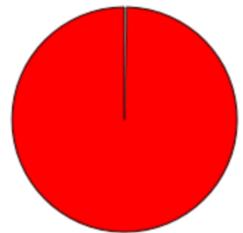
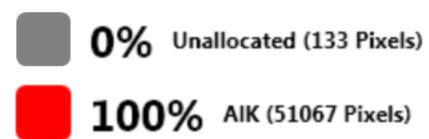
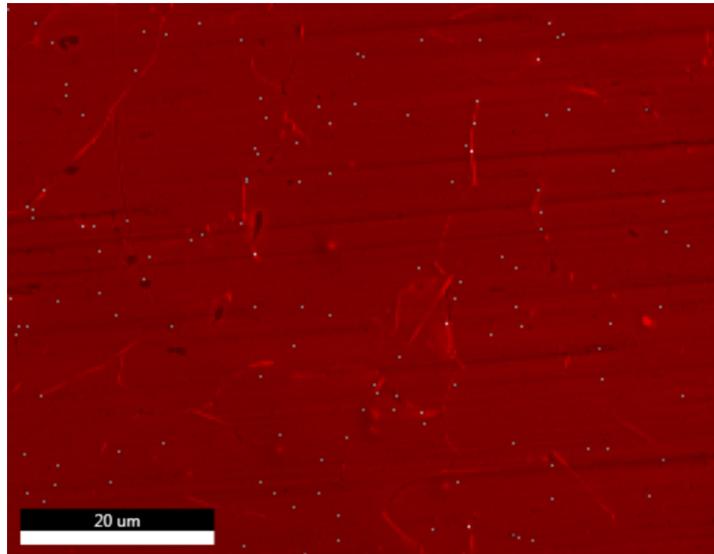


150

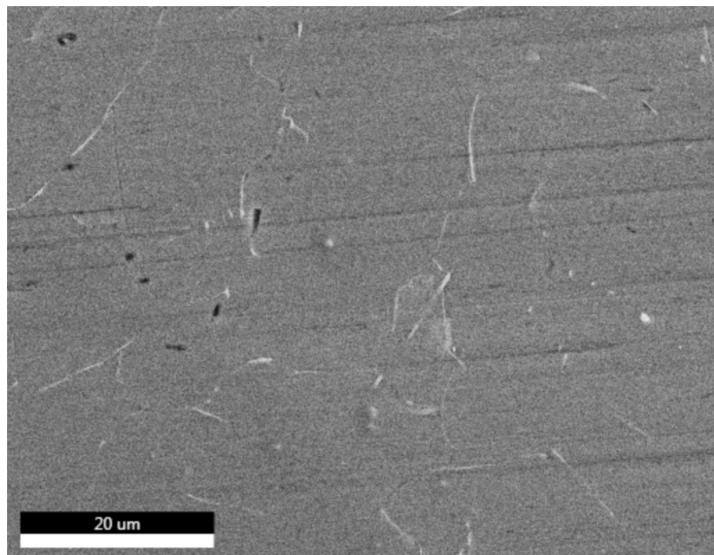
Author: eds
Creation: 10/22/2020 4:21:12 PM
Sample Name: New Sample

Area 1

Live Map 1

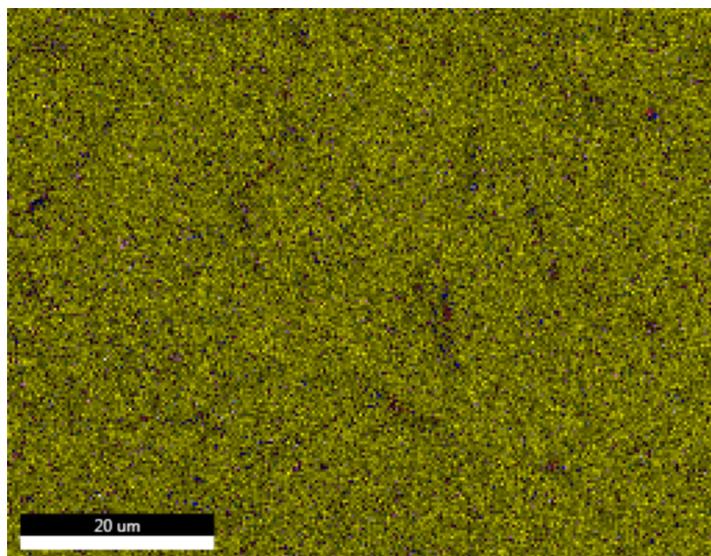


Notes:



