

**Exhibit to KHTS Application
Minor Change
El Cajon, CA
Facility ID: 20697**

This exhibit presents the technical details of a change in antenna location to an existing shared antenna¹.

Antenna Location

The proposed shared antenna for KHTS is mounted 38 meters above ground on the tower identified by antenna structure registration number 1014527.

Spacing Compliance

Attached as Figure 1 is a spacing study from the proposed antenna location indicating compliance with the Commission's Section 73.207 rule with the exception of the facilities of KBHR.

Spacing

Spacing to the facilities of KBHR is requested via Section 73.215. Attached as Figure 2 is a contour overlap study which is representative of the results of an "FM Over" study of the proposed facility, indicating no prohibited contour overlap is calculate to result from this proposal. Attached as Figures 3 is a contour map depicting the material contours of this proposal as well as those of KBHR.

Operating Power

The height above average terrain ("HAAT") was determined by excluding all of the 225°, 270°, and 315° as they are over water. The HAAT was thus determined to be 198 meters.

The FCC provided web tool was utilized to determine an equivalent operating power for a class B facility with a 198 meter HAAT to be 29 Kw.

Principal Community Coverage

The principal community of El Cajon, CA and the proposed 70 dBu contour are presented in Figure 4. Over 91% of the

¹ This antenna is licensed for use by KBZT, KFBG, KPBS-FM, KXSN, and KYXY.

population and 88 % of the area of El Cajon are inside the predicted 70 dBu contour.

Radio Frequency Radiation Study and Statement

Due to the complexity of the surrounding RF environment, applicant will take power density measurements prior to filing of an application for license, demonstrating compliance with 73 CFR 1.1306.

