Specific Charge of the Electron

Experiment Oute

Michael Goerz, Anton Head 76.09.05 Start 1500 End 1620

0:ameter of the circular paths d1,2,3,4 = (40,60,80,100,±1) um

Helmholtz (Gils:

u= 154,0±0,1

R= (200 ± 1) wm

Multimeter UC 220

DC-voltage 1,0%+5 Digits

0x - current 1,2% + 8 Digits (20 A)

u/v	I/A	I/A 5 =	I/A $r_3 = \frac{d_2}{2}$
30000000000000000000000000000000000000	1658407 5 1843 96 195 1678407 5 1843 96 195	2217177777777777 00999988777665544 578404285	27688874887074767

w/v	I/A	I/A	T/A
140 130 120 110 100 80	1.10 1.07 1.00 0.94 0.96 0.82 (0.80)	1,34 1,24 1,24 1,00 1,00	1,91 1,84 1,77 1,68 1,60 1,48 (1,32)
			-
		en e	
	-	. .	
	·		
			- "

The second secon

.. _

and the second s