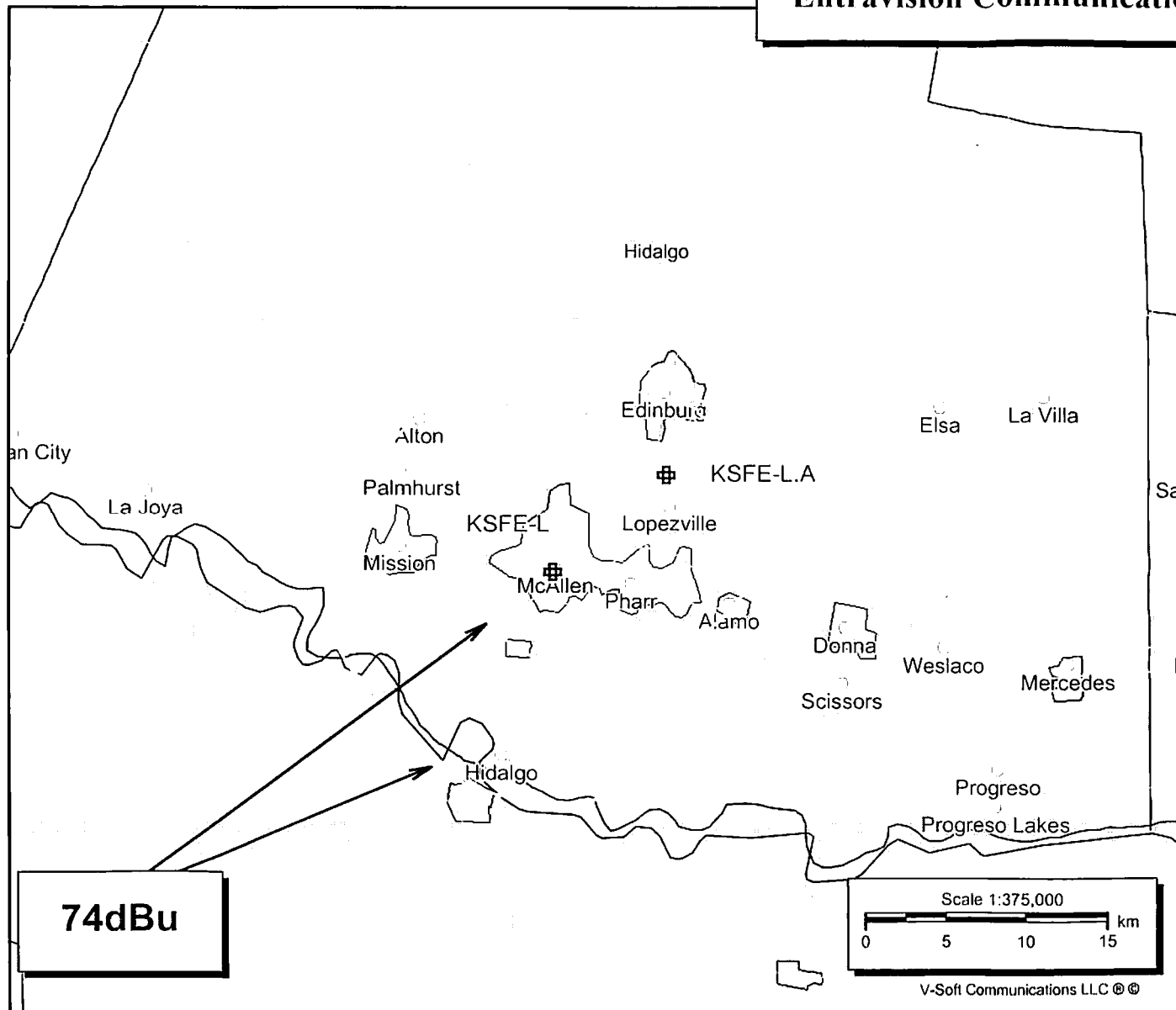


# Entravision Communications

**KSFE-LA**  
 BPTTL20020415AAA  
 Latitude: 26-15-20.30 N  
 Longitude: 098-09-42 W  
 ERP: 5.00 kW  
 Channel: 67  
 Frequency: 791.0 MHz  
 AMSL Height: 172.0 m  
 Elevation: 30.0 m  
 Horiz. Pattern: Directional  
 Vert. Pattern: Yes  
 Elec Tilt: 0.75  
 Prop Model: Longley/Rice  
 Climate: Cont temperate  
 Conductivity: 0.0050  
 Dielec Const: 15.0  
 Refractivity: 311.0  
 Receiver Ht AG: 10.0 m  
 Receiver Gain: 0 dB  
 Time Variability: 50.0%  
 Sit. Variability: 50.0%  
 ITM Mode: Broadcast

- ☐ > 100.0 dBu
- ☐ 74.0 - 100.0
- ☐ 64.0 - 74.0
- ☐ 54.0 - 64.0



# Outgoing Interference Population Report

KSFE-L.A (67) Unknown, ??

Lat: 26-15-20 N Lng: 098-09-42 W ERP: 5.0 kW AMSL: 172.0 m

TV Outgoing Interference Study

Signal Resolution: 1.25 km

Consider NTSC Taboo: Yes

KWX error points are considered to  
be interference free coverage.

# of radials computed for contours: 72

Contours calculated using 8 radial HAAT.

LR Profile Spacing Increment: 0.1 km

Masked interference points are being counted  
as interference free.

Pop Centroid DB: 1990 US Census

Study Date: 3-8-2006

TV Database Date: 03-08-06

Primary Terrain: V-Soft 3 Second US Terrain

Secondary Terrain: V-Soft 30 Second World Terrain

Population Database: 2000 US Census (SF1)

## ----- Stations Considered:

Call Letters	City	State	Dist	Bear
NEW-ADM (53Z)	Corpus Christi	TX	169.2	17.9
KMBH (60Z)	Harlingen	TX	37.1	113.7

Call	Area	HUnits	Contour	Masked Ix	Unmasked Ix	%
NEW-ADM (53Z)	0.0	0	522,232	0	0	0.0
KMBH (60Z)	0.0	0	924,753	0	0	0.0

-----  
Housing Units    Population

Entravision RFR Calculator  
by Sonny Cavazos

Relative field factor	0.051714286	Angle	Field
Power in Watts	5000		60 0.1
RCAGL	142.2		65 0.07
Frequency	788		70 0.05
Microwatts	0.022721736		75 0.05
mW/cm squared	0.00002272174		80 0.04
			85 0.032
			90 0.02
MPE Limit for General Population / Uncontrolled Environments	Calculated Emmission	Percentage of Limit for General Population / Uncontrolled Environments	
0.525333333	0.00002272174	0.00	
MPE Limit for Occupational / Controlled Environments	Calculated Emmission	Percentage of Limit for Occupational / Controlled Environments	
2.62404	0.00002272174	0.00	