

**Cameron Broadcasting, Inc.  
City of License Change  
KFLG-FM Ch. 234C0 [94.7 MHz]  
Big River, California  
January, 2007**

Exhibit A

City of License Change Review

By this application, Cameron Broadcasting, Inc., Licensee of Channel 234C allotted to Kingman, Arizona proposes to change the allotment to Big River, California as Big River's first local service using the recently adopted city of license change procedures as outlined in MB Docket 05-210.

As shown in Table 1, Channel 234C0 proposed transmitter site and reference point meets the minimum distance standards set fourth in 47 CFR 73.207 to all present allocations and allotments with the exception of the allotment at Kingman, Arizona. The proposed allotment in Big River is mutually exclusive (MX) with the current allotment at Kingman, Arizona as required under 47 CFR 73.3573(g)(2) for one step change of the community of license.

Figure 1 is the coverage map showing the predicted 60 and 70 dBu contours from the facility at the proposed transmitter and reference point site utilizing terrain data. Figure 1A is the allotment map showing the hypothetical contours without terrain data. The 70 dBu contour encompasses the entire community of Big River, California as required by 47 CFR 73.315.

Cameron Broadcasting, Inc. is therefore proposing the following

Kingman, Arizona	
Present	Proposed
234C, 261C2	261C2
Big River, California	
Present	Proposed
None	234C0

The change in the proposed transmitter location from an area outside of Kingman, Arizona to an area adjacent to Big River, California will create an area that will lose coverage from this station, and another area that will gain coverage from the relocated facility. The authorized Channel 234C facility at Kingman, Arizona places its service

contour (60 dBu) over an area of 25,388 Sq. kM and provides service to 163,085 persons. From the proposed transmitter location and reference point, the allotment would place its service contour over an area of 21,588 Sq. kM and provide service to 166,220 persons. The net result is a loss in service area of 13,458 Sq. kM containing 10,115 persons and a gain in service area of 9,650 Sq. kM containing 13,250 persons.<sup>1</sup>

Figure 2-FM shows the remaining full time services that will provide service to the loss area after the implementation of this proposal<sup>2</sup>. A large portion of the area is provided with more than 5 full time services after the implementation of this proposal. A portion of the area will have less than 5 full time services. Any area being provided with one remaining service was preliminarily determined to be a gray area; any area without any remaining services was preliminarily determined to be a white area. Similarly as shown in Figure 2-AM, AM stations coverage was determined over the preliminarily determined gray and white areas<sup>3</sup>. Additionally, nighttime coverage to the Nighttime Interference Free (NIF) contour over the preliminarily determined gray and white areas was determined.

A small portion of the loss area will have no remaining service, a white area. The population in this white is 4 persons. A portion of the loss area will have only one remaining service, gray area. This area contains 455 persons.

The stations providing service to the loss area are detailed along with the area and population summaries in Table 2.

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<sup>1</sup> These calculations are based on the permitted or requested facilities without the consideration of terrain data and calculated in a manner consistent with 47 CFR 73.313 as implemented in EDX Signal 8.0 utilizing 2000 Census data provided by EDX.

<sup>2</sup> The determination of a remaining service is based on the data obtained from the CDBS. A service is remaining if, for AM stations it places its Nighttime Interference Free contour over any part of the loss area. Non-reserved channel FM stations and construction permits were considered to provide potential service if they place any portion of their 60 dBu contour over the loss area. All classes of non-reserved channels were plotted to their maximum class facilities except for Class C stations which were plotted with their licensed ERP and HAAT values. The effects of terrain were not taken into account in plotting these stations. Reserved channel licenses and construction permits were plotted utilizing their licensed/permitted ERP, antennas and HAAT and the effects of terrain were included in the calculations.

<sup>3</sup> AM coverage was determined utilizing the FCC's Groundwave Equivalent Distance Method, the FCC's M3 Conductivity data as implemented in the EDX AMW 4.2 software. The station's authorized parameters, as listed in CDBS were used to calculate the distance to the 0.5 mV/m daytime contour of the station, except in urban areas (communities with populations of 2500 or more) the 2 mV/m daytime contour was used.

Figure 3 shows the facilities providing service to Kingman, Arizona after implementation of this proposal<sup>4</sup>. The facilities are enumerated in Table 4.

## **Certification**

This engineering exhibit was prepared by the undersigned acting as a technical consultant for Cameron Broadcasting, Inc. The studies and conclusions are true and correct to the best of my knowledge and belief.

