

RIT Hancock Test (Leaves Only) for Elekta MLC Report

Aligned Image (Measurement Positions)



Image Information

Image	File Name
Image 1- Leaves Upper-Collimator 0	C:\RIT\RIT113V4\Demo Images\Elekta Hancock Test\Elekta Hancock Leaf Only Test - 4\1.his
Image 2- Leaves Lower-Collimator 180	C:\RIT\RIT113V4\Demo Images\Elekta Hancock Test\Elekta Hancock Leaf Only Test - 4\2.his
Image 3- Leaves Upper-Collimator 180	C:\RIT\RIT113V4\Demo Images\Elekta Hancock Test\Elekta Hancock Leaf Only Test - 4\3.his
Image 4- Leaves Lower-Collimator 0	C:\RIT\RIT113V4\Demo Images\Elekta Hancock Test\Elekta Hancock Leaf Only Test - 4\4.his

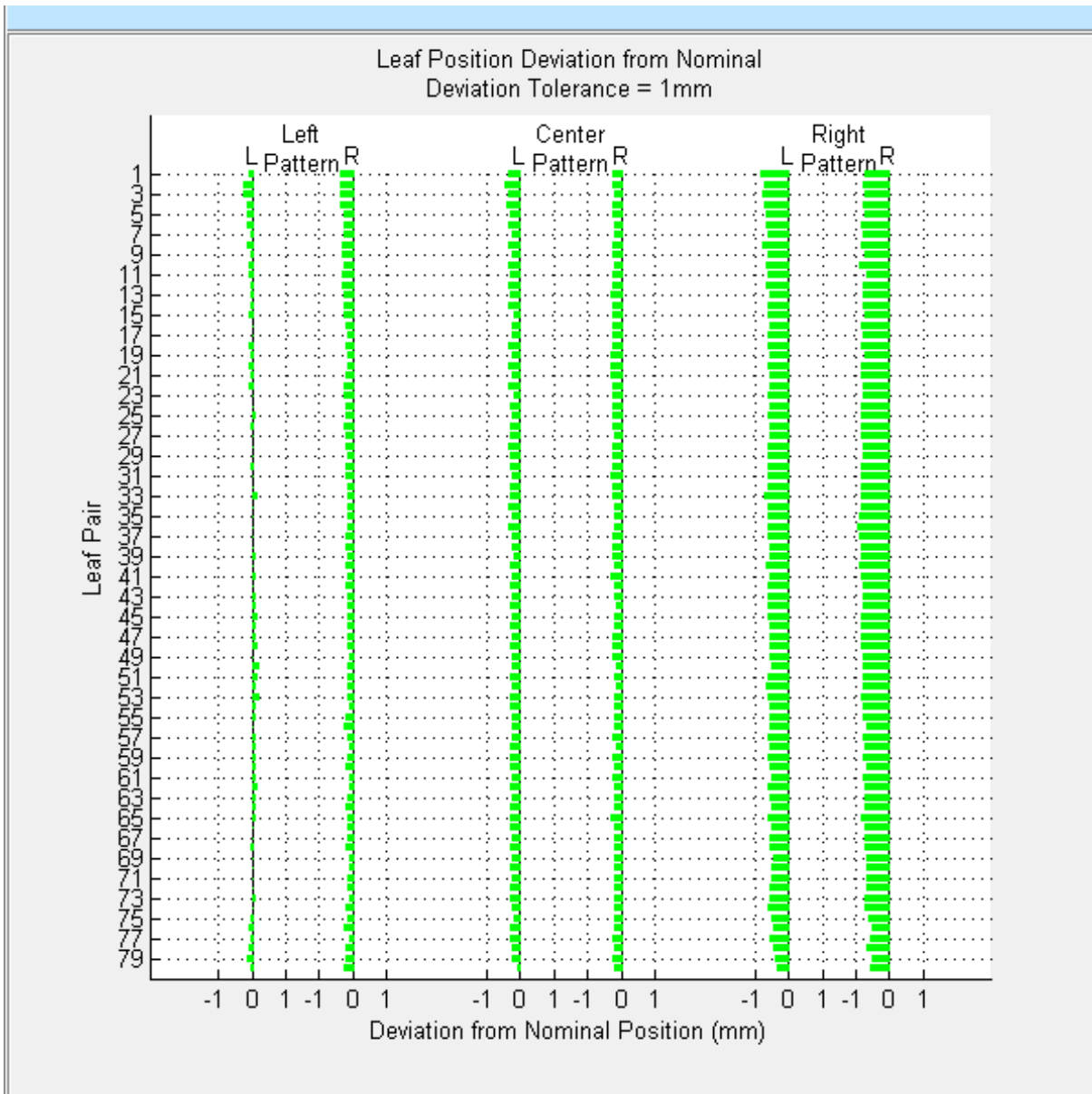
Overall Results

Criteria	Criteria Requirement (%)	Pass Rate (%)	Pass/Fail
Leaf Position Deviation	100	100	Pass

