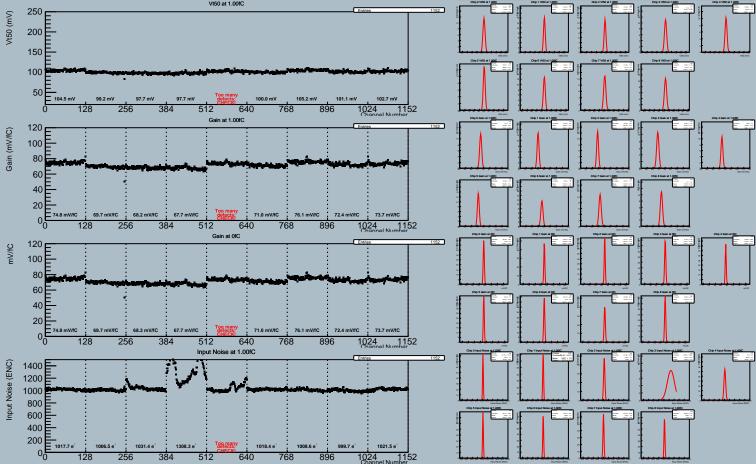
ATLAS ITk Test: Response vs. Channel - Wed Jun 22 16:36:25 2022 - TRIUMF

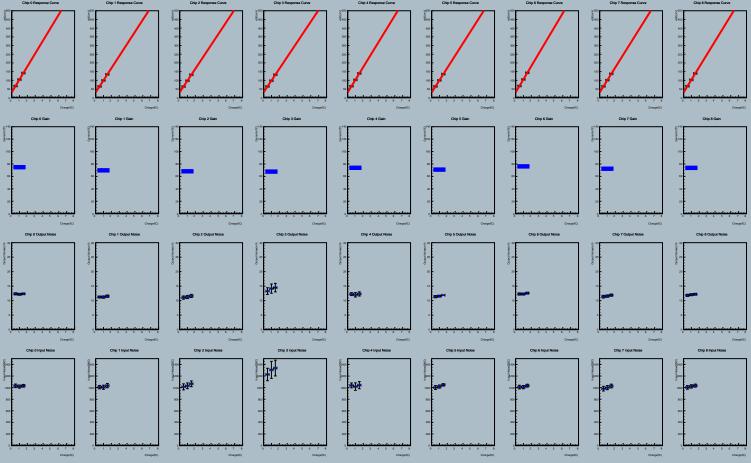
Page 1 Run 1402 Start Scan 5 Stream 0 Module 0 (ABCStar_R5H1_Hybrid2) - Type ABCStar_Test

V50 at 1,000C

V50 at 1,000C

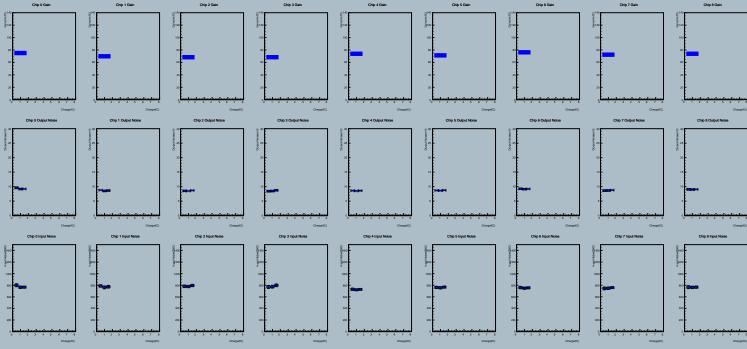


ATLAS ITk Test: Response Curve - Wed Jun 22 16:36:25 2022 - TRIUMF Page 2 Run 1402 Start Scan 5 Stream 0 Module 0 (ABCStar_R5H1_Hybrid2) - Type ABCStar_Test One of Response Curve One of Response Curve