Figures and Attachments

Figure 2 - Antenna Location Contour Study

KHTS at Master Antenna Spacing Study Citicasters Licenses, Inc.												
REFERENCE	CH#	227B - 93.3 MHz, Pwr= 29 kw, HAAT= 198.0 M, COR= 271 M										DISPLAY DATES
32 50 17.00 N.		Average Protected F(50-50)= 64.99 km										DATA 07-31-20
117 15 00.00 W.		73.215 Omni-directional										SEARCH 07-31-20
CH	CALL	TYPE	ANT	AZI	DIST	LAT	PWR(kw)	INT(km)	PRO(km)	*IN*	*OUT*	
CITY	STATE			<--	FILE #	LNG	HAAT(M)	COR(M)	LICENSEE	(Overlap in km)		
227B	KHTS-FM	LIC	N	127.8	19.57	32 43 48.20	50.000		---	Reference---		
	El Cajon	CA		307.9	BLH20021112ABY	117 05 05.10	147	240		Citicasters Licenses, Inc.		
227A	KBHR	LIC	N	14.7	165.60	34 16 41.00	1.300	64.8	10.8	35.7	21.8	
	Big Bear City	CA		194.9	BLH20050103AJG	116 47 34.10	214	2115		Parallel Broadcasting, Inc		
226B	KCBS-FM	LIC		334.0	172.44	34 13 55.00	27.500	171.8	117.0	168.5R	3.9M	
	Los Angeles	CA		153.6	BLH20100818AAQ	118 04 21.20	1074	1975		Entercom License, LLC		
225A	KXFG	LIC	D	6.4	84.24	33 35 34.40	6.000	5.5	38.7	68.5R	15.7M	
	Menifee	CA		186.5	BMLH20130301ABD	117 08 53.90	100	562		Entercom License, LLC		
224A	KYLA	LIC	Z	328.7	99.88	33 36 20.10	0.690	3.0	25.5	68.5R	31.4M	
	Fountain Valley	CA		148.4	BMLD20121211ABJ	117 48 38.20	293	376		Educational Media Foundati		
227A	R17547	VAC		150.1	197.93	31 17 27.32	3.000	98.2	24.0	163.0R	34.9M	
	Ejido Rodolfo San	BN		330.6		116 12 37.96	100	337				
228A	KDEY-FM	LIC	D	348.6	151.38	34 10 32.00	5.000	101.8	59.4	112.5R	38.9M	
	Ontario	CA		168.5	BLH20080521AEA	117 34 29.20	-40	927		Meruelo Radio Holdings, LL		
226C1	KLJZ	LIC		94.2	244.45	32 39 06.20	100.000	92.1	34.1	194.5R	50.0M	
	Yuma	AZ		275.6	BMLH20150107AAJ	114 39 03.80	25	76		Monstermedia, LLC		
225C1	R16813	VAC		157.9	131.46	31 44 29.29	100.000	14.8	72.0	79.0R	52.5M	
	Ensenada	BN		338.2		116 43 36.02	299	328				
228A	KDAY	LIC	Z	321.8	165.76	34 00 19.00	4.200	61.0	29.7	112.5R	53.3M	
	Redondo Beach	CA		141.2	BMLH20090618ADE	118 21 47.30	117	184		Meruelo Radio Holdings, LL		
281A	KKLM	LIC		8.2	70.40	33 27 58.80	4.100	0.0	0.0	14.5R	55.9M	
	Murrieta	CA		188.2	BLED20180301AAC	117 08 29.90	121	518		Educational Media Foundati		
281A	KKLM	CP		4.9	71.58	33 28 52.10	1.200	0.0	0.0	14.5R	57.1M	
	Murrieta	CA		184.9	BPED20190131AAY	117 11 02.10	226	630		Educational Media Foundati		
229A	R29255	ADD		152.1	123.75	31 51 10.28	3.000	2.3	24.0	65.0R	58.8M	
	Ensenada	BN		332.4		116 38 12.03	100	221				
229B	KCLB-FM	LIC		41.3	143.27	33 48 06.10	26.500	12.9	86.8	73.5R	69.8M	
	Coachella	CA		221.9	BMLH20111114BUJ	116 13 31.00	197	564		Alpha Media Licensee LLC		
229B	KCLB-FM	LIC		41.3	143.27	33 48 06.10	26.500	12.9	86.8	73.5R	69.8M	
	Coachella	CA		221.9	0000105532	116 13 31.00	197	564		Alpha Media Licensee LLC		
229A	AL4779	VAC		138.7	134.98	31 55 22.28	3.000	1.9	24.0	65.0R	70.0M	
	Ojos Negros	BN		319.2		116 18 19.01	100	840				
224A	KKUU	LIC		39.3	148.90	33 52 15.10	4.200	7.5	62.2	68.5R	80.4M	
	Indio	CA		219.9	BLH20021210ABQ	116 13 40.00	120	844		Alpha Media Licensee LLC		
230B	KLLI	LIC	D	334.1	171.70	34 13 36.00	18.500	7.0	110.6	73.5R	98.2M	
	Los Angeles	CA		153.6	BLH20060323ABU	118 04 02.20	917	1803		Kxos Radio Holdings, LLC		
281B	AL9219	VAC		152.0	123.29	31 51 20.29	50.000	0.0	0.0	20.0R	103.3M	
	Ensenada	BN		332.4		116 38 12.03	150	277				
228C2	AL2989	VAC		71.1	278.87	33 36 54.10	50.000	119.6	67.3	168.5R	110.4M	
	Ehrenberg	AZ		252.7	RM11692	114 24 16.84	150	445		S And H Broadcasting, Llc		

Terrain database is NGDC 30 SEC , R= 73.215 qualifying spacings or FCC minimum spacings in KM, M= Margin in KM
In & Out distances between contours are shown at closest points. Reference zone= - Zone 1A, Co to 3rd adjacent.
All separation margins (if shown) include rounding.
Ant Column: (D= DA Standard, Z= DA 73.215, N= Not DA 73.215, _= Omni), Polarization (C,H,V,E), Beamtilt(Y,N,X)
"="affixed to 'IN' or 'OUT' values = site inside restricted contour.
« = Station meets FCC minimum distance spacing for its class.
Reference station has protected zone issue: Mexico

