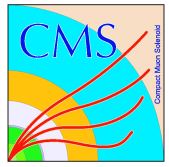
Finalized CRAFT-2009 CSC Alignment: Just the Numbers (Global Coordinates)

Jim Pivarski

Texas A&M University

11 October, 2009

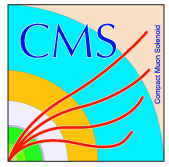
All the values



All values relative to ideal, alternating x, y, z (mm) and ϕ_x, ϕ_y, ϕ_z (mrad)
Columns: PG + hardware, same + global adjustment, same + track-based chambers
(color applied only if chamber was aligned)

chamber	x or ϕ_x	y or ϕ_y	z or ϕ_z
+1/1, 01	+1815.00 +1819.95 +1819.95	−0.00 −1.62 −1.62	+6151.93 +6151.93 +6151.93
	−3141.59 −3141.59 −3141.59	−0.00 −0.00 −0.00	+1570.80 +1570.96 +1570.96
+1/1, 02	+1787.43 +1792.33 +1792.33	+315.17 +313.54 +313.54	+5857.06 +5857.06 +5857.06
	−3141.59 −3141.59 −3141.59	−0.00 −0.00 −0.00	+1745.33 +1745.50 +1745.50
+1/1, 03	+1705.54 +1710.39 +1710.39	+620.77 +619.13 +619.13	+6150.06 +6150.06 +6150.06
	−3141.59 −3141.59 −3141.59	−0.00 −0.00 −0.00	+1919.86 +1920.03 +1920.03
+1/1, 04	+1571.84 +1576.64 +1576.64	+907.50 +905.84 +905.84	+5858.93 +5858.93 +5858.93
	−3141.59 −3141.59 −3141.59	−0.00 −0.00 −0.00	+2094.40 +2094.56 +2094.56
+1/1, 05	+1390.37 +1395.13 +1395.13	+1166.66 +1164.96 +1164.96	+6151.93 +6151.93 +6151.93
	−3141.59 −3141.59 −3141.59	−0.00 −0.00 −0.00	+2268.93 +2269.10 +2269.10
+1/1, 06	+1166.66 +1171.38 +1171.38	+1390.37 +1388.64 +1388.64	+5858.93 +5858.93 +5858.93
	−3141.59 −3141.59 −3141.59	−0.00 −0.00 −0.00	+2443.46 +2443.63 +2443.63
+1/1, 07	+907.50 +912.19 +912.19	+1571.84 +1570.06 +1570.06	+6151.93 +6151.93 +6151.93
	−3141.59 −3141.59 −3141.59	−0.00 −0.00 −0.00	+2617.99 +2618.16 +2618.16
+1/1, 08	+620.77 +625.43 +625.43	+1705.54 +1703.72 +1703.72	+5855.50 +5855.50 +5855.50
	−3141.59 −3141.59 −3141.59	−0.00 −0.00 −0.00	+2792.53 +2792.70 +2792.70
+1/1, 09	+315.17 +319.82 +319.82	+1787.43 +1785.55 +1785.55	+6148.50 +6148.50 +6148.50
	−3141.59 −3141.59 −3141.59	−0.00 −0.00 −0.00	+2967.06 +2967.23 +2967.23
+1/1, 10	−0.00 +4.65 +4.65	+1815.00 +1813.07 +1813.07	+5858.93 +5858.93 +5858.93
	+3141.59 −3141.59 −3141.59	+0.00 +0.00 +0.00	+3141.59 −3141.42 −3141.42
+1/1, 11	−315.17 −310.52 −310.52	+1787.43 +1785.44 +1785.44	+6151.93 +6151.93 +6151.93
	−3141.59 −3141.59 −3141.59	+0.00 +0.00 +0.00	−2967.06 −2966.89 −2966.89
+1/1, 12	−620.77 −616.10 −616.10	+1705.54 +1703.51 +1703.51	+5858.93 +5858.93 +5858.93
	−3141.59 −3141.59 −3141.59	+0.00 +0.00 +0.00	−2792.53 −2792.36 −2792.36

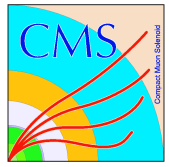
All the values



All values relative to ideal, alternating x, y, z (mm) and ϕ_x, ϕ_y, ϕ_z (mrad)
Columns: PG + hardware, same + global adjustment, same + track-based chambers
(color applied only if chamber was aligned)

chamber	x or ϕ_x	y or ϕ_y	z or ϕ_z
+1/1, 13	−907.50 −902.81 −902.81	+1571.84 +1569.75 +1569.75	+6151.93 +6151.93 +6151.93
	−3141.59 −3141.59 −3141.59	+0.00 +0.00 +0.00	−2617.99 −2617.83 −2617.83
+1/1, 14	−1166.66 −1161.94 −1161.94	+1390.37 +1388.24 +1388.24	+5854.32 +5854.32 +5854.32
	−3141.59 −3141.59 −3141.59	+0.00 +0.00 +0.00	−2443.46 −2443.29 −2443.29
+1/1, 15	−1390.37 −1385.61 −1385.61	+1166.66 +1164.50 +1164.50	+6147.32 +6147.32 +6147.32
	−3141.59 −3141.59 −3141.59	+0.00 +0.00 +0.00	−2268.93 −2268.76 −2268.76
+1/1, 16	−1571.84 −1567.04 −1567.04	+907.50 +905.31 +905.31	+5858.93 +5858.93 +5858.93
	−3141.59 −3141.59 −3141.59	+0.00 +0.00 +0.00	−2094.40 −2094.23 −2094.23
+1/1, 17	−1705.54 −1700.69 −1700.69	+620.77 +618.55 +618.55	+6151.93 +6151.93 +6151.93
	−3141.59 −3141.59 −3141.59	+0.00 +0.00 +0.00	−1919.86 −1919.69 −1919.69
+1/1, 18	−1787.43 −1782.53 −1782.53	+315.17 +312.94 +312.94	+5858.93 +5858.93 +5858.93
	−3141.59 −3141.59 −3141.59	+0.00 +0.00 +0.00	−1745.33 −1745.16 −1745.16
+1/1, 19	−1815.00 −1810.05 −1810.05	−0.00 −2.23 −2.23	+6151.93 +6151.93 +6151.93
	−3141.59 −3141.59 −3141.59	+0.00 +0.00 +0.00	−1570.80 −1570.63 −1570.63
+1/1, 20	−1787.43 −1782.42 −1782.42	−315.17 −317.40 −317.40	+5859.03 +5859.03 +5859.03
	−3141.59 −3141.59 −3141.59	+0.00 +0.00 +0.00	−1396.26 −1396.09 −1396.09
+1/1, 21	−1705.54 −1700.48 −1700.48	−620.77 −622.98 −622.98	+6152.03 +6152.03 +6152.03
	−3141.59 −3141.59 −3141.59	+0.00 +0.00 +0.00	−1221.73 −1221.56 −1221.56
+1/1, 22	−1571.84 −1566.73 −1566.73	−907.50 −909.69 −909.69	+5858.93 +5858.93 +5858.93
	−3141.59 −3141.59 −3141.59	+0.00 +0.00 +0.00	−1047.20 −1047.03 −1047.03
+1/1, 23	−1390.37 −1385.22 −1385.22	−1166.66 −1168.82 −1168.82	+6151.93 +6151.93 +6151.93
	−3141.59 −3141.59 −3141.59	+0.00 +0.00 +0.00	−872.66 −872.50 −872.50
+1/1, 24	−1166.66 −1161.47 −1161.47	−1390.37 −1392.50 −1392.50	+5858.93 +5858.93 +5858.93
	−3141.59 −3141.59 −3141.59	+0.00 +0.00 +0.00	−698.13 −697.96 −697.96

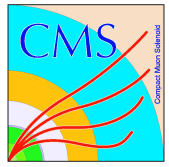
All the values



All values relative to ideal, alternating x, y, z (mm) and ϕ_x, ϕ_y, ϕ_z (mrad)
Columns: PG + hardware, same + global adjustment, same + track-based chambers
(color applied only if chamber was aligned)

chamber	x or ϕ_x	y or ϕ_y	z or ϕ_z
+1/1, 25	−907.50 −902.28 −902.28	−1571.84 −1573.92 −1573.92	+6151.93 +6151.93 +6151.93
	−3141.59 −3141.59 −3141.59	+0.00 +0.00 +0.00	−523.60 −523.43 −523.43
+1/1, 26	−620.77 −615.53 −615.53	−1705.54 −1707.58 −1707.58	+5862.45 +5862.45 +5862.45
	−3141.59 −3141.59 −3141.59	+0.00 +0.00 +0.00	−349.07 −348.90 −348.90
+1/1, 27	−315.17 −309.92 −309.92	−1787.43 −1789.41 −1789.41	+6155.45 +6155.45 +6155.45
	−3141.59 −3141.59 −3141.59	+0.00 +0.00 +0.00	−174.53 −174.36 −174.36
+1/1, 28	−0.00 +5.26 +5.26	−1815.00 −1816.93 −1816.93	+5858.93 +5858.93 +5858.93
	+3141.59 +3141.59 +3141.59	+0.00 +0.00 +0.00	+0.00 +0.17 +0.17
+1/1, 29	+315.17 +320.43 +320.43	−1787.43 −1789.30 −1789.30	+6151.93 +6151.93 +6151.93
	+3141.59 +3141.59 +3141.59	+0.00 +0.00 +0.00	+174.53 +174.70 +174.70
+1/1, 30	+620.77 +626.01 +626.01	−1705.54 −1707.37 −1707.37	+5858.93 +5858.93 +5858.93
	+3141.59 +3141.59 +3141.59	+0.00 +0.00 +0.00	+349.07 +349.23 +349.23
+1/1, 31	+907.50 +912.72 +912.72	−1571.84 −1573.61 −1573.61	+6151.93 +6151.93 +6151.93
	+3141.59 +3141.59 +3141.59	+0.00 +0.00 +0.00	+523.60 +523.77 +523.77
+1/1, 32	+1166.66 +1171.85 +1171.85	−1390.37 −1392.10 −1392.10	+5865.20 +5865.20 +5865.20
	+3141.59 +3141.59 +3141.59	+0.00 +0.00 +0.00	+698.13 +698.30 +698.30
+1/1, 33	+1390.37 +1395.52 +1395.52	−1166.66 −1168.35 −1168.35	+6158.20 +6158.20 +6158.20
	+3141.59 +3141.59 +3141.59	+0.00 +0.00 +0.00	+872.66 +872.83 +872.83
+1/1, 34	+1571.84 +1576.94 +1576.94	−907.50 −909.16 −909.16	+5858.93 +5858.93 +5858.93
	+3141.59 +3141.59 +3141.59	+0.00 +0.00 +0.00	+1047.20 +1047.37 +1047.37
+1/1, 35	+1705.54 +1710.60 +1710.60	−620.77 −622.41 −622.41	+6151.93 +6151.93 +6151.93
	+3141.59 +3141.59 +3141.59	+0.00 +0.00 +0.00	+1221.73 +1221.90 +1221.90
+1/1, 36	+1787.43 +1792.43 +1792.43	−315.17 −316.80 −316.80	+5858.93 +5858.93 +5858.93
	+3141.59 +3141.59 +3141.59	+0.00 +0.00 +0.00	+1396.26 +1396.43 +1396.43

All the values



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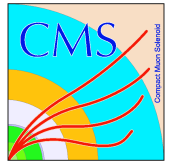
(color applied only if chamber was aligned)

chamber	x or ϕ_x	y or ϕ_y	z or ϕ_z
+1/2, 01	+3697.00 +3702.05 +3702.05	−0.00 +1.30 +1.30	+7122.57 +7122.57 +7122.57
	+3137.22 +3137.22 +3137.23	−0.00 −0.00 −0.00	+1570.62 +1570.75 +1570.75
+1/2, 02	+3640.83 +3645.80 +3645.80	+641.98 +643.27 +643.27	+6847.47 +6847.47 +6847.47
	+3137.23 +3137.23 +3137.24	+0.00 +0.00 +0.00	+1745.45 +1745.58 +1745.58
+1/2, 03	+3474.04 +3478.93 +3478.93	+1264.45 +1265.72 +1265.72	+7122.57 +7122.57 +7122.57
	+3137.22 +3137.22 +3137.23	−0.00 −0.00 −0.01	+1919.68 +1919.82 +1919.82
+1/2, 04	+3201.70 +3206.50 +3206.50	+1848.50 +1849.74 +1849.74	+6848.57 +6848.57 +6848.57
	+3137.22 +3137.22 +3137.23	−0.00 −0.00 −0.00	+2094.22 +2094.35 +2094.35
+1/2, 05	+2832.07 +2836.80 +2836.80	+2376.39 +2377.57 +2377.57	+7122.57 +7122.57 +7122.57
	+3137.22 +3137.22 +3137.23	−0.00 −0.00 +0.01	+2268.75 +2268.88 +2268.88
+1/2, 06	+2376.39 +2381.06 +2381.63	+2832.07 +2833.19 +2832.72	+6848.57 +6848.57 +6848.57
	+3137.22 +3137.22 +3137.22	−0.00 −0.00 −1.07	+2443.28 +2443.41 +2442.28
+1/2, 07	+1848.50 +1853.13 +1851.89	+3201.70 +3202.75 +3203.47	+7122.57 +7122.57 +7122.57
	+3137.22 +3137.22 +3137.23	−0.00 −0.00 −0.20	+2617.81 +2617.95 +2617.28
+1/2, 08	+1264.45 +1269.04 +1269.77	+3474.04 +3475.02 +3474.76	+6847.19 +6847.19 +6847.19
	+3136.96 +3136.96 +3136.96	−0.00 −0.00 +2.12	+2792.49 +2792.62 +2792.50
+1/2, 09	+641.98 +646.55 +646.24	+3640.83 +3641.73 +3641.79	+7122.57 +7122.57 +7122.57
	+3137.22 +3137.22 +3137.23	−0.00 −0.00 −1.77	+2966.88 +2967.01 +2968.43
+1/2, 10	−0.00 +4.56 +6.68	+3697.00 +3697.81 +3697.81	+6848.57 +6848.57 +6848.57
	+3137.22 +3137.22 +3137.23	−0.00 −0.00 −0.85	+3141.41 +3141.55 −3141.55
+1/2, 11	−641.98 −637.41 −637.41	+3640.83 +3641.56 +3641.56	+7122.57 +7122.57 +7122.57
	+3137.22 +3137.22 +3137.23	−0.00 −0.00 +0.00	−2967.24 −2967.11 −2967.11
+1/2, 12	−1264.45 −1259.86 −1259.86	+3474.04 +3474.69 +3474.69	+6848.57 +6848.57 +6848.57
	+3137.22 +3137.22 +3137.23	−0.00 −0.00 −0.01	−2792.71 −2792.57 −2792.57

All the values



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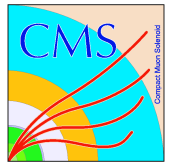
Columns: PG + hardware, same + global adjustment, same + track-based chambers
(color applied only if chamber was aligned)

chamber	x or ϕ_x			y or ϕ_y			z or ϕ_z		
+1/2, 13	−1848.50	−1843.87	−1845.84	+3201.70	+3202.26	+3201.12	+7122.57	+7122.57	+7122.57
	+3137.22	+3137.22	+3137.23	−0.00	−0.00	−0.61	−2618.17	−2618.04	−2615.71
+1/2, 14	−2376.39	−2371.71	−2370.55	+2832.07	+2832.56	+2833.54	+6847.56	+6847.56	+6847.56
	+3136.70	+3136.70	+3136.70	−0.00	−0.00	−1.25	−2444.05	−2443.92	−2443.87
+1/2, 15	−2832.07	−2827.33	−2827.33	+2376.39	+2376.82	+2376.82	+7122.57	+7122.57	+7122.57
	+3137.22	+3137.22	+3137.23	−0.00	−0.00	+0.01	−2269.11	−2268.98	−2268.98
+1/2, 16	−3201.70	−3196.89	−3196.89	+1848.50	+1848.89	+1848.89	+6848.57	+6848.57	+6848.57
	+3137.22	+3137.22	+3137.23	−0.00	−0.00	+0.02	−2094.58	−2094.44	−2094.44
+1/2, 17	−3474.04	−3469.16	−3469.16	+1264.45	+1264.80	+1264.80	+7122.57	+7122.57	+7122.57
	+3137.22	+3137.22	+3137.23	−0.00	−0.00	−0.01	−1920.04	−1919.91	−1919.91
+1/2, 18	−3640.83	−3635.87	−3635.87	+641.98	+642.31	+642.31	+6848.57	+6848.57	+6848.57
	+3137.22	+3137.22	+3137.23	−0.00	−0.00	+0.00	−1745.51	−1745.38	−1745.38
+1/2, 19	−3697.00	−3691.95	−3691.95	−0.00	+0.32	+0.32	+7122.57	+7122.57	+7122.57
	+3137.22	+3137.22	+3137.23	−0.00	−0.00	−0.00	−1570.98	−1570.84	−1570.84
+1/2, 20	−3640.83	−3635.70	−3635.70	−641.98	−641.65	−641.65	+6848.30	+6848.30	+6848.30
	+3137.85	+3137.85	+3137.86	−0.00	−0.00	−0.00	−1396.70	−1396.57	−1396.57
+1/2, 21	−3474.04	−3468.82	−3468.82	−1264.45	−1264.10	−1264.10	+7122.57	+7122.57	+7122.57
	+3137.22	+3137.22	+3137.23	−0.00	−0.00	−0.01	−1221.91	−1221.78	−1221.78
+1/2, 22	−3201.70	−3196.40	−3196.40	−1848.50	−1848.11	−1848.11	+6848.57	+6848.57	+6848.57
	+3137.22	+3137.22	+3137.23	−0.00	−0.00	−0.00	−1047.38	−1047.24	−1047.24
+1/2, 23	−2832.07	−2826.70	−2824.54	−2376.39	−2375.95	−2378.53	+7122.57	+7122.57	+7122.57
	+3137.22	+3137.22	+3137.23	−0.00	−0.00	+0.81	−872.84	−872.71	−873.67
+1/2, 24	−2376.39	−2370.96	−2370.96	−2832.07	−2831.57	−2831.57	+6848.57	+6848.57	+6848.57
	+3137.22	+3137.22	+3137.23	−0.00	−0.00	−0.01	−698.31	−698.18	−698.18

