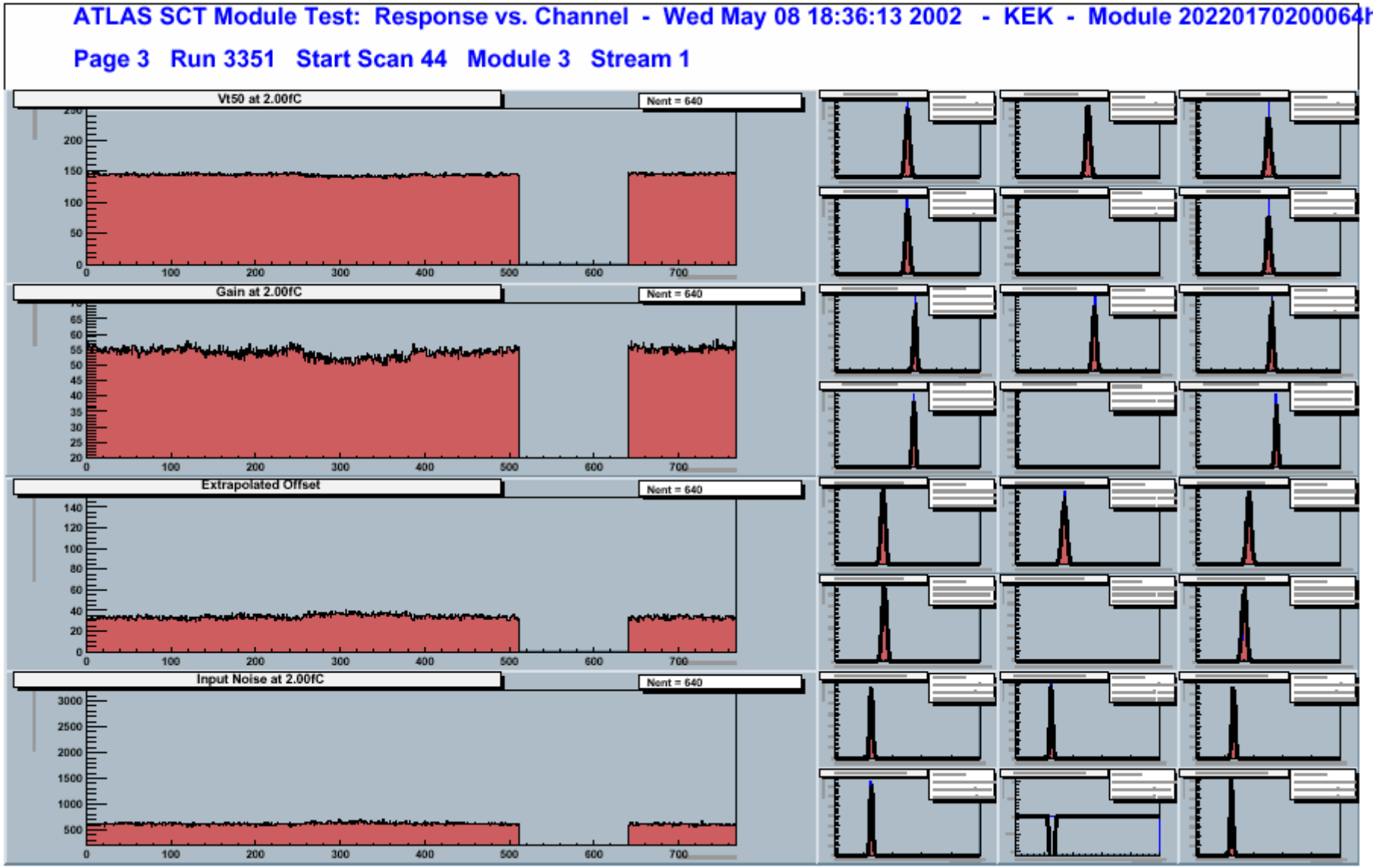
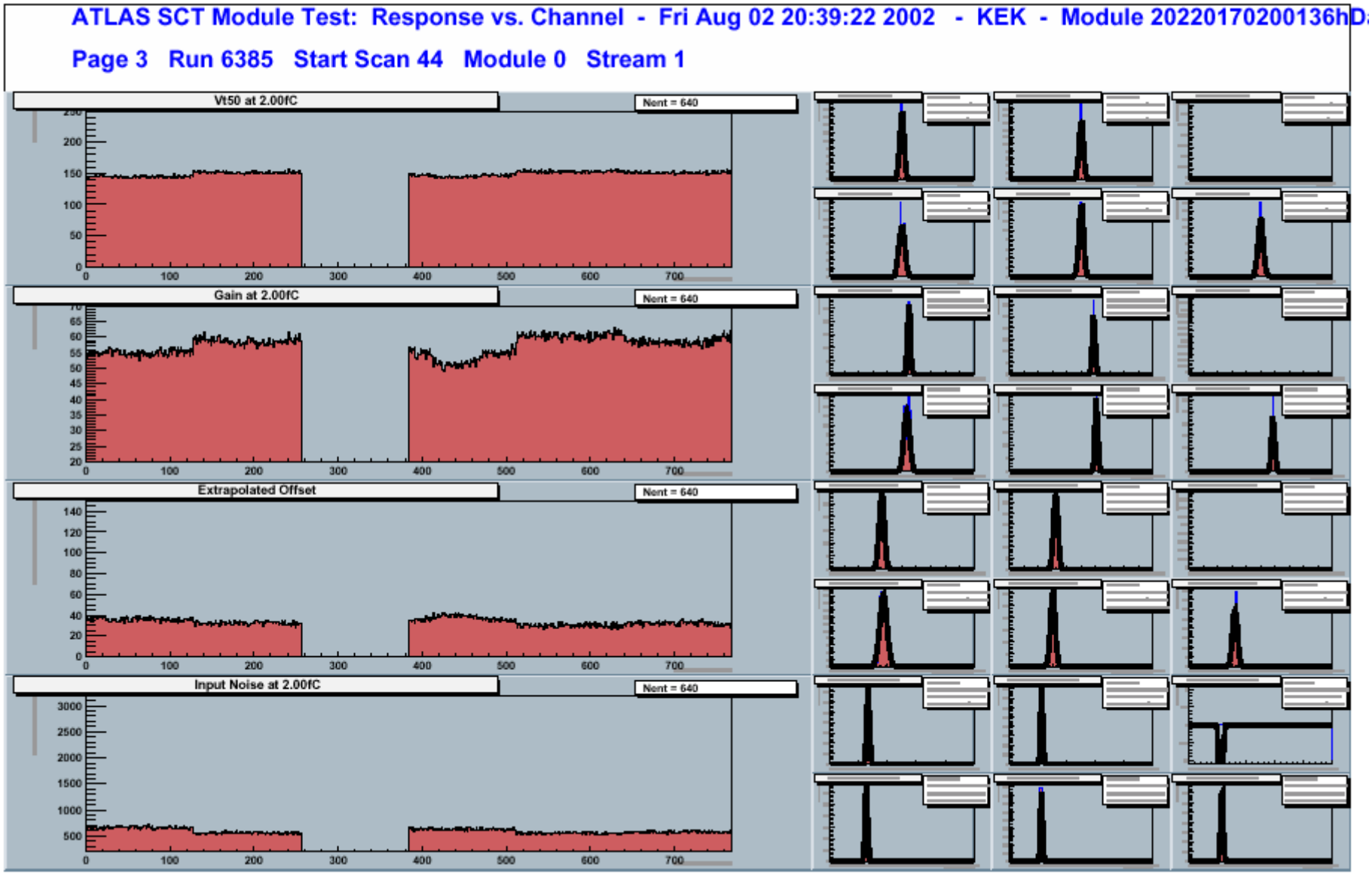
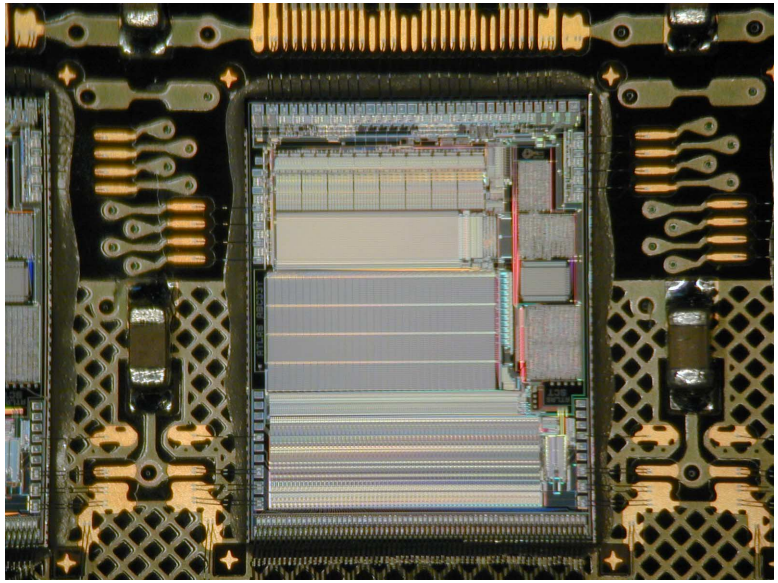
ID = 064 : DEAD chip : S12 : Z39993-W09-70

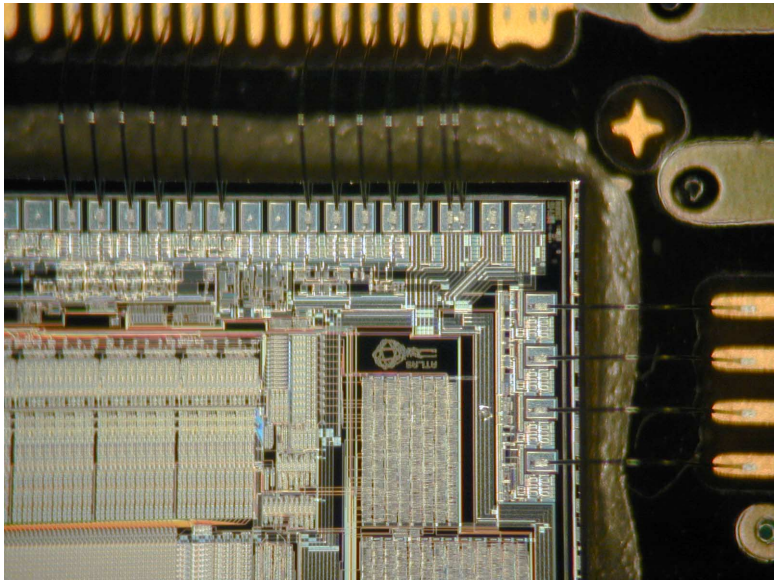


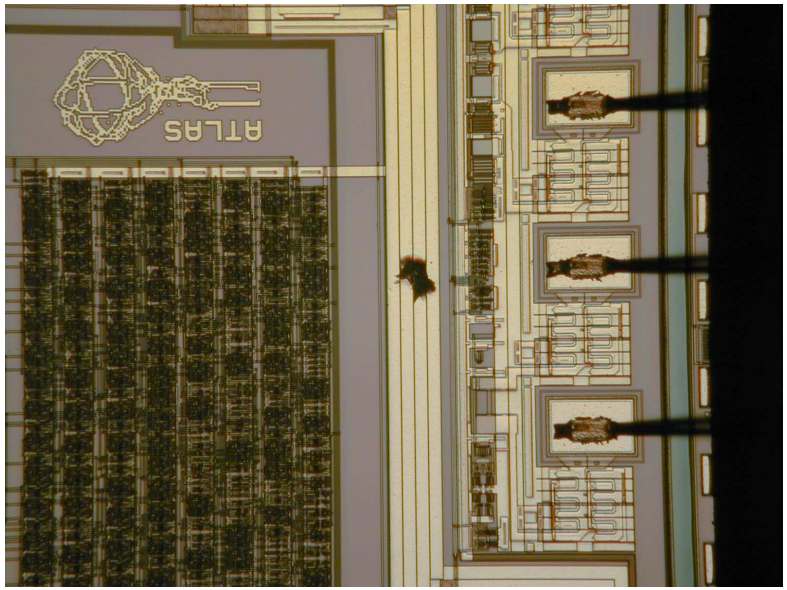
ID = 136 : Dead chip : S10 : Z40859-W20-163

