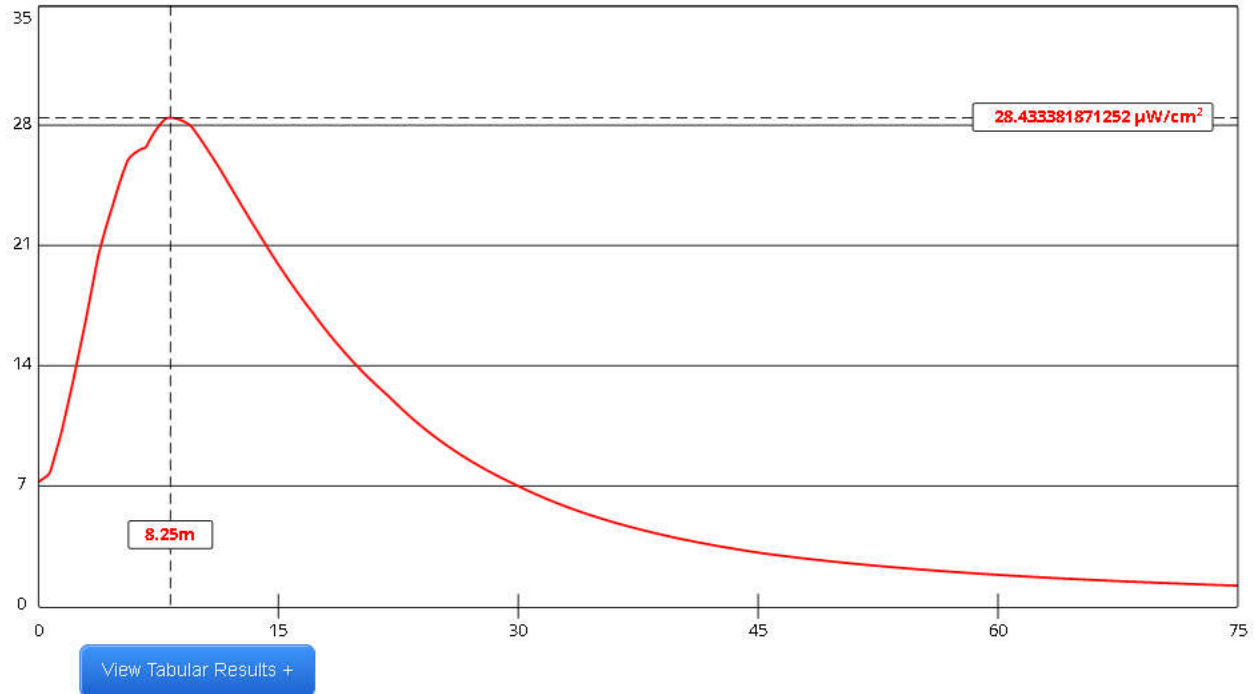


**NEW CLASS D, Palmer, AK
Power Density vs Distance
4/28/2022**



Channel Selection	Channel 269 (101.7 MHz) ▼		
Antenna Type +	EPA Type 2: Opposed V Dipole ▼		
Height (m)	10	Distance (m)	75
ERP-H (W)	99	ERP-V (W)	99
Num of Elements	1	Element Spacing (?)	1
Num of Points	500	Apply	

USING A ONE ELEMENT BEXT TFC2K, EPA TYPE 2 ANTENNA, FMMODEL PREDICTS A MAXIMUM POWER DENSITY OF 28.4 MICROWATTS PER SQUARE CENTIMETER AT A DISTANCE OF 8.3 METERS FROM THE TOWER. THIS IS LESS THAN 14.2% 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.