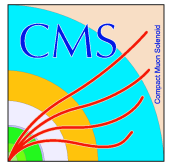
All the values



All values relative to ideal, alternating x, y, z (mm) and ϕ_x, ϕ_y, ϕ_z (mrad)
Columns: PG + hardware, same + global adjustment, same + track-based chambers
(color applied only if chamber was aligned)

chamber	x or ϕ_x	y or ϕ_y	z or ϕ_z
+1/2, 25	−1848.50 −1843.02 −1841.87	−3201.70 −3201.13 −3201.80	+7122.57 +7122.57 +7122.57
	+3137.22 +3137.22 +3137.23	−0.00 −0.00 −0.69	−523.78 −523.65 −524.47
+1/2, 26	−1264.45 −1258.93 −1260.45	−3474.04 −3473.40 −3472.85	+6851.04 +6851.04 +6851.03
	+3137.12 +3137.12 +3137.11	−0.00 −0.00 −2.44	−349.11 −348.97 −349.21
+1/2, 27	−641.98 −636.44 −634.28	−3640.83 −3640.11 −3640.49	+7122.57 +7122.57 +7122.56
	+3137.22 +3137.22 +3137.23	−0.00 −0.00 +2.13	−174.71 −174.58 −172.89
+1/2, 28	−0.00 +5.54 +4.10	−3697.00 −3696.19 −3696.19	+6848.57 +6848.57 +6848.56
	+3137.22 +3137.22 +3137.23	−0.00 −0.00 −3.22	−0.18 −0.05 −0.47
+1/2, 29	+641.98 +647.51 +648.08	−3640.83 −3639.94 −3639.84	+7122.57 +7122.57 +7122.57
	+3137.22 +3137.22 +3137.22	−0.00 −0.00 −2.23	+174.35 +174.49 +175.66
+1/2, 30	+1264.45 +1269.96 +1270.08	−3474.04 −3473.06 −3473.02	+6848.57 +6848.57 +6848.57
	+3137.22 +3137.22 +3137.23	−0.00 −0.00 −1.04	+348.89 +349.02 +347.98
+1/2, 31	+1848.50 +1853.98 +1853.98	−3201.70 −3200.64 −3200.64	+7122.57 +7122.57 +7122.57
	+3137.22 +3137.22 +3137.23	−0.00 −0.00 −0.01	+523.42 +523.55 +523.55
+1/2, 32	+2376.39 +2381.82 +2381.99	−2832.07 −2830.94 −2830.80	+6849.86 +6849.86 +6849.86
	+3137.47 +3137.47 +3137.48	−0.00 −0.00 +0.37	+698.04 +698.17 +698.90
+1/2, 33	+2832.07 +2837.44 +2837.44	−2376.39 −2375.20 −2375.20	+7122.57 +7122.57 +7122.57
	+3137.22 +3137.22 +3137.23	−0.00 −0.00 +0.01	+872.48 +872.62 +872.62
+1/2, 34	+3201.70 +3206.99 +3206.99	−1848.50 −1847.26 −1847.26	+6848.57 +6848.57 +6848.57
	+3137.22 +3137.22 +3137.23	−0.00 −0.00 +0.00	+1047.02 +1047.15 +1047.15
+1/2, 35	+3474.04 +3479.26 +3479.26	−1264.45 −1263.18 −1263.18	+7122.57 +7122.57 +7122.57
	+3137.22 +3137.22 +3137.23	−0.00 −0.00 −0.01	+1221.55 +1221.68 +1221.68
+1/2, 36	+3640.83 +3645.97 +3645.97	−641.98 −640.68 −640.68	+6848.57 +6848.57 +6848.57
	+3137.22 +3137.22 +3137.23	−0.00 −0.00 +0.00	+1396.08 +1396.22 +1396.22

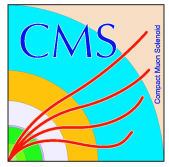
All the values



All values relative to ideal, alternating x, y, z (mm) and ϕ_x, ϕ_y, ϕ_z (mrad)
Columns: PG + hardware, same + global adjustment, same + track-based chambers
(color applied only if chamber was aligned)

chamber	x or ϕ_x	y or ϕ_y	z or ϕ_z
+1/3, 01	+5953.07 +5957.43 +5957.43	−1.16 +2.17 +2.17	+6949.00 +6949.00 +6949.00
	+3140.26 +3140.26 +3140.26	−0.00 −0.00 +0.00	+1570.46 +1570.48 +1570.48
+1/3, 02	+5862.37 +5866.71 +5866.71	+1031.80 +1035.13 +1035.13	+6949.00 +6949.00 +6949.00
	+3140.26 +3140.26 +3140.26	+0.00 −0.00 −0.00	+1745.05 +1745.07 +1745.07
+1/3, 03	+5594.95 +5599.28 +5599.28	+2034.80 +2038.12 +2038.12	+6948.41 +6948.41 +6948.41
	+3139.16 +3139.16 +3139.15	−0.00 −0.00 +0.00	+1919.07 +1919.09 +1919.09
+1/3, 04	+5156.47 +5160.77 +5160.77	+2975.57 +2978.89 +2978.89	+6949.00 +6949.00 +6949.00
	+3140.26 +3140.26 +3140.26	+0.00 +0.00 +0.02	+2094.65 +2094.66 +2094.66
+1/3, 05	+4561.03 +4565.31 +4565.31	+3826.37 +3829.68 +3829.68	+6949.00 +6949.00 +6949.00
	+3140.26 +3140.26 +3140.26	−0.00 +0.00 −0.03	+2268.13 +2268.15 +2268.15
+1/3, 06	+3827.74 +3832.02 +3832.02	+4559.17 +4562.46 +4562.46	+6949.00 +6949.00 +6949.00
	+3140.26 +3140.26 +3140.26	−0.00 +0.00 −0.04	+2443.00 +2443.02 +2443.02
+1/3, 07	+2975.96 +2980.22 +2980.22	+5153.89 +5157.16 +5157.16	+6949.00 +6949.00 +6949.00
	+3140.26 +3140.26 +3140.26	+0.00 −0.00 +0.02	+2617.28 +2617.30 +2617.30
+1/3, 08	+2035.53 +2039.79 +2039.79	+5592.58 +5595.83 +5595.83	+6949.00 +6949.00 +6949.00
	+3140.26 +3140.26 +3140.26	+0.00 +0.00 −0.00	+2792.53 +2792.55 +2792.55
+1/3, 09	+1033.47 +1037.72 +1037.72	+5861.08 +5864.32 +5864.32	+6946.88 +6946.88 +6946.88
	+3139.74 +3139.74 +3139.73	+0.00 +0.00 +0.00	+2967.06 +2967.08 +2967.08
+1/3, 10	−0.00 +4.25 +4.25	+5951.50 +5954.72 +5954.72	+6949.00 +6949.00 +6949.00
	+3140.26 +3140.26 +3140.26	+0.00 +0.00 +0.00	+3141.59 −3141.57 −3141.57
+1/3, 11	−1033.47 −1029.22 −1029.22	+5861.08 +5864.28 +5864.28	+6949.00 +6949.00 +6949.00
	+3140.26 +3140.26 +3140.26	+0.00 +0.00 −0.01	−2967.06 −2967.04 −2967.04
+1/3, 12	−2036.31 −2032.05 −2032.05	+5593.47 +5596.65 +5596.65	+6949.00 +6949.00 +6949.00
	+3140.26 +3140.26 +3140.26	+0.00 −0.00 +0.00	−2792.98 −2792.96 −2792.96

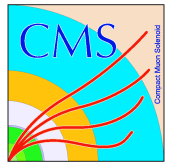
All the values



All values relative to ideal, alternating x, y, z (mm) and ϕ_x, ϕ_y, ϕ_z (mrad)
Columns: PG + hardware, same + global adjustment, same + track-based chambers
(color applied only if chamber was aligned)

chamber	x or ϕ_x			y or ϕ_y			z or ϕ_z		
+1/3, 13	−2976.13	−2971.86	−2971.86	+5154.89	+5158.05	+5158.05	+6949.00	+6949.00	+6949.00
	+3140.26	+3140.26	+3140.26	−0.00	−0.00	+0.02	−2617.50	−2617.48	−2617.48
+1/3, 14	−3826.93	−3822.66	−3822.66	+4559.26	+4562.41	+4562.41	+6947.98	+6947.98	+6947.98
	+3140.70	+3140.70	+3140.68	−0.00	+0.00	+0.05	−2443.78	−2443.77	−2443.77
+1/3, 15	−4560.81	−4556.52	−4556.52	+3827.01	+3830.14	+3830.14	+6949.00	+6949.00	+6949.00
	+3140.26	+3140.26	+3140.26	−0.00	−0.00	−0.04	−2269.44	−2269.42	−2269.42
+1/3, 16	−5154.75	−5150.45	−5150.45	+2975.91	+2979.03	+2979.03	+6949.00	+6949.00	+6949.00
	+3140.26	+3140.26	+3140.26	+0.00	+0.00	−0.00	−2094.18	−2094.16	−2094.16
+1/3, 17	−5594.12	−5589.80	−5589.80	+2034.60	+2037.71	+2037.71	+6949.00	+6949.00	+6949.00
	+3140.26	+3140.26	+3140.26	+0.00	−0.00	+0.02	−1918.84	−1918.82	−1918.82
+1/3, 18	−5863.10	−5858.76	−5858.76	+1032.93	+1036.04	+1036.04	+6949.00	+6949.00	+6949.00
	+3140.26	+3140.26	+3140.26	+0.00	+0.00	+0.00	−1744.91	−1744.89	−1744.89
+1/3, 19	−5953.52	−5949.16	−5949.16	−0.44	+2.66	+2.66	+6949.00	+6949.00	+6949.00
	+3140.26	+3140.26	+3140.26	−0.00	−0.00	−0.00	−1569.75	−1569.73	−1569.73
+1/3, 20	−5863.72	−5859.34	−5859.34	−1033.78	−1030.67	−1030.67	+6950.74	+6950.74	+6950.74
	+3139.55	+3139.55	+3139.55	+0.00	−0.00	−0.01	−1395.14	−1395.12	−1395.12
+1/3, 21	−5595.11	−5590.71	−5590.71	−2036.20	−2033.09	−2033.09	+6949.00	+6949.00	+6949.00
	+3140.26	+3140.26	+3140.26	−0.00	+0.00	+0.00	−1221.62	−1221.60	−1221.60
+1/3, 22	−5156.12	−5151.70	−5151.70	−2975.96	−2972.84	−2972.84	+6949.00	+6949.00	+6949.00
	+3140.26	+3140.26	+3140.26	−0.00	−0.00	−0.00	−1047.61	−1047.59	−1047.59
+1/3, 23	−4561.32	−4556.89	−4556.89	−3826.47	−3823.34	−3823.34	+6949.00	+6949.00	+6949.00
	+3140.26	+3140.26	+3140.26	+0.00	+0.00	+0.04	−873.53	−873.51	−873.51
+1/3, 24	−3826.74	−3822.29	−3822.29	−4558.60	−4555.46	−4555.46	+6949.00	+6949.00	+6949.00
	+3140.26	+3140.26	+3140.26	−0.00	+0.00	−0.04	−698.99	−698.97	−698.97

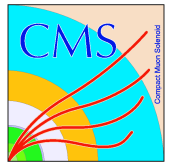
All the values



All values relative to ideal, alternating x, y, z (mm) and ϕ_x, ϕ_y, ϕ_z (mrad)
Columns: PG + hardware, same + global adjustment, same + track-based chambers
(color applied only if chamber was aligned)

chamber	x or ϕ_x	y or ϕ_y	z or ϕ_z
+1/3, 25	−2976.48 −2972.03 −2972.03	−5152.70 −5149.54 −5149.54	+6949.00 +6949.00 +6949.00
	+3140.26 +3140.26 +3140.26	−0.00 −0.00 +0.00	−523.07 −523.05 −523.05
+1/3, 26	−2036.56 −2032.09 −2027.29	−5593.01 −5589.84 −5591.58	+6949.00 +6949.00 +6949.00
	+3140.26 +3140.26 +3140.25	−0.00 +0.00 −0.84	−348.80 −348.78 −348.80
+1/3, 27	−1033.31 −1028.84 −1028.84	−5863.26 −5860.06 −5860.06	+6950.97 +6950.97 +6950.97
	+3141.04 +3141.04 +3141.00	−0.00 −0.00 +0.02	−175.14 −175.12 −175.12
+1/3, 28	−0.00 +4.47 +4.75	−5951.50 −5948.28 −5948.28	+6949.00 +6949.00 +6948.99
	+3140.26 +3140.26 +3140.27	+0.00 +0.00 +3.88	+0.00 +0.02 −0.17
+1/3, 29	+1033.72 +1038.19 +1038.19	−5858.43 −5855.20 −5855.20	+6949.00 +6949.00 +6949.00
	+3140.26 +3140.26 +3140.26	+0.00 +0.00 −0.01	+174.49 +174.51 +174.51
+1/3, 30	+2035.84 +2040.31 +2040.31	−5592.75 −5589.50 −5589.50	+6949.00 +6949.00 +6949.00
	+3140.26 +3140.26 +3140.26	−0.00 +0.00 +0.00	+349.20 +349.22 +349.22
+1/3, 31	+2976.39 +2980.84 +2980.84	−5153.25 −5149.98 −5149.98	+6949.00 +6949.00 +6949.00
	+3140.26 +3140.26 +3140.26	+0.00 −0.00 −0.04	+524.81 +524.83 +524.83
+1/3, 32	+3826.44 +3830.88 +3831.79	−4559.24 −4555.96 −4555.19	+6949.00 +6949.00 +6949.00
	+3140.26 +3140.26 +3140.25	+0.00 +0.00 −2.90	+698.73 +698.75 +700.28
+1/3, 33	+4559.39 +4563.82 +4563.82	−3826.86 −3823.56 −3823.56	+6949.00 +6949.00 +6949.00
	+3140.26 +3140.26 +3140.26	−0.00 +0.00 +0.03	+872.45 +872.47 +872.47
+1/3, 34	+5155.75 +5160.16 +5160.16	−2976.14 −2972.83 −2972.83	+6949.00 +6949.00 +6949.00
	+3140.26 +3140.26 +3140.26	+0.00 +0.00 −0.00	+1047.45 +1047.47 +1047.47
+1/3, 35	+5593.03 +5597.43 +5597.43	−2035.73 −2032.41 −2032.41	+6949.00 +6949.00 +6949.00
	+3140.26 +3140.26 +3140.26	+0.00 −0.00 −0.00	+1221.32 +1221.34 +1221.34
+1/3, 36	+5862.70 +5867.08 +5867.08	−1034.25 −1030.92 −1030.92	+6949.00 +6949.00 +6949.00
	+3140.26 +3140.26 +3140.26	+0.00 −0.00 +0.00	+1396.06 +1396.08 +1396.08

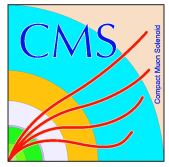
All the values



All values relative to ideal, alternating x, y, z (mm) and ϕ_x, ϕ_y, ϕ_z (mrad)
Columns: PG + hardware, same + global adjustment, same + track-based chambers
(color applied only if chamber was aligned)

chamber	x or ϕ_x	y or ϕ_y	z or ϕ_z
+1/4, 01	+1815.00 +1819.95 +1819.95	−0.00 −1.62 −1.62	+6151.93 +6151.93 +6151.93
	−3141.59 −3141.59 −3141.59	−0.00 −0.00 −0.00	+1570.80 +1570.96 +1570.96
+1/4, 02	+1787.43 +1792.33 +1792.33	+315.17 +313.54 +313.54	+5857.06 +5857.06 +5857.06
	−3141.59 −3141.59 −3141.59	−0.00 −0.00 −0.00	+1745.33 +1745.50 +1745.50
+1/4, 03	+1705.54 +1710.39 +1710.39	+620.77 +619.13 +619.13	+6150.06 +6150.06 +6150.06
	−3141.59 −3141.59 −3141.59	−0.00 −0.00 −0.00	+1919.86 +1920.03 +1920.03
+1/4, 04	+1571.84 +1576.64 +1576.64	+907.50 +905.84 +905.84	+5858.93 +5858.93 +5858.93
	−3141.59 −3141.59 −3141.59	−0.00 −0.00 −0.00	+2094.40 +2094.56 +2094.56
+1/4, 05	+1390.37 +1395.13 +1395.13	+1166.66 +1164.96 +1164.96	+6151.93 +6151.93 +6151.93
	−3141.59 −3141.59 −3141.59	−0.00 −0.00 −0.00	+2268.93 +2269.10 +2269.10
+1/4, 06	+1166.66 +1171.38 +1171.38	+1390.37 +1388.64 +1388.64	+5858.93 +5858.93 +5858.93
	−3141.59 −3141.59 −3141.59	−0.00 −0.00 −0.00	+2443.46 +2443.63 +2443.63
+1/4, 07	+907.50 +912.19 +912.19	+1571.84 +1570.06 +1570.06	+6151.93 +6151.93 +6151.93
	−3141.59 −3141.59 −3141.59	−0.00 −0.00 −0.00	+2617.99 +2618.16 +2618.16
+1/4, 08	+620.77 +625.43 +625.43	+1705.54 +1703.72 +1703.72	+5855.50 +5855.50 +5855.50
	−3141.59 −3141.59 −3141.59	−0.00 −0.00 −0.00	+2792.53 +2792.70 +2792.70
+1/4, 09	+315.17 +319.82 +319.82	+1787.43 +1785.55 +1785.55	+6148.50 +6148.50 +6148.50
	−3141.59 −3141.59 −3141.59	−0.00 −0.00 −0.00	+2967.06 +2967.23 +2967.23
+1/4, 10	−0.00 +4.65 +4.65	+1815.00 +1813.07 +1813.07	+5858.93 +5858.93 +5858.93
	+3141.59 −3141.59 −3141.59	+0.00 +0.00 +0.00	+3141.59 −3141.42 −3141.42
+1/4, 11	−315.17 −310.52 −310.52	+1787.43 +1785.44 +1785.44	+6151.93 +6151.93 +6151.93
	−3141.59 −3141.59 −3141.59	+0.00 +0.00 +0.00	−2967.06 −2966.89 −2966.89
+1/4, 12	−620.77 −616.10 −616.10	+1705.54 +1703.51 +1703.51	+5858.93 +5858.93 +5858.93
	−3141.59 −3141.59 −3141.59	+0.00 +0.00 +0.00	−2792.53 −2792.36 −2792.36

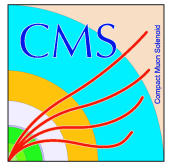
All the values



All values relative to ideal, alternating x, y, z (mm) and ϕ_x, ϕ_y, ϕ_z (mrad)
Columns: PG + hardware, same + global adjustment, same + track-based chambers
(color applied only if chamber was aligned)

chamber	x or ϕ_x	y or ϕ_y	z or ϕ_z
+1/4, 13	−907.50 −902.81 −902.81	+1571.84 +1569.75 +1569.75	+6151.93 +6151.93 +6151.93
	−3141.59 −3141.59 −3141.59	+0.00 +0.00 +0.00	−2617.99 −2617.83 −2617.83
+1/4, 14	−1166.66 −1161.94 −1161.94	+1390.37 +1388.24 +1388.24	+5854.32 +5854.32 +5854.32
	−3141.59 −3141.59 −3141.59	+0.00 +0.00 +0.00	−2443.46 −2443.29 −2443.29
+1/4, 15	−1390.37 −1385.61 −1385.61	+1166.66 +1164.50 +1164.50	+6147.32 +6147.32 +6147.32
	−3141.59 −3141.59 −3141.59	+0.00 +0.00 +0.00	−2268.93 −2268.76 −2268.76
+1/4, 16	−1571.84 −1567.04 −1567.04	+907.50 +905.31 +905.31	+5858.93 +5858.93 +5858.93
	−3141.59 −3141.59 −3141.59	+0.00 +0.00 +0.00	−2094.40 −2094.23 −2094.23
+1/4, 17	−1705.54 −1700.69 −1700.69	+620.77 +618.55 +618.55	+6151.93 +6151.93 +6151.93
	−3141.59 −3141.59 −3141.59	+0.00 +0.00 +0.00	−1919.86 −1919.69 −1919.69
+1/4, 18	−1787.43 −1782.53 −1782.53	+315.17 +312.94 +312.94	+5858.93 +5858.93 +5858.93
	−3141.59 −3141.59 −3141.59	+0.00 +0.00 +0.00	−1745.33 −1745.16 −1745.16
+1/4, 19	−1815.00 −1810.05 −1810.05	−0.00 −2.23 −2.23	+6151.93 +6151.93 +6151.93
	−3141.59 −3141.59 −3141.59	+0.00 +0.00 +0.00	−1570.80 −1570.63 −1570.63
+1/4, 20	−1787.43 −1782.42 −1782.42	−315.17 −317.40 −317.40	+5859.03 +5859.03 +5859.03
	−3141.59 −3141.59 −3141.59	+0.00 +0.00 +0.00	−1396.26 −1396.09 −1396.09
+1/4, 21	−1705.54 −1700.48 −1700.48	−620.77 −622.98 −622.98	+6152.03 +6152.03 +6152.03
	−3141.59 −3141.59 −3141.59	+0.00 +0.00 +0.00	−1221.73 −1221.56 −1221.56
+1/4, 22	−1571.84 −1566.73 −1566.73	−907.50 −909.69 −909.69	+5858.93 +5858.93 +5858.93
	−3141.59 −3141.59 −3141.59	+0.00 +0.00 +0.00	−1047.20 −1047.03 −1047.03
+1/4, 23	−1390.37 −1385.22 −1385.22	−1166.66 −1168.82 −1168.82	+6151.93 +6151.93 +6151.93
	−3141.59 −3141.59 −3141.59	+0.00 +0.00 +0.00	−872.66 −872.50 −872.50
+1/4, 24	−1166.66 −1161.47 −1161.47	−1390.37 −1392.50 −1392.50	+5858.93 +5858.93 +5858.93
	−3141.59 −3141.59 −3141.59	+0.00 +0.00 +0.00	−698.13 −697.96 −697.96

