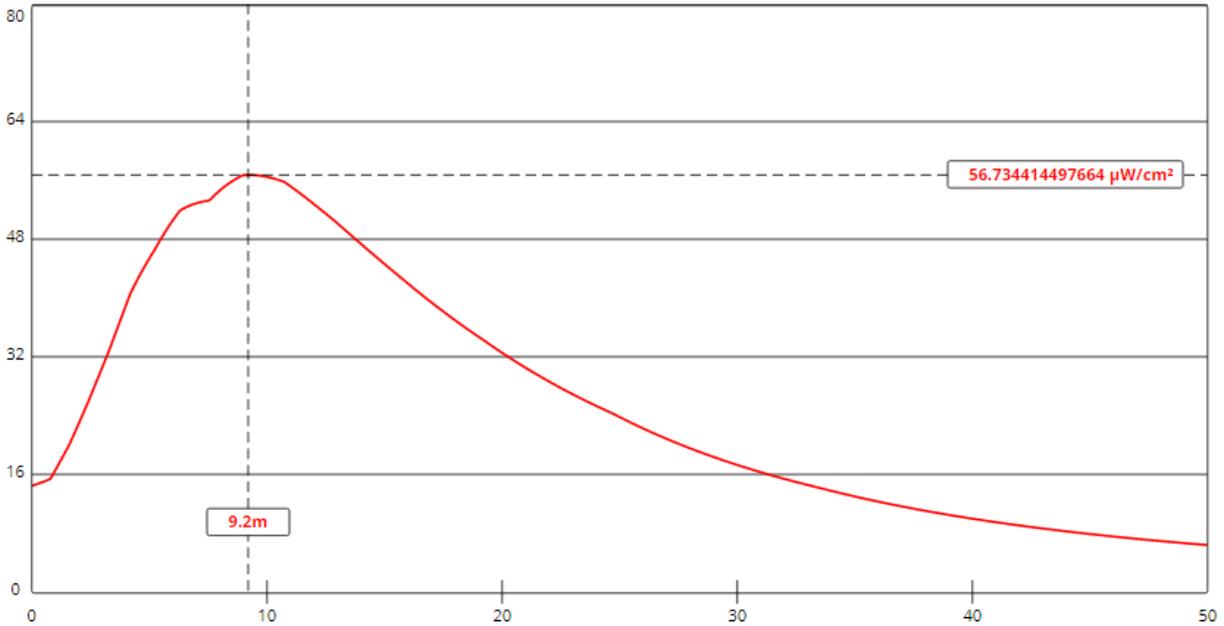


Rf Compliance K298CX, Afton, WY FAC# 202531

Power Density vs Distance



[View Tabular Results +](#)

Channel Selection	Channel 298 (107.5 MHz) ▼		
Antenna Type +	EPA Type 2: Opposed V Dipole ▼		
Height (m)	11	Distance (m)	50
ERP-H (W)	250	ERP-V (W)	250
Num of Elements	1	Element Spacing (λ)	1
Num of Points	500	Apply	

THIS PROPOSAL SPECIFIES A NICOM, MODEL BKG77, CIRCULARLY POLARIZED, DOUBLE V, EPA TYPE 2 ANTENNA. FM MODEL PREDICTS A MAXIMUM POWER DENSITY OF 56.7 MICROWATTS PER SQUARE CENTIMETER AT A DISTANCE OF 9.2 METERS FROM THE TOWER. THIS REPRESENTS 28.4% 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.