

Channel Study

REFERENCE	CH#	251D - 98.1 MHz, Pwr= 0.1 kW, HAAT=155.2M,		COR= 157 M		DISPLAY DATES						
30 06 35.0 N.		Average Protected F(50-50)= 12.8 km										
94 01 42.0 W.												
CH CITY	CALL	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	INT(km) COR(M)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*		
253C Port Arthur	KTJM	LIC C TX	262.4	48.50	30 03 05.0	100.000	13.7	91.8	22.11	-43.98*		
			82.2	BMLH20050429ADO	94 31 37.0	599	609	Liberman Broadcasting Of H				
253C Port Arthur	KTJM	CP CX TX	258.4	51.00	30 01 01.0	100.000	13.7	91.8	24.61	-41.50*		
			78.2	BPH20040427ABJ	94 32 47.0	599	611	Liberman Broadcasting Of H				
251D Beaumont	K251AL	CP C TX	290.9	19.32	30 10 17.0	0.075	42.3	12.8	-35.79	-36.01		
			110.8	BMPFT20061129AKD	94 12 57.0	178	181	Educational Media Foundati				
248C Beaumont	KFNC	LIC C TX	218.3	58.23	29 41 52.0	100.000	13.7	91.7	31.75	-34.21*		
			38.1	BLH20011212AAV	94 24 09.0	598	598	Cmp Kc Licensing, Llc				
248C Mont Belvieu	KFNC	CP CX TX	218.3	58.23	29 41 52.0	100.000	13.7	91.7	31.75	-34.21*		
			38.1	BPH20060419ABC	94 24 09.0	598	598	Cmp Kc Licensing, Llc				
250C2 De Ridder	KQLK	LIC C LA	53.7	95.44	30 36 57.0	50.000	79.5	53.4	3.21	23.04		
			234.1	BLH20010212AAA	93 13 31.0	159	185	Cumulus Licensing Llc				
250C Houston	KBXX	LIC CY TX	247.8	154.92	29 34 34.0	100.000	136.1	91.4	6.13	44.54		
			67.1	BLH19831026AD	95 30 36.0	590	605	Radio One Licenses, Llc				
251A Groveton	KKUL-FM	CP ZCX TX	320.2	141.91	31 05 18.0	6.000	87.4	28.9	41.61	70.18		
			139.8	BNPH20050103AAW	94 58 56.0	105	177	Matinee Radio, Llc				
251D Jasper	K251AM	CP C TX	2.0	97.40	30 59 16.2	0.100	35.4	10.4	49.29	44.49		
			182.0	BNPFT20030812ABO	93 59 35.0	102	169	Gerald R. Proctor				
252D Lake Charles	W252AQ	LIC DHN LA	82.7	78.48	30 11 50.0	0.203	21.1	14.0	44.52	45.27		
			263.1	BLFT19930629TE	93 13 12.0	132	132	Family Stations, Inc.				

Terrain database is NGDC 30 SEC
 ERP and HAAT on direct-line with reference station.
 "*"affixed to 'IN' or 'Out' values = site inside protected contour.

Compliance with C.F.R. 74.1204

The proposed FM Translator is located within the protected 60 dBu contour of second adjacent channel station KTJM, channel 253C, Port Arthur, TX. The predicted F(50-50) field strength of KTJM at the proposed translator site is 78.2 dBu, (see Exhibit 12A-1). Therefore, the respective predicted interfering contour generated by the proposed FM Translator is 118.2 dBu. This interfering contour extends approximately 86.1 meters from the proposed transmit antenna, and the area of overlap does not reach the ground (the antenna will be mounted at the 155 meter level on a 174 meter tower).

The proposed FM Translator is located within the protected 60 dBu contour of second adjacent channel station KTJM.C, channel 253C, Port Arthur, TX. The predicted F(50-50) field strength of KTJM.C at the proposed translator site is 77.1 dBu, (see Exhibit 12A-2). Therefore, the respective predicted interfering contour generated by the proposed FM Translator is 117.1 dBu. This interfering contour extends approximately 97.7 meters from the proposed transmit antenna, and the area of overlap does not reach the ground (the antenna will be mounted at the 155 meter level on a 174 meter tower).

