

QZSS (Quasi-Zenith Satellite System)

Correction data evaluation

CLAS/PPP/SLAS

- Period

7/2~7/29 2023

RMS and Average Errors for 1 week(cm, Lat/Lon)

(2023/7/2– 2023/7/8)

CLAS	RMS	Average
7/2	1.5 /1.5	0.0 /0.8
7/3	2.3 /2.1	-0.2 /1.4
7/4	2.1 /1.8	0.2 /1.1
7/5	2.1 /1.8	0.1 /1.0
7/6	2.2 /2.2	-0.5 /1.4
7/7	2.0 /2.0	-0.3 /1.2
7/8	2.0 /1.9	-0.3 /1.2

PPP	RMS	Average
7/2	3.6 /3.0	-1.8 /2.1
7/3	2.7 /3.8	-1.2 /-0.5
7/4	2.7 /3.5	-0.9 /-0.1
7/5	2.9 /3.2	-0.7 /-1.5
7/6	3.9 /1.8	-1.5 /-0.4
7/7	3.9 /2.5	-3.2 /-0.3
7/8	3.7 /3.4	-1.6 /0.4

SLAS	RMS	Average
7/2	40.1 /34.7	12.3 /-11.1
7/3	39.6 /35.3	15.5 /-5.8
7/4	38.4 /31.7	12.1 /-2.8
7/5	37.7 /33.8	13.5 /-10.4
7/6	42.5 /32.9	22.0 /-6.1
7/7	38.0 /34.2	12.5 /-11.6
7/8	38.5 /33.4	10.0 /-6.2

※Latitude/Longitude

RMS and Average Errors for 1 week(**cm, Lat/Lon**) (2023/7/9– 2023/7/15)

CLAS	RMS	Average
7/9	1.8 /2.0	-0.7 /1.2
7/10	1.8 /2.0	-0.7 /1.2
7/11	1.8 /1.8	0.4 /1.1
7/12	2.1 /2.1	-0.3 /1.2
7/13	1.7 /1.7	-0.4 /0.9
7/14	2.2 /2.4	0.3 /0.9
7/15	2.2 /2.4	-0.1 /0.9

PPP	RMS	Average
7/9	3.7 /3.4	-1.6 /0.4
7/10	---/---	---/---
7/11	4.7 /6.7	0.2 /-5.2
7/12	4.4 /7.0	1.1 /-5.0
7/13	2.9 /3.6	-1.6 /-2.1
7/14	3.1 /3.6	-2.2 /-0.3
7/15	4.5 /3.3	-3.2 /-0.6

SLAS	RMS	Average
7/9	38.4 /31.7	13.5 /-6.4
7/10	39.3 /37.8	5.7 /-14.8
7/11	42.2 /38.4	7.9 /0.0
7/12	43.0 /39.7	3.2 /5.4
7/13	42.0 /39.0	7.1 /6.9
7/14	43.2 /38.4	7.7 /14.3
7/15	37.3 /35.8	3.2 /-2.9

※Latitude/Longitude

RMS and Average Errors for 1 week(cm, Lat/Lon)

(2023/7/16– 2023/7/22)

CLAS	RMS	Average
7/16	1.9 /2.2	0.1 /1.0
7/17	1.6 /2.8	-0.2 /0.8
7/18	2.7 /2.9	0.2 /1.2
7/19	2.2 /2.9	-0.8 /1.1
7/20	2.0 /2.4	-0.6 /1.6
7/21	2.3 /2.1	-0.8 /1.5
7/22	1.6 /2.6	-0.3 /2.0

PPP	RMS	Average
7/16	3.8 /4.5	-1.9 /-2.2
7/17	4.2 /4.4	-2.4 /-1.7
7/18	2.5 /5.2	-1.5 /-1.3
7/19	4.7 /7.6	-1.2 /-5.2
7/20	5.0 /7.9	-0.8 /-5.0
7/21	3.9 /3.1	-3.1 /-2.5
7/22	4.0 /5.0	-2.7 /-3.5

