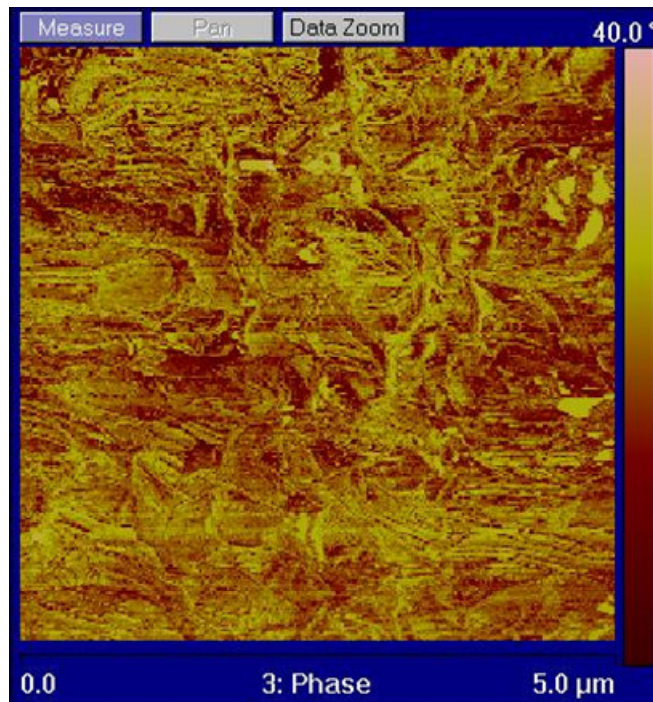
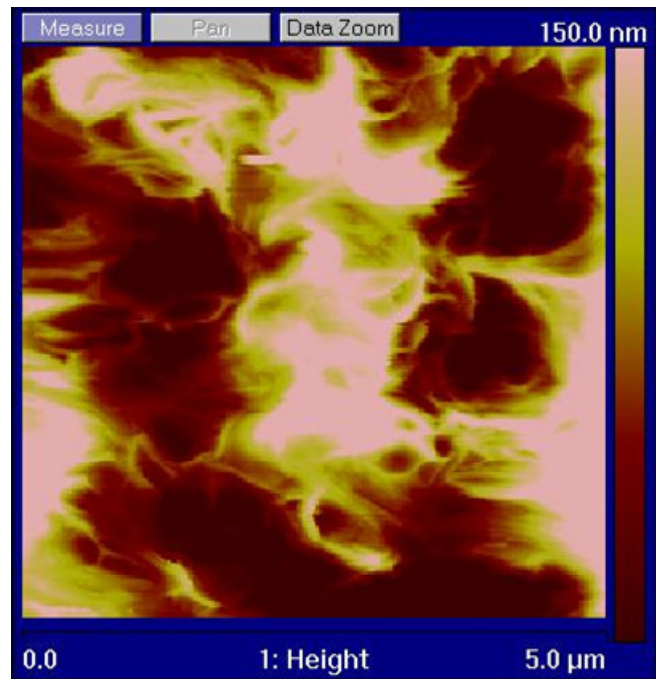
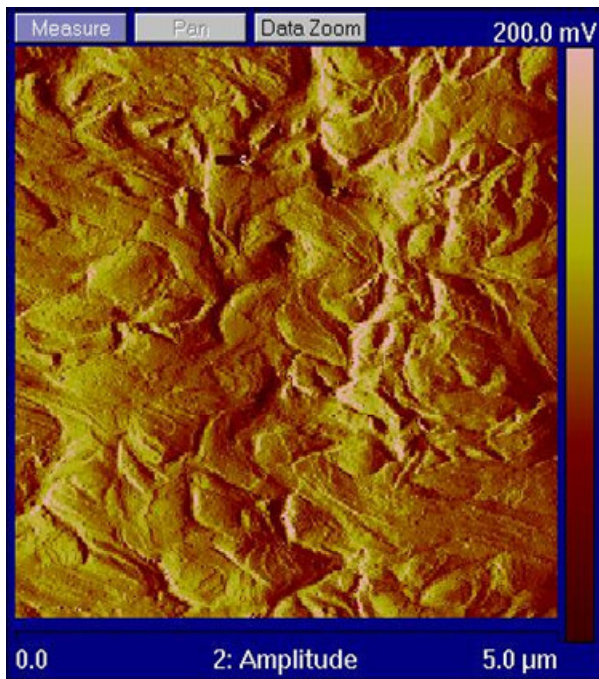
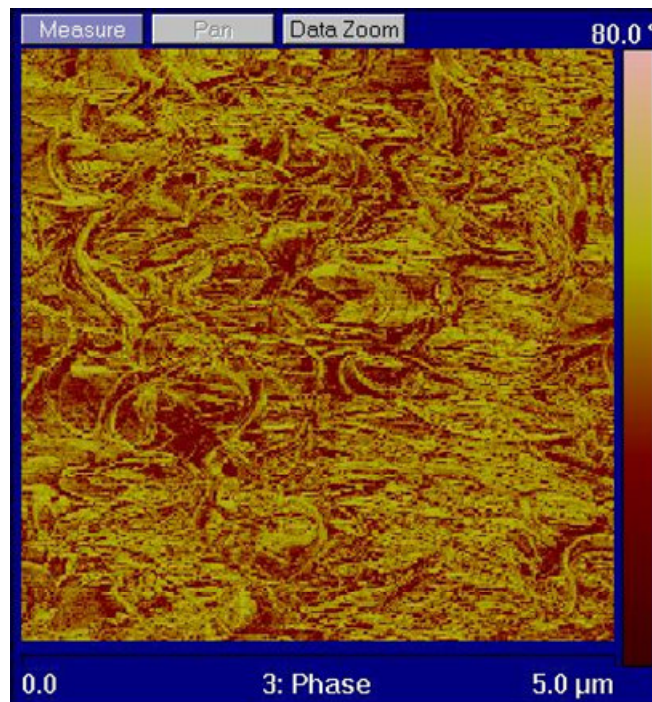
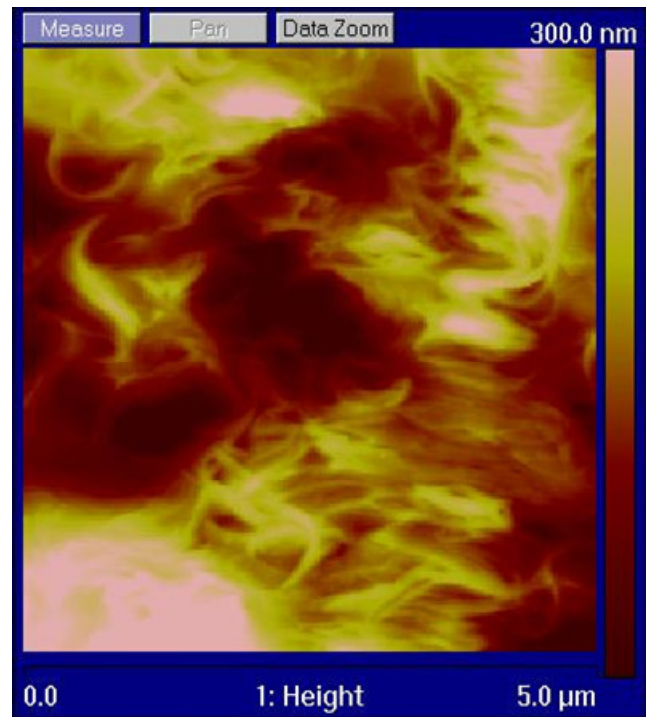
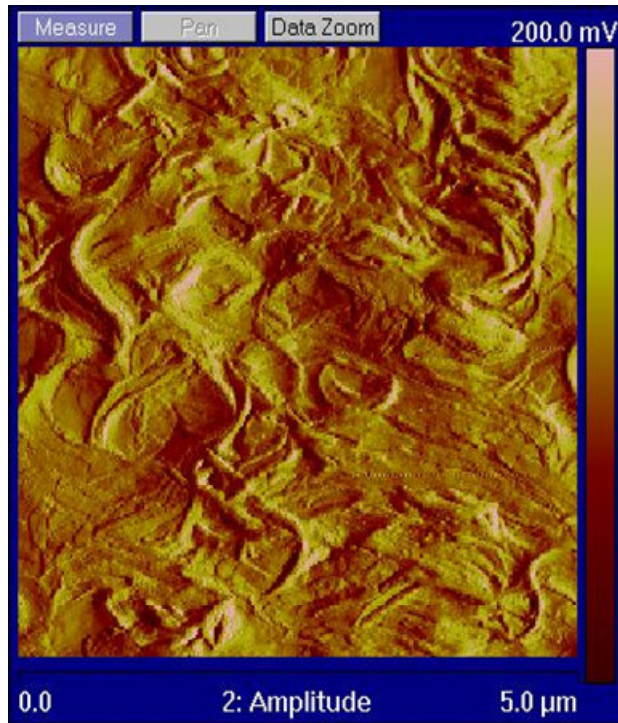


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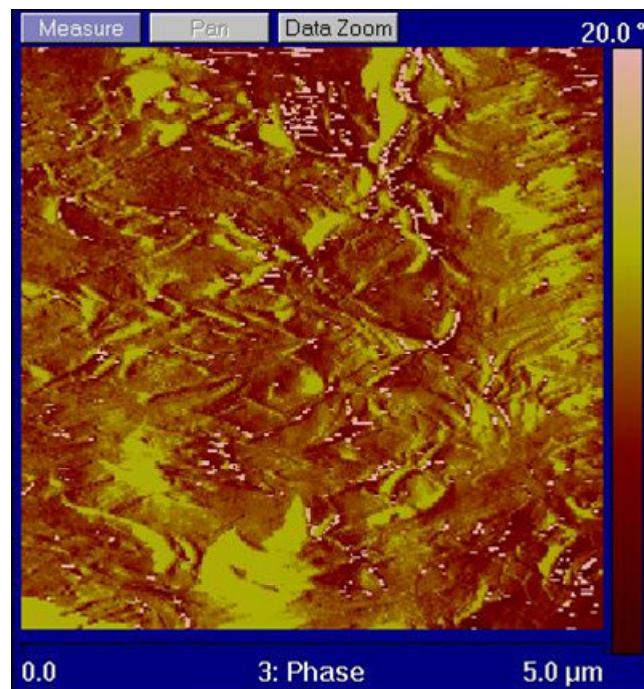
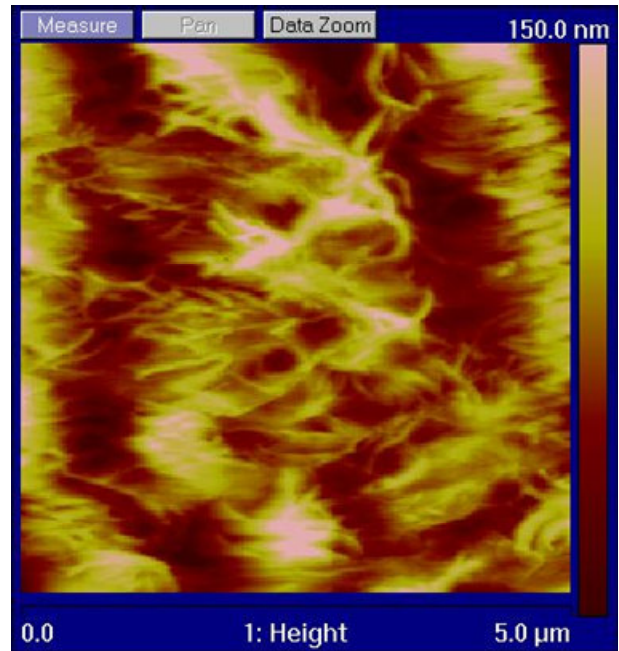
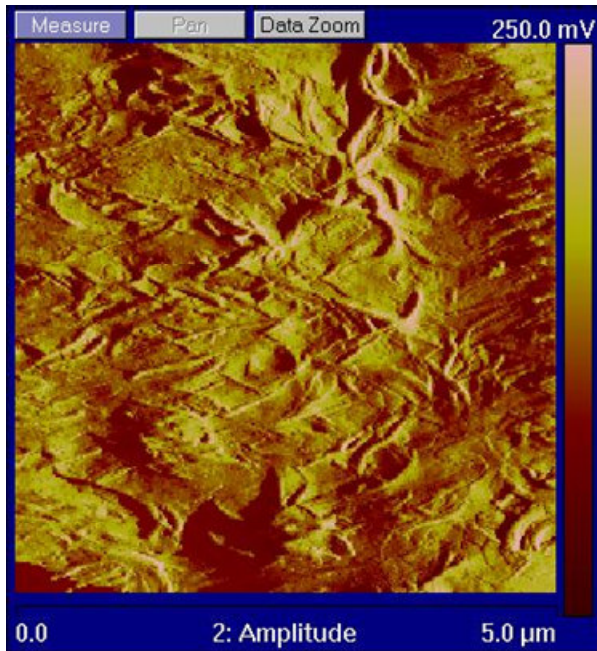
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AFM IMAGES



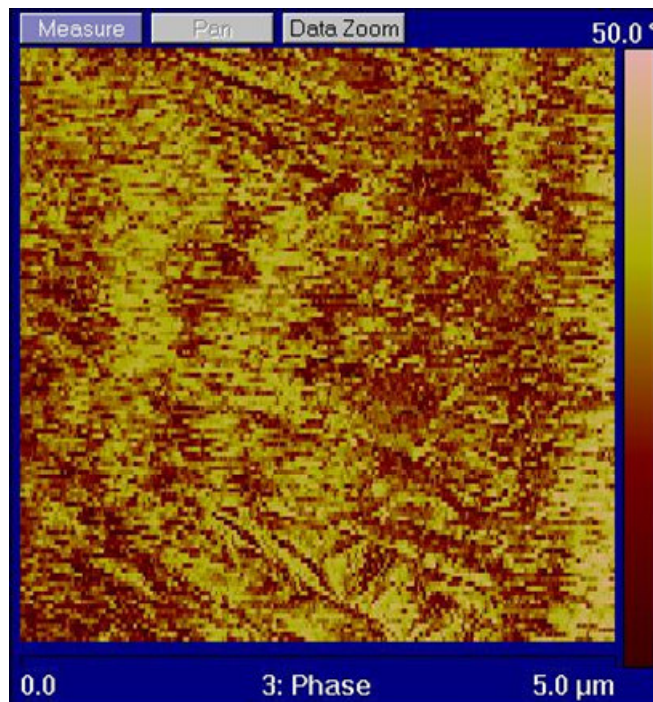
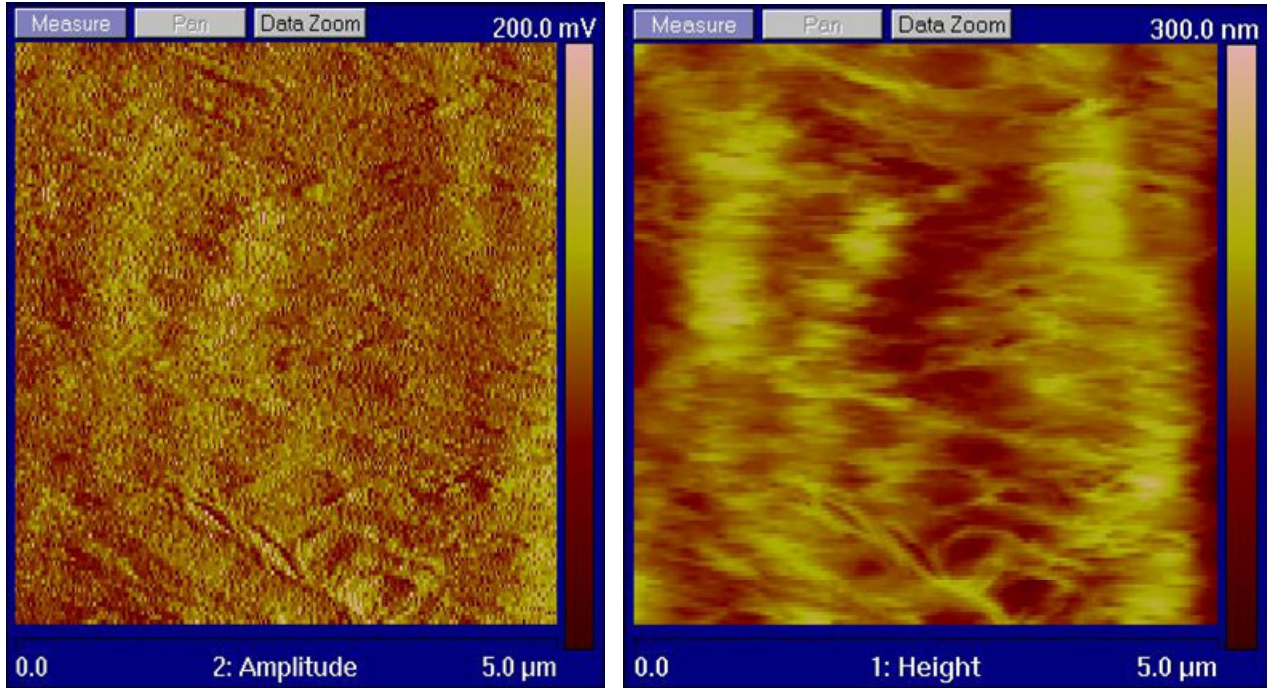
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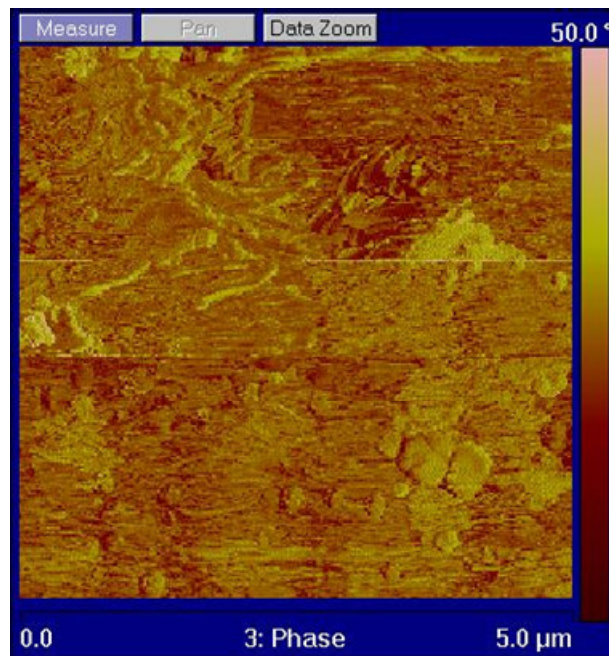
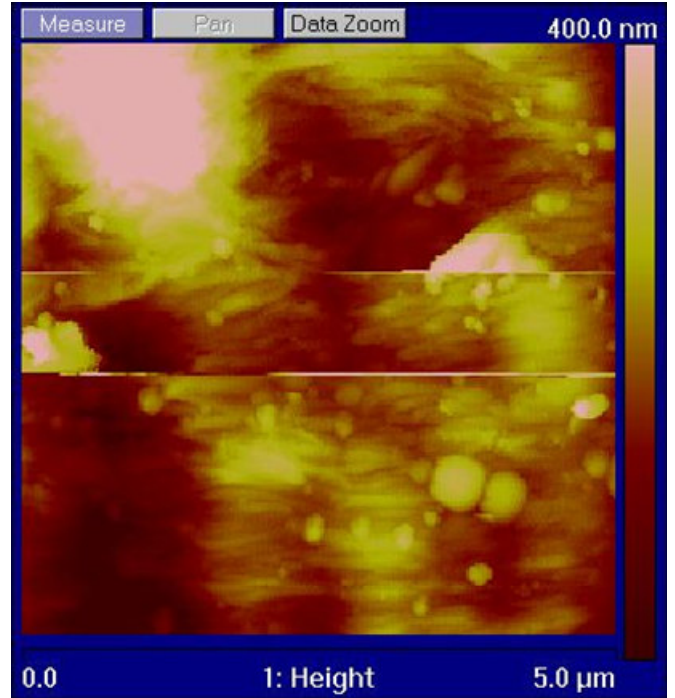
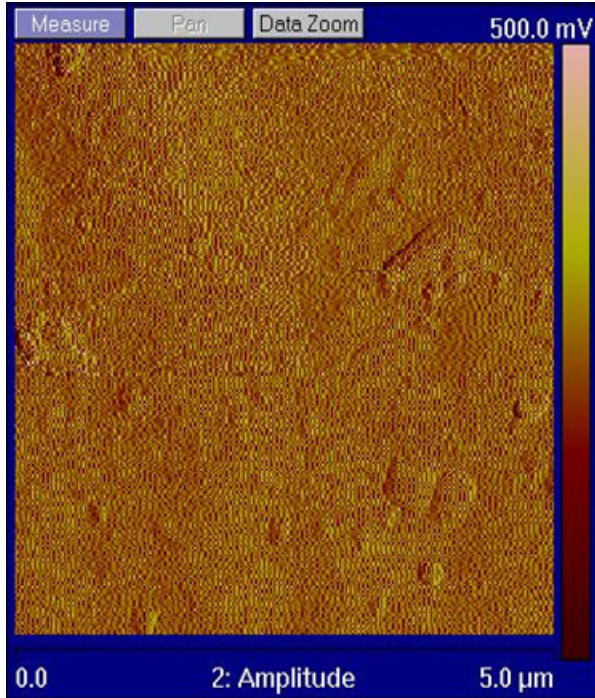
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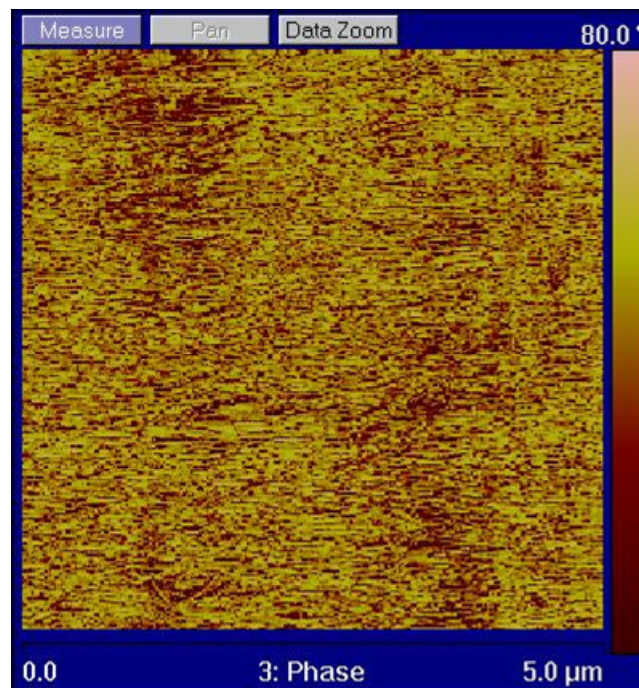
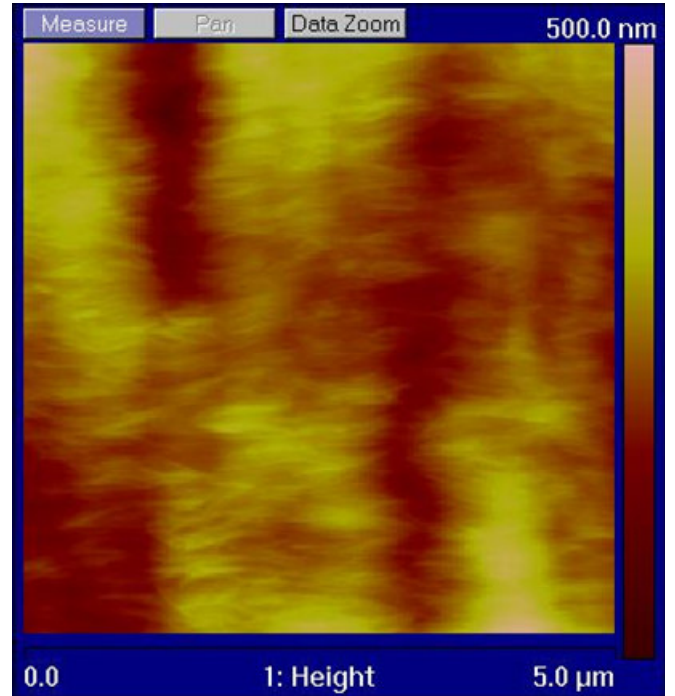
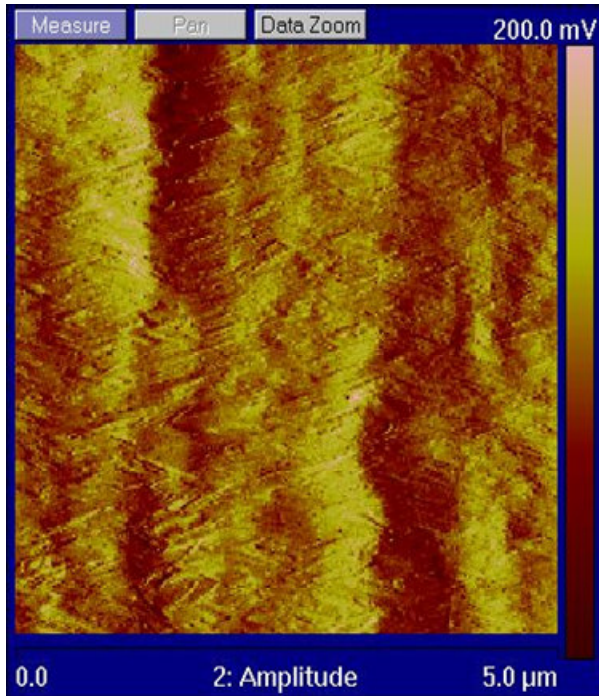
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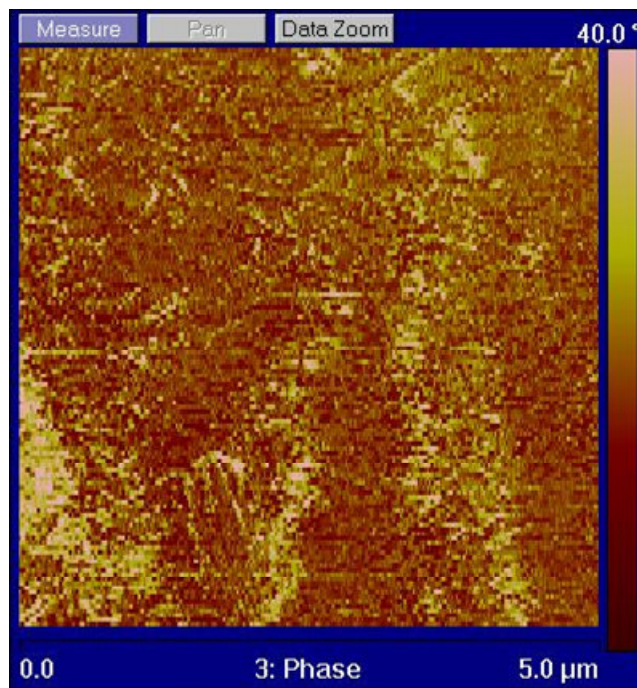
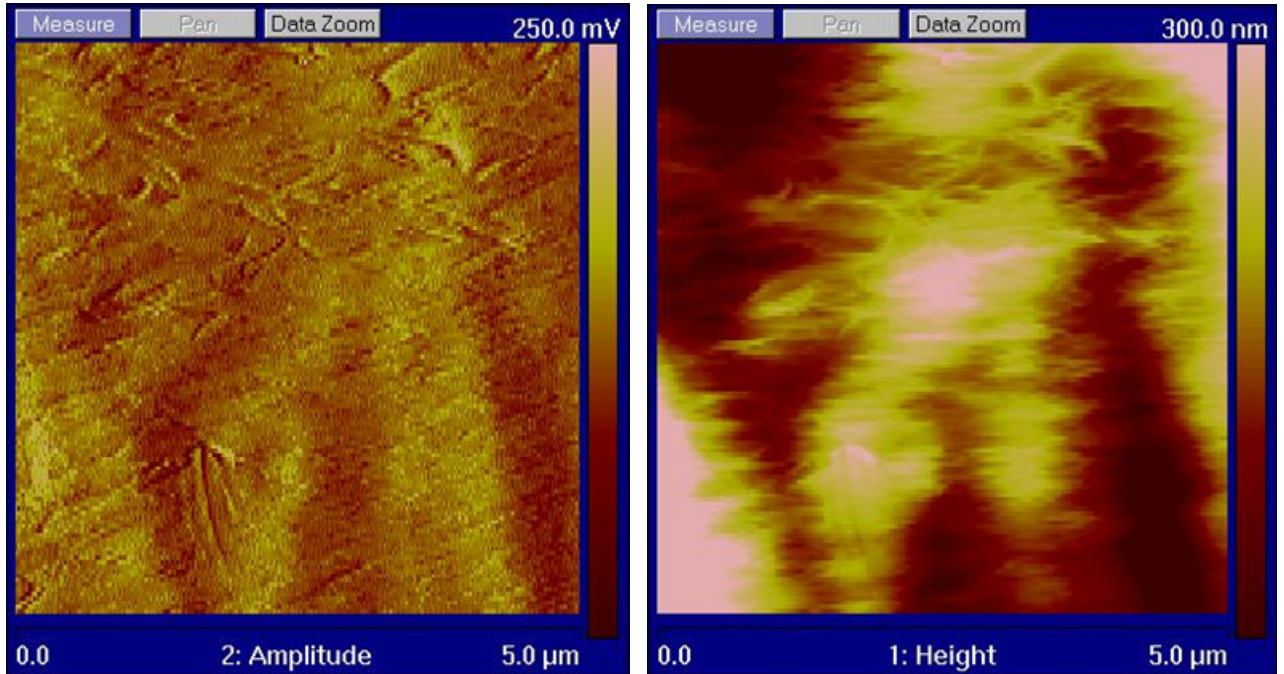
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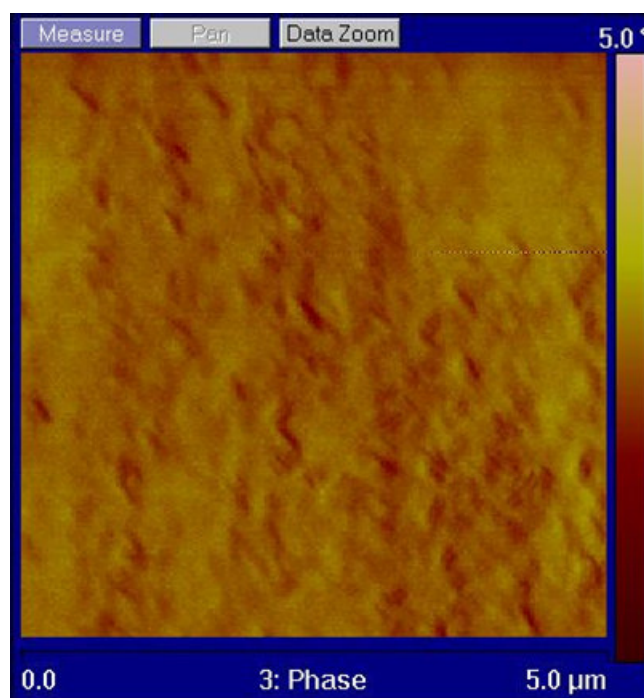
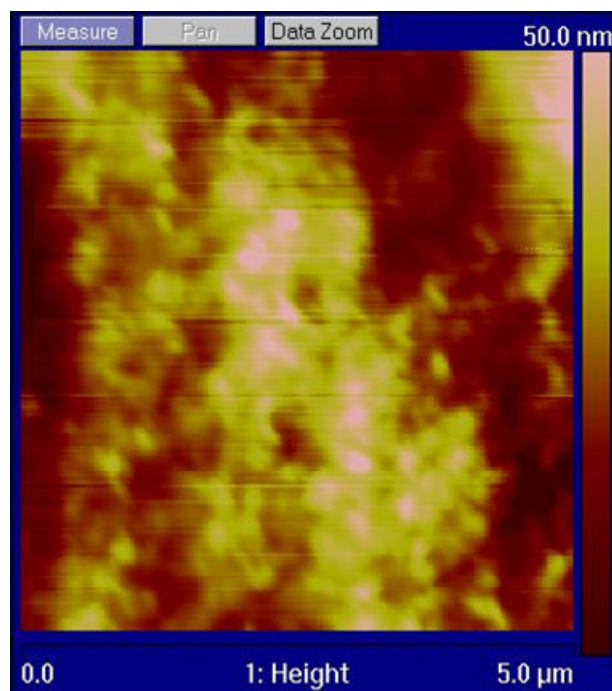
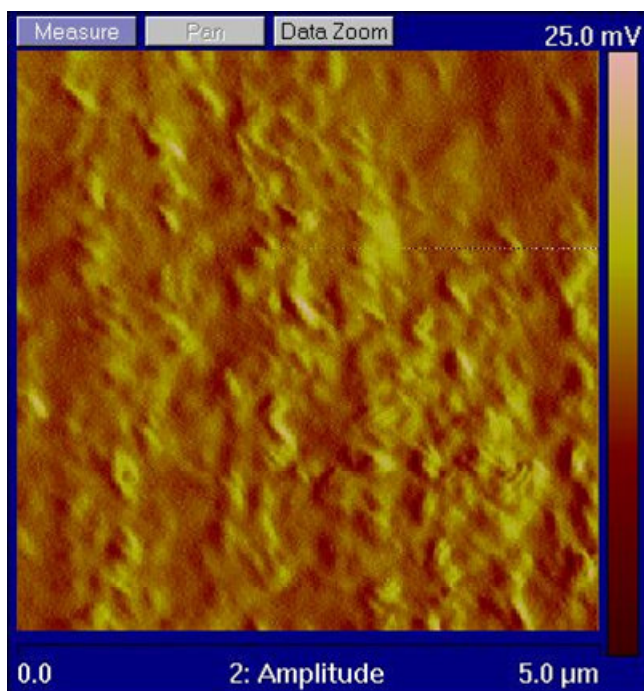
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AFM IMAGES



