

PROPOSED:
Service: FX
34 8 33 N
117 43 20 W
Ch.212D (90.3 MHz)
ERP: 0.009 kW
Ant.: OMNI
Hgt.AGL: 20 m
Hgt.AMSL: 685.7 m
HAAT: -6.2 m
Max.HAAT12: 410.6 m
DEM: FCC-30
ASR: 1026311

K212GC PROP
Ch.212D 90.3MHz
60 dBu F(50,50)

K212GC PROP
Ch.212D 90.3MHz
40 dBu F(50,10)

K212GC MOD
Ch.212D 90.3MHz
60 dBu F(50,50)

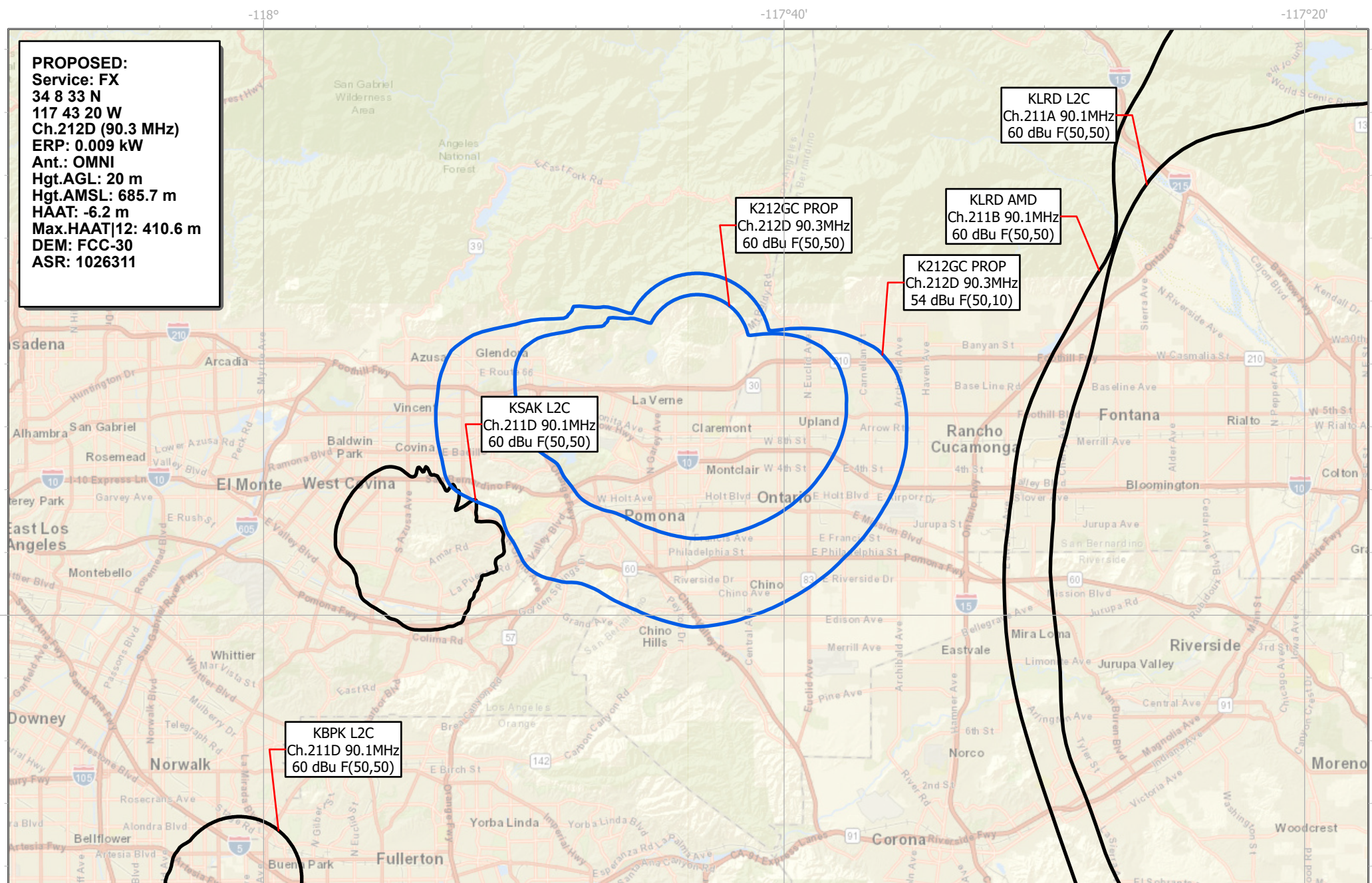
K212GC L2C
Ch.212D 90.3MHz
60 dBu F(50,50)

K212GC POMONA, CA Proposed Channel 212D (90.3 MHz)
ONDAS DE VIDA, INC. - MINOR MODIFICATION OF CONSTRUCTION PERMIT

Co-channel and minor change showing.