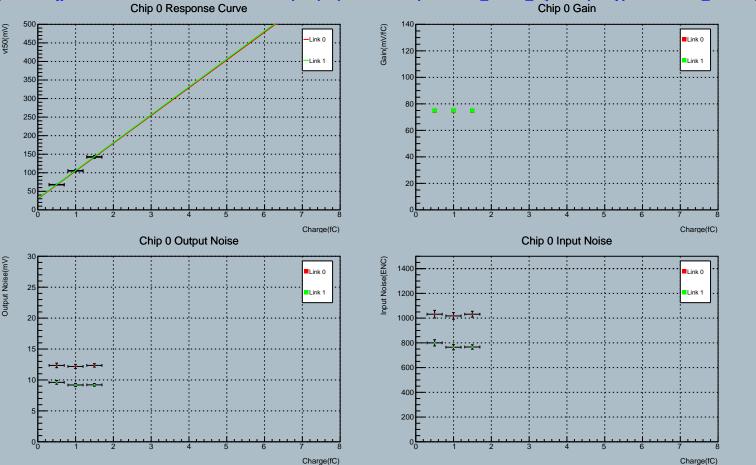
ATLAS ITk Test: Response vs. Channel - Wed Jun 22 16:36:25 2022 - TRIUMF Page 3 Run 1402 Start Scan 5 Stream 1 Module 0 (ABCStar_R5H1_Hybrid2) - Type ABCStar_Test 250 -50 = 106.1 mV Gain at 1.00fC 120 = 100 E Gain at 0fC 120 □ 100 F 1024 1152 Input Noise at 1.00fC 1400 E 1000 E

ATLAS ITk Test: Response Curve - Wed Jun 22 16:36:25 2022 - TRIUMF Page 4 Run 1402 Start Scan 5 Stream 1 Module 0 (ABCStar_R5H1_Hybrid2) - Type ABCStar_Test City of Response Cores City of Response Core City of Chip 0 Gain Chip 1 Gain Chip 2 Gain Chip 3 Gain Chip 4 Gain Chip 5 Gain Chip 6 Gain Chip 7 Gain Chip 8 Gain Chip 0 Output Noise Chip 1 Output Noise Chip 3 Output Noise



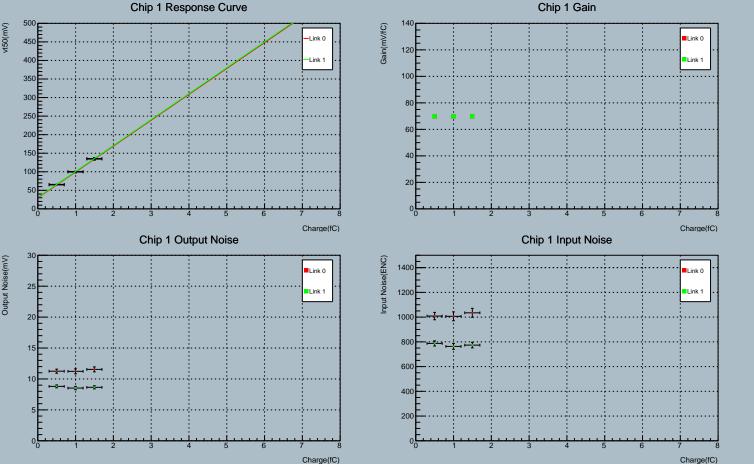
ATLAS ITk Test: Response Curve detail - Wed Jun 22 16:36:25 2022 - TRIUMF

Page 4 Run 1402 Start Scan 5 Chip 0 (10) Module 0 (ABCStar_R5H1_Hybrid2) - Type ABCStar_Test



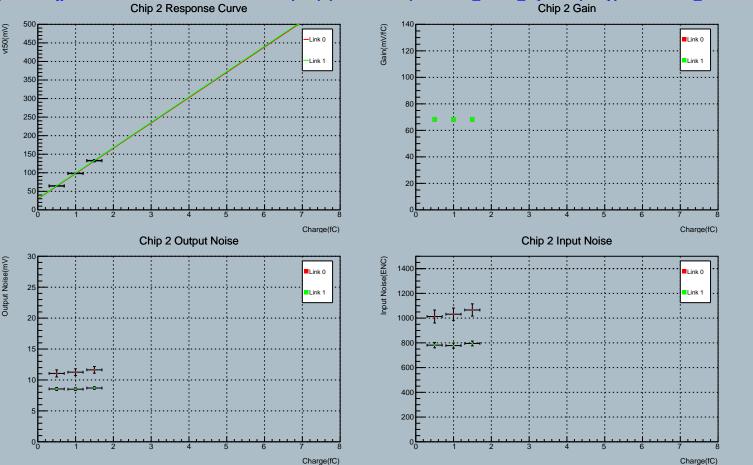
ATLAS ITk Test: Response Curve detail - Wed Jun 22 16:36:25 2022 - TRIUMF

