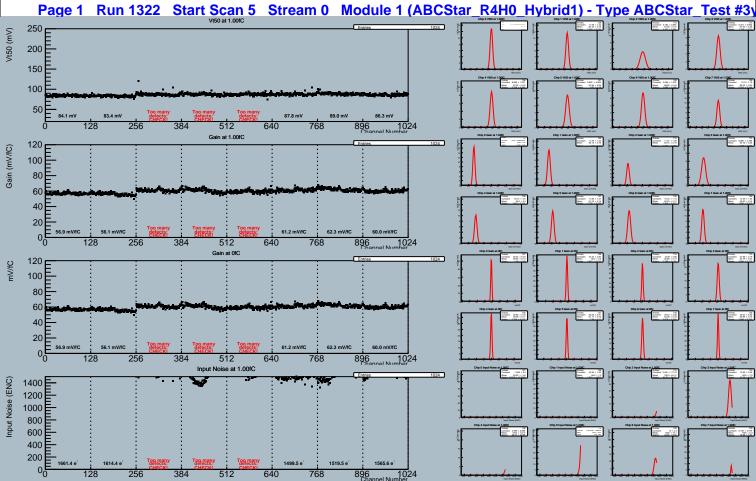
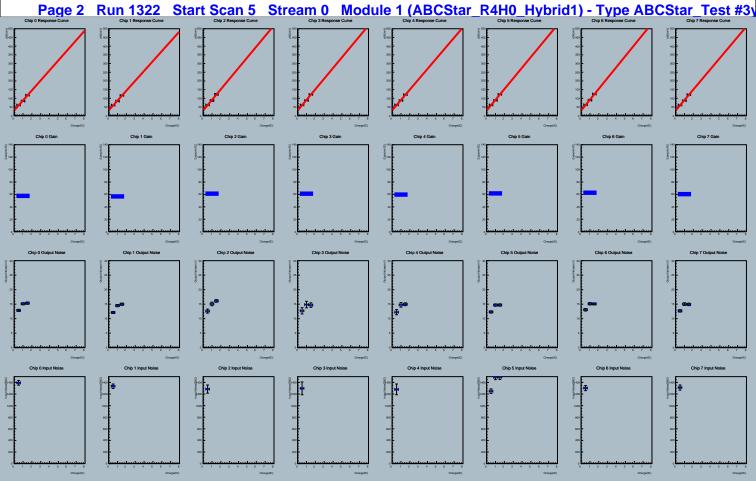
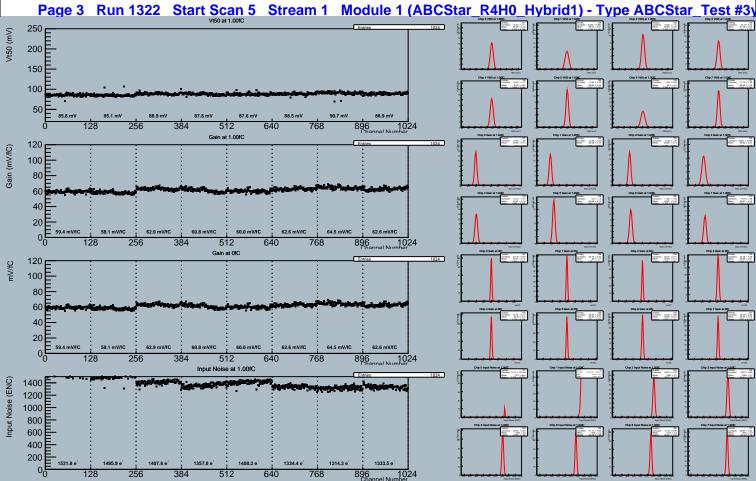
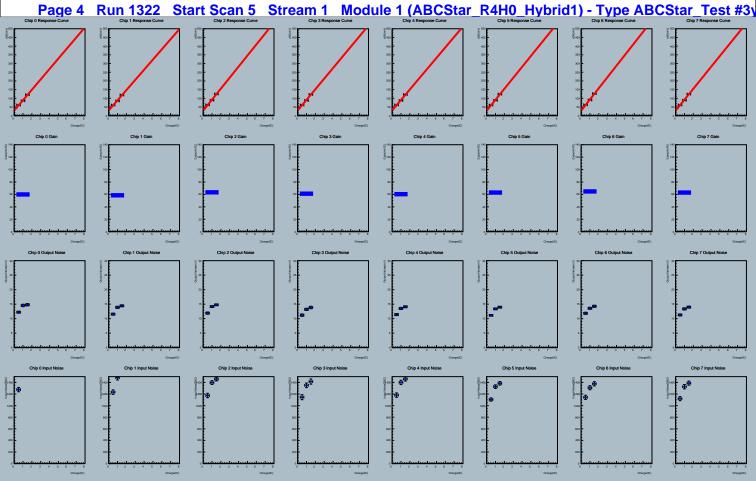
ATLAS ITk Test: Response vs. Channel - Wed Jun 1 15:46:12 2022 - TRIUMF



