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ENGINEERING REPORT

K213CS, Fort Worth, TX, Minor Change, 213D

ENGINEERING STATEMENT

All required protections are met by contour non-overlap pursuant to Section 74.1204, with the exception of protection to Dallas stations KERA 211C0 and KCBI 215C. KERA and KCBI are protected, as discussed below.

PROTECTION TO KERA AND KCBI

KERA 211C0 and KCBI 215C are second adjacent-channel stations to the proposed channel 213D facility. The 60 dBu F50,50 service contour for both KERA and KCBI extends beyond the 213D transmitter site. Using the well-established *Living Way Ministries* Methodology, no actual interference to any population is predicted to exist to KERA or KCBI.

Note that a rule waiver of Section 74.1204 for this second/third adjacent-channel protection using the well-established *Living Way Ministries* Methodology is respectfully requested if such a rule waiver is deemed necessary for protection to any station.

The F50,50 signal strength from KERA at the proposed 213D transmitter site is greater than 65 dBu (the “desired” signal of KERA). The F50,50 signal strength from KCBI at the proposed 213D transmitter site is greater than 67 dBu (the “desired” signal of KCBI). The second/third adjacent-channel protection of Section 74.1204 is an undesired-to-desired (“U/D”) dB signal strength ratio of 40:1. Therefore, predicted interference to KERA and KCBI from the proposed 213D facility is a signal of greater than or equal to 105 dBu.

The 105 dBu signal based on a free space field determination is shown on the attached aerial photo of the proposed 213D transmitter site. There are no major roads or buildings located inside of the 105 dBu contour. Therefore, pursuant to Section 74.1204(d) of the FCC Rules, KERA and KCBI are adequately protected by the proposed facility.