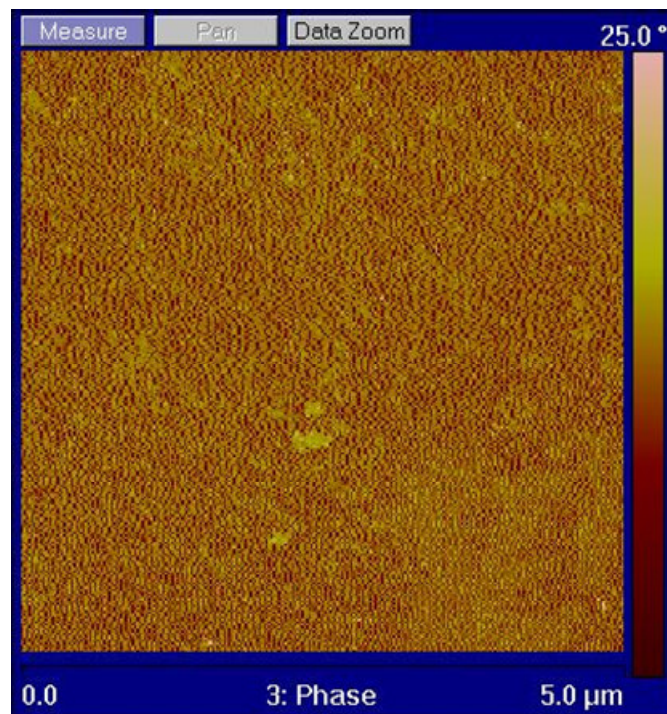
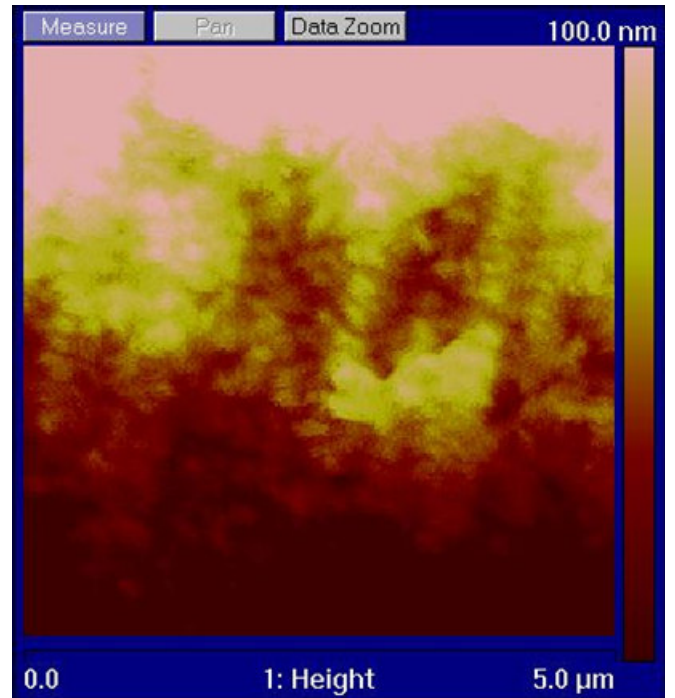
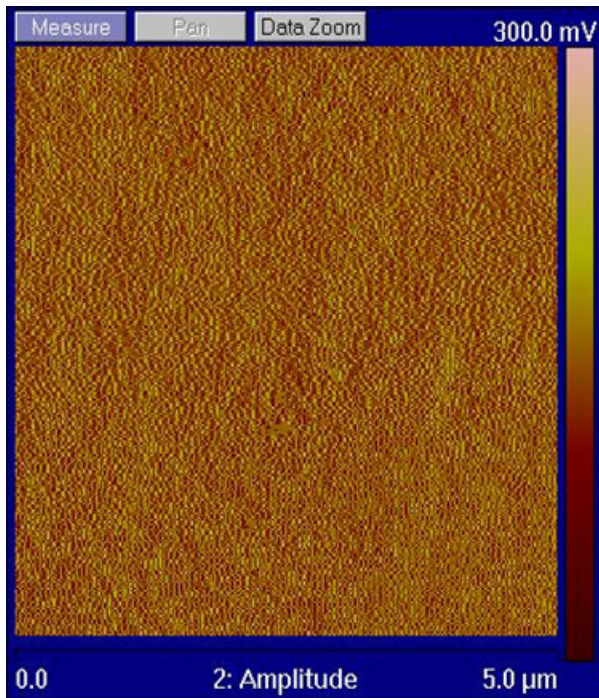
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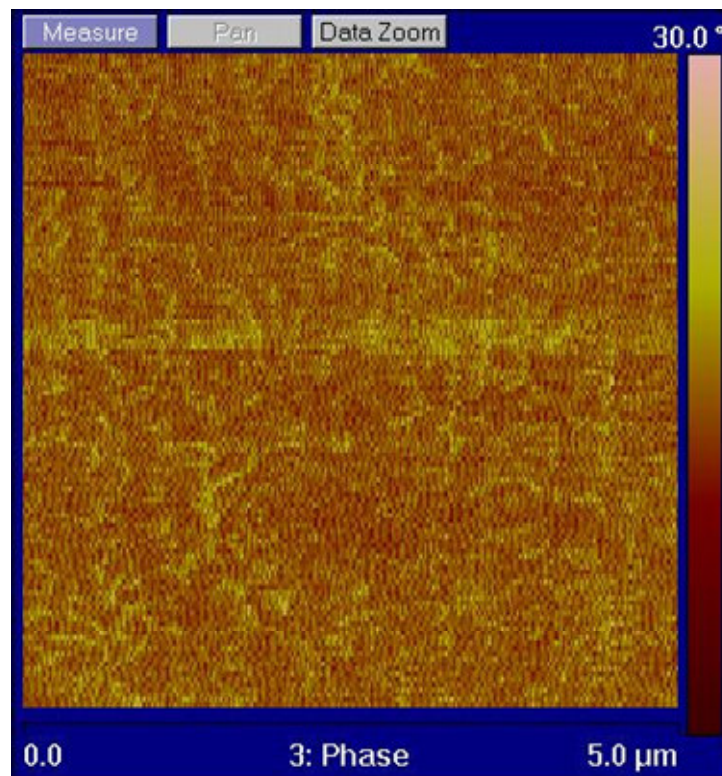
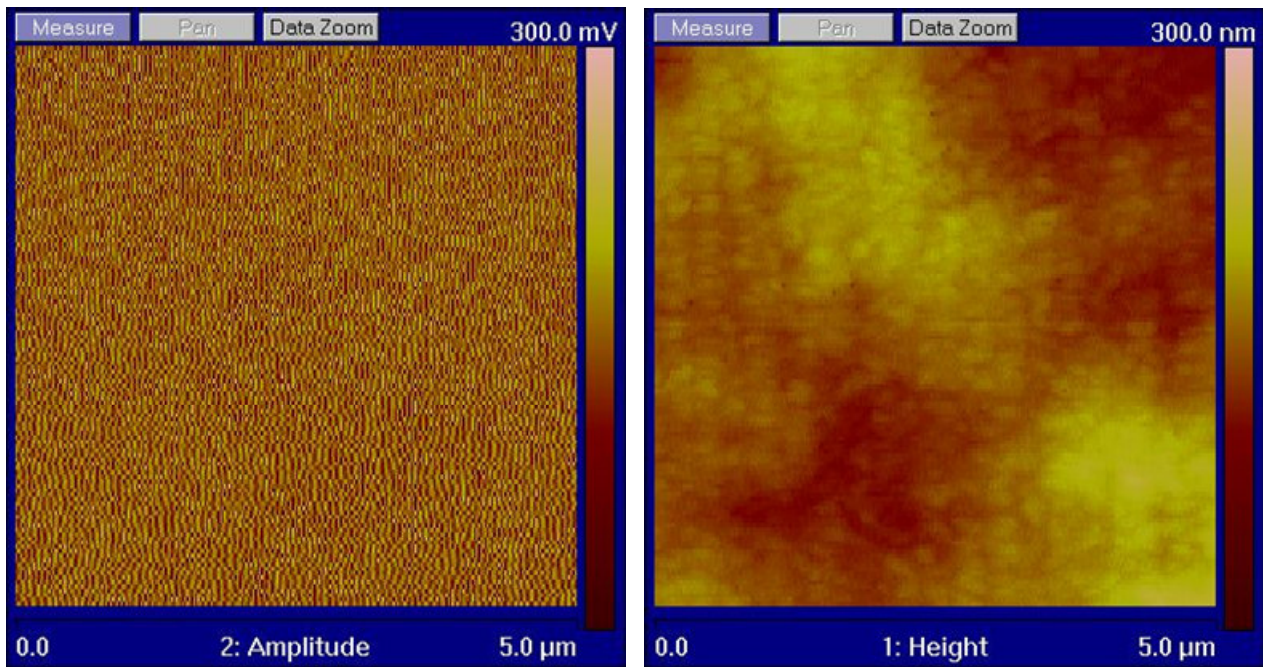
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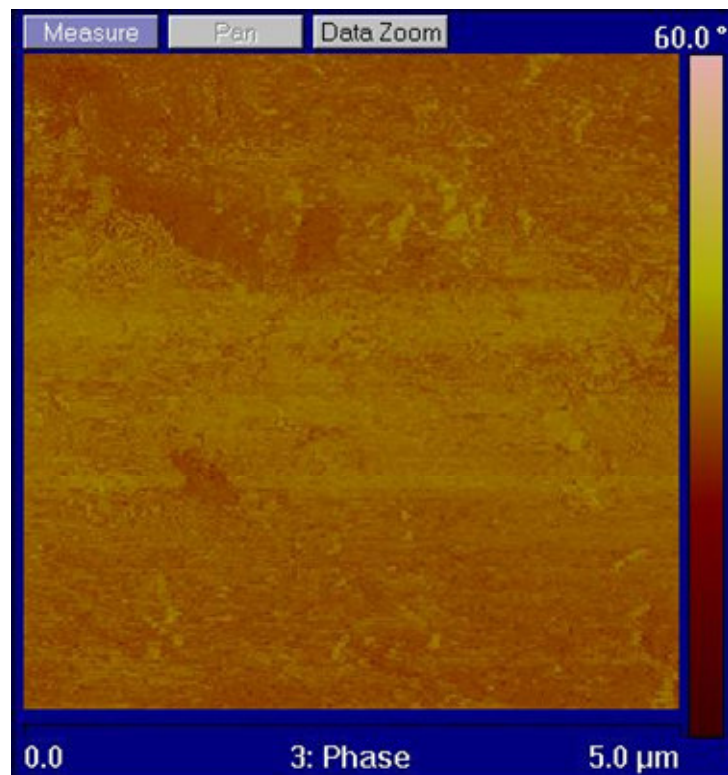
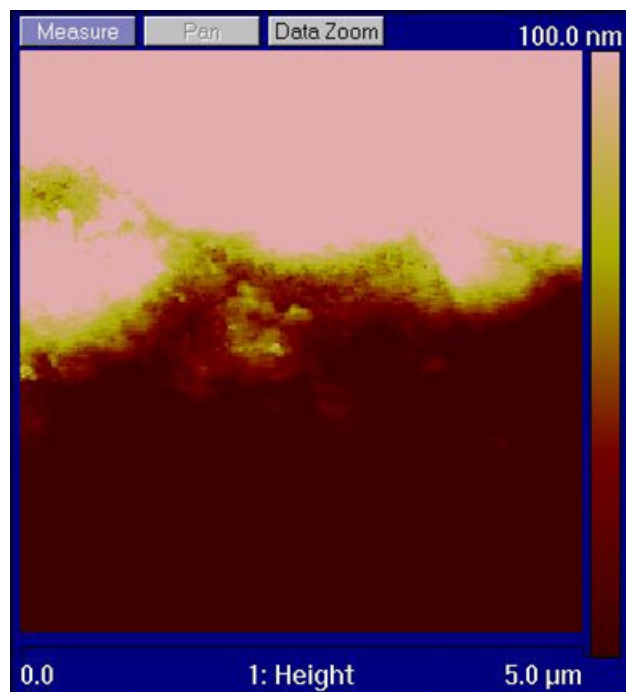
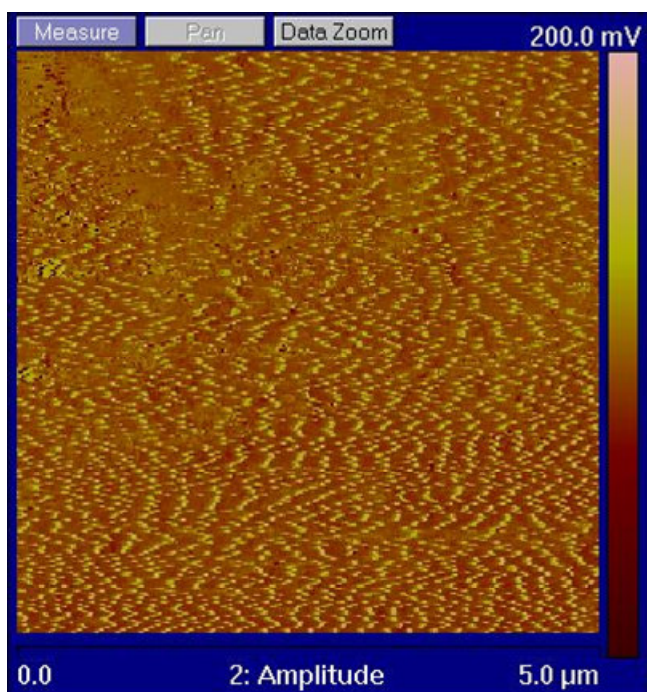
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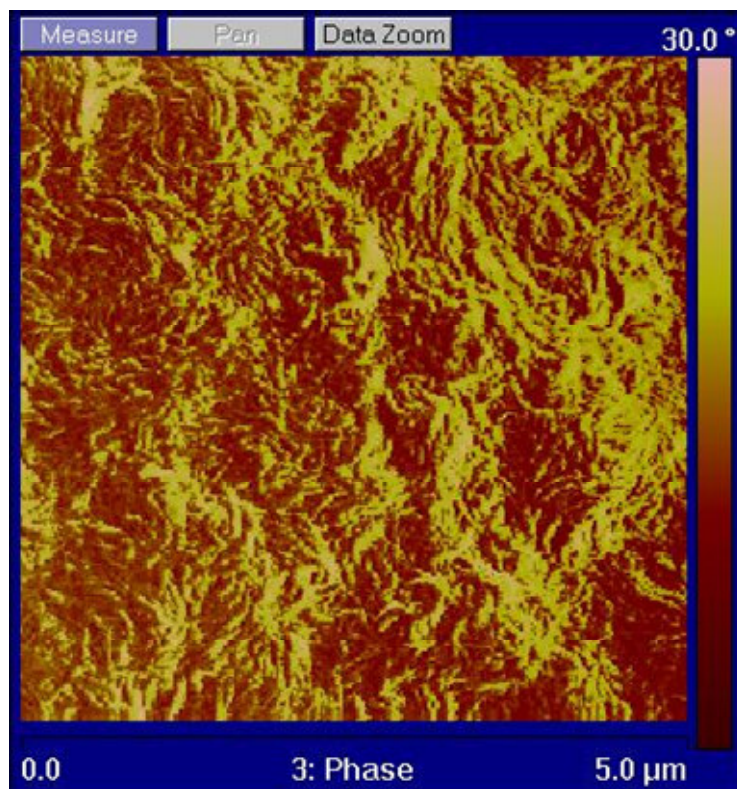
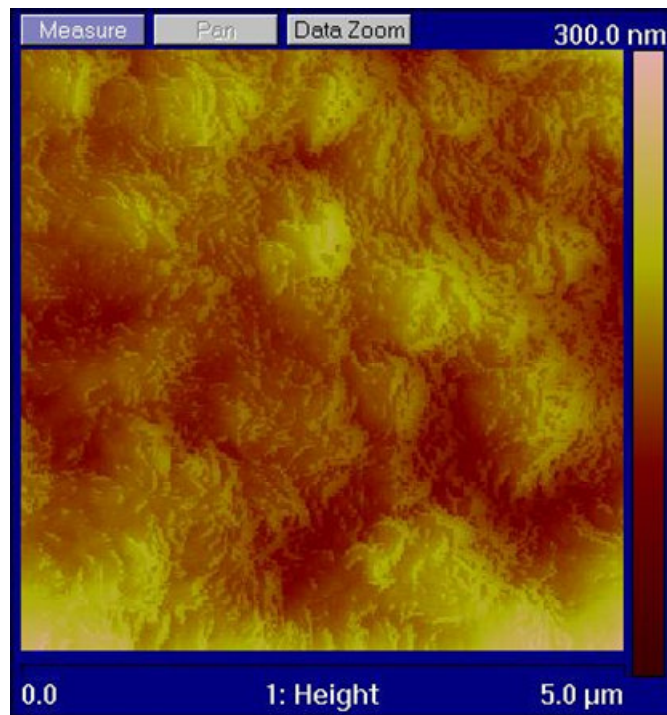
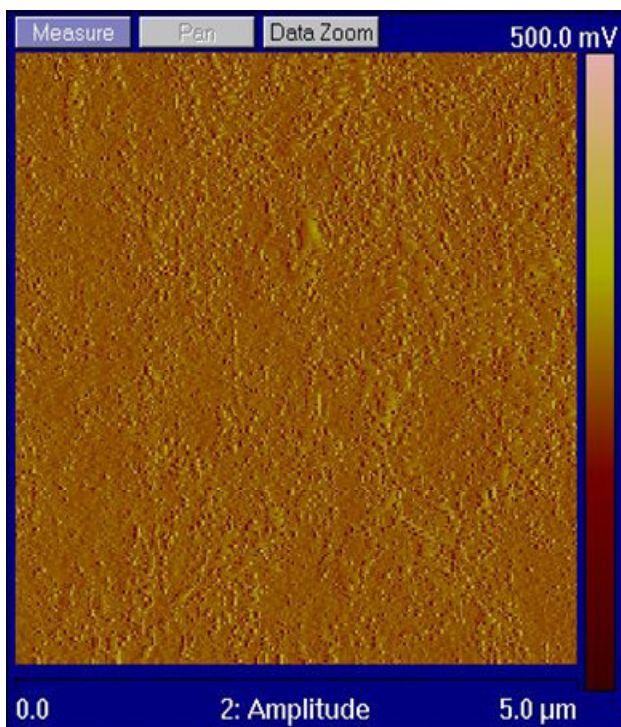
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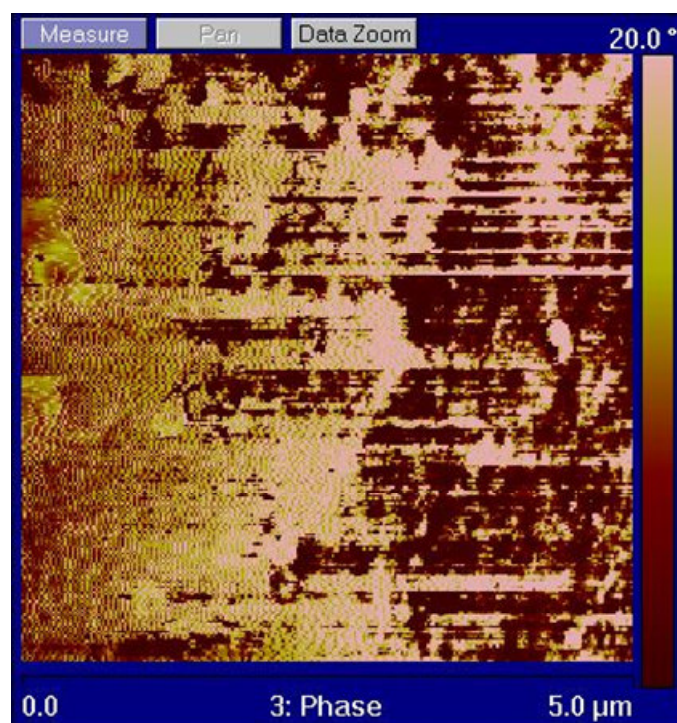
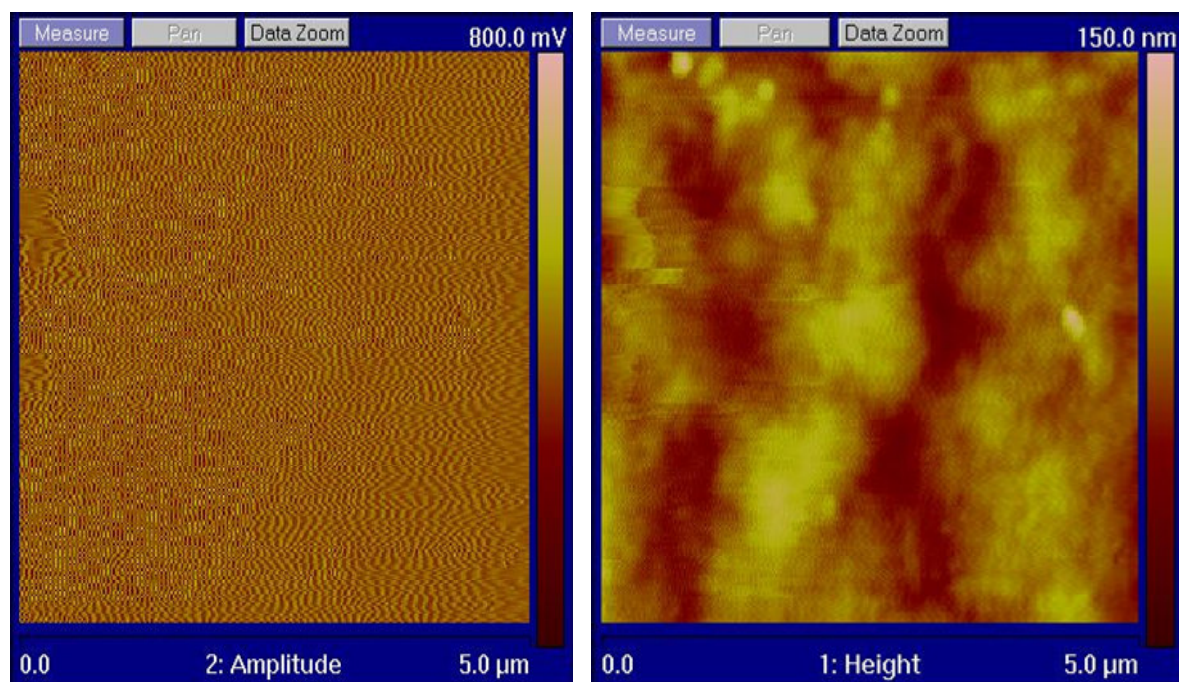
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AFM IMAGES



