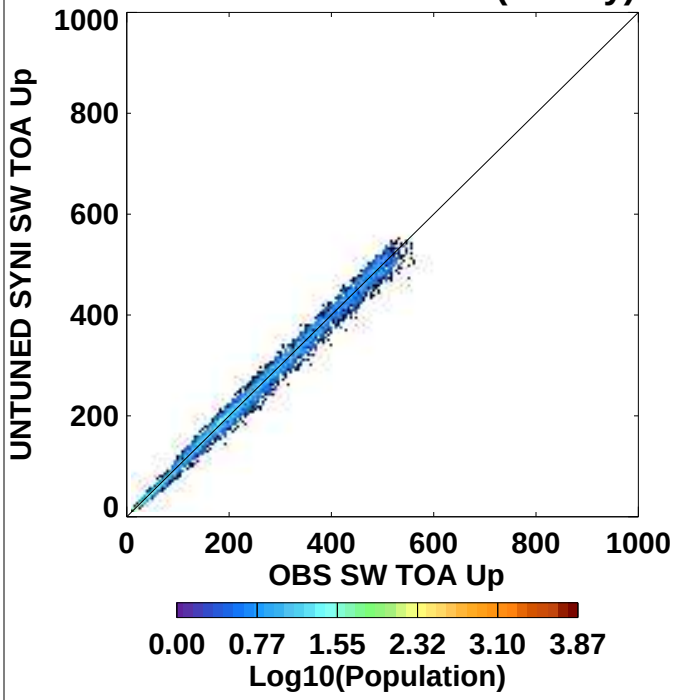
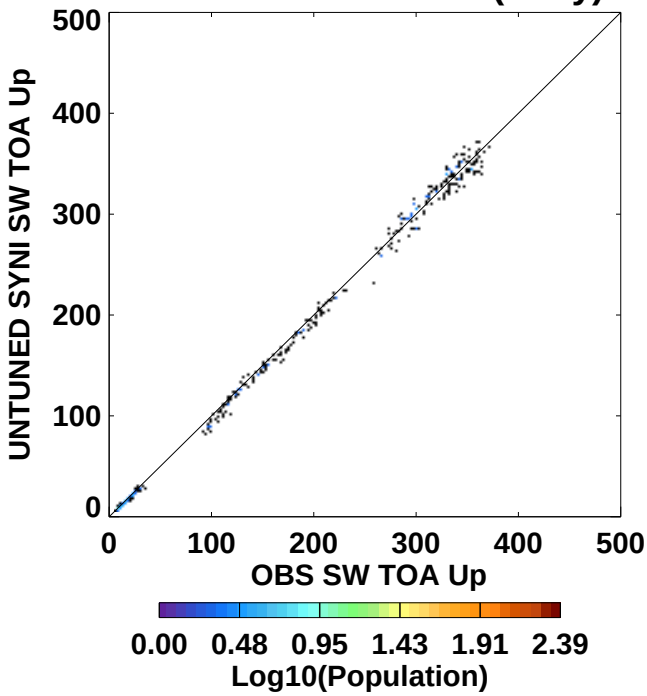
SYNI Beta4 FM1 2000:2005 /Jan,Apr,Jul,Oct: FM1 (STS validation subset)
SPH-78.500 179.500 S Polar Ice Box F

Untuned TOA SW UP(Hourly)



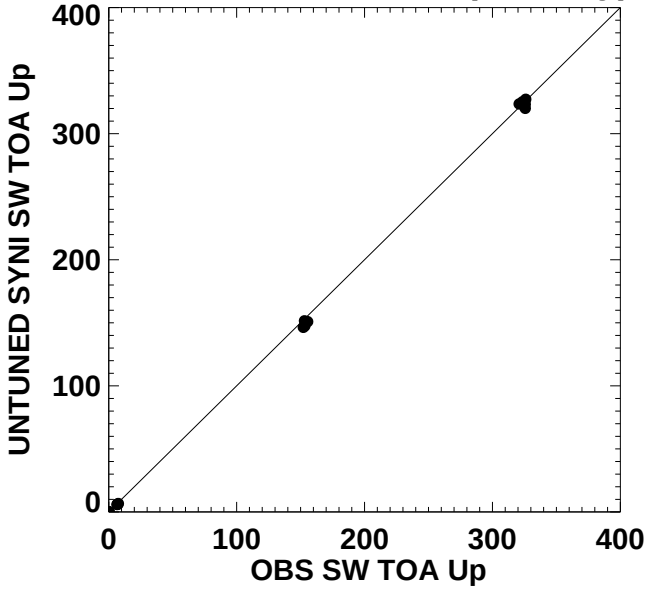
N= 13999.	Mean	(StdDev)
OBS SW TOA Up	120.0	(161.9)
UNTUNED SYNI SW TOA Up	118.9	(160.9)
Y-X	-1.12	(8.62)
RMS	(8.70)	.....

