PCO from solution

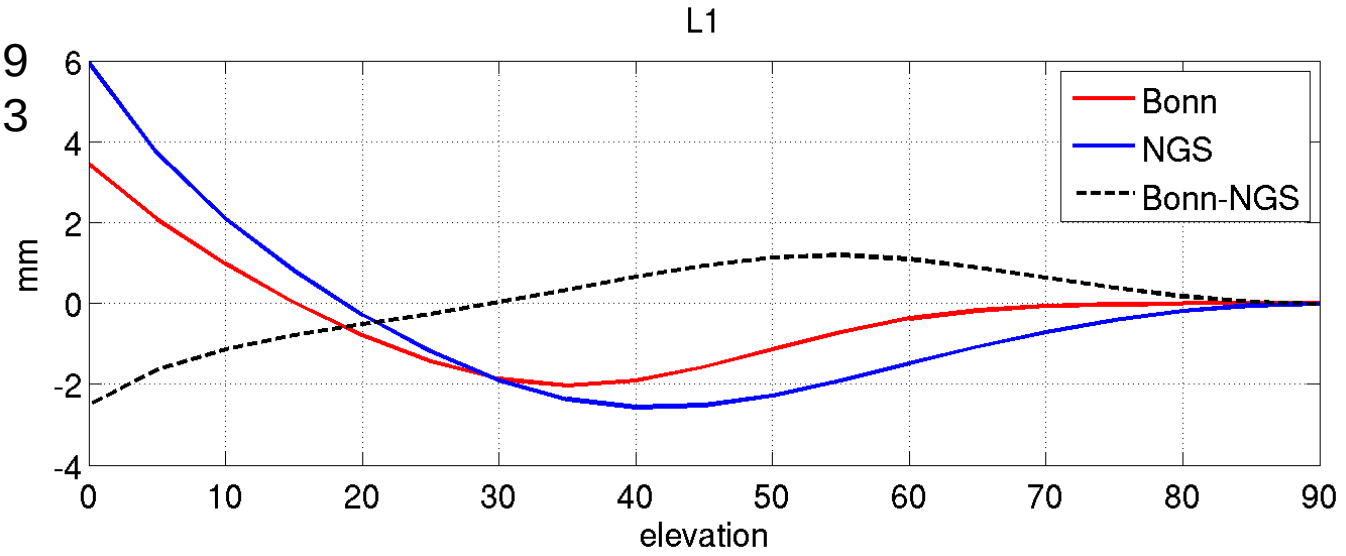
L1

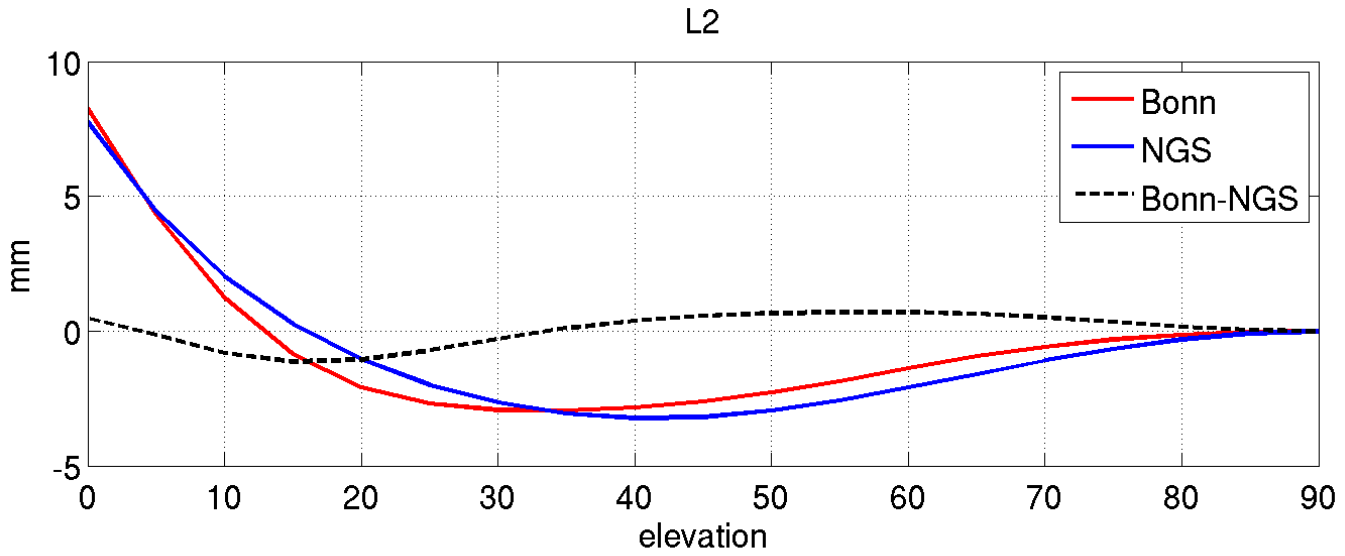
	N	E	U
Bonn	0.71	0.27	67.70
NGS	0.94	-0.19	66.26

