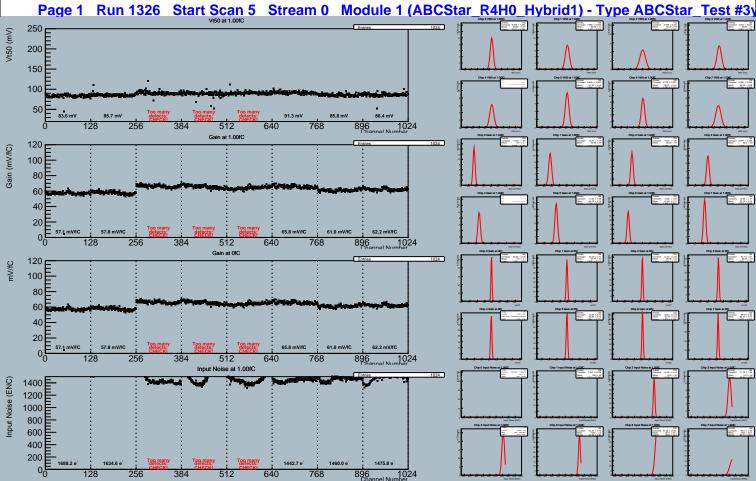
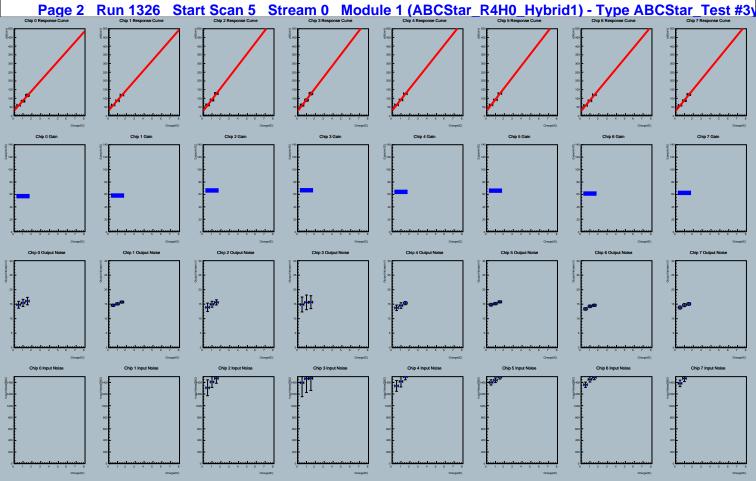
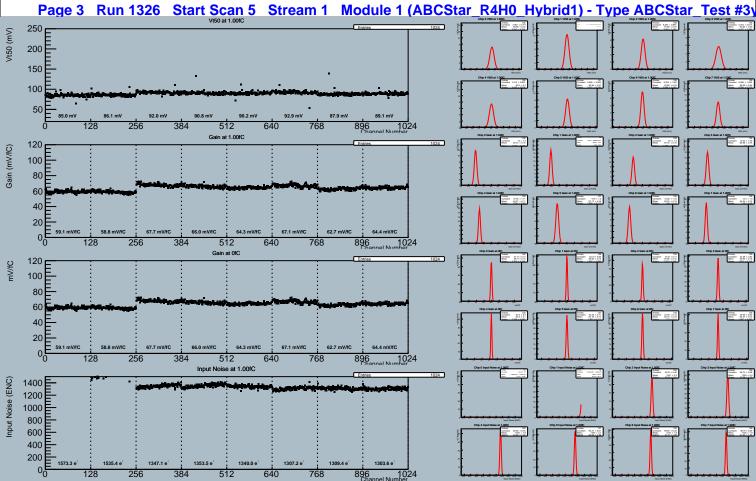
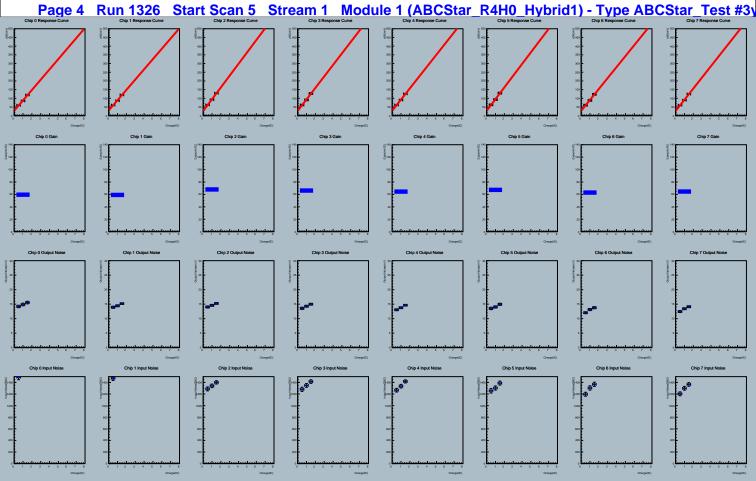
ATLAS ITk Test: Response vs. Channel - Wed Jun 1 16:41:03 2022 - TRIUMF