January 19, 2007



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<sup>4</sup> The population of Kingman, Arizona is over 2,500 persons. Per 47 CFR 73.182(d), the 2.0 mV/m contour is the primary AM service contour. The 60 dBu contour is the FM primary service contour.

**Table 1**

**Spacing Study, KFLG-FM Minor Modification Application**  
\*\*\*\*\* **FM Channel Spacing Study from CDBS** \*\*\*\*\*  
**Sorted by Distance**

CDBS Database Date Jan 17, 2007

Use pre-1989 Class A Spacings: NO

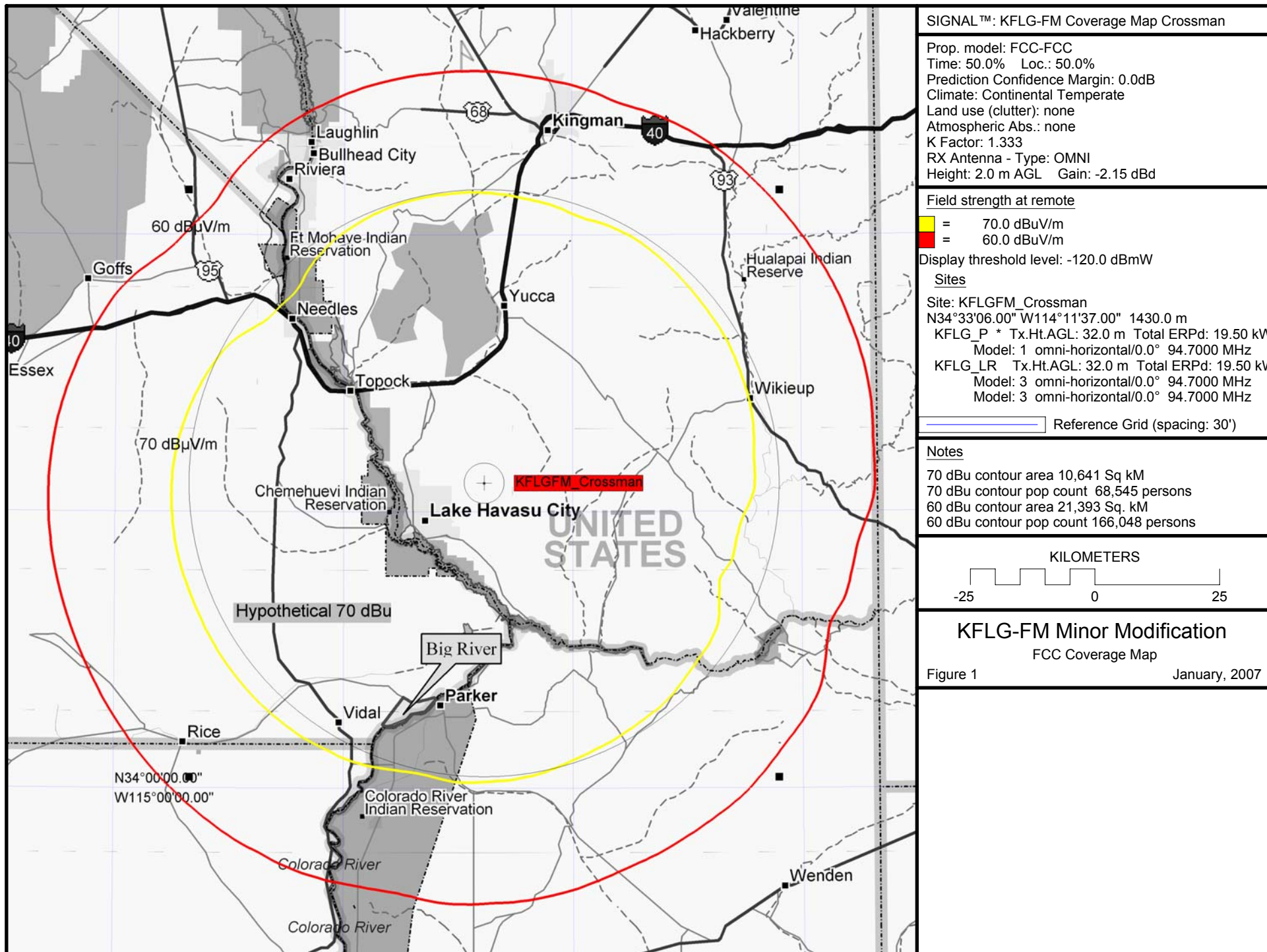
All distances are in kM, all bearings are in degrees referenced to true North.

