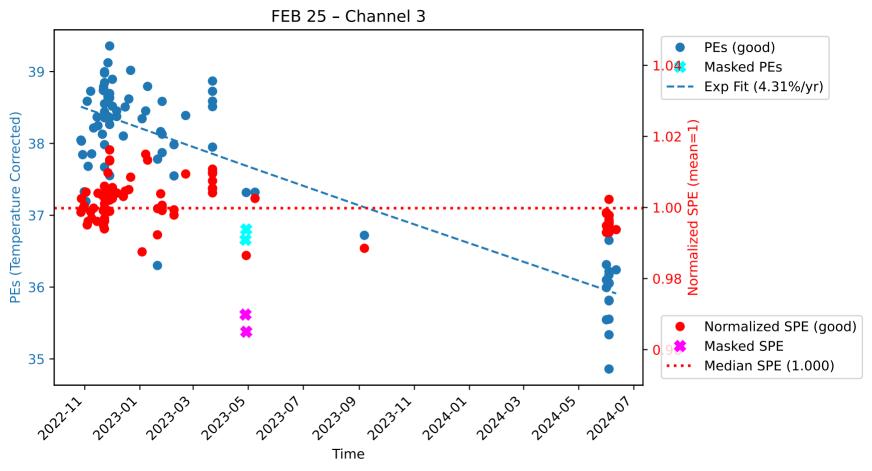
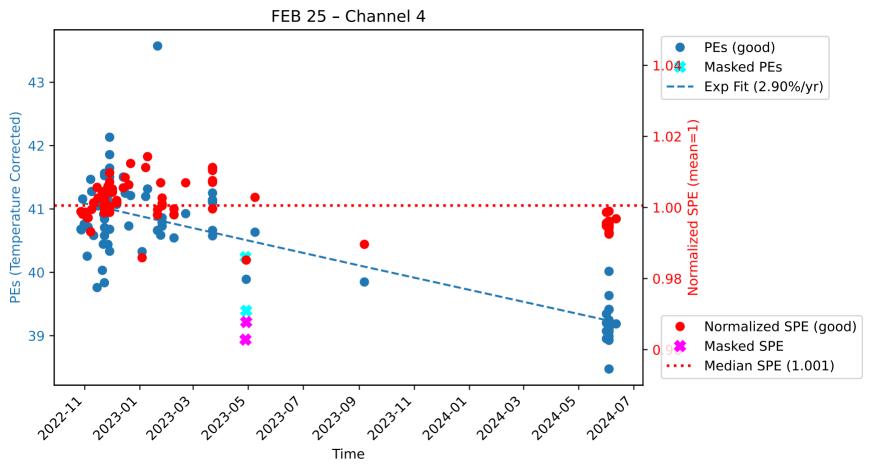
FEB 25 - Channel 0 PEs (good) 39.0 - 1.04 Masked PEs Exp Fit (3.24%/yr) 38.5 (Temperature Corrected) 38.0 37.5 37.0 36.5 1.02 1.00 g .0 86.0 Normalized 36.0 Normalized SPE (good) Masked SPE 35.5 Median SPE (1.001) 202.12 2023.03 2023.03 2023.03 2023.03 2023.12 2024.03 2024.03 2024.03 Time

FEB 25 - Channel 1 39.5 PEs (good) - 1.04 Masked PEs 39.0 Exp Fit (3.73%/yr) Corrected) 38.5 1.02 38.0 (Temperature 37.5 + 1.00 .0 86 Normalized 37.0 36.5 Normalized SPE (good) 36.0 Masked SPE Median SPE (1.000) 35.5 20271 2023-01 2023-03 2023-05 2023-01 2023-01 2024-01 2024-03 2024-01 Time

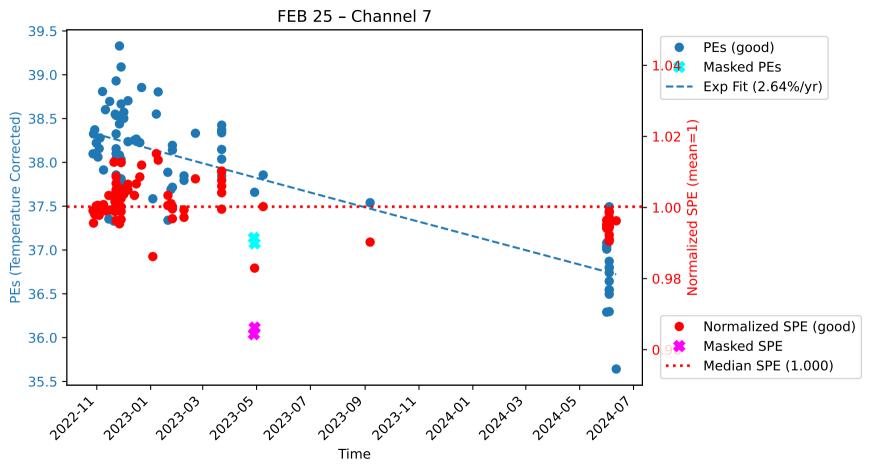
FEB 25 - Channel 2 43 PEs (good) 1.04 Masked PEs Exp Fit (3.50%/yr) 42 (Temperature Corrected) - 1.02 41 40 .0 86.0 Normalized 39 38 Normalized SPE (good) Masked SPE Median SPE (1.001) 37 202.11 2023.01 2023.03 2023.05 2023.01 2023.03 2023.11 2024.03 2024.05 2024.01



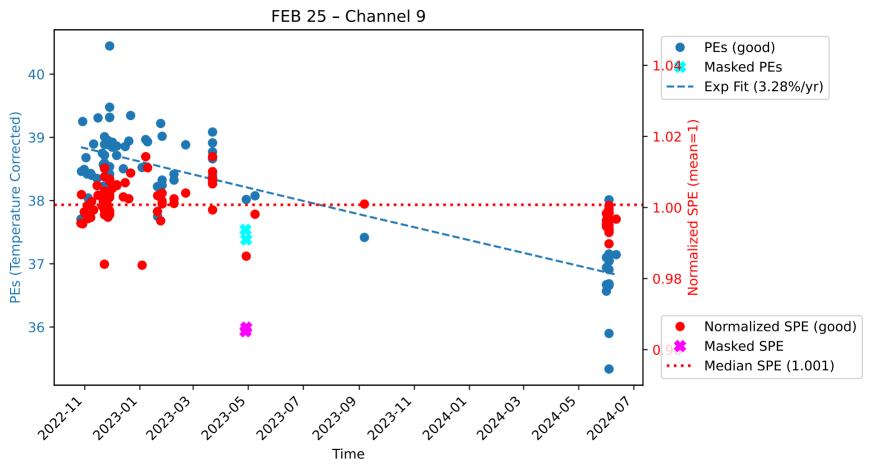


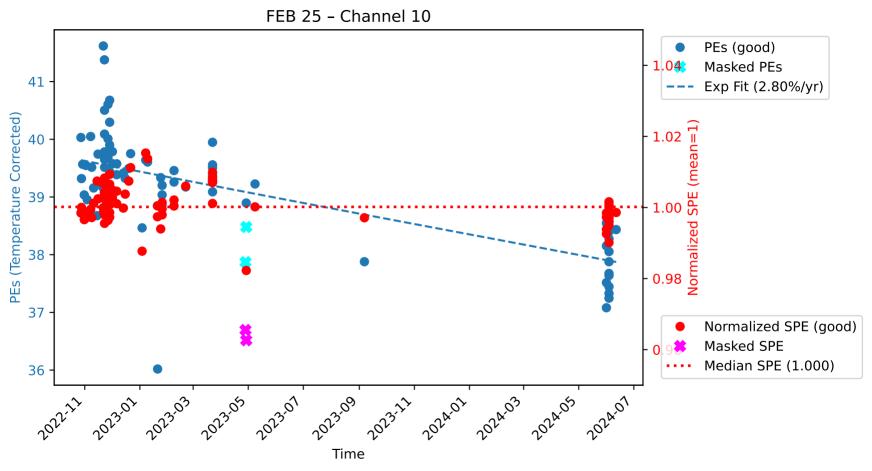
FEB 25 - Channel 5 PEs (good) 39.5 - 1.04 Masked PEs Exp Fit (3.27%/yr) 39.0 (Temperature Corrected) - 1.02 38.5 38.0 1.00 .0 86 Normalized 37.5 37.0 PEs 36.5 Normalized SPE (good) Masked SPE 36.0 Median SPE (1.000) 2022-12 2023-03 2023-05 2023-01 2023-03 2023-12 2024-03 2024-03 2024-01 Time

FEB 25 - Channel 6 40.0 PEs (good) - 1.04 Masked PEs 39.5 Exp Fit (2.98%/yr) Corrected) 39.0 - 1.02 38.5 (Temperature 38.0 1.00 -86.0 Normalized 37.5 37.0 Normalized SPE (good) 36.5 Masked SPE Median SPE (1.001) 36.0 20271 2023-01 2023-03 2023-05 2023-01 2023-01 2024-01 2024-03 2024-01 Time

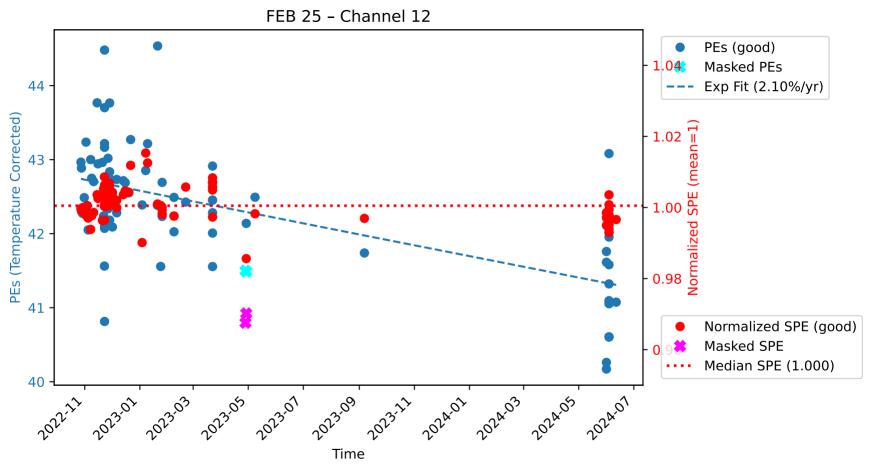


FEB 25 - Channel 8 PEs (good) - 1.04 Masked PEs Exp Fit (3.45%/yr) 40 (Temperature Corrected) - 1.02 39 1.00 g o.0 86 Normalized 38 Normalized SPE (good) 37 Masked SPE Median SPE (1.001) 2022-12 2023-02 2023-03 2023-03 2023-03 2023-03 2024-03 2024-03 2024-03

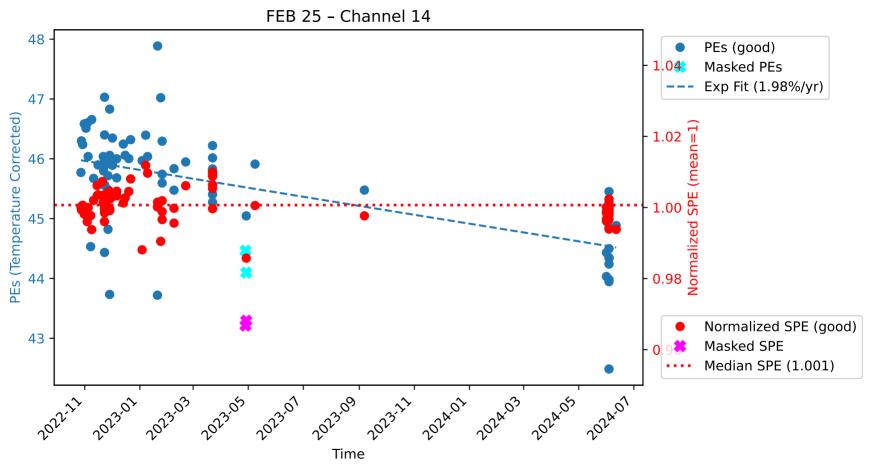


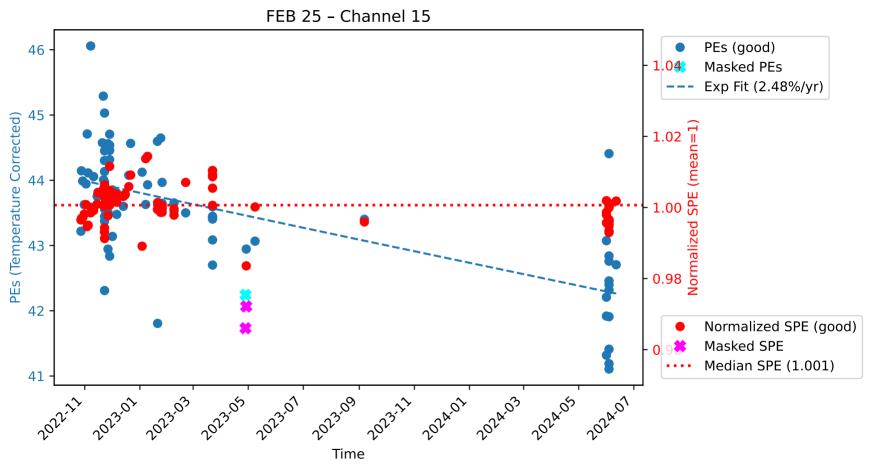


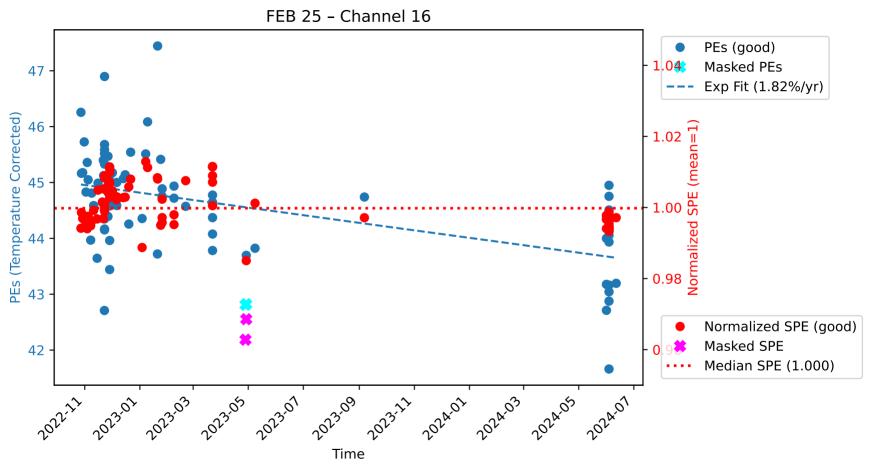
FEB 25 - Channel 11 PEs (good) 41.5 - 1.04 Masked PEs Exp Fit (2.88%/yr) 41.0 (Temperature Corrected) - 1.02 40.5 40.0 1.00 39.5 .0 86.0 Normalized 39.0 38.5 Normalized SPE (good) 38.0 Masked SPE Median SPE (1.001) 37.5 202.12 202.03 202.03 202.05 202.01 202.09 202.12 202.03 202.03 202.05 202.01 Time

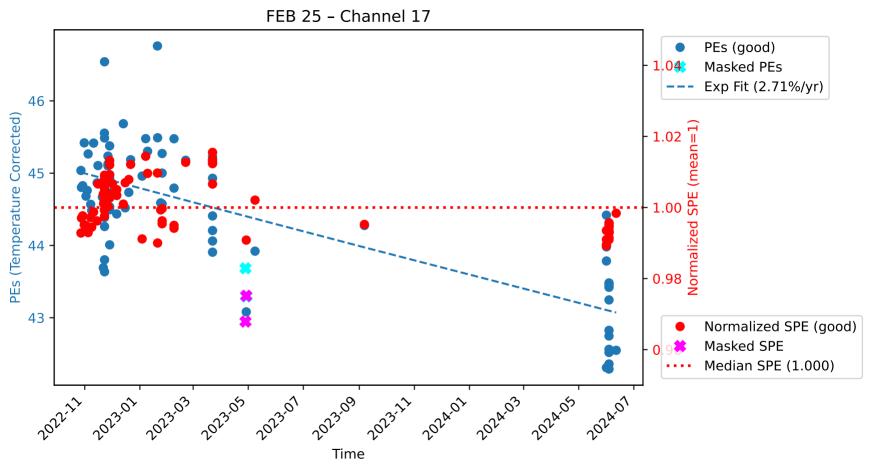


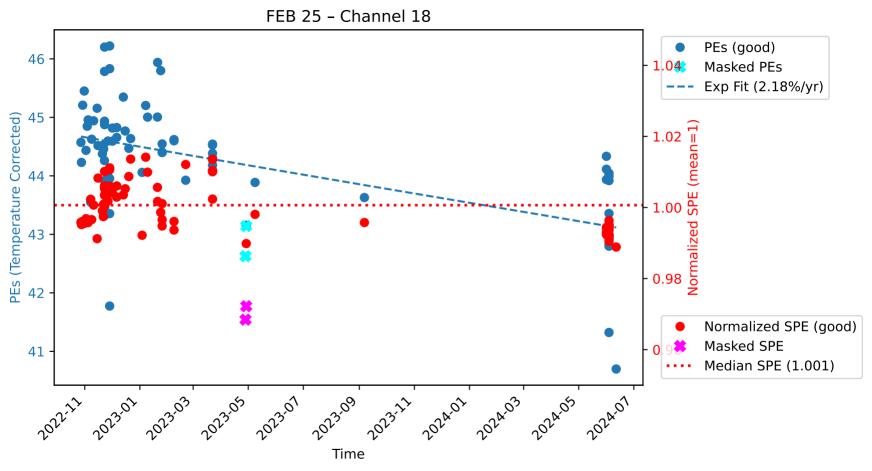
FEB 25 - Channel 13 43.0 PEs (good) - 1.04 Masked PEs 42.5 Exp Fit (3.04%/yr) (Temperature Corrected) 42.0 - 1.02 41.5 1.00 S 41.0 .0 86.0 Normalized 40.5 SH 40.0 Normalized SPE (good) 39.5 Masked SPE Median SPE (0.999) 39.0 20271 2023-01 2023-03 2023-05 2023-01 2023-01 2024-01 2024-03 2024-01 Time

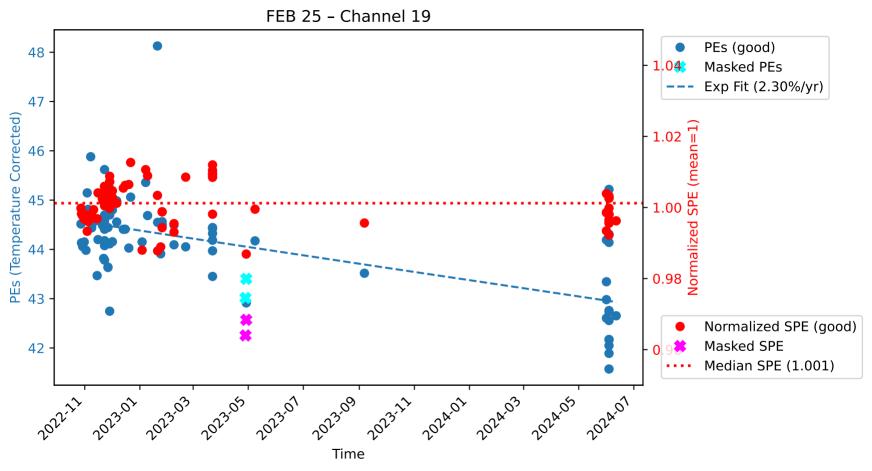


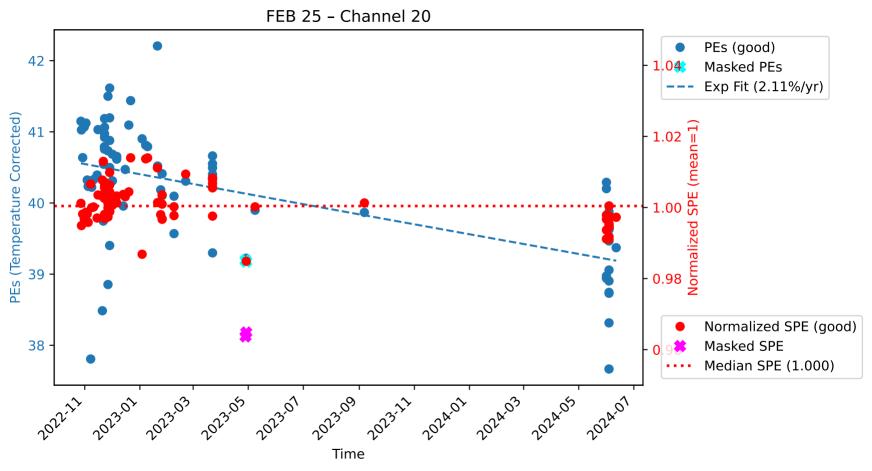


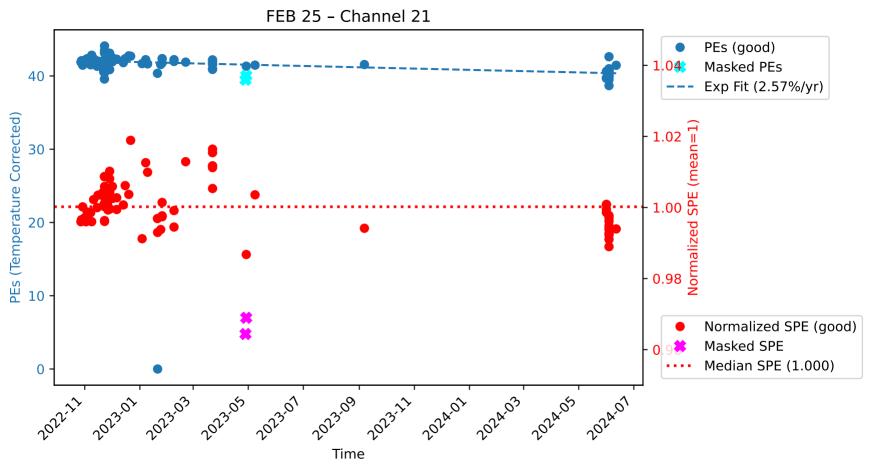


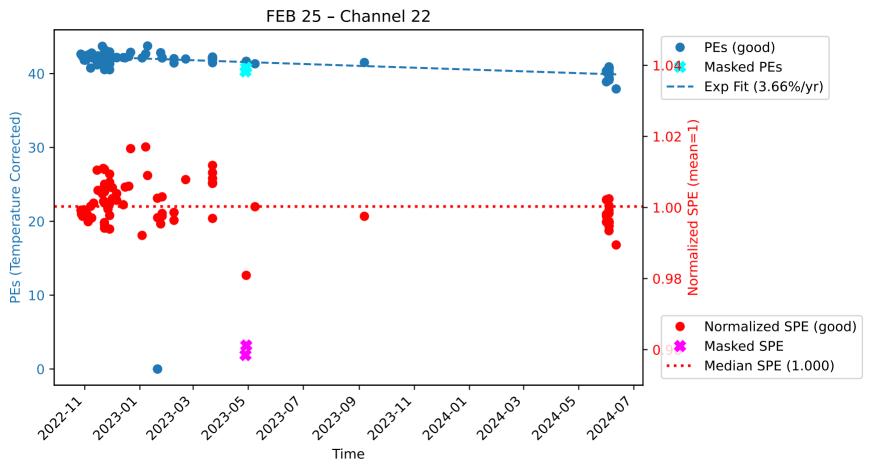












FEB 25 - Channel 23 PEs (good) **- 1.04** Masked PEs 40 Exp Fit (3.90%/yr) (Temperature Corrected) - 1.02 30 20 PES 10 Normalized SPE (good) Masked SPE Median SPE (1.000) 0

FEB 25 - Channel 24 PEs (good) **- 1.04** Masked PEs 40 Exp Fit (2.51%/yr) (Temperature Corrected) - 1.02 30 20 PES 10 Normalized SPE (good) Masked SPE Median SPE (1.001) 0

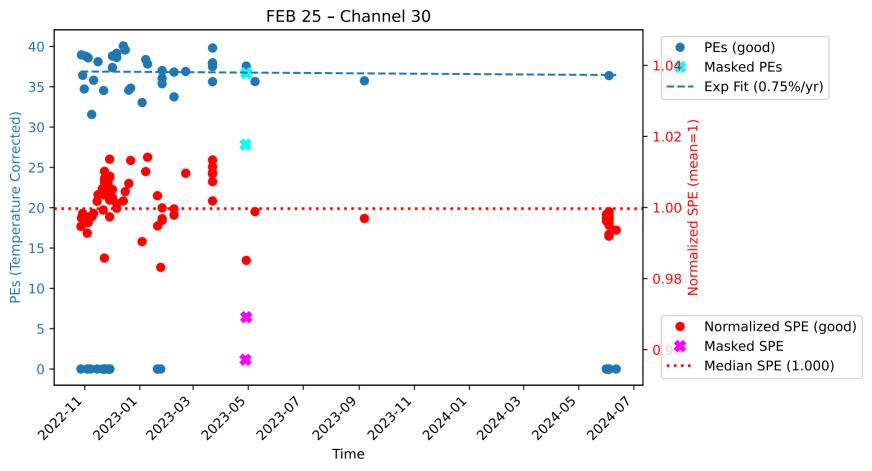
FEB 25 - Channel 25 PEs (good) 40 Masked PEs Exp Fit (2.09%/yr) (Temperature Corrected) - 1.02 30 20 H 10 Normalized SPE (good) Masked SPE Median SPE (1.001) 0

FEB 25 - Channel 26 PEs (good) **- 1.04** Masked PEs Exp Fit (3.82%/yr) (Temperature Corrected) 1.02 30 .0 86.0 Normalized 20 PEs 10 Normalized SPE (good) Masked SPE Median SPE (1.002) 0 2022-12 2023-02 2023-03 2023-03 2023-03 2023-12 2024-03 2024-03 2024-03

FEB 25 - Channel 27 PEs (good) - 1.04 Masked PEs 40 Exp Fit (3.72%/yr) (Temperature Corrected) 1.02 30 1.00 20 .0 86.0 Normalized F 10 Normalized SPE (good) Masked SPE Median SPE (1.002) 0

FEB 25 - Channel 28 PEs (good) 40 **- 1.04** Masked PEs Exp Fit (3.79%/yr) 35 (Temperature Corrected) 30 - 1.02 25 20 .0 86.0 Normalized 15 10 Normalized SPE (good) 5 Masked SPE Median SPE (1.001) 0

FEB 25 - Channel 29 PEs (good) 40 - 1.04 Masked PEs Exp Fit (4.34%/yr) 35 (Temperature Corrected) 30 1.02 25 20 .0 86.0 Normalized 15 10 Normalized SPE (good) 5 Masked SPE Median SPE (1.001) 0



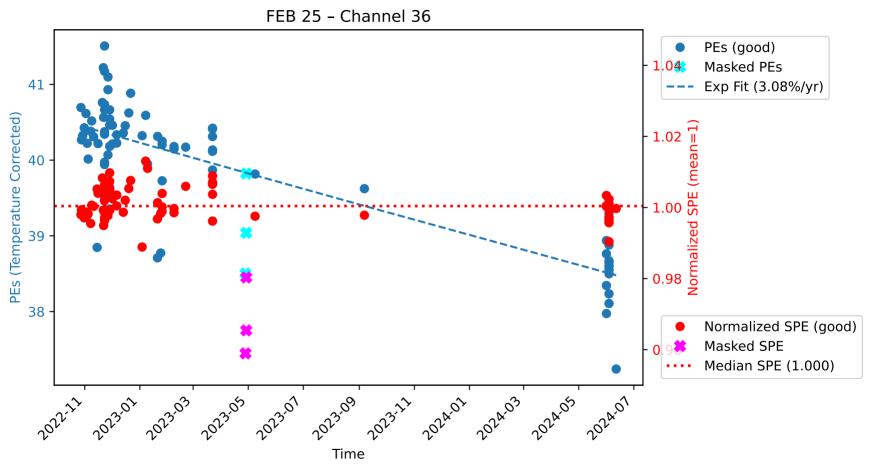
FEB 25 - Channel 31 PEs (good) 35 - 1.04° Masked PEs Exp Fit (-4.81%/yr) 30 (Temperature Corrected) - 1.02 25 20 .0 86.0 Normalized 15) 10 5 Normalized SPE (good) Masked SPE Median SPE (1.001) 0 2022-12 2023-02 2023-03 2023-03 2023-03 2023-12 2024-03 2024-03 2024-03

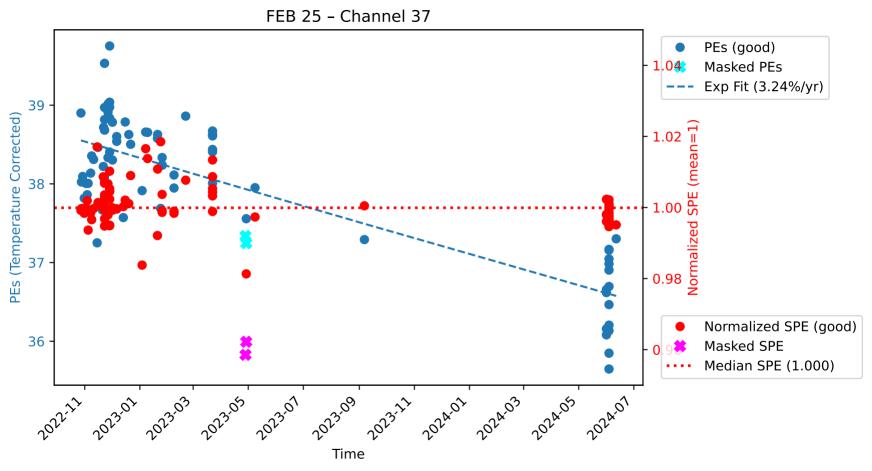
FEB 25 - Channel 32 PEs (good) 41 1.04 Masked PEs Exp Fit (3.49%/yr) 40 (Temperature Corrected) - 1.02 39 - 1.00 S -86.0 Normalized 38 37 Normalized SPE (good) Masked SPE Median SPE (1.001) 36 202.11 2023.01 2023.03 2023.05 2023.01 2023.03 2023.11 2024.03 2024.05 2024.01

FEB 25 - Channel 33 PEs (good) - 1.04 Masked PEs 39 Exp Fit (4.47%/yr) (Temperature Corrected) - 1.02 38 1.00 gS 37 -86.0 Normalized 36 Normalized SPE (good) 35 Masked SPE Median SPE (1.002) 2022-12 2023-02 2023-03 2023-03 2023-03 2023-12 2024-03 2024-03 2024-03

FEB 25 - Channel 34 PEs (good) 38.5 - 1.04 Masked PEs Exp Fit (3.77%/yr) 38.0 (Temperature Corrected) 37.5 37.0 36.5 0.0 - 1.02 1.00 g .0 86.0 Normalized PEs 35.5 Normalized SPE (good) Masked SPE 35.0 Median SPE (1.002) 20271 20230 20230 20230 20230 20230 20231 20240 20240 20240 Time

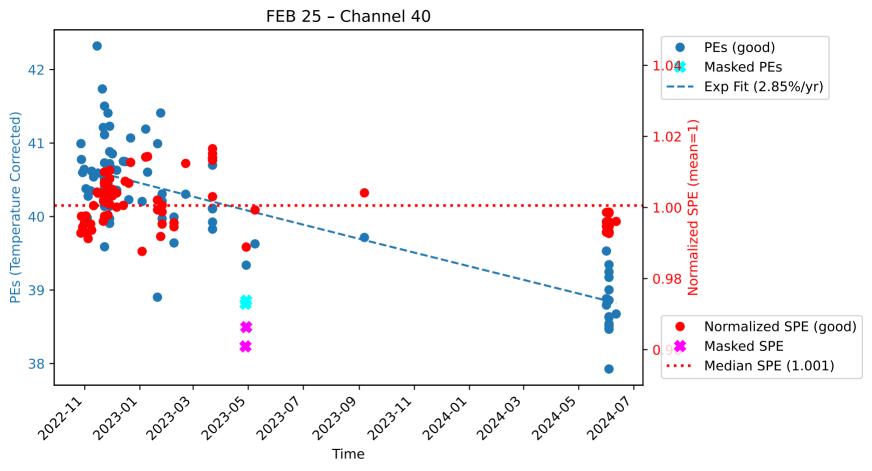
FEB 25 - Channel 35 PEs (good) 41.5 - 1.04 Masked PEs Exp Fit (3.62%/yr) 41.0 Temperature Corrected) 1.02 40.5 40.0 1.00 g .0 86 Normalized 39.5 39.0 PEs 38.5 Normalized SPE (good) Masked SPE 38.0 Median SPE (1.001) 202.12 2023.03 2023.03 2023.03 2023.03 2023.12 2024.03 2024.03 2024.03 Time





FEB 25 - Channel 38 PEs (good) 41.5 1.04 Masked PEs Exp Fit (2.78%/yr) 41.0 s (Temperature Corrected) 30.0 30.0 30.0 30.0 - 1.02 40.5 -.0 86 Normalized PEs 38.5 Normalized SPE (good) Masked SPE 38.0 Median SPE (1.000) 20271 2023-01 2023-03 2023-05 2023-01 2023-01 2024-01 2024-03 2024-01 Time

FEB 25 - Channel 39 PEs (good) - 1.04 Masked PEs Exp Fit (3.09%/yr) 40 (Temperature Corrected) - 1.02 39 1.00 g -86.0 Normalized 38 37 Normalized SPE (good) Masked SPE Median SPE (1.001) 2022-12 2023-02 2023-03 2023-03 2023-03 2023-12 2024-03 2024-03 2024-03



FEB 25 - Channel 41 PEs (good) 41.0 - 1.04 Masked PEs Exp Fit (2.21%/yr) 40.5 Corrected) - 1.02 40.0 (Temperature 39.5 .0 86 Normalized 39.0 38.5 38.0 Normalized SPE (good) Masked SPE Median SPE (1.000) 37.5 -202.12 202.03 202.03 202.05 202.01 202.03 202.03 202.03 202.03 202.05 202.01 Time

FEB 25 - Channel 42 PEs (good) 40 - 1.04 Masked PEs Exp Fit (2.75%/yr) (Temperature Corrected) - 1.02 39 - 1.00 S 38 -86.0 Normalized H 37 Normalized SPE (good) Masked SPE Median SPE (1.001) 36 202.11 2023.01 2023.03 2023.05 2023.01 2023.03 2023.11 2024.03 2024.03 2024.03

FEB 25 - Channel 43 PEs (good) 42.0 - 1.04 Masked PEs Exp Fit (2.37%/yr) 41.5 (Temperature Corrected) - 1.02 41.0 1.00 40.5 .0 86 Normalized 40.0 39.5 Normalized SPE (good) Masked SPE Median SPE (1.000) 39.0 202.12 2023.03 2023.03 2023.03 2023.03 2023.12 2024.03 2024.03 2024.03 Time

