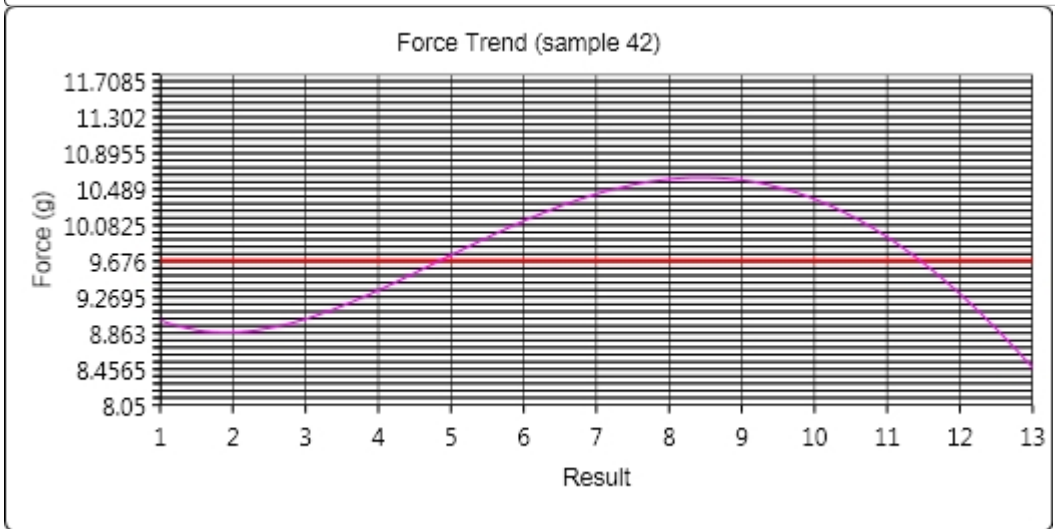
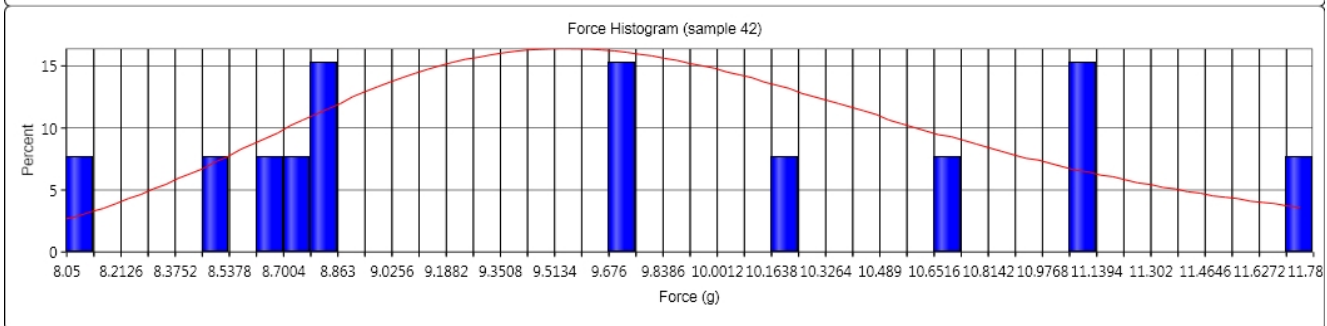
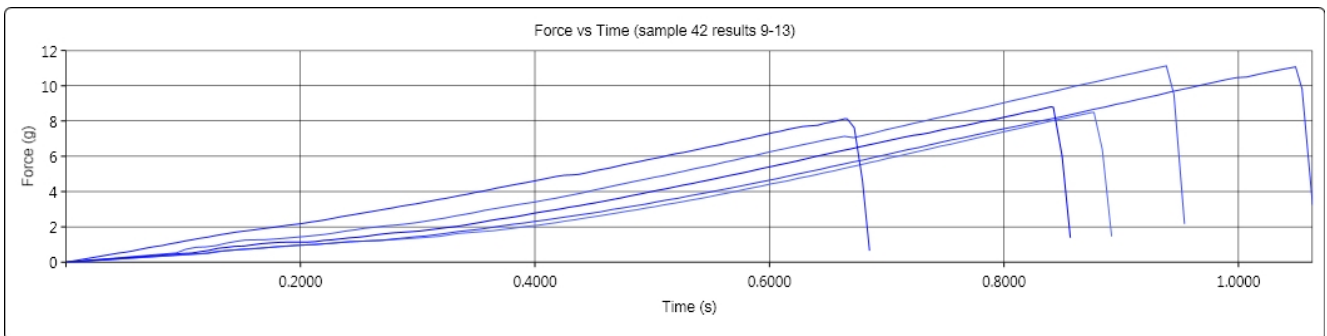
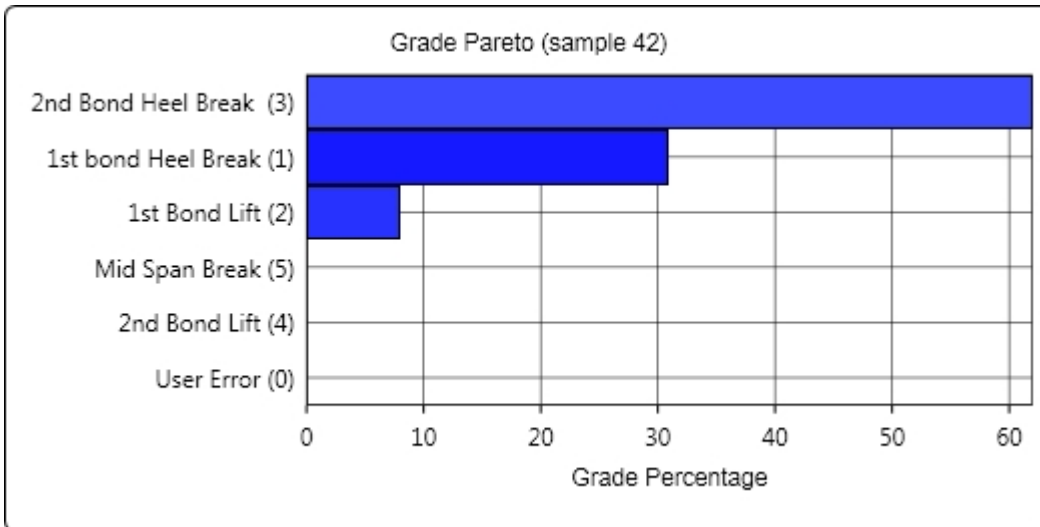