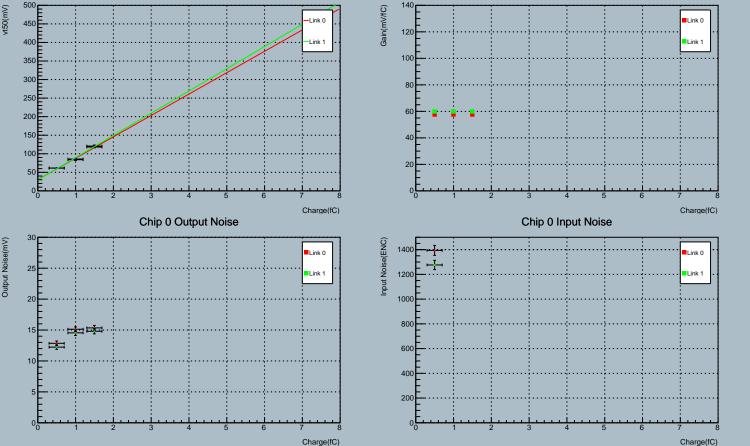


ATLAS ITk Test: Response vs. Channel - Wed Jun 1 15:46:12 2022 - TRIUMF

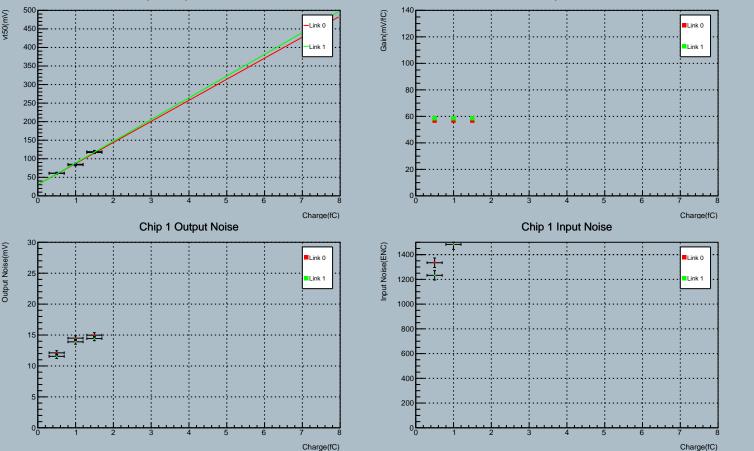




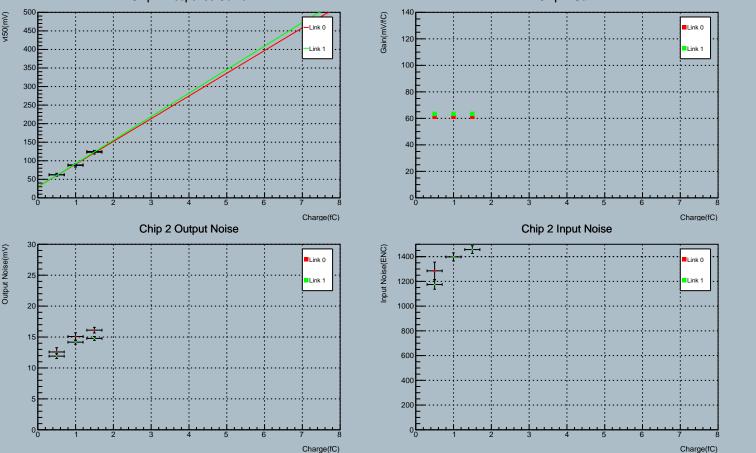
Page 4 Run 1322 Start Scan 5 Chip 0 (10) Module 1 (ABCStar_R4H0_Hybrid1) - Type ABCStar_Test #3
Chip 0 Response Curve Chip 0 Gain



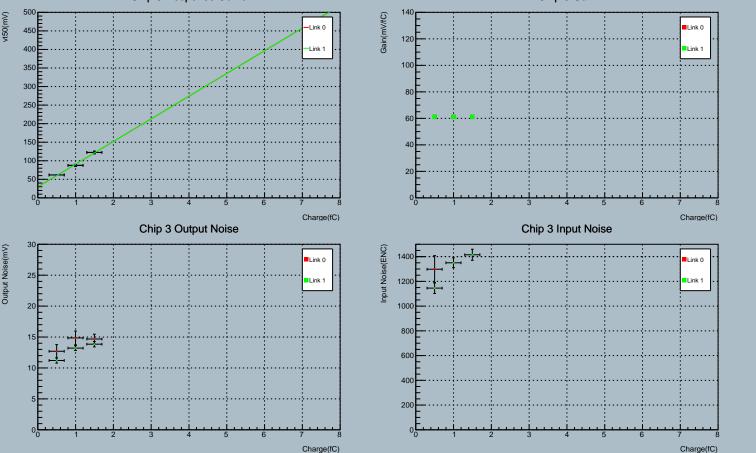
Page 5 Run 1322 Start Scan 5 Chip 1 (9) Module 1 (ABCStar_R4H0_Hybrid1) - Type ABCStar_Test #3y
Chip 1 Response Curve Chip 1 Gain