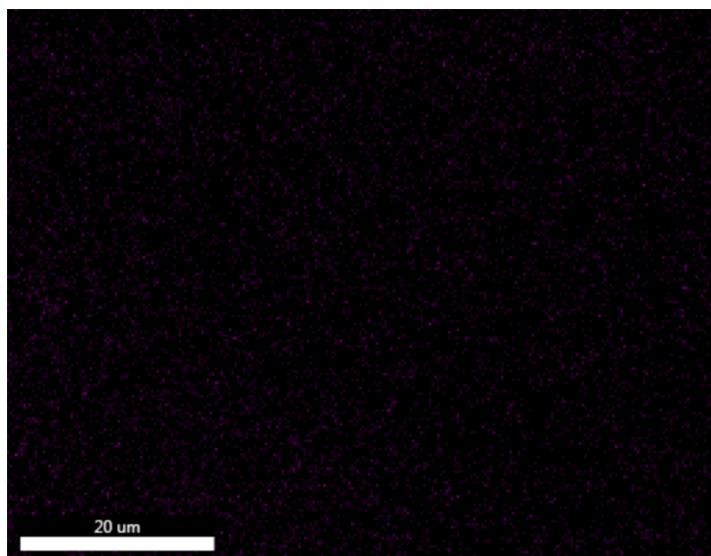
Image

ElementOverlay

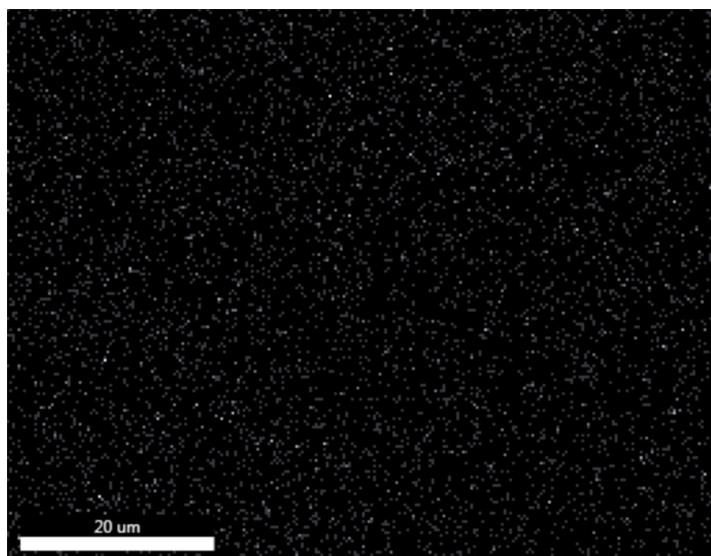


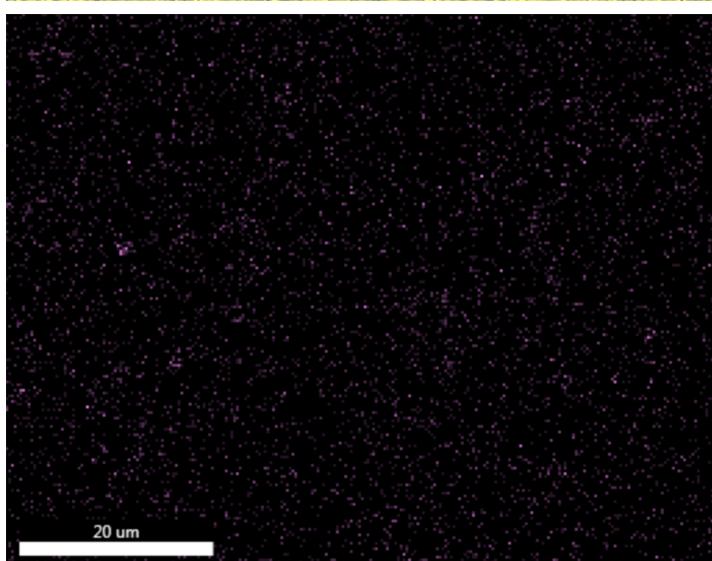