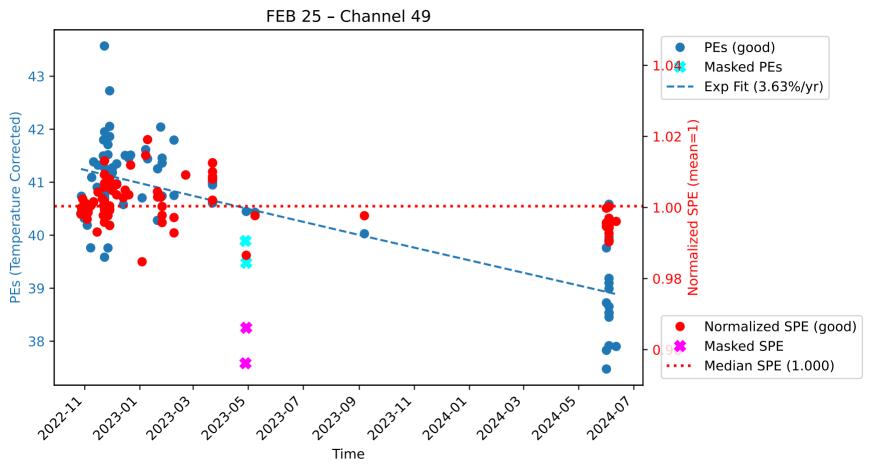
FEB 25 - Channel 44 PEs (good) - 1.04 Masked PEs 42 Exp Fit (1.88%/yr) (Temperature Corrected) 1.02 41 - 1.00 g -86 Normalized 40 39 Normalized SPE (good) Masked SPE Median SPE (1.000) 2022-12 2023-02 2023-03 2023-03 2023-03 2023-12 2024-03 2024-03 2024-03

FEB 25 - Channel 45 PEs (good) - 1.04 Masked PEs 41 Exp Fit (2.74%/yr) (Temperature Corrected) - 1.02 40 39 -86 Normalized 38 Normalized SPE (good) 37 Masked SPE Median SPE (1.000) 2022-12 2023-02 2023-03 2023-03 2023-03 2023-12 2024-03 2024-03 2024-03

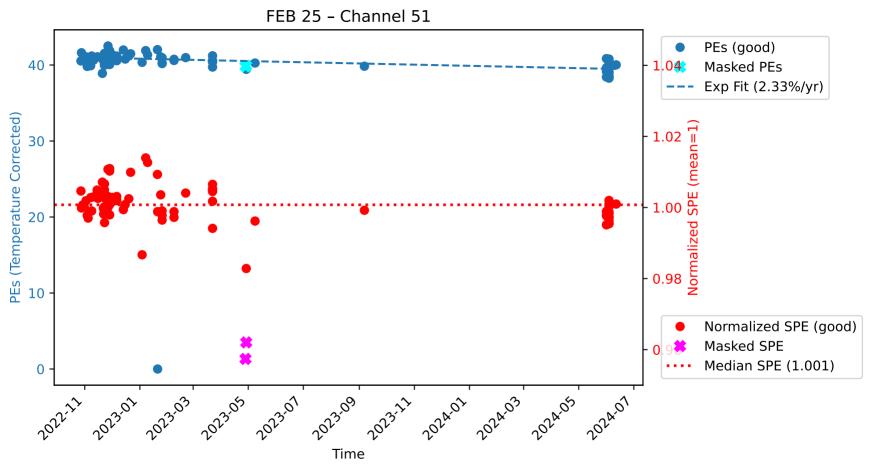
FEB 25 - Channel 46 PEs (good) - 1.04 Masked PEs 44 Exp Fit (2.05%/yr) (Temperature Corrected) 43 - 1.02 - 1.00 S 42 -86 Normalized 41 PEs (40 Normalized SPE (good) Masked SPE Median SPE (1.000) 39 202.12 2023.02 2023.03 2023.03 2023.03 2023.03 2024.03 2024.03 2024.03

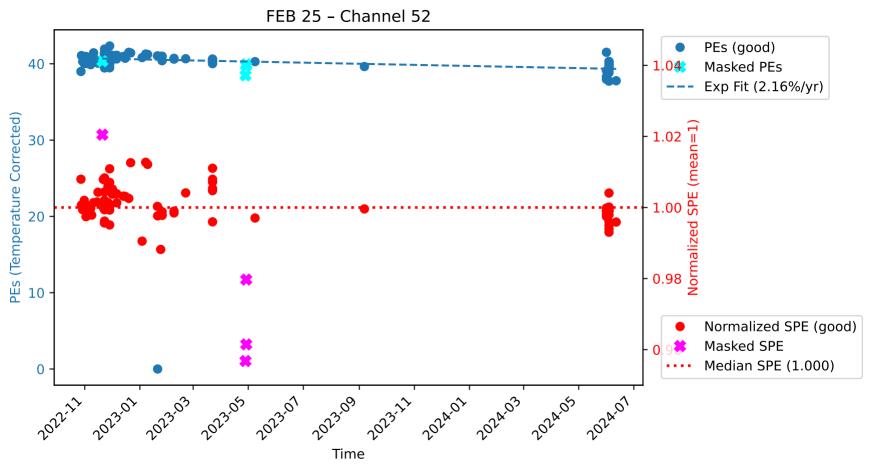
FEB 25 - Channel 47 42.0 PEs (good) - 1.04 Masked PEs 41.5 Exp Fit (2.25%/yr) Corrected) 41.0 1.02 40.5 (Temperature 40.0 1.00 .0 86 Normalized 39.5 B 39.0 38.5 Normalized SPE (good) Masked SPE 38.0 Median SPE (1.000) 20271 2023-01 2023-03 2023-05 2023-01 2023-01 2024-01 2024-03 2024-01 Time

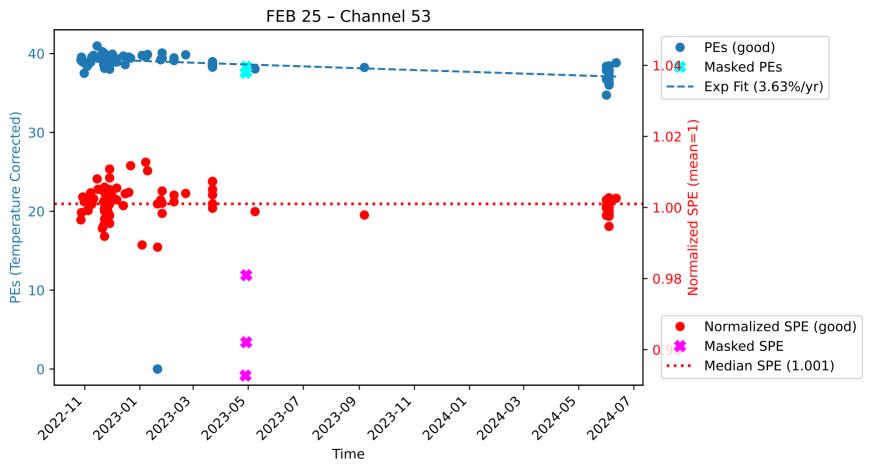
FEB 25 - Channel 48 PEs (good) - 1.04 Masked PEs 44 Exp Fit (2.51%/yr) (Temperature Corrected) - 1.02 43 42 -86 Normalized SH 41 Normalized SPE (good) Masked SPE 40 Median SPE (1.000) 2022-12 2023-02 2023-03 2023-03 2023-03 2023-12 2024-03 2024-03 2024-03



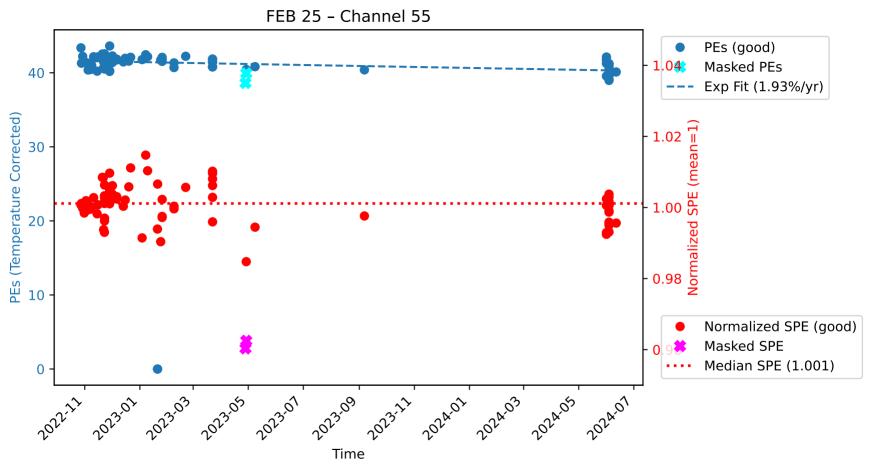
FEB 25 - Channel 50 PEs (good) **- 1.04** Masked PEs 43 Exp Fit (1.62%/yr) (Temperature Corrected) 1.02 42 1.00 g 41 -86.0 Normalized 40 Normalized SPE (good) 39 Masked SPE Median SPE (1.002) 2022-12 2023-02 2023-03 2023-03 2023-03 2023-12 2024-03 2024-03 2024-03

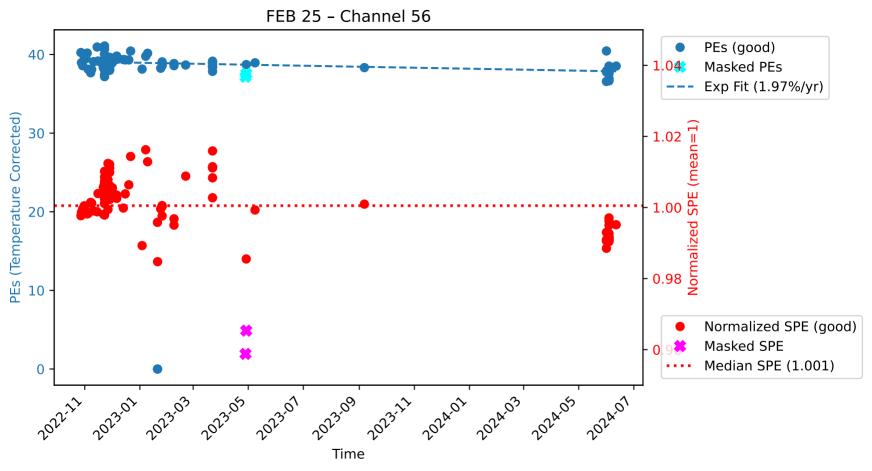






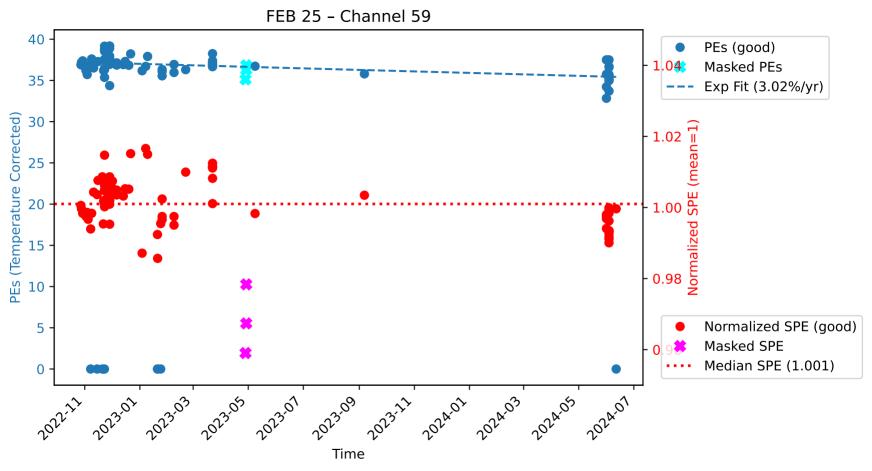
FEB 25 - Channel 54 PEs (good) 40 - 1.04 Masked PEs Exp Fit (1.87%/yr) (Temperature Corrected) - 1.02 30 - 1.00 20 .0 86.0 Normalized H 10 Normalized SPE (good) Masked SPE Median SPE (1.000) 0

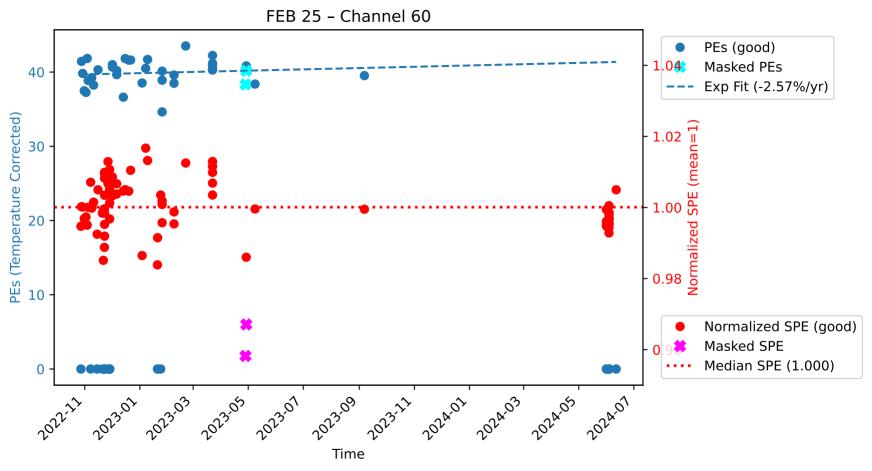




FEB 25 - Channel 57 PEs (good) 40 1.04 Masked PEs Exp Fit (3.54%/yr) 35 (Temperature Corrected) 30 - 1.02 25 1.00 20 .0 86.0 Normalized 15 10 Normalized SPE (good) 5 Masked SPE Median SPE (1.001) 0

FEB 25 - Channel 58 PEs (good) 40 **- 1.04** Masked PEs Exp Fit (4.39%/yr) 35 (Temperature Corrected) 30 1.02 25 1.00 20 -86°0 Normalized 15 10 Normalized SPE (good) 5 Masked SPE Median SPE (1.000) 0

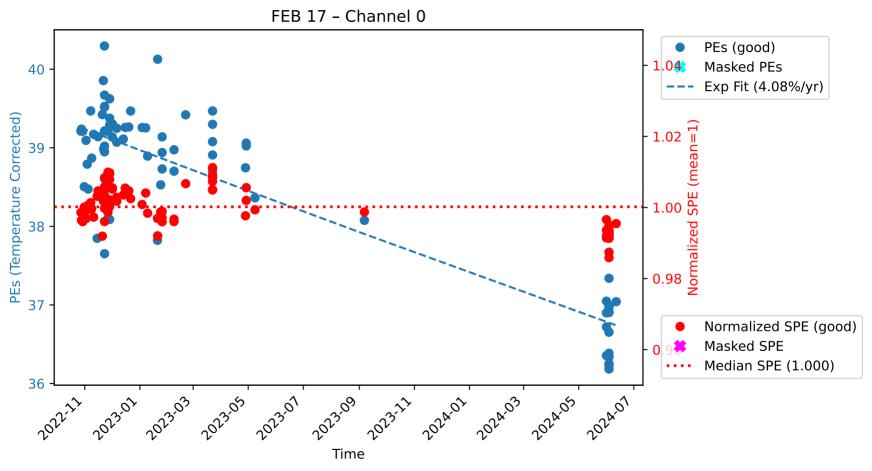


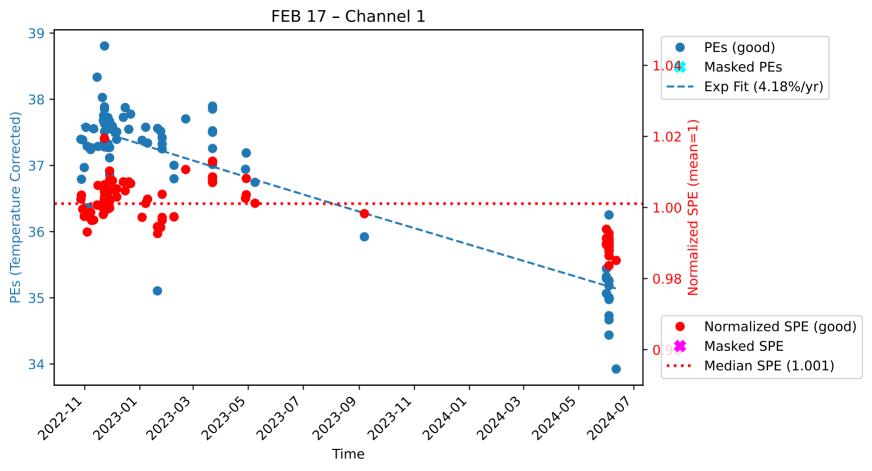


FEB 25 - Channel 61 PEs (good) Masked PEs 1.04 35 Exp Fit (8.01%/yr) 30 (Temperature Corrected) - 1.02 25 20 1.00 .0 86.0 Normalized 15 PEs 10 5 Normalized SPE (good) Masked SPE Median SPE (1.000) 0 2022-12 2023-02 2023-03 2023-03 2023-03 2023-12 2024-03 2024-03 2024-03

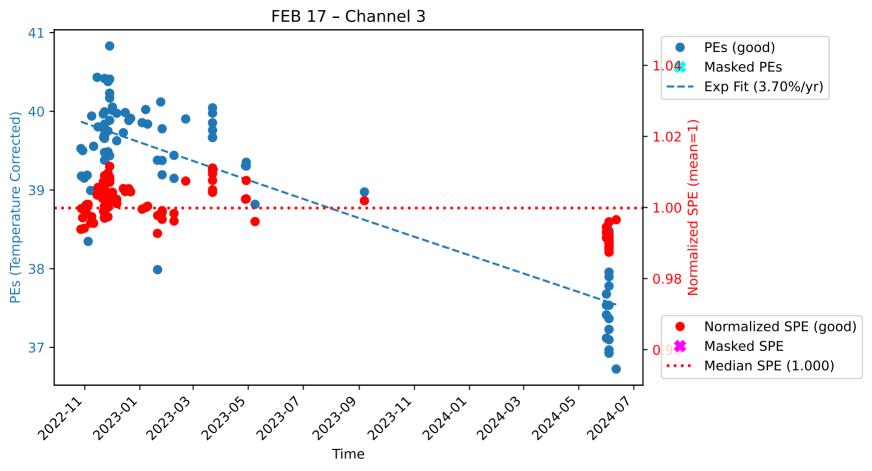
FEB 25 - Channel 62 PEs (good) 40 - 1.04 Masked PEs Exp Fit (-10.07%/yr) 35 (Temperature Corrected) 30 - 1.02 25 - 1.00 20 .0 86.0 Normalized 15 10 Normalized SPE (good) 5 Masked SPE Median SPE (1.000) 0 2022-12 2023-03 2023-03 2023-03 2023-03 2023-12 2024-03 2024-03 2024-03

FEB 25 - Channel 63 PEs (good) - 1.04 Masked PEs 40 Exp Fit (9.01%/yr) (Temperature Corrected) - 1.02 30 1.00 .0 86.0 Normalized 20 PEs 10 Normalized SPE (good) Masked SPE Median SPE (1.001) 0 2022-12 2023-02 2023-03 2023-03 2023-03 2023-12 2024-03 2024-03 2024-03





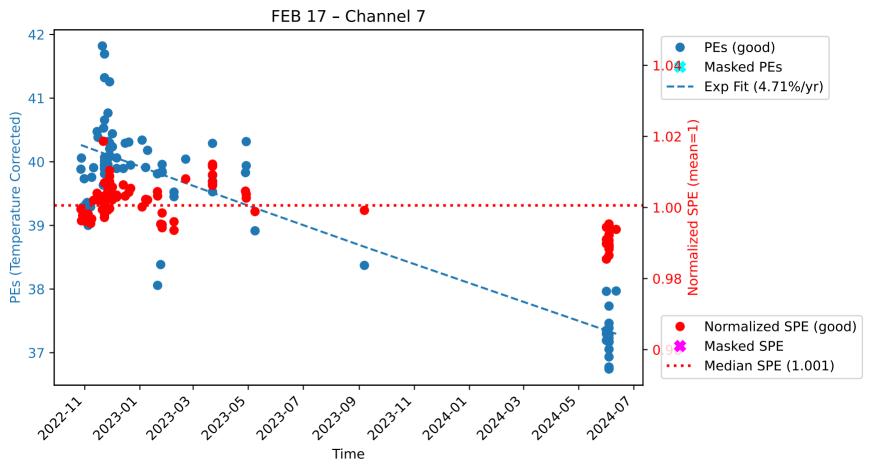
FEB 17 - Channel 2 PEs (good) 39.0 - 1.04 Masked PEs Exp Fit (4.48%/yr) 38.5 (Temperature Corrected) 1.02 38.0 37.5 - 1.00 37.0 .0 86.0 Normalized 36.5 36.0 Normalized SPE (good) 35.5 Masked SPE Median SPE (1.000) 35.0 202.12 2023.03 2023.03 2023.03 2023.03 2023.12 2024.03 2024.03 2024.03 Time

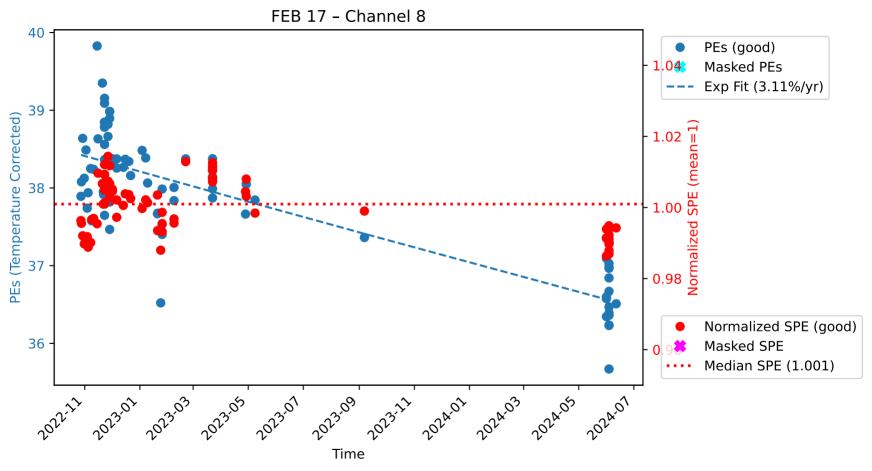


FEB 17 - Channel 4 PEs (good) - 1.04 Masked PEs 39 Exp Fit (3.39%/yr) PEs (Temperature Corrected) - 1.02 38 - 1.00 S -86 8 Normalized 37 36 Normalized SPE (good) Masked SPE Median SPE (1.001) 2022-12 2023-02 2023-03 2023-03 2023-03 2023-03 2024-03 2024-03 2024-03

FEB 17 - Channel 5 PEs (good) 1.04 Masked PEs 41 Exp Fit (3.64%/yr) (Temperature Corrected) - 1.02 40 - 1.00 S 39 -86.0 Normalized 38 37 Normalized SPE (good) Masked SPE Median SPE (1.002) 36 -202.12 202.02 202.03 202.03 202.01 202.03 202.01 202.03 202.03 202.01

FEB 17 - Channel 6 42 PEs (good) 1.04 Masked PEs Exp Fit (3.49%/yr) 41 (Temperature Corrected) - 1.02 40 - 1.00 S -86.0 Normalized 39 PEs 38 Normalized SPE (good) Masked SPE 37 Median SPE (1.001) 202212 202302 202303 202302 202302 202302 202402 202402 202402





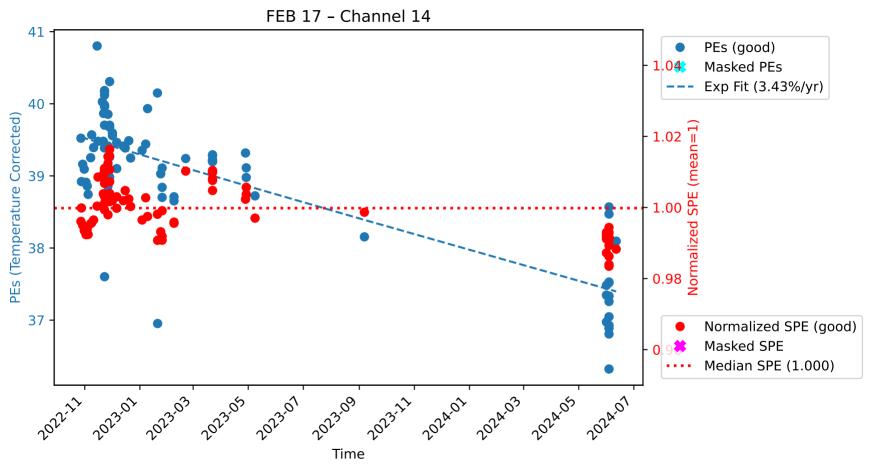
FEB 17 - Channel 9 PEs (good) 39 - 1.04 Masked PEs Exp Fit (3.67%/yr) i (Temperature Corrected) - 1.02 - 1.00 g o.0 86 Normalized Normalized SPE (good) Masked SPE 35 Median SPE (1.000) 2022-12 2023-03 2023-05 2023-01 2023-03 2023-12 2024-03 2024-03 2024-03

FEB 17 - Channel 10 38.5 PEs (good) - 1.04 Masked PEs Exp Fit (3.54%/yr) 38.0 (Temperature Corrected) 37.5 1.02 37.0 - 1.00 S 36.5 -86.0 Normalized 36.0 35.5 Normalized SPE (good) Masked SPE 35.0 Median SPE (1.000) 20271 2023-01 2023-03 2023-05 2023-01 2023-01 2024-01 2024-03 2024-01 Time

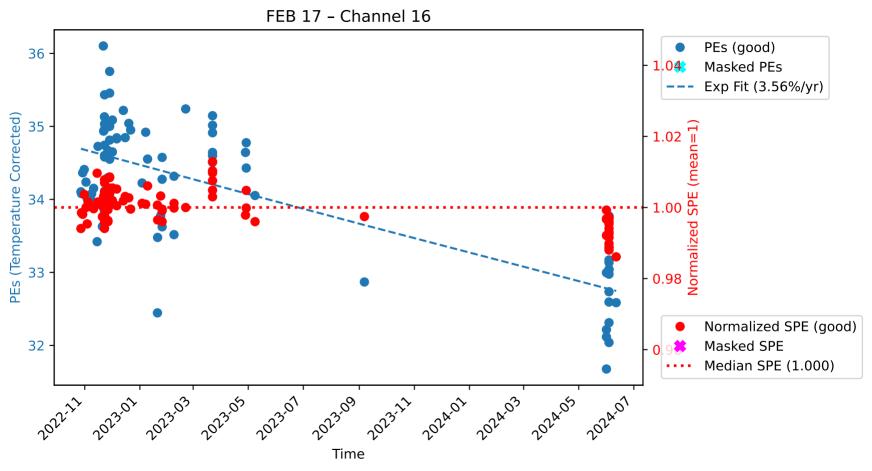
FEB 17 - Channel 11 40.0 PEs (good) - 1.04 Masked PEs 39.5 Exp Fit (3.26%/yr) (Temperature Corrected) 39.0 1.02 38.5 - 1.00 38.0 -86.0 Normalized SH 37.0 Normalized SPE (good) 36.5 Masked SPE Median SPE (1.000) 20271 2023-01 2023-03 2023-05 2023-01 2023-01 2024-01 2024-03 2024-01 Time

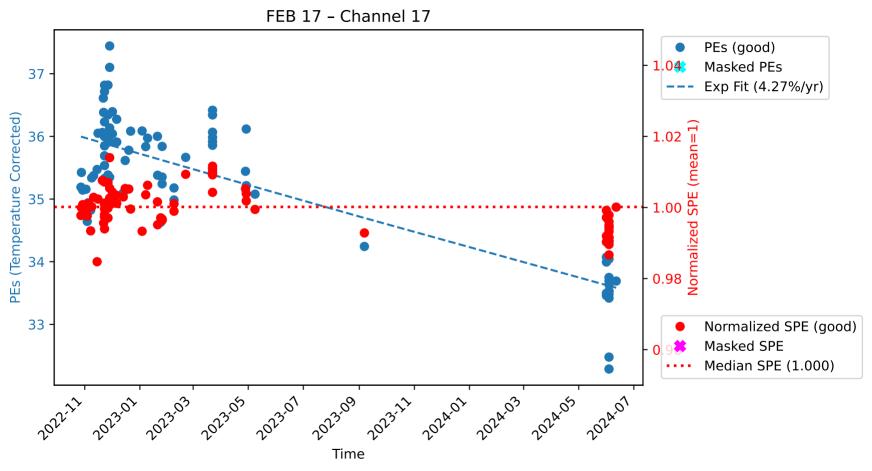
FEB 17 - Channel 12 PEs (good) 41.0 - 1.04 Masked PEs Exp Fit (2.99%/yr) 40.5 (Temperature Corrected) 40.0 1.02 39.5 - 1.00 S 39.0 .0 86.0 Normalized 38.5 PEs 38.0 Normalized SPE (good) Masked SPE 37.5 Median SPE (0.999) 202.12 2023.03 2023.03 2023.03 2023.03 2023.12 2024.03 2024.03 2024.03 Time

FEB 17 - Channel 13 PEs (good) - 1.04 Masked PEs Exp Fit (3.69%/yr) 39 PEs (Temperature Corrected) - 1.02 38 - 1.00 S -86.0 Normalized 37 Normalized SPE (good) 36 Masked SPE Median SPE (0.999) 2022-12 2023-03 2023-03 2023-03 2023-03 2023-12 2024-03 2024-03 2024-03



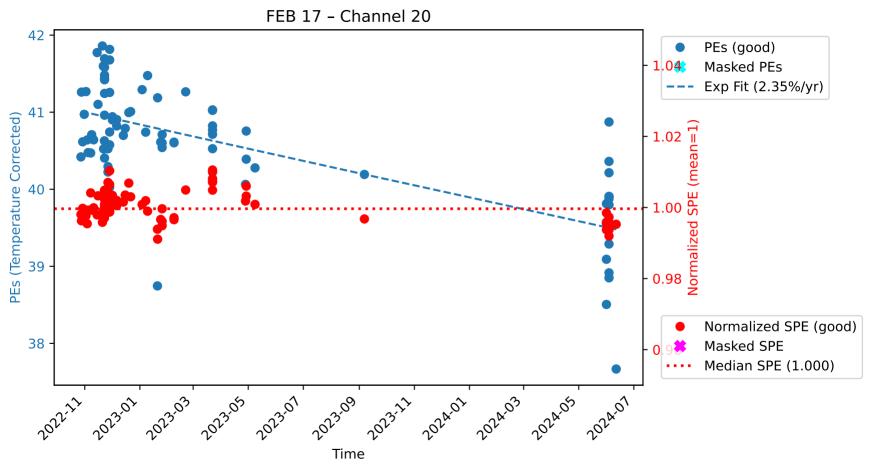
FEB 17 - Channel 15 PEs (good) 1.04 Masked PEs 41 Exp Fit (-0.27%/yr) (Temperature Corrected) 40 1.02 39 - 1.00 .0 86.0 Normalized 38 PEs (37 Normalized SPE (good) Masked SPE Median SPE (1.000) 36 -20222 20230 20230 20230 20230 20230 20232 20240 20240 20240 20240

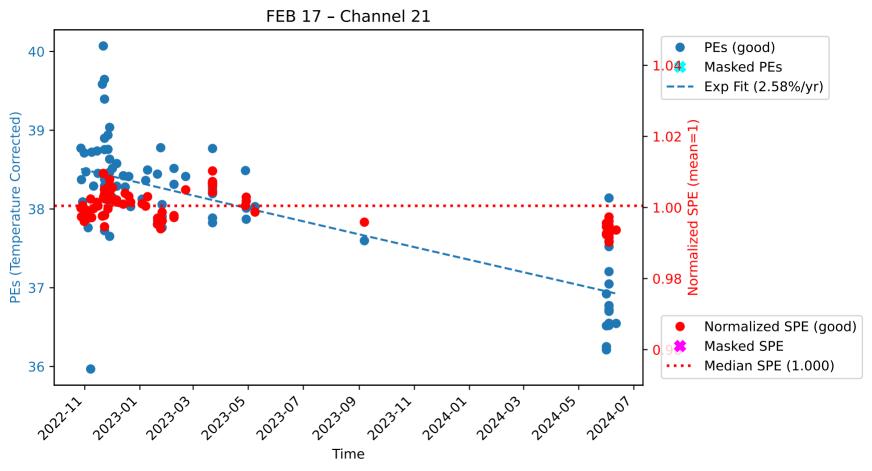


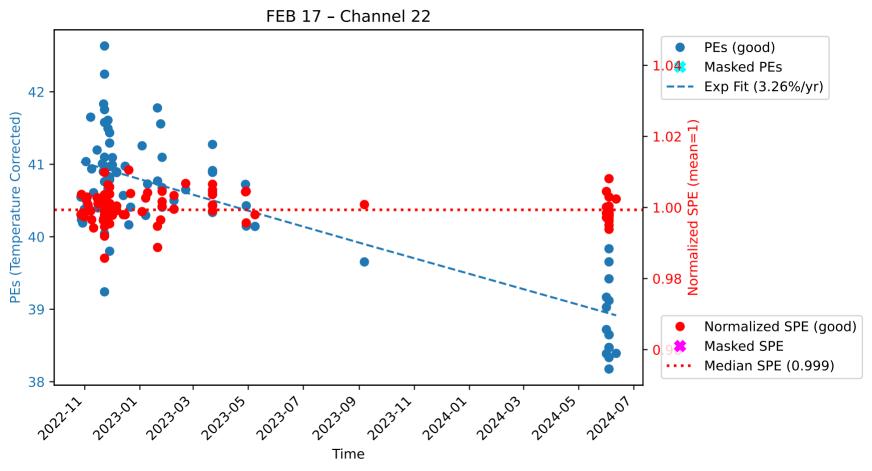


FEB 17 - Channel 18 38 PEs (good) - 1.04 Masked PEs Exp Fit (3.49%/yr) 37 (Temperature Corrected) - 1.02 36 - 1.00 .0 86.0 Normalized 35 SH 34 Normalized SPE (good) Masked SPE 33 Median SPE (1.000) 2022-12 2023-03 2023-03 2023-03 2023-03 2023-12 2024-03 2024-03 2024-03

FEB 17 - Channel 19 PEs (good) - 1.04 Masked PEs 35.5 Exp Fit (3.72%/yr) (Temperature Corrected) 34.5 34.0 33.5 - 1.02 .0 86.0 Normalized 33.0 32.5 Normalized SPE (good) Masked SPE 32.0 Median SPE (0.999) 202.12 2023.03 2023.03 2023.03 2023.03 2023.12 2024.03 2024.03 2024.03 Time





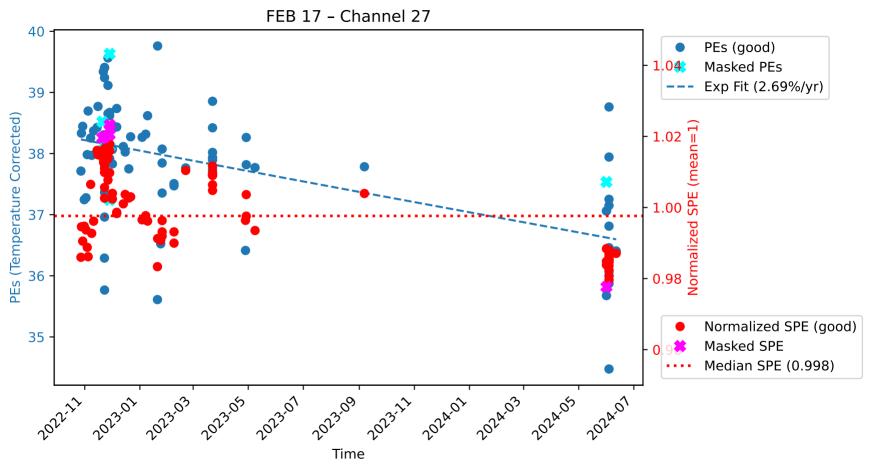


FEB 17 - Channel 23 PEs (good) - 1.04 Masked PEs Exp Fit (2.44%/yr) 41 PEs (Temperature Corrected) - 1.02 · - 1.00 -86 8 Normalized 39 -Normalized SPE (good) Masked SPE Median SPE (1.000) 37 202.12 2023.02 2023.03 2023.03 2023.03 2023.03 2024.03 2024.03 2024.03

