

DISPLACEMENT/MODIFY BPFT-20100802AUL
THRESHOLD COMMUNICATIONS
K290BF FM TRANSLATOR
CH 222D - 92.3 MHZ - 0.115 KW
MODESTO, CALIFORNIA
January 2011

EXHIBIT C

As indicated on Exhibit C1, the proposed operation of K290BF on Channel 222D with an effective radiated power of 0.115 kilowatt at 50.0 meters (164.0 feet) above ground level will not cause interference to any existing, applied for, or proposed facility.¹ However, the proposed K290BF on Channel 222D is inside the predicted 60 dBu contour of third adjacent station KOSO, Channel 225A, Patterson, California. Due to the relationship between K290BF on Channel 222D and KOSO, a 40 dB ratio of the protected and interfering contours applies. We have therefore calculated the level of signal of KOSO at the proposed K290BF site.

The KOSO contour at the K290BF site is 88.0 dBu (50/50). A map showing the KOSO contour is attached as Exhibit C2. The interfering contour of K290BF would therefore be the 128.0 dBu (50/10) contour. At its greatest distance, the interfering contour (128.0 dBu) of K290BF extends 0.03 kilometer (98.0 feet) from the proposed K290BF site. As the antenna is to be mounted 21.3 meters (70.0 feet) above the roof of the building at which the tower is located, there is the potential for the interfering contour to extend down into occupied floors of the building. However, the proposed K290BF antenna system is a Systems with Reliability ("SWR") two bay low power half wavelength spaced antenna. SWR has provided the vertical

1) Co-channel station KSJO, Channel 222B, San Jose, California is located 83.9 kilometers from the proposed K290BF site. However, there is a significant mountain range between KSJO and K290BF which effectively blocks the KSJO signal from reaching into the Modesto, California area, as well as preventing the interfering contour of the translator from crossing into the San Jose area to impact KSJO.

elevation pattern of the antenna system, so that calculations of the actual power level at depression angles between 5° and 90° could be calculated (Exhibit C3). Applying the actual relative field values, it was then possible to calculate, using a free space calculation, the actual distance to the interfering 128.0 dBu contour (F50/10) of the translator with respect to KOSO.

As indicated on Exhibit C4, we have calculated the elevation of the interference above the roof of the building of the interference from the proposed K290BF translator. The closest point above the building roof that the interfering contour reaches is 12.0 meters (39.3 feet) above ground. This point occurs at a distance of 16.1 meters (52.8 feet) out from the base of the tower. Since this distance is less than the distance from the antenna to the roof level, no interference will occur where there is any population. There are no multi-story structures which exist in the immediate vicinity of the building/tower.² As the interfering contour does not reach any populated areas, it will not impact reception of service from KOSO in the area. As such, it is believed that the proposed K290BF facility is in compliance with §74.1204(d) of the Commission's rules.

Based on the foregoing, it is believed that the proposed K290BF operating on Channel 222D is in compliance with §74.1204(d) of the Commission's rules. If a waiver of the rule is needed, one is respectfully requested, based on the absence of any population affected in the interference area.

2) The Reed Building is one of the tallest structures in the downtown Modesto area. With the additional height provided by the tower, there are no tall buildings in the immediate vicinity of the K290BF antenna.

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THRESHOLD COMMUNICATIONS
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MODESTO, CALIFORNIA
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EXHIBIT C1

Interference Review for K290BF Modesto, California
Using Present Site as Reference

