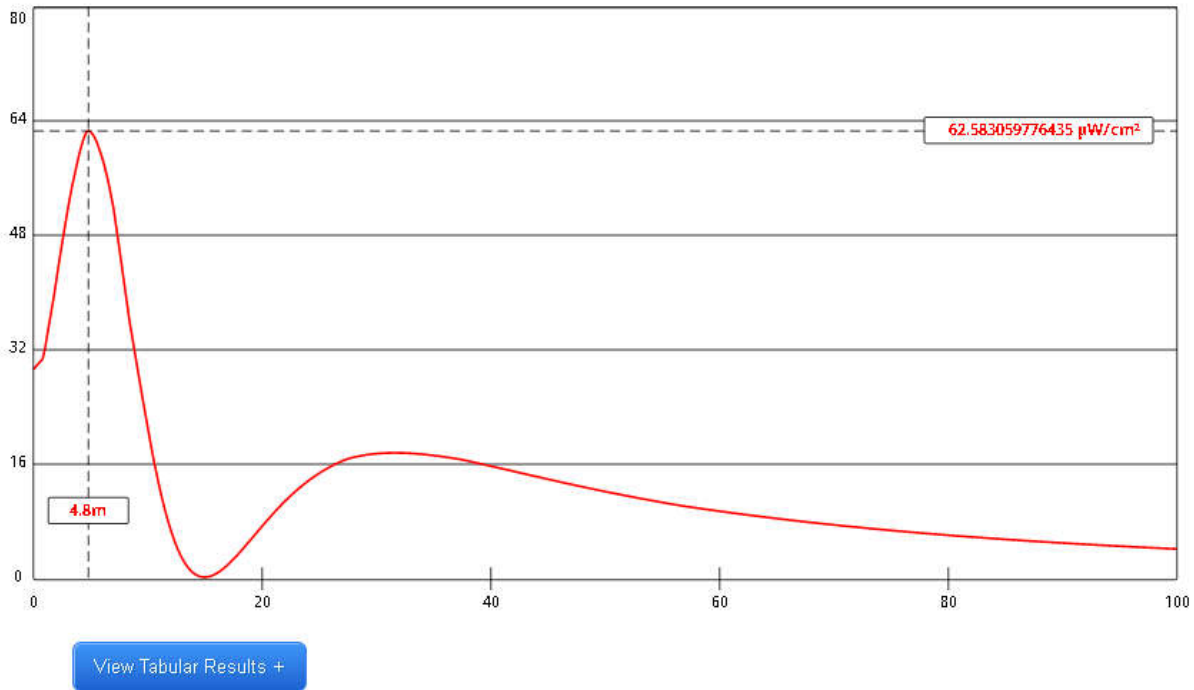


Rf Compliance
KVJC, Globe, AZ FAC# 91804
5/25/2021

Power Density vs Distance



Channel Selection	Channel 220 (91.9 MHz) ▼		
Antenna Type +	EPA Type 2: Opposed V Dipole ▼		
Height (m)	<input type="text" value="12"/>	Distance (m)	<input type="text" value="100"/>
ERP-H (W)	<input type="text" value="660"/>	ERP-V (W)	<input type="text" value="660"/>
Num of Elements	<input type="text" value="2"/>	Element Spacing (λ)	<input type="text" value=".9"/>
Num of Points	<input type="text" value="500"/>	<input type="button" value="Apply"/>	

THIS PROPOSAL SPECIFIES A 2 ELEMENT, BEXT TFC2K DOUBLE V, EPA TYPE 2 ANTENNA AT .9 WAVE SPACING. FM MODEL PREDICTS A MAXIMUM POWER DENSITY OF 62.6 MICROWATTS PER SQUARE CENTIMETER AT A DISTANCE OF 4.80 METER FROM THE TOWER. THIS REPRESENTS 31.6% 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.