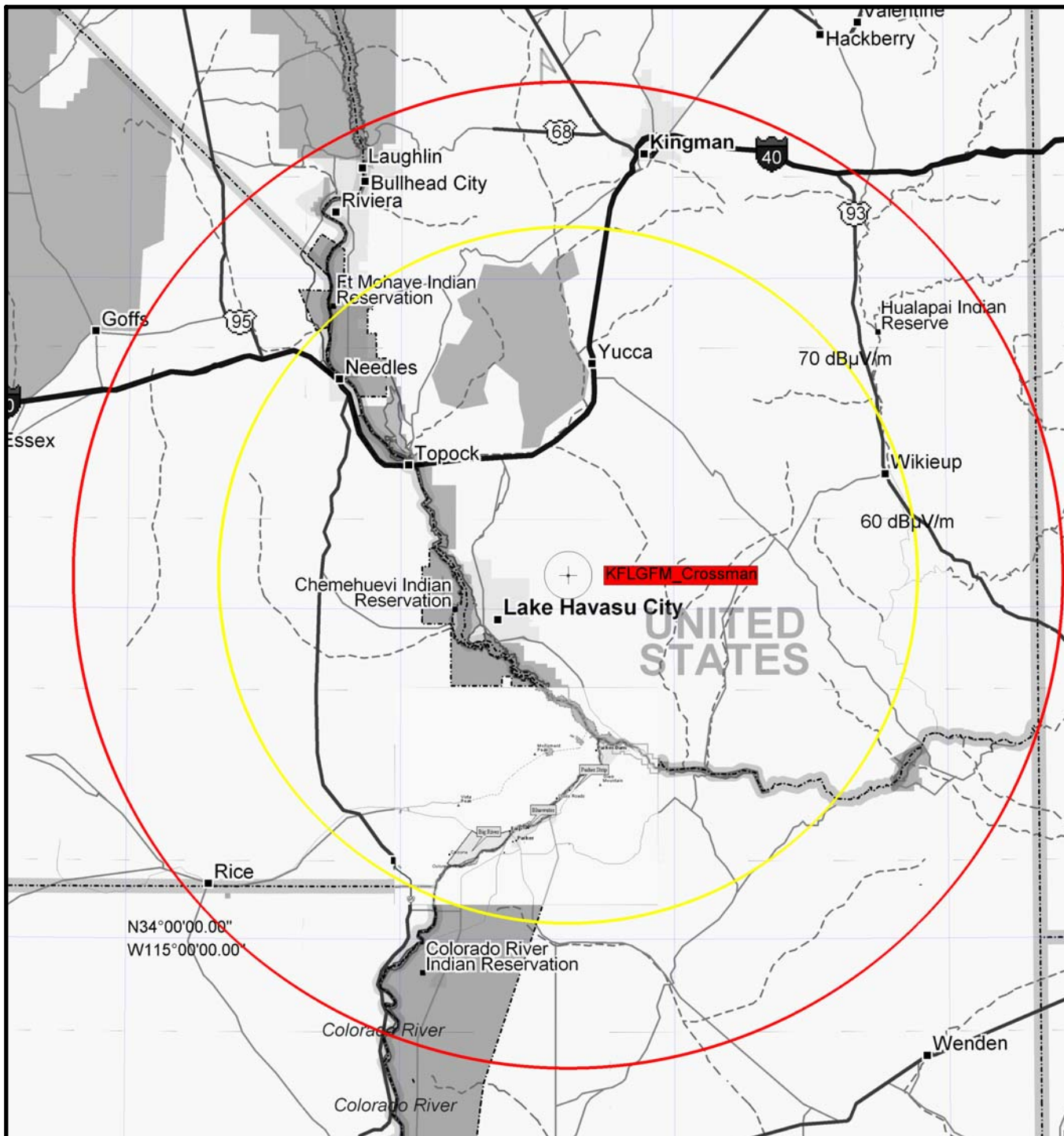
Proposed Coordinates: 34°N 33' 6" X 114°W 11' 37"

Proposed Channel: 234C0 [94.7 MHz]

