

Dynamic Range versus Sensitivity

Dynamic Range: The range in signal amplitude which the receive system can accommodate.

Sensitivity, or, Weak Signal Handling Limit: The weakest signal amplitude which the receive system can accommodate.

Strong Signal Handling Limit: The strongest signal amplitude which the receive system can accommodate.

A Receiver's Dynamic Range will be affected by additional gain compression from preceding stage(s) of amplification at its strongest signal amplitude limit, and by Noise Figure/Gain Cascading at its weakest signal amplitude limit.