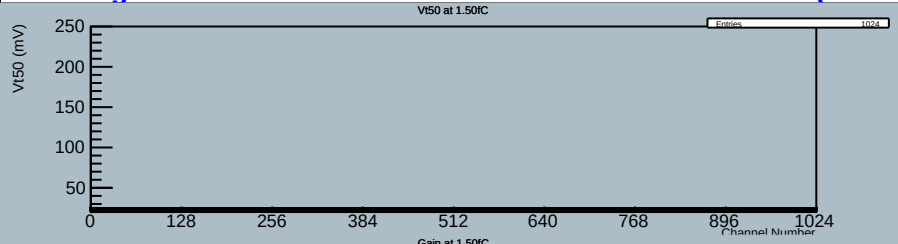
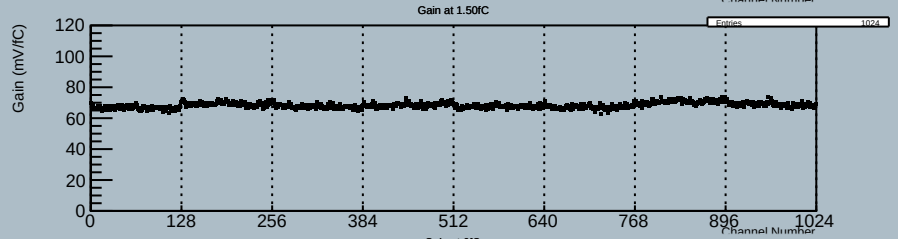
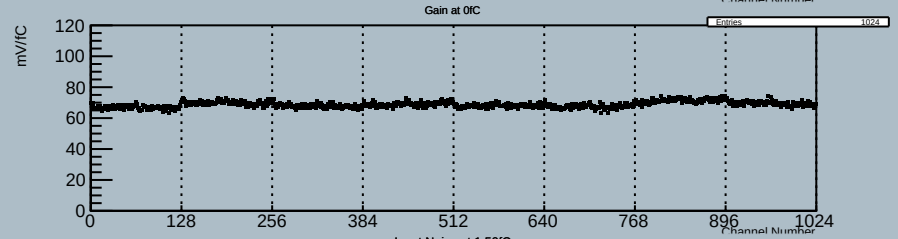
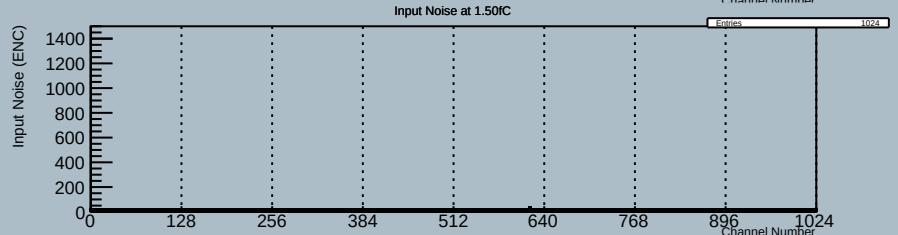
ATLAS ITk Test: Response vs. Channel - Thu Jun 23 13:08:02 2022 - TRIUMF

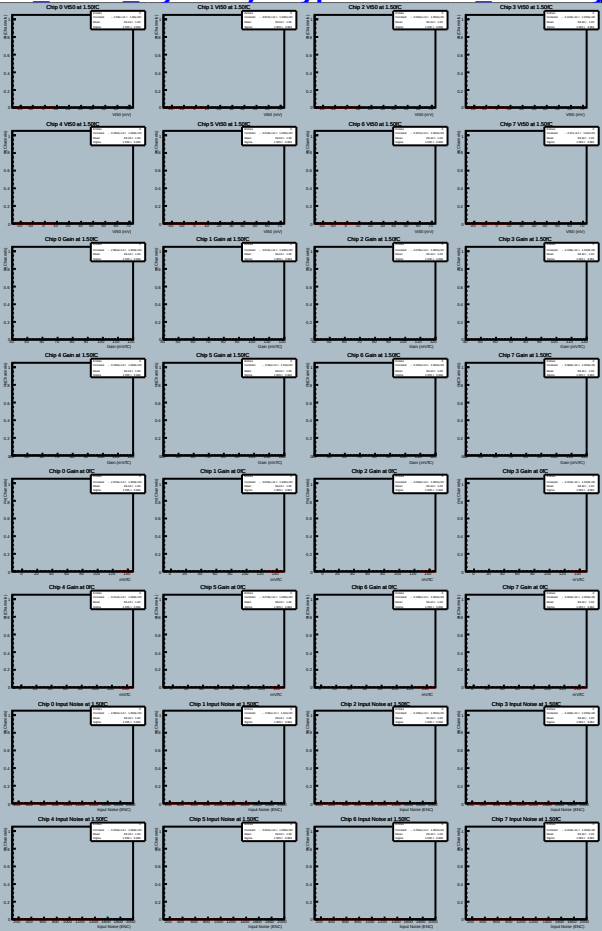
Page 1 Run 1407 Start Scan 8 Stream 0 Module 0 (ABCStar_R4H1_Hybrid0) - Type ABCStar_Test #2y





