ATLAS ITk Test: Response vs. Channel - Wed Jun 22 15:59:10 2022 - TRIUMF Page 1 Run 1398 Start Scan 10 Stream 0 Module 1 (ABCStar R5H0_Hybrid3) - Type ABCStar_Test 250 r 50 = 138.1 mV Gain at 1.50fC 120 = 100 E Gain at 0fC 120 □ 100 F 1024 1152 Input Noise at 1.50fC 1400 E

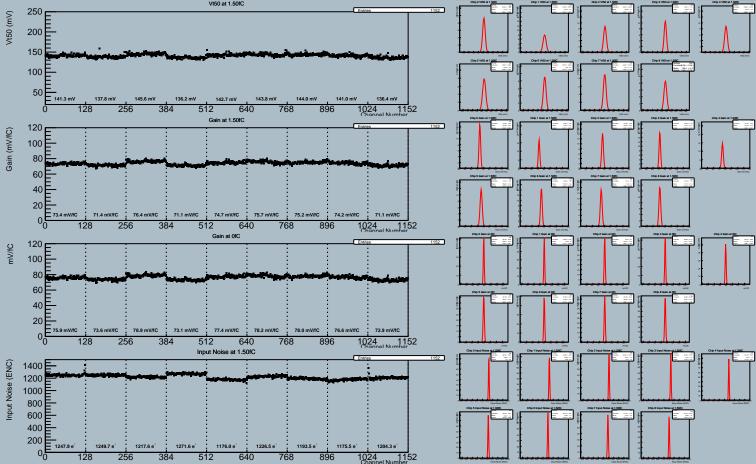
ATLAS ITk Test: Response Curve - Wed Jun 22 15:59:10 2022 - TRIUMF Page 2 Run 1398 Start Scan 10 Stream 0 Module 1 (ABCStar_R5H0_Hybrid3) - Type ABCStar_Test

© 10 1 Response Cores

© 10 2 Response Cores 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 1 Output Noise Chip 3 Output Noise Chip 0 Input Noise Chip 1 Input Noise Chip 2 Input Noise Chip 3 Input Noise Chip 4 Input Noise Chip 5 Input Noise Chip 6 Input Noise Chip 7 Input Noise Chip 8 Input Noise

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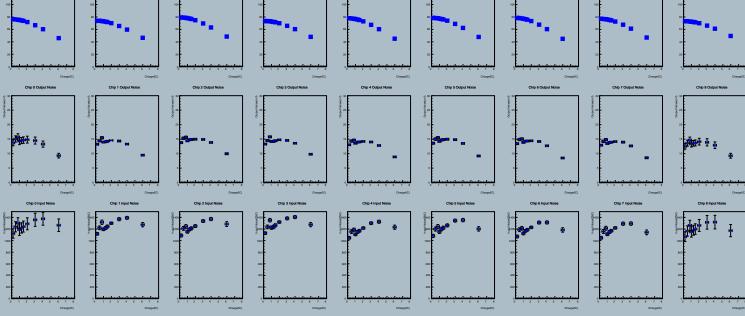
Page 3 Run 1398 Start Scan 10 Stream 1 Module 1 (ABCStar R5H0 Hybrid3) - Type ABCStar Test



ATLAS ITk Test: Response Curve - Wed Jun 22 15:59:10 2022 - TRIUMF Page 4 Run 1398 Start Scan 10 Stream 1 Module 1 (ABCStar_R5H0_Hybrid3) - Type ABCStar_Test

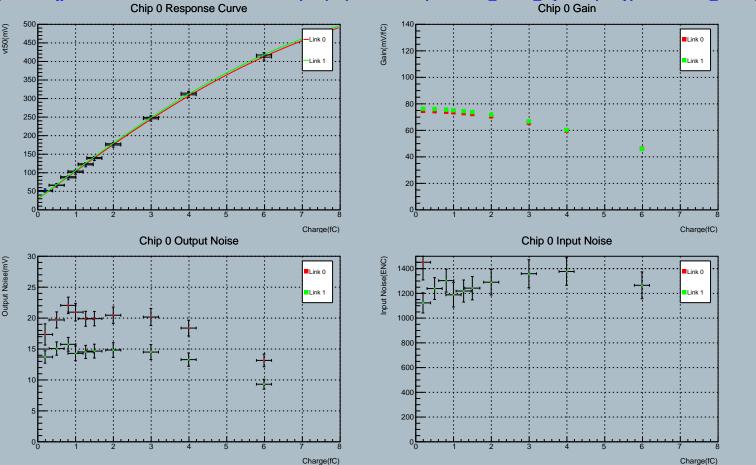
© 10 1 Response Cores

© 10 2 Response Cores 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 3 Output Noise Chip 0 Input Noise Chip 1 Input Noise Chip 2 Input Noise Chip 3 Input Noise Chip 4 Input Noise Chip 5 Input Noise Chip 6 Input Noise Chip 7 Input Noise Chip 8 Input Noise



