Problem:

The ZVA returns the incorrect number of points for a segmented sweep with the following SCPI query: [SENSe<Ch>:]SWEep:POINts?

Example:

Preset the instrument

In GPIB Explorer, query the number of sweep points in channel 1. The value returned should be 201. :SENS1:SWE:POIN?

Load the segmented sweep set file (SegmentedSweep.zvx on the ZVA, SegmentedSweep.znx on the ZNB for comparison)

Query the number of points via GPIB Explorer:

:SENS1:SWE:POIN?

This query should return 301 points. Instead, it still returns 201. It appears to be returning the number of points in the non-segmented sweep that existed before the segmented sweep was created.