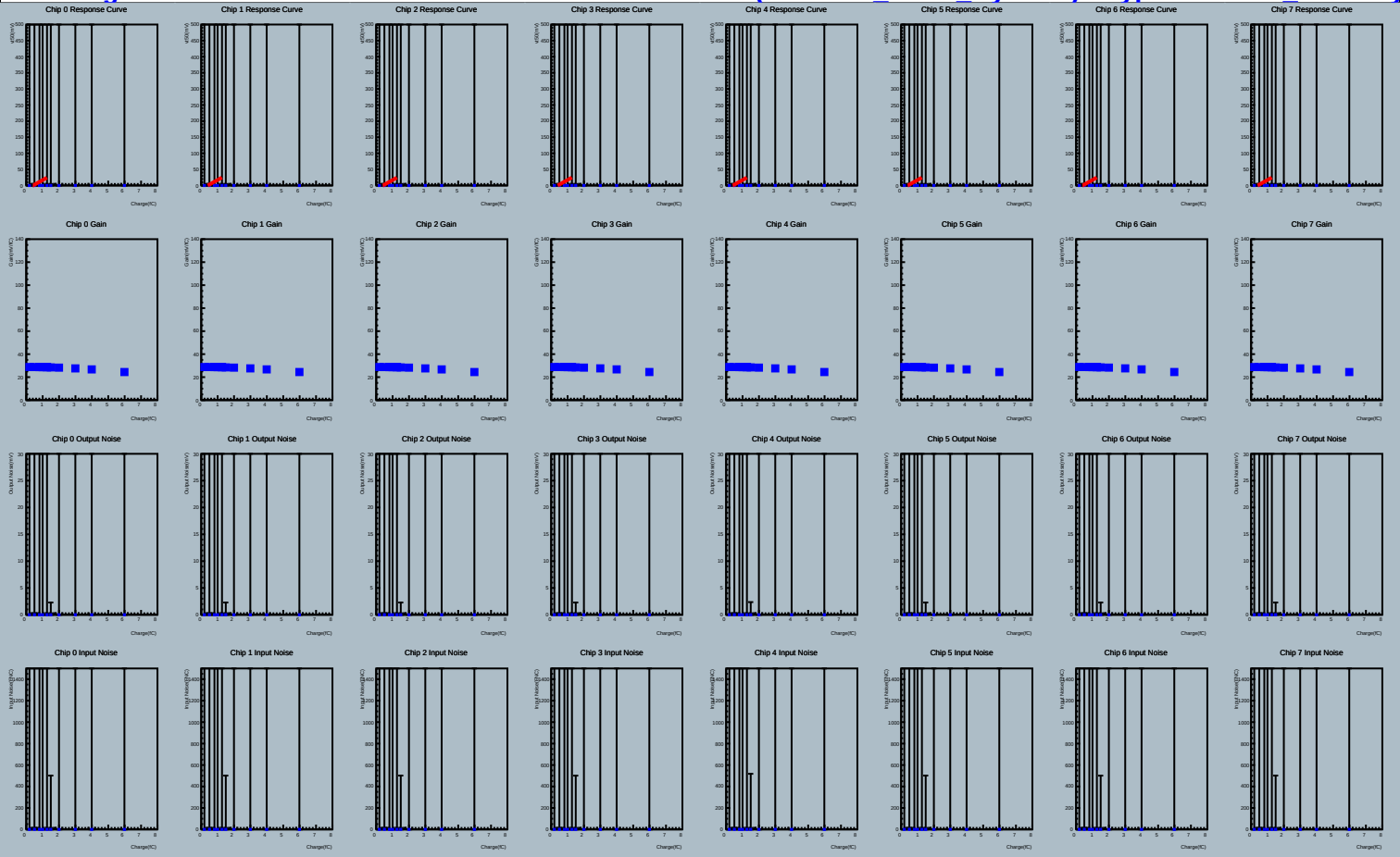






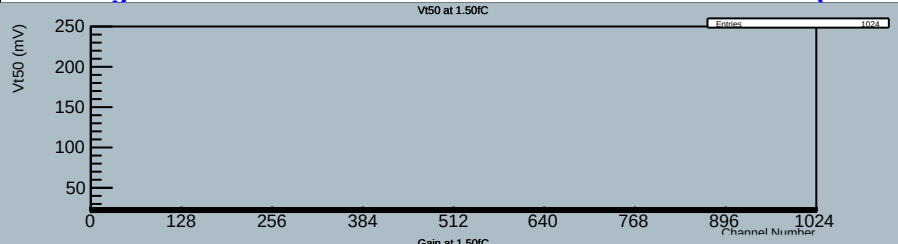
ATLAS ITk Test: Response Curve - Thu Jun 23 13:08:02 2022 - TRIUMF

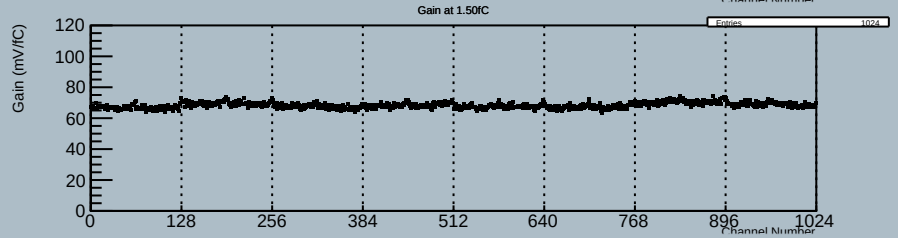
Page 2 Run 1407 Start Scan 8 Stream 0 Module 0 (ABCStar_R4H1_Hybrid0) - Type ABCStar_Test #2y

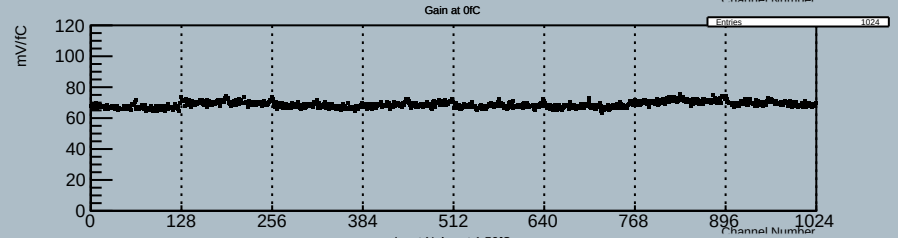


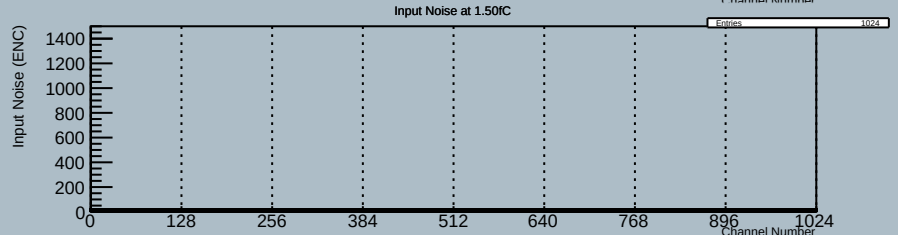
ATLAS ITk Test: Response vs. Channel - Thu Jun 23 13:08:02 2022 - TRIUMF

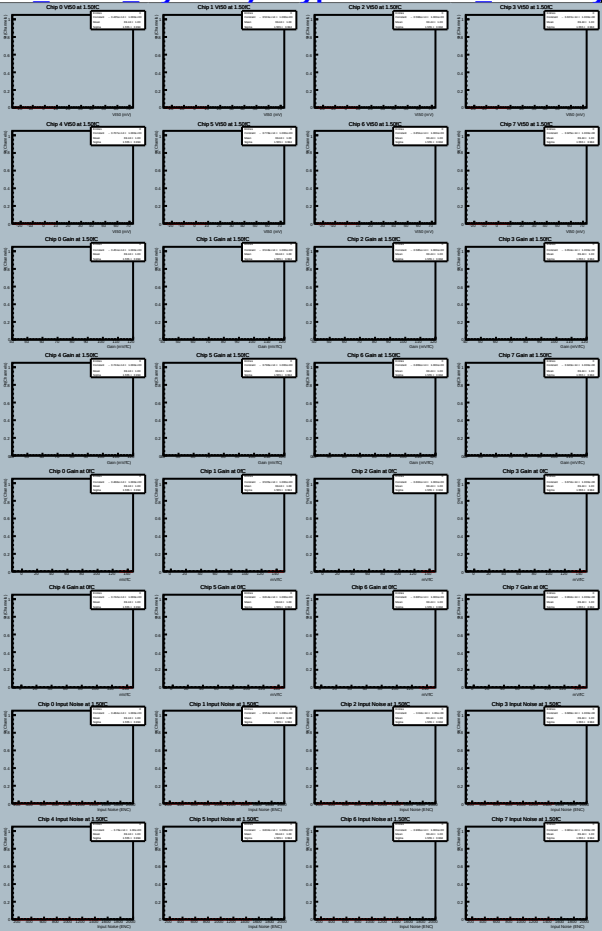
Page 3 Run 1407 Start Scan 8 Stream 1 Module 0 (ABCStar_R4H1_Hybrid0) - Type ABCStar Test #2y