SLAS	RMS	Average
7/16	38.8 /33.0	12.2 /-5.1
7/17	40.6 /33.8	15.7 /-9.5
7/18	40.2 /33.8	17.1 /-10.3
7/19	43.4 /42.8	10.5 /-23.7
7/20	38.4 /41.1	10.3 /-20.6
7/21	40.4 /43.9	10.0 /-25.3
7/22	38.9 /39.9	8.8 /-20.0

※Latitude/Longitude

RMS and Average Errors for 1 week(cm, Lat/Lon)

(2023/7/23– 2023/7/29)

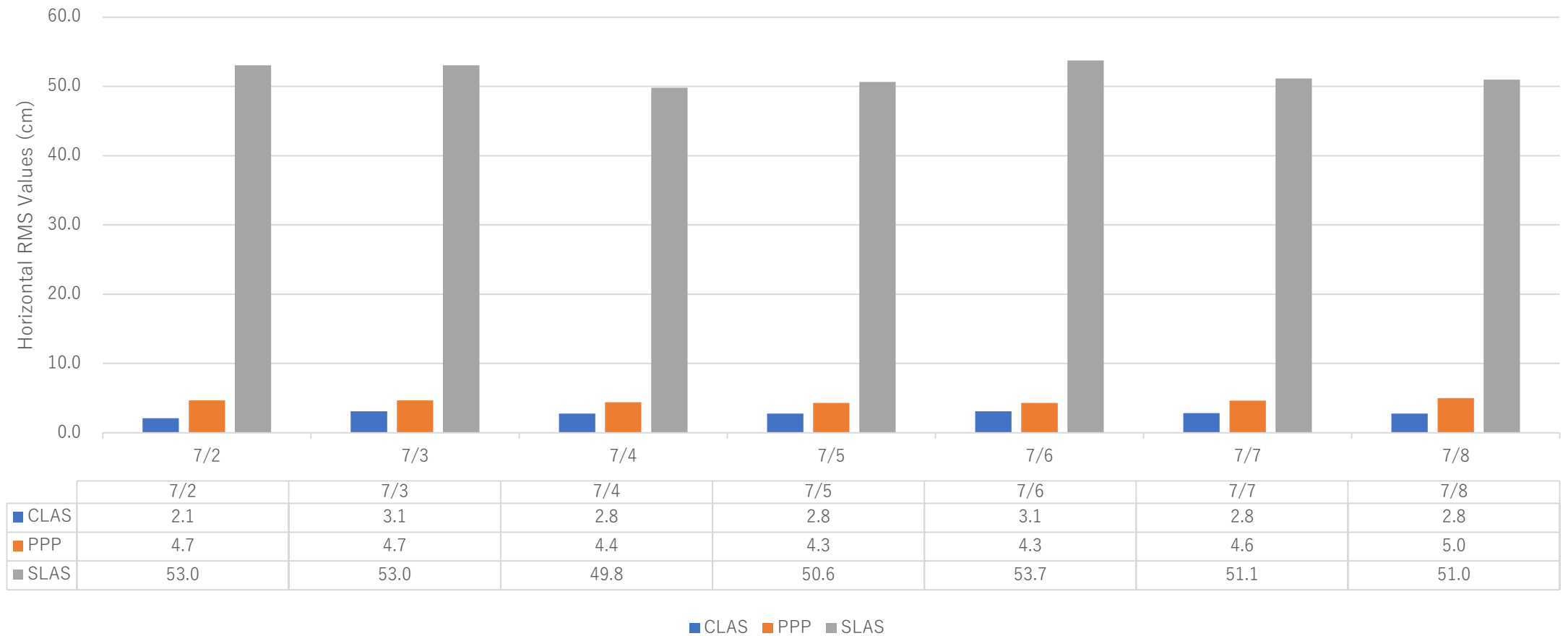
CLAS	RMS	Average
7/23	2.1 /2.3	0.5 /1.3
7/24	1.2 /1.9	0.0 /1.5
7/25	1.3 /1.9	0.0 /1.5
7/26	1.3 /1.8	0.4 /1.5
7/27	1.8 /1.9	-0.1 /1.1
7/28	2.1 /2.2	-0.1 /0.7
7/29	1.7 /2.1	-0.3 /1.6