L2

	N	E	U
Bonn	-0.03	0.50	58.89
NGS	-0.16	0.18	58.63

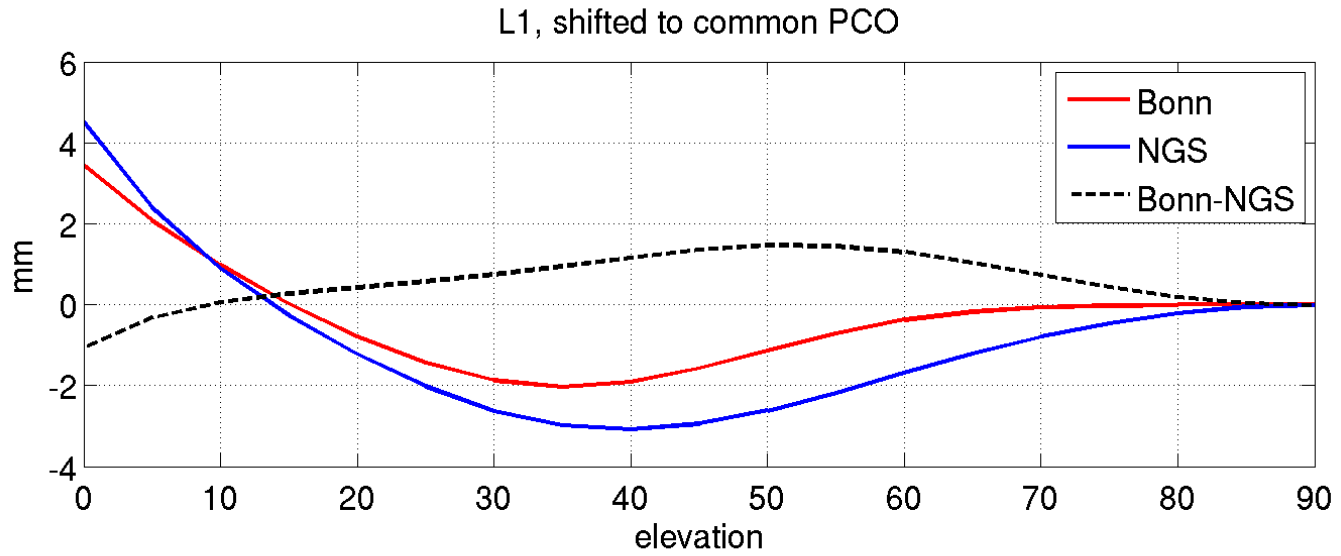
PCO and NOAZIM patterns as provided in the ANTEX files for NGS and Bonn