CH	Call	CDBS#	State-City	Status	Vector	Req.	Result	
234C	KFLG-FM	1052248	AZ-KINGMAN	FM-LIC	68.2<24.2°	281.0	-212.8	Short
234A	KLOB	530942	CA-THOUSAND PALMS	FM-LIC	219.9<250.3°	215.0	4.9	Close
235B1	KHRQ	619737	CA-BAKER	FM-LIC	185.9<302.5°	180.0	5.9	Clear
233B	KSEH	610040	CA-BRAWLEY	FM-LIC	220.0<214.4°	214.0	6	Clear
232A	KBUX	118189	AZ-QUARTZSITE	FM-LIC	96.4<182.2°	86.0	10.4	Clear
233C	KOOL-FM	610513	AZ-PHOENIX	FM-LIC	238.9<123.9°	220.0	18.9	Clear
237A	-----	597138	CA-AMBOY	FA-VAC	136.6<272.7°	86.0	50.6	Clear
232C3	KFPB	1009722	AZ-CHINO VALLEY	FM-LIC	151.9<78.0°	87.0	64.9	Clear
236C	KVIB	1065460	AZ-SUN CITY WEST	FM-LIC	171.6<101.4°	105.0	66.6	Clear
231C	KMXB	603043	NV-HENDERSON	FM-LIC	177.7<335.8°	105.0	72.7	Clear
233C	KMOA	1047309	NV-CALIENTE	FM-CP	300.9<353.1°	220.0	80.9	Clear
233C	-----	1050413	NV-MOAPA	FR-ADD	300.9<353.1°	220.0	80.9	Clear
287C2	KHOV-FM	164356	AZ-WICKENBURG	FM-LIC	138.3<106.4°	31.0	107.3	Clear
236C2	KTTI	660777	AZ-YUMA	FM-LIC	214.5<189.2°	89.0	125.5	Clear
288A	-----	300805	CA-DESERT CENTER	FA-VAC	152.8<229.6°	25.0	127.8	Clear
233A	KMYT	980285	CA-TEMECULA	FM-LIC	300.6<247.5°	152.0	148.6	Clear
236A	KNYE	587253	NV-PAHRUMP	FM-LIC	247.7<318.2°	86.0	161.7	Clear
231B	-----	292501	BN-MURGUIA	FR---	270.4<198.8°	98.0	172.4	Clear
232B1	KDUC	166285	CA-BARSTOW	FM-LIC	264.7<281.0°	87.0	177.7	Clear
288A	-----	294016	BN-CIUDAD MORELOS	FA---	221.8<196.1°	28.0	193.8	Clear
236B	KFRG	151441	CA-SAN BERNARDINO	FM-LIC	287.1<263.0°	89.0	198.1	Clear
287B1	KRSX-FM	234460	CA-YERMO	FM-LIC	247.0<282.3°	27.0	220	Clear
288B1	XHCMSFM	288813	BN-MICHOACAN DE OC	FM---	258.4<203.7°	31.0	227.4	Clear
288B1	XHCMSFM	289957	BN-MICHOACAN DE OC	FA---	258.4<203.7°	31.0	227.4	Clear
288C2	KLVA	1050731	AZ-CASA GRANDE	FM-LIC	267.3<129.5°	31.0	236.3	Clear
288A	KXRS	1026477	CA-HEMET	FM-CP	262.8<258.0°	25.0	237.8	Clear
288B1	-----	293707	BN-RUMOROSA	FR---	288.0<215.0°	31.0	257	Clear
287C2	-----	622399	UT-LAVERKIN	FR-ADD	312.5<18.0°	31.0	281.5	Clear

\*\*\*\*\* **End of Channel 234C0 Spacing Study** \*\*\*\*\*





# SIGNAL™: KFLG-FM Allocation Map Crossman

Prop. model: FCC-FCC  
Time: 50.0% Loc.: 50.0%  
Prediction Confidence Margin: 0.0dB  
Climate: Continental Temperate  
Land use (clutter): none  
Atmospheric Abs.: none  
K Factor: 1.333  
RX Antenna - Type: OMNI  
Height: 2.0 m AGL Gain: -2.15 dBd

## Field strength at remote

Yellow circle = 70.0 dBuV/m  
Red circle = 60.0 dBuV/m

Display threshold level: -120.0 dBmW

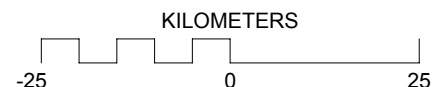
## Sites

Site: KFLGFM\_Crossman  
N34°33'06.00" W114°11'37.00" 0.0 m  
KFLG\_P \* Tx.Ht.AGL: 837.0 m Total ERPd: 19.50 kW  
Model: 1 omni-horizontal/0.0° 94.7000 MHz  
KFLG\_LR Tx.Ht.AGL: 32.0 m Total ERPd: 19.50 kW  
Model: 3 omni-horizontal/0.0° 94.7000 MHz  
Model: 3 omni-horizontal/0.0° 94.7000 MHz

Reference Grid (spacing: 30')

