UHF Array Experimental (UAX)
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460 MHz-Band
7 Element Array

Active FET mixer

One of four "dual receiver" subsystems

40 MSPS A/D & Fs/4
Digital Downconverter
Field experiments in positioning mobile radios using the 460 MHz FRS band

With about 10 dB S/N and 0.5 ms of data, estimates possible with $\sim 1^\circ$ RMS error and negligible bias.