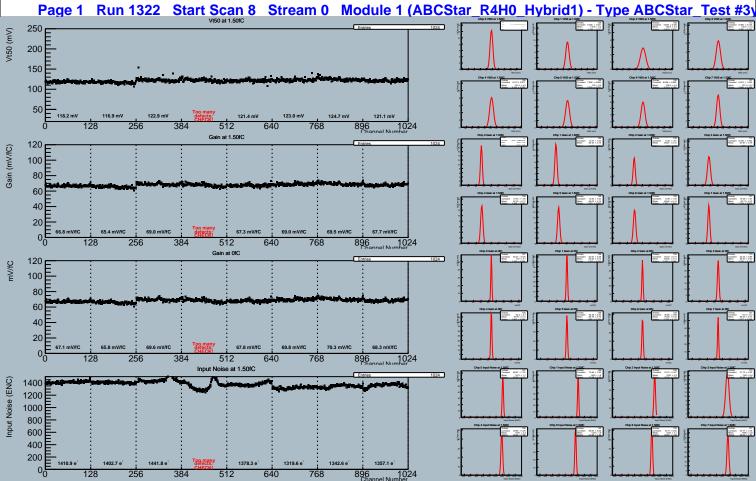
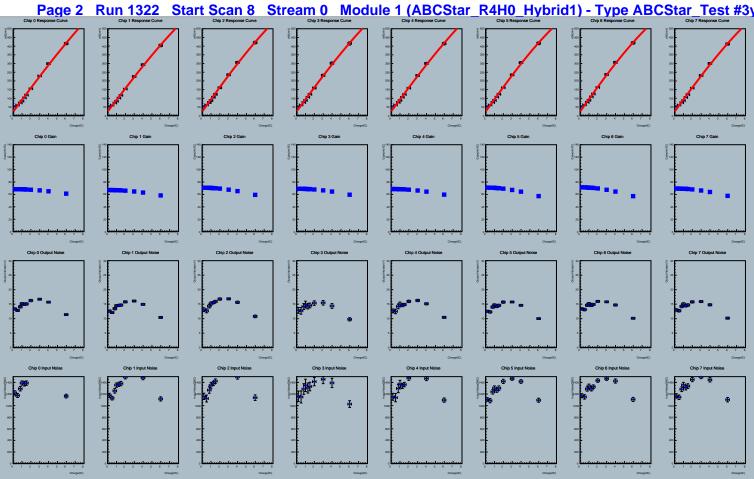
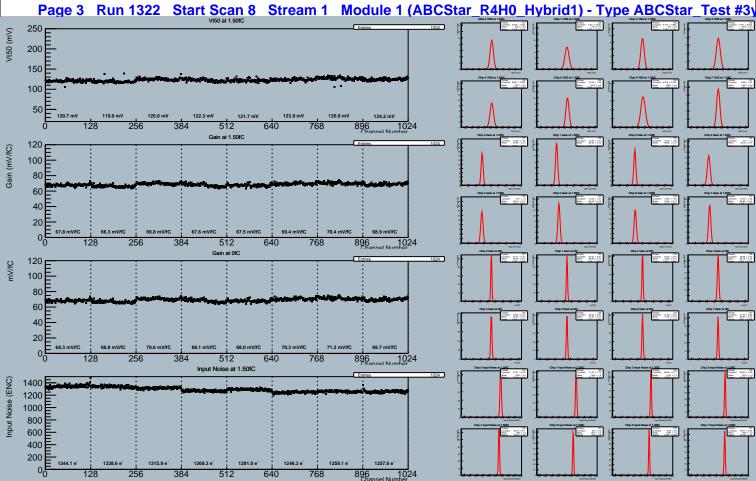
ATLAS ITk Test: Response vs. Channel - Wed Jun 1 15:48:04 2022 - TRIUMF

