

Channel Study

Exhibit 15

REFERENCE		CH# 223D - 92.5 MHz, Pwr= 0.14 kW, HAAT=106.6M, COR= 1202 M								DISPLAY DATES	
35 55 15 N. 101 57 51 W.		Average Protected F(50-50)= 11.5 km Ave. F(50-10) 40 dBu= 39.4 54 dBu= 16.8 80 dBu= 3.6 100 dBu= .8								DATA 04-05-06 SEARCH 04-05-06	
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*	
223D Dumas	K223AU	CP C TX	0.0 180.0	0.18 BNPFT20030801COL	35 55 21 101 57 51	0.140 115	1202 40.8	11.9 Educational Media Foundati	-52.51*	-52.33*	
226C1 Amarillo	KQIZFM	LIC CN TX	171.3 351.4	70.52 BLH19841214KT	35 17 33 101 50 48	100.000 264	1269 9.5	69.4 Cumulus Licensing Llc	48.61	0.28	
277D Dumas	AP277	APP C TX	230.4 50.4	0.10 BNPFT20030317MCO	35 55 13 101 57 54	0.092 148	1222 12.2	12.2 Radio Assist Ministry, Inc	3.2R	-3.1M	
220D Fritch	AP220	APP DC TX	122.8 302.9	28.34 BNPFT20000417AAN	35 46 58 101 42 01	0.005 25	1051 0.2	2.7 Faith Pleases God Church C	16.08	24.81	
223A Groom	AL223	VAC TX	134.0 314.5	118.04 RM10459	35 10 49 101 01 46	6.000 70	1058 81.2	24.0 Maurice Salsa	24.30	51.39	
220C3 Amarillo	KXRI	LIC C TX	169.6 349.7	76.58 BLED20010604ABG	35 14 31 101 48 43	4.000 184	1217 3.1	34.2 Educational Media Foundati	61.00	41.57	
220D Fritch	AP220	APP C TX	131.3 311.5	45.47 BNPFT20000417AAN	35 39 02 101 35 10	0.140 127	1047 0.8	12.5 Faith Pleases God Church C	32.17	32.12	
224C3 Guymon	KKBS	LIC CN OK	27.4 207.6	93.85 BLH19921208KD	36 40 13 101 28 48	11.500 131	1091 55.9	37.0 Mls Communications, Inc.	25.53	38.37	
222D Borger	K222BE	CP C TX	121.6 301.9	59.92 BNPFT20030828AZZ	35 38 15 101 24 00	0.140 94	1017 15.5	10.8 Educational Media Foundati	32.40	31.23	
222D Borger	K222BE	CP C TX	120.9 301.3	60.11 BMPFT20050920AEI	35 38 31 101 23 39	0.170 87	1004 15.7	11.0 Educational Media Foundati	32.42	31.35	
224D Amarillo, North	AP224	APP C TX	168.7 348.8	65.44 BNPFT20030314CAR	35 20 33 101 49 20	0.011 509	1475 20.0	13.0 Grace Community Church Of A	32.94	33.77	
276A Amarillo	KRGH	LIC CN TX	174.3 354.4	72.81 BMLED19950509KB	35 16 04 101 53 06	3.000 143	1153 30.5	28.3 Family Life Broadcasting,	10.0R	62.8M	
224D Soncy	AP224	APP C TX	180.0 360.0	83.58 BNPFT20030311ARM	35 10 03 101 57 49	0.050 93	1168 11.8	8.4 Community Public Radio, In	59.81	57.50	

ERP and HAAT on direct-line with reference station.