REFERENCE 37 38 31.0 N. 120 59 49.0 W.	CH# 222D - 92.3 MHz, Pwr= 0.115 kW, HAAT= 51.7 M, COR= 76.8 M Average Protected F(50-50)= 7.7 km Omni-directional	DISPLAY DATES DATA 01-26-11 SEARCH 01-26-11
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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*
222D Modesto	632166	APP	C CA	266.0	0.4 BNPFT20030317ASX	37 38 30.0 121 00 07.0	0.120	19.6 55	5.9 Mary V. Guthrie	-27.2*	-32.4*
<i>> dismissal of application requested by Mary V. Guthrie</i>											
222B San Jose	KSJO	LIC	CX CA	235.2	83.9 BLH20080214ABH	37 12 32.0 121 46 27.0	32.000 136	105.2 394	32.8 Aloha Station Trust, LLC	-29.4*	4.1
225A Patterson	KOSO	LIC	C CA	226.4	5.7 BLH20090602AAD	37 36 24.2 121 02 37.2	6.000 100	2.7 123	27.8 Capstar TX LLC	-5.1*	-22.9*
222D Paulsell	637100	APP	C CA	96.8	30.7 BNPFT20030313AUS	37 36 31.0 120 39 06.0	0.020	20.7 121	6.2 The Association For Commun.	2.7	0.1
222D Paulsell	905633	APP	C CA	96.8	30.8 BNPFT20030825ANR	37 36 31.0 120 39 02.0	0.020	20.9 123	6.3 The Association For Commun.	2.6	0.1
220A Turlock	KCSS	CP	DCX CA	136.1	17.8 BPED20091117ACU	37 31 35.0 120 51 25.0	6.000 32	1.8 63	16.5 California State University	8.5	0.5
223A Atwater	KBRE	LIC	ZCX CA	140.9	52.0 BMLH20040112ACU	37 16 41.0 120 37 35.0	6.000 100	41.8 139	27.3 Mapleton License of Merced	2.5	13.8
221D Patterson	637534	APP	C CA	256.8	32.5 BNPFT20030313ASM	37 34 30.0 121 21 17.0	0.020	18.2 356	12.4 The Association For Commun.	6.2	8.5
220A Turlock	KCSS	LIC	VN CA	136.1	17.8 BLED19990316KB	37 31 35.0 120 51 25.0	0.400 32	1.4 63	8.9 California State University	8.9	8.2
222D West Sonora	K221EE	APP	C CA	53.6	69.1 BPFT20101118AIT	38 00 30.0 120 21 45.0	0.007	44.5 1021	11.9 Educational Media Foundation	17.4	33.6
219B Groveland	KXSR	LIC	DCX CA	54.4	80.9 BLED20030218AAE	38 03 46.0 120 14 45.0	4.000 485	3.8 1543	50.0 California State University	70.5	30.2
224A Sonora	KZSQ-FM	LIC	CX CA	53.6	69.1 BMLH20051103AAI	38 00 30.0 120 21 44.0	0.380 393	1.4 1072	36.3 Clarke Broadcasting Corporation	60.8	32.0
221B Clovis	KOND	CP	CX CA	115.7	130.0 BPH20091021AAG	37 07 40.0 119 40 39.0	39.000 170	87.1 621	71.6 Univision Radio License Co	36.2	41.0

Graham Brock, Inc. - Broadcast Technical Consultants

KOSO
BLH-20090602AAD
Latitude: 37-36-24.20 N
Longitude: 121-02-37.20 W
ERP: 6.00 kW
Channel: 225A
Frequency: 92.9 MHz
AMSL Height: 123.0 m
Horiz. Pattern: Omni
Prop Model : FCC

K290BF Proposed
Latitude: 37-38-31 N
Longitude: 120-59-49 W
ERP: 0.115 kW
Channel: 222D
Frequency: 92.3 MHz
AMSL Height: 76.8 m
Horiz. Pattern: Omni
Prop Model : FCC

KOSO 88 dBu (50/50)

