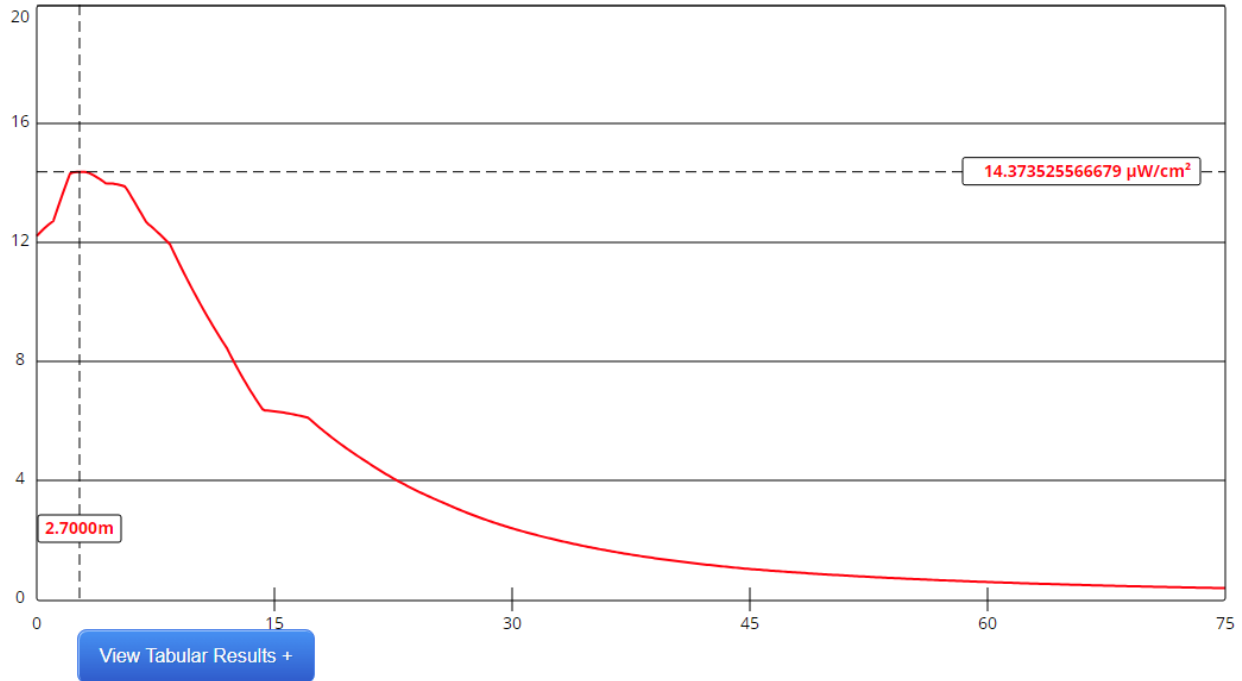


**Power Density VS Distance**  
**K294BU, Kingman, AZ FAC# 54322**  
**August 30, 2023**



Channel Selection	Channel 294 (106.7 MHz) ▼		
Antenna Type +	EPA Type 1: Ring-and-Stub or "Other" ▼		
Height (m)	14	Distance (m)	75
ERP-H (W)		ERP-V (W)	65
Num of Elements	1	$\lambda$	1
Num of Points	500	<a href="#">Apply</a>	

USING A SINGLE ELEMENT BEXT LOG-R , EPA TYPE 1 ANTENNA, FM MODEL PREDICTS A MAXIMUM POWER DENSITY OF 14.4 MICROWATTS PER SQUARE CENTIMETER AT A DISTANCE OF 2.7 METERS FROM THE TOWER. THIS REPRESENTS LESS THAN 7.2% OF THE 200 MICROWATS PER SQUARE CM LIMIT FOR GENERAL POPULATION 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.