PPP	RMS	Average
7/23	1.7 /4.5	-0.7 /-4.3
7/24	3.1 /4.0	-1.3 /-3.5
7/25	2.6 /3.5	-2.1 /-2.7
7/26	3.4 /5.1	-2.0 /-3.2
7/27	3.5 /3.9	-2.0 /-1.9
7/28	4.7 /2.0	-3.8 /-1.4
7/29	5.1 /2.0	-3.1 /-0.9

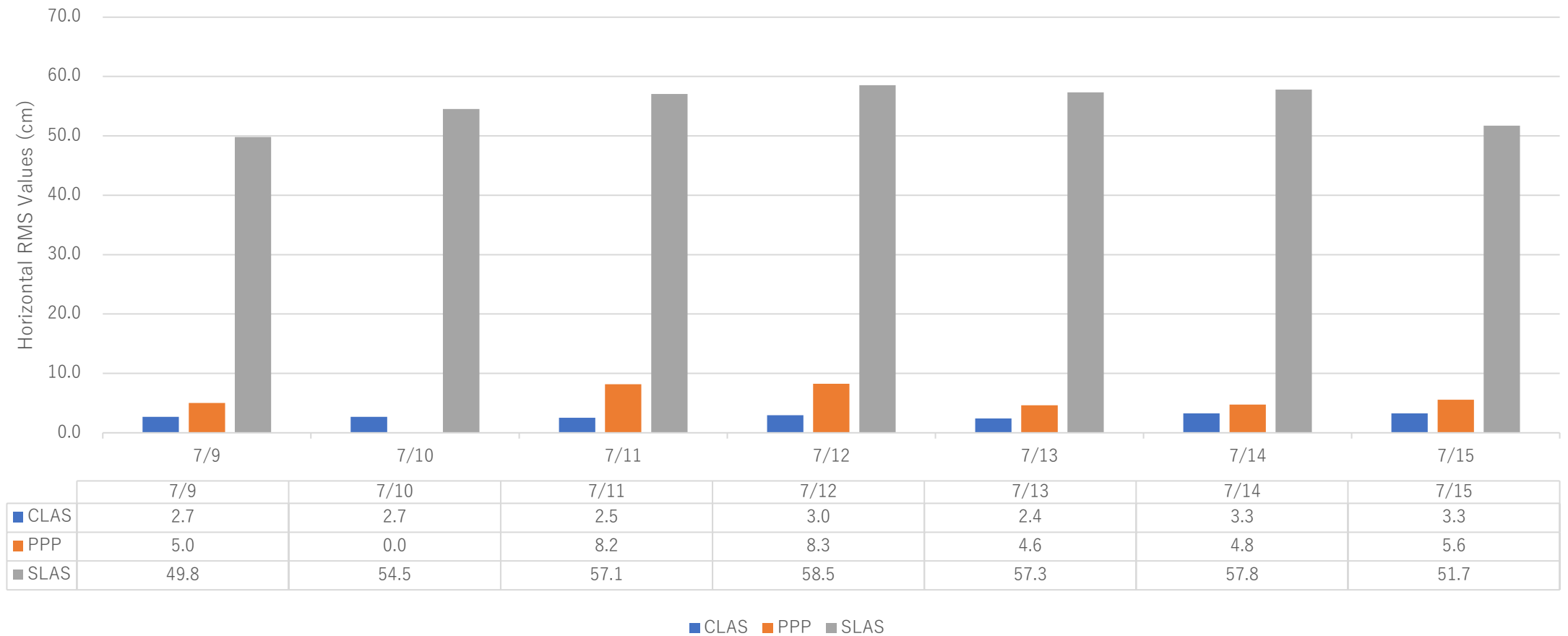
SLAS	RMS	Average
7/23	38.0 /41.8	6.6 /-21.9
7/24	41.9 /33.7	18.5 /-14.3
7/25	40.6 /39.3	12.5 /-19.3
7/26	42.8 /38.4	11.5 /-16.7
7/27	42.5 /41.1	11.4 /-24.7
7/28	46.6 /33.3	25.2 /-12.3
7/29	38.9 /34.5	16.2 /-13.5