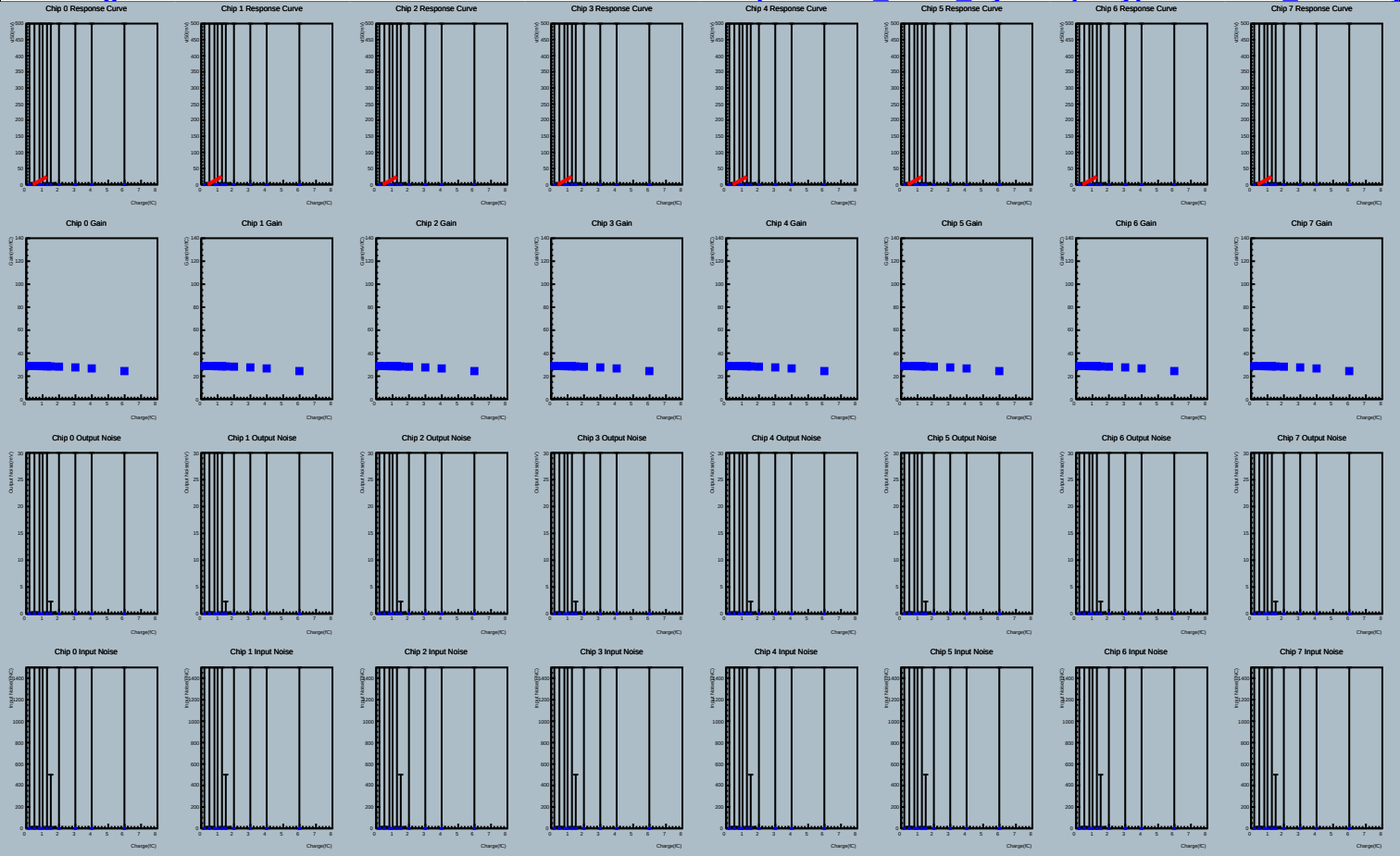






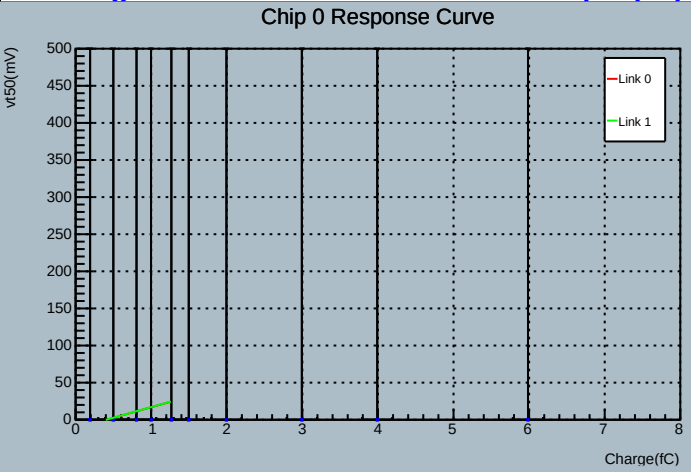
ATLAS ITk Test: Response Curve - Thu Jun 23 13:08:02 2022 - TRIUMF

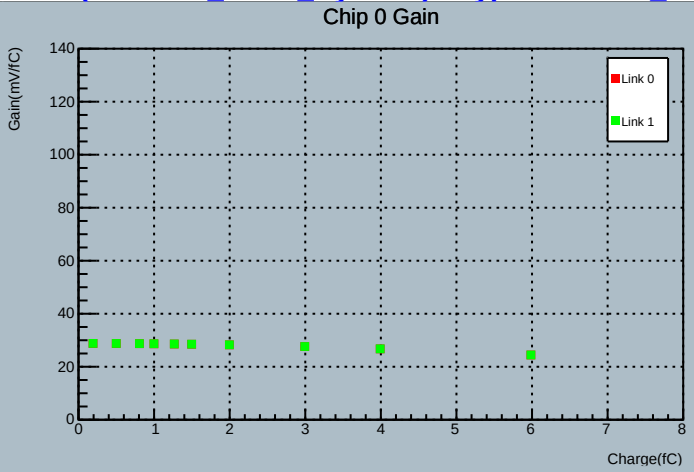
Page 4 Run 1407 Start Scan 8 Stream 1 Module 0 (ABCStar_R4H1_Hybrid0) - Type ABCStar_Test #2y

