

**KVGS(FM) 300C**  
**Laughlin, AZ**  
**Contingently Proposed Minor Modification**  
**Of Licensed Facility**  
**and change of**  
**Community of License**

The instant application is being contemporaneously and contingently filed with 301 Applications submitted by the following parties:

Yavapai Broadcasting Corporation (“Yavapai”), licensee of KQST(FM) Sedona, AZ  
Smoke and Mirrors, LLC (“Smoke”), licensee of KFTT(FM) Bagdad, AZ  
RBG Licenses of Las Vegas, LLC (“RBG”), licensee of KVGS(FM) Laughlin, NV  
Steven M. Greeley (“Greeley”), licensee of KJJJ(FM) Lake Havasu City, AZ

In its application, Yavapai proposes to modify the antenna site coordinates of KQST(FM) and downgrade from Channel 275C to 275C0. In order for the KQST(FM) change to occur, Smoke proposes a Channel Substitution for KFTT(FM) of Channel 299C3 in place of Channel 276C3. In order for the KFTT(FM) channel change to occur, RBG proposes to change KVGS(FM)’s community of license from Laughlin, NV, to Meadview, AZ, and modify both its reference coordinates and its antenna site coordinates. In order for to provide continuing local transmission service at Laughlin, NV, upon KVGS(FM)’s community change to Meadview, Greeley proposes that KJJJ(FM) shall, first, change its community of license from Lake Havasu City, AZ, to Laughlin, NV, modify its reference coordinates and antenna site, and upgrade from Channel 272C2 to mutually exclusive Channel 272C1. Consequently, each of the four applications is contingent upon the others.

KVGS(FM), by this application, proposes to modify its currently licensed facilities to specify a new antenna site at a new community of license using the following parameters:

Community of License:	Meadview, AZ
Channel:	300
Class:	C
Antenna Coordinates:	N35-50-11, W114-19-08 (NAD 27)
73.207 Ref. Coordinates:	N35-57-45, W114-20-32 (NAD 27)
ASRN:	Not Applicable
Tower Height AMSL:	50 m
COR AMSL:	1570 m
COR AGL:	42 m
COR HAAT:	537 m
ERP:	100 kW (Horizontal Polarization Only)
Directional Antenna:	NO

The Applicant respectfully requests that KVGS(FM) be allowed to conduct a community of license change from Laughlin, NV, to Meadview, AZ, on its current channel. In order to request such a community change, the applicant must be able to provide reference coordinates fully spaced under Section 73.207 of the Commission's rules towards all other facilities. The applicant has selected the following fully spaced reference coordinates for KVGS:

KVGS(FM) 300C3 Meadview, AZ Reference Coordinates: N35-57-45, W114, 20-32

As shown in the KVGS(FM) 300C Reference Site Channel Study included attached as Exhibit 1, at these coordinates, KVGS(FM) on Channel 300C would be fully spaced per Section 73.207 to all other stations, proposals, and reserved uses with the exception of its existing facilities at Laughlin. As mentioned above, KVGS(FM) and KFTT(FM) have contemporaneously and contingently filed FCC Form 300's in order for KFTT(FM) to request a Channel Substitution of 299C3. In its own contingent application, KFTT(FM) has proposed substituting Channel 299C3 for Channel 276C3 at the following reference coordinates:

KFTT(FM) 299C3 Bagdad, AZ Reference Coordinates: N34-35-37, W113-22-30

With the reference coordinates for KVGS(FM) and KFTT(FM) designated at the above two sets of coordinates, Exhibit 1 indicates that KVGS(FM) is not only fully spaced to the contingently proposed KFTT(FM) reference coordinates, but also towards all other authorizations, applications, and reserved uses.

As can be seen on the map in Exhibit 2, from the KVGS(FM) 300C reference coordinates, KVGS's Community of License, Meadview, AZ, lies entirely within the FCC predicted F(50,50) 70 dBu contour and the hypothetical 70 dBu Class C circle contour used for allotment purposes.

As can be seen in Exhibit 3, KVGS(FM)'s proposed community of license, Meadview, AZ, lies entirely within the FCC predicted F(50,50) 70 dBu contour using the facilities proposed herein. Exhibit 4 is the KVGS(FM) 300C Antenna Site Channel Study demonstrating that the proposed antenna site is fully spaced towards all applications, authorizations, and permits pursuant to Section 73.207 with the exception of being shortspaced to the contingently proposed KFTT(FM) antenna site on Channel 299C3.<sup>1</sup> In order to address this shortspacings, the Applicant respectfully requests Section 73.215 Contour Protection Processing towards KFTT(FM).

KVGS(FM) may request 73.215 Contour Protection towards KFTT(FM) as it complies with the minimum separation requirements towards the first adjacent station at its proposed antenna site. The channel spacings study in Exhibit 4 shows that the proposed KVGS(FM) 300C Antenna Location is spaced 171.26 kilometers from KFTT(FM). In order to be eligible for 73.215 Contour Protection, the minimum "C to C3" spacings for first adjacent stations must be at least 165 kilometers. The proposed KVGS(FM) 275C2 Antenna Location satisfies this requirement by 6.26 kilometers.

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<sup>1</sup> Since KFTT(FM) and KVGS(FM) shall contingently and simultaneously "move" from their reference coordinates to their proposed antenna sites, both sets of reference coordinates will become irrelevant simultaneously thereby avoiding a situation where the stations could become shortspaced to each other.

