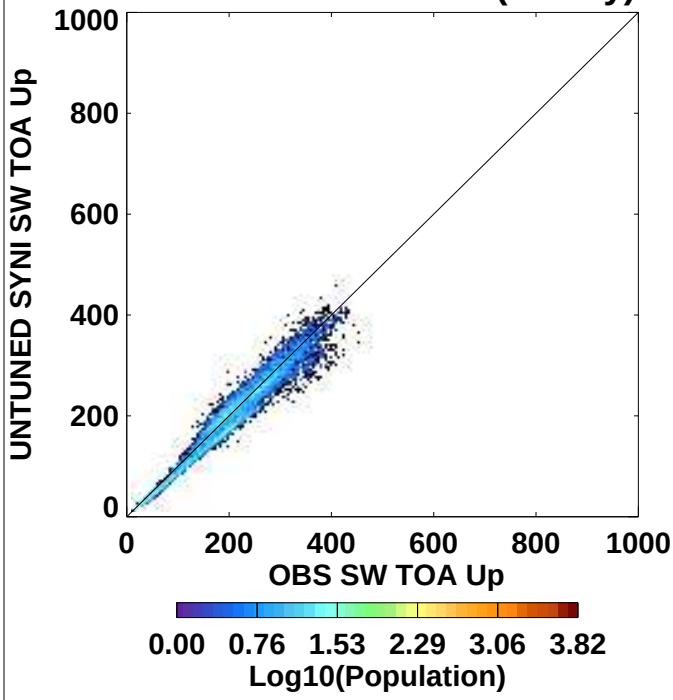
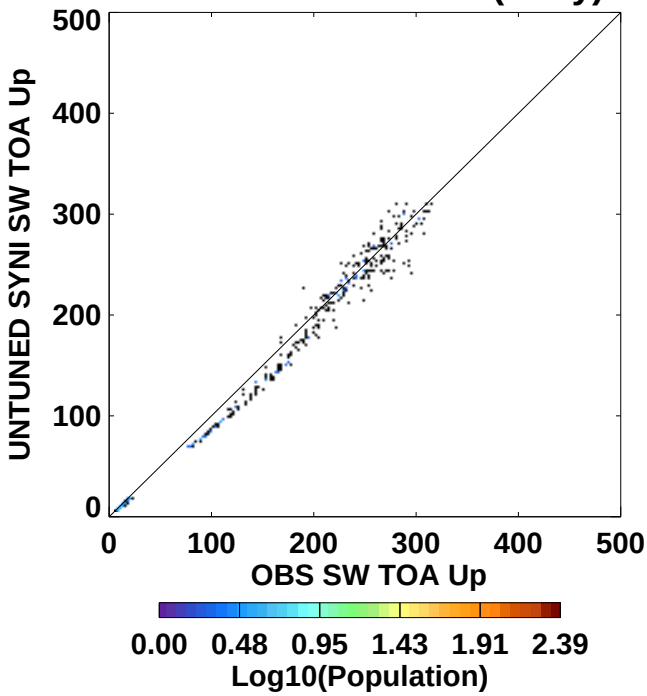
SYNI Beta4 FM1 2000:2005 /Jan,Apr,Jul,Oct: FM1 (STS validation subset)
NPH 82.500 117.500 N Polar Ice Box H

Untuned TOA SW UP(Hourly)



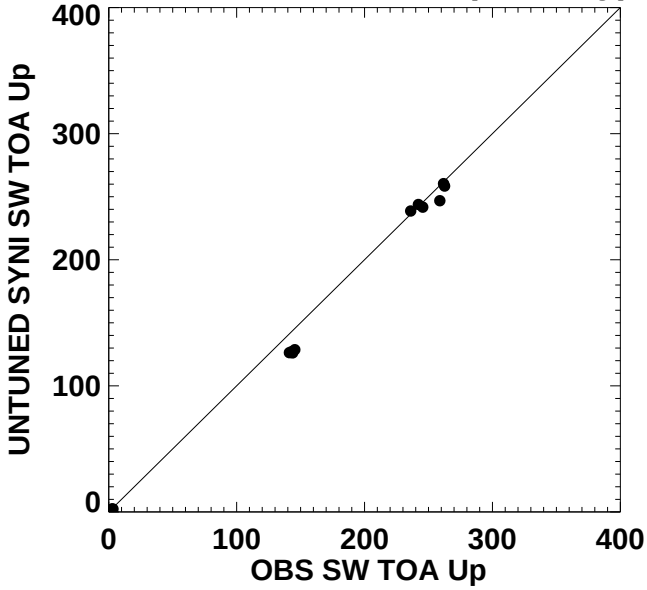
N= 14013.	Mean	(StdDev)
OBS SW TOA Up	110.0(	123.8)
UNTUNED SYNI SW TOA Up	105.8(	120.2)
Y-X	-4.16(	15.44)
RMS(	15.99).....	

