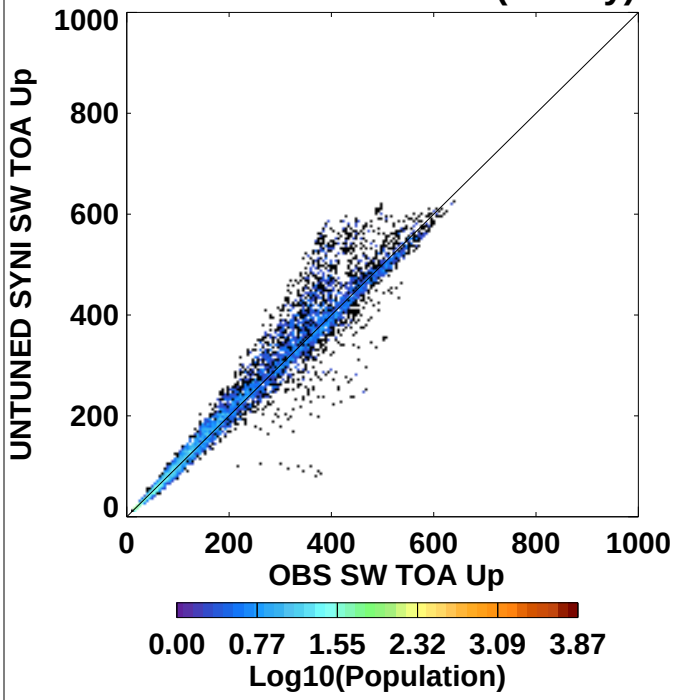
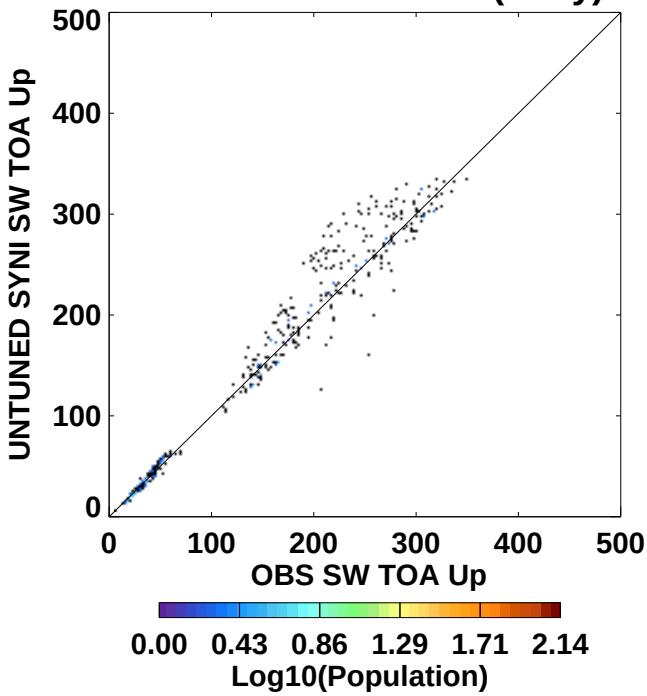
SYNI Beta4 FM1 2000:2005 /Jan,Apr,Jul,Oct: FM1 (STS validation subset)
GV1-70.500 352.500 Georg Von Neumayer I

Untuned TOA SW UP(Hourly)



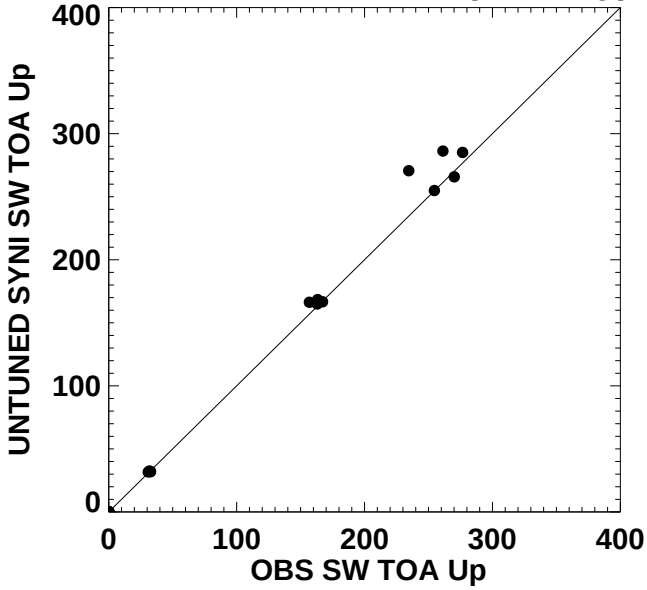
N= 13871.	Mean	(StdDev)
OBS SW TOA Up	111.1(	159.2)
UNTUNED SYNI SW TOA Up	115.5(	167.5)
Y-X	4.40(	27.54)
RMS(	27.89).....	