## Notes

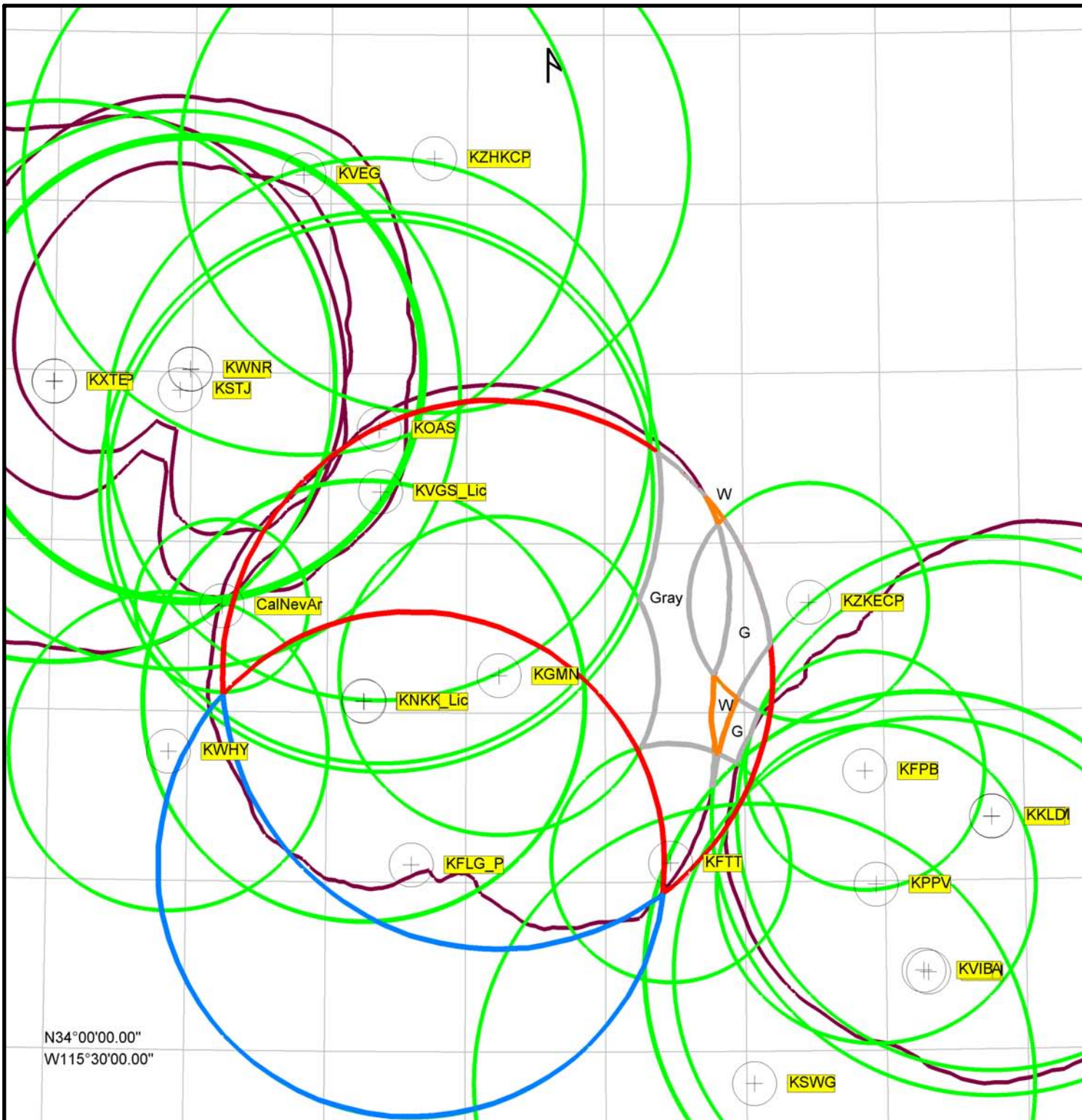
70 dBu contour area 10,788 Sq. km  
70 dBu contour pop count 71,145 persons  
60 dBu contour area 21,642 Sq. km  
60 dBu contour pop count 166,271 persons



## KFLG-FM Minor Modification

FCC Allotment Map

January, 2007



SIGNAL™: KFLG\_WhiteAreaStudy

Prop. model: FCC-FCC  
Time: 50.0% Loc.: 50.0%  
Prediction Confidence Margin: 0.0dB  
Climate: Continental Temperate  
Land use (clutter): none  
Atmospheric Abs.: none  
K Factor: 1.333  
RX Antenna - Type: OMNI  
Height: 2.0 m AGL Gain: -2.15 dBd