Untuned TOA SW UP(Daily)



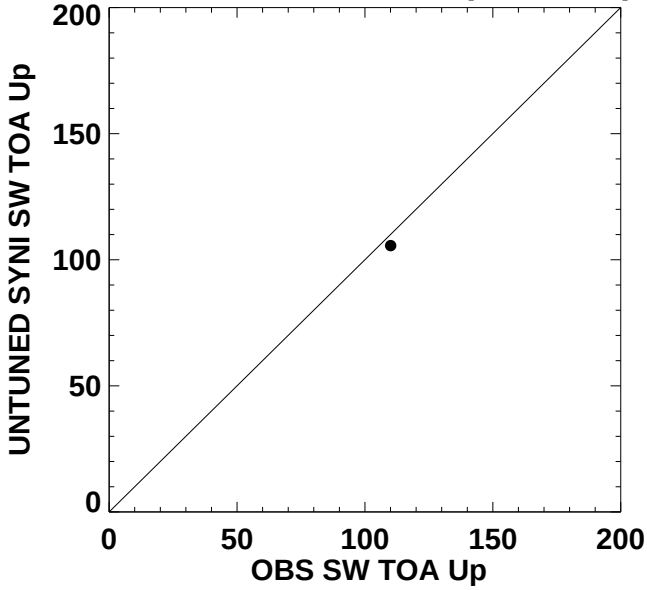
N= 581.	Mean	(StdDev)
OBS SW TOA Up	109.4(	113.7)
UNTUNED SYNI SW TOA Up	105.4(	111.9)
Y-X	-4.09(	10.26)
RMS(	11.03).....	

Untuned TOA SW UP(Monthly)



N= 19.	Mean	(StdDev)
OBS SW TOA Up	110.0(	113.3)
UNTUNED SYNI SW TOA Up	105.6(	111.3)
Y-X	-4.42(	7.00)
RMS(	8.12).....	

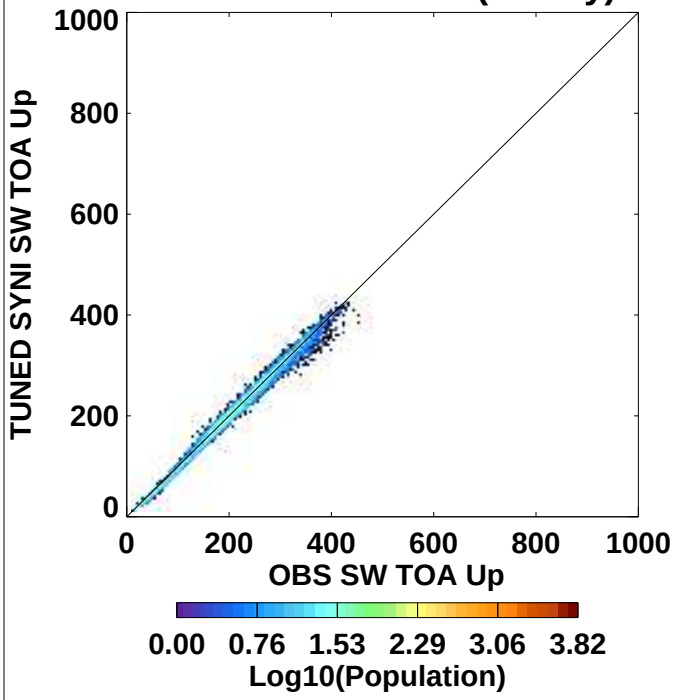
Untuned TOA SW UP(YEARLY)



N= 1.	Mean	(StdDev)
OBS SW TOA Up	110.0(	-999.0)
UNTUNED SYNI SW TOA Up	105.6(	-999.0)
Y-X	-4.42(	-999.0)
RMS(	-999.0).....	

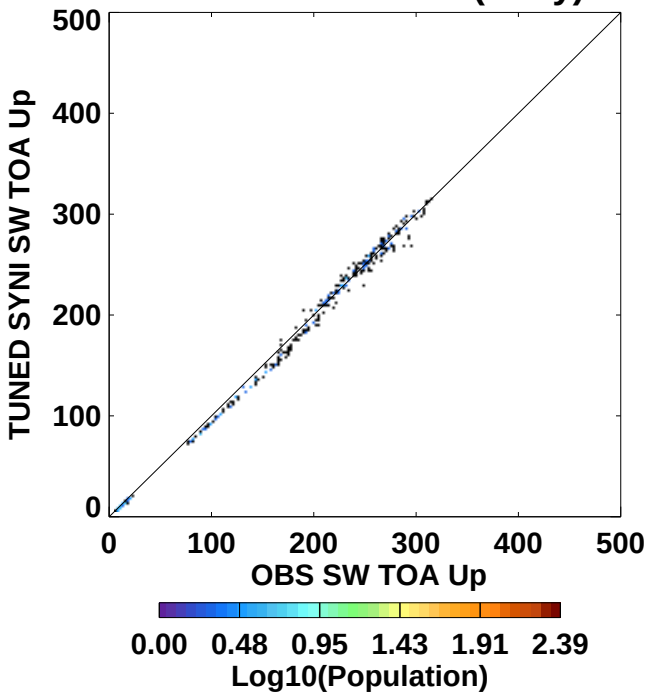
SYNI Beta4 FM1 2000:2005 /Jan,Apr,Jul,Oct: FM1 (STS validation subset)
NPH 82.500 117.500 N Polar Ice Box H

Tuned TOA SW UP(Hourly)