Untuned TOA SW UP(Daily)



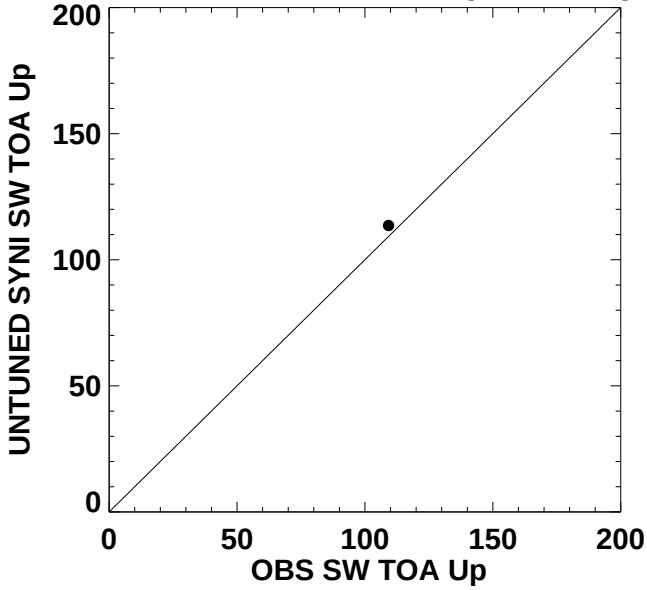
N= 534.	Mean	(StdDev)
OBS SW TOA Up	118.9(	110.5)
UNTUNED SYNI SW TOA Up	123.6(	115.8)
Y-X	4.68(	18.57)
RMS(	19.13).....	

Untuned TOA SW UP(Monthly)



N= 19.	Mean	(StdDev)
OBS SW TOA Up	109.2(	110.7)
UNTUNED SYNI SW TOA Up	113.6(	116.0)
Y-X	4.37(	9.94)
RMS(	10.62).....	

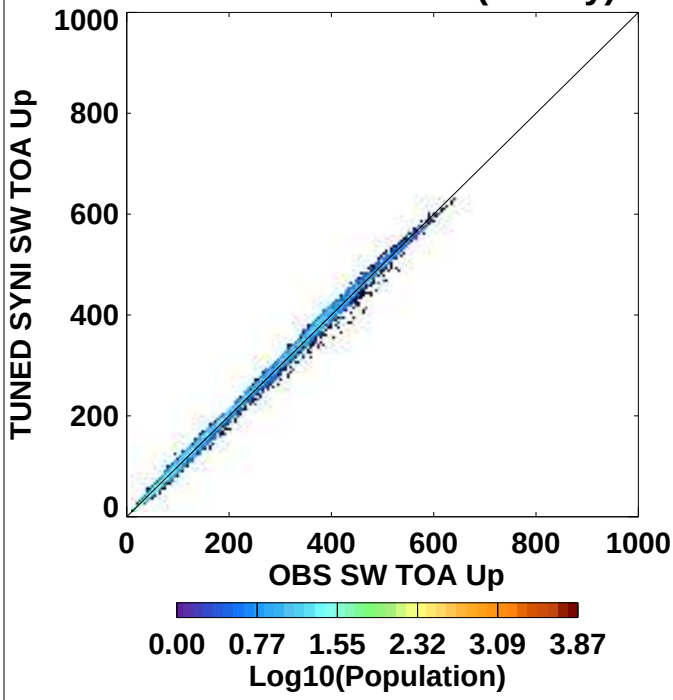
Untuned TOA SW UP(YEARLY)



N= 1.	Mean	(StdDev)
OBS SW TOA Up	109.2(	-999.0)
UNTUNED SYNI SW TOA Up	113.6(	-999.0)
Y-X	4.37(	-999.0)
RMS(	-999.0).....	

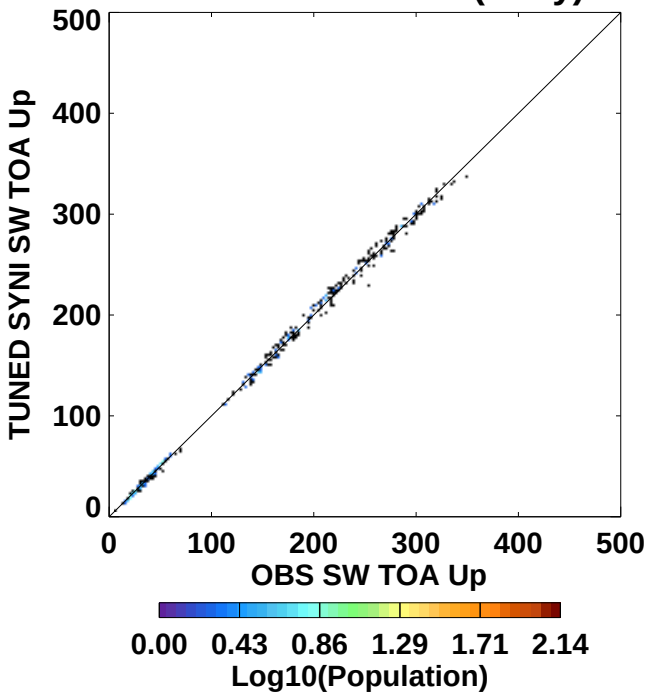
SYNI Beta4 FM1 2000:2005 /Jan,Apr,Jul,Oct: FM1 (STS validation subset)
GV1-70.500 352.500 Georg Von Neumayer I

Tuned TOA SW UP(Hourly)



