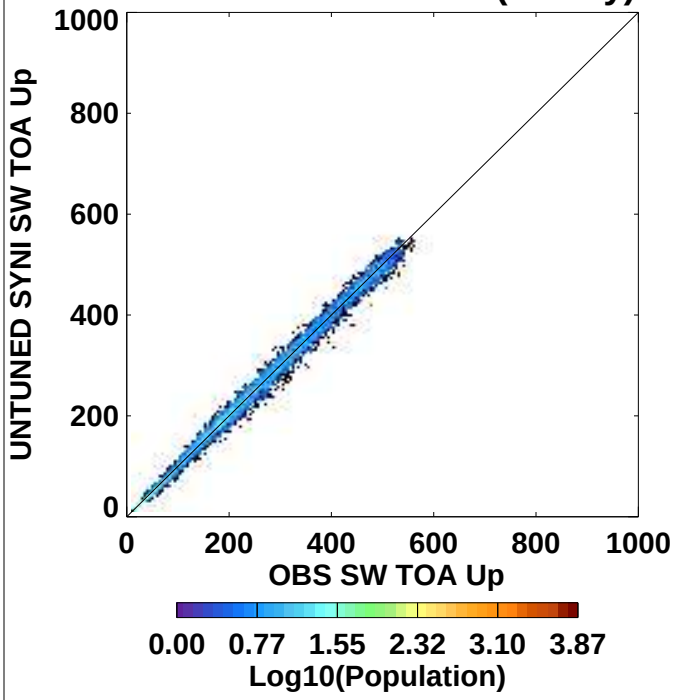
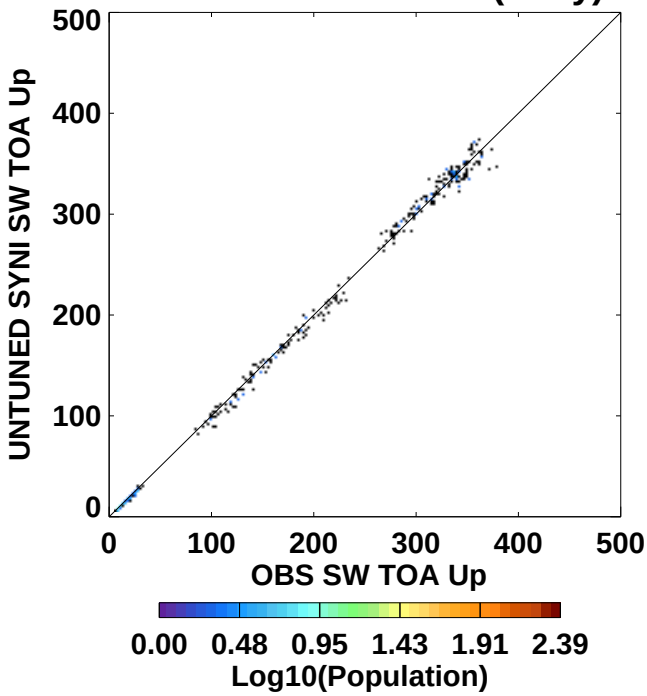
SYNI Beta4 FM1 2000:2005 /Jan,Apr,Jul,Oct: FM1 (STS validation subset)
SPE-78.500 309.500 S Polar Ice Box E

Untuned TOA SW UP(Hourly)



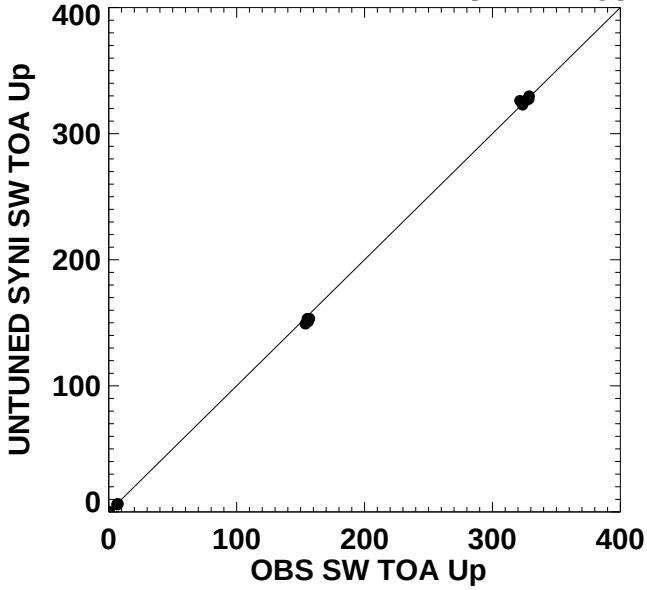
N= 14005.	Mean	(StdDev)
OBS SW TOA Up	120.8	(163.0)
UNTUNED SYNI SW TOA Up	120.2	(162.4)
Y-X	-0.597	(8.02)
RMS(	8.05).....	