FEB 17 - Channel 24 PEs (good) 1.04 Masked PEs 40 Exp Fit (0.72%/yr) (Temperature Corrected) - 1.02 30 1.00 g 20 -86.0 Normalized PES 10 Normalized SPE (good) Masked SPE Median SPE (0.998) 0

FEB 17 - Channel 25 PEs (good) 40 1.04 Masked PEs Exp Fit (3.42%/yr) 35 (Temperature Corrected) 30 1.02 25 20 .0 86 Normalized 15 10 Normalized SPE (good) 5 Masked SPE Median SPE (1.000) 0

FEB 17 - Channel 26 PEs (good) 40 **- 1.04** Masked PEs Exp Fit (3.37%/yr) 35 (Temperature Corrected) 30 1.02 25 - 1.00 S 20 -0.0 86 Normalized 15 10 Normalized SPE (good) 5 Masked SPE Median SPE (0.996) 0

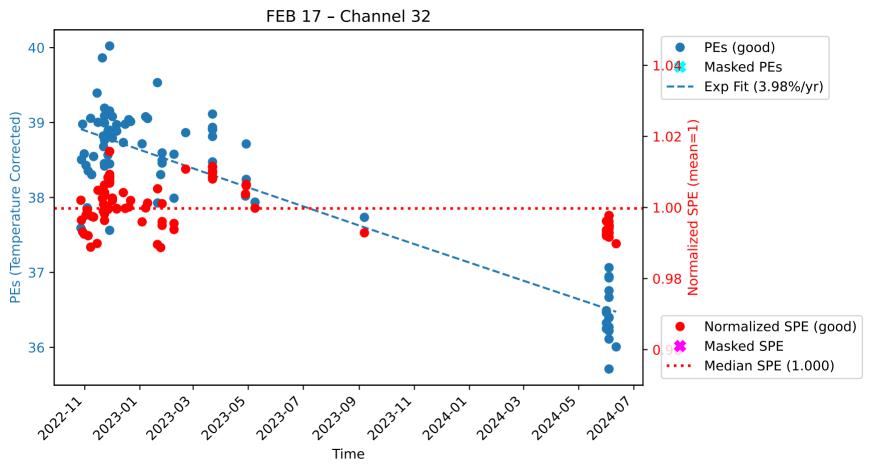


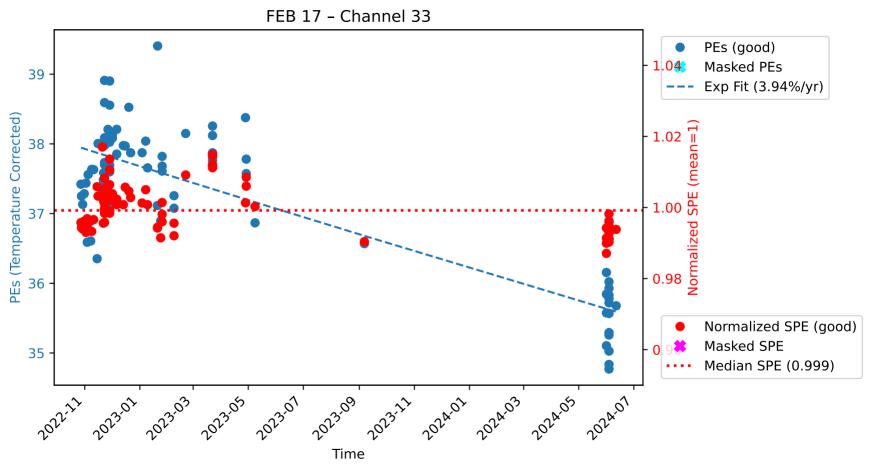
FEB 17 - Channel 28 PEs (good) 40 - 1.04 Masked PEs Exp Fit (3.75%/yr) (Temperature Corrected) 1.02 30 1.00 S 20 -86.0 Normalized 10 Normalized SPE (good) Masked SPE Median SPE (0.999) 0 2022-12 2023-02 2023-03 2023-03 2023-03 2023-12 2024-03 2024-03 2024-03

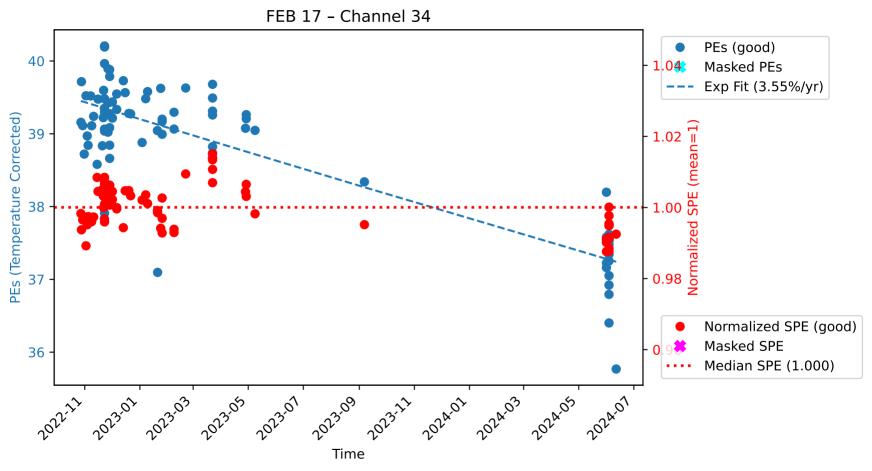
FEB 17 - Channel 29 PEs (good) 40 **- 1.04** Masked PEs Exp Fit (2.63%/yr) (Temperature Corrected) 30 1.02 - 1.00 S 20 .0 86.0 Normalized 10 Normalized SPE (good) Masked SPE Median SPE (1.004) 0 2022-12 2023-02 2023-03 2023-03 2023-03 2023-12 2024-03 2024-03 2024-03

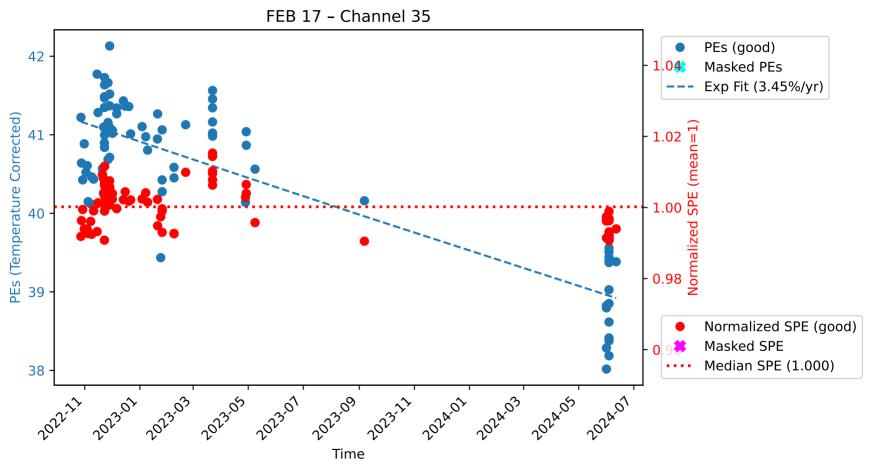
FEB 17 - Channel 30 40 PEs (good) **- 1.04** Masked PEs 35 Exp Fit (4.36%/yr) (Temperature Corrected) 30 1.02 25 1.00 S 20 .0 86 Normalized 15 10 Normalized SPE (good) 5 Masked SPE Median SPE (0.998) 0 2022-12 2023-02 2023-03 2023-03 2023-03 2023-12 2024-03 2024-03 2024-03

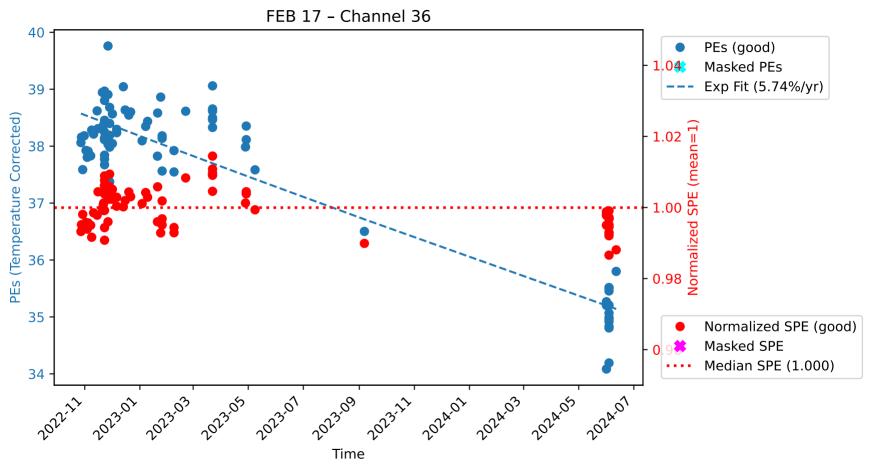
FEB 17 - Channel 31 PEs (good) 40 **- 1.04** Masked PEs 35 Exp Fit (4.75%/yr) (Temperature Corrected) 30 1.02 25 1.00 g 20 .0 86.0 Normalized 15 10 Normalized SPE (good) 5 Masked SPE Median SPE (0.998) 0

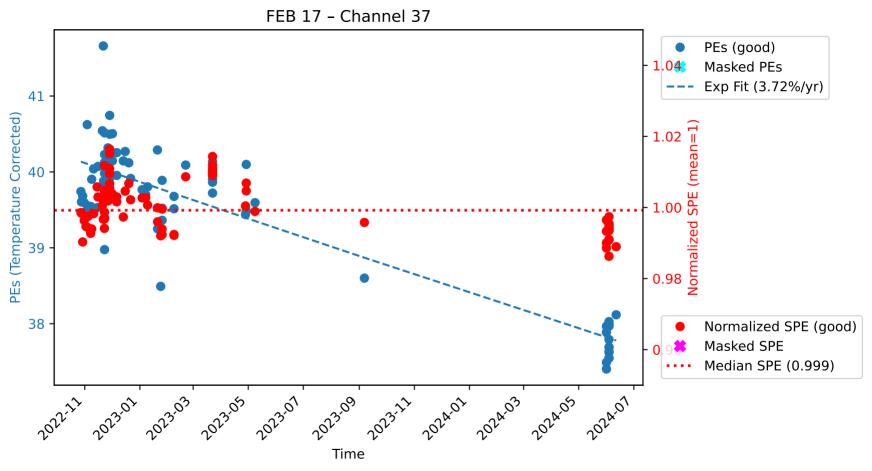


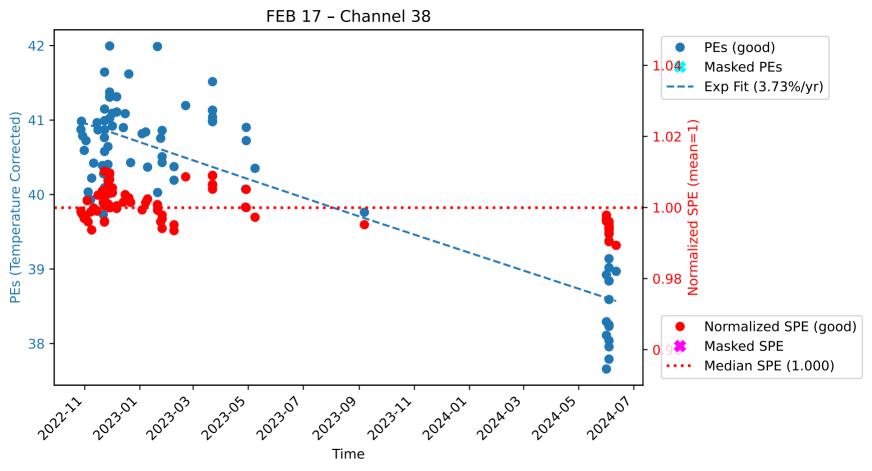


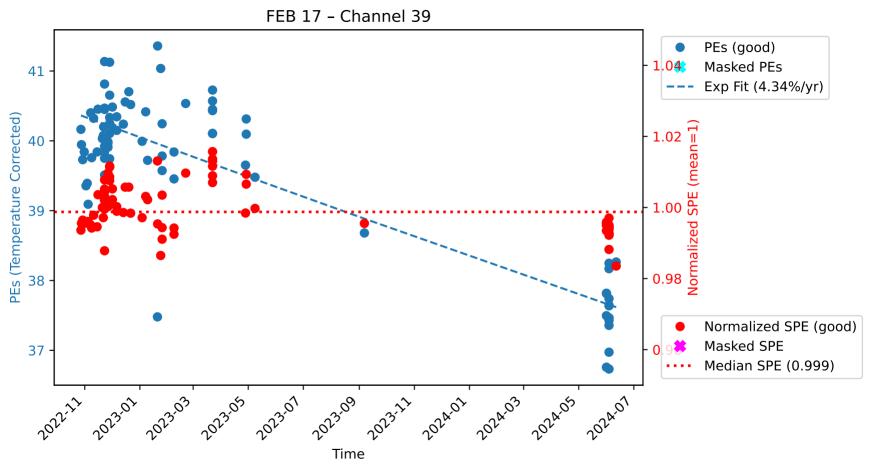






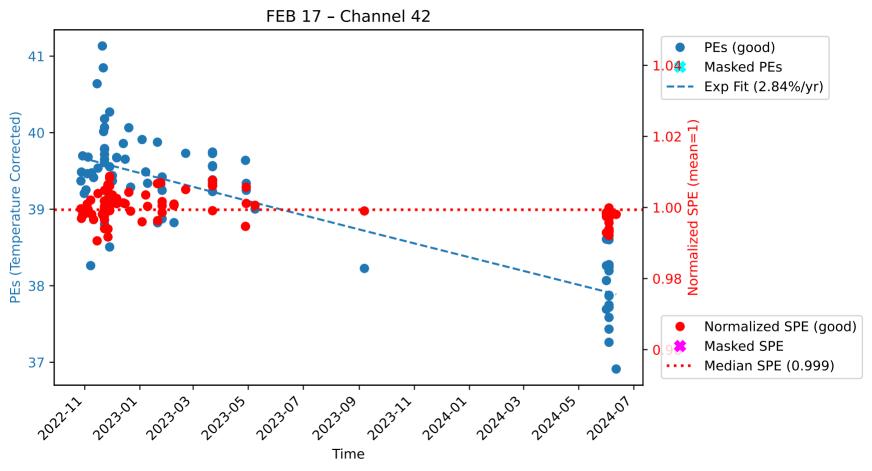




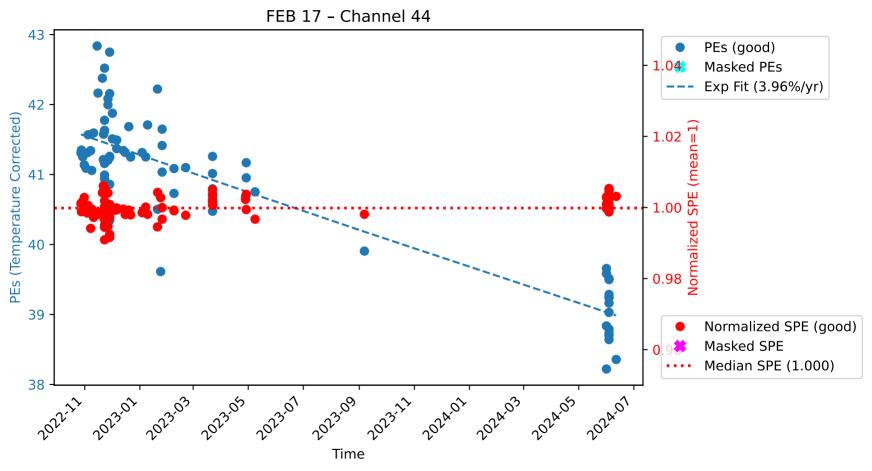


FEB 17 - Channel 40 PEs (good) 39.5 1.04 Masked PEs Exp Fit (3.12%/yr) 39.0 (Temperature Corrected) 38.5 1.02 38.0 37.5 .0 86.0 Normalized 37.0 36.5 Normalized SPE (good) Masked SPE 36.0 Median SPE (1.000) 2022-12 2023-02 2023-05 2023-05 2023-05 2023-12 2024-03 2024-05 2024-05 Time

FEB 17 - Channel 41 40.5 PEs (good) 1.04 Masked PEs 40.0 Exp Fit (3.50%/yr) Corrected) 39.5 - 1.02 39.0 (Temperature 38.5 .0 86 Normalized 38.0 **S** 37.5 Normalized SPE (good) 37.0 Masked SPE Median SPE (1.000) 36.5 202.12 2023.02 2023.03 2023.03 2023.03 2023.03 2023.03 2024.03 2024.03 2024.03 Time



FEB 17 - Channel 43 42 PEs (good) - 1.04 Masked PEs Exp Fit (3.13%/yr) 41 (Temperature Corrected) - 1.02 40 - 1.00 -86 Normalized 39 Normalized SPE (good) 38 Masked SPE Median SPE (1.000) 2022-12 2023-03 2023-03 2023-03 2023-03 2023-12 2024-03 2024-03 2024-03

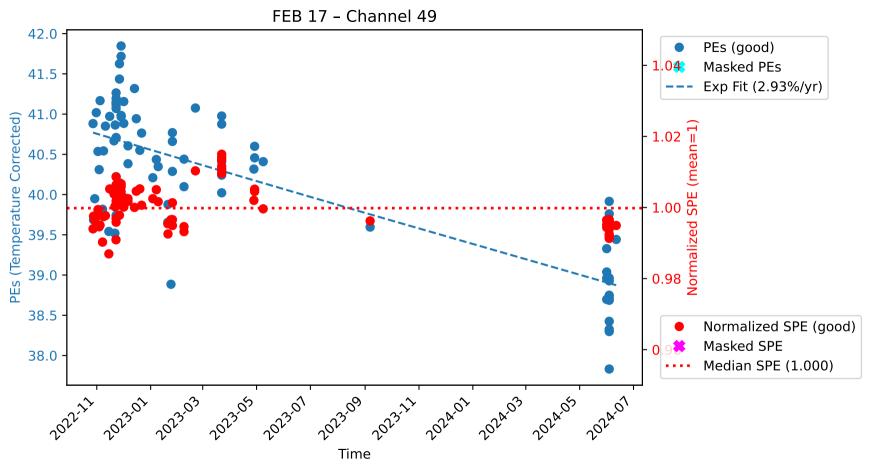


FEB 17 - Channel 45 PEs (good) 44 1.04 Masked PEs Exp Fit (3.72%/yr) 43 PEs (Temperature Corrected) - 1.02 42 41 -0.0 86 Normalized 40 Normalized SPE (good) 39 Masked SPE Median SPE (1.000) 2022-12 2023-03 2023-03 2023-03 2023-03 2023-12 2024-03 2024-03 2024-03

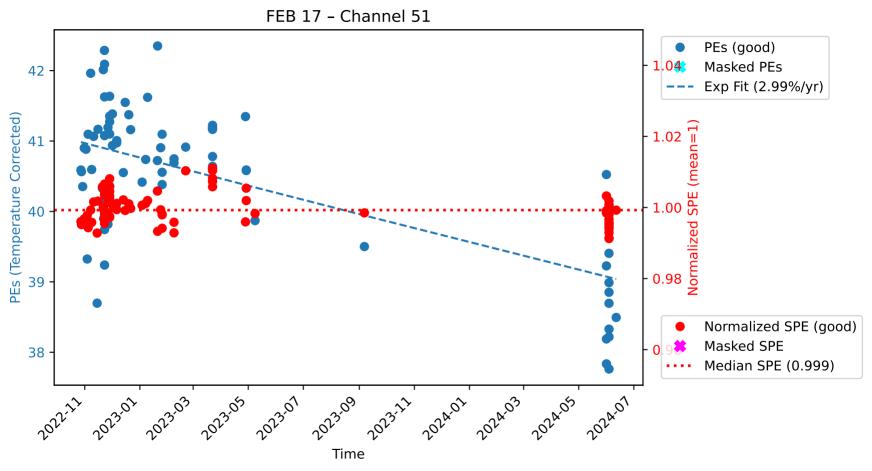
FEB 17 - Channel 46 PEs (good) 41 - 1.04 Masked PEs Exp Fit (2.65%/yr) (Temperature Corrected) 40 - 1.02 39 - 1.00 -86.0 Normalized 38 Normalized SPE (good) 37 Masked SPE Median SPE (1.000) 2022-12 2023-03 2023-05 2023-01 2023-03 2023-12 2024-03 2024-03 2024-03

FEB 17 - Channel 47 PEs (good) 43.0 1.04 Masked PEs Exp Fit (2.79%/yr) 42.5 (Temperature Corrected) - 1.02 42.0 41.5 -0.0 86.0 Normalized 41.0 40.5 Normalized SPE (good) 40.0 Masked SPE Median SPE (1.000) 39.5 202.12 2023.02 2023.03 2023.03 2023.03 2023.03 2023.03 2024.03 2024.03 2024.03 Time

FEB 17 - Channel 48 43.0 PEs (good) 1.04 Masked PEs 42.5 Exp Fit (2.69%/yr) 42.0 (Temperature Corrected) - 1.02 41.5 41.0 .0 86 Normalized 40.5 SH 40.0 39.5 Normalized SPE (good) Masked SPE 39.0 Median SPE (1.000) 20271 2023-01 2023-03 2023-05 2023-01 2023-01 2024-01 2024-03 2024-01 Time



FEB 17 - Channel 50 PEs (good) 41.5 - 1.04 Masked PEs Exp Fit (2.13%/yr) 41.0 (Temperature Corrected) - 1.02 40.5 40.0 1.00 39.5 .0 86.0 Normalized 39.0 38.5 · Normalized SPE (good) 38.0 Masked SPE Median SPE (1.000) 202.12 2023.03 2023.03 2023.03 2023.03 2023.12 2024.03 2024.03 2024.03 Time



FEB 17 - Channel 52 PEs (good) **- 1.04** Masked PEs Exp Fit (2.39%/yr) 40 PEs (Temperature Corrected) 1.02 Normalized SPE (good) Masked SPE Median SPE (1.000) 0

FEB 17 - Channel 53 PEs (good) 45 1.04 Masked PEs Exp Fit (3.03%/yr) 44 (Temperature Corrected) - 1.02 43 42 - 1.00 -86 8 Normalized 41 40 Normalized SPE (good) 39 Masked SPE Median SPE (1.000) 38 202.12 2023.02 2023.03 2023.03 2023.03 2023.03 2024.03 2024.03 2024.03

FEB 17 - Channel 54 PEs (good) - 1.04 Masked PEs 40 Exp Fit (2.45%/yr) PEs (Temperature Corrected) - 1.02 1.00 Normalized SPE (good) Masked SPE Median SPE (1.000) 0

FEB 17 - Channel 55 PEs (good) 1.04 Masked PEs 40 Exp Fit (2.52%/yr) PEs (Temperature Corrected)
0 1.02 30 1.00 .0 86.0 Normalized Normalized SPE (good) Masked SPE Median SPE (1.000) 0

FEB 17 - Channel 56 PEs (good) 1.04 Masked PEs 40 Exp Fit (2.94%/yr) PEs (Temperature Corrected)
0 0 0 - 1.02 .0 86.0 Normalized Normalized SPE (good) Masked SPE Median SPE (0.999) 0

FEB 17 - Channel 57 PEs (good) - 1.04 Masked PEs 40 Exp Fit (3.65%/yr) PEs (Temperature Corrected) - 1.02 Normalized SPE (good) Masked SPE Median SPE (0.999) 0

FEB 17 - Channel 58 PEs (good) **- 1.04** Masked PEs 40 Exp Fit (2.45%/yr) PEs (Temperature Corrected) 1.02 Normalized SPE (good) Masked SPE Median SPE (1.000) 0

FEB 17 - Channel 59 PEs (good) Masked PEs 40 Exp Fit (1.66%/yr) PEs (Temperature Corrected)
0 - 1.02 Normalized SPE (good) Masked SPE Median SPE (1.000) 0

FEB 17 - Channel 60 PEs (good) - 1.04 Masked PEs Exp Fit (2.97%/yr) 40 PEs (Temperature Corrected)

D

O - 1.02 20 Normalized SPE (good) Masked SPE Median SPE (1.000) 0

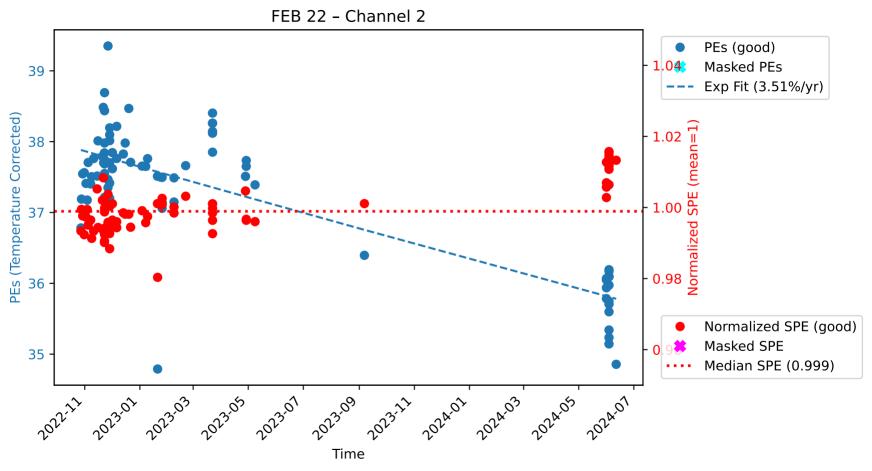
FEB 17 - Channel 61 PEs (good) 1.04 Masked PEs 40 Exp Fit (2.08%/yr) (Temperature Corrected) 1.02 30 20 PES 10 Normalized SPE (good) Masked SPE Median SPE (0.999) 0

FEB 17 - Channel 62 PEs (good) **- 1.04** Masked PEs 40 Exp Fit (4.42%/yr) PEs (Temperature Corrected) 1.02 30 Normalized SPE (good) Masked SPE Median SPE (1.000) 0

FEB 17 - Channel 63 PEs (good) 40 **- 1.04** Masked PEs Exp Fit (5.35%/yr) (Temperature Corrected) 30 1.02 - 1.00 20 .0 86.0 Normalized 10 Normalized SPE (good) Masked SPE Median SPE (1.000) 0 2012-12 2013-02 2013-03 2013-05 2013-01 2013-02 2013-12 2014-03 2014-03 2014-03

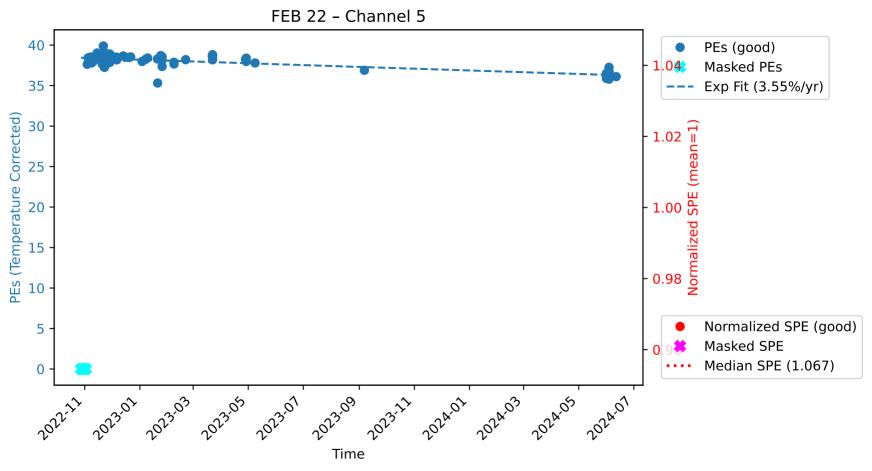
FEB 22 - Channel 0 PEs (good) - 1.04 Masked PEs 38.5 Exp Fit (1.85%/yr) Corrected) 38.0 1.02 37.5 (Temperature 1.00 S 37.0 .0 86.0 Normalized 36.5 36.0 Normalized SPE (good) Masked SPE Median SPE (0.998) 35.5 202.12 2023.03 2023.03 2023.03 2023.03 2023.12 2024.03 2024.03 2024.03 Time

FEB 22 - Channel 1 37.5 PEs (good) 1.04 Masked PEs 37.0 Exp Fit (3.72%/yr) 1.02 1.00 S .0 86.0 Normalized PEs 34.5 Normalized SPE (good) Masked SPE 34.0 Median SPE (0.998) 2022-12 2023-03 2023-05 2023-07 2023-05 2023-12 2024-03 2024-05 2024-07 Time

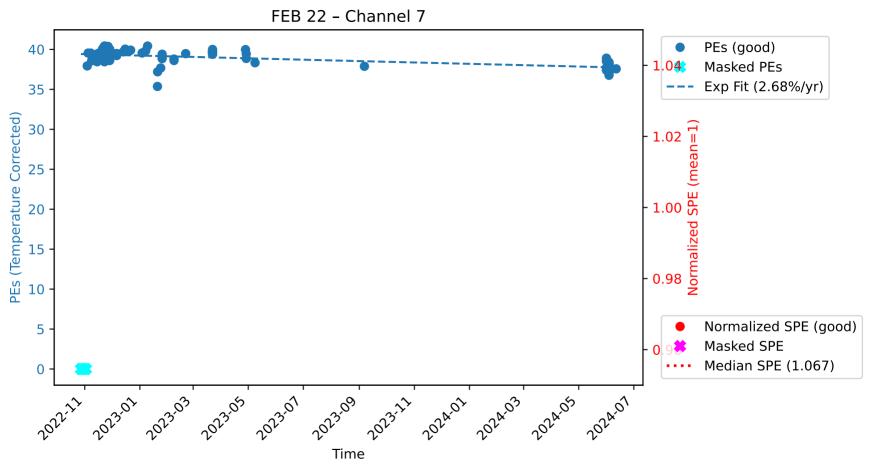


FEB 22 - Channel 3 PEs (good) 38.0 - 1.04 Masked PEs Exp Fit (3.66%/yr) 37.5 Corrected) 37.0 1.02 36.5 (Temperature 1.00 S 36.0 - 86.0 86.0 Normalized 35.5 S 35.0 Normalized SPE (good) 34.5 Masked SPE Median SPE (0.999) 34.0 202.12 2023.03 2023.03 2023.03 2023.03 2023.12 2024.03 2024.03 2024.03 Time

FEB 22 - Channel 4 PEs (good) 40 Masked PEs Exp Fit (3.06%/yr) 35 (Temperature Corrected) 30 - 1.02 25 - 1.00 S 20 .0 86.0 Normalized 15 10 Normalized SPE (good) 5 Masked SPE Median SPE (1.067) 0

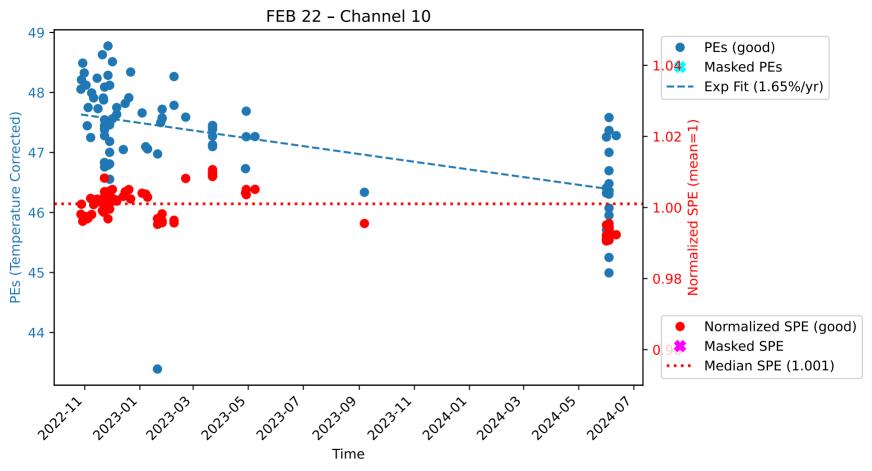


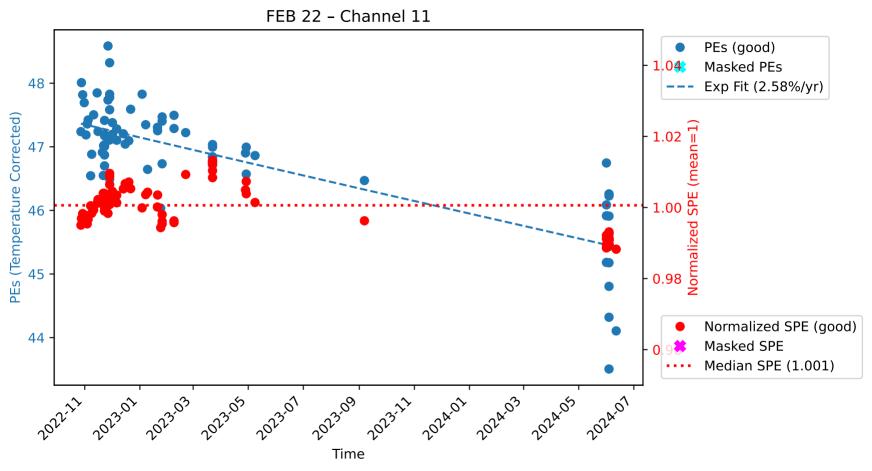
FEB 22 - Channel 6 40 PEs (good) - 1.04 Masked PEs 35 Exp Fit (2.79%/yr) (Temperature Corrected) 30 1.02 - 1.00 S 20 .0 86.0 Normalized 15 10 Normalized SPE (good) 5 Masked SPE Median SPE (1.067) 0

