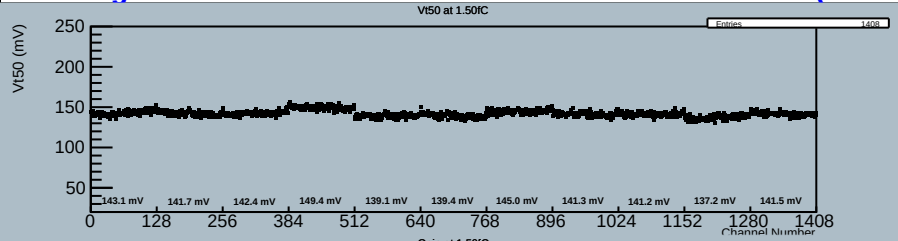
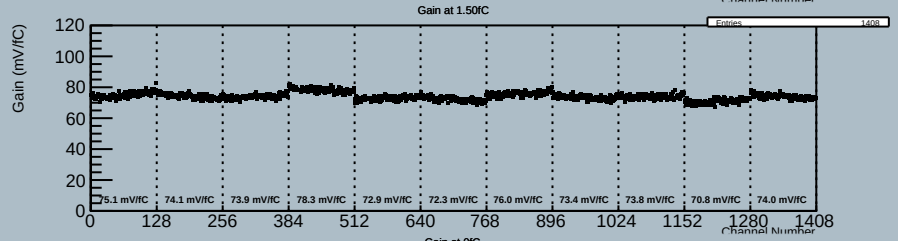
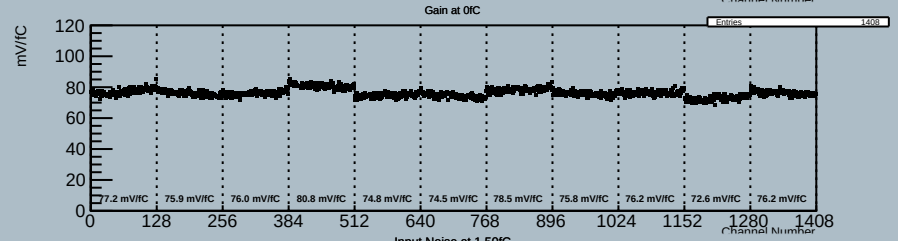
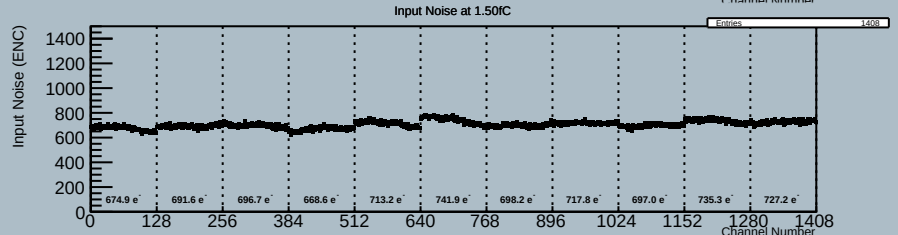
ATLAS ITk Test: Response vs. Channel - Wed Jun 22 14:53:16 2022 - TRIUMF

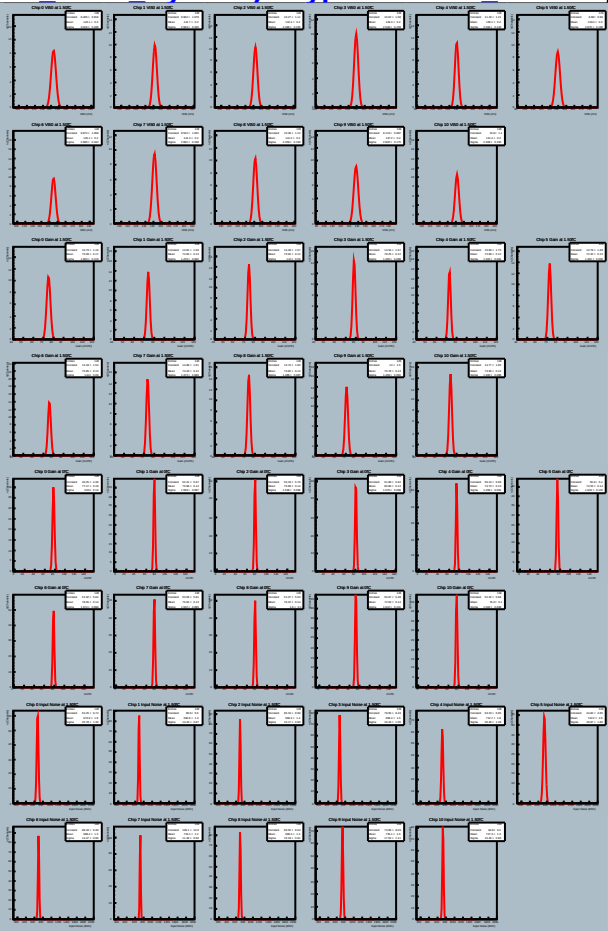
Page 1 Run 1396 Start Scan 8 Stream 0 Module 1 (ABCStar_R1H1_Hybrid0) - Type ABCStar_Test #1