Using the facilities proposed herein, KVGS(FM) 300C complies with the Contour Protection requirements of Part 73.215 towards the contingently proposed KFTT(FM) facilities. The attached overlap tabulation studies in Exhibits 5 and 6 demonstrate that this application complies with the Contour Protection Requirements of Section 73.215.

In reviewing the attached studies, it should be noted that since KFTT(FM) proposes the use of Section 73.215 contour protection processing in its own 301 Application, only KFTT(FM)'s actual proposed facilities will be protected.

Using the KVGS(FM) 300C technical parameters proposed in this application, Exhibit 5 demonstrates that the F(50,50) 60 dBu Contour for KVGS(FM) does not overlap the F(50,10) 54 dBu Interfering Contour of KFTT(FM). Likewise, Exhibit 6 demonstrates that the F(50,50) 60 dBu Contour for KFTT(FM) does not overlap the F(50,10) 54 dBu Interfering Contour of the instant KVGS(FM) application on 300C.

The proposed FM Facility has been evaluated in terms of potential radiofrequency electromagnetic field exposure at ground level in accordance with OET Bulletin No. 65, Evaluating Compliance with FCC Specified Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields (OET Bulletin 65, Second Edition 97-01, August, 1997). It is proposed that the KVGS(FM) facilities The Commission's FM Model Power Density Prediction program was employed to determine the Field. Using a **horizontally polarized** Phelps-Dodge "Ring Stub" or Dipole Worst Case EPA antenna with 10 sections, one-half wavelength between sections, and the AGL height and ERP proposed in this application, the highest predicted power density 2 meters above ground is less than 9% of the Uncontrolled Standard with a Power Density of 16.6 microwatts per square centimeter at a location 400 meters away from the base of the tower.

Even though the site will fully comply with the Uncontrolled Site Standards, access to the transmitting site will be restricted and appropriately marked with warning signs. When it becomes necessary for workers to ascend the tower, appropriate measures, such as reduction or shut down of power if necessary, shall be taken to ensure that the human exposure to radiofrequency radiation will not exceed the FCC guidelines.

The proposed facility should be exempt from FAA Registration, NEPA/SHPO notification, and environmental processing because the facility would not be located at a location specified in Section 1.1307(a)(1)-(8) of the Commission's Rules and since the tower in question already exists.

KVGS 300C  
Reference Site Channel Study

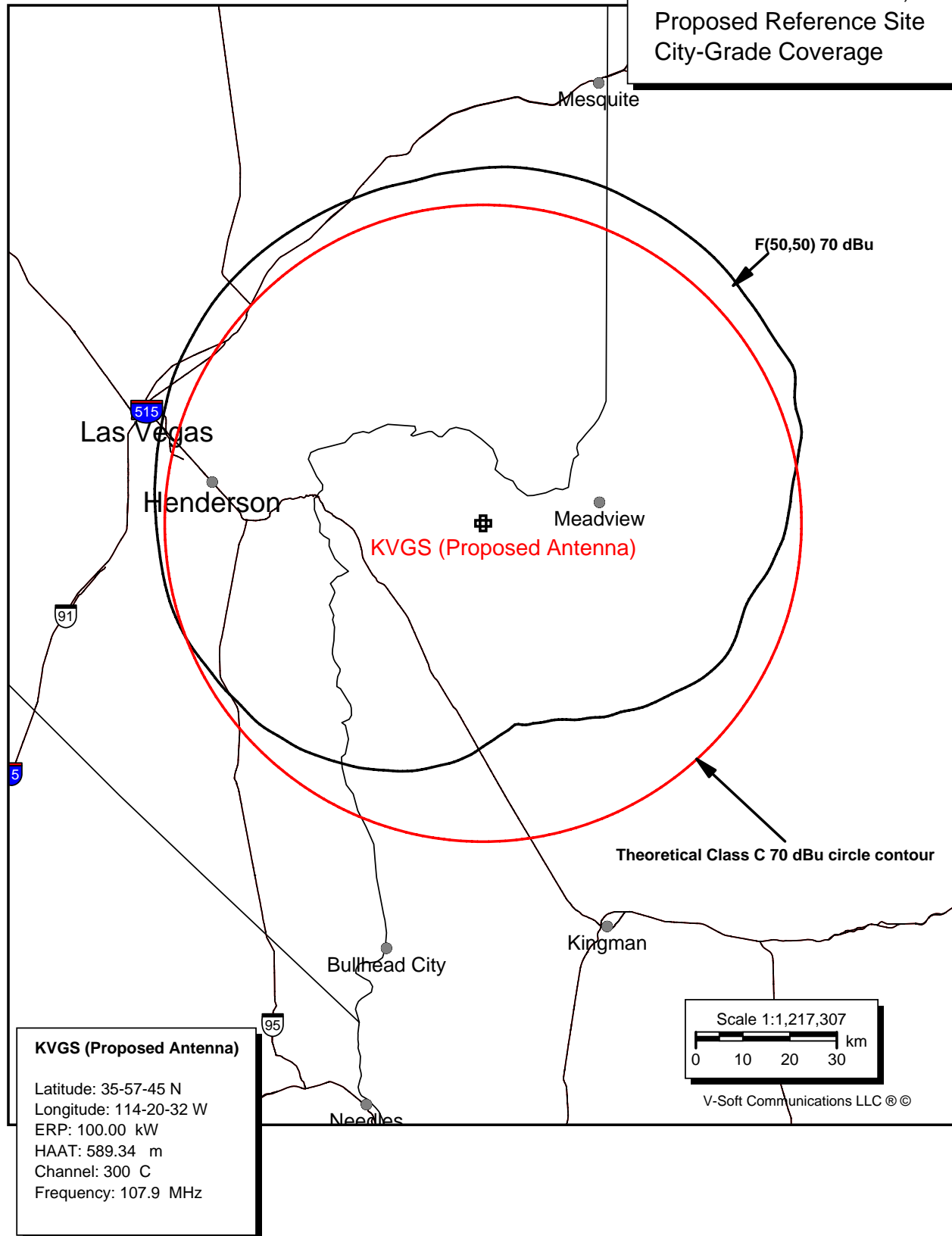
REFERENCE	CLASS = C    Int = C	DISPLAY DATES
35 57 45 N.	Current    Spacings	DATA    01-10-07
114 20 32 W.		SEARCH 01-19-07