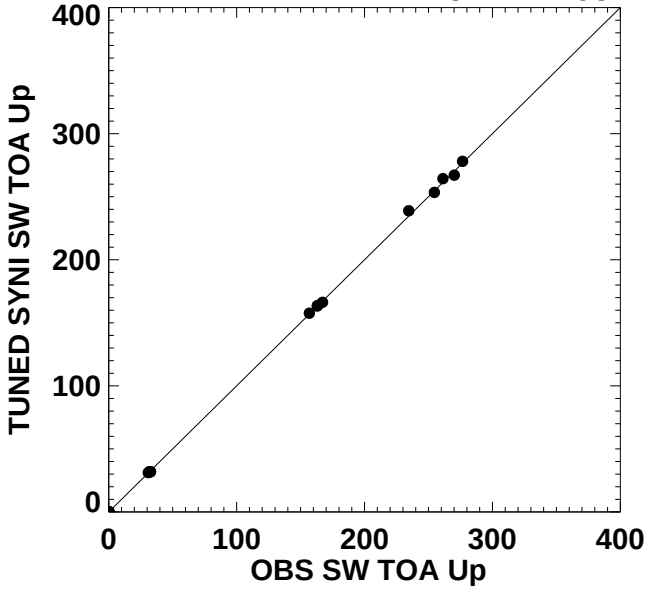
N= 13872.	Mean	(StdDev)
OBS SW TOA Up	111.1	(159.2)
TUNED SYNI SW TOA Up	111.3	(159.6)
Y-X	0.257	(5.89)
RMS(	5.90).....	

Tuned TOA SW UP(Daily)



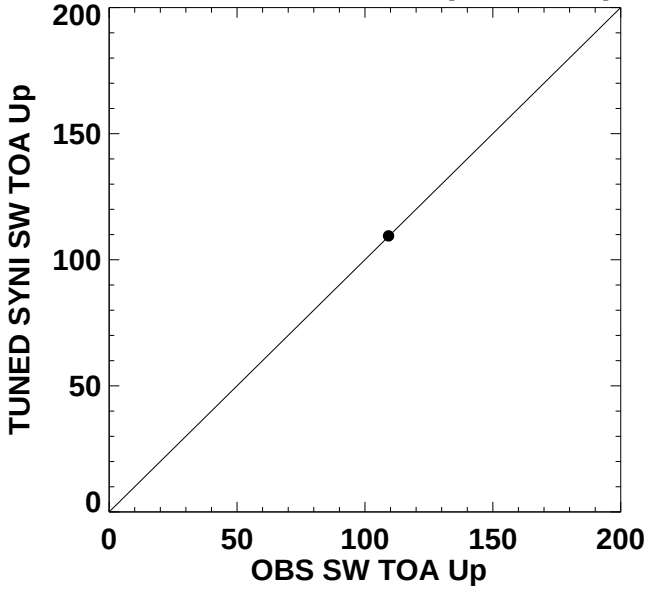
N= 535.	Mean	(StdDev)
OBS SW TOA Up	118.9	(110.4)
TUNED SYNI SW TOA Up	119.2	(110.6)
Y-X	0.260	(3.95)
RMS(	3.95).....	

Tuned TOA SW UP(Monthly)



N= 19.	Mean	(StdDev)
OBS SW TOA Up	109.2	(110.7)
TUNED SYNI SW TOA Up	109.5	(111.1)
Y-X	0.278	(1.53)
RMS(	1.52).....	

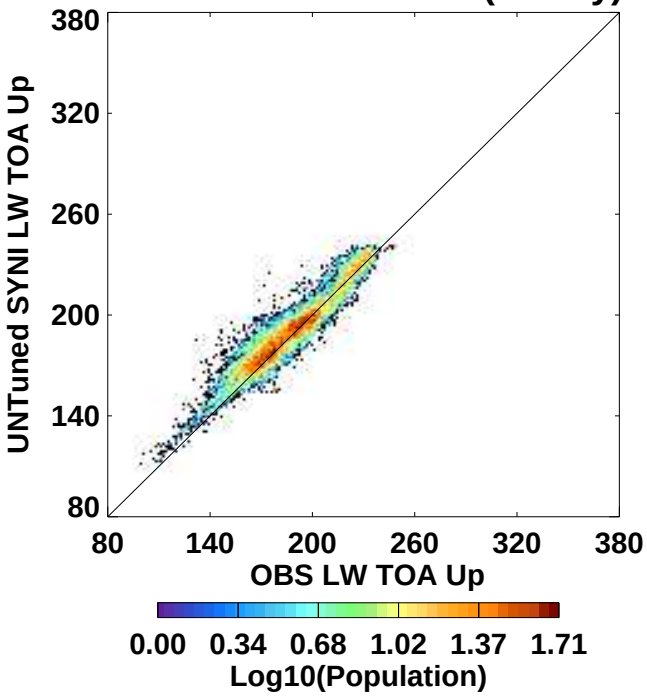
Tuned TOA SW UP(YEARLY)



N= 1.	Mean	(StdDev)
OBS SW TOA Up	109.2	(-999.0)
TUNED SYNI SW TOA Up	109.5	(-999.0)
Y-X	0.278	(-999.0)
RMS(	-999.0).....	

