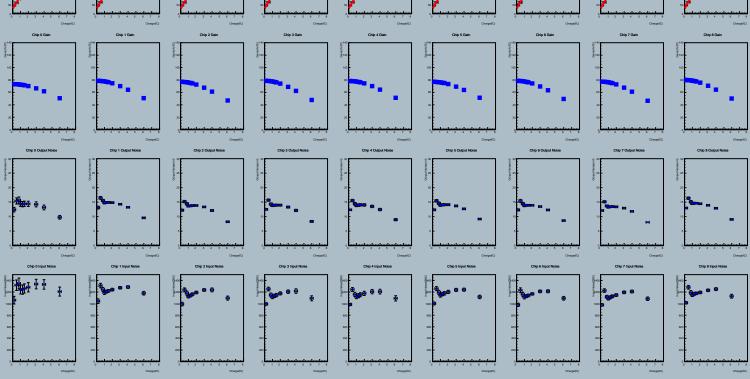
ATLAS ITk Test: Response vs. Channel - Wed Jun 22 16:37:59 2022 - TRIUMF Page 1 Run 1402 Start Scan 8 Stream 0 Module 1 (ABCStar_R5H0_Hybrid3) - Type ABCStar_Test 250 r Vt50 (mV) 50 = 135.3 mV Gain at 1.50fC 120 ⊏ 100 E 80 F Gain at 0fC 120 □ 100 F 80 E 1024 1152 Input Noise at 1.50fC 1400 E

1182.4 e

ATLAS ITk Test: Response Curve - Wed Jun 22 16:37:59 2022 - TRIUMF Page 2 Run 1402 Start Scan 8 Stream 0 Module 1 (ABCStar_R5H0_Hybrid3) - Type ABCStar_Test

© 10 1 Regions Core © 10 1 Regions 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

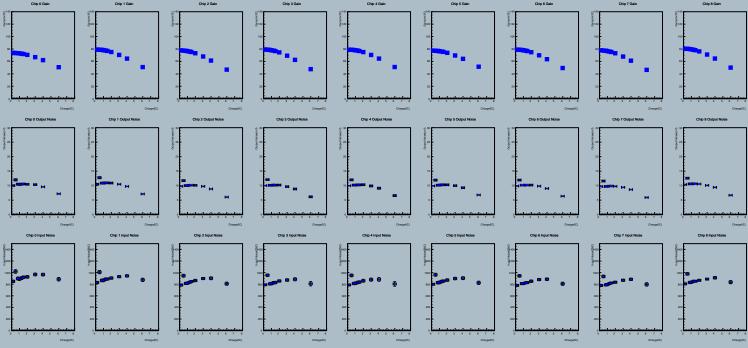


ATLAS ITk Test: Response vs. Channel - Wed Jun 22 16:37:59 2022 - TRIUMF Page 3 Run 1402 Start Scan 8 Stream 1 Module 1 (ABCStar_R5H0_Hybrid3) - Type ABCStar_Test 250 -Vt50 (mV) 50 = 137.6 mV Gain at 1.50fC 120 ⊏ 100 E 80 E Gain at 0fC 120 □ 100 F 1024 1152 Input Noise at 1.50fC 1400 E

ATLAS ITk Test: Response Curve - Wed Jun 22 16:37:59 2022 - TRIUMF Page 4 Run 1402 Start Scan 8 Stream 1 Module 1 (ABCStar_R5H0_Hybrid3) - Type ABCStar_Test

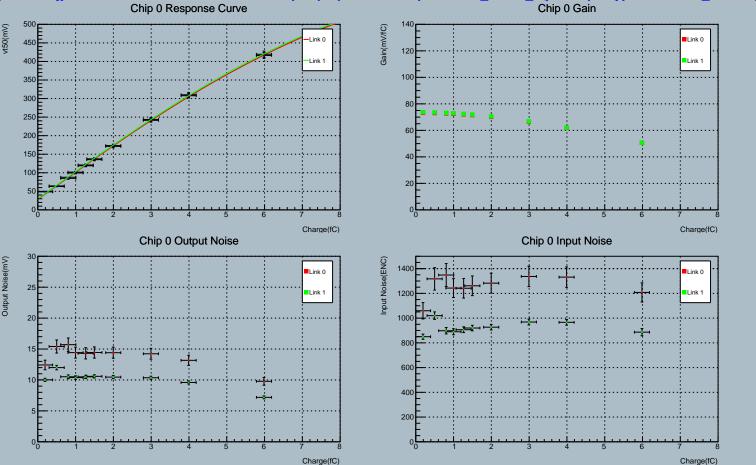
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© Chip 0 Gain Chip 1 Gain Chip 2 Gain Chip 3 Gain Chip 4 Gain Chip 5 Gain Chip 6 Gain Chip 7 Gain Chip 8 Gain