0 4 8 16 Kilometers **Figure 1**

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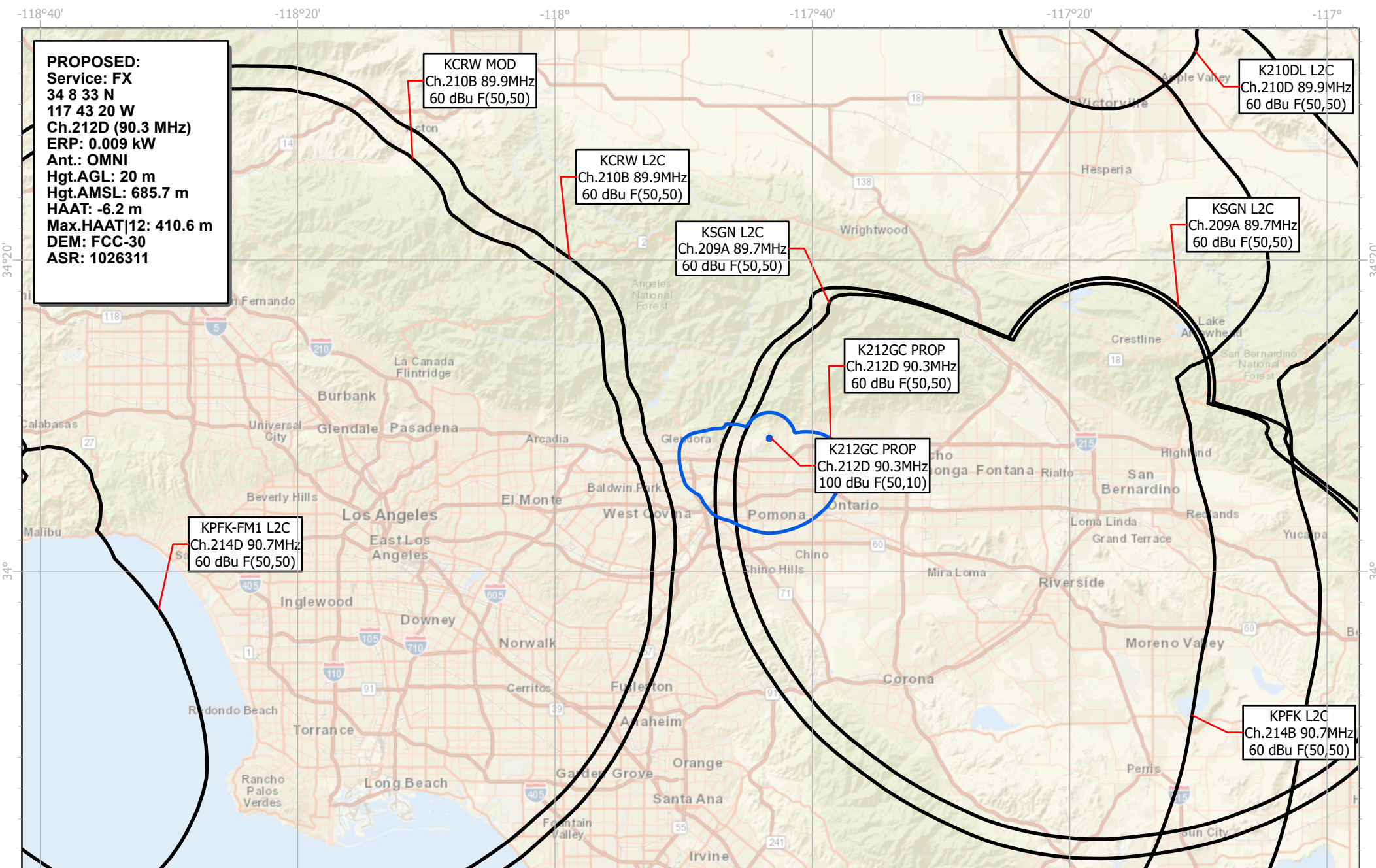


K212GC POMONA, CA Proposed Channel 212D (90.3 MHz)
 ONDAS DE VIDA, INC. - MINOR MODIFICATION OF CONSTRUCTION PERMIT

1st adjacent-channel showing.