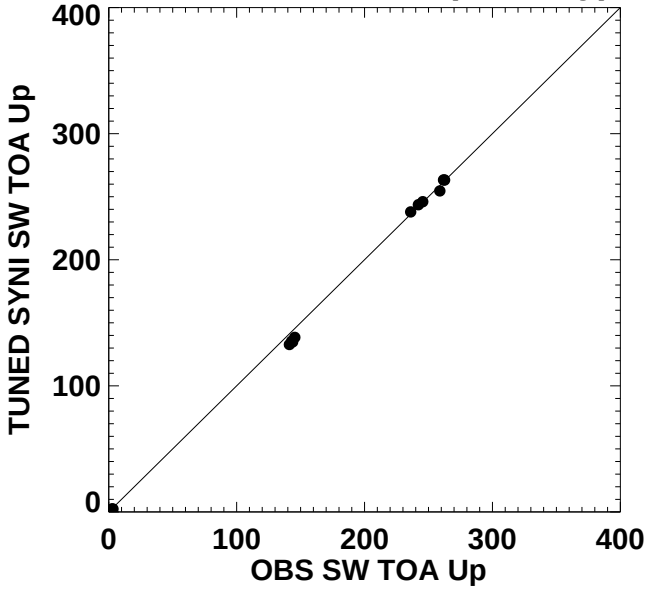
N= 14016.	Mean	(StdDev)
OBS SW TOA Up	110.0(	123.8)
TUNED SYNI SW TOA Up	108.4(	122.6)
Y-X	-1.63(	7.08)
RMS(	7.27).....	

Tuned TOA SW UP(Daily)



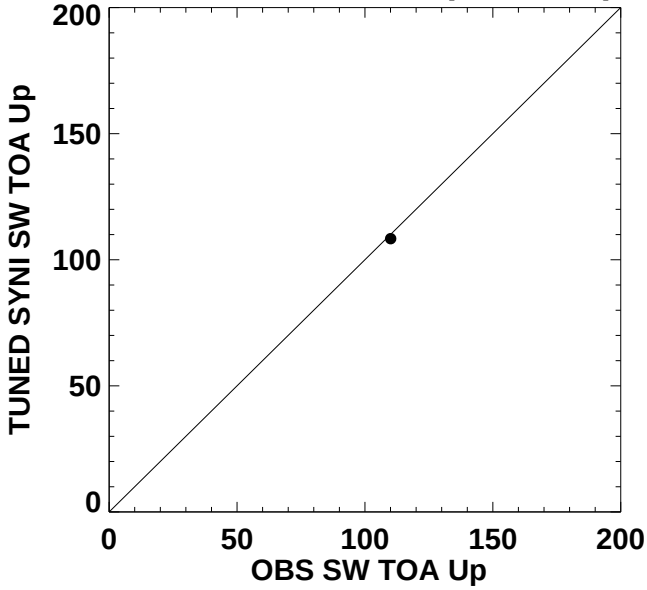
N= 584.	Mean	(StdDev)
OBS SW TOA Up	110.0(	113.7)
TUNED SYNI SW TOA Up	108.4(	113.4)
Y-X	-1.63(	4.96)
RMS(	5.22).....	

Tuned TOA SW UP(Monthly)



N= 19.	Mean	(StdDev)
OBS SW TOA Up	110.0(	113.3)
TUNED SYNI SW TOA Up	108.4(	113.1)
Y-X	-1.67(	3.59)
RMS(	3.88).....	

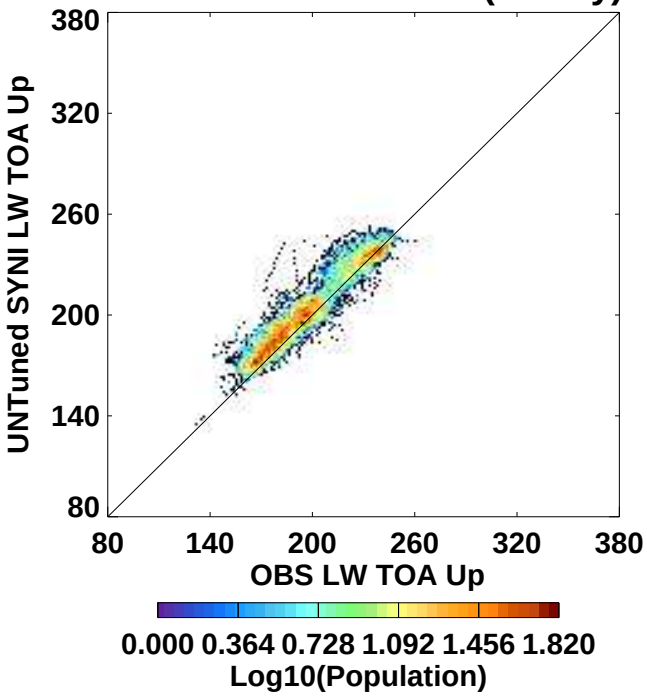
Tuned TOA SW UP(YEARLY)



N= 1.	Mean	(StdDev)
OBS SW TOA Up	110.0(	-999.0)
TUNED SYNI SW TOA Up	108.4(	-999.0)
Y-X	-1.67(	-999.0)
RMS(	-999.0).....	