Untuned TOA SW UP(Daily)



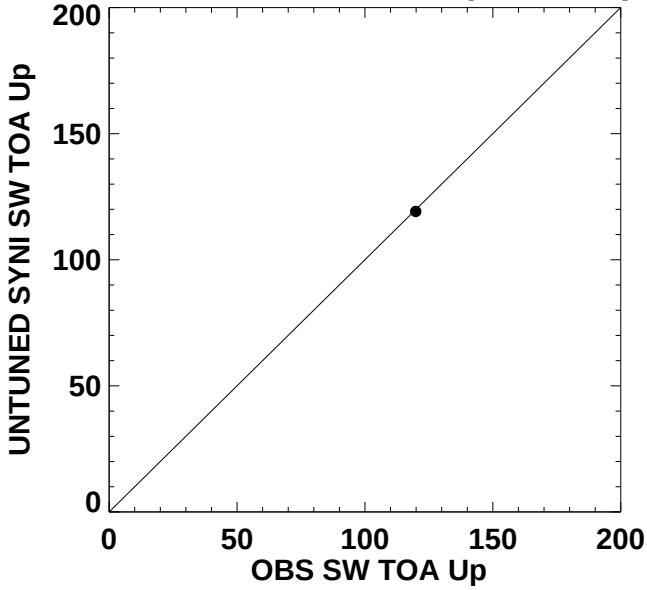
N= 578.	Mean	(StdDev)
OBS SW TOA Up	120.3	(139.0)
UNTUNED SYNI SW TOA Up	119.8	(139.4)
Y-X	-0.491	(5.36)
RMS(	5.38).....	

Untuned TOA SW UP(Monthly)



N= 19.	Mean	(StdDev)
OBS SW TOA Up	119.9	(140.3)
UNTUNED SYNI SW TOA Up	119.2	(140.6)
Y-X	-0.697	(2.10)
RMS(	2.16).....	

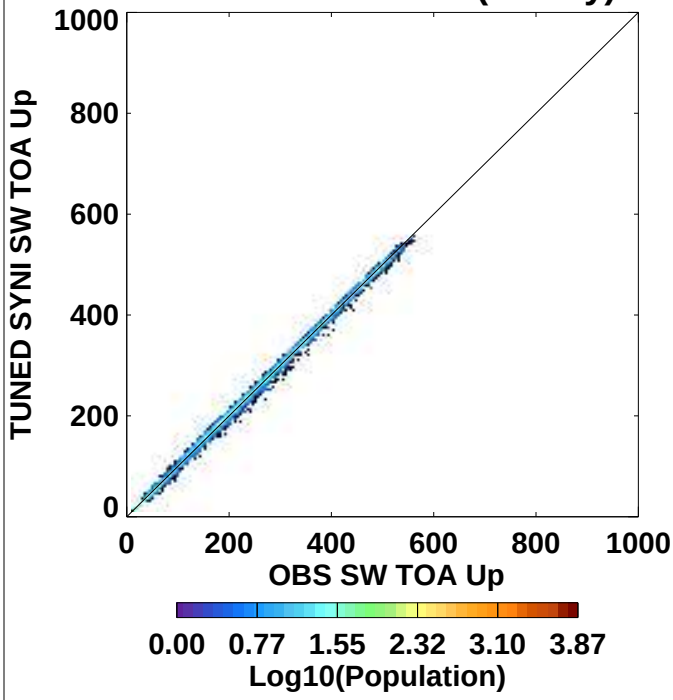
Untuned TOA SW UP(YEARLY)



N= 1.	Mean	(StdDev)
OBS SW TOA Up	119.9	(-999.0)
UNTUNED SYNI SW TOA Up	119.2	(-999.0)
Y-X	-0.697	(-999.0)
RMS(	-999.0).....	

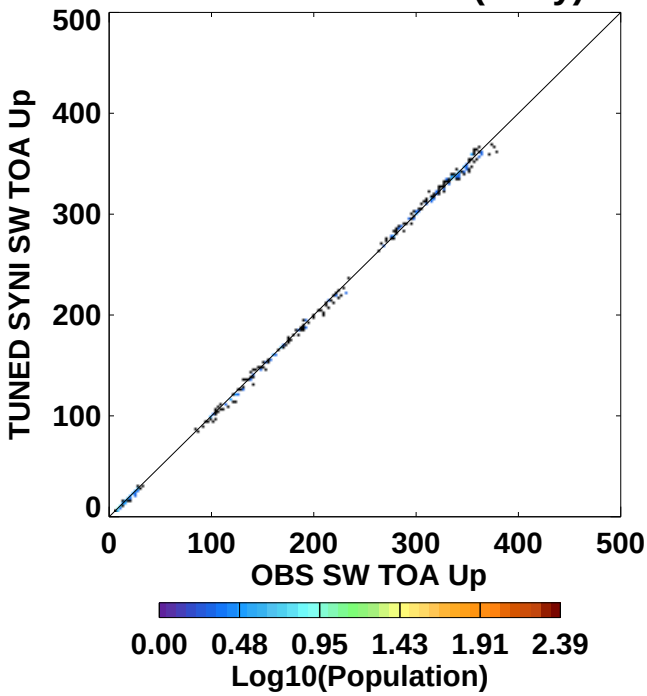
SYNI Beta4 FM1 2000:2005 /Jan,Apr,Jul,Oct: FM1 (STS validation subset)
SPE-78.500 309.500 S Polar Ice Box E

Tuned TOA SW UP(Hourly)