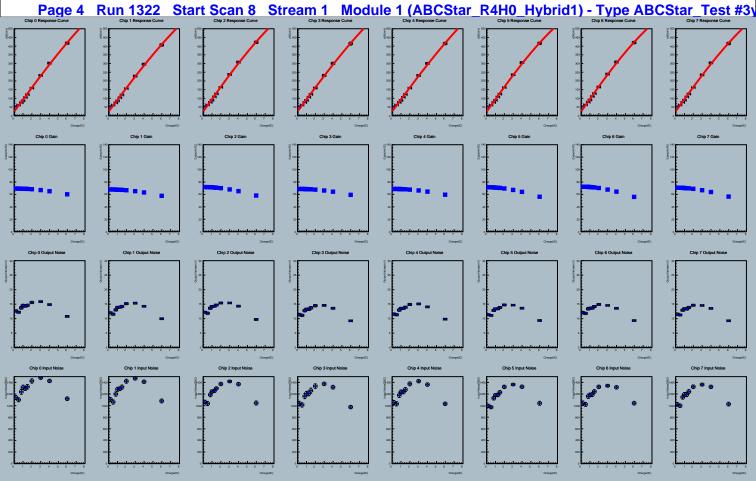




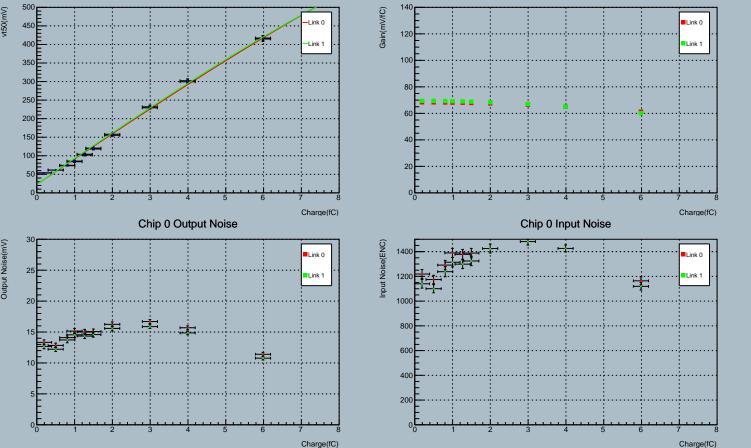
ATLAS ITk Test: Response vs. Channel - Wed Jun 1 15:48:04 2022 - TRIUMF



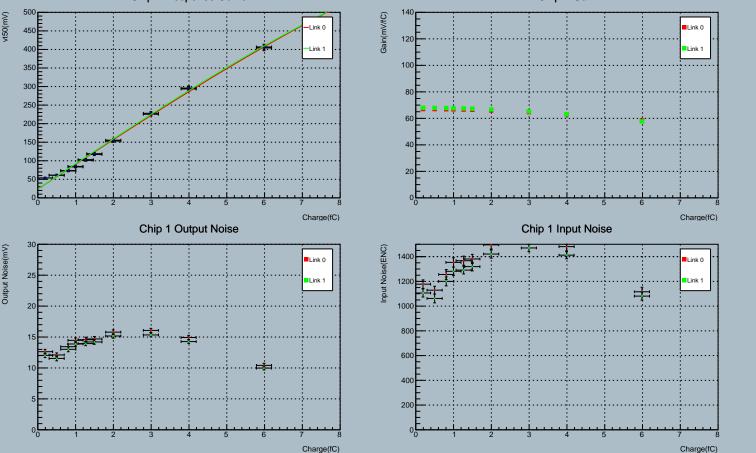
ATLAS ITk Test: Response Curve - Wed Jun 1 15:48:04 2022 - TRIUMF



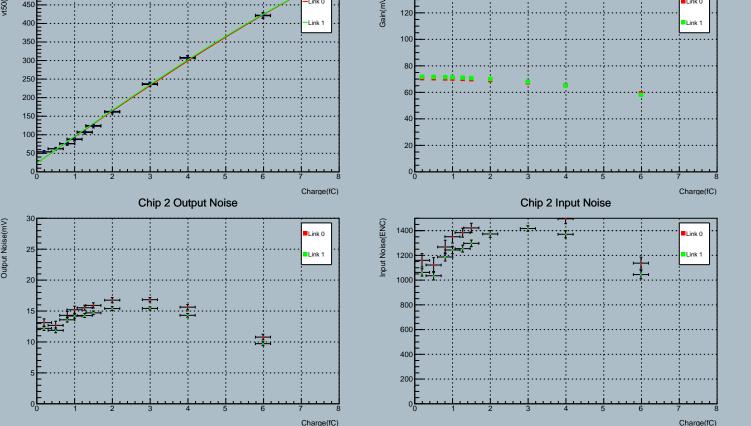
Page 4 Run 1322 Start Scan 8 Chip 0 (10) Module 1 (ABCStar_R4H0_Hybrid1) - Type ABCStar_Test #3
Chip 0 Response Curve Chip 0 Gain



Page 5 Run 1322 Start Scan 8 Chip 1 (9) Module 1 (ABCStar_R4H0_Hybrid1) - Type ABCStar_Test #3y
Chip 1 Response Curve
Chip 1 Gain



Page 6 Run 1322 Start Scan 8 Chip 2 (8) Module 1 (ABCStar_R4H0_Hybrid1) - Type ABCStar_Test #3) Chip 2 Gain Chip 2 Response Curve 500 140 Sain(mV/fC) Link 0 450 120 400 Link 1 100 350 300 80 250

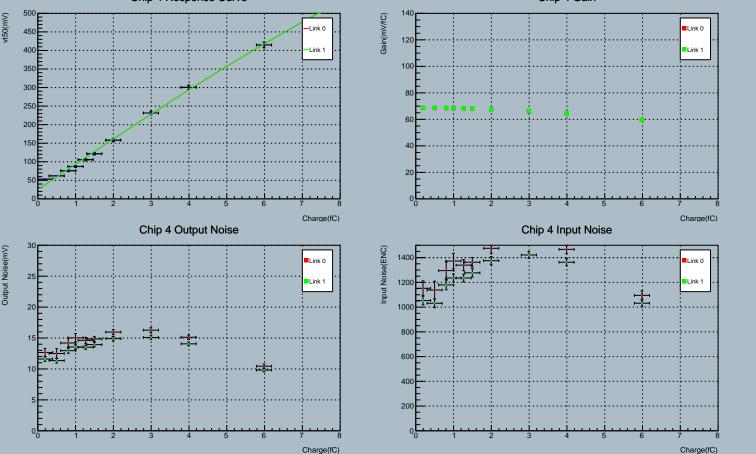


Charge(fC)