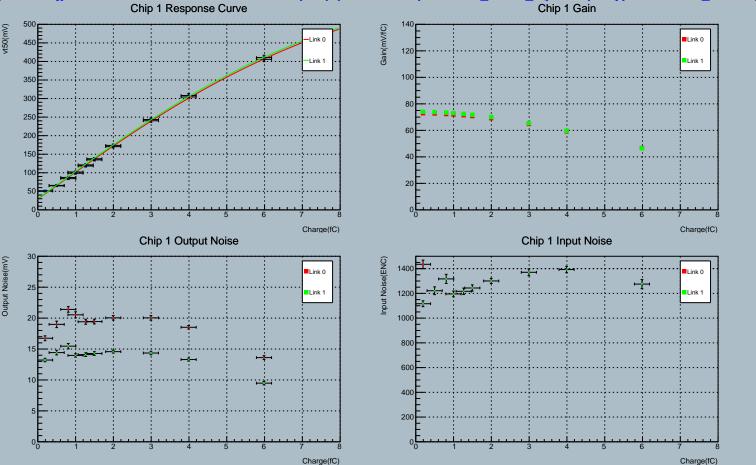
ATLAS ITk Test: Response Curve detail - Wed Jun 22 15:59:10 2022 - TRIUMF





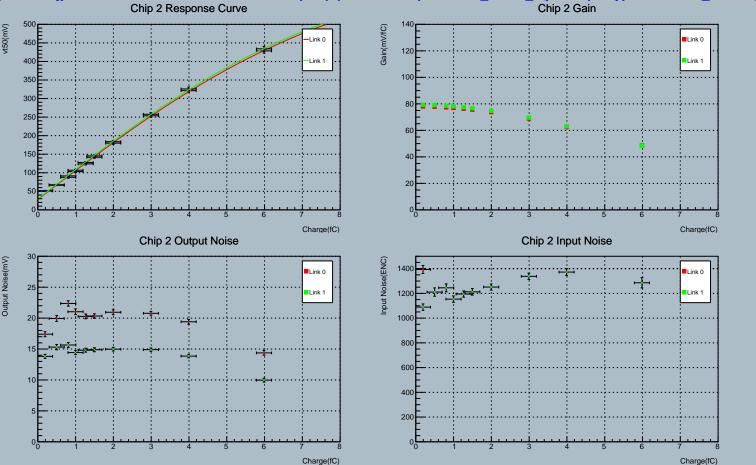
ATLAS ITk Test: Response Curve detail - Wed Jun 22 15:59:10 2022 - TRIUMF

Page 5 Run 1398 Start Scan 10 Chip 1 (9) Module 1 (ABCStar_R5H0_Hybrid3) - Type ABCStar_Test



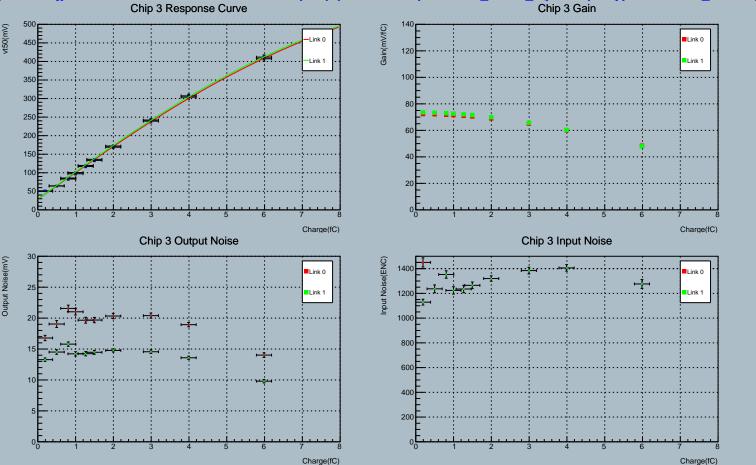
ATLAS ITk Test: Response Curve detail - Wed Jun 22 15:59:10 2022 - TRIUMF

Page 6 Run 1398 Start Scan 10 Chip 2 (8) Module 1 (ABCStar_R5H0_Hybrid3) - Type ABCStar_Test



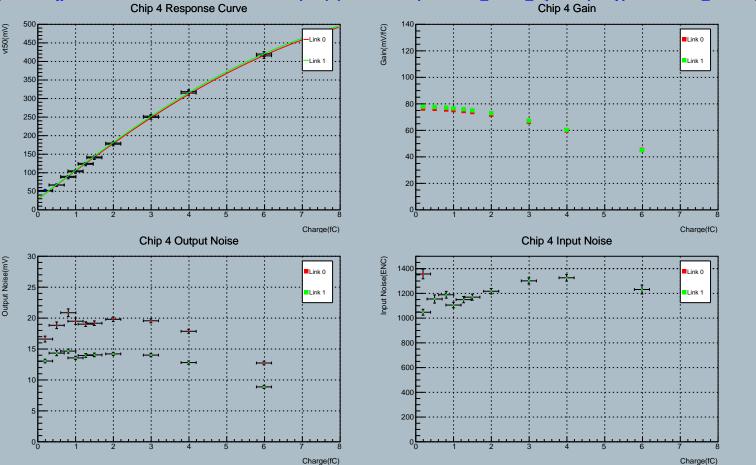
ATLAS ITk Test: Response Curve detail - Wed Jun 22 15:59:10 2022 - TRIUMF