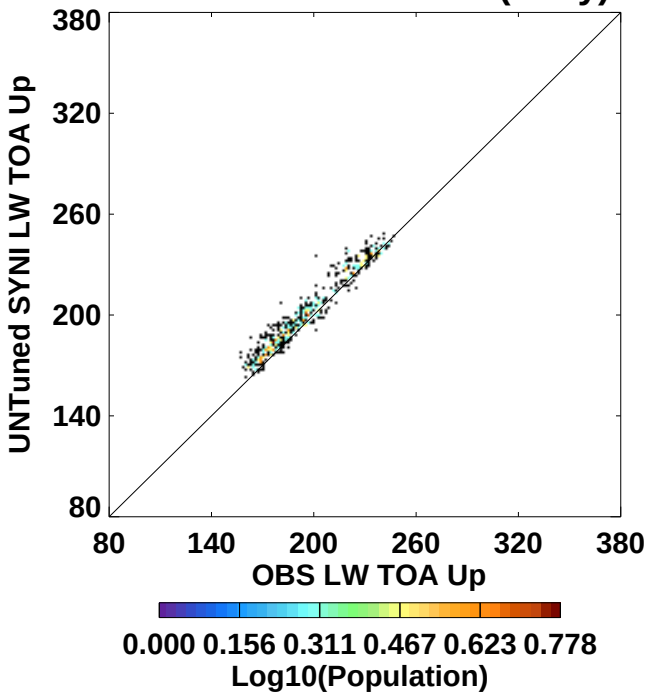
SYNI Beta4 FM1 2000:2005 /Jan,Apr,Jul,Oct: FM1 (STS validation subset)
NPH 82.500 117.500 N Polar Ice Box H

UNTuned TOA LW UP(Hourly)



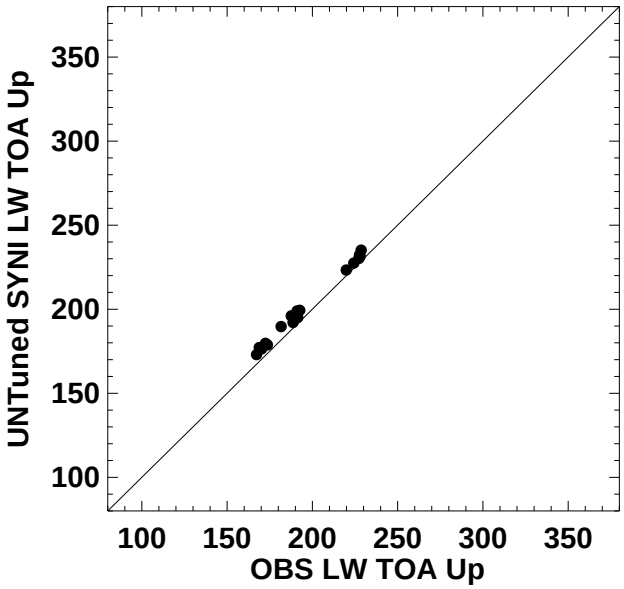
N= 14013.	Mean	(StdDev)
OBS LW TOA Up	195.9	(24.58)
UNTuned SYNI LW TOA Up	201.3	(23.32)
Y-X	5.48	(7.28)
RMS(	9.11).....	

UNTuned TOA LW UP(Daily)



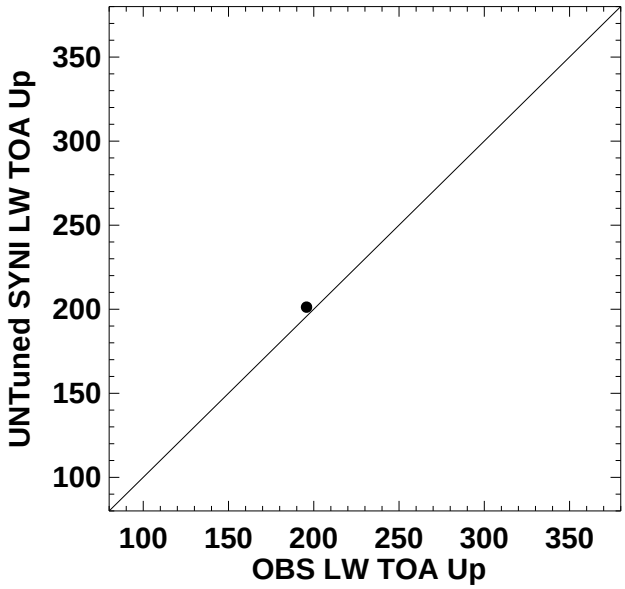
N= 581.	Mean	(StdDev)
OBS LW TOA Up	195.8	(23.81)
UNTuned SYNI LW TOA Up	201.3	(22.69)
Y-X	5.50	(5.43)
RMS(	7.73).....	

UNTuned TOA LW UP(Monthly)



N= 19.	Mean	(StdDev)
OBS LW TOA Up	195.7	(22.60)
UNTuned SYNI LW TOA Up	201.2	(21.60)
Y-X	5.51	(1.90)
RMS(	5.81).....	