Untuned TOA SW UP(Daily)



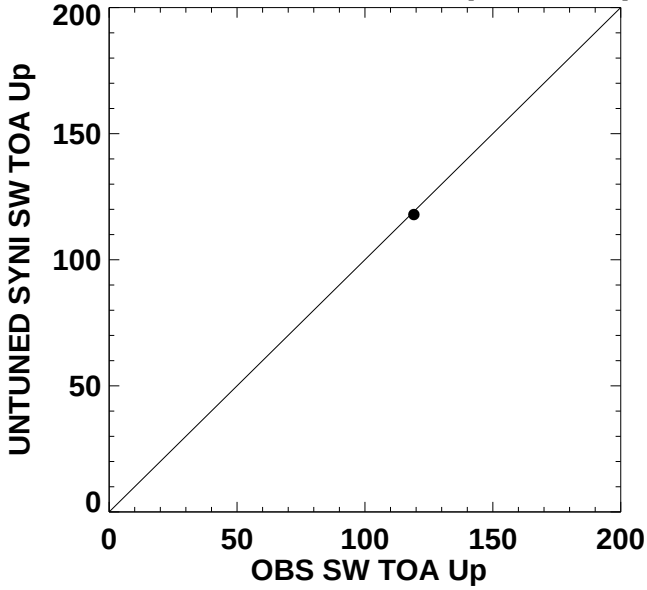
N= 573.	Mean	(StdDev)
OBS SW TOA Up	118.7	(137.9)
UNTUNED SYNI SW TOA Up	117.6	(137.7)
Y-X	-1.10	(5.77)
RMS	(5.87)	.....

Untuned TOA SW UP(Monthly)



N= 19.	Mean	(StdDev)
OBS SW TOA Up	119.1	(139.6)
UNTUNED SYNI SW TOA Up	117.9	(139.3)
Y-X	-1.17	(2.51)
RMS	(2.71)	.....

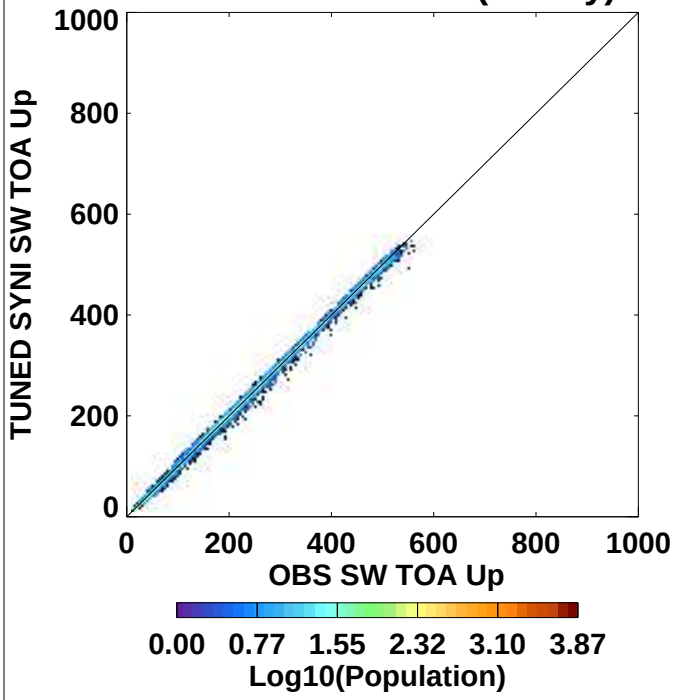
Untuned TOA SW UP(YEARLY)



N= 1.	Mean	(StdDev)
OBS SW TOA Up	119.1	(-999.0)
UNTUNED SYNI SW TOA Up	117.9	(-999.0)
Y-X	-1.17	(-999.0)
RMS	(-999.0)	.....

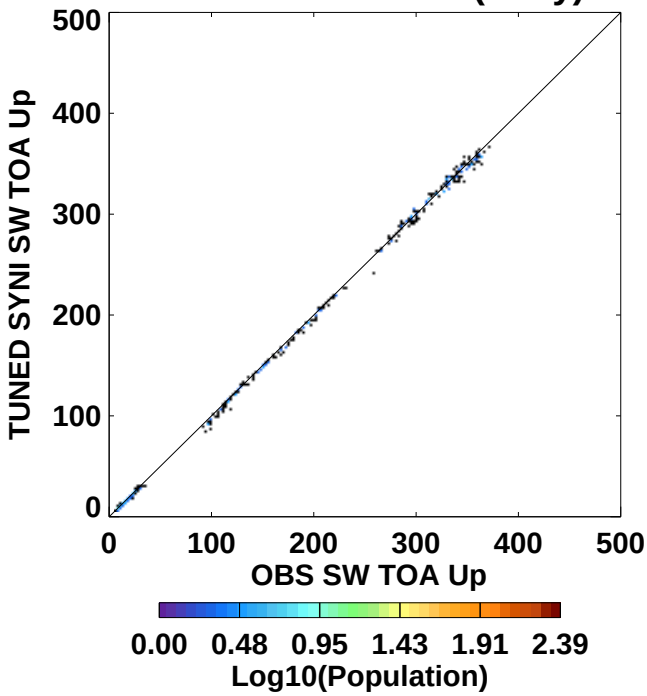
SYNI Beta4 FM1 2000:2005 /Jan,Apr,Jul,Oct: FM1 (STS validation subset)
SPH-78.500 179.500 S Polar Ice Box F

Tuned TOA SW UP(Hourly)