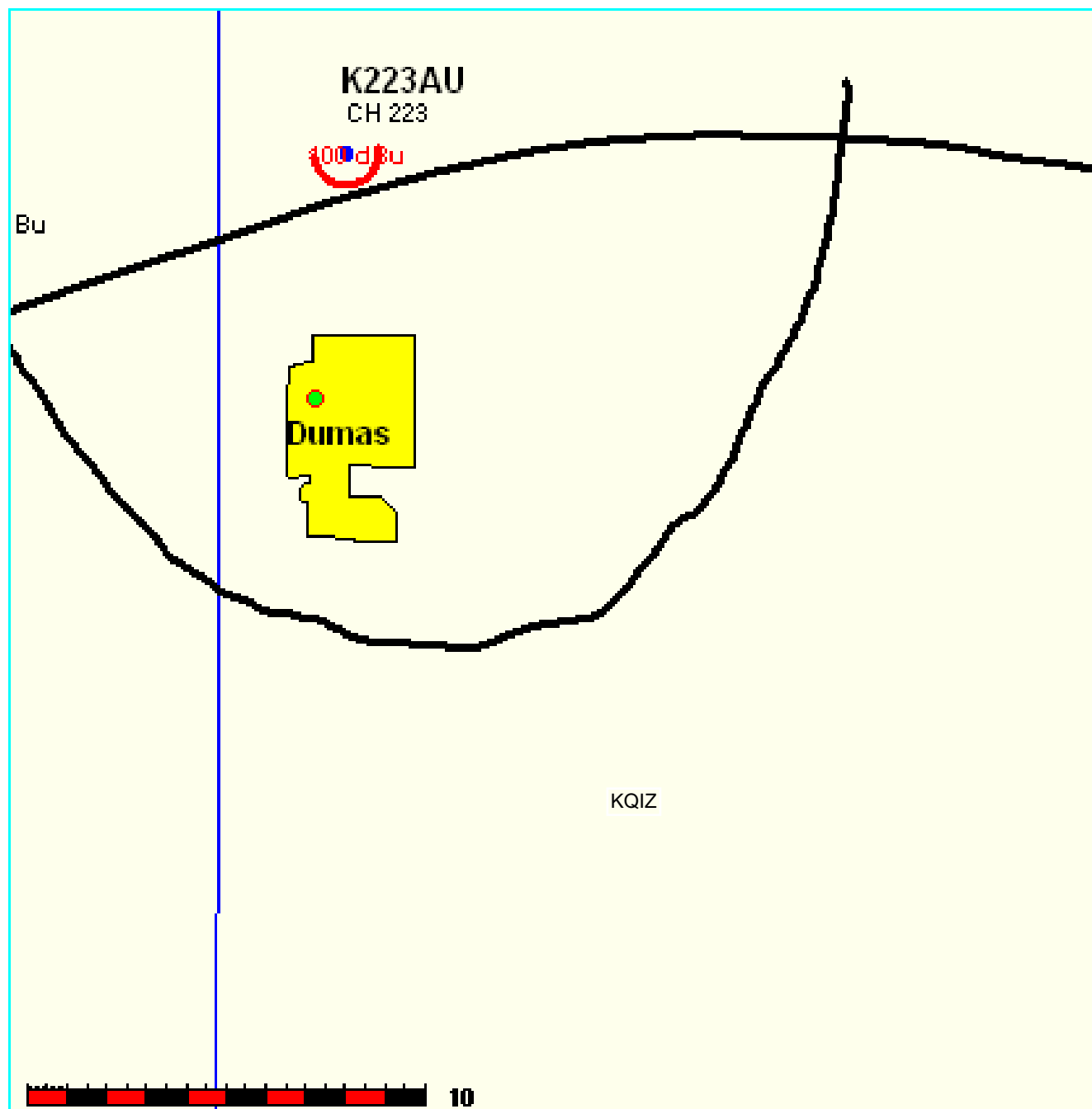
***affixed to 'IN' or 'Out' values = site inside protected contour.

FMCommander Allocation Study
07-10-2006

K223AU CH 223 D
0.14 kW 1202 M COR
Prot. = 60 dBu
Intef. = 100 dBu

KQIZFM CH 226 C1 BLH19841214KT
100.0 kW, 1269 M COR
Prot. = 60 dBu
Intef. = 100 dBu

Scale = 1:250,000



K223AU.P vs. KQIZFM

04-05-2006 30 Sec. Terrain Data

KQIZFM BLH19841214KT
 Channel = 226C1
 Max ERP = 100 kW
 RCAMSL = 1269 M
 N. Lat = 35 17 33
 W. Lng = 101 50 48
 Protected
 60 dBu

K223AU
 Channel = 223D
 Max ERP = 0.14 kW
 RCAMSL = 1202 M
 N. Lat = 35 55 15
 W. Lng = 101 57 51
 Interfering
 100 dBu

Azi muth (degrees)	ERP (kW)	HAAT (m)	Di st (km)	Azi muth (degrees)	ERP (kW)	HAAT (m)	Di st (km)	Actual (dBu)
345.0	100.0000	0253.7	068.5	243.8	000.1400	0074.9	007.9	63.34
346.0	100.0000	0255.1	068.7	242.7	000.1400	0075.3	006.8	66.23
347.0	100.0000	0256.2	068.8	240.6	000.1400	0075.6	005.6	69.75
348.0	100.0000	0257.4	068.9	237.4	000.1400	0075.2	004.4	73.74
349.0	100.0000	0259.2	069.0	232.1	000.1400	0074.9	003.2	78.80
350.0	100.0000	0261.1	069.2	221.1	000.1400	0079.8	002.1	86.37
351.0	100.0000	0263.3	069.3	191.2	000.1400	0107.1	001.2	96.47
352.0	100.0000	0265.3	069.5	133.3	000.1400	0127.7	001.3	96.27
353.0	100.0000	0267.4	069.7	104.3	000.1400	0121.3	002.2	88.20
354.0	100.0000	0268.9	069.8	094.7	000.1400	0123.7	003.3	82.10
355.0	100.0000	0270.7	070.0	090.1	000.1400	0125.8	004.5	77.54
356.0	100.0000	0271.9	070.1	088.1	000.1400	0127.2	005.7	73.84
357.0	100.0000	0272.5	070.1	087.4	000.1400	0128.2	006.9	70.50
358.0	100.0000	0272.9	070.2	087.2	000.1400	0128.2	008.2	67.63
359.0	100.0000	0272.7	070.1	087.4	000.1400	0128.2	009.4	65.23
000.0	100.0000	0272.5	070.1	087.8	000.1400	0127.2	010.6	62.98