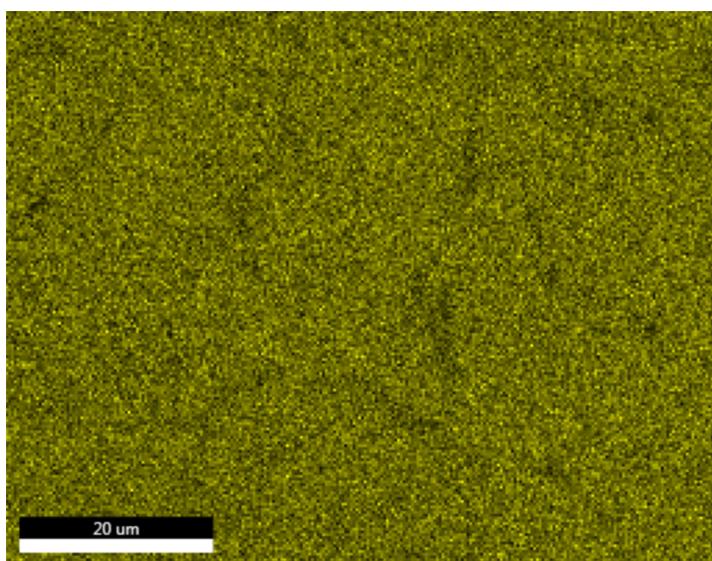
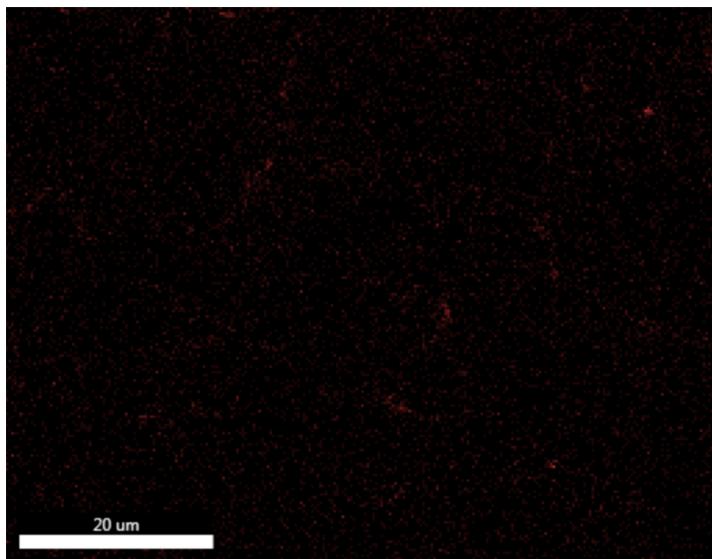
1% C K
1% O K
2% MgK
94% AlK
1% SiK
0% FeK
0% ZnK

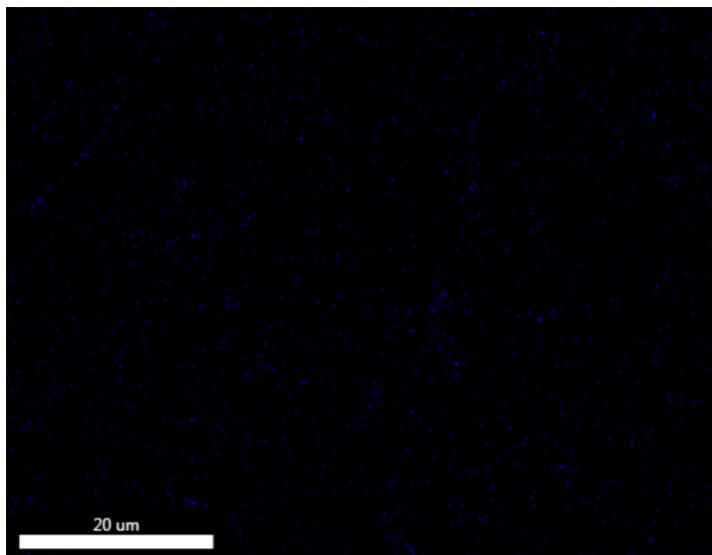
C K_ROI (4)