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



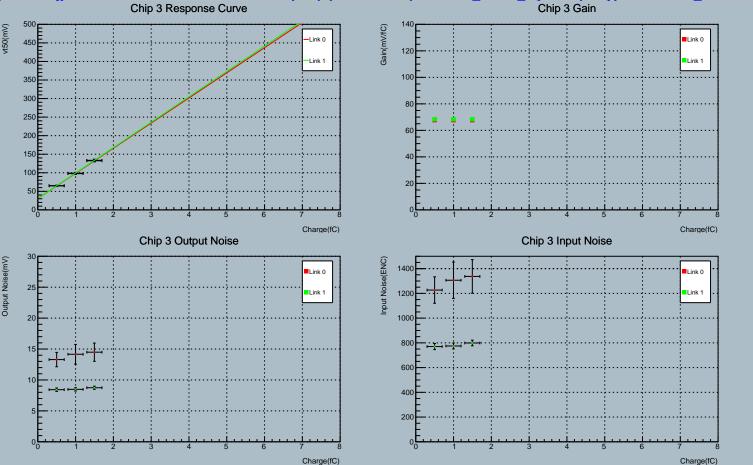
ATLAS ITk Test: Response Curve detail - Wed Jun 22 16:36:25 2022 - TRIUMF

Page 6 Run 1402 Start Scan 5 Chip 2 (8) Module 0 (ABCStar_R5H1_Hybrid2) - Type ABCStar_Test



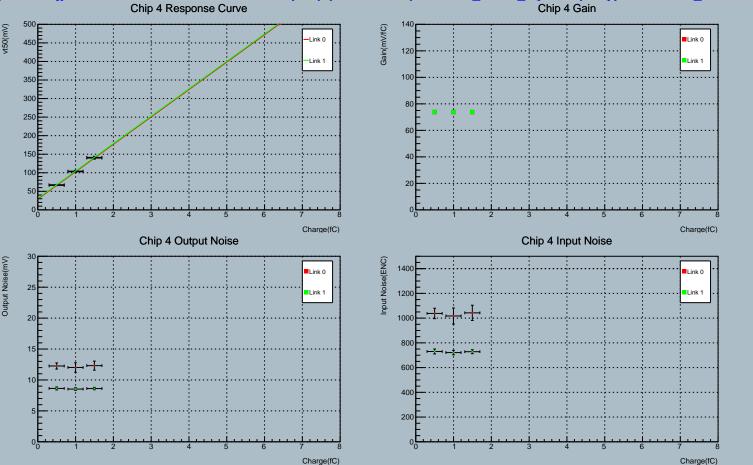
ATLAS ITk Test: Response Curve detail - Wed Jun 22 16:36:25 2022 - TRIUMF

Page 7 Run 1402 Start Scan 5 Chip 3 (7) Module 0 (ABCStar_R5H1_Hybrid2) - Type ABCStar_Test



