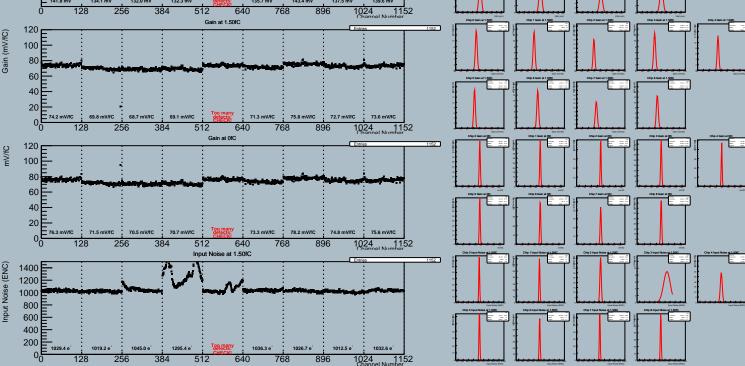
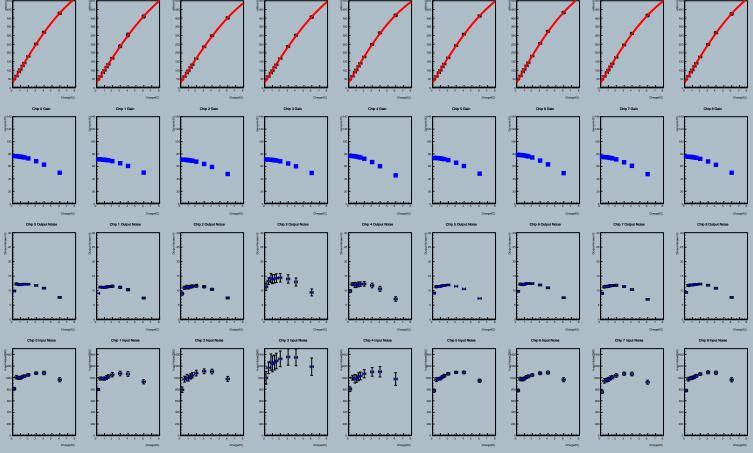
ATLAS ITk Test: Response vs. Channel - Wed Jun 22 16:37:59 2022 - TRIUMF Page 1 Run 1402 Start Scan 8 Stream 0 Module 0 (ABCStar_R5H1_Hybrid2) - Type ABCStar_Test 250 -Vt50 (mV) 200 150 100 50 = 141.8 mV Gain at 1.50fC 120 _ 100 E 60 40 128 256 120 □ 100 F 60 20 384 896 256 640 768



ATLAS ITk Test: Response Curve - Wed Jun 22 16:37:59 2022 - TRIUMF

Page 2 Run 1402 Start Scan 8 Stream 0 Module 0 (ABCStar_R5H1_Hybrid2) - Type ABCStar_Test

Olip 3 Response Curve Olip 1 Response Curve Olip 5 Response Curve Olip 5 Response Curve Olip 6 Response Curve Olip 7 Response Curve Olip 6 Response Curve Olip 6 Response Curve Olip 7 Response C



ATLAS ITk Test: Response vs. Channel - Wed Jun 22 16:37:59 2022 - TRIUMF Page 3 Run 1402 Start Scan 8 Stream 1 Module 0 (ABCStar_R5H1_Hybrid2) - Type ABCStar_Test 250 -Vt50 (mV) 50 143.4 mV Gain at 1.50fC 120 = 100 E Gain at 0fC 120 □ 100 F 1024 1152 Input Noise at 1.50fC 1400 E 1000 E 767.1 e

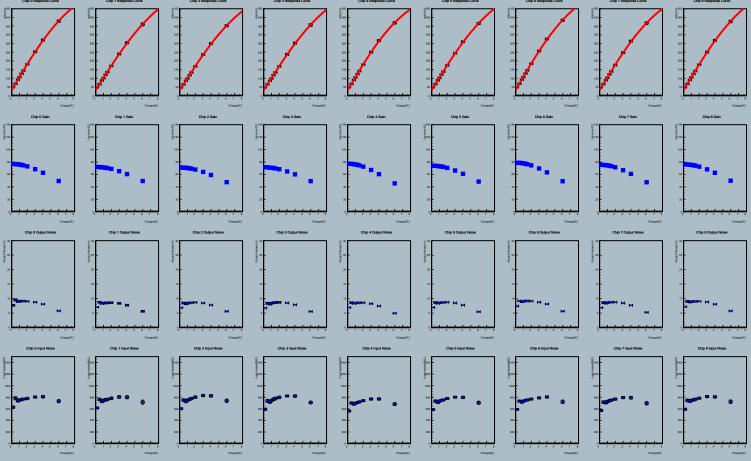
ATLAS ITk Test: Response Curve - Wed Jun 22 16:37:59 2022 - TRIUMF