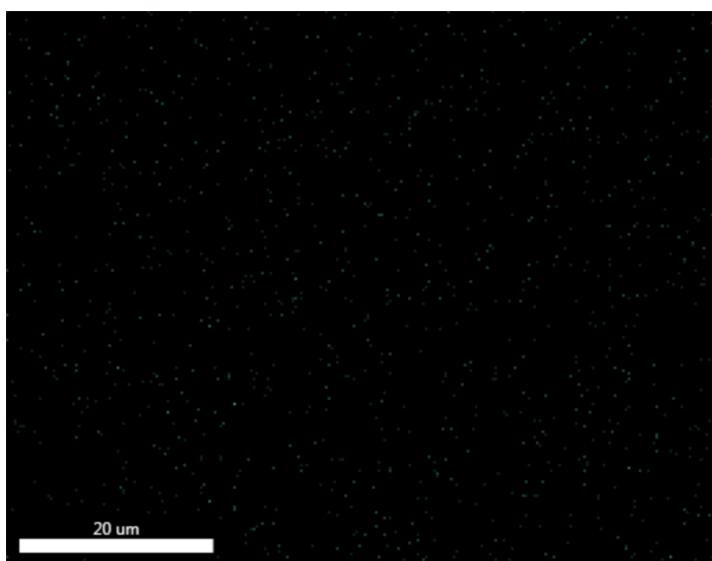
O K_ROI (4)







FeK_ROI (5)



ZnK_ROI (4)

