

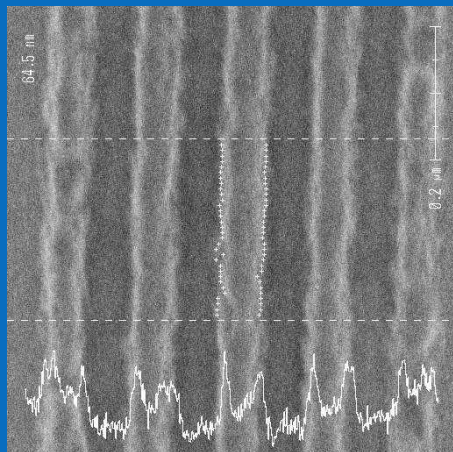
# EUV Resist Screening Data Table

	Targets	A1	A2	A3	A4	B1	B2	B3	B4
Resolution 1:1	32	50	36	38	38	50	48	38	40
CD DOF (+/-2%)	225	140	160	120	120	175	80	180	200
LWR DOF (+15%)	?	130	120	80	80	150	80	160	160
Photospeed	7	5.4	9.5	10	11.5	5.5	5.2	5.5	7
LWR	<3	13.9	7.9	5.5	5.6	11.3	13.2	9.2	8.2
Wall Angle	>85	ND	ND	ND	ND	ND	ND	ND	ND
Outgassing	TBD	Pass	Pass	Pass	Pass	Pass	Pass	Pass	Pass

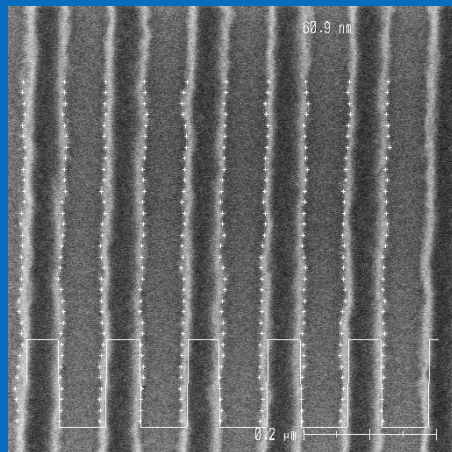
	Targets	C1	C2	C3	C4	D1	D2
Resolution 1:1	32	45	40	45	36	45	55
CD DOF (+/-2%)	225	350*	350*	300	210*	210	280
LWR DOF (+15%)	?	130	70	320	180	220	140
Photospeed	7	11.5	11.1	15	15.5	10.5	10
LWR	<3	8.4	7.8	7.7	6.7	7.4	11.3
Wall Angle	>85	ND	ND	ND	ND	ND	ND
Outgassing	TBD	Pass	Pass	Pass	Pass	Pass	Pass



