

EXHIBIT 13
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NONIONIZING RADIATION COMPLIANCE

Rubber City Radio Group, Inc.
Medina, OH

WQMX operates on FM Channel 235B with a nondirectional effective radiated power of 16 kilowatts using a Jampro JSDP-2/3 two bay, three around, circularly polarized omnidirectional cavity backed panel antenna that is mounted with its center of radiation 244 meters above ground level on an existing 281.9 meter tower. There are three other non-excluded RF sources that are located within 315 meters of this tower. These stations are co-located WZIP(FM) - Akron, Ohio, which operates on FM Channel 201B; co-located WKSU-FM - Kent, Ohio, which operates on FM Channel 209B; and co-located WEAO(TV) - Akron, Ohio which operates on TV Channel 49. In addition, WEAO-DT holds a construction permit for operation on Channel 50 from this tower.

The continued operation of WQMX from this site will fully comply with the current FCC Standard with regard to human exposure to nonionizing radiation. Since the FCC's "FM Model" computer program does not have the capability to calculate power density levels for panel antennas, the power density levels at two meters above ground level were calculated using Equation (9), found on Page 22 of FCC OET Bulletin 65. Table 13.0 and Figure 13.0 present the vertical radiation pattern for the WQMX antenna. Using this vertical radiation pattern data, this equation yields a predicted power density of $2.86 \mu\text{W}/\text{cm}^2$ at two meters above ground level, which will occur at a horizontal distance of 128.7 meters from the base of this tower. Since the permitted power density for uncontrolled exposure in the FM band is $200 \mu\text{W}/\text{cm}^2$, this amounts to 1.43% of the permitted level for uncontrolled exposure. Since this value is less than 5% of the permitted level, WQMX is excluded from environmental processing under this

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FCC Standard and need not be considered in conjunction with the other facilities on this tower in evaluating compliance with this exposure standard.

WQMX, in conjunction with the other co-located facilities, will continue to take appropriate steps to insure that workers that must be on this tower will not be exposed to levels of nonionizing radiation that are in excess of the permitted level for controlled exposure to nonionizing radiation. These steps will include a cessation of operation or a reduction in power, as appropriate, when work becomes necessary on this tower in the areas where the total power density levels are in excess of the permitted level for controlled exposure.

TABLE OF FIELD STRENGTH FOR : JADP23.ELV

INCREMENTAL DEGREES

	0	1	2	3	4	5	6	7	8	9
+	1.000	.998	.994	.987	.976	.963	.937	.918	.897	.873
-	1.000	.998	.994	.987	.976	.963	.937	.918	.897	.873
D -10	.846	.809	.778	.738	.703	.660	.616	.577	.531	.490
E -20	.443	.396	.349	.306	.260	.214	.169	.125	.083	.041
G -30	.000	.040	.078	.115	.150	.183	.212	.242	.270	.296
R -40	.321	.344	.365	.379	.396	.412	.426	.439	.443	.452
E -50	.460	.467	.472	.468	.470	.472	.473	.472	.462	.460
E -60	.456	.452	.448	.443	.437	.431	.424	.417	.409	.401
S -70	.393	.374	.356	.347	.328	.308	.289	.269	.259	.240
-80	.220	.210	.210	.200	.200	.190	.180	.180	.170	.170
-90	.160									

TABLE 13.0

WQMX VERTICAL RADIATION PATTERN

Rubber City Radio Group, Inc.
Medina, OH

Frequency: <MHz> 94.90
Bays : 2
Model : JADP6

File Name: JADP23.ELU
ELEVATION PATTERN

JAMPRO ANTENNAS INC.
Spacing (Wavelength): 1.00

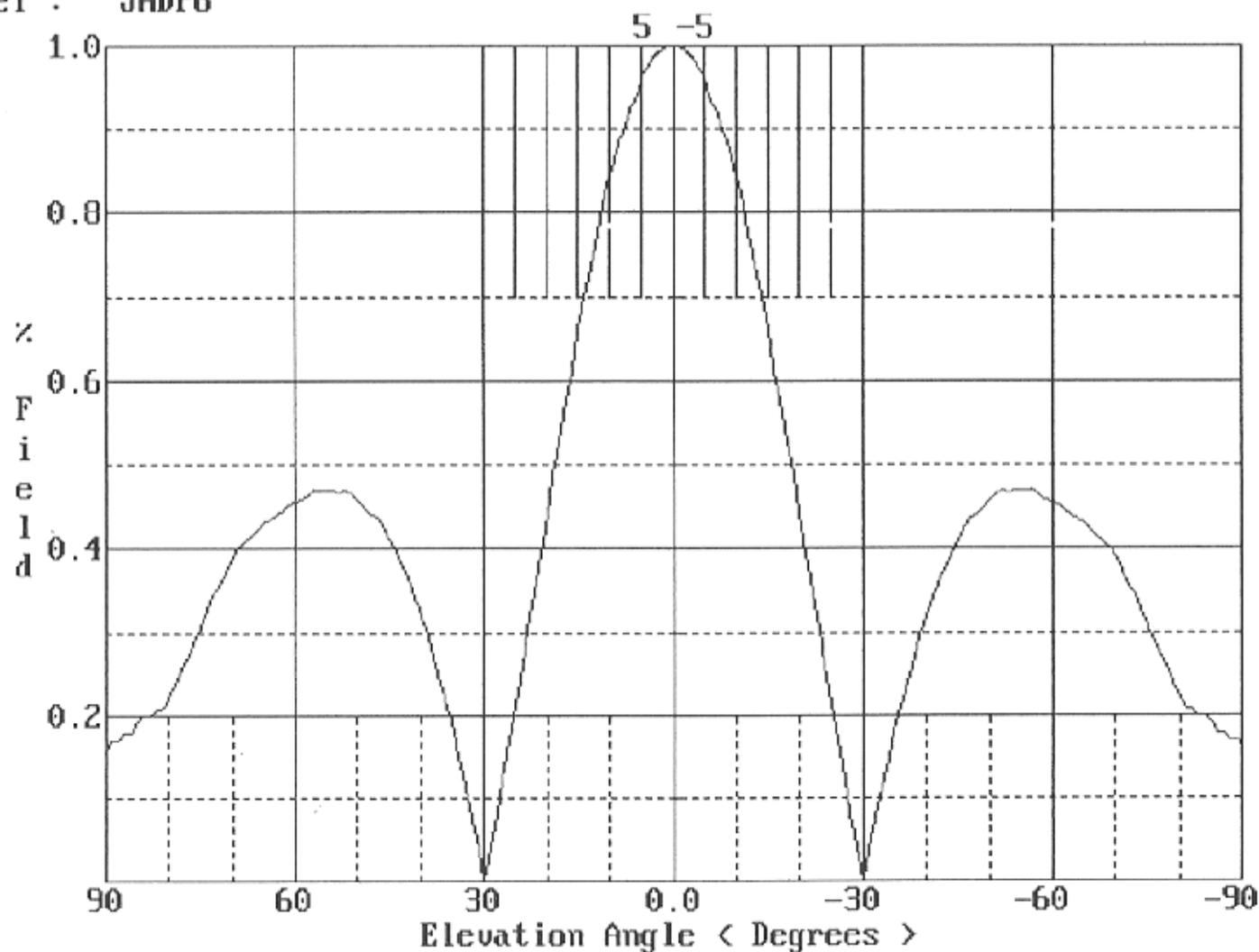


FIG. 13.0

WQMX VERTICAL RADIATION PATTERN

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