Covariance matrix: radius = 0.56 m

	0	1	2	3	4
0	2.5e-07	-1.7e-07	-5.4e-08	1.7e-08	-7.3e-08
1	-1.7e-07	6.9e-07	-3.2e-07	-2.3e-07	7.0e-08
2	-5.4e-08	-3.2e-07	1.0e-06	-4.0e-07	-2.1e-07
3	1.7e-08	-2.3e-07	-4.0e-07	1.6e-06	-7.5e-07
4	-7.3e-08	7.0e-08	-2.1e-07	-7.5e-07	1.9e-06