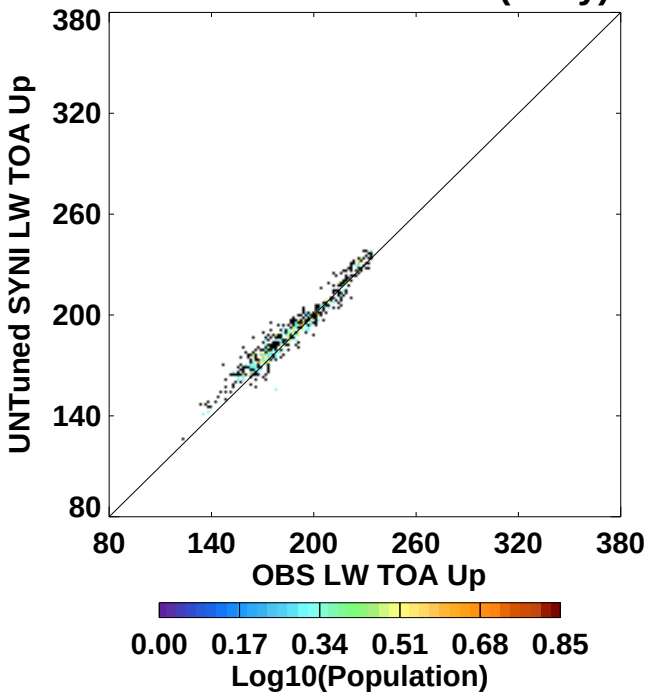
SYNI Beta4 FM1 2000:2005 /Jan,Apr,Jul,Oct: FM1 (STS validation subset)
GV1-70.500 352.500 Georg Von Neumayer I

UNTuned TOA LW UP(Hourly)



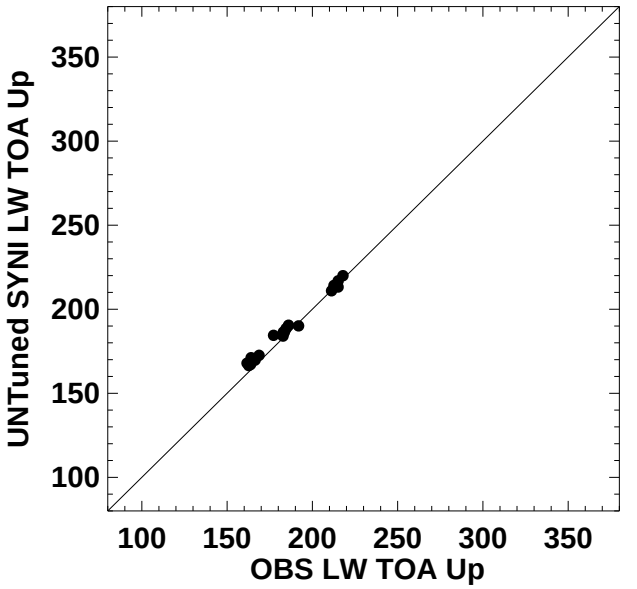
N= 14005.	Mean	(StdDev)
OBS LW TOA Up	185.8	(23.67)
UNTuned SYNI LW TOA Up	188.7	(22.32)
Y-X	2.89	(7.51)
RMS(	8.05).....	

UNTuned TOA LW UP(Daily)



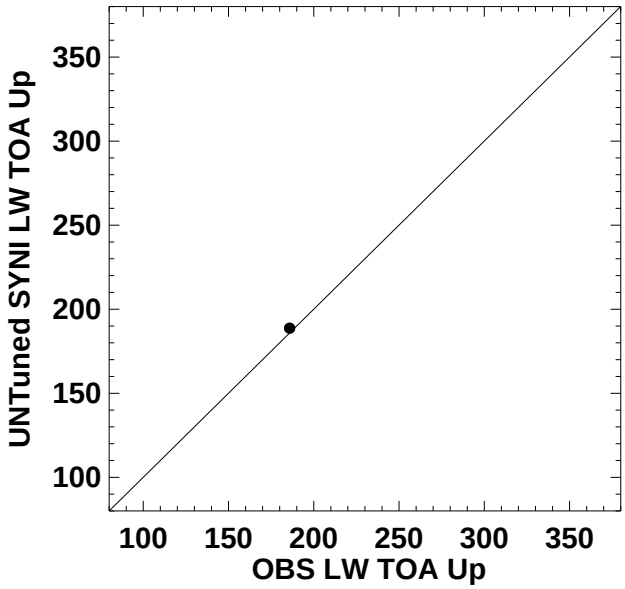
N= 577.	Mean	(StdDev)
OBS LW TOA Up	186.0	(22.49)
UNTuned SYNI LW TOA Up	188.8	(21.08)
Y-X	2.86	(5.64)
RMS(	6.32).....	

UNTuned TOA LW UP(Monthly)



N= 19.	Mean	(StdDev)
OBS LW TOA Up	185.8	(19.72)
UNTuned SYNI LW TOA Up	188.7	(18.10)
Y-X	2.88	(2.53)
RMS(	3.79).....	

UNTuned TOA LW UP(YEARLY)



N= 1.	Mean	(StdDev)
OBS LW TOA Up	185.8	(-999.0)
UNTuned SYNI LW TOA Up	188.7	(-999.0)
Y-X	2.88	(-999.0)
RMS(	-999.0).....	