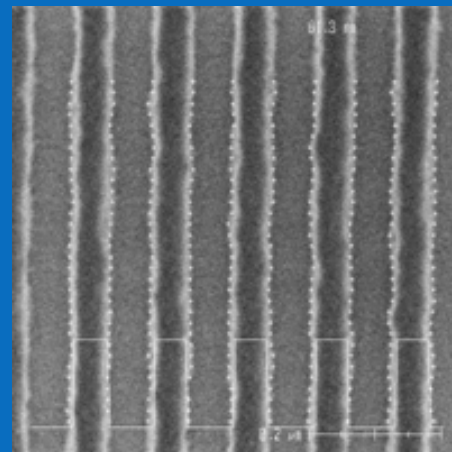
# Top Down SEMs



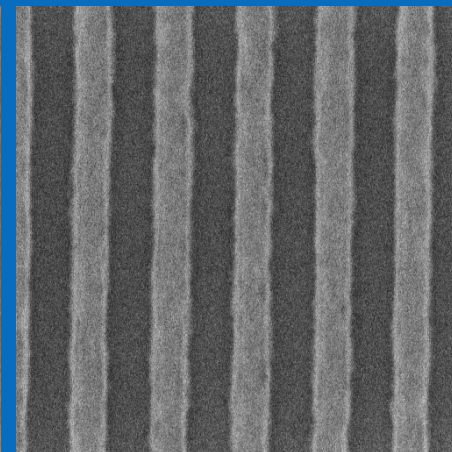
A1  
65 / 130



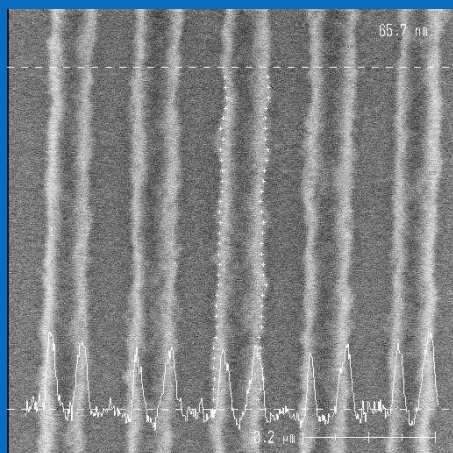
A2  
60 / 120



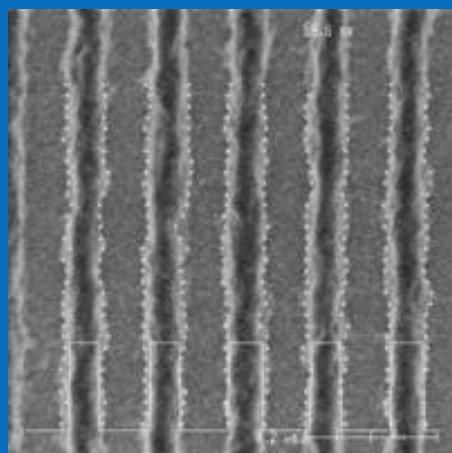
A3  
60 / 120



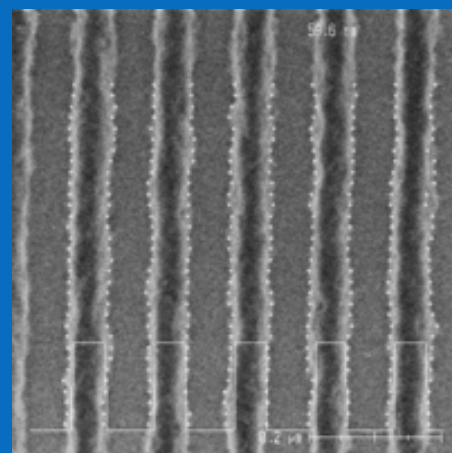
A4  
60 / 120



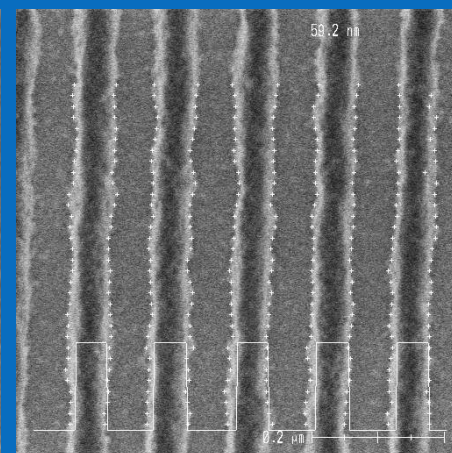
B1  
