

EXHIBIT 7
(Page 1 of 3)

NONIONIZING RADIATION COMPLIANCE

Carter Broadcasting Corporation
Portland, ME

The proposed WLOB-LP facilities will fully comply with the current FCC Standard with regard to human exposure to nonionizing radiation. The proposed antenna will be a Jampro JA/LS-RB-4 directional antenna that will be mounted on the top of an existing 49.7 meter tower. The center of radiation for the proposed antenna will be 51.2 meters above ground level and the proposed WLOB-LP facilities will operate with a maximum peak visual effective radiated power of 6.5 kilowatts and a maximum aural effective radiated power of 0.65 kilowatts. Table 7.0 and Figure 7.0 present the vertical radiation pattern for the proposed antenna. Equation (1), found on Page 30 of Supplement A to FCC OET Bulletin No. 65, details the calculation technique used to determine the power density at the base of a TV broadcast tower. Using this vertical radiation pattern data, this equation predicts a worst case power density level at two meters above ground level of $3.6 \mu\text{W}/\text{cm}^2$, which will occur at a depression angle of 67° . Since the permitted power density for uncontrolled exposure to nonionizing radiation on Channel 15 is $317.3 \mu\text{W}/\text{cm}^2$, this amounts to only 1.1% of the permitted level. Since this value is less than 5% of the permitted level, the proposed WLOB-LP facilities are excluded from environmental processing under this exposure standard.

WLOB-LP will also take appropriate steps to insure that workers that must climb 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 operation or a reduction in power, as appropriate, when work becomes necessary on this tower in the areas where the total power density levels will be in excess of the permitted level for controlled exposure.

TABLE OF FIELD STRENGTH FOR : JALSRB4.ELV

		INCREMENTAL DEGREES									
		0	1	2	3	4	5	6	7	8	9

	+	1.000	.993	.970	.924	.875	.814	.742	.655	.569	.479
	-	1.000	.993	.970	.924	.875	.814	.742	.655	.569	.479
D	-10	.387	.291	.199	.114	.035	.036	.098	.149	.190	.219
E	-20	.237	.244	.244	.232	.212	.187	.155	.119	.081	.041
G	-30	.000	.039	.075	.107	.136	.158	.176	.189	.194	.196
R	-40	.192	.183	.170	.150	.129	.105	.078	.049	.019	.013
E	-50	.045	.075	.106	.133	.161	.184	.209	.226	.246	.258
E	-60	.274	.280	.291	.299	.306	.302	.305	.306	.297	.295
S	-70	.292	.278	.273	.257	.250	.243	.225	.216	.208	.188
	-80	.179	.169	.160	.150	.150	.140	.130	.120	.120	.110
	-90	.100									

TABLE 7.0

VERTICAL RADIATION PATTERN

Carter Broadcasting Corp.
Portland, ME

Frequency: <MHz> 477.25

File Name: JALSRB4.ELU

JAMPRO ANTENNAS INC.

Bays : 4

ELEVATION PATTERN

Spacing (Wavelength): 1.00

Model : SLOT

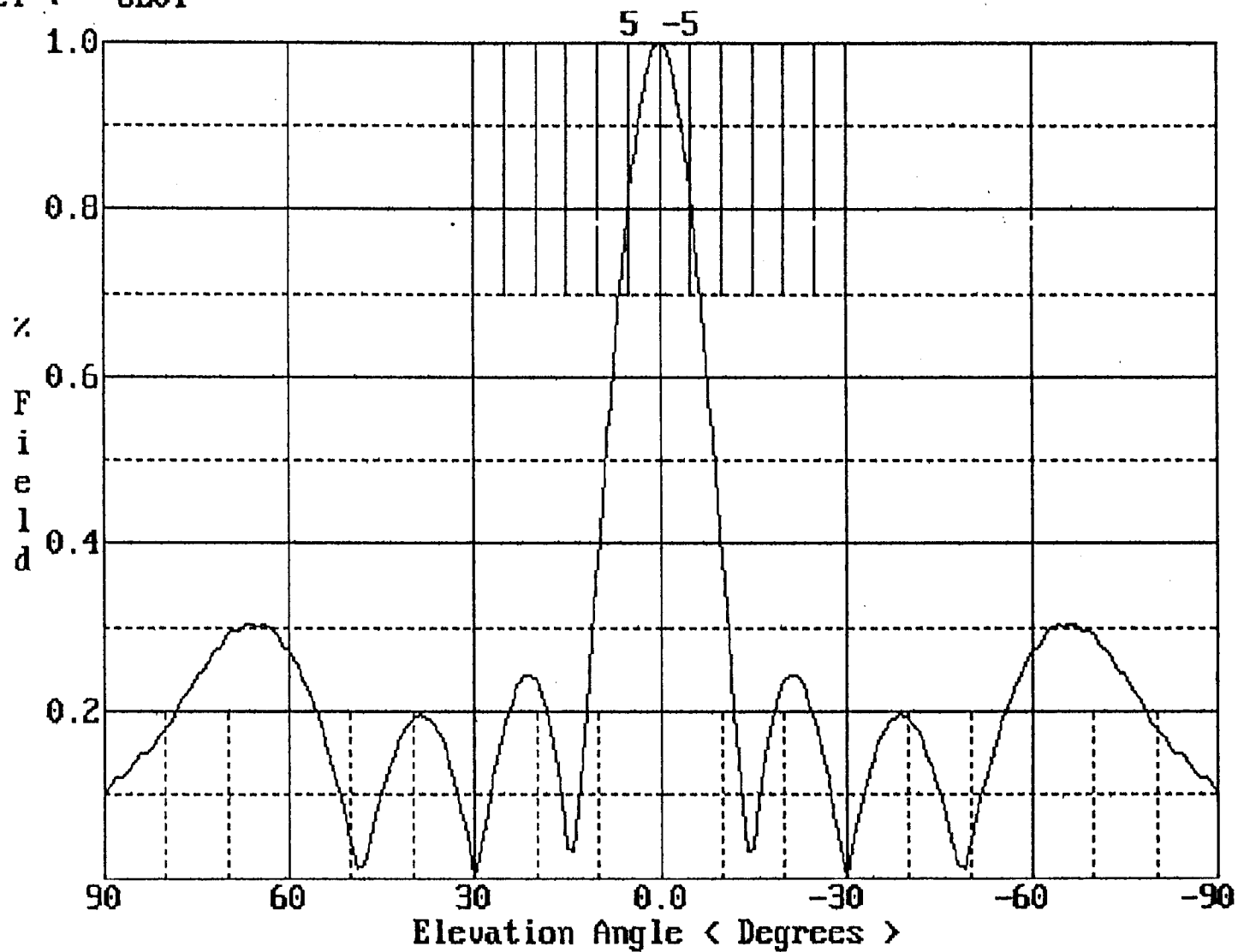


FIG. 7.0

VERTICAL RADIATION PATTERN

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Portland, ME