Page 4 Run 1402 Start Scan 8 Stream 1 Module 0 (ABCStar_R5H1_Hybrid2) - Type ABCStar_Test

Page 4 Run 1402 Start Scan 8 Stream 1 Module 0 (ABCStar_R5H1_Hybrid2) - Type ABCStar_Test

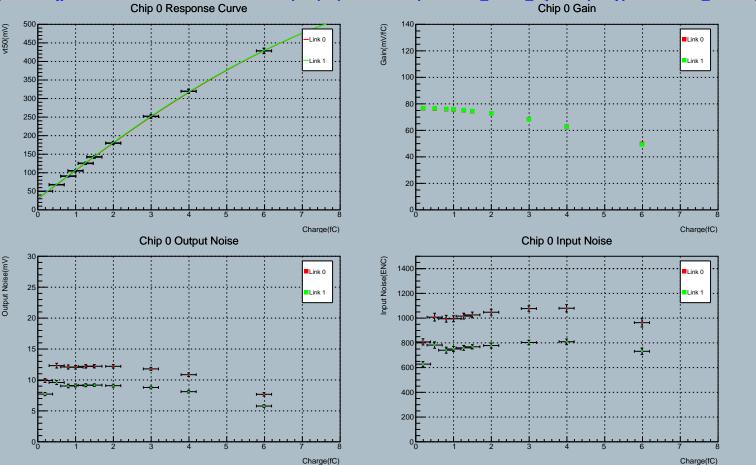
Obj. P Response Core

Obj. P Respons



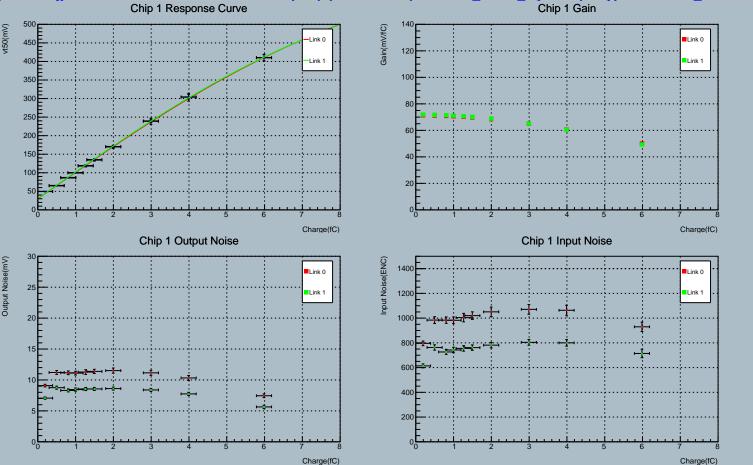
ATLAS ITk Test: Response Curve detail - Wed Jun 22 16:37:59 2022 - TRIUMF

Page 4 Run 1402 Start Scan 8 Chip 0 (10) Module 0 (ABCStar_R5H1_Hybrid2) - Type ABCStar_Test



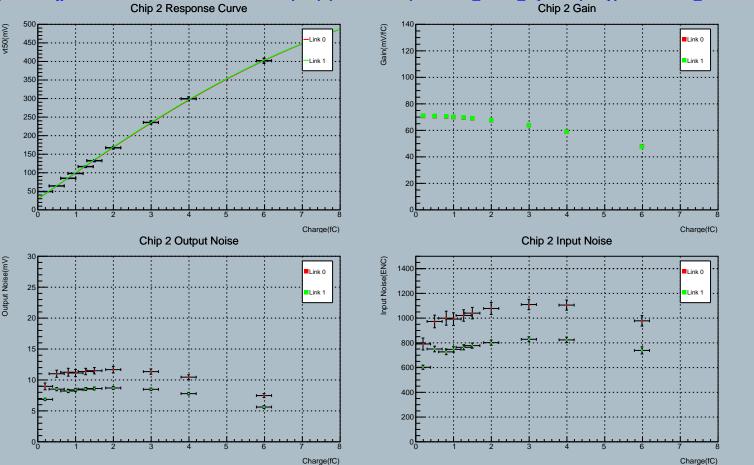
ATLAS ITk Test: Response Curve detail - Wed Jun 22 16:37:59 2022 - TRIUMF

