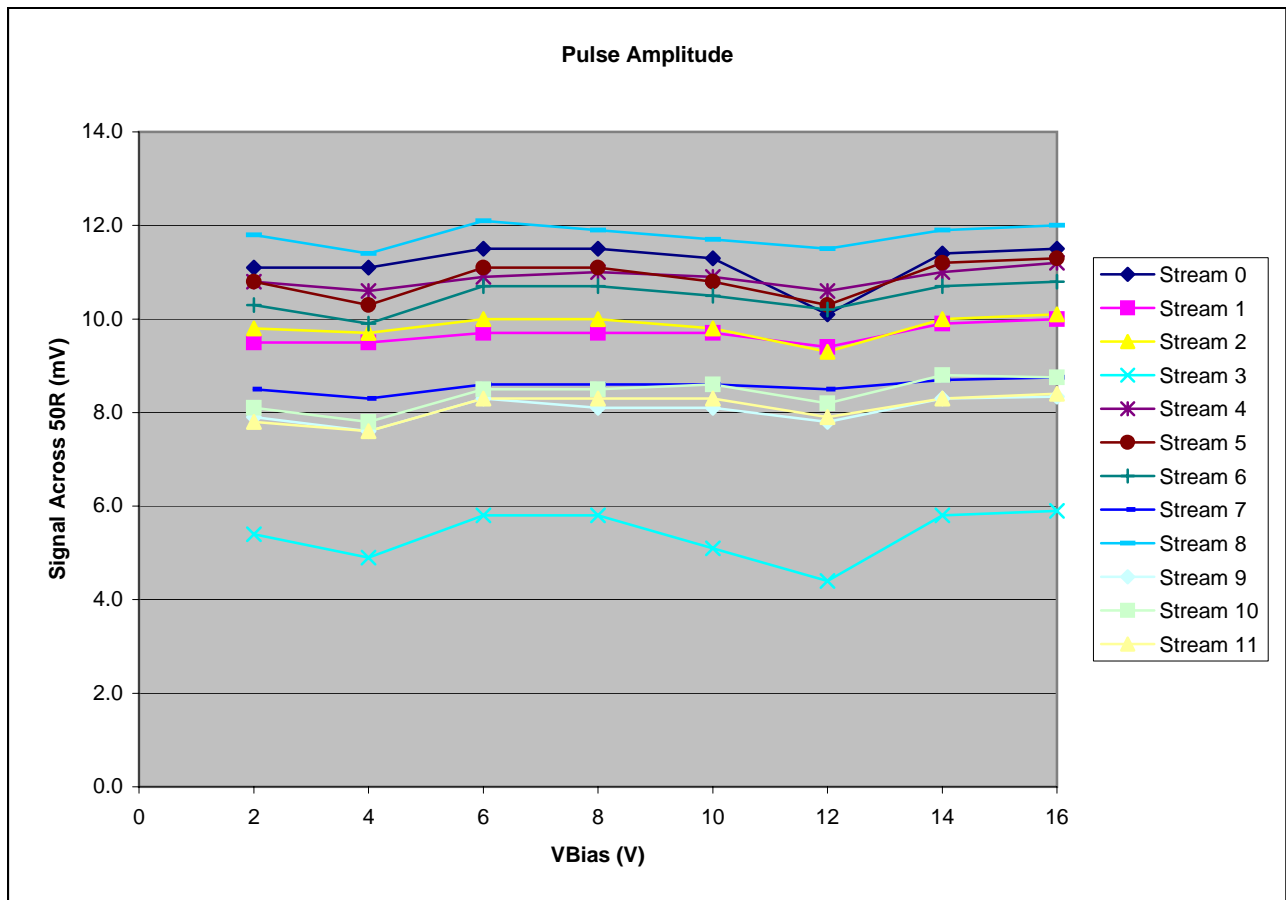


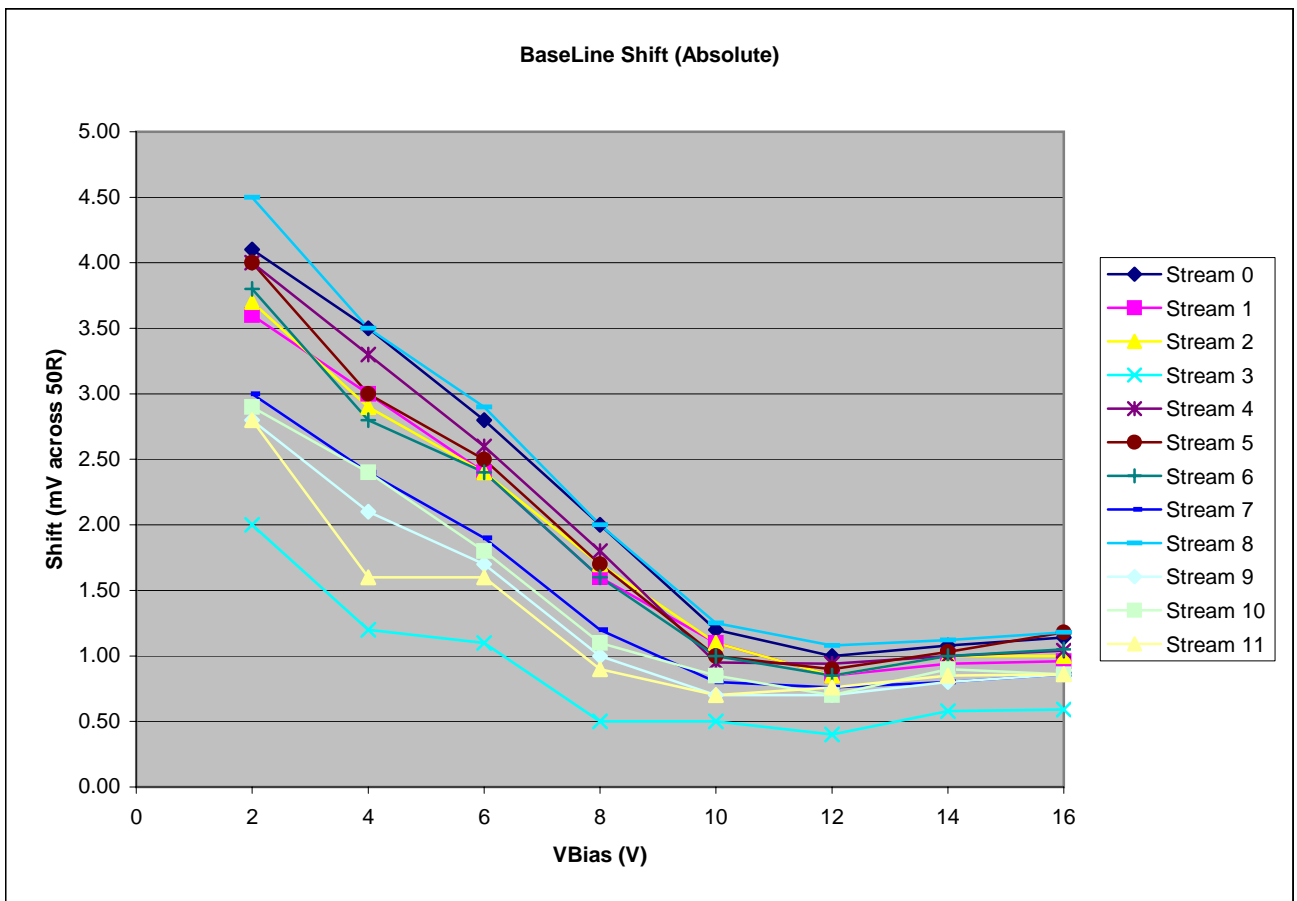
# Cambridge PIN Investigations of 22-Jan-03

Using RX-PlugIn with DRX removed and 12 x 51R Loads, probing with new, homemade, 1x 50R scope probe