kV: 20

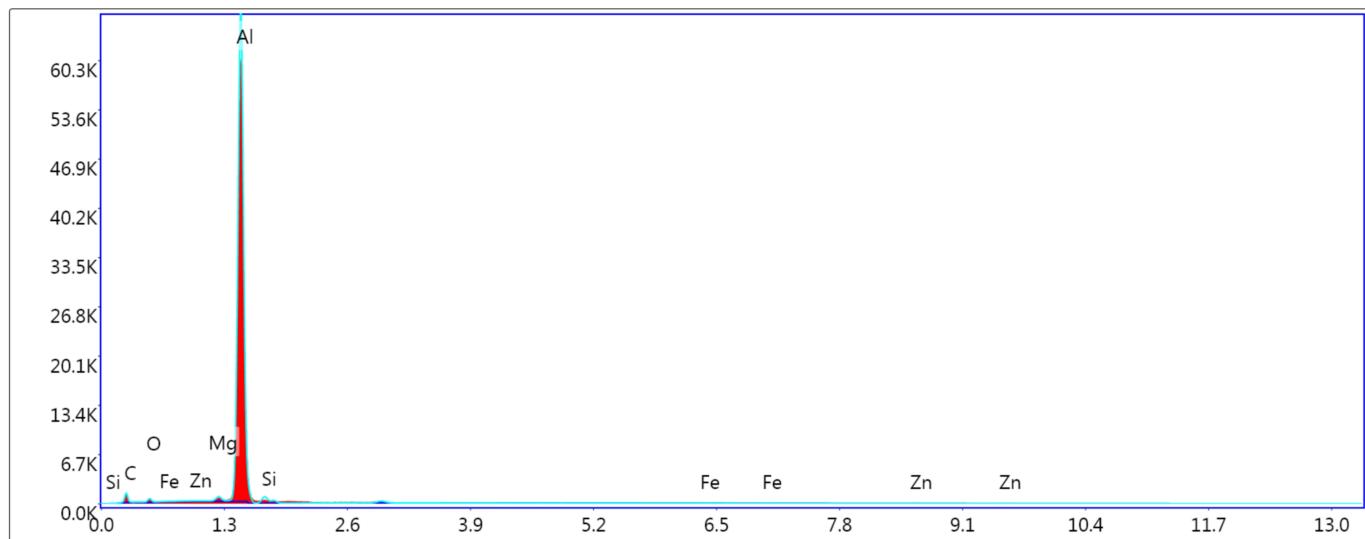
Mag: 1500

Takeoff: 30.6

Live Time(s): 81.9

Amp Time(μs): 3.84

Resolution:(eV) 124.8

Sum Spectrum

Lsec: 81.9 0 Cnts 0.000 keV Det: Octane Elect Plus

eZAF Smart Quant Results

Element	Weight %	Atomic %	Net Int.	Error %	Kratio	Z	A	F
C K	22.37	38.83	120.10	11.44	0.0253	1.1211	0.1008	1.0000
O K	2.55	3.32	60.50	11.90	0.0049	1.0741	0.1794	1.0000
MgK	0.70	0.60	104.20	5.50	0.0058	0.9935	0.8218	1.0107
AlK	71.88	55.54	11584.10	1.86	0.6330	0.9569	0.9199	1.0005
SiK	2.12	1.57	142.50	8.68	0.0079	0.9780	0.3792	1.0005
FeK	0.20	0.07	9.30	42.27	0.0018	0.8238	0.9995	1.0811
ZnK	0.18	0.06	5.10	57.62	0.0017	0.7859	1.0089	1.1986

kV: 20

Mag: 1500

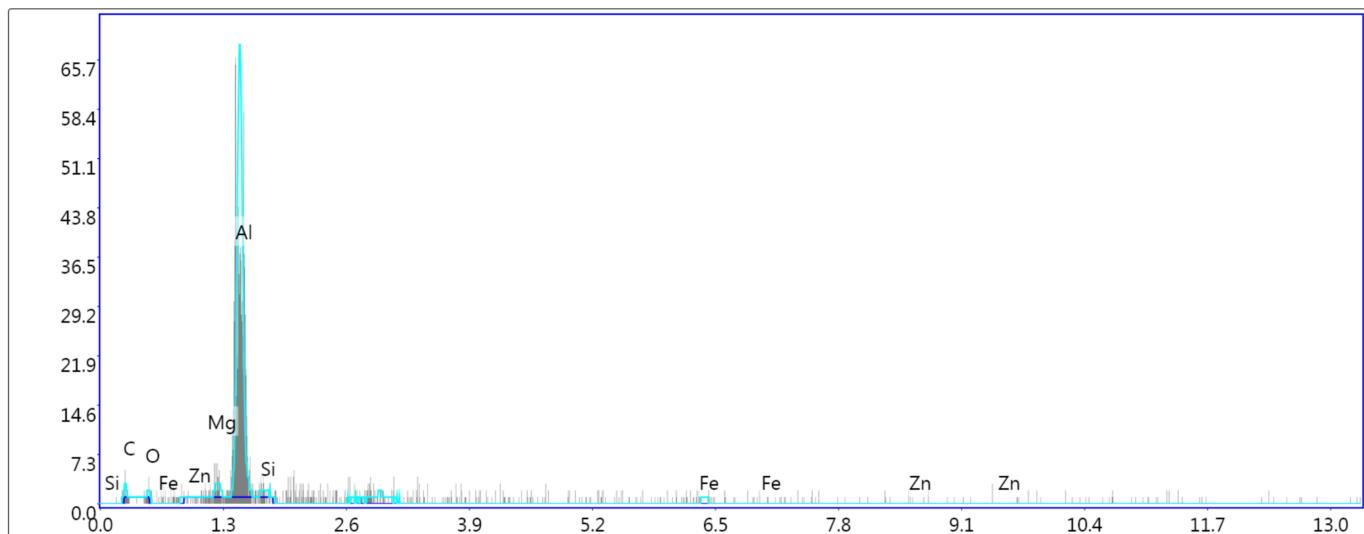
Takeoff: 30.6

Live Time(s): 0.2

Amp Time(μs): 3.84

Resolution:(eV) 124.8

Phase: Unallocated



Lsec: 0.2 0 Cnts 0.000 keV Det: Octane Elect Plus

eZAF Smart Quant Results

Element	Weight %	Atomic %	Net Int.	Error %	Kratio	Z	A	F
C K	28.57	47.01	108.70	85.61	0.0374	1.1111	0.1178	1.0000
O K	5.71	7.06	80.30	89.99	0.0107	1.0647	0.1756	1.0000
MgK	1.78	1.45	131.70	76.65	0.0119	0.9849	0.6757	1.0061
AlK	54.93	40.23	4583.10	7.44	0.4095	0.9487	0.7852	1.0008
SiK	3.37	2.37	154.00	79.79	0.0139	0.9697	0.4244	1.0009
FeK	3.46	1.22	99.00	74.91	0.0304	0.8172	1.0036	1.0726
ZnK	2.17	0.66	34.90	89.02	0.0192	0.7797	1.0073	1.1254