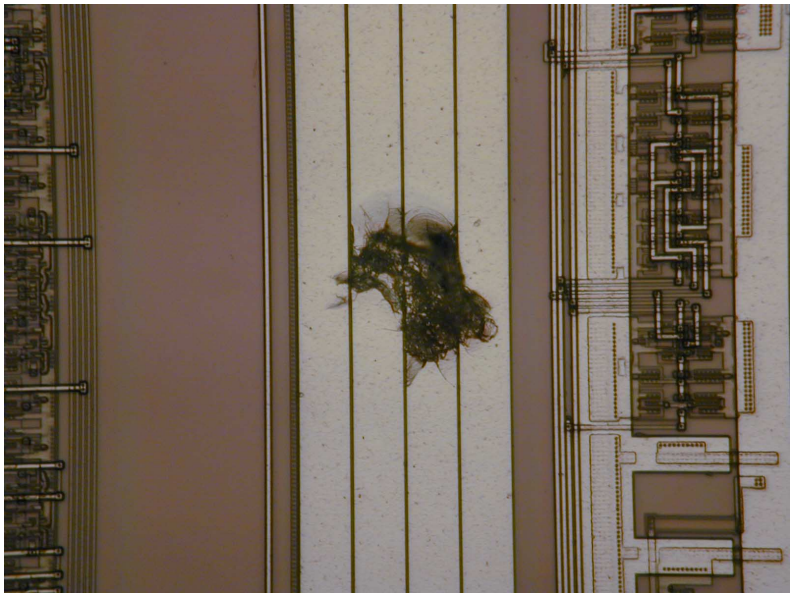


ID = 138 : Dead chip (Vdd short) : S09 : Z40859-W20-241

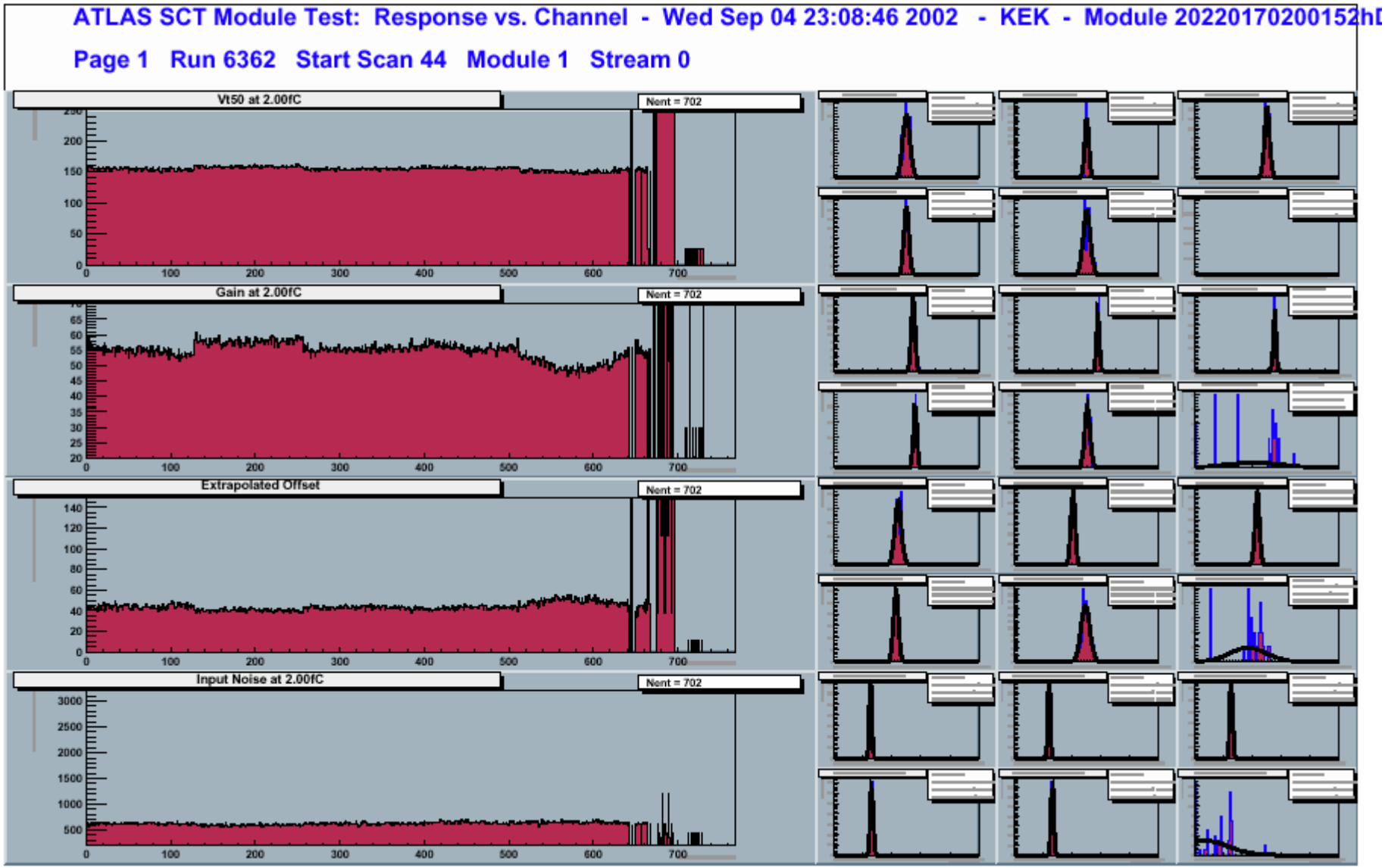




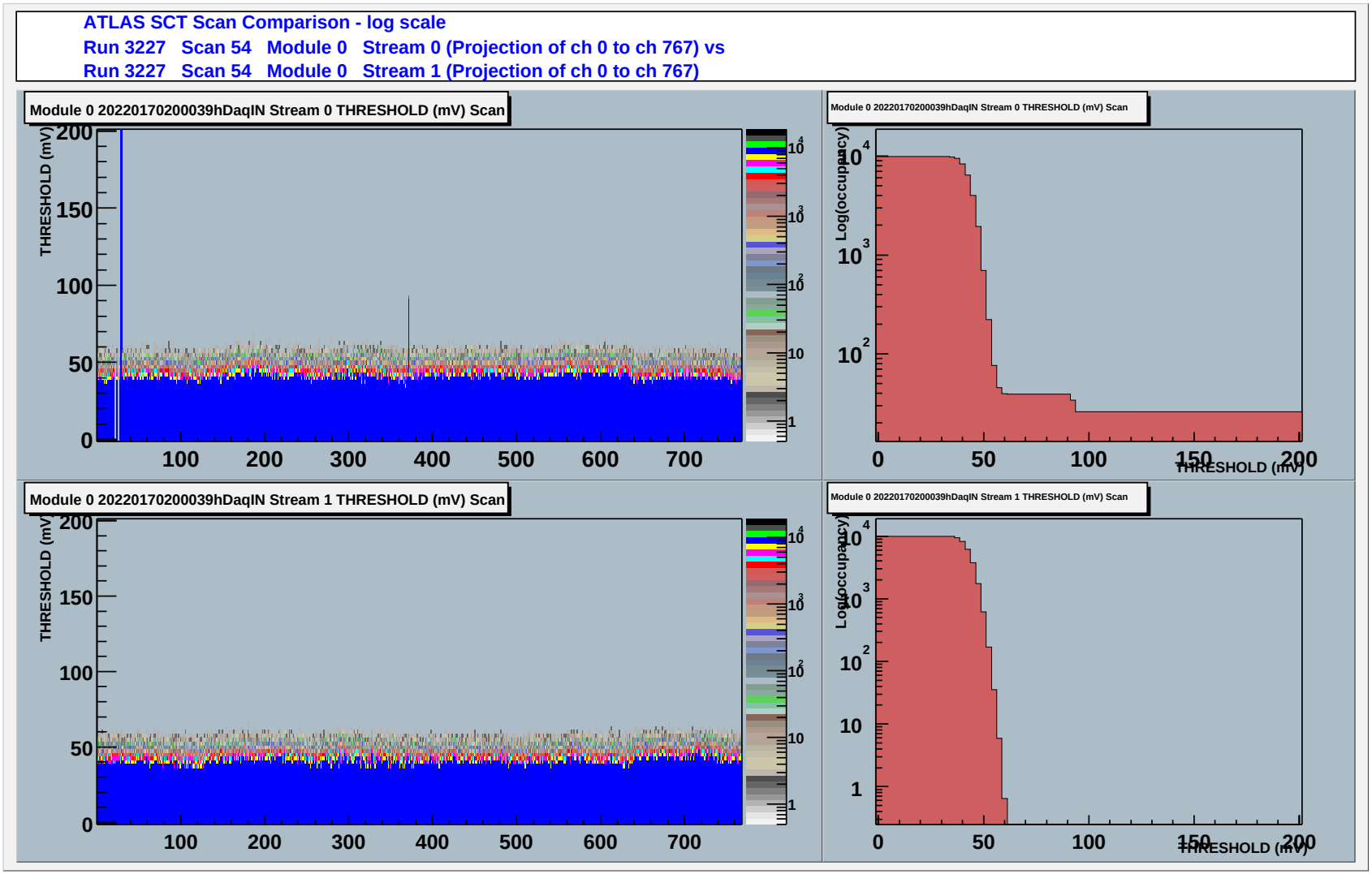




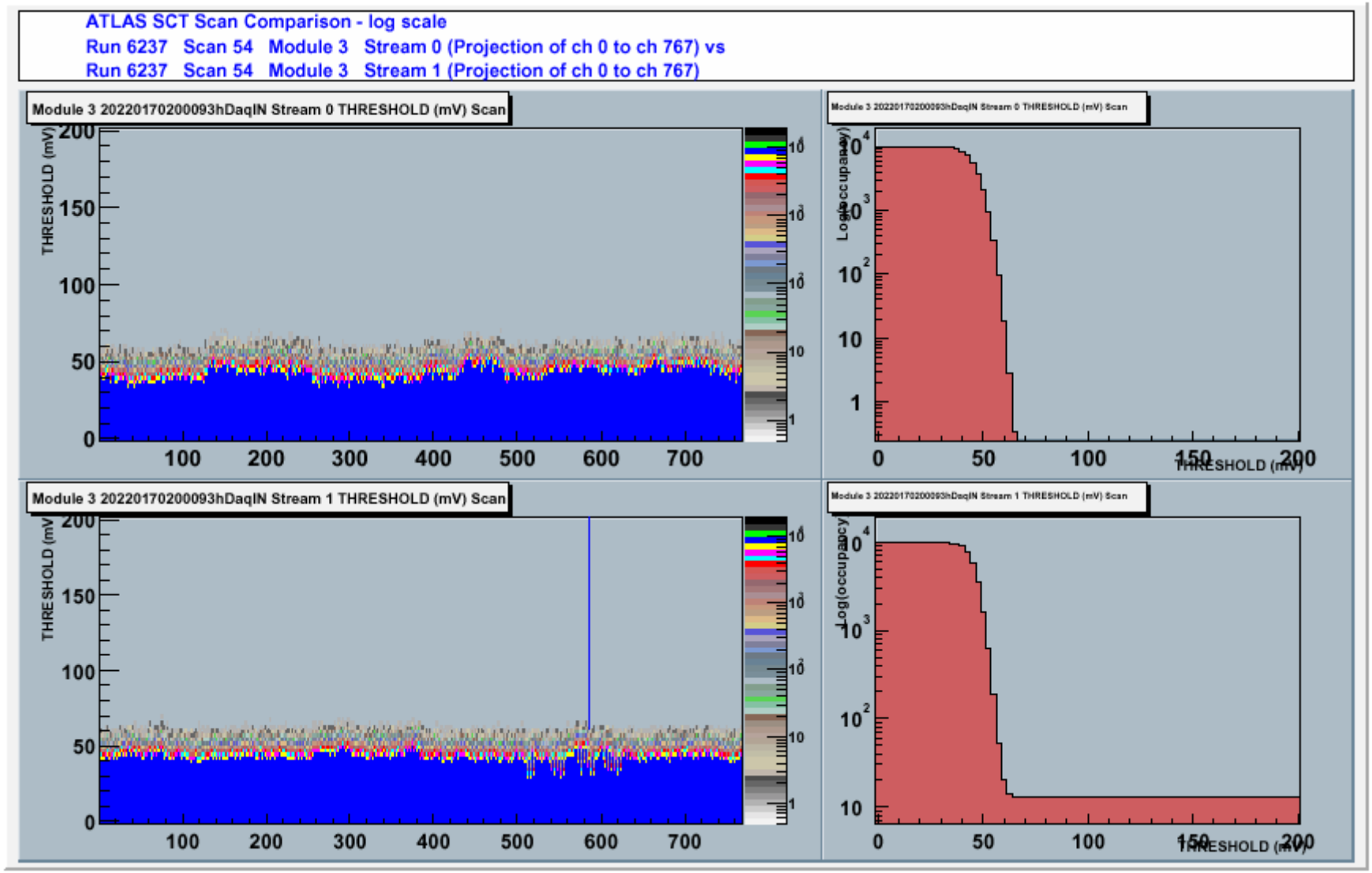
ID = 152 : Dead chip : E05 : Z40859-W15-196



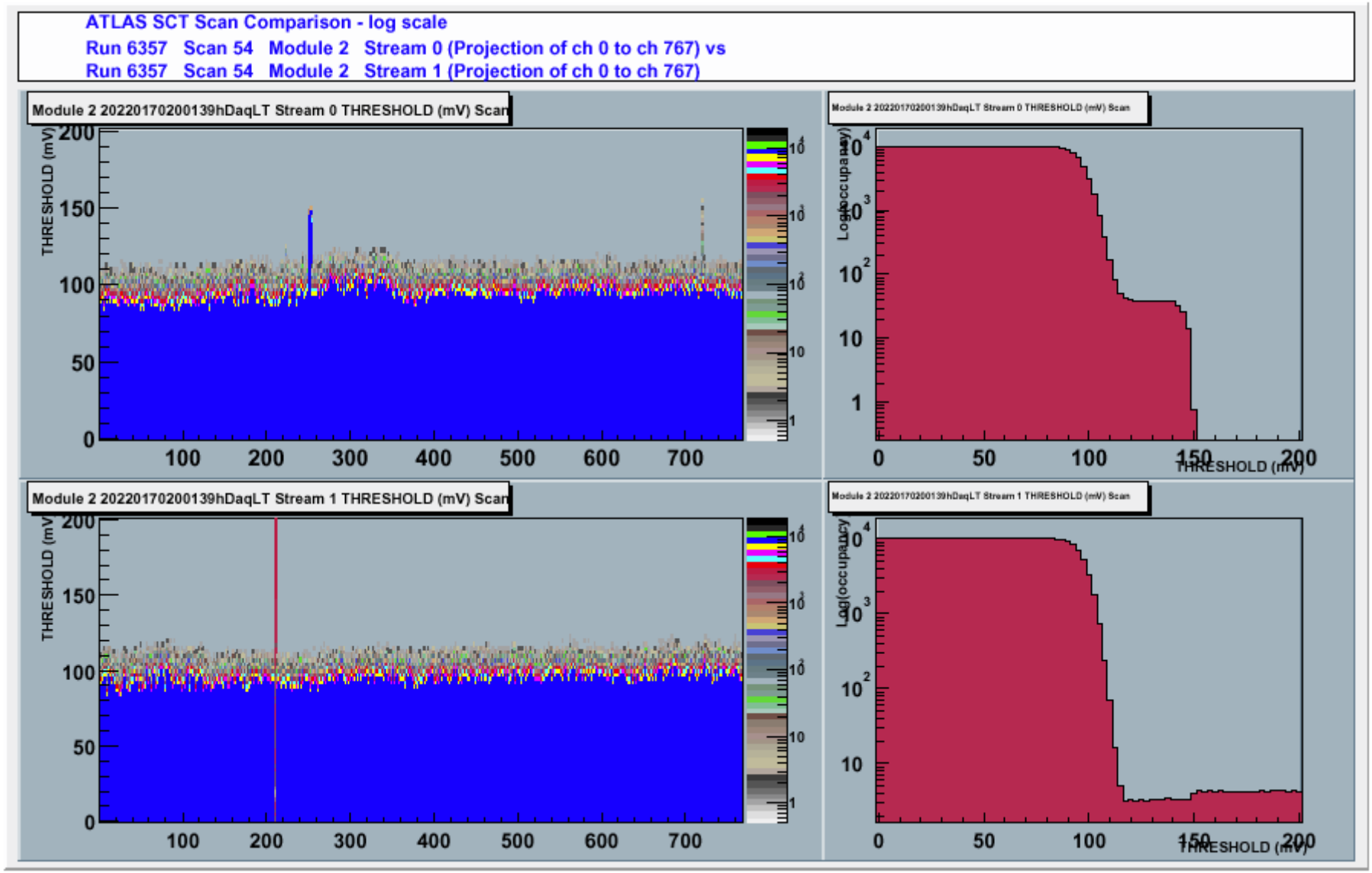
ID = 039 : STUCKCELL : M00 (29, 30ch) : Z39993-W7-215