Page 5 Run 1402 Start Scan 8 Chip 1 (9) Module 0 (ABCStar_R5H1_Hybrid2) - Type ABCStar_Test



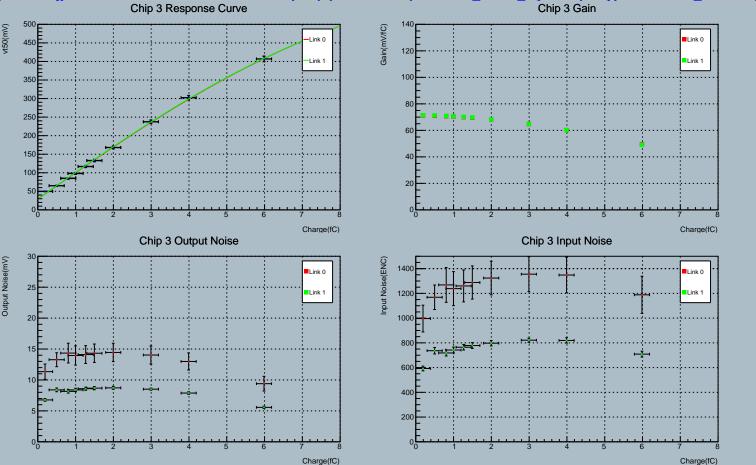
ATLAS ITk Test: Response Curve detail - Wed Jun 22 16:37:59 2022 - TRIUMF

Page 6 Run 1402 Start Scan 8 Chip 2 (8) Module 0 (ABCStar_R5H1_Hybrid2) - Type ABCStar_Test



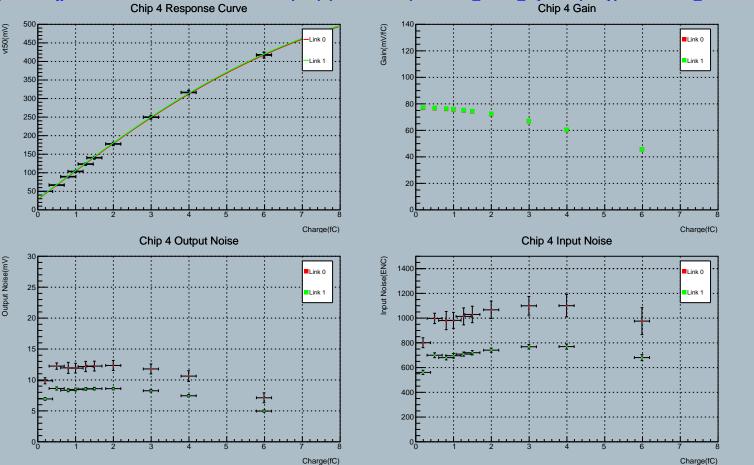
ATLAS ITk Test: Response Curve detail - Wed Jun 22 16:37:59 2022 - TRIUMF

Page 7 Run 1402 Start Scan 8 Chip 3 (7) Module 0 (ABCStar_R5H1_Hybrid2) - Type ABCStar_Test



