Iteration: 793, Voltages: [ 4991.36409137 -2949.317712 -1323.94391022 -3323.73784368], Cost: 0.02382

Traceback (most recent call last):

File "c:\Users\Alice1\Documents\Current\_Best\_Working\_optomizer\custom optimization from scratch 8-9-24.py", line 417, in <module>

writer.writerow(data)

File "c:\Users\Alice1\Documents\Current\_Best\_Working\_optomizer\custom optimization from scratch 8-9-24.py", line 395, in main

optimized\_voltages = epc\_optimizer.custom\_optimization(INITIAL\_VOLTAGES)

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

File "c:\Users\Alice1\Documents\Current\_Best\_Working\_optomizer\custom optimization from scratch 8-9-24.py", line 257, in custom\_optimization

perturbed\_cost\_up = self.compute\_cost(perturbed\_voltages\_up)

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

File "c:\Users\Alice1\Documents\Current\_Best\_Working\_optomizer\custom optimization from scratch 8-9-24.py", line 72, in compute\_cost

self.set\_epc\_feedback(voltages)

File "c:\Users\Alice1\Documents\Current\_Best\_Working\_optomizer\custom optimization from scratch 8-9-24.py", line 67, in set\_epc\_feedback

self.epc\_feedback\_session.query(f"V{i},{int(inp\_voltage)}")

File "C:\Users\Alice1\AppData\Local\Packages\PythonSoftwareFoundation.Python.3.11\_qbz5n2kfra8p0\LocalCache\local-packages\Python311\site-packages\pyvisa\resources\messagebased.py", line 647, in query

return self.read()

^^^^^^^^^^^

File "C:\Users\Alice1\AppData\Local\Packages\PythonSoftwareFoundation.Python.3.11\_qbz5n2kfra8p0\LocalCache\local-packages\Python311\site-packages\pyvisa\resources\messagebased.py", line 485, in read

message = self.\_read\_raw().decode(enco)

^^^^^^^^^^^^^^^^

File "C:\Users\Alice1\AppData\Local\Packages\PythonSoftwareFoundation.Python.3.11\_qbz5n2kfra8p0\LocalCache\local-packages\Python311\site-packages\pyvisa\resources\messagebased.py", line 441, in \_read\_raw

chunk, status = self.visalib.read(self.session, size)

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

File "C:\Users\Alice1\AppData\Local\Packages\PythonSoftwareFoundation.Python.3.11\_qbz5n2kfra8p0\LocalCache\local-packages\Python311\site-packages\pyvisa\ctwrapper\functions.py", line 2336, in read

ret = library.viRead(session, buffer, count, byref(return\_count))

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

File "C:\Users\Alice1\AppData\Local\Packages\PythonSoftwareFoundation.Python.3.11\_qbz5n2kfra8p0\LocalCache\local-packages\Python311\site-packages\pyvisa\ctwrapper\highlevel.py", line 226, in \_return\_handler

return self.handle\_return\_value(session, ret\_value) # type: ignore

^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^

File "C:\Users\Alice1\AppData\Local\Packages\PythonSoftwareFoundation.Python.3.11\_qbz5n2kfra8p0\LocalCache\local-packages\Python311\site-packages\pyvisa\highlevel.py", line 251, in handle\_return\_value

raise errors.VisaIOError(rv)

pyvisa.errors.VisaIOError: VI\_ERROR\_ASRL\_OVERRUN (-1073807252): An overrun error occurred during transfer. A character was not read from the hardware before the next character arrived.

PS C:\Users\Alice1\Documents\Current\_Best\_Working\_optomizer>