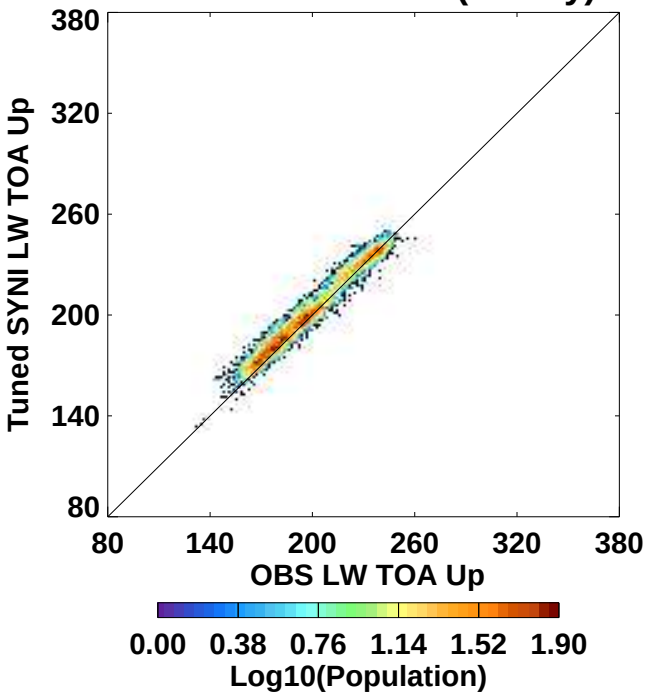
UNTuned TOA LW UP(YEARLY)



N= 1.	Mean	(StdDev)
OBS LW TOA Up	195.7	(-999.0)
UNTuned SYNI LW TOA Up	201.2	(-999.0)
Y-X	5.51	(-999.0)
RMS(	-999.0).....	

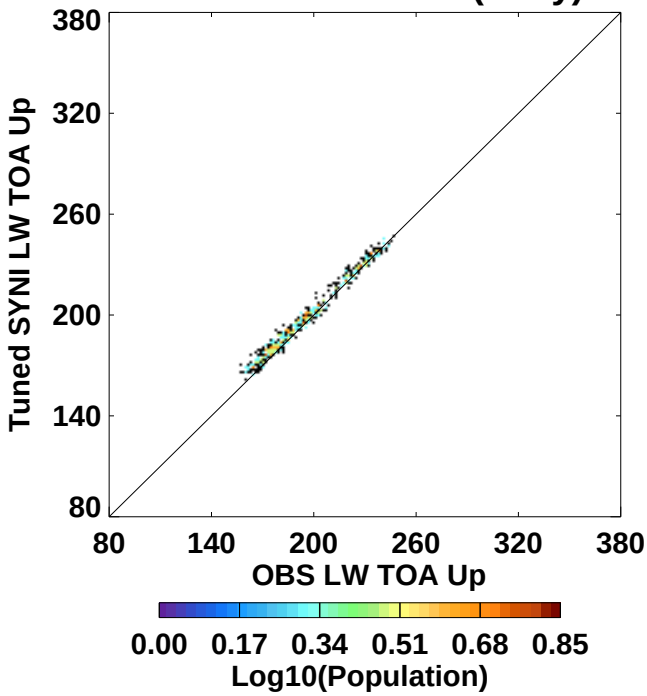
SYNI Beta4 FM1 2000:2005 /Jan,Apr,Jul,Oct: FM1 (STS validation subset)
NPH 82.500 117.500 N Polar Ice Box H

Tuned TOA LW UP(Hourly)



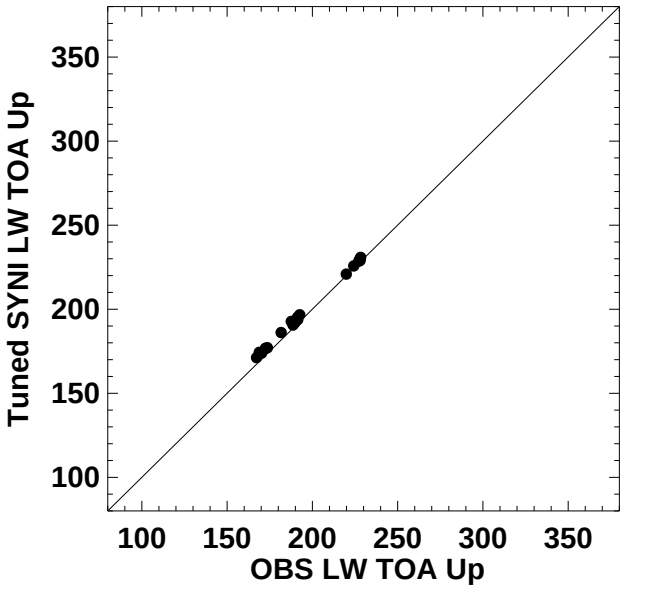
N= 14016.	Mean	(StdDev)
OBS LW TOA Up	195.9(	24.58)
Tuned SYNI LW TOA Up	198.9(	23.31)
Y-X	3.00(	4.43)
RMS(	5.35).....	

