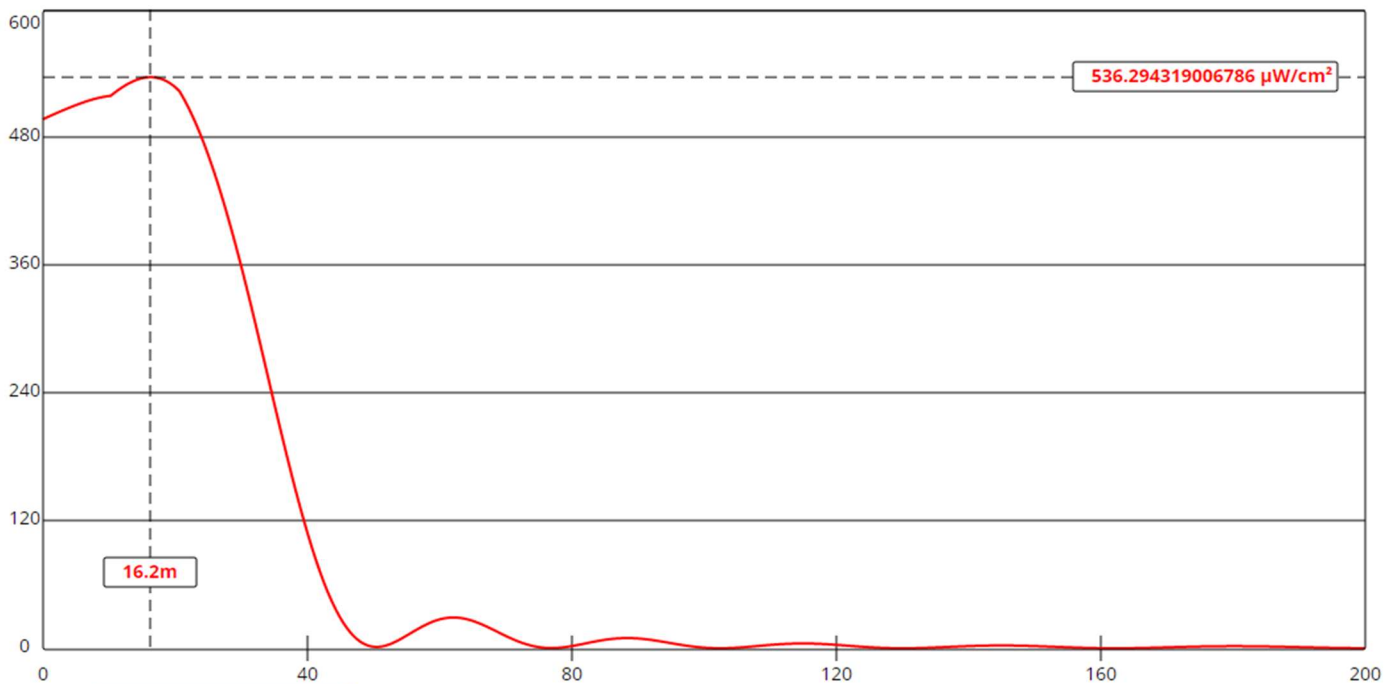


FCC FM MODEL RESULTS

WRVQ(FM) MINOR MOD TO LICENSED MAIN 200 kW ERP H&V
RC 137.3 M AGL RCA BFC-12B 94.5 MHz BLH-6152
RICHMOND, VIRGINIA
OCTOBER 2022

MAX POWER DENSITY 536.3 MICROWATTS

The site is not accessible to the public due to a locked fence at the access road entrance and otherwise the site is totally enveloped by heavily forested area. The tower base is protected by a circular fence with a radius of 21.3 meters. See satellite view on the following page.
The station will reduce power or cease operation as required to meet OET-65 Guidelines



[View Tabular Results +](#)

Channel Selection	Channel 233 (94.5 MHz) ▼
Antenna Type -	EPA Type 1: Ring-and-Stub or "Other" ▼

Height (m)	<input type="text" value="119"/>	Distance (m)	<input type="text" value="200"/>
ERP-H (W)	<input type="text" value="200000"/>	ERP-V (W)	<input type="text" value="200000"/>
Num of Elements	<input type="text" value="12"/>	λ	<input type="text" value="1"/>
Num of Points	<input type="text" value="1000"/>	<input type="button" value="Apply"/>	

WRVA(AM) SITE AND WRVQ(FM) MAIN AND AUX ANTENNAS

LOCATED ON WEST TOWER FAA STUDY 2022-AEA-14320-OE

EAST 2022-AEA-14321-OE

array center

WEST 2022-AEA-14320-OE