



0 10 Kilometers

Figure 1



Table 1**K214EY Minor Change to Licensed Facility August 2012
Channel Study**

Chan	Class	Call Letters	Type	Status	City	State	Country	Owner	Distance (km)	Bearing TO (deg)	Req. Dist. (km)	Clearance (km)
213	D	K213EC	FX	LIC	BULLHEAD CITY, ETC	AZ	US	FAITH COMMUNICATIONS CORPORA	49.3	92.4	20.0	29.3
213	C	KSOS	FM	LIC	LAS VEGAS	NV	US	FAITH COMMUNICATIONS CORPORA	86.2	16.9	48.5	37.7
214	D	K214EY	FX	LIC	HALLORAN SPRINGS	CA	US	ONDAS DE VIDA, INC.	7.5	333.1	52.8	-45.2
214	A	NEW	FM	CP MOD	NEEDLES	CA	US	CENTRO CRISTIANO VIDA ABUNDAN	70.9	124.5	47.9	23.0
216	C1	KVKL	FM	LIC	LAS VEGAS	NV	US	SOUTHERN NEVADA EDUCATIONAL I	40.2	1.5	36.4	3.8
268	D	NEW	FX	APP	CALNEVAIR	NV	US	DONALD F. HENDREN	48.5	91.7	0.0	48.5
268	B	KIXF	FM	LIC	BAKER	CA	US	KHWY, INC.	60.9	288.2	15.0	45.9

(See Figure 2)

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	% uncontrolled environment limit (200 $\mu\text{W}/\text{cm}^2$)	Distance to maximum PD (m)
PROPOSED	9	SHIV 6812B	1	0.005	0.005	1.5	0.1%	1.5	0.7%	7.2
						1.5	0.1%	1.5	0.7%	7.2

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 Equation 10 from OET Bulletin 65 and elevation pattern provided by antenna manufacturer