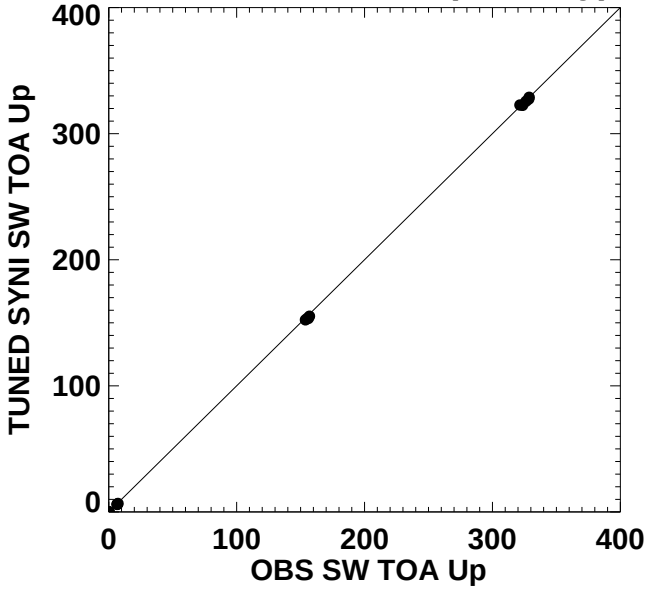
N= 14011.	Mean	(StdDev)
OBS SW TOA Up	120.9	(163.0)
TUNED SYNI SW TOA Up	120.3	(162.5)
Y-X	-0.545	(3.96)
RMS(	4.00).....	

Tuned TOA SW UP(Daily)



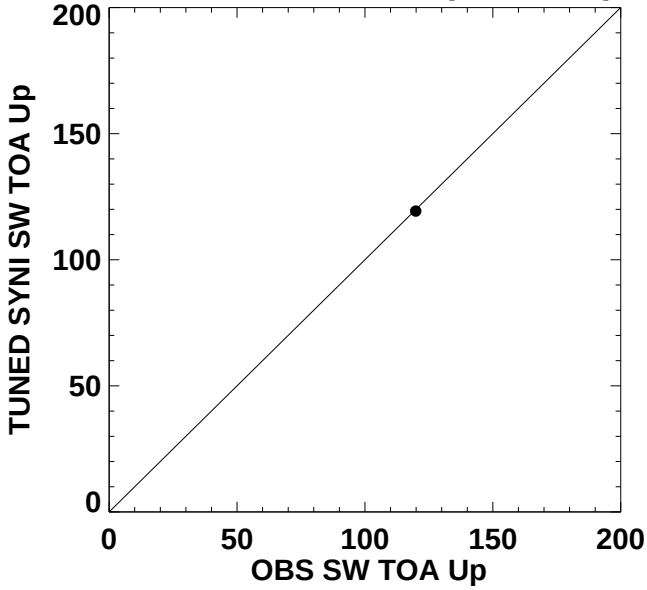
N= 583.	Mean	(StdDev)
OBS SW TOA Up	121.0	(139.0)
TUNED SYNI SW TOA Up	120.5	(138.8)
Y-X	-0.545	(2.55)
RMS(	2.61).....	

Tuned TOA SW UP(Monthly)



N= 19.	Mean	(StdDev)
OBS SW TOA Up	119.9	(140.3)
TUNED SYNI SW TOA Up	119.3	(140.2)
Y-X	-0.543	(0.861)
RMS(	0.999).....	

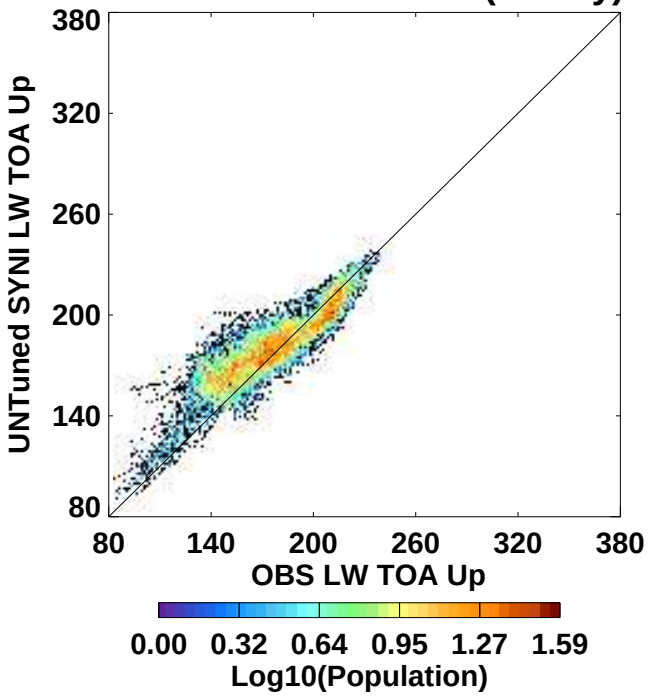
Tuned TOA SW UP(YEARLY)



N= 1.	Mean	(StdDev)
OBS SW TOA Up	119.9	(-999.0)
TUNED SYNI SW TOA Up	119.3	(-999.0)
Y-X	-0.543	(-999.0)
RMS(	-999.0).....	