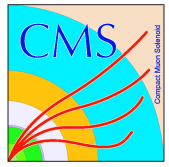
All the values



All values relative to ideal, alternating x, y, z (mm) and ϕ_x, ϕ_y, ϕ_z (mrad)
Columns: PG + hardware, same + global adjustment, same + track-based chambers
(color applied only if chamber was aligned)

chamber	x or ϕ_x	y or ϕ_y	z or ϕ_z
+1/4, 25	−907.50 −902.28 −902.28	−1571.84 −1573.92 −1573.92	+6151.93 +6151.93 +6151.93
	−3141.59 −3141.59 −3141.59	+0.00 +0.00 +0.00	−523.60 −523.43 −523.43
+1/4, 26	−620.77 −615.53 −615.53	−1705.54 −1707.58 −1707.58	+5862.45 +5862.45 +5862.45
	−3141.59 −3141.59 −3141.59	+0.00 +0.00 +0.00	−349.07 −348.90 −348.90
+1/4, 27	−315.17 −309.92 −309.92	−1787.43 −1789.41 −1789.41	+6155.45 +6155.45 +6155.45
	−3141.59 −3141.59 −3141.59	+0.00 +0.00 +0.00	−174.53 −174.36 −174.36
+1/4, 28	−0.00 +5.26 +5.26	−1815.00 −1816.93 −1816.93	+5858.93 +5858.93 +5858.93
	+3141.59 +3141.59 +3141.59	+0.00 +0.00 +0.00	+0.00 +0.17 +0.17
+1/4, 29	+315.17 +320.43 +320.43	−1787.43 −1789.30 −1789.30	+6151.93 +6151.93 +6151.93
	+3141.59 +3141.59 +3141.59	+0.00 +0.00 +0.00	+174.53 +174.70 +174.70
+1/4, 30	+620.77 +626.01 +626.01	−1705.54 −1707.37 −1707.37	+5858.93 +5858.93 +5858.93
	+3141.59 +3141.59 +3141.59	+0.00 +0.00 +0.00	+349.07 +349.23 +349.23
+1/4, 31	+907.50 +912.72 +912.72	−1571.84 −1573.61 −1573.61	+6151.93 +6151.93 +6151.93
	+3141.59 +3141.59 +3141.59	+0.00 +0.00 +0.00	+523.60 +523.77 +523.77
+1/4, 32	+1166.66 +1171.85 +1171.85	−1390.37 −1392.10 −1392.10	+5865.20 +5865.20 +5865.20
	+3141.59 +3141.59 +3141.59	+0.00 +0.00 +0.00	+698.13 +698.30 +698.30
+1/4, 33	+1390.37 +1395.52 +1395.52	−1166.66 −1168.35 −1168.35	+6158.20 +6158.20 +6158.20
	+3141.59 +3141.59 +3141.59	+0.00 +0.00 +0.00	+872.66 +872.83 +872.83
+1/4, 34	+1571.84 +1576.94 +1576.94	−907.50 −909.16 −909.16	+5858.93 +5858.93 +5858.93
	+3141.59 +3141.59 +3141.59	+0.00 +0.00 +0.00	+1047.20 +1047.37 +1047.37
+1/4, 35	+1705.54 +1710.60 +1710.60	−620.77 −622.41 −622.41	+6151.93 +6151.93 +6151.93
	+3141.59 +3141.59 +3141.59	+0.00 +0.00 +0.00	+1221.73 +1221.90 +1221.90
+1/4, 36	+1787.43 +1792.43 +1792.43	−315.17 −316.80 −316.80	+5858.93 +5858.93 +5858.93
	+3141.59 +3141.59 +3141.59	+0.00 +0.00 +0.00	+1396.26 +1396.43 +1396.43

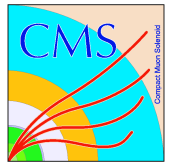
All the values



All values relative to ideal, alternating x, y, z (mm) and ϕ_x, ϕ_y, ϕ_z (mrad)
Columns: PG + hardware, same + global adjustment, same + track-based chambers
(color applied only if chamber was aligned)

chamber	x or ϕ_x	y or ϕ_y	z or ϕ_z
+2/1, 01	+2419.33 +2423.85 +2423.85	+210.33 +213.06 +213.06	+8408.60 +8408.60 +8408.60
	+3139.69 +3139.69 +3139.70	+0.00 +0.00 −0.00	+1657.87 +1658.05 +1658.05
+2/1, 02	+2200.68 +2205.05 +2205.05	+1024.56 +1027.26 +1027.26	+8157.90 +8157.90 +8157.90
	+3139.89 +3139.89 +3139.90	+0.00 +0.00 +0.01	+2008.59 +2008.77 +2008.77
+2/1, 03	+1715.67 +1719.92 +1719.86	+1715.55 +1718.16 +1718.22	+8408.60 +8408.60 +8408.60
	+3139.69 +3139.69 +3139.70	−0.00 +0.00 +5.85	+2357.09 +2357.27 +2356.35
+2/1, 04	+1025.69 +1029.86 +1029.86	+2199.61 +2202.09 +2202.09	+8160.60 +8160.60 +8160.60
	+3139.69 +3139.69 +3139.70	−0.00 −0.00 −0.02	+2705.26 +2705.44 +2705.44
+2/1, 05	+211.29 +215.42 +215.42	+2417.68 +2420.02 +2420.02	+8408.60 +8408.60 +8408.60
	+3139.69 +3139.69 +3139.70	+0.00 +0.00 +0.00	+3054.15 +3054.33 +3054.33
+2/1, 06	−627.80 −623.66 −623.66	+2343.39 +2345.57 +2345.57	+8160.60 +8160.60 +8160.60
	+3139.69 +3139.69 +3139.70	−0.00 +0.00 +0.03	−2879.41 −2879.23 −2879.23
+2/1, 07	−1391.80 −1387.60 −1387.60	+1987.09 +1989.14 +1989.14	+8408.60 +8408.60 +8408.60
	+3139.69 +3139.69 +3139.70	+0.00 +0.00 +0.01	−2530.57 −2530.39 −2530.39
+2/1, 08	−1987.18 −1982.87 −1982.87	+1391.48 +1393.43 +1393.43	+8162.50 +8162.50 +8162.50
	+3139.39 +3139.39 +3139.38	−0.00 −0.00 +0.02	−2181.13 −2180.95 −2180.95
+2/1, 09	−2344.39 −2339.95 −2339.95	+626.69 +628.58 +628.58	+8408.60 +8408.60 +8408.60
	+3139.69 +3139.69 +3139.70	+0.00 −0.00 −0.01	−1831.81 −1831.63 −1831.63
+2/1, 10	−2419.44 −2414.85 −2414.85	−212.00 −210.13 −210.13	+8158.60 +8158.60 +8158.60
	+3139.89 +3139.89 +3139.90	−0.00 −0.00 −0.00	−1483.21 −1483.03 −1483.03
+2/1, 11	−2200.03 −2195.29 −2197.33	−1025.93 −1024.03 −1019.67	+8408.60 +8408.60 +8408.59
	+3139.69 +3139.69 +3139.67	+0.00 −0.00 +2.88	−1134.29 −1134.11 −1139.46
+2/1, 12	−1717.39 −1712.52 −1712.52	−1716.74 −1714.74 −1714.74	+8160.60 +8160.60 +8160.60
	+3139.69 +3139.69 +3139.70	+0.00 −0.00 −0.02	−785.82 −785.64 −785.64

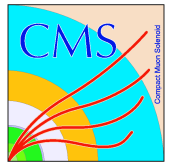
All the values



All values relative to ideal, alternating x, y, z (mm) and ϕ_x, ϕ_y, ϕ_z (mrad)
Columns: PG + hardware, same + global adjustment, same + track-based chambers
(color applied only if chamber was aligned)

chamber	x or ϕ_x	y or ϕ_y	z or ϕ_z
+2/1, 13	−1026.20 −1021.25 −1021.25	−2200.64 −2198.52 −2198.52	+8408.60 +8408.60 +8408.60
	+3139.69 +3139.69 +3139.70	+0.00 −0.00 +0.01	−436.34 −436.16 −436.16
+2/1, 14	−211.19 −206.20 −206.20	−2421.21 −2418.95 −2418.95	+8161.70 +8161.70 +8161.70
	+3139.69 +3139.69 +3139.70	+0.00 −0.00 +0.01	−86.05 −85.87 −85.87
+2/1, 15	+628.36 +633.33 +634.09	−2344.77 −2342.36 −2342.16	+8408.60 +8408.60 +8408.60
	+3139.69 +3139.69 +3139.71	−0.00 −0.00 +3.83	+261.23 +261.41 +260.63
+2/1, 16	+1391.62 +1396.53 +1396.53	−1987.01 −1984.46 −1984.46	+8162.60 +8162.60 +8162.60
	+3139.69 +3139.69 +3139.70	+0.00 +0.00 −0.01	+610.55 +610.73 +610.73
+2/1, 17	+1988.08 +1992.89 +1992.89	−1392.07 −1389.41 −1389.41	+8408.60 +8408.60 +8408.60
	+3139.69 +3139.69 +3139.70	−0.00 −0.00 −0.01	+959.93 +960.11 +960.11
+2/1, 18	+2344.15 +2348.82 +2348.82	−628.36 −625.64 −625.64	+8160.60 +8160.60 +8160.60
	+3139.69 +3139.69 +3139.70	−0.00 +0.00 +0.01	+1308.87 +1309.05 +1309.05
+2/2, 01	+5266.85 +5271.13 +5271.13	+1.34 +4.64 +4.64	+8416.20 +8416.20 +8416.20
	+3139.19 +3139.19 +3139.20	−0.00 −0.00 −0.00	+1571.19 +1571.08 +1571.08
+2/2, 02	+5185.01 +5189.39 +5189.39	+914.26 +917.56 +917.56	+8168.40 +8168.40 +8168.40
	+3139.19 +3139.19 +3139.20	−0.00 +0.00 +0.01	+1745.33 +1745.22 +1745.22
+2/2, 03	+4949.99 +4954.46 +4954.46	+1800.78 +1804.11 +1804.11	+8414.40 +8414.40 +8414.40
	+3138.69 +3138.69 +3138.68	−0.00 +0.00 +0.01	+1919.86 +1919.75 +1919.75
+2/2, 04	+4559.62 +4564.19 +4564.19	+2632.50 +2635.87 +2635.87	+8168.40 +8168.40 +8168.40
	+3139.19 +3139.19 +3139.20	−0.00 +0.00 +0.02	+2094.40 +2094.29 +2094.29
+2/2, 05	+4034.38 +4039.03 +4036.17	+3383.34 +3386.77 +3390.17	+8416.20 +8416.20 +8416.20
	+3139.19 +3139.19 +3139.20	+0.00 +0.00 +0.31	+2268.54 +2268.43 +2268.51
+2/2, 06	+3385.33 +3390.05 +3389.47	+4031.60 +4035.10 +4035.59	+8168.40 +8168.40 +8168.40
	+3139.19 +3139.19 +3139.20	+0.00 +0.00 +1.28	+2442.90 +2442.80 +2445.51

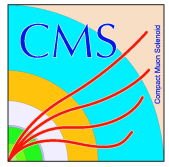
All the values



All values relative to ideal, alternating x, y, z (mm) and ϕ_x, ϕ_y, ϕ_z (mrad)
Columns: PG + hardware, same + global adjustment, same + track-based chambers
(color applied only if chamber was aligned)

chamber	x or ϕ_x	y or ϕ_y	z or ϕ_z
+2/2, 07	+2633.51 +2638.28 +2636.44	+4559.48 +4563.06 +4564.12	+8416.20 +8416.20 +8416.20
	+3139.19 +3139.19 +3139.21	−0.00 +0.00 +1.71	+2618.02 +2617.92 +2618.31
+2/2, 08	+1801.61 +1806.42 +1805.93	+4947.16 +4950.82 +4951.00	+8169.00 +8169.00 +8169.00
	+3138.69 +3138.69 +3138.69	+0.00 +0.00 +1.80	+2792.30 +2792.20 +2793.90
+2/2, 09	+914.48 +919.31 +919.31	+5184.50 +5188.26 +5188.26	+8416.20 +8416.20 +8416.20
	+3139.19 +3139.19 +3139.20	−0.00 −0.00 +0.00	+2966.70 +2966.59 +2966.59
+2/2, 10	−1.07 +3.77 +5.38	+5263.28 +5267.14 +5267.15	+8168.40 +8168.40 +8168.40
	+3139.19 +3139.19 +3139.19	+0.00 +0.00 −4.74	−3140.78 −3140.89 −3138.85
+2/2, 11	−914.38 −909.55 −909.55	+5184.67 +5188.62 +5188.62	+8416.20 +8416.20 +8416.20
	+3139.19 +3139.19 +3139.20	−0.00 −0.00 −0.01	−2966.82 −2966.92 −2966.92
+2/2, 12	−1802.61 −1797.80 −1796.64	+4945.57 +4949.62 +4950.05	+8168.40 +8168.40 +8168.40
	+3139.19 +3139.19 +3139.20	+0.00 −0.00 −0.76	−2791.65 −2791.76 −2791.94
+2/2, 13	−2632.83 −2628.06 −2627.20	+4559.88 +4564.02 +4564.52	+8416.20 +8416.20 +8416.20
	+3139.19 +3139.19 +3139.16	+0.00 +0.00 +8.05	−2617.82 −2617.92 −2622.12
+2/2, 14	−3385.63 −3380.92 −3380.92	+4031.78 +4036.00 +4036.00	+8168.40 +8168.40 +8168.40
	+3139.19 +3139.19 +3139.20	−0.00 +0.00 +0.00	−2442.99 −2443.10 −2443.10
+2/2, 15	−4035.21 −4030.57 −4031.03	+3384.16 +3388.45 +3387.90	+8417.90 +8417.90 +8417.90
	+3138.99 +3138.99 +3138.99	+0.00 +0.00 +2.99	−2268.60 −2268.71 −2270.55
+2/2, 16	−4559.62 −4555.06 −4555.31	+2632.50 +2636.85 +2636.42	+8168.40 +8168.40 +8168.40
	+3139.19 +3139.19 +3139.21	+0.00 −0.00 −0.17	−2094.40 −2094.50 −2094.78
+2/2, 17	−4948.05 −4943.58 −4943.58	+1799.25 +1803.64 +1803.64	+8416.20 +8416.20 +8416.20
	+3139.19 +3139.19 +3139.20	−0.00 −0.00 +0.00	−1919.24 −1919.34 −1919.34
+2/2, 18	−5185.52 −5181.14 −5181.14	+912.46 +916.88 +916.88	+8168.40 +8168.40 +8168.40
	+3139.19 +3139.19 +3139.20	−0.00 +0.00 +0.00	−1744.64 −1744.74 −1744.75

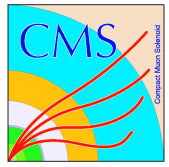
All the values



All values relative to ideal, alternating x, y, z (mm) and ϕ_x, ϕ_y, ϕ_z (mrad)
Columns: PG + hardware, same + global adjustment, same + track-based chambers
(color applied only if chamber was aligned)

chamber	x or ϕ_x	y or ϕ_y	z or ϕ_z
+2/2, 19	−5266.38 −5262.09 −5262.09	−0.55 +3.87 +3.87	+8416.20 +8416.20 +8416.20
	+3139.19 +3139.19 +3139.20	−0.00 −0.00 +0.00	−1570.45 −1570.56 −1570.56
+2/2, 20	−5185.40 −5181.21 −5181.21	−916.00 −911.59 −911.59	+8167.30 +8167.30 +8167.30
	+3139.29 +3139.29 +3139.30	+0.00 +0.00 +0.00	−1395.86 −1395.96 −1395.96
+2/2, 21	−4948.02 −4943.93 −4944.80	−1802.42 −1798.03 −1795.66	+8416.20 +8416.20 +8416.17
	+3139.19 +3139.19 +3139.20	−0.00 +0.00 −2.83	−1221.18 −1221.28 −1222.11
+2/2, 22	−4558.69 −4554.69 −4554.69	−2633.48 −2629.14 −2629.14	+8168.40 +8168.40 +8168.40
	+3139.19 +3139.19 +3139.20	+0.00 −0.00 −0.03	−1046.42 −1046.53 −1046.53
+2/2, 23	−4033.67 −4029.75 −4029.75	−3385.32 −3381.03 −3381.03	+8416.20 +8416.20 +8416.20
	+3139.19 +3139.19 +3139.20	+0.00 −0.00 +0.00	−872.08 −872.19 −872.19
+2/2, 24	−3385.56 −3381.71 −3381.71	−4034.55 −4030.33 −4030.33	+8168.40 +8168.40 +8168.40
	+3139.19 +3139.19 +3139.20	−0.00 +0.00 −0.00	−697.84 −697.94 −697.94
+2/2, 25	−2633.45 −2629.66 −2628.32	−4559.52 −4555.38 −4556.15	+8416.20 +8416.20 +8416.20
	+3139.19 +3139.19 +3139.19	+0.00 −0.00 +3.39	−523.75 −523.85 −526.13
+2/2, 26	−1800.80 −1797.05 −1796.83	−4947.38 −4943.33 −4943.41	+8168.40 +8168.40 +8168.40
	+3139.19 +3139.19 +3139.21	+0.00 +0.00 −0.53	−348.60 −348.70 −348.12
+2/2, 27	−914.02 −910.29 −910.29	−5185.32 −5181.36 −5181.36	+8416.40 +8416.40 +8416.40
	+3139.69 +3139.69 +3139.70	+0.00 +0.00 +0.01	−174.61 −174.72 −174.72
+2/2, 28	+0.17 +3.89 +2.56	−5265.69 −5261.83 −5261.83	+8168.40 +8168.40 +8168.40
	+3139.19 +3139.19 +3139.21	+0.00 +0.00 −0.52	−0.26 −0.37 +0.60
+2/2, 29	+913.89 +917.62 +920.91	−5185.50 −5181.74 −5181.16	+8416.20 +8416.20 +8416.20
	+3139.19 +3139.19 +3139.19	−0.00 +0.00 +1.36	+174.26 +174.15 +173.43
+2/2, 30	+1801.71 +1805.47 +1806.25	−4948.47 −4944.80 −4944.52	+8168.40 +8168.40 +8168.40
	+3139.19 +3139.19 +3139.18	−0.00 +0.00 +2.09	+349.15 +349.04 +347.41

