

AMEND BPFT-20121017AAD
FAMILY WORSHIP CENTER CHURCH, INC.
K217EE FM TRANSLATOR STATION
CH 219D - 91.7 MHZ - 0.01 KW
BISHOP, CALIFORNIA
December 2012

EXHIBIT A

The proposed K217EE will operate with an effective radiated power of 0.01 kilowatt at 35.0 meters (114.8 feet) above ground level, will not cause interference to any existing, applied for, or proposed facility. As noted on Exhibit A1, the proposed K217EE is within the predicted 60 dBu contour of second adjacent station KDOX, Channel 217B, Big Pine, California. Due to the relationship between K217EE and KDOX, a 40 db ratio of the protected and interfering contours applies.

We have, therefore, calculated the level of signal of KDOX at the proposed K217EE site. A map showing the KDOX contour at the proposed K217EE site is attached as Exhibit A2. The KDOX contour at the K217EE site is 82.0 dBu (50/50), and the corresponding interfering contour for K217EE is 122.0 dBu (50/10). The 122.0 dBu interfering contour of K217EE extends 0.02 kilometer (65.6 feet) as indicated on Exhibit A3. As the K217EE antenna will be mounted at 35 meters (114.8 feet) above ground level, this contour never reaches the ground. As such, WDOX will not receive interference from the proposed translator.

Based on the foregoing, it is believed that the proposed K217EE is in compliance with §74.1204(d) of the Commission's rules. If a waiver of the rule is needed to address KDOX, one is respectfully requested.

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EXHIBIT A1

Interference Study for K217EE on Channel 219, Bishop, California
Using Proposed/Licensed Site as Reference

REFERENCE CH# 219D - 91.7 MHz, Pwr= 0.01 kW, HAAT= -205.2 M, COR= 1620 M DISPLAY DATES
37 21 18.0 N. Average Protected F(50-50)= 3.2 km DATA 12-11-12
118 17 04.0 W. Omni-directional SEARCH 12-11-12

CH CITY	CALL	TYPE	ANT STATE	AZI. <--	DIST FILE #	LAT. LNG.	Pwr (kW) HAAT (M)	INT (km) COR (M)	PRO (km) LICENSEE	*IN* (Overlap in km)	*OUT*
217D Bishop	K217EE	LIC	H CA	0.0 0.0	0.00 BLFT20010125ACG	37 21 18.0 118 17 04.0	0.010 -204	0.2 1620	3.2 Family Worship Center Church	-3.4*	-3.4*
217B Big Pine	KDOX	LIC	EX CA	54.2 234.3	10.79 BLED20121015ACZ	37 24 42.0 118 11 07.0	0.500 926	1.6 3315	55.8 Western Inspirational Broa	6.1	-45.2*<
219C3 Tonopah	KTPH	LIC	C NV	49.9 230.6	121.19 BLED20080521ABU	38 03 07.0 117 13 30.0	1.000 430	105.9 2166	40.1 Nevada Public Radio	12.1	70.9
06 D Manhattan	K06KQ-D	LI	D N NV	38.7 219.5	169.42 BLDTV20110531AQP	38 32 16.0 117 03 57.0	0.020 378	0.2 2235	14.3 County Of Nye	132.0R	37.4M
06-T Gabbs	K06NZ	LI	D N NV	11.4 191.6	171.55 BLTTV20040204ACX	38 52 02.0 117 53 39.0	0.057 341	0.2 1722	14.3 City Of Gabbs	132.0R	39.6M
218B Fresno	KSJV	LIC	CN CA	216.4 36.0	98.91 BLED19800806AB	36 38 15.0 118 56 35.0	16.000 265	30.6 1608	20.4 Radio Bilingue, Inc.	57.7	63.6
06NT Yerington	K06KC	LI	DHN NV	335.5 154.9	199.90 BLTTV19800930IE	38 59 15.0 119 14 35.0	0.027 614	0.2 1948	14.3 Lyon County Public Works	132.0R	67.9M
06ZT Inyokern, Etc.	KLOA-LP	LI	D N CA	168.7 349.0	217.42 BLTVL20080516ABV	35 26 10.0 117 48 56.0	3.000 895	0.2 1528	14.3 Robert D. Adelman	132.0R	85.4M
06+T Johannesburg	1273699	AP	D N CA	165.2 345.6	228.88 BNPTVL20000829AXH	35 21 46.0 117 38 24.0	0.250 525	0.2 1291	14.3 Jeff Chang	132.0R	96.9M
06 D Ceres	1330972	AP	D N CA	274.6 93.0	229.14 BNPDVL20090825BYV	37 29 26.8 120 52 26.8	0.300 79	0.2 95	14.3 One Ministries, Inc.	132.0R	97.1M
06NT Dayton	K06JK	LI	DHN NV	333.4 152.6	229.93 BLTTV19780822IC	39 11 52.0 119 28 50.0	0.047 1130	0.2 2548	14.3 Lyon County Public Works	132.0R	97.9M
06ZT Bakersfield	K06OW	CP	D N CA	191.5 11.2	230.72 BNPTVL20000831BGT	35 19 12.0 118 47 22.0	3.000 169	0.2 312	14.3 Marcia T. Turner Tr/as Tur	132.0R	98.7M
06 D Reno	1330491	AP	N NV	332.5 151.5	280.66 BNPDVL20090825AOE	39 35 03.0 119 47 52.0	0.300 367	0.2 1725	14.3 Alma Corporation	132.0R	148.7M

