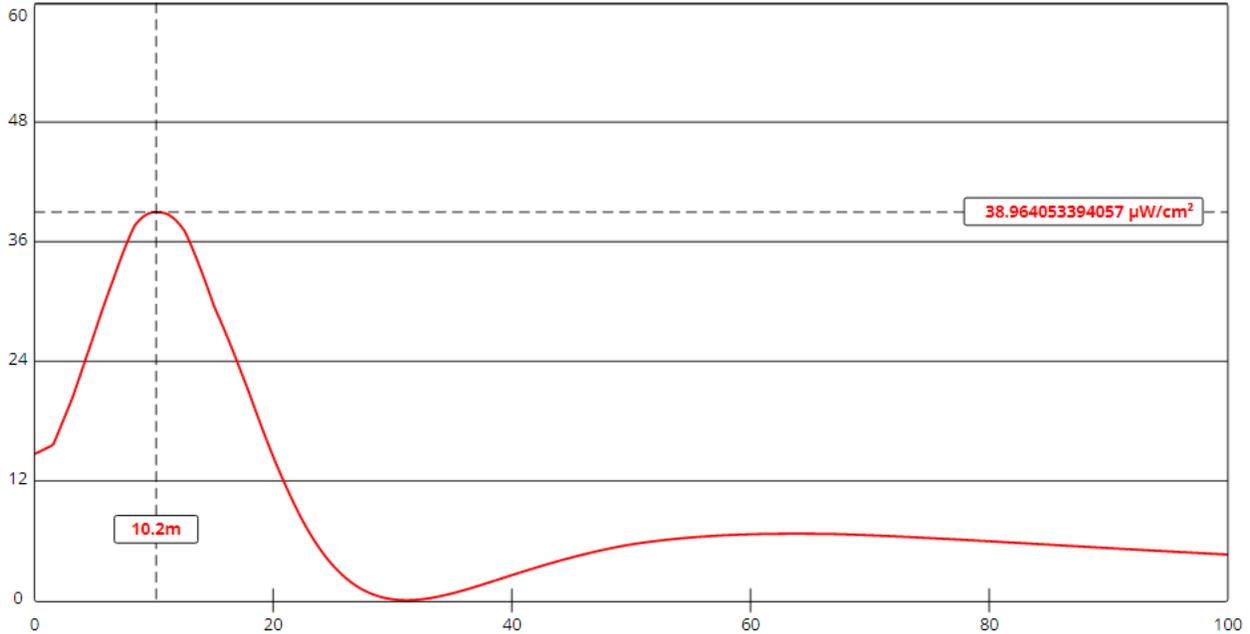


NEW, Winslow, AZ FAC# 768400
Environmental Protection
11/8/2021



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Channel Selection	Channel 209 (89.7 MHz) ▾		
Antenna Type +	EPA Type 2: Opposed V Dipole ▾		
Height (m)	<input type="text" value="20"/>	Distance (m)	<input type="text" value="100"/>
ERP-H (W)	<input type="text" value="1000"/>	ERP-V (W)	<input type="text" value="1000"/>
Num of Elements	<input type="text" value="2"/>	Element Spacing (λ)	<input type="text" value="1"/>
Num of Points	<input type="text" value="500"/>	<input type="button" value="Apply"/>	

USING A 2-ELEMENT NICOM BKG77-2, EPA TYPE 2 ANTENNA, AT FULL WAVE SPACING, FMMODEL PREDICTS A MAXIMUM POWER DENSITY OF 39.0 MICROWATTS PER SQUARE CENTIMETER AT A DISTANCE OF 10.2 METERS FROM THE TOWER. THIS REPRESENTS 20.0% OF THE 200 MICROWAT PER CENTIMETER SQUARED LIMIT FOR GENERAL PUBLIC EXPOSURE. THIS APPLICATION IS THEREFORE 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.