```
Raw Scan Format
--------------------------------------------------------------------------------
1    Wire Profile,WB              [str]
2    X Location,0                 [float]
3    Total Sample Length,61       [float]
4    Pts/rev,720                  [int]
5    DataState,Raw                [str]
6    TimeStamp,3/23/2018 9:55 AM  [str]
7    -5.2463,-5.3066,-5.3105,-5.3048,-5.2983,-5.2943,-5.3002,-5.3048,-5.3056,-5.2911,
8    -5.2896,-5.3000,-5.2971,-5.3112,-5.3276,-5.3306,-5.3127,-5.2942,-5.2784,-5.2732,
9    -5.2765,-5.2917,-5.2811,-5.2715,-5.2638,-5.2988,-5.3061,-5.3041,-5.3092,-5.3141,
10   -5.3163,-5.3147,-5.3080,-5.3046,-5.3042,-5.2914,-5.2898,-5.2969,-5.2986,-5.3067,
11   -5.3166,-5.3251,-5.2953,-5.2715,-5.2659,-5.2996,-5.3073,-5.2930,-5.2873,-5.2852,
12   -5.2854,-5.2853,-5.2930,-5.2968,-5.2877,-5.2868,-5.2908,-5.2993,-5.2897,-5.3008,
13   -5.3168,-5.2841,-5.2745,-5.2803,-5.2809,-5.2554,-5.2256,-5.2459,-5.2665,-5.2809,
14   -5.2861,-5.2794,-5.2782,-5.2816,-5.2787,-5.2767,-5.2769,-5.2841,-5.2762,-5.2675,
15   -5.2682,-5.2614,-5.2592,-5.2694,-5.2792,-5.2918,-5.3015,-5.2841,-5.2762,-5.2736,
16   -5.2701,-5.2792,-5.2892,-5.2907,-5.2822,-5.2757,-5.2743,-5.2743,-5.2825,-5.2960,
17   -5.2914,-5.2929,-5.2943,-5.2850,-5.2678,-5.2577,-5.2860,-5.2858,-5.2789,-5.2681,
18   -5.2647,-5.2678,-5.2782,-5.2965,-5.2987,-5.2962,-5.3052,-5.2953,-5.2892,-5.3050,
19   -5.3059,-5.3102,-5.3195,-5.3049,-5.2969,-5.2944,-5.2931,-5.2891,-5.2851,-5.2883,
20   -5.2796,-5.2736,-5.2896,-5.2858,-5.2771,-5.2659,-5.2762,-5.2844,-5.2875,-5.2857,
21   -5.2818,-5.2778,-5.2805,-5.2765,-5.2765,-5.2962,-5.2970,-5.2974,-5.3007,-5.2927,
22   -5.3012,-5.3197,-5.3127,-5.2979,-5.2802,-5.2649,-5.2854,-5.2992,-5.2730,-5.2847,
23   -5.2920,-5.2841,-5.2859,-5.2865,-5.2850,-5.2752,-5.2731,-5.2764,-5.2832,-5.2851,
24   -5.2832,-5.2766,-5.2787,-5.2881,-5.3050,-5.3073,-5.3018,-5.2923,-5.2980,-5.2935,
25   -5.2857,-5.2846,-5.2871,-5.2913,-5.2969,-5.3005,-5.2955,-5.2799,-5.2748,-5.2829,
26   -5.3027,-5.3042,-5.2938,-5.2800,-5.2820,-5.2934,-5.2994,-5.2845,-5.2856,-5.2919,
27   -5.3008,-5.2931,-5.2905,-5.2938,-5.2909,-5.2927,-5.2966,-5.2936,-5.2978,-5.3009,
28   -5.2926,-5.2905,-5.2933,-5.3023,-5.3019,-5.2991,-5.2947,-5.2963,-5.2992,-5.3021,
29   -5.2988,-5.2905,-5.2842,-5.2932,-5.2896,-5.2853,-5.2860,-5.2912,-5.2982,-5.3060,
30   -5.2939,-5.2869,-5.2854,-5.2971,-5.2963,-5.2909,-5.2907,-5.2889,-5.2904,-5.3000,
31   -5.3052,-5.3064,-5.3034,-5.3136,-5.3069,-5.2893,-5.2875,-5.2909,-5.2939,-5.2833,
32   -5.2895,-5.2949,-5.2844,-5.2848,-5.2805,-5.2663,-5.2769,-5.2839,-5.2847,-5.2837,
33   -5.2909,-5.3005,-5.2972,-5.2901,-5.2885,-5.3064,-5.3034,-5.2980,-5.2949,-5.2854,
34   -5.2879,-5.3025,-5.2873,-5.2765,-5.2717,-5.2874,-5.2920,-5.2918,-5.2910,-5.2752,
35   -5.2677,-5.2849,-5.2835,-5.2865,-5.2964,-5.2773,-5.2656,-5.2614,-5.2689,-5.2731,
36   -5.2745,-5.2717,-5.2772,-5.2776,-5.2608,-5.2710,-5.2779,-5.2725,-5.2704,-5.2669,
37   -5.2622,-5.2634,-5.2697,-5.2793,-5.2899,-5.2799,-5.2661,-5.2643,-5.2658,-5.2587,
38   -5.2347,-5.2482,-5.2500,-5.2317,-5.2507,-5.2646,-5.2727,-5.2698,-5.2743,-5.2790,
39   -5.2696,-5.2722,-5.2725,-5.2592,-5.2603,-5.2624,-5.2625,-5.2613,-5.2694,-5.2847,
40   -5.2720,-5.2757,-5.2852,-5.2713,-5.2739,-5.2805,-5.2787,-5.2738,-5.2706,-5.2719,
41   -5.2674,-5.2704,-5.2832,-5.2949,-5.3050,-5.3126,-5.3089,-5.3008,-5.2891,-5.2721,
42   -5.2718,-5.2765,-5.2794,-5.2866,-5.2883,-5.2806,-5.2837,-5.2869,-5.2894,-5.2850,
43   -5.2819,-5.2805,-5.2829,-5.2726,-5.2645,-5.2804,-5.2826,-5.2805,-5.2767,-5.3005,
```

Encoder Index: $i = 0,1,…,$Pts/rev

Scanner Index: $j = 0,1,…,799$ (800 Points)