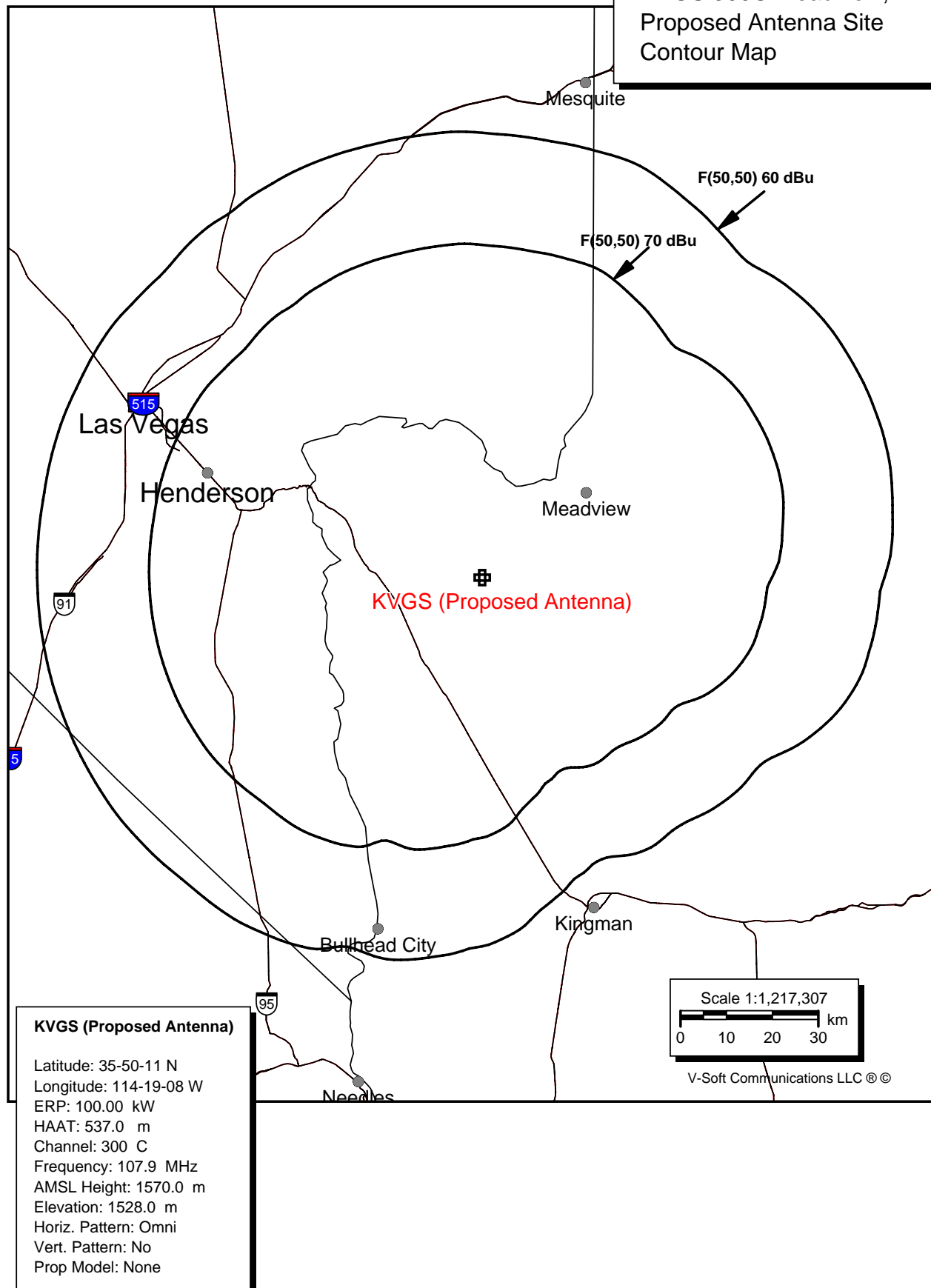
----- Channel 300 - 107.9 MHz -----

Call	Channel	Location	Azi	Dist	FCC	Margin
RADD	ADD	300C Meadview	AZ	171.5	14.15	290.0 -275.85
Of No Concern: Proposal to Add Channel 300C at Meadview, AZ, in MB						
Docket 05-263, has been dismissed.						
KVGS	LIC	300C Laughlin	NV	175.4	34.56	290.0 -255.44
Of No Concern: Currently authorized KVGS(FM) facility.						
RDEL	DEL	300C Laughlin	NV	175.4	34.56	290.0 -255.44
Of No Concern: Proposal to Delete Channel 300C at Laughlin, NV, in MB						
Docket 05-263, has been dismissed.						
ALLO	USE	300C Laughlin	NV	175.5	34.68	290.0 -255.32
Of No Concern: Currently authorized KVGS(FM) facility.						
KXTE	LIC	298C Pahrump	NV	270.5	104.51	105.0 -0.49
RADD	PRO	299C3 Bagdad	AZ	149.7	175.52	176.0 -0.48
Of Note: Contingently Proposed Channel Substution of Channel 299C3 at						
Bagdad, AZ, for KFTT(FM)'s use.						
AU6829622VAC		300C2 Parowan	UT	32.4	248.54	249.0 -0.46
ALLO	USE	298C Pahrump	NV	270.6	104.58	105.0 -0.42
KFTT	PRO-N	299C3 Bagdad	AZ	147.7	184.10	176.0 8.10
ALLO	USE	246C Las Vegas	NV	268.5	63.15	48.0 15.15
RADD	ADD	299A Bagdad	AZ	147.7	184.10	165.0 19.10
ALLO	USE	299B1 Twentynine Palms	CA	216.8	246.11	193.0 53.11
KXPT	LIC	246C Las Vegas	NV	270.6	104.58	48.0 56.58
KXFF	LIC	297C1 Colorado City	AZ	39.1	162.86	105.0 57.86
ALLO	USE	297C1 Colorado City	AZ	39.1	162.86	105.0 57.86
ALLO	USE	300C Chandler	AZ	143.8	358.76	290.0 68.76
KMLE	LIC	300C Chandler	AZ	143.8	358.76	290.0 68.76
KCDZ	LIC-N	299B1 Twentynine Palms	CA	220.6	262.45	193.0 69.45

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KVGS 300C Meadview, AZ  
Proposed Reference Site  
City-Grade Coverage



**KVGS 300C Meadview, AZ  
Proposed Antenna Site  
Contour Map**



KVGS 300C  
Antenna Site Channel Study

REFERENCE			DISPLAY DATES
35 50 11 N.	CLASS = C	Int = C	DATA 01-10-07
114 19 08 W.	Current	Spacings	SEARCH 01-19-07

----- Channel 300 - 107.9 MHz -----