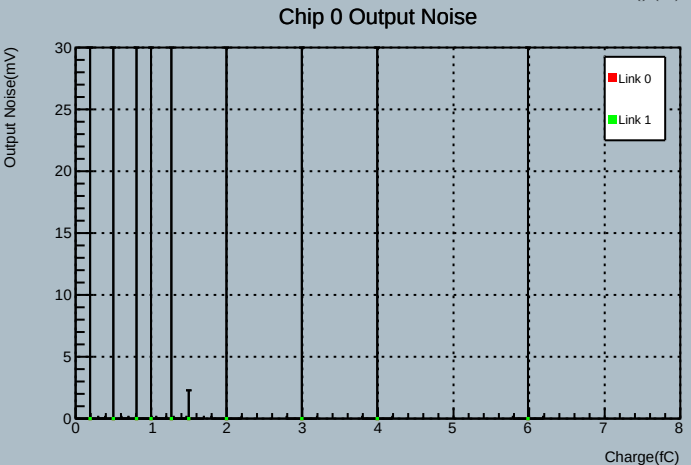


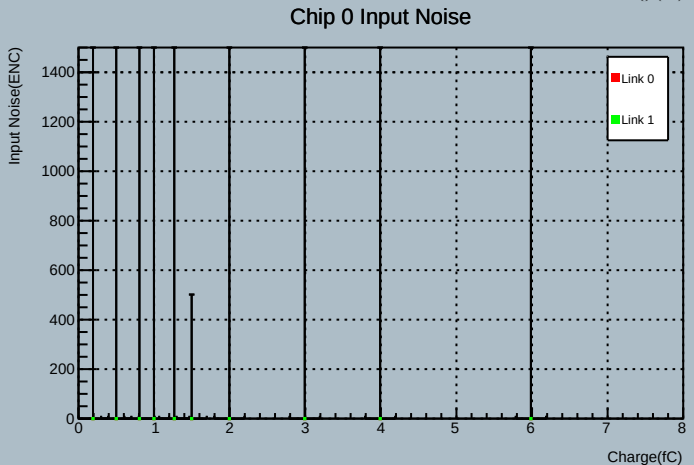
ATLAS ITk Test: Response Curve detail - Thu Jun 23 13:08:02 2022 - TRIUMF

Page 4 Run 1407 Start Scan 8 Chip 0 (10) Module 0 (ABCStar_R4H1_Hybrid0) - Type ABCStar_Test #2





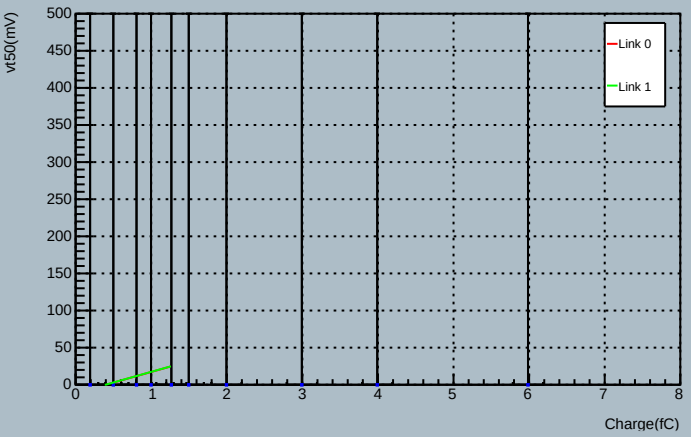




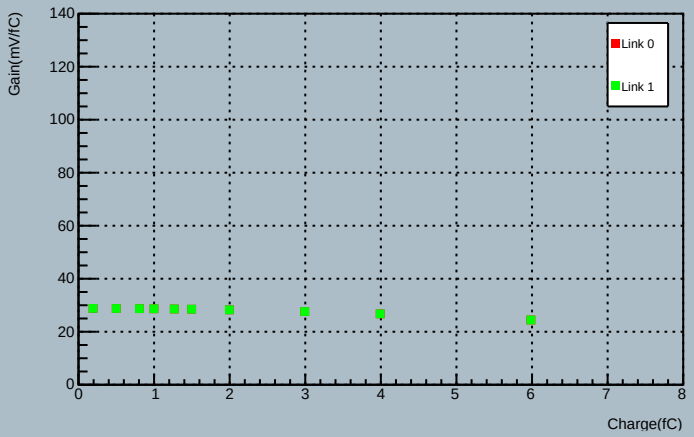
ATLAS ITk Test: Response Curve detail - Thu Jun 23 13:08:02 2022 - TRIUMF

Page 5 Run 1407 Start Scan 8 Chip 1 (9) Module 0 (ABCStar_R4H1_Hybrid0) - Type ABCStar_Test #2v

