

Optical metrology of epix10kaQuad.3 MEC from 2020-11-25

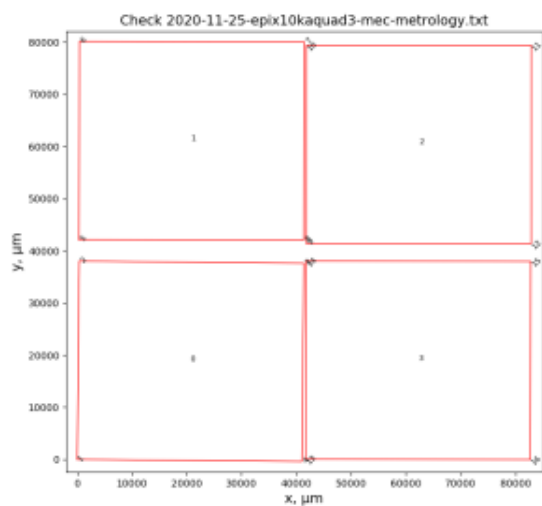
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Metrology data

- [2020-11-25-epix10kaquad3-mec-metrology.xlsx](#)
- [2020-11-25-epix10kaquad3-mec-metrology.txt](#)

Quality check

optical_metrology_check 2020-11-25-epix10kaquad3-mec-metrology.txt



X-Y quality check for optical metrology measurements

segm:	S1	S2	dS1	dS2	L1	L2	dL1	dL2	angle(deg)	D1	D2	dD	d
(dS)	d(dL)												
segm: 0	38012	38009	-403	-406	40997	40997	375	375	-0.56529	55909	55909		
0	3	0											
segm: 1	38010	38015	-94	-89	41012	41014	86	88	-0.12783	55921	55918		
3	-5	-2											
segm: 2	37990	37995	-21	-16	40990	40987	13	10	-0.02586	55884	55892		
-8	-5	3											
segm: 3	37991	37991	-84	-84	40995	40990	72	67	-0.11741	55884	55896		
-11	0	5											

Z quality check for optical metrology measurements

segm:	SA	LA	XSize	YSize	dZS1	dZS2	dZL1	dZL2	dZSA	dZLA	ddZS	ddZL	dZX	dZY
angXZ(deg)	angYZ(deg)	dz3(um)												
segm: 0	38010	40997	40997	38010	0	-12	26	14	-6	20	12	12	20	-6
0.02795	-0.00904	-12.000												
segm: 1	38012	41013	41013	38012	-74	-63	64	75	-68	69	-11	-11	69	-68
0.09709	-0.10325	11.007												
segm: 2	37992	40988	40988	37992	-15	-21	113	107	-18	110	6	6	110	-18
0.15376	-0.02715	-5.990												
segm: 3	37991	40992	40992	37991	118	104	202	188	111	195	14	14	195	111
0.27255	0.16740	-13.975												

Geometry file

- [/reg/g/psdm/detector/alignment/epix10kaquad/2020-11-25-epix10kaquad3-mec/2020-11-25-epix10kaquad3-mec-geometry.txt](#)

Validation on data

References

- [EPIX10KA2M References](#)