

EXHIBIT 30 TECHNICAL STATEMENT KOTX

Jose Antonio Aguilar submits this application to modify KOTX, BMPH-20140226ABZ, Facility ID 171012 as indicated in this application.

This application proposes antenna location on a tower with coordinates of (NAD27):

27 – 18 – 30.0 N

98 – 40 – 15 W.

Proposed ERP is 1.0 kW (H) and (V).

Proposed RCAGL is 23 meters.

Overall tower height AGL is 24 meters.

Applicant is requesting 73.215 short spacing to the following facility:

Facility ID: 6662

KGBT – BPH20101213ABE (CP)

KGBT – BLH19950330KB (LIC)

Applicant will also be filing two additional applications, on behalf of Armida A Saille to move two translators that will be co-located on the same tower as proposed in this application. Those applications are being filed separately.

These are:

K239BK facility ID 140288

K278BT facility ID 142610

Mexico:

The proposed site is 76 km from the US/Mexico border. This proposal complies with the US/ Mexico Treaty. There are no Mexican allocations, allotments, applications, construction permits, and licensed facilities that are impacted by this proposal.

Exhibit 28 – Community Coverage Map.

Exhibit 30 – This Technical Statement

Exhibit 34 – Contour Protection consisting of Short Space Channel Study and contour protection map.

Exhibit 35 – EPA / RFE.

This exhibit has all of the RFE calculations for all three RF sources on the proposed site tower. The value for R was determined by subtracting 2 meters from each station's RCAGL.

The total RFE is $37.5 \mu\text{W}/\text{cm}^2$ which is 18.8 % of the $200 \mu\text{W}/\text{cm}^2$ maximum allowable for uncontrolled public access.

Aerial photo of site and antenna pattern data included in this exhibit.

Applicant will cease transmission from this location whenever there are workmen on the tower. Antenna to be utilized is a 2 bay RVR model ACP1 or similar.

KOTX

**EXHIBIT 30
CHANNEL SPACING**

Callsign	State	City	Freq	Channel	ERP_w	Class	Status	Distance_km	Sep	Clr
KGBT-FM	TX	MCALLEN	98.5	253	100000	C	CP	153.78	165	-11.2
KGBT-FM	TX	MCALLEN	98.5	253	100000	C	LIC	156.42	165	-8.6
KRRG	TX	LAREDO	98.1	251	96000	C1	LIC	87.36	75	12.4
XHNKFM	TA	NUEVO LAREDO	99.3	257	9550	B		85.98	69	17
KTXN-FM	TX	VICTORIA	98.7	254	100000	C1	LIC	229.77	200	29.8
KRYS-FM	TX	CORPUS CHRISTI	99.1	256	100000	C1	LIC	113.38	75	38.4
KLBD	TX	PREMONT	88.1	201	3500	A	CP	54.29	10	44.3
KLMO-FM	TX	DILLEY	98.9	255	92000	C1	LIC	190.72	133	57.7
KMJR	TX	ODEM	98.3	252	96400	C1	LIC	146.03	75	71
K254AZ	TX	ALICE	98.7	254	100	D	LIC	72.48	0	72.5
KHOY	TX	LAREDO	88.1	201	4300	A	LIC	87.35	10	77.3

SHORT SPACED TO KGBT-FM CH 253