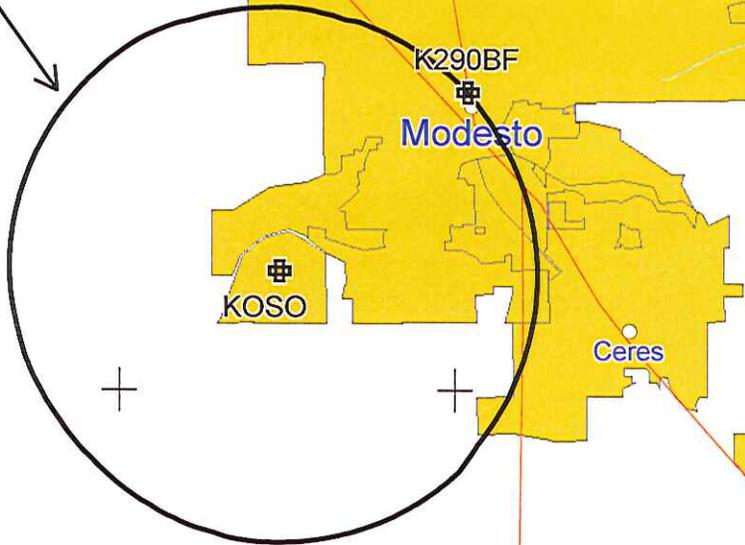
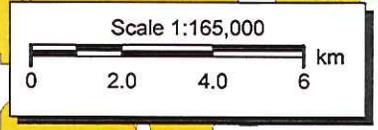
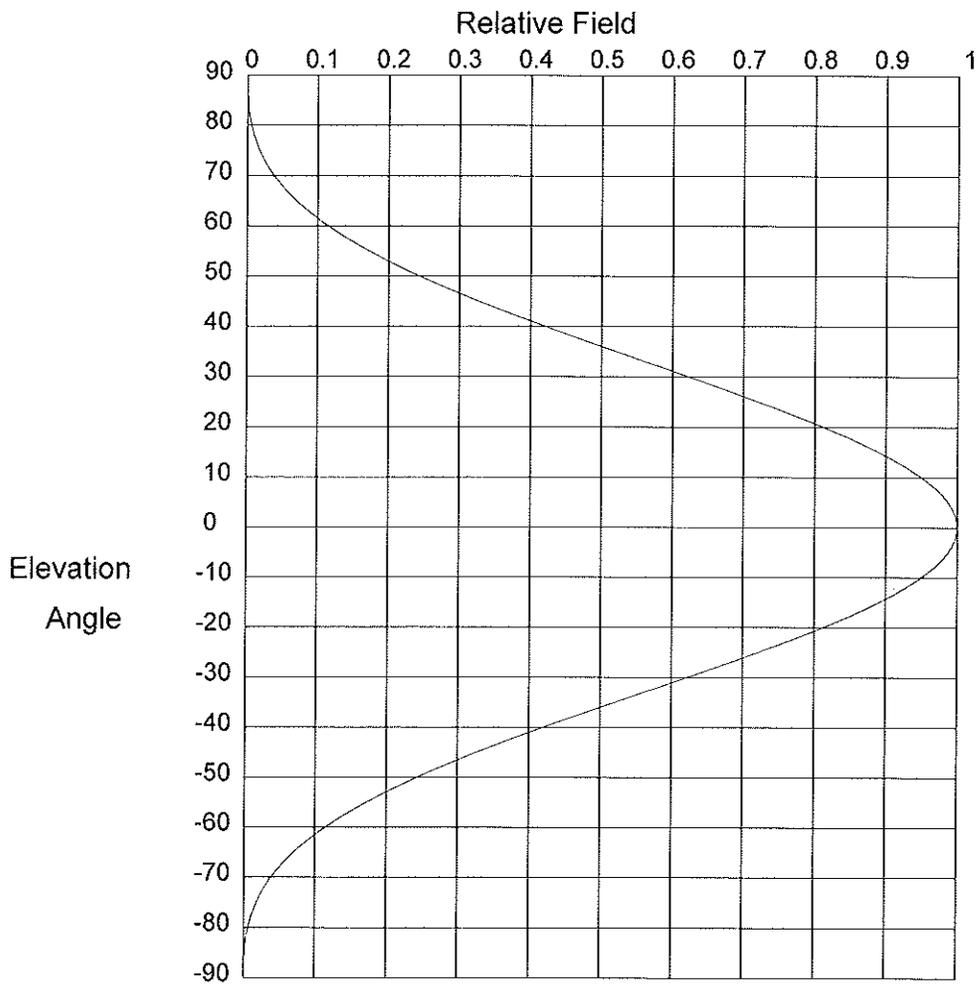


EXHIBIT C2
MODIFY BPFT-20100802AUL
THRESHOLD COMMUNICATIONS
K290BF FM TRANSLATOR
CH 222D - 92.3 MHZ - 0.115 KW
MODESTO, CALIFORNIA
January 2011