White Area  
Gray Area  
Gain Area  
Loss Area

Field strength at remote

= 60.0 dBuV/m

Display threshold level: -120.0 dBmW

Field strength at remote

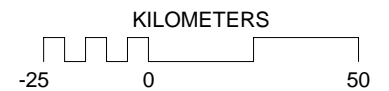
= 60.0 dBuV/m

Display threshold level: -120.0 dBmW

Reference Grid (spacing: 30')

#### Notes

Gain Area 9,650 Sq. km  
Gain Population 13,250 Persons  
Loss Area 13,458 Sq. km  
Loss Population 10,115 Persons  
White Area 124 Sq. km  
White Area Population 4 Persons  
Gray Area 2,148 Sq. km  
Gray Area Population 455 Persons  
Green contours are Non-Reserved Channels  
Brown contours are Reserved Channels

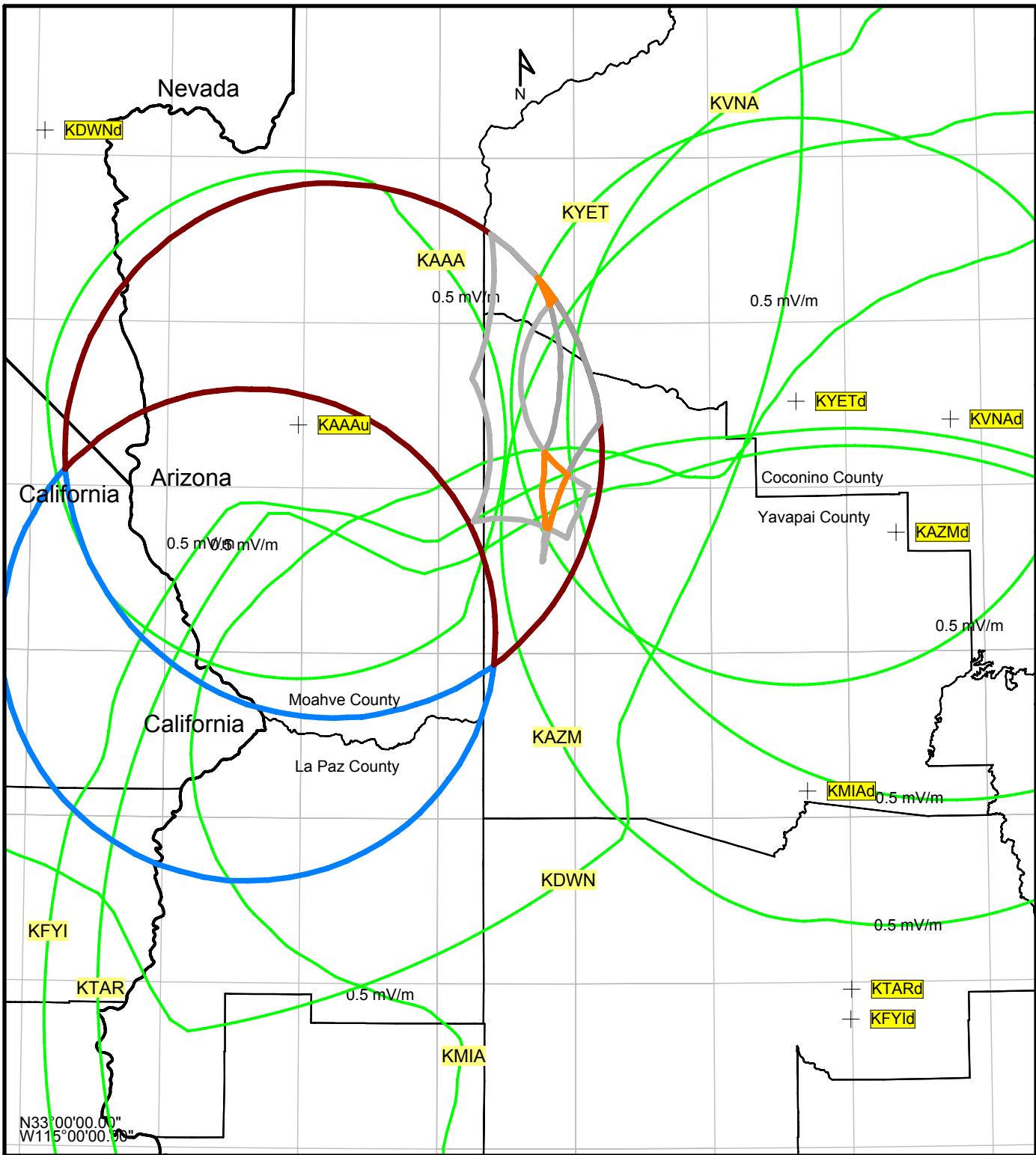


#### Proposed Community for KFLG-FM

Gain Loss and Remaining FM Service Map

Figure 2

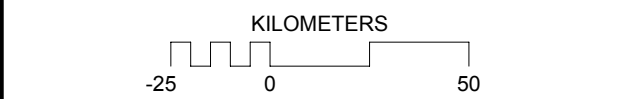
January 2007



AMW™: KFLG\_Whitearea.am  
Prop. method: Groundwave equivalent distance  
Ground conduct. map type: US M3  
Skywave departure angle method: FCC angle range  
Percent time for skywave field: 10%

- White Area
- Gray Area
- Loss Area
- Gain Area
- Field strength at remote
- = 0.500 mV/m
- Display threshold level: -120.0 dBmW
- State
- County