kV: 20

Mag: 1500

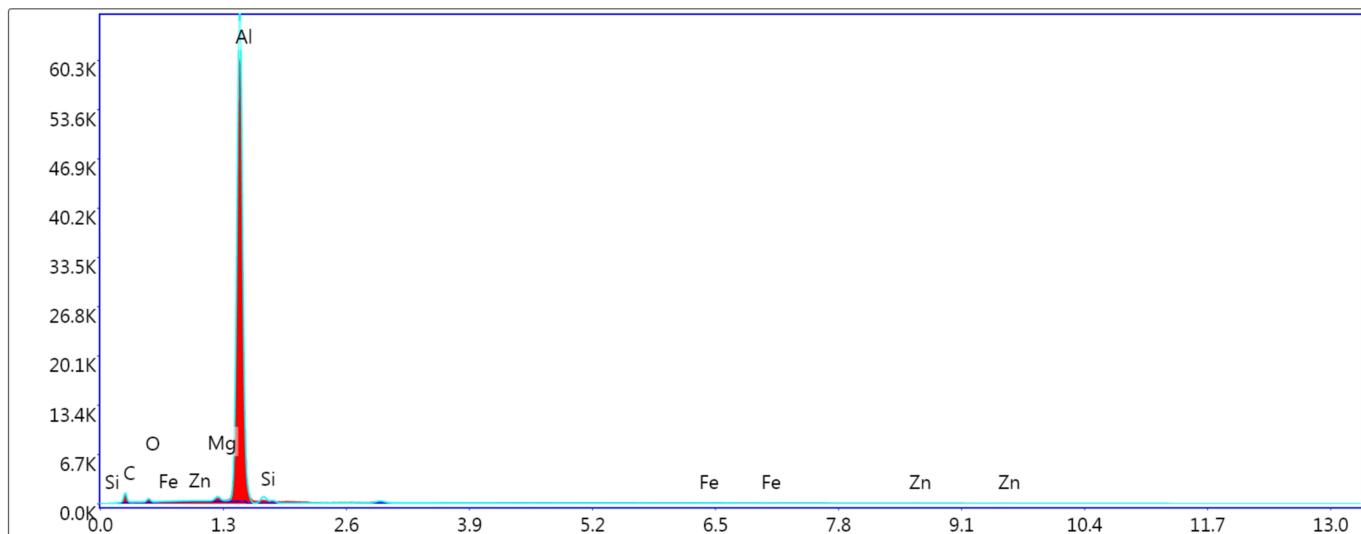
Takeoff: 30.6

Live Time(s): 81.7

Amp Time(μs): 3.84

Resolution:(eV) 124.8

Phase: AlK



Lsec: 81.7 0 Cnts 0.000 keV Det: Octane Elect Plus

eZAF Smart Quant Results

Element	Weight %	Atomic %	Net Int.	Error %	Kratio	Z	A	F
C K	22.35	38.80	120.10	11.44	0.0252	1.1211	0.1007	1.0000
O K	2.54	3.32	60.40	11.90	0.0049	1.0742	0.1794	1.0000
MgK	0.70	0.60	103.90	5.51	0.0058	0.9935	0.8220	1.0107
AlK	71.91	55.58	11602.00	1.86	0.6334	0.9569	0.9200	1.0005
SiK	2.12	1.57	142.50	8.68	0.0079	0.9781	0.3791	1.0005
FeK	0.19	0.07	9.20	42.34	0.0017	0.8238	0.9994	1.0811
ZnK	0.18	0.06	5.10	57.62	0.0017	0.7859	1.0088	1.1986