SYNI Beta4 FM1 2000:2005 /Jan,Apr,Jul,Oct: FM1 (STS validation subset)
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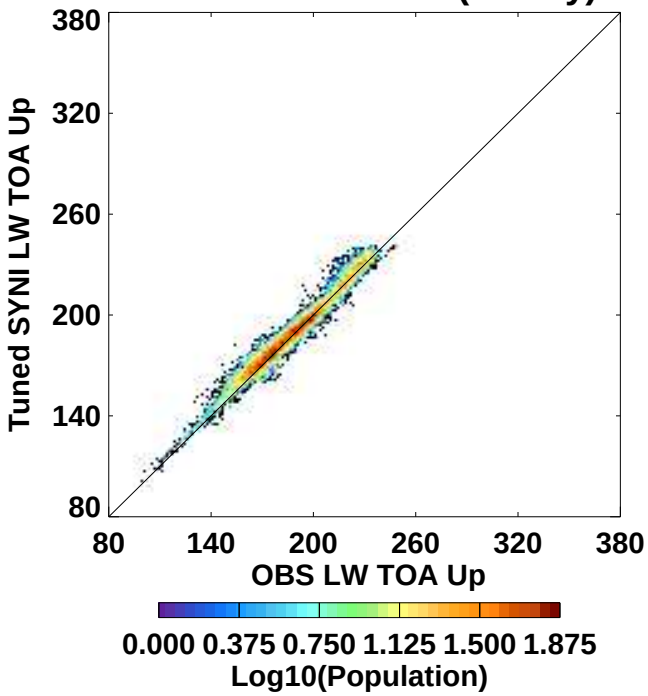
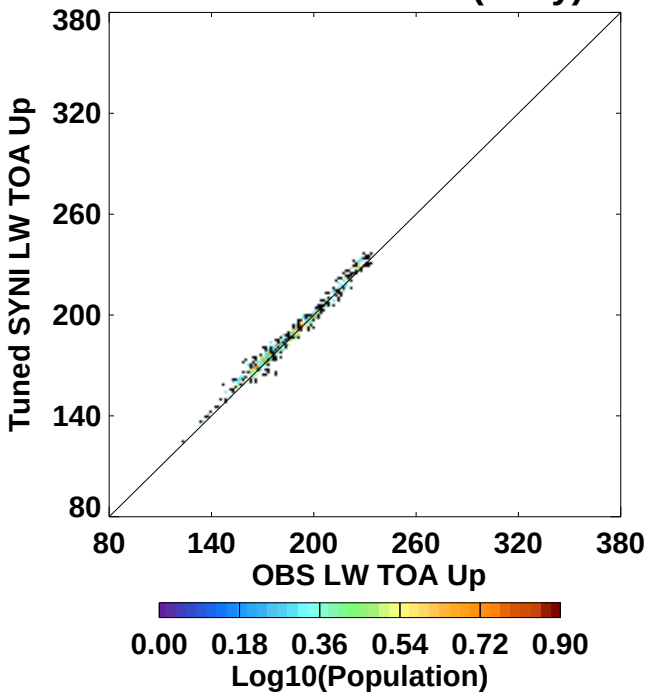
Tuned TOA LW UP(Hourly)



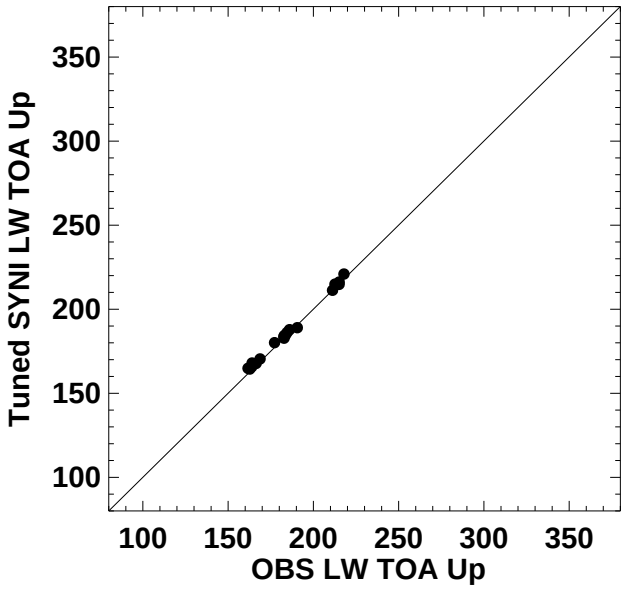
N= 14007.	Mean	(StdDev)
OBS LW TOA Up	185.8	(23.67)
Tuned SYNI LW TOA Up	187.3	(23.21)
Y-X	1.48	(4.40)
RMS(	4.64).....	

