VI. Analysis of the ITRF96 results

The quality analysis of the ITRF96 results is based more specifically on global residuals per solution (Table 2) as well as per site. All residuals on a site-by-site basis resulting from the combination are available in the Appendix. In terms of ITRF96 quality, the position and velocity spherical formal errors plotted in Figure 2 demonstrate an improvement of the ITRF96 with respect to ITRF94.

Table 2. Global ITRF96 residuals per solution

Solution	Number of points	Position RMS mm	Epoch	Velocity RMS mm/y
VLBI				
SSC(GSFC) 97 R 01	120	5.80	93:001	1.90
SSC(GIUB) 97 R 01	43	13.60	93:001	.50
SSC(NOAA) 95 R 01	111	14.70	93:001	1.90
SSC(JPL) 97 R 01	8	20.70	93:001	
SLR				
SSC(CSR) 96 L 01	89	11.10	93:001	3.80
SSC(GSFC) 97 L 01	38	10.90	86:182	1.70
GPS				
SSC(EMR) 97 P 01	36	10.00	96:001	3.50
SSC(GFZ) 97 P 02	66	16.80	94:365	3.30
SSC(CODE) 97 P 02	100	7.10	95:076	1.90
SSC(EUR) 97 P 04	39	2.40	96:090	.30
SSC(EUR) 97 P 03	58	2.90	96:339	.30
SSC(MIT) 97 P 01	132	8.50	97:151	9.20
SSC(NCL) 97 P 01	114	5.40	96:001	6.30
SSC(JPL) 97 P 02	113	9.40	96:001	3.80
DORIS				
SSC(GRGS) 97 D 01	48	26.90	93:001	8.00
SSC(CSR) 96 D 01	54	26.10	93:001	10.60
SSC(IGN) 97 D 04	62	28.30	95:100	12.80

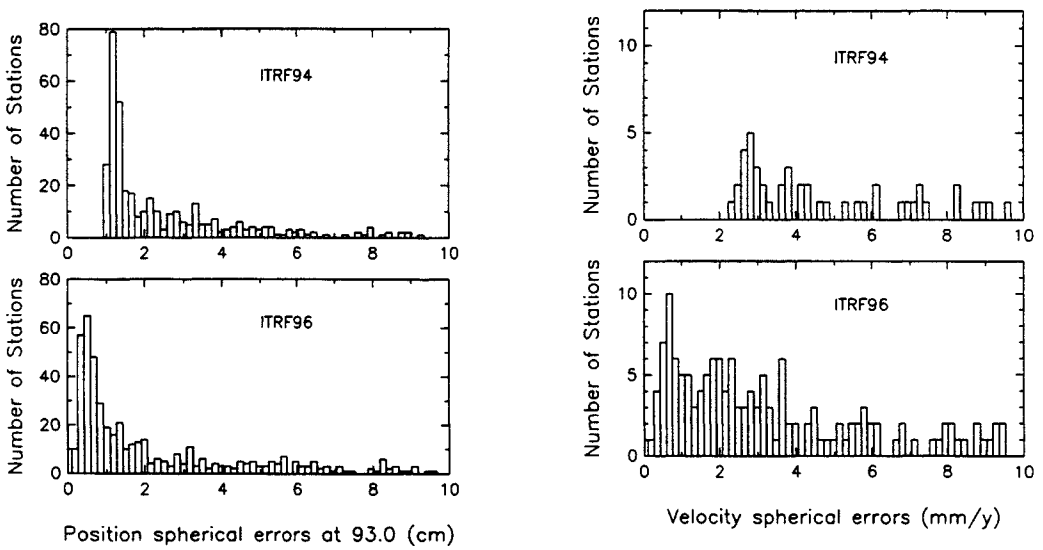

Figure 2. Position and velocity spherical formal errors