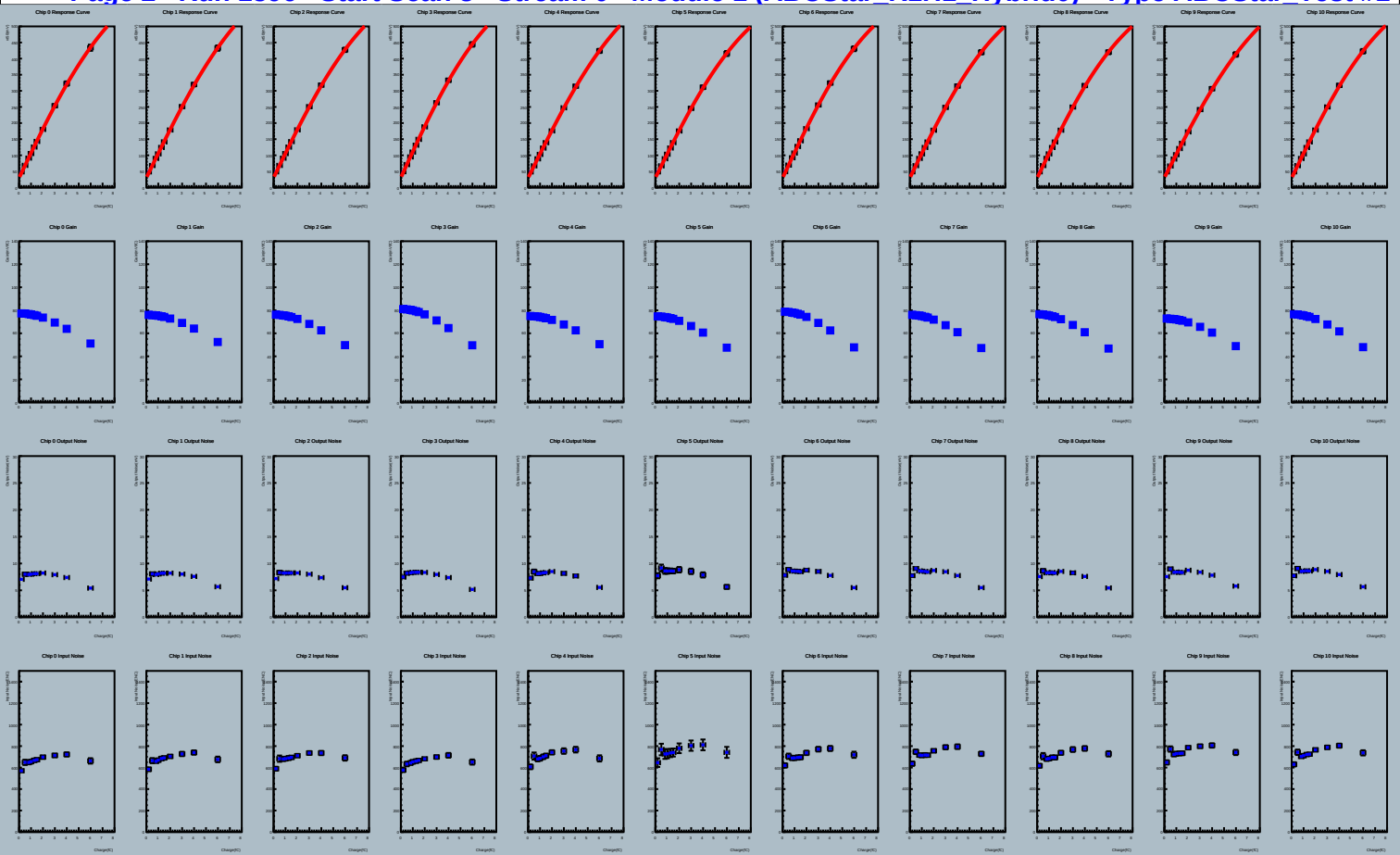






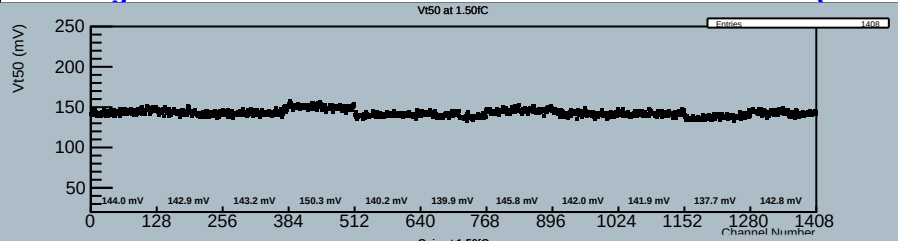
ATLAS ITk Test: Response Curve - Wed Jun 22 14:53:16 2022 - TRIUMF

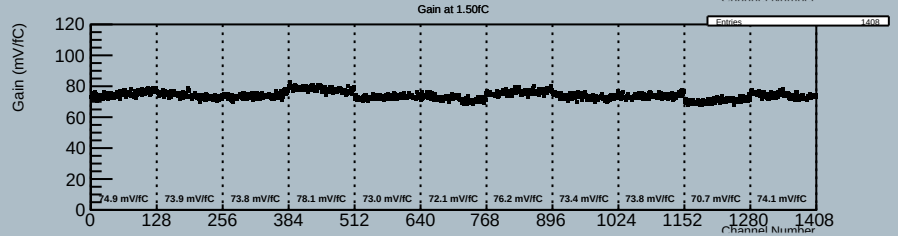
Page 2 Run 1396 Start Scan 8 Stream 0 Module 1 (ABCStar_R1H1_Hybrid0) - Type ABCStar_Test #1

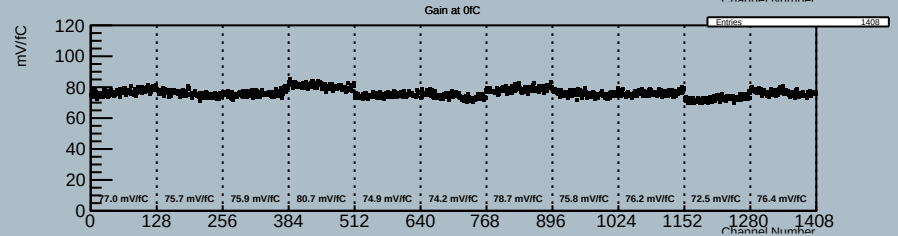


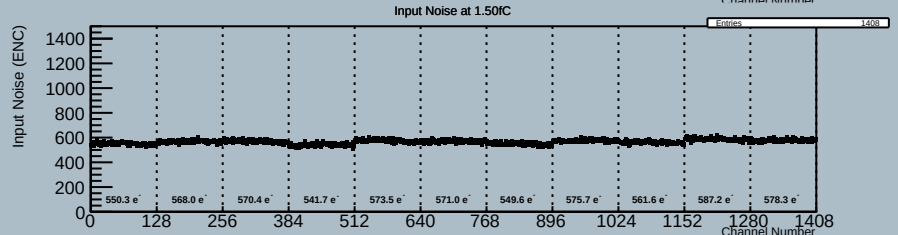
ATLAS ITk Test: Response vs. Channel - Wed Jun 22 14:53:16 2022 - TRIUMF

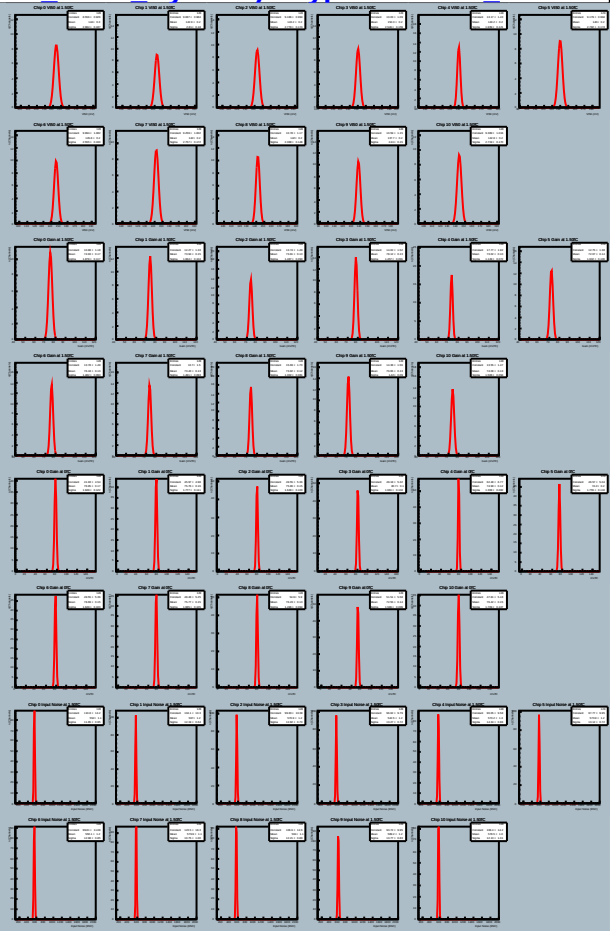
Page 3 Run 1396 Start Scan 8 Stream 1 Module 1 (ABCStar_R1H1_Hybrid0) - Type ABCStar_Test #1