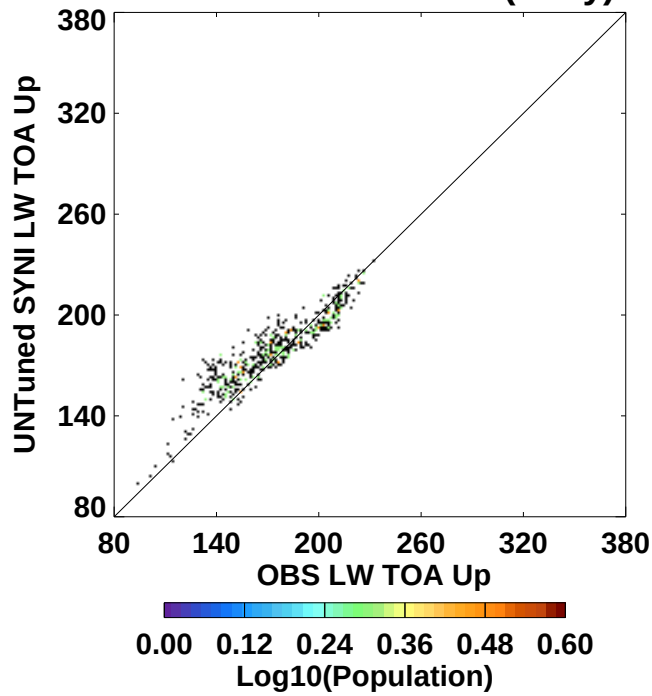
SYNI Beta4 FM1 2000:2005 /Jan,Apr,Jul,Oct: FM1 (STS validation subset)
SPE-78.500 309.500 S Polar Ice Box E

UNTuned TOA LW UP(Hourly)



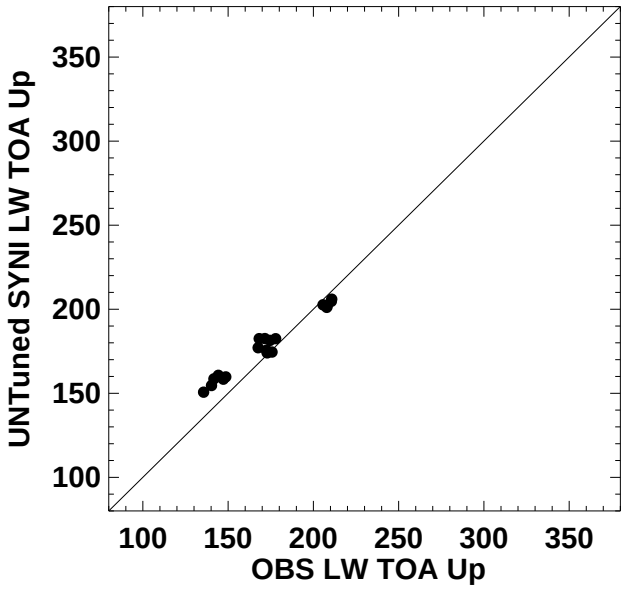
N= 14001.	Mean	(StdDev)
OBS LW TOA Up	172.5	(28.79)
UNTuned SYNI LW TOA Up	178.2	(22.68)
Y-X	5.67	(13.14)
RMS(	14.31).....	

UNTuned TOA LW UP(Daily)



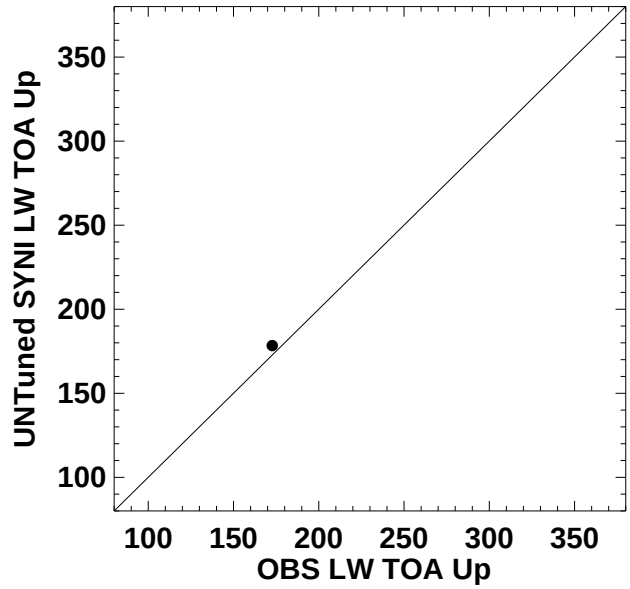
N= 578.	Mean	(StdDev)
OBS LW TOA Up	172.7	(27.69)
UNTuned SYNI LW TOA Up	178.4	(21.17)
Y-X	5.66	(11.34)
RMS(	12.67).....	

UNTuned TOA LW UP(Monthly)



N= 19.	Mean	(StdDev)
OBS LW TOA Up	172.7	(25.78)
UNTuned SYNI LW TOA Up	178.4	(18.26)
Y-X	5.68	(8.39)
RMS(	9.95).....	