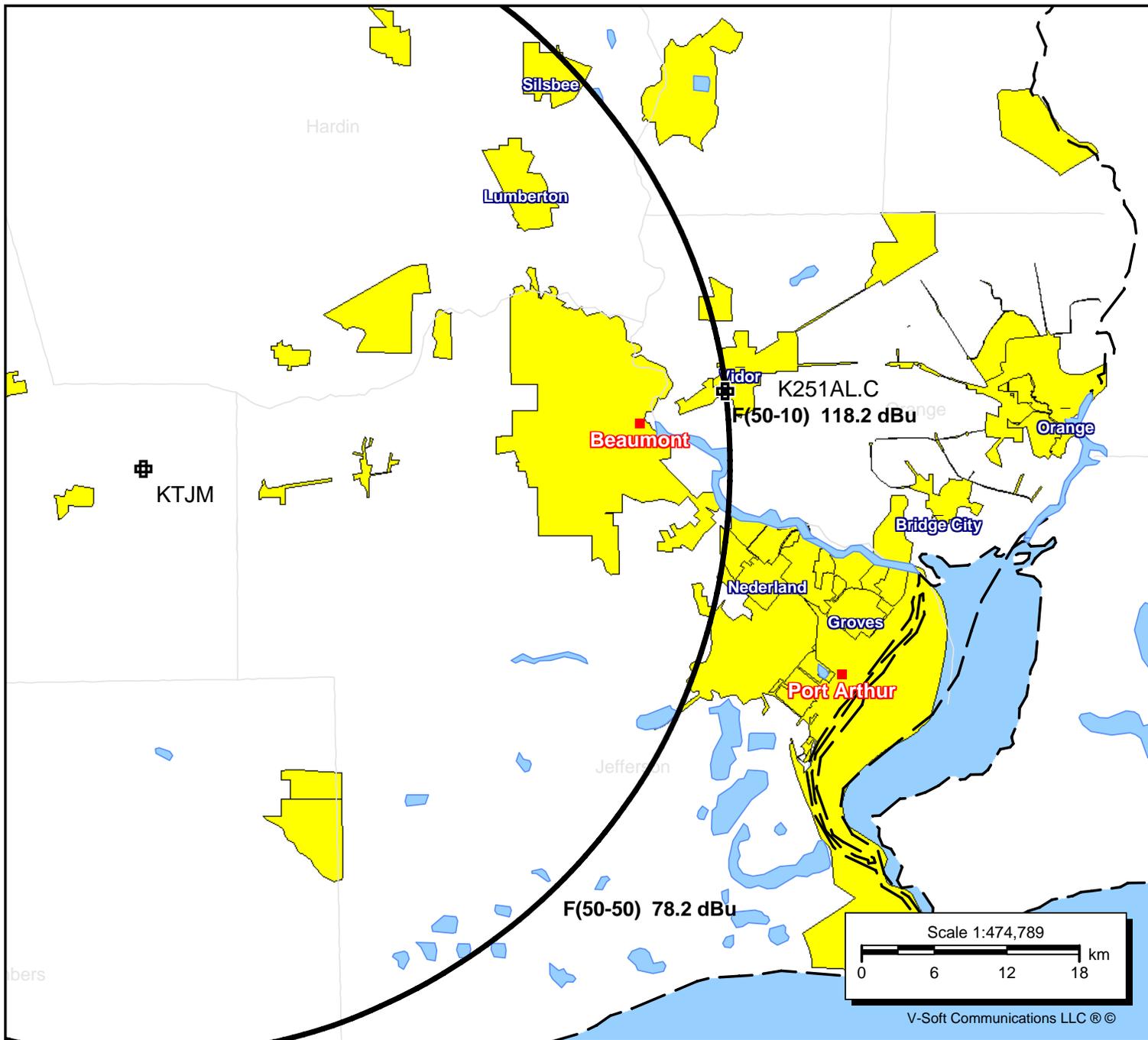
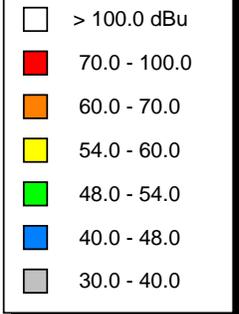
To confirm the absence of population within the interference aperture, EMF has examined the attached topographic map (see Exhibit 12C) and aerial photo (see Exhibit 12D), both indicating a lack of structures tall enough to enter the 86.1 meter and 97.7 meter interference apertures.

