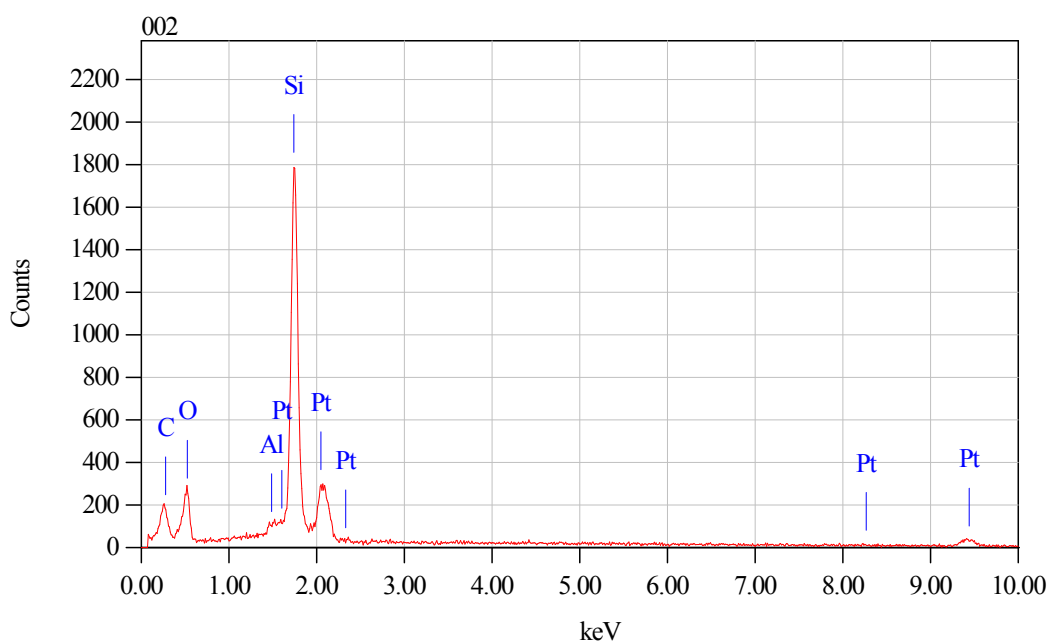
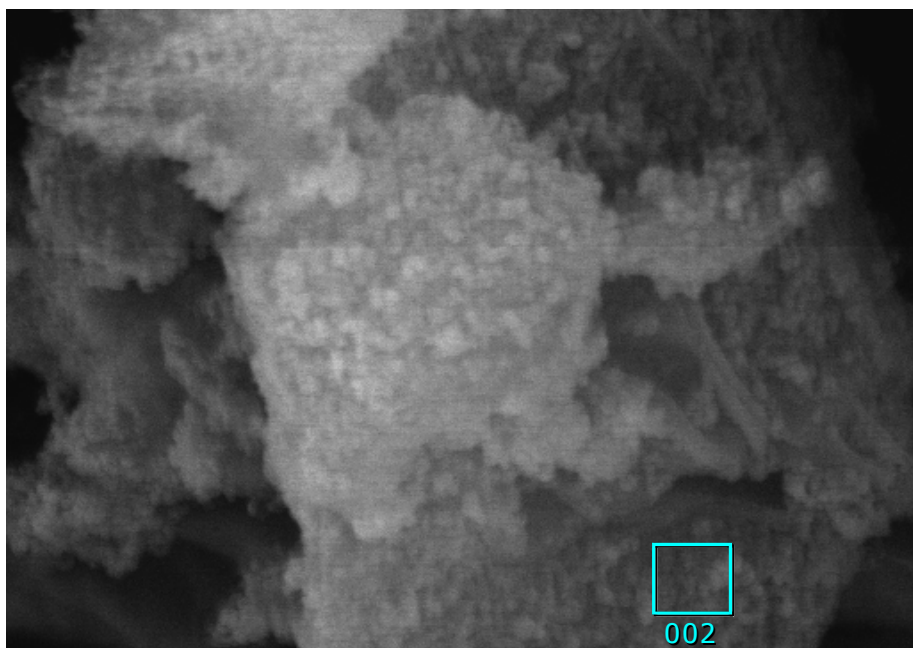


Appendix 1:

FESEM-EDX of Pt/HAIMSN-20:

Title : IMG1  
 -----  
 Instrument : 6701F  
 Volt : 15.00 kV  
 Mag. : x 11,000  
 Date : 2011/04/27  
 Pixel : 512 x 384



Acquisition Parameter  
 Instrument : 6701F  
 Acc. Voltage : 15.0 kV  
 Probe Current : 2.56160 nA  
 PHA mode : T4  
 Real Time : 57.10 sec  
 Live Time : 50.00 sec  
 Dead Time : 12 %  
 Counting Rate : 1292 cps  
 Energy Range : 0 - 20 keV

ZAF Method Standardless Quantitative Analysis

Fitting Coefficient : 0.2668

Element	(keV)	Mass%	Error%	Atom%	Compound	Mass%	Cation	K
C K	0.277	21.07	0.14	41.44				4.6298
O K	0.525	16.35	0.18	24.13				16.3548
Al K	1.486	0.51	0.08	0.45				0.7214
Si K	1.739	36.77	0.09	30.92				58.0235
Pt M	2.048	25.30	0.44	3.06				24.3969
Total		100.00		100.00				