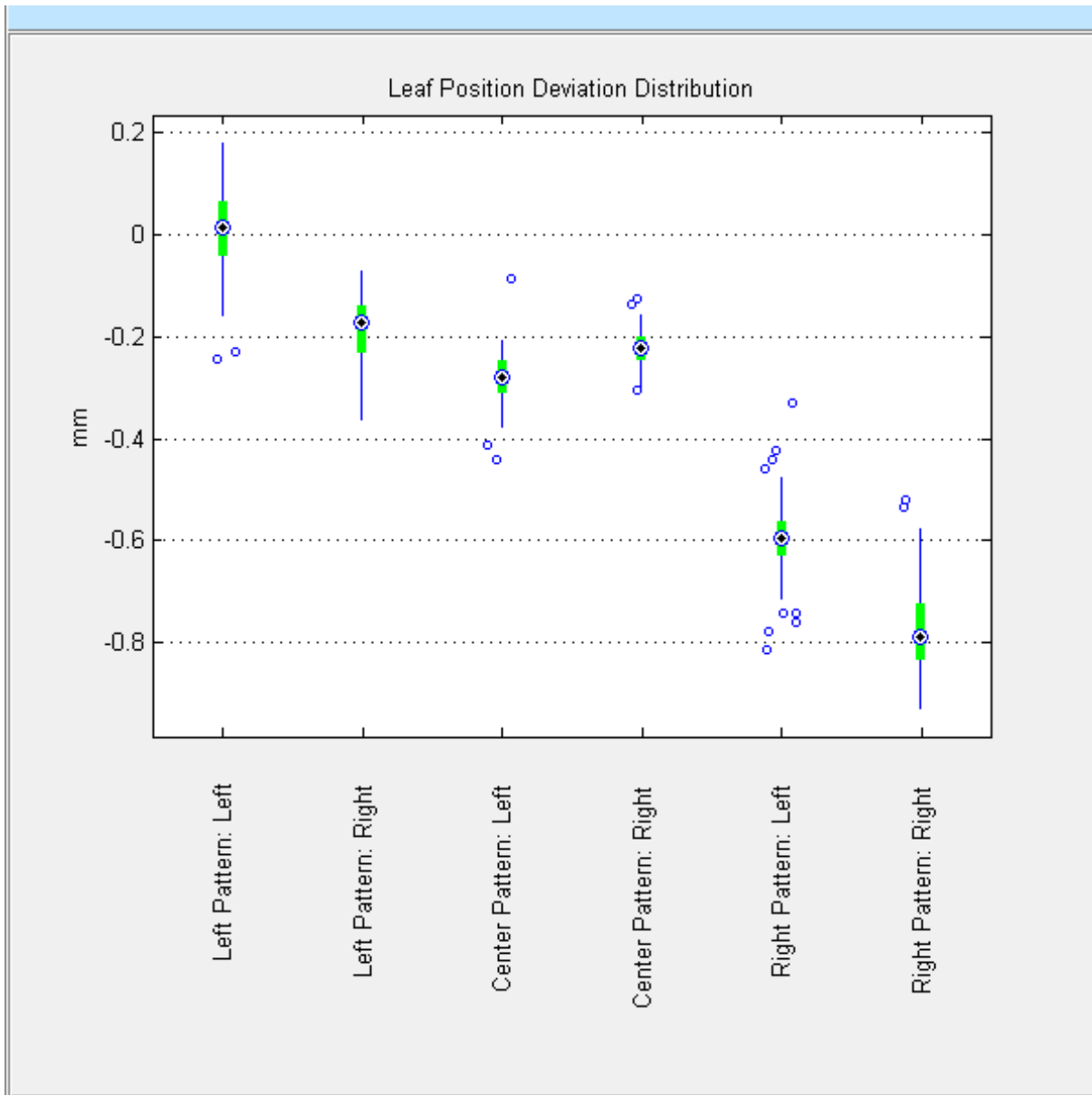
Summary Data

Measurement	Value
Imager Pixel Scale (at Isocenter) (mm)	0.2506
Leaf Position Deviation Tolerance	±1.00
Number of Leaf Positions Passing Tolerance	480
Percent of Leaf Positions Passing Tolerance	100.00
Number of Left Bank Leaf Positions Passing Tolerance	240
Percent of Left Bank Leaf Positions Passing Tolerance	100.00
Number of Right Bank Leaf Positions Passing Tolerance	240
Percent of Right Bank Leaf Positions Passing Tolerance	100.00

Leaf Position Deviation Plot



Leaf Dev. Distribution Plot



Leaf Position Deviation from Nominal (mm)

Edge	Left Pattern		Center Pattern		Right Pattern	
	L	R	L	R	L	R
1	-0.08	-0.36	-0.37	-0.22	-0.81	-0.75
2	-0.23	-0.34	-0.44	-0.24	-0.71	-0.76
3	-0.24	-0.34	-0.37	-0.21	-0.78	-0.73
4	-0.16	-0.35	-0.41	-0.23	-0.74	-0.79
5	-0.12	-0.25	-0.31	-0.27	-0.65	-0.73
6	-0.11	-0.28	-0.37	-0.22	-0.68	-0.85
7	-0.04	-0.27	-0.25	-0.21	-0.64	-0.78
8	-0.12	-0.29	-0.33	-0.26	-0.76	-0.85
9	-0.06	-0.28	-0.24	-0.24	-0.61	-0.72
10	-0.10	-0.23	-0.34	-0.18	-0.65	-0.90
11	-0.09	-0.31	-0.28	-0.24	-0.64	-0.70
12	-0.04	-0.28	-0.35	-0.23	-0.68	-0.79
13	-0.04	-0.26	-0.27	-0.28	-0.58	-0.77
14	-0.05	-0.28	-0.36	-0.24	-0.63	-0.80
15	-0.07	-0.25	-0.21	-0.24	-0.60	-0.75
16	0.02	-0.22	-0.25	-0.27	-0.56	-0.82
17	0.02	-0.17	-0.24	-0.26	-0.61	-0.79
18	-0.06	-0.19	-0.34	-0.24	-0.60	-0.84
19	-0.04	-0.15	-0.25	-0.28	-0.54	-0.74
20	-0.07	-0.16	-0.34	-0.30	-0.61	-0.85
21	-0.01	-0.20	-0.22	-0.29	-0.56	-0.85
22	-0.06	-0.24	-0.38	-0.23	-0.59	-0.80
23	0.04	-0.24	-0.21	-0.22	-0.62	-0.79
