



PEXT

Polylingual Experimental Terminal

Wideband polylingual terminals use software defined radios to jump between government and commercial frequencies, enabling interoperability for missions requiring satellite relay communications services. These terminals could serve as a key risk reduction activity for the agency as NASA missions start to acquire their satellite communications services from industry. The first Ka-band wideband polylingual terminal flight demonstration, called the Polylingual Experimental Terminal, or PEXT, is set to launch no earlier than the summer of 2025.