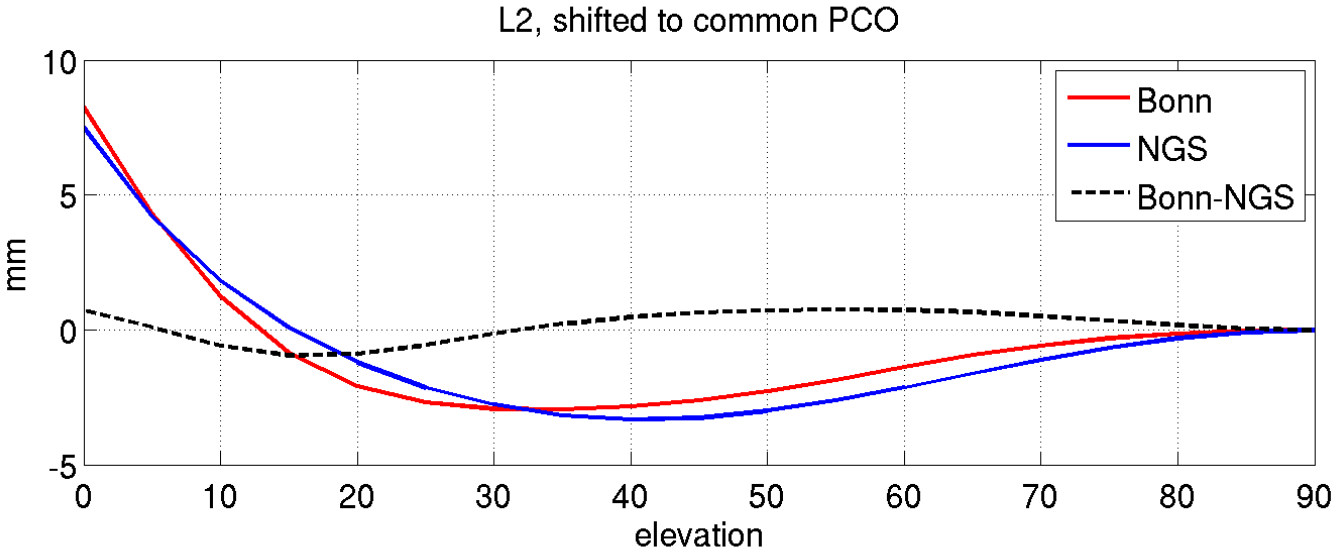




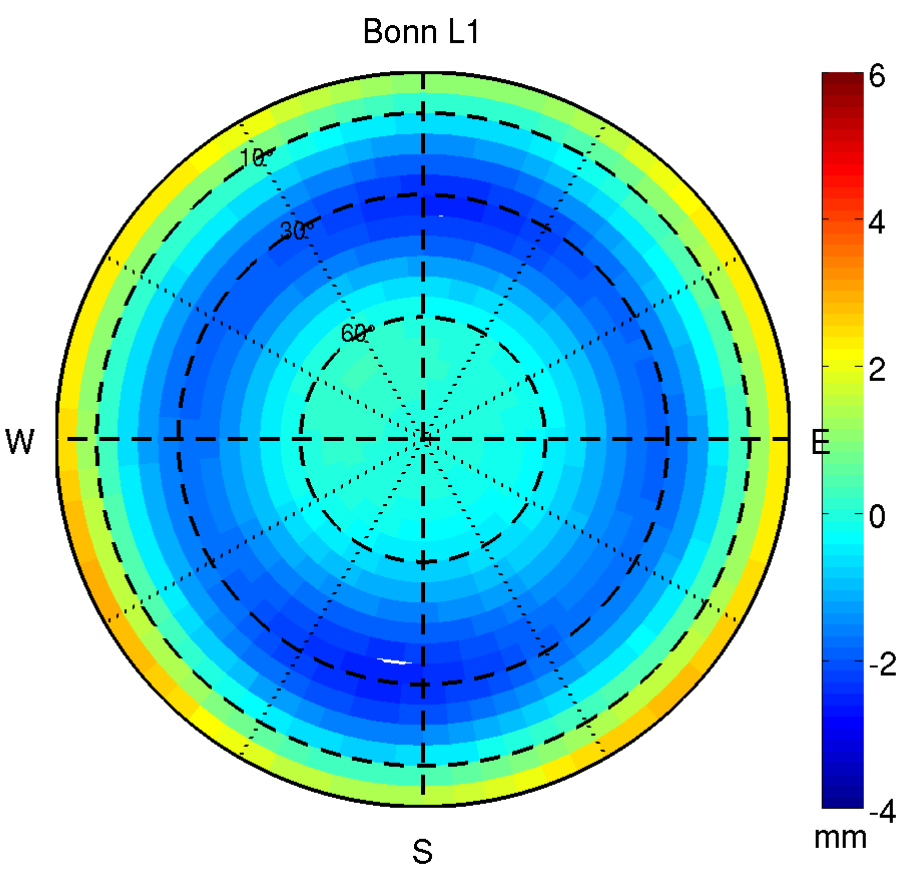
Common PCO - NOAZIM

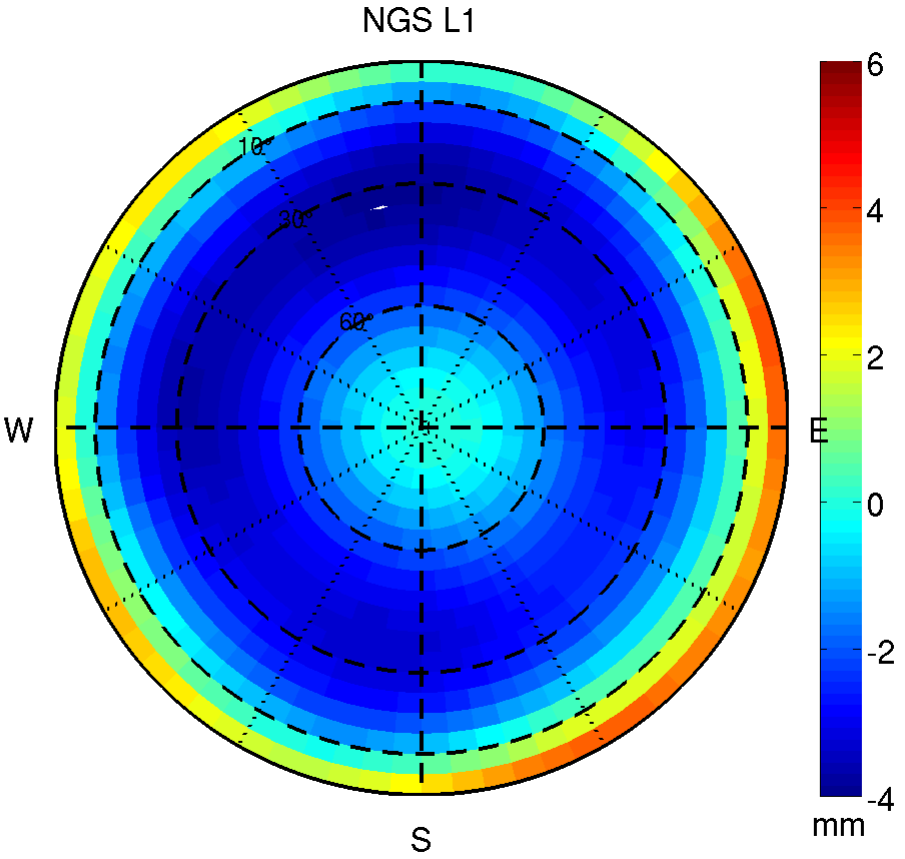
After shifting NGS results to use same PCO as Bonn results



