Page 1 Run 26 Start Scan 58 Stream 0 Module 5 (JaneDoe3Y) - Type Barrel 250 -200 150 100 50 E 120 = 100 E 60 40 120 ⊏ 100 F 60 20 1152 1280 Input Noise at 1.50fC 1400 E 1200 1000 E 800 600 400 200 768

ATLAS ITk Test: Response Curve - Wed Nov 22 19:19:49 2023 - BHAM_COLDJIG Page 2 Run 26 Start Scan 58 Stream 0 Module 5 (Jane Doe 3Y) - Type Barrel

Page 2 Run 26 Start Scan 58 Stream 0 Module 5 (JaneDoe3Y) - Type Barrel

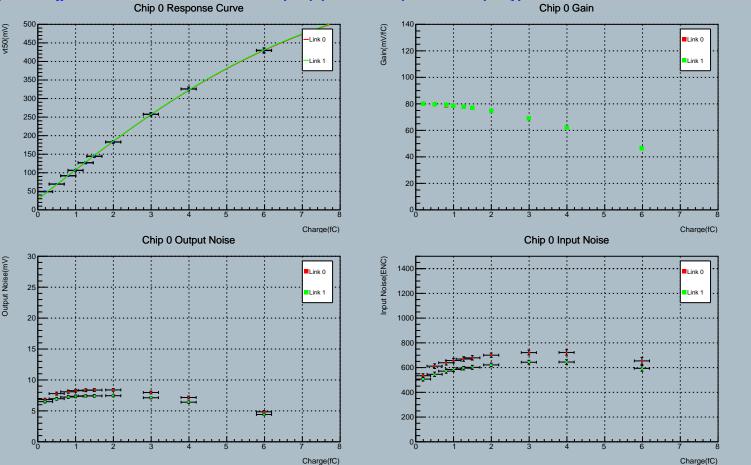
Chip 1 Response Curve Chip 5 Response Chip 5 Resp Chip 0 Gain Chip 2 Gain Chip 3 Gain Chip 4 Gain Chip 5 Gain Chip 6 Gain Chip 7 Gain Chip 8 Gain Chip 0 Output Noise Chip 0 Input Noise Chip 2 Input Noise Chip 3 Input Noise Chip 6 Input Noise

Page 3 Run 26 Start Scan 58 Stream 1 Module 5 (JaneDoe3Y) - Type Barrel 250 -200 150 100 50 F 120 F 100 60 40 120 ⊏ 100 F 60 20 1152 1280 384 Input Noise at 1.50fC 1400 E 1200 1000 E 800 600 400 E 200 768

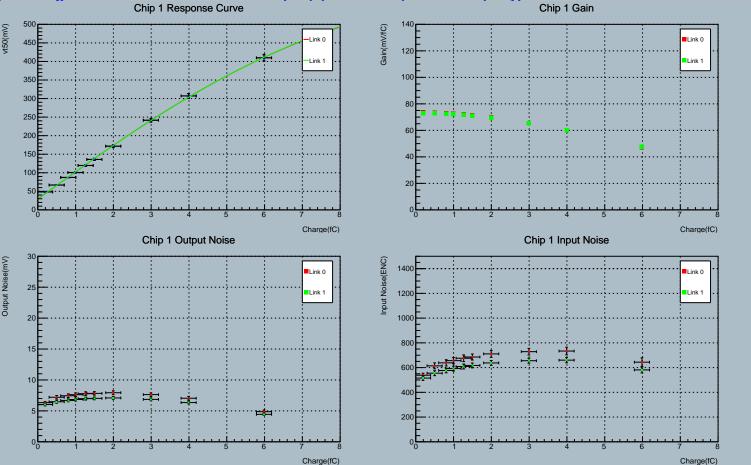
ATLAS ITk Test: Response Curve - Wed Nov 22 19:19:49 2023 - BHAM_COLDJIG Page 4 Run 26 Start Scan 58 Stream 1 Module 5 (JaneDoe3Y) - Type Barrel City o Response Curve City o Respon

Chip 0 Gain Chip 2 Gain Chip 3 Gain Chip 4 Gain Chip 5 Gain Chip 6 Gain Chip 7 Gain Chip 8 Gain Chip 0 Output Noise Chip 0 Input Noise Chip 2 Input Noise Chip 3 Input Noise Chip 6 Input Noise