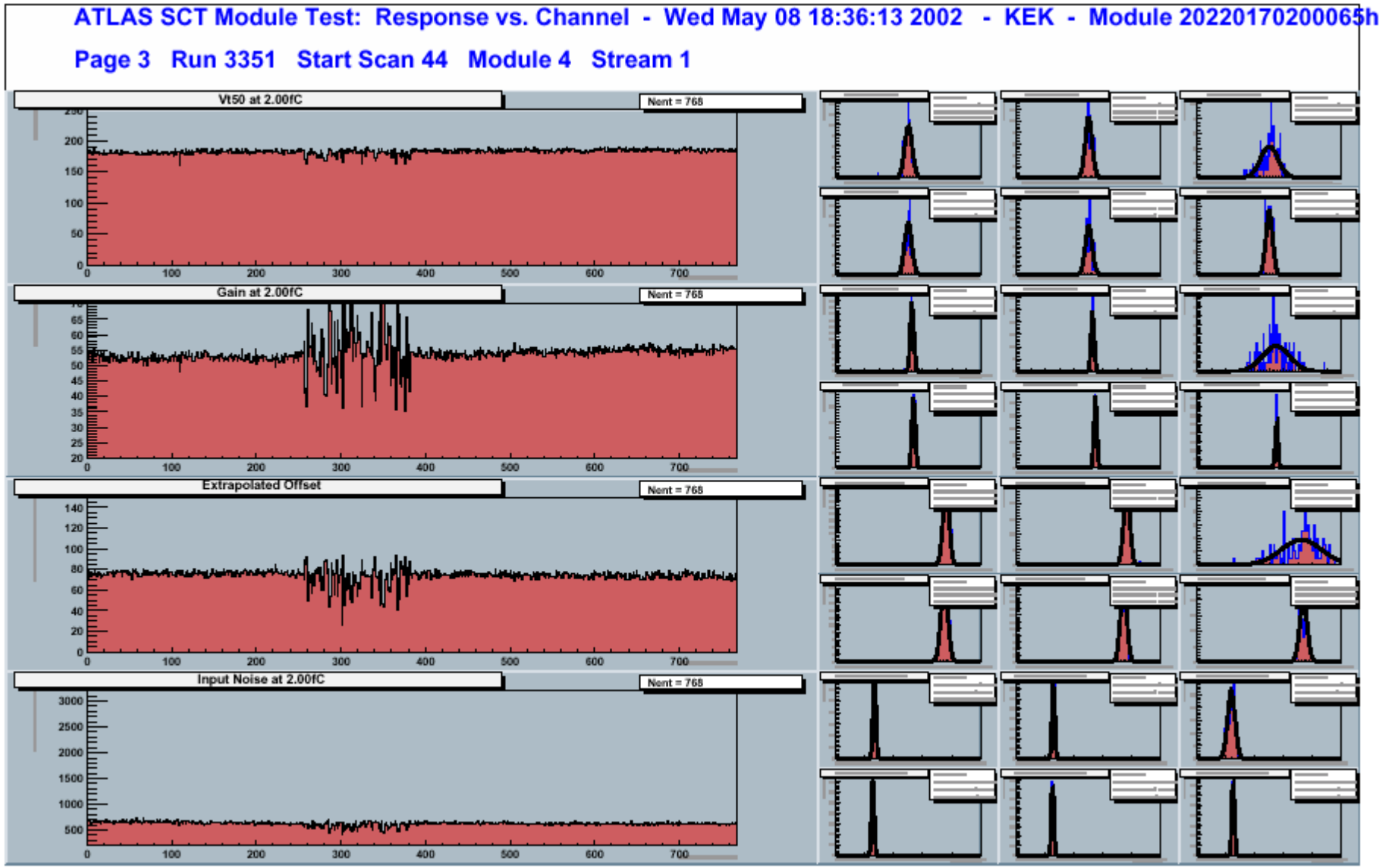
ID = 093 : STUCKCELL : S12 : Z40859-W05-211



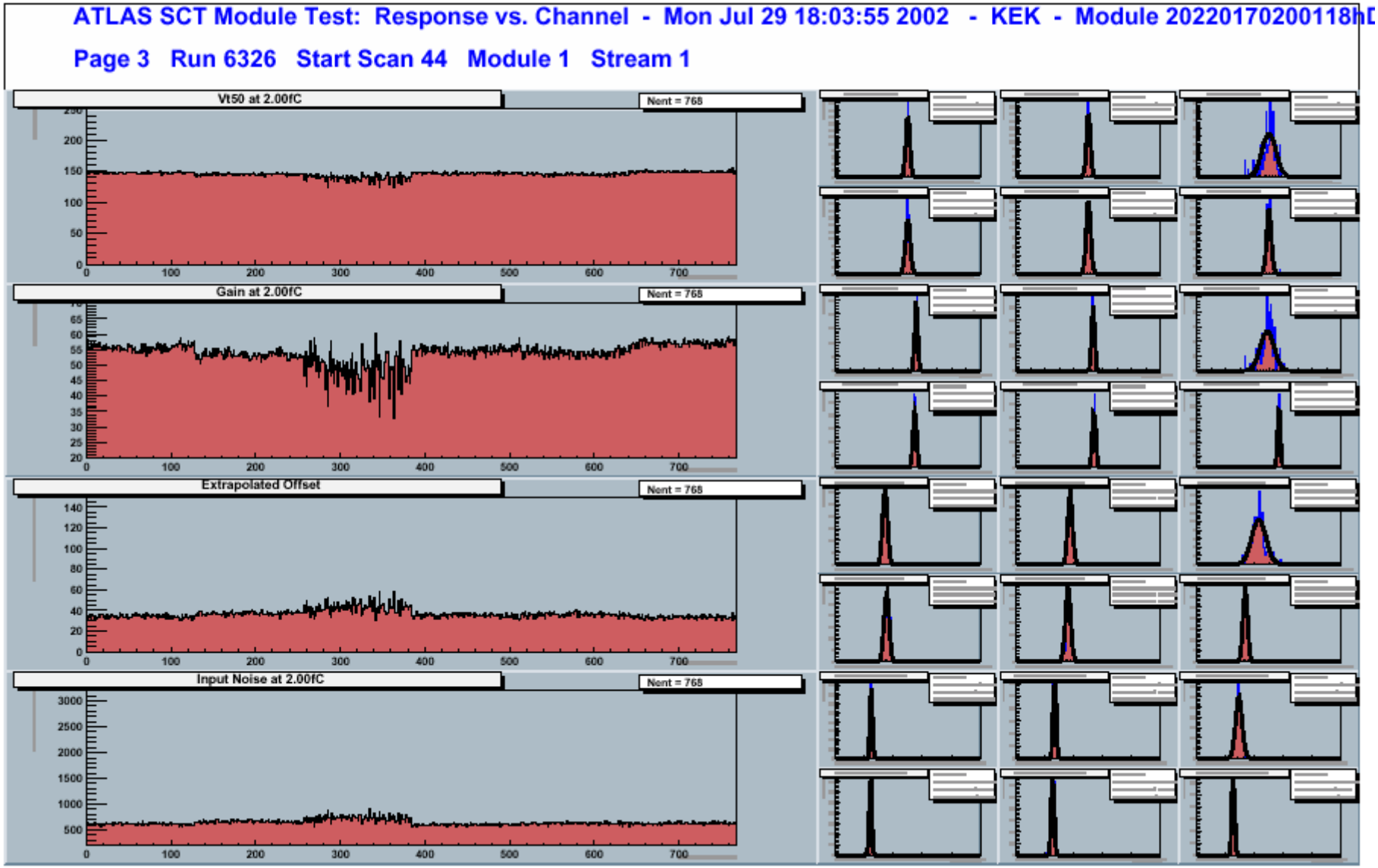
ID = 139 : STUCKCELL : S09 (979ch) : Z40859-W20-241



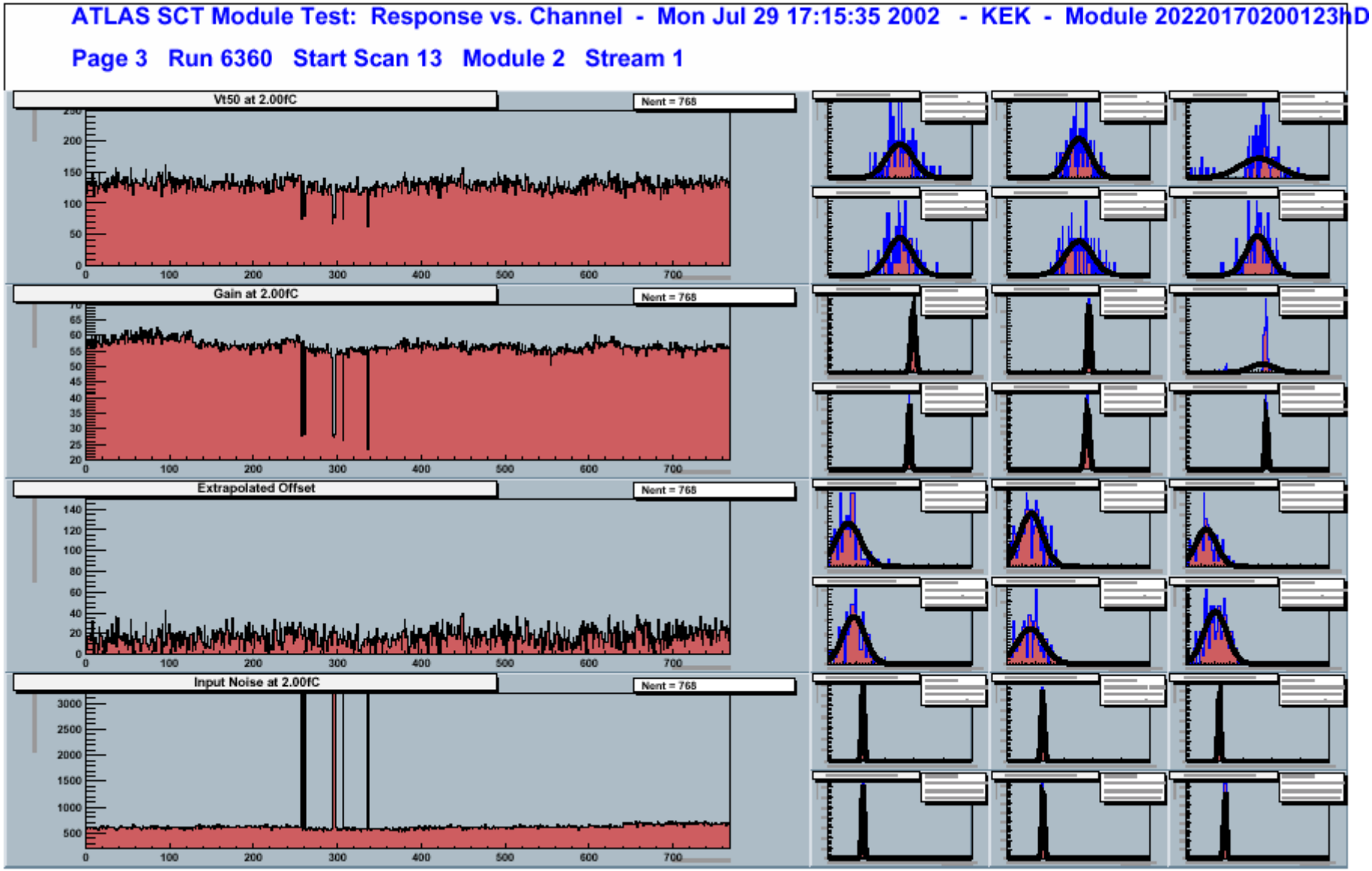
ID = 065 : Large Gain Spread chip : S10 : Z39993-W09-100



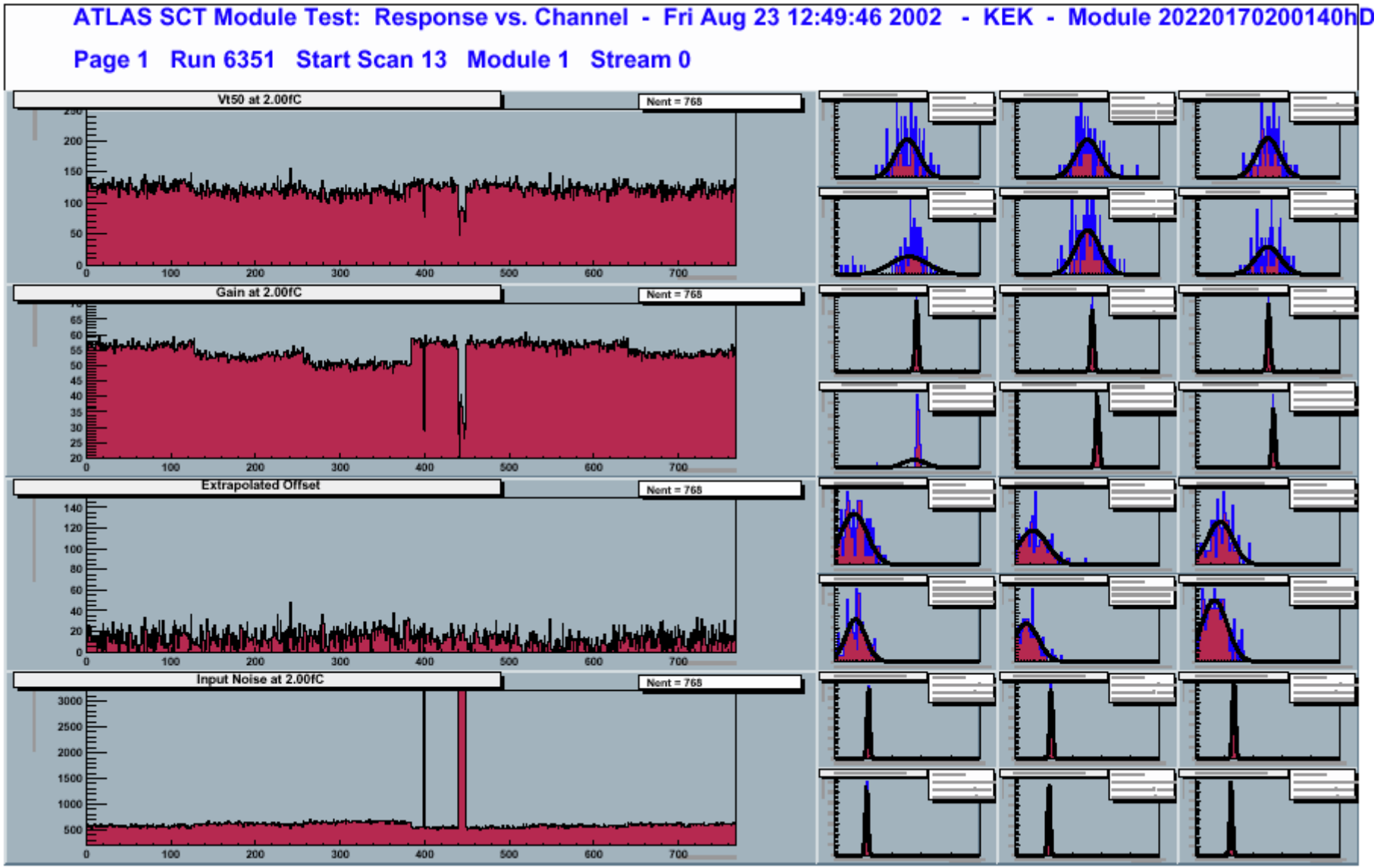
ID = 118 : Large Gain Spread chip : S10 : Z40859-W08-105