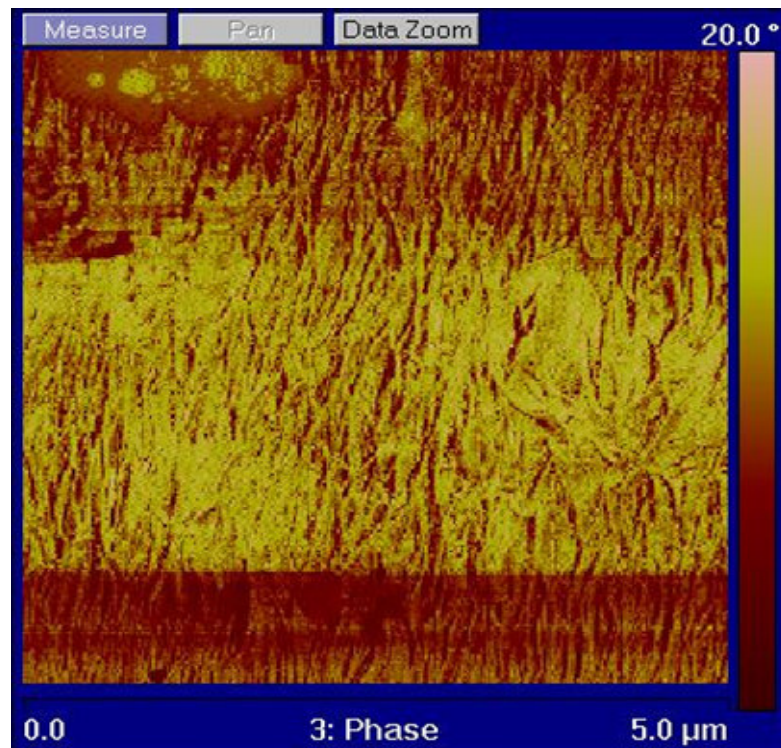
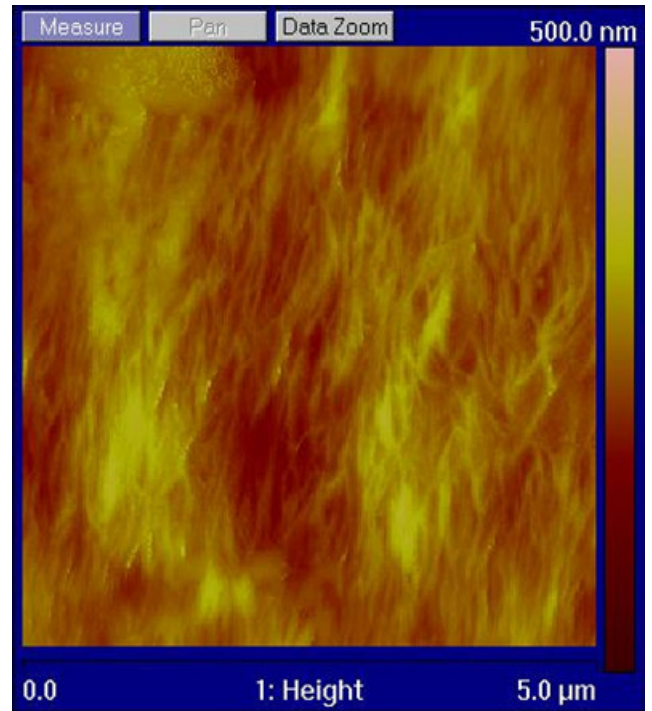
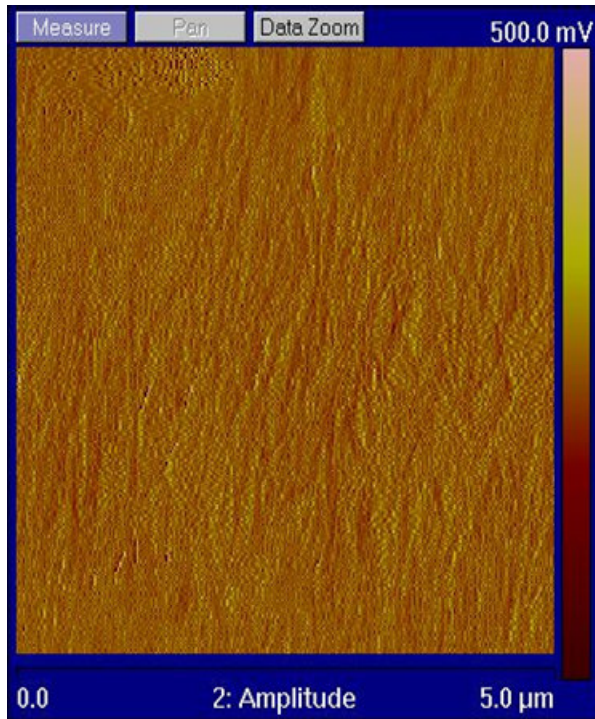
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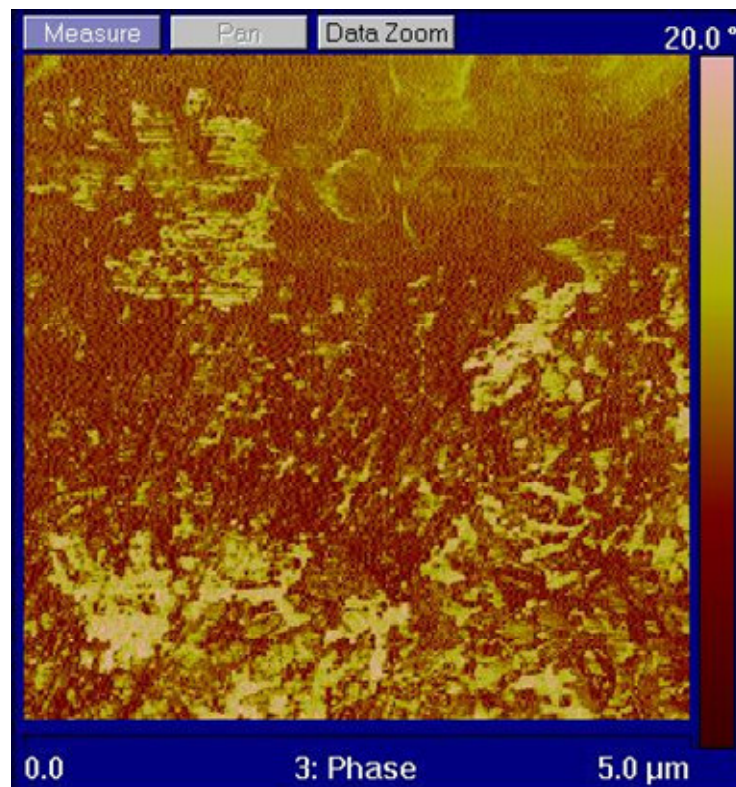
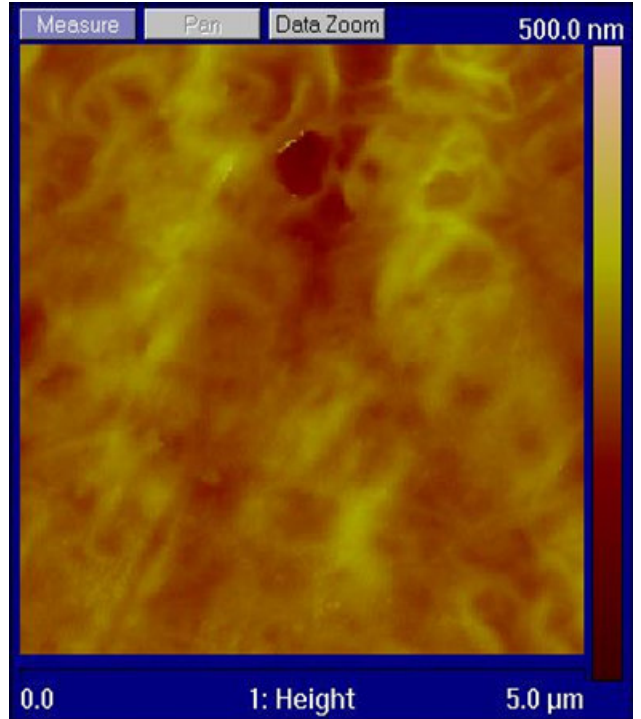
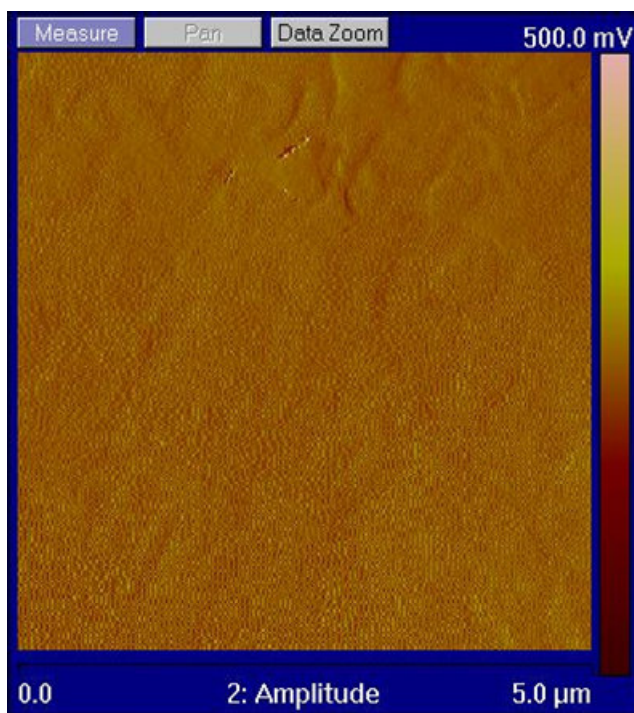
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AFM IMAGES



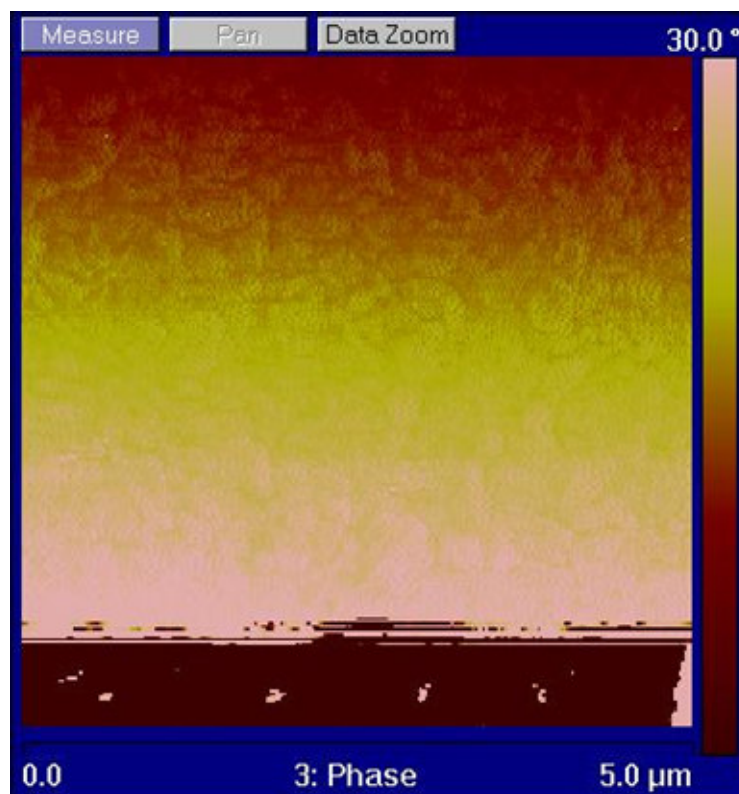
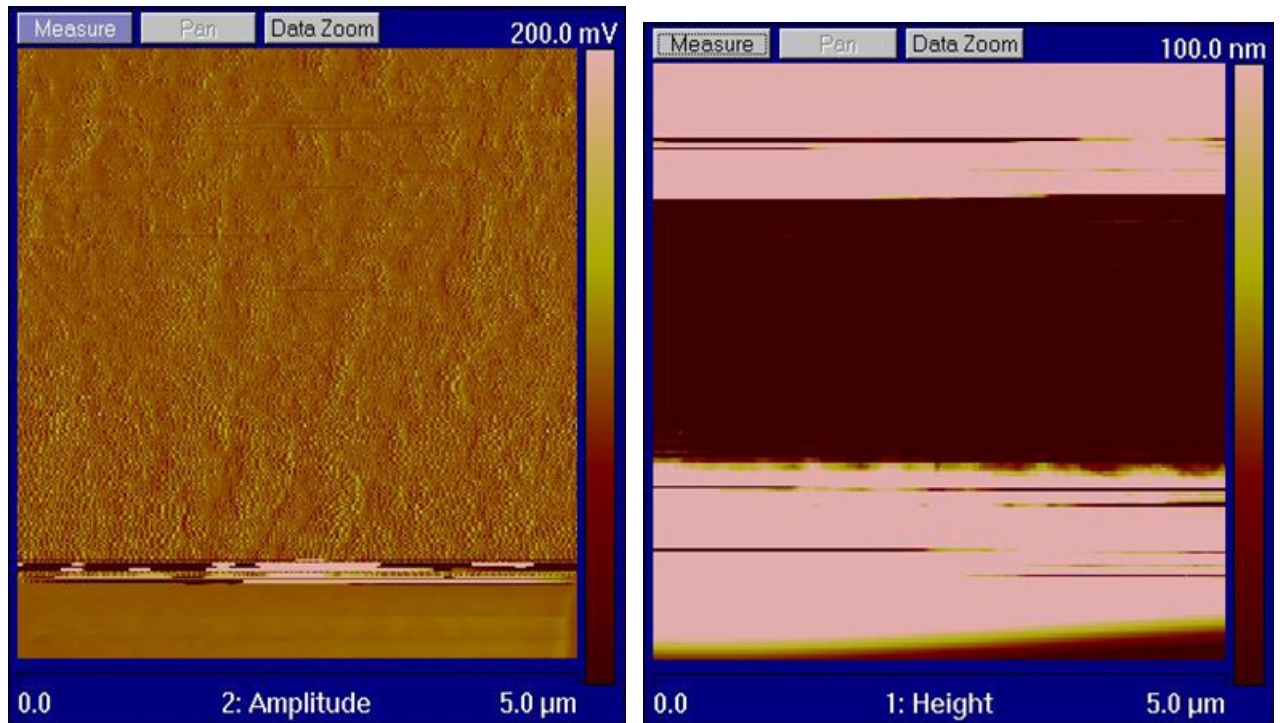
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AFM IMAGES



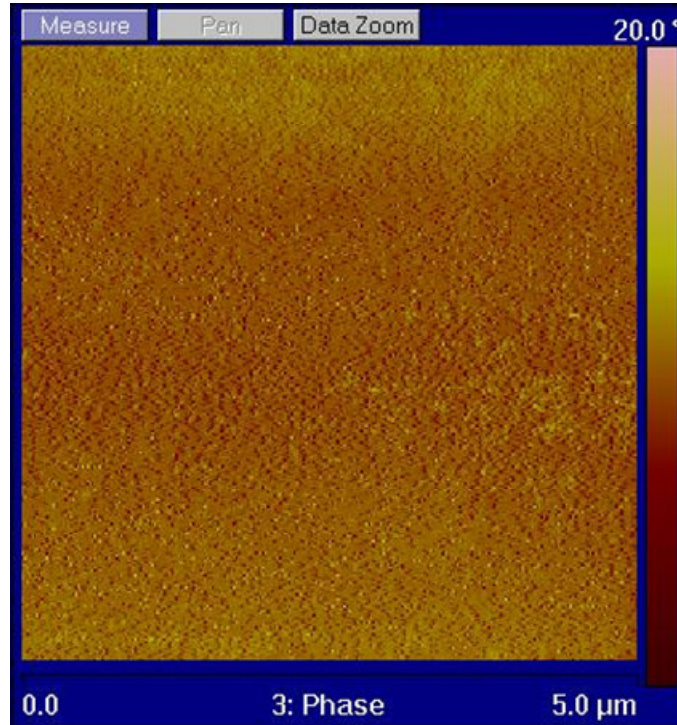
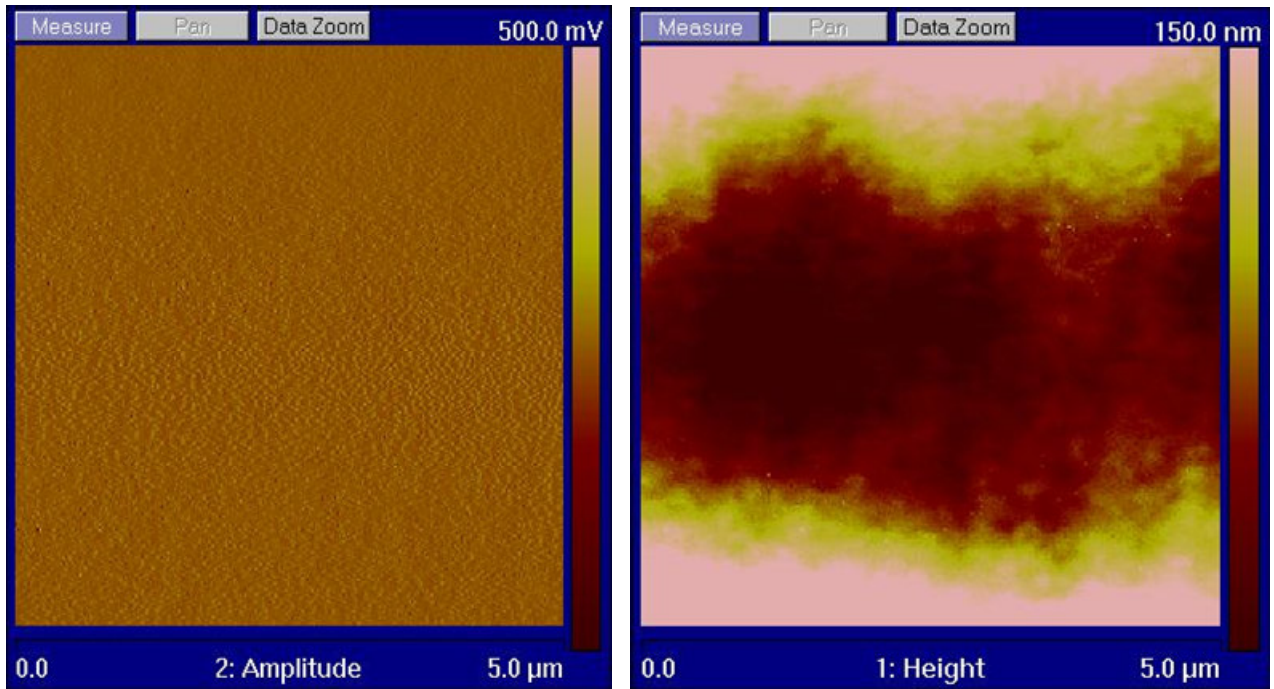
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AFM IMAGES



