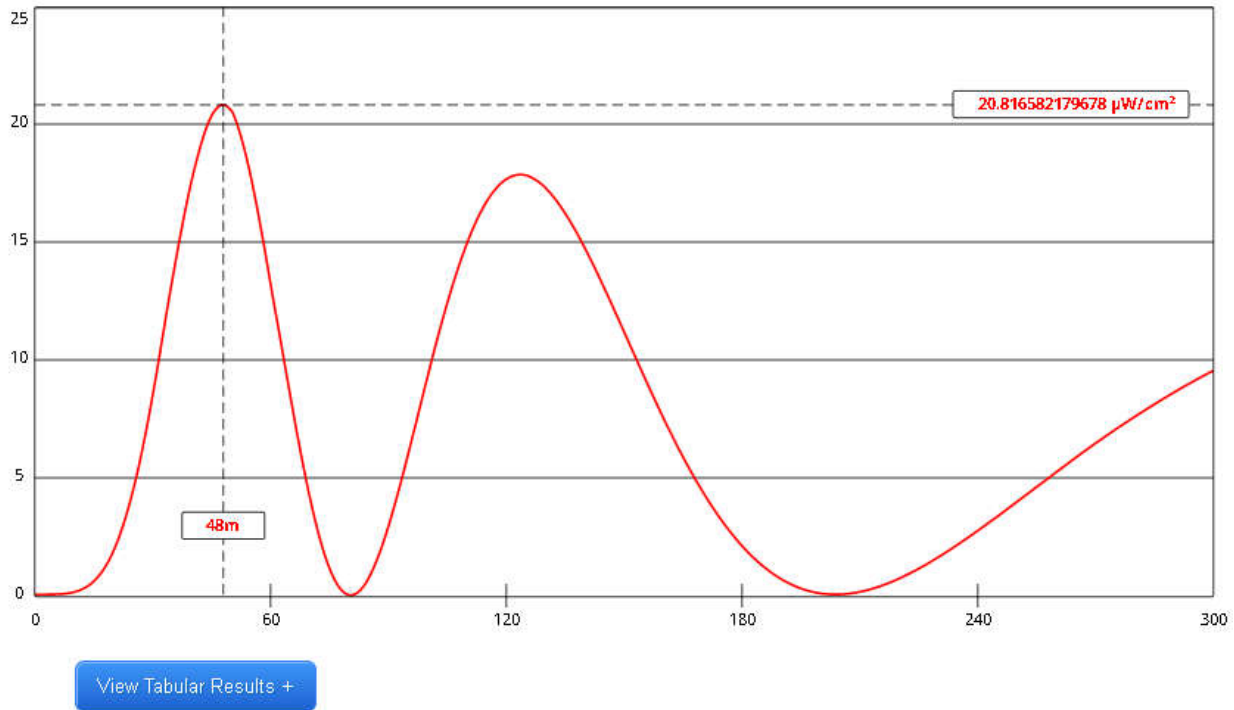


Proposed NEW, Port St. Joe, FL FAC# 767259
Environmental Protection
11/2/2021



Channel Selection	Channel 208 (89.5 MHz) ▼		
Antenna Type +	EPA Type 2: Opposed V Dipole ▼		
Height (m)	74	Distance (m)	300
ERP-H (W)	90000	ERP-V (W)	90000
Num of Elements	4	Element Spacing (λ)	.75
Num of Points	500	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.