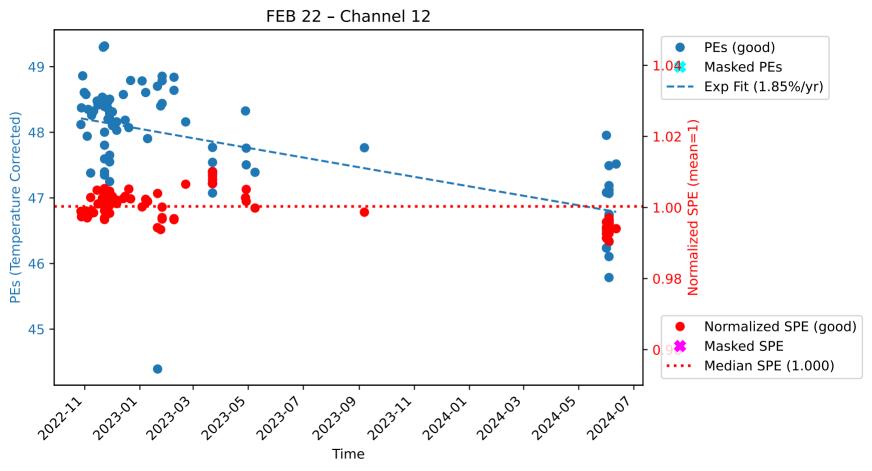


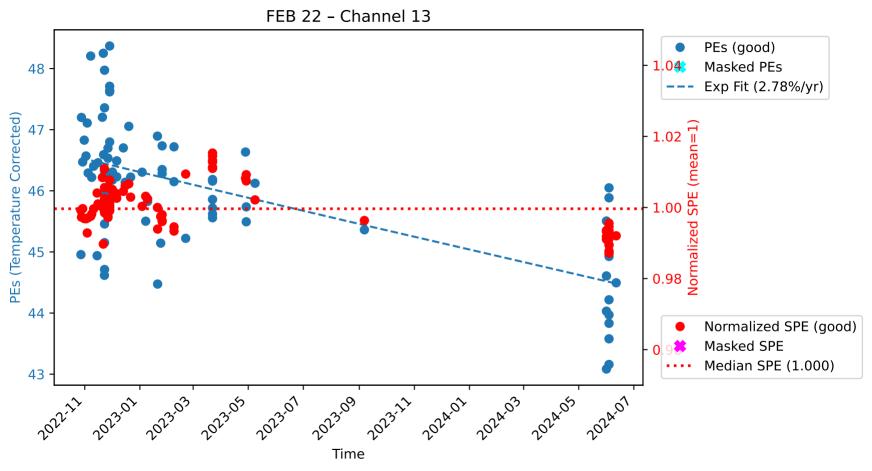
FEB 22 - Channel 8 PEs (good) - 1.04 Masked PEs 52 Exp Fit (2.01%/yr) (Temperature Corrected) - 1.02 51 - 1.00 -86.0 Normalized 50 SH 49 Normalized SPE (good) Masked SPE 48 Median SPE (1.001) 202212 202302 202303 202302 202302 202302 202402 202402 202402

FEB 22 - Channel 9 PEs (good) - 1.04 Masked PEs 49 Exp Fit (1.87%/yr) PEs (Temperature Corrected) - 1.02 48 - 1.00 S -86 8 Normalized 47 46 Normalized SPE (good) Masked SPE Median SPE (0.999) 45 202222 2023.02 2023.02 2023.02 2023.02 2023.02 2024.03 2024.03 2024.03

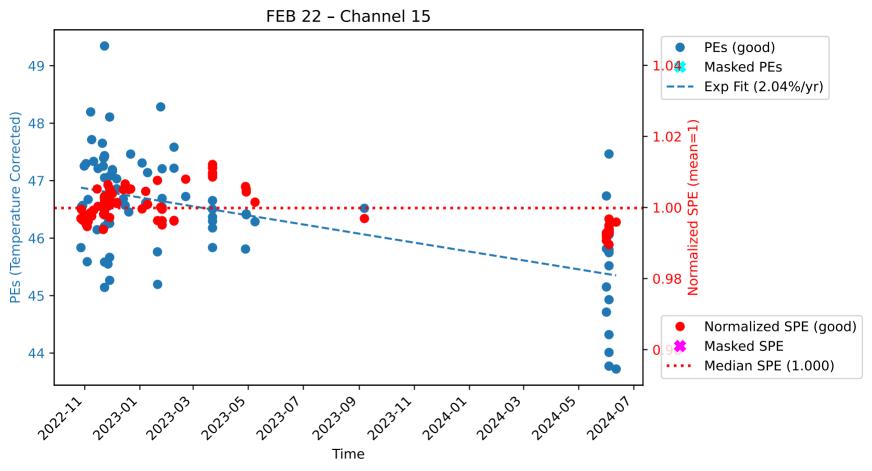




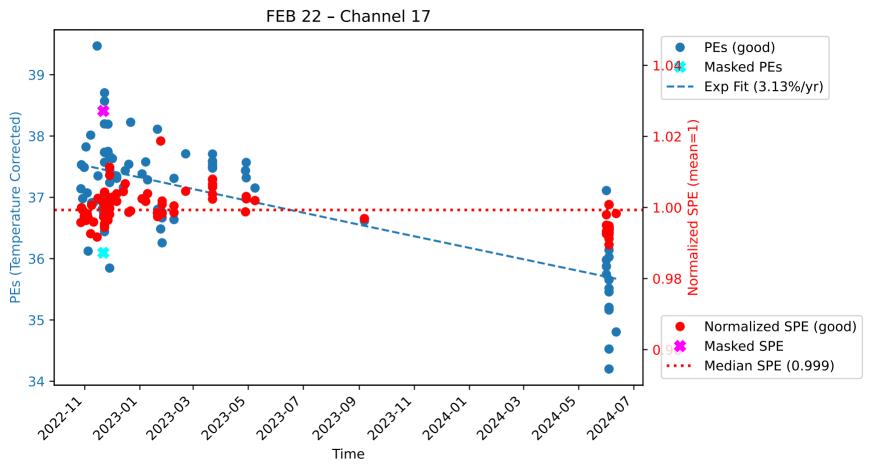


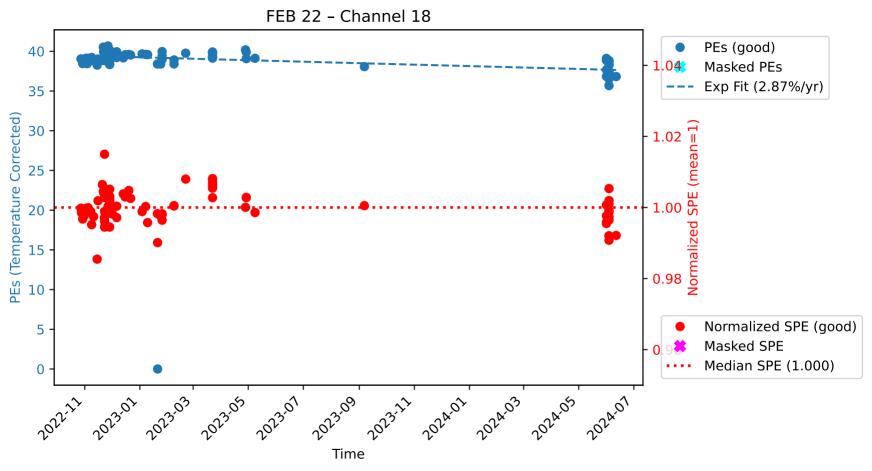


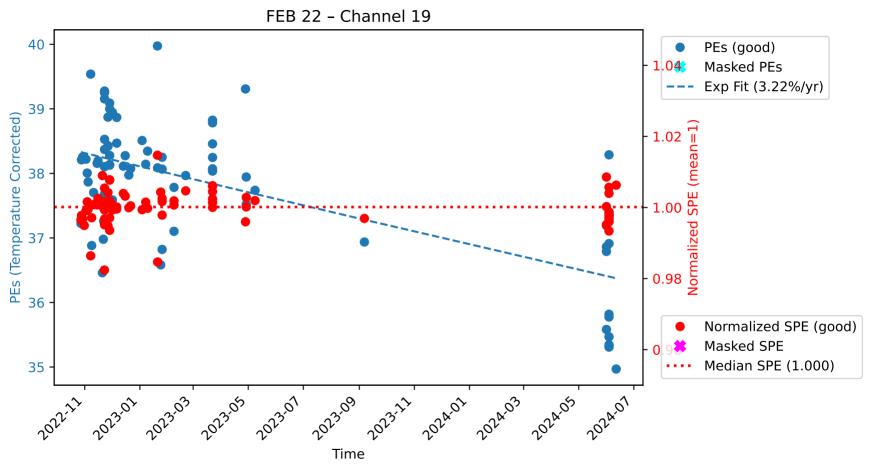
FEB 22 - Channel 14 48.5 PEs (good) - 1.04 Masked PEs Exp Fit (1.35%/yr) 48.0 (Temperature Corrected) 1.02 47.5 47.0 1.00 H .0 86 Normalized 46.5 46.0 Normalized SPE (good) 45.5 Masked SPE Median SPE (1.000) 45.0 202:12 202:03 202:05 202:05 202:05 202:05 202:05 202:05 202:05 202:05 Time

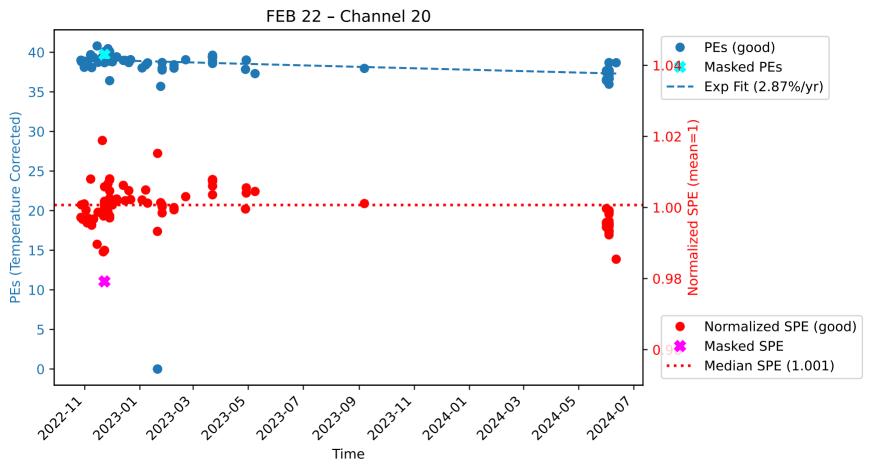


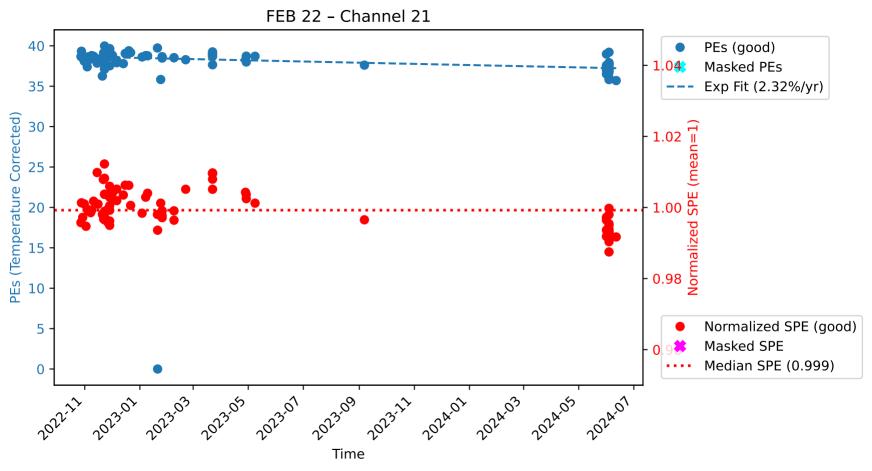
FEB 22 - Channel 16 38.0 PEs (good) 1.04 Masked PEs 37.5 Exp Fit (2.76%/yr) (Temperature Corrected) 37.0 - 1.02 36.5 36.0 - 86.0 86.0 Normalized 35.5 35.0 34.5 Normalized SPE (good) Masked SPE 34.0 Median SPE (1.000) 20271 2023-01 2023-03 2023-05 2023-01 2023-01 2024-01 2024-03 2024-01 Time

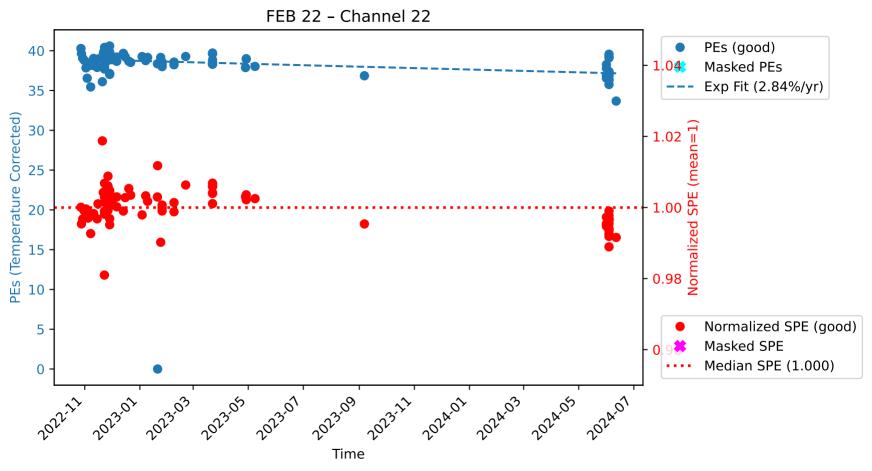


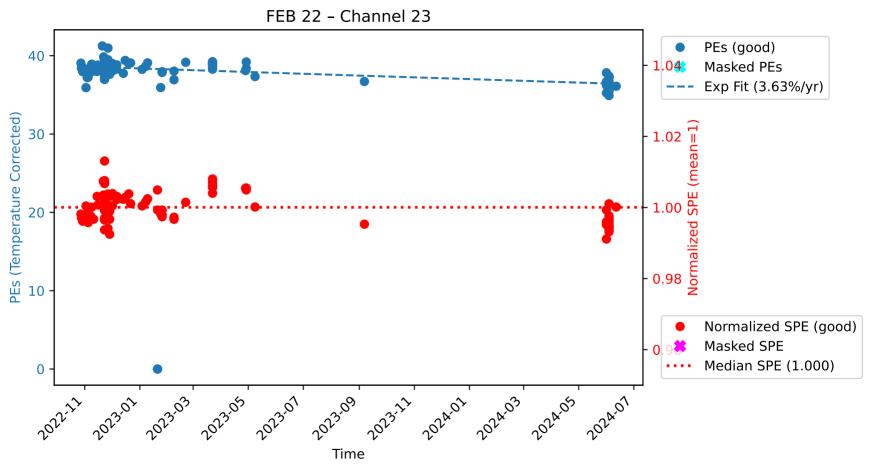


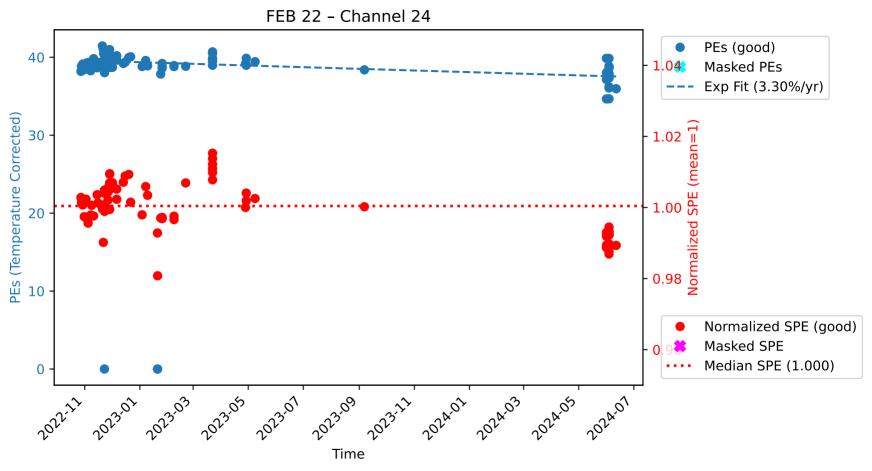


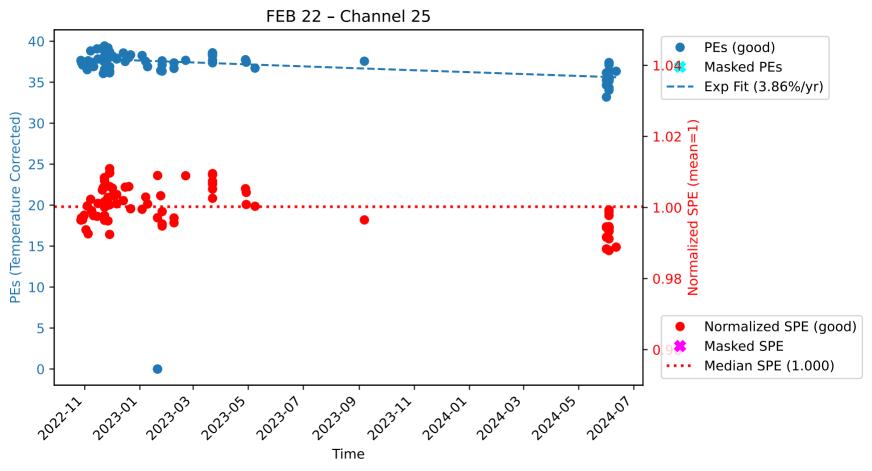


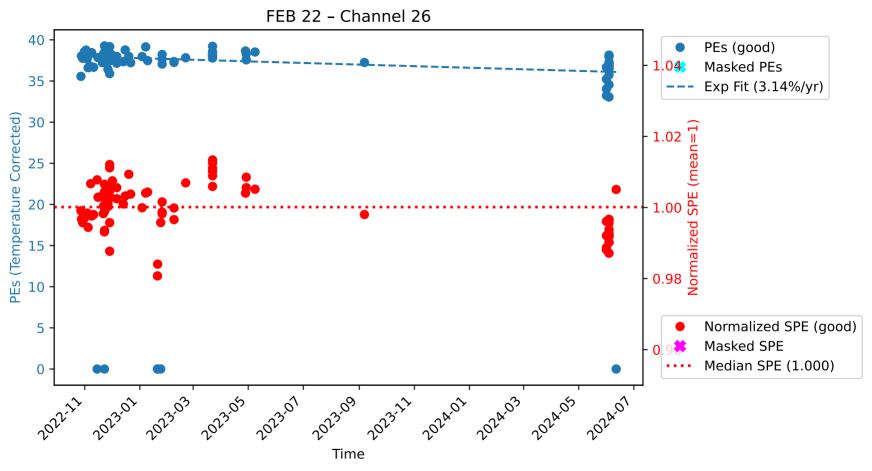


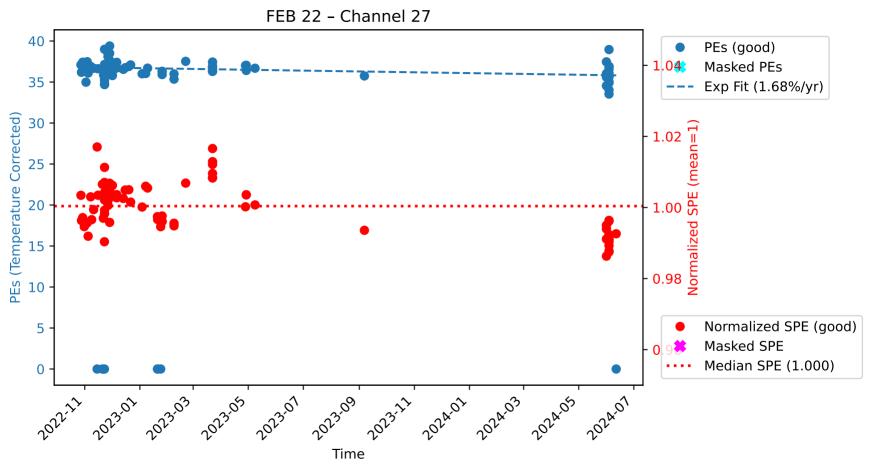




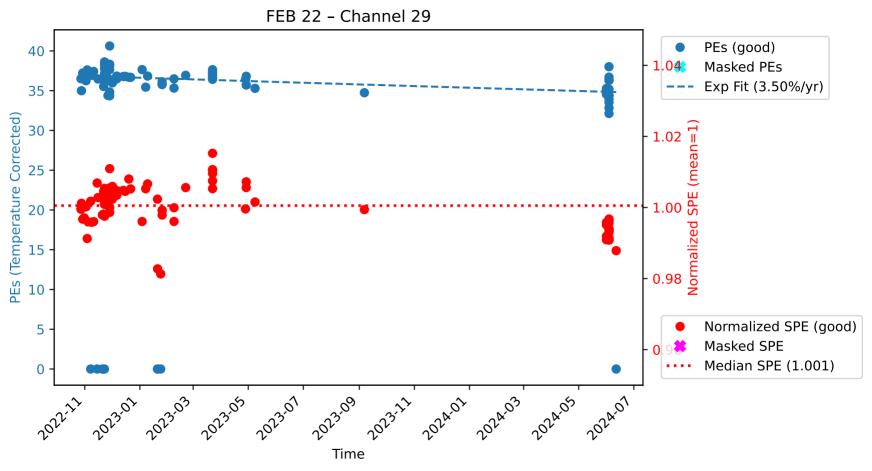


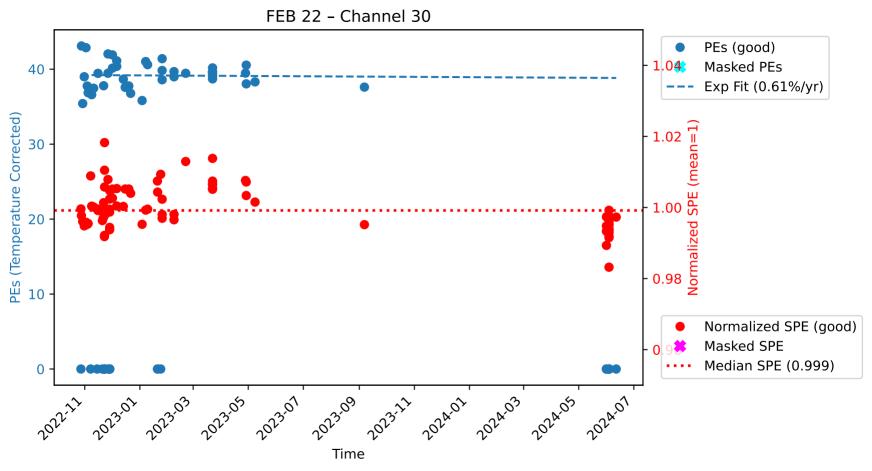


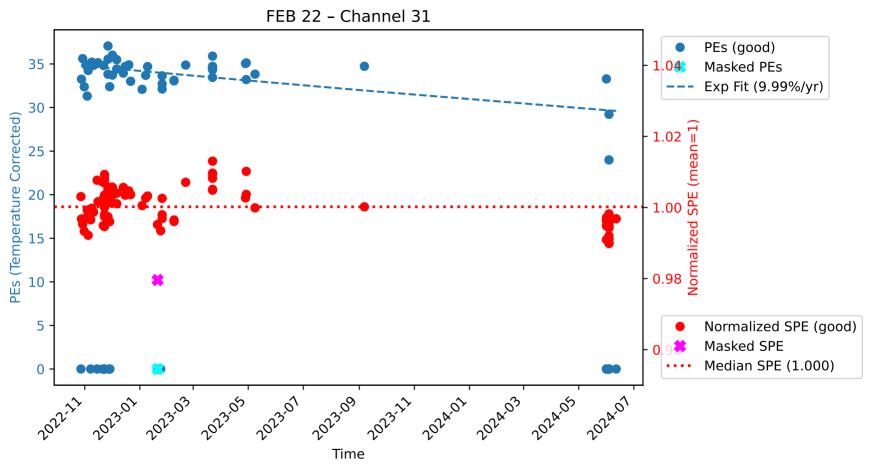


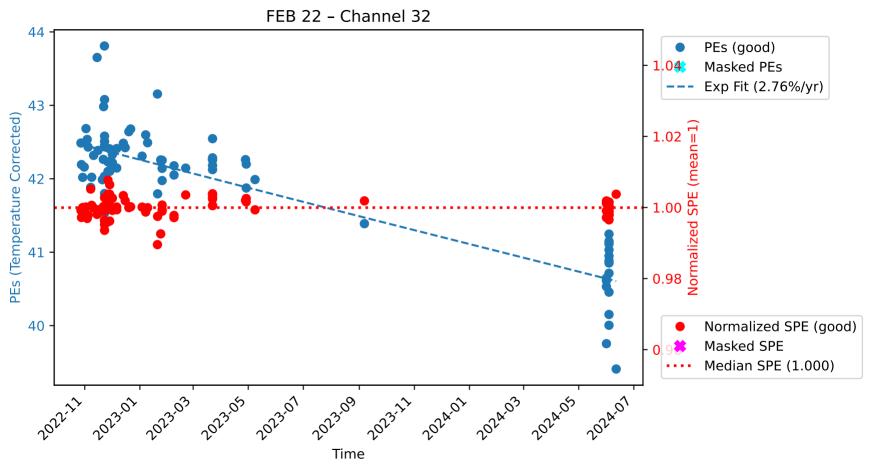


FEB 22 - Channel 28 PEs (good) - 1.04 Masked PEs 40 Exp Fit (5.73%/yr) (Temperature Corrected) 1.02 30 20 PES 10 Normalized SPE (good) Masked SPE Median SPE (1.000) 0 2022-12 2023-02 2023-03 2023-03 2023-03 2023-12 2024-03 2024-03 2024-03







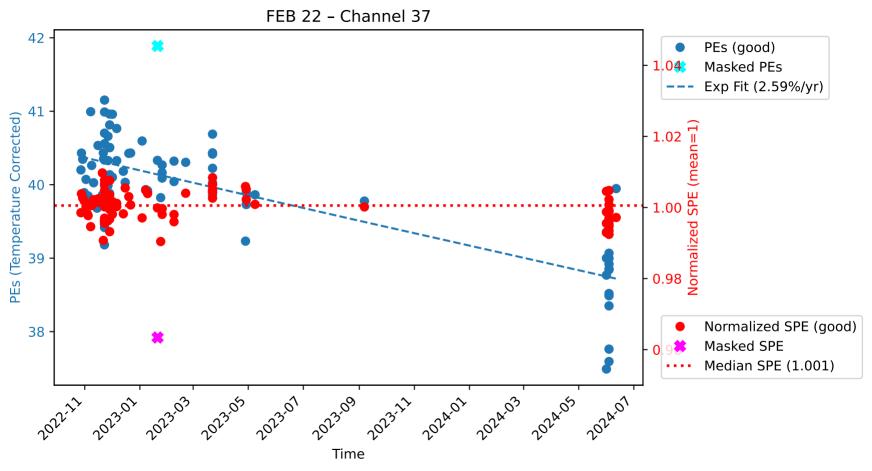


FEB 22 - Channel 33 42.5 PEs (good) 1.04 Masked PEs Exp Fit (2.12%/yr) 42.0 ^oEs (Temperature Corrected) 41.5 1.02 41.0 + 1.00 .0 86 Normalized 40.5 40.0 Normalized SPE (good) 39.5 Masked SPE Median SPE (1.000) 39.0 202.12 202.02 202.03 202.03 202.03 202.03 202.03 202.03 202.03 Time

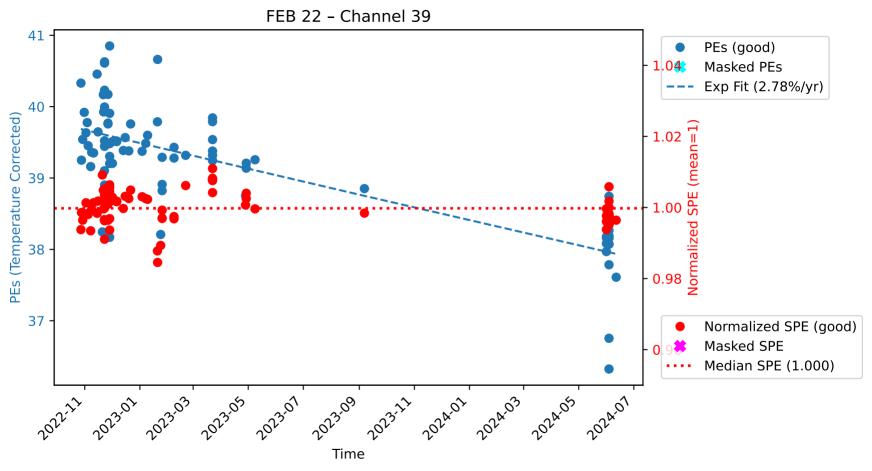
FEB 22 - Channel 34 PEs (good) 42.0 - 1.04 Masked PEs Exp Fit (2.47%/yr) 41.5 (Temperature Corrected) - 1.02 41.0 40.5 .0 86.0 Normalized 40.0 ₩ 39.5 Normalized SPE (good) 39.0 Masked SPE Median SPE (1.000) 2022-12 2023-03 2023-05 2023-07 2023-05 2023-12 2024-03 2024-05 2024-07 Time

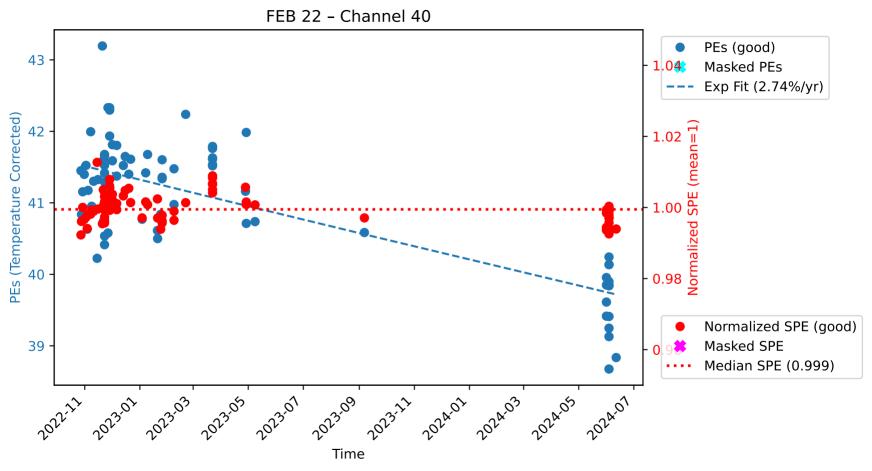
FEB 22 - Channel 35 PEs (good) 42.5 - 1.04 Masked PEs Exp Fit (2.71%/yr) 42.0 (Temperature Corrected) - 1.02 41.5 41.0 - 1.00 S -0.0 86.0 Normalized 40.5 0.04 AU.0 Normalized SPE (good) 39.5 Masked SPE Median SPE (1.000) 39.0 202.12 202.02 202.03 202.03 202.03 202.03 202.03 202.03 202.03 Time

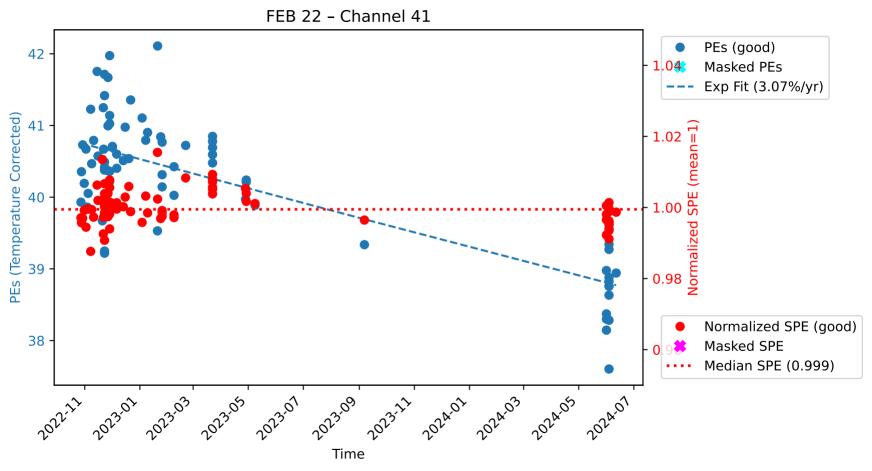
FEB 22 - Channel 36 PEs (good) 41.5 - 1.04 Masked PEs Exp Fit (2.11%/yr) 41.0 (Temperature Corrected) - 1.02 40.5 40.0 1.00 .0 86 Normalized 39.5 B 39.0 Normalized SPE (good) 38.5 Masked SPE Median SPE (1.000) 38.0 202.12 202.03 202.03 202.05 202.01 202.03 202.03 202.03 202.03 202.05 202.01 Time

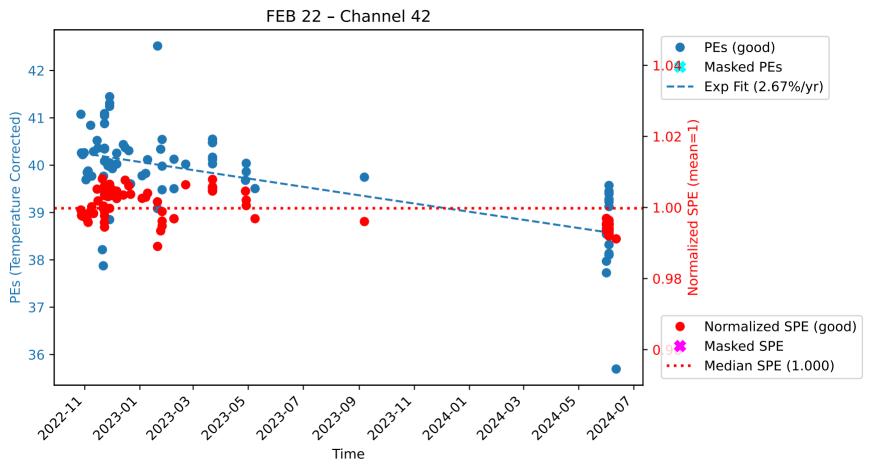


FEB 22 - Channel 38 PEs (good) - 1.04 Masked PEs 43 Exp Fit (2.45%/yr) PEs (Temperature Corrected) 1.02 42 -86 8 Normalized 41 Normalized SPE (good) Masked SPE Median SPE (1.000) 39 20222 20230 20230 20230 20230 20230 20232 20240 20240 20240



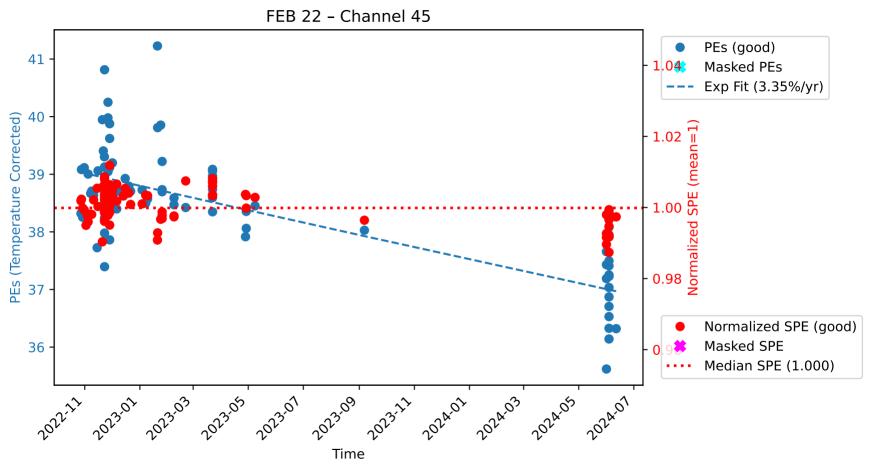




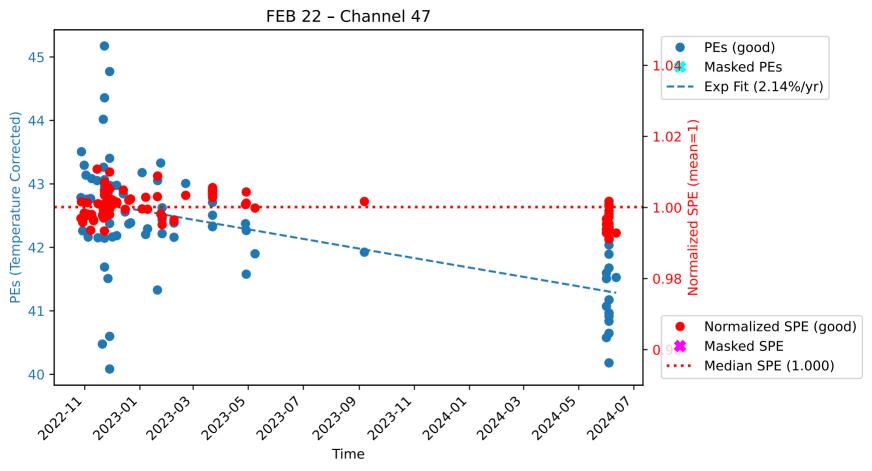


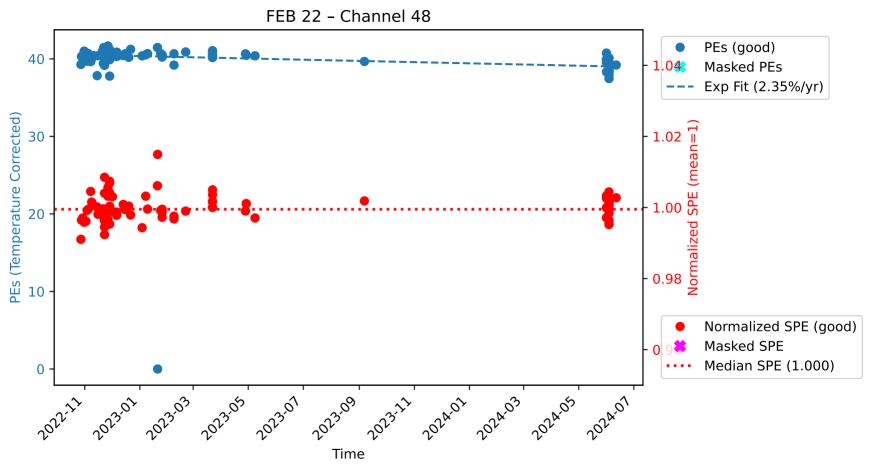
FEB 22 - Channel 43 PEs (good) - 1.04 Masked PEs 41.5 Exp Fit (1.61%/yr) 41.0 Temperature Corrected) 1.02 40.5 40.0 + 1.00 .0 86 Normalized 39.5 39.0 PEs 38.5 Normalized SPE (good) Masked SPE 38.0 Median SPE (1.000) 2022-12 2023-03 2023-05 2023-07 2023-05 2023-12 2024-03 2024-05 2024-07 Time