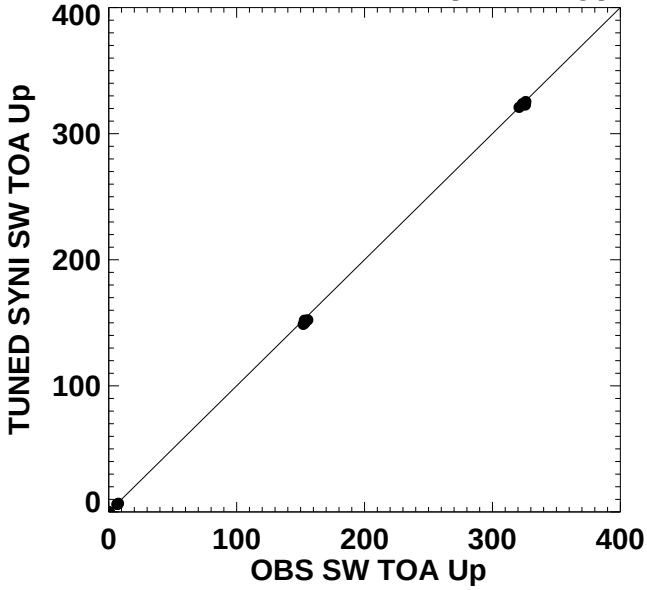
N= 14006.	Mean	(StdDev)
OBS SW TOA Up	120.1	(162.0)
TUNED SYNI SW TOA Up	119.3	(161.2)
Y-X	-0.860	(4.39)
RMS(	4.48).....	

Tuned TOA SW UP(Daily)



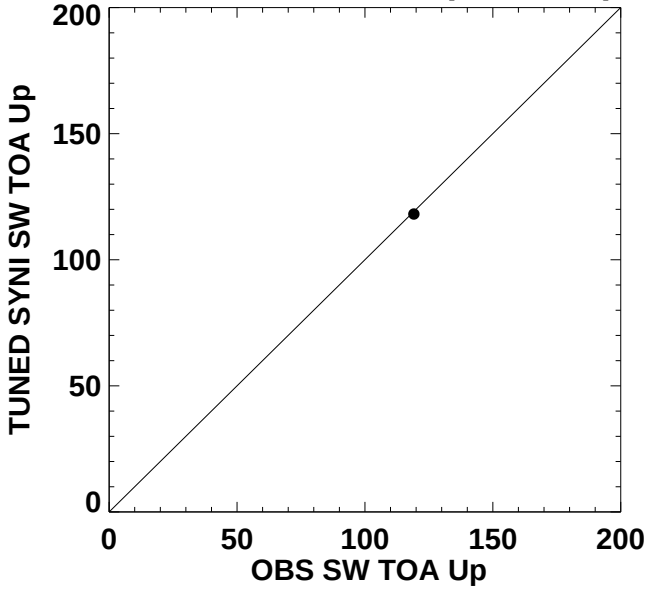
N= 578.	Mean	(StdDev)
OBS SW TOA Up	120.1	(138.4)
TUNED SYNI SW TOA Up	119.3	(138.0)
Y-X	-0.871	(2.89)
RMS(	3.01).....	

Tuned TOA SW UP(Monthly)



N= 19.	Mean	(StdDev)
OBS SW TOA Up	119.1	(139.6)
TUNED SYNI SW TOA Up	118.2	(139.1)
Y-X	-0.960	(1.28)
RMS(	1.57).....	

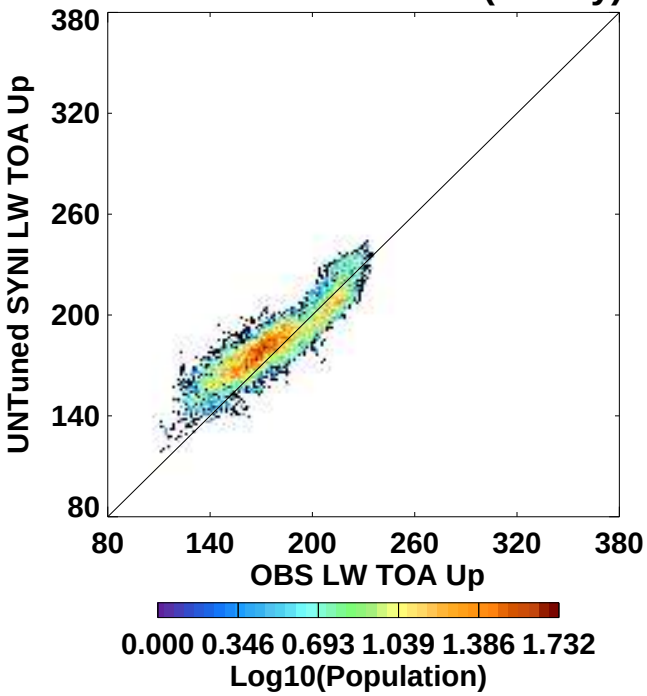
Tuned TOA SW UP(YEARLY)



N= 1.	Mean	(StdDev)
OBS SW TOA Up	119.1	(-999.0)
TUNED SYNI SW TOA Up	118.2	(-999.0)
Y-X	-0.960	(-999.0)
RMS(	-999.0).....	