Tuned TOA LW UP(Daily)



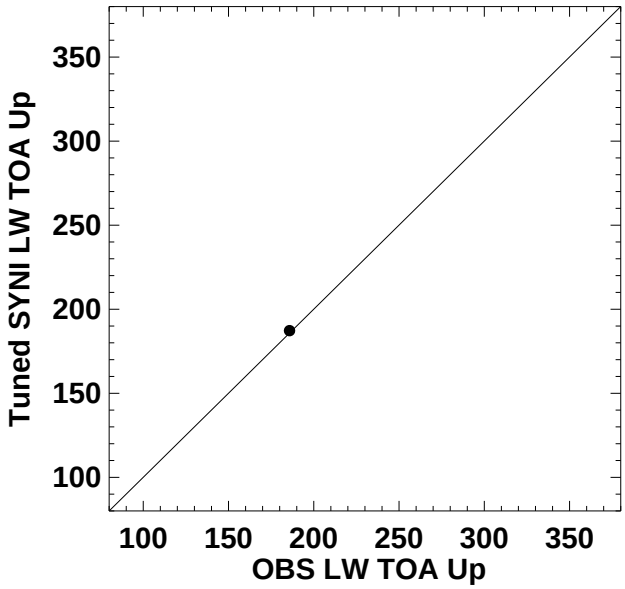
N= 579.	Mean	(StdDev)
OBS LW TOA Up	185.9	(22.51)
Tuned SYNI LW TOA Up	187.3	(22.12)
Y-X	1.46	(3.22)
RMS(	3.53).....	

Tuned TOA LW UP(Monthly)



N= 19.	Mean	(StdDev)
OBS LW TOA Up	185.8	(19.70)
Tuned SYNI LW TOA Up	187.2	(19.28)
Y-X	1.48	(1.34)
RMS(	1.97).....	

Tuned TOA LW UP(YEARLY)



N= 1.	Mean	(StdDev)
OBS LW TOA Up	185.8	(-999.0)
Tuned SYNI LW TOA Up	187.2	(-999.0)
Y-X	1.48	(-999.0)
RMS(	-999.0).....	

SYNI Beta4 FM1 2000:2005 /Jan,Apr,Jul,Oct: FM1 (STS validation subset)
GV1-70.500 352.500 Georg Von Neumayer I

SYNI Beta4 FM1 2000:2005 /Jan,Apr,Jul,Oct: FM1 (STS validation subset)
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SYNI Beta4 FM1 2000:2005 /Jan,Apr,Jul,Oct: FM1 (STS validation subset)
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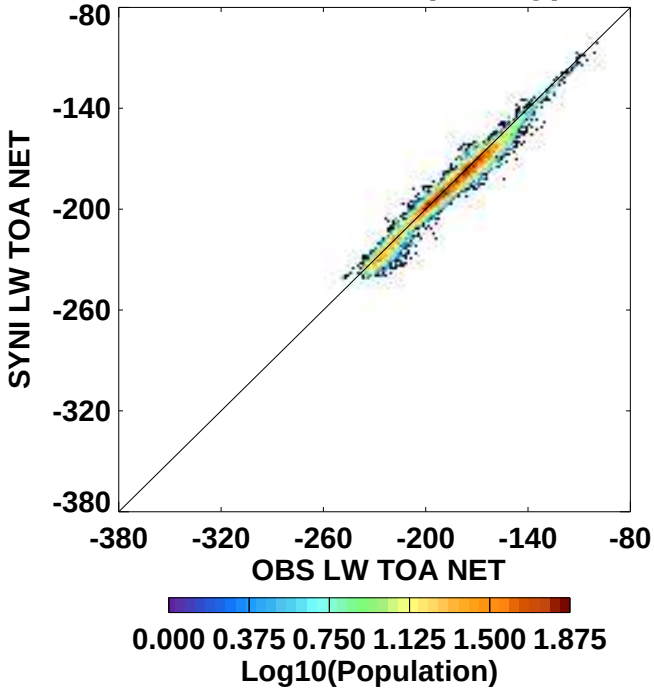
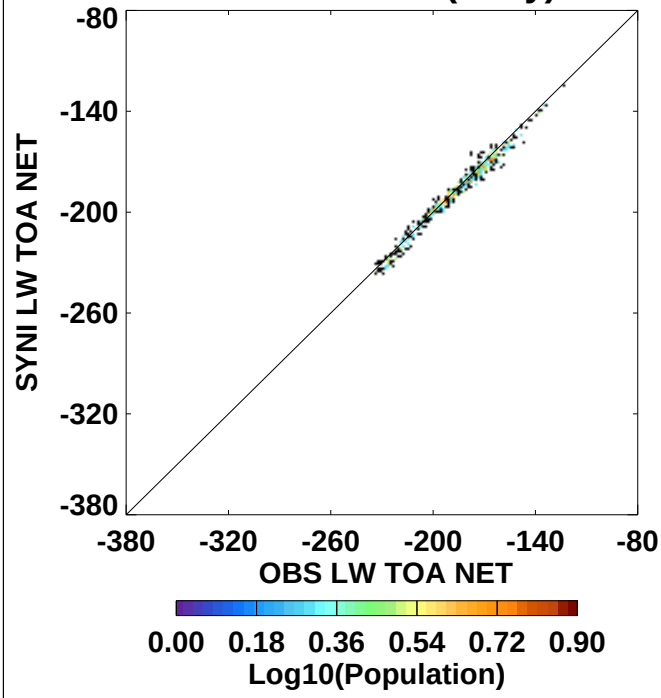
TOA LW NET(Hourly)



