

**Proposed Modification**

The proposed modification includes changes as indicated below:

	FROM	TO
CHANNEL	216	218
CLASS	D	D
ERP	.140 kW, Horizontal, Directional	.250 kW, Vertical, Directional
HAAT	137 M	93 M
COORDINATES	29 23 45 / 94 44 10	29 24 55 / 94 42 47
ASRN	1049437	1207355
SITE AMSL	1.5 M	1.8 M
Tower AGL	169.2 M	103.6 M
Tower AMSL	170.7 M	105.4 M
COR AGL	135.5 M	91.2 M
COR AMSL	137.0 M	93.0 M

The proposed modification complies with all requirements of Section 74.1204 of the Commission's rules. The proposed site is located 3.1 km, 46 degrees from the existing site, and the proposed 1 mV/m contour will overlap the existing 1 mV/m contour. The below listed pages of this Exhibit contains information as indicated.

Page 2	Tabulation of HAAT / distance to 1 mV/m contour
Page 3	Proposed and Existing 1 mV/m contour map
Page 4	Allocation Study

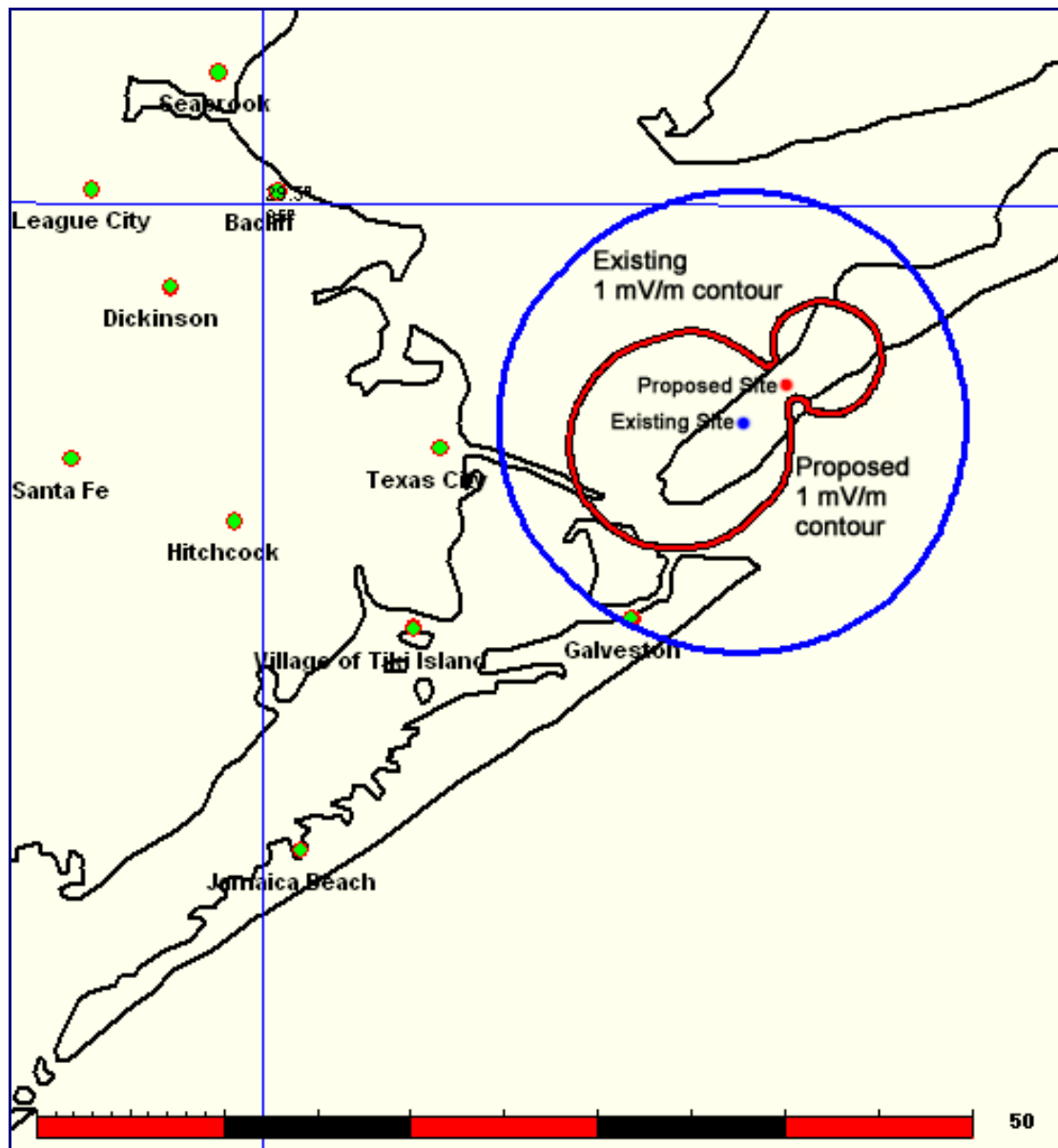
**Tabulation of HAAT / distances to 1 mV/m contour**

