

Run 1			
Static Data			
Size of cold stage:	51 mm	Start Time (peltier on):	11:55 AM
Height of cold stage:	8 mm	End Time (peltier off):	12:19
vacuum pressure (set)	50 Pa		
Z/TILT (distance of detector from stage)	5um		
vacuum current	12kv		
probe current		90	
Additional Comments	I waited to turn on the Peltier untill the pressure was 60		
Additional Comments			
Kinetic Data			
Time	Action/observation	Temperature (actual)	Crystal Size
11:55	set peltier to -35 (pressure is 60)		
11:57	hit 50 Pa		
11:58	crystals first observed	-35.2 (just hit)	
12:03	good growth roughening occuring	-34.9	
12:03	set temp to -33 to take 3D image		
12:04	set to -32		
12:07	Took 3D image (based on timestamps was determined to be from run 1 and renamed as case 1.0) (oringinally named 8.0)	-32.8	
12:09	set to -30 to ablate further		
12:13	set to -32 for pictures		
12:13	Took 3D image (based on timestamps was determined to be from run 1 and renamed as case 1.1) (originally named 8.1)	-32.8	
12:16	set to -35 to try and re-grow	-35.6	
12:18	crystal ablated too much for effective re-growth	-35.7	
12:19	ending experiment		
Run 2			
Static Data			
Size of cold stage:	51 mm	Start Time (peltier on):	1:21 AM
Height of cold stage:	8 mm	End Time (peltier off):	2:00
vacuum pressure (set)	50 Pa		
Z/TILT (distance of detector from stage)	5um		
vacuum current	12kv		
probe current		80	
Additional Comments	started peltier at 90 Pa		
Additional Comments			
Kinetic Data			
Time	Action/observation	Temperature (actual)	Crystal Size
1:21	temp set to -35		
1:24	crystals observed (-32.6C and 50Pa)		
1:27	set to -33 to slow growth	-34.9	
1:30	set to -35		
1:35	Took 3D image (based on timestamps was determined to be from run 2 and renamed as case 1.0) (oringinally named 9.0)	-35.6	
1:37	set to -32 (ablation)	-32.7	
1:42	Took 3D image (based on timestamps was determined to be from run 2 and renamed as case 1.1) (oringinally named 9.1)	-32.7	
1:44	Took 3D image (based on timestamps was determined to be from run 2 and renamed as case 1.2) (oringinally named 9.2)		
1:49	end		