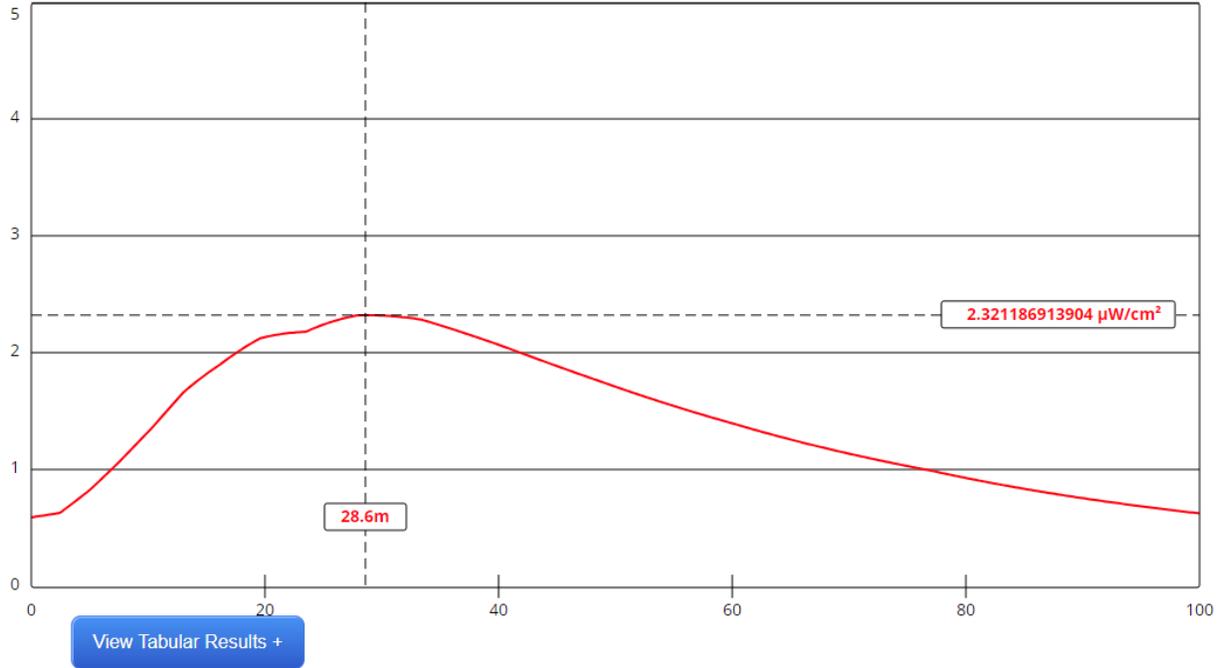


Power Density VS Distance
K213CQ, Salt Lake City, UT FAC# 89166
August 18, 2023



Channel Selection	Channel 213 (90.5 MHz) ▼		
Antenna Type +	EPA Type 2: Opposed V Dipole ▼		
Height (m)	30	Distance (m)	100
ERP-H (W)	99	ERP-V (W)	99
Num of Elements	1	λ	1
Num of Points	500	Apply	

USING A SINGLE ELEMENT, PSI FML-DA, EPA TYPE 2 ANTENNA, FM MODEL PREDICTS A MAXIMUM POWER DENSITY OF 2.3 MICROWATTS PER SQUARE CENTIMETER AT A DISTANCE OF 28.6 METERS FROM THE TOWER. THIS REPRESENTS LESS THAN 5.0% OF THE 200 MICROWATS PER SQUARE CM LIMIT FOR GENERAL POPULATION EXPOSURE; HENCE, THIS APPLICATION IS CATEGORICALLY EXCLUDED FROM FURTHER ANALYSIS AND 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.