Elevation Pattern

Scale: Linear

Units: Field, Relative

Systems With Reliability

CLIENT: KRVR

Date: 1/26/2011

ANTENNA TYPE: FMEC/2 HWS

FREQUENCY: 92.3 MHz

PATTERN POL.: Circular

DIRECTIVITY(Peak): 1.39/1.43 dBd

Beam Tilt (Deg.): 0

DIRECTIVITY(Horiz): 1.39/1.43 dBd

Null Fill(s)(%): 0, 0, 0

Micro-Tek Eng. ver 2.5

EXHIBIT C3

Relative Field Tabulation

Elev. Angle	Rel. Fld(dB)	Elev. Angle	Rel. Fld(dB)	Elev. Angle	Rel. Fld(dB)
90.0	.00 (-50)	52.0	.214 (-13.4)	14.0	.904 (-0.878)
89.0	.00 (-91.156)	51.0	.229 (-12.821)	13.0	.917 (-0.757)
88.0	.00 (-78.01)	50.0	.244 (-12.26)	12.0	.929 (-0.644)
87.0	.00 (-69.988)	49.0	.259 (-11.717)	11.0	.94 (-0.541)
86.0	.001 (-64.112)	48.0	.276 (-11.191)	10.0	.95 (-0.447)
85.0	.001 (-59.44)	47.0	.292 (-10.682)	9.8	.952 (-0.429)
84.0	.002 (-55.546)	46.0	.309 (-10.188)	9.6	.954 (-0.412)
83.0	.002 (-52.199)	45.0	.327 (-9.71)	9.4	.956 (-0.395)
82.0	.003 (-49.26)	44.0	.345 (-9.246)	9.2	.957 (-0.378)
81.0	.005 (-46.639)	43.0	.363 (-8.797)	9.0	.959 (-0.362)
80.0	.006 (-44.272)	42.0	.382 (-8.362)	8.8	.961 (-0.346)
79.0	.008 (-42.113)	41.0	.401 (-7.941)	8.6	.963 (-0.33)
78.0	.01 (-40.128)	40.0	.42 (-7.533)	8.4	.964 (-0.315)
77.0	.012 (-38.292)	39.0	.44 (-7.138)	8.2	.966 (-0.3)
76.0	.015 (-36.583)	38.0	.459 (-6.756)	8.0	.968 (-0.286)
75.0	.018 (-34.986)	37.0	.479 (-6.387)	7.8	.969 (-0.272)
74.0	.021 (-33.487)	36.0	.50 (-6.029)	7.6	.971 (-0.258)
73.0	.025 (-32.074)	35.0	.52 (-5.683)	7.4	.972 (-0.244)
72.0	.029 (-30.74)	34.0	.54 (-5.349)	7.2	.974 (-0.231)
71.0	.034 (-29.475)	33.0	.561 (-5.027)	7.0	.975 (-0.219)
70.0	.039 (-28.274)	32.0	.581 (-4.716)	6.8	.977 (-0.206)
69.0	.044 (-27.13)	31.0	.601 (-4.416)	6.6	.978 (-0.194)
68.0	.05 (-26.039)	30.0	.622 (-4.126)	6.4	.979 (-0.183)
67.0	.056 (-24.997)	29.0	.642 (-3.848)	6.2	.98 (-0.171)
66.0	.063 (-24)	28.0	.662 (-3.58)	6.0	.982 (-0.161)
65.0	.07 (-23.044)	27.0	.682 (-3.323)	5.8	.983 (-0.15)
64.0	.078 (-22.126)	26.0	.702 (-3.076)	5.6	.984 (-0.14)
63.0	.087 (-21.245)	25.0	.721 (-2.839)	5.4	.985 (-0.13)
62.0	.096 (-20.397)	24.0	.74 (-2.612)	5.2	.986 (-0.121)
61.0	.105 (-19.581)	23.0	.759 (-2.395)	5.0	.987 (-0.111)
60.0	.115 (-18.794)	22.0	.777 (-2.188)	4.8	.988 (-0.103)
59.0	.125 (-18.036)	21.0	.795 (-1.991)	4.6	.989 (-0.094)
58.0	.136 (-17.304)	20.0	.812 (-1.804)	4.4	.99 (-0.086)
57.0	.148 (-16.597)	19.0	.829 (-1.626)	4.2	.991 (-0.079)
56.0	.16 (-15.914)	18.0	.846 (-1.457)	4.0	.992 (-0.071)
55.0	.173 (-15.254)	17.0	.861 (-1.299)	3.8	.993 (-0.064)
54.0	.186 (-14.615)	16.0	.876 (-1.149)	3.6	.993 (-0.058)
53.0	.20 (-13.998)	15.0	.89 (-1.009)	3.4	.994 (-0.052)