Test Group: Destructive Wire Pull
 Operator: Default operator
 Test speed: 500.00 $\mu\text{m/s}$
 Shear height: 5.0000 μm
 Test load: 4.0000 g
 Machine: 0
 Cartridge serial number: 20397512
 Date saved: 5/31/2013 2:54:09 PM
 Sample number: 42
 Total number of tests: 13
 UserFieldName: UserFieldValue





Mean (force)	9.6812 g	Standard Deviation (force)	1.1921 g
Minimum (force)	8.1288 g	Maximum (force)	11.770 g
Range (force)	3.6412 g		
Failures	0		
Cp	1.398	Cpk	0.928
Upper Confidence	13.258 g	Lower Confidence	6.1050 g
Operator	Default operator	Machine	0
Results	13	Saved	5/31/2013 2:54 PM
Batch	Leti sample 1	Product	FEI4B
Bonder	J710		

Destructive tests summary

Number of tests:	13
Mean - 3 * standard deviation:	6.1050 g
Minimum load:	8.1288 g
Maximum load:	11.770 g
Mean:	9.6812 g
Standard Deviation:	1.1921 g

Pass/fail analysis

Pass / Fail limit:	
Tests above preset:	0
Tests below preset:	0
Tests over range:	0

Grade Detail

Grade	Description	Number	Mean	Standard Deviation
3	2nd Bond Heel Break	8	9.4424 g	1.0603 g
1	1st bond Heel Break	4	10.034 g	1.6308 g
2	1st Bond Lift	1	10.182 g	0.0000 g

Test Detail

Test	Name	Force	Type	Grade	Grade Data	Description	Comment	Pass/Fail
1		8.6826 g	Bond Broken	3	0	2nd Bond Heel Break	Light Pad	Pass
2		9.7087 g	Bond Broken	3	0	2nd Bond Heel Break	Light Pad	Pass
3		8.7875 g	Bond Broken	3	0	2nd Bond Heel Break	Light Pad	Pass
4		8.7017 g	Bond Broken	3	0	2nd Bond Heel Break	Light Pad	Pass
5		9.6862 g	Bond Broken	3	0	2nd Bond Heel Break	Dark Pad	Pass
6		10.719 g	Bond Broken	3	0	2nd Bond Heel Break	Dark Pad	Pass
7		10.182 g	Bond Broken	2	0	1st Bond Lift	Dark Pad	Pass
8		11.770 g	Bond Broken	1	0	1st bond Heel Break	Light Pad	Pass
9		8.4902 g	Bond Broken	1	0	1st bond Heel Break	Light Pad	Pass
10		11.125 g	Bond Broken	3	0	2nd Bond Heel Break	Dark Pad	Pass
11		11.070 g	Bond Broken	1	0	1st bond Heel Break	Dark Pad	Pass
12		8.1288 g	Bond Broken	3	0	2nd Bond Heel Break	Dark Pad	Pass
13		8.8056 g	Bond Broken	1	0	1st bond Heel Break	Dark Pad	Pass