



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.

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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 FOUND | 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 OF | 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 | KPFB | 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 KPFB) 2nd adjacent KPFB 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 KPFB 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