Systems With Reliability

Page 1 of 3

CLIENT: *KRVR*
 ANTENNA TYPE: FMEC/2 HWS
 FREQUENCY: 92.3 MHz
 PATTERN POL.: Circular
 DIRECTIVITY(Peak): 1.39/1.43 dBd
 DIRECTIVITY(Horiz): 1.39/1.43 dBd

Date: 1/26/2011

Beam Tilt (Deg.) : 0
 Null Fill(s)(%) : 0, 0, 0

Relative Field Tabulation

Elev. Angle	Rel. Fld(dB)	Elev. Angle	Rel. Fld(dB)	Elev. Angle	Rel. Fld(dB)
3.2	.995 (-0.046)	-4.4	.99 (-0.086)	-12.0	.929 (-0.644)
3.0	.995 (-0.04)	-4.6	.989 (-0.094)	-12.2	.926 (-0.666)
2.8	.996 (-0.035)	-4.8	.988 (-0.103)	-12.4	.924 (-0.688)
2.6	.997 (-0.03)	-5.0	.987 (-0.111)	-12.6	.921 (-0.711)
2.4	.997 (-0.026)	-5.2	.986 (-0.121)	-12.8	.919 (-0.733)
2.2	.998 (-0.022)	-5.4	.985 (-0.13)	-13.0	.917 (-0.757)
2.0	.998 (-0.018)	-5.6	.984 (-0.14)	-13.2	.914 (-0.78)
1.8	.998 (-0.014)	-5.8	.983 (-0.15)	-13.4	.912 (-0.804)
1.6	.999 (-0.011)	-6.0	.982 (-0.161)	-13.6	.909 (-0.828)
1.4	.999 (-0.009)	-6.2	.98 (-0.171)	-13.8	.906 (-0.853)
1.2	.999 (-0.006)	-6.4	.979 (-0.183)	-14.0	.904 (-0.878)
1.0	.999 (-0.004)	-6.6	.978 (-0.194)	-14.2	.901 (-0.904)
.8	1.00 (-0.003)	-6.8	.977 (-0.206)	-14.4	.899 (-0.929)
.6	1.00 (-0.002)	-7.0	.975 (-0.219)	-14.6	.896 (-0.956)
.4	1.00 (-0.001)	-7.2	.974 (-0.231)	-14.8	.893 (-0.982)
.2	1.00 (0)	-7.4	.972 (-0.244)	-15.0	.89 (-1.009)
.0	1.00 (0)	-7.6	.971 (-0.258)	-15.2	.888 (-1.036)
-.2	1.00 (0)	-7.8	.969 (-0.272)	-15.4	.885 (-1.064)
-.4	1.00 (-0.001)	-8.0	.968 (-0.286)	-15.6	.882 (-1.092)
-.6	1.00 (-0.002)	-8.2	.966 (-0.3)	-15.8	.879 (-1.12)
-.8	1.00 (-0.003)	-8.4	.964 (-0.315)	-16.0	.876 (-1.149)
-1.0	.999 (-0.004)	-8.6	.963 (-0.33)	-16.2	.873 (-1.178)
-1.2	.999 (-0.006)	-8.8	.961 (-0.346)	-16.4	.87 (-1.208)
-1.4	.999 (-0.009)	-9.0	.959 (-0.362)	-16.6	.867 (-1.238)
-1.6	.999 (-0.011)	-9.2	.957 (-0.378)	-16.8	.864 (-1.268)
-1.8	.998 (-0.014)	-9.4	.956 (-0.395)	-17.0	.861 (-1.299)
-2.0	.998 (-0.018)	-9.6	.954 (-0.412)	-17.2	.858 (-1.33)
-2.2	.998 (-0.022)	-9.8	.952 (-0.429)	-17.4	.855 (-1.361)
-2.4	.997 (-0.026)	-10.0	.95 (-0.447)	-17.6	.852 (-1.393)
-2.6	.997 (-0.03)	-10.2	.948 (-0.465)	-17.8	.849 (-1.425)
-2.8	.996 (-0.035)	-10.4	.946 (-0.483)	-18.0	.846 (-1.457)
-3.0	.995 (-0.04)	-10.6	.944 (-0.502)	-18.2	.842 (-1.49)
-3.2	.995 (-0.046)	-10.8	.942 (-0.521)	-18.4	.839 (-1.524)
-3.4	.994 (-0.052)	-11.0	.94 (-0.541)	-18.6	.836 (-1.557)
-3.6	.993 (-0.058)	-11.2	.937 (-0.561)	-18.8	.833 (-1.591)
-3.8	.993 (-0.064)	-11.4	.935 (-0.581)	-19.0	.829 (-1.626)
-4.0	.992 (-0.071)	-11.6	.933 (-0.602)	-19.2	.826 (-1.661)
-4.2	.991 (-0.079)	-11.8	.931 (-0.623)	-19.4	.823 (-1.696)

