BOS-0 Wire Grid Fit

	HV side		RO side	
	X-ray fit	Design value	X-ray fit	Design value
y-pitch [μm]	26039 ± 0.5	26039 ± 5	26041 ± 0.5	26039 ± 5
z-pitch [μm]	30035.8 ± 0.5	30036 ± 0.5	30035.8 ± 0.5	30036 ± 0.5
y sep. ML [mm]	346.878 ± 0.005	346.942 ± 0.010	346.852 ± 0.005	346.942 ± 0.010
z-sep. ML [μm]	22 ± 5	0 ± 10	-9 ± 5	0 ± 10
Rms_y [μm]	14.3		15.3	
Rms_z [μm]	10.5		14.1	
Combined [μm]	13.6			
σ_y [μm]	13.8		13.7	
σ_z [μm]	10.5		13.1	
Combined [μm]	12.8			

Note: y-pitch increased by 25 μm to compensate glue shrinkage.
The discrepancy between the measured y-separation of the multilayers and the design value was caused by unexpectedly large shrinkage of the new 3M DP460 glue.