

EXHIBIT 9  
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NONIONIZING RADIATION COMPLIANCE

Image Video Teleproductions, Inc.  
Newcomerstown, OH

The proposed facilities will fully comply with the current FCC Standard with regard to human exposure to nonionizing radiation. The proposed facilities will operate on Channel 22 with a maximum peak visual effective radiated power of 60 kilowatts and a maximum aural effective radiated power of 6 kilowatts using a Jampro JA/LS-SB-8 directional antenna that will be mounted at the 91.4 meter level on a proposed new 95.4 meter tower. There are no non excluded RF sources located within 315 meters of this proposed tower.

Table 9.0 and Figure 9.0 present the vertical radiation pattern for the proposed antenna Equation (2), found on Page 30 of Supplement A to FCC OET Bulletin No. 65, details the calculation technique for determining the power density levels for a TV broadcast facility. Using this vertical radiation pattern data, this equation yields a maximum predicted power density of  $17.1 \mu\text{W}/\text{cm}^2$  at two meters above ground level, which will occur at a depression angle of  $74^\circ$  below horizontal and at a distance of 25.6 meters from the base of this tower. Since the permitted power density for uncontrolled exposure on Channel 22 is  $345.3 \mu\text{W}/\text{cm}^2$ , this amounts to only 4.95% of the permitted level for uncontrolled exposure. Thus, the implementation of the proposed facilities from this site will not expose members of the general public to levels of nonionizing radiation that are in excess of the permitted level for uncontrolled exposure.

The applicant will also 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. These steps will include the cessation of

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operation or a reduction in power, as appropriate, when work becomes necessary in any areas on this tower where the power density levels are in excess of the permitted level for controlled exposure.

TABLE OF FIELD STRENGTH FOR : JALSSB8.ELV

INCREMENTAL DEGREES

	0	1	2	3	4	5	6	7	8	9
+	1.000	.969	.878	.732	.560	.373	.189	.026	.101	.184
-	1.000	.969	.878	.732	.560	.373	.189	.026	.101	.184
D -10	.222	.214	.172	.109	.035	.036	.093	.128	.140	.128
E -20	.095	.051	.001	.046	.082	.106	.111	.099	.075	.040
G -30	.000	.038	.069	.091	.100	.095	.079	.054	.023	.011
R -40	.043	.070	.090	.099	.099	.090	.072	.048	.019	.013
E -50	.044	.071	.094	.109	.119	.119	.114	.100	.082	.057
E -60	.031	.001	.029	.060	.090	.116	.142	.166	.181	.198
S -70	.212	.216	.223	.220	.221	.221	.210	.205	.200	.183
-80	.176	.167	.158	.149	.150	.140	.130	.120	.120	.110
-90	.100									

TABLE 9.0

PROPOSED VERTICAL RADIATION PATTERN

Image Video Teleproductions, Inc.  
Newcomerstown, OH

Frequency: <MHz> 519.25

File Name: JALSSB8.ELU

JAMPRO ANTENNAS INC.

Bays : 8

ELEVATION PATTERN

Spacing (Wavelength): 1.00

Model : SLOT

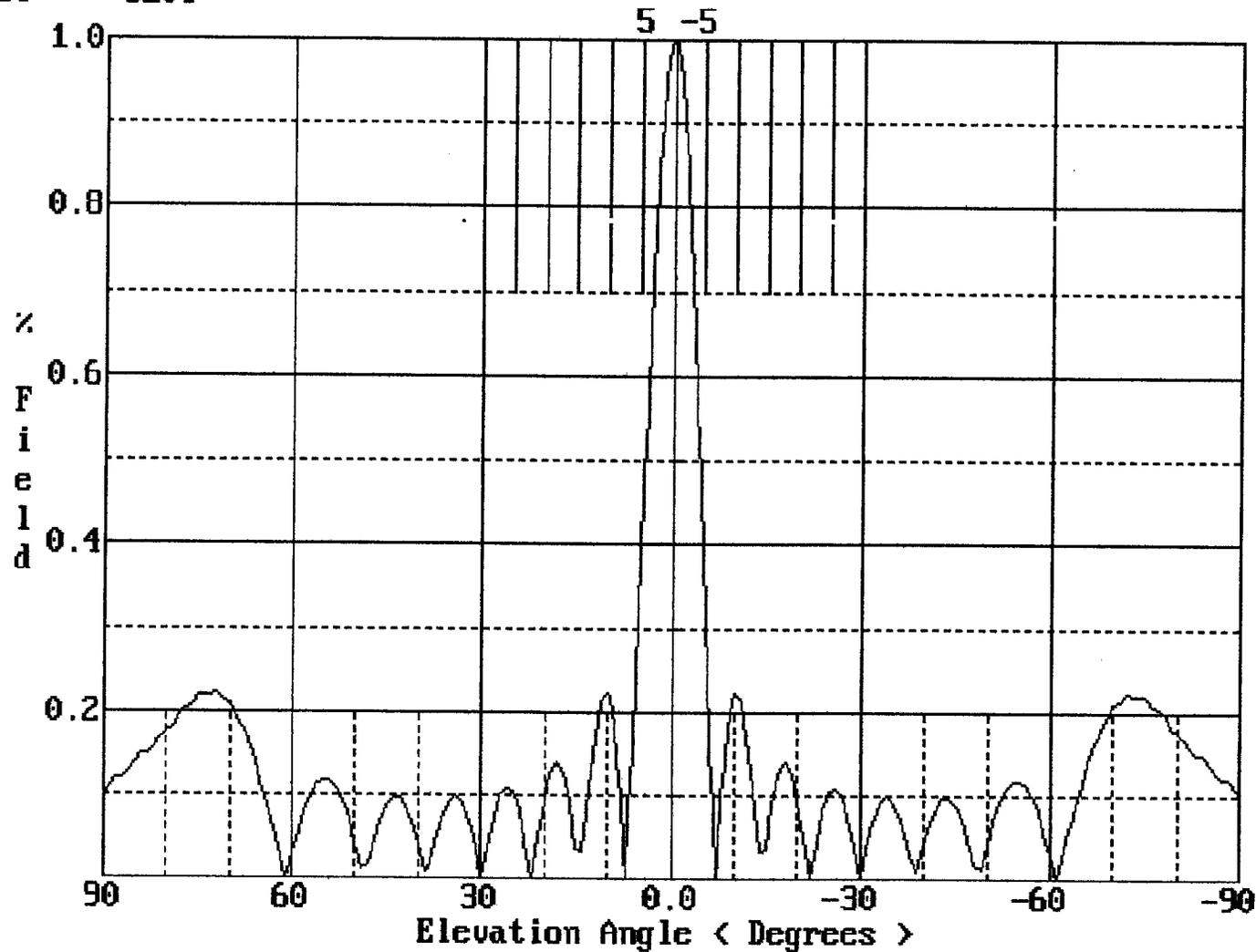


FIG. 9.0

PROPOSED VERTICAL RADIATION PATTERN

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