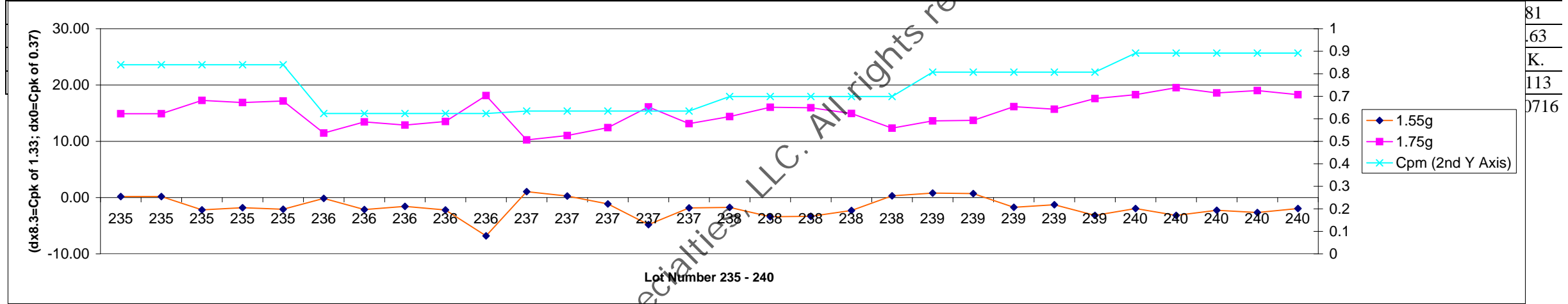


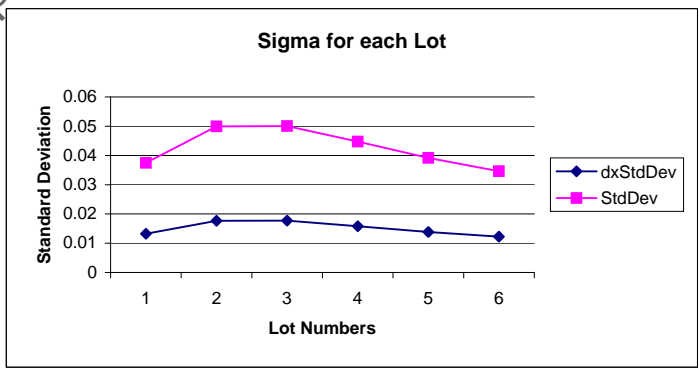
USL, g:	1.75					LSL, g:					1.55					Sample Process					Process Acceptance Chart				
Lot#:	235	235	235	235	235	236	236	236	236	236	237	237	237	237	237	238	238	238	238	238	239				
Comment:																									
Date:																									
1	1.76	1.75	1.84	1.82	1.77	1.74	1.78	1.76	1.78	1.91	1.75	1.76	1.78	1.78	1.80	1.80	1.84	1.85	1.80	1.77	1.76				
2	1.73	1.73	1.84	1.80	1.84	1.76	1.71	1.79	1.79	1.84	1.75	1.75	1.78	1.79	1.86	1.82	1.71	1.85	1.77	1.77	1.76				
3	1.75	1.74	1.73	1.81	1.76	1.73	1.76	1.76	1.77	1.93	1.68	1.69	1.79	1.88	1.83	1.81	1.85	1.77	1.81	1.80	1.72				
4	1.74	1.66	1.76	1.78	1.75	1.76	1.78	1.80	1.74	1.88	1.67	1.74	1.73	1.85	1.75	1.83	1.77	1.77	1.78	1.76	1.77				
5	1.77	1.81	1.74	1.75	1.75	1.73	1.84	1.81	1.79	1.85	1.78	1.76	1.77	1.88	1.83	1.78	1.85	1.81	1.80	1.67	1.73				
6	1.79	1.77	1.80	1.76	1.77	1.76	1.81	1.71	1.78	1.88	1.79	1.73	1.75	1.81	1.79	1.76	1.79	1.80	1.78	1.66	1.75				
7	1.72	1.76	1.77	1.75	1.83	1.76	1.81	1.78	1.83	1.85	1.70	1.75	1.76	1.83	1.77	1.70	1.84	1.77	1.76	1.78	1.71				
8	1.72	1.76	1.75	1.72	1.75	1.78	1.81	1.81	1.83	1.82	1.73	1.78	1.80	1.86	1.73	1.72	1.78	1.80	1.79	1.75	1.71				
Average:	1.75	1.75	1.78	1.77	1.78	1.75	1.79	1.78	1.79	1.87	1.73	1.75	1.77	1.84	1.78	1.78	1.80	1.80	1.79	1.75	1.74				



81  
 .63  
 K.  
 113  
 0716

$$dx = \frac{avg - LSL}{\sigma / \sqrt{n}} > 4\sqrt{n} - 3$$

$$dx = \frac{USL - avg}{\sigma / \sqrt{n}} > 4\sqrt{n} - 3$$



dx provides a means to answer the question:  
 Are we making acceptable parts? -- instead of -- Are we in control?

The Cpm capability index depends on both variability and centering.