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ENGINEERING REPORT

KRWN, Farmington, NM, Channel 223C1 FM Application

EXHIBIT 34 –ENGINEERING STATEMENT REGARDING SECTION 73.215

The proposed transmitter site is short-spaced to the transmitter site of KDUR channel 220A (short by 3.25 km) that operates three channels below that of the proposed KRWN 223C1 facility. The Applicant respectfully requests that the contour protection procedures of Section 73.215 be used to determine protection to this short-spaced facility. As demonstrated by Figure E34-1, attached, KDUR is protected pursuant to Section 73.215 of the FCC Rules. (Note that although KDUR is a reserved band FM station, as a worse-case analysis, maximum Class A facilities as determined pursuant to Section 73.215 for existing FM stations is used for the protection and interfering contours of KDUR.)

Each service and interference contour of the short-spacing study has been determined at one-degree intervals for 360 degrees based on the requirements outlined in Section 73.215 of the FCC Rules. USGS 3 arc-second data have been used.

FIGURE E34-1: 73.215 STUDY TO KDUR 220A (USING MAX FACILITIES FOR KDUR)