65 / 130



B2  
60 / 120



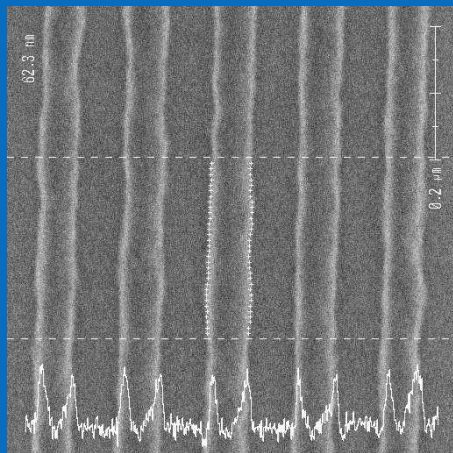
B3  
60 / 120



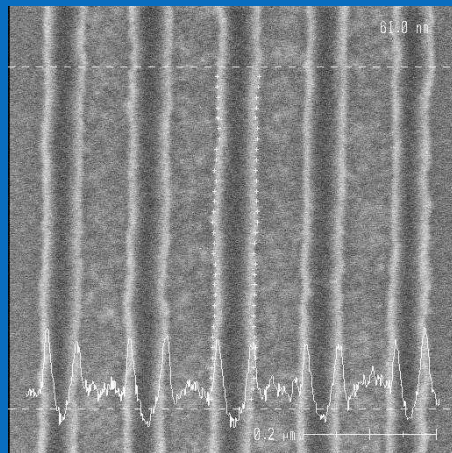
B4  
60 / 120



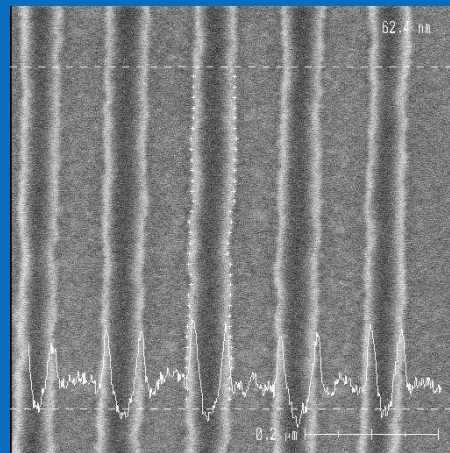
# Top Down SEMs



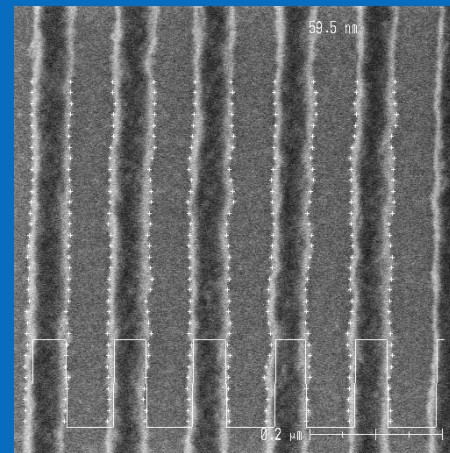
C1  
65 / 130



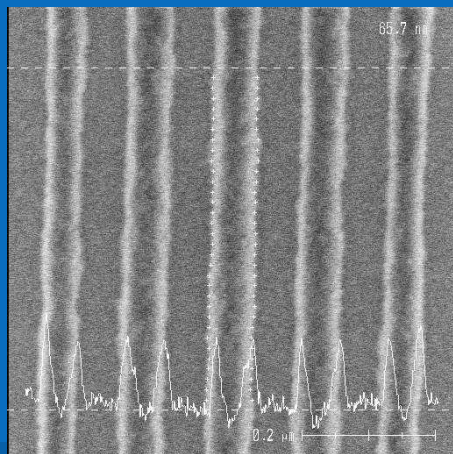
C2  
65 / 130



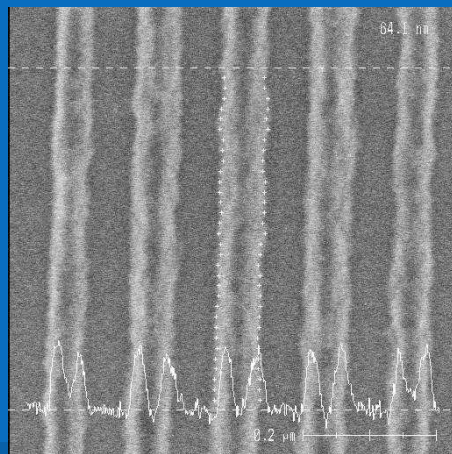