Terrain database is FCC NGDC 30 Sec, R= 73.215 qualifying spacings or FCC minimum spacings in KM, M= Margin in KM
Contour distances are on direct line to and from reference station. Reference Zone= East Zone 2A, Co to 3rd adjacent.
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 protected contour.
< = Contour Overlap

K217EE - Proposed
Latitude: 37-21-18 N
Longitude: 118-17-04 W
ERP: 0.01 kW
Channel: 219D
Frequency: 91.7 MHz
AMSL Height: 1620.0 m
Horiz. Pattern: Omni
Prop Model: FCC

KDOX
BLED20121015ACZ
Latitude: 37-24-42 N
Longitude: 118-11-07 W
ERP: 0.50 kW
Channel: 217
Frequency: 91.3 MHz
AMSL Height: 3315.0 m
Horiz. Pattern: Omni
Prop Model: None

Graham Brock, Inc. - Broadcast Technical Consultants

KDOX 82.0 dBu (50/50)

37-22-30 N

Bishop

K217EE

K217EE SITE

EXHIBIT A2
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Scale 1:200,000
0 2 4 6 km

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EXHIBIT A3

Predicted contour:

N. Lat. = 37 21 18.0 - Tabulated Protected and Interfering Contour Data
W. Lng. = 118 17 04.0 - K217EE FM Translator - Bishop, California

HAAT and Distance to Contour - FCC 30 second terrain database

Azi.	AV EL	HAAT	ERP kW	dBk	Field	60-F5	40-F1	54-F1	100-F1	122-F1
000	1882.3	-262.3	0.0100	-20.00	1.000	3.15	10.16	4.43	0.22	0.02
010	2246.6	-626.6	0.0100	-20.00	1.000	3.15	10.16	4.43	0.22	0.02
020	2484.7	-864.7	0.0100	-20.00	1.000	3.15	10.16	4.43	0.22	0.02
030	2607.0	-987.0	0.0100	-20.00	1.000	3.15	10.16	4.43	0.22	0.02
040	2662.6	-1042.6	0.0100	-20.00	1.000	3.15	10.16	4.43	0.22	0.02
050	2702.5	-1082.5	0.0100	-20.00	1.000	3.15	10.16	4.43	0.22	0.02
060	2820.5	-1200.5	0.0100	-20.00	1.000	3.15	10.16	4.43	0.22	0.02
070	2774.1	-1154.1	0.0100	-20.00	1.000	3.15	10.16	4.43	0.22	0.02
080	2647.8	-1027.8	0.0100	-20.00	1.000	3.15	10.16	4.43	0.22	0.02
090	2474.2	-854.2	0.0100	-20.00	1.000	3.15	10.16	4.43	0.22	0.02
100	2372.6	-752.6	0.0100	-20.00	1.000	3.15	10.16	4.43	0.22	0.02
110	2306.3	-686.3	0.0100	-20.00	1.000	3.15	10.16	4.43	0.22	0.02
120	2307.0	-687.0	0.0100	-20.00	1.000	3.15	10.16	4.43	0.22	0.02
130	2266.8	-646.8	0.0100	-20.00	1.000	3.15	10.16	4.43	0.22	0.02
140	2157.0	-537.0	0.0100	-20.00	1.000	3.15	10.16	4.43	0.22	0.02
150	1990.1	-370.1	0.0100	-20.00	1.000	3.15	10.16	4.43	0.22	0.02
160	1764.9	-144.9	0.0100	-20.00	1.000	3.15	10.16	4.43	0.22	0.02
170	1366.6	253.4	0.0100	-20.00	1.000	9.30	30.88	13.03	0.22	0.02
180	1246.7	373.3	0.0100	-20.00	1.000	11.24	38.16	16.11	0.22	0.02
190	1230.3	389.7	0.0100	-20.00	1.000	11.43	39.13	16.59	0.22	0.02
200	1224.6	395.4	0.0100	-20.00	1.000	11.50	39.47	16.76	0.22	0.02
210	1247.3	372.7	0.0100	-20.00	1.000	11.23	38.12	16.10	0.22	0.02
220	1334.2	285.8	0.0100	-20.00	1.000	9.89	32.87	13.86	0.22	0.02
230	1463.8	156.2	0.0100	-20.00	1.000	7.24	24.42	10.29	0.22	0.02
240	1459.3	160.7	0.0100	-20.00	1.000	7.35	24.80	10.45	0.22	0.02
250	1406.5	213.5	0.0100	-20.00	1.000	8.51	28.45	12.01	0.22	0.02
260	1310.0	310.0	0.0100	-20.00	1.000	10.28	34.33	14.43	0.22	0.02
270	1292.1	327.9	0.0100	-20.00	1.000	10.56	35.40	14.84	0.22	0.02
280	1284.2	335.8	0.0100	-20.00	1.000	10.69	35.88	15.01	0.22	0.02
290	1279.7	340.3	0.0100	-20.00	1.000	10.76	36.15	15.14	0.22	0.02
300	1282.2	337.8	0.0100	-20.00	1.000	10.72	36.00	15.07	0.22	0.02
310	1284.5	335.5	0.0100	-20.00	1.000	10.68	35.86	15.00	0.22	0.02
320	1285.1	334.9	0.0100	-20.00	1.000	10.67	35.83	15.00	0.22	0.02
330	1293.8	326.2	0.0100	-20.00	1.000	10.53	35.30	14.80	0.22	0.02
340	1371.0	249.0	0.0100	-20.00	1.000	9.22	30.62	12.92	0.22	0.02
350	1620.9	-0.9	0.0100	-20.00	1.000	3.15	10.16	4.43	0.22	0.02

AMSL= 1620 M