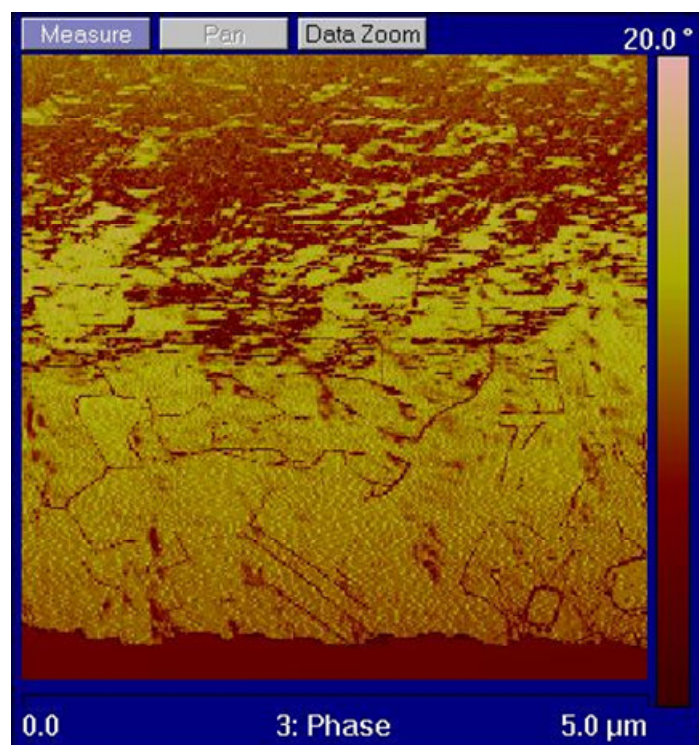
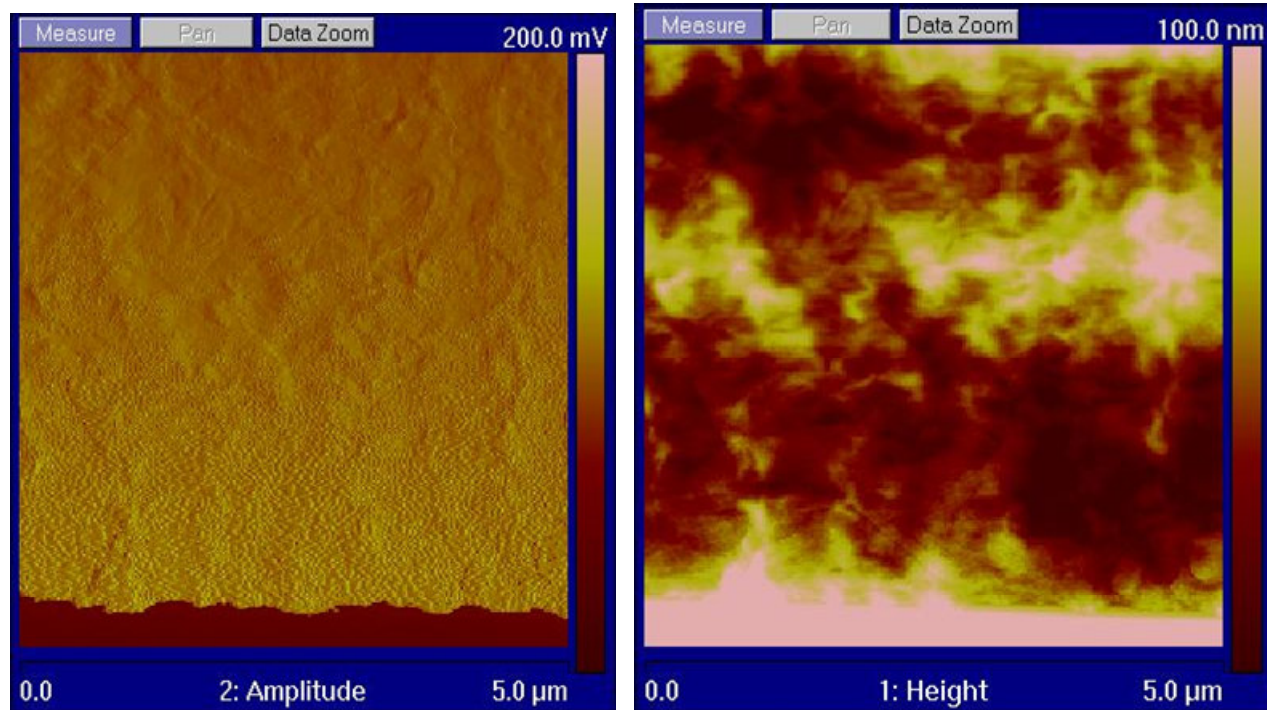
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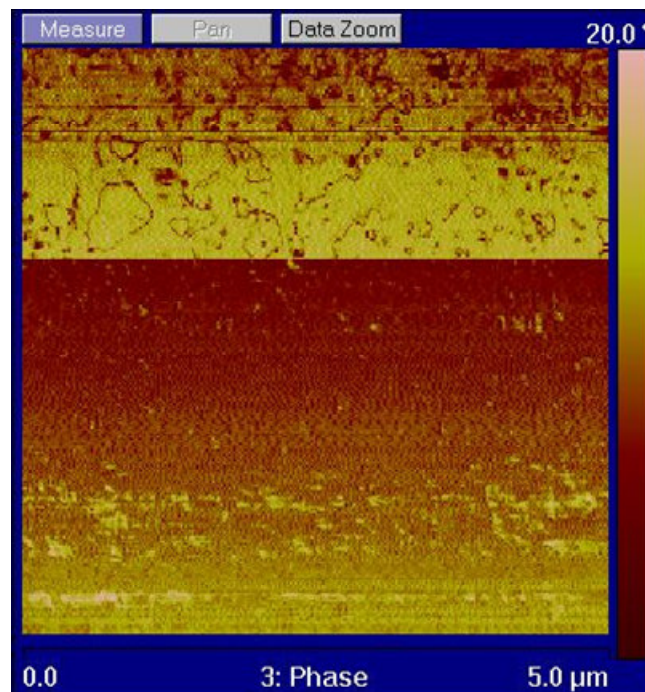
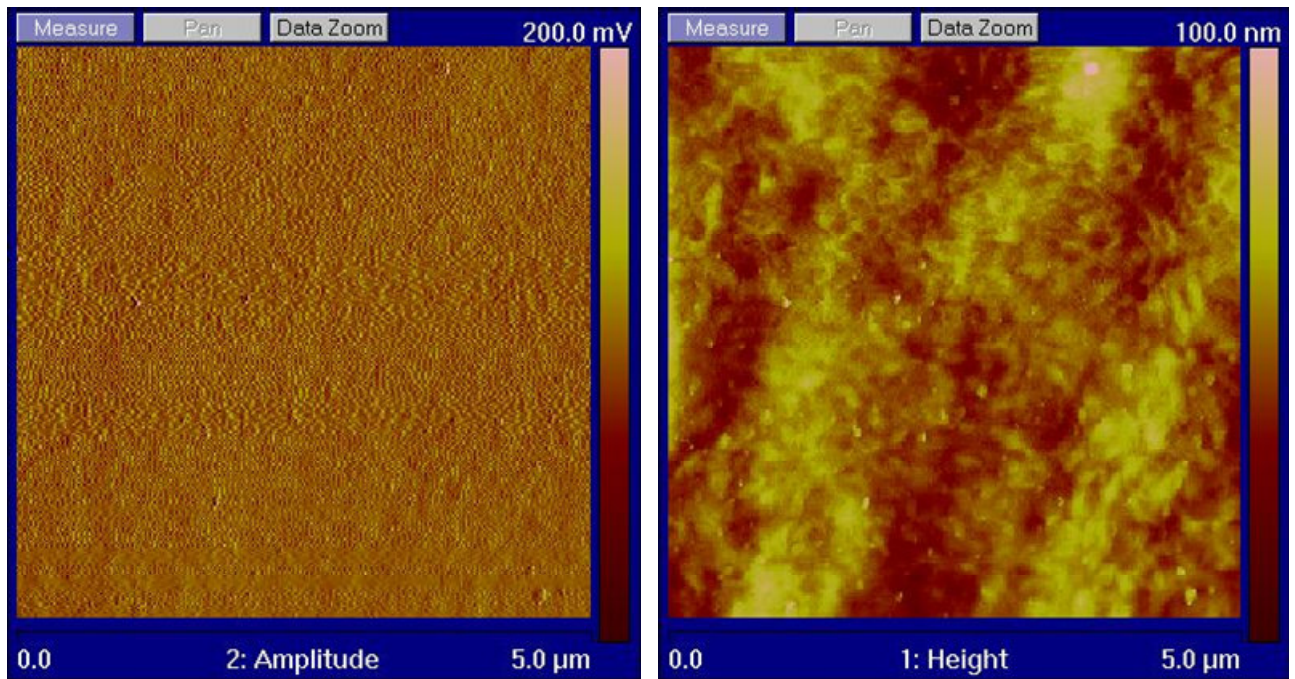
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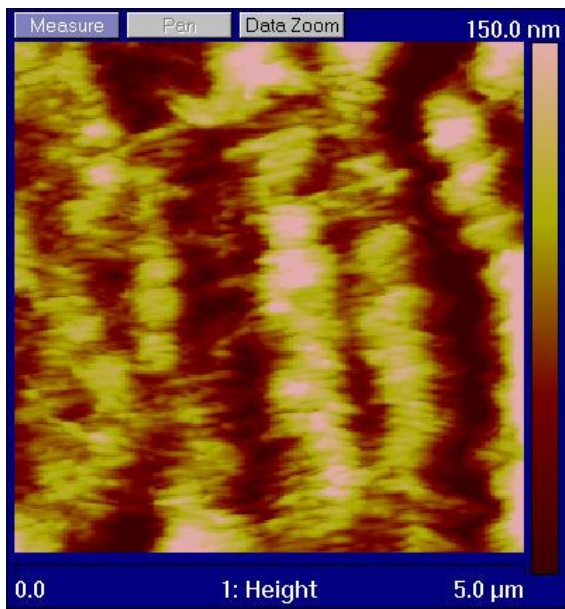
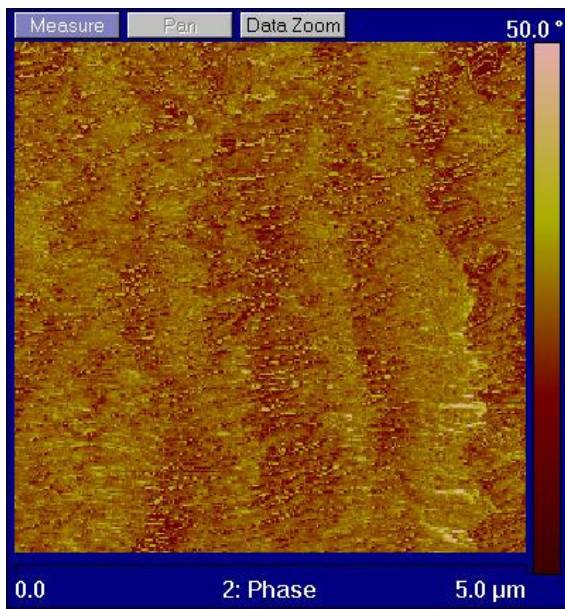


