

Step By Step - GEM Pressure Board Adjustment

Open Research Assistant and select the device corresponding to the GEM
Under the "Acquisition" drop down, select "Sample GEM MGA"

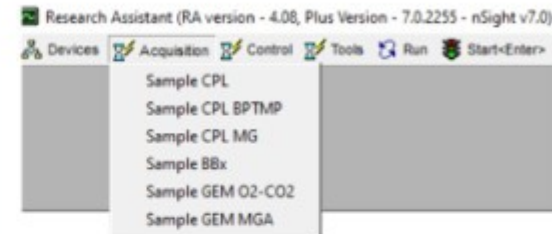
Verify that the GMFI signal is set to 0.00 ± 0.02 V

Verify that the GMLn signal is set to 0.00 ± 0.005 V

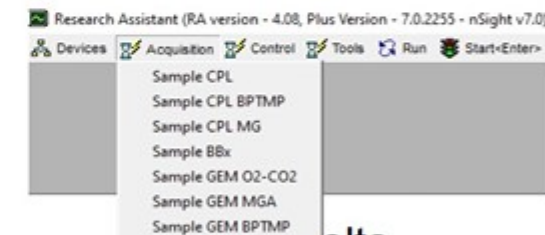
Under the "Acquisition" drop down, select "Sample GEM BPTMP"

Verify that the GMth signal is set to 0.00 ± 0.005

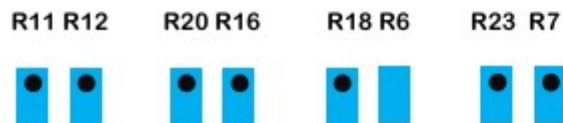
Verify that the GMBP signal is $1/100^{\text{th}}$ of the current barometric pressure
(i.e. 7.600 mmHg = 7.600 V)



	Channel ID	Channel Name	Current
Channel 1	8 (8h)	MGCO, GMCO	10.000
Channel 2	11 (Bh)	GMCH4	10.000
Channel 3	12 (Ch)	He1, GMCO2	-1.823
Channel 4	41 (29h)	BxFl, GMFI	-0.001
Channel 5	9 (9h)	BxPr, GMLn	0.001



	Channel ID	Channel Name	Current
Channel 1	57 (39h)	BxBP, GMBP	7.600
Channel 2	58 (3Ah)	GMTmp	-7.809
Channel 3	25 (19h)	BxMth, GMth	-0.001



R23 = GMth R18 = GMBP R20 = GMLn R11 = GMFL