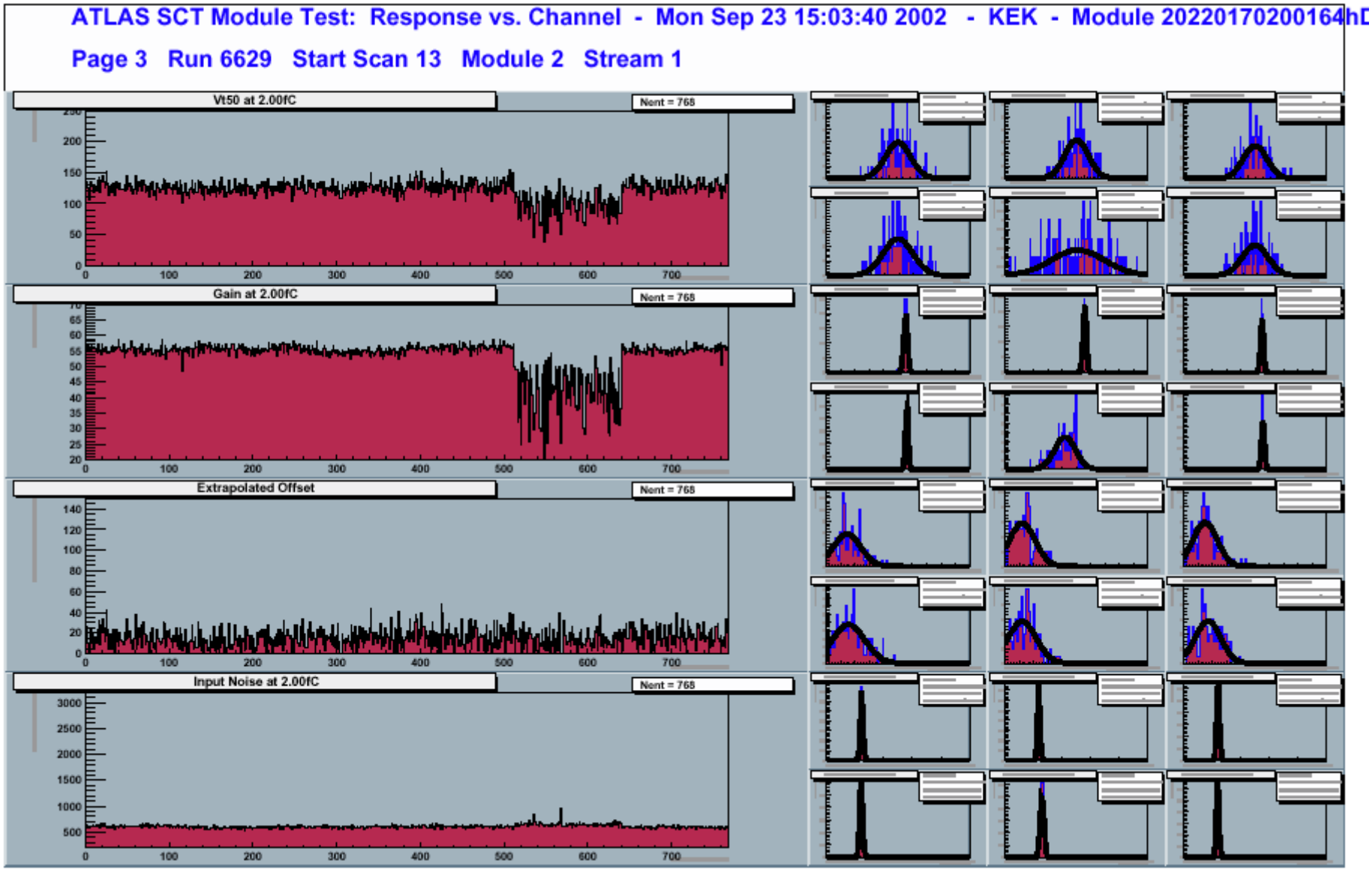
ID = 123 : Large Gain Spread chip : S10 : Z40859-W16-91



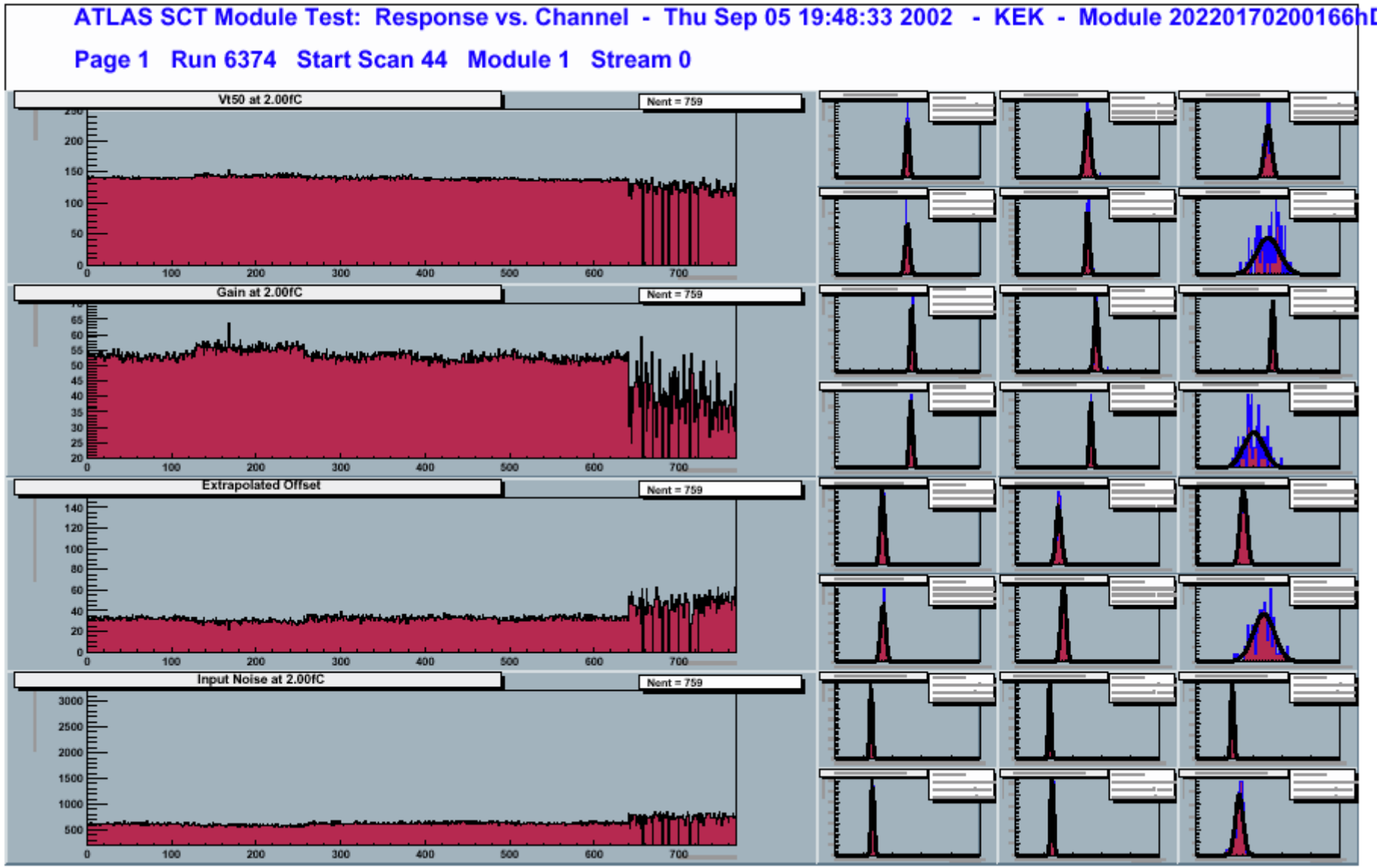
ID = 140 : Large Gain Spread chip : S02 : Z40617-W08-70



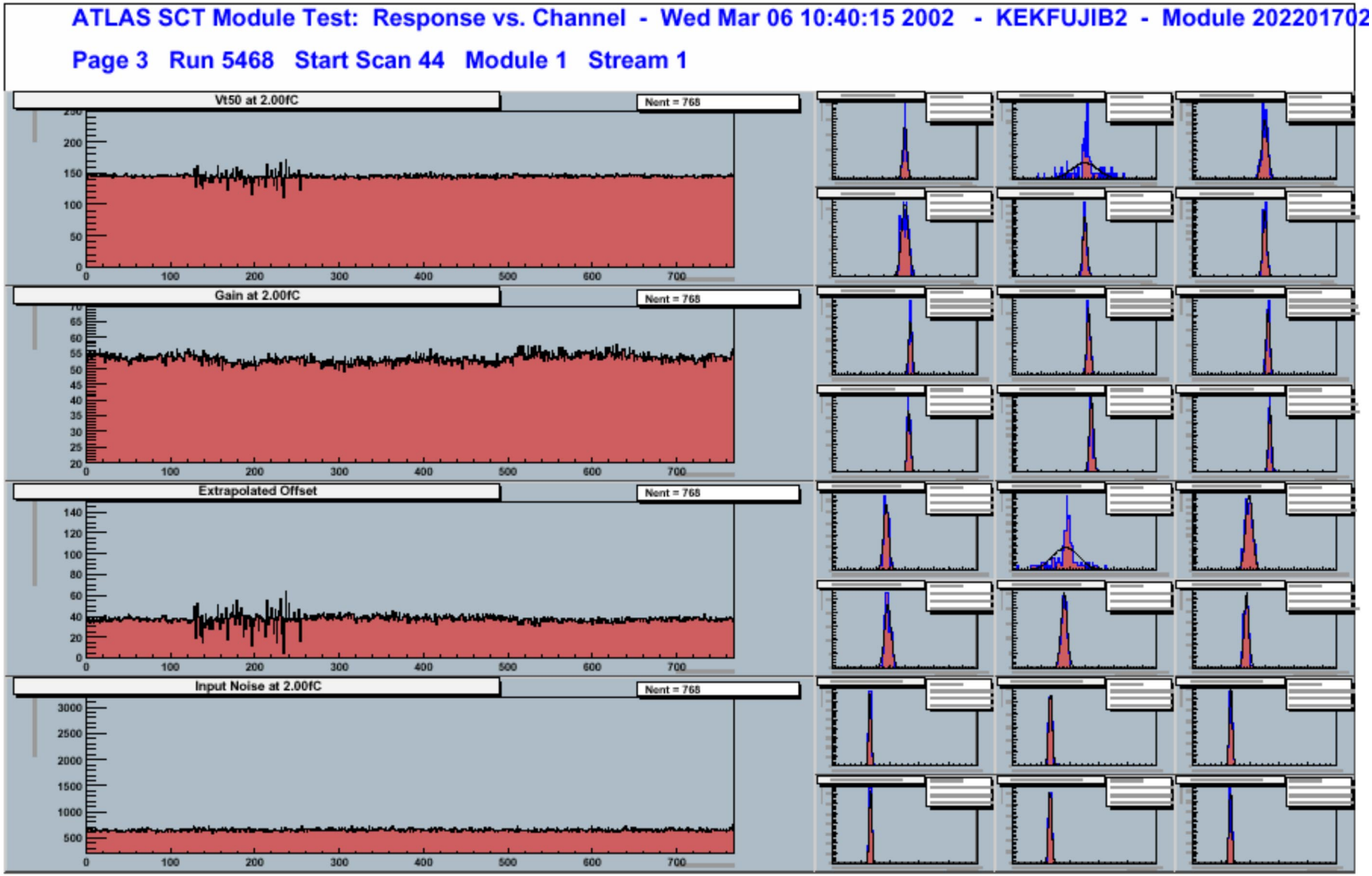
ID = 164 : Large Gain Spread chip @ Low temp : S12 : Z40617-W01-104



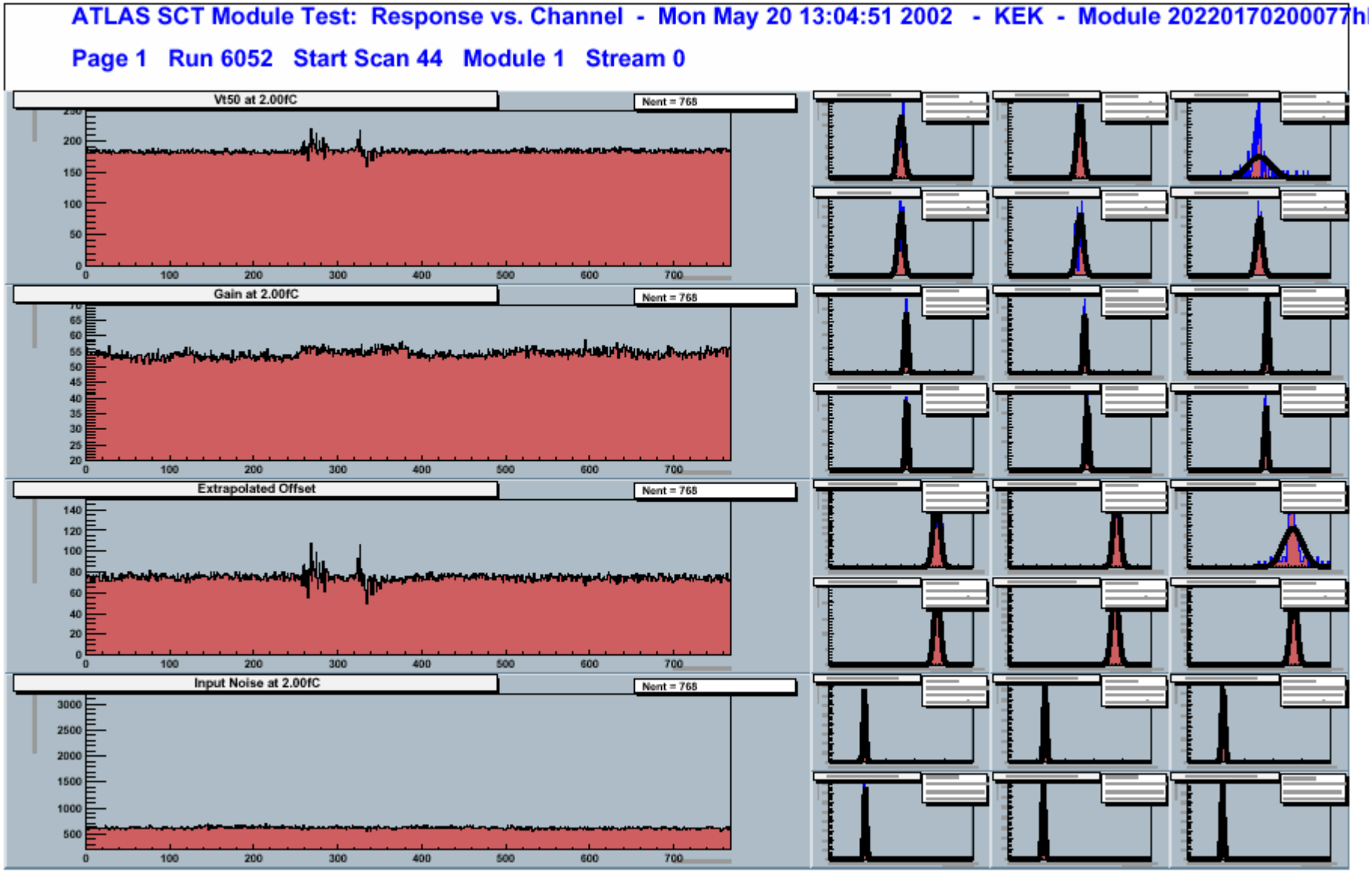
ID = 166 : Large Gain Spread chip : E05 : Z40617-W01-246



