

Tried to evaluate my Quad after doing the calibration. I really don't know how accurate this thing is or possibly I did not do the calibration in the correct manner. In any case, these are some findings:  
Using Chl A for all readings

Scale	Supply VDC	Quad Measurement (Meter)
5V	10.0	9.6
2V	5.01	5.12
	2.502	2.64
	1.005	1.20
1V	1.005	1.16
.5	1.005	1.02
.2	1.005	1.01

Tried running a freq generator to see what the response would be:

Freq	TEK 7904A	Quad	Scale	
1 MHz	1.3	1.44	2V	(all voltages P-P)
		1.40	1V	
		1.26	.5V	
		1.51	.2V	
2 MHz	1.3	1.52	2V	
		1.32	1V	
		1.16	.5V	
		1.51	.2V	
3 MHz	1.3	1.68	2V	
		1.32	1V	
		1.06	.5V	
		1.58	.2V	
5 MHz	1.3	1.84	2V	
		1.16	1V	
		.84	.5V	
		1.70	.2V	
10 MHz	1.4	1.44	2V	
		.56	1V	
		.48	.5V	

2.07 .2V

In each case I checked the frequency indicated on the generator and it matched exactly with the Quad. The Quad triggered just fine through all the freqs up to 15MHz with a good stable display although the voltages were screwed up. This is probably due to the filters present on the front end of the ADC.