- . LFM1:
- . LFM2:



. the start frequency of the signal is f_{L1} , the end frequency of the signal is f_{H1} , the pulse width of the chirp signal is T_{1} . . the start frequency of the signal is f_{L2} , the end frequency of the signal is f_{H2} , the pulse width of the chirp signal is T_{2} .

> Use the Doppler generated by the target ,establish the delay relationship of LFM1 echo signal and LFM2 echo signal, solve the distance R.



 f_{H2} $T_2 f_{H1} - f_{L1}$