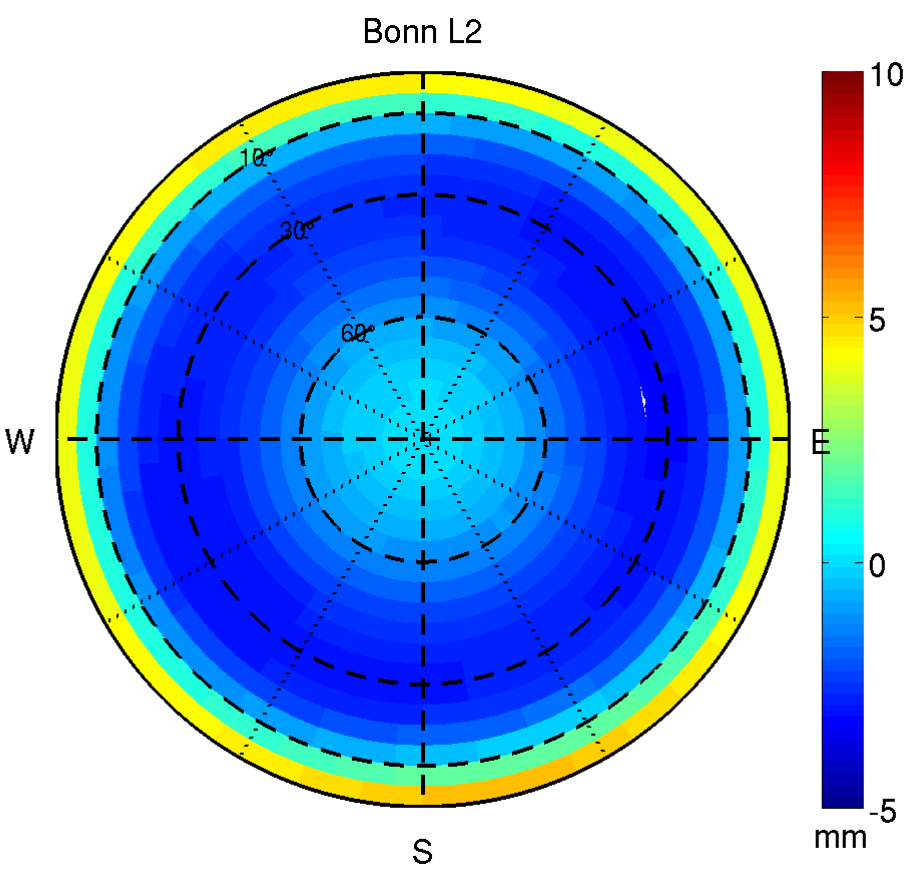


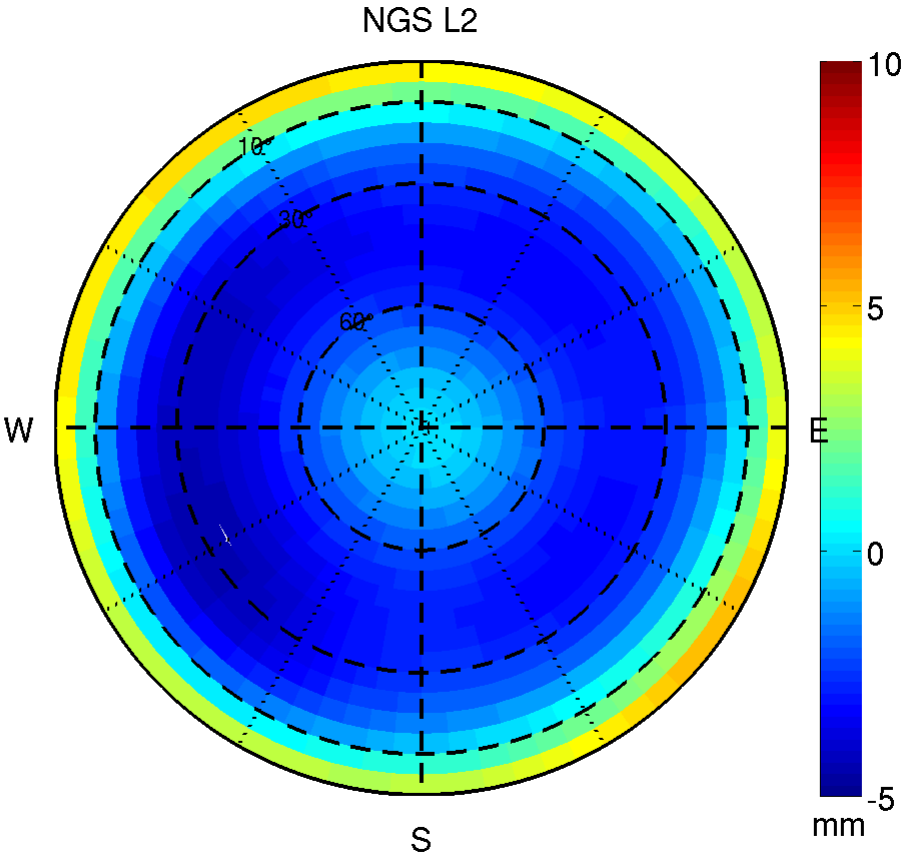
L1 full PCV with Common PCO