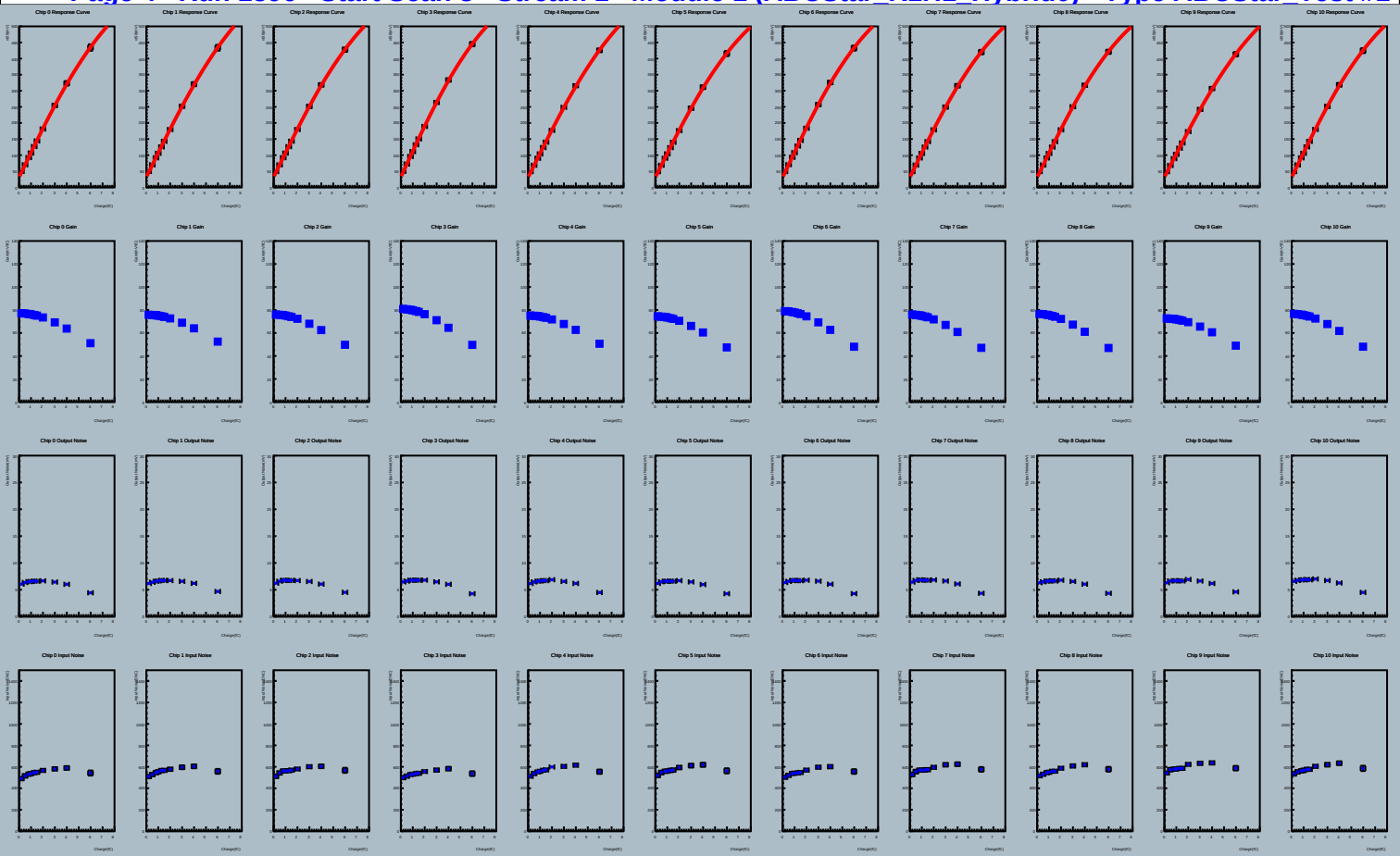






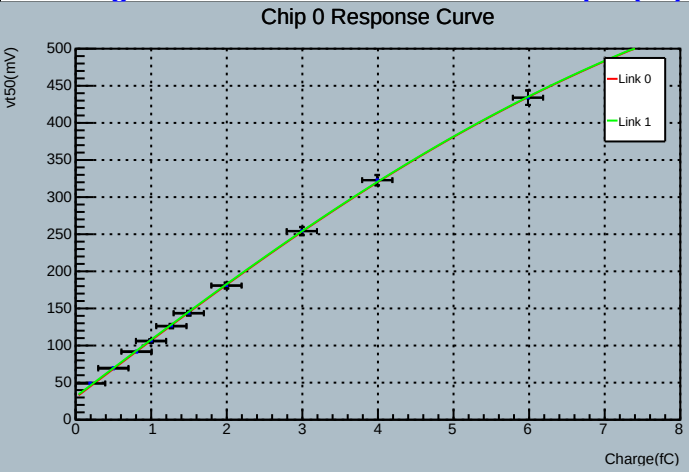
ATLAS ITk Test: Response Curve - Wed Jun 22 14:53:16 2022 - TRIUMF

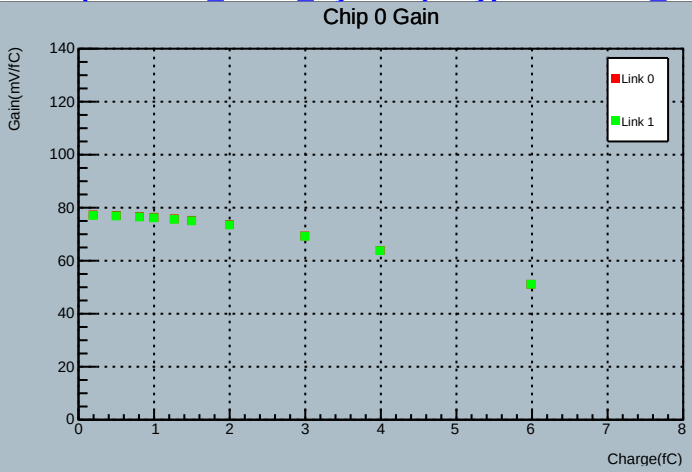
Page 4 Run 1396 Start Scan 8 Stream 1 Module 1 (ABCStar_R1H1_Hybrid0) - Type ABCStar_Test #1

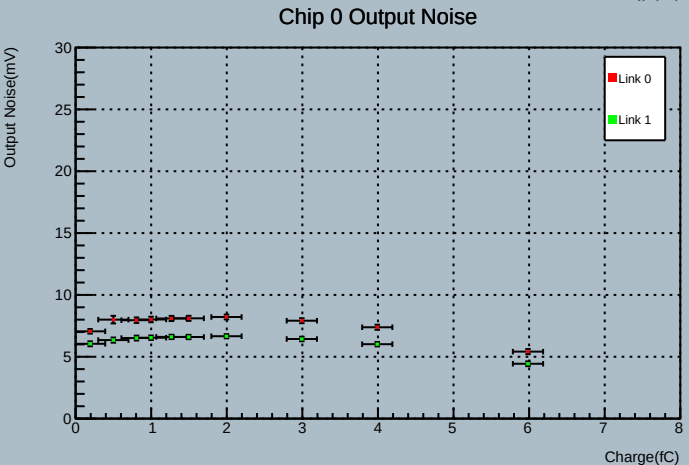


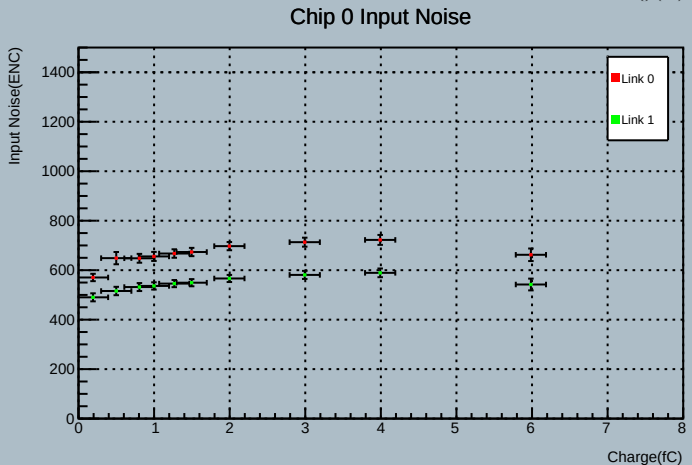
ATLAS ITk Test: Response Curve detail - Wed Jun 22 14:53:16 2022 - TRIUMF

Page 4 Run 1396 Start Scan 8 Chip 0 (10) Module 1 (ABCStar_R1H1_Hybrid0) - Type ABCStar_Test #1