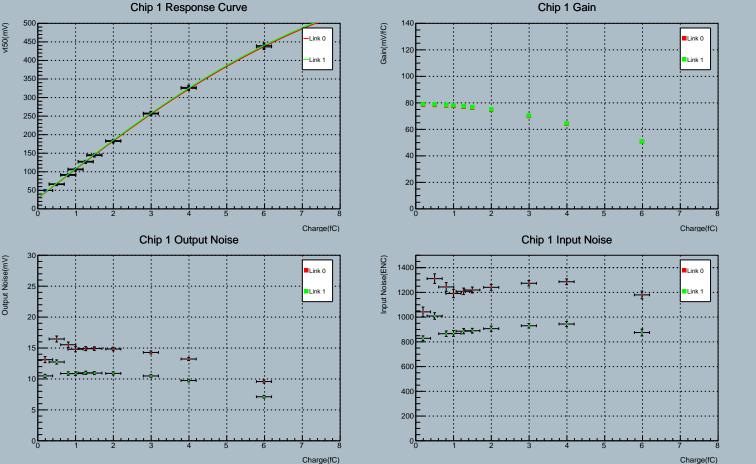
ATLAS ITk Test: Response Curve detail - Wed Jun 22 16:37:59 2022 - TRIUMF

Page 4 Run 1402 Start Scan 8 Chip 0 (10) Module 1 (ABCStar_R5H0_Hybrid3) - Type ABCStar_Test



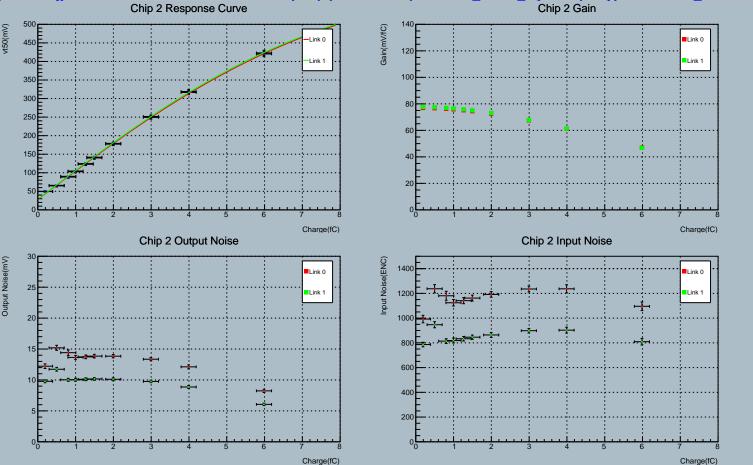
ATLAS ITk Test: Response Curve detail - Wed Jun 22 16:37:59 2022 - TRIUMF

Page 5 Run 1402 Start Scan 8 Chip 1 (9) Module 1 (ABCStar_R5H0_Hybrid3) - Type ABCStar_Test



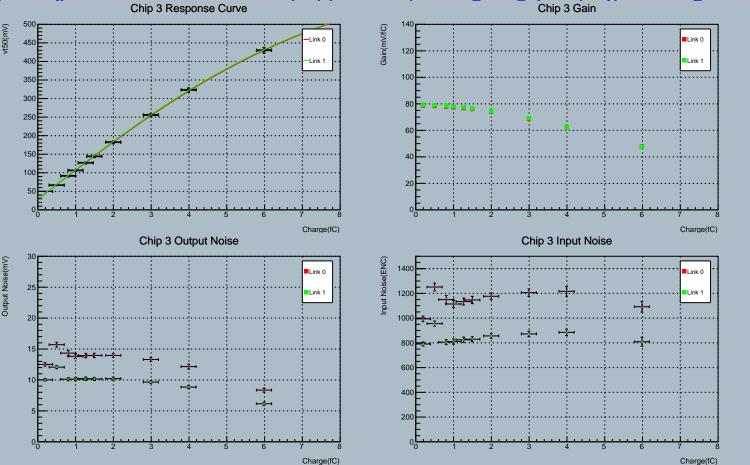
ATLAS ITk Test: Response Curve detail - Wed Jun 22 16:37:59 2022 - TRIUMF

Page 6 Run 1402 Start Scan 8 Chip 2 (8) Module 1 (ABCStar_R5H0_Hybrid3) - Type ABCStar_Test



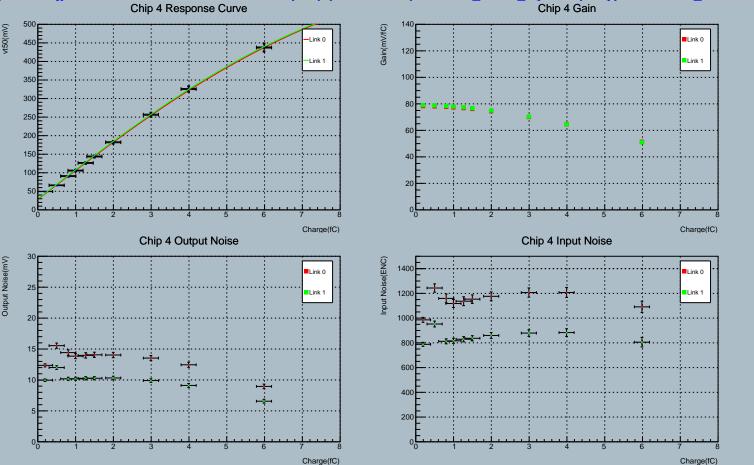
ATLAS ITk Test: Response Curve detail - Wed Jun 22 16:37:59 2022 - TRIUMF