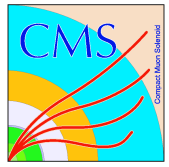
All the values



All values relative to ideal, alternating x, y, z (mm) and ϕ_x, ϕ_y, ϕ_z (mrad)
Columns: PG + hardware, same + global adjustment, same + track-based chambers
(color applied only if chamber was aligned)

chamber	x or ϕ_x	y or ϕ_y	z or ϕ_z
+2/2, 31	+2632.44 +2636.23 +2636.23	−4560.20 −4556.62 −4556.62	+8416.20 +8416.20 +8416.20
	+3139.19 +3139.19 +3139.20	−0.00 −0.00 +0.02	+523.49 +523.39 +523.39
+2/2, 32	+3384.33 +3388.18 +3387.10	−4034.35 −4030.85 −4031.75	+8169.00 +8169.00 +8169.00
	+3139.59 +3139.59 +3139.59	−0.00 +0.00 +1.74	+698.73 +698.62 +700.66
+2/2, 33	+4033.22 +4037.14 +4037.30	−3384.28 −3380.85 −3380.66	+8416.20 +8416.20 +8416.20
	+3139.19 +3139.19 +3139.20	+0.00 +0.00 +0.08	+872.66 +872.56 +871.98
+2/2, 34	+4560.69 +4564.69 +4564.69	−2633.18 −2629.81 −2629.81	+8168.40 +8168.40 +8168.40
	+3139.19 +3139.19 +3139.20	−0.00 −0.00 −0.01	+1047.53 +1047.42 +1047.42
+2/2, 35	+4947.48 +4951.57 +4951.57	−1800.74 −1797.41 −1797.41	+8416.20 +8416.20 +8416.20
	+3139.19 +3139.19 +3139.20	+0.00 −0.00 −0.01	+1221.73 +1221.62 +1221.62
+2/2, 36	+5185.01 +5189.20 +5189.20	−914.26 −910.95 −910.95	+8168.40 +8168.40 +8168.40
	+3139.19 +3139.19 +3139.20	+0.00 +0.00 +0.01	+1396.26 +1396.16 +1396.16
+3/1, 01	+2518.11 +2523.18 +2523.18	+219.05 +223.35 +223.35	+9226.09 +9226.09 +9226.09
	+2.20 +2.20 +2.21	−0.00 +0.00 +0.00	−1483.84 −1483.89 −1483.89
+3/1, 02	+2291.16 +2296.28 +2296.28	+1066.66 +1070.97 +1070.97	+9474.20 +9474.20 +9474.20
	+2.60 +2.60 +2.61	+0.00 −0.00 −0.00	−1135.70 −1135.75 −1135.75
+3/1, 03	+1787.36 +1792.52 +1792.52	+1785.22 +1789.55 +1789.55	+9226.09 +9226.09 +9226.09
	+2.20 +2.20 +2.21	−0.00 −0.00 −0.00	−784.77 −784.82 −784.82
+3/1, 04	+1066.72 +1071.90 +1071.90	+2288.59 +2292.95 +2292.95	+9473.10 +9473.10 +9473.10
	+2.60 +2.60 +2.61	−0.00 −0.00 −0.00	−436.91 −436.96 −436.96
+3/1, 05	+220.24 +225.43 +225.43	+2515.85 +2520.27 +2520.27	+9226.09 +9226.09 +9226.09
	+2.20 +2.20 +2.21	+0.00 +0.00 −0.00	−86.39 −86.44 −86.44
+3/1, 06	−653.52 −648.34 −648.34	+2439.11 +2443.57 +2443.57	+9474.09 +9474.09 +9474.09
	+2.20 +2.20 +2.21	+0.00 +0.00 −0.03	+261.92 +261.87 +261.87

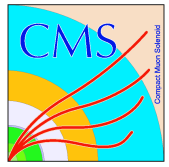
All the values



All values relative to ideal, alternating x, y, z (mm) and ϕ_x, ϕ_y, ϕ_z (mrad)
Columns: PG + hardware, same + global adjustment, same + track-based chambers
(color applied only if chamber was aligned)

chamber	x or ϕ_x	y or ϕ_y	z or ϕ_z
+3/1, 07	−1448.34 −1443.17 −1443.17	+2068.91 +2073.40 +2073.40	+9226.09 +9226.09 +9226.09
	+2.20 +2.20 +2.21	−0.00 +0.00 −0.02	+611.75 +611.70 +611.70
+3/1, 08	−2068.01 −2062.87 −2062.87	+1448.49 +1453.01 +1453.01	+9475.00 +9475.00 +9475.00
	+1.80 +1.80 +1.79	−0.00 +0.00 −0.02	+959.80 +959.75 +959.75
+3/1, 09	−2440.84 −2435.75 −2435.75	+653.60 +658.14 +658.14	+9226.09 +9226.09 +9226.09
	+2.20 +2.20 +2.21	+0.00 +0.00 −0.01	+1309.43 +1309.38 +1309.38
+3/1, 10	−2517.38 −2512.33 −2512.33	−220.24 −215.69 −215.69	+9474.50 +9474.50 +9474.50
	+2.20 +2.20 +2.21	+0.00 +0.00 +0.00	+1658.06 +1658.01 +1658.01
+3/1, 11	−2290.24 −2285.23 −2285.23	−1067.96 −1063.42 −1063.42	+9226.09 +9226.09 +9226.09
	+2.20 +2.20 +2.21	+0.00 +0.00 −0.01	+2007.13 +2007.08 +2007.08
+3/1, 12	−1787.70 −1782.73 −1782.73	−1786.66 −1782.15 −1782.15	+9474.09 +9474.09 +9474.09
	+2.20 +2.20 +2.21	+0.00 −0.00 −0.00	+2357.00 +2356.95 +2356.95
+3/1, 13	−1068.27 −1063.32 −1063.32	−2290.38 −2285.91 −2285.91	+9226.09 +9226.09 +9226.09
	+2.20 +2.20 +2.21	+0.00 +0.00 −0.01	+2705.55 +2705.50 +2705.50
+3/1, 14	−221.23 −216.30 −216.30	−2517.47 −2513.04 −2513.04	+9472.60 +9472.60 +9472.60
	+2.00 +2.00 +2.01	−0.00 +0.00 −0.00	+3054.96 +3054.91 +3054.91
+3/1, 15	+653.64 +658.58 +658.58	−2442.59 −2438.20 −2438.20	+9226.09 +9226.09 +9226.09
	+2.20 +2.20 +2.21	+0.00 +0.00 −0.03	−2879.91 −2879.96 −2879.96
+3/1, 16	+1449.73 +1454.69 +1454.69	−2070.92 −2066.57 −2066.57	+9475.00 +9475.00 +9475.00
	+2.20 +2.20 +2.21	−0.00 +0.00 −0.02	−2530.96 −2531.01 −2531.01
+3/1, 17	+2070.21 +2075.20 +2075.20	−1450.73 −1446.41 −1446.41	+9226.09 +9226.09 +9226.09
	+2.20 +2.20 +2.21	+0.00 −0.00 +0.02	−2182.24 −2182.29 −2182.29
+3/1, 18	+2441.10 +2446.13 +2446.13	−654.92 −650.62 −650.62	+9474.09 +9474.09 +9474.09
	+2.20 +2.20 +2.21	+0.00 +0.00 −0.01	−1833.38 −1833.43 −1833.43

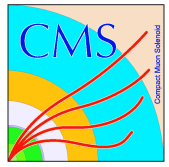
All the values



All values relative to ideal, alternating x, y, z (mm) and ϕ_x, ϕ_y, ϕ_z (mrad)
Columns: PG + hardware, same + global adjustment, same + track-based chambers
(color applied only if chamber was aligned)

chamber	x or ϕ_x	y or ϕ_y	z or ϕ_z
+3/2, 01	+5265.00 +5269.01 +5269.01	−0.00 +2.95 +2.95	+9233.36 +9233.36 +9233.36
	+2.60 +2.60 +2.61	+0.00 +0.00 −0.00	−1570.80 −1571.16 −1571.16
+3/2, 02	+5187.23 +5191.57 +5191.57	+911.17 +914.15 +914.15	+9481.97 +9481.97 +9481.97
	+2.60 +2.60 +2.61	+0.00 +0.00 −0.00	−1396.87 −1397.24 −1397.24
+3/2, 03	+4950.52 +4955.19 +4955.19	+1799.26 +1802.33 +1802.33	+9233.40 +9233.40 +9233.40
	+2.30 +2.30 +2.29	−0.00 −0.00 −0.01	−1222.39 −1222.76 −1222.76
+3/2, 04	+4561.37 +4566.34 +4566.34	+2631.56 +2634.77 +2634.77	+9481.97 +9481.97 +9481.97
	+2.60 +2.60 +2.61	+0.00 +0.00 −0.02	−1047.63 −1047.99 −1047.99
+3/2, 05	+4034.99 +4040.24 +4040.24	+3383.08 +3386.48 +3386.48	+9233.36 +9233.36 +9233.36
	+2.60 +2.60 +2.61	−0.00 +0.00 +0.00	−873.08 −873.45 −873.45
+3/2, 06	+3385.81 +3391.30 +3391.30	+4033.86 +4037.50 +4037.50	+9481.97 +9481.97 +9481.97
	+2.60 +2.60 +2.61	−0.00 −0.00 −0.02	−698.29 −698.66 −698.66
+3/2, 07	+2632.75 +2638.43 +2634.15	+4558.39 +4562.31 +4564.79	+9233.36 +9233.36 +9233.36
	+2.60 +2.60 +2.62	−0.00 −0.00 −1.27	−523.85 −524.21 −524.93
+3/2, 08	+1801.48 +1807.30 +1807.80	+4947.35 +4951.57 +4951.39	+9481.70 +9481.70 +9481.70
	+3.10 +3.10 +3.10	−0.00 −0.00 −2.55	−348.21 −348.57 −349.95
+3/2, 09	+914.91 +920.82 +920.82	+5184.64 +5189.19 +5189.19	+9233.36 +9233.36 +9233.36
	+2.60 +2.60 +2.61	+0.00 +0.00 −0.00	−174.59 −174.96 −174.96
+3/2, 10	+0.01 +5.95 +6.46	+5263.91 +5268.79 +5268.79	+9481.97 +9481.97 +9481.97
	+2.60 +2.60 +2.61	−0.00 −0.00 −1.28	−0.23 −0.60 +0.37
+3/2, 11	−914.23 −908.32 −909.23	+5185.61 +5190.83 +5190.67	+9233.36 +9233.36 +9233.36
	+2.60 +2.60 +2.62	−0.00 −0.00 +3.59	+174.38 +174.01 +175.49
+3/2, 12	−1800.55 −1794.72 −1794.72	+4947.63 +4953.18 +4953.18	+9481.97 +9481.97 +9481.97
	+2.60 +2.60 +2.61	−0.00 +0.00 +0.01	+349.34 +348.97 +348.97

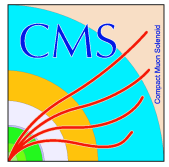
All the values



All values relative to ideal, alternating x, y, z (mm) and ϕ_x, ϕ_y, ϕ_z (mrad)
Columns: PG + hardware, same + global adjustment, same + track-based chambers
(color applied only if chamber was aligned)

chamber	x or ϕ_x	y or ϕ_y	z or ϕ_z
+3/2, 13	−2633.99 −2628.31 −2629.75	+4559.24 +4565.09 +4564.26	+9233.36 +9233.36 +9233.35
	+2.60 +2.60 +2.60	−0.00 +0.00 −3.25	+523.90 +523.54 +522.61
+3/2, 14	−3384.77 −3379.28 −3377.17	+4032.39 +4038.51 +4040.27	+9481.97 +9481.97 +9481.95
	+2.60 +2.60 +2.60	−0.00 −0.00 +3.05	+698.13 +697.76 +695.74
+3/2, 15	−4033.22 −4027.97 −4027.97	+3384.28 +3390.64 +3390.64	+9234.51 +9234.51 +9234.51
	+2.70 +2.70 +2.70	−0.00 −0.00 +0.01	+872.66 +872.30 +872.30
+3/2, 16	−4559.96 −4554.98 −4554.98	+2630.89 +2637.44 +2637.45	+9481.97 +9481.97 +9481.97
	+2.60 +2.60 +2.61	−0.00 +0.00 −0.88	+1047.18 +1046.81 +1045.92
+3/2, 17	−4948.39 −4943.72 −4943.72	+1799.19 +1805.89 +1805.89	+9233.36 +9233.36 +9233.36
	+2.60 +2.60 +2.61	+0.00 −0.00 +0.00	+1222.30 +1221.93 +1221.93
+3/2, 18	−5184.76 −5180.41 −5180.41	+912.84 +919.62 +919.62	+9481.97 +9481.97 +9481.97
	+2.60 +2.60 +2.61	−0.00 −0.00 +0.00	+1396.55 +1396.18 +1396.18
+3/2, 19	−5265.49 −5261.48 −5261.48	−1.05 +5.77 +5.77	+9233.36 +9233.36 +9233.36
	+2.60 +2.60 +2.61	+0.00 +0.00 +0.00	+1570.53 +1570.16 +1570.16
+3/2, 20	−5184.99 −5181.31 −5181.31	−915.52 −908.74 −908.74	+9482.10 +9482.10 +9482.10
	+2.30 +2.30 +2.29	+0.00 −0.00 −0.01	+1744.88 +1744.52 +1744.52
+3/2, 21	−4947.95 −4944.60 −4944.60	−1801.83 −1795.13 −1795.13	+9233.36 +9233.36 +9233.36
	+2.60 +2.60 +2.61	+0.00 +0.00 −0.01	+1919.98 +1919.61 +1919.61
+3/2, 22	−4559.91 −4556.86 −4556.86	−2633.82 −2627.27 −2627.27	+9481.97 +9481.97 +9481.97
	+2.60 +2.60 +2.61	+0.00 −0.00 −0.01	+2094.34 +2093.97 +2093.97
+3/2, 23	−4032.58 −4029.81 −4029.81	−3385.83 −3379.47 −3379.47	+9233.36 +9233.36 +9233.36
	+2.60 +2.60 +2.61	+0.00 +0.00 −0.02	+2269.31 +2268.94 +2268.94
+3/2, 24	−3383.35 −3380.82 −3380.82	−4034.66 −4028.54 −4028.54	+9481.97 +9481.97 +9481.97
	+2.60 +2.60 +2.61	+0.00 +0.00 −0.02	+2443.53 +2443.16 +2443.16

All the values



All values relative to ideal, alternating x, y, z (mm) and ϕ_x, ϕ_y, ϕ_z (mrad)
Columns: PG + hardware, same + global adjustment, same + track-based chambers
(color applied only if chamber was aligned)

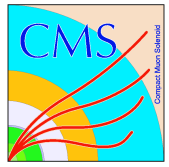
chamber	x or ϕ_x	y or ϕ_y	z or ϕ_z
+3/2, 25	−2631.88 −2629.54 −2627.09	−4559.61 −4553.76 −4555.17	+9233.36 +9233.36 +9233.36
	+2.60 +2.60 +2.61	−0.00 −0.00 +1.08	+2617.89 +2617.53 +2615.86
+3/2, 26	−1800.06 −1797.87 −1797.68	−4947.67 −4942.12 −4942.19	+9481.97 +9481.97 +9481.97
	+2.60 +2.60 +2.60	+0.00 −0.00 −0.88	+2792.33 +2791.96 +2792.15
+3/2, 27	−913.09 −910.99 −907.36	−5185.94 −5180.73 −5181.36	+9232.20 +9232.20 +9232.19
	+3.00 +3.00 +3.00	+0.00 −0.00 −9.17	+2968.07 +2967.71 +2967.84
+3/2, 28	+0.57 +2.65 +2.65	−5264.99 −5260.11 −5260.11	+9481.97 +9481.97 +9481.96
	+2.60 +2.60 +2.61	−0.00 −0.00 +1.92	−3141.28 +3141.54 +3141.10
+3/2, 29	+914.26 +916.37 +919.89	−5185.01 −5180.46 −5179.84	+9233.36 +9233.36 +9233.36
	+2.60 +2.60 +2.60	+0.00 +0.00 −4.69	−2967.06 −2967.43 −2966.14
+3/2, 30	+1799.85 +1802.05 +1803.25	−4948.71 −4944.48 −4944.05	+9481.97 +9481.97 +9481.97
	+2.60 +2.60 +2.61	−0.00 −0.00 +1.46	−2792.57 −2792.93 −2792.21
+3/2, 31	+2632.50 +2634.84 +2635.20	−4559.62 −4555.71 −4555.50	+9233.36 +9233.36 +9233.36
	+2.60 +2.60 +2.60	+0.00 +0.00 −1.59	−2617.99 −2618.36 −2619.09
+3/2, 32	+3383.32 +3385.86 +3385.22	−4033.67 −4030.03 −4030.56	+9482.10 +9482.10 +9482.10
	+2.40 +2.40 +2.40	+0.00 −0.00 −1.13	−2443.96 −2444.33 −2445.50
+3/2, 33	+4033.59 +4036.36 +4036.36	−3385.56 −3382.15 −3382.15	+9233.36 +9233.36 +9233.36
	+2.60 +2.60 +2.61	−0.00 +0.00 −0.02	−2269.43 −2269.79 −2269.79
+3/2, 34	+4559.28 +4562.33 +4562.33	−2635.62 −2632.41 −2632.41	+9481.97 +9481.97 +9481.97
	+2.60 +2.60 +2.61	−0.00 −0.00 −0.00	−2094.77 −2095.13 −2095.13
+3/2, 35	+4948.11 +4951.46 +4951.46	−1801.90 −1798.83 −1798.83	+9233.36 +9233.36 +9233.36
	+2.60 +2.60 +2.61	+0.00 −0.00 +0.00	−1919.18 −1919.55 −1919.55
+3/2, 36	+5185.01 +5188.69 +5188.69	−914.26 −911.28 −911.28	+9481.97 +9481.97 +9481.97
	+2.60 +2.60 +2.61	+0.00 +0.00 −0.00	−1745.33 −1745.70 −1745.70

All the values

All values relative to ideal, alternating x, y, z (mm) and ϕ_x, ϕ_y, ϕ_z (mrad)
Columns: PG + hardware, same + global adjustment, same + track-based chambers
(color applied only if chamber was aligned)

chamber	x or ϕ_x	y or ϕ_y	z or ϕ_z
+4/1, 01	+2617.37 +2622.86 +2622.86	+226.38 +235.67 +235.67	+10126.05 +10126.05 +10126.05
	+2.70 +2.70 +2.70	−0.00 −0.00 −0.00	−1484.20 −1483.80 −1483.80
+4/1, 02	+2381.87 +2387.00 +2387.00	+1108.58 +1117.78 +1117.78	+10374.05 +10374.05 +10374.05
	+2.70 +2.70 +2.70	+0.00 −0.00 −0.01	−1134.17 −1133.77 −1133.77
+4/1, 03	+1856.45 +1861.28 +1861.28	+1854.37 +1863.36 +1863.36	+10126.05 +10126.05 +10126.05
	+2.70 +2.70 +2.70	−0.00 −0.00 −0.02	−784.99 −784.59 −784.59
+4/1, 04	+1110.53 +1115.16 +1115.16	+2378.04 +2386.72 +2386.72	+10376.00 +10376.00 +10376.00
	+3.80 +3.80 +3.80	+0.00 +0.00 +0.01	−435.88 −435.48 −435.48
+4/1, 05	+229.68 +234.20 +234.20	+2614.82 +2623.16 +2623.16	+10126.05 +10126.05 +10126.05
	+2.70 +2.70 +2.70	+0.00 +0.00 +0.00	−87.30 −86.90 −86.90
+4/1, 06	−678.91 −674.35 −674.35	+2535.96 +2543.93 +2543.93	+10374.05 +10374.05 +10374.05
	+2.70 +2.70 +2.70	−0.00 −0.00 −0.01	+261.71 +262.11 +262.11
+4/1, 07	−1505.62 −1500.91 −1500.91	+2151.01 +2158.64 +2158.64	+10126.05 +10126.05 +10126.05
	+2.70 +2.70 +2.70	+0.00 −0.00 −0.00	+611.24 +611.64 +611.64
+4/1, 08	−2151.39 −2146.42 −2146.42	+1505.87 +1513.24 +1513.24	+10373.60 +10373.60 +10373.60
	+2.80 +2.80 +2.80	−0.00 +0.00 −0.00	+960.29 +960.69 +960.69
+4/1, 09	−2537.37 −2532.07 −2532.07	+678.29 +685.51 +685.51	+10126.05 +10126.05 +10126.05
	+2.70 +2.70 +2.70	−0.00 −0.00 +0.00	+1309.98 +1310.38 +1310.38
+4/1, 10	−2616.74 −2611.07 −2611.07	−230.48 −223.29 −223.29	+10374.05 +10374.05 +10374.05
	+2.70 +2.70 +2.70	−0.00 −0.00 −0.00	+1658.46 +1658.86 +1658.86
+4/1, 11	−2380.78 −2374.76 −2374.76	−1110.24 −1102.96 −1102.96	+10126.05 +10126.05 +10126.05
	+2.70 +2.70 +2.70	+0.00 +0.00 +0.01	+2007.66 +2008.06 +2008.06
+4/1, 12	−1858.20 −1851.88 −1851.88	−1858.55 −1851.05 −1851.05	+10374.05 +10374.05 +10374.05
	+2.70 +2.70 +2.70	+0.00 −0.00 −0.00	+2356.23 +2356.63 +2356.63

