E157 Lecture 19 Day Plan

Any questions before quiz

Quiz + Team Quiz + Talk through solution

What is distortion?

THD of common applications – 10% telephony, 5% video, 0.1% Digital RF PA, 0.001% Audiophiles

How to measure P-1dB – put in low input power, note gain, increase input power, watch for drop in gain

If I have an HD2 value, how many dBc is the second harmonic – 20log(HD2)

Check-in, office hours