

EXHIBIT 7.0 ANSI STUDY

CH	CALL	LOCATION	STATUS	ERP(kw)	(da)	DIST -	AZM	AMSL(m)
288	KMJR	PORTLAND, TX	LIC	1.90		0.2 km	304 deg	114
49	KTOV-LP	CORPUS CHRISTI, TX	LIC	1.00	+	0.0 km	318 deg	102
57	K57FC	CORPUS CHRISTI, TX	LIC	94.40	+	0.2 km	304 deg	95

ANSI VALUES

SATAION		Controlled Exposure allowed	Uncontrolled Exposure allowed
288	KMJR	S= 0.012 mW/cm ² , 1.2 %	S= 0.012 mW/cm ² , 5.8
49	KTOV-LP	S= 0.00331 mW/cm ² , 0.146 %	S= 0.00331 mW/cm ² , 0.730 %
57	K57FC	S= 0.07039 mW/cm ² , 3.933 %	S= 0.07039 mW/cm ² , 19.663 %
		=====	=====
		TOTAL	TOTAL
		5.279 %	26.193 %

This ANSI study is made in accordance with OET-65. As shown this operation as proposed creates a field of RF radiation level below the level allowable under ANSI guidelines at personnel access level.

Fencing and signs are to be provided as required to prevent casual accidental exposure. The applicant will coordinate with other users to reduce power or cease operation as necessary to protect persons having access to the site, tower, or antenna from radio frequency radiation in excess of FCC guidelines. The following formula was used to calculate all values listed above.

Formula (7) from Section II of OET 65:

$$S = (2.56) (EIRP) / (4) (\pi) (R)^2$$

Where:

- S = Highest power density (mW/cm²) at ground level
- R = Distance from center antenna to ground in cm,
- EIRP = 1.64 times ERP relative to dipole in mW,
- Max field 0.10 used in calculation
- MAX S = 2.27 mW/cm² for TV Channel 49
- ERP = (0.4 times visual plus aural, times field factor.)

Station: KTOV-LP with ant. 25 m and Visual power 10 kW

$$S = \frac{(2.56) (1.64) (1000) [(0.4) (10,000) + (2,200)] (0.100)^2}{(4) (3.14) (2,500)^2}$$