

ThirdCoastActivist.org

Third Coast Activist Resource Center

5604 Manor Road, Austin, TX 78723

Exhibit 11

Application requests a waiver for a location which is short-spaced on a second-adjacent channel with BLH19980225KD, callsign KAMX, class C0, status LIC, LULING, TX, channel 234, facility ID 48651[3]

Undesired-to-Desired Ratio Method

BLH19980225KD f(50,50) signal:	100.7 dBu [1][2]
Second-adjacent protection:	+ 40 dB
Interference-zone boundary:	140.7 dBu
Distance to 140.7 dBu:	6 m (HAAT = 30 m, ERP <= 0.1 kW) [1]

With the proposed antenna radiation center located 27 meters above the ground, the interference zone clears the ground by 21 meters and remains well above the 6-meter-tall single-story ground-level industrial building which is 5 meters from the base of the antenna; and clears major roadways. No population will be subject to interference from the proposed station according to the undesired-to-desired ratio method.

[1] tvfmfs_metric() C-language subroutine as distributed by the FCC. At distances less than or equal to 1.5 km, tvfmfs_metric() uses the free-space method.

[2] FCC HAAT Calculator web page,
http://transition.fcc.gov/mb/audio/bickel/haat_calculator.html

[3] CDBS database downloaded 2013-10-18 07:44:44

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