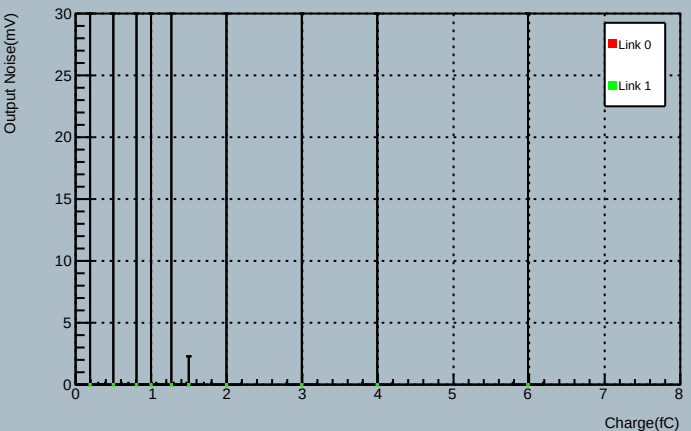
Chip 1 Response Curve



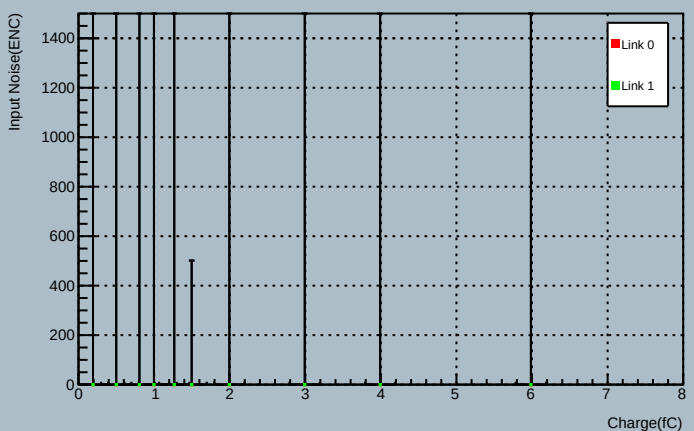
Chip 1 Gain



Chip 1 Output Noise



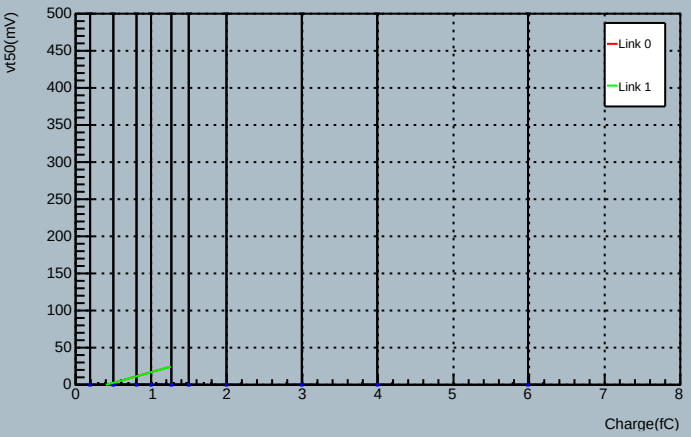
Chip 1 Input Noise



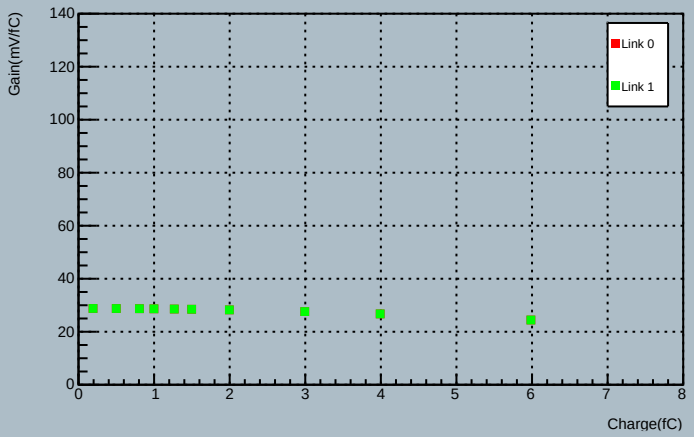
ATLAS ITk Test: Response Curve detail - Thu Jun 23 13:08:02 2022 - TRIUMF

Page 6 Run 1407 Start Scan 8 Chip 2 (8) Module 0 (ABCStar_R4H1_Hybrid0) - Type ABCStar_Test #2v

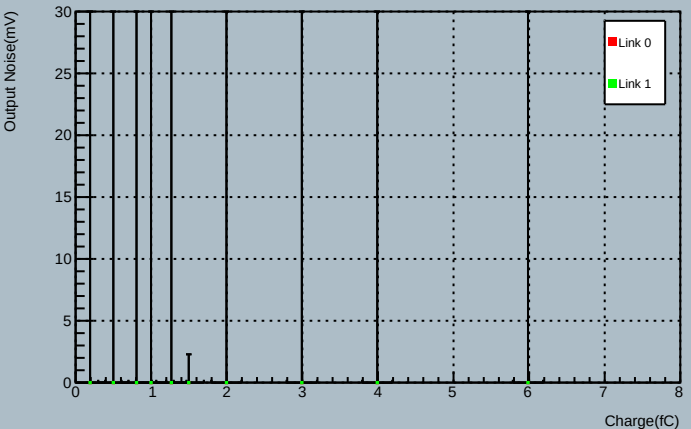
Chip 2 Response Curve



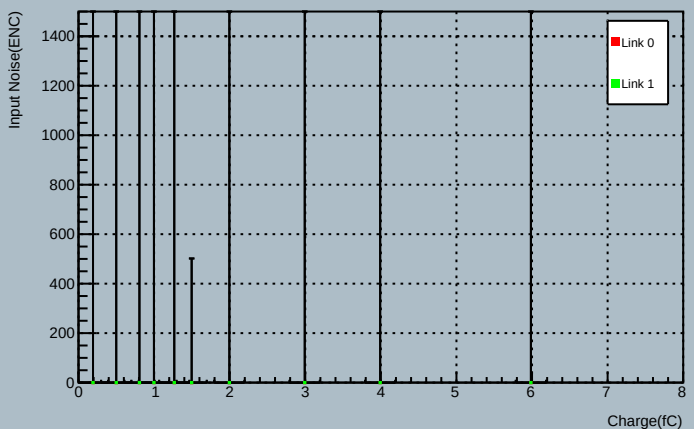
Chip 2 Gain



Chip 2 Output Noise



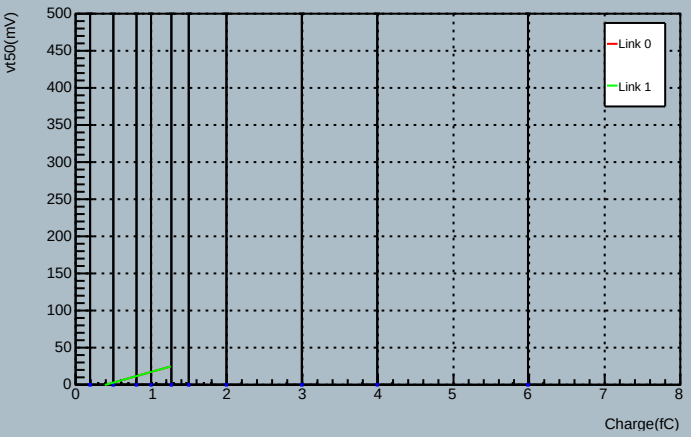
Chip 2 Input Noise



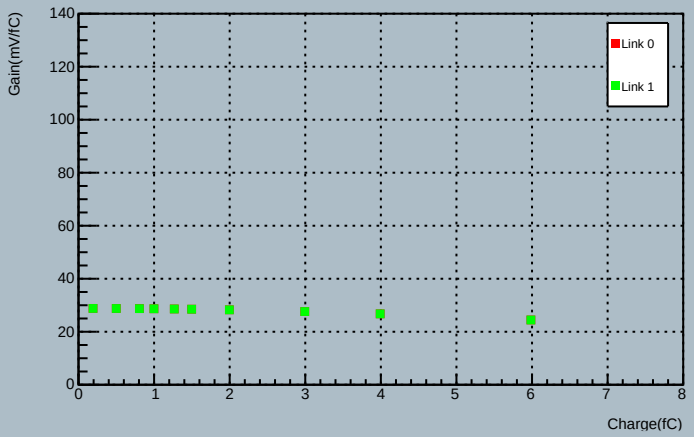
ATLAS ITk Test: Response Curve detail - Thu Jun 23 13:08:02 2022 - TRIUMF