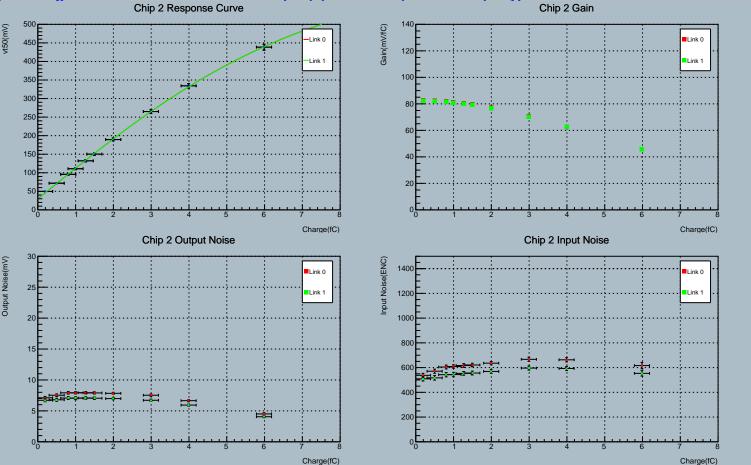
Page 4 Run 26 Start Scan 58 Chip 0 (0) Module 5 (JaneDoe3Y) - Type Barrel



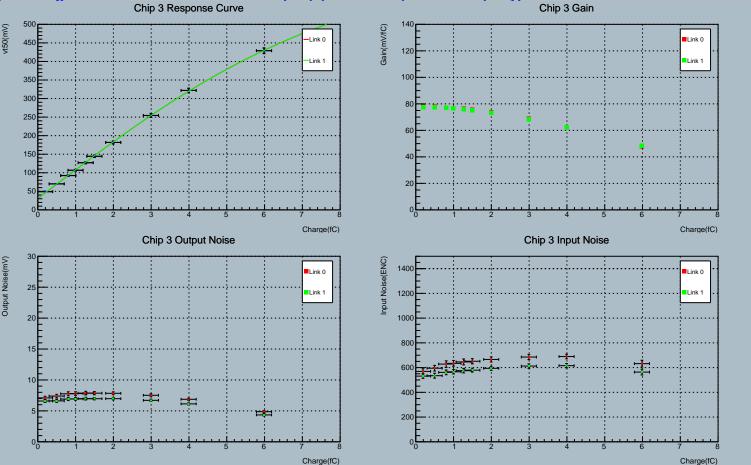
Page 5 Run 26 Start Scan 58 Chip 1 (1) Module 5 (JaneDoe3Y) - Type Barrel



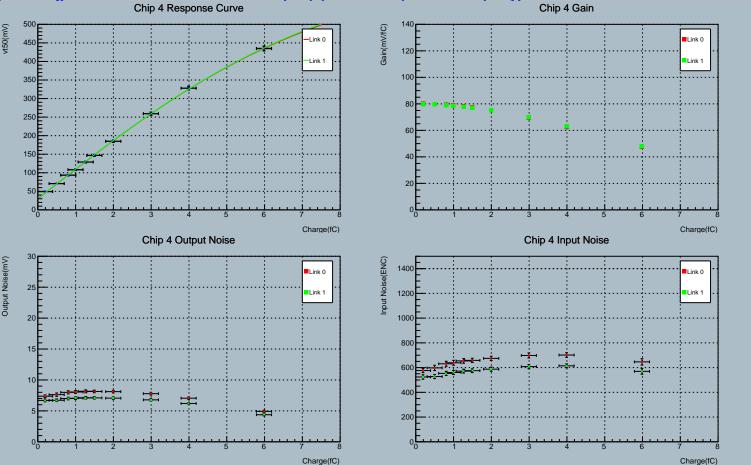
Page 6 Run 26 Start Scan 58 Chip 2 (2) Module 5 (JaneDoe3Y) - Type Barrel



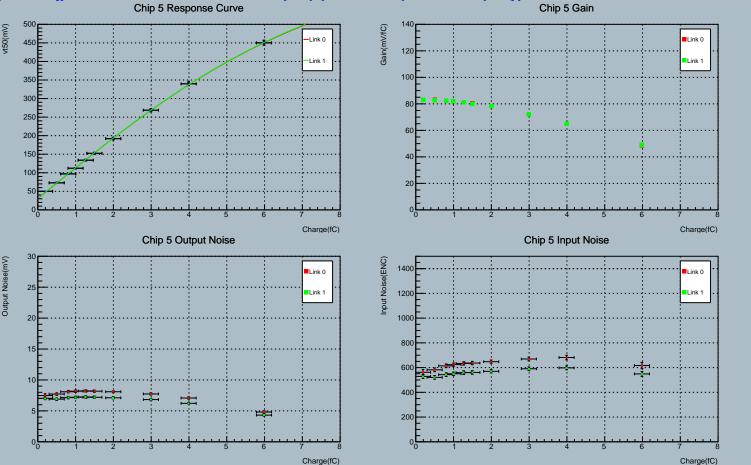
Page 7 Run 26 Start Scan 58 Chip 3 (3) Module 5 (JaneDoe3Y) - Type Barrel