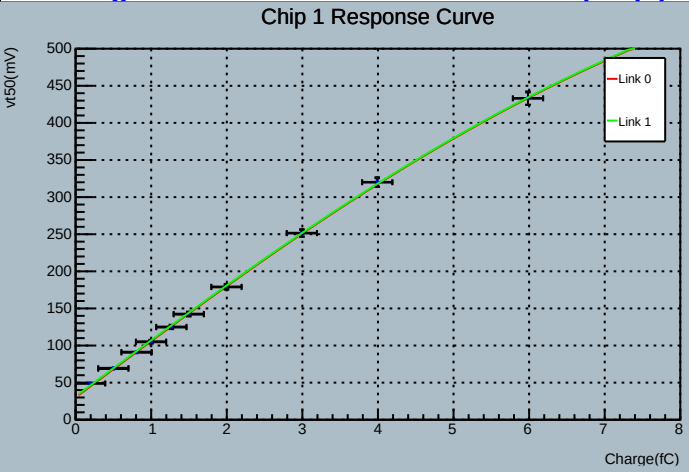


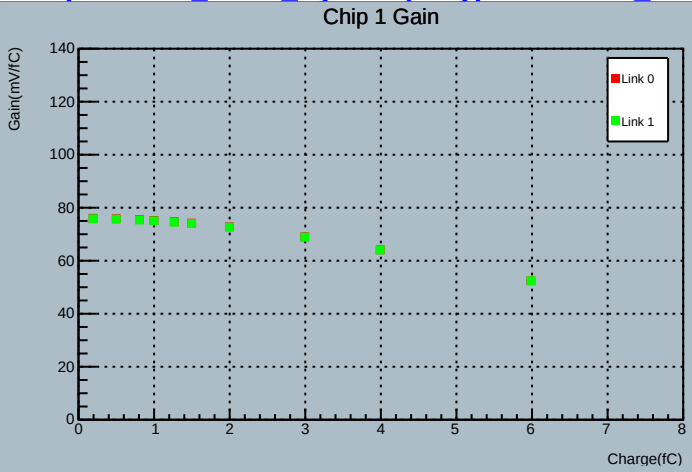


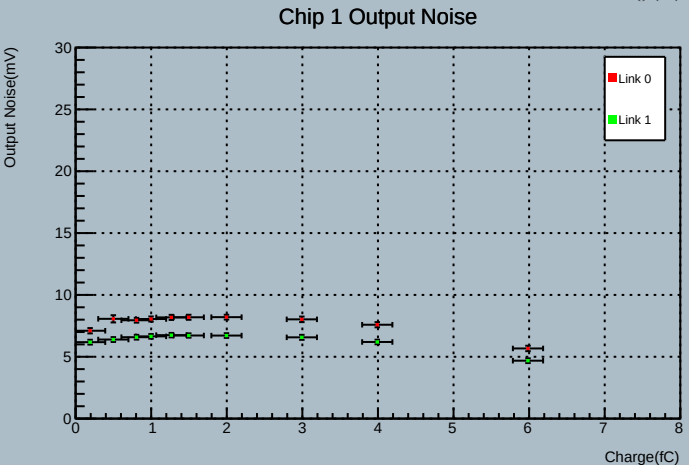


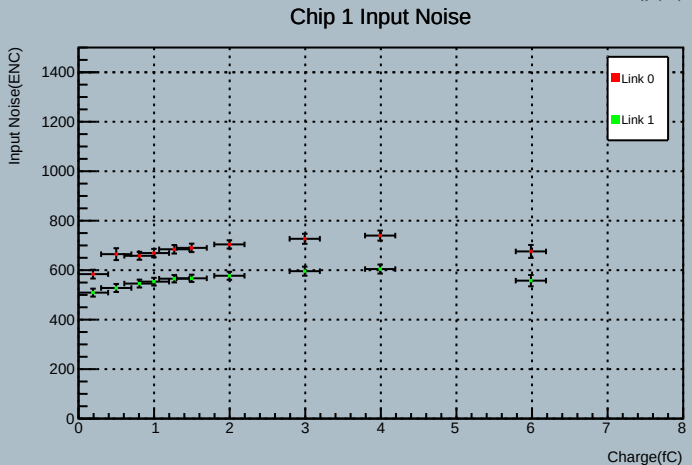
ATLAS ITk Test: Response Curve detail - Wed Jun 22 14:53:16 2022 - TRIUMF

Page 5 Run 1396 Start Scan 8 Chip 1 (9) Module 1 (ABCStar_R1H1_Hybrid0) - Type ABCStar_Test #1



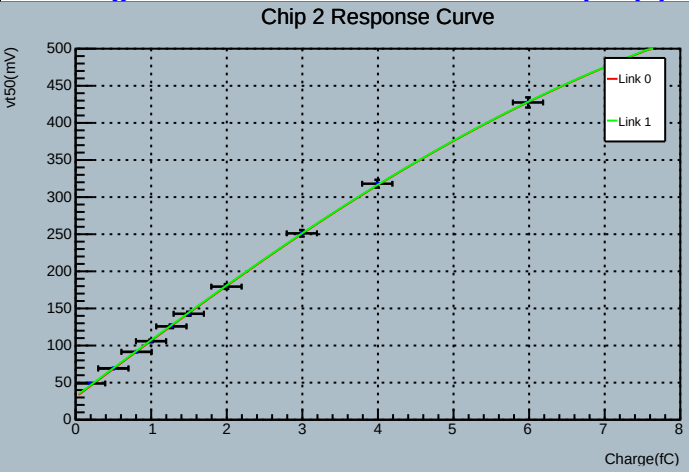


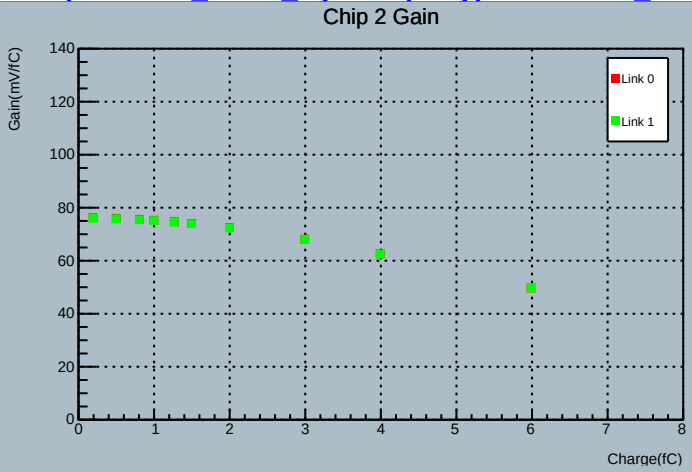


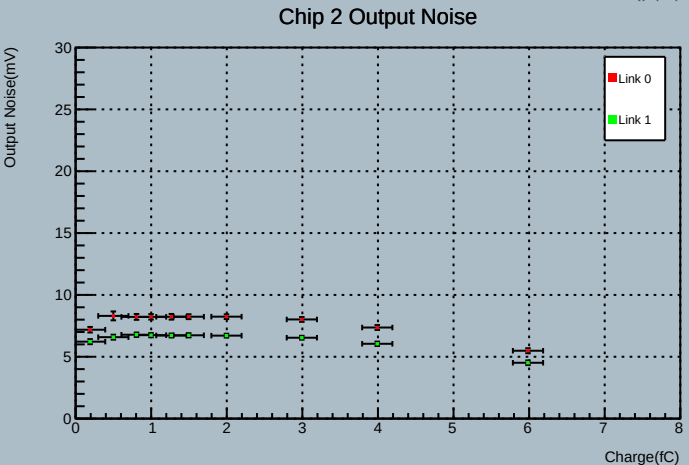


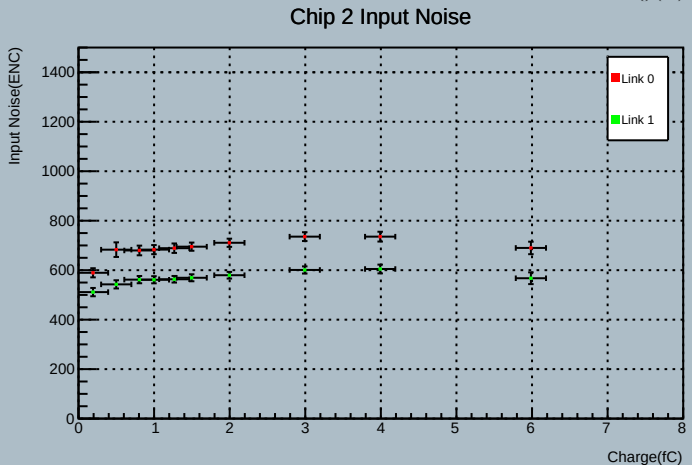
ATLAS ITk Test: Response Curve detail - Wed Jun 22 14:53:16 2022 - TRIUMF

Page 6 Run 1396 Start Scan 8 Chip 2 (8) Module 1 (ABCStar_R1H1_Hybrid0) - Type ABCStar_Test #1



