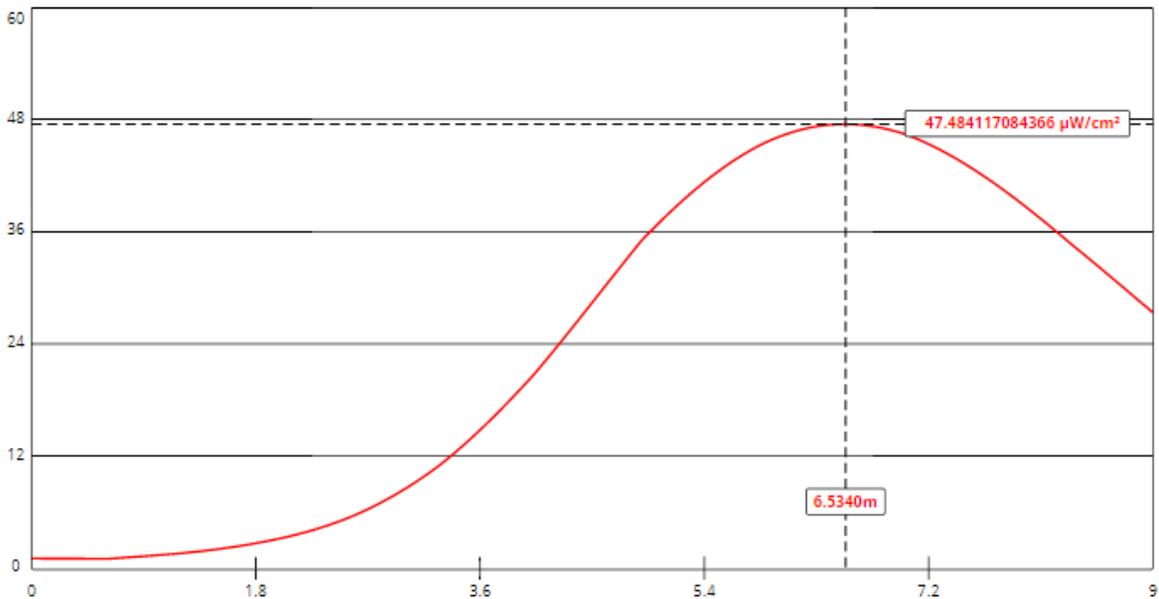


WIVI RF SHOWING FOR FORM 302

The WIVI form 302 specifies an EPA type 3 ERI 100A four bay 1/2 wave spaced antenna which produces a maximum RF level of 47.48 $\mu\text{W}/\text{cm}^2$ (see below). This is less than the 96.9 $\mu\text{W}/\text{cm}^2$ which would have been produced by the EPA type 1 Shively Versatune four bay 1/2 wave spaced antenna specified in the application. Therefore, the RF condition contained in the construction permit has been met.

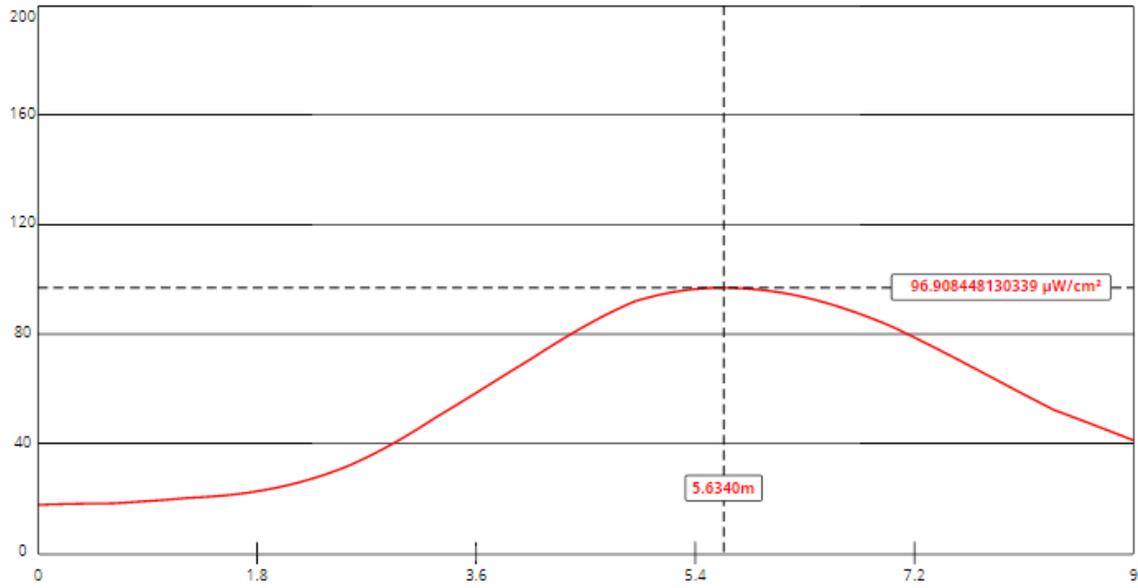
ERI 100A FM MODEL



[View Tabular Results +](#)

Channel Selection	Channel 271 (102.1 MHz) ▼		
Antenna Type +	EPA Type 3: Opposed U Dipole ▼		
Height (m)	<input type="text" value="9"/>	Distance (m)	<input type="text" value="9"/>
ERP-H (W)	<input type="text" value="1750"/>	ERP-V (W)	<input type="text" value="1750"/>
Num of Elements	<input type="text" value="4"/>	Element Spacing (λ)	<input type="text" value=".5"/>
Num of Points	<input type="text" value="500"/>	<input type="button" value="Apply"/>	

SHIVELY VERSATUNE FM MODEL



[View Tabular Results +](#)

Channel Selection	Channel 271 (102.1 MHz) ▼		
Antenna Type +	EPA Type 1: Ring-and-Stub or "Other" ▼		
Height (m)	<input type="text" value="9"/>	Distance (m)	<input type="text" value="9"/>
ERP-H (W)	<input type="text" value="1750"/>	ERP-V (W)	<input type="text" value="1750"/>
Num of Elements	<input type="text" value="4"/>	Element Spacing (λ)	<input type="text" value=".5"/>
Num of Points	<input type="text" value="500"/>	<input type="button" value="Apply"/>	

Charles M. Anderson 8-09-2017