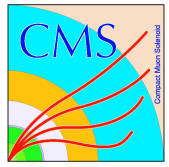
All the values



All values relative to ideal, alternating x, y, z (mm) and ϕ_x, ϕ_y, ϕ_z (mrad)
Columns: PG + hardware, same + global adjustment, same + track-based chambers
(color applied only if chamber was aligned)

chamber	x or ϕ_x	y or ϕ_y	z or ϕ_z
+4/1, 13	−1111.39 −1104.85 −1104.85	−2380.62 −2372.82 −2372.82	+10126.05 +10126.05 +10126.05
	+2.70 +2.70 +2.70	+0.00 +0.00 −0.01	+2703.75 +2704.15 +2704.15
+4/1, 14	−229.11 −222.48 −225.30	−2617.41 −2609.26 −2609.02	+10374.20 +10374.20 +10374.19
	+2.20 +2.20 +2.23	+0.00 −0.00 +4.44	+3054.72 +3055.12 +3062.29
+4/1, 15	+680.16 +686.76 +686.76	−2538.66 −2530.15 −2530.15	+10126.05 +10126.05 +10126.05
	+2.70 +2.70 +2.70	−0.00 +0.00 +0.00	−2879.76 −2879.36 −2879.36
+4/1, 16	+1506.08 +1512.53 +1512.53	−2152.53 −2143.69 −2143.69	+10372.40 +10372.40 +10372.40
	+2.10 +2.10 +2.10	+0.00 +0.00 +0.00	−2531.79 −2531.38 −2531.38
+4/1, 17	+2152.00 +2158.19 +2158.19	−1509.07 −1499.96 −1499.96	+10126.05 +10126.05 +10126.05
	+2.70 +2.70 +2.70	+0.00 −0.00 +0.00	−2182.20 −2181.79 −2181.79
+4/1, 18	+2537.17 +2543.02 +2543.02	−682.74 −673.48 −673.48	+10374.05 +10374.05 +10374.05
	+2.70 +2.70 +2.70	−0.00 +0.00 +0.01	−1833.27 −1832.86 −1832.86
−1/1, 01	+1815.00 +1817.93 +1817.93	+0.00 −1.71 −1.71	−6152.78 −6152.78 −6152.78
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	−1570.80 −1570.14 −1570.14
−1/1, 02	+1787.43 +1790.15 +1790.15	+315.17 +313.44 +313.44	−5858.95 −5858.95 −5858.95
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	−1396.26 −1395.61 −1395.61
−1/1, 03	+1705.54 +1708.07 +1708.07	+620.77 +618.98 +618.98	−6151.95 −6151.95 −6151.95
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	−1221.73 −1221.07 −1221.07
−1/1, 04	+1571.84 +1574.17 +1574.17	+907.50 +905.63 +905.63	−5859.78 −5859.78 −5859.78
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	−1047.20 −1046.54 −1046.54
−1/1, 05	+1390.37 +1392.54 +1392.54	+1166.66 +1164.67 +1164.67	−6152.78 −6152.78 −6152.78
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	−872.66 −872.01 −872.01
−1/1, 06	+1166.66 +1168.68 +1168.68	+1390.37 +1388.23 +1388.23	−5859.78 −5859.78 −5859.78
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	−698.13 −697.48 −697.48

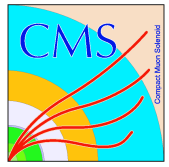
All the values



All values relative to ideal, alternating x, y, z (mm) and ϕ_x, ϕ_y, ϕ_z (mrad)
Columns: PG + hardware, same + global adjustment, same + track-based chambers
(color applied only if chamber was aligned)

chamber	x or ϕ_x	y or ϕ_y	z or ϕ_z
−1/1, 07	+907.50 +909.40 +909.40	+1571.84 +1569.53 +1569.53	−6152.78 −6152.78 −6152.78
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	−523.60 −522.94 −522.94
−1/1, 08	+620.77 +622.58 +622.58	+1705.54 +1703.05 +1703.05	−5856.08 −5856.08 −5856.08
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	−349.07 −348.41 −348.41
−1/1, 09	+315.17 +316.93 +316.93	+1787.43 +1784.73 +1784.73	−6149.08 −6149.08 −6149.08
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	−174.53 −173.88 −173.88
−1/1, 10	+0.00 +1.74 +1.74	+1815.00 +1812.10 +1812.10	−5859.78 −5859.78 −5859.78
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	−0.00 +0.66 +0.66
−1/1, 11	−315.17 −313.41 −313.41	+1787.43 +1784.32 +1784.32	−6152.78 −6152.78 −6152.78
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	+174.53 +175.19 +175.19
−1/1, 12	−620.77 −618.95 −618.95	+1705.54 +1702.23 +1702.23	−5859.78 −5859.78 −5859.78
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	+349.07 +349.72 +349.72
−1/1, 13	−907.50 −905.60 −905.60	+1571.84 +1568.34 +1568.34	−6152.78 −6152.78 −6152.78
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	+523.60 +524.25 +524.25
−1/1, 14	−1166.66 −1164.64 −1164.64	+1390.37 +1386.70 +1386.70	−5857.40 −5857.40 −5857.40
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	+698.13 +698.79 +698.79
−1/1, 15	−1390.37 −1388.20 −1388.20	+1166.66 +1162.84 +1162.84	−6150.40 −6150.40 −6150.40
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	+872.66 +873.32 +873.32
−1/1, 16	−1571.84 −1569.50 −1569.87	+907.50 +903.57 +902.91	−5859.78 −5859.78 −5859.78
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	+1047.20 +1047.85 +1048.10
−1/1, 17	−1705.54 −1703.02 −1703.02	+620.77 +616.74 +616.74	−6152.78 −6152.78 −6152.78
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	+1221.73 +1222.39 +1222.39
−1/1, 18	−1787.43 −1784.70 −1784.70	+315.17 +311.10 +311.10	−5859.78 −5859.78 −5859.78
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	+1396.26 +1396.92 +1396.92

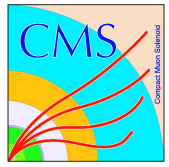
All the values



All values relative to ideal, alternating x, y, z (mm) and ϕ_x, ϕ_y, ϕ_z (mrad)
Columns: PG + hardware, same + global adjustment, same + track-based chambers
(color applied only if chamber was aligned)

chamber	x or ϕ_x	y or ϕ_y	z or ϕ_z
−1/1, 19	−1815.00 −1812.07 −1812.07	+0.00 −4.09 −4.09	−6152.78 −6152.78 −6152.78
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	+1570.80 +1571.45 +1571.45
−1/1, 20	−1787.43 −1784.29 −1784.29	−315.17 −319.25 −319.25	−5859.67 −5859.67 −5859.67
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	+1745.33 +1745.99 +1745.99
−1/1, 21	−1705.54 −1702.20 −1702.20	−620.77 −624.79 −624.79	−6152.67 −6152.67 −6152.67
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	+1919.86 +1920.52 +1920.52
−1/1, 22	−1571.84 −1568.31 −1568.31	−907.50 −911.43 −911.43	−5859.78 −5859.78 −5859.78
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	+2094.40 +2095.05 +2095.05
−1/1, 23	−1390.37 −1386.67 −1386.67	−1166.66 −1170.47 −1170.47	−6152.78 −6152.78 −6152.78
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	+2268.93 +2269.58 +2269.58
−1/1, 24	−1166.66 −1162.81 −1162.81	−1390.37 −1394.04 −1394.04	−5859.78 −5859.78 −5859.78
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	+2443.46 +2444.12 +2444.12
−1/1, 25	−907.50 −903.54 −903.54	−1571.84 −1575.33 −1575.33	−6152.78 −6152.78 −6152.78
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	+2617.99 +2618.65 +2618.65
−1/1, 26	−620.77 −616.71 −616.71	−1705.54 −1708.85 −1708.85	−5863.69 −5863.69 −5863.69
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	+2792.53 +2793.18 +2793.18
−1/1, 27	−315.17 −311.07 −311.07	−1787.43 −1790.54 −1790.54	−6156.69 −6156.69 −6156.69
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	+2967.06 +2967.72 +2967.72
−1/1, 28	+0.00 +4.12 +4.12	−1815.00 −1817.90 −1817.90	−5859.78 −5859.78 −5859.78
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	+3141.59 −3140.94 −3140.94
−1/1, 29	+315.17 +319.28 +319.28	−1787.43 −1790.12 −1790.12	−6152.78 −6152.78 −6152.78
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	−2967.06 −2966.40 −2966.40
−1/1, 30	+620.77 +624.82 +624.82	−1705.54 −1708.04 −1708.04	−5859.78 −5859.78 −5859.78
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	−2792.53 −2791.87 −2791.87

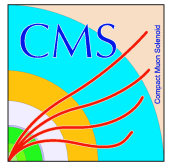
All the values



All values relative to ideal, alternating x, y, z (mm) and ϕ_x, ϕ_y, ϕ_z (mrad)
Columns: PG + hardware, same + global adjustment, same + track-based chambers
(color applied only if chamber was aligned)

chamber	x or ϕ_x	y or ϕ_y	z or ϕ_z
−1/1, 31	+907.50 +911.46 +911.46	−1571.84 −1574.14 −1574.14	−6152.78 −6152.78 −6152.78
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	−2617.99 −2617.34 −2617.34
−1/1, 32	+1166.66 +1170.50 +1170.50	−1390.37 −1392.51 −1392.51	−5862.86 −5862.86 −5862.86
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	−2443.46 −2442.81 −2442.81
−1/1, 33	+1390.37 +1394.07 +1394.07	−1166.66 −1168.65 −1168.65	−6155.86 −6155.86 −6155.86
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	−2268.93 −2268.27 −2268.27
−1/1, 34	+1571.84 +1575.36 +1575.36	−907.50 −909.37 −909.37	−5859.78 −5859.78 −5859.78
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	−2094.40 −2093.74 −2093.74
−1/1, 35	+1705.54 +1708.88 +1708.88	−620.77 −622.55 −622.55	−6152.78 −6152.78 −6152.78
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	−1919.86 −1919.21 −1919.21
−1/1, 36	+1787.43 +1790.57 +1790.57	−315.17 −316.90 −316.90	−5859.78 −5859.78 −5859.78
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	−1745.33 −1744.67 −1744.67
−1/2, 01	+3697.00 +3700.52 +3700.52	+0.00 +1.58 +1.58	−7121.68 −7121.68 −7121.68
	−4.37 −4.37 −4.37	+0.00 +0.00 +0.00	−1570.62 −1569.77 −1569.77
−1/2, 02	+3640.83 +3643.81 +3643.81	+641.98 +643.51 +643.51	−6847.88 −6847.88 −6847.88
	−4.37 −4.37 −4.37	+0.00 +0.00 +0.00	−1396.08 −1395.23 −1395.23
−1/2, 03	+3474.04 +3476.49 +3476.49	+1264.45 +1265.84 +1265.84	−7121.68 −7121.68 −7121.68
	−4.37 −4.37 −4.37	+0.00 +0.00 −0.00	−1221.55 −1220.70 −1220.70
−1/2, 04	+3201.70 +3203.65 +3203.65	+1848.50 +1849.66 +1849.66	−6847.68 −6847.68 −6847.68
	−4.37 −4.37 −4.37	+0.00 +0.00 +0.02	−1047.02 −1046.17 −1046.17
−1/2, 05	+2832.07 +2833.57 +2833.61	+2376.39 +2377.23 +2377.19	−7121.68 −7121.68 −7121.68
	−4.37 −4.37 −4.36	+0.00 +0.00 −0.21	−872.48 −871.64 −871.05
−1/2, 06	+2376.39 +2377.50 +2377.50	+2832.07 +2832.53 +2832.53	−6847.68 −6847.68 −6847.68
	−4.37 −4.37 −4.37	+0.00 +0.00 +0.00	−697.95 −697.10 −697.10

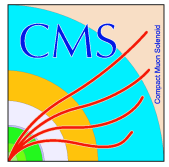
All the values



All values relative to ideal, alternating x, y, z (mm) and ϕ_x, ϕ_y, ϕ_z (mrad)
Columns: PG + hardware, same + global adjustment, same + track-based chambers
(color applied only if chamber was aligned)

chamber	x or ϕ_x	y or ϕ_y	z or ϕ_z
−1/2, 07	+1848.50 +1849.30 +1849.52	+3201.70 +3201.71 +3201.59	−7121.68 −7121.68 −7121.68
	−4.37 −4.37 −4.38	+0.00 +0.00 −0.19	−523.42 −522.57 −524.12
−1/2, 08	+1264.45 +1265.02 +1265.02	+3474.04 +3473.56 +3473.56	−6847.77 −6847.77 −6847.77
	−4.37 −4.37 −4.37	+0.00 +0.00 +0.01	−348.89 −348.04 −348.04
−1/2, 09	+641.98 +642.41 +643.68	+3640.83 +3639.82 +3639.60	−7121.68 −7121.68 −7121.68
	−4.37 −4.37 −4.37	+0.00 +0.00 −2.85	−174.35 −173.50 −173.49
−1/2, 10	+0.00 +0.38 +0.38	+3697.00 +3695.44 +3695.44	−6847.68 −6847.68 −6847.68
	−4.37 −4.37 −4.37	+0.00 +0.00 +0.00	+0.18 +1.03 +1.03
−1/2, 11	−641.98 −641.54 −641.54	+3640.83 +3638.73 +3638.73	−7121.68 −7121.68 −7121.68
	−4.37 −4.37 −4.37	+0.00 +0.00 +0.00	+174.71 +175.56 +175.56
−1/2, 12	−1264.45 −1263.87 −1265.40	+3474.04 +3471.41 +3470.86	−6847.68 −6847.68 −6847.68
	−4.37 −4.37 −4.37	+0.00 +0.00 +2.56	+349.25 +350.10 +347.21
−1/2, 13	−1848.50 −1847.69 −1847.69	+3201.70 +3198.57 +3198.57	−7121.68 −7121.68 −7121.68
	−4.37 −4.37 −4.37	+0.00 +0.00 −0.00	+523.78 +524.63 +524.63
−1/2, 14	−2376.39 −2375.27 −2375.27	+2832.07 +2828.49 +2828.49	−6846.71 −6846.71 −6846.71
	−4.37 −4.37 −4.37	+0.00 +0.00 +0.01	+698.31 +699.16 +699.16
−1/2, 15	−2832.07 −2830.56 −2830.56	+2376.39 +2372.42 +2372.42	−7121.68 −7121.68 −7121.68
	−4.37 −4.37 −4.37	+0.00 +0.00 +0.01	+872.84 +873.69 +873.69
−1/2, 16	−3201.70 −3199.74 −3199.74	+1848.50 +1844.23 +1844.23	−6847.68 −6847.68 −6847.68
	−4.37 −4.37 −4.37	+0.00 +0.00 −0.01	+1047.38 +1048.23 +1048.23
−1/2, 17	−3474.04 −3471.59 −3471.59	+1264.45 +1259.94 +1259.94	−7121.68 −7121.68 −7121.68
	−4.37 −4.37 −4.37	+0.00 +0.00 +0.01	+1221.91 +1222.76 +1222.76
−1/2, 18	−3640.83 −3637.85 −3637.85	+641.98 +637.33 +637.33	−6847.68 −6847.68 −6847.68
	−4.37 −4.37 −4.37	+0.00 +0.00 −0.00	+1396.44 +1397.29 +1397.29

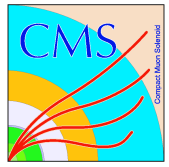
All the values



All values relative to ideal, alternating x, y, z (mm) and ϕ_x, ϕ_y, ϕ_z (mrad)
Columns: PG + hardware, same + global adjustment, same + track-based chambers
(color applied only if chamber was aligned)

chamber	x or ϕ_x	y or ϕ_y	z or ϕ_z
−1/2, 19	−3697.00 −3693.47 −3693.47	+0.00 −4.70 −4.70	−7121.68 −7121.68 −7121.68
	−4.37 −4.37 −4.37	+0.00 +0.00 +0.00	+1570.98 +1571.83 +1571.83
−1/2, 20	−3640.83 −3636.76 −3636.76	−641.98 −646.62 −646.62	−6848.22 −6848.22 −6848.22
	−4.37 −4.37 −4.37	+0.00 +0.00 −0.00	+1745.51 +1746.36 +1746.36
−1/2, 21	−3474.04 −3469.44 −3469.44	−1264.45 −1268.95 −1268.95	−7121.68 −7121.68 −7121.68
	−4.37 −4.37 −4.37	+0.00 +0.00 −0.00	+1920.04 +1920.89 +1920.89
−1/2, 22	−3201.70 −3196.60 −3195.72	−1848.50 −1852.77 −1854.29	−6847.68 −6847.68 −6847.68
	−4.37 −4.37 −4.41	+0.00 +0.00 +6.88	+2094.58 +2095.42 +2089.84
−1/2, 23	−2832.07 −2826.52 −2826.52	−2376.39 −2380.35 −2380.35	−7121.68 −7121.68 −7121.68
	−4.37 −4.37 −4.37	+0.00 +0.00 −0.00	+2269.11 +2269.96 +2269.96
−1/2, 24	−2376.39 −2370.46 −2370.46	−2832.07 −2835.64 −2835.64	−6847.68 −6847.68 −6847.68
	−4.37 −4.37 −4.37	+0.00 +0.00 +0.01	+2443.64 +2444.49 +2444.49
−1/2, 25	−1848.50 −1842.26 −1842.87	−3201.70 −3204.82 −3204.47	−7121.68 −7121.68 −7121.68
	−4.37 −4.37 −4.38	+0.00 +0.00 +2.66	+2618.17 +2619.02 +2615.39
−1/2, 26	−1264.45 −1257.97 −1257.97	−3474.04 −3476.67 −3476.67	−6847.97 −6847.97 −6847.97
	−4.37 −4.37 −4.37	+0.00 +0.00 +0.01	+2792.71 +2793.56 +2793.56
−1/2, 27	−641.98 −635.36 −635.36	−3640.83 −3642.93 −3642.93	−7121.68 −7121.68 −7121.68
	−4.37 −4.37 −4.37	+0.00 +0.00 −0.00	+2967.24 +2968.09 +2968.09
−1/2, 28	+0.00 +6.66 +6.66	−3697.00 −3698.55 −3698.55	−6847.68 −6847.68 −6847.68
	−4.37 −4.37 −4.37	+0.00 +0.00 +0.00	−3141.41 −3140.56 −3140.56
−1/2, 29	+641.98 +648.59 +648.59	−3640.83 −3641.84 −3641.84	−7121.68 −7121.68 −7121.68
	−4.37 −4.37 −4.37	+0.00 +0.00 −0.00	−2966.88 −2966.03 −2966.03
−1/2, 30	+1264.45 +1270.92 +1270.92	−3474.04 −3474.52 −3474.52	−6847.68 −6847.68 −6847.68
	−4.37 −4.37 −4.37	+0.00 +0.00 −0.00	−2792.35 −2791.50 −2791.50