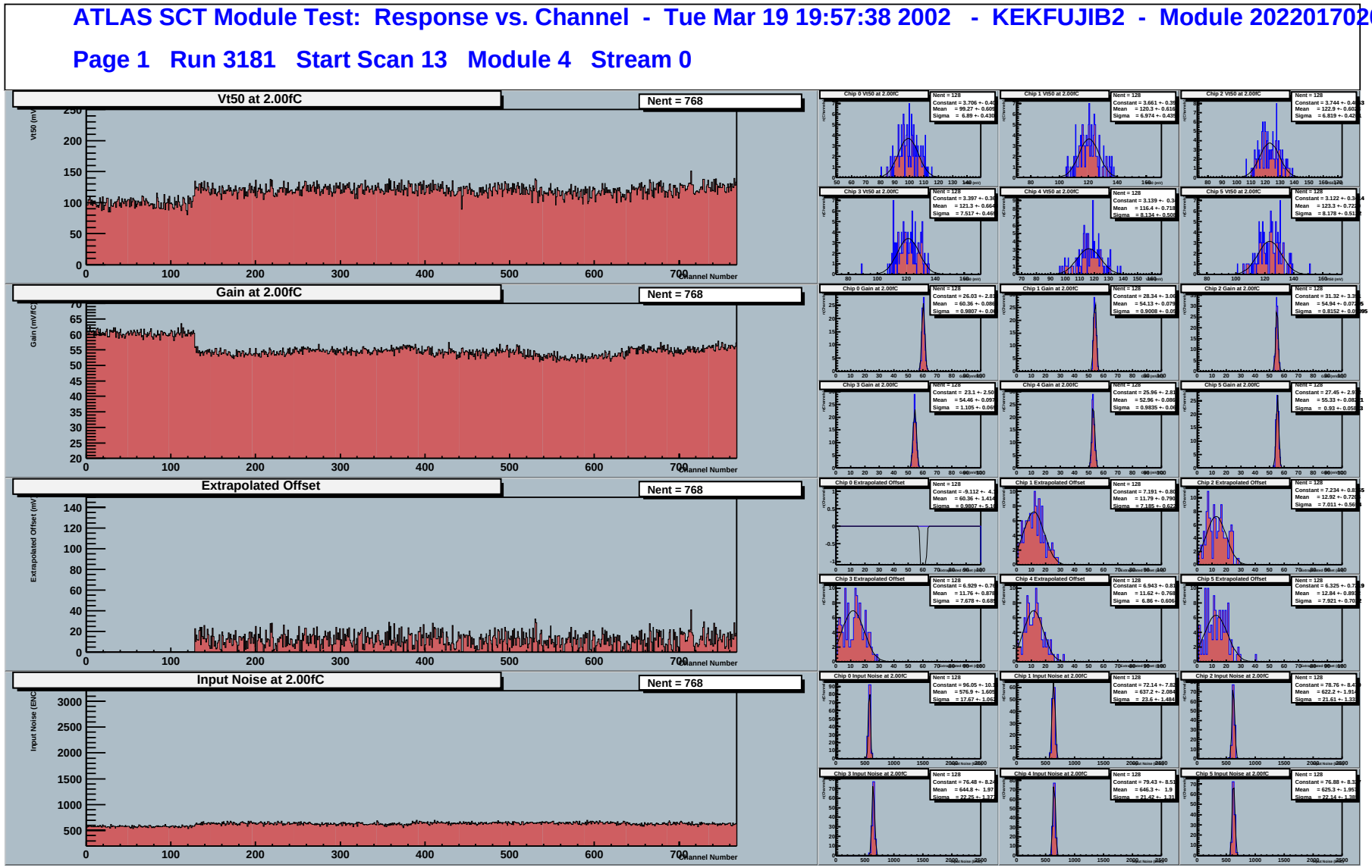
ID = 023 : Trim-DAC loading failed chip : S02 : Z39993-W03-132



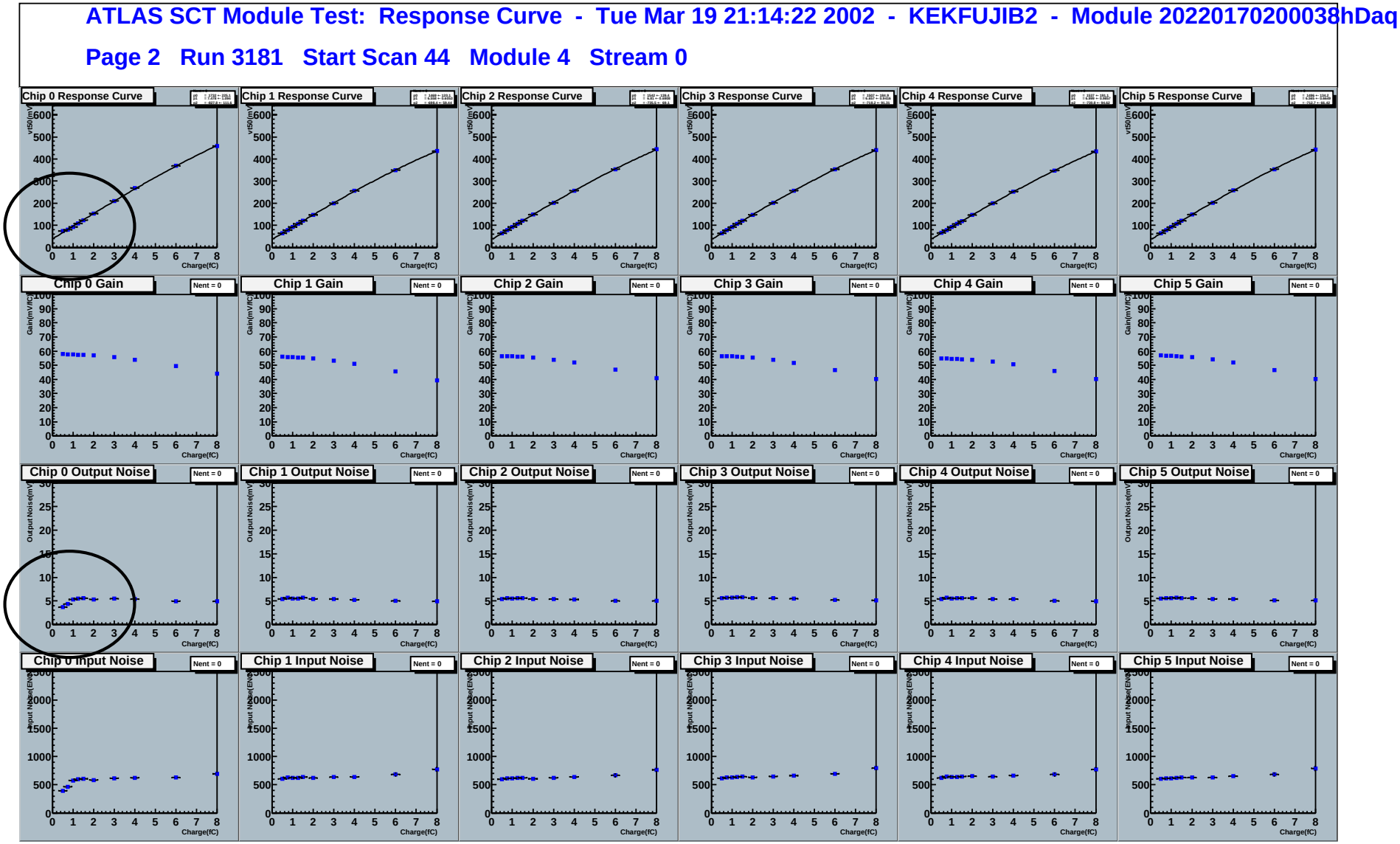
ID = 077 : Trim-DAC loading failed chip : S02 : Z39993-W22-70



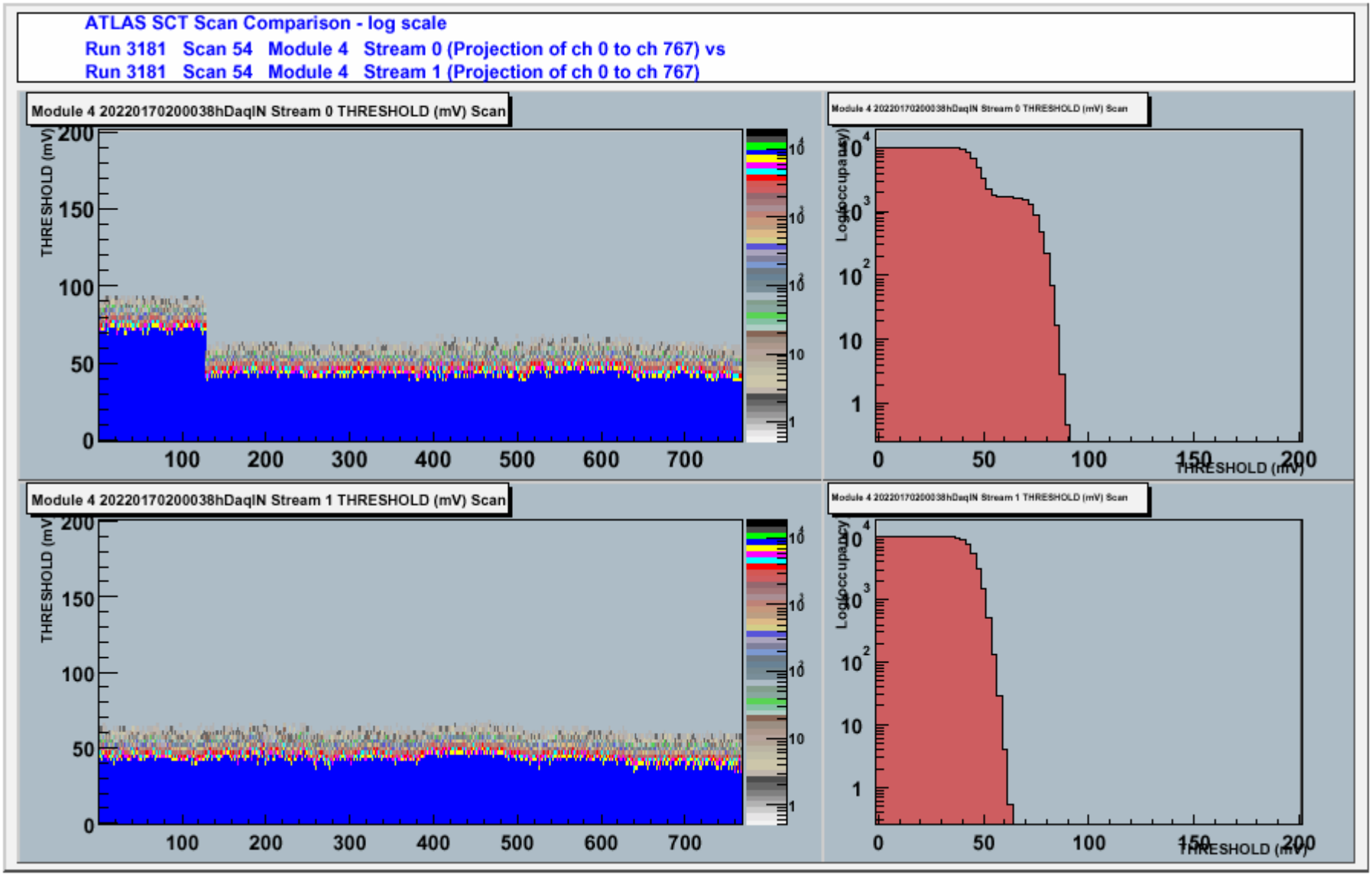
ID = 038 : Negative offset chip : S03 : Z39993-W7-189



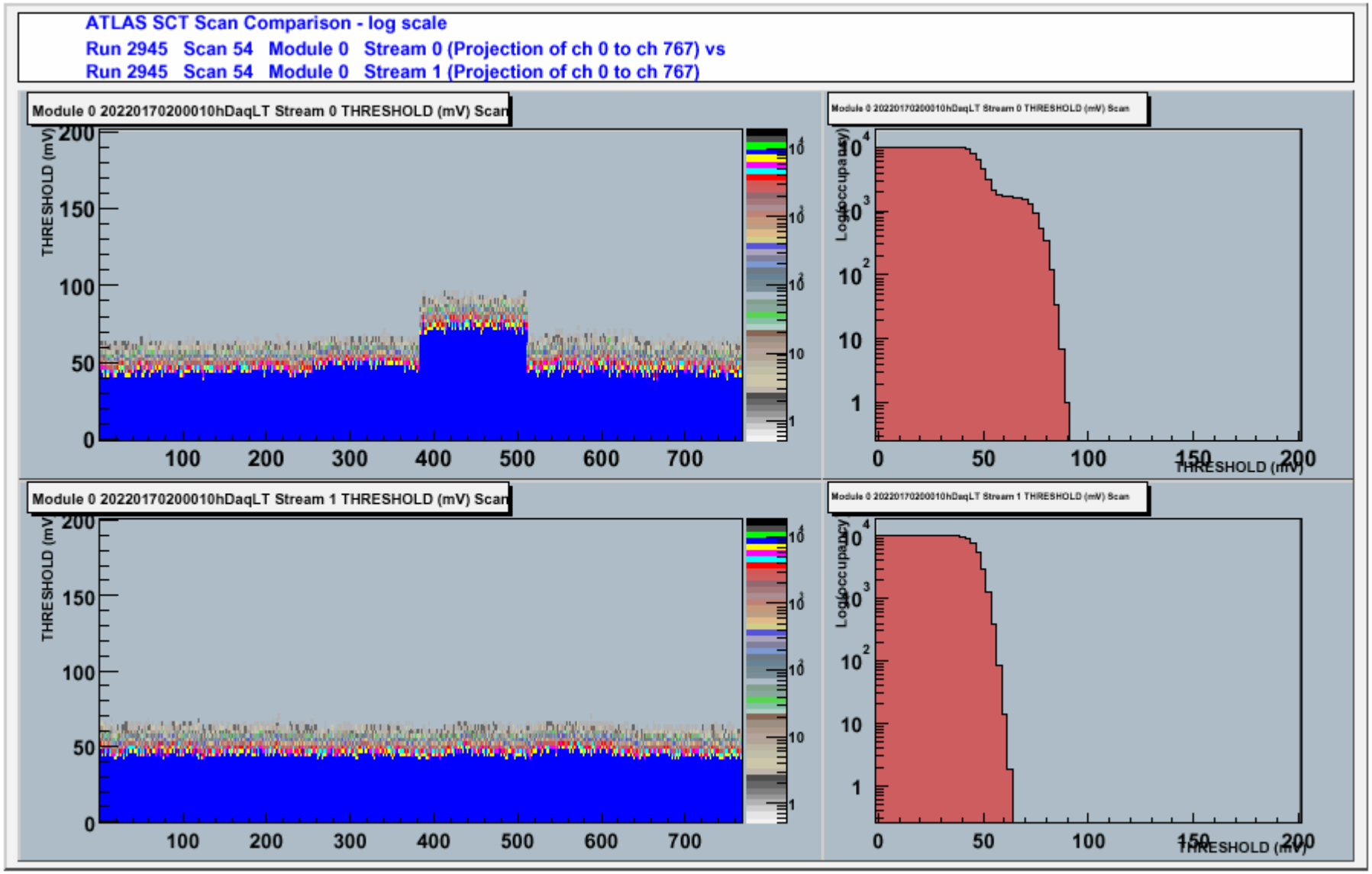
ID = 038 : Negative offset chip : S03 : Z39993-W7-189



