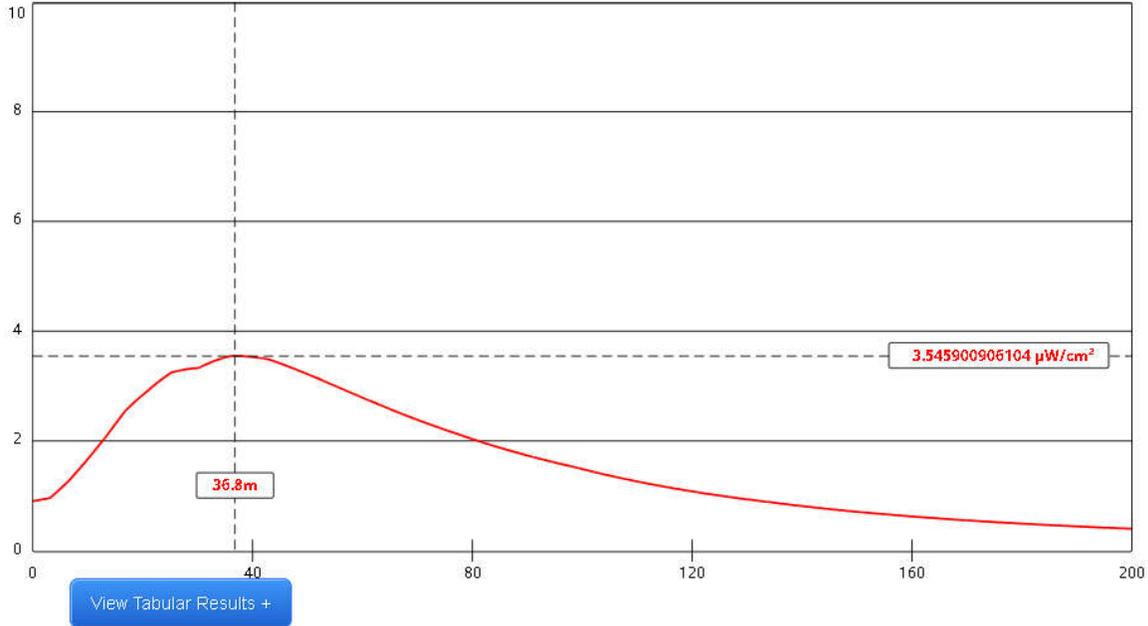


Power Density VS Distance
K288FT, Portland, OR FAC# 138942
August 28, 2023



Channel Selection	Channel 288 (105.5 MHz) ▼		
Antenna Type ▾	EPA Type 2: Opposed V Dipole ▼		
Height (m)	38	Distance (m)	200
ERP-H (W)	250	ERP-V (W)	250
Num of Elements	1	λ	1
Num of Points	500	Apply	

USING A SINGLE ELEMENT, PSI FML-1-DA, EPA TYPE 2 ANTENNA, FM MODEL PREDICTS A MAXIMUM POWER DENSITY OF 3.5 MICROWATTS PER SQUARE CENTIMETER AT A DISTANCE OF 36.8 METERS FROM THE TOWER. THIS REPRESENTS LESS THAN 5% OF THE 200 MICROWATS PER SQUARE CM LIMIT FOR GENERAL POPULATION EXPOSURE, SO THIS PROPOSAL IS CATEGORICALLY EXCLUDED FROM FURTHER RF 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.