24	-0.00	-0.20	-0.32	-0.27	-0.57	-0.83
25	0.06	-0.20	-0.22	-0.27	-0.62	-0.87
26	-0.02	-0.26	-0.30	-0.24	-0.57	-0.85
27	0.02	-0.18	-0.28	-0.19	-0.59	-0.85
28	0.01	-0.20	-0.34	-0.25	-0.59	-0.79
29	0.00	-0.12	-0.28	-0.23	-0.64	-0.76
30	-0.02	-0.22	-0.30	-0.27	-0.59	-0.83
31	0.02	-0.20	-0.25	-0.31	-0.63	-0.84
32	0.01	-0.16	-0.31	-0.23	-0.62	-0.83
33	0.11	-0.13	-0.32	-0.23	-0.74	-0.83
34	-0.00	-0.14	-0.34	-0.21	-0.61	-0.82
35	0.03	-0.17	-0.24	-0.22	-0.60	-0.90
36	0.00	-0.17	-0.34	-0.19	-0.64	-0.93
37	0.03	-0.21	-0.26	-0.26	-0.63	-0.88
38	0.01	-0.22	-0.25	-0.27	-0.59	-0.87
39	0.05	-0.14	-0.21	-0.27	-0.58	-0.82
40	0.03	-0.18	-0.27	-0.20	-0.66	-0.90
41	0.07	-0.13	-0.25	-0.28	-0.59	-0.84
42	0.05	-0.17	-0.29	-0.17	-0.62	-0.77
43	0.10	-0.17	-0.24	-0.19	-0.64	-0.79
44	0.07	-0.12	-0.28	-0.14	-0.61	-0.78
45	0.11	-0.16	-0.24	-0.20	-0.63	-0.84
46	0.07	-0.12	-0.31	-0.22	-0.58	-0.83
47	0.06	-0.13	-0.25	-0.22	-0.56	-0.81
48	0.12	-0.14	-0.30	-0.23	-0.57	-0.83
49	0.04	-0.10	-0.26	-0.23	-0.56	-0.77
50	0.16	-0.14	-0.27	-0.12	-0.52	-0.77
51	0.11	-0.16	-0.28	-0.20	-0.60	-0.79
52	0.09	-0.12	-0.26	-0.16	-0.66	-0.79
53	0.18	-0.13	-0.28	-0.20	-0.60	-0.81
54	0.06	-0.11	-0.28	-0.19	-0.56	-0.81
55	0.09	-0.18	-0.25	-0.20	-0.56	-0.78
56	0.05	-0.24	-0.23	-0.22	-0.54	-0.69
57	0.10	-0.17	-0.27	-0.24	-0.61	-0.81
58	0.07	-0.09	-0.30	-0.16	-0.58	-0.71
59	0.10	-0.15	-0.31	-0.22	-0.61	-0.79
60	0.06	-0.21	-0.29	-0.19	-0.56	-0.69
61	0.08	-0.10	-0.26	-0.23	-0.52	-0.77
62	0.12	-0.09	-0.29	-0.17	-0.63	-0.74
63	0.08	-0.15	-0.25	-0.22	-0.55	-0.72
64	0.05	-0.21	-0.28	-0.20	-0.50	-0.71