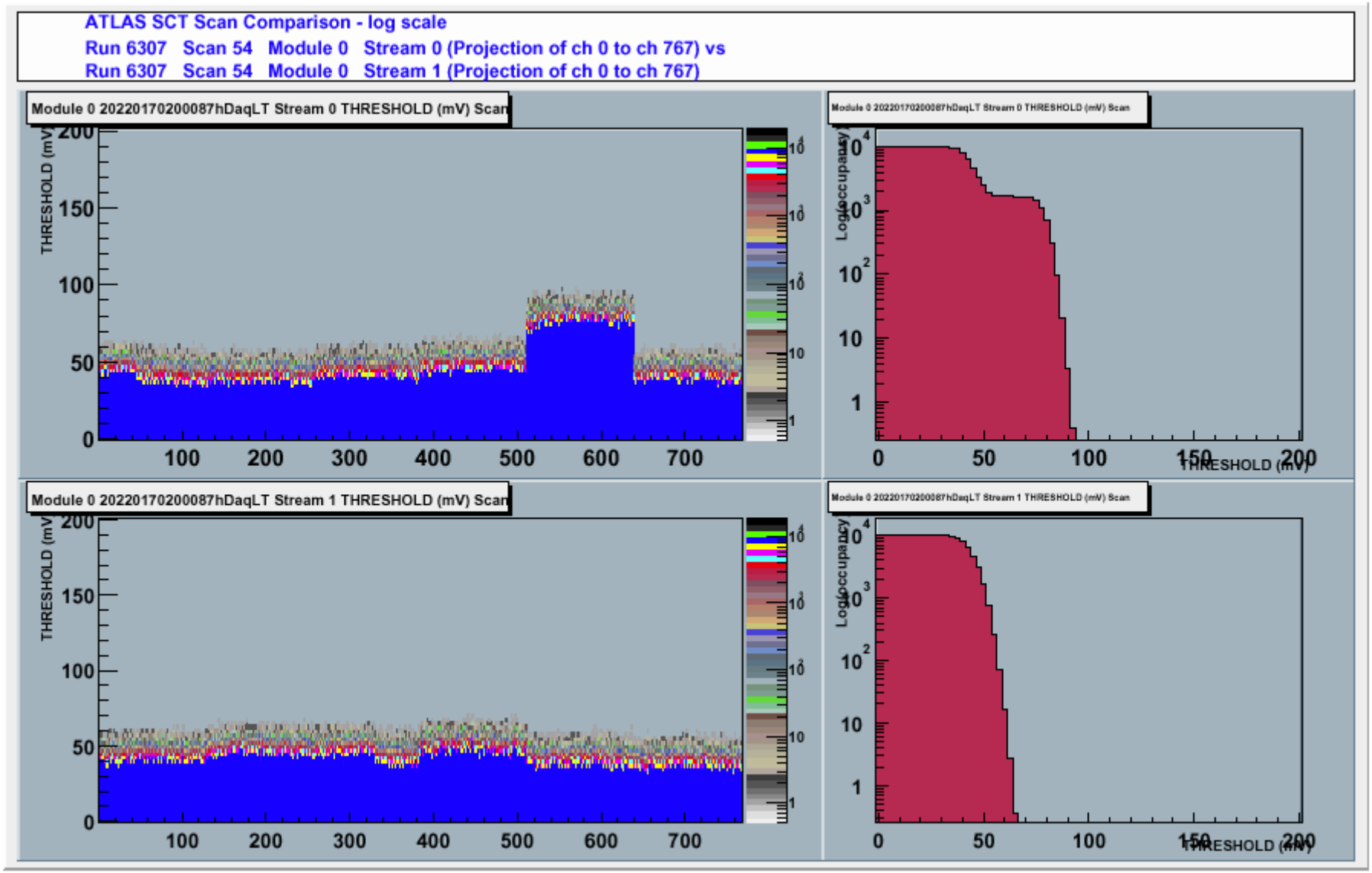
ID = 038 : Negative offset chip : S03 : Z39993-W7-189: module



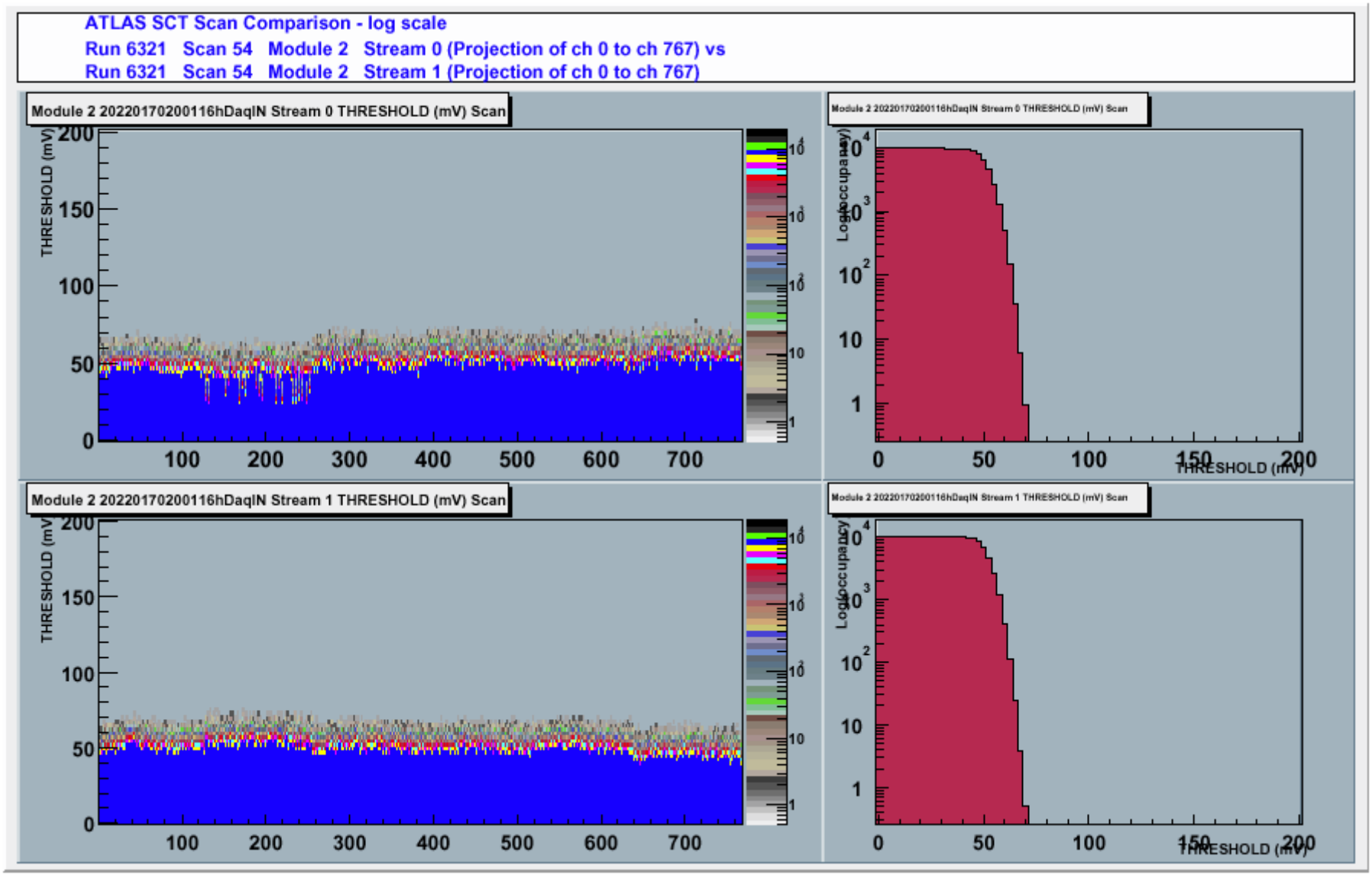
ID = 010 : Negative offset chip : S03 : z39992-w17-45



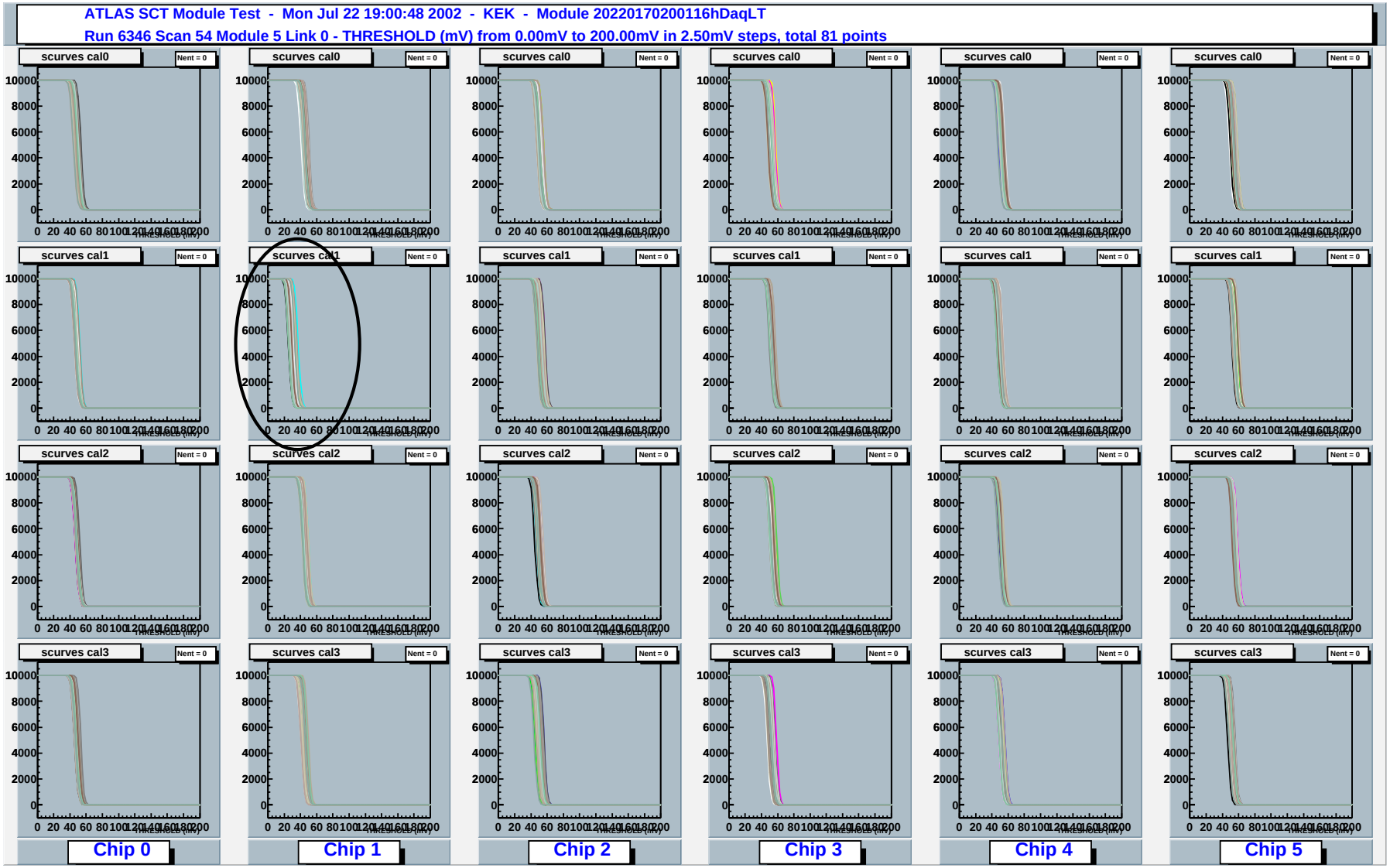
ID = 087 : Negative offset chip : S04 : Z40859-W07-212



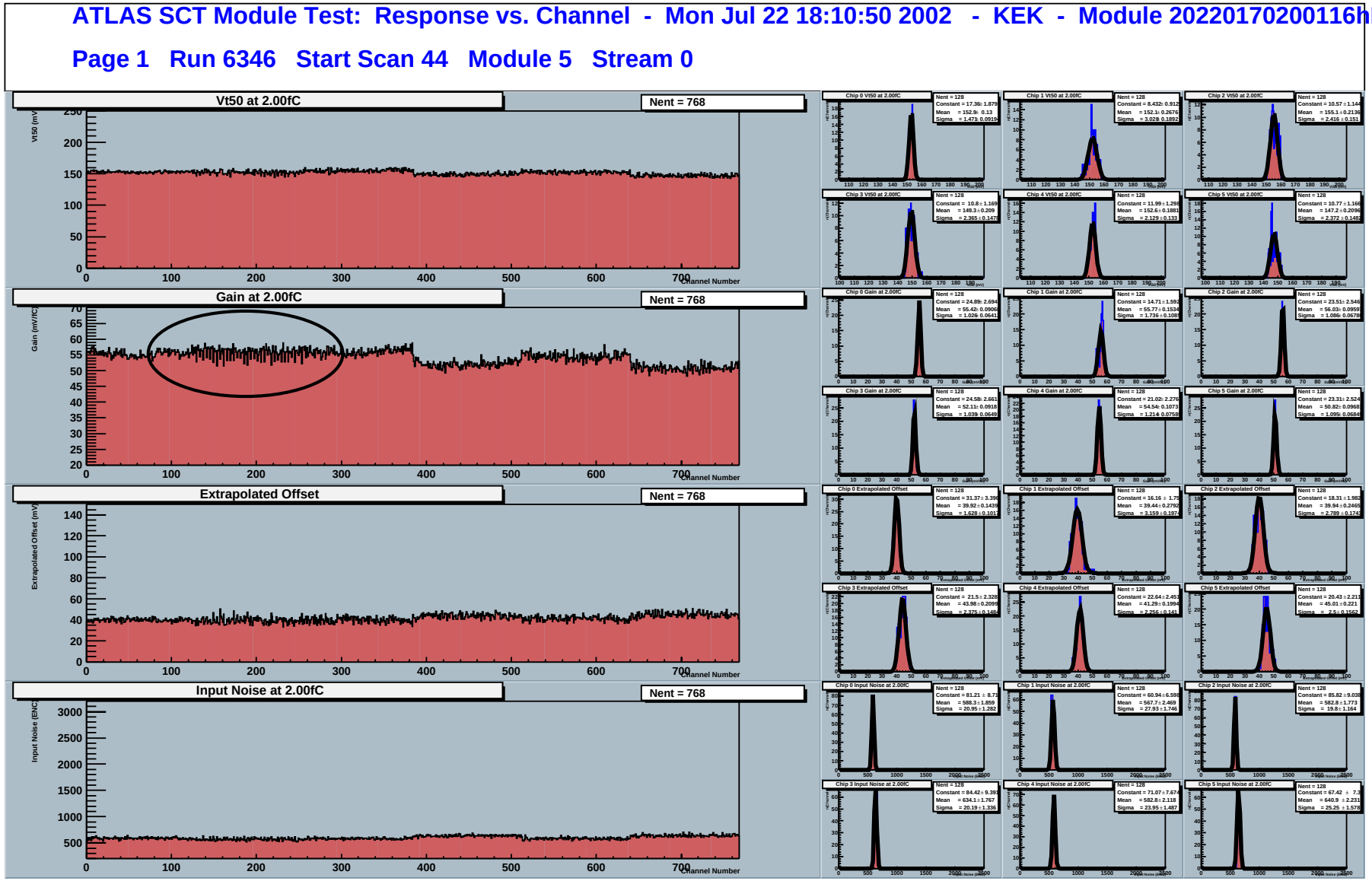
ID = 116 : Abnormal Calib Line : S01 : Z40617-W23-143



