## INTRACAVITY LASER ABSORPTION SPECTROSCOPY OF NICKEL FLUORIDE IN THE NEAR INFRARED

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The (1,0) band of the [11.1]  ${}^{2}\Pi_{3/2}$  - X  ${}^{2}\Pi_{3/2}$  transition of NiF has been recorded using intracavity laser absorption spectroscopy. The analysis was straight-forward and based on the known  $\Delta_2 F$  values determined from microwave spectroscopy. Results of the analysis will be presented. The gas phase NiF molecules were produced using a nickel-lined hollow cathode in an argon-based electric discharge with a small amount of SF<sub>6</sub>.