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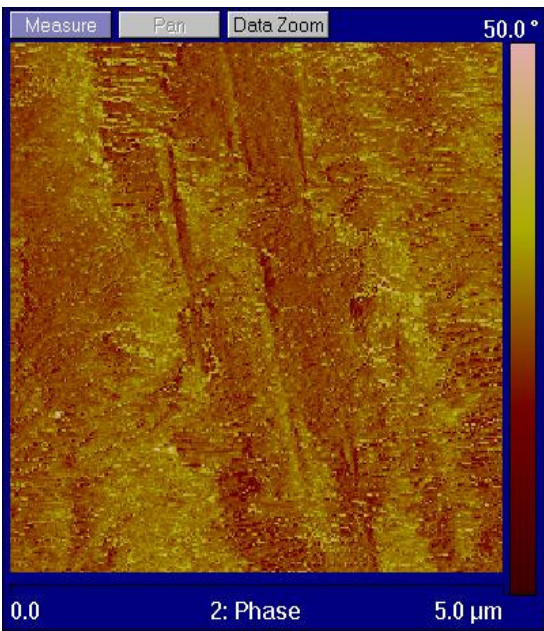
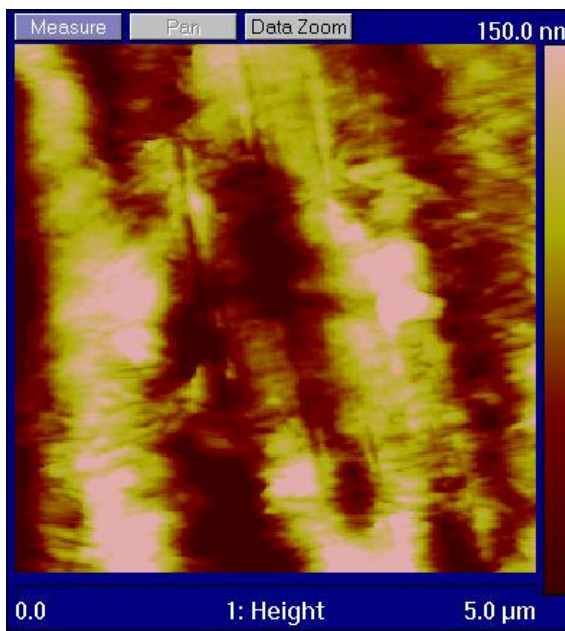
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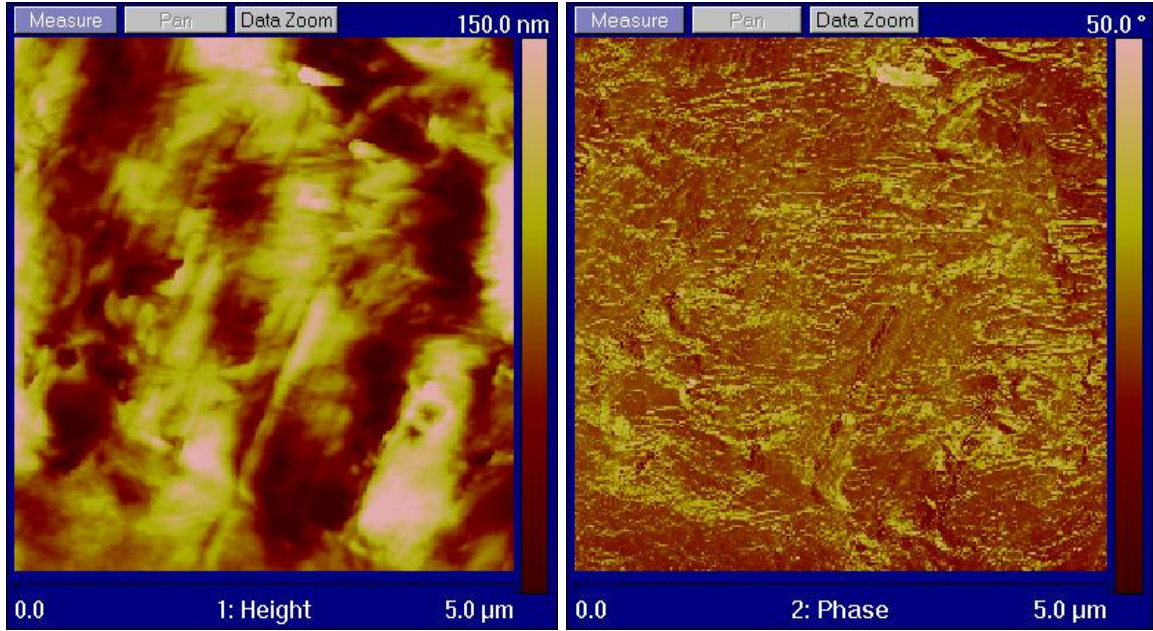
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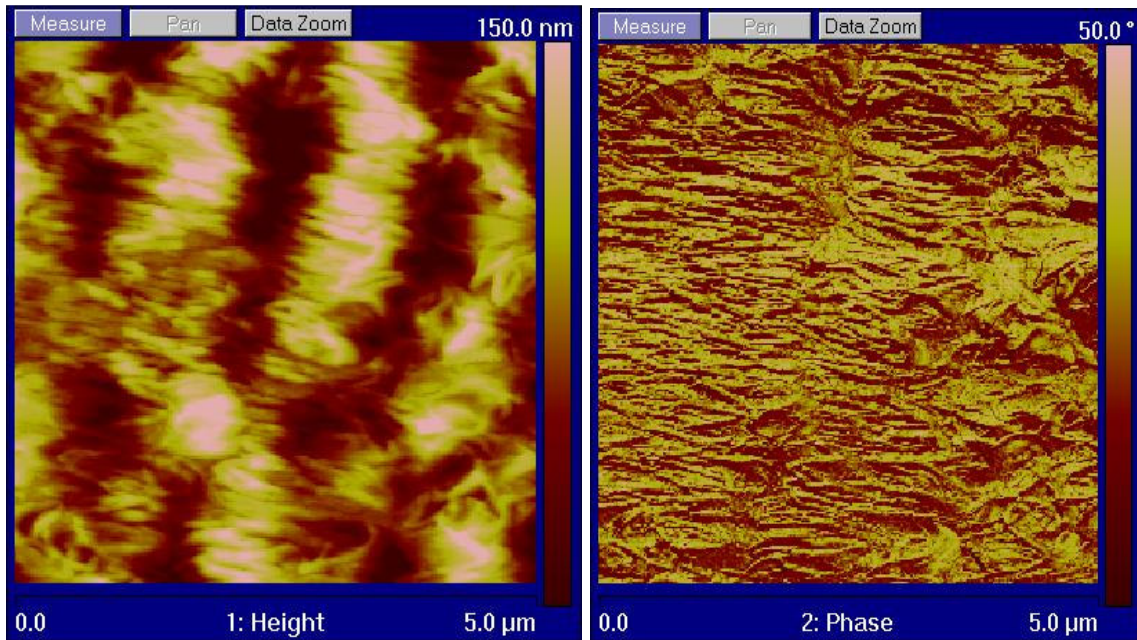
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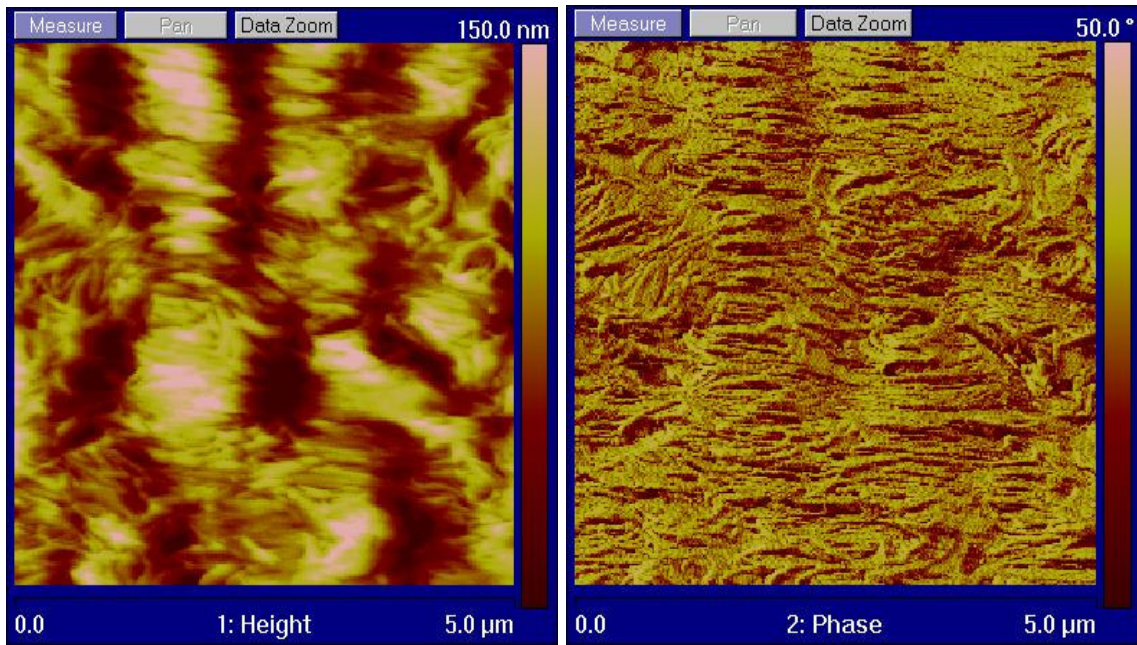
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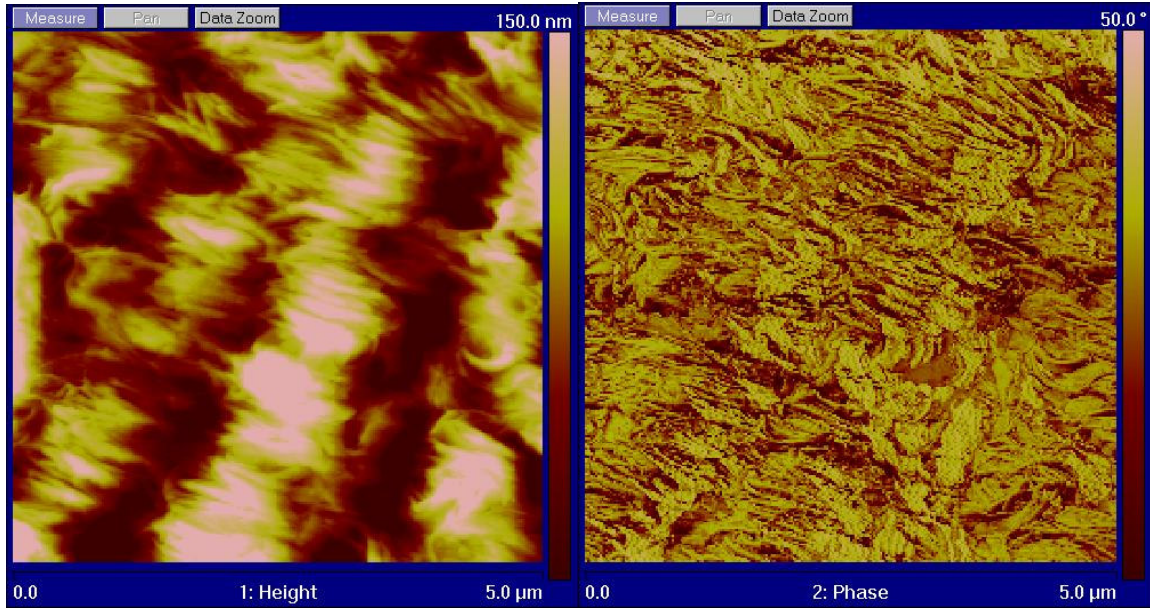
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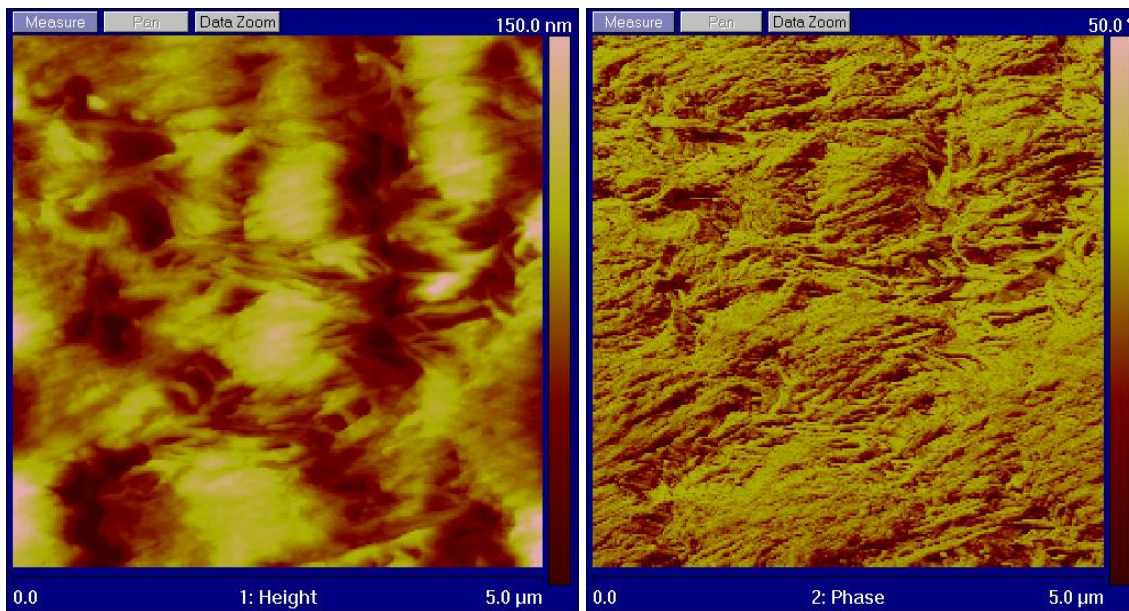
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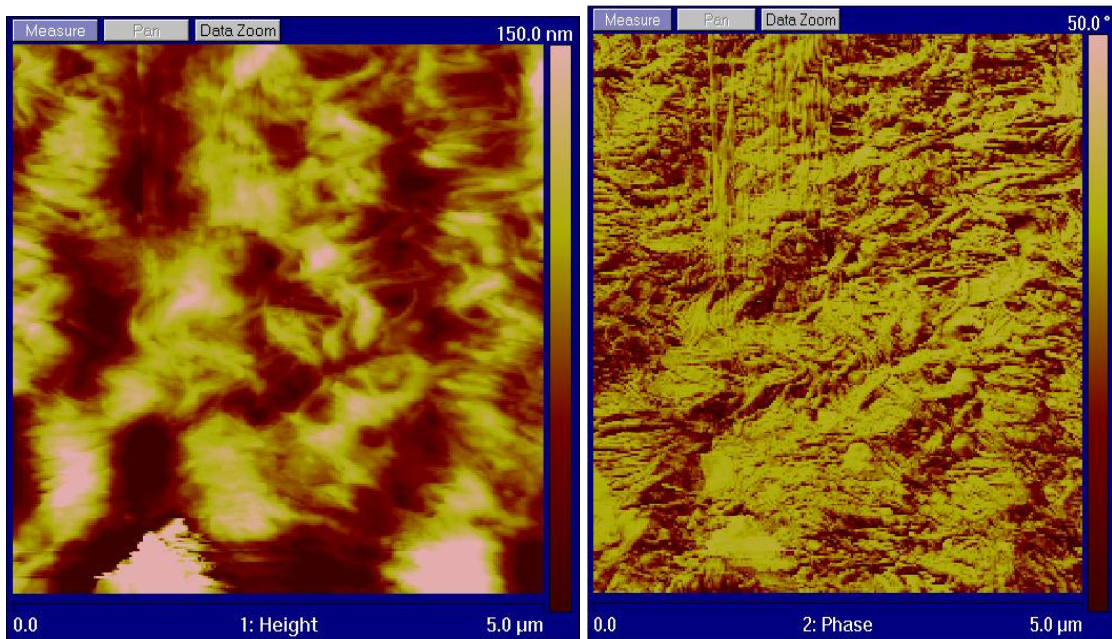
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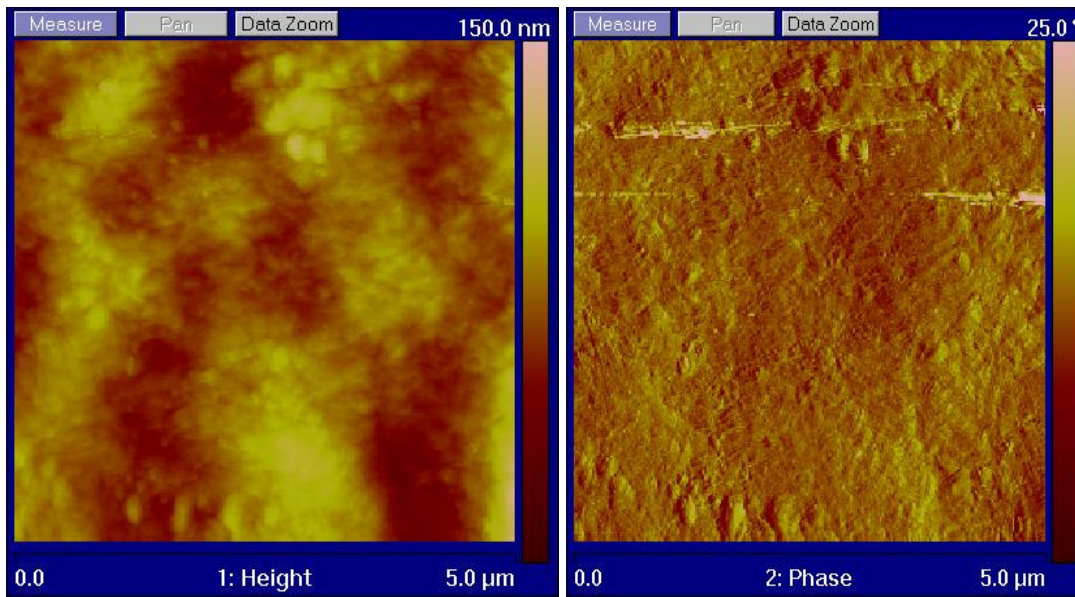
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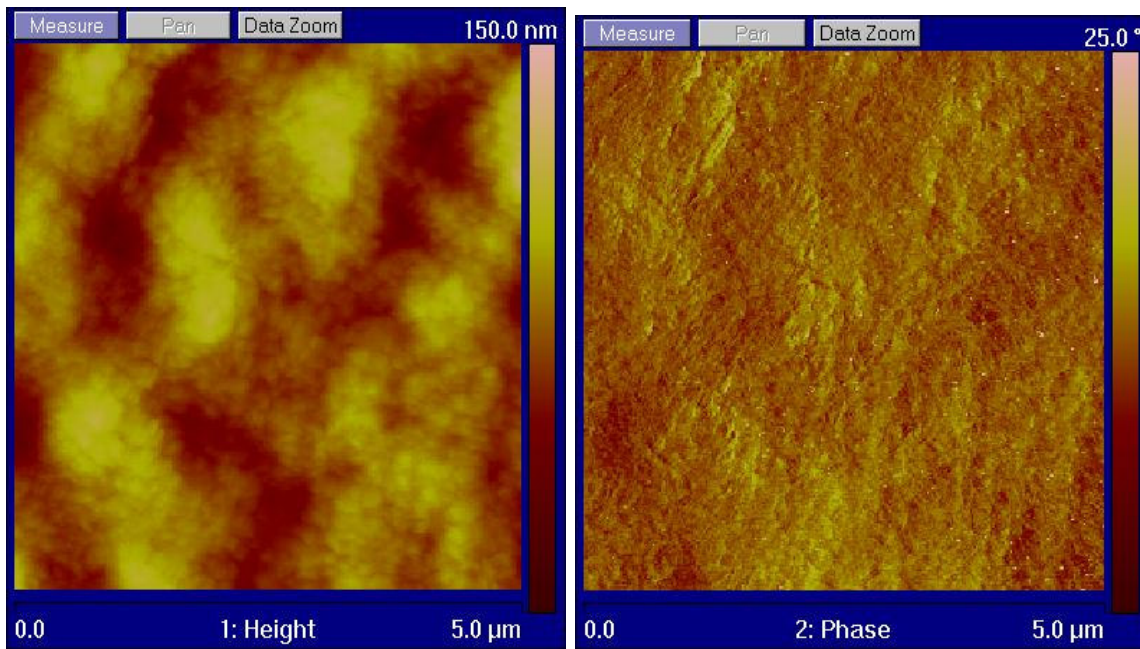
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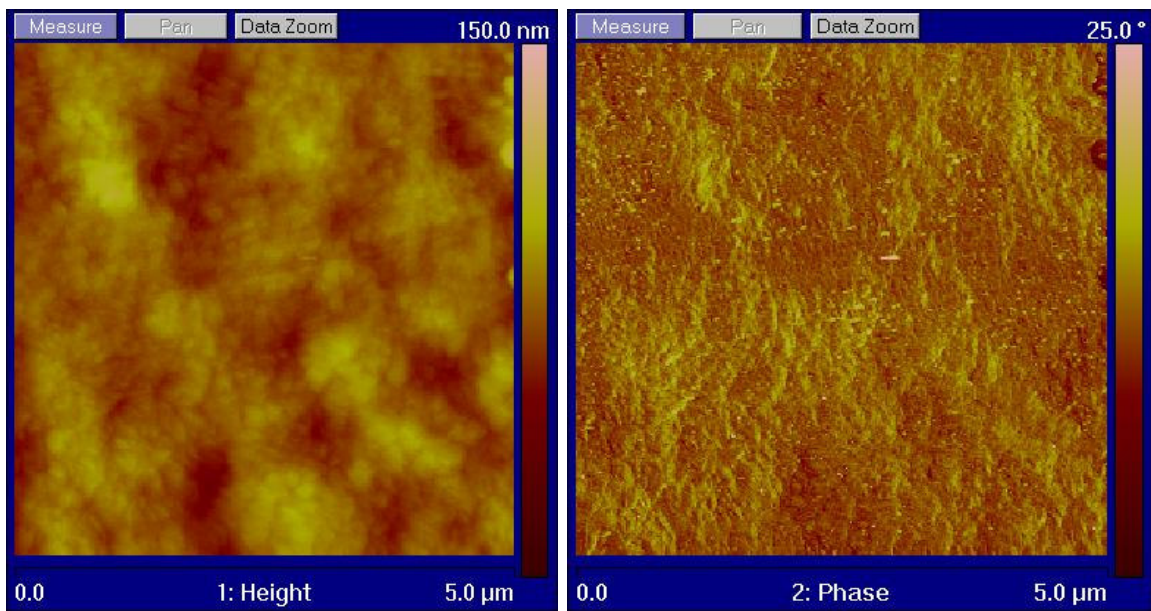
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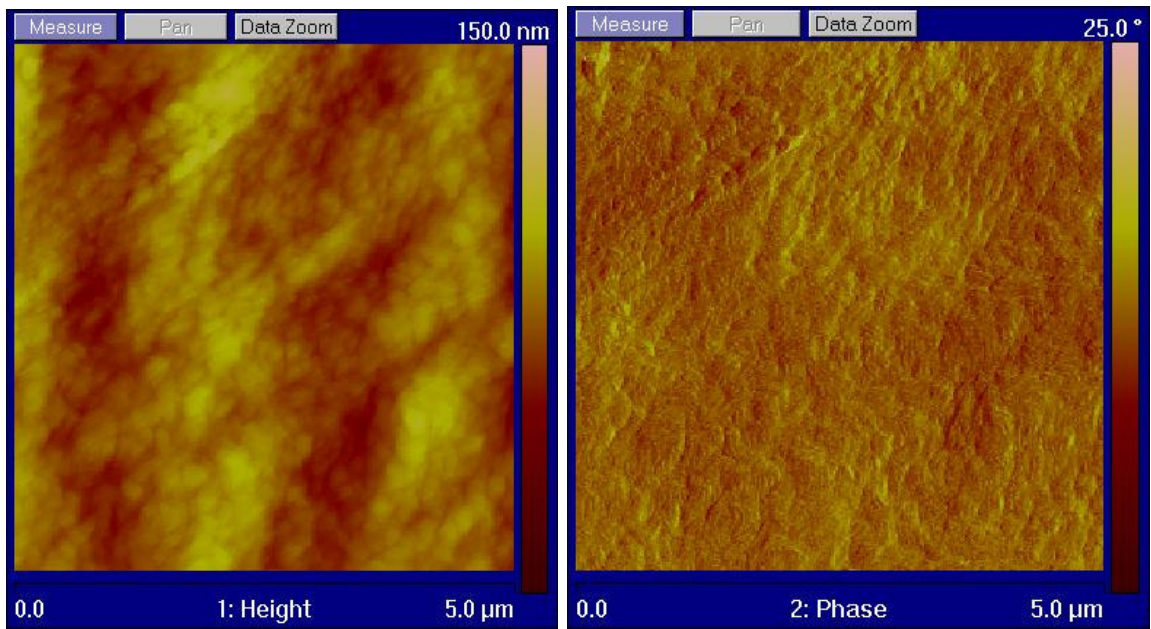
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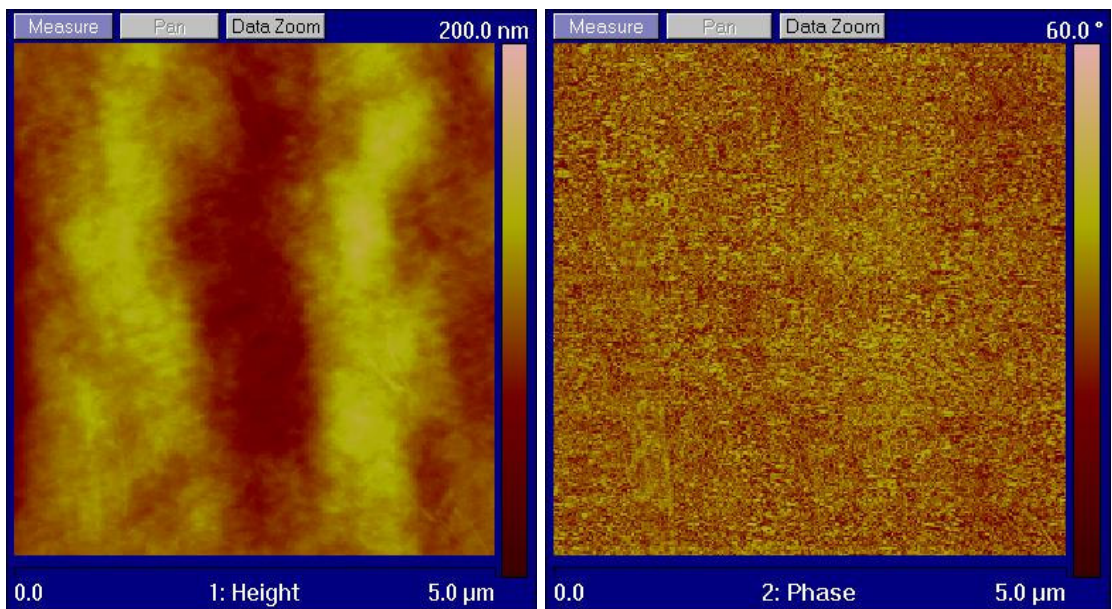
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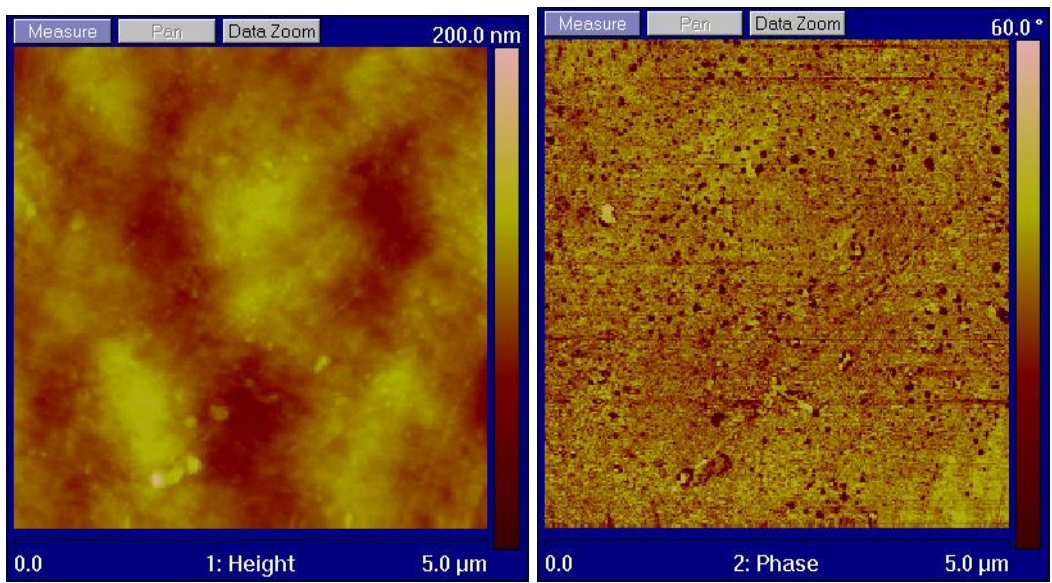
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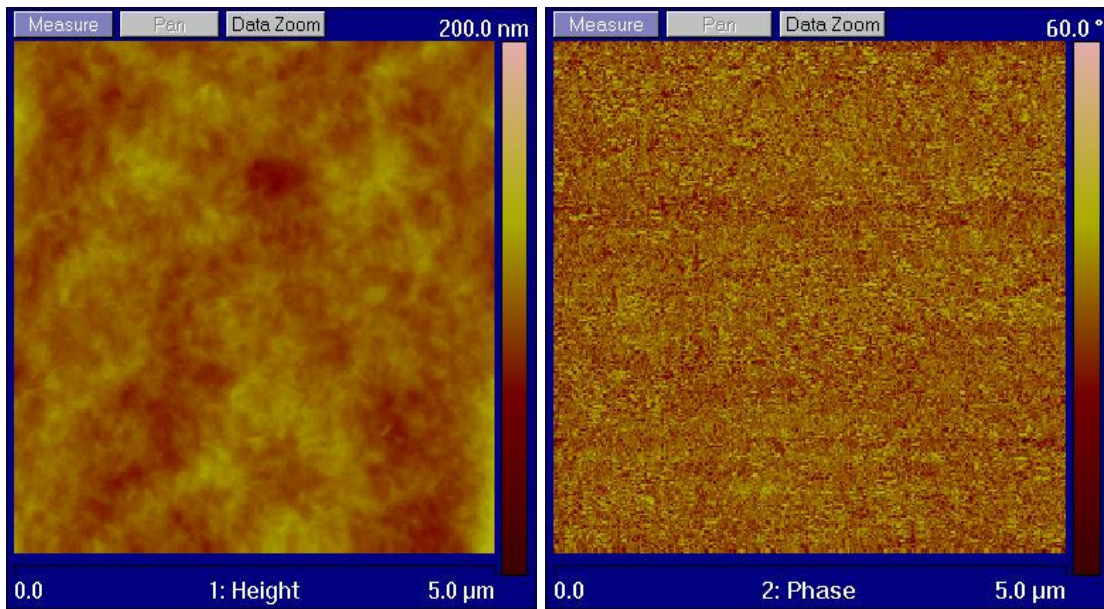
