

**DELAWDER COMMUNICATIONS, INC.**

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**ENGINEERING REPORT**

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**K210DF, Proposed for Angleton, TX, Amendment of BPFT-20170808AAW to Channel 200**

**ENGINEERING STATEMENT**

Centro Cristiano De Vida Eterna (“Applicant”) proposes a channel change for its FM translator at Lake Jackson, TX (K210DF; with a pending application for channel 207D at Angleton, TX—BPFT20170808AAW) to FM channel **200** (87.9 MHz). To the extent deemed necessary by the FCC, Applicant respectfully requests a waiver of the Commission’s translator processing rules to allow for the grant of this channel displacement application to a non-adjacent channel and to channel 200.

The displacement from channel 207 (as proposed by the pending application of K210DF) is deemed necessary due to interference that is being received from co-channel station KSBJ(FM), Humble, TX, 207C1, *as predicted to be caused by the recently-granted application BPED-20170824ABA*. Attached as Figure EE1 is a map showing that the predicted 40 dBu F50,10 interference contour of KSBJ(FM) has significant and increased overlap with the proposed channel 207D (“Pend”) site.

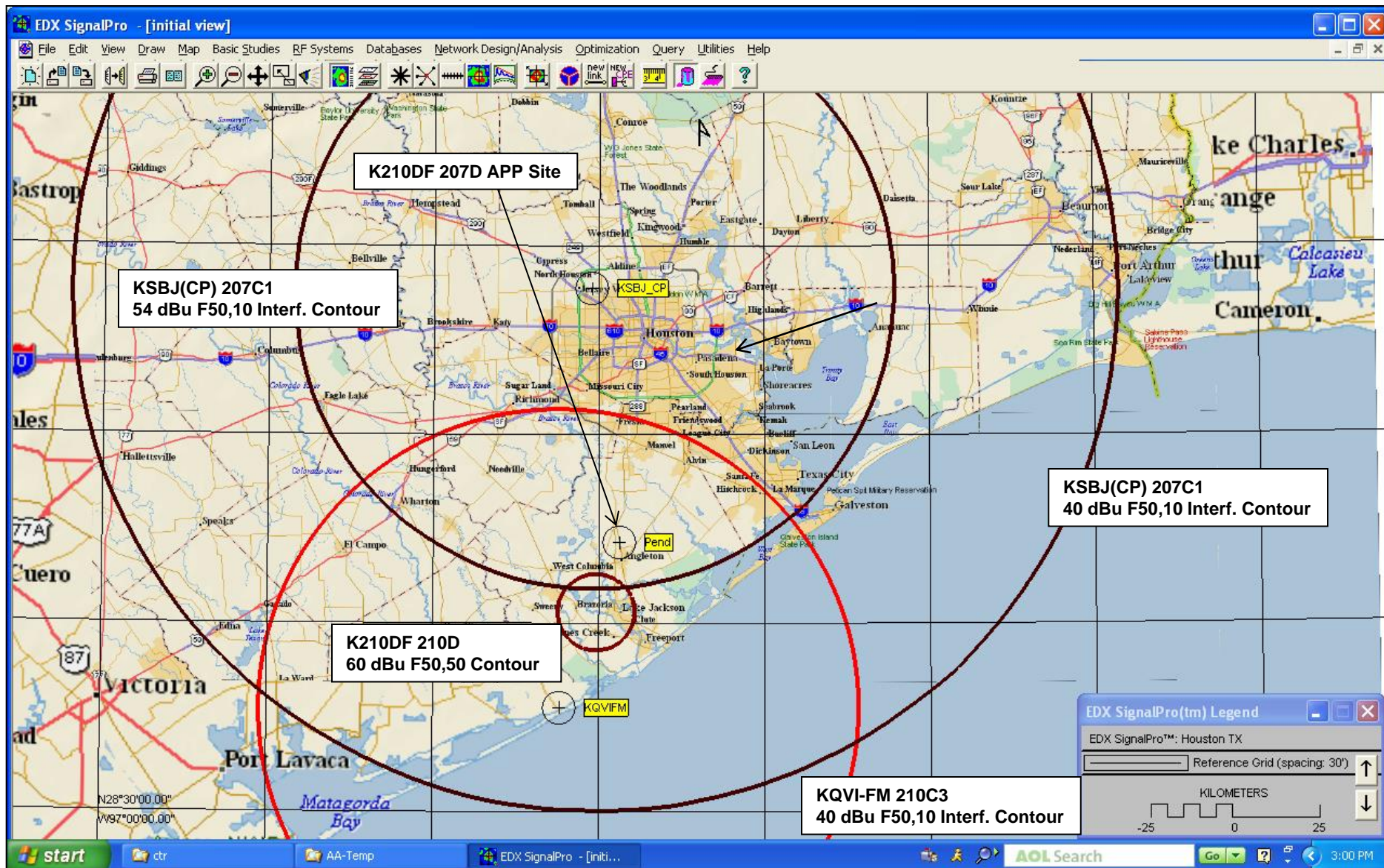
The proposal to channel 207D (per BPFT-20170808AAW) was made out of necessity due to co-channel interference that is being received by K210DF from KQVI-FM, Cedar Lake, TX 210C3. The 40 dBu F50,10 interference contour of KQVI-FM is shown on Figure EE1.