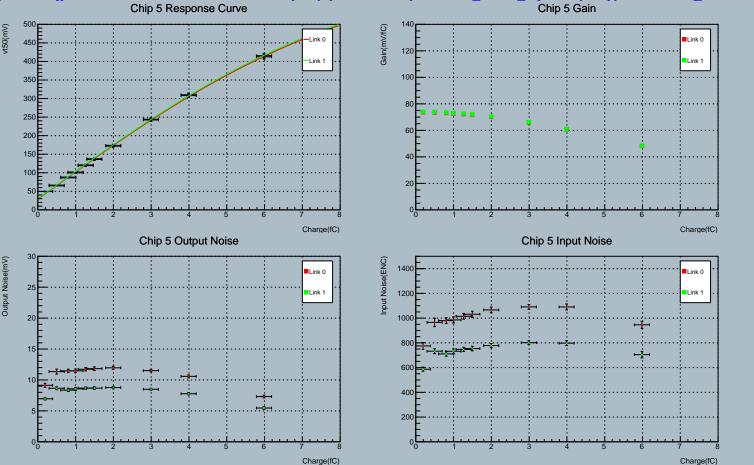
ATLAS ITk Test: Response Curve detail - Wed Jun 22 16:37:59 2022 - TRIUMF

Page 8 Run 1402 Start Scan 8 Chip 4 (6) Module 0 (ABCStar_R5H1_Hybrid2) - Type ABCStar_Test



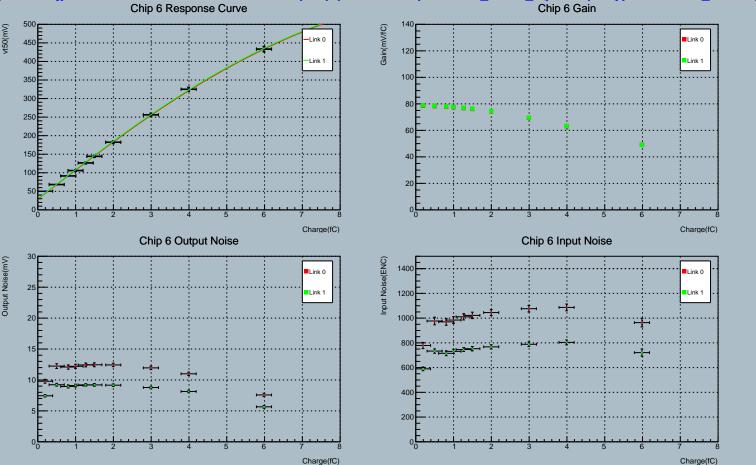
ATLAS ITk Test: Response Curve detail - Wed Jun 22 16:37:59 2022 - TRIUMF

Page 9 Run 1402 Start Scan 8 Chip 5 (5) Module 0 (ABCStar_R5H1_Hybrid2) - Type ABCStar_Test



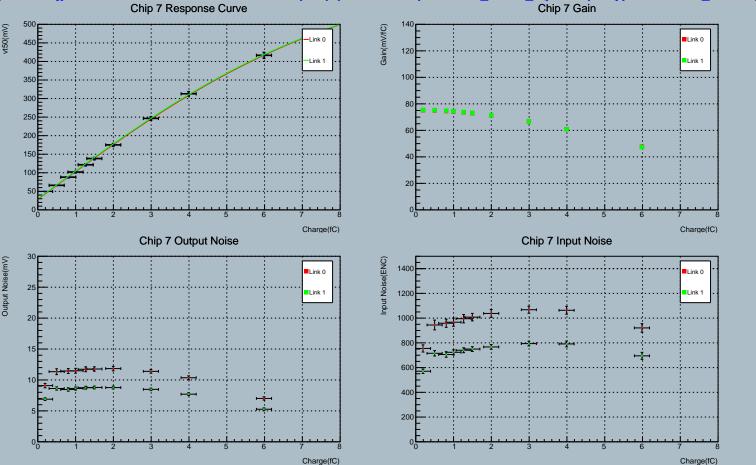
ATLAS ITk Test: Response Curve detail - Wed Jun 22 16:37:59 2022 - TRIUMF

Page 10 Run 1402 Start Scan 8 Chip 6 (4) Module 0 (ABCStar_R5H1_Hybrid2) - Type ABCStar_Test



ATLAS ITk Test: Response Curve detail - Wed Jun 22 16:37:59 2022 - TRIUMF

Page 11 Run 1402 Start Scan 8 Chip 7 (3) Module 0 (ABCStar_R5H1_Hybrid2) - Type ABCStar_Test



ATLAS ITk Test: Response Curve detail - Wed Jun 22 16:37:59 2022 - TRIUMF

Page 12 Run 1402 Start Scan 8 Chip 8 (2) Module 0 (ABCStar_R5H1_Hybrid2) - Type ABCStar_Test