Call	Channel	Location	Azi	Dist	FCC	Margin
RADD	ADD	300C Meadview	AZ	0.0	0.00	290.0 -290.00
Of No Concern: Proposal to Add Channel 300C at Meadview in MB Docket 05-263 has been dismissed.						
ALLO	PRO	300C Meadview	AZ	351.5	14.15	290.0 -275.85
Of No Concern: Instantly proposed 73.207 reference coordinates for the addition of Channel 300C at Meadview.						
KVGS	LIC	300C Laughlin	NV	178.2	20.47	290.0 -269.53
Of No Concern: Currently authorized KVGS(FM) facilities.						
RDEL	DEL	300C Laughlin	NV	178.2	20.47	290.0 -269.53
Of No Concern: Proposal to Delete Channel 300C at Laughlin in MB Docket 05-263 has been dismissed.						
ALLO	USE	300C Laughlin	NV	178.3	20.59	290.0 -269.41
Of No Concern: Currently authorized KVGS(FM) facilities.						
RADD	PRO	299C3 Bagdad	AZ	147.9	162.46	176.0 -13.54
Of No Concern: Entry represents 73.207 reference coordinates for the contingently proposed channel substitution at Bagdad, AZ, to Channel 299C3. Since KFTT(FM) proposes the antenna site listed immediately below, this entry becomes irrelevant and does not represent a shortspacing for the KVGS(FM) proposed antenna site.						
KFTT	PRO-N	299C3 Bagdad	AZ	145.8	171.26	176.0 -4.74
Of Concern: Applicant respectfully requests Section 73.215 Contour Protection towards KFTT(FM)'s contingently proposed facilities.						
KXTE	LIC	298C Pahrump	NV	278.0	107.66	105.0 2.66
ALLO	USE	298C Pahrump	NV	278.1	107.76	105.0 2.76
RADD	ADD	299A Bagdad	AZ	145.8	171.26	165.0 6.26
AU6829622VAC		300C2 Parowan	UT	30.4	259.37	249.0 10.37
ALLO	USE	246C Las Vegas	NV	280.8	66.39	48.0 18.39
ALLO	USE	299B1 Twentynine Palms	CA	219.3	236.41	193.0 43.41
KMLE	LIC	300C Chandler	AZ	142.8	346.30	290.0 56.30
ALLO	USE	300C Chandler	AZ	142.8	346.30	290.0 56.30
KXPT	LIC	246C Las Vegas	NV	278.1	107.76	48.0 59.76
KCDZ	LIC-N	299B1 Twentynine Palms	CA	223.0	253.44	193.0 60.44
KXFF	LIC	297C1 Colorado City	AZ	35.6	172.70	105.0 67.70
ALLO	USE	297C1 Colorado City	AZ	35.6	172.70	105.0 67.70

