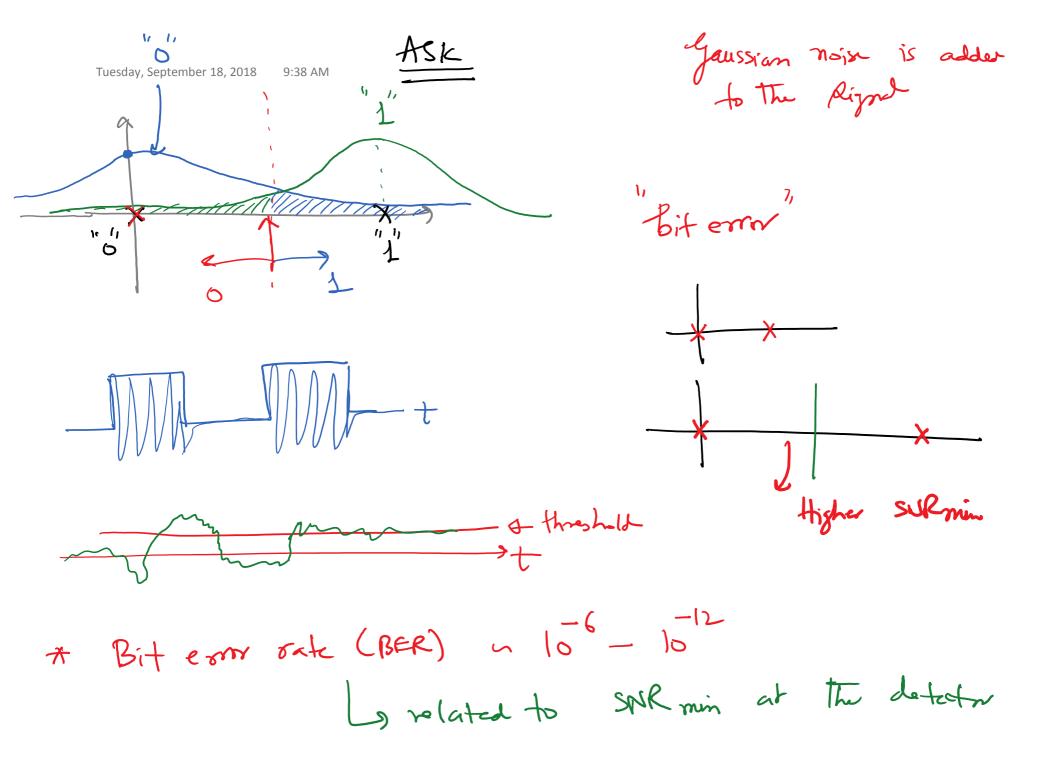
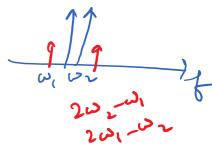
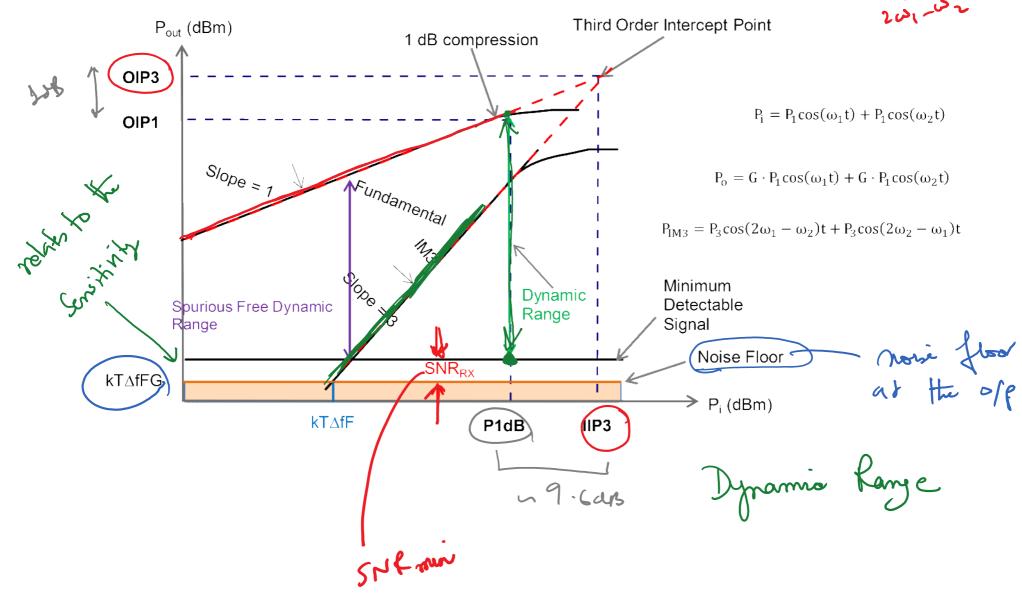
ECE 513- Lecture 9.