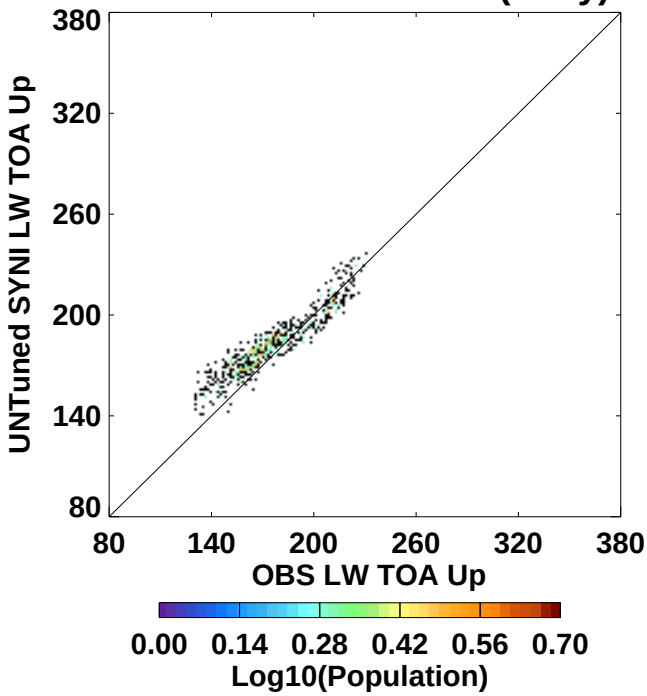
SYNI Beta4 FM1 2000:2005 /Jan,Apr,Jul,Oct: FM1 (STS validation subset)
SPH-78.500 179.500 S Polar Ice Box F

UNTuned TOA LW UP(Hourly)



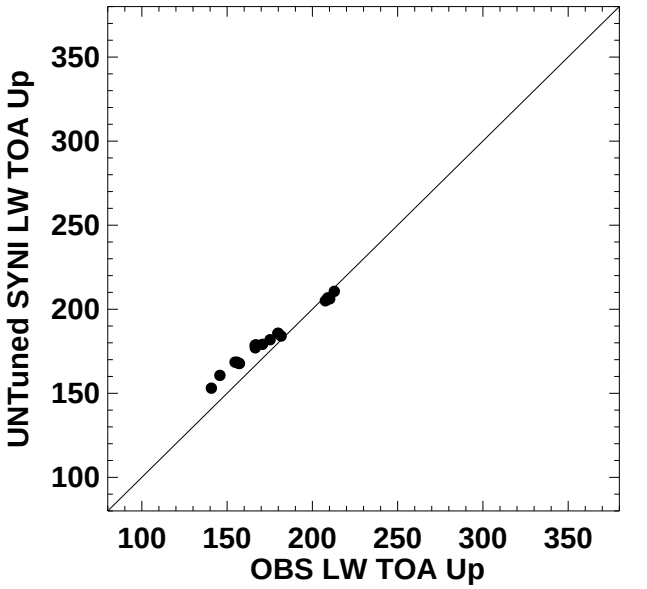
N= 13999.	Mean	(StdDev)
OBS LW TOA Up	176.1(	25.38)
UNTuned SYNI LW TOA Up	182.6(	20.04)
Y-X	6.51(	10.77)
RMS(	12.58).....	

UNTuned TOA LW UP(Daily)



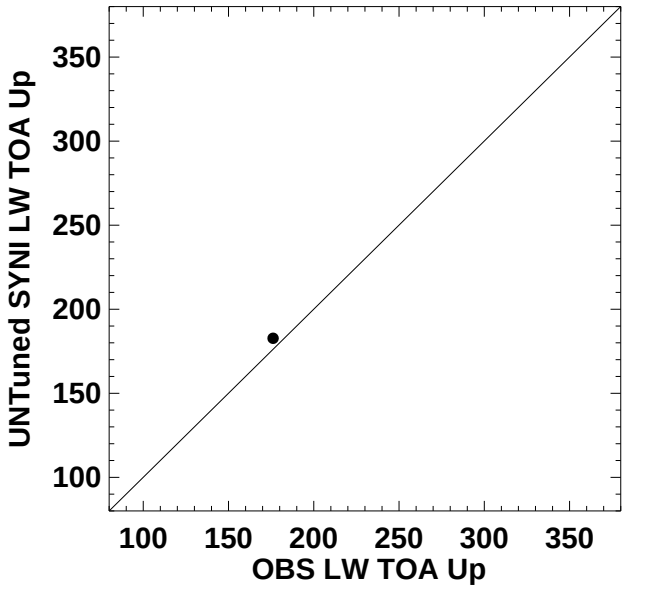
N= 573.	Mean	(StdDev)
OBS LW TOA Up	176.0(	24.54)
UNTuned SYNI LW TOA Up	182.6(	19.00)
Y-X	6.59(	9.32)
RMS(	11.41).....	

UNTuned TOA LW UP(Monthly)



N= 19.	Mean	(StdDev)
OBS LW TOA Up	176.1(	23.30)
UNTuned SYNI LW TOA Up	182.7(	17.08)
Y-X	6.57(	6.51)
RMS(	9.13).....	