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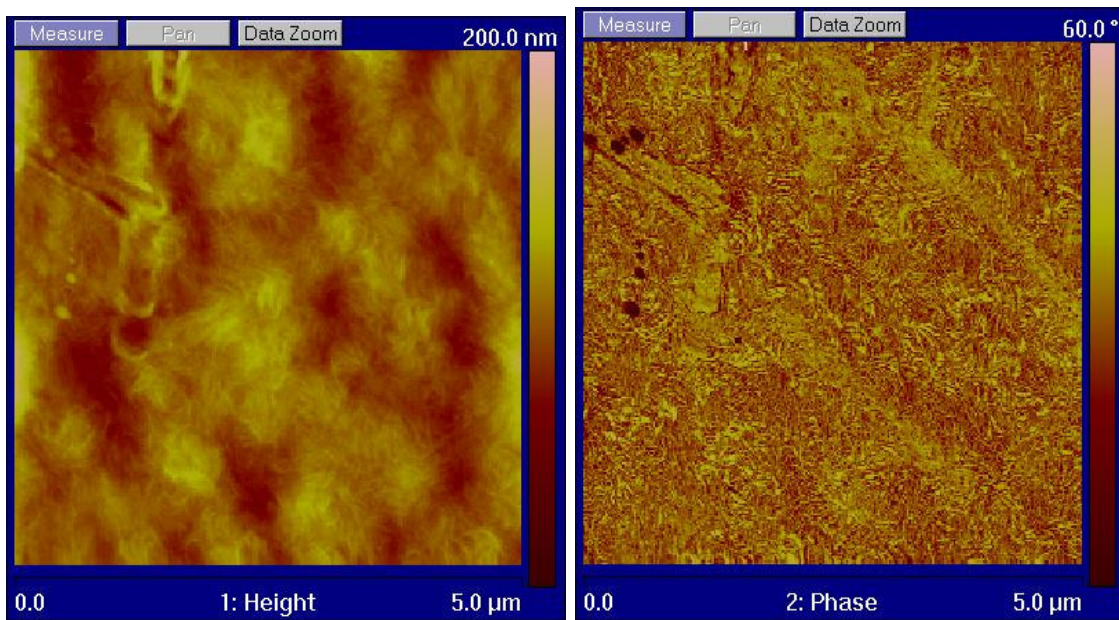
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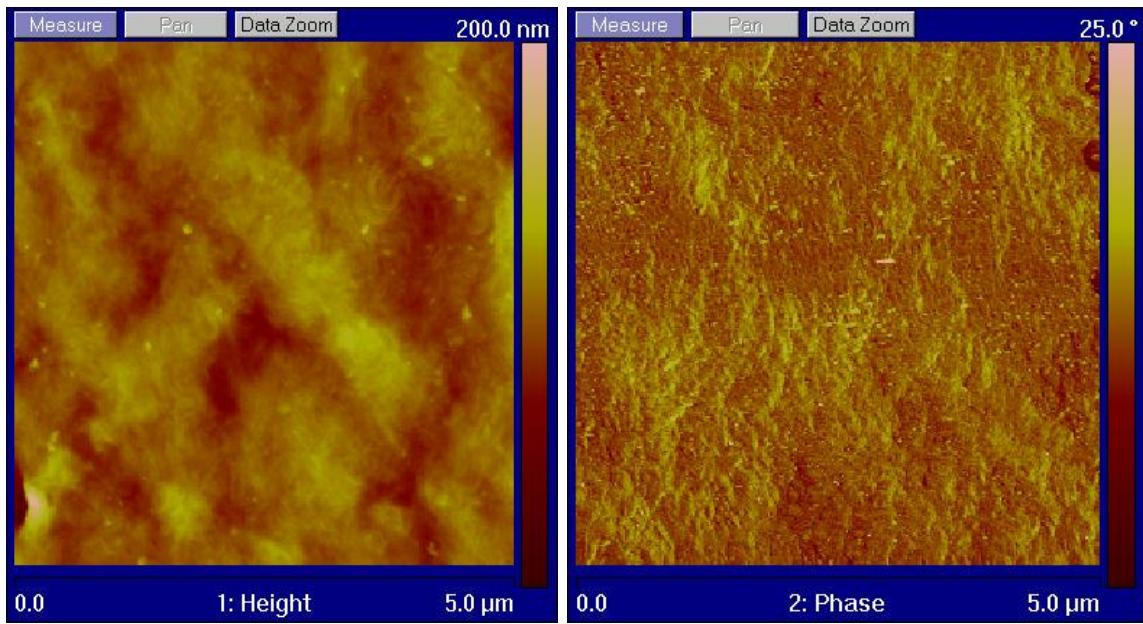
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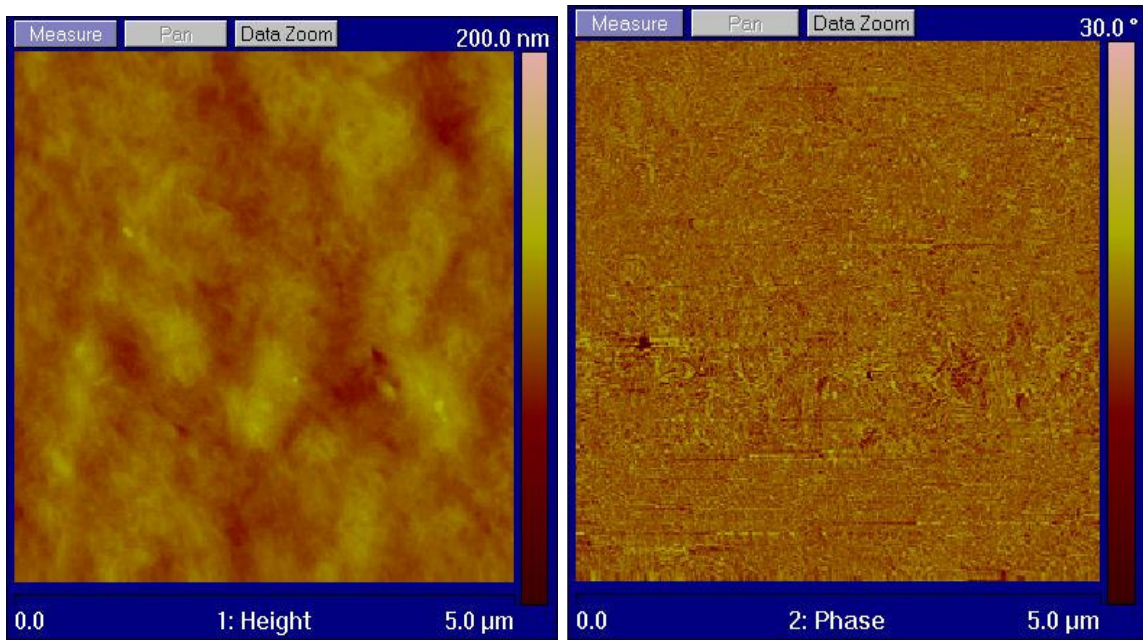
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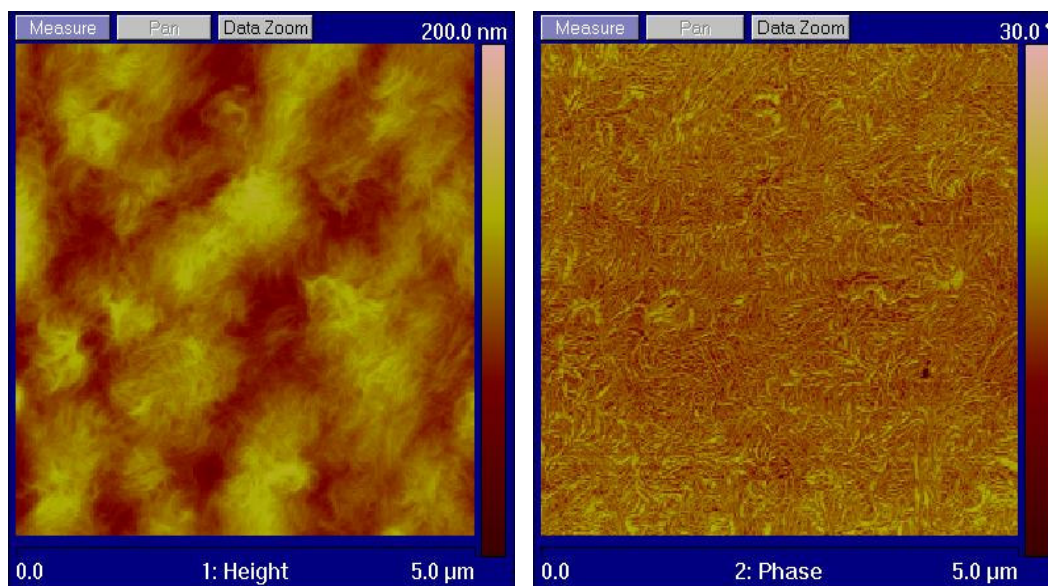
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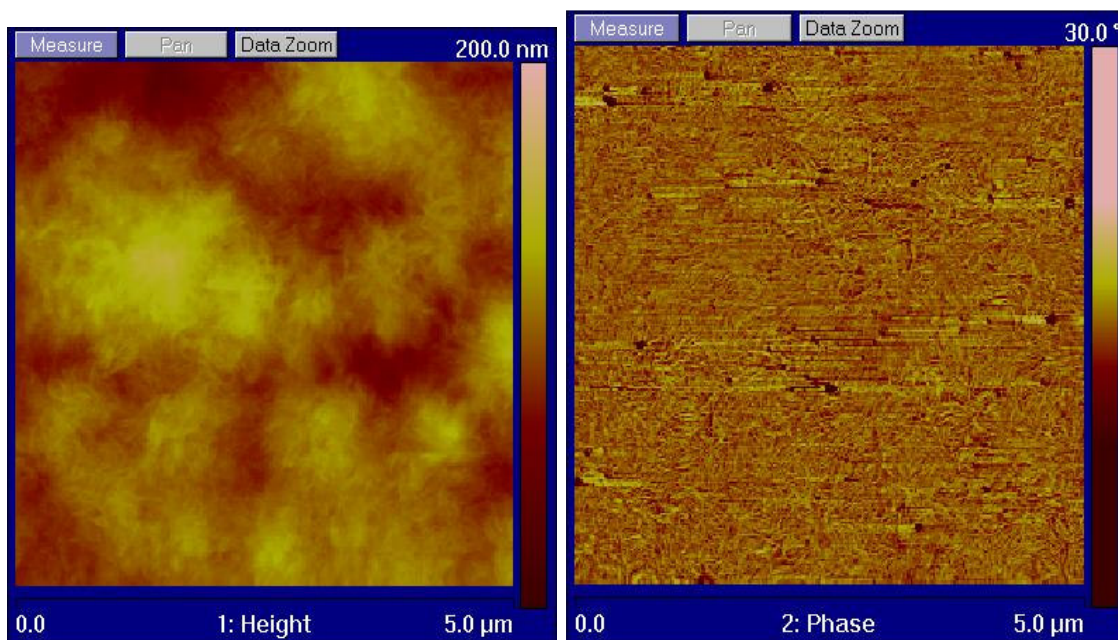
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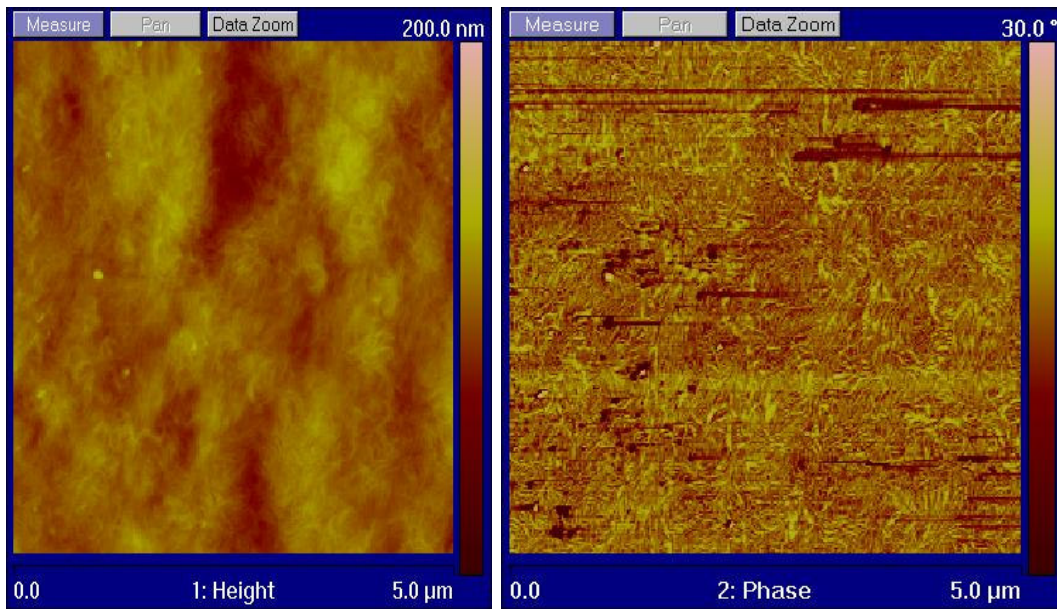
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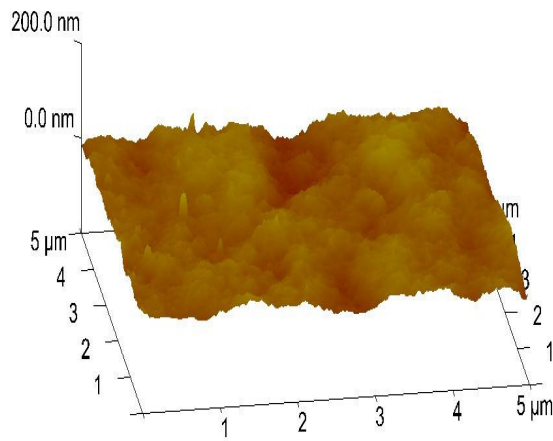
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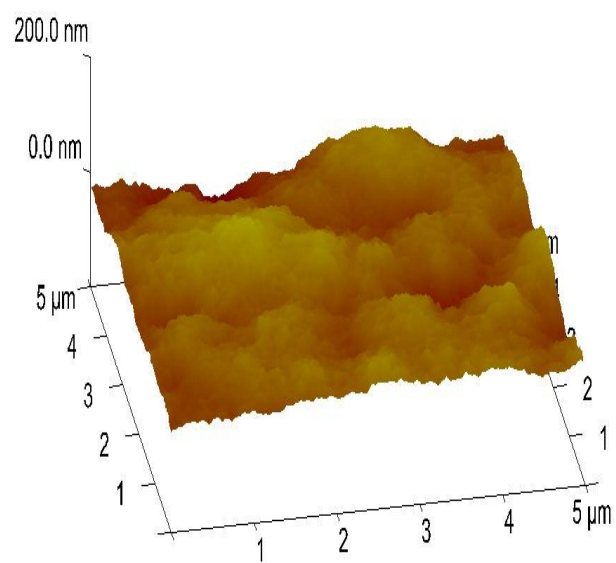
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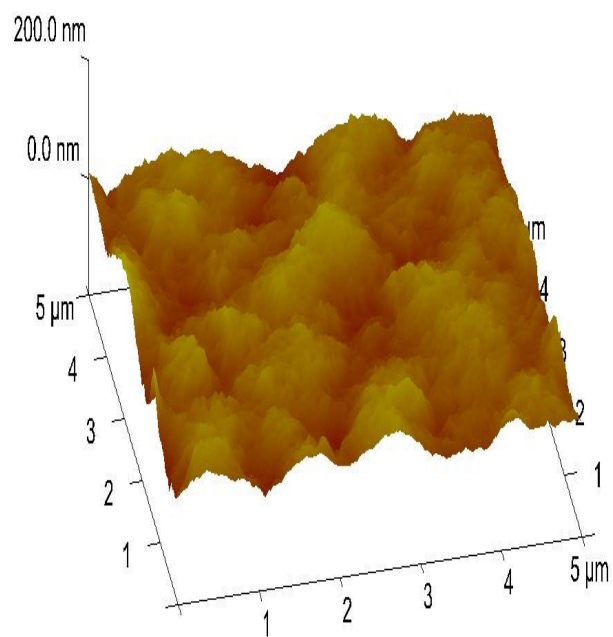
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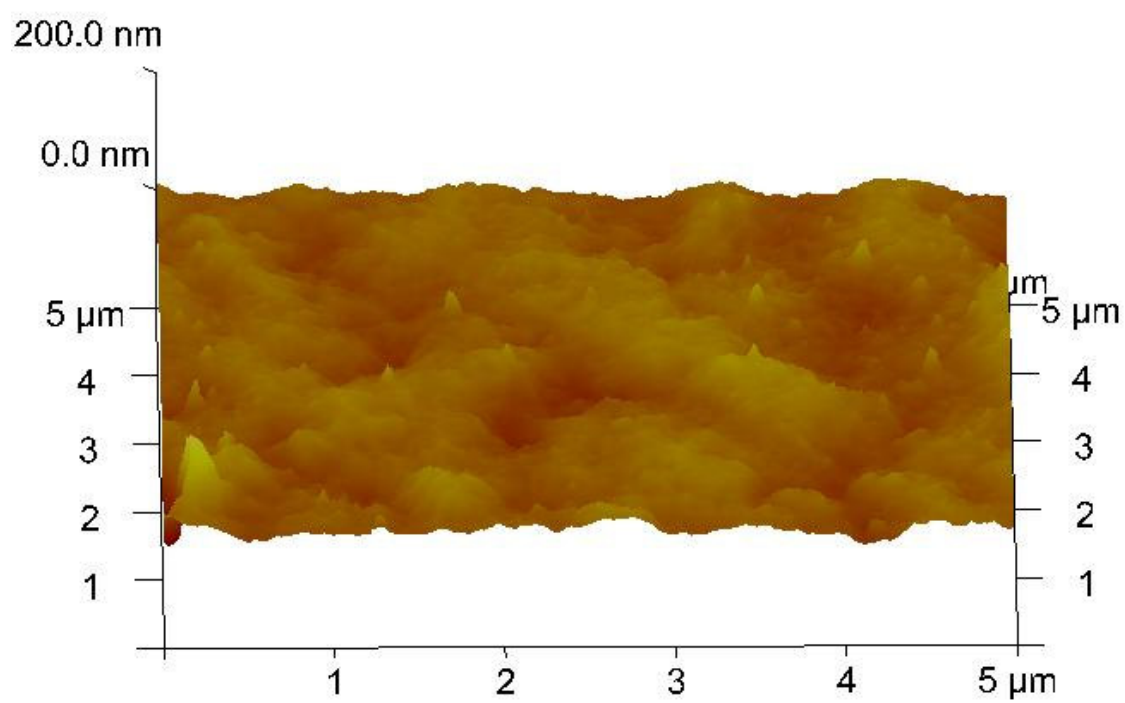
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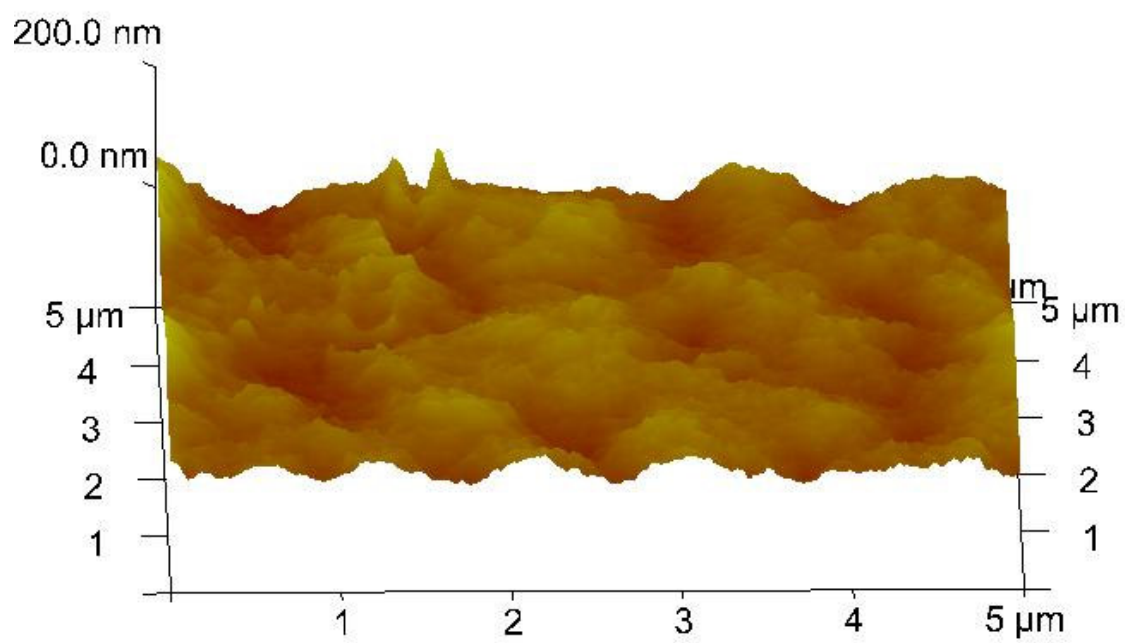
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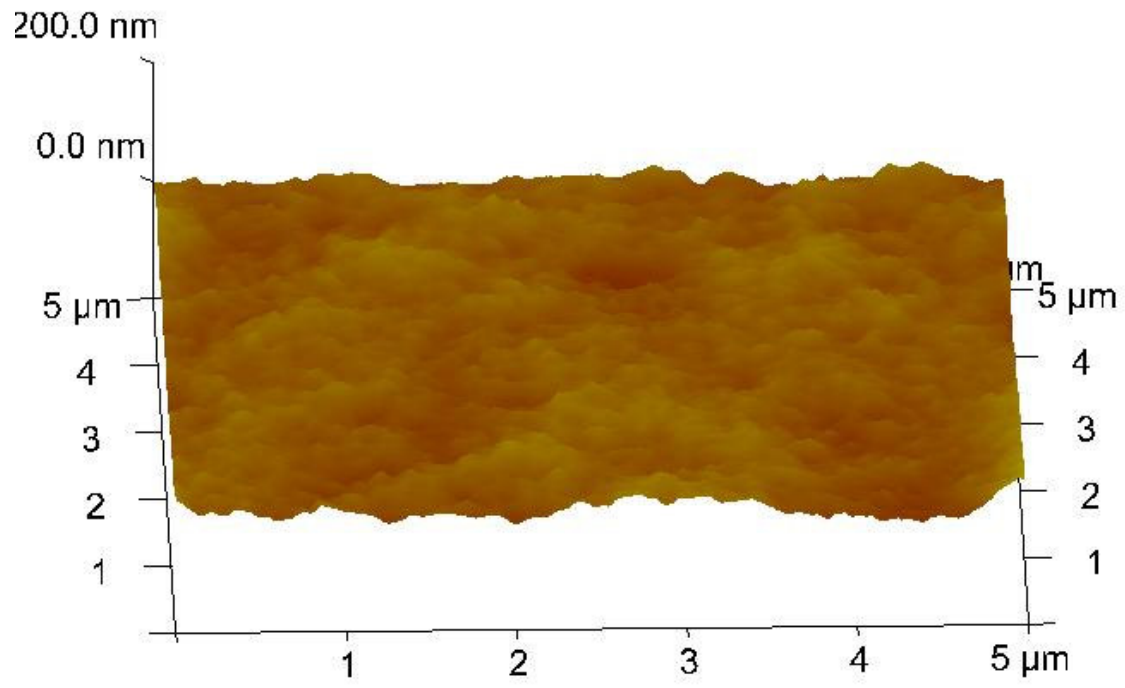
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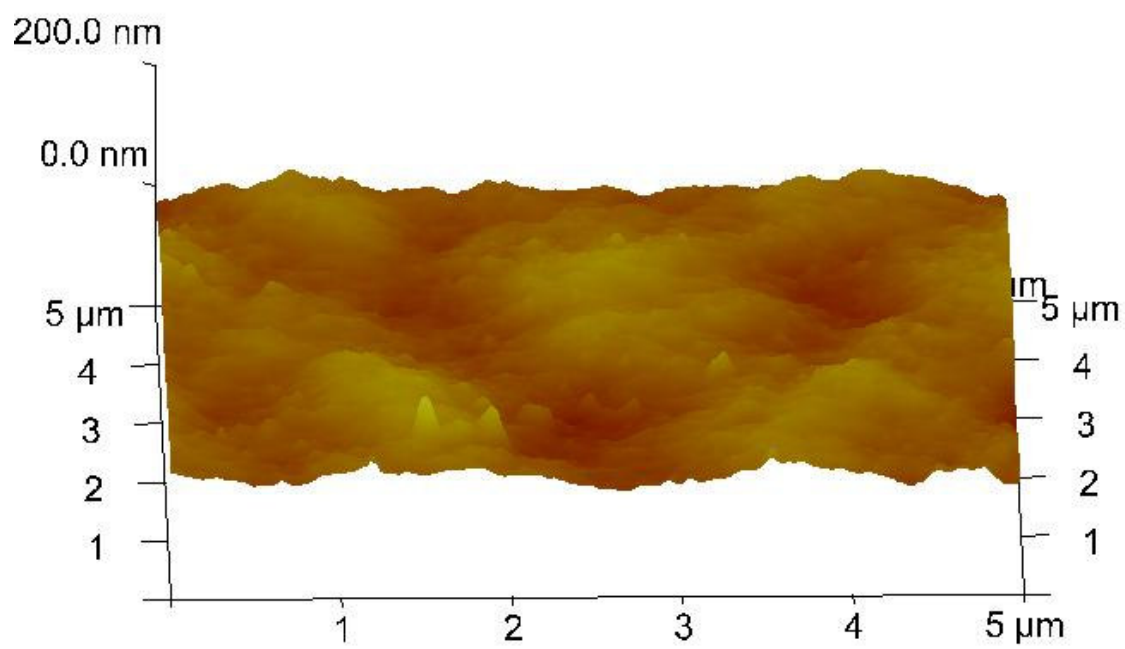
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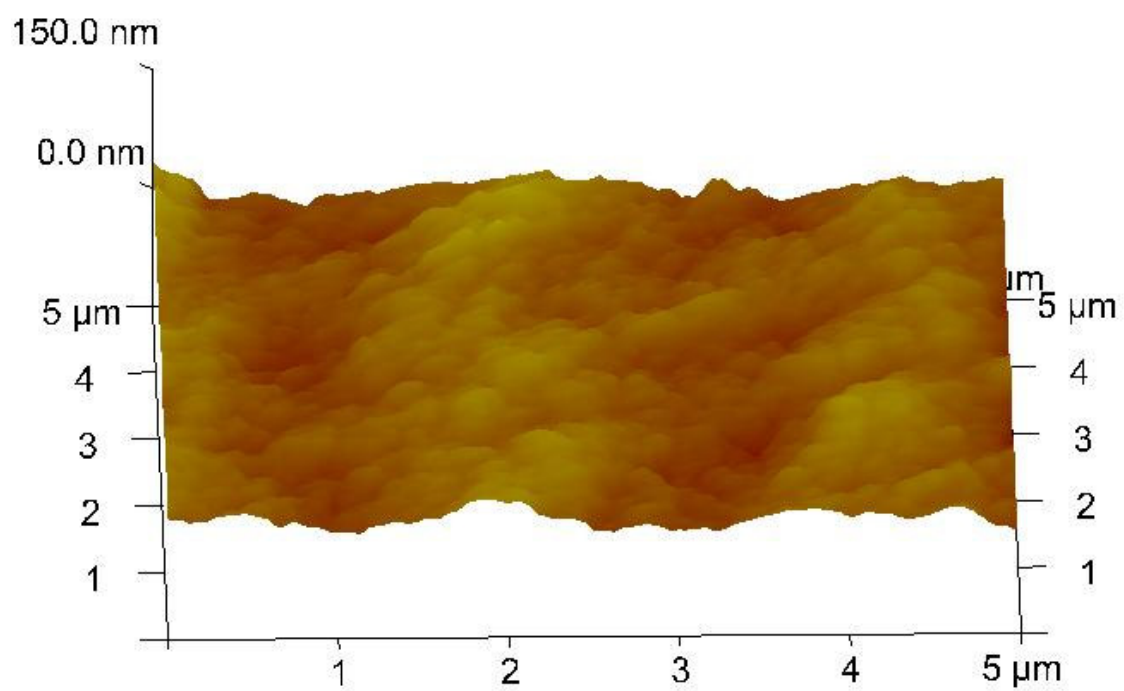