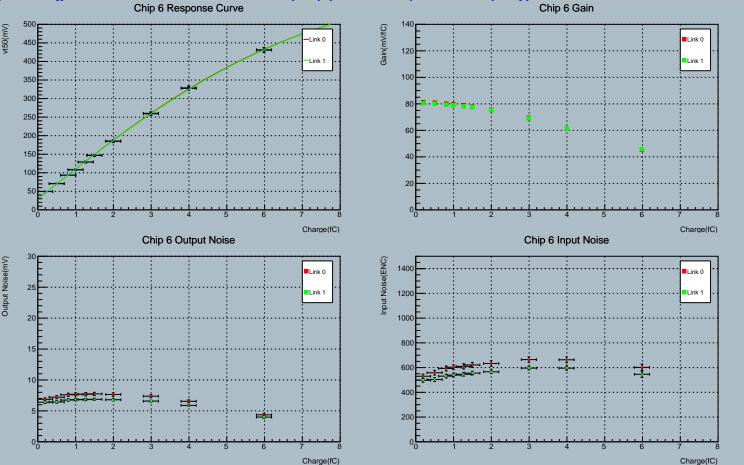
Page 8 Run 26 Start Scan 58 Chip 4 (4) Module 5 (JaneDoe3Y) - Type Barrel



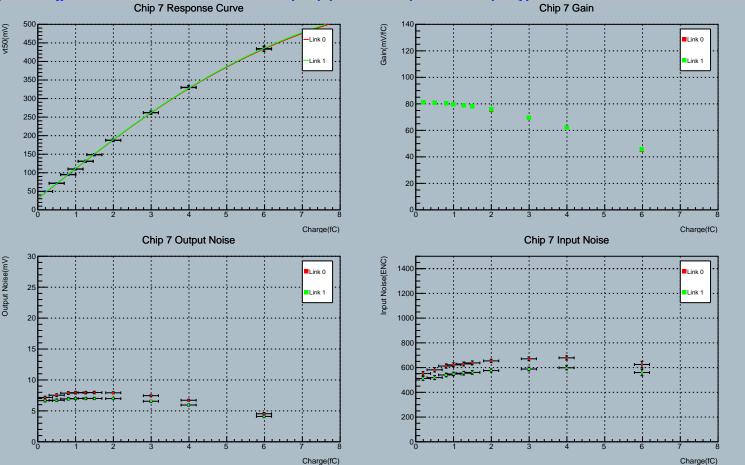
Page 9 Run 26 Start Scan 58 Chip 5 (5) Module 5 (JaneDoe3Y) - Type Barrel



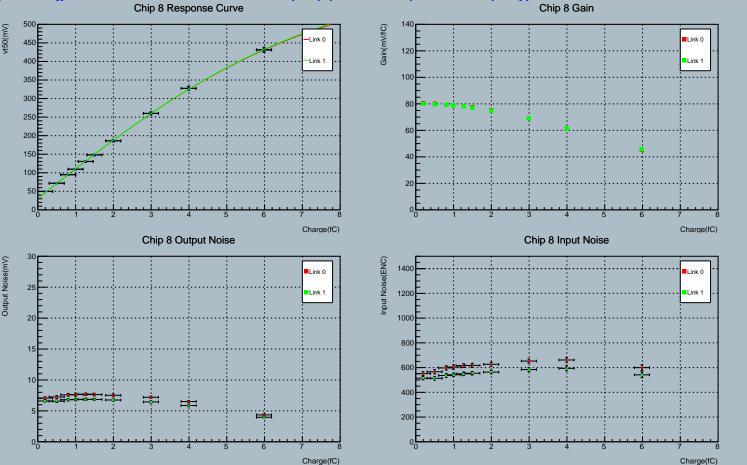
Page 10 Run 26 Start Scan 58 Chip 6 (6) Module 5 (JaneDoe3Y) - Type Barrel



Page 11 Run 26 Start Scan 58 Chip 7 (7) Module 5 (JaneDoe3Y) - Type Barrel



Page 12 Run 26 Start Scan 58 Chip 8 (8) Module 5 (JaneDoe3Y) - Type Barrel



Page 13 Run 26 Start Scan 58 Chip 9 (9) Module 5 (JaneDoe3Y) - Type Barrel