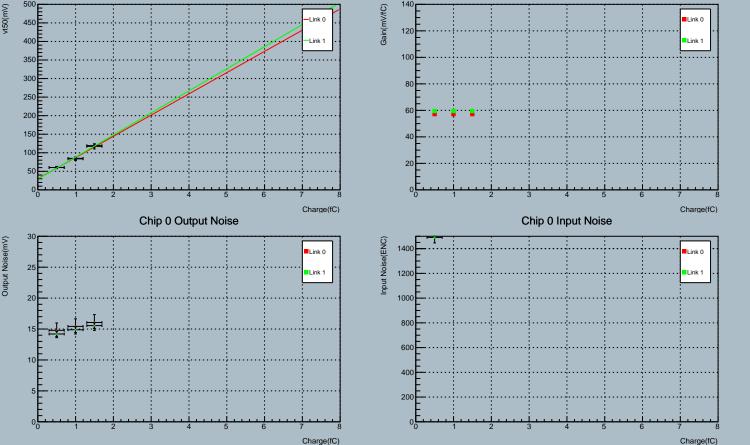


ATLAS ITk Test: Response vs. Channel - Wed Jun 1 16:41:03 2022 - TRIUMF

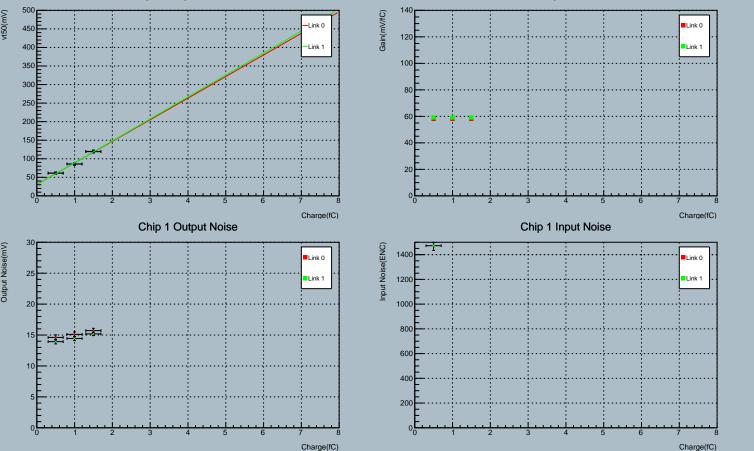




Page 4 Run 1326 Start Scan 5 Chip 0 (10) Module 1 (ABCStar_R4H0_Hybrid1) - Type ABCStar_Test #3
Chip 0 Response Curve
Chip 0 Gain



Page 5 Run 1326 Start Scan 5 Chip 1 (9) Module 1 (ABCStar_R4H0_Hybrid1) - Type ABCStar_Test #3y
Chip 1 Response Curve Chip 1 Gain

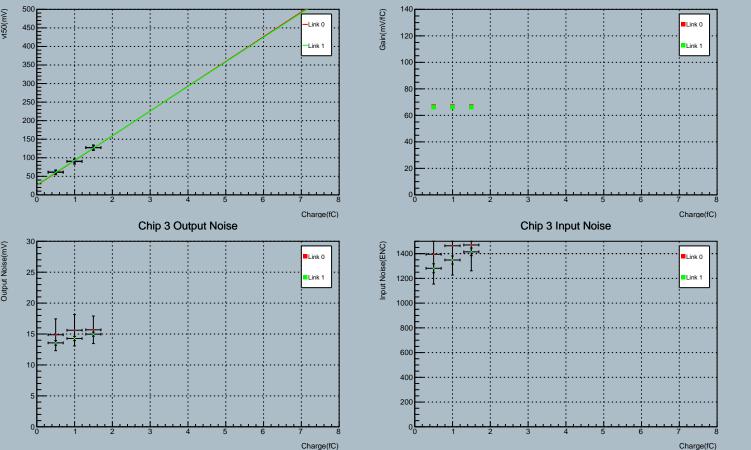


Charge(fC)