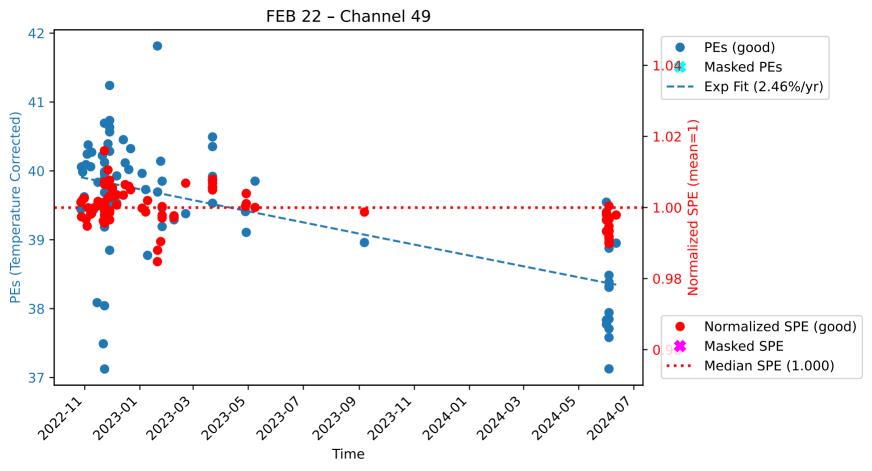
FEB 22 - Channel 44 PEs (good) - 1.04 Masked PEs 40.5 Exp Fit (2.07%/yr) 40.0 (Temperature Corrected) 1.02 39.5 1.00 39.0 .0 86 Normalized 38.5 38.0 Normalized SPE (good) Masked SPE 37.5 Median SPE (1.000) 202.12 2023.03 2023.03 2023.03 2023.03 2023.12 2024.03 2024.03 2024.03 Time

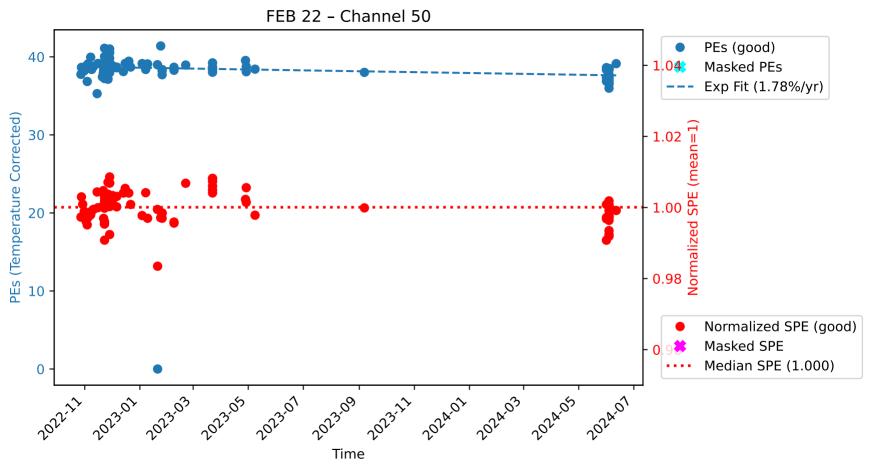


FEB 22 - Channel 46 PEs (good) - 1.04 Masked PEs 45 Exp Fit (1.70%/yr) (Temperature Corrected) 44 - 1.02 43 - 1.00 S -86.0 Normalized 42 SH 41 Normalized SPE (good) Masked SPE 40 Median SPE (1.001) 2022-12 2023-02 2023-03 2023-03 2023-03 2023-12 2024-03 2024-03 2024-03

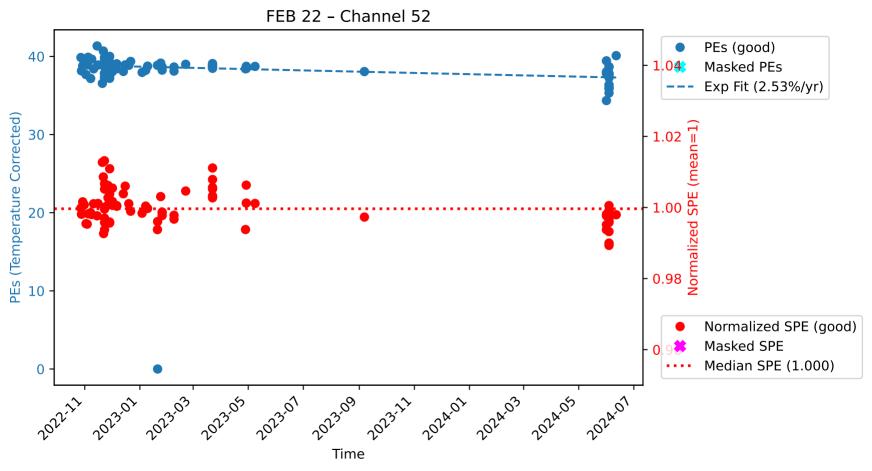


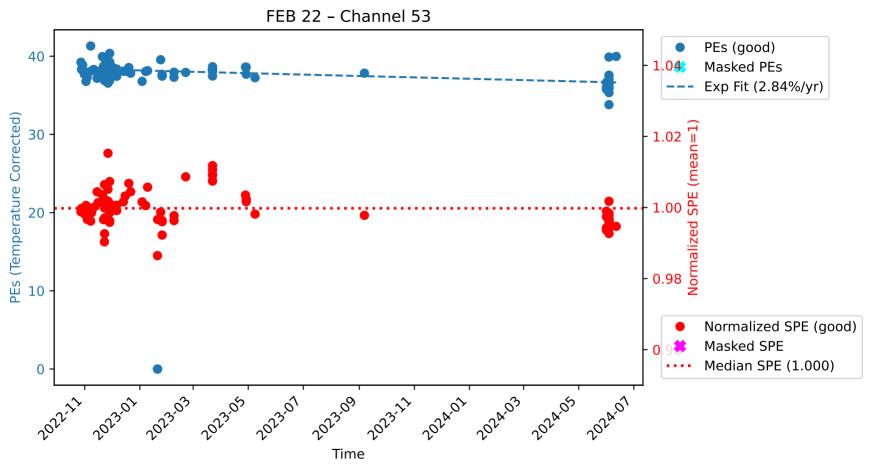




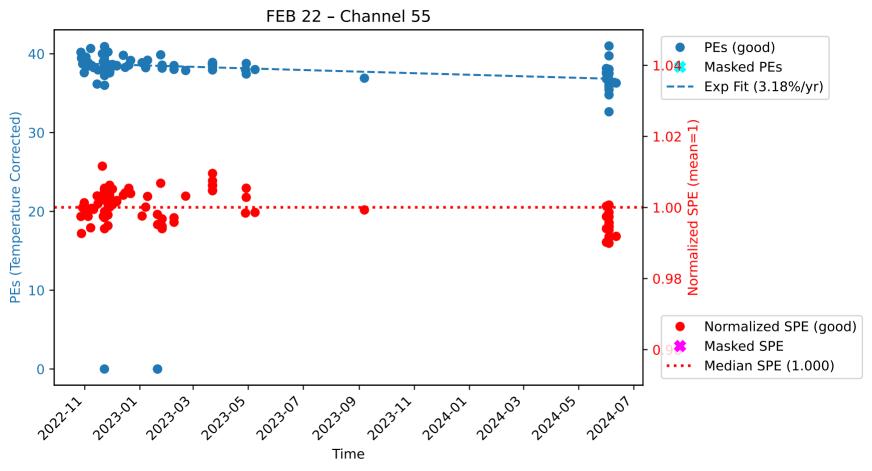


FEB 22 - Channel 51 PEs (good) 40 - 1.04 Masked PEs Exp Fit (3.52%/yr) (Temperature Corrected) 1.02 30 - 1.00 S 20 . 86.0 Normalized H 10 Normalized SPE (good) Masked SPE Median SPE (0.997) 0



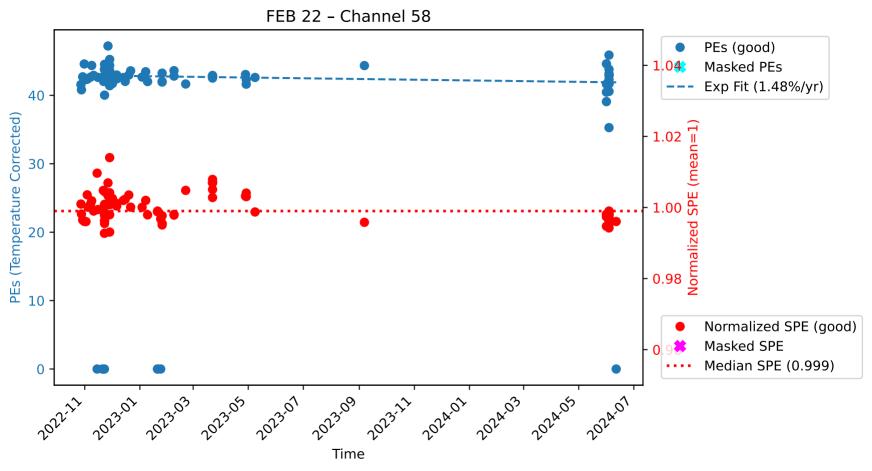


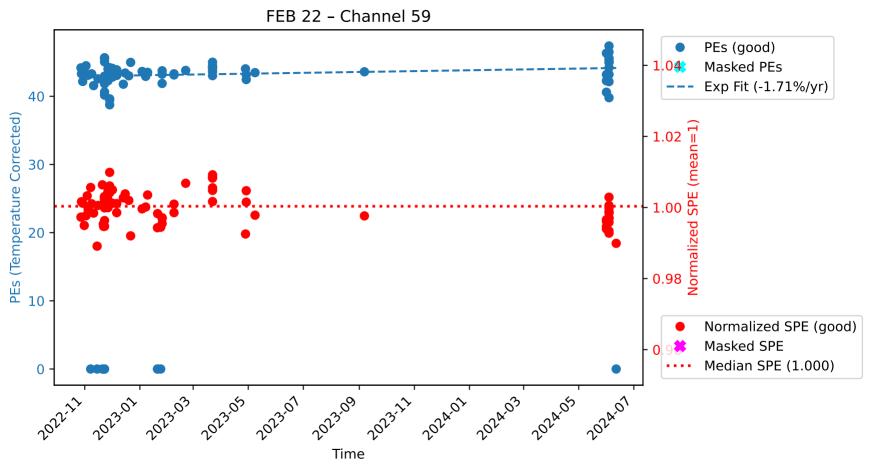
FEB 22 - Channel 54 40 PEs (good) 1.04 Masked PEs 35 Exp Fit (2.48%/yr) (Temperature Corrected) 30 - 1.02 25 20 -86°0 Normalized 15 10 Normalized SPE (good) 5 Masked SPE Median SPE (1.001) 0



FEB 22 - Channel 56 PEs (good) 40 1.04 Masked PEs Exp Fit (0.56%/yr) (Temperature Corrected) 1.02 30 1.00 20 FS 10 Normalized SPE (good) Masked SPE Median SPE (1.001) 0

FEB 22 - Channel 57 PEs (good) **- 1.04** Masked PEs 40 Exp Fit (1.87%/yr) (Temperature Corrected) 1.02 30 20 .0 86.0 Normalized PEs 10 Normalized SPE (good) Masked SPE Median SPE (1.000) 0





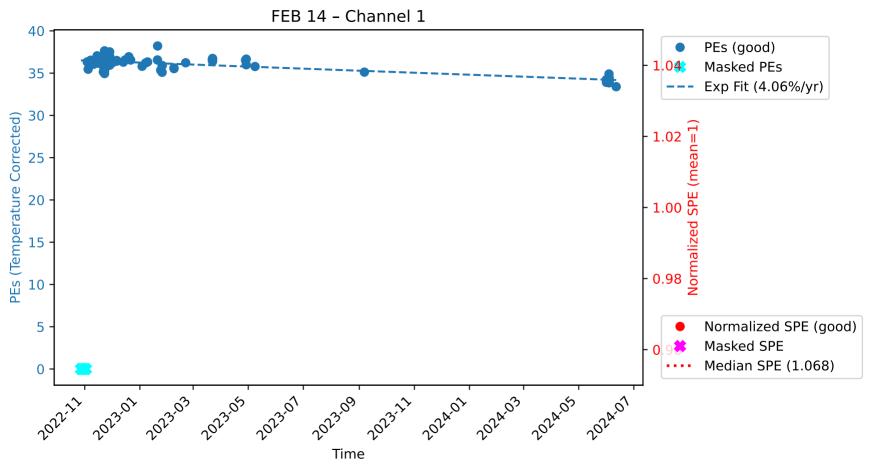
FEB 22 - Channel 60 PEs (good) - 1.04 Masked PEs Exp Fit (2.42%/yr) PEs (Temperature Corrected) 1.02 Normalized SPE (good) Masked SPE Median SPE (1.000)

FEB 22 - Channel 61 PEs (good) 1.04 Masked PEs 40 Exp Fit (9.40%/yr) (Temperature Corrected) 1.02 30 20 PEs 10 Normalized SPE (good) Masked SPE Median SPE (0.999) 2022-12 2023-02 2023-03 2023-03 2023-03 2023-12 2024-03 2024-03 2024-03

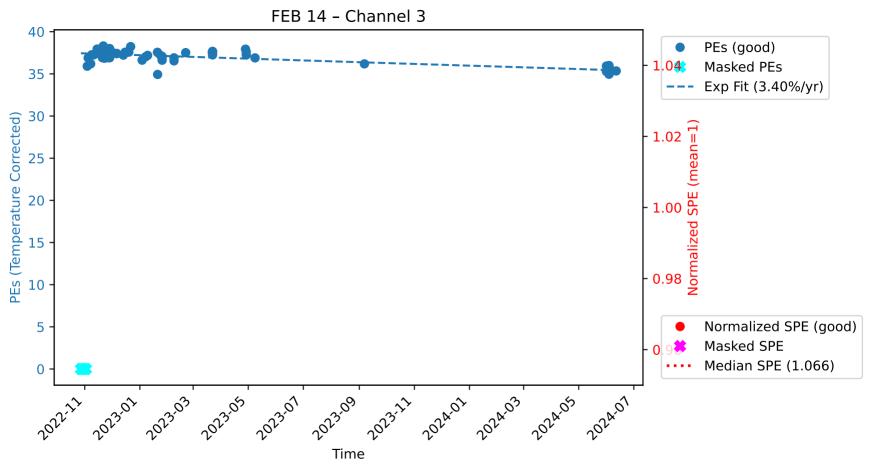
FEB 22 - Channel 62 PEs (good) - 1.04° Masked PEs 40 Exp Fit (-4.72%/yr) (Temperature Corrected) - 1.02 30 20 PES 10 Normalized SPE (good) Masked SPE Median SPE (1.000) 202.12 2023.02 2023.03 2023.03 2023.03 2023.03 2024.03 2024.03 2024.03

FEB 22 - Channel 63 PEs (good) 40 Masked PEs 1.04 Exp Fit (9.25%/yr) (Temperature Corrected) - 1.02 30 20 H 10 Normalized SPE (good) Masked SPE Median SPE (1.000) 2012-12 2013-02 2013-03 2013-05 2013-01 2013-02 2013-12 2014-03 2014-03 2014-03

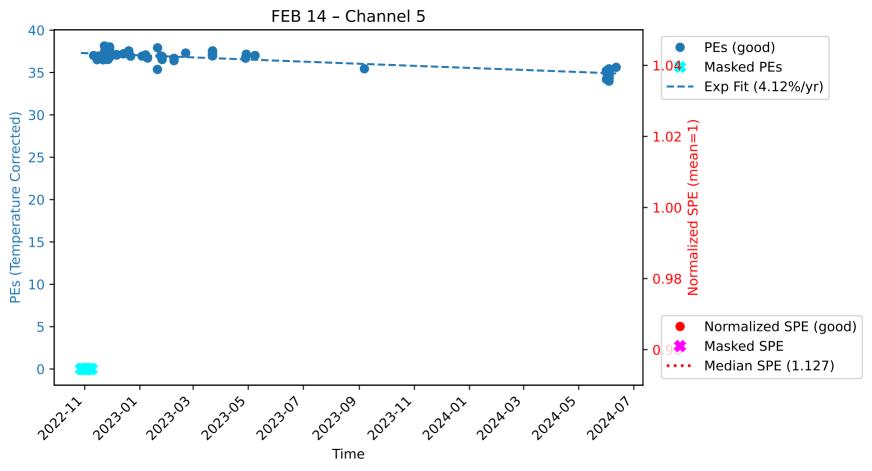
FEB 14 - Channel 0 40 PEs (good) - 1.04° Masked PEs 35 Exp Fit (3.44%/yr) (Temperature Corrected) 30 - 1.02 25 - 1.00 S 20 .0 86 Normalized 15 10 Normalized SPE (good) 5 Masked SPE Median SPE (1.067) 0



FEB 14 - Channel 2 40 PEs (good) Masked PEs 35 Exp Fit (2.77%/yr) (Temperature Corrected) 30 - 1.02 25 - 1.00 S 20 -0.0 86 Normalized 15 10 Normalized SPE (good) 5 Masked SPE Median SPE (1.068) 0



FEB 14 - Channel 4 PEs (good) 38.5 - 1.04 Masked PEs Exp Fit (3.11%/yr) 38.0 (Temperature Corrected) - 1.02 37.5 37.0 .0 86 Normalized 36.5 36.0 PEs 35.5 Normalized SPE (good) Masked SPE 35.0 Median SPE (1.000) 2022-12 2023-02 2023-05 2023-07 2023-05 2023-12 2024-05 2024-05 2024-07 Time



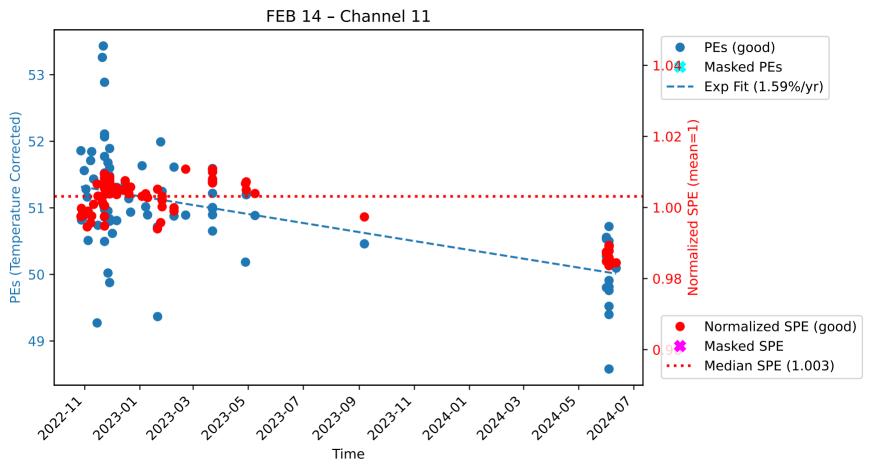
FEB 14 - Channel 6 PEs (good) 38 - 1.04 Masked PEs Exp Fit (3.61%/yr) (Temperature Corrected) 37 - 1.02 36 -86 Normalized 35 Normalized SPE (good) 34 Masked SPE Median SPE (1.001) 2022-12 2023-02 2023-03 2023-03 2023-03 2023-12 2024-03 2024-03 2024-03

FEB 14 - Channel 7 PEs (good) - 1.04 Masked PEs 37.0 Exp Fit (3.32%/yr) 36.5 (Temperature Corrected) 1.02 36.0 1.00 g 35.5 .0 86.0 Normalized 35.0 SH 34.5 Normalized SPE (good) 34.0 Masked SPE Median SPE (1.001) 33.5 202.12 202.03 202.03 202.05 202.01 202.03 202.03 202.03 202.03 202.05 202.01 Time

FEB 14 - Channel 8 PEs (good) 51 Masked PEs 1.04 Exp Fit (2.48%/yr) 50 PEs (Temperature Corrected) - 1.02 49 1.00 -86.0 Normalized 48 47 Normalized SPE (good) Masked SPE Median SPE (1.000) 46 -20222 20230 20230 20230 20230 20230 20232 20240 20240 20240 20240

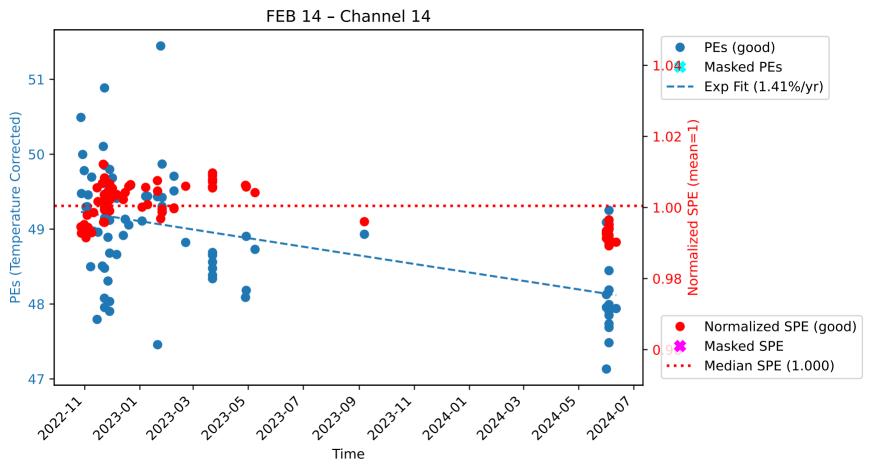
FEB 14 - Channel 9 PEs (good) 1.04 Masked PEs 53 Exp Fit (2.52%/yr) (Temperature Corrected) 25 2 2 9 49 - 1.02 51 -- 1.00 S -86 8 Normalized 48 Normalized SPE (good) Masked SPE Median SPE (1.001) 47 202212 202302 202303 202302 202302 202302 202402 202402 202402

FEB 14 - Channel 10 PEs (good) 50.5 - 1.04 Masked PEs Exp Fit (2.57%/yr) 50.0 (Temperature Corrected) - 1.02 49.5 49.0 - 86.0 86.0 Normalized 48.5 48.0 47.5 Normalized SPE (good) Masked SPE 47.0 Median SPE (1.000) 202.12 2023.03 2023.03 2023.03 2023.03 2023.12 2024.03 2024.03 2024.03 Time



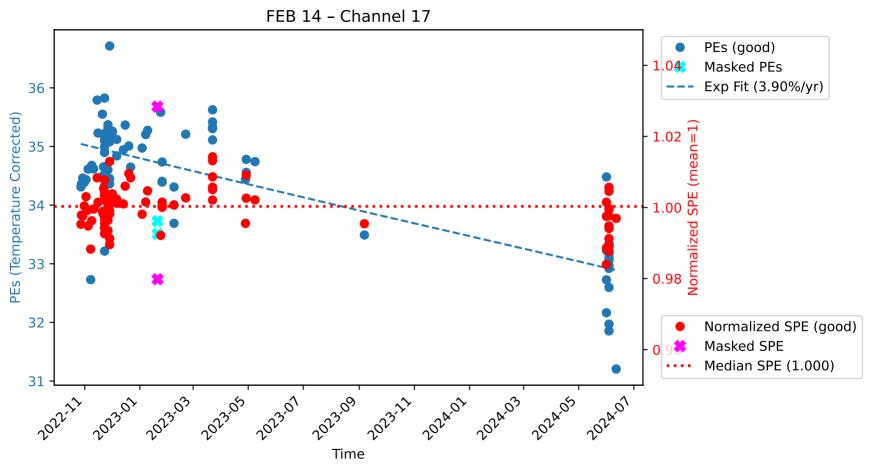
FEB 14 - Channel 12 52 PEs (good) - 1.04 Masked PEs Exp Fit (1.82%/yr) 51 (Temperature Corrected) - 1.02 50 - 1.00 -86.0 Normalized 49 48 Normalized SPE (good) Masked SPE Median SPE (1.000) 47 202.12 2023.02 2023.03 2023.03 2023.03 2023.03 2024.03 2024.03 2024.03

FEB 14 - Channel 13 51 PEs (good) - 1.04 Masked PEs Exp Fit (2.37%/yr) 50 (Temperature Corrected) - 1.02 49 - 1.00 g 48 -86.0 Normalized 47 Normalized SPE (good) 46 Masked SPE Median SPE (1.000) 2022-12 2023-03 2023-05 2023-01 2023-03 2023-12 2024-03 2024-03 2024-03



FEB 14 - Channel 15 PEs (good) 49.5 - 1.04 Masked PEs Exp Fit (2.18%/yr) 49.0 (Temperature Corrected) 1.02 48.5 48.0 1.00 g .0 86 Normalized 47.5 47.0 46.5 Normalized SPE (good) Masked SPE 46.0 Median SPE (1.000) 202.12 2023.03 2023.03 2023.03 2023.03 2023.12 2024.03 2024.03 2024.03 Time

FEB 14 - Channel 16 PEs (good) - 1.04° Masked PEs Exp Fit (3.32%/yr) 36 (Temperature Corrected) - 1.02 35 - 1.00 34 -86 8 Normalized 33 Normalized SPE (good) 32 Masked SPE Median SPE (1.000) 2022-12 2023-03 2023-03 2023-03 2023-03 2023-12 2024-03 2024-03 2024-03



FEB 14 - Channel 18 PEs (good) 35.5 - 1.04 Masked PEs Exp Fit (2.90%/yr) 35.0 (Temperature Corrected) 1.02 34.5 34.0 - 1.00 S - 86.0 86.0 Normalized 33.5 33.0 32.5 Normalized SPE (good) Masked SPE 32.0 Median SPE (1.002) 202.12 2023.03 2023.03 2023.03 2023.03 2023.12 2024.03 2024.03 2024.03 Time

FEB 14 - Channel 19 34 PEs (good) - 1.04 Masked PEs Exp Fit (4.26%/yr) 33 (Temperature Corrected) - 1.02 32 1.00 -86 Normalized 31 PES (Normalized SPE (good) Masked SPE Median SPE (0.999) 29 202.11 2023.01 2023.03 2023.05 2023.01 2023.03 2023.11 2024.03 2024.05 2024.01

FEB 14 - Channel 20 PEs (good) 35 1.04 Masked PEs Exp Fit (3.01%/yr) 30 PEs (Temperature Corrected) - 1.02 25 20 1.00 .0 86.0 Normalized 15 10 5 Normalized SPE (good) Masked SPE Median SPE (1.000) 0

FEB 14 - Channel 21 PEs (good) - 1.04° Masked PEs Exp Fit (3.42%/yr) 36 (Temperature Corrected) 1.02 35 34 -86 Normalized 33 Normalized SPE (good) 32 Masked SPE Median SPE (1.001) 2022-12 2023-02 2023-03 2023-03 2023-03 2023-12 2024-03 2024-03 2024-03

FEB 14 - Channel 22 PEs (good) 35 - 1.04 Masked PEs Exp Fit (3.65%/yr) 30 (Temperature Corrected) 1.02 25 20 .0 86.0 Normalized 15 10 5 Normalized SPE (good) Masked SPE Median SPE (1.000) 0

FEB 14 - Channel 23 PEs (good) 35 - 1.04 Masked PEs Exp Fit (5.39%/yr) 30 PEs (Temperature Corrected) 1.02 25 20 - 1.00 .0 86.0 Normalized 15 -10 Normalized SPE (good) Masked SPE Median SPE (1.001) 0

FEB 14 - Channel 24 PEs (good) 40 Masked PEs Exp Fit (2.17%/yr) (Temperature Corrected) 30 1.02 20 10 Normalized SPE (good) Masked SPE Median SPE (1.000) 0

FEB 14 - Channel 25 PEs (good) - 1.04 Masked PEs 40 Exp Fit (2.44%/yr) (Temperature Corrected) 1.02 30 1.00 g 20 .0 86.0 Normalized PES 10 Normalized SPE (good) Masked SPE Median SPE (1.001) 0

FEB 14 - Channel 26 PEs (good) 1.04 Masked PEs 40 Exp Fit (1.61%/yr) PEs (Temperature Corrected) 1.02 1.00 g .0 86.0 Normalized Normalized SPE (good) Masked SPE Median SPE (1.001) 0

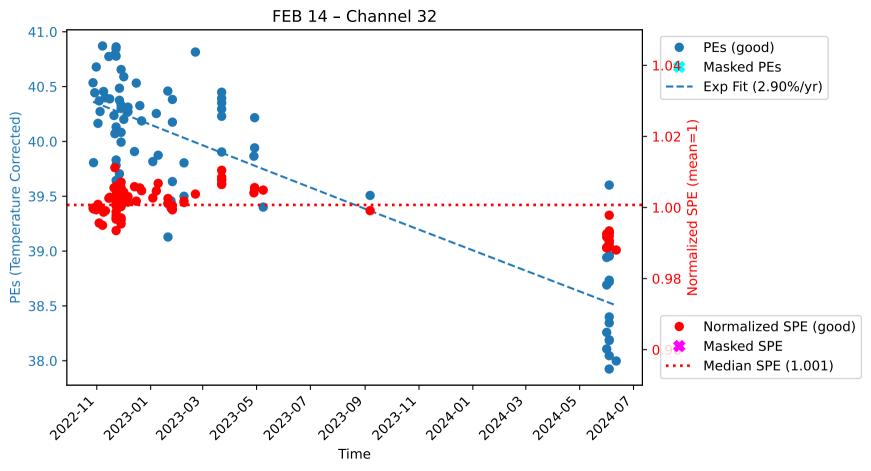
FEB 14 - Channel 27 PEs (good) - 1.04 Masked PEs 40 Exp Fit (2.48%/yr) PEs (Temperature Corrected) 1.02 Normalized SPE (good) Masked SPE Median SPE (1.000) 0

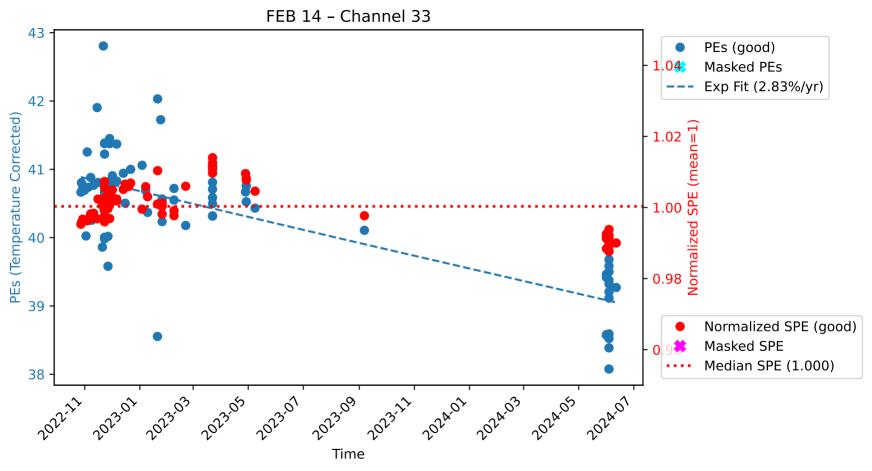
FEB 14 - Channel 28 PEs (good) **- 1.04** Masked PEs Exp Fit (1.60%/yr) 40 PEs (Temperature Corrected) 1.02 30 Normalized SPE (good) Masked SPE Median SPE (1.000) 0

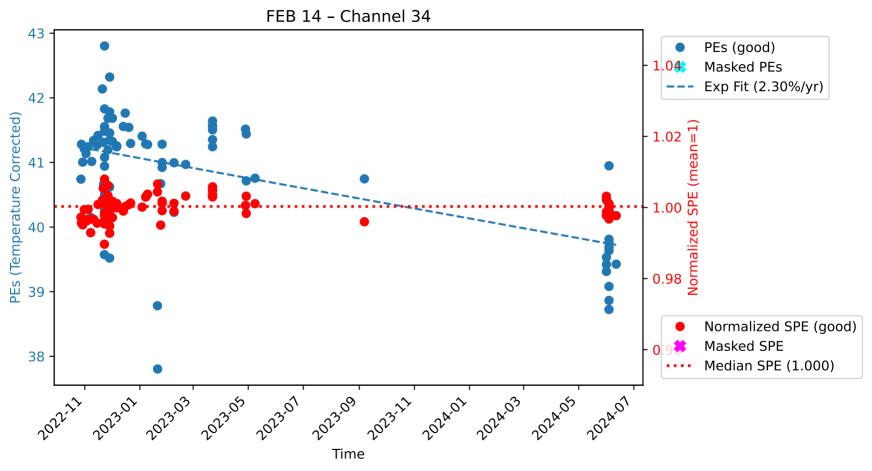
FEB 14 - Channel 29 PEs (good) - 1.04 Masked PEs Exp Fit (2.26%/yr) 40 PEs (Temperature Corrected) 1.02 Normalized SPE (good) Masked SPE Median SPE (1.001) 0

FEB 14 - Channel 30 PEs (good) **- 1.04** Masked PEs Exp Fit (1.80%/yr) 40 PEs (Temperature Corrected) 1.02 - 1.00 S -86.0 Normalized Normalized SPE (good) Masked SPE Median SPE (1.002) 0

FEB 14 - Channel 31 PEs (good) **- 1.04** Masked PEs 40 Exp Fit (5.13%/yr) (Temperature Corrected) 1.02 30 20 .0 86.0 Normalized H 10 Normalized SPE (good) Masked SPE Median SPE (1.000) 0







