IDENTIFICATION OF THE [9.1] $^2\Pi_{3/2}$ - X $^2\Pi_{3/2}$ TRANSITION OF NICKEL CHLORIDE

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The near infrared system of NiCl at 9,100 cm^{-1}has been recorded and identified as the [9.1] $^2\Pi_{3/2}$ - X $^2\Pi_{3/2}$ transition of NiCl. Molecular constants for the new [9.1] $^2\Pi_{3/2}$ state will be reported. A comparison of the known energy levels for nickel halides will be presented.