

Figure 1

K212GC - POMONA, CA -Minor Modification of a Licensed Facility
 ONDAS DE VIDA, INC.

Minor change showing.
 Co-channel study with respect to K212FA.

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

Table 1 K212GC Minor Change to Licensed Facility March 2020

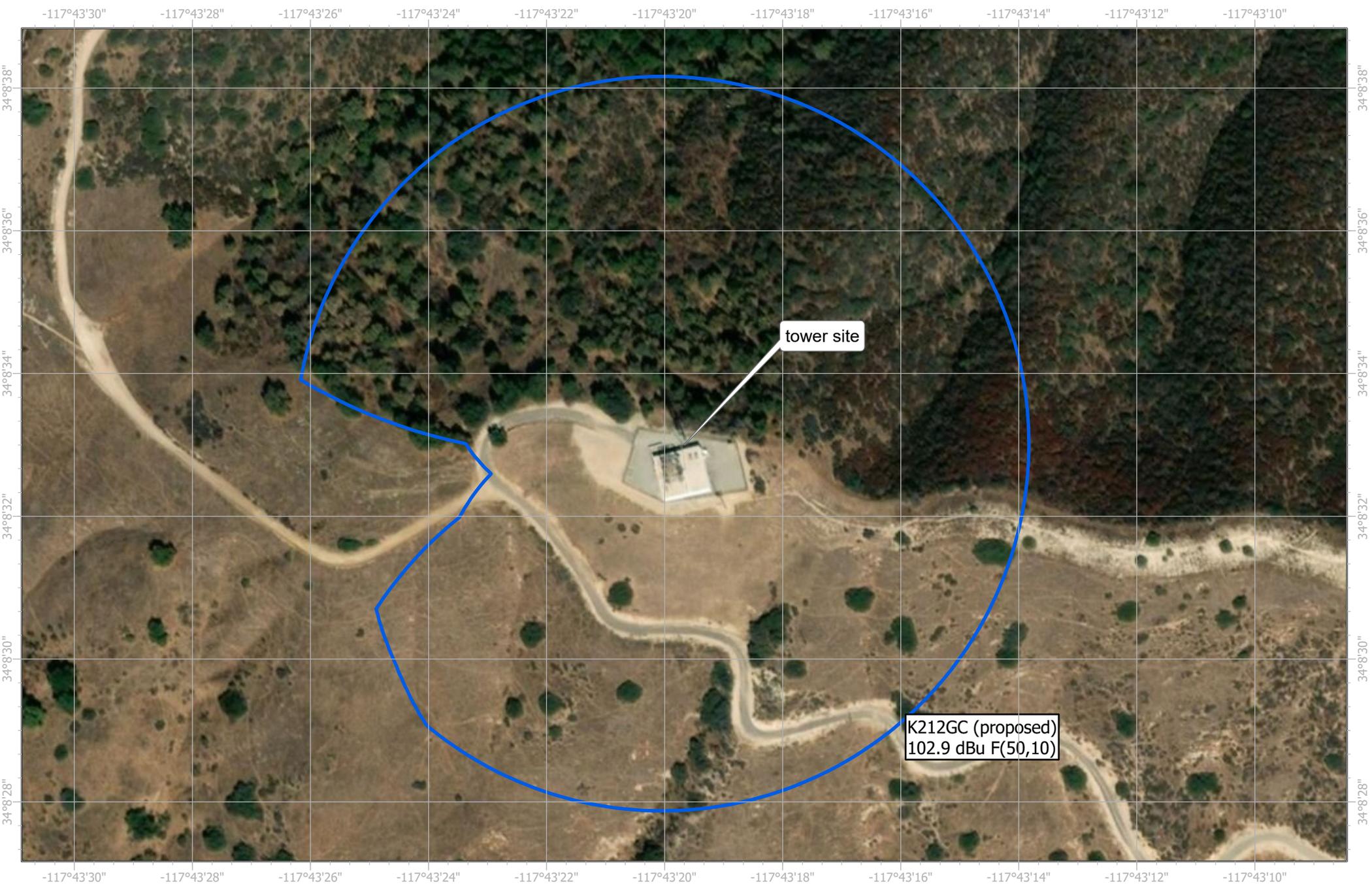
Channel Study

Chan	Class	Call Letters	Type	Status	City	State	Country	Owner	Bearing TO (deg)	Distance (km)	Req. Dist. (km)	Clearance (km)	Field Strength (dBu)	
209	A	KSGN	FM	L-L2C	RIVERSIDE	CA	US	GOOD NEWS RADIO	81.2	40.5	46.5	-6.0	62.9	See NOTE
210	B	KCRW	FM	L-L2C	SANTA MONICA	CA	US	SANTA MONICA COMMUNITY	267.8	61.7	47.7	14.0		
211	D	KSAK	FM	L-L2C	WALNUT	CA	US	MOUNT SAN ANTONIO COMM	233.2	19.3	18.4	0.9		
211	D	K211DK	FX	L-L2C	SANTA ANA	CA	US	THE ASSOCIATION FOR COMM	166.7	39.5	18.9	20.6		
211	D	KBPK	FM	L-L2C	BUENA PARK	CA	US	BUENA PARK SCHOOL DISTRI	220.8	41.5	20.2	21.2		
211	B	KLRD	FM	L-AMD	YUCAIPA	CA	US	EDUCATIONAL MEDIA FOUN	96.4	76.8	68.7	8.0		
212	D	K212GC	FX	L-L2C	POMONA	CA	US	ONDAS DE VIDA, INC.	0.0	0.0	21.1	-21.1		(applicant)
212	D	K212FA	FX	L-L2C	TEMPLE CITY	CA	US	COMMON COMMUNICATIONS	284.2	32.3	22.1	10.2		
212	L1	KLIE-LP	FL	L-L2C	FOUNTAIN VALLEY,	CA	US	INTERNATIONAL CRUSADE OI	199.8	59.4	45.2	14.2		
212	D	K212EK	FX	L-L2C	VICTORVILLE	CA	US	CALVARY CHAPEL OF TWIN F.	37.3	65.5	22.8	42.7		
212	D	KMRO-FM3	FB	C-MOD	CAMARILLO	CA	US	THE ASSOCIATION FOR COMM	278.8	85.4	38.8	46.6		
214	B	KPFK	FM	L-MOD	LOS ANGELES	CA	US	PACIFICA FOUNDATION, INC.	286.9	33.3	101.7	-68.5	88.9	See NOTE

NOTE:

(with respect to KSGN) 3rd adjacent KSGN has a field strength of 62.9 dBu F(50,50) at the proposed K212GC site. Therefore K212GC's interfering contour is the 102.9 dBu F(50,10) contour. K212GC's 102.9 dBu F(50,10) interfering contour does not contain any structures or population. Therefore this proposal is compliant with the allowance of Rule 74.1204(d).

(with respect to KPFK) 2nd adjacent KPFK has a field strength of 88.9 dBu F(50,50) at the proposed K212GC site. Since this field strength is greater than that of KSGN (mentioned above) any potential to KSGN is a "worst-case" potential relative to KPFK which has higher field strength. Therefore this proposal is compliant with the allowance of Rule 74.1204(d).



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Figure 2

3rd adjacent channel study with respect to KSGN.
KSGN field strength: 62.9 dBu F(50,50).
Proposed interference area does not impact any occupied structures.

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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	Distance to maximum PD (m)
PROPOSED	20	JAMPRO JLLP	1	0.010	0.010	0.3	0.03%	0.5	0.23%	18
						0.3	0.03%	0.5	0.23%	18

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