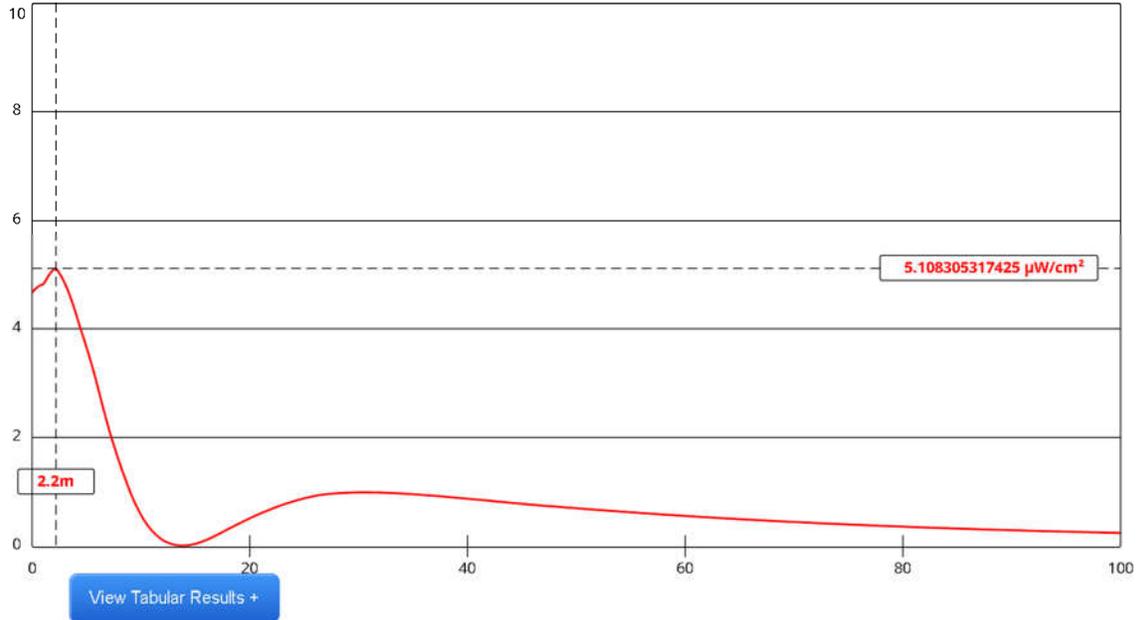


Power Density VS Distance
K220JW, Las Vegas, NV FAC#122267
February 15, 2024



Channel Selection	Channel 220 (91.9 MHz) ▾		
Antenna Type +	EPA Type 1: Ring-and-Stub or "Other" ▾		
Height (m)	14.3	Distance (m)	100
ERP-H (W)	41	ERP-V (W)	41
Num of Elements	2	λ	.75
Num of Points	500	Apply	

USING A TWO ELEMENT BEXT TFC2K-2 , EPA TYPE 2 ANTENNA AT ¼ WAVELENGTH SPACING, FM MODEL PREDICTS A MAXIMUM POWER DENSITY OF 5.1 MICROWATTS PER SQUARE CENTIMETER AT A DISTANCE OF 2.2 METERS FROM THE TOWER. THE TRANSMIT ANTENNA IS MOUNTED AT AGL 146.3M WHICH IS 14.3M ABOVE THE ROOF. THIS REPRESENTS LESS THAN 5% OF THE 200 MICROWATS PER SQUARE CM LIMIT FOR GENERAL POPULATION EXPOSURE SO THE APPLICATION IS CATEGORICALY EXCLUDED FROM FURTHER ANALYSIS. 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. FURTHERMORE THE TRANSMIT TOWER IS LOCATED ON THE ROOF OF THE HOTEL WITH ADEQUATE WARNING SIGNS AND LOCKED ACCESS TO THE GENERAL POPULATION.