CH 218 D 29 24 55 / 94 42 47 .250 kW ERP, Vertical, Directional 93 M COR AMSL 93 M HAAT

Azi.	AV EL	HAAT	ERP kW	dBk	Field	60-F5
000	0.0	93.0	0.0016	-27.96	0.080	3.47
010	0.0	93.0	0.0025	-26.02	0.100	3.92
020	0.0	93.0	0.0042	-23.74	0.130	4.50
030	0.0	93.0	0.0056	-22.50	0.150	4.86
040	0.0	93.0	0.0072	-21.41	0.170	5.19
050	0.0	93.0	0.0090	-20.45	0.190	5.49
060	0.0	93.0	0.0100	-20.00	0.200	5.63
070	0.0	93.0	0.0090	-20.45	0.190	5.49
080	0.0	93.0	0.0081	-20.92	0.180	5.34
090	0.0	93.0	0.0056	-22.50	0.150	4.86
100	0.0	93.0	0.0042	-23.74	0.130	4.50
110	0.0	93.0	0.0025	-26.02	0.100	3.92
120	0.0	93.0	0.0016	-27.96	0.080	3.47
130	0.0	93.0	0.0006	-32.04	0.050	2.70
140	0.0	93.0	0.0000	-46.02	0.010	1.11
150	0.0	93.0	0.0000	-46.02	0.010	1.11
160	0.0	93.0	0.0000	-46.02	0.010	1.11
170	0.0	93.0	0.0000	-46.02	0.010	1.11
180	0.0	93.0	0.0081	-20.92	0.180	5.34
190	0.0	93.0	0.0225	-16.48	0.300	6.85
200	0.0	93.0	0.0625	-12.04	0.500	8.85
210	0.0	93.0	0.1156	-9.37	0.680	10.32
220	0.0	93.0	0.1806	-7.43	0.850	11.49
230	0.0	93.0	0.2256	-6.47	0.950	12.12
240	0.0	93.0	0.2500	-6.02	1.000	12.42
250	0.0	93.0	0.2256	-6.47	0.950	12.12
260	0.0	93.0	0.1806	-7.43	0.850	11.49
270	0.0	93.0	0.1156	-9.37	0.680	10.32
280	0.0	93.0	0.0625	-12.04	0.500	8.85
290	0.0	93.0	0.0225	-16.48	0.300	6.85
300	0.0	93.0	0.0081	-20.92	0.180	5.34
310	0.0	93.0	0.0000	-46.02	0.010	1.11
320	0.0	93.0	0.0000	-46.02	0.010	1.11
330	0.0	93.0	0.0000	-46.02	0.010	1.11
340	0.0	93.0	0.0000	-46.02	0.010	1.11
350	0.0	93.0	0.0006	-32.04	0.050	2.70

Average HAAT determined by above highlighted 12 radials

Proposed & Existing 1 mV/m contour



**Allocation Study**

CH 218 D 29 24 55 / 94 42 47 .250 kW ERP, Vertical, Directional 93 M COR AMSL 93 M HAAT

CH CITY	CALL	TYPE STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr(kW) HAAT(M)	COR(M) INT(km)	PRO(km) LICENSEE	*IN* (Overlap in km)	*OUT*
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Reference station:

216D	K216CJ	LIC DHN	225.9	3.11	29 23 45	0.109	137	12.2	-9.49*	-10.13*
Galveston		TX	45.9	BLFT19930629TD	94 44 10	137	0.7	Family Stations, Inc.		