Systems With Reliability

Page 2 of 3

CLIENT: *KRVR*
 ANTENNA TYPE: FMEC/2 HWS
 FREQUENCY: 92.3 MHz
 PATTERN POL.: Circular
 DIRECTIVITY(Peak): 1.39/1.43 dBd
 DIRECTIVITY(Horiz): 1.39/1.43 dBd

Date: 1/26/2011

Beam Tilt (Deg.) : 0
 Null Fill(s)(%) : 0, 0, 0

Relative Field Tabulation

Elev. Angle	Rel. Fld(dB)	Elev. Angle	Rel. Fld(dB)	Elev. Angle	Rel. Fld(dB)
-19.6	.819 (-1.731)	-27.2	.678 (-3.373)	-54.0	.186 (-14.615)
-19.8	.816 (-1.767)	-27.4	.674 (-3.424)	-55.0	.173 (-15.254)
-20.0	.812 (-1.804)	-27.6	.67 (-3.476)	-56.0	.16 (-15.914)
-20.2	.809 (-1.84)	-27.8	.666 (-3.528)	-57.0	.148 (-16.597)
-20.4	.806 (-1.877)	-28.0	.662 (-3.58)	-58.0	.136 (-17.304)
-20.6	.802 (-1.915)	-28.2	.658 (-3.633)	-59.0	.125 (-18.036)
-20.8	.799 (-1.953)	-28.4	.654 (-3.686)	-60.0	.115 (-18.794)
-21.0	.795 (-1.991)	-28.6	.65 (-3.739)	-61.0	.105 (-19.581)
-21.2	.792 (-2.03)	-28.8	.646 (-3.793)	-62.0	.096 (-20.397)
-21.4	.788 (-2.069)	-29.0	.642 (-3.848)	-63.0	.087 (-21.245)
-21.6	.784 (-2.108)	-29.2	.638 (-3.903)	-64.0	.078 (-22.126)
-21.8	.781 (-2.148)	-29.4	.634 (-3.958)	-65.0	.07 (-23.044)
-22.0	.777 (-2.188)	-29.6	.63 (-4.014)	-66.0	.063 (-24)
-22.2	.774 (-2.229)	-29.8	.626 (-4.07)	-67.0	.056 (-24.997)
-22.4	.77 (-2.27)	-30.0	.622 (-4.126)	-68.0	.05 (-26.039)
-22.6	.766 (-2.311)	-31.0	.601 (-4.416)	-69.0	.044 (-27.13)
-22.8	.763 (-2.353)	-32.0	.581 (-4.716)	-70.0	.039 (-28.274)
-23.0	.759 (-2.395)	-33.0	.561 (-5.027)	-71.0	.034 (-29.475)
-23.2	.755 (-2.438)	-34.0	.54 (-5.349)	-72.0	.029 (-30.74)
-23.4	.752 (-2.481)	-35.0	.52 (-5.683)	-73.0	.025 (-32.074)
-23.6	.748 (-2.524)	-36.0	.50 (-6.029)	-74.0	.021 (-33.487)
-23.8	.744 (-2.568)	-37.0	.479 (-6.387)	-75.0	.018 (-34.986)
-24.0	.74 (-2.612)	-38.0	.459 (-6.756)	-76.0	.015 (-36.583)
-24.2	.737 (-2.657)	-39.0	.44 (-7.138)	-77.0	.012 (-38.292)
-24.4	.733 (-2.701)	-40.0	.42 (-7.533)	-78.0	.01 (-40.128)
-24.6	.729 (-2.747)	-41.0	.401 (-7.941)	-79.0	.008 (-42.113)
-24.8	.725 (-2.793)	-42.0	.382 (-8.362)	-80.0	.006 (-44.272)
-25.0	.721 (-2.839)	-43.0	.363 (-8.797)	-81.0	.005 (-46.639)
-25.2	.717 (-2.885)	-44.0	.345 (-9.246)	-82.0	.003 (-49.26)
-25.4	.713 (-2.932)	-45.0	.327 (-9.71)	-83.0	.002 (-52.199)
-25.6	.71 (-2.98)	-46.0	.309 (-10.188)	-84.0	.002 (-55.546)
-25.8	.706 (-3.027)	-47.0	.292 (-10.682)	-85.0	.001 (-59.44)
-26.0	.702 (-3.076)	-48.0	.276 (-11.191)	-86.0	.001 (-64.112)
-26.2	.698 (-3.124)	-49.0	.259 (-11.717)	-87.0	.00 (-69.988)
-26.4	.694 (-3.173)	-50.0	.244 (-12.26)	-88.0	.00 (-78.01)
-26.6	.69 (-3.223)	-51.0	.229 (-12.821)	-89.0	.00 (-91.156)
-26.8	.686 (-3.272)	-52.0	.214 (-13.4)	-90.0	.00 (-50)
-27.0	.682 (-3.323)	-53.0	.20 (-13.998)	90.0	.00 (-50)