Tuned TOA LW UP(Daily)



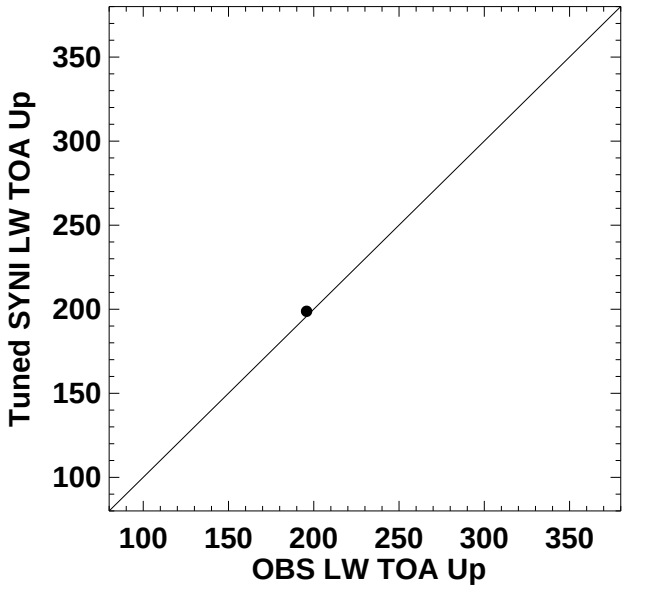
N= 584.	Mean	(StdDev)
OBS LW TOA Up	195.9(	23.77)
Tuned SYNI LW TOA Up	198.9(	22.55)
Y-X	3.00(	3.21)
RMS(	4.39).....	

Tuned TOA LW UP(Monthly)



N= 19.	Mean	(StdDev)
OBS LW TOA Up	195.8(	22.56)
Tuned SYNI LW TOA Up	198.8(	21.50)
Y-X	3.00(	1.39)
RMS(	3.30).....	

Tuned TOA LW UP(YEARLY)



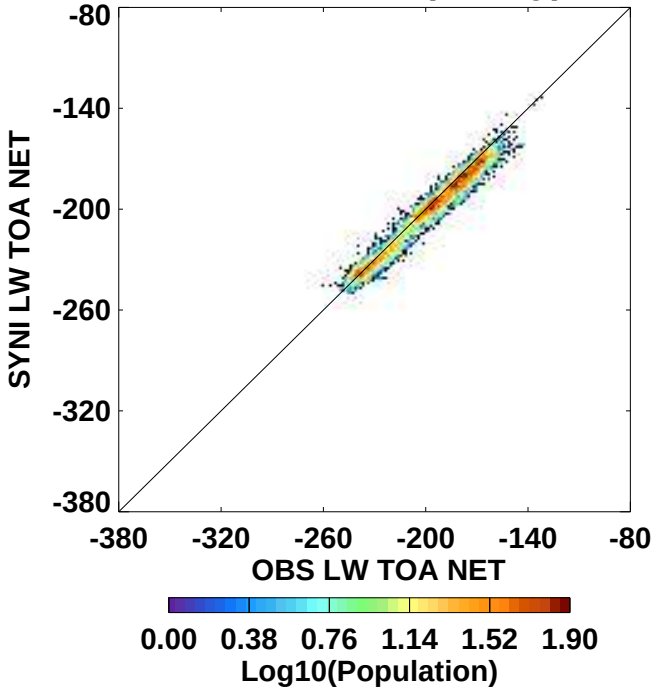
N= 1.	Mean	(StdDev)
OBS LW TOA Up	195.8(	-999.0)
Tuned SYNI LW TOA Up	198.8(	-999.0)
Y-X	3.00(	-999.0)
RMS(	-999.0).....	

SYNI Beta4 FM1 2000:2005 /Jan,Apr,Jul,Oct: FM1 (STS validation subset)
NPH 82.500 117.500 N Polar Ice Box H

SYNI Beta4 FM1 2000:2005 /Jan,Apr,Jul,Oct: FM1 (STS validation subset)
NPH 82.500 117.500 N Polar Ice Box H

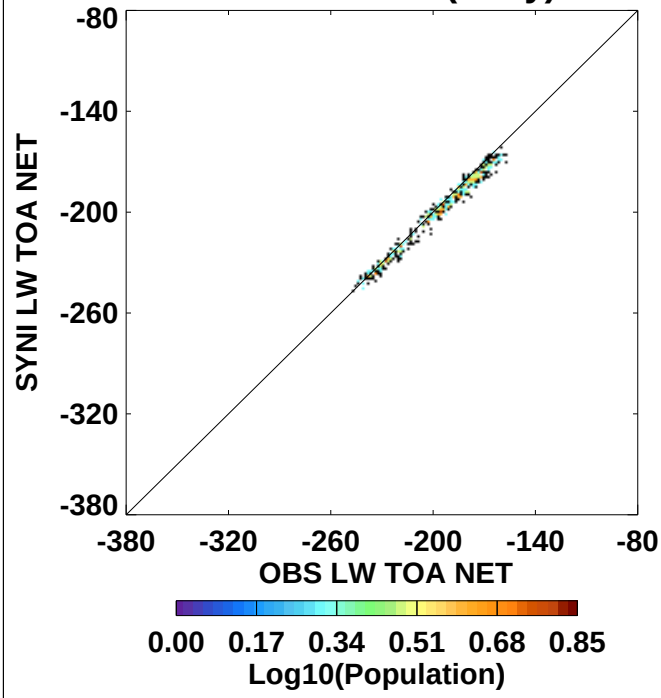
SYNI Beta4 FM1 2000:2005 /Jan,Apr,Jul,Oct: FM1 (STS validation subset)
NPH 82.500 117.500 N Polar Ice Box H

TOA LW NET(Hourly)



