

FM Translator K202CT • Channel 202 • Santa Rosa, California

Proposed STA Interference Study

tvstudy v2.2.5 (EQtri2)

Database: localhost
 Station Data: CDBS FM 10/23/2017 (55)
 Study: KQED translator STA
 Model: Longley-Rice
 Scenario: STA IX
 Start: 2017.12.14 15:12:42

| Desired station | Service area | | Terrain-limited | | Interference-free | |
|---|--------------------|---------|---------------------|---------|-------------------|---------|
| Undesired station | Total interference | | Unique interference | | | |
| K201BV 201D FX LIC BENICIA-MARTINEZ, CA | 63.3 | 36,488 | 63.3 | 36,488 | 63.3 | 36,488 |
| K202CT 202D FX STA Santa Rosa, CA | 0.0 | 0 | 0.0 | 0 | 0 | 0 |
| KWTF 201A FM LIC BODEGA BAY, CA | 148.7 | 2,856 | 148.7 | 2,856 | 148.7 | 2,856 |
| K202CT 202D FX STA Santa Rosa, CA | 0.0 | 0 | 0.0 | 0 | 0 | 0 |
| KCPC 202A FM LIC CAMINO, CA | 609.9 | 48,100 | 537.7 | 33,829 | 537.7 | 33,829 |
| K202CT 202D FX STA Santa Rosa, CA | 0.0 | 0 | 0.0 | 0 | 0 | 0 |
| KDKL 202B FM LIC COALINGA, CA | 5201.8 | 16,788 | 3910.6 | 15,819 | 3910.6 | 15,819 |
| K202CT 202D FX STA Santa Rosa, CA | 0.0 | 0 | 0.0 | 0 | 0 | 0 |
| KECG 201D FM LIC EL CERRITO, CA | 55.5 | 88,629 | 55.5 | 88,629 | 55.5 | 88,629 |
| K202CT 202D FX STA Santa Rosa, CA | 0.0 | 0 | 0.0 | 0 | 0 | 0 |
| K201HR 201D FX LIC FORT BRAGG, CA | 389.2 | 14,770 | 389.2 | 14,770 | 389.2 | 14,770 |
| K202DA 202D FX LIC FORT JONES, CA | 113.0 | 1,207 | 108.9 | 1,179 | 108.9 | 1,179 |
| KGUA 202B1 FM LIC GUALALA, CA | 3711.3 | 6,106 | 3623.2 | 5,738 | 3623.2 | 5,738 |
| K202CT 202D FX STA Santa Rosa, CA | 0.0 | 0 | 0.0 | 0 | 0 | 0 |
| KORB 204A FM CP HOPLAND, CA | 1532.5 | 28,465 | 1344.6 | 15,668 | 1344.6 | 15,668 |
| K202CT 202D FX STA Santa Rosa, CA | 0.0 | 0 | 0.0 | 0 | 0 | 0 |
| K256BV 256D FX CP HOPLAND, CA | 1344.7 | 15,857 | 1208.7 | 13,768 | 1208.7 | 13,768 |
| KPFZ-FM 201B1 FM LIC LAKEPORT, CA | 2435.5 | 54,071 | 2260.0 | 53,928 | 2260.0 | 53,928 |
| K202CT 202D FX STA Santa Rosa, CA | 0.0 | 0 | 0.0 | 0 | 0 | 0 |
| KVUH 203B FM LIC LAYTONVILLE, CA | 7578.3 | 39,182 | 6647.2 | 34,872 | 6647.2 | 34,872 |
| KLVN 202B1 FM LIC LIVINGSTON, CA | 2843.2 | 462,192 | 2843.2 | 462,192 | 2843.2 | 462,192 |
| K202CT 202D FX STA Santa Rosa, CA | 0.0 | 0 | 0.0 | 0 | 0 | 0 |
| K201FW 201D FX LIC LOS GATOS, CA | 187.8 | 307,969 | 179.8 | 307,901 | 179.8 | 307,901 |
| KLVC 202B FM LIC MAGALIA, CA | 8294.8 | 279,085 | 7898.3 | 265,717 | 7898.3 | 265,717 |
| K202CT 202D FX STA Santa Rosa, CA | 0.0 | 0 | 0.0 | 0 | 0 | 0 |
| K202AP 202D FX LIC MCCLOUD, ETC., CA | 847.0 | 8,975 | 810.5 | 8,905 | 810.5 | 8,905 |
| K202CT 202D FX STA Santa Rosa, CA | 0.0 | 0 | 0.0 | 0 | 0 | 0 |
| K201IH 201D FX LIC NAPA, CA | 122.7 | 77,601 | 122.7 | 77,601 | 122.7 | 77,601 |
| K202CT 202D FX STA Santa Rosa, CA | 0.0 | 0 | 0.0 | 0 | 0 | 0 |
| KSOL-FM3 255D FB LIC PLEASANTON, CA | 1304.7 | 792,006 | 1185.6 | 678,161 | 1185.6 | 678,161 |



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|--|---------|-----------|---------|-----------|---------|-----------|
| KEBR 201B FM LIC SACRAMENTO, CA | 7467.5 | 2,190,567 | 7459.6 | 2,190,490 | 7459.6 | 2,190,490 |
| K202CT 202D FX STA Santa Rosa, CA | 0.0 | | 0 | 0.0 | 0 | |
| KBQS-LP 255L1 FL CP SACRAMENTO, CA | 68.4 | 66,549 | 68.4 | 66,549 | 68.4 | 66,549 |
| KQED-FM 203B FM LIC SAN FRANCISCO, CA | 20210.0 | 6,624,187 | 18364.6 | 6,255,413 | 18364.6 | 6,255,413 |
| K202CT 202D FX STA Santa Rosa, CA | 0.0 | | 0 | 0.0 | 0 | |
| KSOL 255B FM LIC SAN FRANCISCO, CA | 13609.8 | 5,407,022 | 12524.6 | 5,084,600 | 12524.6 | 5,084,600 |
| KSRH 201D FM LIC SAN RAFAEL, CA | 27.7 | 42,128 | 27.7 | 42,128 | 27.7 | 42,128 |
| K202CT 202D FX STA Santa Rosa, CA | 0.0 | | 0 | 0.0 | 0 | |
| K205BM 205D FX CP SAN RAFAEL, ETC., CA | 844.5 | 1,462,318 | 816.7 | 1,404,772 | 816.7 | 1,404,772 |
| K256DA 256D FX LIC SANTA ROSA, CA | 282.1 | 184,229 | 278.0 | 183,638 | 278.0 | 183,638 |
| KSOL-FM2 255D FB LIC SAUSALITO, ETC., CA | 300.9 | 170,394 | 285.1 | 165,912 | 285.1 | 165,912 |
| KXJS 204A FM LIC SUTTER, CA | 1474.7 | 14,708 | 1474.7 | 14,708 | 1474.7 | 14,708 |
| KARA 256B1 FM LIC WILLIAMS, CA | 6640.8 | 243,424 | 6632.8 | 243,311 | 6632.8 | 243,311 |
| KYSA 202C3 FM CP SPARKS, NV | 5753.9 | 510,690 | 4199.4 | 440,983 | 4199.4 | 440,983 |
| K202CT 202D FX STA Santa Rosa, CA | 0.0 | | 0 | 0.0 | 0 | |