- Reference Grid (spacing: 30')

Notes  
Daytime Service to locations with less than 2,500 persons.  
Nighttime Interference Free Contours do not cover the Gray or White Areas.  
The Gray and White Areas shown are the areas created after all FM broadcast stations serving the loss area have been determined.



**Proposed Community for KFLG-FM**  
AM Daytime Gray and White Area Coverage  
Figure 2A January 2007

**Table 2**  
**KFLG-FM Kingman, AZ Proposed Community Change to Blue Rivers, AZ**

**Area and Population Count**

	<i>Area</i>	<i>Population</i>		
Loss Area	13,458 Sq. kM	10,115 Persons		
Gain Area	9,650 Sq. kM	13,250 Persons	Net Gain	3,135 Persons
Loss Area White Space	124 Sq. kM	4 Persons		
Loss Area Gray Space	2,148 Sq. kM	455 Persons		
Gain Area White Space	0 Sq. kM	0 Persons		
Gain Area Gray Space	474 Sq. kM	0 Persons		

<i>Call Sign</i>	<i>Community</i>	<i>FacID</i>	<i>Channel/Class</i>	<i>Power</i>	<i>HAAT</i>	<i>Lat</i>	<i>Lon</i>
<b>Principle Allotments</b>							
KFLG -FM	Kingman, AZ	55495	234C	43.0 kW	790 m	35-6-41	113-53-8
KFLG -FM	Blue Rivers, AZ	55495	234C0	100.0 kW	449 m	34-33-6	114-11-37