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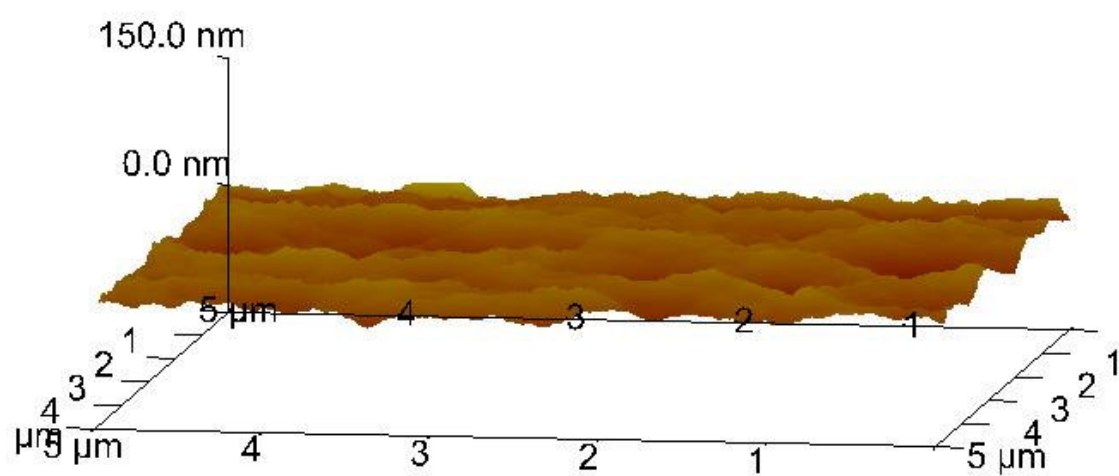
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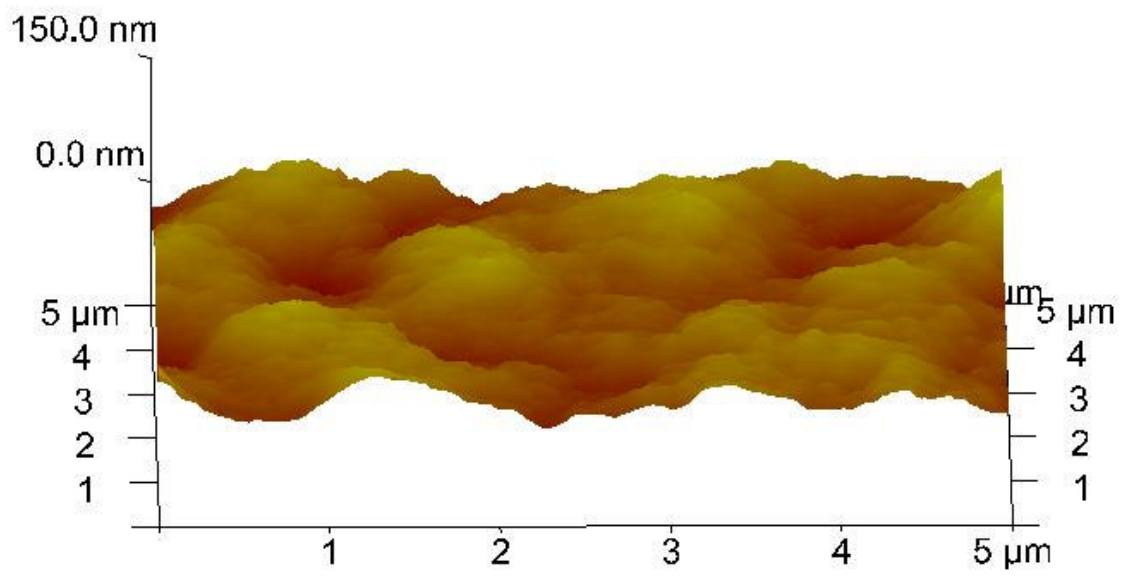
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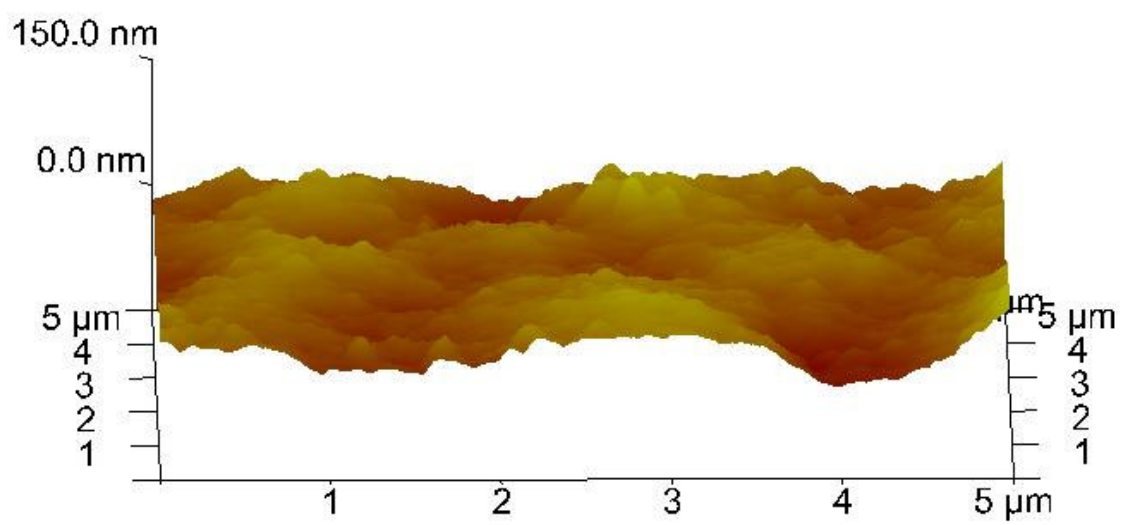
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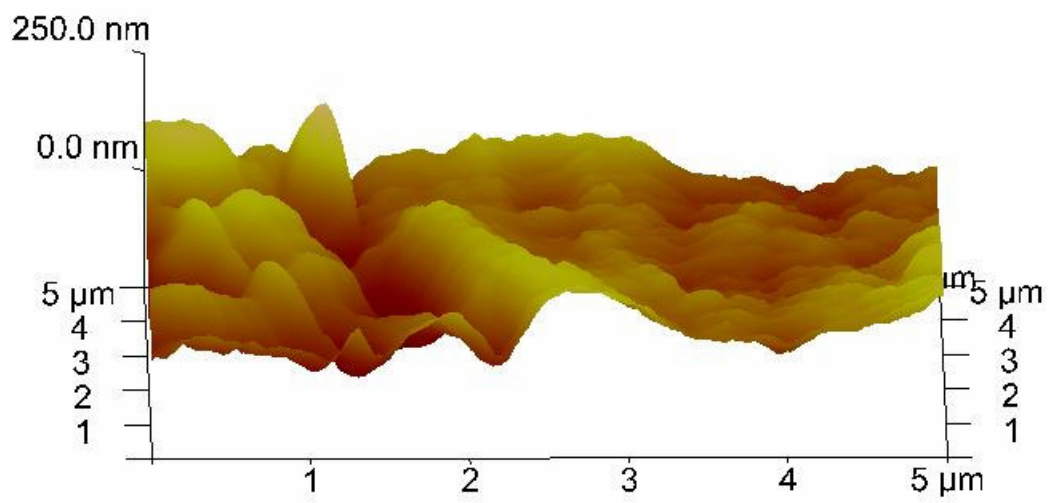
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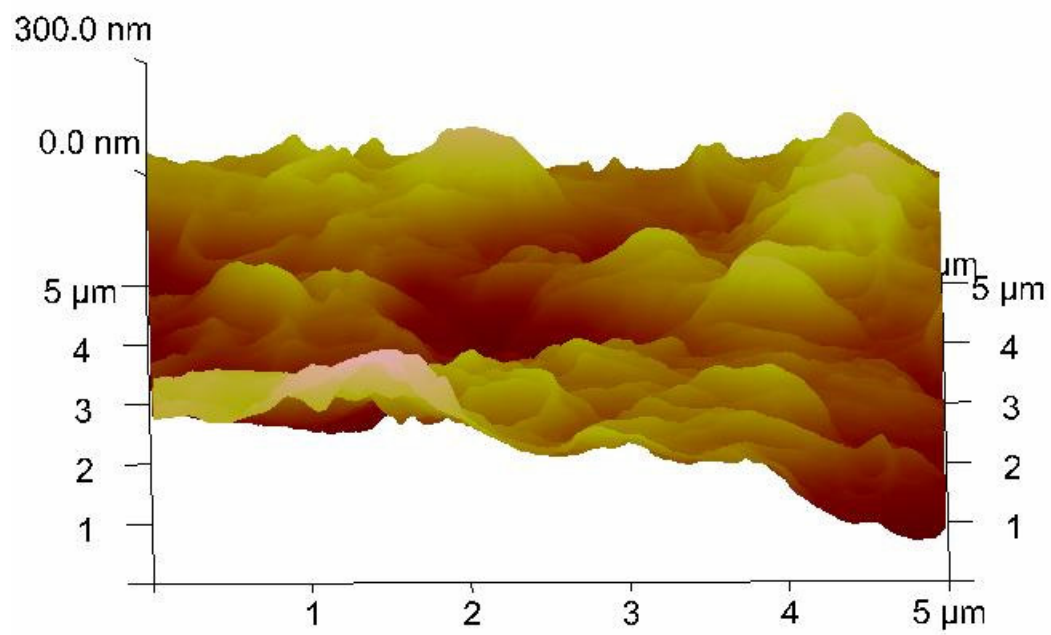
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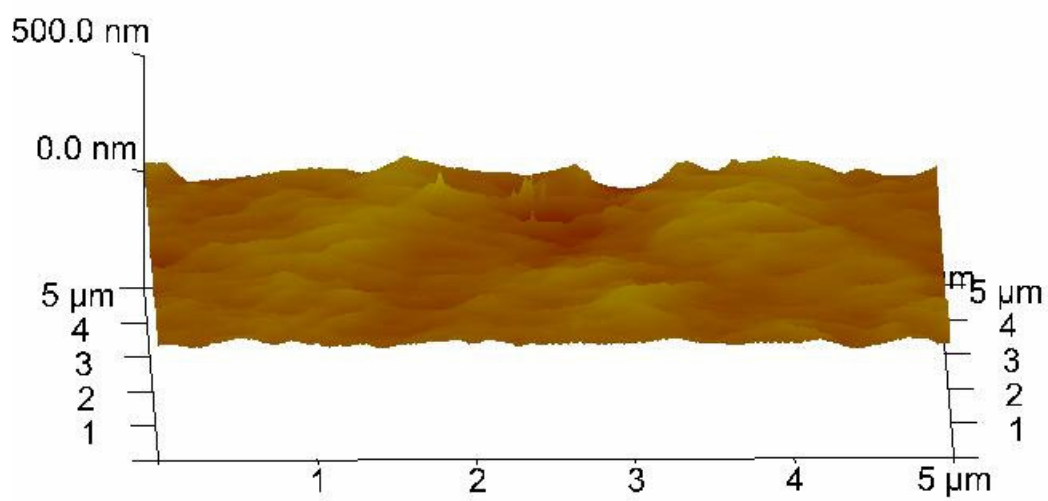
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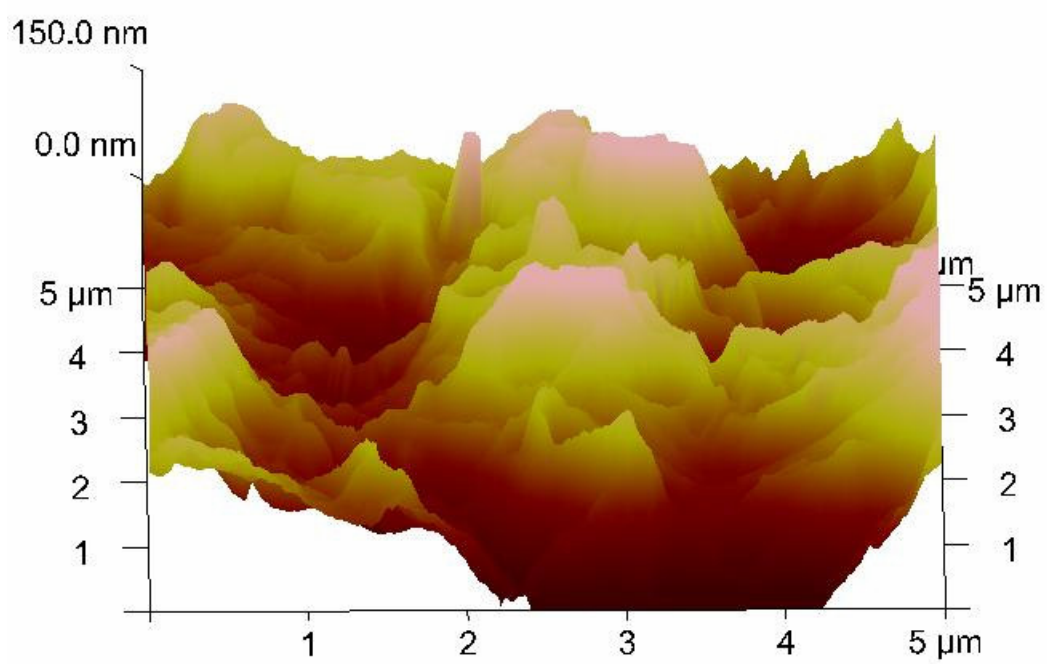
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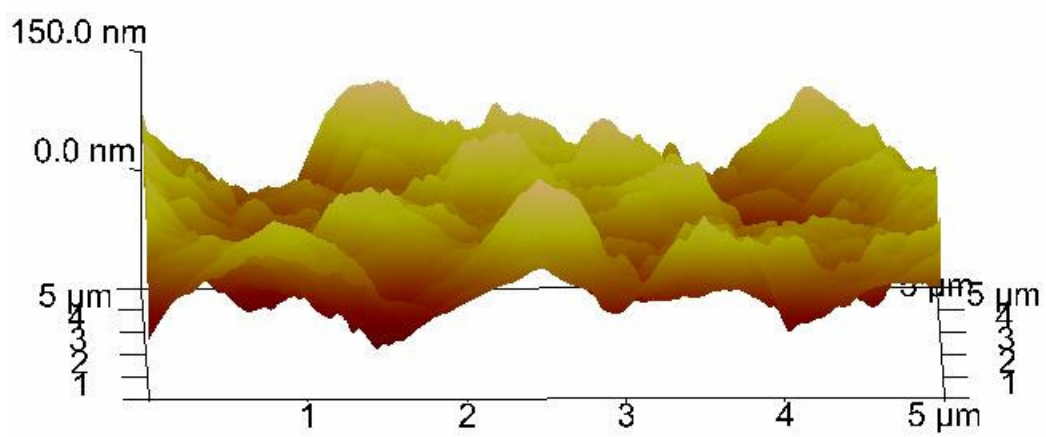
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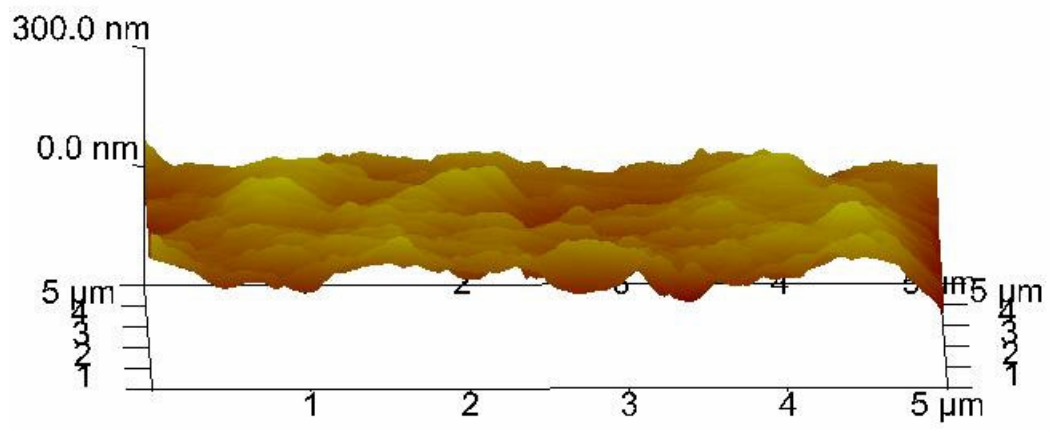
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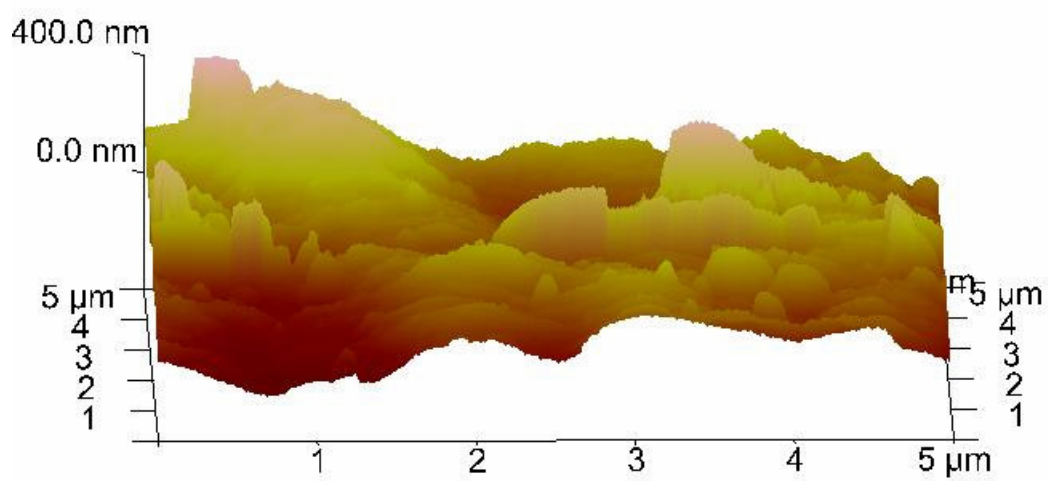
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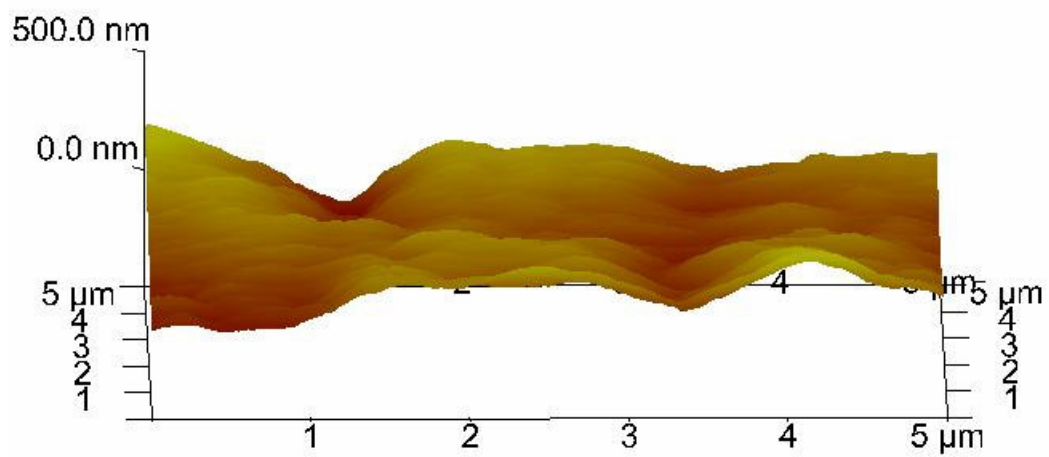
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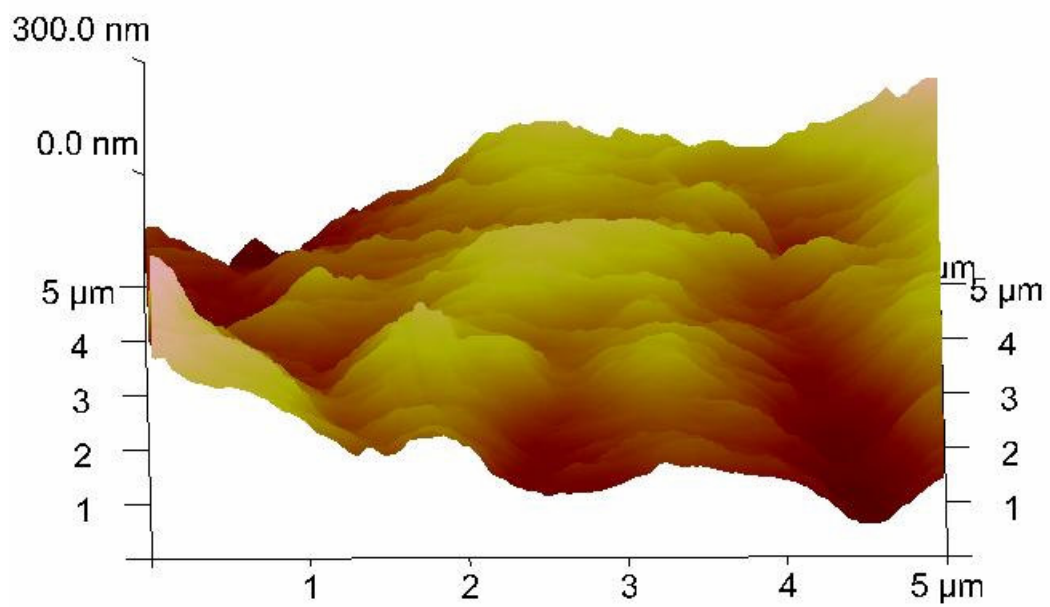
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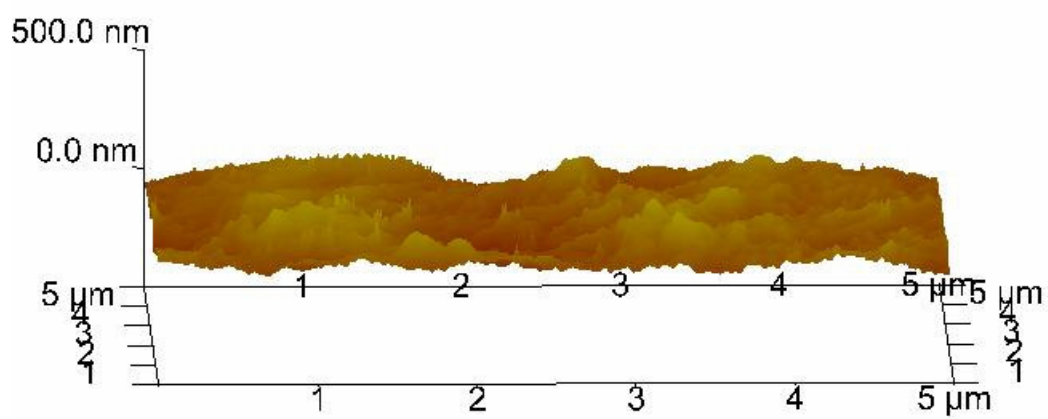
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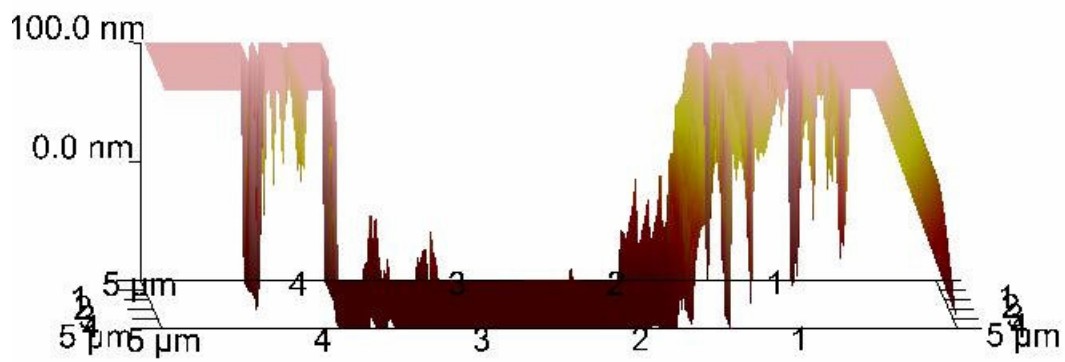
HDPE7n



