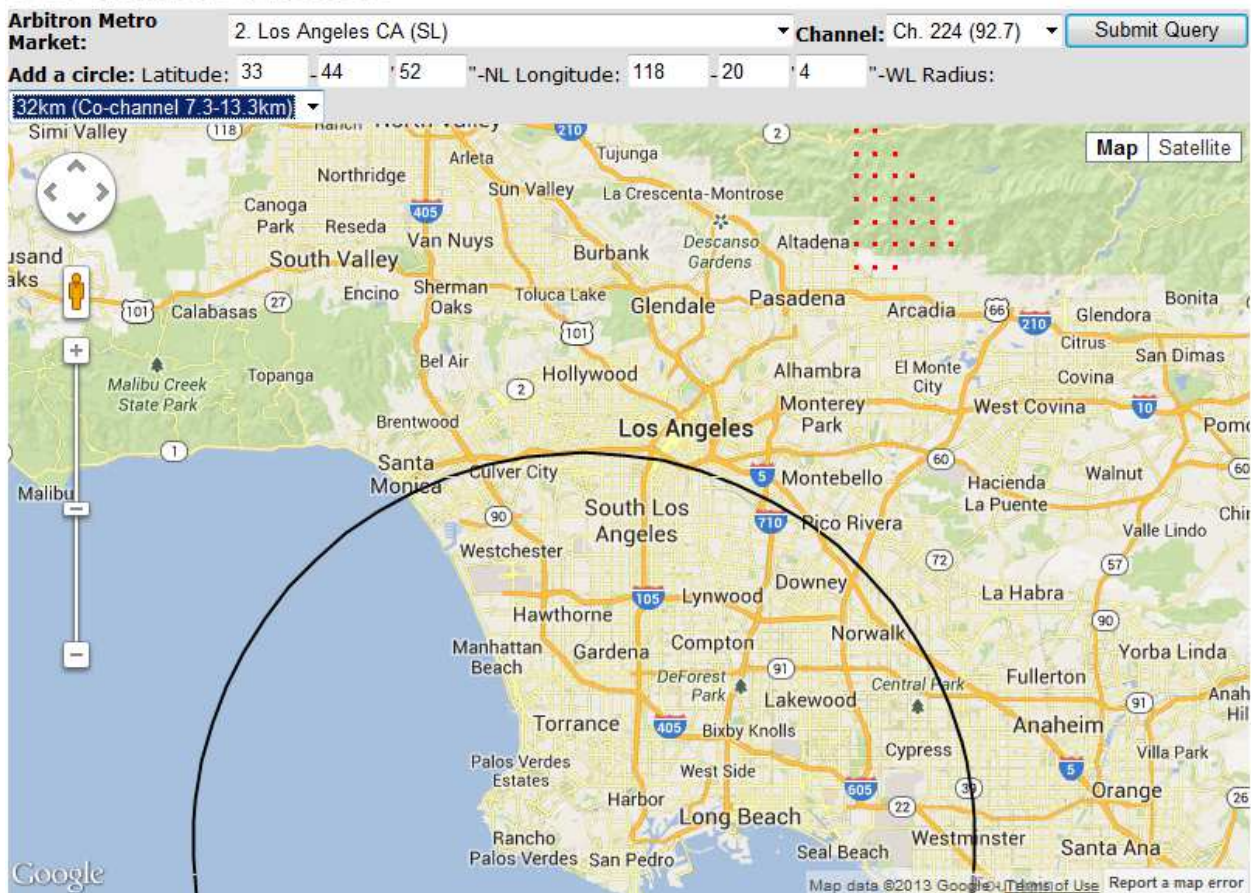


LPFM Preclusion Study
San Marino, CA 224
July 21, 2013

Grid Preclusion Showing for San Marino, CA:

Since the applicant is within the grid of the Spectrum Limited Los Angeles market, a preclusion study is required. To resolve the MX situation the applicant proposes moving this translator application south and west of the previously proposed site. At the newly proposed site the maximum contour distance is 11.9 km which is between 7.3 km and 13.3 km. Therefore, the applicant must be further away than 32 km from co-channel grid points and 15 km for first adjacent grid points. The closest grid point on channel 224 is further away than 32 km. There are not any grid points on adjacent channels 223 and 225. Therefore, the applicant is fully spaced from all grid points. Please see map below showing the 32 km circle around the proposed site is away from all LPFM grid points in the Los Angeles market.