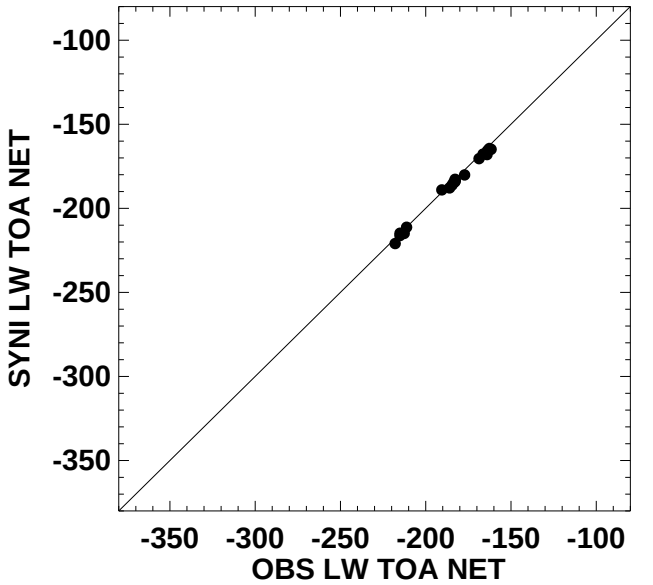
N= 14007.	Mean	(StdDev)
OBS LW TOA NET	-185.8(	23.67)
SYNI LW TOA NET	-187.3(	23.21)
Y-X	-1.48(	4.40)
RMS(	4.64).....	

TOA LW NET(Daily)



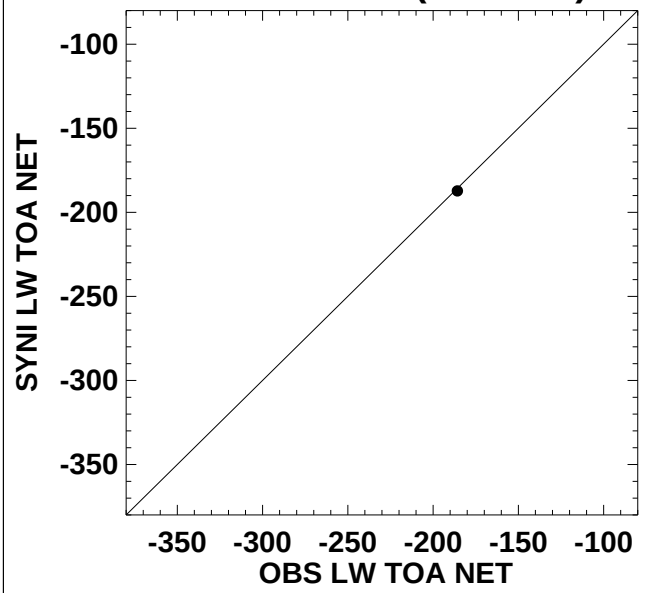
N= 579.	Mean	(StdDev)
OBS LW TOA NET	-185.9(	22.51)
SYNI LW TOA NET	-187.3(	22.12)
Y-X	-1.46(	3.22)
RMS(	3.53).....	

TOA LW NET(Monthly)



N= 19.	Mean	(StdDev)
OBS LW TOA NET	-185.8(	19.70)
SYNI LW TOA NET	-187.2(	19.28)
Y-X	-1.48(	1.34)
RMS(	1.97).....	

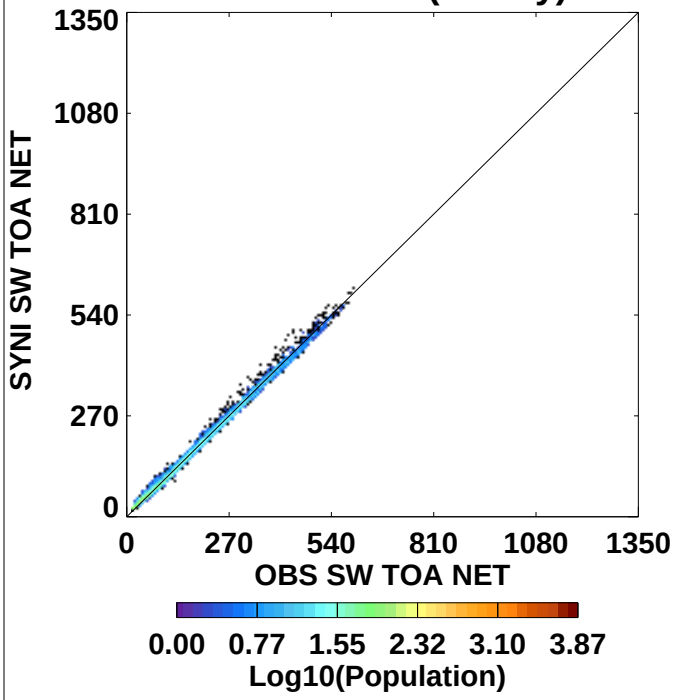
TOA LW NET(YEARLY)



N= 1.	Mean	(StdDev)
OBS LW TOA NET	-185.8(	-999.0)
SYNI LW TOA NET	-187.2(	-999.0)
Y-X	-1.48(	-999.0)
RMS(	-999.0).....	