In an abundance of caution, and to further confirm the absence of population within the interference aperture, Educational Media Foundation (EMF) has included an additional study in this exhibit (see Exhibit 12E). This study shows a scale drawing of the one and two story houses adjacent to the proposed site, EMF's site dimensions, and the contour of predicted interference.

Therefore, EMF respectfully requests a waiver of C.F.R 74.1204 based on no population within the area of predicted interference.

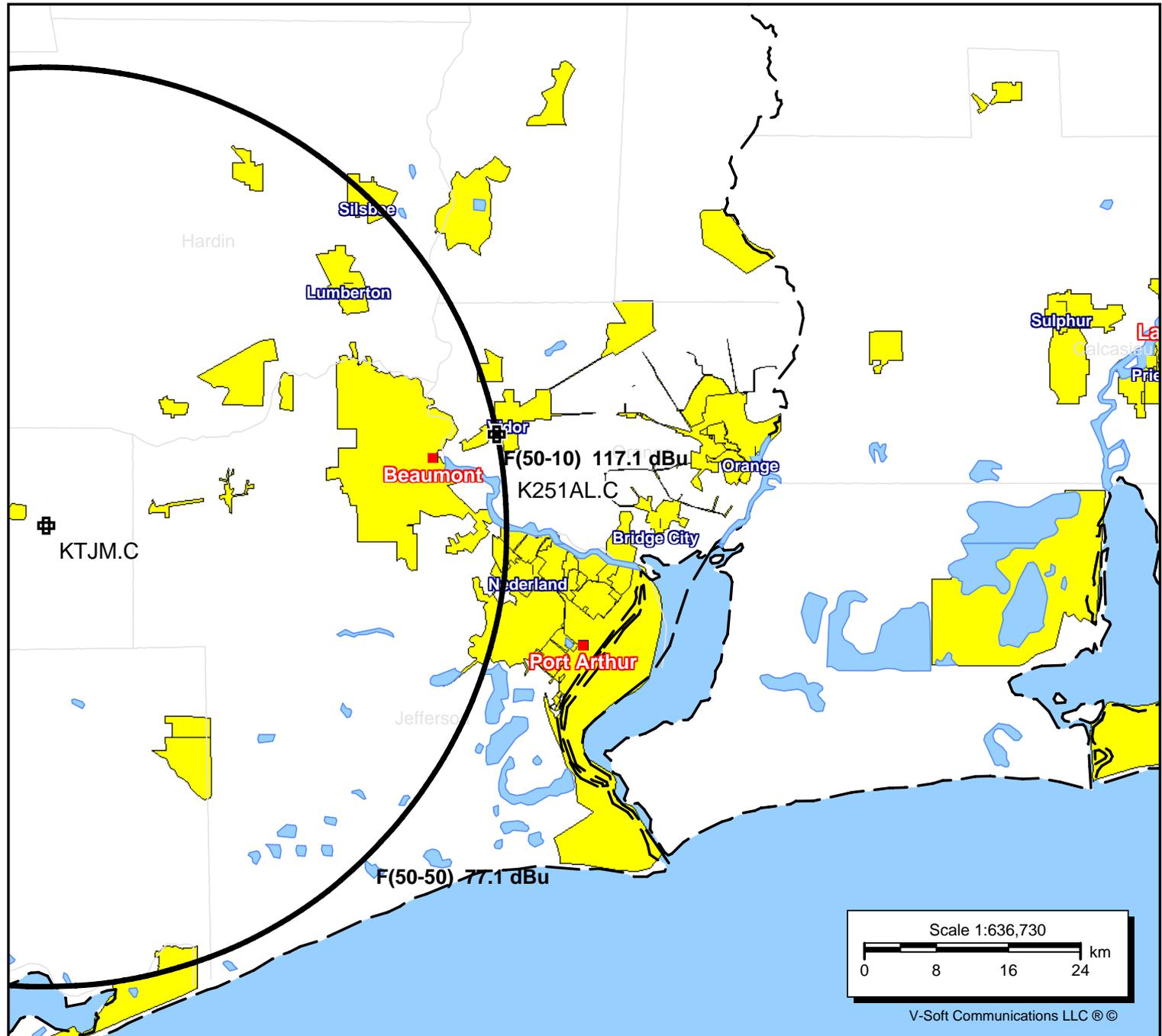
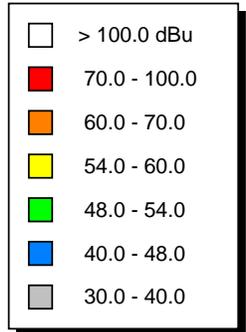
K251AL.C