Page 7 Run 1398 Start Scan 10 Chip 3 (7) Module 1 (ABCStar_R5H0_Hybrid3) - Type ABCStar_Test



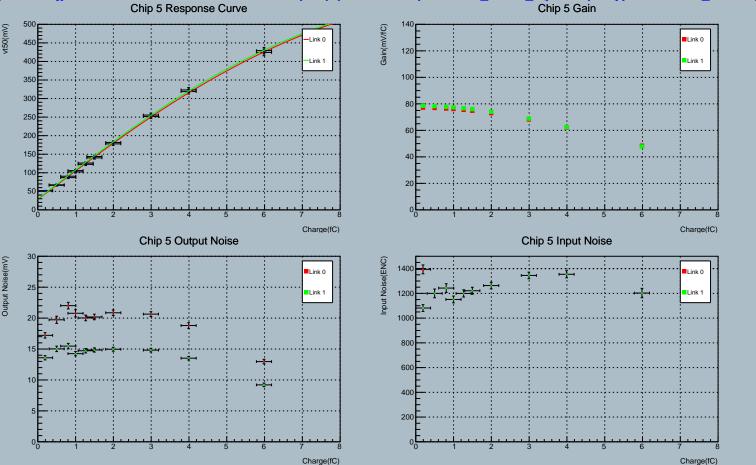
ATLAS ITk Test: Response Curve detail - Wed Jun 22 15:59:10 2022 - TRIUMF

Page 8 Run 1398 Start Scan 10 Chip 4 (6) Module 1 (ABCStar_R5H0_Hybrid3) - Type ABCStar_Test



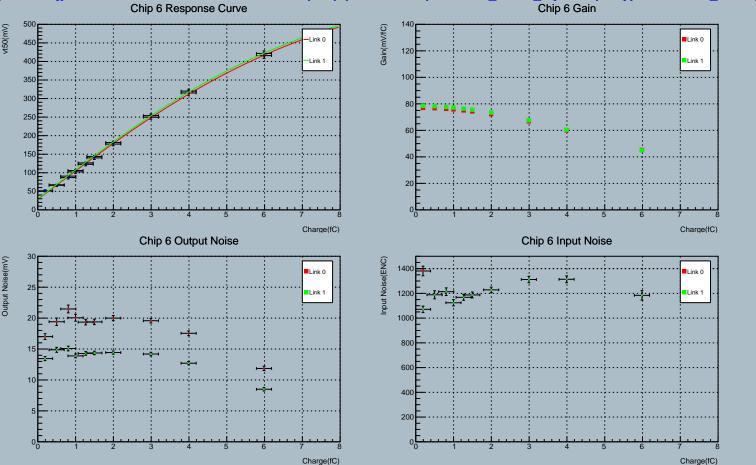
ATLAS ITk Test: Response Curve detail - Wed Jun 22 15:59:10 2022 - TRIUMF

Page 9 Run 1398 Start Scan 10 Chip 5 (5) Module 1 (ABCStar_R5H0_Hybrid3) - Type ABCStar_Test



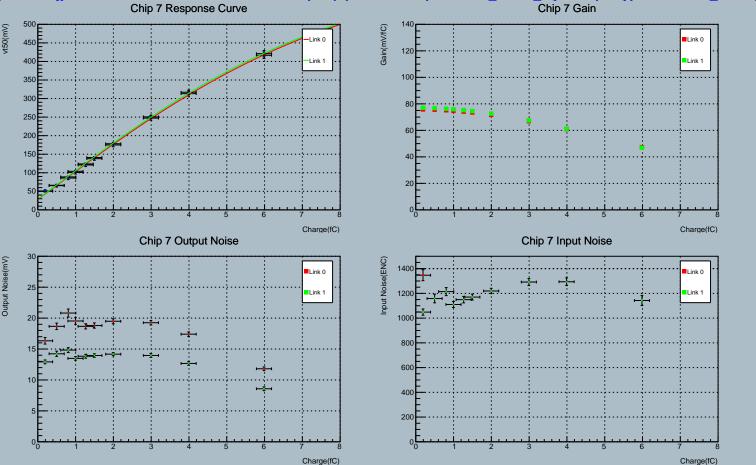
ATLAS ITk Test: Response Curve detail - Wed Jun 22 15:59:10 2022 - TRIUMF





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ATLAS ITk Test: Response Curve detail - Wed Jun 22 15:59:10 2022 - TRIUMF