Figure 3 - KHTS and KBHR 73.215 Contour Map

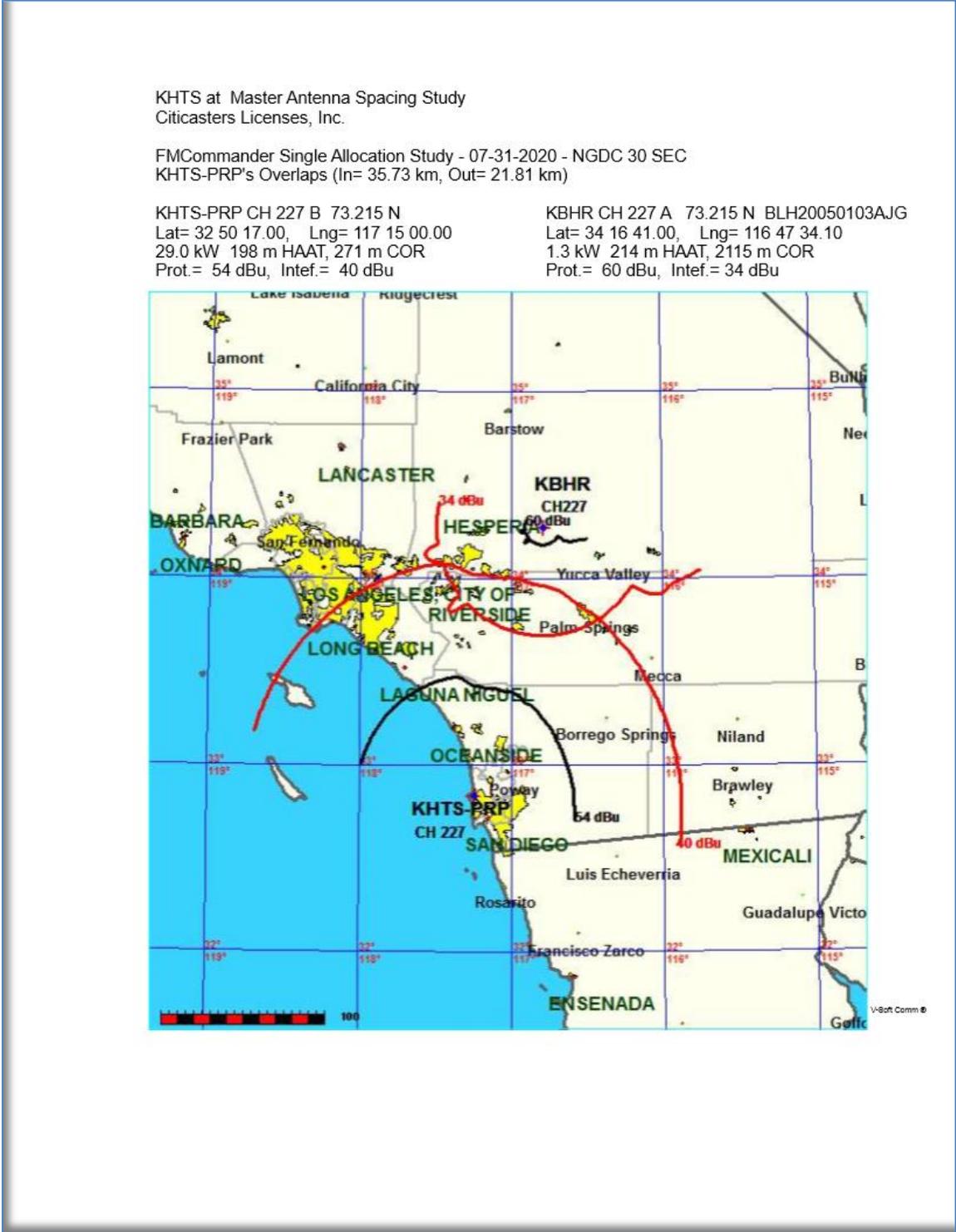


Figure 4 - 70 dBu Contour Map