FEB 14 - Channel 35 PEs (good) 43.0 - 1.04 Masked PEs Exp Fit (2.37%/yr) 42.5 (Temperature Corrected) 1.02 42.0 41.5 - 1.00 S .0 86.0 Normalized 41.0 40.5 PEs 40.0 Normalized SPE (good) Masked SPE 39.5 Median SPE (1.001) 202.12 2023.03 2023.03 2023.03 2023.03 2023.12 2024.03 2024.03 2024.03 Time

FEB 14 - Channel 36 PEs (good) 44.5 1.04 Masked PEs Exp Fit (2.69%/yr) 44.0 (Temperature Corrected) - 1.02 43.5 43.0 **1.00** .0 86.0 Normalized 42.5 S 42.0 Normalized SPE (good) 41.5 Masked SPE Median SPE (1.000) 41.0 202.12 202.03 202.03 202.05 202.01 202.03 202.03 202.03 202.03 202.05 202.01 Time

FEB 14 - Channel 37 PEs (good) 1.04 Masked PEs Exp Fit (2.70%/yr) 46 PEs (Temperature Corrected) - 1.02 45 -86.0 Normalized 44 Normalized SPE (good) Masked SPE Median SPE (1.000) 42 202.12 2023.02 2023.03 2023.03 2023.03 2023.03 2024.03 2024.03 2024.03

FEB 14 - Channel 38 43.0 PEs (good) - 1.04 Masked PEs Exp Fit (2.05%/yr) 42.5 (Temperature Corrected) - 1.02 42.0 41.5 .0 86 Normalized 41.0 SH 40.5 Normalized SPE (good) 40.0 Masked SPE Median SPE (1.000) 39.5 202.12 202.03 202.03 202.05 202.01 202.03 202.03 202.03 202.03 202.05 202.01 Time

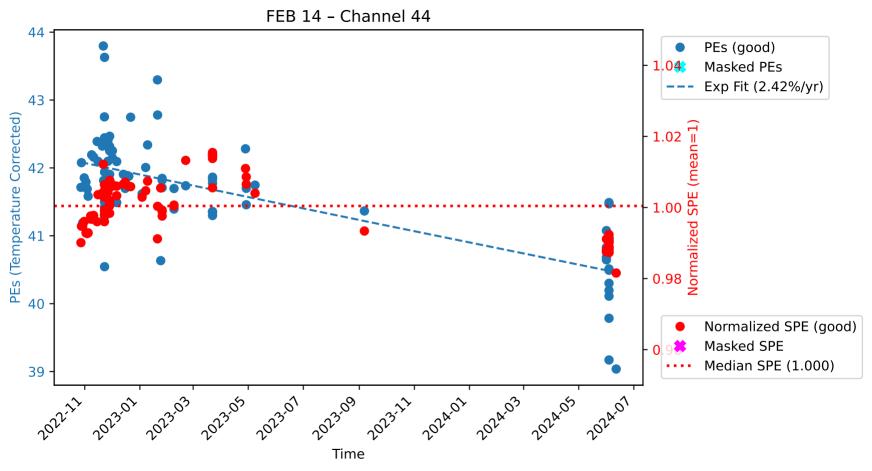
FEB 14 - Channel 39 44.5 PEs (good) 1.04 Masked PEs Exp Fit (1.69%/yr) 44.0 (Temperature Corrected) 43.5 -- 1.02 43.0 - 1.00 S 42.5 -0.0 86.0 Normalized 42.0 41.5 Normalized SPE (good) Masked SPE 41.0 Median SPE (1.001) 202.12 2023.02 2023.03 2023.03 2023.03 2023.03 2023.03 2024.03 2024.03 2024.03 Time

FEB 14 - Channel 40 PEs (good) - 1.04 Masked PEs 42.0 Exp Fit (2.24%/yr) AES (Lemberature Corrected) 41.5 41.0 40.5 40.0 39.5 - 1.02 - 1.00 공 -86.0 Normalized 39.0 Normalized SPE (good) Masked SPE 38.5 Median SPE (1.001) 2022-12 2023-03 2023-05 2023-07 2023-05 2023-12 2024-03 2024-05 2024-07 Time

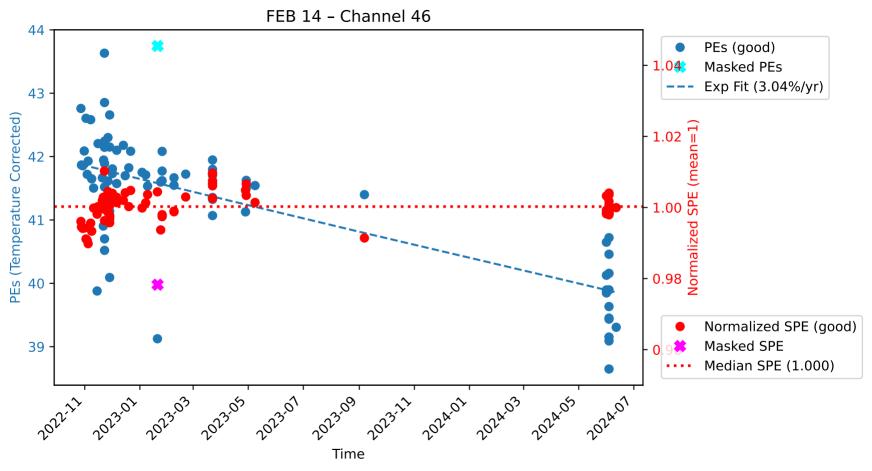
FEB 14 - Channel 41 PEs (good) - 1.04 Masked PEs Exp Fit (2.40%/yr) 43 PEs (Temperature Corrected) - 1.02 42 - 1.00 S -86.0 Normalized 40 Normalized SPE (good) Masked SPE Median SPE (1.000) 2022-12 2023-03 2023-05 2023-01 2023-03 2023-12 2024-03 2024-03 2024-03

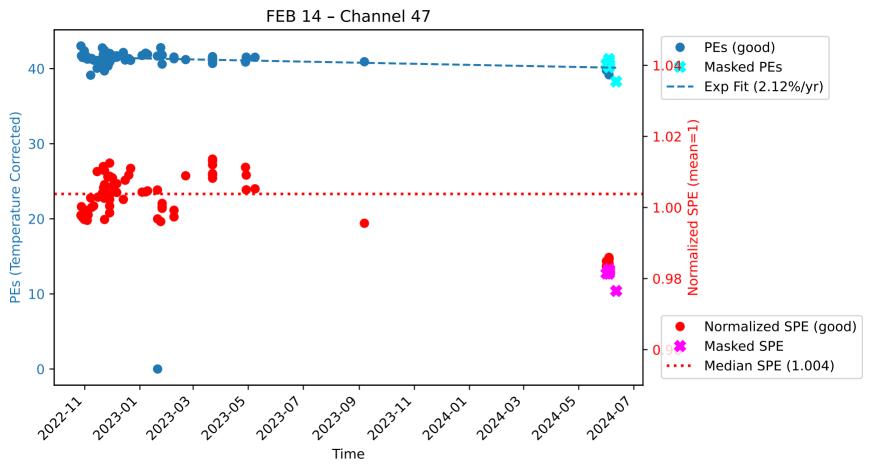
FEB 14 - Channel 42 42.5 PEs (good) - 1.04 Masked PEs Exp Fit (2.34%/yr) 42.0 (Temperature Corrected) 41.5 - 1.02 41.0 1.00 HS .0 86 Normalized 40.5 40.0 39.5 Normalized SPE (good) Masked SPE 39.0 Median SPE (1.001) 20271 2023-01 2023-03 2023-05 2023-01 2023-01 2024-01 2024-03 2024-01 Time

FEB 14 - Channel 43 45 PEs (good) - 1.04 Masked PEs Exp Fit (2.73%/yr) 44 - 1.02 43 - 1.00 42 -86.0 Normalized Normalized SPE (good) 40 Masked SPE Median SPE (1.000) 2022-12 2023-02 2023-03 2023-03 2023-03 2023-12 2024-03 2024-03 2024-03



FEB 14 - Channel 45 PEs (good) 44.0 - 1.04 Masked PEs Exp Fit (2.16%/yr) 43.5 1.02 1.00 S .0 86 Normalized 41.5 Normalized SPE (good) 41.0 Masked SPE Median SPE (1.002) 40.5 202.12 202.03 202.03 202.05 202.01 202.03 202.03 202.03 202.03 202.05 202.01 Time



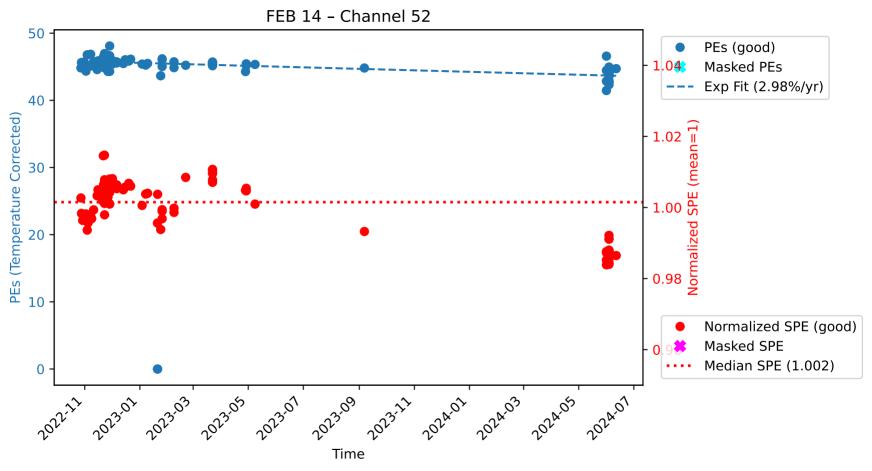


FEB 14 - Channel 48 50 PEs (good) Masked PEs Exp Fit (2.32%/yr) 1.02 -86.0 Normalized 10 Normalized SPE (good) Masked SPE Median SPE (1.014) 0

FEB 14 - Channel 49 PEs (good) - 1.04 Masked PEs 49 Exp Fit (2.63%/yr) (Temperature Corrected) 48 - 1.02 47 - 1.00 g -86.0 Normalized 46 -45 44 Normalized SPE (good) Masked SPE Median SPE (1.001) 43 202.12 2023.02 2023.03 2023.03 2023.03 2023.03 2024.03 2024.03 2024.03

FEB 14 - Channel 50 PEs (good) 50 - 1.04 Masked PEs Exp Fit (2.40%/yr) 40 PEs (Temperature Corrected) 1.02 30 - 1.00 S 20 10 Normalized SPE (good) Masked SPE Median SPE (1.003) 0

FEB 14 - Channel 51 50 PEs (good) Masked PEs Exp Fit (2.27%/yr) 40 PEs (Temperature Corrected) - 1.02 30 1.00 g Normalized SPE (good) Masked SPE Median SPE (1.001) 0



FEB 14 - Channel 53 50 PEs (good) Masked PEs Exp Fit (1.51%/yr) 40 PEs (Temperature Corrected) - 1.02 - 1.00 S .0 86 Normalized Normalized SPE (good) Masked SPE Median SPE (1.002) 0

FEB 14 - Channel 54 50 PEs (good) **- 1.04** Masked PEs Exp Fit (2.83%/yr) 40 PEs (Temperature Corrected) 1.02 30 Normalized SPE (good) Masked SPE Median SPE (1.000) 0

FEB 14 - Channel 55 PEs (good) Masked PEs Exp Fit (2.92%/yr) 40 PEs (Temperature Corrected) 1.02 30 - 1.00 S -86.0 Normalized Normalized SPE (good) Masked SPE Median SPE (1.006) 0

FEB 14 - Channel 56 40 PEs (good) Masked PEs 35 Exp Fit (2.72%/yr) (Temperature Corrected) 30 1.02 25 20 15 10 Normalized SPE (good) 5 Masked SPE Median SPE (1.000) 0

FEB 14 - Channel 57 40 PEs (good) - 1.04 Masked PEs 35 Exp Fit (3.24%/yr) (Temperature Corrected) 30 1.02 25 20 - 1.00 .0 86.0 Normalized 15 10 Normalized SPE (good) 5 Masked SPE Median SPE (1.001) 0

FEB 14 - Channel 58 PEs (good) 40 1.04 Masked PEs Exp Fit (3.40%/yr) (Temperature Corrected) 30 1.02 1.00 g 20 10 Normalized SPE (good) Masked SPE Median SPE (1.002) 0

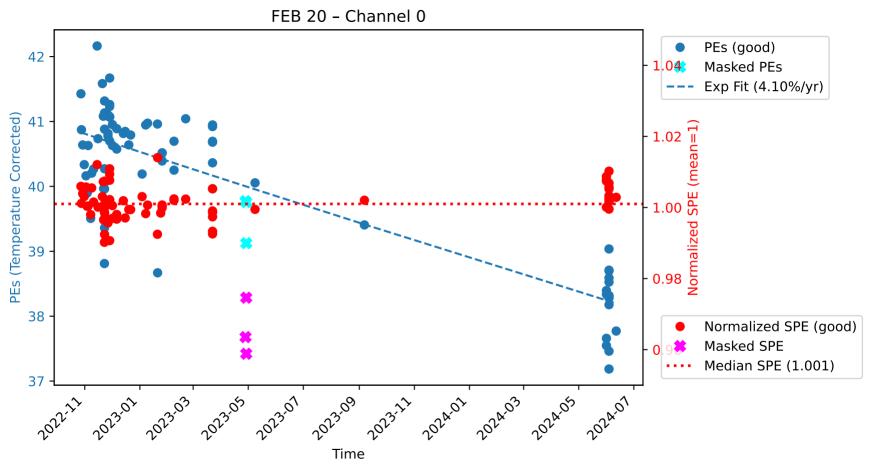
FEB 14 - Channel 59 PEs (good) 40 - 1.04 Masked PEs Exp Fit (4.74%/yr) (Temperature Corrected) 1.02 30 20 10 Normalized SPE (good) Masked SPE Median SPE (1.001) 0

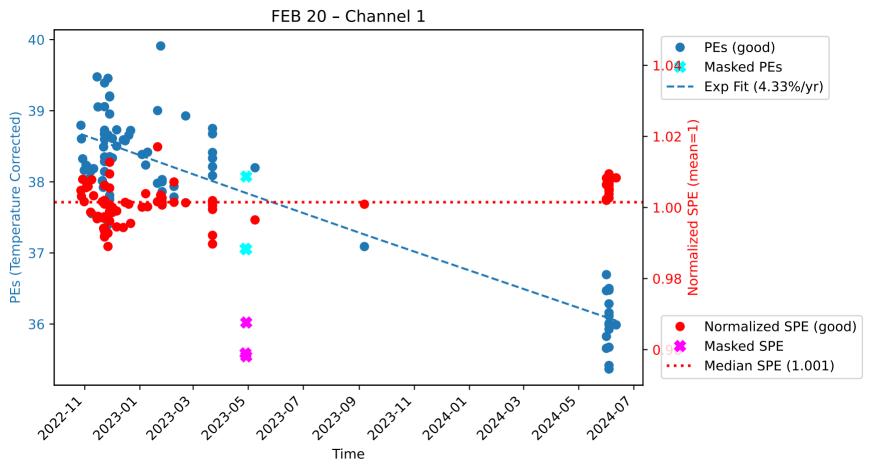
FEB 14 - Channel 60 PEs (good) **- 1.04** Masked PEs 40 Exp Fit (1.13%/yr) (Temperature Corrected) 1.02 30 1.00 g 20 ES 10 Normalized SPE (good) Masked SPE Median SPE (1.002) 0

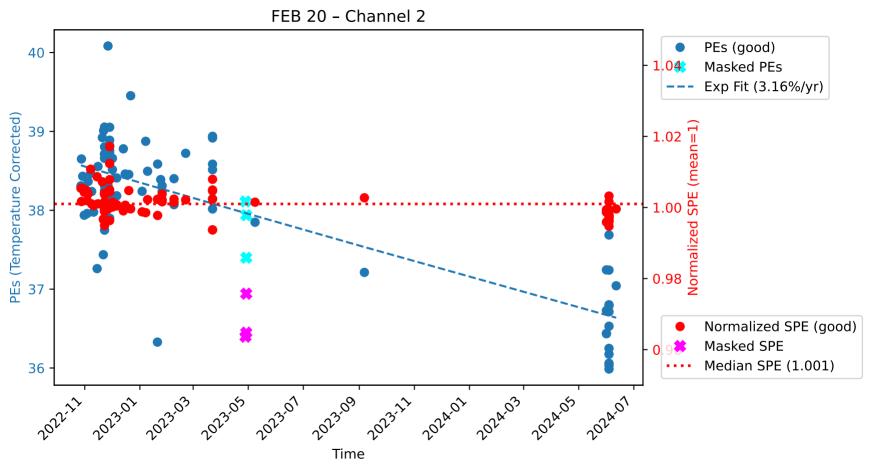
FEB 14 - Channel 61 PEs (good) 40 **- 1.04** Masked PEs Exp Fit (3.28%/yr) (Temperature Corrected) 1.02 30 20 .0 86.0 Normalized H 10 Normalized SPE (good) Masked SPE Median SPE (1.000) 0

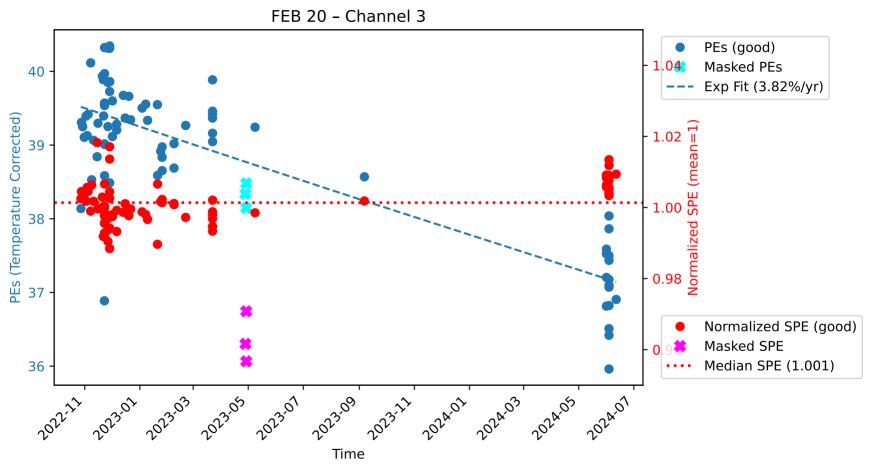
FEB 14 - Channel 62 PEs (good) 40 **- 1.04** Masked PEs Exp Fit (2.85%/yr) (Temperature Corrected) 1.02 30 20 .0 86.0 Normalized H 10 Normalized SPE (good) Masked SPE Median SPE (1.000) 0

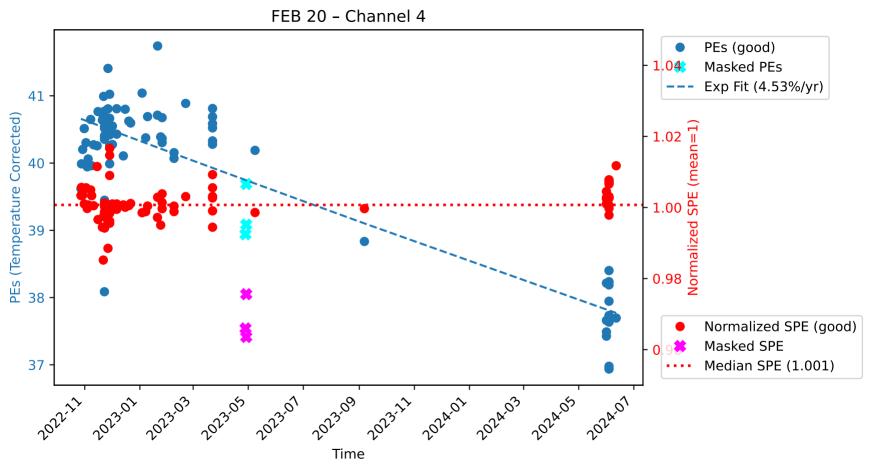
FEB 14 - Channel 63 PEs (good) 40 - 1.04° Masked PEs Exp Fit (1.37%/yr) (Temperature Corrected) 1.02 30 1.00 🖔 20 10 Normalized SPE (good) Masked SPE Median SPE (1.001) 0