※Latitude/Longitude

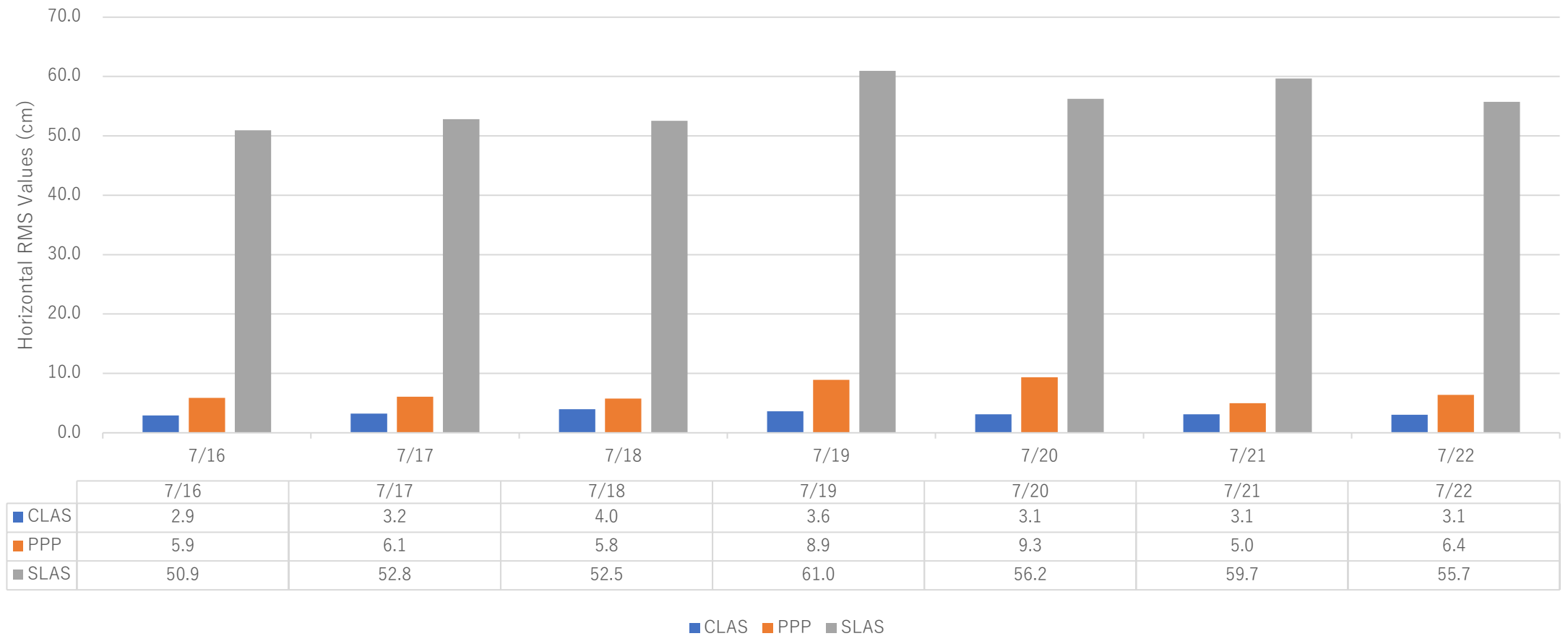
CLAS/PPP/SLASの水平RMS値 (2023/7/2 – 2023/7/8)