LPFM Channel/Point Viewer



When running the grid tool centered at the proposed transmitter site, there is not any availability for LPFM stations at the transmitter site on co-channel 224 or adjacent channels 223 or 225. Therefore, this proposal does not preclude LPFM opportunities. Please see printout below from the FCC's grid tool showing no availability on 223, 224 or 225:

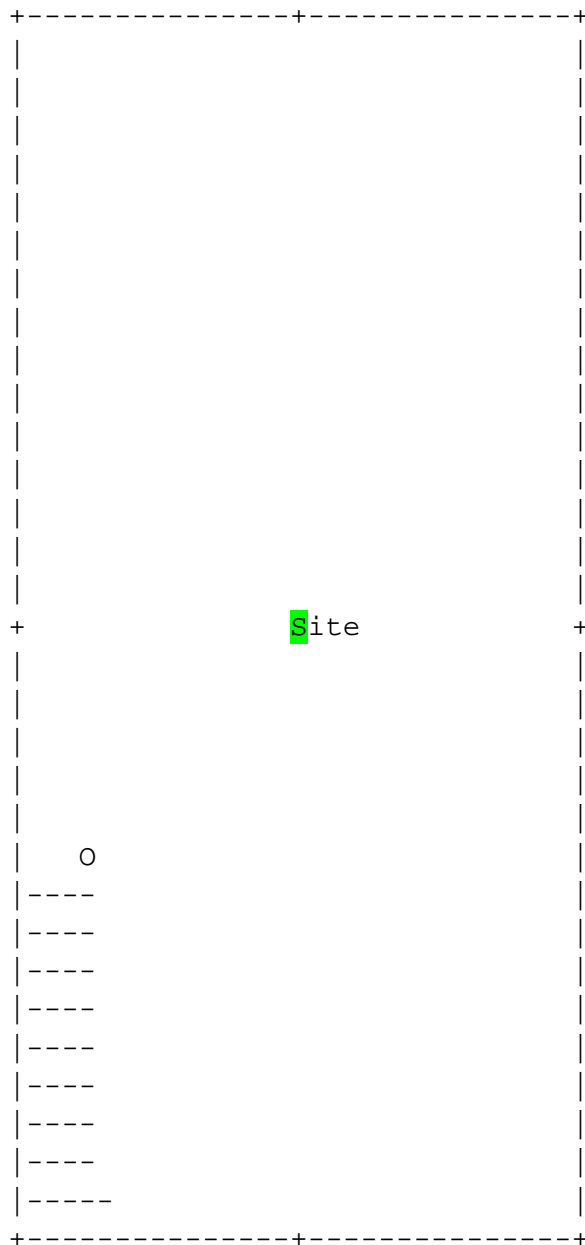
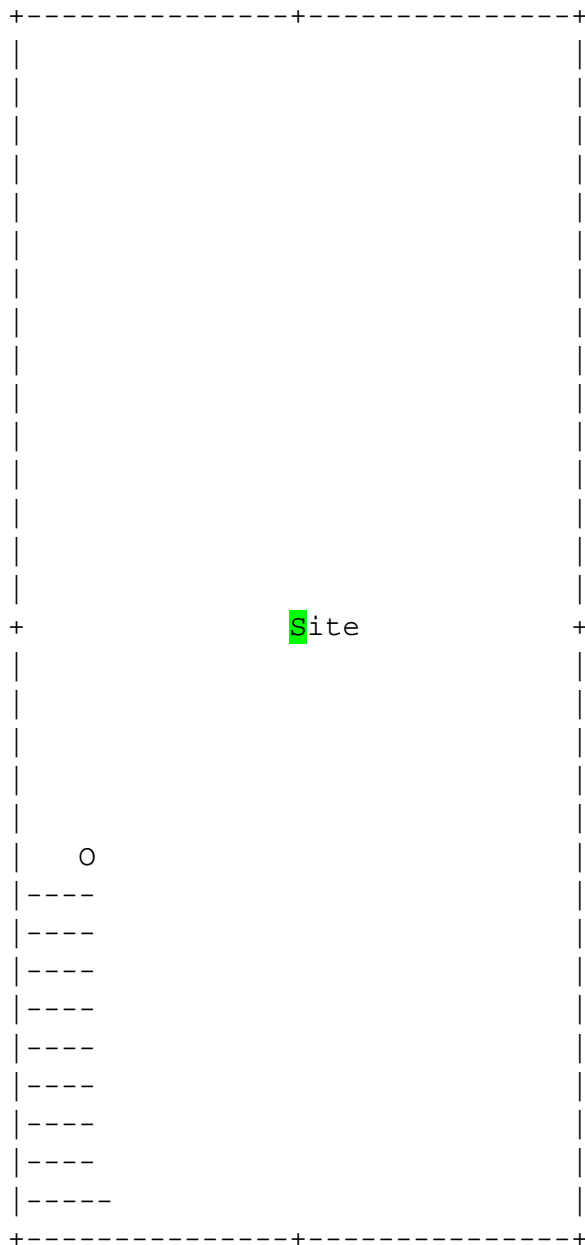
Auc83 FX App Records Not Protected

[illegible]

Total 4387

San Marino, CA
Latitude 33-44-52
Longitude 118-20-14
Least preclusive siting
Availability of Channel 224 (X)

San Marino, CA
Latitude 33-44-52
Longitude 118-20-14
Most preclusive siting
Availability of Channel 224 (X)



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