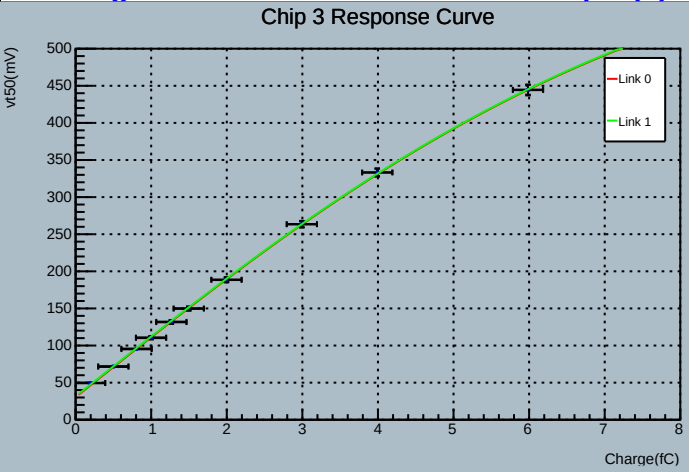


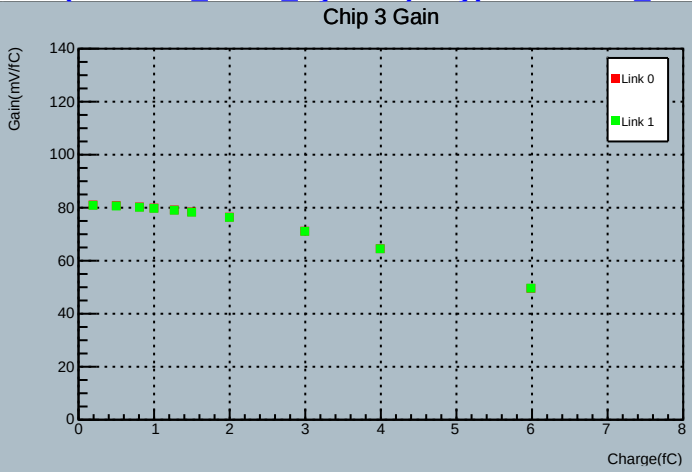


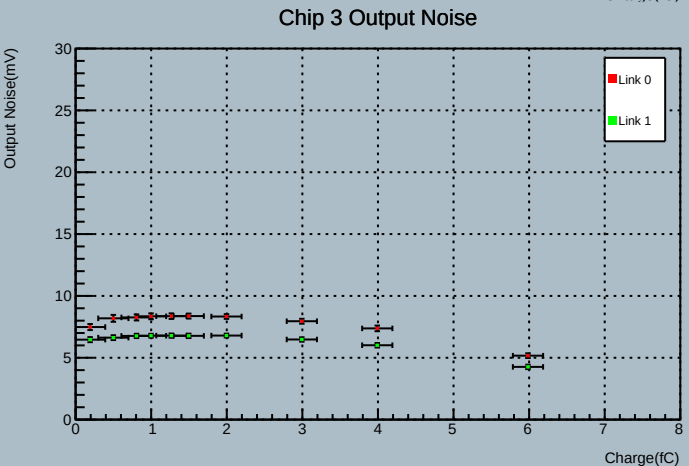


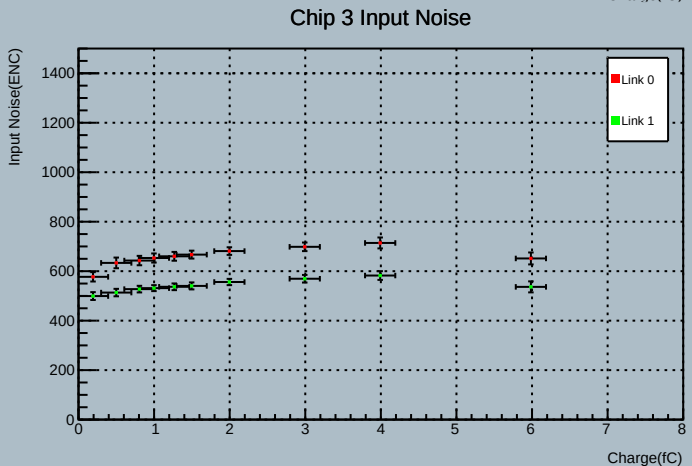
ATLAS ITk Test: Response Curve detail - Wed Jun 22 14:53:16 2022 - TRIUMF

Page 7 Run 1396 Start Scan 8 Chip 3 (7) Module 1 (ABCStar_R1H1_Hybrid0) - Type ABCStar_Test #1



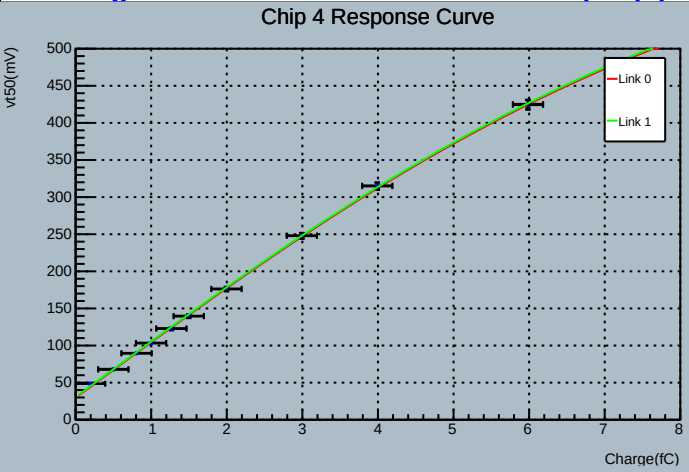


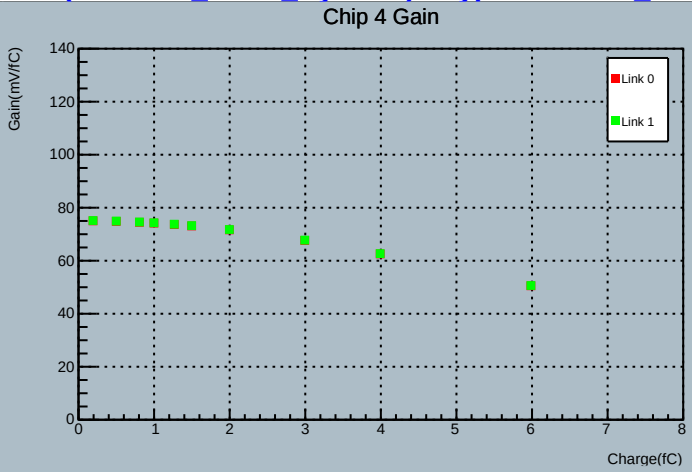


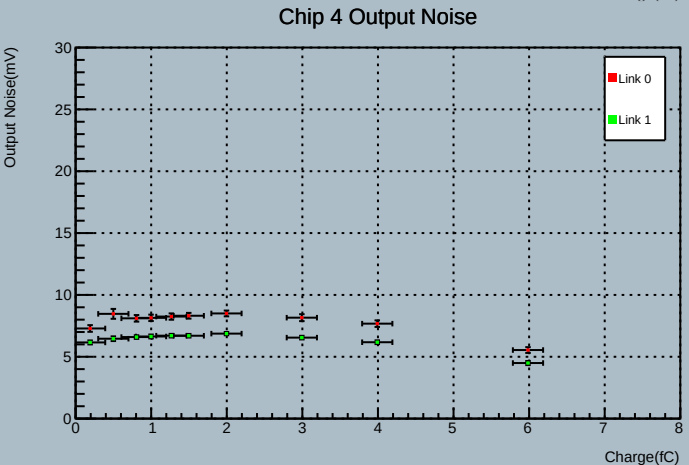


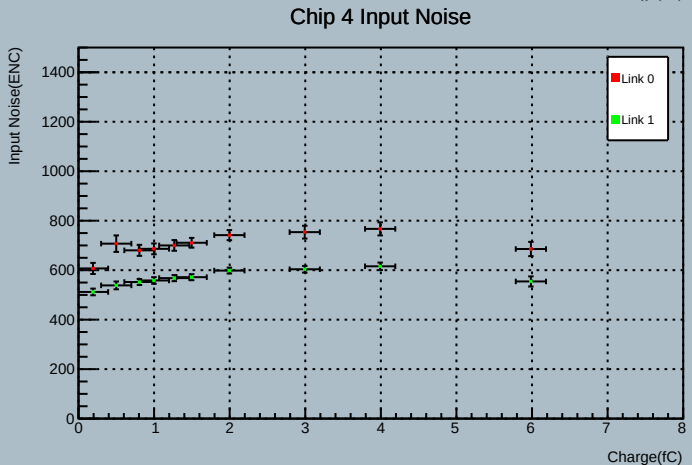
ATLAS ITk Test: Response Curve detail - Wed Jun 22 14:53:16 2022 - TRIUMF

Page 8 Run 1396 Start Scan 8 Chip 4 (6) Module 1 (ABCStar_R1H1_Hybrid0) - Type ABCStar_Test #1