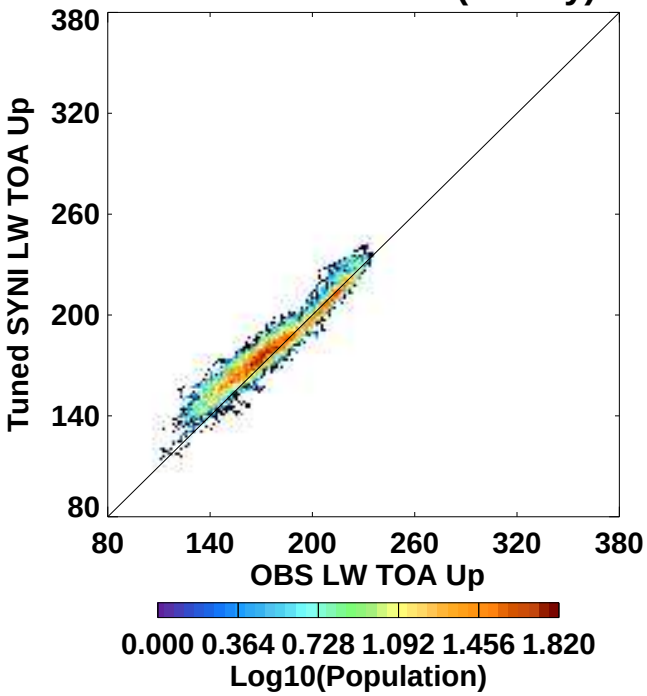
UNTuned TOA LW UP(YEARLY)



N= 1.	Mean	(StdDev)
OBS LW TOA Up	176.1(	-999.0)
UNTuned SYNI LW TOA Up	182.7(	-999.0)
Y-X	6.57(	-999.0)
RMS(	-999.0).....	

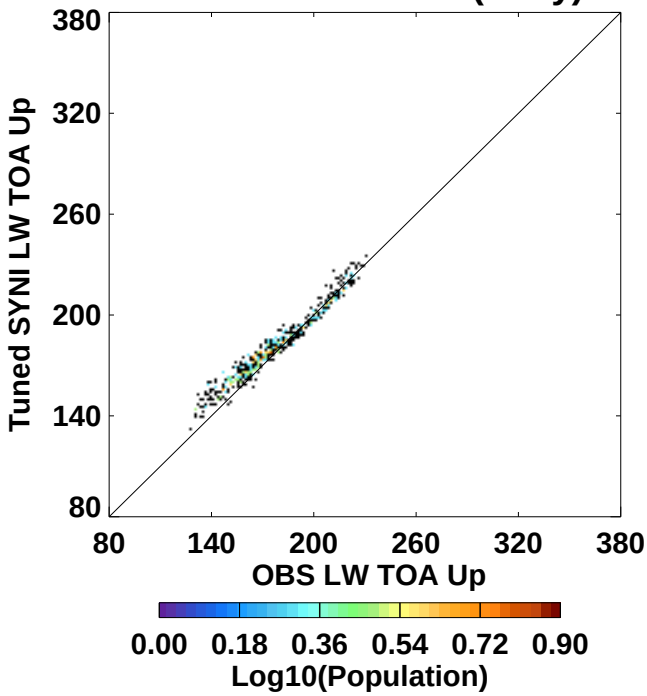
SYNI Beta4 FM1 2000:2005 /Jan,Apr,Jul,Oct: FM1 (STS validation subset)
SPH-78.500 179.500 S Polar Ice Box F

Tuned TOA LW UP(Hourly)



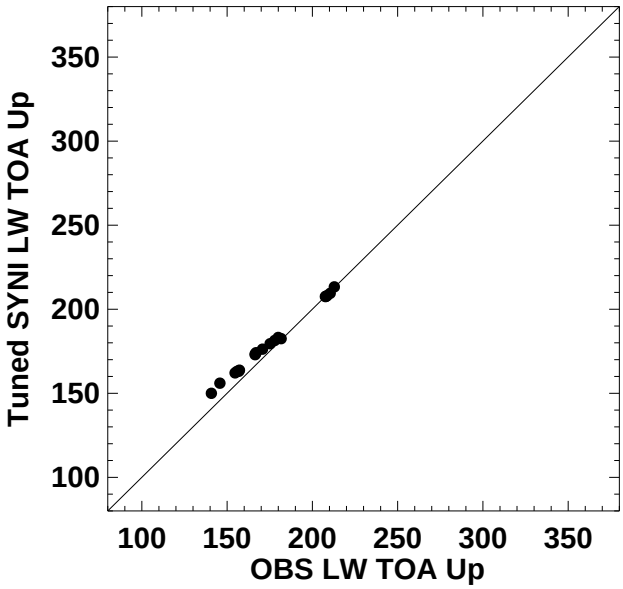
N= 14006.	Mean	(StdDev)
OBS LW TOA Up	176.1(	25.39)
Tuned SYNI LW TOA Up	180.5(	22.14)
Y-X	4.38(	6.57)
RMS(	7.89).....	