Tuesday, September 18, 2018 9:27 AM

Receiver Densitivity & minimum input signal fower that
the RX can detect (BER) Note floor at the RX Pseul= -174dBm + NFlag + 10log Dfl + SNRmin ldB RT NF of the overall BW to decode the F= fit f2-1 by Constellations Asu, Psu, Durm Noise floor at the RX in pur = RTOFF. with acceptable Noise floor at the RX output = kTOFF. a quality bower gain







Dynamic Rouge
Tuesday, September 18, 2018 10:02 AM

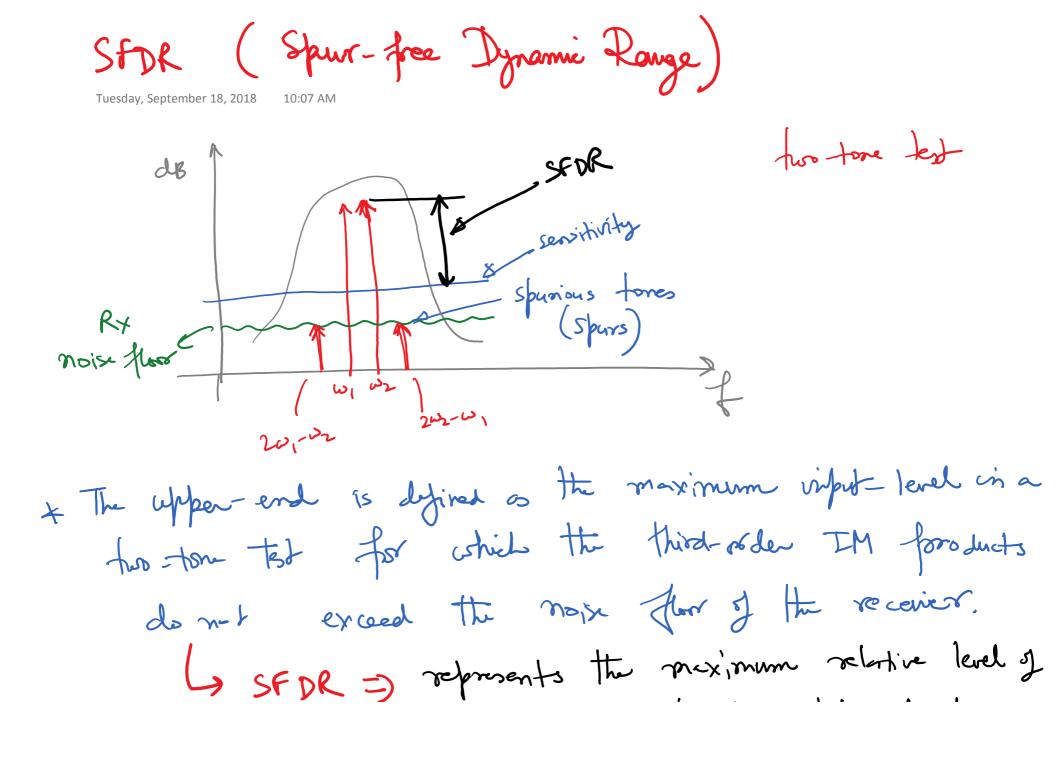
\* trosely defined as the maximum input level that a
Rx can "tolerate" divided by the minimum input level
that it can detect

Sensitivity

Sensitivity

Softman

Moint floor

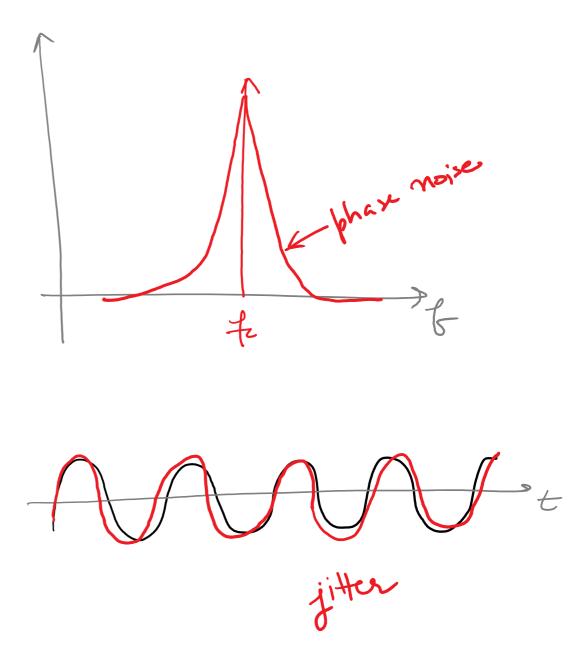


interference that a Rx can tolerate while producing acceptable signal quality from a small input level (servibility)

NF, 11B3, DR, SFDR, G, Sensitivity, BER

Phase Noise

to Silktor



Zeno-IF Rx