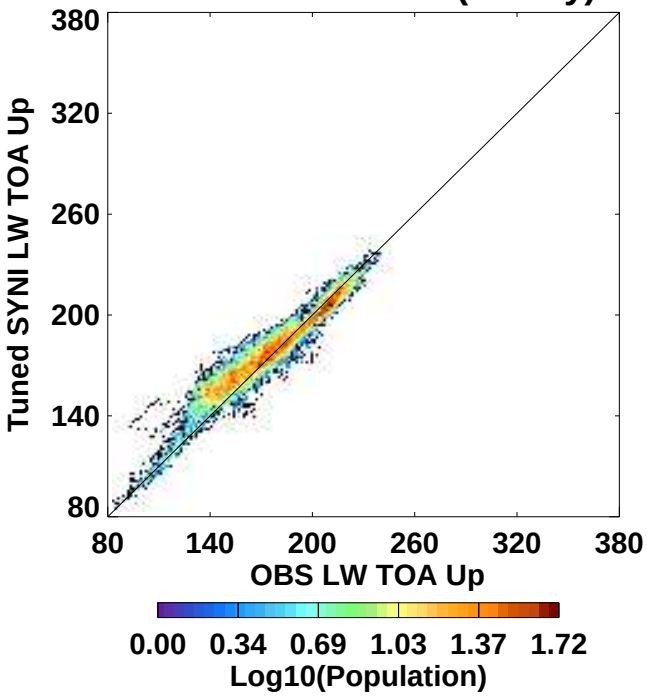
UNTuned TOA LW UP(YEARLY)



N= 1.	Mean	(StdDev)
OBS LW TOA Up	172.7	(-999.0)
UNTuned SYNI LW TOA Up	178.4	(-999.0)
Y-X	5.68	(-999.0)
RMS(	-999.0).....	

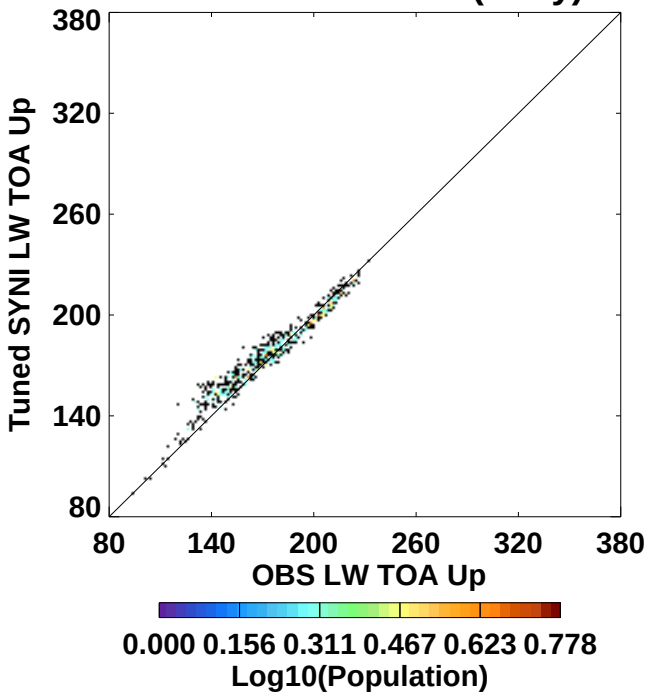
SYNI Beta4 FM1 2000:2005 /Jan,Apr,Jul,Oct: FM1 (STS validation subset)
SPE-78.500 309.500 S Polar Ice Box E

Tuned TOA LW UP(Hourly)



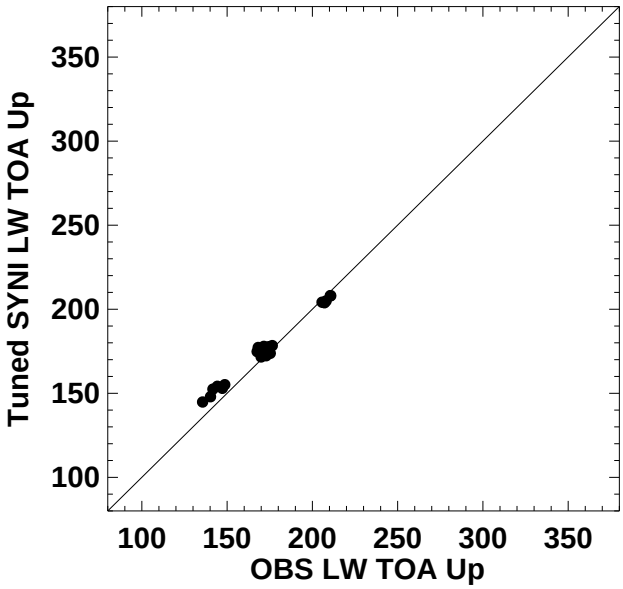
N= 14007.	Mean	(StdDev)
OBS LW TOA Up	172.5	(28.80)
Tuned SYNI LW TOA Up	175.9	(24.93)
Y-X	3.34	(8.04)
RMS(	8.71).....	

