

Special Problem 3.C-5

Search the web and find a **detailed** data (i.e., spec) sheet for **one** RF/microwave mixer made by a mixer manufacturer.

From this spec sheet, determine and write down **each** parameter of the mixer spec sheet that **I** distributed in class.

Make sure that each specification is provided in a **precise** and **unambiguous** way, using the units and **terminology** described in class.

You will find that most vendor spec sheets will **not** look exactly like the one we discussed in class. There are no "standards" involving the presentation of mixer specifications, so you may have to **work** to extract all the values from the vendor spec sheet—you may have to look at a data **plot** or perform a **calculation** involving other parameters.

If there is no way to infer/estimate/calculate a parameter from the vendor spec sheet, then use a **typical** value for that specification.

Submit both your answers **and the manufacturer spec sheet (!)** with your homework, and **mark** (highlight) the values/plots/data on the manufacturer's spec sheet that you used to complete your spec sheet.