**Remaining Allotments to Loss Area**

KNPR	Las Vegas, NV	79047	205C	24.5 kW	1,122 m	35-58-2	115-30-6
KVIR	Bullhead City, AZ	91952	210C	38 kW DA	913 m	35-6-28	113-52-40
KSOS	Las Vegas, NV	20528	213C	100.0 kW	387 m	36-0-29	115-0-20
KGCB	Prescott, AZ	24752	215C	58.0 kW	772 m	34-41-15	112-7-2
KUNV	Las Vegas, NV	68921	218C1	100.0 kW	299 m	36-0-28	115-0-20
KOMP	Las Vegas, NV	38451	222C	25.0 kW	1,124 m	35-57-57	115-30-3
KRRN	Dolan Springs, AZ	27982	224C	100.0 kW	541 m	35-39-7	114-18-42
KPLV	Las Vegas, NV	6893	226C	24.0 kW	1,141 m	35-58-2	115-30-6
KAAD	Laughlin, NV	72528	228C1	100.0 kW	299 m	35-1-58	114-21-57
KMXB	Henderson, NV	51676	231C	100.0 kW	354 m	36-0-30	115-0-20
KFPB	Chino Valley, AZ	109	232C3	25.0 kW	100 m	34-49-32	112-34-9
KVIB	Sun City West, AZ	16770	236C	41.0 kW	849 m	34-14-5	112-22-2
KWNR	Henderson, NV	61527	238C	92.0 kW	354 m	36-0-31	115-0-22
KKLD	Cottonwood, AZ	51642	240C0	100.0 kW	449 m	34-41-11	112-7-2
KZHK-CP	St. George, UT	40519	240C0	100.0 kW	449 m	36-38-7	114-7-18
KKLZ	Las Vegas, NV	40757	242C	100.0 kW	358 m	36-0-20	115-0-20
KSWG-CP	Wickenburg, AZ	11216	242C	100.0 kW	600 m	33-54-17	112-58-22
KXTP	Las Vegas, NV	38450	246C	25.0 kW	1,120 m	35-58-2	115-30-6
KMVA	Dewey-Humboldt, AZ	68566	248C	42.0 kW	849 m	34-14-5	112-22-2
KVEG	Mesquite, NV	83278	248C	100.0 kW	600 m	36-35-6	114-36-1
KLUK	Needles, CA	8385	250C1	100.0 kW	299 m	35-2-6	114-22-9
KKFR-CP	Mayer, AZ	41462	252C	41.0 kW	852 m	34-14-3	112-22-1
KLUC	Las Vegas, NV	47744	253C	97.0 kW	360 m	36-0-29	115-0-20
KHWY	Essex, CA	34556	255B	50.0 kW	150 m	34-52-50	115-4-6
KGMN	Kingman, AZ	48680	260C2	50.0 kW	150 m	35-6-37	113-52-55
KKJJ	Henderson, NV	12560	263C	96.0 kW	375 m	36-0-30	115-0-20
KWID	Las Vegas, NV	55503	270C	100.0 kW	360 m	36-0-30	115-0-20
KAHM	Prescott, AZ	61510	271C	54.0 kW	770 m	34-41-14	112-7-1
KSTJ	Boulder City, NV	57281	274C	96.0 kW	603 m	35-56-46	115-2-34
KFTT	Bagdad, AZ	77750	276C3	25.0 kW	100 m	34-33-25	113-16-0
KZKE-CP	Seligman, AZ	56339	277C3	25.0 kW	100 m	35-19-26	112-45-55
KISF	Las Vegas, NV	28893	278C	100.0 kW	353 m	36-0-29	115-0-20
KAJM-CP	Payson, AZ	52818	282C	22.0 kW	807 m	34-13-47	112-21-3
KCYE	North Las Vegas, NV	19062	282C	24.5 kW	1,128 m	35-58-2	115-30-6
New-CP	Cal-Vev-Ari, NV	164263	285A	6.0 kW	100 m	35-18-42	114-52-55
KOAS	Dolan Springs, AZ	25692	289C	100.0 kW	537 m	35-50-11	114-19-8
KSNE	Las Vegas, NV	71525	293C	100.0 kW	352 m	36-0-30	115-0-20
KPPV	Prescott Valley, AZ	53414	294C2	50.0 kW	150 m	34-29-25	112-32-0
KNKK	Needles, CA	78087	296C1	100.0 kW	299 m	35-1-58	114-21-57
KXTE	Pahrump, NV	2100	298C	24.5 kW	1,137 m	35-57-57	115-30-3
KVGS	Laughlin, NV	25752	300C	98.0 kW	605 m	35-39-7	114-18-42

Number of FM facilities providing partial coverage of Loss Area is 41

**Gray and White Area Daytime Coverage by AM Stations**

					<i>Coverage</i>		
KFYI	Phoenix, AZ	63918	550 kHz	5.0 kW	Partial	33-23-17	112-0-22
KVNA	Flagstaff, AZ	68567	600 kHz	1.0 kW	Partial	35-12-2	111-36-49
KTAR	Phoenix, AZ	52515	620 kHz	5.0 kW	Partial	33-28-44	112-0-6
KMIA	Black Canyon City, AZ	63147	710 kHz	22.0 kW	Partial	34-4-48	112-9-15
KDWN	Las Vegas, NV	54686	720 kHz	50.0 kW	Entire	36-4-22	114-58-20
KAZM	Sedona, AZ	64494	780 kHz	5.0 kW	Partial	34-51-38	111-49-10
KYET	Williams, AZ	64357	1180 kHz	10.0 kW	Partial	35-15-38	112-10-55
KAAA	Kingman, AZ	55492	1230 kHz	1.0 kW	Partial	35-11-26	114-1-4

Number of AM facilities providing partial or full daytime coverage of gray or white areas is 8

**Gray and White Area Nighttime Interference Free Coverage by AM Stations**

None

**Vacant FM allotments that will serve the Gray and White Areas**

VAC	Bagdad, AZ	260C3	25.0 kW	100 m	34-36-11	113-12-4
VAC	Peach Springs, AZ	285C3	25.0 kW	100 m	35-31-39	113-19-49



**Table 3**  
**Kingman, AZ Remaining Services**

<b>FM</b>		<b>AM</b>	
KGMN Kingman, AZ	48680	KDWN Las Vegas, NV	54686
KRRN Dolan Springs, A	27982	KAAA Kingman, AZ	55492
KADD Logandale, NV	72528		
KNKKNeedles, CA	78087		
KLUK Needles, CA	8385		