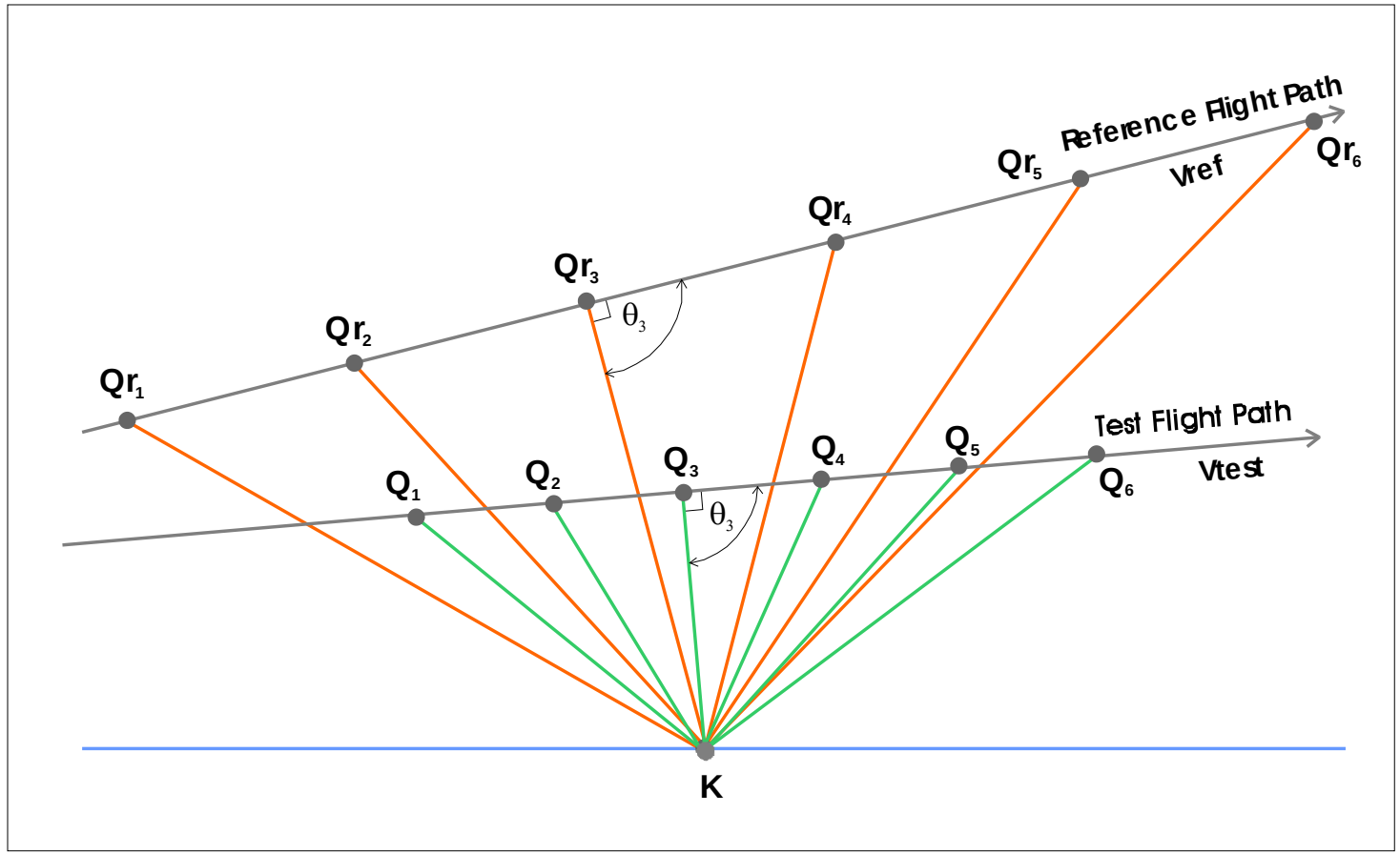Varying Reference Spectra Durations