65	0.06	-0.14	-0.30	-0.29	-0.62	-0.83
66	0.04	-0.16	-0.28	-0.18	-0.51	-0.71
67	0.01	-0.17	-0.25	-0.22	-0.56	-0.75
68	-0.00	-0.20	-0.31	-0.18	-0.59	-0.72
69	0.01	-0.08	-0.24	-0.20	-0.44	-0.70
70	-0.00	-0.08	-0.29	-0.21	-0.51	-0.70
71	0.01	-0.13	-0.25	-0.21	-0.52	-0.69
72	0.02	-0.15	-0.28	-0.17	-0.57	-0.70
73	0.07	-0.11	-0.29	-0.21	-0.56	-0.72
74	0.04	-0.18	-0.27	-0.20	-0.60	-0.72
75	-0.04	-0.15	-0.21	-0.22	-0.53	-0.60
76	-0.08	-0.23	-0.27	-0.17	-0.46	-0.53
77	-0.05	-0.07	-0.28	-0.24	-0.57	-0.58
78	-0.08	-0.17	-0.25	-0.18	-0.48	-0.69
79	-0.12	-0.17	-0.23	-0.26	-0.42	-0.52
80	-0.03	-0.25	-0.09	-0.22	-0.33	-0.59



Leaf Position Relative to CAX (mm)