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# Exhibit 5

01-22-2007 30 Sec. Terrain Data

KVGS PROPOSED  
Channel = 300C  
Max ERP = 100 kW  
RCAMSL = 1570 M  
N. Lat = 35 50 11  
W. Lng = 114 19 08

Protected  
60 dBu

KFTT PROPOSED  
Channel = 299C3  
Max ERP = 1 kW  
RCAMSL = 1381 M  
N. Lat = 34 33 25.0  
W. Lng = 113 16 00.0

Interfering  
54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
088.0	100.0000	0528.7	088.4	357.1	001.0000	0378.1	145.2	26.9
089.0	100.0000	0520.7	088.0	356.9	001.0000	0378.1	143.7	27.1
090.0	100.0000	0512.6	087.5	356.7	001.0000	0378.1	142.2	27.5
091.0	100.0000	0504.5	087.0	356.4	001.0000	0379.3	140.7	27.8
092.0	100.0000	0497.8	086.6	356.2	001.0000	0379.3	139.2	28.2
093.0	100.0000	0496.3	086.5	356.1	001.0000	0379.3	137.7	28.5
094.0	100.0000	0495.2	086.4	356.0	001.0000	0379.3	136.3	28.9
095.0	100.0000	0493.9	086.4	355.9	001.0000	0379.3	134.8	29.2
096.0	100.0000	0492.6	086.3	355.7	001.0000	0379.3	133.3	29.6
097.0	100.0000	0491.2	086.2	355.6	001.0000	0379.3	131.8	30.0
098.0	100.0000	0489.5	086.1	355.4	001.0000	0370.1	130.4	30.1
099.0	100.0000	0487.4	085.9	355.2	001.0000	0370.1	129.0	30.4
100.0	100.0000	0484.7	085.8	354.9	001.0000	0370.1	127.6	30.8
101.0	100.0000	0482.3	085.6	354.7	001.0000	0370.1	126.2	31.1
102.0	100.0000	0480.7	085.5	354.4	001.0000	0363.4	124.8	31.2
103.0	100.0000	0479.0	085.4	354.2	001.0000	0363.4	123.4	31.6
104.0	100.0000	0476.0	085.2	353.8	001.0000	0363.4	122.0	31.9
105.0	100.0000	0472.0	085.0	353.5	001.0000	0354.0	120.7	31.9
106.0	100.0000	0467.3	084.7	353.1	001.0000	0354.0	119.5	32.2
107.0	100.0000	0461.7	084.3	352.6	001.0000	0354.0	118.3	32.5
108.0	100.0000	0456.1	083.9	352.1	001.0000	0347.7	117.1	32.5
109.0	100.0000	0450.2	083.4	351.6	001.0000	0347.7	116.0	32.8
110.0	100.0000	0443.6	083.0	351.1	001.0000	0344.2	115.0	32.9
111.0	100.0000	0436.3	082.4	350.5	001.0000	0340.6	114.0	33.0
112.0	100.0000	0428.4	081.9	349.9	001.0000	0340.6	113.1	33.2
113.0	100.0000	0419.9	081.2	349.2	001.0000	0338.2	112.2	33.3
114.0	100.0000	0411.1	080.6	348.5	001.0000	0338.2	111.4	33.5
115.0	100.0000	0401.8	079.9	347.8	001.0000	0340.0	110.7	33.8
116.0	100.0000	0392.3	079.2	347.1	001.0000	0344.9	110.1	34.2
117.0	100.0000	0382.5	078.5	346.4	001.0000	0354.8	109.5	34.8
118.0	100.0000	0371.9	077.7	345.6	001.0000	0354.8	109.0	34.9
119.0	100.0000	0360.2	076.8	344.8	001.0000	0366.7	108.6	35.5
120.0	100.0000	0347.4	075.9	343.9	001.0000	0378.9	108.3	36.0
121.0	100.0000	0334.6	075.0	343.1	001.0000	0387.7	108.1	36.3
122.0	100.0000	0322.8	074.1	342.3	001.0000	0394.3	107.9	36.5
123.0	100.0000	0313.4	073.4	341.5	001.0000	0394.3	107.6	36.6
124.0	100.0000	0307.3	072.9	340.8	001.0000	0395.7	107.2	36.7
125.0	100.0000	0304.2	072.7	340.2	001.0000	0394.5	106.7	36.9
126.0	100.0000	0303.1	072.6	339.6	001.0000	0394.5	106.0	37.0
127.0	100.0000	0302.8	072.6	339.0	001.0000	0392.5	105.4	37.1
128.0	100.0000	0302.2	072.6	338.4	001.0000	0390.1	104.8	37.2
129.0	100.0000	0300.9	072.5	337.8	001.0000	0390.1	104.2	37.4
130.0	100.0000	0298.9	072.3	337.1	001.0000	0387.2	103.8	37.4
131.0	100.0000	0296.3	072.1	336.5	001.0000	0382.8	103.4	37.4
132.0	100.0000	0293.4	071.9	335.8	001.0000	0382.8	103.1	37.5
133.0	100.0000	0290.3	071.6	335.1	001.0000	0377.4	102.8	37.3
134.0	100.0000	0287.1	071.3	334.4	001.0000	0372.3	102.6	37.2
135.0	100.0000	0283.6	071.1	333.7	001.0000	0372.3	102.5	37.3
136.0	100.0000	0279.8	070.7	333.0	001.0000	0367.3	102.4	37.1
137.0	100.0000	0275.5	070.4	332.3	001.0000	0362.1	102.5	36.9