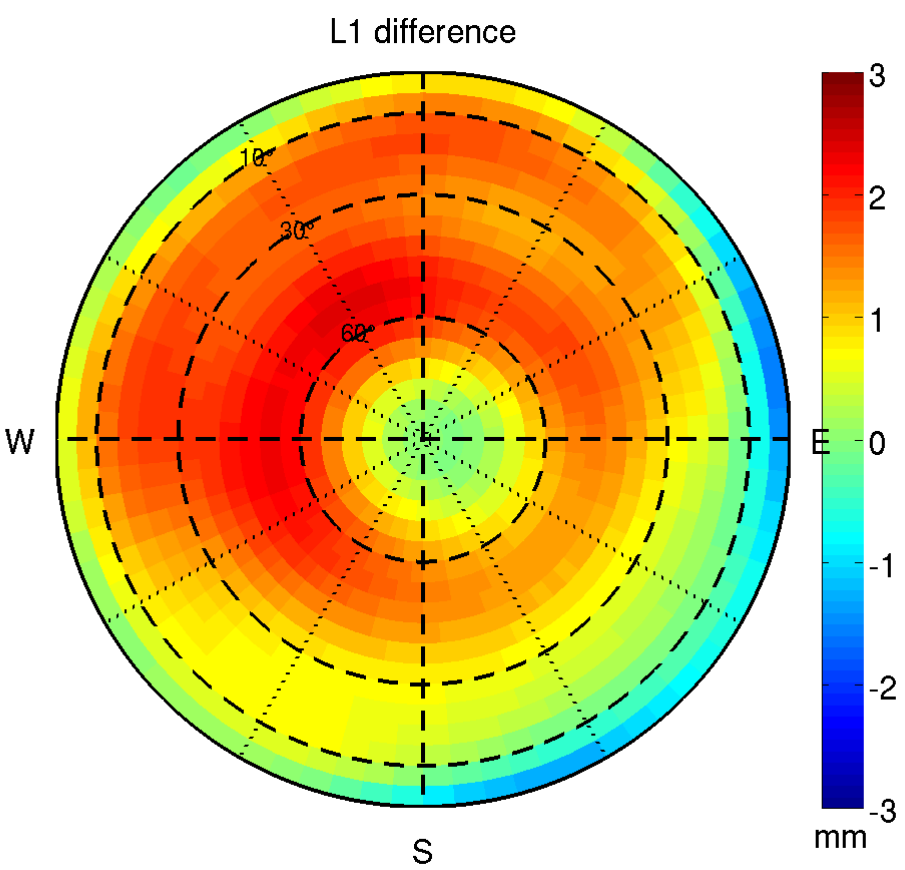


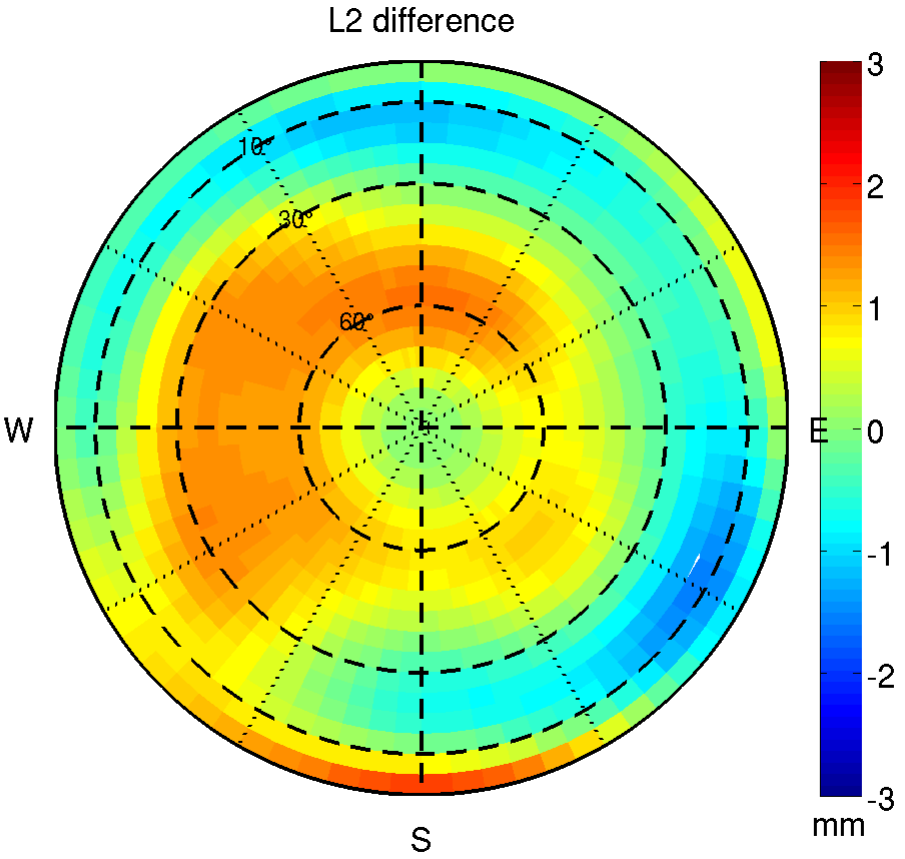
L2 full PCV with Common PCO