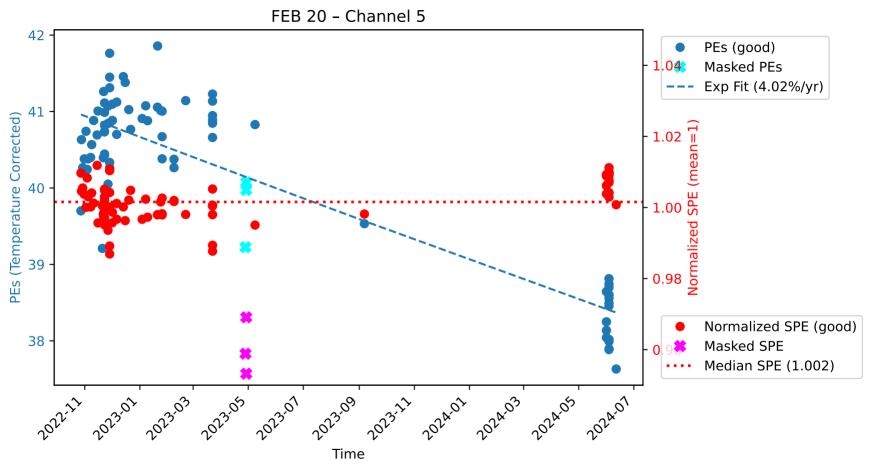


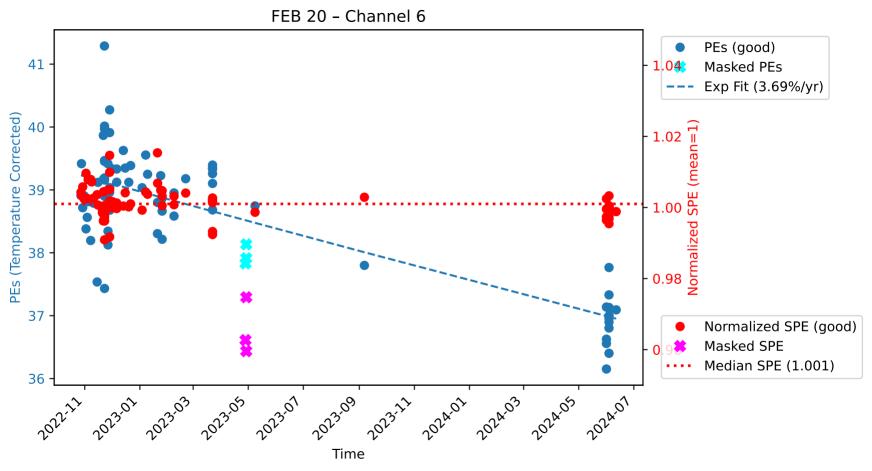


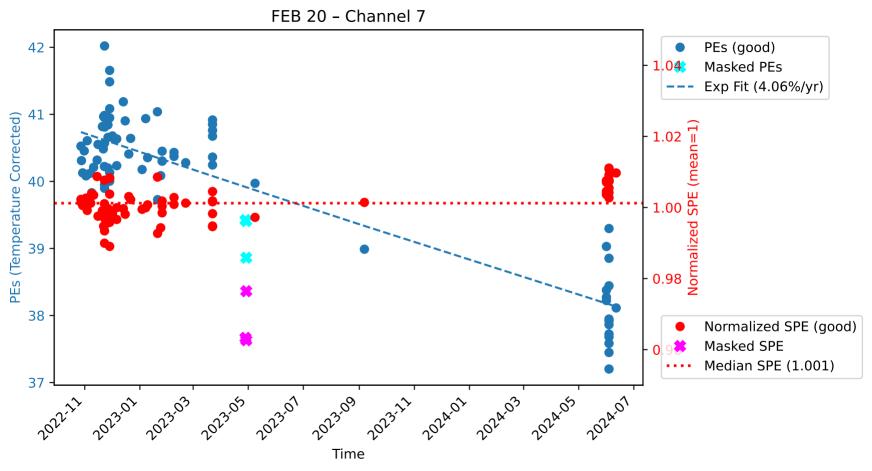


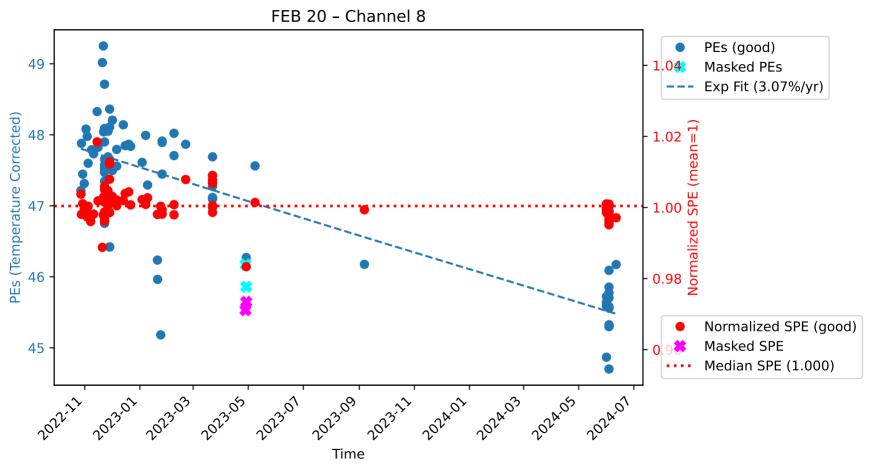


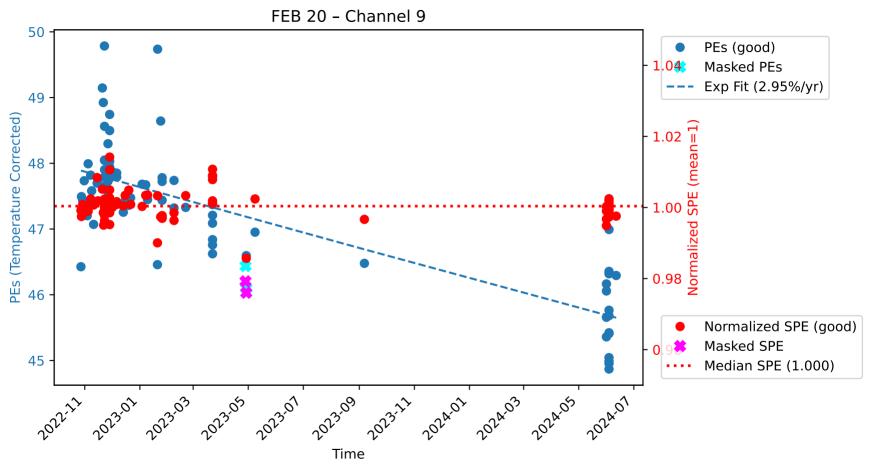


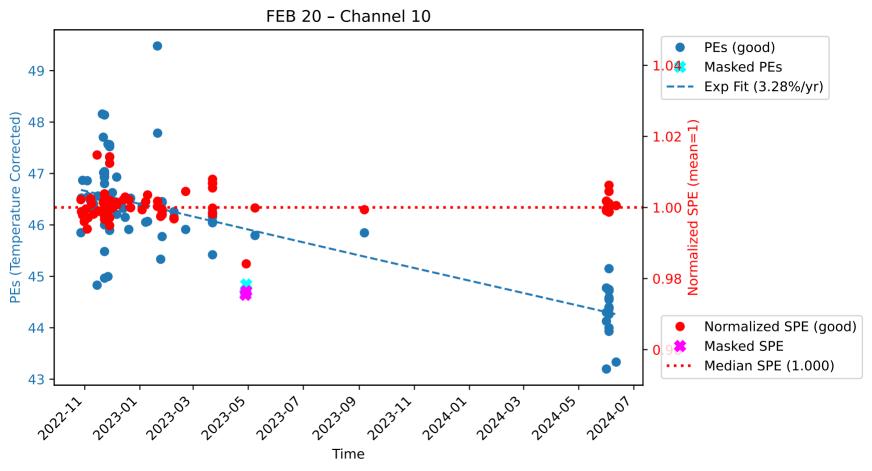


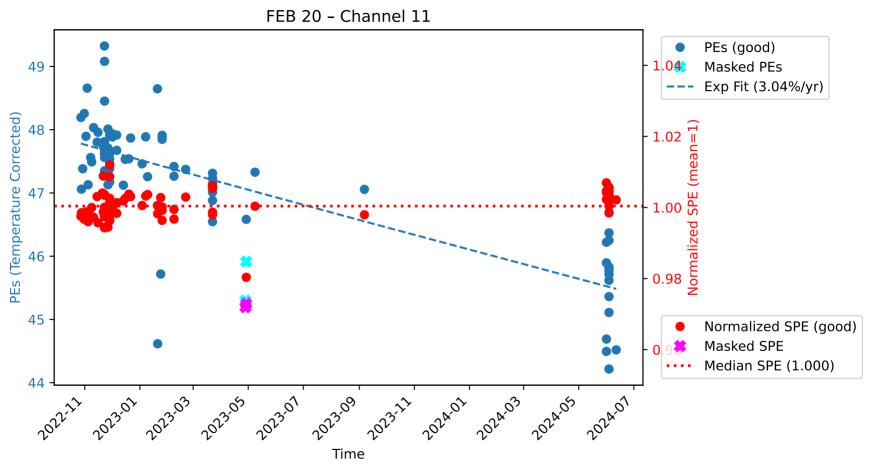


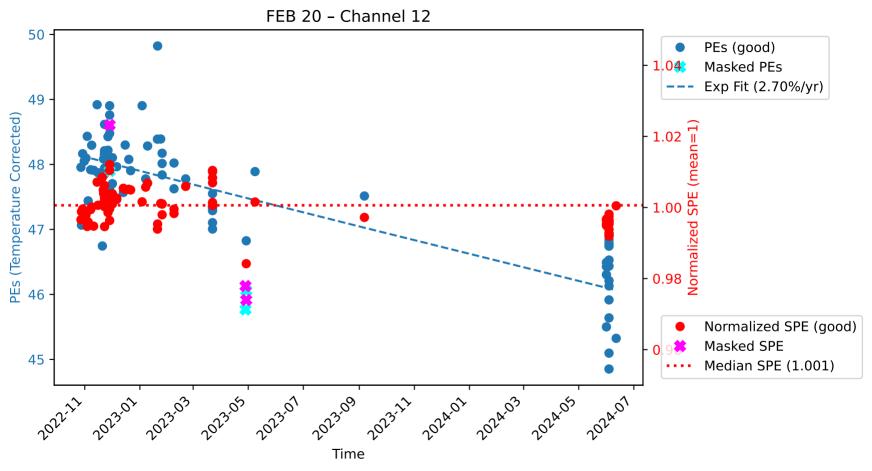


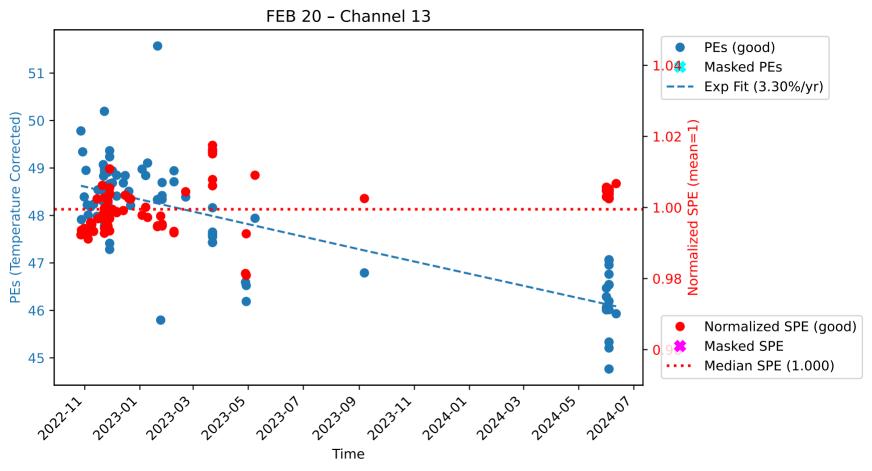


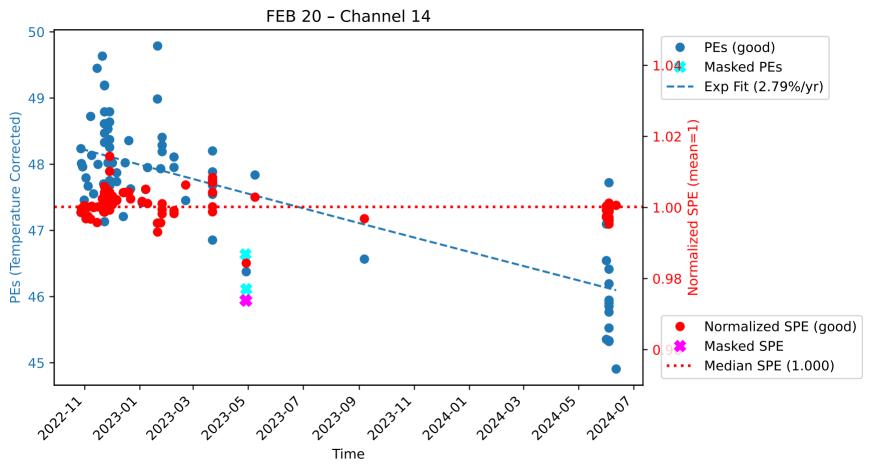


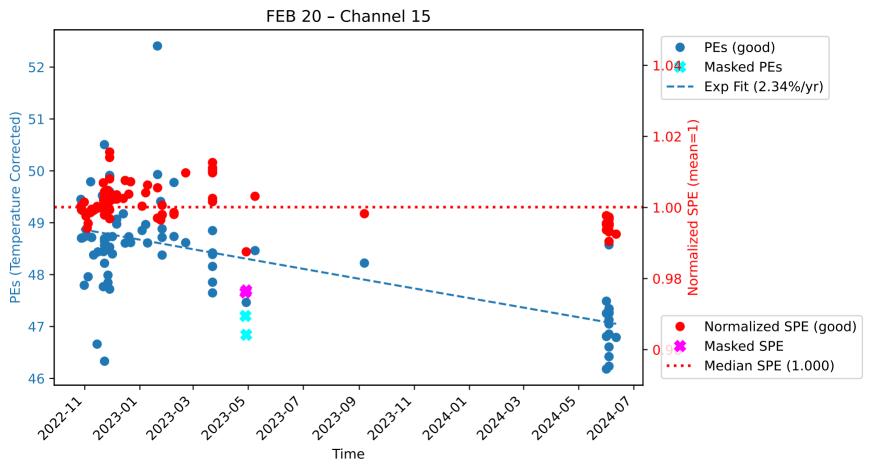


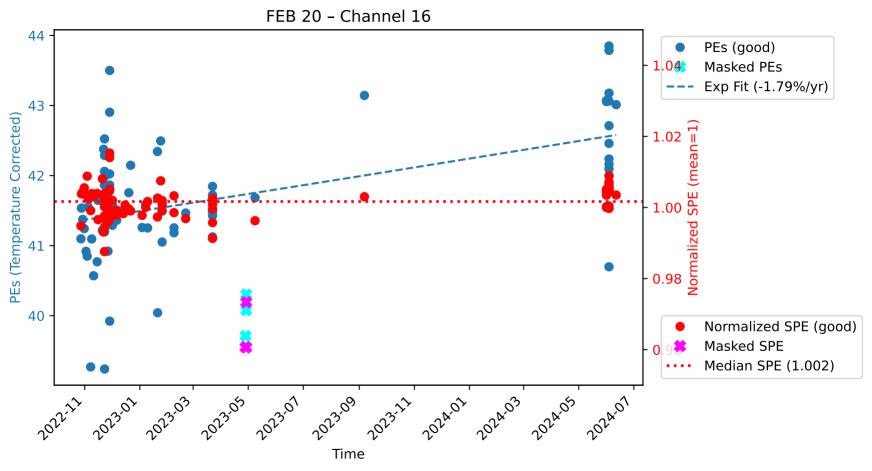


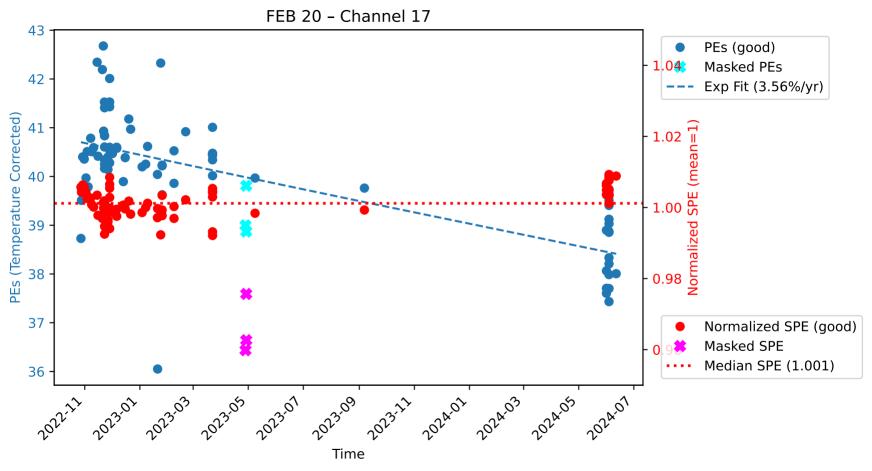


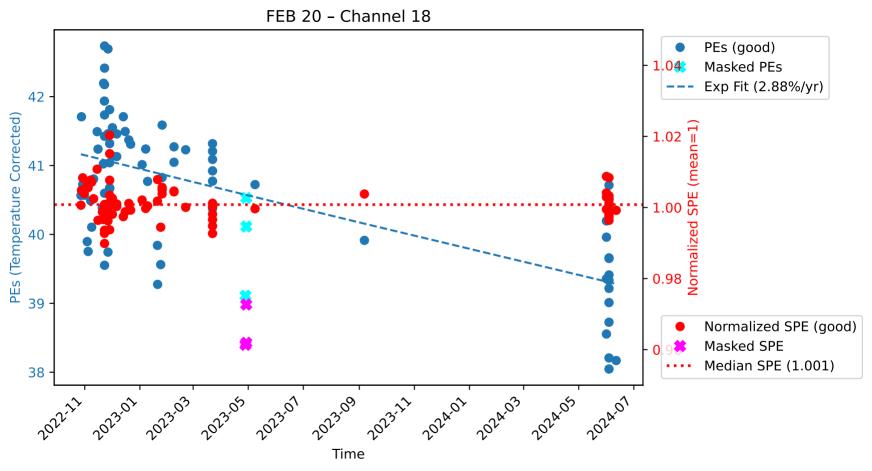




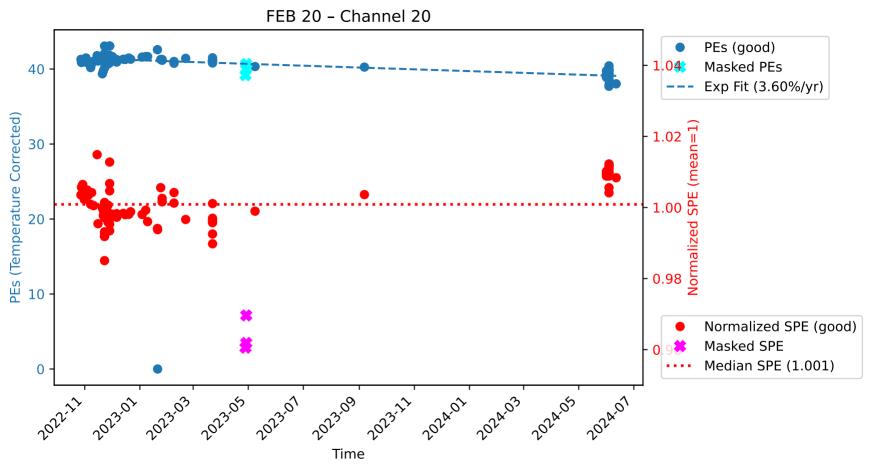


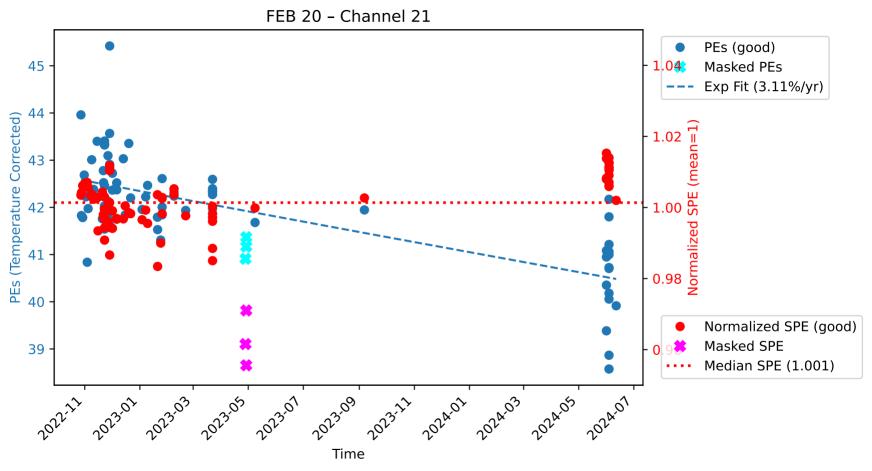


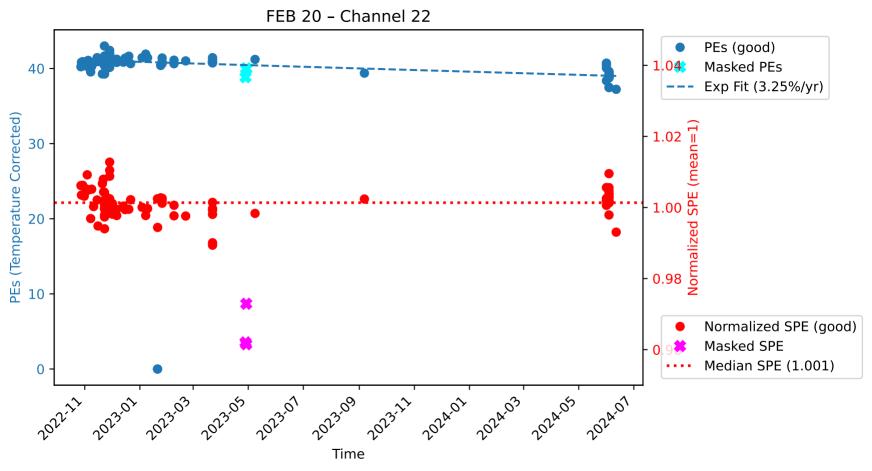


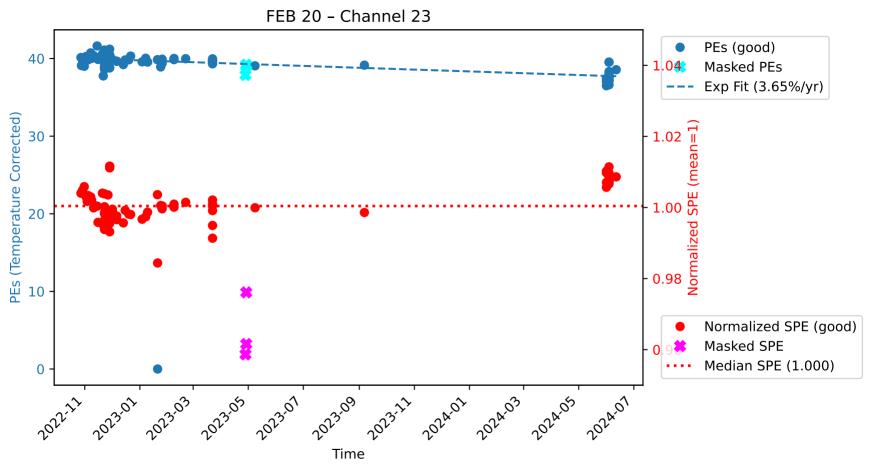


FEB 20 - Channel 19 40 PEs (good) - 1.04 Masked PEs 35 Exp Fit (3.98%/yr) (Temperature Corrected) 30 1.02 25 20 1.00 .0 86.0 Normalized 15 10 Normalized SPE (good) 5 Masked SPE Median SPE (0.998) 0

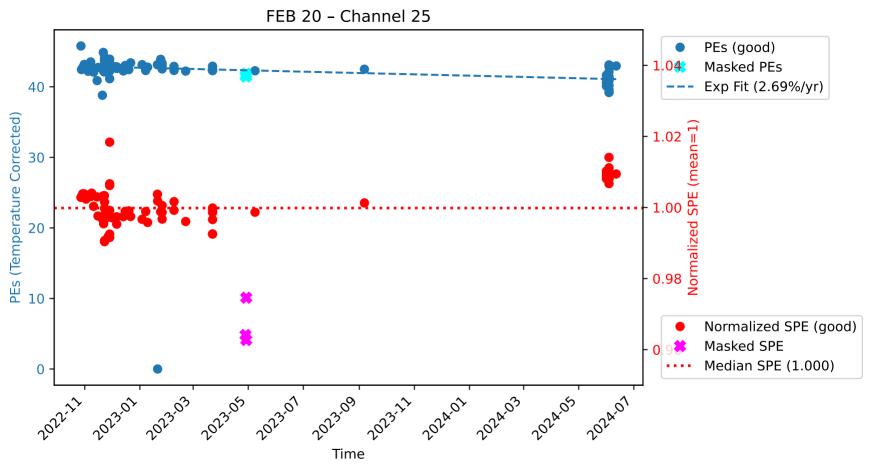


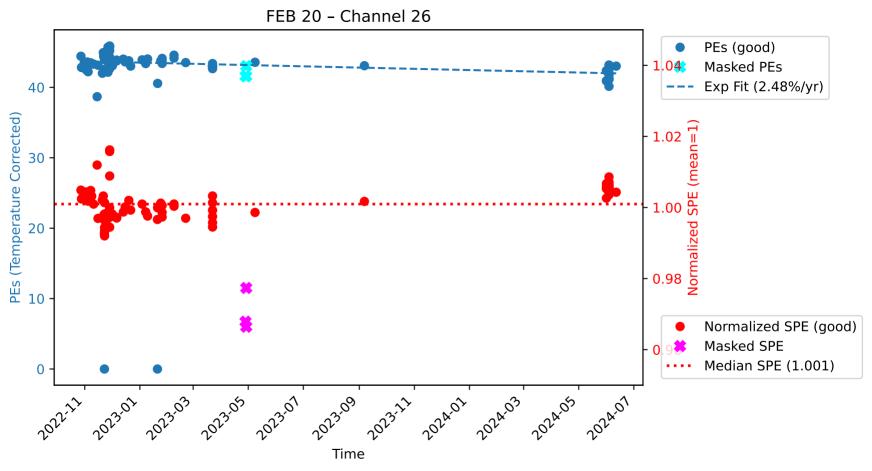


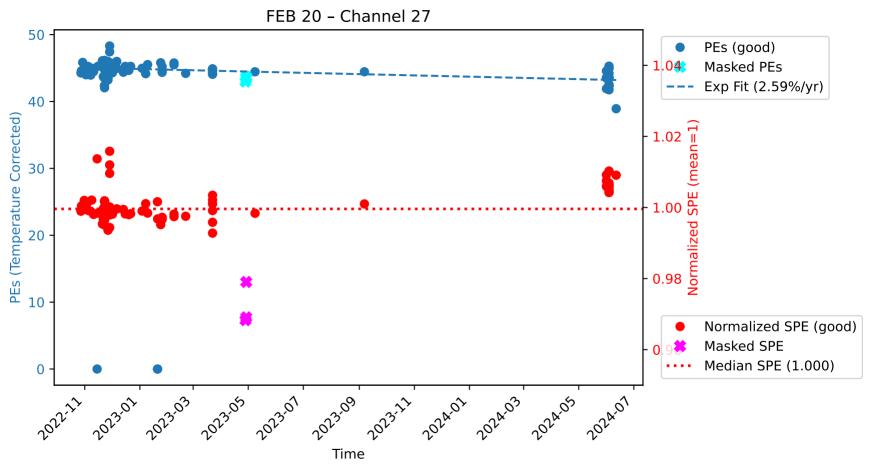


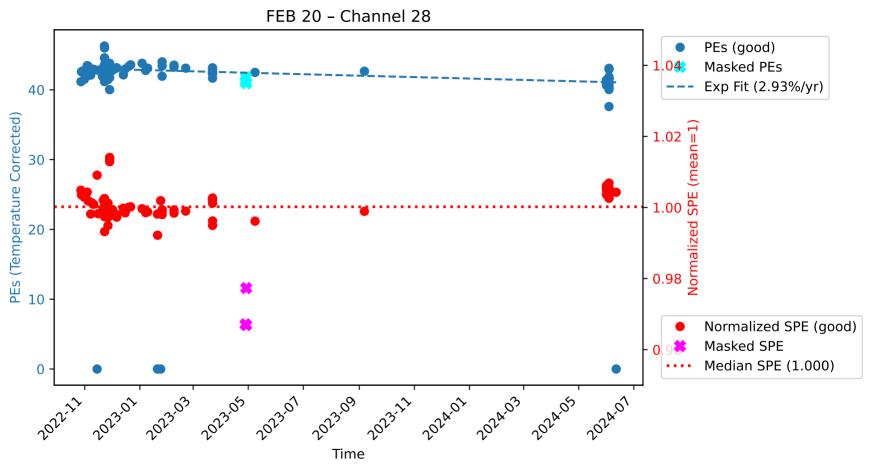


FEB 20 - Channel 24 PEs (good) - 1.04° Masked PEs Exp Fit (2.74%/yr) 40 PEs (Temperature Corrected) 1.02 1.00 .0 86.0 Normalized Normalized SPE (good) Masked SPE Median SPE (1.000) 0

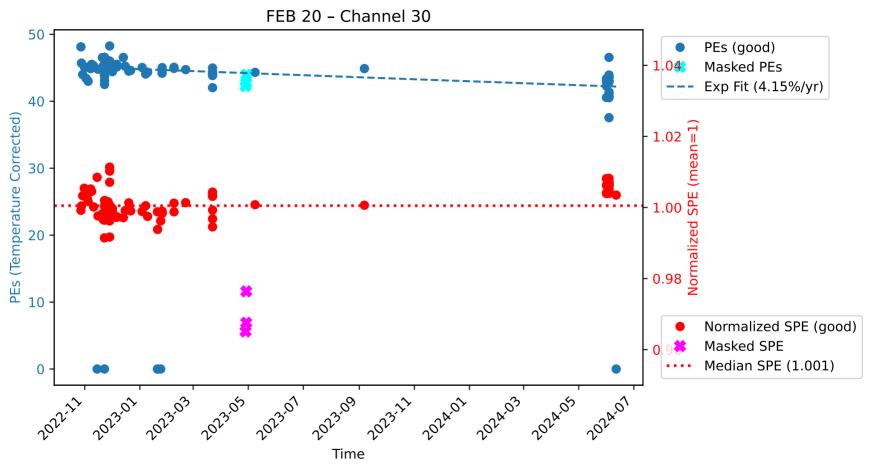




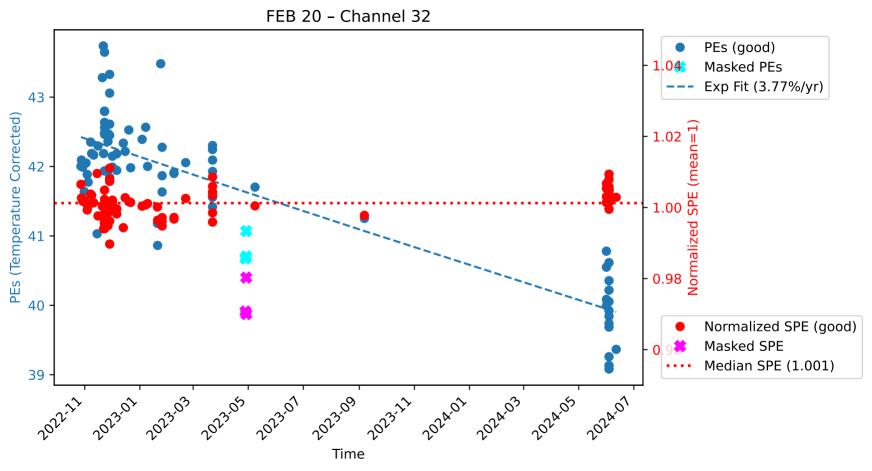


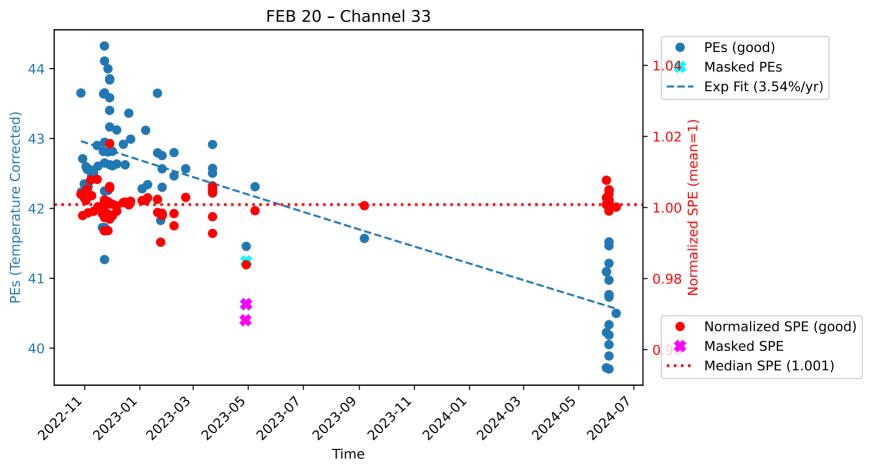


FEB 20 - Channel 29 PEs (good) - 1.04 Masked PEs 40 Exp Fit (3.10%/yr) PEs (Temperature Corrected)
0 1.02 20 Normalized SPE (good) Masked SPE Median SPE (1.001) 0

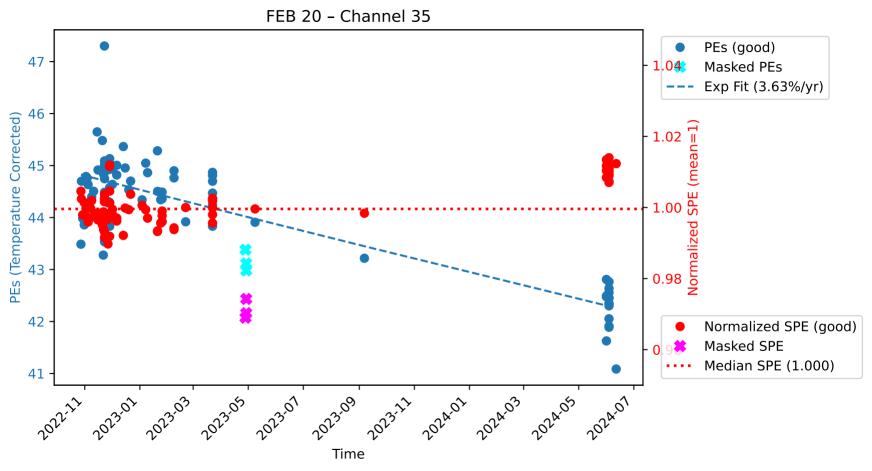


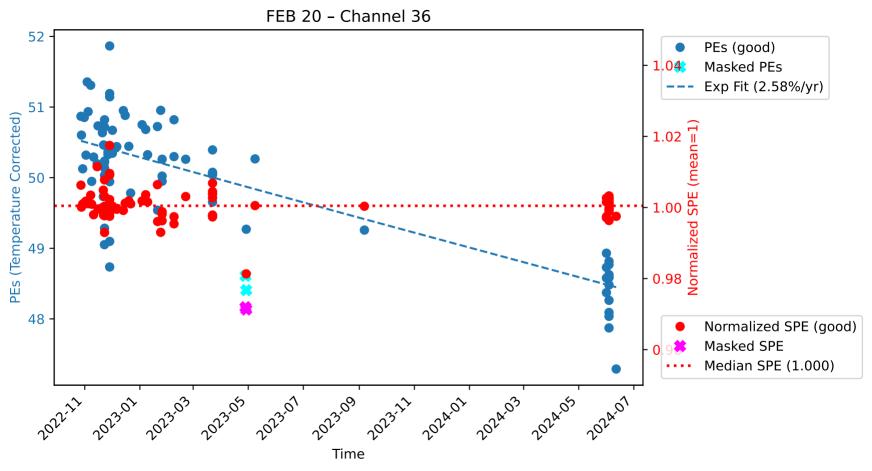
FEB 20 - Channel 31 PEs (good) 1.04 Masked PEs 40 Exp Fit (2.89%/yr) PEs (Temperature Corrected) 1.02 1.00 .0 86.0 Normalized Normalized SPE (good) Masked SPE Median SPE (1.001) 0

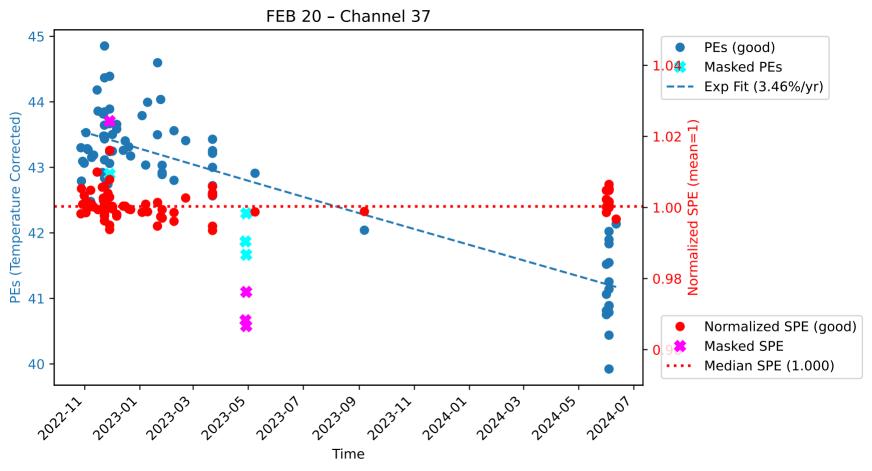




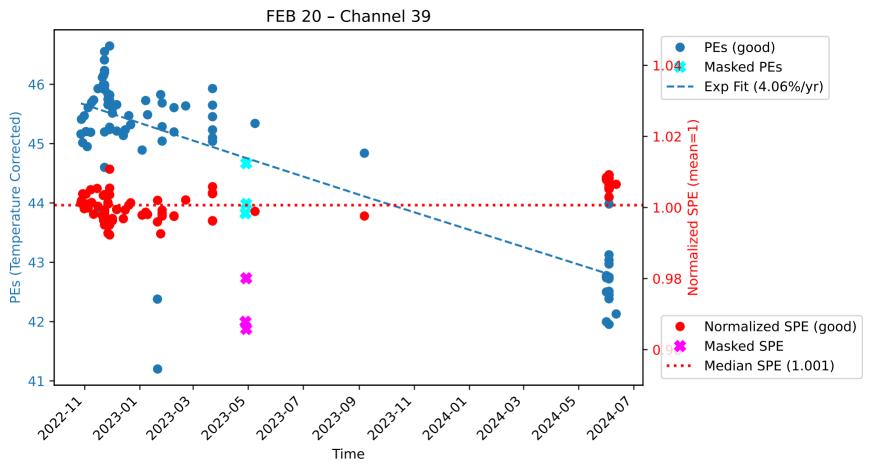
FEB 20 - Channel 34 47.0 PEs (good) - 1.04 Masked PEs 46.5 Exp Fit (2.81%/yr) (Temperature Corrected) 46.0 45.5 44.5 - 1.02 **-** 1.00 .0 86.0 Normalized 44.0 43.5 Normalized SPE (good) Masked SPE 43.0 Median SPE (1.001) 2012-12 2013-02 2013-05 2013-07 2013-07 2013-12 2014-03 2014-05 2014-07 Time

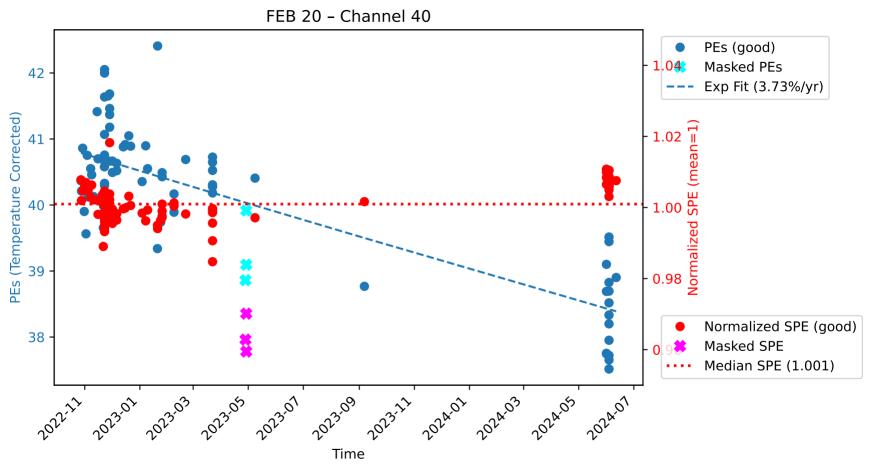


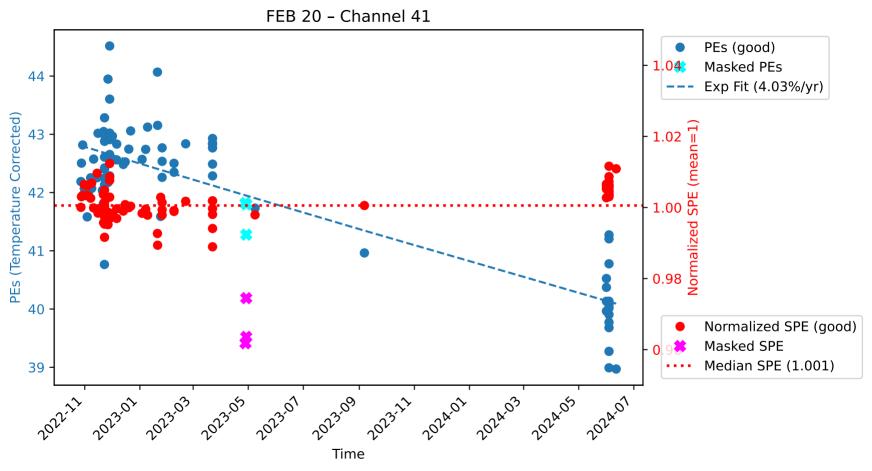


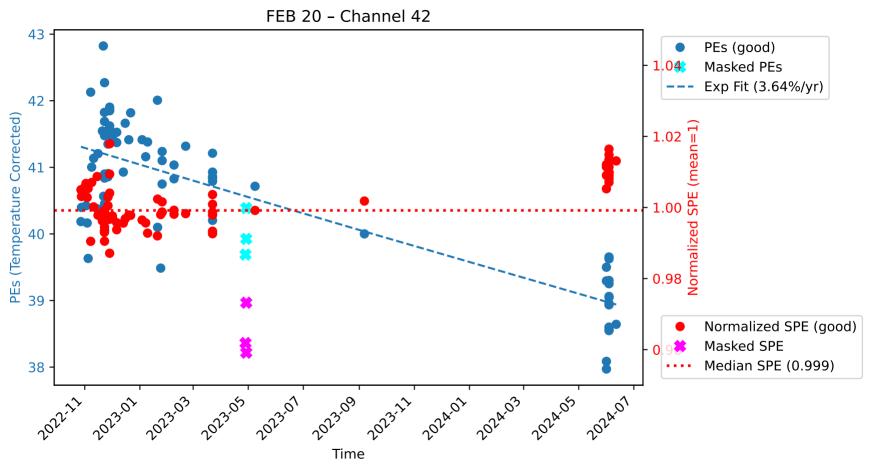


FEB 20 - Channel 38 46.5 PEs (good) 1.04 Masked PEs 46.0 Exp Fit (3.05%/yr) (Temperature Corrected) 45.5 - 1.02 45.0 44.5 -0.0 86 Normalized 44.0 S 43.5 Normalized SPE (good) 43.0 Masked SPE Median SPE (1.000) 42.5 20271 2023-01 2023-03 2023-05 2023-01 2023-01 2024-01 2024-03 2024-01 Time

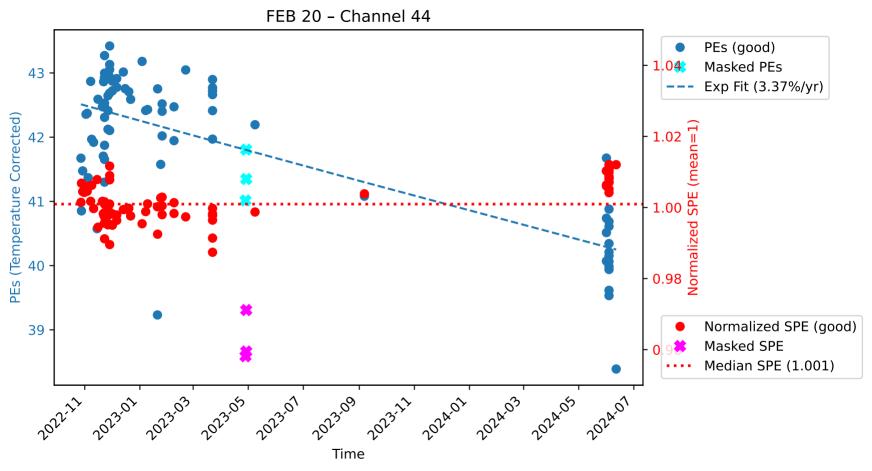


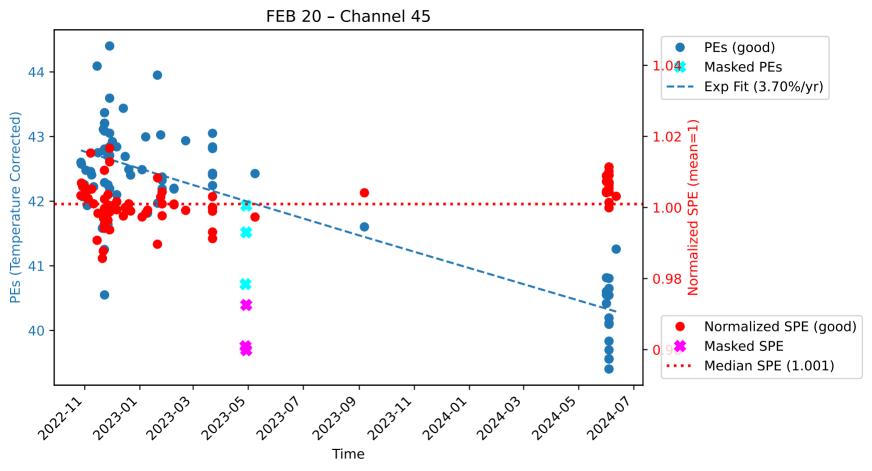




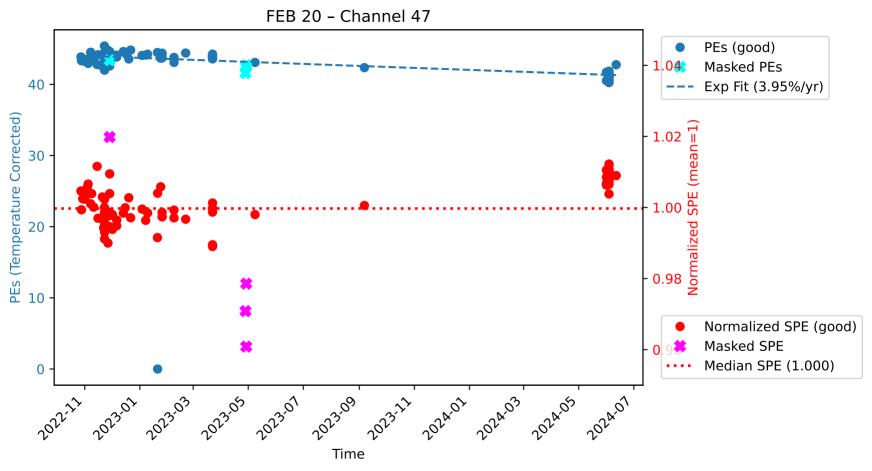


FEB 20 - Channel 43 PEs (good) 41.0 1.04 Masked PEs Exp Fit (2.91%/yr) 40.5 (Temperature Corrected) - 1.02 40.0 39.5 1.00 g .0 86 Normalized 39.0 38.5 PEs 38.0 Normalized SPE (good) Masked SPE 37.5 Median SPE (1.002) 2022-12 2023-03 2023-05 2023-07 2023-05 2023-12 2024-03 2024-05 2024-07 Time

