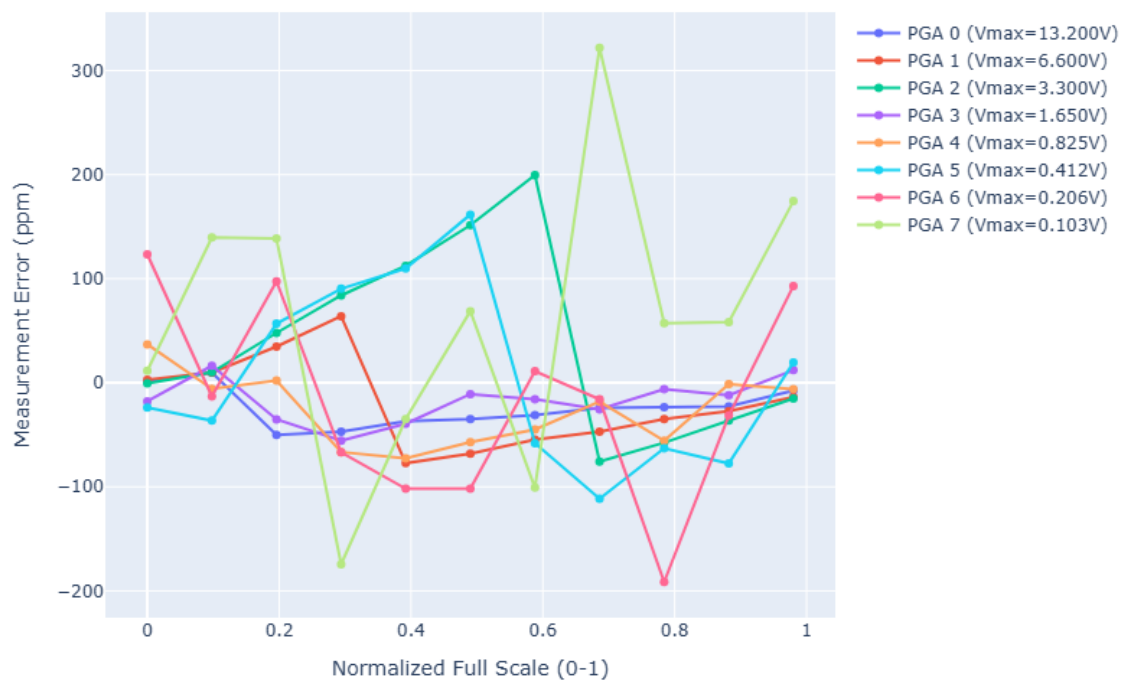


AMU Calibration Report

Parameter	Value
Hardware	AMU-ESP32 - 3.2
Firmware	amu-git:389e072
AMU Serial	0x7C2CF623B3E4
I2C Address	0x10 (16)
Temperature	38.3 °C