Figure EE2 is a preclusion study tabulation that demonstrates the unavailability of channels 201 through 220. Thus, channel 200 is proposed. (Note that the non-reserved-band channels cannot be proposed for this Non-fill-in FM translator with the Applicant owning both the translator and the primary station.)

It is noted that the Section 73.512 protection requirements are also fully met should the FCC deem this FM Class D protection requirement necessary.

The only channel 6 station within 150 kilometers of the proposed site is the pending LMS application 0000013791 (for KIPS-LD, Beaumont, TX; facility ID 128836). Figure EE3 demonstrates non-contour overlap between the proposed 41 dBu F50,10 contour of the translator and the proposed 43 dBu F50,90 contour of the proposed channel 6 facility.

# FIGURE EE1—MAP SHOWING UNAVAILABILITY OF 207 & 210



**SECTION 73.207 CHANNEL PRECLUSION STUDY****PROJECT: K210DF, ANGLETON, TX, (APPLICATION FOR 207D)****STUDY COORDINATES: N 29-12-51.0; W 95-26-20.0(N D-M-S; W D-M-S)**

Call Docket	Channel FacilityID	Class Service	Frequency ERP	Status DA?	City HAAT	State RCAMSL	Country RCAGL	File Number Azimuth
Latitude	Longitude	ASRN	Dist(km)	Dist(mi)				
<b>PRECLUDES CHANNEL 201:</b>								
K201EU	201 D	FX	88.1 MHz	LIC	KATY		TX US	BLFT-
19990319TD	-		88918		0.25 kW		61. m	107. m
N 29 50 50.00	W 95 53	0.00	-		82.34 km		51.16 mi	328.69°
BROADCASTING NETWORK								
<b>PRECLUDES CHANNEL 202:</b>								
KAFR	202 C1	FM	88.3 MHz	LIC	CONROE		TX US	BLED-
20030602BUP	-		81300		100. kW		135. m	216. m
N 30 27 52.00	W 95 30	20.00	1235884		138.74 km		86.21 mi	357.37°
FAMILY ASSOCIATION								
<b>PRECLUDES CHANNELS 203, 204 &amp; 205:</b>								
KUHF	204 C	FM	88.7 MHz	LIC	HOUSTON		TX US	BLED-
19990810KA	-		69150		100. kW		524. m	544. m
N 29 34 27.00	W 95 29	37.00	1040815		40.25 km		25.01 mi	352.47°
UNIVERSITY OF HOUSTON SYSTEM								
<b>PRECLUDES CHANNELS 206, 207 &amp; 208:</b>								
KSBJ	207 C1	FM	89.3 MHz	CP	HUMBLE		TX US	BPED-
20170824ABA	-		35590		87. kW		159.6 m	189.6 m
N 29 53 15.30	W 95 31	22.50	1048161		75.09 km		46.66 mi	353.83°
EDUCATIONAL FOUNDATION								
<b>PRECLUDES CHANNELS 207, 208 &amp; 209:</b>								
KZBJ	208 C2	FM	89.5 MHz	LIC	BAY CITY		TX US	BLED-
20050624AAV	-		91535		35. kW DA		146. m	163. m
N 29 8 58.00	W 95 59	14.00	1244117		53.82 km		33.44 mi	262.43°
EDUCATIONAL FOUNDATION, INC.								
<b>PRECLUDES CHANNELS 208, 209 &amp; 210:</b>								
KACC	209 A	FM	89.7 MHz	LIC	ALVIN		TX US	BLED-
19931110KA	-		1205		5.6 kW		101. m	109. m
N 29 24 1.00	W 95 12	13.00	-		30.79 km		19.13 mi	47.73°
COMMUNITY COLLEGE								
<b>PRECLUDES CHANNEL 210:</b>								
KQVI-FM	210 C3	FM	89.9 MHz	LIC	CEDAR LAKE		TX US	BLED-
20101220ACB	-		174444		10. kW		61. m	60. m
N 28 46 34.00	W 95 37	14.70	-		51.68 km		32.11 mi	200.00°
CRISTIANO DE VIDA ETERNA								
<b>PRECLUDES CHANNELS 210, 211 &amp; 212:</b>								
KPFT	211 C1	FM	90.1 MHz	LIC	HOUSTON		TX US	BLED-
20070209ABQ	-		51244		100. kW		205. m	232. m
N 29 53 15.00	W 95 31	22.00	1048161		75.07 km		46.65 mi	353.84°
FOUNDATION, INC.								