Page 7 Run 1407 Start Scan 8 Chip 3 (7) Module 0 (ABCStar_R4H1_Hybrid0) - Type ABCStar_Test #2v

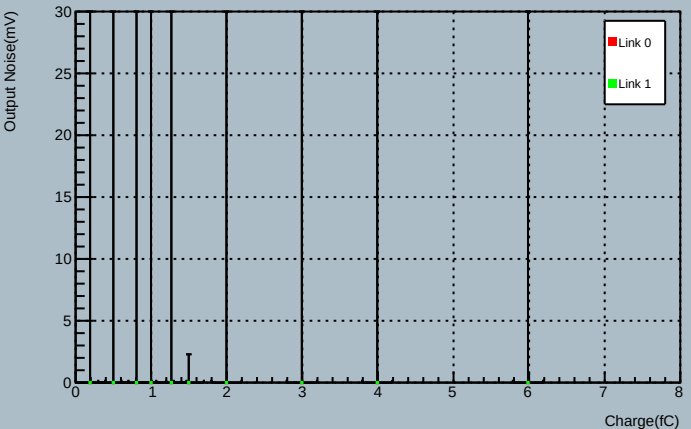
Chip 3 Response Curve



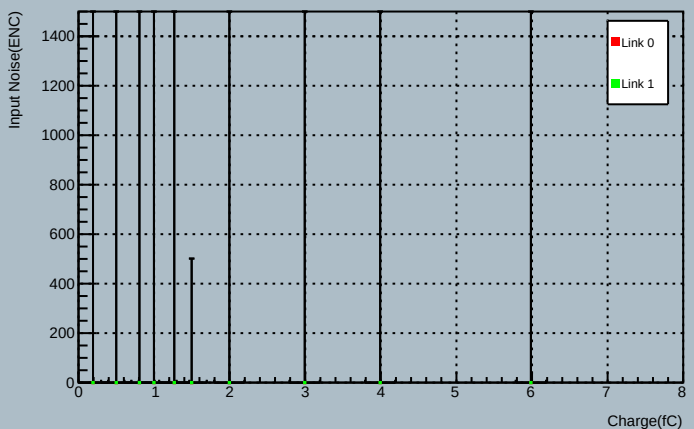
Chip 3 Gain



Chip 3 Output Noise



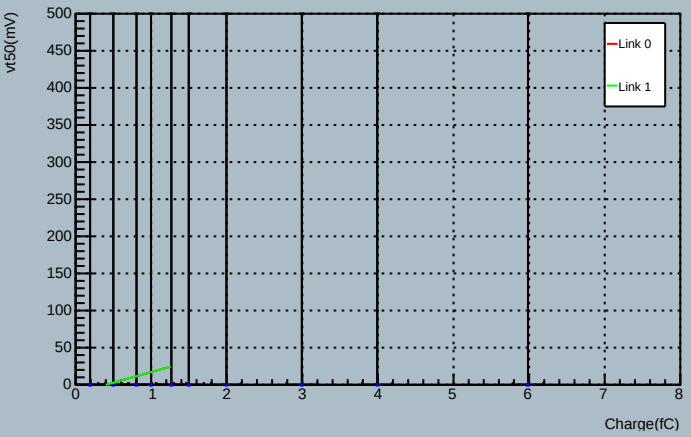
Chip 3 Input Noise



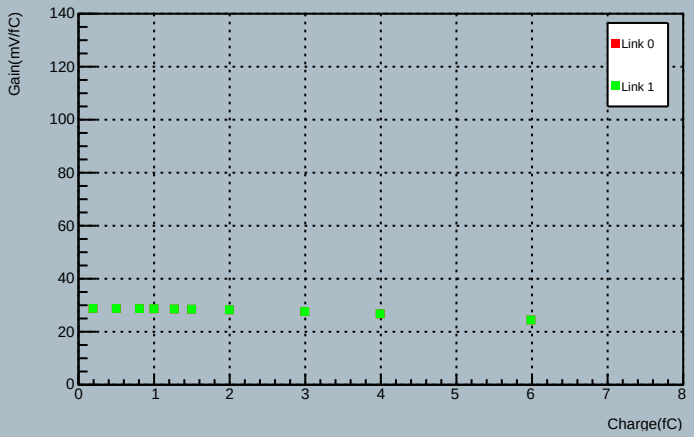
ATLAS ITk Test: Response Curve detail - Thu Jun 23 13:08:02 2022 - TRIUMF

Page 8 Run 1407 Start Scan 8 Chip 4 (6) Module 0 (ABCStar_R4H1_Hybrid0) - Type ABCStar_Test #2v