Latitude: 30-06-35 N
Longitude: 094-01-42 W
ERP: 0.10 kW
Channel: 251
Frequency: 98.1 MHz



K251AL.C

Latitude: 30-06-35 N
Longitude: 094-01-42 W
ERP: 0.10 kW
Channel: 251
Frequency: 98.1 MHz



Compliance with C.F.R. 74.1204

The proposed FM Translator is located within the protected 60 dBu contour of third adjacent channel station KFNC, channel 248C, Beaumont, TX. The predicted F(50-50) field strength of KFNC at the proposed translator site is 73.9 dBu, (see Exhibit 12B-1). Therefore, the respective predicted interfering contour generated by the proposed FM Translator is 113.9 dBu. This interfering contour extends approximately 141.3 meters from the proposed transmit antenna, and the area of overlap does not reach the ground (the antenna will be mounted at the 155 meter level on a 174 meter tower).

The proposed FM Translator is located within the protected 60 dBu contour of third adjacent channel station KFNC.C, channel 248C, Mont Belvieu, TX. The predicted F(50-50) field strength of KFNC.C at the proposed translator site is 73.9 dBu, (see Exhibit 12B-2). Therefore, the respective predicted interfering contour generated by the proposed FM Translator is 113.9 dBu. This interfering contour extends approximately 141.3 meters from the proposed transmit antenna, and the area of overlap does not reach the ground (the antenna will be mounted at the 155 meter level on a 174 meter tower).