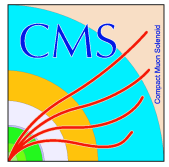
All the values



All values relative to ideal, alternating x, y, z (mm) and ϕ_x, ϕ_y, ϕ_z (mrad)
Columns: PG + hardware, same + global adjustment, same + track-based chambers
(color applied only if chamber was aligned)

chamber	x or ϕ_x	y or ϕ_y	z or ϕ_z
−1/2, 31	+1848.50 +1854.74 +1855.14	−3201.70 −3201.68 −3201.45	−7121.68 −7121.68 −7121.68
	−4.37 −4.37 −4.37	+0.00 +0.00 −1.23	−2617.81 −2616.96 −2614.91
−1/2, 32	+2376.39 +2382.31 +2382.31	−2832.07 −2831.60 −2831.60	−6847.51 −6847.51 −6847.51
	−4.37 −4.37 −4.37	+0.00 +0.00 +0.01	−2443.28 −2442.43 −2442.43
−1/2, 33	+2832.07 +2837.61 +2837.61	−2376.39 −2375.54 −2375.54	−7121.68 −7121.68 −7121.68
	−4.37 −4.37 −4.37	+0.00 +0.00 −0.01	−2268.75 −2267.90 −2267.90
−1/2, 34	+3201.70 +3206.79 +3206.79	−1848.50 −1847.34 −1847.34	−6847.68 −6847.68 −6847.68
	−4.37 −4.37 −4.37	+0.00 +0.00 −0.01	−2094.22 −2093.37 −2093.37
−1/2, 35	+3474.04 +3478.64 +3478.64	−1264.45 −1263.05 −1263.05	−7121.68 −7121.68 −7121.68
	−4.37 −4.37 −4.37	+0.00 +0.00 +0.01	−1919.68 −1918.83 −1918.83
−1/2, 36	+3640.83 +3644.90 +3644.90	−641.98 −640.44 −640.44	−6847.68 −6847.68 −6847.68
	−4.37 −4.37 −4.37	+0.00 +0.00 −0.00	−1745.15 −1744.30 −1744.30
−1/3, 01	+5951.86 +5954.26 +5954.26	−1.79 +1.22 +1.22	−6949.00 −6949.00 −6949.00
	−1.33 −1.33 −1.34	−0.00 −0.00 −0.00	−1571.52 −1571.26 −1571.26
−1/3, 02	+5863.62 +5865.76 +5865.76	+1032.96 +1035.94 +1035.94	−6949.00 −6949.00 −6949.00
	−1.33 −1.33 −1.34	−0.00 −0.00 −0.02	−1396.67 −1396.41 −1396.41
−1/3, 03	+5593.78 +5595.65 +5595.65	+2034.21 +2037.12 +2037.12	−6949.00 −6949.00 −6949.00
	−1.33 −1.33 −1.34	+0.00 +0.00 +0.00	−1221.60 −1221.34 −1221.34
−1/3, 04	+5155.98 +5157.60 +5157.60	+2975.65 +2978.45 +2978.45	−6949.00 −6949.00 −6949.00
	−1.33 −1.33 −1.34	+0.00 +0.00 +0.02	−1046.99 −1046.73 −1046.73
−1/3, 05	+4559.48 +4560.87 +4560.87	+3824.39 +3827.02 +3827.02	−6949.00 −6949.00 −6949.00
	−1.33 −1.33 −1.34	−0.00 −0.00 −0.03	−872.23 −871.97 −871.97
−1/3, 06	+3826.15 +3827.36 +3827.36	+4558.17 +4560.61 +4560.61	−6949.00 −6949.00 −6949.00
	−1.33 −1.33 −1.34	+0.00 −0.00 −0.00	−699.37 −699.11 −699.11

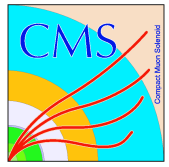
All the values



All values relative to ideal, alternating x, y, z (mm) and ϕ_x, ϕ_y, ϕ_z (mrad)
Columns: PG + hardware, same + global adjustment, same + track-based chambers
(color applied only if chamber was aligned)

chamber	x or ϕ_x	y or ϕ_y	z or ϕ_z
−1/3, 07	+2976.71 +2977.76 +2974.01	+5153.12 +5155.34 +5157.50	−6949.00 −6949.00 −6949.00
	−1.33 −1.33 −1.32	+0.00 −0.00 +1.52	−523.48 −523.21 −523.01
−1/3, 08	+2036.23 +2037.16 +2037.16	+5593.43 +5595.40 +5595.40	−6949.00 −6949.00 −6949.00
	−1.33 −1.33 −1.34	−0.00 +0.00 +0.02	−349.43 −349.16 −349.16
−1/3, 09	+1034.17 +1035.03 +1035.03	+5861.80 +5863.50 +5863.50	−6949.00 −6949.00 −6949.00
	−1.33 −1.33 −1.34	+0.00 +0.00 −0.01	−175.57 −175.31 −175.31
−1/3, 10	−0.28 +0.56 +0.56	+5952.98 +5954.41 +5954.41	−6949.00 −6949.00 −6949.00
	−1.33 −1.33 −1.34	−0.00 −0.00 +0.00	+0.61 +0.87 +0.87
−1/3, 11	−1034.15 −1033.29 −1033.29	+5860.89 +5862.05 +5862.05	−6949.00 −6949.00 −6949.00
	−1.33 −1.33 −1.34	+0.00 +0.00 +0.02	+173.68 +173.95 +173.95
−1/3, 12	−2037.41 −2036.48 −2036.48	+5592.67 +5593.57 +5593.57	−6949.00 −6949.00 −6949.00
	−1.33 −1.33 −1.34	+0.00 −0.00 +0.00	+348.96 +349.23 +349.23
−1/3, 13	−2977.36 −2976.31 −2976.31	+5153.25 +5153.90 +5153.90	−6949.00 −6949.00 −6949.00
	−1.33 −1.33 −1.34	−0.00 −0.00 −0.02	+523.80 +524.07 +524.07
−1/3, 14	−3828.17 −3826.97 −3826.97	+4558.29 +4558.71 +4558.71	−6949.00 −6949.00 −6949.00
	−1.33 −1.33 −1.34	+0.00 +0.00 +0.01	+699.32 +699.59 +699.59
−1/3, 15	−4561.74 −4560.34 −4560.34	+3825.22 +3825.45 +3825.45	−6949.00 −6949.00 −6949.00
	−1.33 −1.33 −1.34	+0.00 −0.00 +0.03	+872.52 +872.79 +872.79
−1/3, 16	−5156.75 −5155.12 −5155.12	+2974.90 +2974.97 +2974.97	−6949.00 −6949.00 −6949.00
	−1.33 −1.33 −1.34	−0.00 +0.00 −0.02	+1046.95 +1047.22 +1047.22
−1/3, 17	−5594.72 −5592.85 −5592.85	+2034.18 +2034.14 +2034.14	−6949.00 −6949.00 −6949.00
	−1.33 −1.33 −1.34	−0.00 −0.00 +0.02	+1221.87 +1222.14 +1222.14
−1/3, 18	−5863.21 −5861.07 −5861.07	+1031.45 +1031.33 +1031.33	−6949.00 −6949.00 −6949.00
	−1.33 −1.33 −1.34	−0.00 +0.00 +0.01	+1396.49 +1396.75 +1396.75

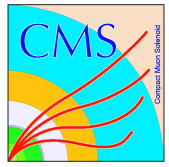
All the values



All values relative to ideal, alternating x, y, z (mm) and ϕ_x, ϕ_y, ϕ_z (mrad)
Columns: PG + hardware, same + global adjustment, same + track-based chambers
(color applied only if chamber was aligned)

chamber	x or ϕ_x	y or ϕ_y	z or ϕ_z
−1/3, 19	−5955.45 −5953.04 −5953.04	−1.21 −1.35 −1.35	−6949.00 −6949.00 −6949.00
	−1.33 −1.33 −1.34	−0.00 −0.00 +0.00	+1571.40 +1571.66 +1571.66
−1/3, 20	−5861.72 −5859.04 −5859.04	−1034.95 −1035.07 −1035.07	−6949.00 −6949.00 −6949.00
	−1.33 −1.33 −1.34	+0.00 −0.00 +0.01	+1745.01 +1745.27 +1745.27
−1/3, 21	−5593.41 −5590.46 −5590.46	−2037.50 −2037.54 −2037.54	−6949.00 −6949.00 −6949.00
	−1.33 −1.33 −1.34	+0.00 +0.00 +0.00	+1920.20 +1920.46 +1920.46
−1/3, 22	−5153.83 −5150.64 −5150.64	−2976.12 −2976.05 −2976.05	−6949.00 −6949.00 −6949.00
	−1.33 −1.33 −1.34	+0.00 −0.00 −0.00	+2093.66 +2093.93 +2093.93
−1/3, 23	−4559.39 −4555.97 −4555.97	−3827.30 −3827.07 −3827.07	−6949.00 −6949.00 −6949.00
	−1.33 −1.33 −1.34	−0.00 −0.00 +0.04	+2268.89 +2269.16 +2269.16
−1/3, 24	−3826.17 −3822.56 −3822.56	−4558.60 −4558.17 −4558.17	−6949.00 −6949.00 −6949.00
	−1.33 −1.33 −1.34	−0.00 +0.00 +0.03	+2442.71 +2442.97 +2442.97
−1/3, 25	−2975.04 −2971.27 −2971.27	−5153.33 −5152.69 −5152.69	−6949.00 −6949.00 −6949.00
	−1.33 −1.33 −1.34	+0.00 +0.00 −0.02	+2617.50 +2617.77 +2617.77
−1/3, 26	−2036.03 −2032.14 −2032.14	−5592.32 −5591.43 −5591.43	−6949.00 −6949.00 −6949.00
	−1.33 −1.33 −1.34	−0.00 +0.00 −0.00	+2792.65 +2792.92 +2792.92
−1/3, 27	−1032.27 −1028.31 −1028.31	−5860.95 −5859.79 −5859.79	−6949.00 −6949.00 −6949.00
	−1.33 −1.33 −1.34	−0.00 −0.00 −0.01	+2967.44 +2967.71 +2967.71
−1/3, 28	+1.32 +5.29 +5.29	−5950.01 −5948.58 −5948.58	−6949.00 −6949.00 −6949.00
	−1.33 −1.33 −1.34	−0.00 −0.00 −0.00	−3141.48 −3141.22 −3141.22
−1/3, 29	+1034.69 +1038.64 +1038.64	−5860.24 −5858.53 −5858.53	−6949.00 −6949.00 −6949.00
	−1.33 −1.33 −1.34	−0.00 +0.00 +0.01	−2966.84 −2966.57 −2966.57
−1/3, 30	+2037.39 +2041.28 +2041.28	−5592.20 −5590.23 −5590.23	−6949.00 −6949.00 −6949.00
	−1.33 −1.33 −1.34	−0.00 +0.00 +0.00	−2792.44 −2792.18 −2792.18

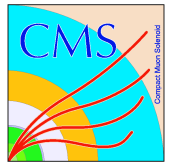
All the values



All values relative to ideal, alternating x, y, z (mm) and ϕ_x, ϕ_y, ϕ_z (mrad)
Columns: PG + hardware, same + global adjustment, same + track-based chambers
(color applied only if chamber was aligned)

chamber	x or ϕ_x	y or ϕ_y	z or ϕ_z
−1/3, 31	+2976.41 +2980.17 +2980.17	−5153.98 −5151.76 −5151.76	−6949.00 −6949.00 −6949.00
	−1.33 −1.33 −1.34	−0.00 +0.00 −0.02	−2618.93 −2618.66 −2618.66
−1/3, 32	+3827.30 +3830.91 +3830.91	−4559.16 −4556.72 −4556.72	−6949.00 −6949.00 −6949.00
	−1.33 −1.33 −1.34	−0.00 −0.00 +0.00	−2443.73 −2443.46 −2443.46
−1/3, 33	+4560.78 +4564.20 +4564.20	−3826.56 −3823.93 −3823.93	−6949.00 −6949.00 −6949.00
	−1.33 −1.33 −1.34	+0.00 +0.00 −0.04	−2268.53 −2268.27 −2268.27
−1/3, 34	+5155.46 +5158.65 +5158.65	−2977.57 −2974.78 −2974.78	−6949.00 −6949.00 −6949.00
	−1.33 −1.33 −1.34	−0.00 −0.00 +0.04	−2095.19 −2094.93 −2094.93
−1/3, 35	+5594.44 +5597.38 +5597.38	−2036.53 −2033.62 −2033.62	−6949.00 −6949.00 −6949.00
	−1.33 −1.33 −1.34	+0.00 −0.00 +0.02	−1919.42 −1919.15 −1919.15
−1/3, 36	+5862.54 +5865.22 +5865.22	−1034.92 −1031.94 −1031.94	−6949.00 −6949.00 −6949.00
	−1.33 −1.33 −1.34	+0.00 −0.00 +0.00	−1745.29 −1745.03 −1745.03
−1/4, 01	+1815.00 +1817.93 +1817.93	+0.00 −1.71 −1.71	−6152.78 −6152.78 −6152.78
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	−1570.80 −1570.14 −1570.14
−1/4, 02	+1787.43 +1790.15 +1790.15	+315.17 +313.44 +313.44	−5858.95 −5858.95 −5858.95
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	−1396.26 −1395.61 −1395.61
−1/4, 03	+1705.54 +1708.07 +1708.07	+620.77 +618.98 +618.98	−6151.95 −6151.95 −6151.95
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	−1221.73 −1221.07 −1221.07
−1/4, 04	+1571.84 +1574.17 +1574.17	+907.50 +905.63 +905.63	−5859.78 −5859.78 −5859.78
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	−1047.20 −1046.54 −1046.54
−1/4, 05	+1390.37 +1392.54 +1392.54	+1166.66 +1164.67 +1164.67	−6152.78 −6152.78 −6152.78
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	−872.66 −872.01 −872.01
−1/4, 06	+1166.66 +1168.68 +1168.68	+1390.37 +1388.23 +1388.23	−5859.78 −5859.78 −5859.78
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	−698.13 −697.48 −697.48

All the values



All values relative to ideal, alternating x, y, z (mm) and ϕ_x, ϕ_y, ϕ_z (mrad)
Columns: PG + hardware, same + global adjustment, same + track-based chambers
(color applied only if chamber was aligned)

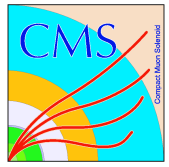
chamber	x or ϕ_x	y or ϕ_y	z or ϕ_z
−1/4, 07	+907.50 +909.40 +909.40	+1571.84 +1569.53 +1569.53	−6152.78 −6152.78 −6152.78
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	−523.60 −522.94 −522.94
−1/4, 08	+620.77 +622.58 +622.58	+1705.54 +1703.05 +1703.05	−5856.08 −5856.08 −5856.08
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	−349.07 −348.41 −348.41
−1/4, 09	+315.17 +316.93 +316.93	+1787.43 +1784.73 +1784.73	−6149.08 −6149.08 −6149.08
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	−174.53 −173.88 −173.88
−1/4, 10	+0.00 +1.74 +1.74	+1815.00 +1812.10 +1812.10	−5859.78 −5859.78 −5859.78
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	−0.00 +0.66 +0.66
−1/4, 11	−315.17 −313.41 −313.41	+1787.43 +1784.32 +1784.32	−6152.78 −6152.78 −6152.78
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	+174.53 +175.19 +175.19
−1/4, 12	−620.77 −618.95 −618.95	+1705.54 +1702.23 +1702.23	−5859.78 −5859.78 −5859.78
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	+349.07 +349.72 +349.72
−1/4, 13	−907.50 −905.60 −905.60	+1571.84 +1568.34 +1568.34	−6152.78 −6152.78 −6152.78
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	+523.60 +524.25 +524.25
−1/4, 14	−1166.66 −1164.64 −1164.64	+1390.37 +1386.70 +1386.70	−5857.40 −5857.40 −5857.40
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	+698.13 +698.79 +698.79
−1/4, 15	−1390.37 −1388.20 −1388.20	+1166.66 +1162.84 +1162.84	−6150.40 −6150.40 −6150.40
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	+872.66 +873.32 +873.32
−1/4, 16	−1571.84 −1569.50 −1569.50	+907.50 +903.57 +903.57	−5859.78 −5859.78 −5859.78
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	+1047.20 +1047.85 +1047.85
−1/4, 17	−1705.54 −1703.02 −1703.02	+620.77 +616.74 +616.74	−6152.78 −6152.78 −6152.78
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	+1221.73 +1222.39 +1222.39
−1/4, 18	−1787.43 −1784.70 −1784.70	+315.17 +311.10 +311.10	−5859.78 −5859.78 −5859.78
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	+1396.26 +1396.92 +1396.92

All the values

All values relative to ideal, alternating x, y, z (mm) and ϕ_x, ϕ_y, ϕ_z (mrad)
Columns: PG + hardware, same + global adjustment, same + track-based chambers
(color applied only if chamber was aligned)

chamber	x or ϕ_x	y or ϕ_y	z or ϕ_z
−1/4, 19	−1815.00 −1812.07 −1812.07	+0.00 −4.09 −4.09	−6152.78 −6152.78 −6152.78
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	+1570.80 +1571.45 +1571.45
−1/4, 20	−1787.43 −1784.29 −1784.29	−315.17 −319.25 −319.25	−5859.67 −5859.67 −5859.67
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	+1745.33 +1745.99 +1745.99
−1/4, 21	−1705.54 −1702.20 −1702.20	−620.77 −624.79 −624.79	−6152.67 −6152.67 −6152.67
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	+1919.86 +1920.52 +1920.52
−1/4, 22	−1571.84 −1568.31 −1568.31	−907.50 −911.43 −911.43	−5859.78 −5859.78 −5859.78
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	+2094.40 +2095.05 +2095.05
−1/4, 23	−1390.37 −1386.67 −1386.67	−1166.66 −1170.47 −1170.47	−6152.78 −6152.78 −6152.78
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	+2268.93 +2269.58 +2269.58
−1/4, 24	−1166.66 −1162.81 −1162.81	−1390.37 −1394.04 −1394.04	−5859.78 −5859.78 −5859.78
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	+2443.46 +2444.12 +2444.12
−1/4, 25	−907.50 −903.54 −903.54	−1571.84 −1575.33 −1575.33	−6152.78 −6152.78 −6152.78
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	+2617.99 +2618.65 +2618.65
−1/4, 26	−620.77 −616.71 −616.71	−1705.54 −1708.85 −1708.85	−5863.69 −5863.69 −5863.69
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	+2792.53 +2793.18 +2793.18
−1/4, 27	−315.17 −311.07 −311.07	−1787.43 −1790.54 −1790.54	−6156.69 −6156.69 −6156.69
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	+2967.06 +2967.72 +2967.72
−1/4, 28	+0.00 +4.12 +4.12	−1815.00 −1817.90 −1817.90	−5859.78 −5859.78 −5859.78
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	+3141.59 −3140.94 −3140.94
−1/4, 29	+315.17 +319.28 +319.28	−1787.43 −1790.12 −1790.12	−6152.78 −6152.78 −6152.78
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	−2967.06 −2966.40 −2966.40
−1/4, 30	+620.77 +624.82 +624.82	−1705.54 −1708.04 −1708.04	−5859.78 −5859.78 −5859.78
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	−2792.53 −2791.87 −2791.87