First, second, & third adjacent channel relationships:

215C3	KTSU	LIC CN	298.7	71.78	29 43 25	18.500	97	35.1	62.65	36.50
Houston		TX	118.4	BLED19791128AC	95 21 52	91	3.6	Texas Southern University		
216C3	KYBJ.A	APP DCX	214.8	12.28	29 19 28	9.187	115	33.4	-1.91	-21.96*
Galveston		TX	34.8	BMJPED19991109AC	94 47 08	115	3.3	Educational Media Foundati		
216C3	KYBJ.A	APP DCX	214.8	12.28	29 19 28	3.384	135	28.3	-1.22	-16.88*
Galveston		TX	34.8	BMJPED19991109AC	94 47 08	135	2.6	Educational Media Foundati		
216D	K216BX	LIC DCN	235.8	73.28	29 02 37	0.074	140	11.3	60.38	60.93
Lake Jackson		TX	55.5	BLFT19950828TC	95 20 11	140	0.6	Ksbj Educational Foundatio		
216C3	KYBJ	LIC DCN	235.8	73.28	29 02 37	2.839	140	27.7	58.49	44.53
Lake Jackson		TX	55.5	BLED19960318KB	95 20 11	140	2.5	Educational Media Foundati		
217C2	KVLU	LIC CN	39.3	100.13	30 06 40	40.000	141	48.7	21.65	44.19
Beaumont		TX	219.6	BLED19781227AD	94 03 10	139	73.3	Lamar University		
217D	K217DJ	LIC C	295.1	32.97	29 32 26	0.183	58	9.3	13.90	15.08
Kemah		TX	114.9	BLFT20020826ABD	95 01 17	58	12.9	Best Media Inc.		
218D	K218DA	LIC C	296.6	75.19	29 42 59	0.010	61	4.1	56.28	51.63
Houston,		TX	116.3	BLFT20000710ABI	95 24 30	50	13.0	William Marsh Rice Univers		
219C2	KTRU	LIC CN	323.5	89.91	30 03 54	50.000	175	53.2	9.56	35.14
Houston		TX	143.2	BLED19910614KD	95 16 10	158	79.2	William Marsh Rice Univers		
221C1	KROI	LIC C	255.8	52.43	29 17 56	22.000	537	72.9	32.81	-21.46*
Seabrook		TX	75.6	BLH20050912AAL	95 14 11	534	7.9	Radio One Licenses, Llc		

i.f. channel relationships:

271C	KMJQ	LIC CN	283.4	77.71	29 34 27	100.000	544	88.4	29.0R	48.7M
Houston		TX	103.0	BLH19831017AC	95 29 37	527	109.0	Radio One Licenses, Llc		

CH 6 TV:

06-3C	KFDMTV	LI HN	41.1	107.21	30 08 24	100.000	298	103.3	132.0R	-24.8M•
Beaumont		TX	221.5	BLCT2049	93 58 44	293	1.5	Freedom Broadcasting Of Te		

ERP and HAAT on direct-line with reference station.

• affixed to TV6 Margin= no direct-line contour overlap.

\*\*\*affixed to 'IN' or 'Out' values = site inside protected contour.

