operating voltage = 400

peak 1.5V
fine gain = 5
coarse gain = 5
shaping = 0.5

voltage	count
0.5	23148
0.6	20724
0.7	17393
0.8	20736
0.9	39136
1	62948
1.1	56478
1.2	33199
1.3	20520
1.4	12909
1.5	8321
1.6	5280

lower limit in peak	17393

half max	40170.5
FWHM	0.27
RES	0.27

operating voltage = 450

peak = 1.6
coarse gain = 2
fine = 5
shaping = 0.5

voltage	count
1	32188
1.1	49761
1.2	54746
1.3	39558
1.4	23790
1.5	15213
1.6	10678
1.7	7431
1.8	5529
1.9	4141
2	3208

lower limit in peak	3780

half max	29263
FWHM	0.3
RES	0.25

operating voltage = 420

peak 1.9V
fine gain = 5
coarse gain = 5
shaping = 0.5

voltage	count
1	12349
1.1	11546
1.2	12582
1.3	18596
1.4	29951
1.5	40975
1.6	42925
1.7	34035
1.8	23673
1.9	16356
2	11636
2.1	8326
2.2	6288
2.3	4753

lower limit in peak	11867

half max	27396
FWHM	0.391
RES	0.24438

operating voltage 480

peak = 2.9
coarse gain = 2
fine = 5
shaping = 0.5

voltage	count	
1.5	9441	
1.6	11561	
1.7	16144	
1.8	23117	
1.9	29529	
2	32994	max
2.1	30962	
2.2	25601	
2.3	18917	
2.4	13888	
2.5	10757	
2.6	8603	
2.7	6666	
2.8	4319	

lower limit in peak	6651

half max	19822.5
FWHM	0.53
RES	0.265

voltage	resolution
400	0.27
420	0.24438
450	0.25
480	0.265