Systems With Reliability

Page 3 of 3

CLIENT: KRVR
 ANTENNA TYPE: FMEC/2 HWS
 FREQUENCY: 92.3 MHz
 PATTERN POL.: Circular
 DIRECTIVITY(Peak): 1.39/1.43 dBd
 DIRECTIVITY(Horiz): 1.39/1.43 dBd

Date: 1/26/2011

Beam Tilt (Deg.) : 0
 Null Fill(s)(%) : 0, 0, 0

CALL: K290BF
 POWER (Watts): 115 0° radial
 ANTENNA AGL (m): 21.3
 Desired Contour (dBu) 128

INPUT FROM MFG

DEPRESSION ANGLE	ANTENNA RELATIVE FIELD	ERP (WATTS)	dBk	DISTANCE TO INTERFERING CONTOUR (m)	HORIZONTAL DISTANCE FROM TOWER (m)	VERTICAL DISTANCE FROM GROUND (m)
5	0.987	112.0	-9.51	29.5	29.4	18.7
10	0.950	103.8	-9.84	28.4	28.0	16.4
15	0.890	91.1	-10.41	26.6	25.7	14.4
20	0.812	75.8	-11.20	24.3	22.8	13.0
25	0.721	59.8	-12.23	21.5	19.5	12.2
30	0.622	44.5	-13.52	18.6	16.1	12.0
35	0.520	31.1	-15.07	15.5	12.7	12.4
40	0.420	20.3	-16.93	12.5	9.6	13.2
45	0.327	12.3	-19.10	9.8	6.9	14.4
50	0.244	6.8	-21.65	7.3	4.7	15.7
55	0.173	3.4	-24.63	5.2	3.0	17.1
60	0.115	1.5	-28.18	3.4	1.7	18.3
65	0.070	0.6	-32.49	2.1	0.9	19.4
70	0.039	0.2	-37.57	1.2	0.4	20.2
75	0.018	0.0	-44.29	0.5	0.1	20.8
80	0.006	0.0	-53.83	0.2	0.0	21.1
85	0.001	0.0	-69.39	0.0	0.0	21.3
90	0.000	0.0	-109.39	0.0	0.0	21.3
WORST CASE HEIGHT AGL (m)						12.0

DISPLACEMENT/MODIFY BPFT-20100802AUL
THRESHOLD COMMUNICATIONS
K290BF FM TRANSLATOR
CH 222D - 92.3 MHZ - 0.115 KW
MODESTO, CALIFORNIA
January 2011

EXHIBIT C5

Predicted contour:

N. Lat. = 37 38 31 - Tabulated Protected and Interfering Contour Data
W. Lng. = 120 59 49 - K290BF FM Translator - Modesto, California