138.0	100.0000	0270.9	070.0	331.5	001.0000	0362.1	102.5	36.9
139.0	100.0000	0266.4	069.6	330.8	001.0000	0357.3	102.6	36.7
140.0	100.0000	0262.6	069.3	330.1	001.0000	0353.6	102.7	36.6
141.0	100.0000	0259.8	069.1	329.5	001.0000	0349.8	102.8	36.4
142.0	100.0000	0257.9	068.9	328.8	001.0000	0349.8	102.8	36.4
143.0	100.0000	0257.3	068.8	328.1	001.0000	0345.3	102.7	36.3
144.0	100.0000	0258.0	068.9	327.5	001.0000	0341.1	102.6	36.1
145.0	100.0000	0259.2	069.0	326.8	001.0000	0341.1	102.4	36.2
146.0	100.0000	0260.6	069.1	326.1	001.0000	0338.1	102.3	36.1
147.0	100.0000	0261.7	069.2	325.4	001.0000	0336.0	102.2	36.1
148.0	100.0000	0261.6	069.2	324.8	001.0000	0336.0	102.3	36.0
149.0	100.0000	0260.1	069.1	324.1	001.0000	0336.2	102.5	36.0
150.0	100.0000	0257.9	068.9	323.5	001.0000	0340.7	102.8	36.1
151.0	100.0000	0254.9	068.6	322.8	001.0000	0340.7	103.2	35.9
152.0	100.0000	0250.8	068.3	322.2	001.0000	0349.2	103.8	36.1
153.0	100.0000	0245.5	067.9	321.6	001.0000	0349.2	104.4	35.9
154.0	100.0000	0239.6	067.4	321.0	001.0000	0357.8	105.2	36.0
155.0	100.0000	0234.3	066.9	320.5	001.0000	0363.8	105.9	36.1
156.0	100.0000	0231.0	066.6	319.9	001.0000	0363.8	106.5	35.9
157.0	100.0000	0229.8	066.5	319.3	001.0000	0369.3	106.9	36.0
158.0	100.0000	0230.4	066.6	318.7	001.0000	0369.3	107.2	35.9
159.0	100.0000	0233.3	066.9	318.1	001.0000	0378.3	107.4	36.2
160.0	100.0000	0239.7	067.4	317.4	001.0000	0391.8	107.4	36.6
161.0	100.0000	0245.6	067.9	316.8	001.0000	0391.8	107.4	36.6
162.0	100.0000	0249.1	068.2	316.1	001.0000	0406.6	107.6	37.0
163.0	100.0000	0253.3	068.5	315.5	001.0000	0419.0	107.9	37.3
164.0	100.0000	0261.8	069.2	314.7	001.0000	0419.0	107.8	37.3
165.0	100.0000	0272.2	070.1	313.9	001.0000	0427.2	107.7	37.5
166.0	100.0000	0280.2	070.8	313.2	001.0000	0431.4	107.8	37.6
167.0	100.0000	0287.3	071.4	312.5	001.0000	0434.0	108.0	37.7
168.0	100.0000	0295.4	072.0	311.7	001.0000	0434.0	108.2	37.6
169.0	100.0000	0304.1	072.7	311.0	001.0000	0436.9	108.4	37.6
170.0	100.0000	0313.0	073.4	310.3	001.0000	0440.4	108.7	37.6
171.0	100.0000	0324.8	074.2	309.4	001.0000	0443.9	108.9	37.7
172.0	100.0000	0338.3	075.2	308.6	001.0000	0443.9	109.1	37.7
173.0	100.0000	0352.0	076.2	307.7	001.0000	0446.8	109.3	37.7
174.0	100.0000	0362.8	077.0	306.9	001.0000	0448.9	109.7	37.6
175.0	100.0000	0371.4	077.6	306.2	001.0000	0450.3	110.3	37.5
176.0	100.0000	0379.4	078.2	305.5	001.0000	0450.3	111.0	37.3
177.0	100.0000	0387.0	078.8	304.9	001.0000	0450.6	111.7	37.1
178.0	100.0000	0394.3	079.3	304.2	001.0000	0449.7	112.5	36.9
179.0	100.0000	0401.1	079.8	303.6	001.0000	0449.7	113.4	36.7
180.0	100.0000	0405.4	080.2	303.1	001.0000	0448.4	114.4	36.4
181.0	100.0000	0409.1	080.4	302.6	001.0000	0448.4	115.4	36.1
182.0	100.0000	0412.9	080.7	302.2	001.0000	0447.9	116.5	35.9
183.0	100.0000	0420.2	081.3	301.6	001.0000	0447.9	117.5	35.6
184.0	100.0000	0427.4	081.8	301.1	001.0000	0449.1	118.5	35.4
185.0	100.0000	0434.0	082.3	300.5	001.0000	0449.1	119.6	35.1
186.0	100.0000	0439.0	082.6	300.1	001.0000	0451.8	120.7	34.9
187.0	100.0000	0444.2	083.0	299.7	001.0000	0451.8	121.9	34.6
188.0	100.0000	0449.9	083.4	299.3	001.0000	0455.8	123.1	34.4
189.0	100.0000	0456.0	083.9	298.8	001.0000	0455.8	124.3	34.1
190.0	100.0000	0461.6	084.3	298.4	001.0000	0460.8	125.6	33.9
191.0	100.0000	0467.0	084.6	298.1	001.0000	0460.8	126.9	33.6
192.0	100.0000	0472.2	085.0	297.8	001.0000	0460.8	128.2	33.2
193.0	100.0000	0476.8	085.3	297.5	001.0000	0467.7	129.6	33.1
194.0	100.0000	0480.4	085.5	297.2	001.0000	0467.7	131.0	32.7
195.0	100.0000	0482.0	085.6	297.0	001.0000	0467.7	132.4	32.4
196.0	100.0000	0481.8	085.6	296.9	001.0000	0467.7	133.9	32.0
197.0	100.0000	0480.2	085.5	296.9	001.0000	0467.7	135.4	31.6
198.0	100.0000	0478.9	085.4	296.8	001.0000	0467.7	136.8	31.2
199.0	100.0000	0477.6	085.3	296.8	001.0000	0467.7	138.3	30.8
200.0	100.0000	0479.3	085.4	296.7	001.0000	0467.7	139.8	30.5
201.0	100.0000	0486.4	085.9	296.4	001.0000	0476.0	141.2	30.3
202.0	100.0000	0499.8	086.7	296.1	001.0000	0476.0	142.7	30.0
203.0	100.0000	0515.4	087.6	295.7	001.0000	0476.0	144.2	29.6
204.0	100.0000	0528.3	088.4	295.3	001.0000	0483.9	145.7	29.5

