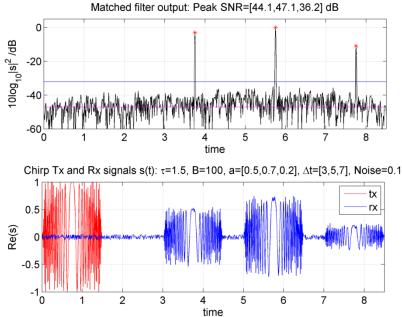
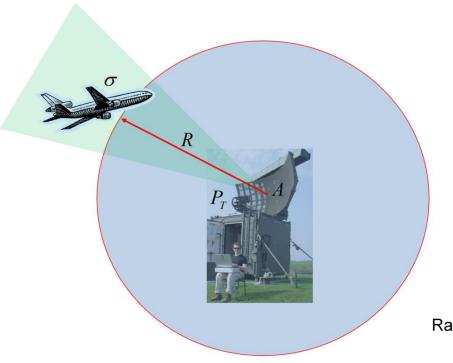


## RAdio Detection And Ranging





Radar Equation: P<sub>t</sub>=[10,50,100]kW,  $\sigma$ =20m², f<sub>c</sub>=3GHz, A=4m²  $\eta$ =0.5, E<sub>i</sub>=1, n=8,  $\tau$ =25.6 $\mu$ s, T<sub>0</sub>N<sub>f</sub>=500K, L=10dB.

