

Analysis of the Pedestal run taken on Dec, 12th

Ladder DAQ	Ladder	Comments
0-1	13N	Det 5 : pedestal mostly above 255 Det 12 : pedestal partly above 255 Average noise around 50 Det 2 (a1) ; noise below 40 Det 16 (a5) : noise below 40
2-8	11N	Det 15 and 16 : pedestal mostly above 255. Only the fist a128 programmed Noise rather uniform : average around 50
3-4	12N	All pedestals below 255 Noise rather uniform : average around 50
5-6	10N	Det 6 and 11 : pedestal above 255 Det 15 : pedestal very close to 255 Average noise around 45 Det 15 ; noise above 255.
7-9	9N	Det 1 : strong oscillation in the pedestal. Check with a different Costar reference Det 8 and Det 9 : pedestal above 255 Average noise around 45 Det 3 and Det 11 : noise around 60 Det 1 : strong oscillation in the noise Det 4 : noise around 150
10-11	19N	Det 3 : pedestal above 255 Det 7 and 8 : pedestals very close to 255 Average noise around 50 Det 3 : noise oscillating Det 8 (a1) : noise below 10 Det 10 (a3) : noise around 40
12-18	1N	Det 2 : a5 pedestal very close to 255 Det 10 : pedestal over a large range. (strong oscillations). Check with an other costar Average noise around 55 Det 2 (a5) : noise around 20 Det 14 (a3) : noise around 40

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13-14	20N	Det 16 : pedestal too low Noise not uniform : average noise around 60 Det 2 : noise around 100 Lots of chips with a noise around 40
15-16	2N	Det 4 : pedestal very close to 255 Det 13 : pedestal above 255 Det 10 (a2) : pedestal in a wide range Average noise around 30 Det 4 and 10 (a2) and 16 (a6) : noise low
17-19	3N	Det 8 (a3-a6) : pedestals above 255 Det 15 (a3-a6) : pedestal too regular (chips probably not biased) Det 12 : pedestal partly too low Average noise around 50 Det 1 (a6) and Det 6 (a2) : noise below 20 Det 12 (a1-a2) : noise over a large range (0 to 60)
20-21	13P	Det 4 : pedestal above 255 Noise rather uniform : average around 35 Det14 (a6) : noise below 20 Average noise around 50
22-28	11P	All pedestals within the range Average noise around 20 (except Det 1 at 50). The LV are probably too low (no sense correction)
23-24	12P	All pedestals within the range Noise rather uniform : average around 40 Det 5 (a3) noisier : between 40 and 60
25-26	10P	Det 4 : strong oscillations. Det 5 : pedestal partly above 255 Det 8 : bad structure, a6 above 255 Det 4 : noise on a very large range Det 5 : noise at 255 Det 8 : bad structure for the noise
27-29	9P	Det 1 and Det 4 : pedestal above 255 Det 6 : pedestal partly above 255 Det 1 and Det 4 : noise at 0

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		Det 6 : noise at 255 Det 9 : 2 areas with noisy channels
30-31	19P	Det 1 : pedestal partly above 255 Det 3 and Det 7 : pedestal partly below 0 Det 15 : only the two first a128 biased Average noise around 40 Det 1 : noise above 255
32-38	1P	Det 14 : pedestal partly above 255 Average noise around 50 Det 5 and Det 8 : areas with noisy strips
33-34	20P	Det 9 : pedestals around 250 Det 15 : pedestal too regular. Chips not biased Average noise around 35 Det 9 and Det 15 : bad noise
35-36	2P	Det 16 : pedestal too close to 255 Average noise around 40 Det 7 : noise around 50 Det 16 : noise at 255 Det 14 : noise around 45
37-39	3P	Det 1 and Det 3 : pedestal too close to 255 Det 15 and Det 16 : chips partly biased Det 1, Det 3, Det 15 and Det 16 : bad noise Few chips with very low noise (around 20)