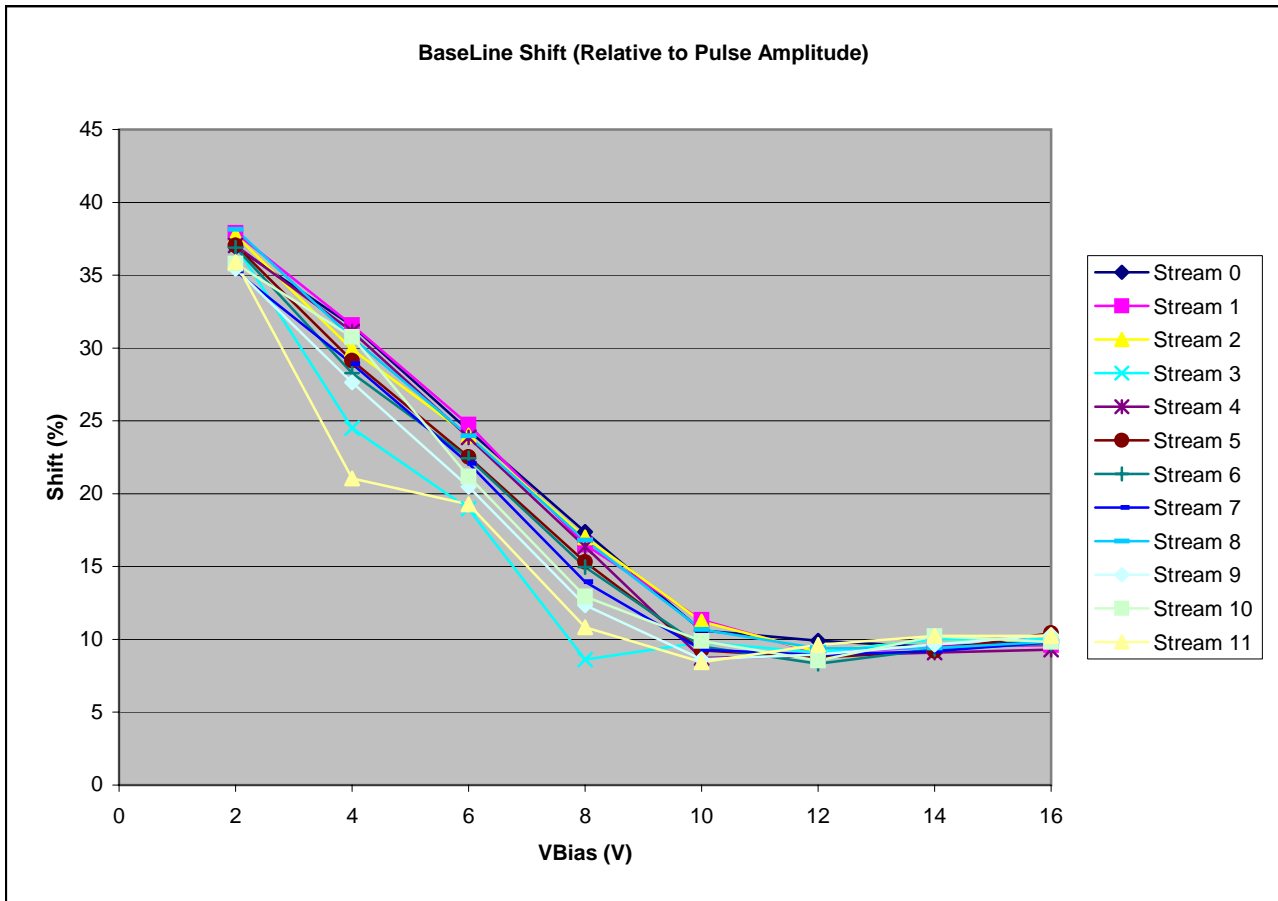
Amplitude (mV across 50R)								
VBias:	2	4	6	8	10	12	14	16
Stream 0	11.1	11.1	11.5	11.5	11.3	10.1	11.4	11.5
1	9.5	9.5	9.7	9.7	9.7	9.4	9.9	10.0
2	9.8	9.7	10.0	10.0	9.8	9.3	10.0	10.1
3	5.4	4.9	5.8	5.8	5.1	4.4	5.8	5.9
4	10.8	10.6	10.9	11.0	10.9	10.6	11.0	11.2
5	10.8	10.3	11.1	11.1	10.8	10.3	11.2	11.3
6	10.3	9.9	10.7	10.7	10.5	10.2	10.7	10.8
7	8.5	8.3	8.6	8.6	8.6	8.5	8.7	8.8
8	11.8	11.4	12.1	11.9	11.7	11.5	11.9	12.0
9	7.9	7.6	8.3	8.1	8.1	7.8	8.3	8.3
10	8.1	7.8	8.5	8.5	8.6	8.2	8.8	8.8
11	7.8	7.6	8.3	8.3	8.3	7.9	8.3	8.4



BaseLine 20ns after 200ns pulse (mV across 50R)								
VBias: Stream	2	4	6	8	10	12	14	16
0	4.10	3.50	2.80	2.00	1.20	1.00	1.08	1.14
1	3.60	3.00	2.40	1.60	1.10	0.85	0.94	0.96
2	3.70	2.90	2.40	1.70	1.10	0.85	1.00	1.00
3	2.00	1.20	1.10	0.50	0.50	0.40	0.58	0.59
4	4.00	3.30	2.60	1.80	0.95	0.94	1.00	1.04
5	4.00	3.00	2.50	1.70	1.00	0.90	1.03	1.18
6	3.80	2.80	2.40	1.60	1.00	0.85	1.00	1.05
7	3.00	2.40	1.90	1.20	0.80	0.76	0.80	0.86
8	4.50	3.50	2.90	2.00	1.25	1.08	1.12	1.18
9	2.80	2.10	1.70	1.00	0.70	0.70	0.80	0.86
10	2.90	2.40	1.80	1.10	0.85	0.70	0.90	0.86
11	2.80	1.60	1.60	0.90	0.70	0.76	0.85	0.86



BaseLine Relative Shift (%)								
VBias: Stream	2	4	6	8	10	12	14	16
0	37	32	24	17	11	10	9	10
1	38	32	25	16	11	9	9	10
2	38	30	24	17	11	9	10	10
3	37	24	19	9	10	9	10	10
4	37	31	24	16	9	9	9	9
5	37	29	23	15	9	9	9	10
6	37	28	22	15	10	8	9	10
7	35	29	22	14	9	9	9	10
8	38	31	24	17	11	9	9	10
9	35	28	20	12	9	9	10	10
10	36	31	21	13	10	9	10	10
11	36	21	19	11	8	10	10	10



Relative Shift v Pulse Amplitude  
at Different VBias

