

EXHIBIT 7
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NONIONIZING RADIATION COMPLIANCE

Ft. Smith 46, Inc.
Paris, AR

The proposed K53GB(K60EP) Channel 49 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-24 directional antenna that will include 0.5° of electrical beam tilt and be mounted in place of the present K60EP antenna at the 36.9 meter level on an existing 43.0 meter tower. Table 7.0 and Figure 7.0 present the vertical radiation pattern for this antenna. Equation (2), 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 and assuming a maximum peak visual effective radiated power of 47.5 kilowatts and a maximum aural effective radiated power of 4.75 kilowatts, this equation predicts a worst case power density level at two meters above ground level of $9.75 \mu\text{W}/\text{cm}^2$, which will occur at a depression angle of 84° . Since the permitted power density for uncontrolled exposure to nonionizing radiation on Channel 49 is $453.3 \mu\text{W}/\text{cm}^2$, this amounts to only 2.15% of the permitted level. Since this value is less than 5% of the permitted level, the proposed K53GB facilities are excluded from environmental processing and need not be considered in conjunction with other co-located and nearby facilities to establish compliance with the FCC's exposure standard.

K53GB 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

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tower in the areas where the power density levels will be in excess of the permitted level for controlled exposure.

TABLE OF FIELD STRENGTH FOR : 24SLOT.ELV

INCREMENTAL DEGREES

	0	1	2	3	4	5	6	7	8	9
+	.932	.468	.045	.216	.061	.113	.092	.042	.090	.009
-	.932	.932	.468	.044	.216	.061	.113	.092	.041	.091
D -10	.011	.069	.044	.036	.057	.000	.051	.028	.029	.043
E -20	.000	.040	.026	.020	.038	.008	.031	.031	.006	.035
G -30	.022	.016	.034	.014	.020	.032	.010	.022	.032	.011
R -40	.020	.032	.015	.016	.033	.023	.006	.030	.032	.011
E -50	.019	.036	.030	.005	.023	.038	.033	.010	.018	.038
E -60	.042	.028	.003	.025	.045	.050	.041	.020	.008	.034
S -70	.055	.063	.063	.050	.031	.007	.019	.045	.068	.083
-80	.097	.108	.114	.116	.123	.120	.116	.109	.111	.102
-90	.093									

TABLE 7.0

VERTICAL RADIATION PATTERN
JAMPRO JA/LS-RB-24

Ft. Smith 46, Inc.
 Paris, AR

Frequency: <MHz> 683.00
Bays : 24
Model : SLOT

File Name:24SLOT.ELU
ELEVATION PATTERN

JAMPRO ANTENNAS INC.
Spacing (Wavelength): 1.00

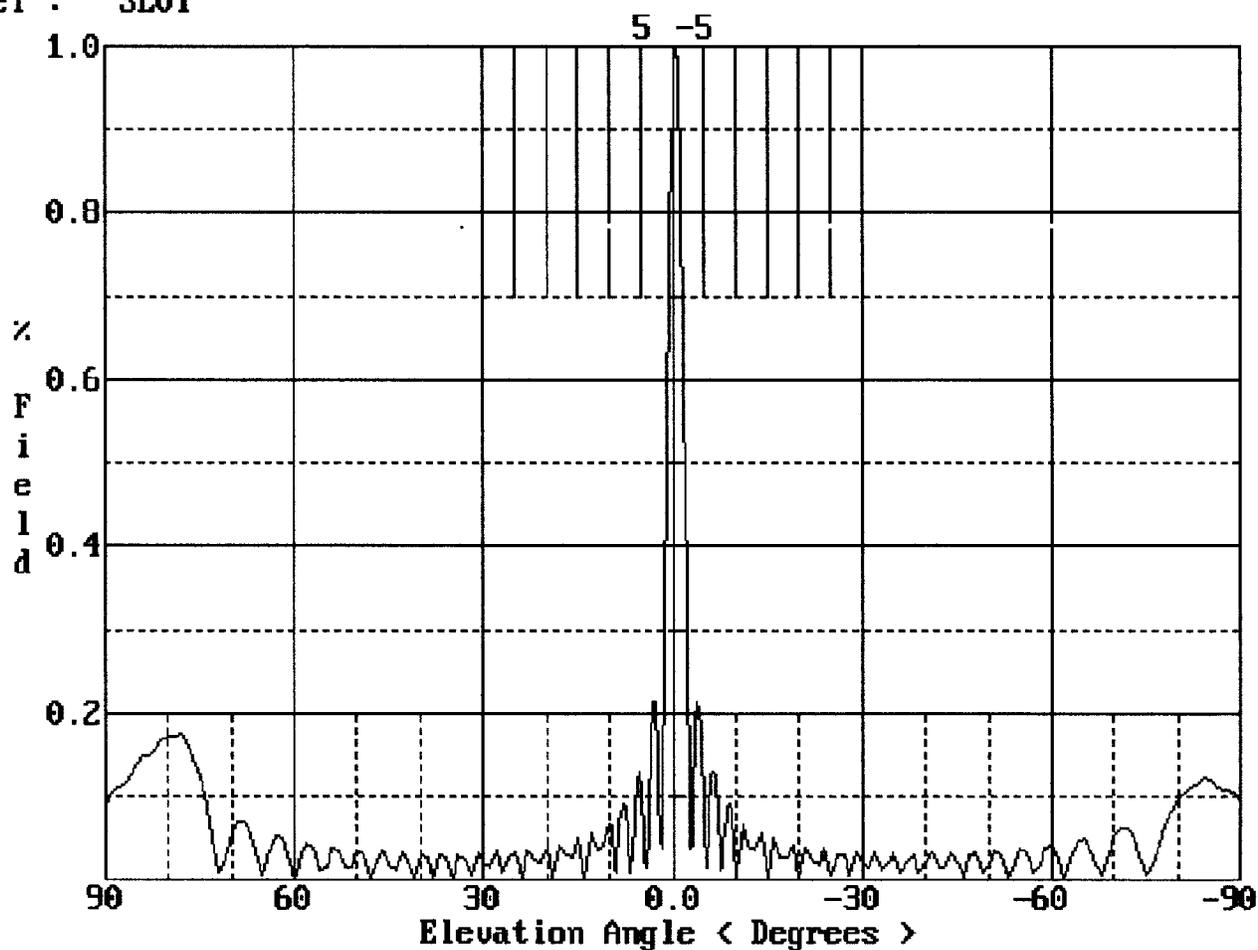


FIG. 7.0

VERTICAL RADIATION PATTERN
JAMPRO JA/LS-RB-24

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