Edge	Left Pattern		Center Pattern		Right Pattern	
	L	R	L	R	L	R
1	-110.08	-100.36	-5.37	4.78	99.19	109.25
2	-110.23	-100.34	-5.44	4.76	99.29	109.24
3	-110.24	-100.34	-5.37	4.79	99.22	109.27
4	-110.16	-100.35	-5.41	4.77	99.26	109.21
5	-110.12	-100.25	-5.31	4.73	99.35	109.27
6	-110.11	-100.28	-5.37	4.78	99.32	109.15
7	-110.04	-100.27	-5.25	4.79	99.36	109.22
8	-110.12	-100.29	-5.33	4.74	99.24	109.15
9	-110.06	-100.28	-5.24	4.76	99.39	109.28
10	-110.10	-100.23	-5.34	4.82	99.35	109.10
11	-110.09	-100.31	-5.28	4.76	99.36	109.30
12	-110.04	-100.28	-5.35	4.77	99.32	109.21
13	-110.04	-100.26	-5.27	4.72	99.42	109.23
14	-110.05	-100.28	-5.36	4.76	99.37	109.20
15	-110.07	-100.25	-5.21	4.76	99.40	109.25
16	-109.98	-100.22	-5.25	4.73	99.44	109.18
17	-109.98	-100.17	-5.24	4.74	99.39	109.21
18	-110.06	-100.19	-5.34	4.76	99.40	109.16
19	-110.04	-100.15	-5.25	4.72	99.46	109.26
20	-110.07	-100.16	-5.34	4.70	99.39	109.15
21	-110.01	-100.20	-5.22	4.71	99.44	109.15
22	-110.06	-100.24	-5.38	4.77	99.41	109.20
23	-109.96	-100.24	-5.21	4.78	99.38	109.21
24	-110.00	-100.20	-5.32	4.73	99.43	109.17
25	-109.94	-100.20	-5.22	4.73	99.38	109.13
26	-110.02	-100.26	-5.30	4.76	99.43	109.15
27	-109.98	-100.18	-5.28	4.81	99.41	109.15
28	-109.99	-100.20	-5.34	4.75	99.41	109.21
29	-110.00	-100.12	-5.28	4.77	99.36	109.24
30	-110.02	-100.22	-5.30	4.73	99.41	109.17
31	-109.98	-100.20	-5.25	4.69	99.37	109.16
32	-109.99	-100.16	-5.31	4.77	99.38	109.17
33	-109.89	-100.13	-5.32	4.77	99.26	109.17
34	-110.00	-100.14	-5.34	4.79	99.39	109.18
35	-109.97	-100.17	-5.24	4.78	99.40	109.10
36	-110.00	-100.17	-5.34	4.81	99.36	109.07
37	-109.97	-100.21	-5.26	4.74	99.37	109.12
38	-109.99	-100.22	-5.25	4.73	99.41	109.13
39	-109.95	-100.14	-5.21	4.73	99.42	109.18
40	-109.97	-100.18	-5.27	4.80	99.34	109.10
41	-109.93	-100.13	-5.25	4.72	99.41	109.16
42	-109.95	-100.17	-5.29	4.83	99.38	109.23
43	-109.90	-100.17	-5.24	4.81	99.36	109.21
44	-109.93	-100.12	-5.28	4.86	99.39	109.22
45	-109.89	-100.16	-5.24	4.80	99.37	109.16
46	-109.93	-100.12	-5.31	4.78	99.42	109.17
47	-109.94	-100.13	-5.25	4.78	99.44	109.19
48	-109.88	-100.14	-5.30	4.77	99.43	109.17
49	-109.96	-100.10	-5.26	4.77	99.44	109.23
50	-109.84	-100.14	-5.27	4.88	99.48	109.23
51	-109.89	-100.16	-5.28	4.80	99.40	109.21
52	-109.91	-100.12	-5.26	4.84	99.34	109.21
53	-109.82	-100.13	-5.28	4.80	99.40	109.19
54	-109.94	-100.11	-5.28	4.81	99.44	109.19
55	-109.91	-100.18	-5.25	4.80	99.44	109.22
56	-109.95	-100.24	-5.23	4.78	99.46	109.31
57	-109.90	-100.17	-5.27	4.76	99.39	109.19
58	-109.93	-100.09	-5.30	4.84	99.42	109.29
59	-109.90	-100.15	-5.31	4.78	99.39	109.21
60	-109.94	-100.21	-5.29	4.81	99.44	109.31
61	-109.92	-100.10	-5.26	4.77	99.48	109.23
62	-109.88	-100.09	-5.29	4.83	99.37	109.26
63	-109.92	-100.15	-5.25	4.78	99.45	109.28
64	-109.95	-100.21	-5.28	4.80	99.50	109.29



65	-109.94	-100.14	-5.30	4.71	99.38	109.17
66	-109.96	-100.16	-5.28	4.82	99.49	109.29
67	-109.99	-100.17	-5.25	4.78	99.44	109.25
68	-110.00	-100.20	-5.31	4.82	99.41	109.28
69	-109.99	-100.08	-5.24	4.80	99.56	109.30
70	-110.00	-100.08	-5.29	4.79	99.49	109.30
71	-109.99	-100.13	-5.25	4.79	99.48	109.31
72	-109.98	-100.15	-5.28	4.83	99.43	109.30
73	-109.93	-100.11	-5.29	4.79	99.44	109.28
74	-109.96	-100.18	-5.27	4.80	99.40	109.28
75	-110.04	-100.15	-5.21	4.78	99.47	109.40
76	-110.08	-100.23	-5.27	4.83	99.54	109.47
77	-110.05	-100.07	-5.28	4.76	99.43	109.42
78	-110.08	-100.17	-5.25	4.82	99.52	109.31
79	-110.12	-100.17	-5.23	4.74	99.58	109.48
80	-110.03	-100.25	-5.09	4.78	99.67	109.41