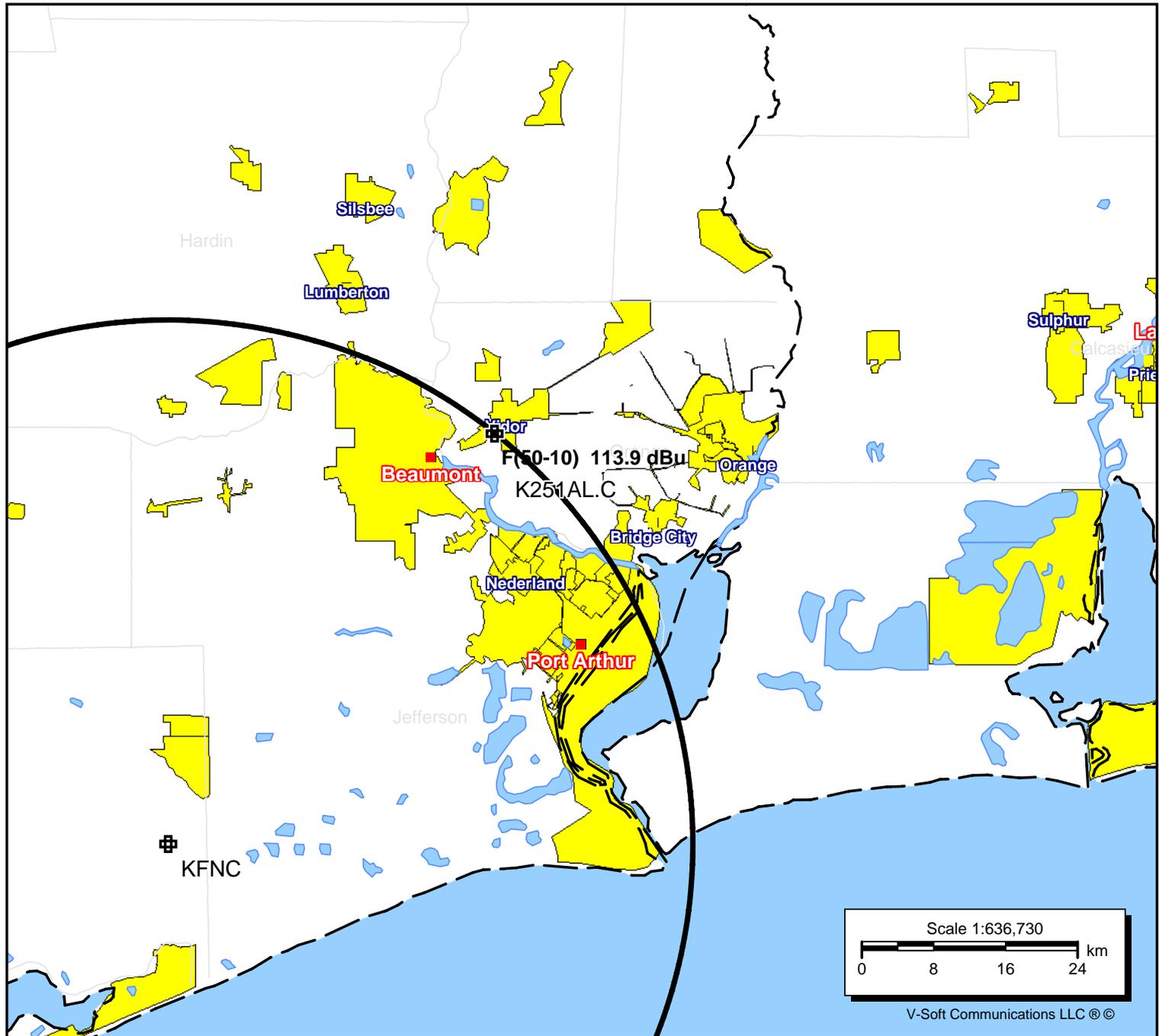
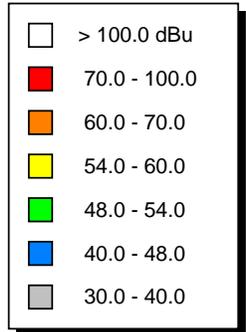
To confirm the absence of population within the interference aperture, EMF has examined the attached topographic map (see Exhibit 12C) and aerial photo (see Exhibit 12D), both indicating a lack of structures which could be tall enough to enter either of the 141.3 meter interference apertures.

In an abundance of caution, and to further confirm the absence of population within the interference aperture, Educational Media Foundation (EMF) has included an additional study in this exhibit (see Exhibit 12E). This study shows a scale drawing of the one and two story houses adjacent to the proposed site, EMF's site dimensions, and the contour of predicted interference.

Therefore, EMF respectfully requests a waiver of C.F.R 74.1204 based on no population within the area of predicted interference.