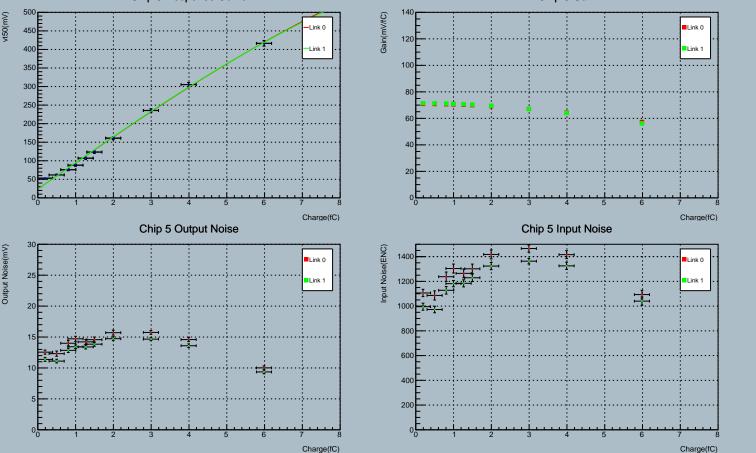
Page 7 Run 1322 Start Scan 8 Chip 3 (7) Module 1 (ABCStar_R4H0_Hybrid1) - Type ABCStar_Test #3) Chip 3 Gain Chip 3 Response Curve 500 140 Sain(mV/fC) Link 0 450 120 400 Link 1 100 350 300 80 250 60 200 150 40 100 20 Charge(fC) Charge(fC) Chip 3 Output Noise Chip 3 Input Noise Link 0 Link 0 Link 1 1000 800 600 400 200

Charge(fC)

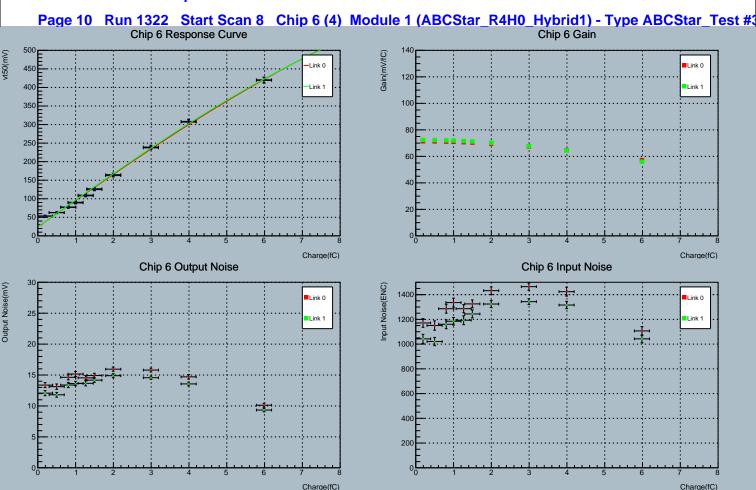
Page 8 Run 1322 Start Scan 8 Chip 4 (6) Module 1 (ABCStar_R4H0_Hybrid1) - Type ABCStar_Test #3y
Chip 4 Response Curve
Chip 4 Gain



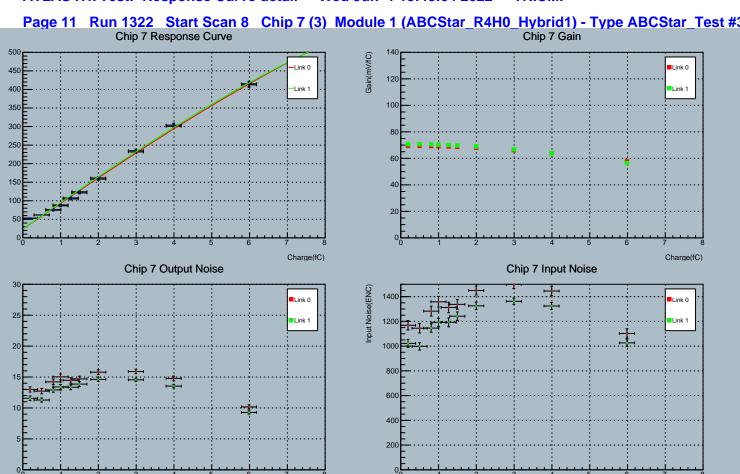
Page 9 Run 1322 Start Scan 8 Chip 5 (5) Module 1 (ABCStar_R4H0_Hybrid1) - Type ABCStar_Test #3y
Chip 5 Response Curve
Chip 5 Gain



ATLAS ITk Test: Response Curve detail - Wed Jun 1 15:48:04 2022 - TRIUMF



Charge(fC)



Charge(fC)