Tuned TOA LW UP(Daily)



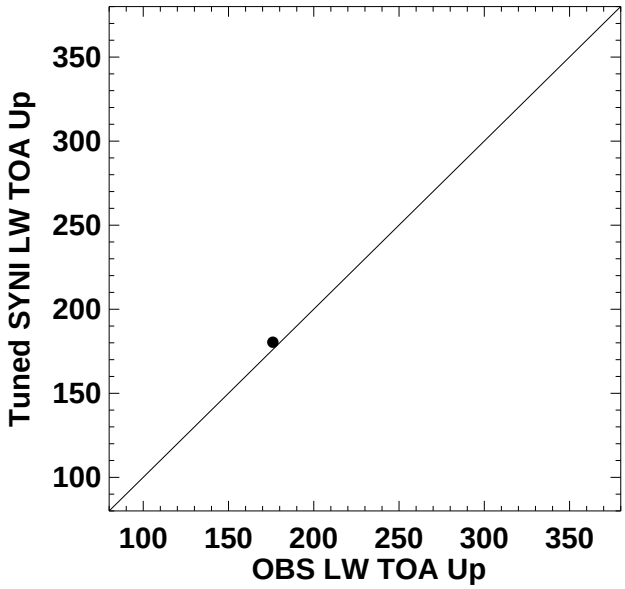
N= 578.	Mean	(StdDev)
OBS LW TOA Up	176.1(	24.64)
Tuned SYNI LW TOA Up	180.5(	21.36)
Y-X	4.37(	5.51)
RMS(	7.02).....	

Tuned TOA LW UP(Monthly)



N= 19.	Mean	(StdDev)
OBS LW TOA Up	176.0(	23.23)
Tuned SYNI LW TOA Up	180.4(	19.83)
Y-X	4.39(	3.57)
RMS(	5.60).....	

Tuned TOA LW UP(YEARLY)



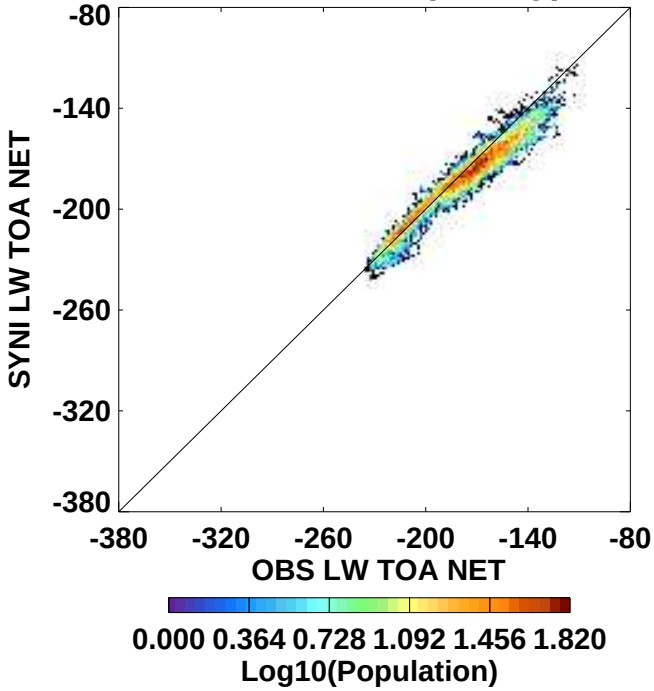
N= 1.	Mean	(StdDev)
OBS LW TOA Up	176.0(	-999.0)
Tuned SYNI LW TOA Up	180.4(	-999.0)
Y-X	4.39(	-999.0)
RMS(	-999.0).....	

SYNI Beta4 FM1 2000:2005 /Jan,Apr,Jul,Oct: FM1 (STS validation subset)
SPH-78.500 179.500 S Polar Ice Box F

SYNI Beta4 FM1 2000:2005 /Jan,Apr,Jul,Oct: FM1 (STS validation subset)
SPH-78.500 179.500 S Polar Ice Box F

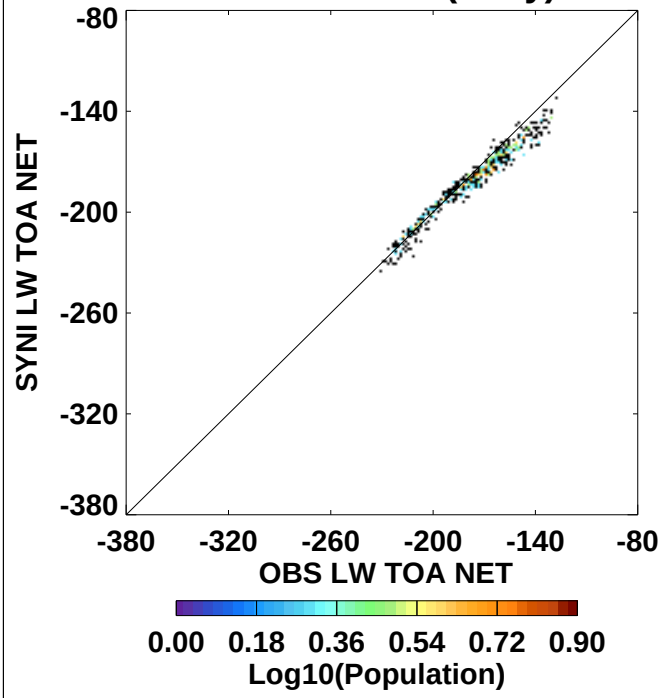
SYNI Beta4 FM1 2000:2005 /Jan,Apr,Jul,Oct: FM1 (STS validation subset)
SPH-78.500 179.500 S Polar Ice Box F

TOA LW NET(Hourly)