# Exhibit 6

01-22-2007 30 Sec. Terrain Data

KFTT PROPOSED  
Channel = 299C3  
Max ERP = 1 kW  
RCAMSL = 1381 M  
N. Lat = 34 33 25.0  
W. Lng = 113 16 00.0

KVGS PROPOSED  
Channel = 300C  
Max ERP = 100 kW  
RCAMSL = 1570 M  
N. Lat = 35 50 11  
W. Lng = 114 19 08

Protected  
60 dBu

Interfering  
54 dBu

Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Azimuth (degrees)	ERP (kW)	HAAT (m)	Dist (km)	Actual (dBu)
275.0	001.0000	0581.5	043.9	159.3	100.0000	0233.3	147.6	43.2
276.0	001.0000	0577.9	043.8	159.1	100.0000	0233.3	147.0	43.3
277.0	001.0000	0577.5	043.8	158.9	100.0000	0233.3	146.3	43.4
278.0	001.0000	0576.7	043.7	158.8	100.0000	0233.3	145.6	43.5
279.0	001.0000	0576.5	043.7	158.6	100.0000	0233.3	145.0	43.6
280.0	001.0000	0579.0	043.8	158.5	100.0000	0233.3	144.3	43.8
281.0	001.0000	0580.3	043.9	158.4	100.0000	0230.4	143.6	43.8
282.0	001.0000	0580.4	043.9	158.2	100.0000	0230.4	143.0	44.0
283.0	001.0000	0578.0	043.8	158.0	100.0000	0230.4	142.4	44.1
284.0	001.0000	0573.0	043.6	157.8	100.0000	0230.4	141.9	44.2
285.0	001.0000	0568.0	043.4	157.5	100.0000	0230.4	141.4	44.2
286.0	001.0000	0562.1	043.1	157.3	100.0000	0229.8	140.9	44.3
287.0	001.0000	0553.7	042.8	157.0	100.0000	0229.8	140.6	44.4
288.0	001.0000	0543.7	042.3	156.6	100.0000	0229.8	140.3	44.4
289.0	001.0000	0533.8	041.9	156.3	100.0000	0231.0	140.1	44.5
290.0	001.0000	0524.4	041.4	155.9	100.0000	0231.0	139.8	44.6
291.0	001.0000	0515.5	041.0	155.6	100.0000	0231.0	139.6	44.6
292.0	001.0000	0506.8	040.6	155.3	100.0000	0234.3	139.4	44.7
293.0	001.0000	0498.7	040.2	155.0	100.0000	0234.3	139.2	44.7
294.0	001.0000	0491.2	039.9	154.7	100.0000	0234.3	139.0	44.8
295.0	001.0000	0483.9	039.6	154.4	100.0000	0239.6	138.8	44.9
296.0	001.0000	0476.0	039.2	154.0	100.0000	0239.6	138.6	45.0
297.0	001.0000	0467.7	038.9	153.7	100.0000	0239.6	138.5	45.0
298.0	001.0000	0460.8	038.6	153.4	100.0000	0245.5	138.4	45.2
299.0	001.0000	0455.8	038.3	153.1	100.0000	0245.5	138.2	45.2
300.0	001.0000	0451.8	038.2	152.9	100.0000	0245.5	137.9	45.2
301.0	001.0000	0449.1	038.1	152.6	100.0000	0245.5	137.7	45.3
302.0	001.0000	0447.9	038.0	152.4	100.0000	0250.8	137.4	45.5
303.0	001.0000	0448.4	038.0	152.1	100.0000	0250.8	137.0	45.5
304.0	001.0000	0449.7	038.1	151.9	100.0000	0250.8	136.6	45.6
305.0	001.0000	0450.6	038.1	151.7	100.0000	0250.8	136.3	45.7
306.0	001.0000	0450.3	038.1	151.4	100.0000	0254.9	136.0	45.8
307.0	001.0000	0448.9	038.0	151.1	100.0000	0254.9	135.8	45.9
308.0	001.0000	0446.8	038.0	150.9	100.0000	0254.9	135.6	45.9
309.0	001.0000	0443.9	037.8	150.6	100.0000	0254.9	135.5	45.9
310.0	001.0000	0440.4	037.7	150.3	100.0000	0257.9	135.4	46.0
311.0	001.0000	0436.9	037.5	150.0	100.0000	0257.9	135.3	46.0
312.0	001.0000	0434.0	037.4	149.8	100.0000	0257.9	135.2	46.0
313.0	001.0000	0431.4	037.3	149.5	100.0000	0260.1	135.1	46.1
314.0	001.0000	0427.2	037.1	149.2	100.0000	0260.1	135.1	46.1
315.0	001.0000	0419.0	036.8	148.9	100.0000	0260.1	135.3	46.1
316.0	001.0000	0406.6	036.3	148.6	100.0000	0260.1	135.6	46.0
317.0	001.0000	0391.8	035.7	148.3	100.0000	0261.6	136.1	45.9
318.0	001.0000	0378.3	035.1	148.0	100.0000	0261.6	136.5	45.9
319.0	001.0000	0369.3	034.8	147.7	100.0000	0261.6	136.7	45.8
320.0	001.0000	0363.8	034.5	147.4	100.0000	0261.7	136.9	45.8
321.0	001.0000	0357.8	034.2	147.1	100.0000	0261.7	137.1	45.7
322.0	001.0000	0349.2	033.8	146.9	100.0000	0261.7	137.5	45.7
323.0	001.0000	0340.7	033.4	146.6	100.0000	0261.7	137.9	45.6
324.0	001.0000	0336.2	033.1	146.4	100.0000	0260.6	138.1	45.5