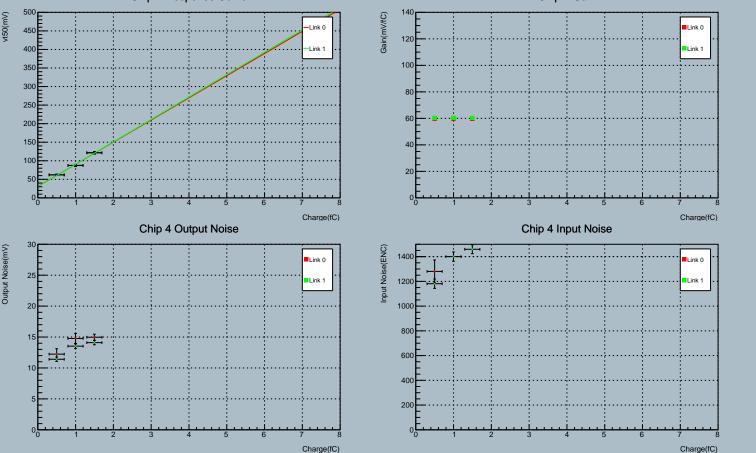
Page 6 Run 1322 Start Scan 5 Chip 2 (8) Module 1 (ABCStar_R4H0_Hybrid1) - Type ABCStar_Test #3y
Chip 2 Response Curve
Chip 2 Gain



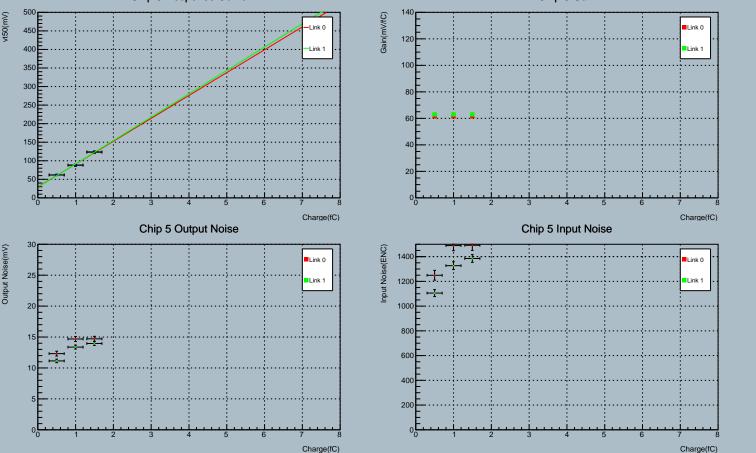
Page 7 Run 1322 Start Scan 5 Chip 3 (7) Module 1 (ABCStar_R4H0_Hybrid1) - Type ABCStar_Test #3y
Chip 3 Response Curve
Chip 3 Gain



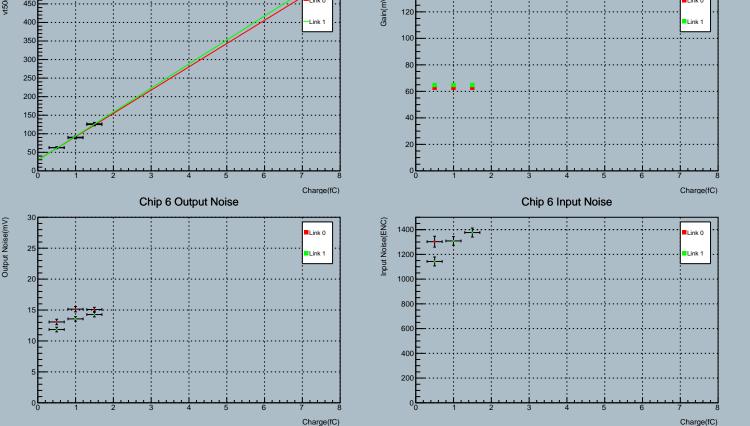
Page 8 Run 1322 Start Scan 5 Chip 4 (6) Module 1 (ABCStar_R4H0_Hybrid1) - Type ABCStar_Test #3y
Chip 4 Response Curve
Chip 4 Gain



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



Page 10 Run 1322 Start Scan 5 Chip 6 (4) Module 1 (ABCStar_R4H0_Hybrid1) - Type ABCStar_Test #3 Chip 6 Response Curve Chip 6 Gain Sain(mV/fC) Link 0 Link 1



Page 11 Run 1322 Start Scan 5 Chip 7 (3) Module 1 (ABCStar_R4H0_Hybrid1) - Type ABCStar_Test #3 Chip 7 Gain Chip 7 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 7 Output Noise Chip 7 Input Noise Input Noise(ENC) Link 0 Link 0 Link 1 1200 1000 800 600

200

Charge(fC)

Charge(fC)