Page 7 Run 1402 Start Scan 8 Chip 3 (7) Module 1 (ABCStar_R5H0_Hybrid3) - Type ABCStar_Test



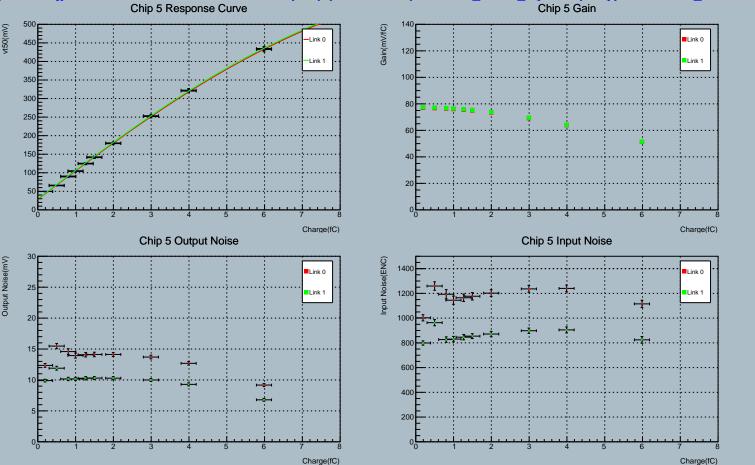
ATLAS ITk Test: Response Curve detail - Wed Jun 22 16:37:59 2022 - TRIUMF

Page 8 Run 1402 Start Scan 8 Chip 4 (6) Module 1 (ABCStar_R5H0_Hybrid3) - Type ABCStar_Test



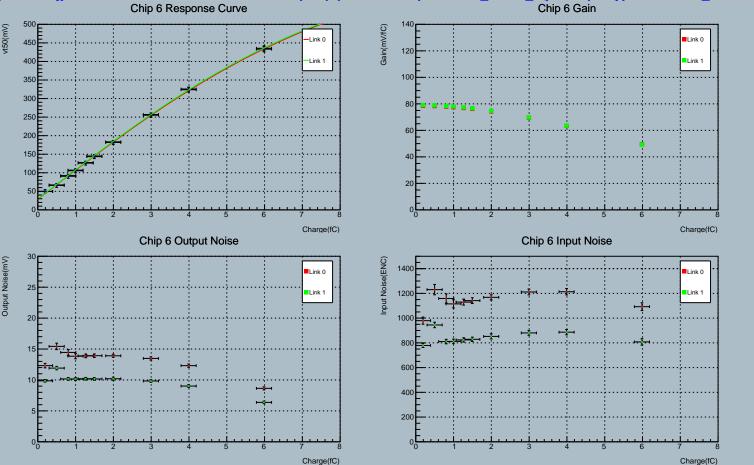
ATLAS ITk Test: Response Curve detail - Wed Jun 22 16:37:59 2022 - TRIUMF

Page 9 Run 1402 Start Scan 8 Chip 5 (5) Module 1 (ABCStar_R5H0_Hybrid3) - Type ABCStar_Test



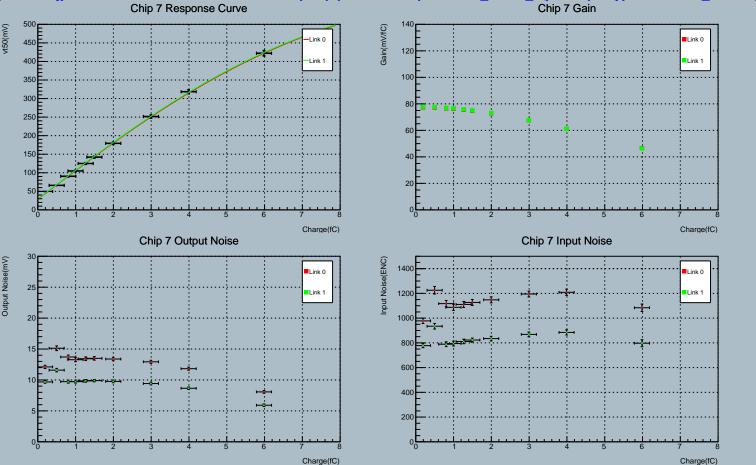
ATLAS ITk Test: Response Curve detail - Wed Jun 22 16:37:59 2022 - TRIUMF

Page 10 Run 1402 Start Scan 8 Chip 6 (4) Module 1 (ABCStar_R5H0_Hybrid3) - 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 1 (ABCStar_R5H0_Hybrid3) - 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 1 (ABCStar_R5H0_Hybrid3) - Type ABCStar_Test