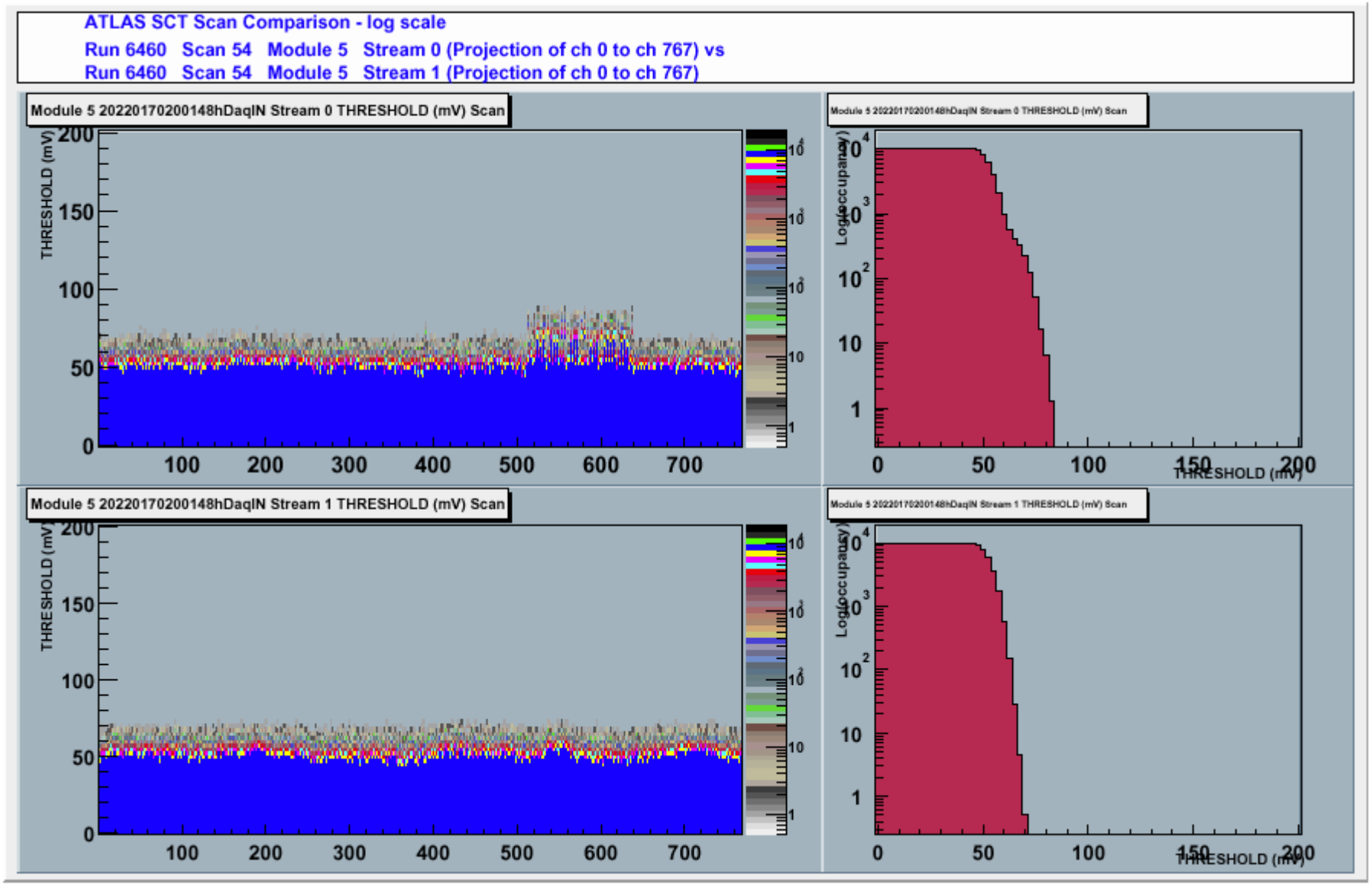
ID = 116 : Abnormal Calib Line : S01 : Z40617-W23-143



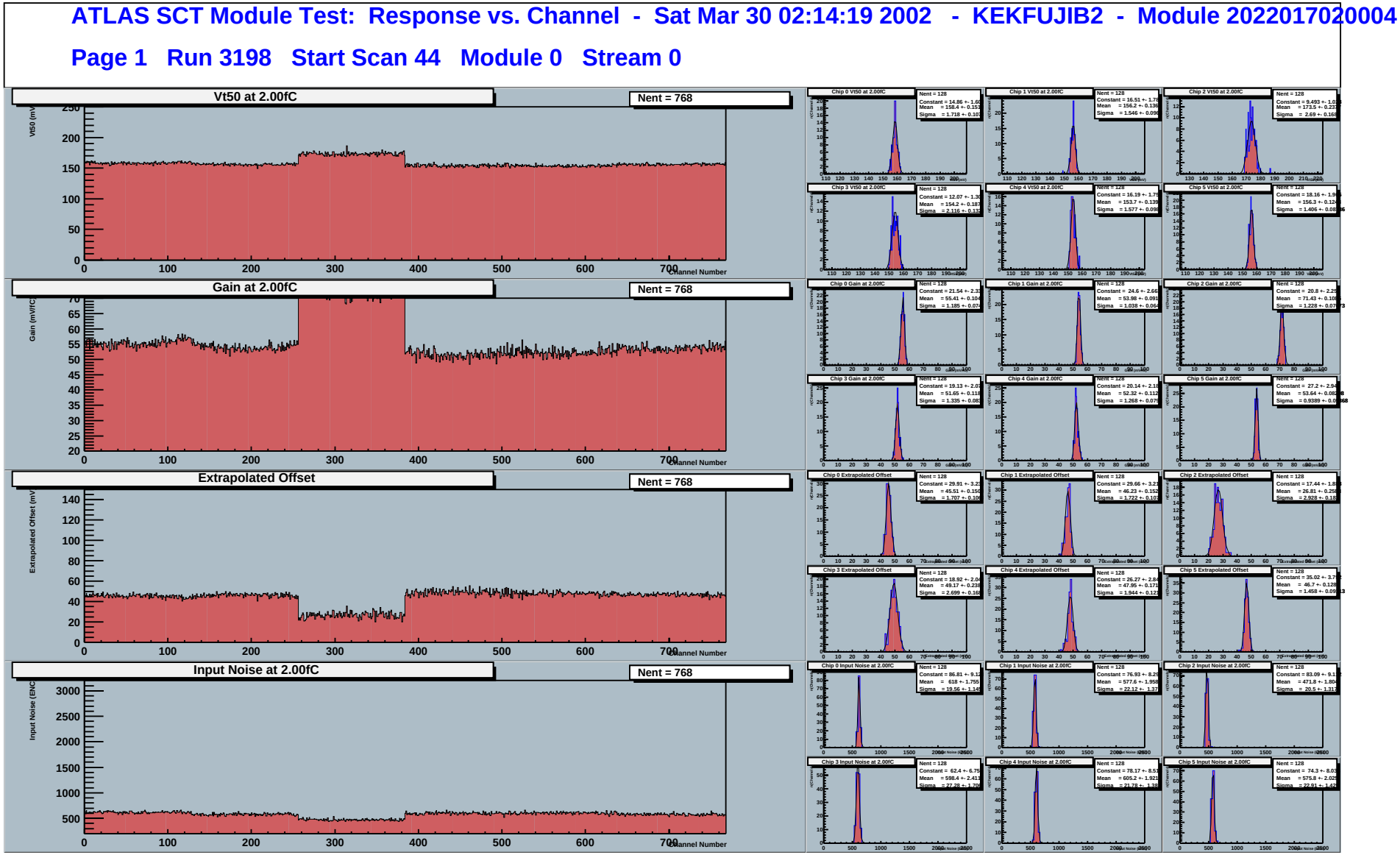
ID = 116 : Abnormal Calib Line : S01 : Z40617-W23-143



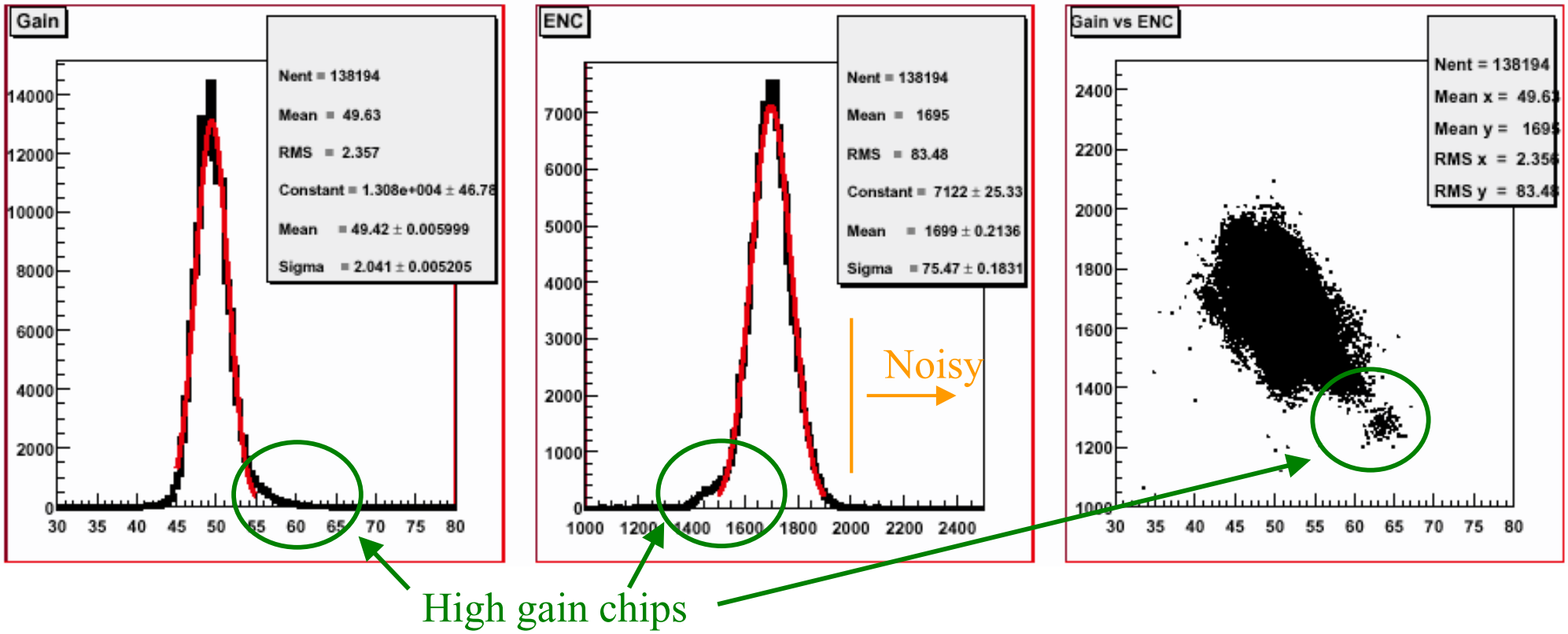
ID = 148 : Abnormal Calib Line : S04 : Z40617-W09-217