HAAT and Distance to Contour - NGDC 30 Second terrain database										
Azi.	AV EL	HAAT	ERP kW	dBk	Field	60-F5	40-F1	54-F1	100-F1	128-F1
000	30.6	46.2	0.1150	-9.39	1.000	7.20	24.14	10.34	0.75	0.03
010	29.0	47.8	0.1150	-9.39	1.000	7.33	24.55	10.52	0.75	0.03
020	28.9	47.9	0.1150	-9.39	1.000	7.34	24.59	10.54	0.75	0.03
030	28.7	48.1	0.1150	-9.39	1.000	7.35	24.64	10.56	0.75	0.03
040	28.9	47.9	0.1150	-9.39	1.000	7.34	24.59	10.54	0.75	0.03
050	31.4	45.4	0.1150	-9.39	1.000	7.13	23.92	10.25	0.75	0.03
060	35.2	41.6	0.1150	-9.39	1.000	6.81	22.84	9.78	0.75	0.03
070	35.5	41.3	0.1150	-9.39	1.000	6.79	22.76	9.75	0.75	0.03
080	31.1	45.7	0.1150	-9.39	1.000	7.16	24.00	10.28	0.75	0.03
090	29.9	46.9	0.1150	-9.39	1.000	7.26	24.33	10.42	0.75	0.03
100	29.6	47.2	0.1150	-9.39	1.000	7.28	24.41	10.46	0.75	0.03
110	29.3	47.5	0.1150	-9.39	1.000	7.31	24.49	10.49	0.75	0.03
120	28.9	47.9	0.1150	-9.39	1.000	7.34	24.58	10.53	0.75	0.03
130	27.5	49.3	0.1150	-9.39	1.000	7.45	24.96	10.70	0.75	0.03
140	25.8	51.0	0.1150	-9.39	1.000	7.59	25.39	10.88	0.75	0.03
150	24.0	52.8	0.1150	-9.39	1.000	7.75	25.86	11.08	0.75	0.03
160	23.1	53.7	0.1150	-9.39	1.000	7.82	26.08	11.18	0.75	0.03
170	21.0	55.8	0.1150	-9.39	1.000	7.98	26.58	11.39	0.75	0.03
180	20.4	56.4	0.1150	-9.39	1.000	8.03	26.71	11.44	0.75	0.03
190	20.3	56.5	0.1150	-9.39	1.000	8.04	26.74	11.45	0.75	0.03
200	20.0	56.8	0.1150	-9.39	1.000	8.06	26.80	11.48	0.75	0.03
210	20.0	56.8	0.1150	-9.39	1.000	8.06	26.81	11.48	0.75	0.03
220	19.8	57.0	0.1150	-9.39	1.000	8.08	26.85	11.50	0.75	0.03
230	19.7	57.1	0.1150	-9.39	1.000	8.09	26.88	11.51	0.75	0.03
240	19.6	57.2	0.1150	-9.39	1.000	8.10	26.91	11.52	0.75	0.03
250	19.5	57.3	0.1150	-9.39	1.000	8.11	26.93	11.53	0.75	0.03
260	19.3	57.5	0.1150	-9.39	1.000	8.12	26.96	11.54	0.75	0.03
270	19.3	57.5	0.1150	-9.39	1.000	8.12	26.97	11.55	0.75	0.03
280	19.3	57.5	0.1150	-9.39	1.000	8.12	26.96	11.54	0.75	0.03
290	19.5	57.3	0.1150	-9.39	1.000	8.11	26.93	11.53	0.75	0.03
300	21.4	55.4	0.1150	-9.39	1.000	7.95	26.49	11.35	0.75	0.03
310	21.9	54.9	0.1150	-9.39	1.000	7.92	26.37	11.30	0.75	0.03
320	22.4	54.4	0.1150	-9.39	1.000	7.87	26.24	11.24	0.75	0.03
330	23.0	53.8	0.1150	-9.39	1.000	7.83	26.11	11.19	0.75	0.03
340	24.0	52.8	0.1150	-9.39	1.000	7.75	25.86	11.08	0.75	0.03
350	27.3	49.5	0.1150	-9.39	1.000	7.47	25.01	10.72	0.75	0.03

AMSL= 76.8 M