**Allocation Study**

The proposed change from CH 216 to CH 218 will result in the site being located within the 60 dBu of the following stations:

KYBJ.A APP 216 C3 Dom 15.800 kW 115 M HAAT MDCX  
Galveston TX 115M COR AMSL  
Lat= 29 19 28, Lng= 94 47 08  
Educational Media Foundati BMJPED19991109AC  
App ID# 663485, Cutoff Date= M  
Dist.=12.28426 km, Azi=214.8°, Rev Azi=34.8°  
Signal strength at FM Translator site: 77.7 dBu

KROI LIC 221 C1 Dom 22.000 kW 526 M HAAT M C  
Seabrook TX 537M COR AMSL  
Lat= 29 17 56, Lng= 95 14 11  
Radio One Licenses, Llc BLH20050912AAL  
Fac ID# 35565  
Dist.=52.42935 km, Azi=255.8°, Rev Azi=75.6°  
Signal strength at FM Translator site: 68.6 dBu

For a worst case estimation, the 108.6 dBu FM interference contour was used, which corresponds to the KROI signal strength at the FM Translator site of 68.6 dBu.

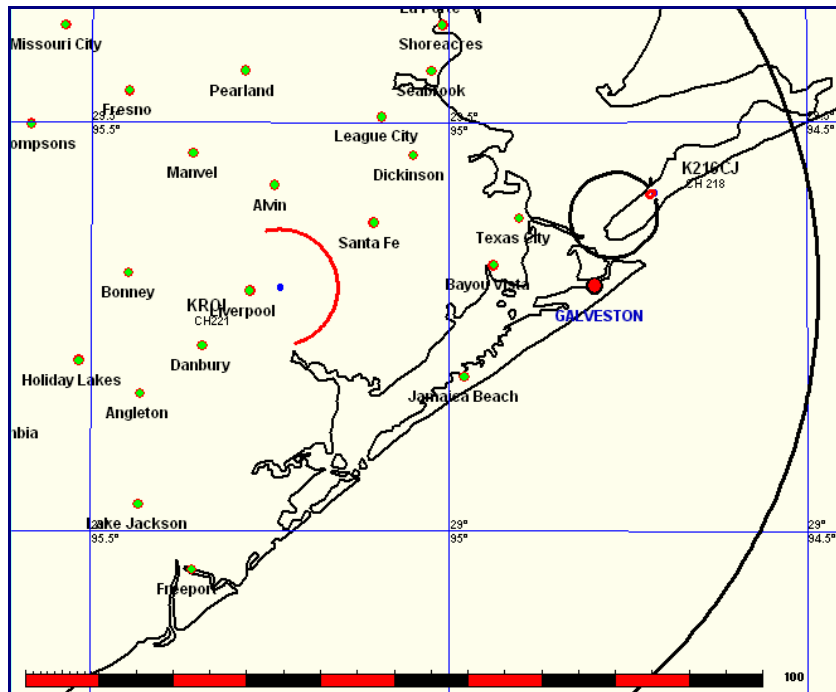
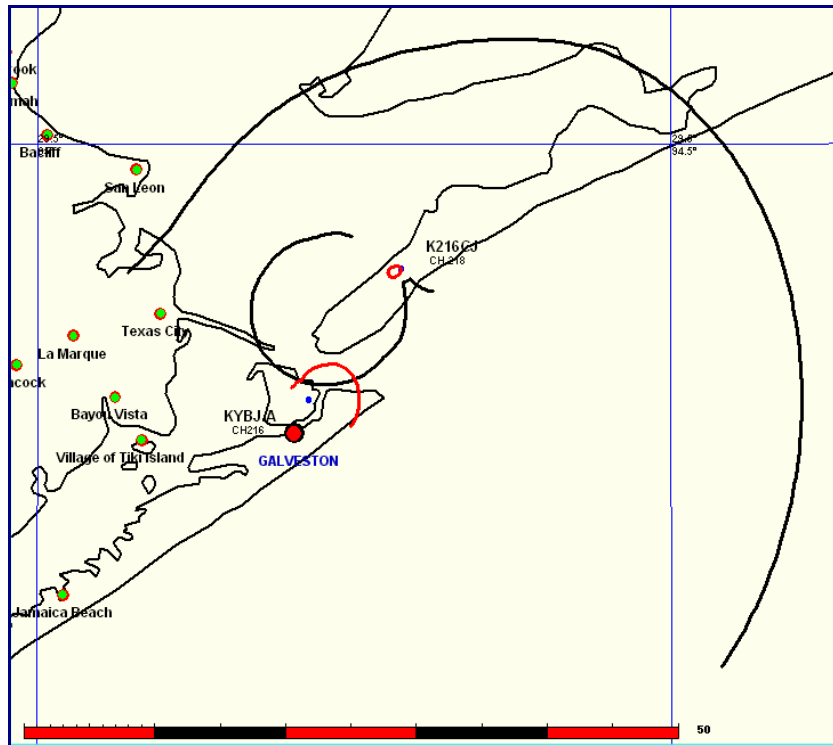
The population within the 108.6 dBu interference contour was determined by referencing a satellite map of the site, which shows no structures within the 108.6 dBu contour (excluding the site transmitter building). The satellite map was utilized in lieu of either a census population study or a USGS 7.5 minute topographic map as it contains more updated information of the area.