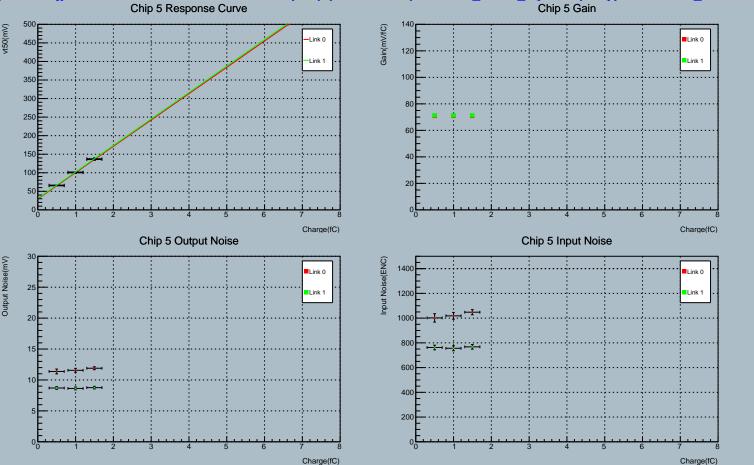
ATLAS ITk Test: Response Curve detail - Wed Jun 22 16:36:25 2022 - TRIUMF

Page 8 Run 1402 Start Scan 5 Chip 4 (6) Module 0 (ABCStar_R5H1_Hybrid2) - Type ABCStar_Test



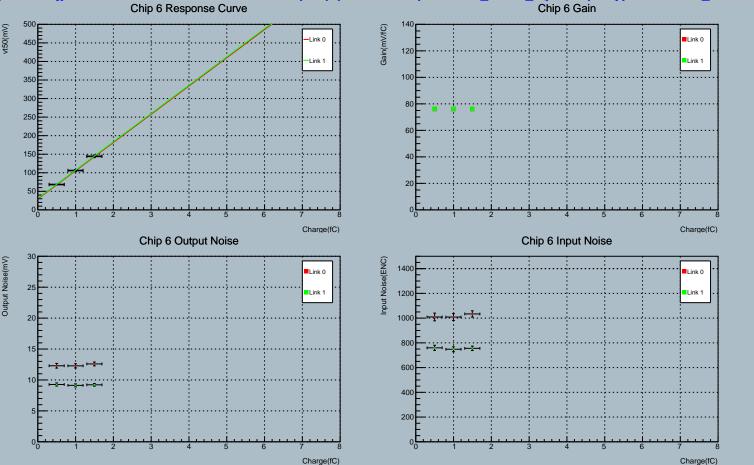
ATLAS ITk Test: Response Curve detail - Wed Jun 22 16:36:25 2022 - TRIUMF

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



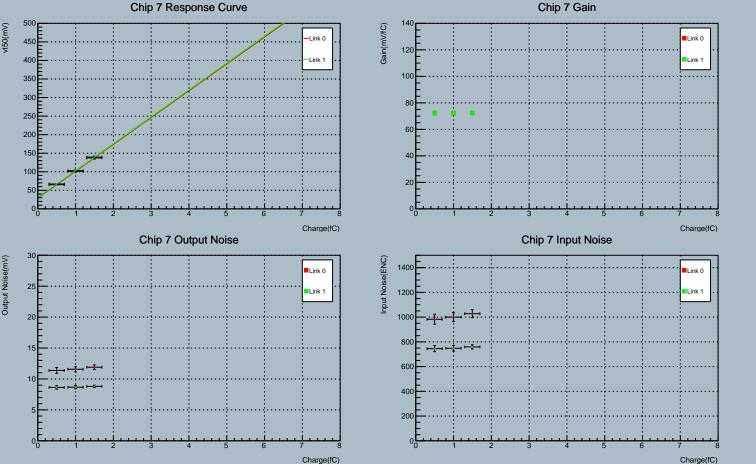
ATLAS ITk Test: Response Curve detail - Wed Jun 22 16:36:25 2022 - TRIUMF

Page 10 Run 1402 Start Scan 5 Chip 6 (4) Module 0 (ABCStar_R5H1_Hybrid2) - Type ABCStar_Test



ATLAS ITk Test: Response Curve detail - Wed Jun 22 16:36:25 2022 - TRIUMF

Page 11 Run 1402 Start Scan 5 Chip 7 (3) Module 0 (ABCStar_R5H1_Hybrid2) - Type ABCStar_Test



ATLAS ITk Test: Response Curve detail - Wed Jun 22 16:36:25 2022 - TRIUMF

Page 12 Run 1402 Start Scan 5 Chip 8 (2) Module 0 (ABCStar_R5H1_Hybrid2) - Type ABCStar_Test