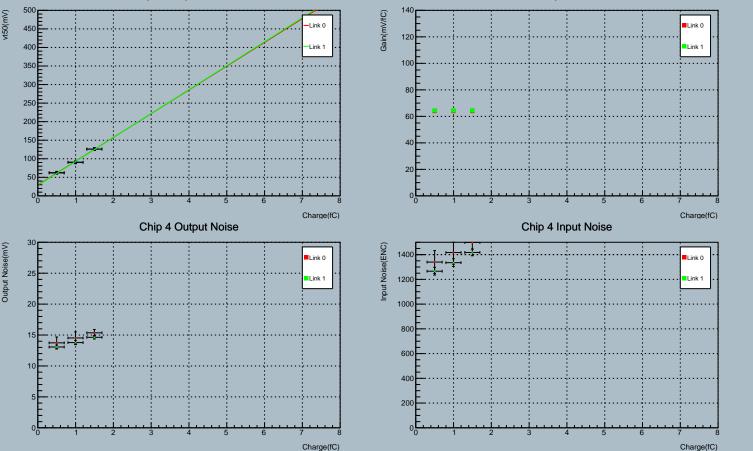
Page 6 Run 1326 Start Scan 5 Chip 2 (8) Module 1 (ABCStar_R4H0_Hybrid1) - Type ABCStar_Test #3) Chip 2 Gain Chip 2 Response Curve 500 140 Sain(mV/fC) Link 0 450 120 400 Link 1 100 350 300 80 250 60 200 150 40 100 20 Charge(fC) Charge(fC) Chip 2 Output Noise Chip 2 Input Noise Input Noise(ENC Link 0 Link 0 Link 1 1200 1000 800 600 400 200

Charge(fC)

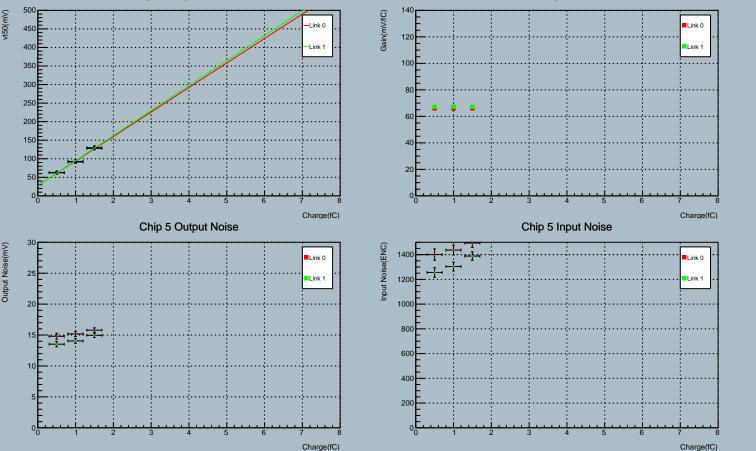
Page 7 Run 1326 Start Scan 5 Chip 3 (7) Module 1 (ABCStar_R4H0_Hybrid1) - Type ABCStar_Test #3y Chip 3 Response Curve Chip 3 Gain



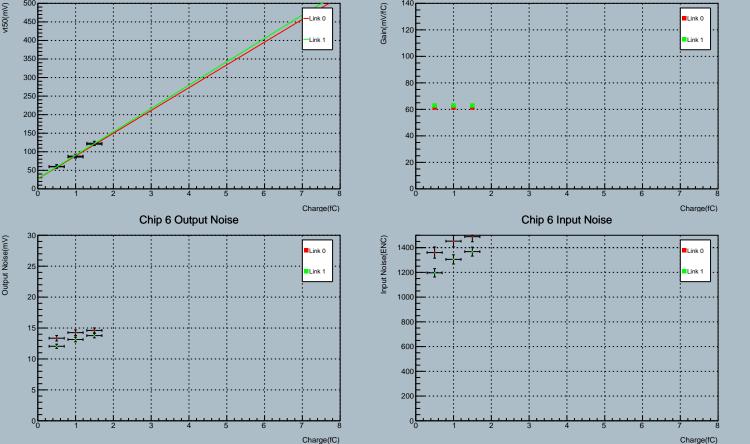
Page 8 Run 1326 Start Scan 5 Chip 4 (6) Module 1 (ABCStar_R4H0_Hybrid1) - Type ABCStar_Test #3y
Chip 4 Response Curve Chip 4 Gain



Page 9 Run 1326 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 1326 Start Scan 5 Chip 6 (4) Module 1 (ABCStar_R4H0_Hybrid1) - Type ABCStar_Test #3
Chip 6 Response Curve Chip 6 Gain



Page 11 Run 1326 Start Scan 5 Chip 7 (3) Module 1 (ABCStar_R4H0_Hybrid1) - Type ABCStar_Test #3
Chip 7 Response Curve Chip 7 Gain