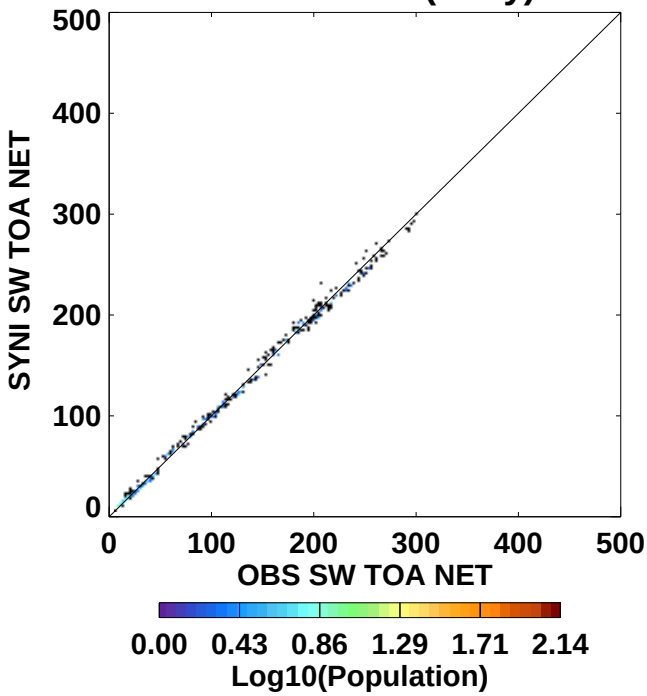
SYNI Beta4 FM1 2000:2005 /Jan,Apr,Jul,Oct: FM1 (STS validation subset)
GV1-70.500 352.500 Georg Von Neumayer I

SW TOA NET(Hourly)



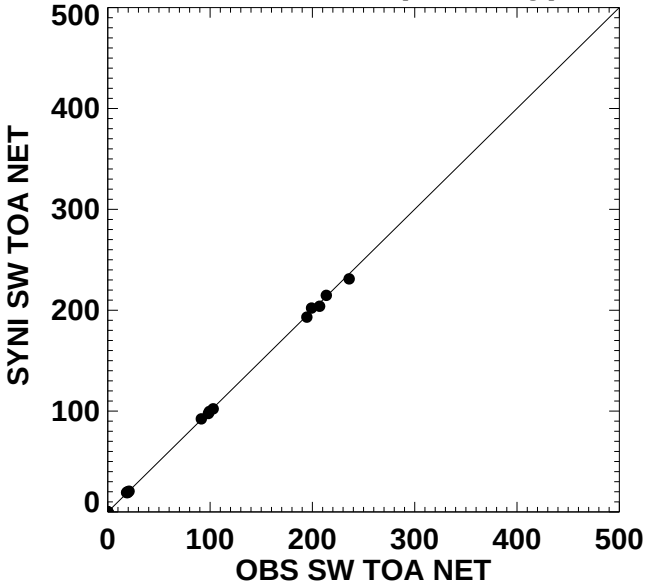
N= 13832.	Mean	(StdDev)
OBS SW TOA NET	81.62	(127.3)
SYNI SW TOA NET	81.36	(126.2)
Y-X	-0.258	(5.90)
RMS(	5.91).....	

SW TOA NET(Daily)



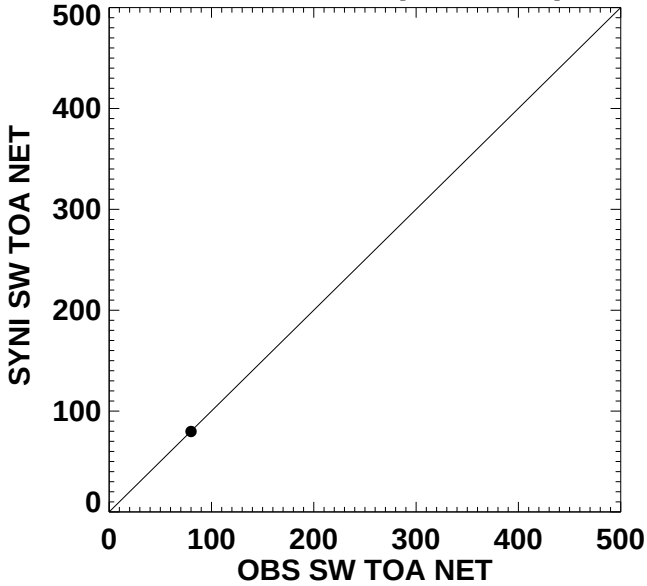
N= 535.	Mean	(StdDev)
OBS SW TOA NET	87.13	(89.33)
SYNI SW TOA NET	86.87	(88.35)
Y-X	-0.260	(3.95)
RMS(	3.95).....	

SW TOA NET(Monthly)



N= 19.	Mean	(StdDev)
OBS SW TOA NET	80.01	(88.20)
SYNI SW TOA NET	79.77	(87.66)
Y-X	-0.244	(1.63)
RMS(	1.60).....	

SW TOA NET(YEARLY)



N= 1.	Mean	(StdDev)
OBS SW TOA NET	80.01	(-999.0)
SYNI SW TOA NET	79.77	(-999.0)
Y-X	-0.244	(-999.0)
RMS(	-999.0).....	

SYNI Beta4 FM1 2000:2005 /Jan,Apr,Jul,Oct: FM1 (STS validation subset)
GV1-70.500 352.500 Georg Von Neumayer I

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GV1-70.500 352.500 Georg Von Neumayer I