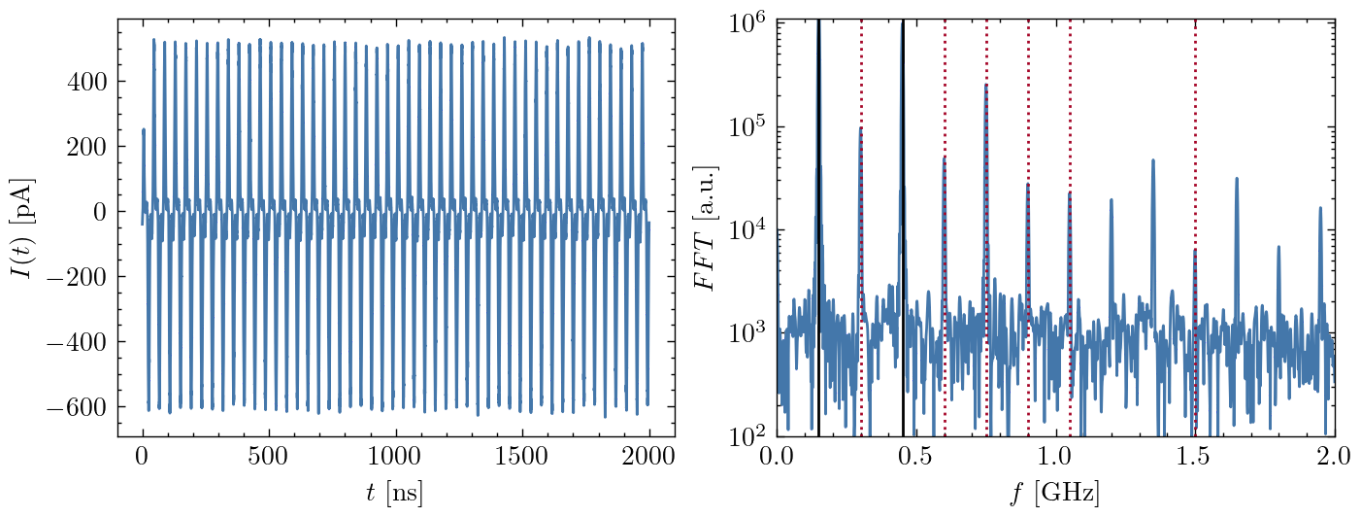


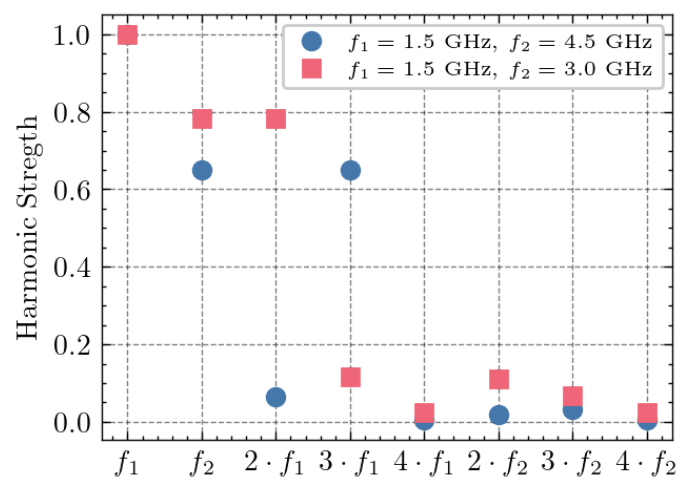
Frequency Doubling

When we input two cosine defined by f_1 and f_2 into the system measuring the output electrode electric current, we find all multiples of those frequencies:



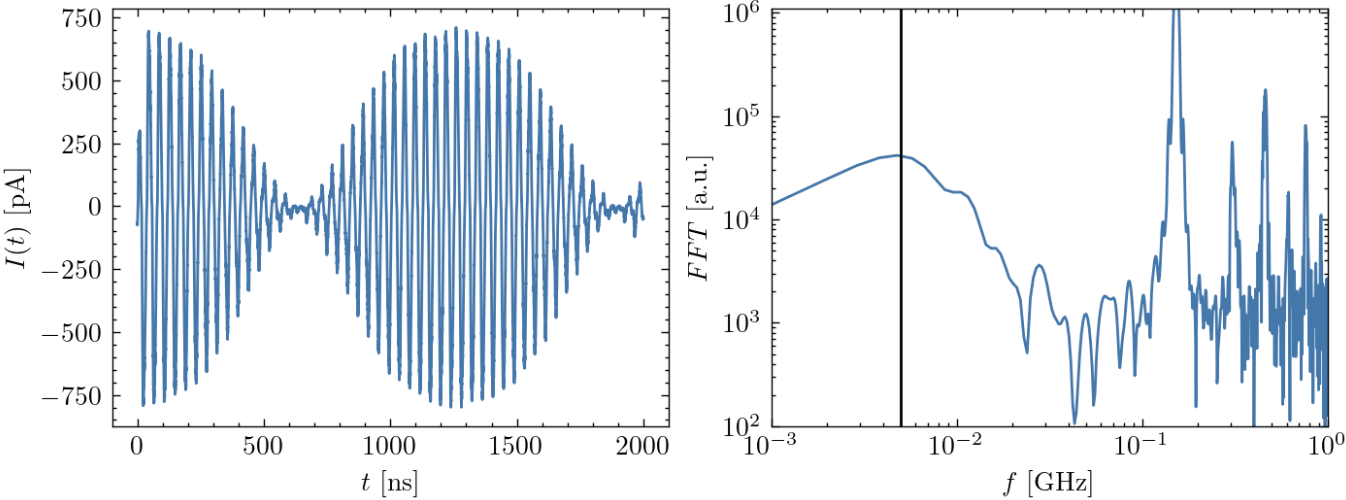
Title.

For $f_2 = 2 \cdot f_1$ we find intermodulation products:



Title.

while for f_2 close to f_1 we find beats



Title.