

Table 1: Data in Fig.12

RMS length is 64.5 ps with 3HC and 5HC at 1.2MV and 350mA											
5HC (Ω)	0	1	2	3	4	5	6	7	8		
3HC (Ω)@trac.	22	19	16.5	13.5	10.5	8	5	2	0		
3HC (Ω)@calc.	22	19	16.5	13.5	10.5	8	5	2.5	0.1		
RMS length is 40 ps with 3HC and 5HC at 1.2MV and 350mA											
5HC (Ω)	0	3	6	9	12	15	18	21	24	24.5	
3HC (Ω)@trac.	55	48	40	33	26	19.5	12.5	6.5	0		
3HC (Ω)@calc.	55.5	47.5	40	33	26	19.5	13	6.5		0.1	
RMS length is 30 ps with 3HC and 5HC at 1.2MV and 350mA											
5HC (Ω)	0	4	8	12	16	20	24	28	32	37	42
3HC (Ω)@trac.	96.5	92	85	80	75.5	71.5	68	66	63.5	62	59.5
3HC (Ω)@calc.	99	92	86	80.5	76	72	69	66	64	62	60

Table 2: Data in Fig.13

RMS length is 64.5 ps with 3HC and 5HC at 1.2MV and 100mA											
5HC (Ω)	0	3	6	10	14	18	23	27.5			
3HC (Ω)@trac.	76	67.5	59	48	36.5	25.5	11.5	0			
3HC (Ω)@calc.	76	67.5	59.5	48	37	25.5	11.5	0.1			
RMS length is 40 ps with 3HC and 5HC at 1.2MV and 100mA											
5HC (Ω)	0	20	30	40	50	60	70	80	84.5		
3HC (Ω)@trac.	193.5	142.5	118.5	95	72.5	50.5	29.5	8.5	0		
3HC (Ω)@calc.	194	142.5	118.5	95	72.5	50.5	29.5	9	0.1		
RMS length is 30 ps with 3HC and 5HC at 1.2MV and 100mA											
5HC (Ω)	0	15	30	45	60	75	90	105	120	135	
3HC (Ω)@trac.	345	319	296.5	277	260	247	236	227	219	214	
3HC (Ω)@calc.	345	319.5	297	277.5	261	247.5	236	227	219.5	214	

Table 3: Data in Fig.14

RMS length is 92 ps with 2HC and 3HC at 1.2MV and 350mA									
3HC (Ω)	0	2	4	6	8	10.5			
2HC (Ω)@trac.	25.5	20.5	15.5	10.5	5.5	0			
2HC (Ω)@calc.	25.5	20.5	15.5	10.5	5.5	0.1			
RMS length is 50 ps with 2HC and 3HC at 1.2MV and 350mA									
3HC (Ω)	0	7	14	21	28	35	42	46	
2HC (Ω)@trac.	93	77	62.5	48	33	19.5	7	0	
2HC (Ω)@calc.	94.5	78	62.5	48	33.5	20	7	0.1	
RMS length is 40 ps with 2HC and 3HC at 1.2MV and 350mA									
3HC (Ω)	0	10	20	30	40	50	60		
2HC (Ω)@trac.	149	132	116	101.5	89.5	77.5	68.5		
2HC (Ω)@calc.	149.5	132.5	116.5	102.5	90	78.5	68.5		

Table 4: Data in Fig.15

RMS length is 64.5 ps with 3HC and 5HC at 1.2MV and 350mA										
5HC (Ω)	0	1	2	3	4	5	6	7	8	
3HC (Ω)@trac.	22	19	16.5	13.5	10.5	8	5	2	0	
3HC (Ω)@calc.	22	19	16.5	13.5	10.5	8	5	2.5	0.1	
RMS length is 61.8 ps with 3HC and 5HC at 1.5MV and 350mA										
5HC (Ω)	0	1	2	3	4	5	6	7	8.5	
3HC (Ω)@trac.	24.5	21.5	18.5	16	13	10	6.5	4	0	
3HC (Ω)@calc.	24.5	21.5	19	16	13	10	7	4	0.1	
RMS length is 59.7 ps with 3HC and 5HC at 1.8MV and 350mA										
5HC (Ω)	0	1	2	3	4	5	6	7	8.5	9
3HC (Ω)@trac.	27	24	21	17.5	15	12	8.5	6	1	0
3HC (Ω)@calc.	27	24	21	18	15	12	9	6	1.5	0.1

Table 5: Data in Fig.16

RMS length is 50 ps with 3HC and 5HC at 1.2MV and 350mA using lower HC voltage										
5HC (Ω)	0	2	4	6	8	10	12	14.5		
3HC (Ω)@trac.	38	32.5	27	21.5	16.5	11	6	0		
3HC (Ω)@calc.	38	32.5	27	21.5	16.5	11	6	0.1		
RMS length is 50 ps with 3HC and 5HC at 1.2MV and 350mA using higher HC voltage										
5HC (Ω)	0	2	4	6	8	10	12	13		
3HC (Ω)@trac.	36	30	24.5	19	13.5	8.5	3	0		
3HC (Ω)@calc.	36	30.5	24.5	19	13.5	8.5	3	0.1		
RMS length is 45 ps with 3HC and 5HC at 1.2MV and 350mA using lower HC voltage										
5HC (Ω)	0	4	8	12	16	20	24	26		
3HC (Ω)@trac.	47.5	37.5	28.5	21	14	8	2	0		
3HC (Ω)@calc.	47.5	37.5	29	21	14	8	2.5	0.1		
RMS length is 45 ps with 3HC and 5HC at 1.2MV and 350mA using higher HC voltage										
5HC (Ω)	0	4	8	12	16	17				
3HC (Ω)@trac.	43.5	32.5	22	12	2	0				
3HC (Ω)@calc.	44	33	22	12	2	0.1				