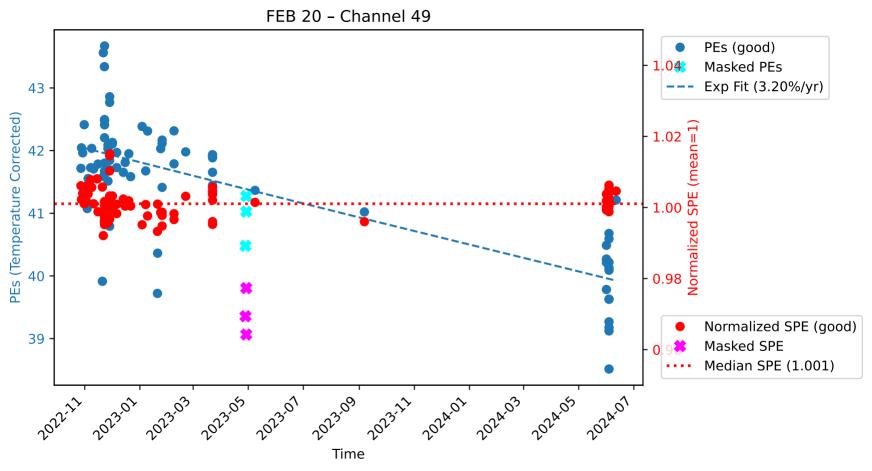


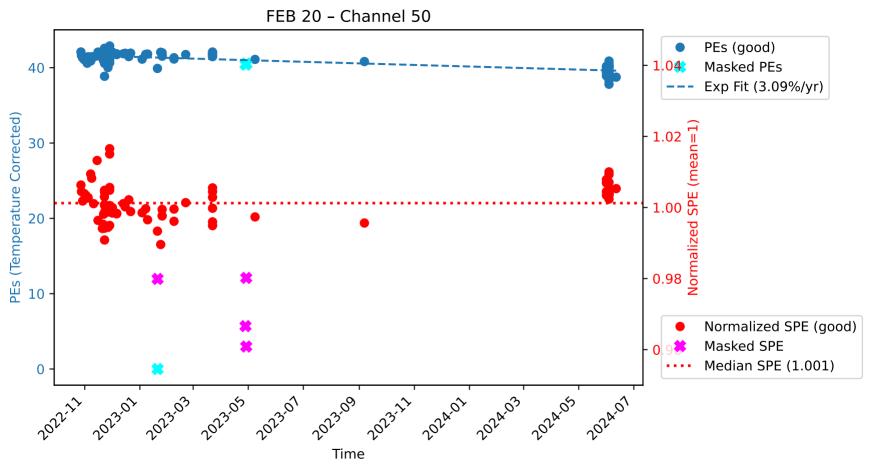


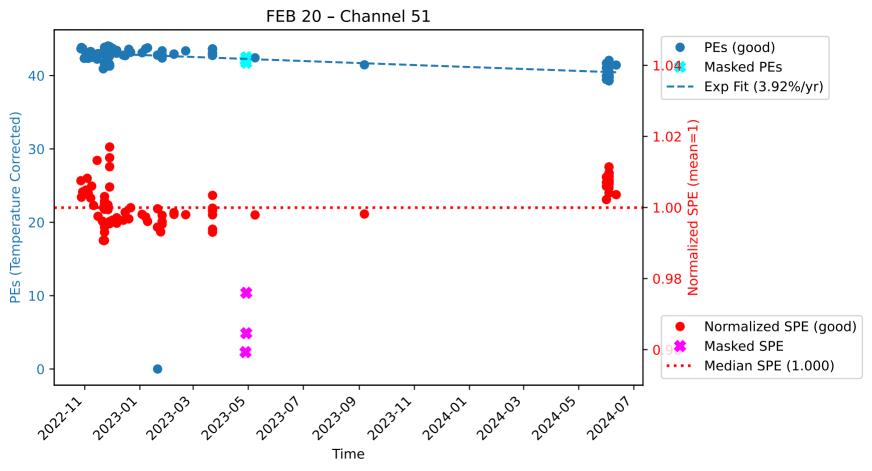
FEB 20 - Channel 46 PEs (good) - 1.04° Masked PEs 40 Exp Fit (2.60%/yr) (Temperature Corrected) - 1.02 30 1.00 20 -86.0 Normalized PES 10 Normalized SPE (good) Masked SPE Median SPE (1.001) 0



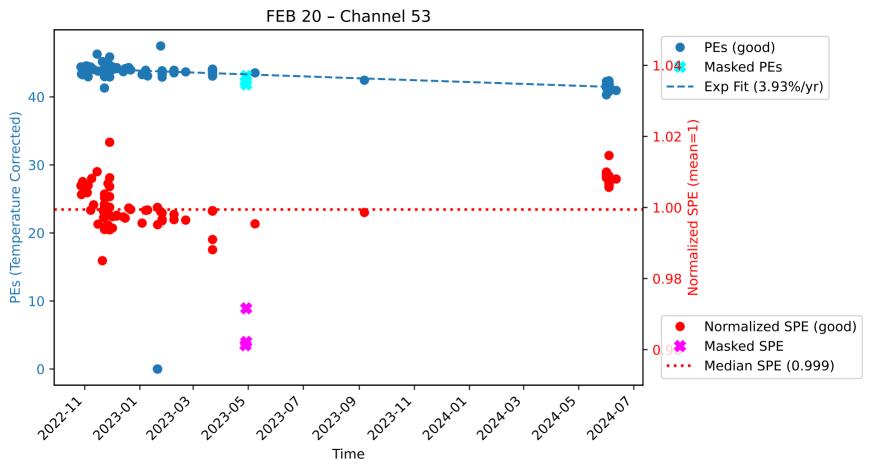
FEB 20 - Channel 48 PEs (good) - 1.04 Masked PEs 40 Exp Fit (3.36%/yr) (Temperature Corrected) 1.02 30 1.00 .0 86.0 Normalized 20 BES 10 Normalized SPE (good) Masked SPE Median SPE (1.002) 0





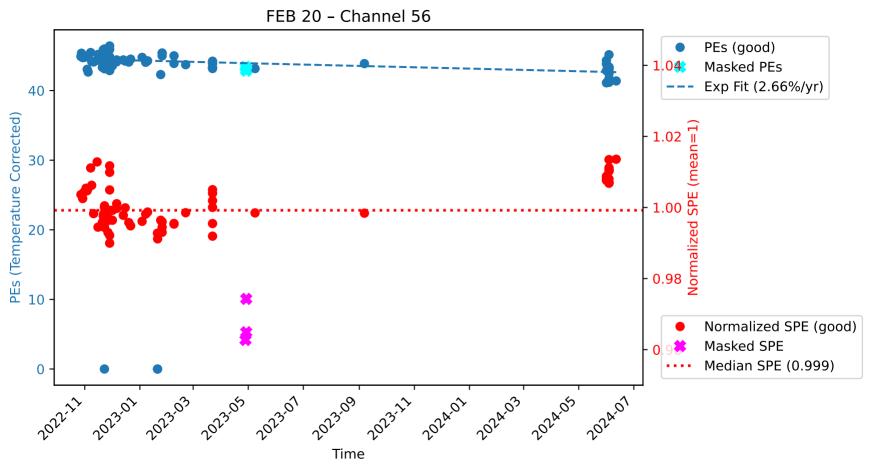


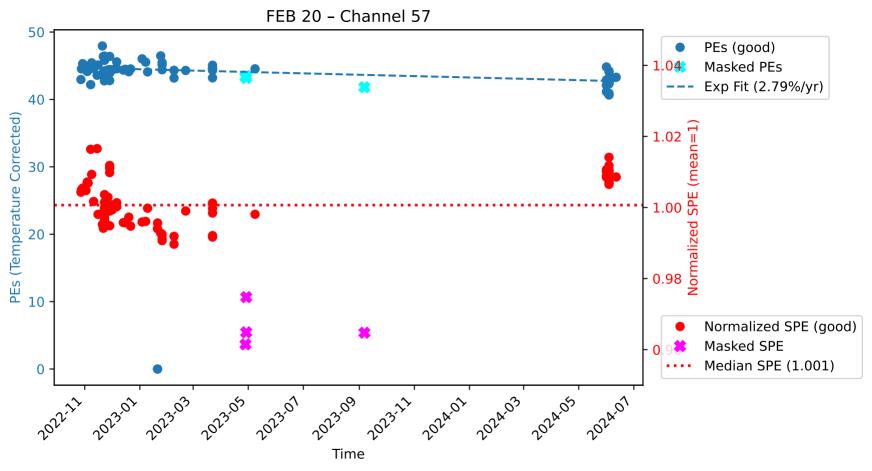
FEB 20 - Channel 52 50 PEs (good) Masked PEs Exp Fit (3.43%/yr) 40 (Temperature Corrected) 1.02 30 .0 86.0 Normalized 20 PEs 10 Normalized SPE (good) Masked SPE Median SPE (1.001) 0



FEB 20 - Channel 54 PEs (good) - 1.04 Masked PEs 40 Exp Fit (2.69%/yr) (Temperature Corrected) 1.02 30 20 PEs 10 Normalized SPE (good) Masked SPE Median SPE (1.000) 0

FEB 20 - Channel 55 PEs (good) - 1.04 Masked PEs 40 Exp Fit (3.40%/yr) (Temperature Corrected) 1.02 30 .0 86.0 Normalized 20 PEs 10 Normalized SPE (good) Masked SPE Median SPE (1.000) 0



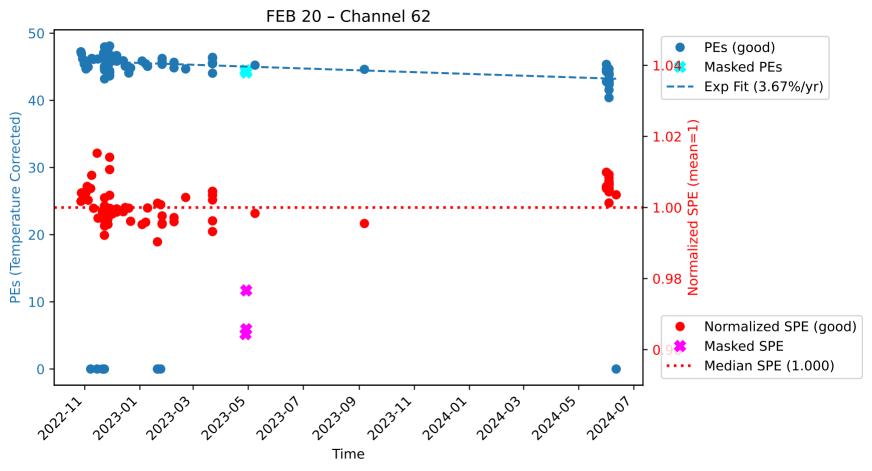


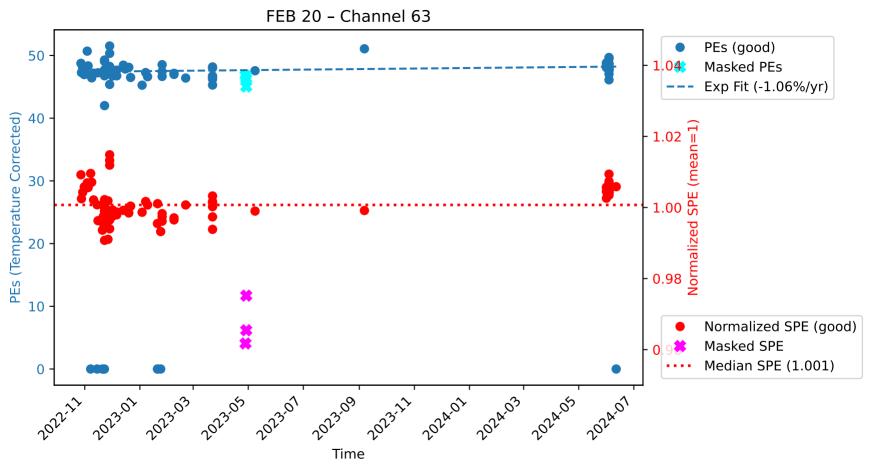
FEB 20 - Channel 58 PEs (good) 50 - 1.04 Masked PEs Exp Fit (2.27%/yr) 40 PEs (Temperature Corrected) 1.02 30 .0 86.0 Normalized 20 10 Normalized SPE (good) Masked SPE Median SPE (1.000) 0

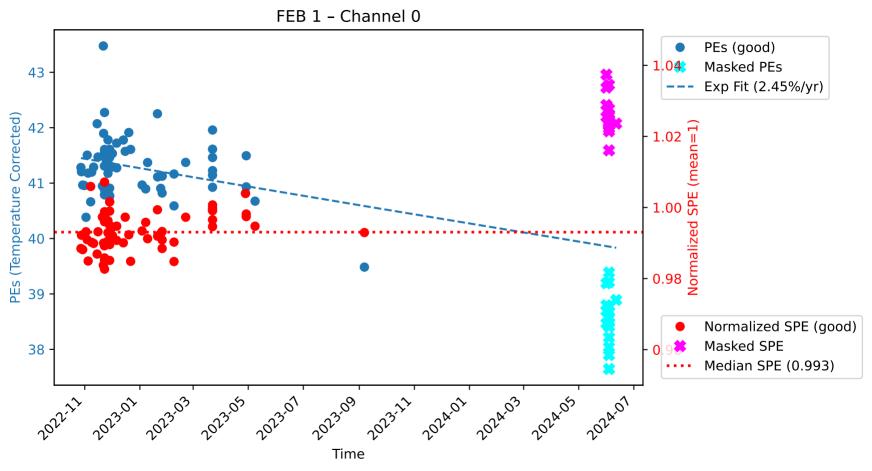
FEB 20 - Channel 59 50 PEs (good) **- 1.04** Masked PEs Exp Fit (3.02%/yr) 40 PEs (Temperature Corrected) 1.02 - 1.00 .0 86.0 Normalized Normalized SPE (good) Masked SPE Median SPE (1.000) 0 2022-12 2023-02 2023-03 2023-03 2023-03 2023-12 2024-03 2024-03 2024-03

FEB 20 - Channel 60 PEs (good) Masked PEs Exp Fit (1.71%/yr) 40 PEs (Temperature Corrected) 1.02 -86.0 Normalized 20 Normalized SPE (good) Masked SPE Median SPE (0.999) 0

FEB 20 - Channel 61 PEs (good) 50 **- 1.04** Masked PEs Exp Fit (3.56%/yr) (Temperature Corrected) 40 1.02 30 1.00 .0 86.0 Normalized 20 10 Normalized SPE (good) Masked SPE Median SPE (1.000) 0

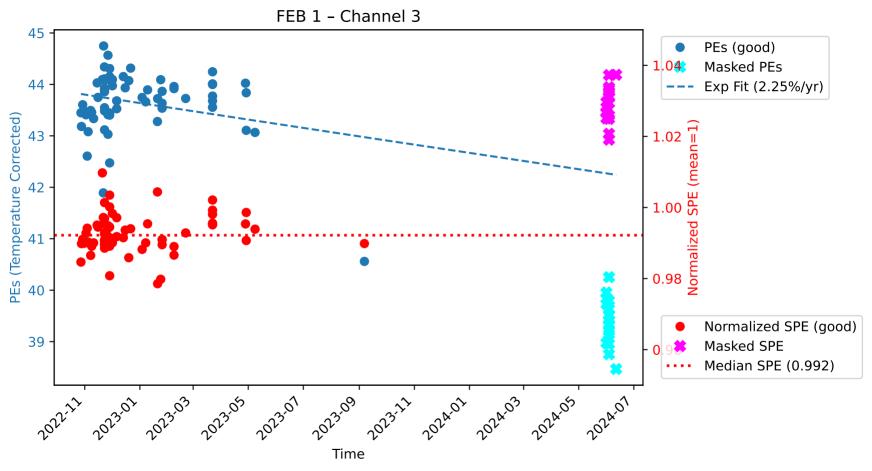






FEB 1 - Channel 1 PEs (good) 41 - 1.04 Masked PEs Exp Fit (1.25%/yr) (Temperature Corrected) 40 1.02 39 - 1.00 g -0.0 86 Normalized 38 S 37 Normalized SPE (good) 36 Masked SPE Median SPE (0.992) 2022-12 2023-02 2023-03 2023-03 2023-03 2023-12 2024-03 2024-03 2024-03

FEB 1 - Channel 2 PEs (good) 43 - 1.04 Masked PEs Exp Fit (0.94%/yr) 42 (Temperature Corrected) 1.02 - 1.00 S 40 .0 86 Normalized 39 Normalized SPE (good) 38 Masked SPE Median SPE (0.993) 2022-12 2023-03 2023-05 2023-01 2023-03 2023-12 2024-03 2024-03 2024-03



FEB 1 - Channel 4 45 PEs (good) - 1.04 Masked PEs Exp Fit (2.80%/yr) 44 (Temperature Corrected) 1.02 43 - 1.00 S . 0.0 86 Normalized 42 41 Normalized SPE (good) 40 Masked SPE Median SPE (0.993) 2022-12 2023-03 2023-05 2023-01 2023-03 2023-12 2024-03 2024-03 2024-03

FEB 1 - Channel 5 PEs (good) 42 - 1.04 Masked PEs Exp Fit (3.43%/yr) (Temperature Corrected) 41 1.02 40 - 1.00 g -0.0 86 Normalized 39 38 Normalized SPE (good) Masked SPE Median SPE (0.992) 37 2012-12 2013-02 2013-03 2013-05 2013-01 2013-02 2013-12 2014-03 2014-03 2014-03

FEB 1 - Channel 6 PEs (good) 43 - 1.04 Masked PEs Exp Fit (1.52%/yr) 42 1.02 41 - 1.00 S 40 .0 86 Normalized 38 Normalized SPE (good) Masked SPE Median SPE (0.992) 37 202.12 202.03 202.03 202.05 202.01 202.09 202.12 202.03 202.05 202.01

FEB 1 - Channel 7 42 PEs (good) - 1.04 Masked PEs Exp Fit (0.54%/yr) 41 (Temperature Corrected) 1.02 40 - 1.00 S -86.0 Normalized 39 PEs (38 Normalized SPE (good) Masked SPE Median SPE (0.991) 37 202.11 202301 2023.03 2023.05 2023.01 2023.03 2024.03 2024.03 2024.03

FEB 1 - Channel 8 PEs (good) - 1.04 Masked PEs 50 Exp Fit (2.10%/yr) (Temperature Corrected) 49 -1.02 - 1.00 S 48 -0.0 86 Normalized 47 Normalized SPE (good) 46 Masked SPE Median SPE (0.993) 2022-12 2023-03 2023-05 2023-01 2023-03 2023-12 2024-03 2024-03 2024-03

FEB 1 - Channel 9 PEs (good) - 1.04 Masked PEs Exp Fit (2.47%/yr) 50 (Temperature Corrected) 1.02 49 - 1.00 g 48 -86 Normalized 47 Normalized SPE (good) 46 Masked SPE Median SPE (0.994) 2022-12 2023-02 2023-03 2023-03 2023-03 2023-03 2024-03 2024-03 2024-03

FEB 1 - Channel 10 53 PEs (good) - 1.04° Masked PEs Exp Fit (2.70%/yr) 52 (Temperature Corrected) 1.02 51 50 - 1.00 S -0.0 86 Normalized 49 48 Normalized SPE (good) 47 Masked SPE Median SPE (0.997) 2022-12 2023-03 2023-05 2023-01 2023-03 2023-12 2024-03 2024-03 2024-03

FEB 1 - Channel 11 PEs (good) 49 1.04 Masked PEs Exp Fit (2.58%/yr) (Temperature Corrected) 48 1.02 - 1.00 g 47 -86 Normalized 46 Normalized SPE (good) 45 Masked SPE Median SPE (0.994) 2022-12 2023-02 2023-03 2023-03 2023-03 2023-12 2024-03 2024-03 2024-03

FEB 1 - Channel 12 PEs (good) - 1.04 Masked PEs 50 Exp Fit (2.04%/yr) PEs (Temperature Corrected) 40 1.02 30 - 1.00 g .0 86 Normalized 20 10 Normalized SPE (good) Masked SPE Median SPE (0.994) 0

FEB 1 - Channel 13 PEs (good) 50 **- 1.04** Masked PEs Exp Fit (3.26%/yr) PEs (Temperature Corrected) 40 1.02 30 - 1.00 S . 86.0 Normalized 20 10 Normalized SPE (good) Masked SPE Median SPE (0.995) 0

FEB 1 - Channel 14 PEs (good) 50 - 1.04 Masked PEs Exp Fit (2.64%/yr) PEs (Temperature Corrected) 40 1.02 30 - 1.00 g .0 86 Normalized 20 10 Normalized SPE (good) Masked SPE Median SPE (0.993) 0

FEB 1 - Channel 15 PEs (good) 50 - 1.04 Masked PEs Exp Fit (2.39%/yr) (Temperature Corrected) 40 1.02 30 - 1.00 S .0 86 Normalized 20 10 Normalized SPE (good) Masked SPE Median SPE (0.993) 0

FEB 1 - Channel 16 PEs (good) - 1.04 Masked PEs 40 Exp Fit (0.17%/yr) PEs (Temperature Corrected)
0 0 0 1.02 30 - 1.00 S 20 .0 86 Normalized Normalized SPE (good) Masked SPE Median SPE (0.991) 0

FEB 1 - Channel 17 PEs (good) **- 1.04** Masked PEs 40 Exp Fit (2.45%/yr) PEs (Temperature Corrected) 1.02 - 1.00 S Normalized SPE (good) Masked SPE Median SPE (0.993) 0

FEB 1 - Channel 18 PEs (good) **- 1.04** Masked PEs 40 Exp Fit (2.97%/yr) (Temperature Corrected) 1.02 30 - 1.00 S 20 .0 86 Normalized BES 10 Normalized SPE (good) Masked SPE Median SPE (0.992) 0

FEB 1 - Channel 19 PEs (good) 40 - 1.04 Masked PEs Exp Fit (1.17%/yr) (Temperature Corrected) 30 1.02 - 1.00 S 20 .0 86 Normalized 10 Normalized SPE (good) Masked SPE Median SPE (0.993) 0

FEB 1 - Channel 20 PEs (good) - 1.04 Masked PEs 40 Exp Fit (1.13%/yr) PEs (Temperature Corrected)
0 1.02 30 - 1.00 S .0 86 Normalized Normalized SPE (good) Masked SPE Median SPE (0.991) 0

FEB 1 - Channel 21 PEs (good) - 1.04° Masked PEs 40 Exp Fit (2.41%/yr) PEs (Temperature Corrected)
0 1.02 - 1.00 S . .0 .0 .0 20 Normalized SPE (good) Masked SPE Median SPE (0.993) 0

FEB 1 - Channel 22 PEs (good) - 1.04 Masked PEs 40 Exp Fit (2.62%/yr) (Temperature Corrected) 1.02 30 - 1.00 S .0 86 Normalized 20 PES 10 Normalized SPE (good) Masked SPE Median SPE (0.991) 0

FEB 1 - Channel 23 PEs (good) - 1.04 Masked PEs 40 Exp Fit (0.47%/yr) PEs (Temperature Corrected) 1.02 - 1.00 S .0 86.0 Normalized Normalized SPE (good) Masked SPE Median SPE (0.994) 0

FEB 1 - Channel 24 PEs (good) - 1.04 Masked PEs Exp Fit (2.09%/yr) 40 (Temperature Corrected) 1.02 30 - 1.00 g .0 86 Normalized 20 PEs 10 Normalized SPE (good) Masked SPE Median SPE (0.993) 0

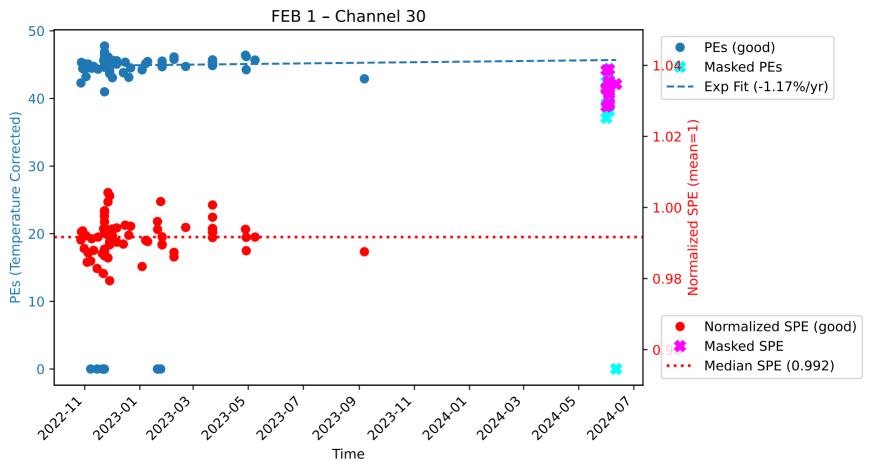
FEB 1 - Channel 25 PEs (good) - 1.04 Masked PEs 40 Exp Fit (2.90%/yr) (Temperature Corrected) 1.02 30 - 1.00 S . .0 .0 .0 20 PEs 10 Normalized SPE (good) Masked SPE Median SPE (0.992) 0

FEB 1 - Channel 26 PEs (good) - 1.04 Masked PEs Exp Fit (-0.12%/yr) 40 PEs (Temperature Corrected) 1.02 - 1.00 S .0 86 Normalized 20 Normalized SPE (good) Masked SPE Median SPE (0.992) 0

FEB 1 - Channel 27 50 PEs (good) **- 1.04** Masked PEs Exp Fit (1.72%/yr) 40 PEs (Temperature Corrected)
0 1.02 - 1.00 S .0 86 Normalized Normalized SPE (good) Masked SPE Median SPE (0.993) 0

FEB 1 - Channel 28 PEs (good) **- 1.04** Masked PEs Exp Fit (2.16%/yr) 40 PEs (Temperature Corrected) 1.02 - 1.00 S Normalized SPE (good) Masked SPE Median SPE (0.993)

FEB 1 - Channel 29 50 PEs (good) **- 1.04** Masked PEs Exp Fit (3.34%/yr) 40 PEs (Temperature Corrected) 1.02 - 1.00 S .0 86 Normalized Normalized SPE (good) Masked SPE Median SPE (0.993) 0



FEB 1 - Channel 31 PEs (good) - 1.04° Masked PEs Exp Fit (0.33%/yr) 40 PEs (Temperature Corrected) 1.02 - 1.00 S Normalized SPE (good) Masked SPE Median SPE (0.994) 0

FEB 1 - Channel 32 PEs (good) 1.04 Masked PEs 43 Exp Fit (3.84%/yr) (Temperature Corrected) - 1.02 42 41 -86 8 Normalized PEs (Normalized SPE (good) Masked SPE 39 Median SPE (1.000) 2022-12 2023-03 2023-05 2023-01 2023-03 2023-12 2024-03 2024-03 2024-03

FEB 1 - Channel 33 PEs (good) 43 1.04 Masked PEs Exp Fit (3.39%/yr) (Temperature Corrected) 42 - 1.02 41 -86.0 Normalized 40 Normalized SPE (good) 39 Masked SPE Median SPE (1.000) 2022-12 2023-03 2023-05 2023-01 2023-03 2023-12 2024-03 2024-03 2024-03

FEB 1 - Channel 34 PEs (good) - 1.04 Masked PEs Exp Fit (2.95%/yr) 43 (Temperature Corrected) - 1.02 42 41 -86 8 Normalized 40 39 Normalized SPE (good) Masked SPE Median SPE (0.999) 38 202.12 2023.02 2023.03 2023.03 2023.03 2023.03 2024.03 2024.03 2024.03

FEB 1 - Channel 35 PEs (good) 1.04 Masked PEs 44 Exp Fit (3.21%/yr) PEs (Temperature Corrected) 43 - 1.02 42 - 1.00 -86.0 Normalized 41 40 Normalized SPE (good) Masked SPE Median SPE (1.001) 39 202.11 2023.01 2023.03 2023.05 2023.01 2023.03 2023.11 2024.03 2024.05 2024.01

FEB 1 - Channel 36 44 PEs (good) - 1.04 Masked PEs Exp Fit (3.57%/yr) 43 (Temperature Corrected) - 1.02 42 41 - 1.00 -86 8 Normalized 40 PEs 39 Normalized SPE (good) Masked SPE 38 Median SPE (1.000) 2022-12 2023-03 2023-03 2023-03 2023-03 2023-12 2024-03 2024-03 2024-03

FEB 1 - Channel 37 PEs (good) 42 - 1.04 Masked PEs Exp Fit (2.97%/yr) (Temperature Corrected) 41 - 1.02 - 1.00 S 40 -86.0 Normalized 39 Normalized SPE (good) 38 Masked SPE Median SPE (1.000) 2022-12 2023-02 2023-03 2023-03 2023-03 2023-12 2024-03 2024-03 2024-03

FEB 1 - Channel 38 PEs (good) 1.04 Masked PEs 44 Exp Fit (2.64%/yr) (Temperature Corrected) - 1.02 43 1.00 dS 42 -86 8 Normalized 띩 41 Normalized SPE (good) Masked SPE 40 Median SPE (1.001) 2022-12 2023-02 2023-03 2023-03 2023-03 2023-12 2024-03 2024-03 2024-03

FEB 1 - Channel 39 PEs (good) 43 - 1.04 Masked PEs Exp Fit (3.53%/yr) 42 (Temperature Corrected) - 1.02 41 - 1.00 S 40 -86 8 Normalized 39 38 Normalized SPE (good) Masked SPE Median SPE (1.001) 37 202.12 2023.02 2023.03 2023.03 2023.03 2023.03 2024.03 2024.03 2024.03

FEB 1 - Channel 40 PEs (good) - 1.04 Masked PEs 38 Exp Fit (3.10%/yr) (Temperature Corrected) - 1.02 - 1.00 g -86.0 Normalized Normalized SPE (good) 34 Masked SPE Median SPE (0.999) 2022-12 2023-03 2023-03 2023-03 2023-03 2023-12 2024-03 2024-03 2024-03

FEB 1 - Channel 41 37 PEs (good) - 1.04 Masked PEs Exp Fit (3.30%/yr) 36 (Temperature Corrected) - 1.02 35 1.00 -86 8 Normalized 34 PEs 33 Normalized SPE (good) Masked SPE Median SPE (0.998) 32 202.12 2023.02 2023.03 2023.03 2023.03 2023.03 2024.03 2024.03 2024.03

FEB 1 - Channel 42 PEs (good) 38 - 1.04 Masked PEs Exp Fit (3.44%/yr) 37 (Temperature Corrected) - 1.02 36 1.00 S -86.0 Normalized 35 34 Normalized SPE (good) Masked SPE 33 Median SPE (1.002) 202212 202302 202303 202302 202302 202302 202402 202402 202402

FEB 1 - Channel 43 PEs (good) - 1.04 Masked PEs Exp Fit (2.76%/yr) 37 (Temperature Corrected) - 1.02 36 - 1.00 S -0.0 86 Normalized 35 34 Normalized SPE (good) Masked SPE Median SPE (1.003) 2022-12 2023-02 2023-03 2023-03 2023-03 2023-12 2024-03 2024-03 2024-03

FEB 1 - Channel 44 PEs (good) 39 - 1.04 Masked PEs Exp Fit (2.61%/yr) (Temperature Corrected) 1.02 - 1.00 SPE -86.0 Normalized Normalized SPE (good) 35 Masked SPE Median SPE (0.998) 2022-12 2023-02 2023-03 2023-03 2023-03 2023-12 2024-03 2024-03 2024-03

FEB 1 - Channel 45 37 PEs (good) - 1.04 Masked PEs Exp Fit (4.19%/yr) 36 (Temperature Corrected) 1.02 35 - 1.00 SPE 34 -86.0 Normalized 33 Normalized SPE (good) 32 Masked SPE Median SPE (0.999) 2022-12 2023-02 2023-03 2023-03 2023-03 2023-03 2024-03 2024-03 2024-03

FEB 1 - Channel 46 PEs (good) **- 1.04** Masked PEs 35 Exp Fit (4.15%/yr) 30 (Temperature Corrected) - 1.02 25 1.00 g 20 .0 86.0 Normalized 15 10 5 Normalized SPE (good) Masked SPE Median SPE (0.998) 0 2022-12 2023-02 2023-03 2023-03 2023-03 2023-12 2024-03 2024-03 2024-03

FEB 1 - Channel 47 PEs (good) 35 - 1.04 Masked PEs Exp Fit (4.38%/yr) 30 (Temperature Corrected) 1.02 25 20 1.00 g .0 86.0 Normalized 15 10 5 Normalized SPE (good) Masked SPE Median SPE (0.999) 0

FEB 1 - Channel 48 PEs (good) 50 - 1.04 Masked PEs Exp Fit (2.90%/yr) 40 PEs (Temperature Corrected) 1.02 30 - 1.00 S .0 86.0 Normalized 20 10 Normalized SPE (good) Masked SPE Median SPE (0.994) 0

FEB 1 - Channel 49 PEs (good) - 1.04 Masked PEs 40 Exp Fit (1.37%/yr) PEs (Temperature Corrected) 1.02 - 1.00 S .0 86 Normalized 20 Normalized SPE (good) Masked SPE Median SPE (0.992) 0

FEB 1 - Channel 50 PEs (good) - 1.04 Masked PEs Exp Fit (1.58%/yr) 40 PEs (Temperature Corrected) 1.02 - 1.00 S .0 86 Normalized Normalized SPE (good) Masked SPE Median SPE (0.993) 0

FEB 1 - Channel 51 50 PEs (good) 1.04 Masked PEs Exp Fit (0.27%/yr) 40 PEs (Temperature Corrected) 1.02 30 - 1.00 S .0 86 Normalized Normalized SPE (good) Masked SPE Median SPE (0.991) 0

FEB 1 - Channel 52 PEs (good) - 1.04 Masked PEs 40 Exp Fit (-1.99%/yr) PEs (Temperature Corrected) 1.02 - 1.00 S .0 86 Normalized Normalized SPE (good) Masked SPE Median SPE (0.993) 0

FEB 1 - Channel 53 PEs (good) - 1.04 Masked PEs Exp Fit (1.31%/yr) 40 PEs (Temperature Corrected) 1.02 - 1.00 S .0 86 Normalized Normalized SPE (good) Masked SPE Median SPE (0.992) 0

FEB 1 - Channel 54 PEs (good) **- 1.04** Masked PEs Exp Fit (-0.50%/yr) 40 PEs (Temperature Corrected) 1.02 30 - 1.00 S .0 86 Normalized Normalized SPE (good) Masked SPE Median SPE (0.992) 0

FEB 1 - Channel 55 PEs (good) - 1.04 Masked PEs 40 Exp Fit (1.36%/yr) PEs (Temperature Corrected)
0 1.02 30 - 1.00 S .0 86 Normalized Normalized SPE (good) Masked SPE Median SPE (0.992) 0

FEB 1 - Channel 56 PEs (good) **- 1.04** Masked PEs 40 Exp Fit (1.12%/yr) (Temperature Corrected) 1.02 30 - 1.00 S 20 .0 86.0 Normalized PES 10 Normalized SPE (good) Masked SPE Median SPE (0.994) 0

FEB 1 - Channel 57 PEs (good) - 1.04 Masked PEs Exp Fit (4.52%/yr) 40 PEs (Temperature Corrected)

D

O 1.02 30 - 1.00 S .0 86 Normalized Normalized SPE (good) Masked SPE Median SPE (0.992) 0

FEB 1 - Channel 58 PEs (good) **- 1.04** Masked PEs Exp Fit (0.67%/yr) 40 PEs (Temperature Corrected) 1.02 - 1.00 S . .0 .0 .0 Normalized SPE (good) Masked SPE Median SPE (0.992) 0

FEB 1 - Channel 59 50 PEs (good) - 1.04 Masked PEs Exp Fit (1.77%/yr) 40 (Temperature Corrected) 1.02 30 - 1.00 S . .0 86.0 Normalized 20 10 · Normalized SPE (good) Masked SPE Median SPE (0.994) 0

FEB 1 - Channel 60 PEs (good) **- 1.04** Masked PEs Exp Fit (5.43%/yr) 40 PEs (Temperature Corrected)
0 1.02 - 1.00 g .0 86 Normalized Normalized SPE (good) Masked SPE Median SPE (0.993) 0

FEB 1 - Channel 61 PEs (good) - 1.04° Masked PEs 40 Exp Fit (-0.82%/yr) (Temperature Corrected) 1.02 30 - 1.00 S .0 86 Normalized 20 S 10 Normalized SPE (good) Masked SPE Median SPE (0.993) 0

FEB 1 - Channel 62 PEs (good) - 1.04° Masked PEs Exp Fit (0.05%/yr) 40 PEs (Temperature Corrected)

D

O 1.02 30 - 1.00 S .0 86.0 Normalized Normalized SPE (good) Masked SPE Median SPE (0.994) 0

FEB 1 - Channel 63 PEs (good) **- 1.04** Masked PEs Exp Fit (1.71%/yr) 40 PEs (Temperature Corrected) 1.02 - 1.00 S .0 86 Normalized Normalized SPE (good) Masked SPE Median SPE (0.994) 0