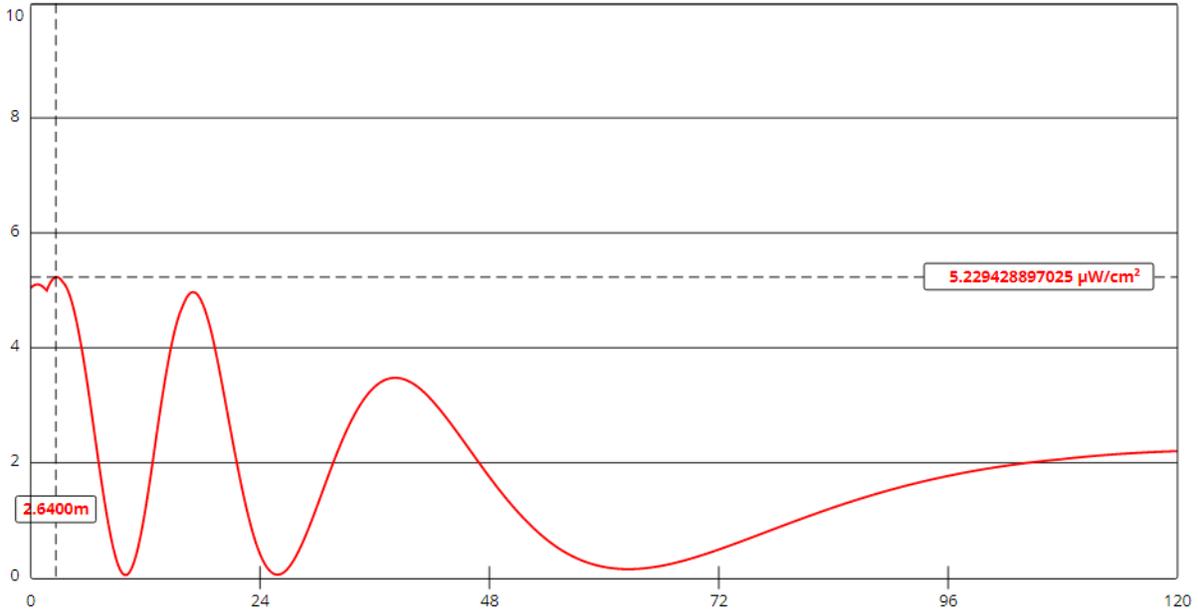


NEW, Joshua Tree, CA FAC# 768084
Environmental Protection
11/7/2021



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Channel Selection	Channel 209 (89.7 MHz) ▼		
Antenna Type +	EPA Type 2: Opposed V Dipole ▼		
Height (m)	21	Distance (m)	120
ERP-H (W)	1300	ERP-V (W)	1300
Num of Elements	4	Element Spacing (λ)	.85
Num of Points	500	Apply	

USING A 4-ELEMENT NICOM BKG77-4, EPA TYPE 2 ANTENNA AT .85 WAVELENGTH SPACING, FMMODEL PREDICTS A MAXIMUM POWER DENSITY OF 5.2 MICROWATTS PER SQUARE CENTIMETER AT A DISTANCE OF 2.6 METERS FROM THE TOWER. THIS REPRESENTS 2.6% 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.