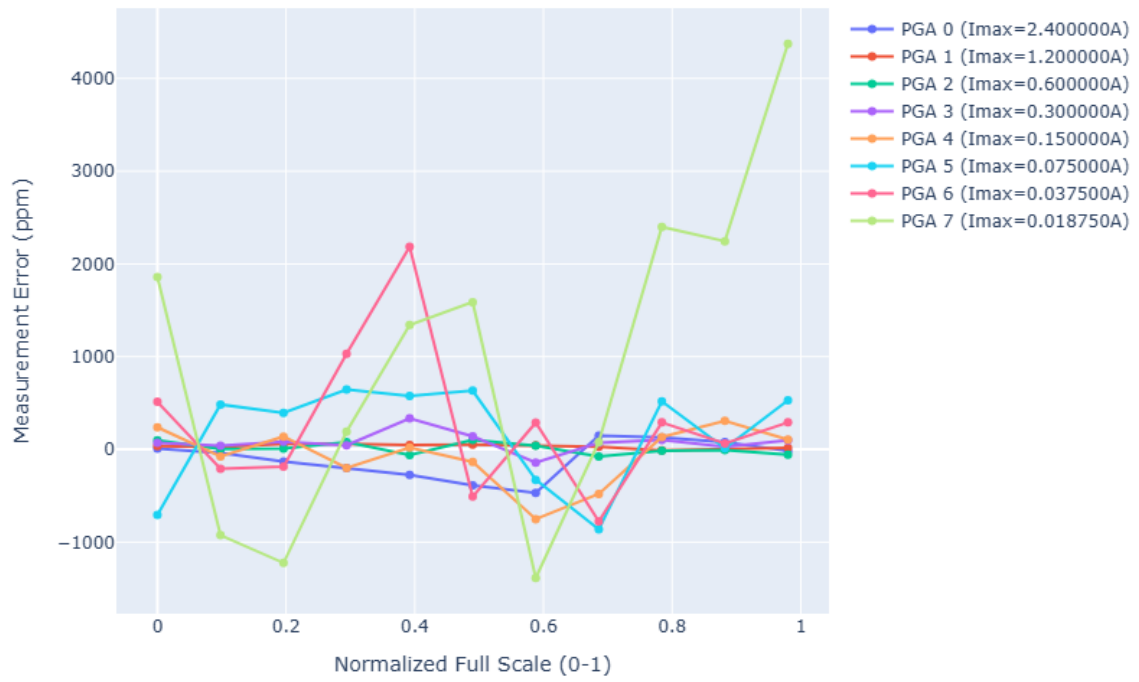
Voltage Accuracy

ADC Voltage Calibration Accuracy - All PGA Settings



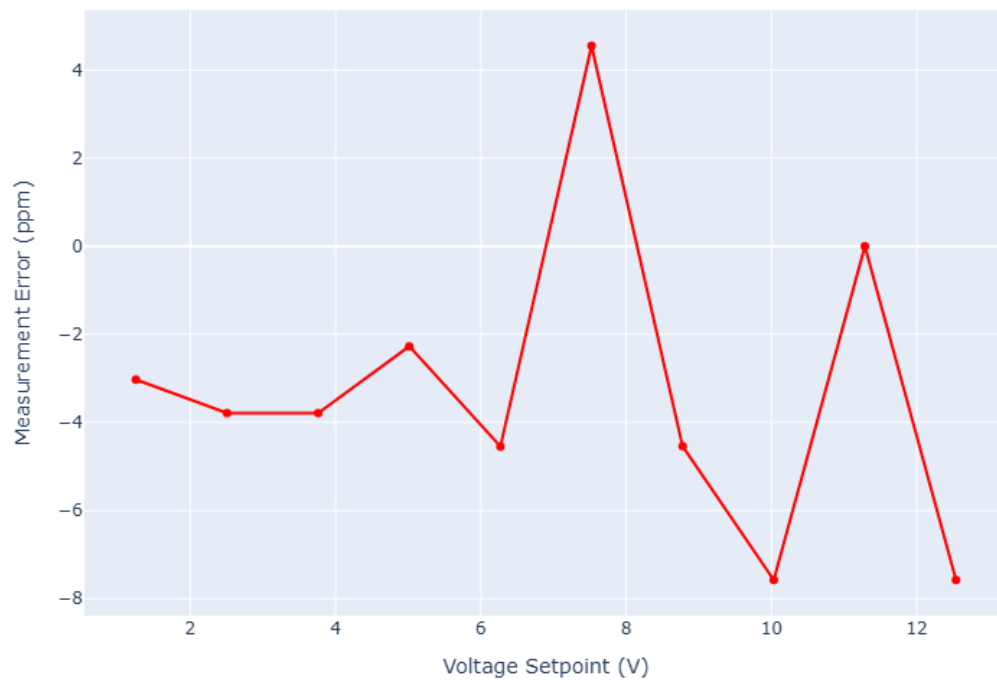
Current Accuracy

ADC Current Calibration Accuracy - All PGA Settings



Dac Accuracy

DAC Calibration Accuracy



Voltage Calibration Coefficients

PGA	Vmax	Offset Register	Gain Register	Avg Error (μV)
0	13.2000	0x068B (1675)	0x7FE78A (8382346)	347.09
1	6.6000	0x0DDF (3551)	0x7FDF1B (8380187)	260.39
2	3.3000	0x1CB7 (7351)	0x7FCFFD (8376317)	237.27
3	1.6500	0x39C5 (14789)	0x7FA5F4 (8365556)	37.02
4	0.8250	0x6A24 (27172)	0x7FA6B0 (8365744)	27.55
5	0.4125	0xCBA2 (52130)	0x7FA84A (8366154)	30.32
6	0.2062	0x19A2D (105005)	0x7FB1BF (8368575)	15.90
7	0.1031	0x33749 (210761)	0x7FB07A (8368250)	12.01

Current Calibration Coefficients

PGA	Imax	Offset Register	Gain Register	Avg Error (μA)
0	2.400000	0x014A (330)	0x7FD928 (8378664)	410.67
1	1.200000	0x0306 (774)	0x7FBB22 (8370978)	40.63

2	0.600000	0x07AC (1964)	0x7FB655 (8369749)	29.79
3	0.300000	0x0A08 (2568)	0x7F83B9 (8356793)	31.43
4	0.150000	0x0CE6 (3302)	0x7F95C3 (8361411)	35.27
5	0.075000	0x3D2C (15660)	0x7F8D63 (8359267)	38.78
6	0.037500	0x766F (30319)	0x7F82E7 (8356583)	21.62
7	0.018750	0xE394 (58260)	0x7F77A4 (8353700)	30.02