0 3.75 7.5 15 Kilometers **Figure 2**

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K212GC POMONA, CA Proposed Channel 212D (90.3 MHz)
 ONDAS DE VIDA, INC. - MINOR MODIFICATION OF CONSTRUCTION PERMIT

2nd and 3rd adjacent-channel showing.

0 5 10 20 Kilometers

Figure 3

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Table 1 - 74.1204(a) Channel Study**K212GC POMONA, CA - ONDAS DE VIDA, INC.****MINOR MODIFICATION OF CONSTRUCTION PERMIT August 2020 (Ch.212D proposed)**

Chan	Class	Call Letters	Type	Status	City	State	Country	Owner	Distance (km)	Bearing TO (deg)	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 COMM	267.8	61.7	47.8	13.9		
211	D	KSAK	FM	L-L2C	WALNUT	CA	US	MOUNT SAN ANTONIC	233.2	19.3	18.6	0.7		
211	D	K211DK	FX	L-L2C	SANTA ANA	CA	US	THE ASSOCIATION FOF	166.7	39.5	18.3	21.2		
211	D	KBPK	FM	L-L2C	BUENA PARK	CA	US	BUENA PARK SCHOOL	220.8	41.5	19.7	21.7		
211	B	KLRD	FM	L-AMD	YUCAIPA	CA	US	EDUCATIONAL MEDIA	96.4	76.8	68.4	8.3		
212	D	K212GC	FX	C-MOD	POMONA	CA	US	ONDAS DE VIDA, INC.	0.0		21.5	-21.5		(applicant)
212	D	K212GC	FX	L-L2C	POMONA	CA	US	ONDAS DE VIDA, INC.	0.0		20.9	-20.9		(applicant)
212	L1	KLIE-LP	FL	L-L2C	FOUNTAIN VALLEY,	CA	US	INTERNATIONAL CRUS	199.8	59.4	44.1	15.3		
212	D	K212EK	FX	L-L2C	VICTORVILLE	CA	US	CALVARY CHAPEL OF T	37.3	65.5	22.5	43.0		
212	D	KMRO-FM	FB	C-MOD	CAMARILLO	CA	US	THE ASSOCIATION FOF	278.8	85.4	38.7	46.7		
214	B	KPFK	FM	L-MOD	LOS ANGELES	CA	US	PACIFICA FOUNDATIOI	286.9	33.3	101.7	-68.5	88.9	(See NOTE)

Terrain data DEM: FCC-30

NOTE: Third adjacent-channel waiver showing with respect to KSGN.

Third adjacent KSGN has a field strength of 62.9 dBu at the proposed K212GC site. Therefore the proposed translator's interfering contour is the 103 dBu F(50,10) contour. At 9 watts ERP and with the antenna mounted at 20 meters AGL the proposed translator's 103 dBu F(50,10) extends 151 meters horizontally from the tower and will not contain any structures or population (See Figure 4). Therefore this proposal is compliant with the allowance of Rule 74.1204(d).

K212FA

It is believed that K212FA was not constructed or returned to on air operation prior to 12:01 AM on August 16, 2020. Therefore, K212FA is subject to cancellation pursuant to Section 312(g) of the Communications Act, as amended.

PROPOSED:
Service: FX
34 8 33 N
117 43 20 W
Ch.212D (90.3 MHz)
ERP: 0.009 kW
Ant.: OMNI
Hgt.AGL: 20 m
Hgt.AMSL: 685.7 m
HAAT: -6.2 m
Max.HAAT|12: 410.6 m
DEM: FCC-30
ASR: 1026311

K212GC PROP
Ch.212D 90.3MHz
102.88 dBu F(50,10)



K212GC POMONA, CA Proposed Channel 212D (90.3 MHz)
ONDAS DE VIDA, INC. - MINOR MODIFICATION OF CONSTRUCTION PERMIT

0 25 50 100 Meters

Figure 4

3rd adjacent-channel waiver showing with respect to KSGN.

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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	0.009	0.009	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