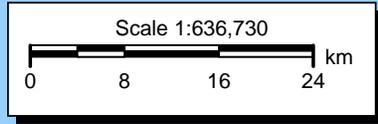
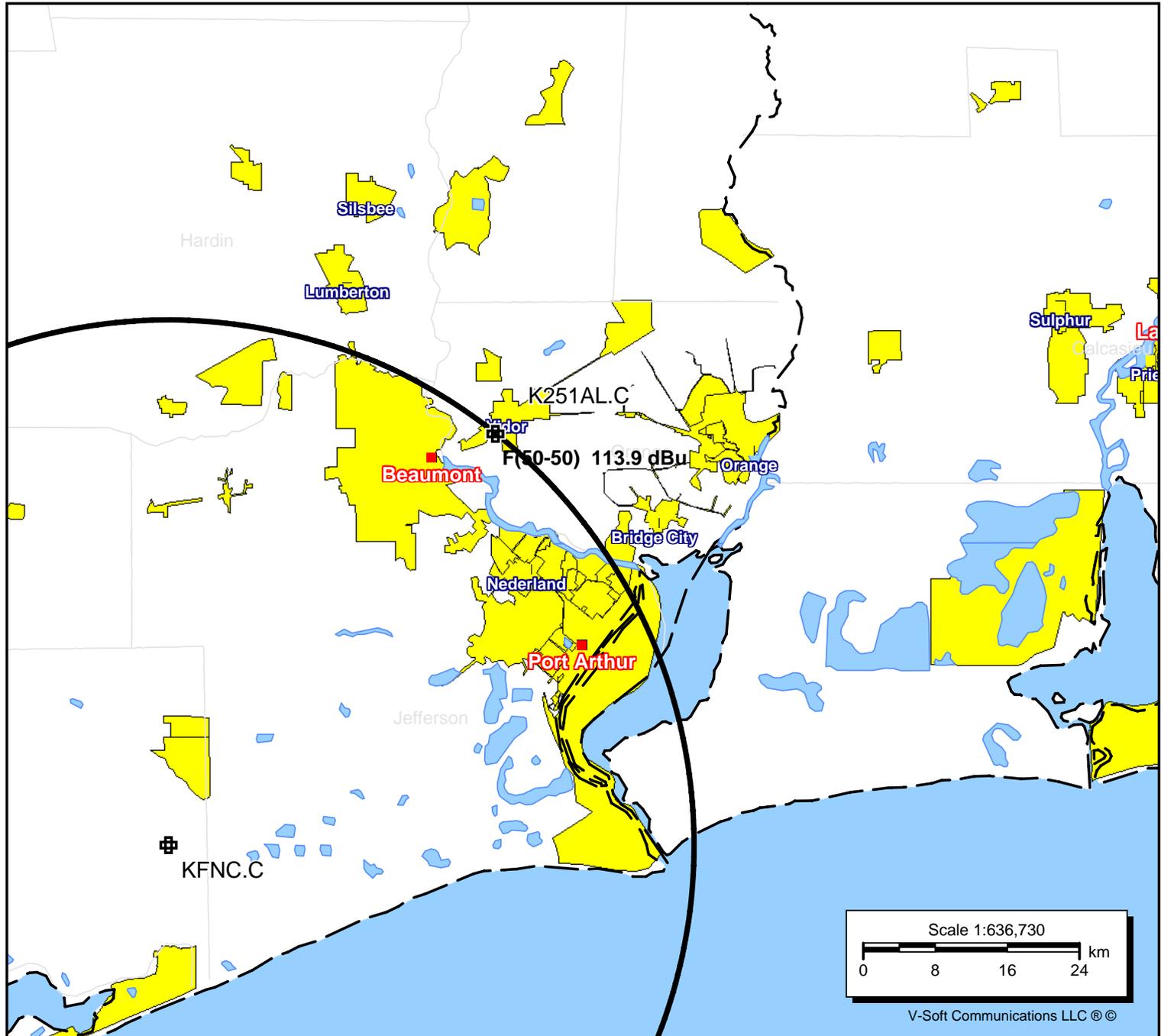
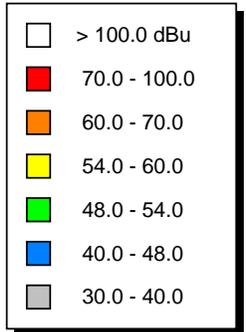
K251AL.C

Latitude: 30-06-35 N
Longitude: 094-01-42 W
ERP: 0.10 kW
Channel: 251
Frequency: 98.1 MHz