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Latitude	Longitude			ASRN	Dist (km)	Dist (mi)		
Licensee/Permittee								
<b>PRECLUDES CHANNELS 212, 213 &amp; 214:</b>								
KJIC	213	C2 FM	90.5 MHz	LIC	SANTA FE		TX US	BMLED-
20161221AAF	-		12972		36. kW DA	174. m	181. m	175. m
N 29 17 43.00	W 95 15 22.00		1237457		19.91 km	12.37 mi	63.00°	
COMMUNITY RADIO, INC.								
<b>PRECLUDES CHANNELS 215, 216 &amp; 217:</b>								
KYBJ	216	C3 FM	91.1 MHz	LIC	LAKE JACKSON		TX US	BLED-
20111227AAU	-		18555		17.5 kW DA	86.9 m	86.9 m	86. m
N 29 0 40.00	W 95 18 34.00		1209743		25.79 km	16.03 mi	150.85°	KSBJ
EDUCATIONAL FOUNDATION								
<b>PRECLUDES CHANNEL 217:</b>								
KPVU	217	C2 FM	91.3 MHz	LIC	PRAIRIE VIEW		TX US	BLED-
20090722AAV	-		53347		31. kW DA	128.4 m	198.6 m	123. m
N 30 5 21.00	W 95 59 46.00		1056336		110.98 km	68.96 mi	331.18°	PRAIRIE
VIEW A & M UNIVERSITY								
<b>PRECLUDES CHANNEL 218:</b>								
K218EJ	218	D FX	91.5 MHz	CP	TEXAS CITY		TX US	BPFT-
20170814ABK	-		20799		0.092 kW DA	0. m	162. m	160. m
N 29 24 43.00	W 94 57 8.00		1001973		52.11 km	32.38 mi	64.89°	ALELUYA
BROADCASTING NETWORK								
<b>PRECLUDES CHANNELS 218, 219 &amp; 220:</b>								
KXNG	219	C2 FM	91.7 MHz	LIC	HOUSTON		TX US	BLED-
19910614KD	-		72685		50. kW	150. m	175. m	153. m
N 30 3 54.00	W 95 16 10.00		-		95.73 km	59.48 mi	9.78°	KSBJ
EDUCATIONAL FOUNDATION, INC.								
<b>PRECLUDES CHANNEL 220:</b>								
KROI	221	C1 FM	92.1 MHz	LIC	SEABROOK		TX US	BLH-
20050912AAL	-		35565		22. kW	526. m	537.4 m	530.4 m
N 29 17 56.00	W 95 14 11.00		1048576		21.81 km	13.55 mi	64.33°	RADIO
ONE LICENSES, LLC								



**FIGURE EE3—Map Showing Channel 6 Protection to KIPS-LD (0000013791)**