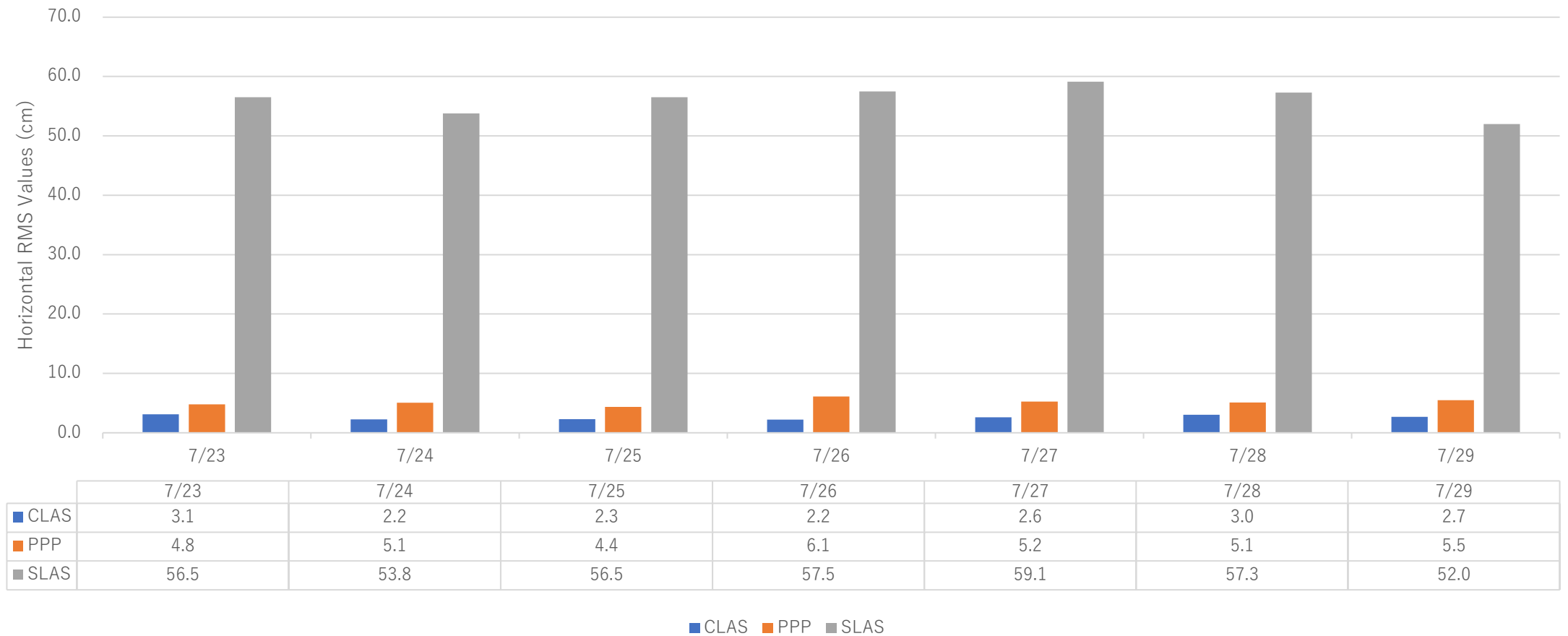
CLAS/PPP/SLASの水平RMS値 (2023/7/9 – 2023/7/15)



CLAS/PPP/SLASの水平RMS値 (2023/7/16 – 2023/7/22)



CLAS/PPP/SLASの水平RMS値 (2023/7/23 – 2023/7/29)