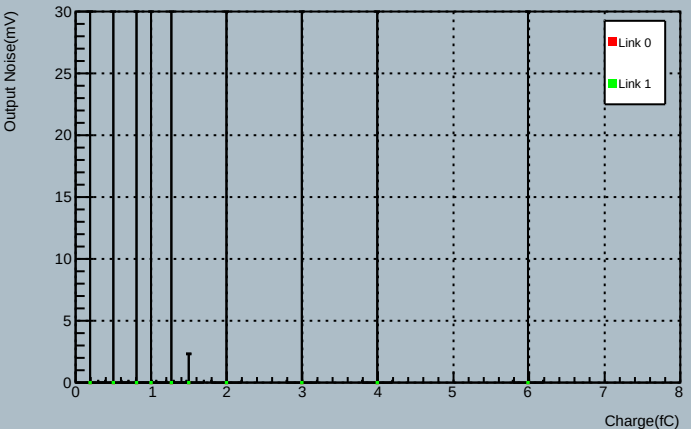
Chip 4 Response Curve



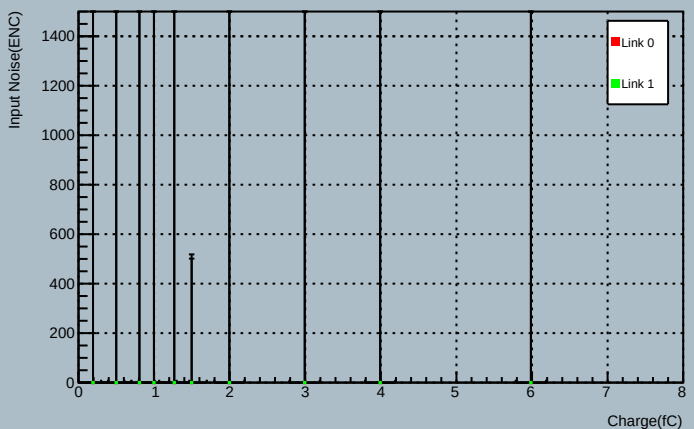
Chip 4 Gain



Chip 4 Output Noise



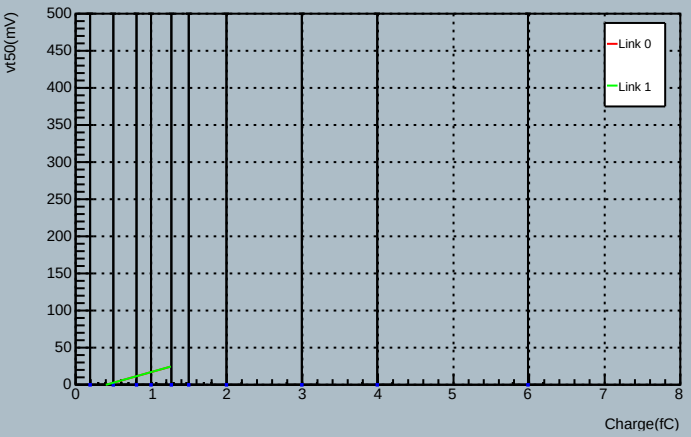
Chip 4 Input Noise



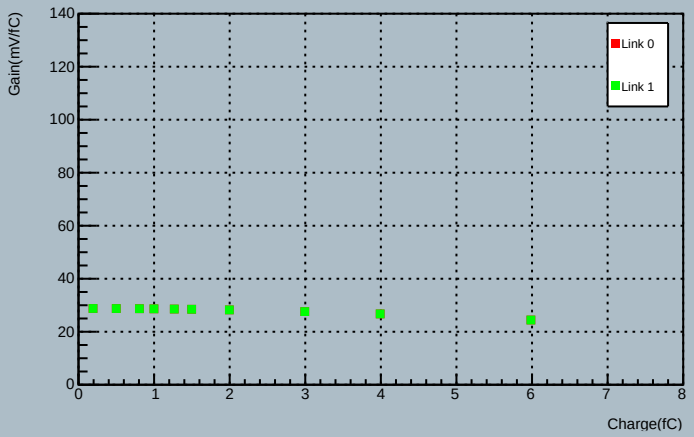
ATLAS ITk Test: Response Curve detail - Thu Jun 23 13:08:02 2022 - TRIUMF

Page 9 Run 1407 Start Scan 8 Chip 5 (5) Module 0 (ABCStar_R4H1_Hybrid0) - Type ABCStar_Test #2v

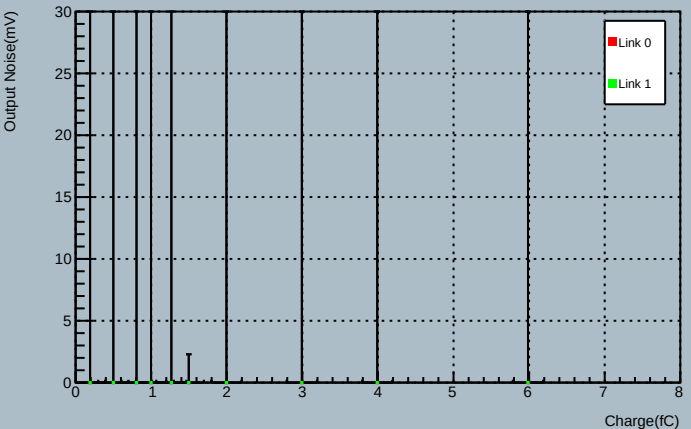
Chip 5 Response Curve



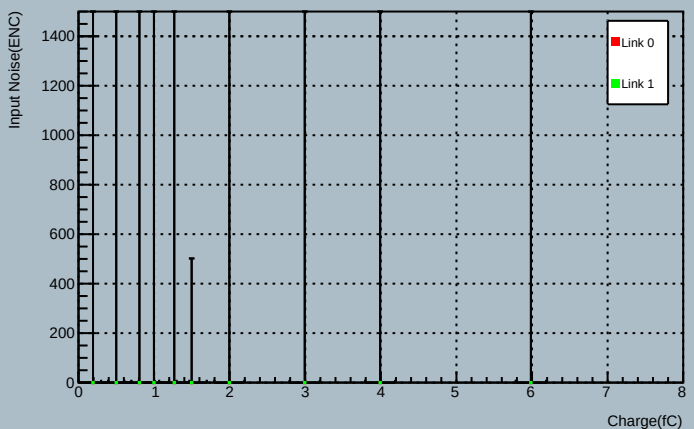
Chip 5 Gain



Chip 5 Output Noise



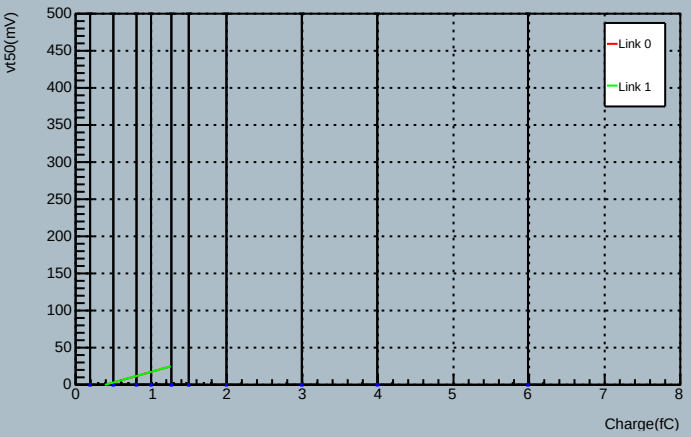
Chip 5 Input Noise



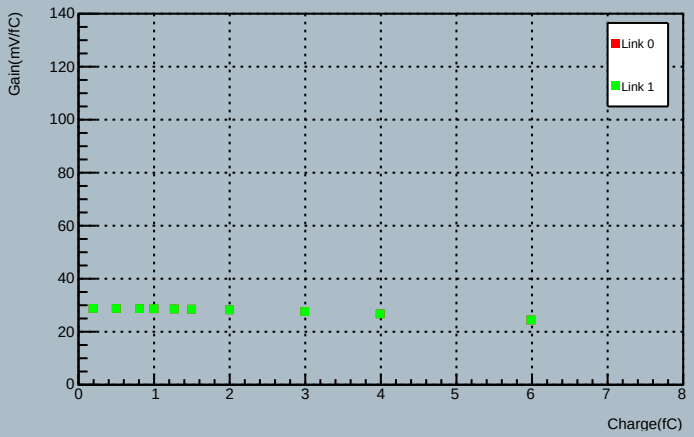
ATLAS ITk Test: Response Curve detail - Thu Jun 23 13:08:02 2022 - TRIUMF