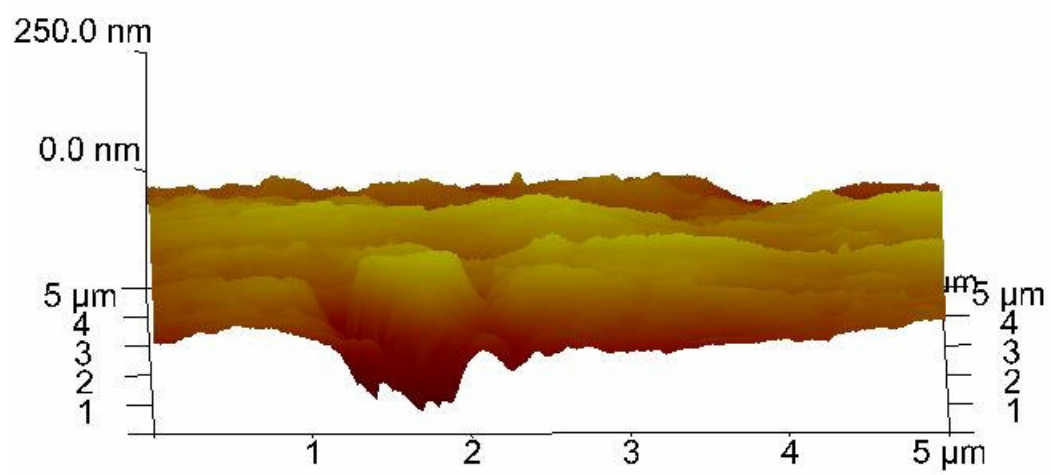
HDPE8



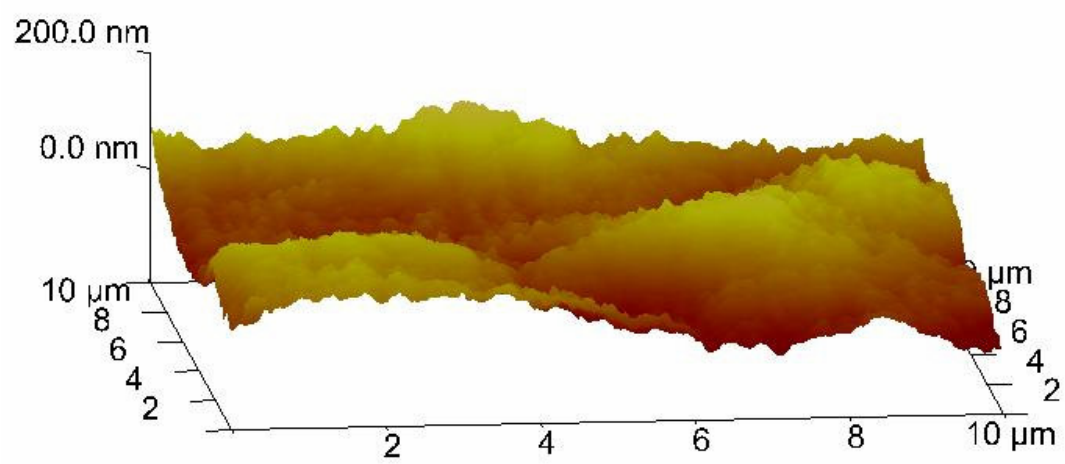
HDPE9n



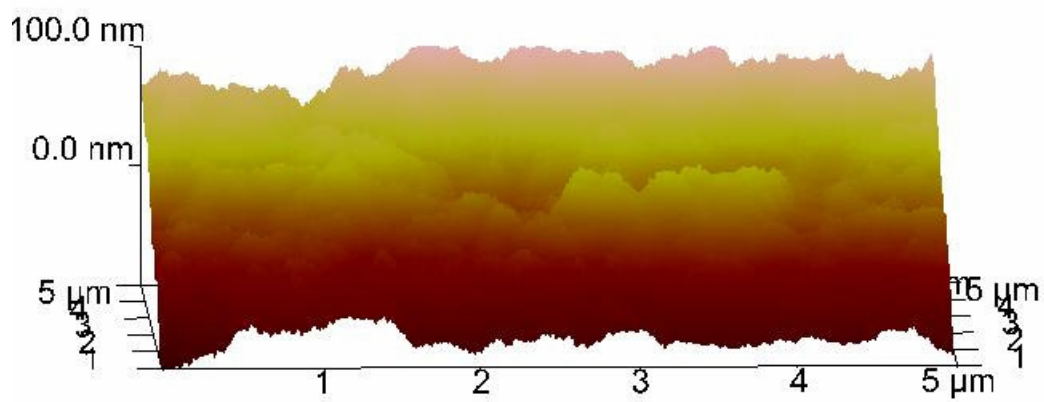
LDPE0



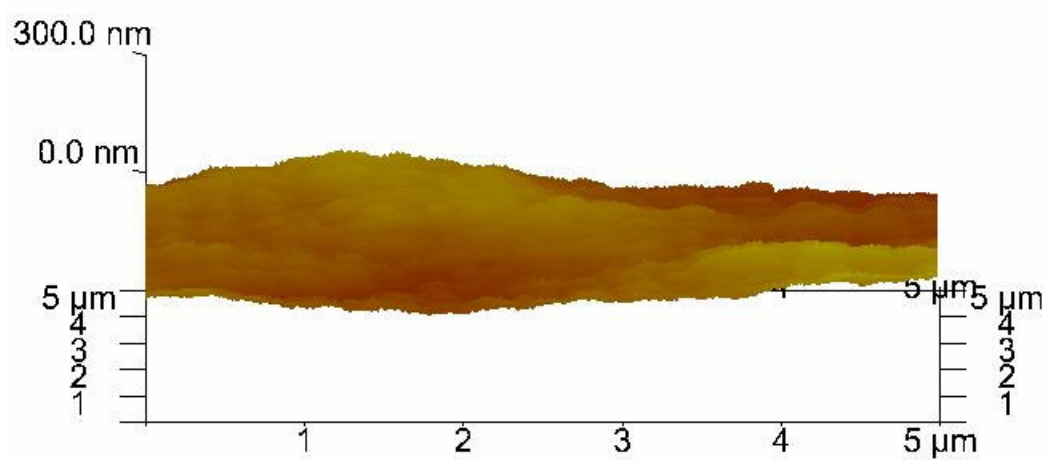
LDPE10



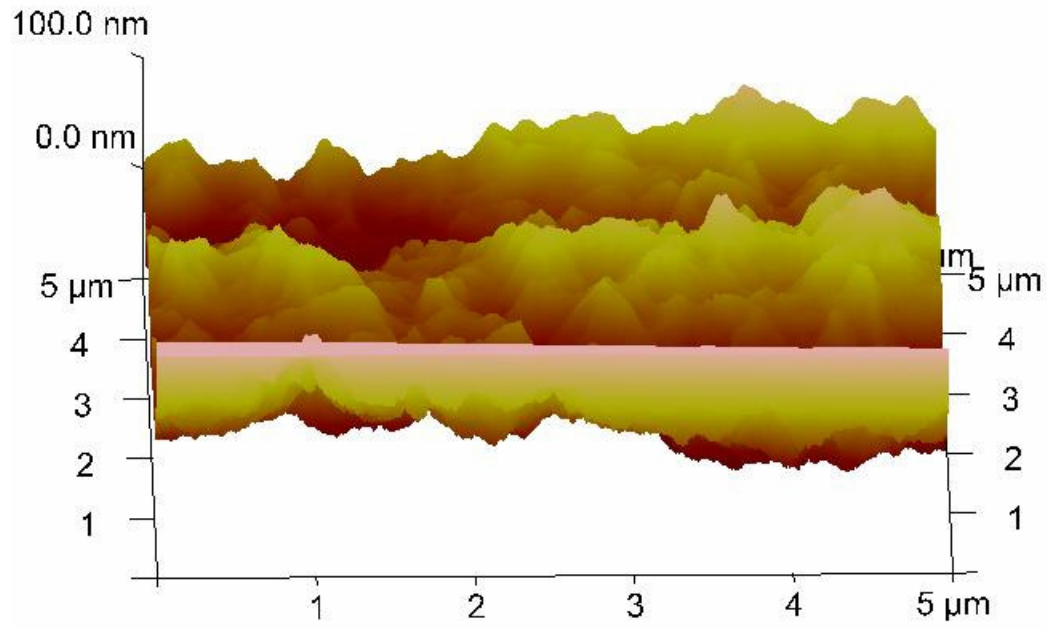
LDPE11



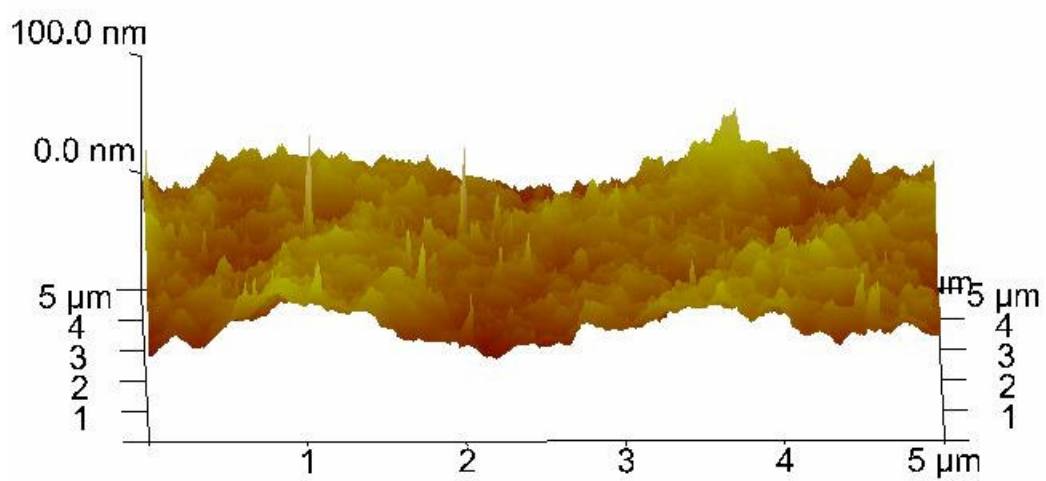
LDPE12



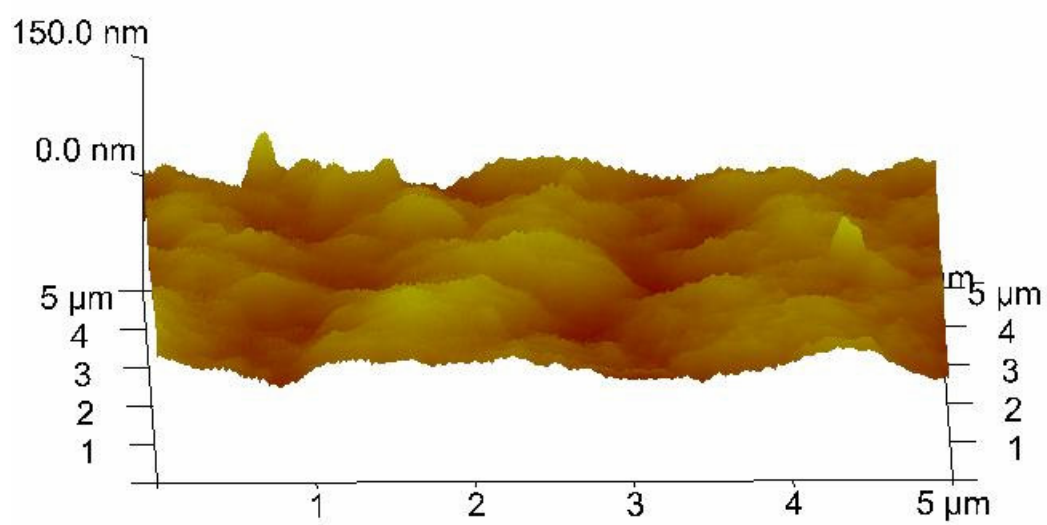
LDPE13



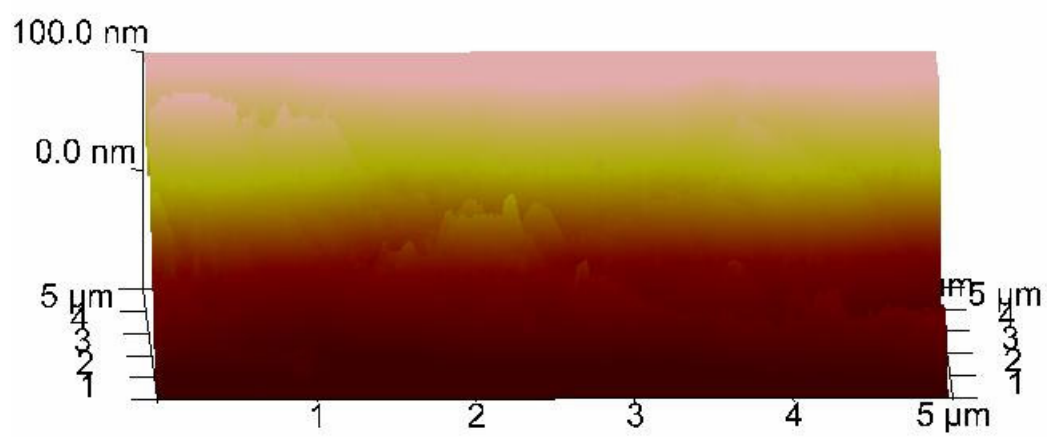
LDPE3



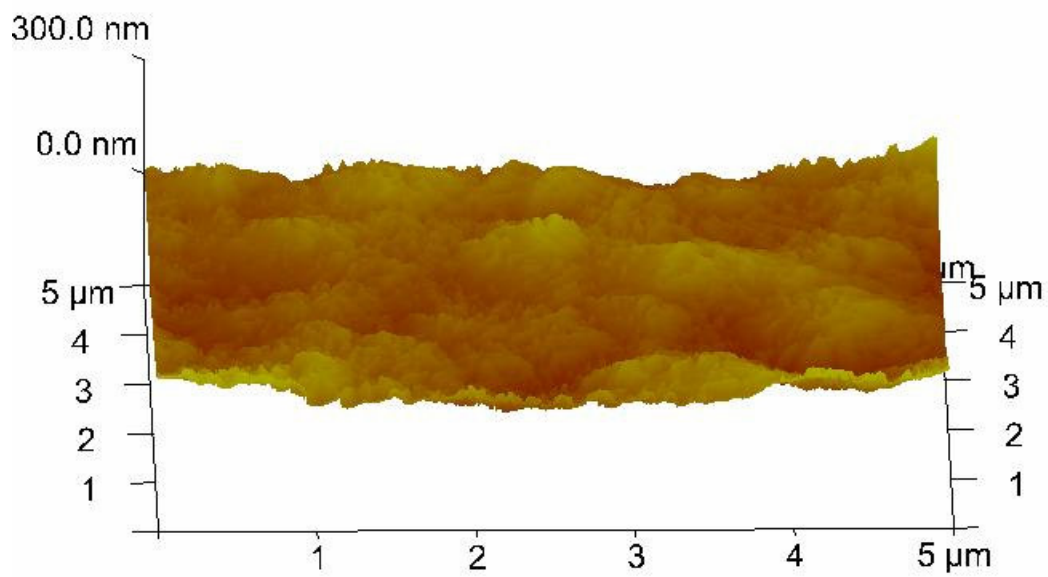
LDPE7



LLDPE1



LLDPE5



LLDPE9

Rugosité
LDPE 1IMI

Name	Value	Report	Limits
Results			
Image Raw mean	153 nm 0.000005	Yes	No
Image Mean	nm	Yes	No
Image Z Range	114 nm	Yes	No
Image Surface area	25.2 μm^2	Yes	No
Image Projected surface area	25.0 μm^2	Yes	No
Image Surface area difference	0.97%	Yes	No
Image Rq	15.2 nm	Yes	No
Image Ra	12.2 nm	Yes	No
Image Rmax	114 nm	Yes	No
Raw mean	152 nm 0.000005	Yes	No
Mean	nm	Yes	No
Z Range	114 nm	Yes	No
Surface area	25.2 μm^2	Yes	No
Projected surface area	25.0 μm^2	Yes	No
Surface area difference	0.97%	Yes	No
Rq	15.2 nm	Yes	No
Ra	12.2 nm	Yes	No
Rmax	114 nm	Yes	No
Skewness	0.0365 nm	Yes	No
Kurtosis	2.96 nm	Yes	No
Rz	0.00 nm	Yes	No
Rz Count	0	Yes	No
Max peak ht (Rp)	0.00 nm	Yes	No
Av max ht (Rpm)	0.00 nm	Yes	No
Max depth (Rv)	0.00 nm	Yes	No
Av max depth (Rvm)	0.00 nm	Yes	No
Line density	0.00 μm	Yes	No
Box x dimension	5.00 μm	Yes	No
Box y dimension	5.00 μm	Yes	No

LDPE 2IMI

Name	Value	Report	Limits
Results			
Image Raw mean	94.8 nm	Yes	No
	-0.000001		
Image Mean	nm	Yes	No
Image Z Range	105 nm	Yes	No
Image Surface area	25.2 μm^2	Yes	No
Image Projected surface area	25.0 μm^2	Yes	No
Image Surface area difference	0.88%	Yes	No
Image Rq	16.2 nm	Yes	No
Image Ra	13.1 nm	Yes	No
Image Rmax	105 nm	Yes	No
Raw mean	95.1 nm	Yes	No
	-0.000001		
Mean	nm	Yes	No
Z Range	105 nm	Yes	No
Surface area	25.2 μm^2	Yes	No
Projected surface area	25.0 μm^2	Yes	No
Surface area difference	0.88%	Yes	No
Rq	16.2 nm	Yes	No
Ra	13.1 nm	Yes	No
Rmax	105 nm	Yes	No
Skewness	-0.170 nm	Yes	No
Kurtosis	2.74 nm	Yes	No
Rz	0.00 nm	Yes	No
Rz Count	0	Yes	No
Max peak ht (Rp)	0.00 nm	Yes	No
Av max ht (Rpm)	0.00 nm	Yes	No
Max depth (Rv)	0.00 nm	Yes	No
Av max depth (Rvm)	0.00 nm	Yes	No
Line density	0.00 $/\mu\text{m}$	Yes	No
Box x dimension	5.00 μm	Yes	No
Box y dimension	5.00 μm	Yes	No

LDPE 3IMI

Name	Value	Report	Limits
Results			
Image Raw mean	-191 nm 0.000004	Yes	No
Image Mean	nm	Yes	No
Image Z Range	84.1 nm	Yes	No
Image Surface area	25.2 μm^2	Yes	No
Image Projected surface area	25.0 μm^2	Yes	No
Image Surface area difference	0.67%	Yes	No
Image Rq	9.83 nm	Yes	No
Image Ra	7.79 nm	Yes	No
Image Rmax	84.1 nm	Yes	No
Raw mean	-191 nm 0.000004	Yes	No
Mean	nm	Yes	No
Z Range	84.1 nm	Yes	No
Surface area	25.2 μm^2	Yes	No
Projected surface area	25.0 μm^2	Yes	No
Surface area difference	0.67%	Yes	No
Rq	9.83 nm	Yes	No
Ra	7.79 nm	Yes	No
Rmax	84.1 nm -0.00337	Yes	No
Skewness	nm	Yes	No
Kurtosis	3.21 nm	Yes	No
Rz	0.00 nm	Yes	No
Rz Count	0	Yes	No
Max peak ht (Rp)	0.00 nm	Yes	No
Av max ht (Rpm)	0.00 nm	Yes	No
Max depth (Rv)	0.00 nm	Yes	No
Av max depth (Rvm)	0.00 nm	Yes	No
Line density	0.00 $/\mu\text{m}$	Yes	No
Box x dimension	5.00 μm	Yes	No
Box y dimension	5.00 μm	Yes	No

LDPE 4IMI

Name	Value	Report	Limits
Results			
Image Raw mean	266 nm	Yes	No
	0.000003		
Image Mean	nm	Yes	No
Image Z Range	80.6 nm	Yes	No
Image Surface area	25.2 μm^2	Yes	No
Image Projected surface area	25.0 μm^2	Yes	No
Image Surface area difference	0.71%	Yes	No
Image Rq	11.5 nm	Yes	No
Image Ra	9.38 nm	Yes	No
Image Rmax	80.6 nm	Yes	No
Raw mean	266 nm	Yes	No
Mean	-0.126 nm	Yes	No
Z Range	77.7 nm	Yes	No
Surface area	25.0 μm^2	Yes	No
Projected surface area	24.8 μm^2	Yes	No
Surface area difference	0.71%	Yes	No
Rq	11.5 nm	Yes	No
Ra	9.32 nm	Yes	No
Rmax	77.9 nm	Yes	No
Skewness	0.141 nm	Yes	No
Kurtosis	2.69 nm	Yes	No
Rz	0.00 nm	Yes	No
Rz Count	0	Yes	No
Max peak ht (Rp)	0.00 nm	Yes	No
Av max ht (Rpm)	0.00 nm	Yes	No
Max depth (Rv)	0.00 nm	Yes	No
Av max depth (Rvm)	0.00 nm	Yes	No
Line density	0.00 / μm	Yes	No
Box x dimension	4.96 μm	Yes	No
Box y dimension	5.00 μm	Yes	No

LDPE 5IMI

Name	Value	Report	Limits
Results			
Image Raw mean	-99.6 nm 0.000015	Yes	No
Image Mean	nm	Yes	No
Image Z Range	119 nm	Yes	No
Image Surface area	25.4 μm^2	Yes	No
Image Projected surface area	25.0 μm^2	Yes	No
Image Surface area difference	1.43%	Yes	No
Image Rq	21.9 nm	Yes	No
Image Ra	18.2 nm	Yes	No
Image Rmax	119 nm	Yes	No
Raw mean	-99.9 nm 0.000015	Yes	No
Mean	nm	Yes	No
Z Range	119 nm	Yes	No
Surface area	25.4 μm^2	Yes	No
Projected surface area	25.0 μm^2	Yes	No
Surface area difference	1.43%	Yes	No
Rq	21.9 nm	Yes	No
Ra	18.2 nm	Yes	No
Rmax	119 nm	Yes	No
Skewness	-0.0366 nm	Yes	No
Kurtosis	2.27 nm	Yes	No
Rz	0.00 nm	Yes	No
Rz Count	0	Yes	No
Max peak ht (Rp)	0.00 nm	Yes	No
Av max ht (Rpm)	0.00 nm	Yes	No
Max depth (Rv)	0.00 nm	Yes	No
Av max depth (Rvm)	0.00 nm	Yes	No
Line density	0.00 $/\mu\text{m}$	Yes	No
Box x dimension	5.00 μm	Yes	No
Box y dimension	5.00 μm	Yes	No

LDPE 6IMI

Name	Value	Report	Limits
Results			
Image Raw mean	67.9 nm 0.000004	Yes	No
Image Mean	nm	Yes	No
Image Z Range	142 nm	Yes	No
Image Surface area	25.3 μm^2	Yes	No
Image Projected surface area	25.0 μm^2	Yes	No
Image Surface area difference	1.29%	Yes	No
Image Rq	15.5 nm	Yes	No
Image Ra	12.3 nm	Yes	No
Image Rmax	142 nm	Yes	No
Raw mean	67.6 nm 0.000004	Yes	No
Mean	nm	Yes	No
Z Range	142 nm	Yes	No
Surface area	25.3 μm^2	Yes	No
Projected surface area	25.0 μm^2	Yes	No
Surface area difference	1.29%	Yes	No
Rq	15.5 nm	Yes	No
Ra	12.3 nm	Yes	No
Rmax	142 nm	Yes	No
Skewness	-0.0283 nm	Yes	No
Kurtosis	3.06 nm	Yes	No
Rz	0.00 nm	Yes	No
Rz Count	0	Yes	No
Max peak ht (Rp)	0.00 nm	Yes	No
Av max ht (Rpm)	0.00 nm	Yes	No
Max depth (Rv)	0.00 nm	Yes	No
Av max depth (Rvm)	0.00 nm	Yes	No
Line density	0.00 $/\mu\text{m}$	Yes	No
Box x dimension	5.00 μm	Yes	No
Box y dimension	5.00 μm	Yes	No

LDPE 7IMI

Name	Value	Report	Limits
Results			
Image Raw mean	-458 nm -0.000006	Yes	No
Image Mean	nm	Yes	No
Image Z Range	84.1 nm	Yes	No
Image Surface area	25.3 μm^2	Yes	No
Image Projected surface area	25.0 μm^2	Yes	No
Image Surface area difference	1.33%	Yes	No
Image Rq	9.35 nm	Yes	No
Image Ra	7.34 nm	Yes	No
Image Rmax	84.1 nm	Yes	No
Raw mean	-457 nm -0.000006	Yes	No
Mean	nm	Yes	No
Z Range	84.1 nm	Yes	No
Surface area	25.3 μm^2	Yes	No
Projected surface area	25.0 μm^2	Yes	No
Surface area difference	1.33%	Yes	No
Rq	9.35 nm	Yes	No
Ra	7.34 nm	Yes	No
Rmax	84.1 nm	Yes	No
Skewness	0.135 nm	Yes	No
Kurtosis	3.53 nm	Yes	No
Rz	0.00 nm	Yes	No
Rz Count	0	Yes	No
Max peak ht (Rp)	0.00 nm	Yes	No
Av max ht (Rpm)	0.00 nm	Yes	No
Max depth (Rv)	0.00 nm	Yes	No
Av max depth (Rvm)	0.00 nm	Yes	No
Line density	0.00 $/\mu\text{m}$	Yes	No
Box x dimension	5.00 μm	Yes	No
Box y dimension	5.00 μm	Yes	No

LLDPE 2

Name	Value	Report	Limits
Results			
Image Raw mean	-897 nm -0.000006	Yes	No
Image Mean	nm	Yes	No
Image Z Range	130 nm	Yes	No
Image Surface area	25.7 μm^2	Yes	No
Image Projected surface area	25.0 μm^2	Yes	No
Image Surface area difference	2.83%	Yes	No
Image Rq	15.4 nm	Yes	No
Image Ra	12.0 nm	Yes	No
Image Rmax	130 nm	Yes	No
Raw mean	-895 nm -0.000006	Yes	No
Mean	nm	Yes	No
Z Range	130 nm	Yes	No
Surface area	25.7 μm^2	Yes	No
Projected surface area	25.0 μm^2	Yes	No
Surface area difference	2.83%	Yes	No
Rq	15.4 nm	Yes	No
Ra	12.0 nm	Yes	No
Rmax	130 nm	Yes	No
Skewness	0.119 nm	Yes	No
Kurtosis	3.67 nm	Yes	No
Rz	0.00 nm	Yes	No
Rz Count	0	Yes	No
Max peak ht (Rp)	0.00 nm	Yes	No
Av max ht (Rpm)	0.00 nm	Yes	No
Max depth (Rv)	0.00 nm	Yes	No
Av max depth (Rvm)	0.00 nm	Yes	No
Line density	0.00 $/\mu\text{m}$	Yes	No
Box x dimension	5.00 μm	Yes	No
Box y dimension	5.00 μm	Yes	No

LLDPE 3

Name	Value	Report	Limits
Results			
Image Raw mean	-268 nm -0.000000	Yes	No
Image Mean	nm	Yes	No
Image Z Range	174 nm	Yes	No
Image Surface area	25.5 μm^2	Yes	No
Image Projected surface area	25.0 μm^2	Yes	No
Image Surface area difference	1.90%	Yes	No
Image Rq	13.2 nm	Yes	No
Image Ra	10.4 nm	Yes	No
Image Rmax	174 nm	Yes	No
Raw mean	-269 nm -0.000000	Yes	No
Mean	nm	Yes	No
Z Range	174 nm	Yes	No
Surface area	25.5 μm^2	Yes	No
Projected surface area	25.0 μm^2	Yes	No
Surface area difference	1.90%	Yes	No
Rq	13.2 nm	Yes	No
Ra	10.4 nm	Yes	No
Rmax	174 nm	Yes	No
Skewness	0.0120 nm	Yes	No
Kurtosis	4.69 nm	Yes	No
Rz	0.00 nm	Yes	No
Rz Count	0	Yes	No
Max peak ht (Rp)	0.00 nm	Yes	No
Av max ht (Rpm)	0.00 nm	Yes	No
Max depth (Rv)	0.00 nm	Yes	No
Av max depth (Rvm)	0.00 nm	Yes	No
Line density	0.00 $/\mu\text{m}$	Yes	No
Box x dimension	5.00 μm	Yes	No
Box y dimension	5.00 μm	Yes	No

LLDPE 4

Name	Value	Report	Limits
Results			
Image Raw mean	1.36 nm 0.000002	Yes	No
Image Mean	nm	Yes	No
Image Z Range	81.5 nm	Yes	No
Image Surface area	25.3 μm^2	Yes	No
Image Projected surface area	25.0 μm^2	Yes	No
Image Surface area difference	1.14%	Yes	No
Image Rq	8.76 nm	Yes	No
Image Ra	6.89 nm	Yes	No
Image Rmax	81.5 nm	Yes	No
Raw mean	1.89 nm 0.000002	Yes	No
Mean	nm	Yes	No
Z Range	81.5 nm	Yes	No
Surface area	25.3 μm^2	Yes	No
Projected surface area	25.0 μm^2	Yes	No
Surface area difference	1.14%	Yes	No
Rq	8.76 nm	Yes	No
Ra	6.89 nm	Yes	No
Rmax	81.5 nm	Yes	No
Skewness	-0.0898 nm	Yes	No
Kurtosis	3.27 nm	Yes	No
Rz	0.00 nm	Yes	No
Rz Count	0	Yes	No
Max peak ht (Rp)	0.00 nm	Yes	No
Av max ht (Rpm)	0.00 nm	Yes	No
Max depth (Rv)	0.00 nm	Yes	No
Av max depth (Rvm)	0.00 nm	Yes	No
Line density	0.00 μm	Yes	No
Box x dimension	5.00 μm	Yes	No
Box y dimension	5.00 μm	Yes	No

LLDPE 6

Name	Value	Report	Limits
Results			
Image Raw mean	-1160 nm 0.000010	Yes	No
Image Mean	nm	Yes	No
Image Z Range	120 nm	Yes	No
Image Surface area	25.7 μm^2	Yes	No
Image Projected surface area	25.0 μm^2	Yes	No
Image Surface area difference	2.95%	Yes	No
Image Rq	17.0 nm	Yes	No
Image Ra	13.8 nm	Yes	No
Image Rmax	120 nm	Yes	No
Raw mean	-1162 nm 0.000010	Yes	No
Mean	nm	Yes	No
Z Range	120 nm	Yes	No
Surface area	25.7 μm^2	Yes	No
Projected surface area	25.0 μm^2	Yes	No
Surface area difference	2.95%	Yes	No
Rq	17.0 nm	Yes	No
Ra	13.8 nm	Yes	No
Rmax	120 nm	Yes	No
	-0.00272		
Skewness	nm	Yes	No
Kurtosis	2.67 nm	Yes	No
Rz	0.00 nm	Yes	No
Rz Count	0	Yes	No
Max peak ht (Rp)	0.00 nm	Yes	No
Av max ht (Rpm)	0.00 nm	Yes	No
Max depth (Rv)	0.00 nm	Yes	No
Av max depth (Rvm)	0.00 nm	Yes	No
Line density	0.00 / μm	Yes	No
Box x dimension	5.00 μm	Yes	No
Box y dimension	5.00 μm	Yes	No

LLDPE 7

Name	Value	Report	Limits
Results			
Image Raw mean	-38.5 nm 0.000004	Yes	No
Image Mean	nm	Yes	No
Image Z Range	69.5 nm	Yes	No
Image Surface area	25.3 μm^2	Yes	No
Image Projected surface area	25.0 μm^2	Yes	No
Image Surface area difference	1.29%	Yes	No
Image Rq	9.54 nm	Yes	No
Image Ra	7.70 nm	Yes	No
Image Rmax	69.5 nm	Yes	No
Raw mean	-38.5 nm 0.000004	Yes	No
Mean	nm	Yes	No
Z Range	69.5 nm	Yes	No
Surface area	25.3 μm^2	Yes	No
Projected surface area	25.0 μm^2	Yes	No
Surface area difference	1.29%	Yes	No
Rq	9.54 nm	Yes	No
Ra	7.70 nm	Yes	No
Rmax	69.5 nm	Yes	No
Skewness	-0.0118 nm	Yes	No
Kurtosis	2.77 nm	Yes	No
Rz	0.00 nm	Yes	No
Rz Count	0	Yes	No
Max peak ht (Rp)	0.00 nm	Yes	No
Av max ht (Rpm)	0.00 nm	Yes	No
Max depth (Rv)	0.00 nm	Yes	No
Av max depth (Rvm)	0.00 nm	Yes	No
Line density	0.00 $/\mu\text{m}$	Yes	No
Box x dimension	5.00 μm	Yes	No
Box y dimension	5.00 μm	Yes	No

LLDPE 8

Name	Value	Report	Limits
Results			
Image Raw mean	-797 nm 0.000011	Yes	No
Image Mean	nm	Yes	No
Image Z Range	95.9 nm	Yes	No
Image Surface area	25.5 μm^2	Yes	No
Image Projected surface area	25.0 μm^2	Yes	No
Image Surface area difference	1.89%	Yes	No
Image Rq	11.8 nm	Yes	No
Image Ra	9.09 nm	Yes	No
Image Rmax	95.9 nm	Yes	No
Raw mean	-799 nm 0.000011	Yes	No
Mean	nm	Yes	No
Z Range	95.9 nm	Yes	No
Surface area	25.5 μm^2	Yes	No
Projected surface area	25.0 μm^2	Yes	No
Surface area difference	1.89%	Yes	No
Rq	11.8 nm	Yes	No
Ra	9.09 nm	Yes	No
Rmax	95.9 nm	Yes	No
Skewness	-0.317 nm	Yes	No
Kurtosis	3.50 nm	Yes	No
Rz	0.00 nm	Yes	No
Rz Count	0	Yes	No
Max peak ht (Rp)	0.00 nm	Yes	No
Av max ht (Rpm)	0.00 nm	Yes	No
Max depth (Rv)	0.00 nm	Yes	No
Av max depth (Rvm)	0.00 nm	Yes	No
Line density	0.00 $/\mu\text{m}$	Yes	No
Box x dimension	5.00 μm	Yes	No
Box y dimension	5.00 μm	Yes	No