

# Carriers revE4

Dmitri Kotchetkov

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# Inventory

Total fabricated:	46
Repaired by Matt:	2
Repaired by Tri-L Data:	43
Repaired by Hughes (needs additional repair by Tri-L Data):	1
Tested:	45
Untested (repaired by Hughes):	1

# Testing Output

Grade A:	28
Assembled in board stacks:	27
Grade B Class C:	4
Grade B Class X:	10
Grade F:	3

# Grades B and F

- Grade B Class C: single channel pedestals,  
no thresholds on channel 3 of all ASICs,  
too low amplifier gain on one channel  
no time difference measured on one channel
- Grade B Class X: pedestals on channels 4-7 of ASIC3  
pedestals on ASIC1, wrong FB functions  
large top resolution on ASIC0 (four carriers)  
wrong FB function on ASIC2 (marginally,  
can be Grade A spare)
- Grade F: pedestals on all ASICs  
wrong FB functions on all ASICs