

A Spectral Line Survey of Orion-KL from 124.5 to 138.3 GHz

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We present a spectral line survey of the high-mass star-forming region Orion-KL in the frequency range 124.5--138.3 GHz. The survey was performed with the 14 m radio telescope at Taeduk Radio Astronomy Observatory (TRAO). Typical sensitivities achieved were $T_A^* \sim 0.03 - 0.05$ K, peak-to-peak.

Approximately 125 spectral lines were detected, including about 56 unidentified features at present.

The whole interstellar lines in the observed band are tabulated and displayed graphically.