ID = 040 : High Gain chip : S02 : Z39993-W04-9



Gain and ENC

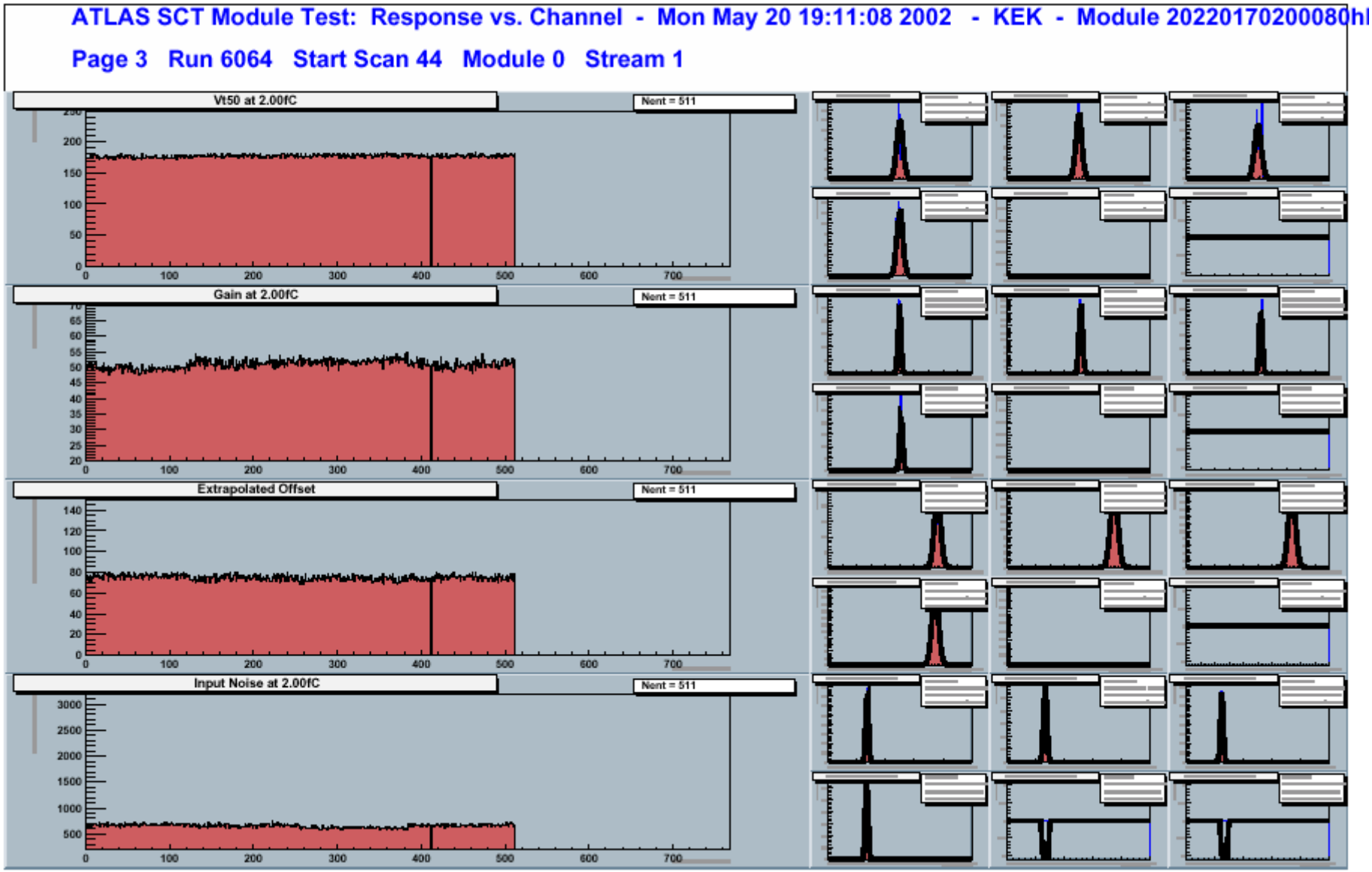


Average Gain = 50 mV/fC

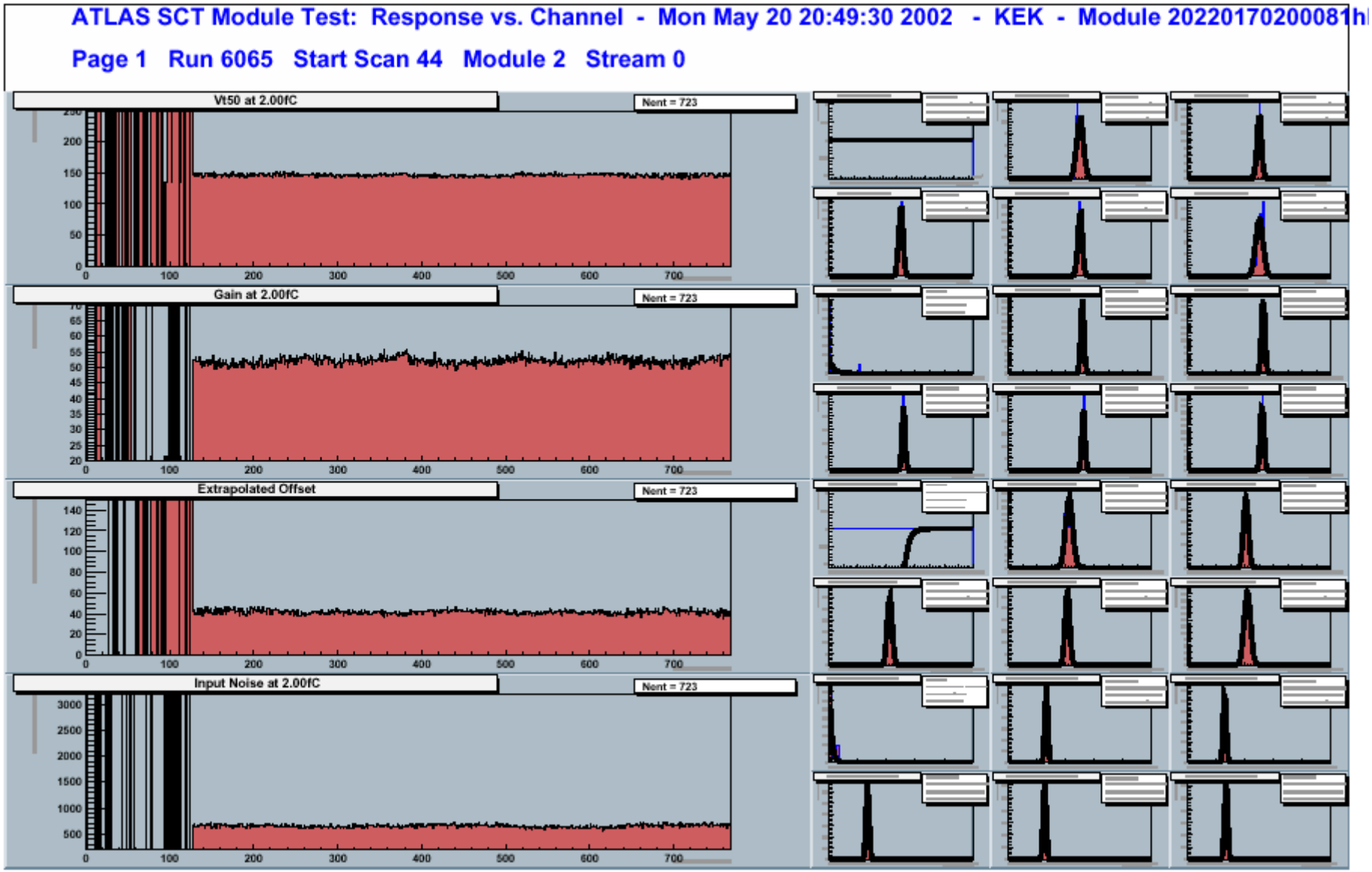
Average ENC = 1695 ± 53 ± 200 e

(stat.) (sys.)

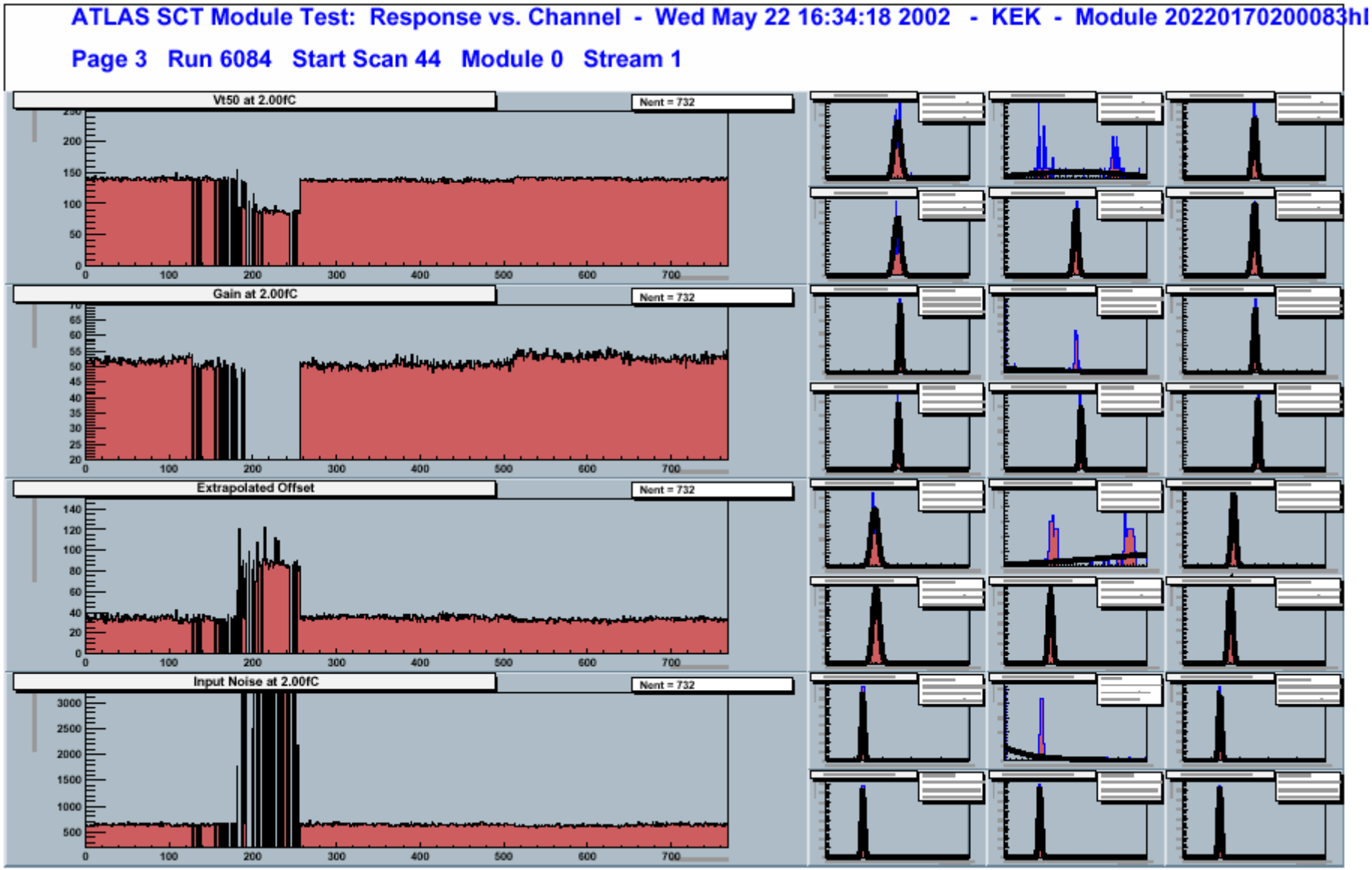
ID = 080 : damaged chip : : Z39993-W02



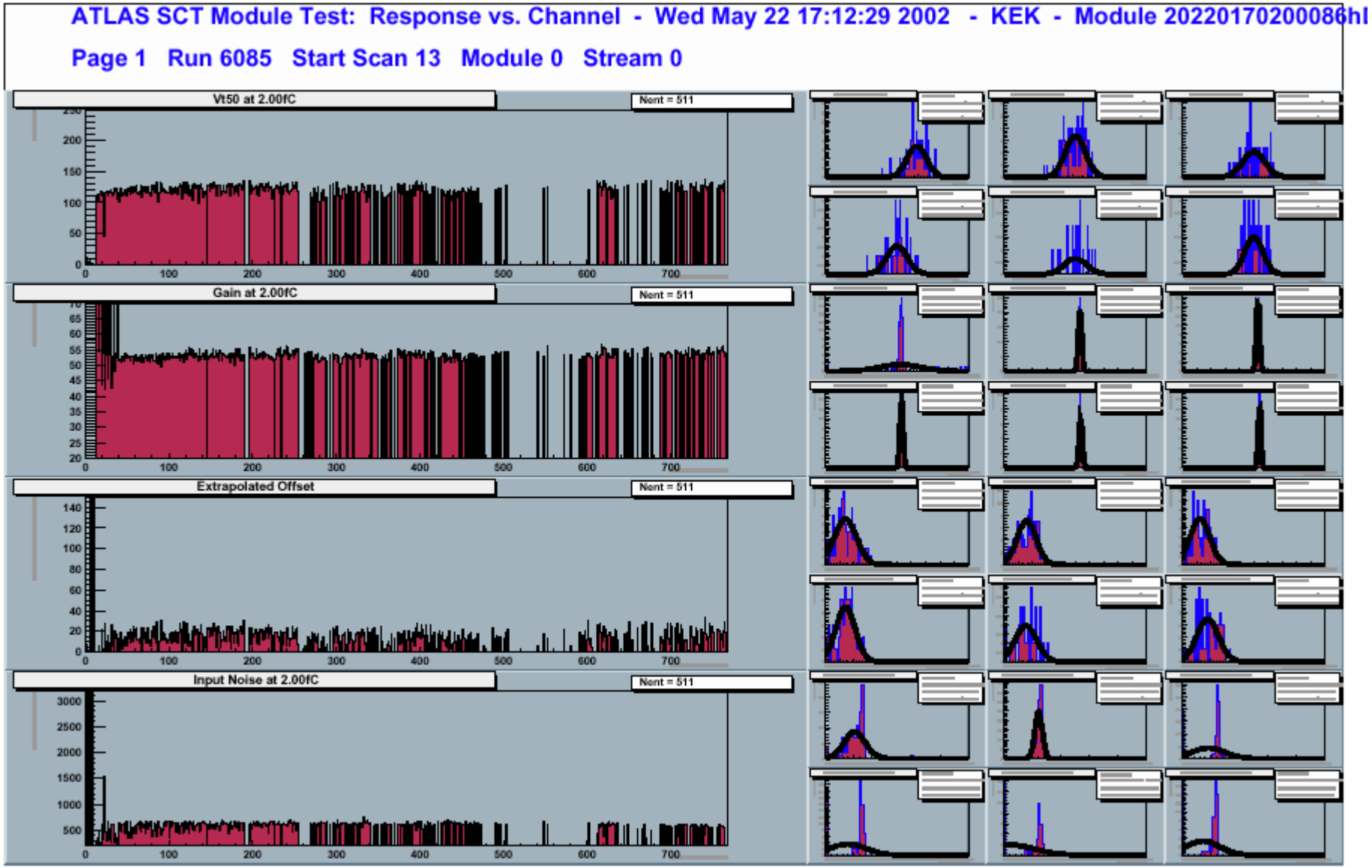
ID = 081 : damaged chip : : Z39993-W02



ID = 083 : damaged chip : : Z39993-W03



ID = 086 : damaged chip : : Z39993-W03,09



Detective ASIS's
28/9/2002

	HybridID	ASICID	Defect
1	20220170200010	Z39992-W17-45	Negative offset
2	20220170200023	Z39993-W03-132	TrimDAC loading failed
3	20220170200040	Z39993-W04-9	High gain
4	20220170200038	Z39993-W07-189	Negative offset
5	20220170200039	Z39993-W07-215	STUCKCELL
6	20220170200065	Z39993-W09-100	Large gain spread
7	20220170200060	Z39993-W09-70	DEAD
8	20220170200077	Z39993-W22-70	TrimDAC loading failed
9	20220170200164	Z40617-W01-104	Large gain spread (cold)
10	20220170200166	Z40617-W01-246	Large gain spread
11	20220170200139	Z40617-W08-50	STUCKCELL
12	20220170200140	Z40617-W08-70	Large gain spread
13	20220170200148	Z40617-W09-217	Abnormal calib line
14	20220170200116	Z40617-W23-143	Abnormal calib line
15	20220170200093	Z40859-W05-211	STUCKCELL
16	20220170200087	Z40859-W07-212	Negative offset
17	20220170200118	Z40859-W08-105	Large gain spread
18	20220170200152	Z40859-W15-196	DEAD
19	20220170200123	Z40859-W16-91	Large gain spread
20	20220170200136	Z40859-W20-163	DEAD
21	20220170200138	Z40859-W20-241	DEAD(Vdd short, Scratch)