## Uncertainty Principles for The Quaternion Linear Canonical Transform

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The (right-sided) Quaternion Linear Canonical transform (QLCT) satisfies some uncertainty principles in a similar way to the Euclidean Fourier transform. The aim of this paper is to prove a quantitative uncertainty inequality about the essential supports of a nonzero function. We also extend signal recovery by using local uncertainty principle to the Quaternion Linear Canonical transform.