Covariance matrix: radius = 0.16 m

	0	1	2	3	4
0	1.8e-07	-6.2e-08	-1.6e-08	1.2e-08	-2.7e-08
1	-6.2e-08	5.1e-07	-1.1e-07	-6.1e-08	2.1e-08
2	-1.6e-08	-1.1e-07	8.3e-07	-1.7e-07	-5.3e-08
3	1.2e-08	-6.1e-08	-1.7e-07	1.2e-06	-2.4e-07
4	-2.7e-08	2.1e-08	-5.3e-08	-2.4e-07	1.8e-06