All the values



All values relative to ideal, alternating x, y, z (mm) and ϕ_x, ϕ_y, ϕ_z (mrad)
Columns: PG + hardware, same + global adjustment, same + track-based chambers
(color applied only if chamber was aligned)

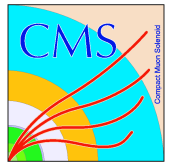
chamber	x or ϕ_x	y or ϕ_y	z or ϕ_z
−1/4, 31	+907.50 +911.46 +911.46	−1571.84 −1574.14 −1574.14	−6152.78 −6152.78 −6152.78
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	−2617.99 −2617.34 −2617.34
−1/4, 32	+1166.66 +1170.50 +1170.50	−1390.37 −1392.51 −1392.51	−5862.86 −5862.86 −5862.86
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	−2443.46 −2442.81 −2442.81
−1/4, 33	+1390.37 +1394.07 +1394.07	−1166.66 −1168.65 −1168.65	−6155.86 −6155.86 −6155.86
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	−2268.93 −2268.27 −2268.27
−1/4, 34	+1571.84 +1575.36 +1575.36	−907.50 −909.37 −909.37	−5859.78 −5859.78 −5859.78
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	−2094.40 −2093.74 −2093.74
−1/4, 35	+1705.54 +1708.88 +1708.88	−620.77 −622.55 −622.55	−6152.78 −6152.78 −6152.78
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	−1919.86 −1919.21 −1919.21
−1/4, 36	+1787.43 +1790.57 +1790.57	−315.17 −316.90 −316.90	−5859.78 −5859.78 −5859.78
	+0.00 +0.00 +0.00	−0.00 −0.00 −0.00	−1745.33 −1744.67 −1744.67
−2/1, 01	+2417.76 +2421.07 +2421.07	+211.20 +214.52 +214.52	−8399.37 −8399.37 −8399.37
	−1.60 −1.60 −1.58	+0.00 −0.00 +0.01	−1482.88 −1480.70 −1480.70
−2/1, 02	+2200.49 +2202.02 +2202.02	+1026.04 +1028.88 +1028.88	−8151.00 −8151.00 −8151.00
	−2.00 −2.00 −2.01	+0.00 −0.00 −0.03	−1134.31 −1132.13 −1132.13
−2/1, 03	+1714.85 +1714.88 +1714.88	+1714.39 +1716.17 +1716.17	−8399.37 −8399.37 −8399.37
	−1.60 −1.60 −1.58	+0.00 +0.00 +0.00	−786.01 −783.82 −783.82
−2/1, 04	+1024.19 +1023.16 +1023.16	+2197.22 +2197.48 +2197.48	−8153.70 −8153.70 −8153.70
	−1.30 −1.30 −1.29	−0.00 +0.00 +0.04	−438.04 −435.86 −435.86
−2/1, 05	+210.97 +209.47 +208.17	+2416.51 +2415.00 +2415.11	−8399.37 −8399.37 −8399.37
	−1.60 −1.60 −1.58	+0.00 +0.00 −0.77	−86.72 −84.54 −86.65
−2/1, 06	−628.18 −629.52 −629.52	+2342.22 +2338.87 +2338.87	−8151.37 −8151.37 −8151.37
	−1.60 −1.60 −1.58	−0.00 −0.00 −0.00	+261.40 +263.58 +263.58

All the values

All values relative to ideal, alternating x, y, z (mm) and ϕ_x, ϕ_y, ϕ_z (mrad)
Columns: PG + hardware, same + global adjustment, same + track-based chambers
(color applied only if chamber was aligned)

chamber	x or ϕ_x	y or ϕ_y	z or ϕ_z
−2/1, 07	−1391.76 −1392.32 −1392.32	+1986.35 +1981.34 +1981.34	−8399.37 −8399.37 −8399.37
	−1.60 −1.60 −1.58	+0.00 −0.00 −0.00	+611.25 +613.43 +613.43
−2/1, 08	−1987.58 −1986.84 −1985.19	+1390.39 +1384.08 +1386.46	−8149.20 −8149.20 −8149.20
	−1.60 −1.60 −1.59	+0.00 −0.00 −1.42	+960.65 +962.83 +964.89
−2/1, 09	−2344.47 −2342.06 −2342.06	+627.29 +620.20 +620.20	−8399.37 −8399.37 −8399.37
	−1.60 −1.60 −1.58	−0.00 +0.00 +0.01	+1309.19 +1311.37 +1311.37
−2/1, 10	−2418.14 −2413.90 −2413.90	−211.30 −218.55 −218.55	−8151.00 −8151.00 −8151.00
	−2.00 −2.00 −2.01	−0.00 +0.00 −0.00	+1658.34 +1660.52 +1660.52
−2/1, 11	−2199.93 −2193.91 −2193.91	−1027.19 −1033.96 −1033.96	−8399.37 −8399.37 −8399.37
	−1.60 −1.60 −1.58	−0.00 −0.00 −0.00	+2008.11 +2010.30 +2010.30
−2/1, 12	−1715.41 −1707.88 −1707.88	−1717.25 −1722.95 −1722.95	−8151.37 −8151.37 −8151.37
	−1.60 −1.60 −1.58	+0.00 +0.00 −0.05	+2356.24 +2358.43 +2358.43
−2/1, 13	−1025.34 −1016.76 −1016.76	−2199.32 −2203.52 −2203.52	−8399.37 −8399.37 −8399.37
	−1.60 −1.60 −1.58	−0.00 −0.00 −0.01	+2705.58 +2707.76 +2707.76
−2/1, 14	−210.45 −201.39 −201.39	−2417.33 −2419.74 −2419.74	−8153.60 −8153.60 −8153.60
	−0.80 −0.80 −0.77	+0.00 −0.00 −0.01	+3054.31 +3056.49 +3056.49
−2/1, 15	+628.36 +637.26 +637.26	−2343.63 −2344.21 −2344.21	−8399.37 −8399.37 −8399.37
	−1.60 −1.60 −1.58	−0.00 −0.00 −0.00	−2879.43 −2877.24 −2877.24
−2/1, 16	+1391.84 +1399.95 +1399.95	−1988.73 −1987.65 −1987.65	−8149.80 −8149.80 −8149.80
	−1.70 −1.70 −1.69	−0.00 −0.00 −0.02	−2532.01 −2529.83 −2529.83
−2/1, 17	+1988.21 +1995.02 +1995.02	−1391.47 −1389.08 −1389.08	−8399.37 −8399.37 −8399.37
	−1.60 −1.60 −1.58	+0.00 +0.00 +0.00	−2181.49 −2179.30 −2179.30
−2/1, 18	+2344.80 +2349.95 +2349.95	−628.62 −625.46 −625.46	−8151.37 −8151.37 −8151.37
	−1.60 −1.60 −1.58	+0.00 +0.00 −0.02	−1833.75 −1831.56 −1831.56

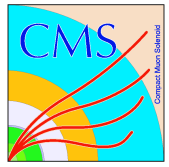
All the values



All values relative to ideal, alternating x, y, z (mm) and ϕ_x, ϕ_y, ϕ_z (mrad)
Columns: PG + hardware, same + global adjustment, same + track-based chambers
(color applied only if chamber was aligned)

chamber	x or ϕ_x	y or ϕ_y	z or ϕ_z
−2/2, 01	+5265.13 +5266.79 +5266.79	−2.20 +7.93 +7.93	−8406.74 −8406.74 −8406.74
	−2.20 −2.20 −2.21	−0.00 −0.00 −0.00	−1571.73 −1570.05 −1570.05
−2/2, 02	+5186.21 +5186.33 +5186.33	+911.77 +921.77 +921.77	−8158.99 −8158.99 −8158.99
	−2.20 −2.20 −2.21	−0.00 +0.00 +0.00	−1397.32 −1395.65 −1395.65
−2/2, 03	+4950.43 +4949.07 +4949.07	+1798.69 +1808.30 +1808.30	−8406.80 −8406.80 −8406.80
	−2.20 −2.20 −2.21	+0.00 +0.00 +0.01	−1223.02 −1221.34 −1221.34
−2/2, 04	+4562.33 +4559.57 +4559.57	+2630.69 +2639.65 +2639.65	−8158.99 −8158.99 −8158.99
	−2.20 −2.20 −2.21	−0.00 +0.00 −0.02	−1048.07 −1046.39 −1046.39
−2/2, 05	+4034.79 +4030.76 +4029.85	+3383.04 +3391.11 +3392.18	−8406.74 −8406.74 −8406.74
	−2.20 −2.20 −2.20	+0.00 +0.00 −0.53	−873.41 −871.73 −873.05
−2/2, 06	+3386.16 +3381.04 +3381.83	+4031.38 +4038.36 +4037.69	−8158.99 −8158.99 −8158.99
	−2.20 −2.20 −2.23	+0.00 −0.00 +0.23	−698.66 −696.98 −699.26
−2/2, 07	+2633.60 +2627.60 +2629.83	+4558.08 +4563.79 +4562.51	−8406.74 −8406.74 −8406.74
	−2.20 −2.20 −2.21	−0.00 +0.00 −0.77	−524.13 −522.45 −522.14
−2/2, 08	+1801.80 +1795.15 +1795.85	+4948.07 +4952.39 +4952.13	−8161.10 −8161.10 −8161.10
	−2.10 −2.10 −2.10	−0.00 +0.00 −3.33	−349.05 −347.37 −348.15
−2/2, 09	+915.07 +908.03 +908.30	+5184.76 +5187.58 +5187.53	−8406.74 −8406.74 −8406.74
	−2.20 −2.20 −2.20	+0.00 −0.00 −1.11	−174.97 −173.29 −172.32
−2/2, 10	+0.12 −7.06 −7.06	+5263.56 +5264.85 +5264.85	−8158.99 −8158.99 −8158.99
	−2.20 −2.20 −2.21	−0.00 −0.00 −0.00	−0.28 +1.40 +1.40
−2/2, 11	−914.37 −921.42 −921.42	+5184.86 +5184.61 +5184.61	−8406.74 −8406.74 −8406.74
	−2.20 −2.20 −2.21	+0.00 +0.00 +0.00	+174.18 +175.86 +175.86
−2/2, 12	−1800.86 −1807.50 −1809.06	+4946.50 +4944.76 +4944.20	−8158.99 −8158.99 −8158.99
	−2.20 −2.20 −2.24	+0.00 +0.00 +2.69	+349.16 +350.84 +348.24

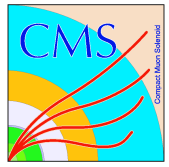
All the values



All values relative to ideal, alternating x, y, z (mm) and ϕ_x, ϕ_y, ϕ_z (mrad)
Columns: PG + hardware, same + global adjustment, same + track-based chambers
(color applied only if chamber was aligned)

chamber	x or ϕ_x	y or ϕ_y	z or ϕ_z
−2/2, 13	−2632.87 −2638.86 −2638.86	+4558.88 +4555.74 +4555.74	−8406.74 −8406.74 −8406.74
	−2.20 −2.20 −2.21	+0.00 −0.00 +0.02	+523.68 +525.36 +525.36
−2/2, 14	−3384.16 −3389.26 −3390.84	+4030.79 +4026.39 +4025.06	−8158.99 −8158.99 −8158.99
	−2.20 −2.20 −2.21	+0.00 −0.00 −1.50	+698.19 +699.87 +700.97
−2/2, 15	−4034.27 −4038.29 −4038.29	+3383.86 +3378.37 +3378.37	−8405.10 −8405.10 −8405.10
	−2.50 −2.50 −2.49	−0.00 −0.00 −0.01	+872.08 +873.76 +873.76
−2/2, 16	−4560.47 −4563.22 −4563.22	+2629.66 +2623.29 +2623.29	−8158.99 −8158.99 −8158.99
	−2.20 −2.20 −2.21	−0.00 +0.00 +0.02	+1047.62 +1049.30 +1049.30
−2/2, 17	−4947.97 −4949.32 −4949.32	+1799.77 +1792.75 +1792.75	−8406.74 −8406.74 −8406.74
	−2.20 −2.20 −2.21	+0.00 −0.00 −0.02	+1221.67 +1223.35 +1223.35
−2/2, 18	−5186.30 −5186.16 −5186.16	+912.86 +905.44 +905.44	−8158.99 −8158.99 −8158.99
	−2.20 −2.20 −2.21	+0.00 +0.00 +0.01	+1396.18 +1397.86 +1397.86
−2/2, 19	−5264.33 −5262.66 −5262.66	−1.15 −8.70 −8.70	−8406.74 −8406.74 −8406.74
	−2.20 −2.20 −2.21	−0.00 −0.00 −0.00	+1570.92 +1572.60 +1572.60
−2/2, 20	−5184.59 −5181.39 −5181.39	−916.30 −923.72 −923.72	−8157.50 −8157.50 −8157.50
	−2.30 −2.30 −2.29	−0.00 −0.00 −0.00	+1745.93 +1747.61 +1747.61
−2/2, 21	−4947.38 −4942.69 −4942.69	−1801.27 −1808.28 −1808.28	−8406.74 −8406.74 −8406.74
	−2.20 −2.20 −2.21	−0.00 −0.00 −0.00	+1919.90 +1921.58 +1921.58
−2/2, 22	−4559.13 −4553.04 −4553.04	−2632.12 −2638.49 −2638.49	−8158.99 −8158.99 −8158.99
	−2.20 −2.20 −2.21	−0.00 +0.00 −0.02	+2094.63 +2096.31 +2096.31
−2/2, 23	−4032.90 −4025.54 −4025.54	−3384.95 −3390.42 −3390.42	−8406.74 −8406.74 −8406.74
	−2.20 −2.20 −2.21	−0.00 +0.00 −0.02	+2269.01 +2270.69 +2270.69
−2/2, 24	−3384.92 −3376.48 −3376.48	−4032.23 −4036.61 −4036.61	−8158.99 −8158.99 −8158.99
	−2.20 −2.20 −2.21	+0.00 +0.00 −0.02	+2442.96 +2444.64 +2444.64

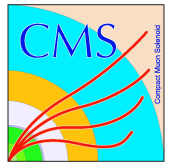
All the values



All values relative to ideal, alternating x, y, z (mm) and ϕ_x, ϕ_y, ϕ_z (mrad)
Columns: PG + hardware, same + global adjustment, same + track-based chambers
(color applied only if chamber was aligned)

chamber	x or ϕ_x	y or ϕ_y	z or ϕ_z
−2/2, 25	−2632.68 −2623.35 −2623.82	−4560.01 −4563.13 −4562.86	−8406.74 −8406.74 −8406.74
	−2.20 −2.20 −2.19	+0.00 −0.00 +1.07	+2617.86 +2619.54 +2618.71
−2/2, 26	−1801.32 −1791.35 −1791.35	−4946.55 −4948.28 −4948.28	−8158.99 −8158.99 −8158.99
	−2.20 −2.20 −2.21	−0.00 −0.00 +2.49	+2791.80 +2793.48 +2791.66
−2/2, 27	−914.43 −904.06 −904.06	−5184.39 −5184.62 −5184.62	−8408.40 −8408.40 −8408.40
	−1.90 −1.90 −1.89	−0.00 +0.00 −0.01	+2966.50 +2968.18 +2968.18
−2/2, 28	−0.99 +9.52 +10.58	−5263.96 −5262.66 −5262.66	−8158.99 −8158.99 −8158.99
	−2.20 −2.20 −2.21	−0.00 −0.00 −1.39	+3140.98 −3140.53 −3139.54
−2/2, 29	+913.55 +923.91 +923.91	−5184.20 −5181.36 −5181.36	−8406.74 −8406.74 −8406.74
	−2.20 −2.20 −2.21	−0.00 −0.00 −0.00	−2967.34 −2965.66 −2965.66
−2/2, 30	+1799.80 +1809.77 +1809.77	−4947.18 −4942.85 −4942.85	−8158.99 −8158.99 −8158.99
	−2.20 −2.20 −2.21	+0.00 +0.00 +0.01	−2792.67 −2790.99 −2790.99
−2/2, 31	+2631.58 +2640.89 +2640.89	−4559.74 −4554.02 −4554.02	−8406.74 −8406.74 −8406.74
	−2.20 −2.20 −2.21	−0.00 −0.00 +0.02	−2618.67 −2616.99 −2616.99
−2/2, 32	+3384.54 +3392.97 +3394.23	−4035.12 −4028.14 −4027.08	−8158.40 −8158.40 −8158.40
	−2.00 −2.00 −2.00	+0.00 −0.00 +1.27	−2443.95 −2442.27 −2441.05
−2/2, 33	+4032.42 +4039.76 +4039.76	−3386.08 −3378.01 −3378.01	−8406.74 −8406.74 −8406.74
	−2.20 −2.20 −2.21	+0.00 −0.00 +0.02	−2269.82 −2268.14 −2268.14
−2/2, 34	+4560.24 +4566.32 +4565.04	−2634.34 −2625.38 −2627.60	−8158.99 −8158.99 −8158.99
	−2.20 −2.20 −2.21	+0.00 −0.00 +1.89	−2095.41 −2093.73 −2095.91
−2/2, 35	+4948.00 +4952.68 +4952.68	−1803.43 −1793.82 −1793.82	−8406.74 −8406.74 −8406.74
	−2.20 −2.20 −2.21	+0.00 −0.00 +0.01	−1920.66 −1918.98 −1918.98
−2/2, 36	+5186.37 +5189.57 +5189.57	−915.94 −905.94 −905.94	−8158.99 −8158.99 −8158.99
	−2.20 −2.20 −2.21	+0.00 +0.00 +0.01	−1746.30 −1744.62 −1744.62

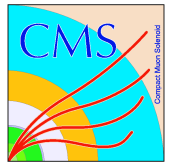
All the values



All values relative to ideal, alternating x, y, z (mm) and ϕ_x, ϕ_y, ϕ_z (mrad)
Columns: PG + hardware, same + global adjustment, same + track-based chambers
(color applied only if chamber was aligned)

chamber	x or ϕ_x	y or ϕ_y	z or ϕ_z
−3/1, 01	+2516.23 +2519.92 +2519.92	+219.58 +224.98 +224.98	−9219.01 −9219.01 −9219.01
	−3139.09 −3139.09 −3139.10	−0.00 −0.00 +0.00	+1657.03 +1659.16 +1659.16
−3/1, 02	+2288.90 +2290.78 +2290.78	+1067.09 +1072.00 +1072.00	−9466.60 −9466.60 −9466.60
	−3139.19 −3139.19 −3139.20	+0.00 −0.00 −0.00	+2006.84 +2008.96 +2008.96
−3/1, 03	+1784.71 +1785.07 +1785.07	+1786.18 +1790.03 +1790.03	−9219.01 −9219.01 −9219.01
	−3139.09 −3139.09 −3139.10	−0.00 −0.00 −0.02	+2356.45 +2358.57 +2358.57
−3/1, 04	+1066.65 +1065.94 +1065.94	+2289.91 +2292.23 +2292.23	−9466.20 −9466.20 −9466.20
	−3138.99 −3138.99 −3138.99	−0.00 +0.00 +0.01	+2703.99 +2706.11 +2706.11
−3/1, 05	+217.88 +216.69 +213.93	+2516.04 +2516.56 +2516.80	−9219.01 −9219.01 −9219.01
	−3139.09 −3139.09 −3139.10	+0.00 +0.00 −2.41	+3054.42 +3056.54 +3058.27
−3/1, 06	−655.71 −656.73 −656.73	+2438.23 +2436.89 +2436.89	−9467.01 −9467.01 −9467.01
	−3139.09 −3139.09 −3139.10	−0.00 +0.00 +0.00	−2880.23 −2878.11 −2878.11
−3/1, 07	−1450.26 −1450.49 −1450.49	+2068.18 +2065.16 +2065.16	−9219.01 −9219.01 −9219.01
	−3139.09 −3139.09 −3139.10	+0.00 +0.00 −0.01	−2529.66 −2527.54 −2527.54
−3/1, 08	−2069.73 −2068.64 −2068.64	+1446.67 +1442.33 +1442.33	−9467.20 −9467.20 −9467.20
	−3139.29 −3139.29 −3139.30	−0.00 +0.00 −0.02	−2179.80 −2177.68 −2177.68
−3/1, 09	−2440.89 −2438.12 −2438.12	+654.04 +648.91 +648.91	−9219.01 −9219.01 −9219.01
	−3139.09 −3139.09 −3139.10	+0.00 +0.00 +0.01	−1832.60 −1830.47 −1830.47
−3/1, 10	−2518.92 −2514.28 −2514.28	−222.15 −227.44 −227.44	−9466.50 −9466.50 −9466.50
	−3138.89 −3138.89 −3138.90	−0.00 +0.00 −0.00	−1482.83 −1480.71 −1480.71
−3/1, 11	−2289.60 −2283.16 −2283.16	−1069.50 −1074.30 −1074.30	−9219.01 −9219.01 −9219.01
	−3139.09 −3139.09 −3139.10	−0.00 −0.00 +0.01	−1134.27 −1132.15 −1132.15
−3/1, 12	−1786.70 −1778.74 −1778.74	−1787.85 −1791.58 −1791.58	−9467.01 −9467.01 −9467.01
	−3139.09 −3139.09 −3139.10	−0.00 +0.00 −0.02	−784.66 −782.54 −782.54

