NONIONIZING RADIATION COMPLIANCE

Positive Radio Group

Positive Radio Group 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 #**
WYVK	18022	Middleport, OH	BMLH-20000518ABB

There has been a material change to the environment due to minor modification to W279CE co-located on the tower with WYVK.

THE INSTANT APPLICATION SPECIFIES AN EXISTING FCC-REGISTERED COMMUNICATIONS TOWER WITH EQUIPMENT TO BE HOUSED IN AN EXISTING EQUIPMENT SHELTER.

THE APPLICANT HAS PROPOSED TO LOCATE ON A TOWER SITE WITH TWO OTHER FM LICENSED FACILITIES. THE RF CONTRIBUTIONS ARE LISTED BELOW:

THE PROPOSED FACILITY HAS AN ERP OF 230 WATTS (H&V) WITH A CENTER OF RADIATION OF 59 METERS ABOVE GROUND LEVEL USING A DOUBLE-V TYPE ANTENNA. USING THE FCC COMPUTER PROGRAM, FM MODEL, THE MAXIMUM RF RADIATION LEVEL REACHING 2 METERS ABOVE GROUND LEVEL (TO ACCOUNT FOR AVERAGE HUMAN HEAD HEIGHT) IS 1.398 MICRO WATTS PER CENTIMETER SQUARED.

W246BH HAS AN ERP OF 70 WATTS (H&V) WITH A CENTER OF RADIATION OF 59 METERS ABOVE GROUND LEVEL USING A DOUBLE-V TYPE ANTENNA. USING THE FCC COMPUTER PROGRAM, FM MODEL, THE MAXIMUM RF RADIATION LEVEL REACHING 2 METERS ABOVE GROUND LEVEL (TO ACCOUNT FOR AVERAGE HUMAN HEAD HEIGHT) IS 0.425 MICRO WATTS PER CENTIMETER SQUARED.

WYVK HAS AN ERP OF 4700 WATTS (H&V) WITH A CENTER OF RADIATION OF 69 METERS ABOVE GROUND LEVEL USING A THREE-BAY FULL-WAVE-SPACED ERI ROTOTILLER TYPE ANTENNA. USING THE FCC COMPUTER PROGRAM, FM MODEL, THE MAXIMUM RF RADIATION LEVEL REACHING 2 METERS ABOVE GROUND LEVEL (TO ACCOUNT FOR AVERAGE HUMAN HEAD HEIGHT) IS 7.793 MICROWATTS PER CENTIMETER SQUARED.

THUS THE CUMULATIVE RF RADIATION FROM ALL THREE SOURCES IS 9.616 MICROWATTS PER CENTIMETER SQUARED. THIS FIGURE IS 0.9616 PERCENT OF THE OCCUPATIONAL LIMIT OF 1000

MICROWATTS PER CENTIMETER SQUARED AND 0.0481 PERCENT OF THE GENERAL POPULATION LIMIT OF 200 MICROWATTS PER CENTIMETER SQUARED.

THUS THIS APPLICATION IS COMPLIANT WITH THE PROVISIONS OF OET BULLETIN 65 WITH RESPECT TO RF RADIATION.

David Hodges
Director of Engineering
Positive Radio Group

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