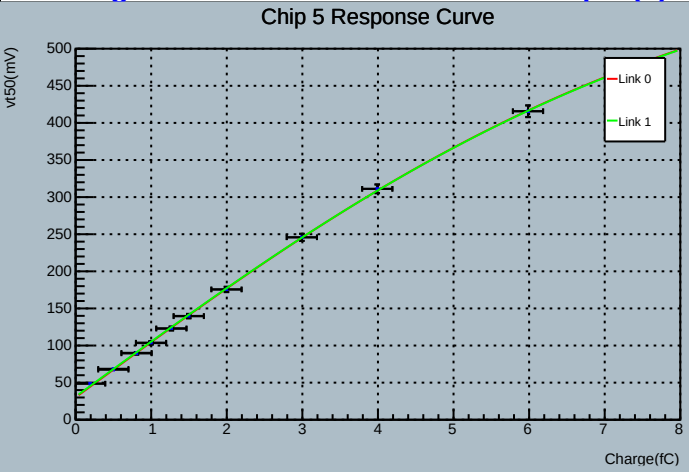


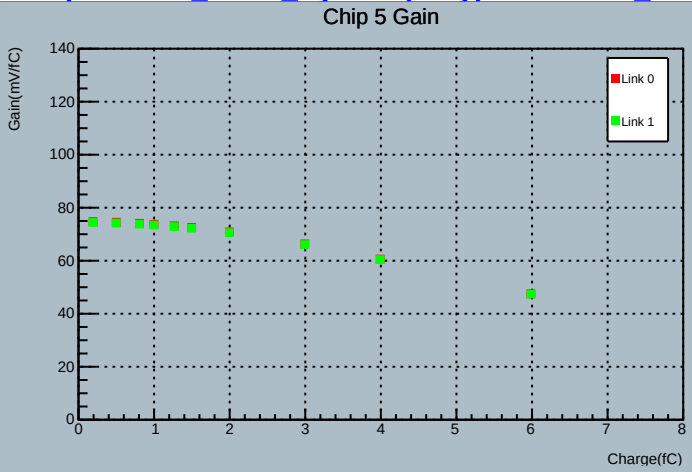


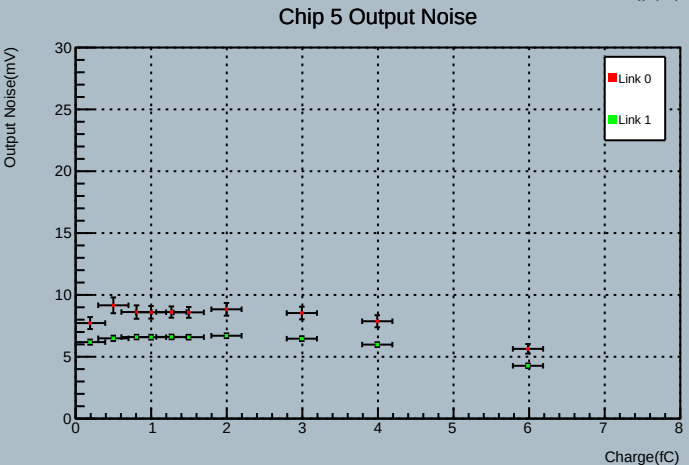


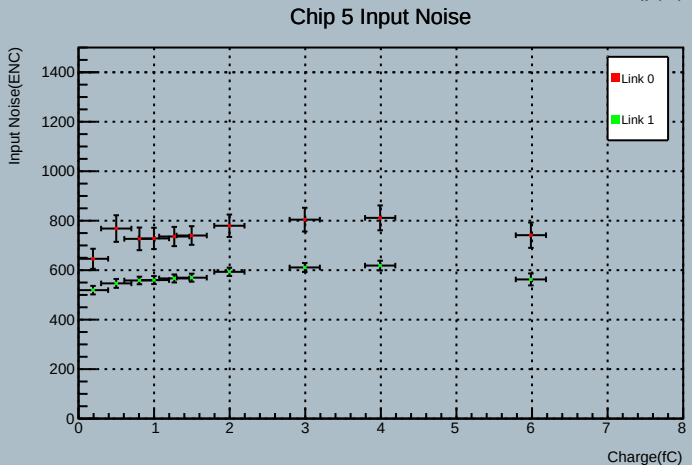
ATLAS ITk Test: Response Curve detail - Wed Jun 22 14:53:16 2022 - TRIUMF

Page 9 Run 1396 Start Scan 8 Chip 5 (5) Module 1 (ABCStar_R1H1_Hybrid0) - Type ABCStar_Test #1





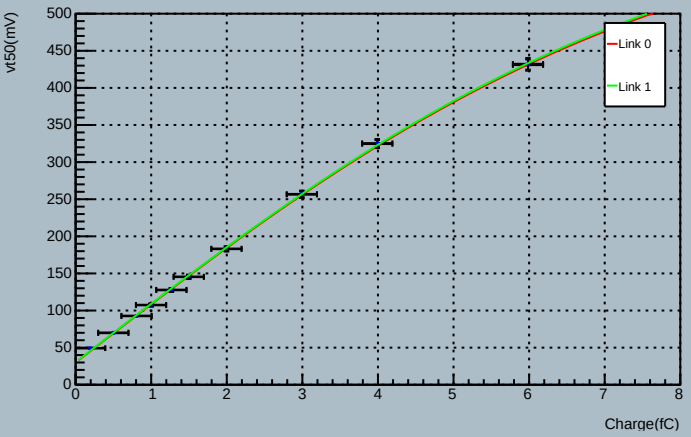




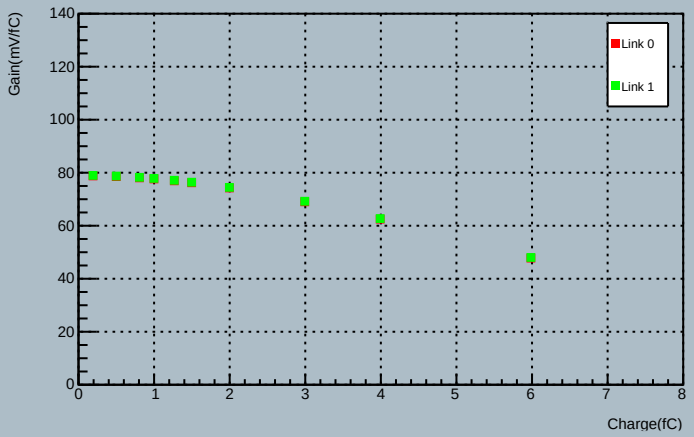
ATLAS ITk Test: Response Curve detail - Wed Jun 22 14:53:16 2022 - TRIUMF

Page 10 Run 1396 Start Scan 8 Chip 6 (4) Module 1 (ABCStar_R1H1_Hybrid0) - Type ABCStar_Test #1