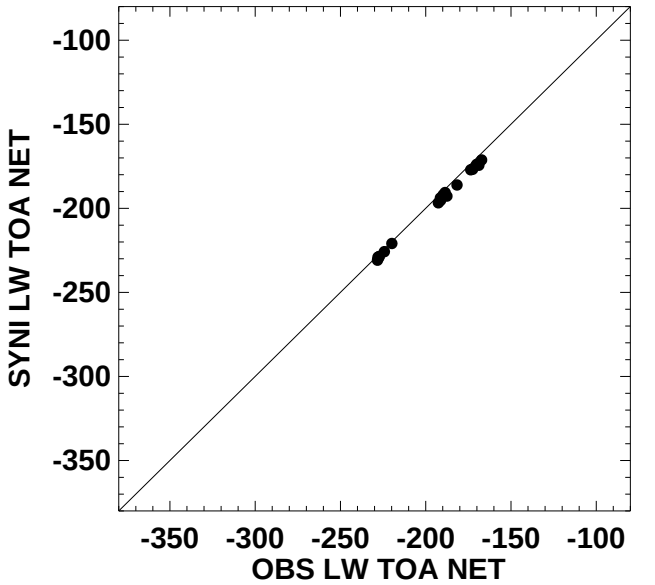
N= 14016.	Mean	(StdDev)
OBS LW TOA NET	-195.9(	24.58)
SYNI LW TOA NET	-198.9(	23.31)
Y-X	-3.00(	4.43)
RMS(	5.35).....	

TOA LW NET(Daily)



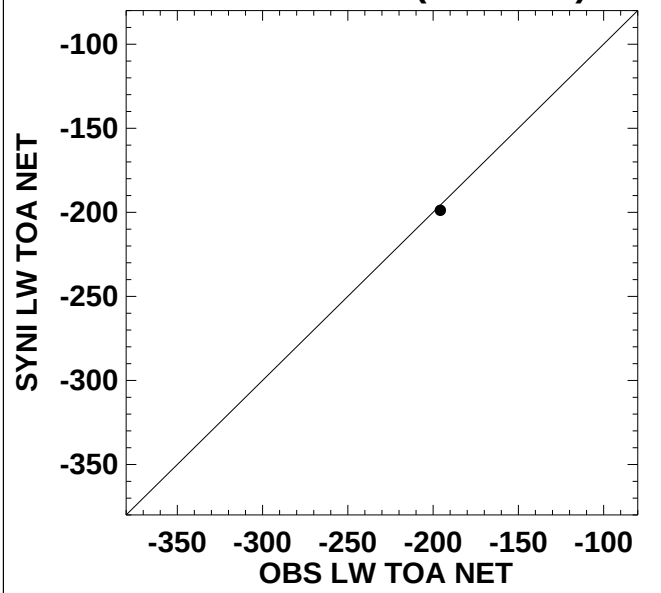
N= 584.	Mean	(StdDev)
OBS LW TOA NET	-195.9(	23.77)
SYNI LW TOA NET	-198.9(	22.55)
Y-X	-3.00(	3.21)
RMS(	4.39).....	

TOA LW NET(Monthly)



N= 19.	Mean	(StdDev)
OBS LW TOA NET	-195.8(	22.56)
SYNI LW TOA NET	-198.8(	21.50)
Y-X	-3.00(	1.39)
RMS(	3.30).....	

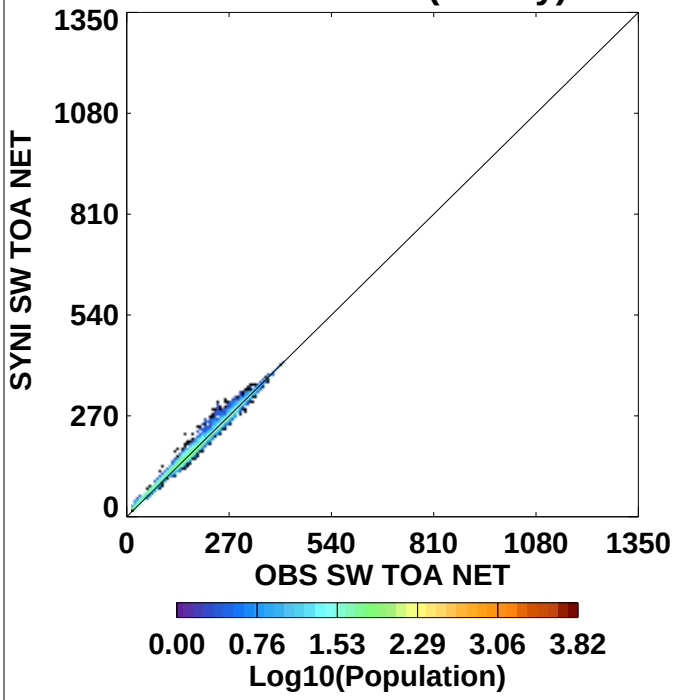
TOA LW NET(YEARLY)



N= 1.	Mean	(StdDev)
OBS LW TOA NET	-195.8(	-999.0)
SYNI LW TOA NET	-198.8(	-999.0)
Y-X	-3.00(	-999.0)
RMS(	-999.0).....	