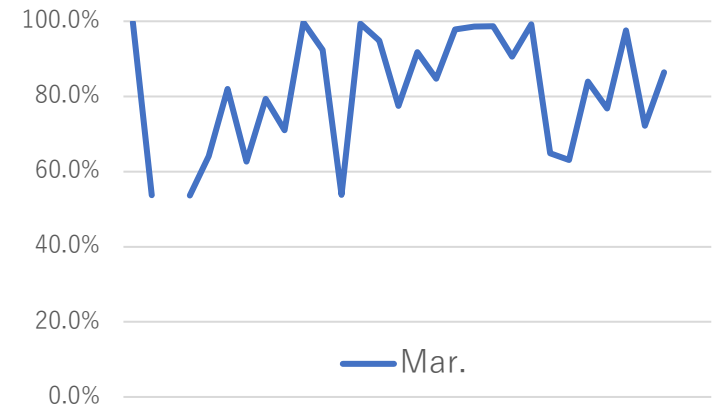
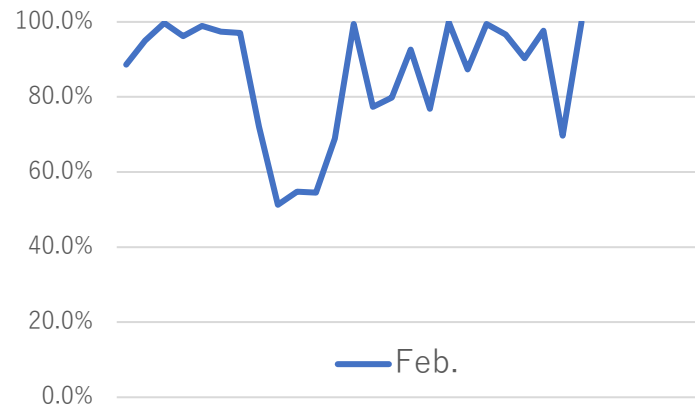
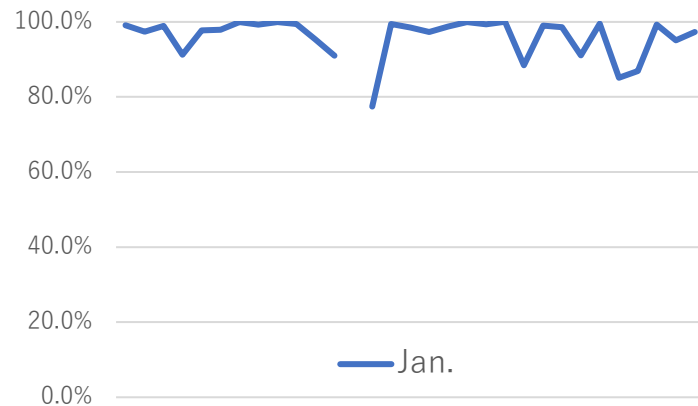
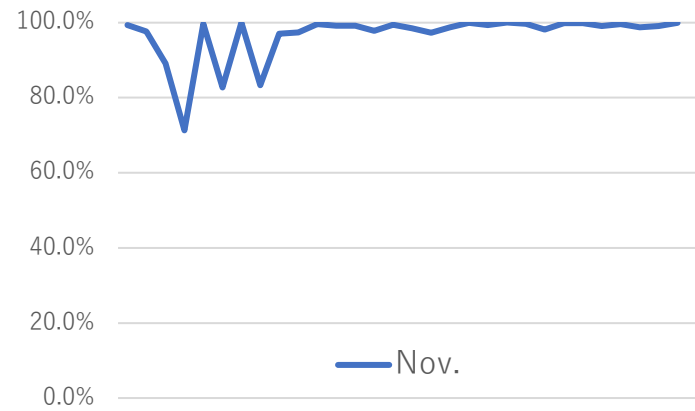
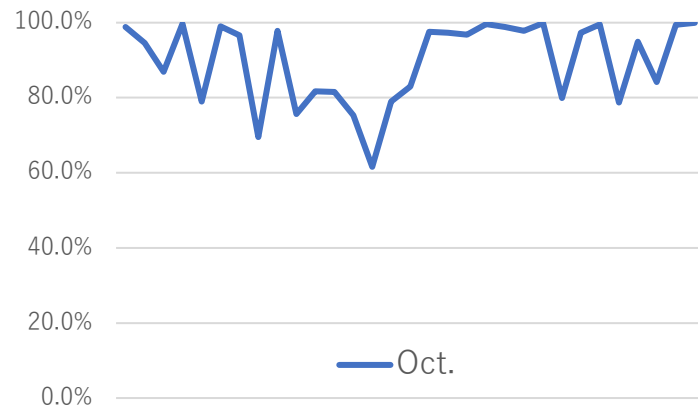


CLAS Fix Rate

(2023/7/2 – 2023/7/22)

Date	CLAS Fix Rate	Date	CLAS Fix Rate	Date	CLAS Fix Rate	Date	CLAS Fix Rate
7/2	89.5%	7/9	71.3%	7/16	89.8%	7/23	99.7%
7/3	97.4%	7/10	82.4%	7/17	97.1%	7/24	94.8%
7/4	99.4%	7/11	89.5%	7/18	90.6%	7/25	97.8%
7/5	99.0%	7/12	93.4%	7/19	97.3%	7/26	96.1%
7/6	95.8%	7/13	93.9%	7/20	94.4%	7/27	93.7%
7/7	99.1%	7/14	90.5%	7/21	98.8%	7/28	98.5%
7/8	92.1%	7/15	72.6%	7/22	99.2%	7/29	99.2%

CLAS Fix Rate Monthly Report (Oct. 2022 – as of Jul.29, 2023)



CLAS Fix Rate Monthly Report (Oct. 2022 – as of Jul.29, 2023)