Differences Using Common PCO





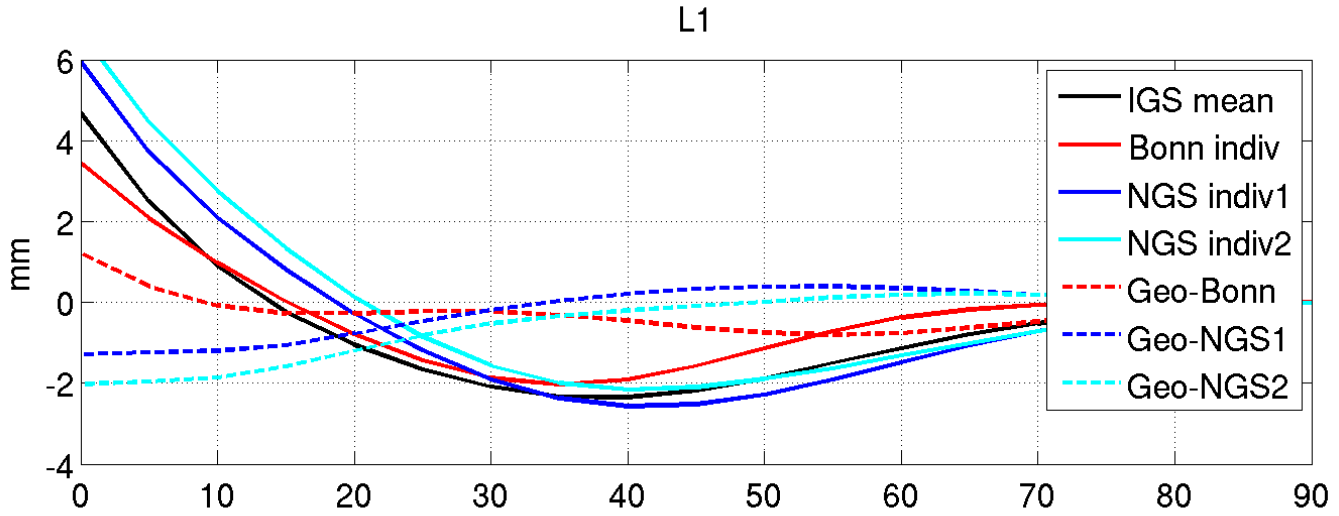
Compared to IGS type mean, individual PCOs