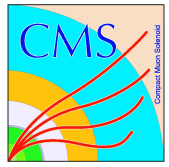
All the values



All values relative to ideal, alternating x, y, z (mm) and ϕ_x, ϕ_y, ϕ_z (mrad)
Columns: PG + hardware, same + global adjustment, same + track-based chambers
(color applied only if chamber was aligned)

chamber	x or ϕ_x	y or ϕ_y	z or ϕ_z
−3/1, 13	−1066.42 −1057.40 −1057.40	−2289.99 −2292.19 −2292.19	−9219.01 −9219.01 −9219.01
	−3139.09 −3139.09 −3139.10	+0.00 +0.00 −0.00	−436.10 −433.98 −433.98
−3/1, 14	−219.01 −209.51 −209.51	−2517.99 −2518.39 −2518.39	−9467.30 −9467.30 −9467.30
	−3139.19 −3139.19 −3139.20	−0.00 +0.00 +0.00	−86.97 −84.85 −84.85
−3/1, 15	+653.95 +663.28 +663.28	−2440.90 −2439.44 −2439.44	−9219.01 −9219.01 −9219.01
	−3139.09 −3139.09 −3139.10	+0.00 +0.00 +0.00	+261.39 +263.51 +263.51
−3/1, 16	+1448.45 +1457.00 +1457.00	−2069.83 −2066.69 −2066.69	−9468.40 −9468.40 −9468.40
	−3139.09 −3139.09 −3139.10	+0.00 +0.00 +0.01	+611.29 +613.41 +613.41
−3/1, 17	+2069.07 +2076.30 +2076.30	−1450.45 −1446.00 −1446.00	−9219.01 −9219.01 −9219.01
	−3139.09 −3139.09 −3139.10	−0.00 −0.00 +0.00	+958.88 +961.00 +961.00
−3/1, 18	+2440.15 +2445.69 +2445.69	−653.97 −648.72 −648.72	−9467.01 −9467.01 −9467.01
	−3139.09 −3139.09 −3139.10	−0.00 +0.00 −0.00	+1307.83 +1309.95 +1309.95
−3/2, 01	+5264.46 +5266.70 +5266.70	−0.36 +8.77 +8.77	−9226.39 −9226.39 −9226.39
	−3138.89 −3138.89 −3138.90	−0.00 −0.00 −0.00	+1570.75 +1572.60 +1572.60
−3/2, 02	+5183.89 +5184.43 +5184.43	+913.02 +921.99 +921.99	−9474.70 −9474.70 −9474.70
	−3138.89 −3138.89 −3138.90	+0.00 −0.00 −0.00	+1745.06 +1746.91 +1746.91
−3/2, 03	+4947.59 +4946.50 +4946.50	+1800.08 +1808.62 +1808.62	−9226.70 −9226.70 −9226.70
	−3138.69 −3138.69 −3138.68	−0.00 +0.00 −0.01	+1919.61 +1921.46 +1921.46
−3/2, 04	+4558.43 +4555.79 +4556.10	+2632.21 +2640.03 +2639.49	−9474.70 −9474.70 −9474.70
	−3138.89 −3138.89 −3138.89	−0.00 +0.00 +2.23	+2094.43 +2096.28 +2099.36
−3/2, 05	+4033.30 +4029.27 +4029.27	+3384.26 +3391.10 +3391.10	−9226.39 −9226.39 −9226.39
	−3138.89 −3138.89 −3138.90	−0.00 +0.00 +0.01	+2268.19 +2270.04 +2270.04
−3/2, 06	+3383.66 +3378.43 +3377.89	+4032.53 +4038.17 +4038.62	−9474.70 −9474.70 −9474.70
	−3138.89 −3138.89 −3138.90	+0.00 +0.00 +0.93	+2443.11 +2444.96 +2443.08

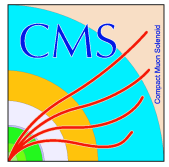
All the values



All values relative to ideal, alternating x, y, z (mm) and ϕ_x, ϕ_y, ϕ_z (mrad)
Columns: PG + hardware, same + global adjustment, same + track-based chambers
(color applied only if chamber was aligned)

chamber	x or ϕ_x	y or ϕ_y	z or ϕ_z
−3/2, 07	+2630.62 +2624.42 +2625.61	+4559.84 +4564.08 +4563.40	−9226.39 −9226.39 −9226.39
	−3138.89 −3138.89 −3138.91	−0.00 −0.00 −2.14	+2618.56 +2620.41 +2620.85
−3/2, 08	+1798.28 +1791.36 +1792.49	+4947.33 +4950.03 +4949.62	−9474.10 −9474.10 −9474.10
	−3138.59 −3138.59 −3138.60	−0.00 −0.00 +2.95	+2792.72 +2794.57 +2796.30
−3/2, 09	+913.00 +905.64 +905.64	+5184.58 +5185.64 +5185.64	−9226.39 −9226.39 −9226.39
	−3138.89 −3138.89 −3138.90	−0.00 +0.00 −0.00	+2967.12 +2968.97 +2968.97
−3/2, 10	−2.76 −10.26 −10.26	+5264.79 +5264.16 +5264.16	−9474.70 −9474.70 −9474.70
	−3138.89 −3138.89 −3138.90	−0.00 −0.00 −0.00	−3141.45 −3139.60 −3139.60
−3/2, 11	−915.94 −923.28 −923.28	+5182.62 +5180.29 +5180.29	−9226.39 −9226.39 −9226.39
	−3138.89 −3138.89 −3138.90	+0.00 +0.00 −0.00	−2966.06 −2964.21 −2964.21
−3/2, 12	−1802.97 −1809.88 −1809.88	+4945.82 +4941.86 +4941.86	−9474.70 −9474.70 −9474.70
	−3138.89 −3138.89 −3138.90	−0.00 +0.00 +0.02	−2791.81 −2789.96 −2789.96
−3/2, 13	−2632.50 −2638.69 −2639.09	+4559.62 +4554.12 +4553.89	−9226.39 −9226.39 −9226.39
	−3138.89 −3138.89 −3138.89	+0.00 −0.00 −1.24	−2617.99 −2616.14 −2616.42
−3/2, 14	−3384.34 −3389.55 −3388.88	+4031.01 +4024.12 +4024.68	−9474.70 −9474.70 −9474.70
	−3138.89 −3138.89 −3138.90	+0.00 +0.00 +2.40	−2443.30 −2441.45 −2443.63
−3/2, 15	−4033.22 −4037.24 −4036.54	+3384.28 +3376.18 +3377.02	−9226.20 −9226.20 −9226.20
	−3138.99 −3138.99 −3138.99	+0.00 +0.00 −0.53	−2268.93 −2267.08 −2268.27
−3/2, 16	−4561.92 −4564.53 −4564.53	+2629.61 +2620.54 +2620.54	−9474.70 −9474.70 −9474.70
	−3138.89 −3138.89 −3138.90	−0.00 −0.00 +0.01	−2093.84 −2091.98 −2091.98
−3/2, 17	−4948.23 −4949.30 −4949.30	+1799.80 +1790.01 +1790.01	−9226.39 −9226.39 −9226.39
	−3138.89 −3138.89 −3138.90	+0.00 −0.00 +0.02	−1919.70 −1917.84 −1917.84
−3/2, 18	−5185.01 −5184.45 −5184.45	+914.26 +904.04 +904.04	−9474.70 −9474.70 −9474.70
	−3138.89 −3138.89 −3138.90	−0.00 −0.00 −0.00	−1745.33 −1743.48 −1743.48

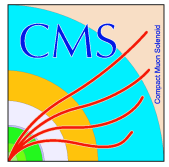
All the values



All values relative to ideal, alternating x, y, z (mm) and ϕ_x, ϕ_y, ϕ_z (mrad)
Columns: PG + hardware, same + global adjustment, same + track-based chambers
(color applied only if chamber was aligned)

chamber	x or ϕ_x	y or ϕ_y	z or ϕ_z
−3/2, 19	−5265.93 −5263.67 −5263.67	−2.87 −13.24 −13.24	−9226.39 −9226.39 −9226.39
	−3138.89 −3138.89 −3138.90	−0.00 −0.00 +0.00	−1570.47 −1568.62 −1568.62
−3/2, 20	−5186.48 −5182.53 −5182.53	−916.04 −926.26 −926.26	−9474.20 −9474.20 −9474.20
	−3138.79 −3138.79 −3138.79	+0.00 −0.00 −0.00	−1396.09 −1394.24 −1394.24
−3/2, 21	−4947.80 −4942.20 −4942.20	−1802.82 −1812.60 −1812.60	−9226.39 −9226.39 −9226.39
	−3138.89 −3138.89 −3138.90	+0.00 −0.00 +0.00	−1221.42 −1219.57 −1219.57
−3/2, 22	−4560.08 −4552.95 −4552.95	−2634.78 −2643.84 −2643.84	−9474.70 −9474.70 −9474.70
	−3138.89 −3138.89 −3138.90	−0.00 +0.00 −0.01	−1047.05 −1045.20 −1045.20
−3/2, 23	−4032.66 −4024.13 −4024.13	−3386.49 −3394.58 −3394.58	−9226.39 −9226.39 −9226.39
	−3138.89 −3138.89 −3138.90	+0.00 +0.00 +0.01	−872.30 −870.45 −870.45
−3/2, 24	−3383.61 −3373.90 −3373.90	−4032.94 −4039.82 −4039.82	−9474.70 −9474.70 −9474.70
	−3138.89 −3138.89 −3138.90	+0.00 +0.00 +0.01	−698.51 −696.66 −696.66
−3/2, 25	−2632.50 −2621.81 −2621.81	−4559.62 −4565.11 −4565.11	−9226.39 −9226.39 −9226.39
	−3138.89 −3138.89 −3138.90	−0.00 −0.00 −0.00	−523.60 −521.75 −521.75
−3/2, 26	−1799.80 −1788.39 −1788.39	−4948.02 −4951.97 −4951.97	−9474.70 −9474.70 −9474.70
	−3138.89 −3138.89 −3138.90	−0.00 +0.00 −0.01	−349.13 −347.28 −347.28
−3/2, 27	−912.82 −900.97 −900.97	−5185.77 −5188.07 −5188.07	−9226.30 −9226.30 −9226.30
	−3139.39 −3139.39 −3139.38	−0.00 −0.00 −0.01	−174.31 −172.45 −172.45
−3/2, 28	+0.05 +12.05 +12.05	−5266.96 −5267.58 −5267.58	−9474.70 −9474.70 −9474.70
	−3138.89 −3138.89 −3138.90	−0.00 −0.00 +0.00	−0.96 +0.89 +0.89
−3/2, 29	+913.54 +925.38 +925.38	−5185.24 −5184.16 −5184.16	−9226.39 −9226.39 −9226.39
	−3138.89 −3138.89 −3138.90	−0.00 −0.00 −0.00	+173.63 +175.48 +175.48
−3/2, 30	+1801.12 +1812.52 +1811.41	−4948.12 −4945.40 −4945.81	−9474.70 −9474.70 −9474.70
	−3138.89 −3138.89 −3138.88	−0.00 −0.00 +0.24	+348.81 +350.67 +351.76

All the values



All values relative to ideal, alternating x, y, z (mm) and ϕ_x, ϕ_y, ϕ_z (mrad)
Columns: PG + hardware, same + global adjustment, same + track-based chambers
(color applied only if chamber was aligned)

chamber	x or ϕ_x	y or ϕ_y	z or ϕ_z
−3/2, 31	+2630.75 +2641.43 +2641.43	−4559.67 −4555.42 −4555.42	−9226.39 −9226.39 −9226.39
	−3138.89 −3138.89 −3138.90	−0.00 −0.00 −0.01	+523.96 +525.81 +525.81
−3/2, 32	+3382.58 +3392.29 +3394.21	−4033.70 −4028.06 −4026.43	−9475.80 −9475.80 −9475.80
	−3138.89 −3138.89 −3138.90	−0.00 +0.00 −0.27	+697.92 +699.77 +702.08
−3/2, 33	+4032.91 +4041.41 +4041.41	−3385.59 −3378.74 −3378.74	−9226.39 −9226.39 −9226.39
	−3138.89 −3138.89 −3138.90	+0.00 +0.00 +0.00	+872.96 +874.81 +874.81
−3/2, 34	+4558.39 +4565.50 +4565.50	−2633.40 −2625.58 −2625.58	−9474.70 −9474.70 −9474.70
	−3138.89 −3138.89 −3138.90	+0.00 −0.00 −0.00	+1047.21 +1049.06 +1049.06
−3/2, 35	+4946.13 +4951.70 +4951.70	−1802.72 −1794.19 −1794.19	−9226.39 −9226.39 −9226.39
	−3138.89 −3138.89 −3138.90	+0.00 −0.00 −0.01	+1220.85 +1222.70 +1222.70
−3/2, 36	+5184.56 +5188.49 +5188.49	−915.52 −906.54 −906.54	−9474.70 −9474.70 −9474.70
	−3138.89 −3138.89 −3138.90	+0.00 +0.00 −0.00	+1396.57 +1398.42 +1398.42
−4/1, 01	+2616.44 +2621.08 +2621.08	+228.87 +231.67 +231.67	−10116.90 −10116.90 −10116.90
	−3139.99 −3139.99 −3140.01	−0.00 −0.00 +0.00	+1658.07 +1659.64 +1659.64
−4/1, 02	+2381.28 +2384.54 +2384.54	+1109.01 +1111.44 +1111.44	−10364.90 −10364.90 −10364.90
	−3139.99 −3139.99 −3140.01	+0.00 +0.00 +0.00	+2007.35 +2008.92 +2008.92
−4/1, 03	+1856.37 +1858.46 +1858.46	+1856.15 +1857.75 +1857.75	−10116.90 −10116.90 −10116.90
	−3139.99 −3139.99 −3140.01	−0.00 +0.00 −0.03	+2355.93 +2357.49 +2357.49
−4/1, 04	+1109.03 +1110.30 +1110.30	+2379.52 +2379.95 +2379.95	−10364.00 −10364.00 −10364.00
	−3140.09 −3140.09 −3140.09	+0.00 −0.00 −0.00	+2704.23 +2705.80 +2705.80
−4/1, 05	+228.50 +229.40 +229.40	+2615.05 +2614.11 +2614.11	−10116.90 −10116.90 −10116.90
	−3139.99 −3139.99 −3140.01	−0.00 +0.00 +0.01	+3053.77 +3055.34 +3055.34
−4/1, 06	−681.25 −680.22 −680.22	+2535.01 +2532.63 +2532.63	−10364.90 −10364.90 −10364.90
	−3139.99 −3139.99 −3140.01	−0.00 −0.00 −0.02	−2879.00 −2877.43 −2877.43

All the values

All values relative to ideal, alternating x, y, z (mm) and ϕ_x, ϕ_y, ϕ_z (mrad)
Columns: PG + hardware, same + global adjustment, same + track-based chambers
(color applied only if chamber was aligned)

chamber	x or ϕ_x	y or ϕ_y	z or ϕ_z
−4/1, 07	−1505.97 −1504.34 −1504.34	+2150.16 +2146.49 +2146.49	−10116.90 −10116.90 −10116.90
	−3139.99 −3139.99 −3140.01	+0.00 +0.00 +0.00	−2531.31 −2529.74 −2529.74
−4/1, 08	−2152.25 −2149.60 −2149.60	+1503.39 +1498.71 +1498.71	−10364.90 −10364.90 −10364.90
	−3139.99 −3139.99 −3140.01	+0.00 +0.00 −0.00	−2180.73 −2179.17 −2179.17
−4/1, 09	−2538.22 −2534.28 −2534.28	+677.60 +672.32 +672.32	−10116.90 −10116.90 −10116.90
	−3139.99 −3139.99 −3140.01	−0.00 −0.00 −0.01	−1831.44 −1829.88 −1829.88
−4/1, 10	−2616.72 −2611.35 −2611.35	−230.56 −235.97 −235.97	−10364.90 −10364.90 −10364.90
	−3139.99 −3139.99 −3140.01	+0.00 −0.00 −0.00	−1483.45 −1481.89 −1481.89
−4/1, 11	−2380.27 −2373.52 −2373.52	−1112.19 −1117.22 −1117.22	−10116.90 −10116.90 −10116.90
	−3139.99 −3139.99 −3140.01	−0.00 +0.00 +0.00	−1134.08 −1132.52 −1132.52
−4/1, 12	−1856.48 −1848.56 −1848.56	−1859.21 −1863.42 −1863.42	−10364.90 −10364.90 −10364.90
	−3139.99 −3139.99 −3140.01	+0.00 −0.00 −0.00	−784.77 −783.20 −783.20
−4/1, 13	−1109.05 −1100.31 −1100.31	−2381.75 −2384.79 −2384.79	−10116.90 −10116.90 −10116.90
	−3139.99 −3139.99 −3140.01	+0.00 +0.00 −0.01	−435.43 −433.86 −433.86
−4/1, 14	−228.31 −219.21 −219.21	−2617.56 −2619.22 −2619.22	−10365.90 −10365.90 −10365.90
	−3139.89 −3139.89 −3139.90	−0.00 +0.00 −0.00	−87.39 −85.82 −85.82
−4/1, 15	+680.28 +689.26 +689.26	−2536.50 −2536.73 −2536.73	−10116.90 −10116.90 −10116.90
	−3139.99 −3139.99 −3140.01	−0.00 +0.00 +0.00	+262.03 +263.59 +263.59
−4/1, 16	+1506.21 +1514.59 +1514.59	−2151.86 −2150.80 −2150.80	−10364.90 −10364.90 −10364.90
	−3139.99 −3139.99 −3140.01	+0.00 +0.00 +0.06	+610.75 +612.32 +612.32
−4/1, 17	+2152.17 +2159.54 +2159.54	−1505.93 −1503.85 −1503.85	−10116.90 −10116.90 −10116.90
	−3139.99 −3139.99 −3140.01	−0.00 +0.00 −0.00	+960.25 +961.81 +961.81
−4/1, 18	+2537.83 +2543.89 +2543.89	−679.56 −676.88 −676.88	−10364.90 −10364.90 −10364.90
	−3139.99 −3139.99 −3140.01	+0.00 −0.00 +0.00	+1310.02 +1311.59 +1311.59