Page 10 Run 1407 Start Scan 8 Chip 6 (4) Module 0 (ABCStar_R4H1_Hybrid0) - Type ABCStar_Test #2

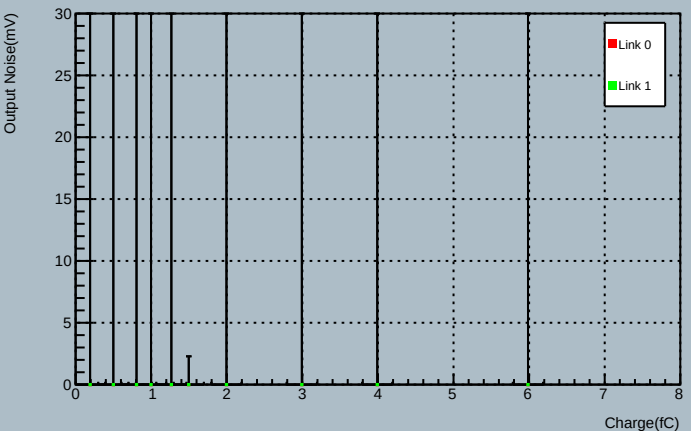
Chip 6 Response Curve



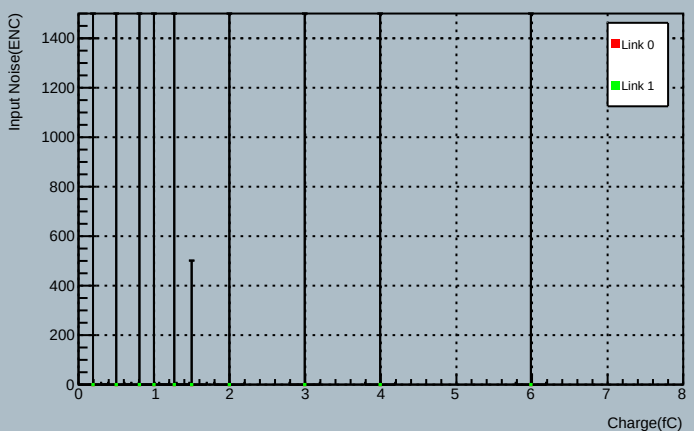
Chip 6 Gain



Chip 6 Output Noise



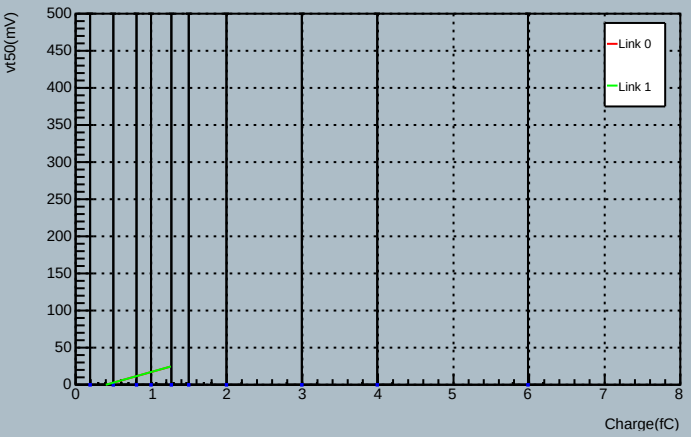
Chip 6 Input Noise



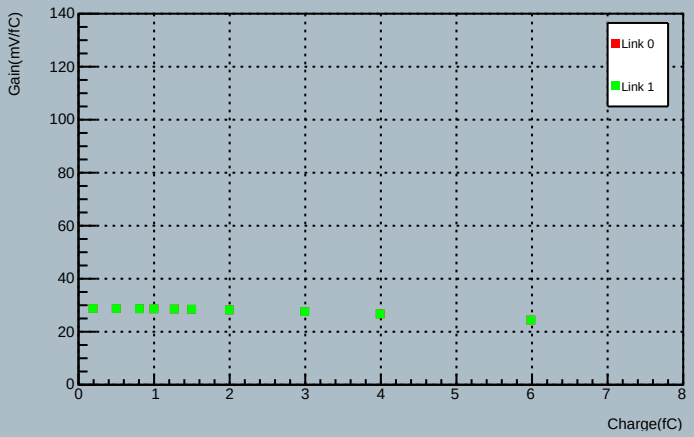
ATLAS ITk Test: Response Curve detail - Thu Jun 23 13:08:02 2022 - TRIUMF

Page 11 Run 1407 Start Scan 8 Chip 7 (3) Module 0 (ABCStar_R4H1_Hybrid0) - Type ABCStar_Test #2

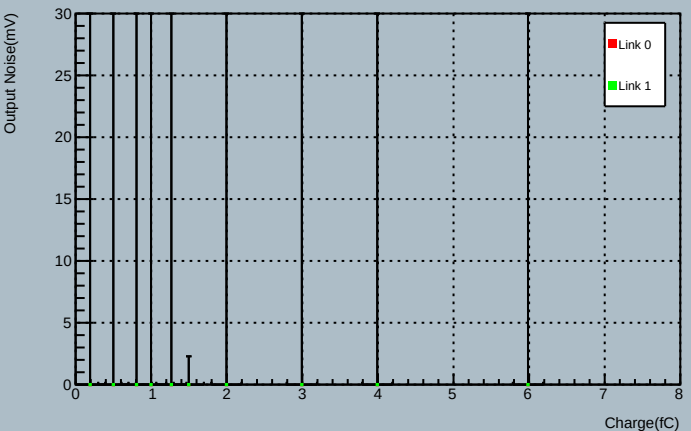
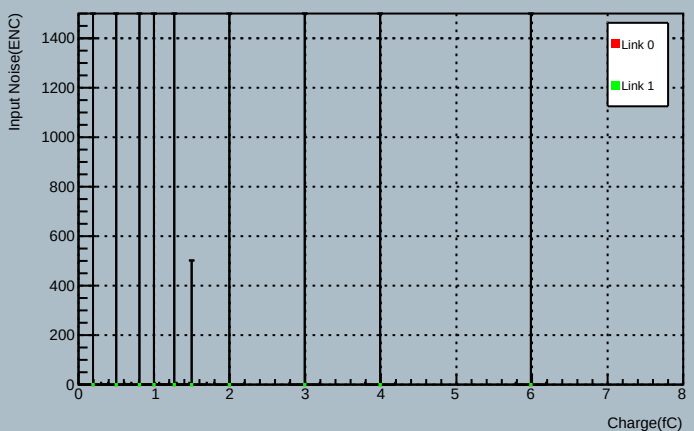
Chip 7 Response Curve



Chip 7 Gain



Chip 7 Output Noise



Chip 7 Input Noise