C3  
65 / 130



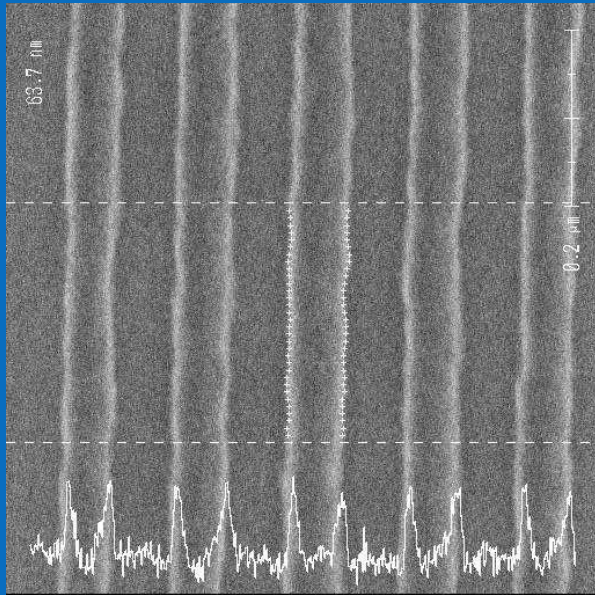
C4  
60 / 120



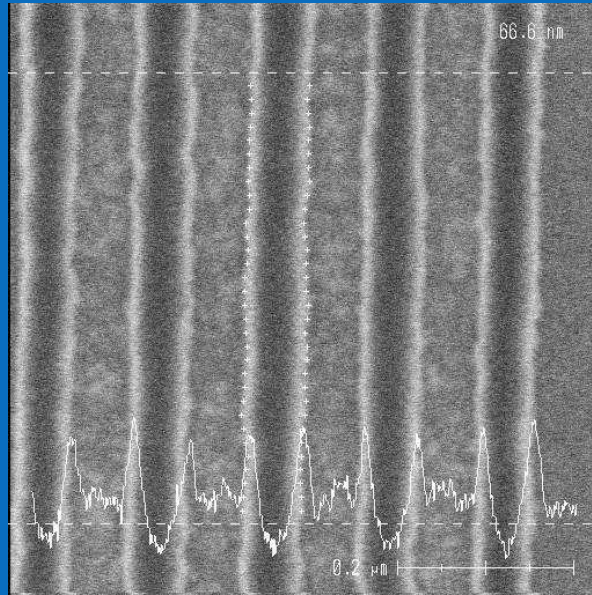
D1  
65 / 130



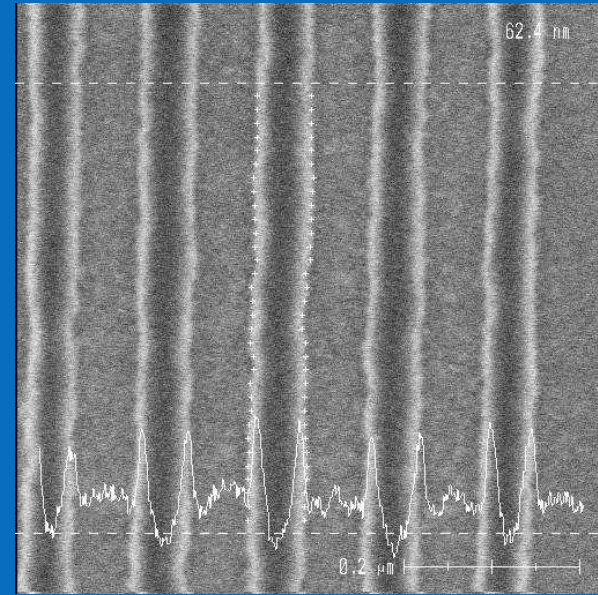
D2  
65 / 130



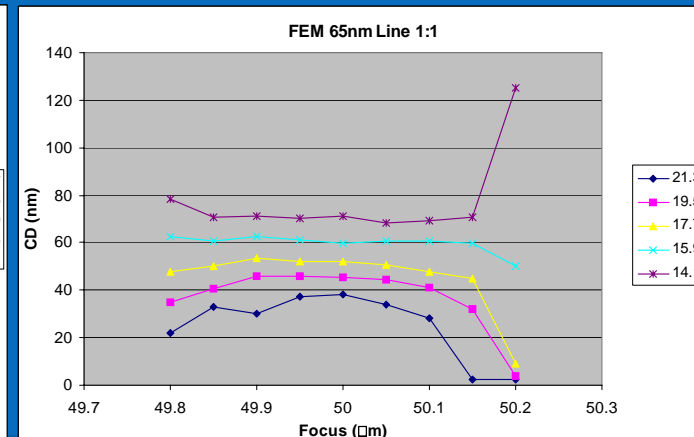
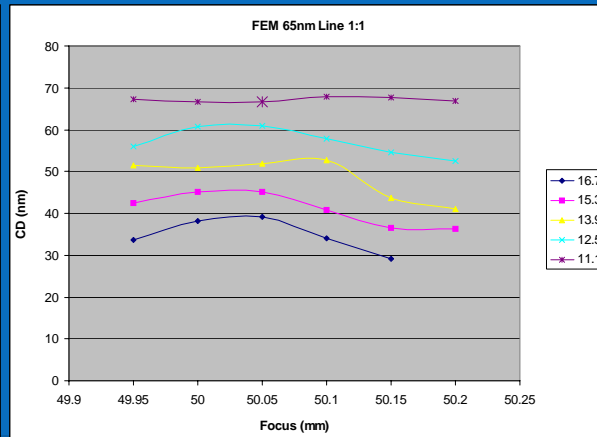
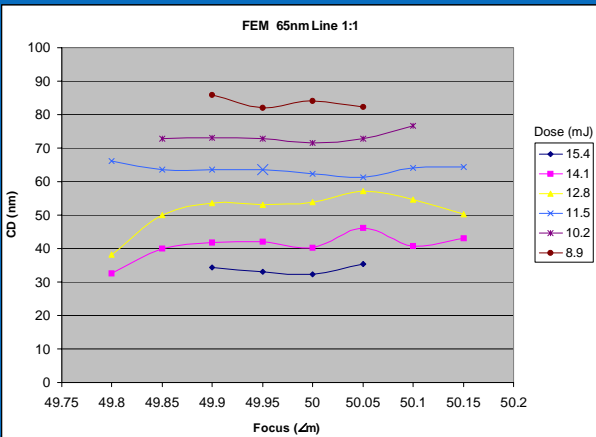
C1 65 / 130



