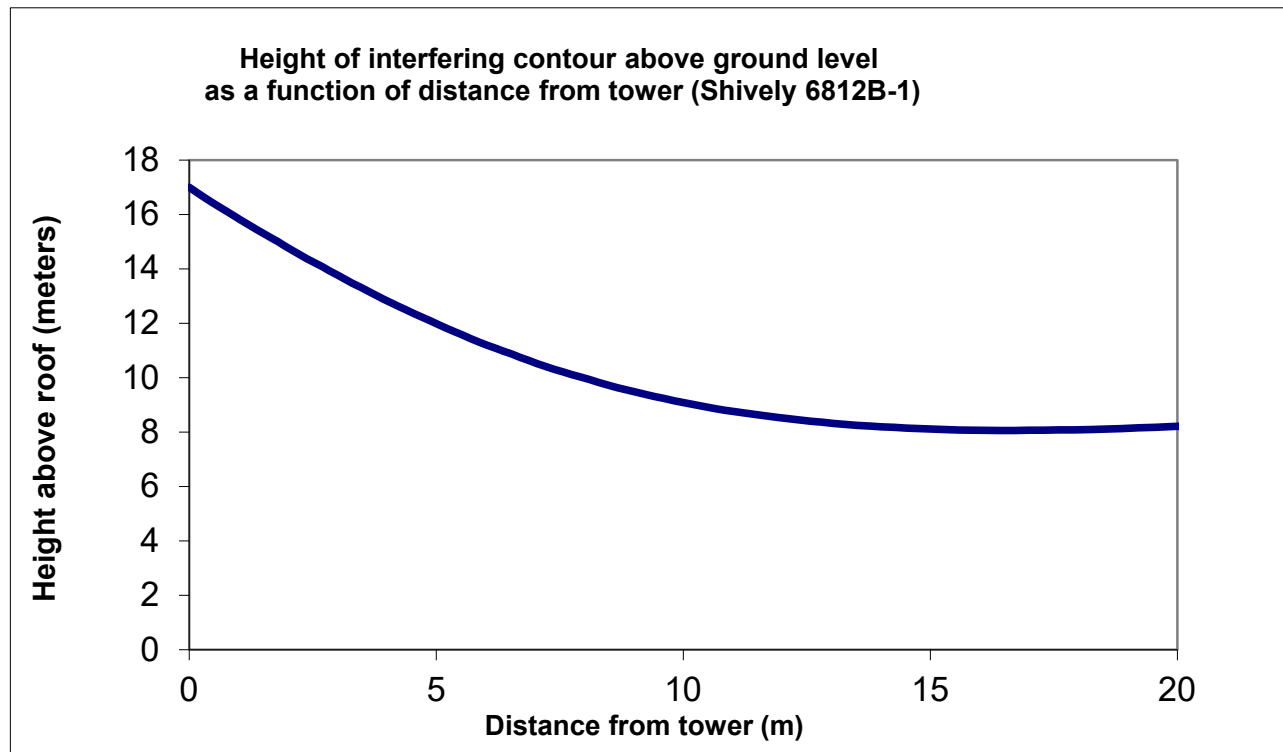


**Table 1****Minor Change to Licensed Facility KFDG-LP, Las Vegas, NV****Channel Study**

Chan	Class	Call Letters	Type	Status	City	State	Country	Owner	Distance (km)	Bearing TO (deg)	Req. Dist. (km)	Clearance (km)	Field Strength (dBu)	
238	C	KWNR	FM	L-L2C	HENDERSON	NV	US	CITICASTERS LICENSES, INC.	141.7	19.6	93	-73.4	92.0	(see note)
<b>240</b>	<b>L1</b>	<b>KFDG-LP</b>	<b>FL</b>	<b>L-L2C</b>	<b>LAS VEGAS</b>	<b>NV</b>	<b>US</b>	<b>IGLESIA CRISTIANA VOZ DE S</b>	<b>0.0</b>	<b>0.0</b>	<b>24</b>	<b>-24.0</b>		(applicant)
240	C	KZHK	FM	L-MOD	ST. GEORGE	UT	US	MARVIN KENT FRANDSEN	61.7	167.0	130	37.0		
242	C	KKLZ	FM	L-MOD	LAS VEGAS	NV	US	BEASLEY MEDIA GROUP LICEI	141.7	19.7	93	-73.3	92.5	(see note)

**NOTE:** KFDG-LP is short-spaced to 2nd adjacent channel facility KKLZ with a field strength of 92.5 dBu F(50,50) at the KFDG-LP site and also short spaced to 2nd adjacent channel facility KWNR with a field strength of 92.5 dBu F(50,50) at the KFDG-LP site. Since KWNR has the lowest field strength of the two short-spaced facilities, KWNR is the "worst case" to consider for potential interference received. Therefore the proposed interfering contour is the 132.0 dBu F(50,10) contour. KFGD-LP will continue to use a single bay Shively 6812-B antenna mounted at 17 meters AGL. At 100 watts ERP ("worst case"), the proposed 132.0 dBu F(50,10) contour will not extend more than 18 meters horizontally and will not reach down any closer than 8 meters AGL level at any distance from the tower. The tallest nearby structure is the 2-story building supporting the antenna and mast with a roof height of approximately 6.7 meters AGL which means that the interfering contour will remain at least 1.3 meters above the roof level. Therefore, the interfering contour does not contain any structures or population. Therefore this proposal is compliant with the waiver allowance of Rule 73.807(e)(1).





KFDG-LP - LAS VEGAS, NV - Minor Modification of a Licensed Facility  
IGLESIA CRISTIANA VOZ DE SALVACION

Figure 1

2nd adjacent channel study with respect to KWNR.  
KWNR field strength: 92.0 dBu F(50,50).  
Proposed interference area does not impact any occupied structures.

Robert J. Robbins, Ph.D.  
www.radiodataservices.com  
radiodataservices@radiodataservices.com  
(305) 234-9309

## Radiofrequency Electromagnetic Exposure Analysis

Source	Height AGL(m)	Antenna type	Bays	Horizontal ERP (kw)	Vertical ERP (kw)	Power Density $\mu\text{W}/\text{cm}^2$ at 2 meters AGL				
						within 10 meters distance	% controlled environment limit (1000 $\mu\text{W}/\text{cm}^2$ )	Max. PD beyond 10 m	% uncontrolled environment limit (200 $\mu\text{W}/\text{cm}^2$ )	Distance to maximum PD (m)
KFDG-LP (proposed)	17	SHIVELY 6812B	1	0.10	0.10	5.2	0.52%	6.4	3.2%	15.6
						5.2	<b>0.52%</b>	6.4	<b>3.2%</b>	15.6

The proposed facility is excluded from environmental processing under 47. C.F.R. Section 1.1306 (i.e., The facility will not have a significant environmental impact and complies with the maximum permissible radiofrequency electromagnetic exposure limits for controlled and uncontrolled environments).

Calculations made using FCC FMModel