

NONIONIZING RADIATION COMPLIANCE

Positive Alternative Radio, Inc.

Positive Alternative Radio has conducted an engineering statement regarding non-ionizing radiation exposure issues associated with the environmental effects certification on the FCC Form 303-S for the license renewal applications for the following station:

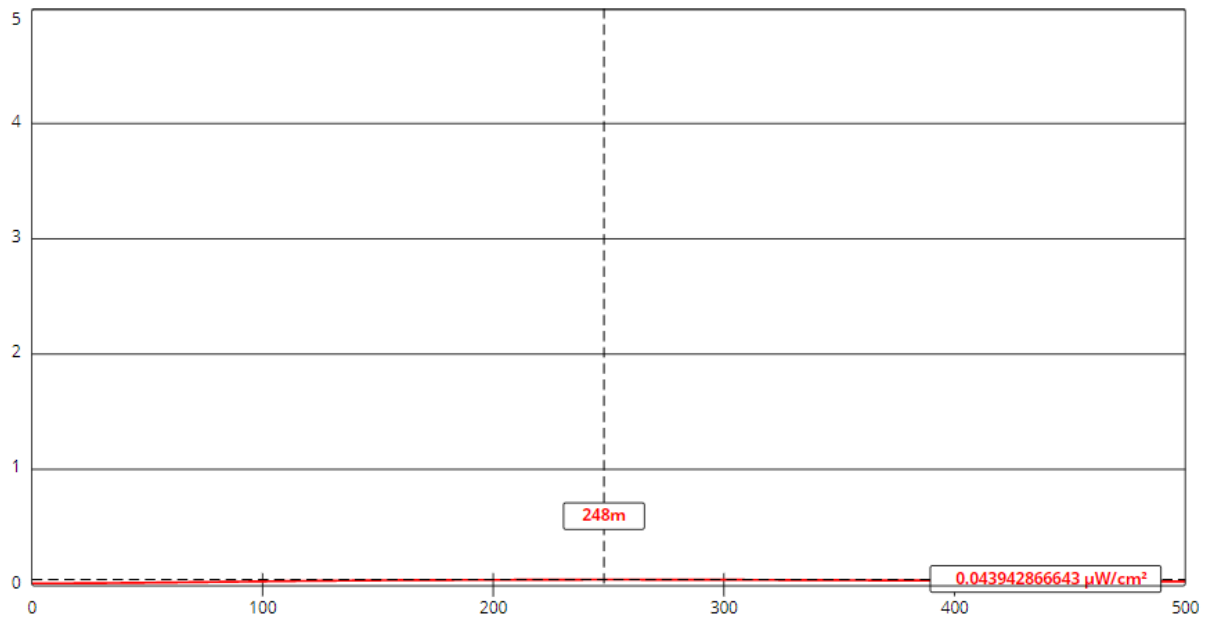
Station	Facility ID #	Community of License	Application File #
W240CU	90671	Lexington, NC	BLFT-20160401ADD

On FCC form 349 application #BPFT-20140204ABC, environmental compliance was submitted by consulting engineer, Robert Branch, regarding this station as stated in the application for construction permit for W240CU. The statement confirms that environmental compliance for this station.

THE APPLICANT HAS PROPOSED TO LOCATE THE PROPOSED FACILITY ON AN EXISTING COMMUNICATIONS TOWER AND TO LOCATE THE EQUIPMENT IN AN EXISTING EQUIPMENT SHELTER.

THE APPLICANT HAS PROPOSED A HEIGHT OF 244 METERS WITH AN ERP OF 140 WATTS ERP. THE APPLICANT HAS PROPOSED A 'DOUBLE-V' SINGLE-BAY ANTENNA TYPE. USING THE FCC COMPUTER PROGRAM FM MODEL, WITH THESE PARAMETERS, THE MAXIMUM RF RADIATION LEVEL REACHING 2 METERS ABOVE THE GROUND IS 0.044 MICRO WATTS PER CENTIMETER SQUARED. THIS IS LESS THAN 1 PERCENT OF EITHER THE OCCUPATIONAL OR THE GENERAL PUBLIC LIMITS SET FORTH IN OET BULLETIN 65. ATTACHED IS THE FM MODEL SCREEN SHOT FOR THE CALCULATION.

THEREFORE THE INSTANT APPLICATION IS CATEGORICALLY EXCLUDED FROM ENVIRONMENTAL PROCESSING.



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Channel Selection	Channel 240 (95.9 MHz) ▼		
Antenna Type +	EPA Type 2: Opposed V Dipole ▼		
Height (m)	<input type="text" value="244"/>	Distance (m)	<input type="text" value="500"/>
ERP-H (W)	<input type="text" value="140"/>	ERP-V (W)	<input type="text" value="140"/>
Num of Elements	<input type="text" value="1"/>	Element Spacing (λ)	<input type="text" value="1"/>
Num of Points	<input type="text" value="500"/>	<input type="button" value="Apply"/>	

David Hodges
 Director of Engineering
 Positive Alternative Radio

6/7/2019