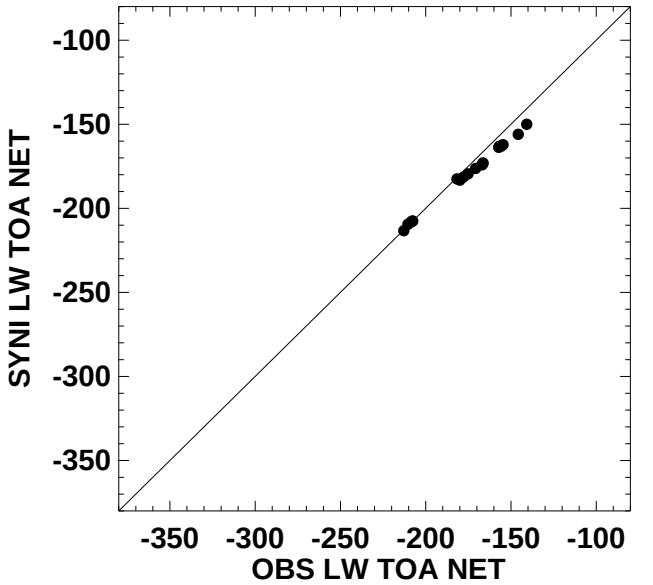
N= 14006.	Mean	(StdDev)
OBS LW TOA NET	-176.1(	25.39)
SYNI LW TOA NET	-180.5(	22.14)
Y-X	-4.38(	6.57)
RMS(	7.89).....	

TOA LW NET(Daily)



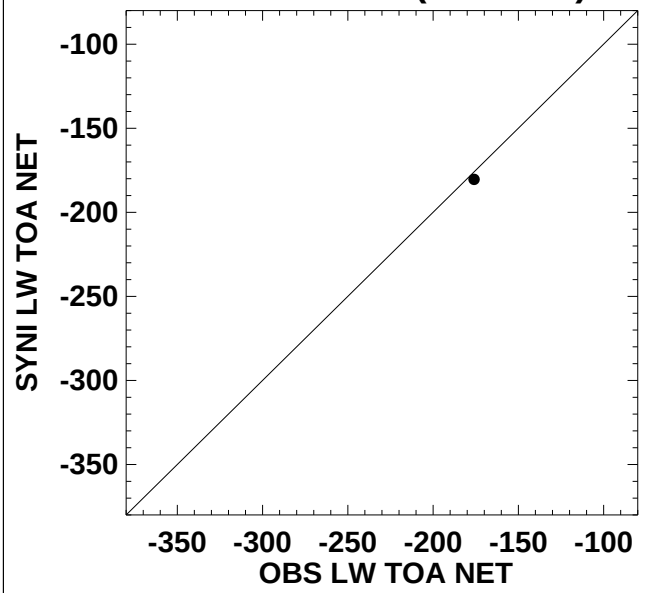
N= 578.	Mean	(StdDev)
OBS LW TOA NET	-176.1(	24.64)
SYNI LW TOA NET	-180.5(	21.36)
Y-X	-4.37(	5.51)
RMS(	7.02).....	

TOA LW NET(Monthly)



N= 19.	Mean	(StdDev)
OBS LW TOA NET	-176.0(	23.23)
SYNI LW TOA NET	-180.4(	19.83)
Y-X	-4.39(	3.57)
RMS(	5.60).....	

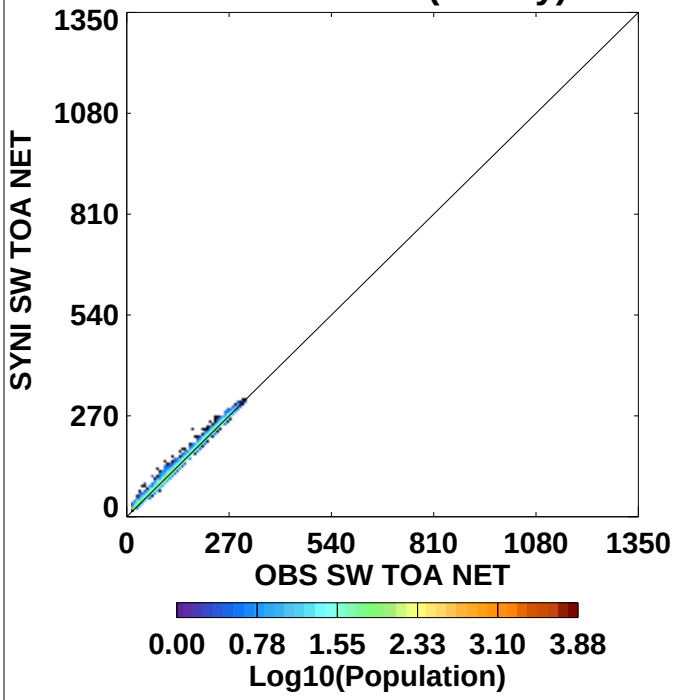
TOA LW NET(YEARLY)



N= 1.	Mean	(StdDev)
OBS LW TOA NET	-176.0(	-999.0)
SYNI LW TOA NET	-180.4(	-999.0)
Y-X	-4.39(	-999.0)
RMS(	-999.0).....	