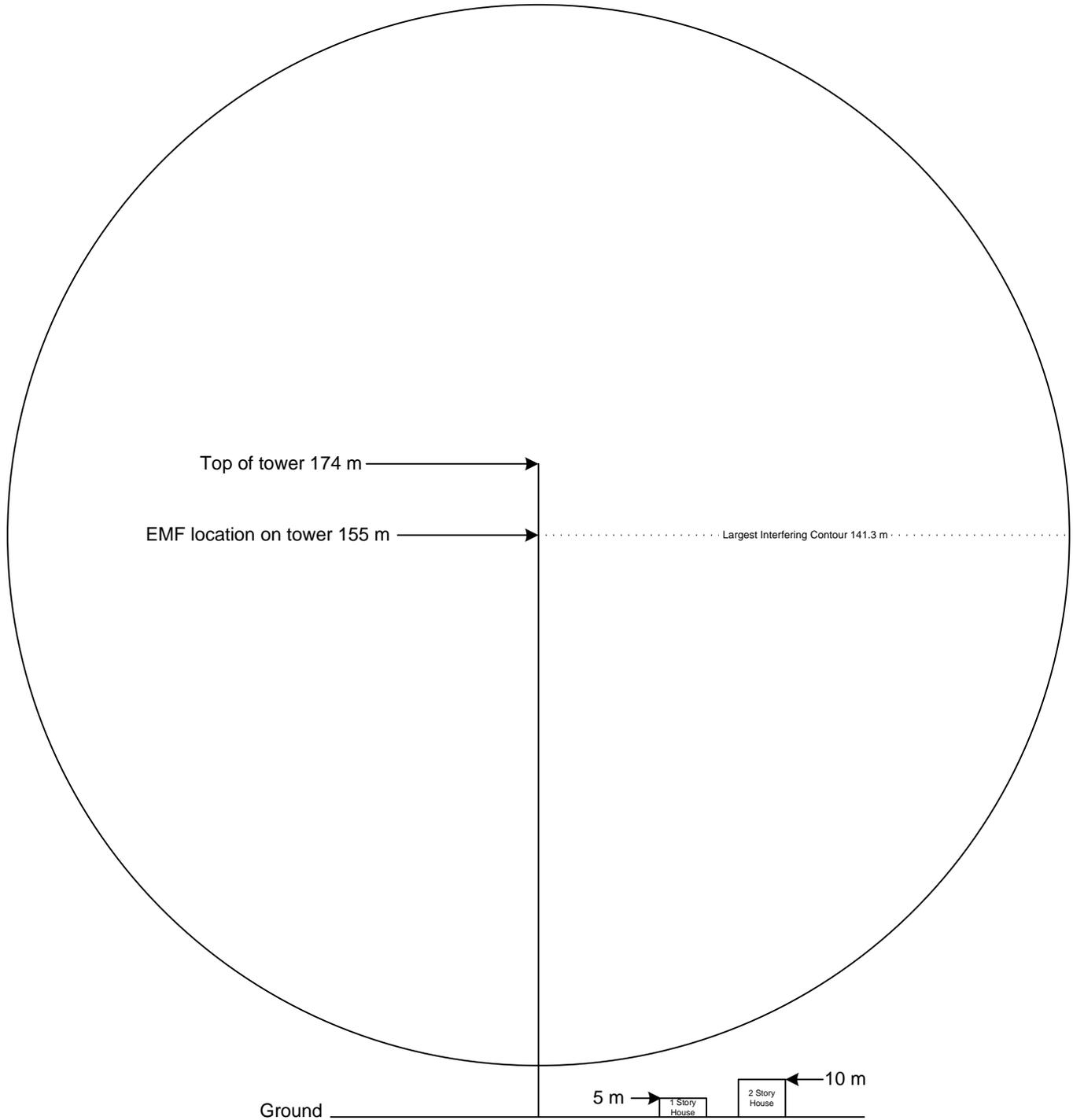


K251AL.C

Latitude: 30-06-35 N
Longitude: 094-01-42 W
ERP: 0.10 kW
Channel: 251
Frequency: 98.1 MHz







1 inch = 40 meters