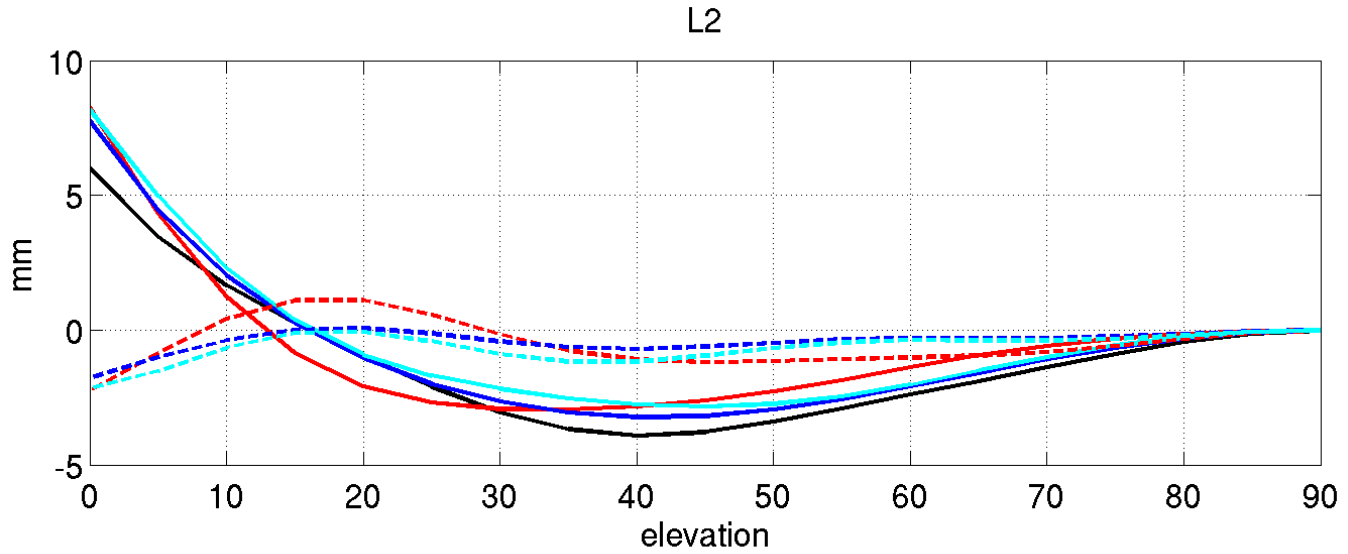
L1

	N	E	U
IGS	1.29	-0.19	66.73
Bonn	0.71	0.27	67.70
NGS1	0.94	-0.19	66.26
NGS2	1.16	0.32	65.41

L2

	N	E	U
IGS	0.38	0.61	57.69
Bonn	-0.03	0.50	58.89
NGS1	-0.16	0.18	58.63
NGS2	0.54	0.56	57.20



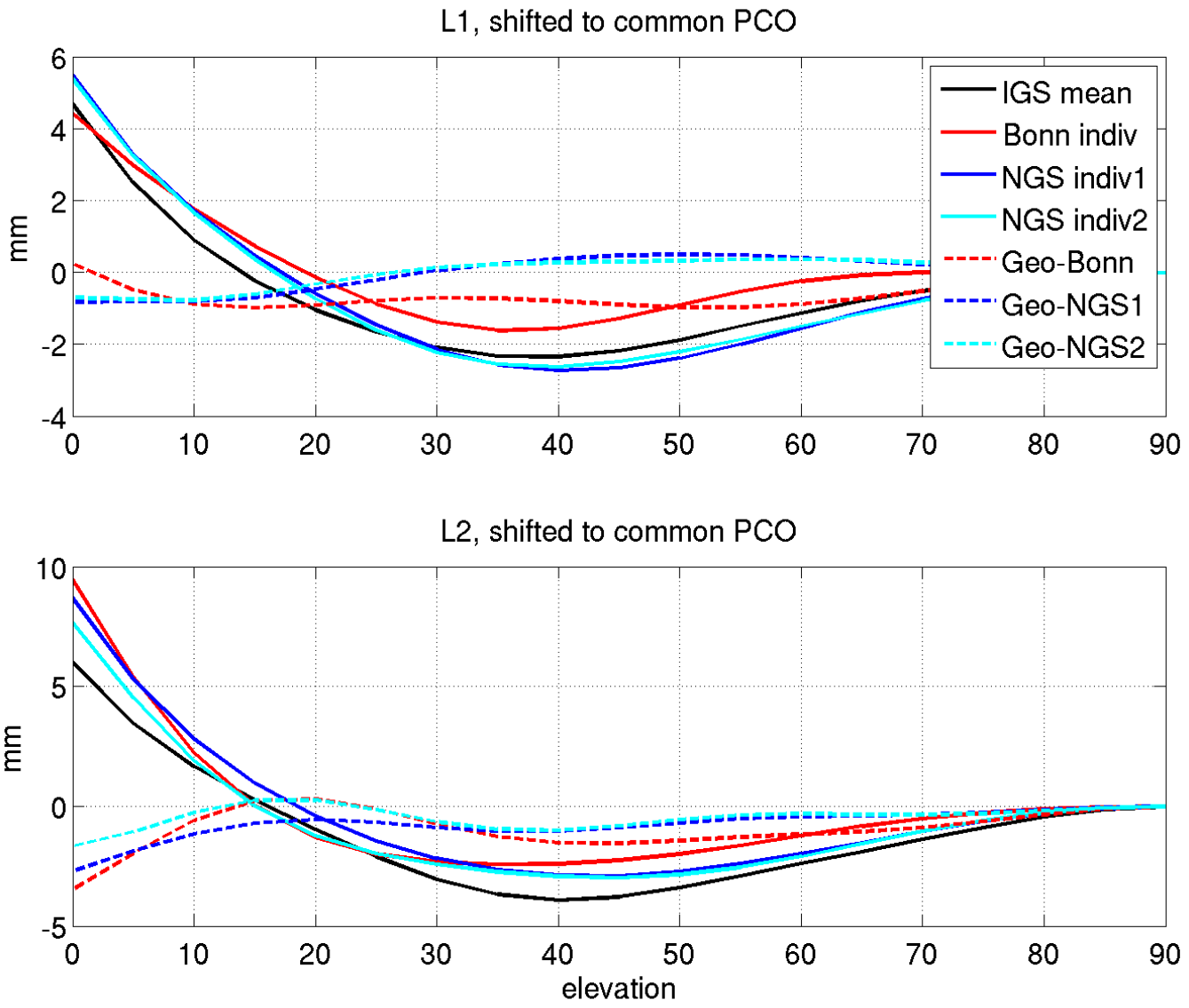


Here I show 2 separate NGS tests of the same antenna with different setups. It is expected that some PCO vertical bias will exist.