C2 65 / 130



C3 65 / 130



# Resolution / Linearity Series – One Dose and Focus

C1

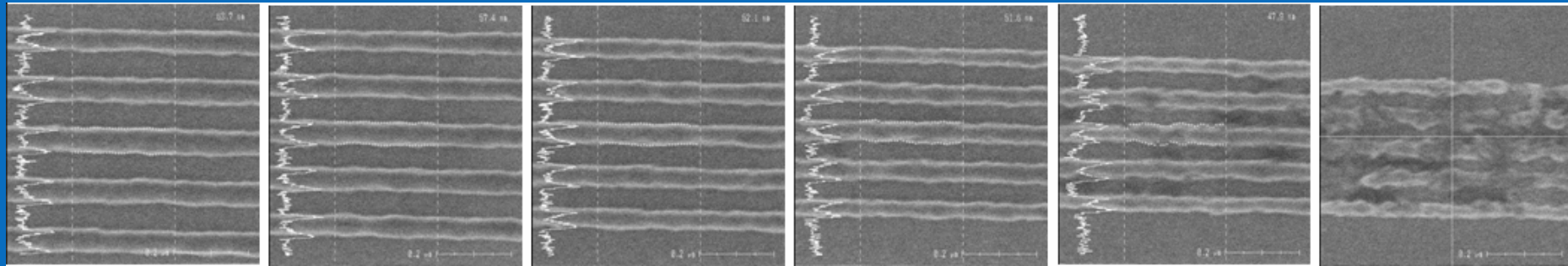
63.7nm

57.4nm

52.1nm

51.6nm

47.9nm



L65nm  
P130nm

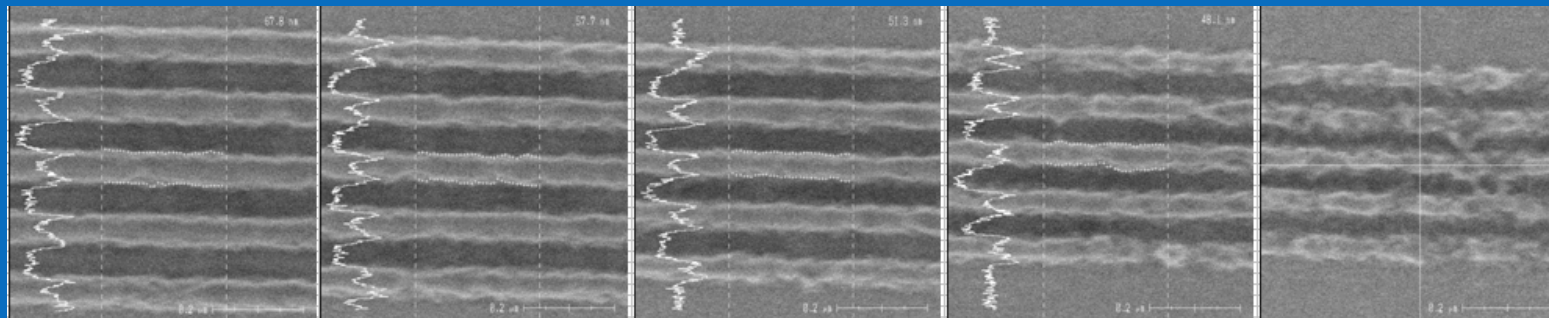
L60nm  
P120nm

L55nm  
P110nm

L50nm  
P100nm

L45nm  
P90nm

L40nm  
P80nm



67.8nm

57.7nm

51.3nm

48.1nm

A1

# LWR Focus Exposure Matrix – LWR DOF