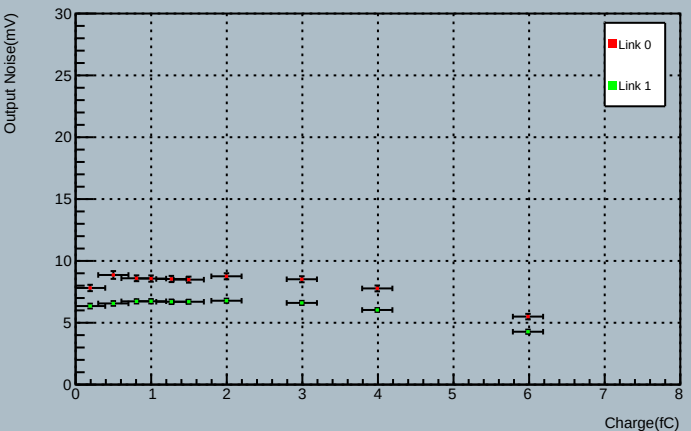
Chip 6 Response Curve



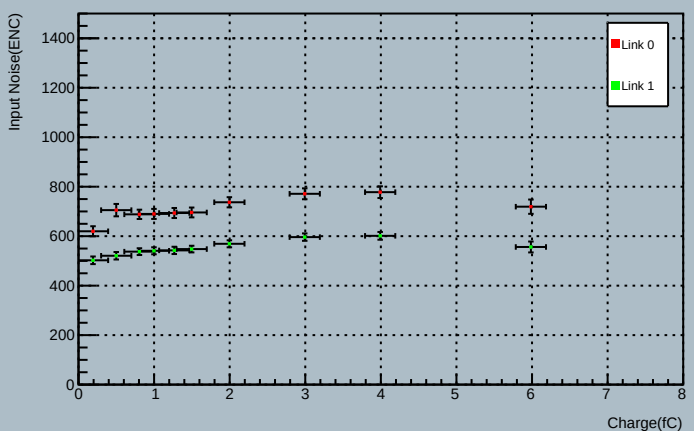
Chip 6 Gain



Chip 6 Output Noise

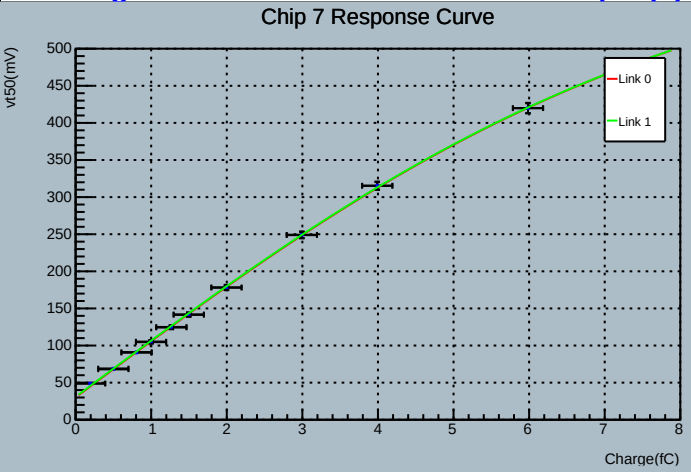


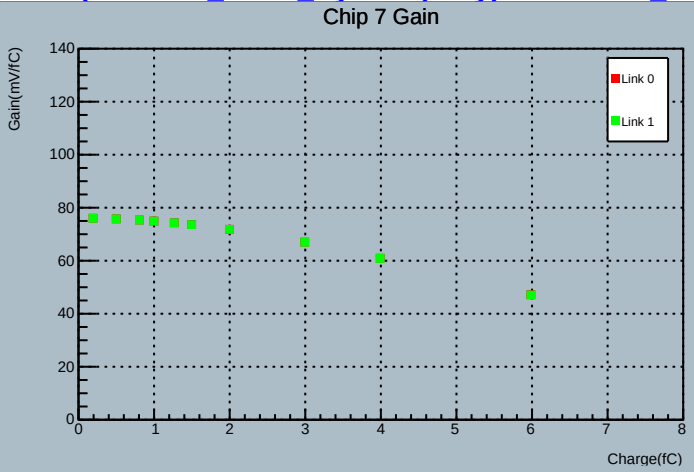
Chip 6 Input Noise

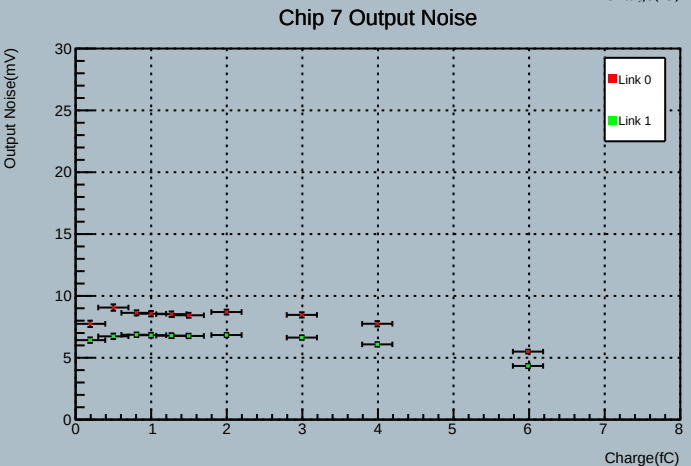


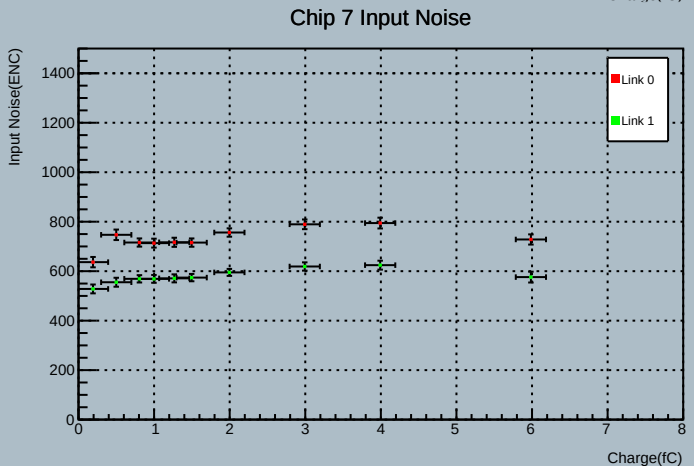
ATLAS ITk Test: Response Curve detail - Wed Jun 22 14:53:16 2022 - TRIUMF

Page 11 Run 1396 Start Scan 8 Chip 7 (3) Module 1 (ABCStar_R1H1_Hybrid0) - Type ABCStar_Test #1



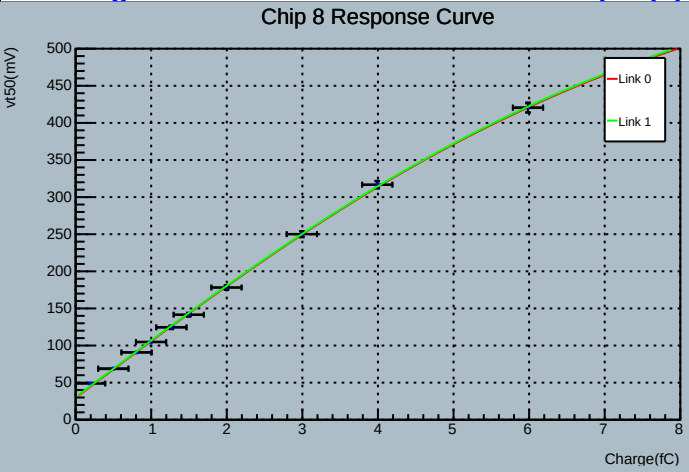


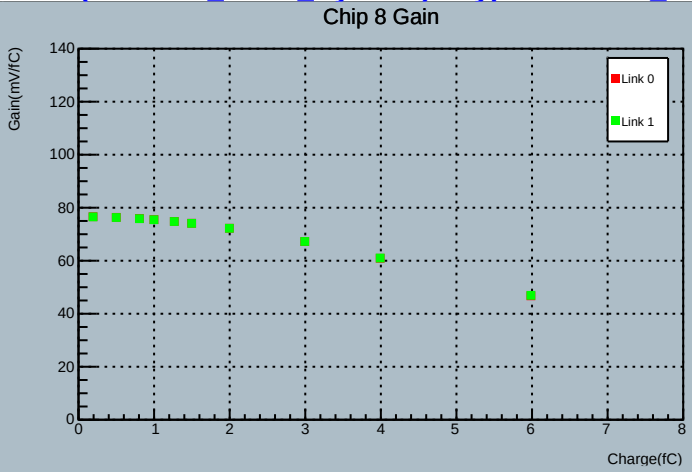


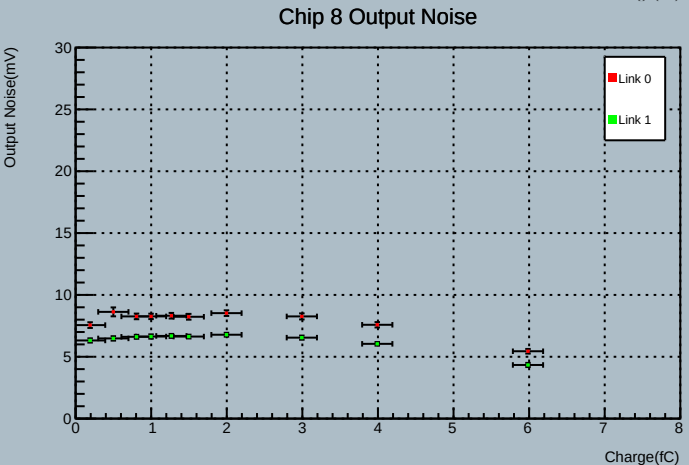


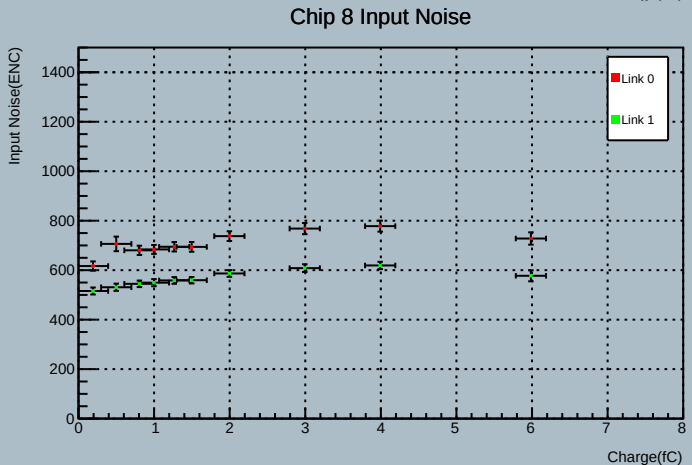
ATLAS ITk Test: Response Curve detail - Wed Jun 22 14:53:16 2022 - TRIUMF

Page 12 Run 1396 Start Scan 8 Chip 8 (2) Module 1 (ABCStar_R1H1_Hybrid0) - Type ABCStar_Test #1