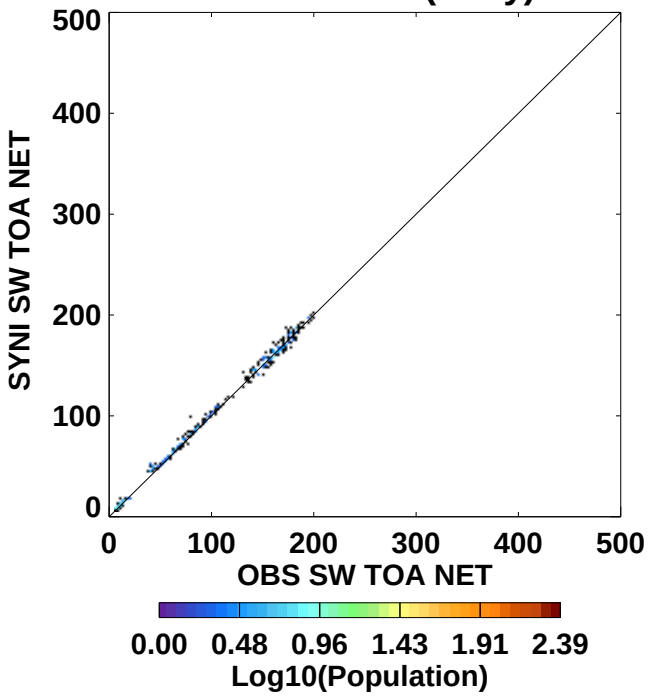
SYNI Beta4 FM1 2000:2005 /Jan,Apr,Jul,Oct: FM1 (STS validation subset)
SPH-78.500 179.500 S Polar Ice Box F

SW TOA NET(Hourly)



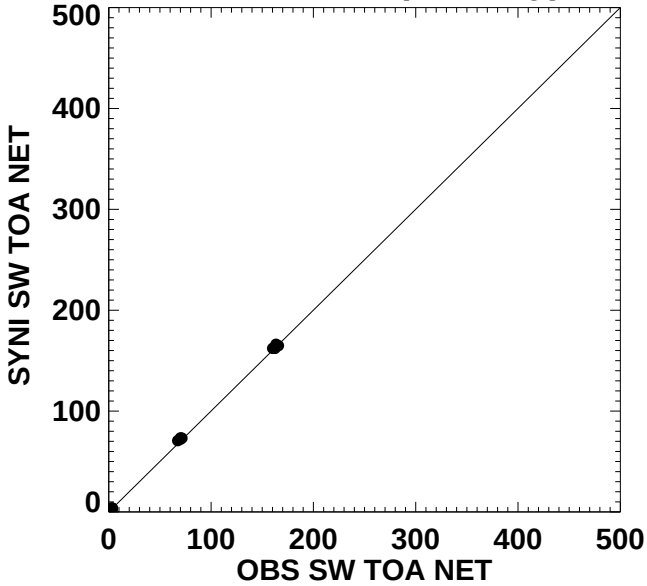
N= 13967.	Mean	(StdDev)
OBS SW TOA NET	58.89	(80.84)
SYNI SW TOA NET	59.75	(81.40)
Y-X	0.863	(4.40)
RMS	(4.48)	.....

SW TOA NET(Daily)



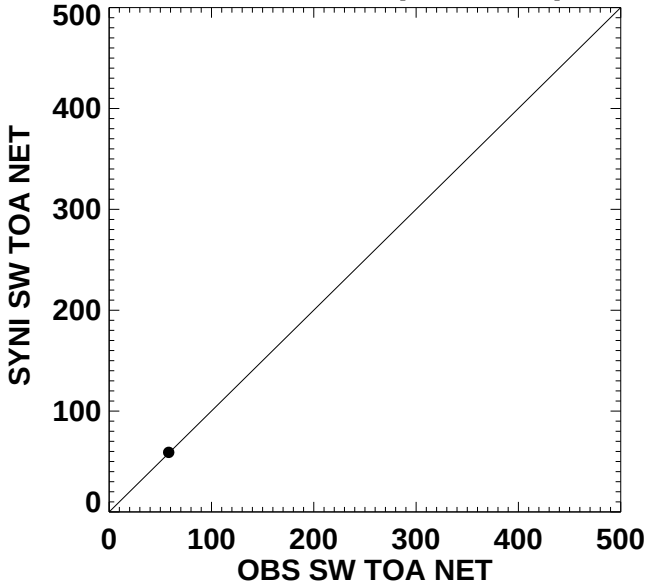
N= 577.	Mean	(StdDev)
OBS SW TOA NET	58.85	(69.39)
SYNI SW TOA NET	59.72	(69.72)
Y-X	0.873	(2.89)
RMS	(3.02)	.....

SW TOA NET(Monthly)



N= 19.	Mean	(StdDev)
OBS SW TOA NET	58.20	(69.78)
SYNI SW TOA NET	59.06	(70.14)
Y-X	0.863	(1.28)
RMS	(1.52)	.....

SW TOA NET(YEARLY)



N= 1.	Mean	(StdDev)
OBS SW TOA NET	58.20	(-999.0)
SYNI SW TOA NET	59.06	(-999.0)
Y-X	0.863	(-999.0)
RMS	(-999.0)	.....

SYNI Beta4 FM1 2000:2005 /Jan,Apr,Jul,Oct: FM1 (STS validation subset)
SPH-78.500 179.500 S Polar Ice Box F

SYNI Beta4 FM1 2000:2005 /Jan,Apr,Jul,Oct: FM1 (STS validation subset)
SPH-78.500 179.500 S Polar Ice Box F

SYNI Beta4 FM1 2000:2005 /Jan,Apr,Jul,Oct: FM1 (STS validation subset)
SPH-78.500 179.500 S Polar Ice Box F