Based on the showing of the lack of population within the 108.6 dBu interference contour, it is presented that the proposed modification of K216CJ complies with the criteria of Section 74.1204(d).

The following pages of this Exhibit contain detailed information regarding the relationship of the FM Translator to the two affected FM stations.

**Allocation Study**

Maps of K216CJ (MOD) to KYBJ (APP) & KROI (LIC)



**Allocation Study**

CH 218 D 29 24 55 / 94 42 47 .250 kW ERP, Vertical, Directional 93 M COR AMSL 93 M HAAT

Azi.	AV EL	HAAT	ERP kW	dBk	Field	108.6-F5
000	0.0	93.0	0.0016	-27.96	0.080	0.03
010	0.0	93.0	0.0025	-26.02	0.100	0.04
020	0.0	93.0	0.0042	-23.74	0.130	0.05
030	0.0	93.0	0.0056	-22.50	0.150	0.06
040	0.0	93.0	0.0072	-21.41	0.170	0.07
050	0.0	93.0	0.0090	-20.45	0.190	0.08
060	0.0	93.0	0.0100	-20.00	0.200	0.08
070	0.0	93.0	0.0090	-20.45	0.190	0.08
080	0.0	93.0	0.0081	-20.92	0.180	0.07
090	0.0	93.0	0.0056	-22.50	0.150	0.06
100	0.0	93.0	0.0042	-23.74	0.130	0.05
110	0.0	93.0	0.0025	-26.02	0.100	0.04
120	0.0	93.0	0.0016	-27.96	0.080	0.03
130	0.0	93.0	0.0006	-32.04	0.050	0.02
140	0.0	93.0	0.0000	-46.02	0.010	0.00
150	0.0	93.0	0.0000	-46.02	0.010	0.00
160	0.0	93.0	0.0000	-46.02	0.010	0.00
170	0.0	93.0	0.0000	-46.02	0.010	0.00
180	0.0	93.0	0.0081	-20.92	0.180	0.07
190	0.0	93.0	0.0225	-16.48	0.300	0.12
200	0.0	93.0	0.0625	-12.04	0.500	0.21
210	0.0	93.0	0.1156	-9.37	0.680	0.28
220	0.0	93.0	0.1806	-7.43	0.850	0.35
230	0.0	93.0	0.2256	-6.47	0.950	0.39
240	0.0	93.0	0.2500	-6.02	1.000	0.41
250	0.0	93.0	0.2256	-6.47	0.950	0.39
260	0.0	93.0	0.1806	-7.43	0.850	0.35
270	0.0	93.0	0.1156	-9.37	0.680	0.28
280	0.0	93.0	0.0625	-12.04	0.500	0.21
290	0.0	93.0	0.0225	-16.48	0.300	0.12
300	0.0	93.0	0.0081	-20.92	0.180	0.07
310	0.0	93.0	0.0000	-46.02	0.010	0.00
320	0.0	93.0	0.0000	-46.02	0.010	0.00
330	0.0	93.0	0.0000	-46.02	0.010	0.00
340	0.0	93.0	0.0000	-46.02	0.010	0.00
350	0.0	93.0	0.0006	-32.04	0.050	0.02

**Allocation Study**

The below satellite map contains reference locations outlining the 108.6 dBu interference contour of the FM Translator