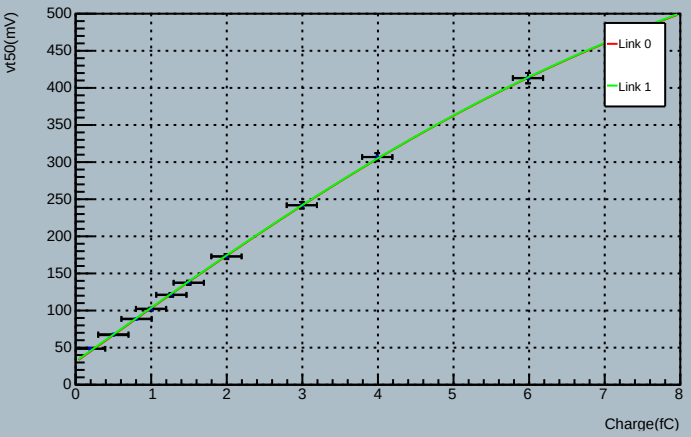




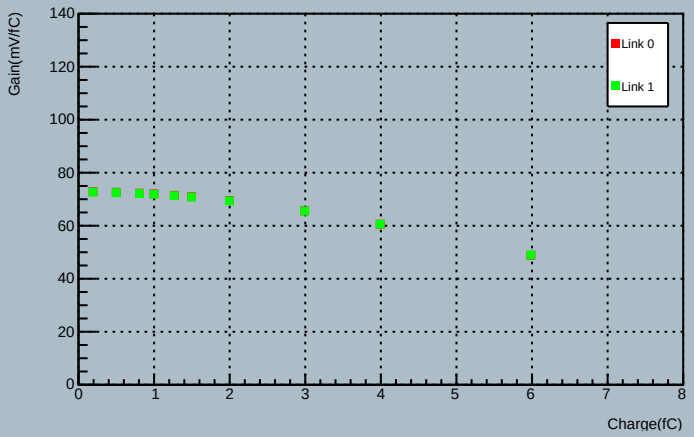
ATLAS ITk Test: Response Curve detail - Wed Jun 22 14:53:16 2022 - TRIUMF

Page 13 Run 1396 Start Scan 8 Chip 9 (1) Module 1 (ABCStar_R1H1_Hybrid0) - Type ABCStar_Test #1

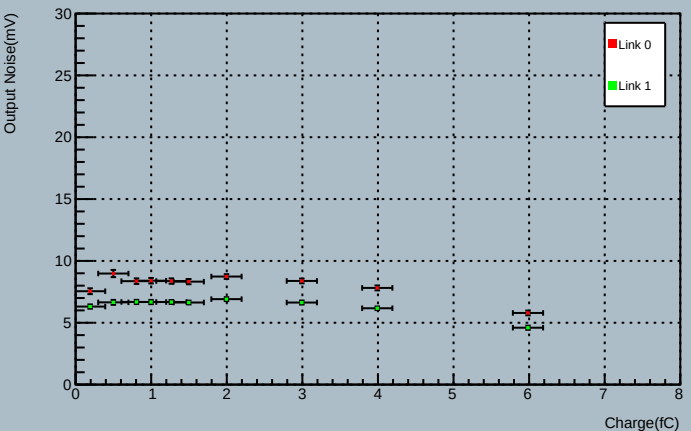
Chip 9 Response Curve



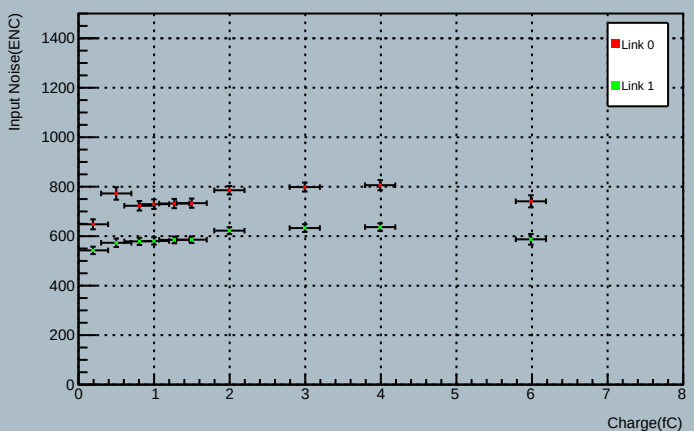
Chip 9 Gain

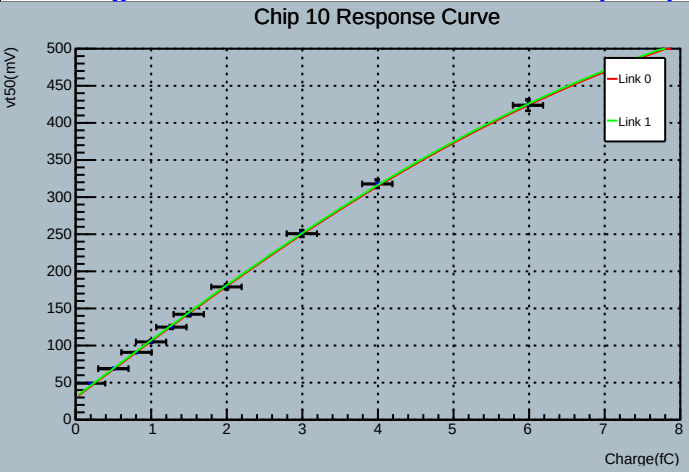
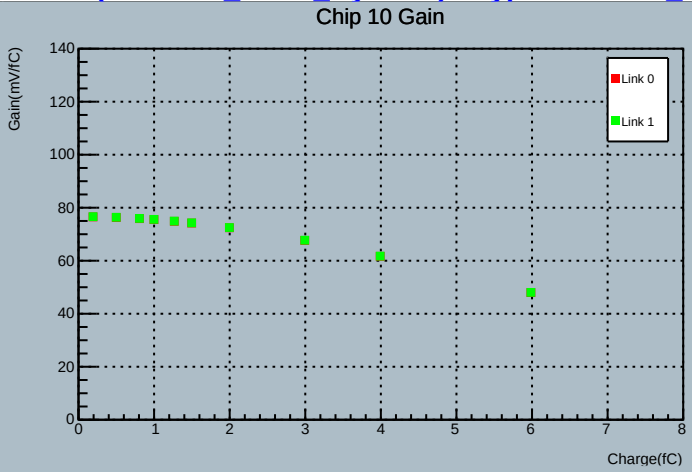
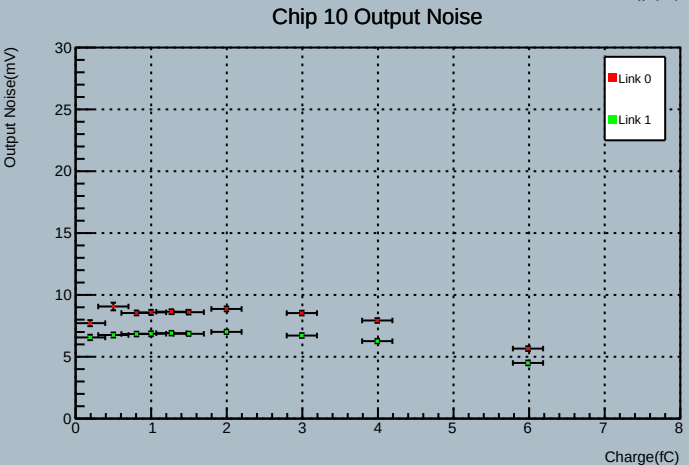
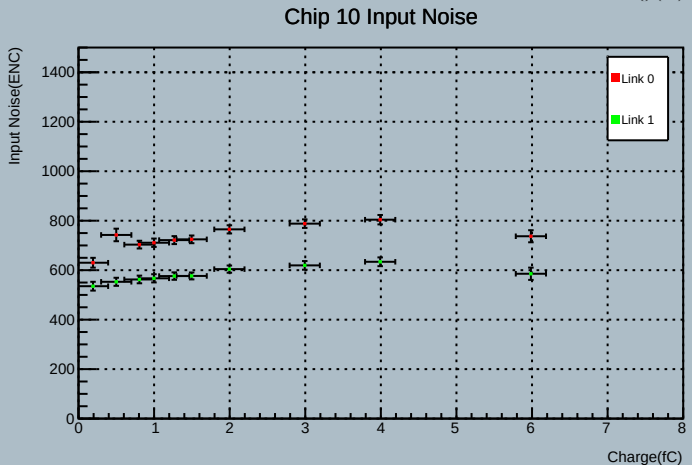


Chip 9 Output Noise



Chip 9 Input Noise



ATLAS ITk Test: Response Curve detail - Wed Jun 22 14:53:16 2022 - TRIUMF

Page 14 Run 1396 Start Scan 8 Chip 10 (0) Module 1 (ABCStar_R1H1_Hybrid0) - Type ABCStar_Test