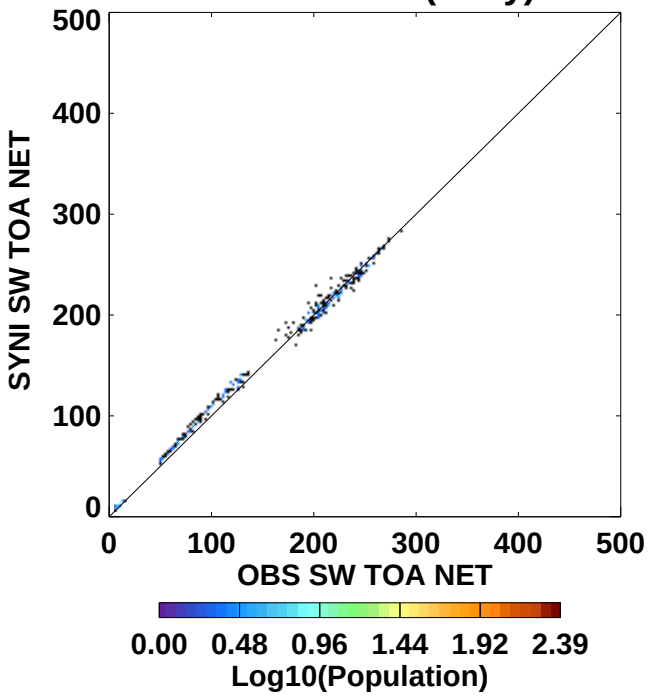
SYNI Beta4 FM1 2000:2005 /Jan,Apr,Jul,Oct: FM1 (STS validation subset)
NPH 82.500 117.500 N Polar Ice Box H

SW TOA NET(Hourly)



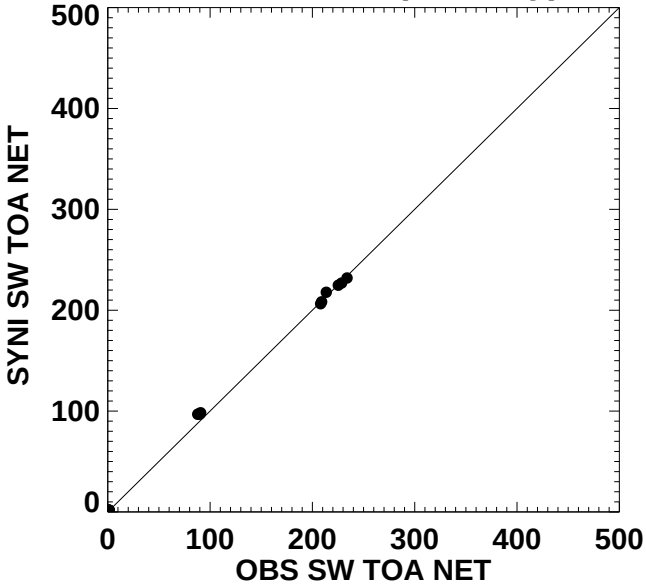
N= 13994.	Mean	(StdDev)
OBS SW TOA NET	88.75	(105.1)
SYNI SW TOA NET	90.38	(105.5)
Y-X	1.63	(7.09)
RMS	(7.27)	.....

SW TOA NET(Daily)



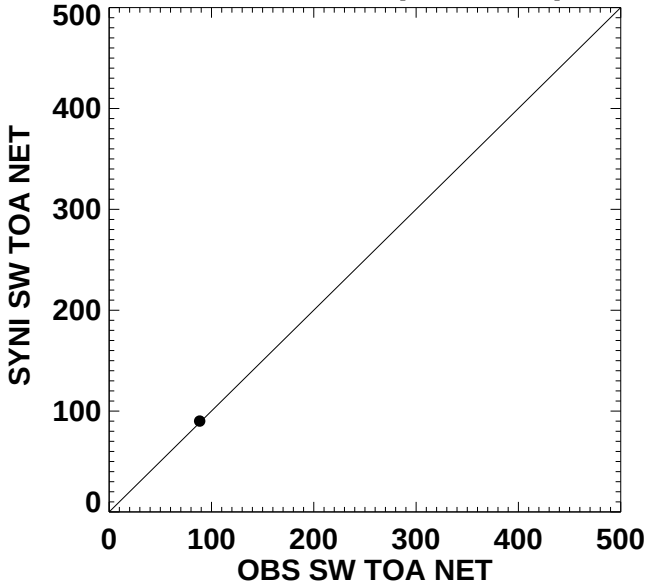
N= 584.	Mean	(StdDev)
OBS SW TOA NET	88.61	(97.62)
SYNI SW TOA NET	90.24	(97.42)
Y-X	1.63	(4.96)
RMS	(5.22)	.....

SW TOA NET(Monthly)



N= 19.	Mean	(StdDev)
OBS SW TOA NET	88.47	(98.18)
SYNI SW TOA NET	90.14	(97.99)
Y-X	1.67	(3.59)
RMS	(3.88)	.....

SW TOA NET(YEARLY)



N= 1.	Mean	(StdDev)
OBS SW TOA NET	88.47	(-999.0)
SYNI SW TOA NET	90.14	(-999.0)
Y-X	1.67	(-999.0)
RMS	(-999.0)	.....

SYNI Beta4 FM1 2000:2005 /Jan,Apr,Jul,Oct: FM1 (STS validation subset)
NPH 82.500 117.500 N Polar Ice Box H

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)
NPH 82.500 117.500 N Polar Ice Box H