Time																				

a[3:0]=10 XXX 6 7 3 2 15 4 6 4 0 2 1 10 2 11 2 6 4 10

b[3:0]=4 XXX 1 7 4 3 2 4 5 6 4 2 2 0 4 3 1 4 6 6 4

c[15:0]=-169 XXX 0 6 -43 -36 -48 -54 -58 -118 -98 -134 -118 -122 -162 -156 -167 -175 -145 -169

clk=0

expected_out[15:0]=-129 0 6 -43 -36 -48 -54 -58 -118 -98 -134 -118 -122 -162 -156 -167 -175 -145 -169 -129

i[31:0]=20 XXX 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20

out[15:0]=-129 XXX 6 -43 -36 -48 -54 -58 -118 -98 -134 -118 -122 -162 -156 -167 -175 -145 -169 -129

w_dec[31:0]=4 XXX 1 7 4 3 2 4 5 6 4 2 2 0 4 3 1 4 6 6 4

w_file[31:0]=-2147483645 -2147483645

w_scan_file[31:0]=1 XXX 1

x_dec[31:0]=10 XXX 6 7 3 2 15 4 6 4 0 2 1 10 2 11 2 6 4 10

x_file[31:0]=-2147483644 -2147483644

x_scan_file[31:0]=1 XXX 1