Tuned TOA LW UP(Daily)



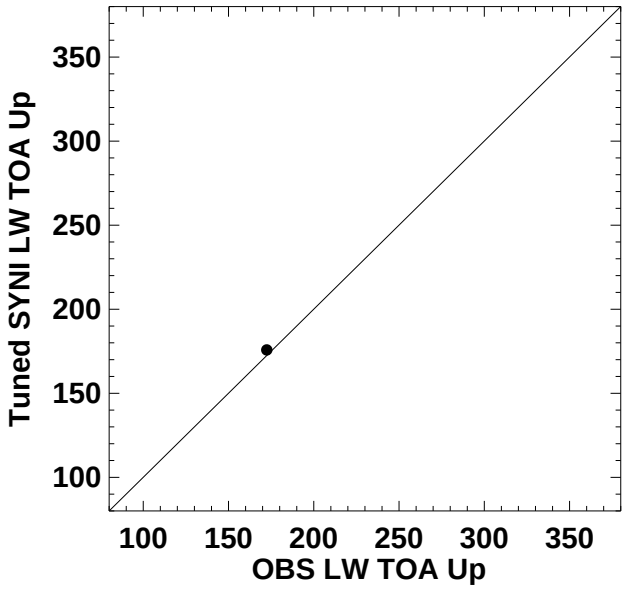
N= 583.	Mean	(StdDev)
OBS LW TOA Up	172.5	(27.72)
Tuned SYNI LW TOA Up	175.9	(23.81)
Y-X	3.33	(6.83)
RMS(	7.60).....	

Tuned TOA LW UP(Monthly)



N= 19.	Mean	(StdDev)
OBS LW TOA Up	172.4	(25.71)
Tuned SYNI LW TOA Up	175.8	(21.43)
Y-X	3.37	(4.98)
RMS(	5.90).....	

Tuned TOA LW UP(YEARLY)



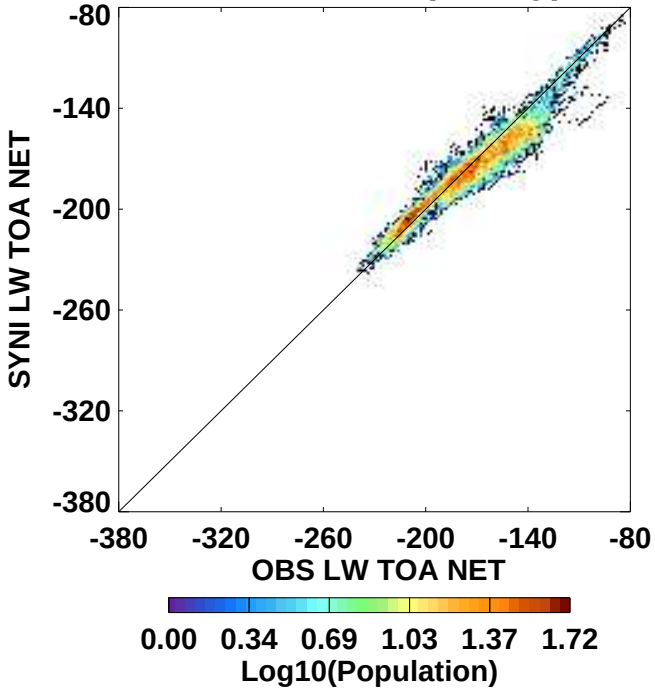
N= 1.	Mean	(StdDev)
OBS LW TOA Up	172.4	(-999.0)
Tuned SYNI LW TOA Up	175.8	(-999.0)
Y-X	3.37	(-999.0)
RMS(	-999.0).....	

SYNI Beta4 FM1 2000:2005 /Jan,Apr,Jul,Oct: FM1 (STS validation subset)
SPE-78.500 309.500 S Polar Ice Box E

SYNI Beta4 FM1 2000:2005 /Jan,Apr,Jul,Oct: FM1 (STS validation subset)
SPE-78.500 309.500 S Polar Ice Box E

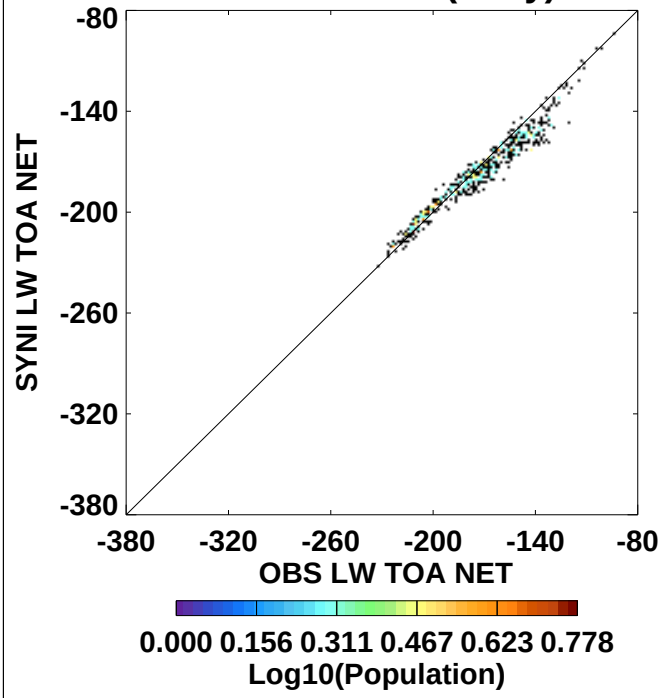
SYNI Beta4 FM1 2000:2005 /Jan,Apr,Jul,Oct: FM1 (STS validation subset)
SPE-78.500 309.500 S Polar Ice Box E

TOA LW NET(Hourly)