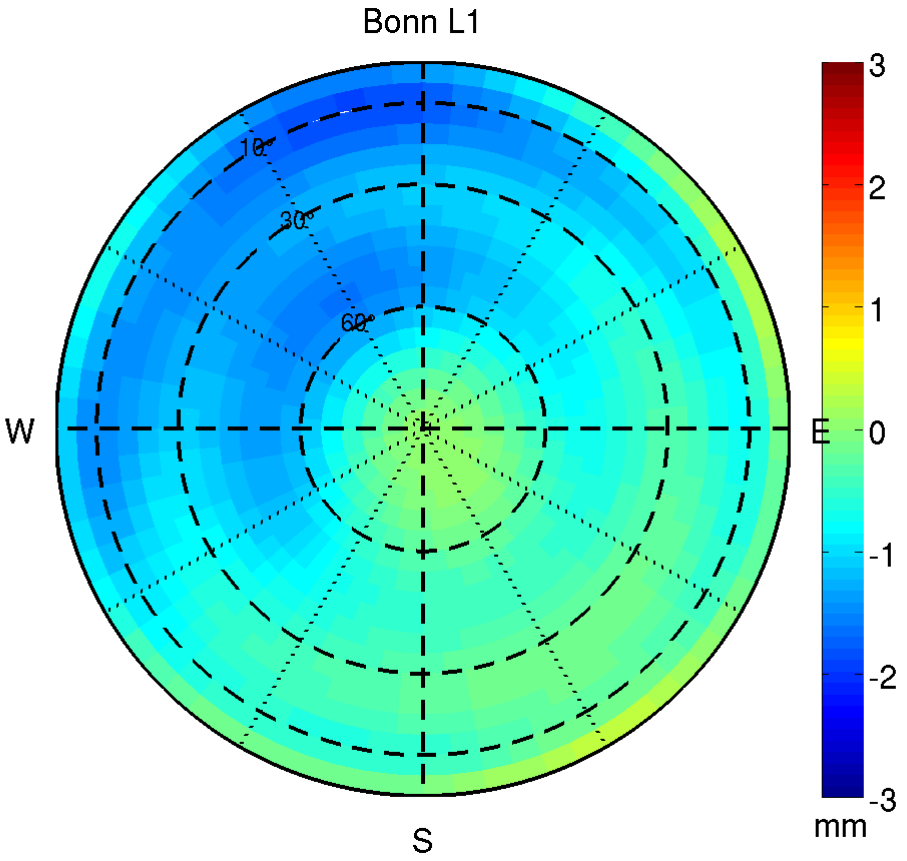
All tests are compared against the IGS type mean.

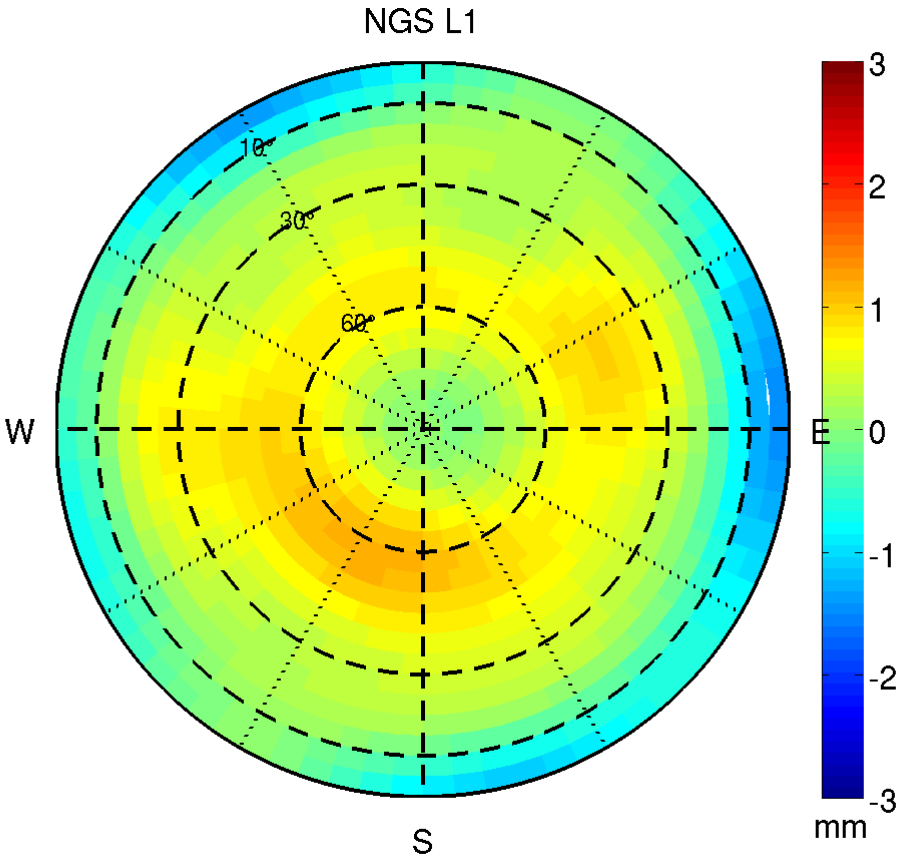
Using IGS type mean as common PCO

After shifting to common PCO for all tests:
1) NGS tests are nearly identical
2) for L1, NGS individuals are more similar to IGS type mean than Bonn
3) for L2, NGS and Bonn are equally similar to IGS type mean



L1 differences from IGS type mean





L2 differences from IGS type mean