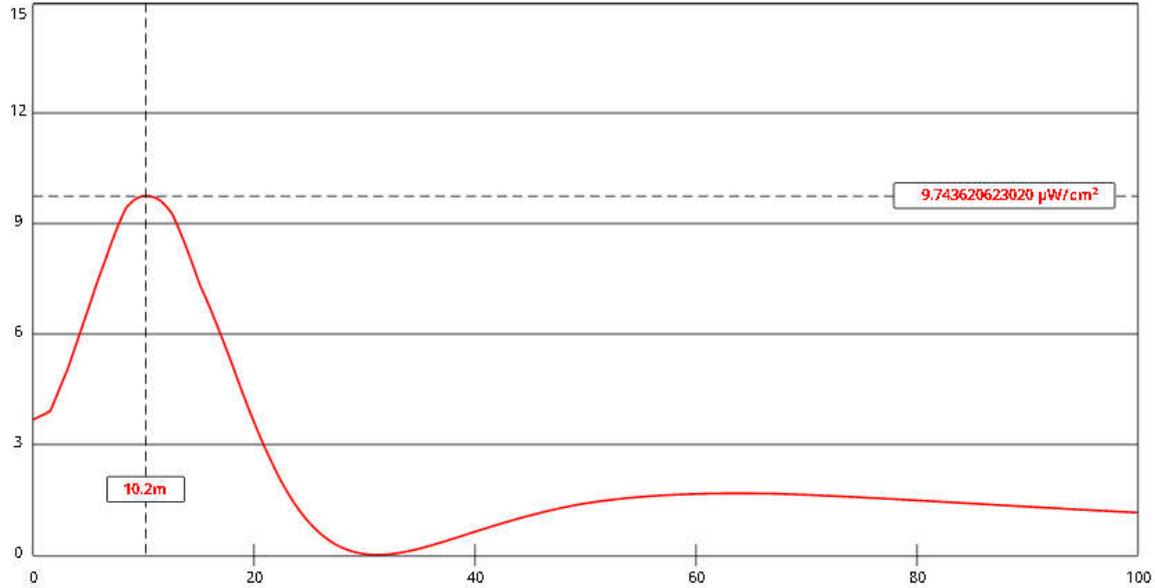


Proposed NEW Descanso, CA FAC# 767224
Power Density vs Distance
November 4, 2021



[View Tabular Results +](#)

Channel Selection	Channel 201 (88.1 MHz) ▼		
Antenna Type +	EPA Type 2: Opposed V Dipole ▼		
Height (m)	<input type="text" value="20"/>	Distance (m)	<input type="text" value="100"/>
ERP-H (W)	<input type="text" value="250"/>	ERP-V (W)	<input type="text" value="250"/>
Num of Elements	<input type="text" value="2"/>	Element Spacing (λ)	<input type="text" value="1"/>
Num of Points	<input type="text" value="500"/>	<input type="button" value="Apply"/>	

USING AN 2-ELEMENT PSI FML-2-DA, EPA TYPE 2 ANTENNA, SPACED AT 1.0 WAVELENGTH, FMMODEL PREDICTS A MAXIMUM POWER DENSITY OF 9.7 MICROWATTS PER SQUARE CENTIMETER AT A DISTANCE OF 10.2 METERS FROM THE TOWER. THIS IS LESS THAN 4.9% 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.