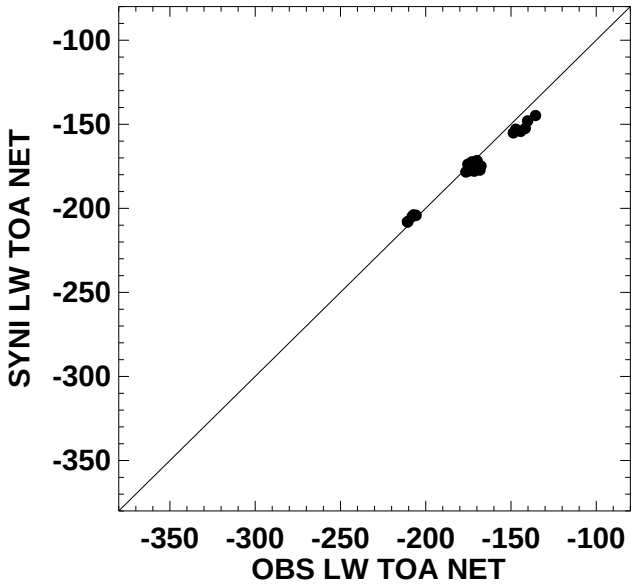
N= 14007.	Mean	(StdDev)
OBS LW TOA NET	-172.5(	28.80)
SYNI LW TOA NET	-175.9(	24.93)
Y-X	-3.34(	8.04)
RMS(	8.71).....	

TOA LW NET(Daily)



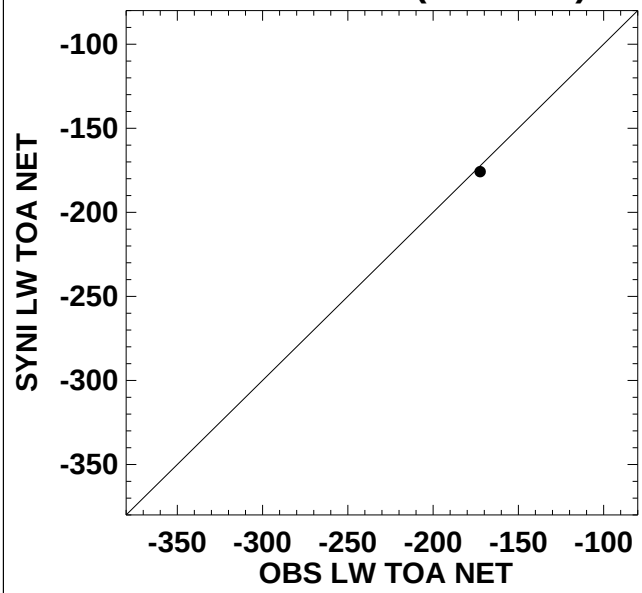
N= 583.	Mean	(StdDev)
OBS LW TOA NET	-172.5(	27.72)
SYNI LW TOA NET	-175.9(	23.81)
Y-X	-3.33(	6.83)
RMS(	7.60).....	

TOA LW NET(Monthly)



N= 19.	Mean	(StdDev)
OBS LW TOA NET	-172.4(	25.71)
SYNI LW TOA NET	-175.8(	21.43)
Y-X	-3.37(	4.98)
RMS(	5.90).....	

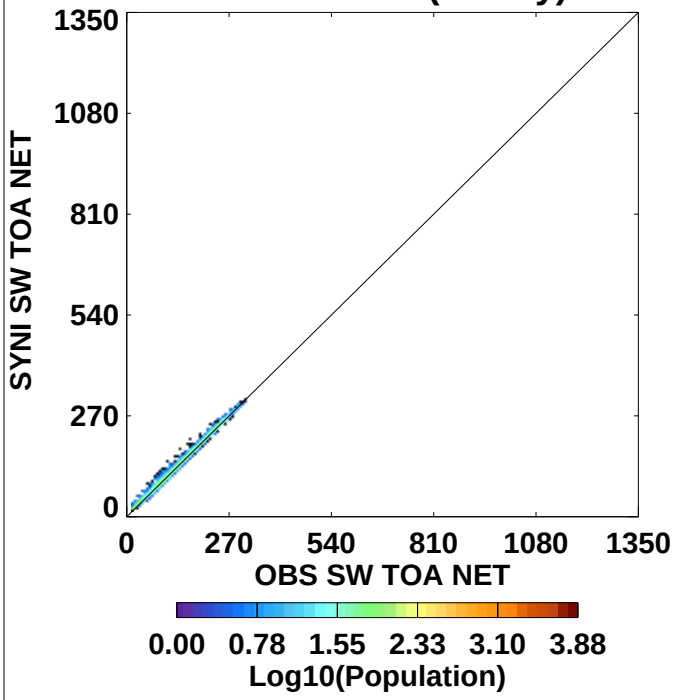
TOA LW NET(YEARLY)



N= 1.	Mean	(StdDev)
OBS LW TOA NET	-172.4(	-999.0)
SYNI LW TOA NET	-175.8(	-999.0)
Y-X	-3.37(	-999.0)
RMS(	-999.0).....	