325.0	001.0000	0336.0	033.1	146.1	100.0000	0260.6	138.1	45.5
326.0	001.0000	0338.1	033.2	145.9	100.0000	0260.6	137.9	45.5
327.0	001.0000	0341.1	033.4	145.7	100.0000	0260.6	137.8	45.6
328.0	001.0000	0345.3	033.6	145.4	100.0000	0259.2	137.6	45.6
329.0	001.0000	0349.8	033.8	145.2	100.0000	0259.2	137.4	45.6
330.0	001.0000	0353.6	034.0	144.9	100.0000	0259.2	137.2	45.7
331.0	001.0000	0357.3	034.2	144.6	100.0000	0259.2	137.1	45.7
332.0	001.0000	0362.1	034.4	144.4	100.0000	0258.0	137.0	45.7
333.0	001.0000	0367.3	034.7	144.1	100.0000	0258.0	136.8	45.7
334.0	001.0000	0372.3	034.9	143.9	100.0000	0258.0	136.7	45.7
335.0	001.0000	0377.4	035.1	143.6	100.0000	0258.0	136.6	45.8
336.0	001.0000	0382.8	035.3	143.3	100.0000	0257.3	136.5	45.8
337.0	001.0000	0387.2	035.5	143.1	100.0000	0257.3	136.5	45.8
338.0	001.0000	0390.1	035.6	142.8	100.0000	0257.3	136.5	45.8
339.0	001.0000	0392.5	035.7	142.5	100.0000	0257.3	136.6	45.7
340.0	001.0000	0394.5	035.8	142.3	100.0000	0257.9	136.7	45.7
341.0	001.0000	0395.7	035.8	142.0	100.0000	0257.9	136.9	45.7
342.0	001.0000	0394.3	035.8	141.8	100.0000	0257.9	137.1	45.7
343.0	001.0000	0387.7	035.5	141.6	100.0000	0257.9	137.6	45.6
344.0	001.0000	0378.9	035.2	141.4	100.0000	0259.8	138.1	45.5
345.0	001.0000	0366.7	034.7	141.2	100.0000	0259.8	138.9	45.3
346.0	001.0000	0354.8	034.1	141.1	100.0000	0259.8	139.6	45.2
347.0	001.0000	0344.9	033.6	141.0	100.0000	0259.8	140.3	45.1
348.0	001.0000	0340.0	033.3	140.8	100.0000	0259.8	140.8	45.0
349.0	001.0000	0338.2	033.3	140.6	100.0000	0259.8	141.1	44.9
350.0	001.0000	0340.6	033.4	140.4	100.0000	0262.6	141.3	44.9
351.0	001.0000	0344.2	033.6	140.1	100.0000	0262.6	141.4	44.9
352.0	001.0000	0347.7	033.7	139.9	100.0000	0262.6	141.6	44.9
353.0	001.0000	0354.0	034.1	139.6	100.0000	0262.6	141.7	44.8
354.0	001.0000	0363.4	034.5	139.3	100.0000	0266.4	141.6	44.9
355.0	001.0000	0370.1	034.8	139.0	100.0000	0266.4	141.7	44.9
356.0	001.0000	0379.3	035.2	138.7	100.0000	0266.4	141.8	44.9
357.0	001.0000	0378.1	035.1	138.6	100.0000	0266.4	142.2	44.8
358.0	001.0000	0382.0	035.3	138.3	100.0000	0270.9	142.5	44.8
359.0	001.0000	0386.7	035.5	138.1	100.0000	0270.9	142.7	44.8