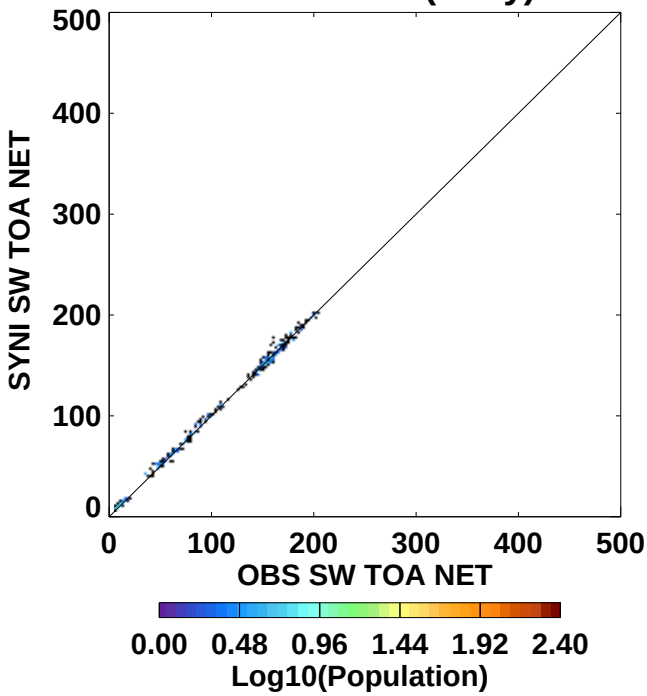
SYNI Beta4 FM1 2000:2005 /Jan,Apr,Jul,Oct: FM1 (STS validation subset)
SPE-78.500 309.500 S Polar Ice Box E

SW TOA NET(Hourly)



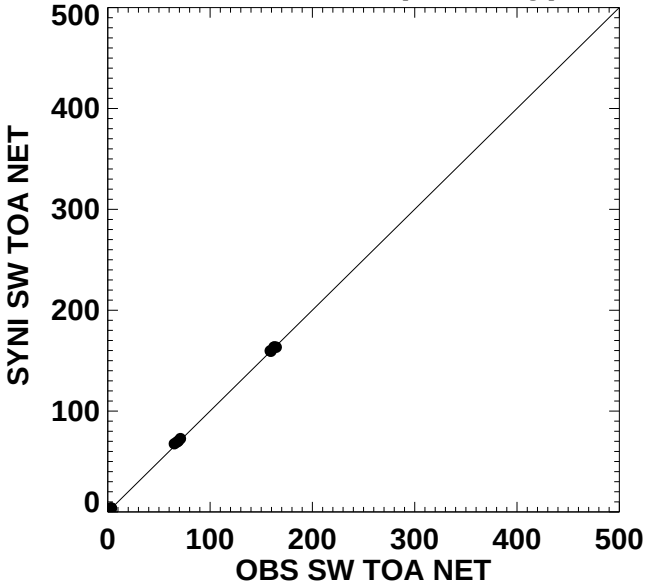
N= 13978.	Mean	(StdDev)
OBS SW TOA NET	58.19	(79.92)
SYNI SW TOA NET	58.74	(80.17)
Y-X	0.546	(3.97)
RMS(	4.00).....	

SW TOA NET(Daily)



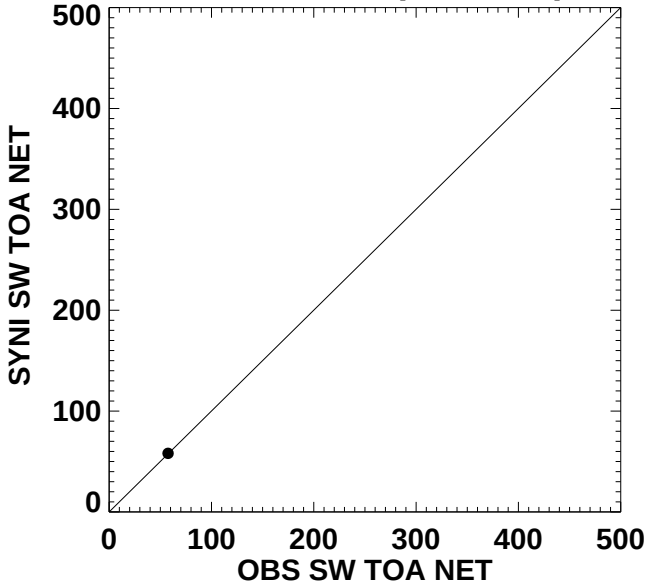
N= 583.	Mean	(StdDev)
OBS SW TOA NET	58.13	(68.87)
SYNI SW TOA NET	58.68	(68.95)
Y-X	0.545	(2.55)
RMS(	2.61).....	

SW TOA NET(Monthly)



N= 19.	Mean	(StdDev)
OBS SW TOA NET	57.56	(69.28)
SYNI SW TOA NET	58.11	(69.34)
Y-X	0.543	(0.861)
RMS(	0.999).....	

SW TOA NET(YEARLY)



N= 1.	Mean	(StdDev)
OBS SW TOA NET	57.56	(-999.0)
SYNI SW TOA NET	58.11	(-999.0)
Y-X	0.543	(-999.0)
RMS(	-999.0).....	

SYNI Beta4 FM1 2000:2005 /Jan,Apr,Jul,Oct: FM1 (STS validation subset)
SPE-78.500 309.500 S Polar Ice Box E

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SPE-78.500 309.500 S Polar Ice Box E