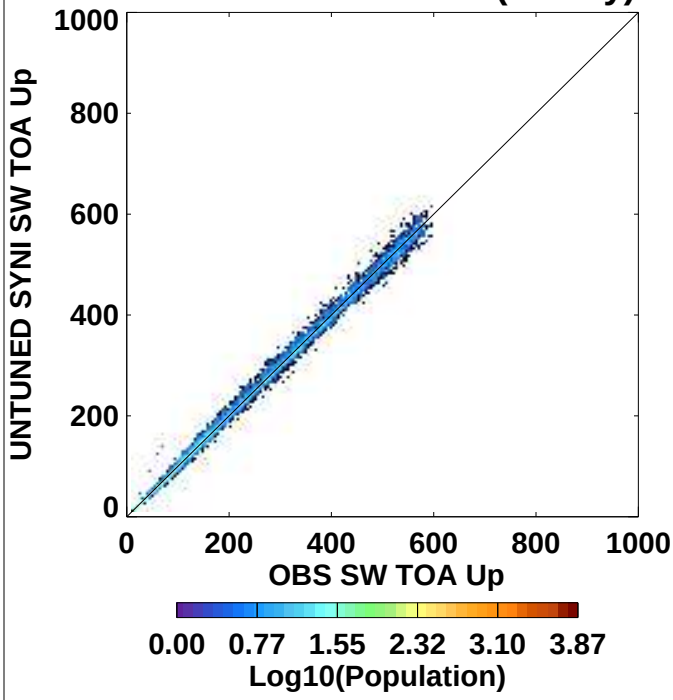
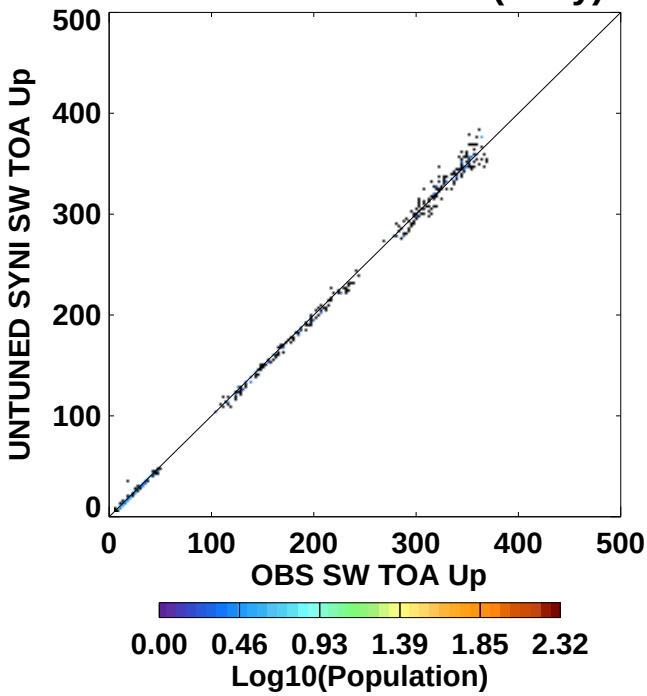
SYNI Beta4 FM1 2000:2005 /Jan,Apr,Jul,Oct: FM1 (STS validation subset)
DMC-75.000 123.000 Dome C Antarctic

Untuned TOA SW UP(Hourly)



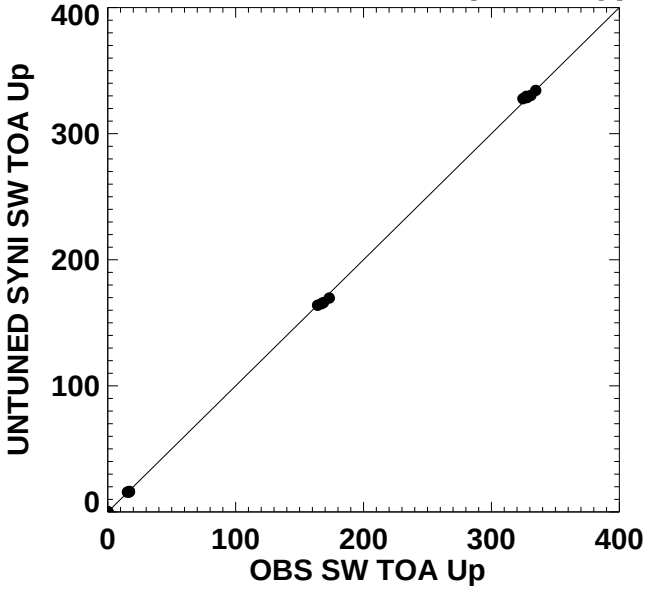
N= 14009.	Mean	(StdDev)
OBS SW TOA Up	126.5	(175.9)
UNTUNED SYNI SW TOA Up	126.2	(175.7)
Y-X	-0.273	(6.84)
RMS	(6.84).....	

Untuned TOA SW UP(Daily)



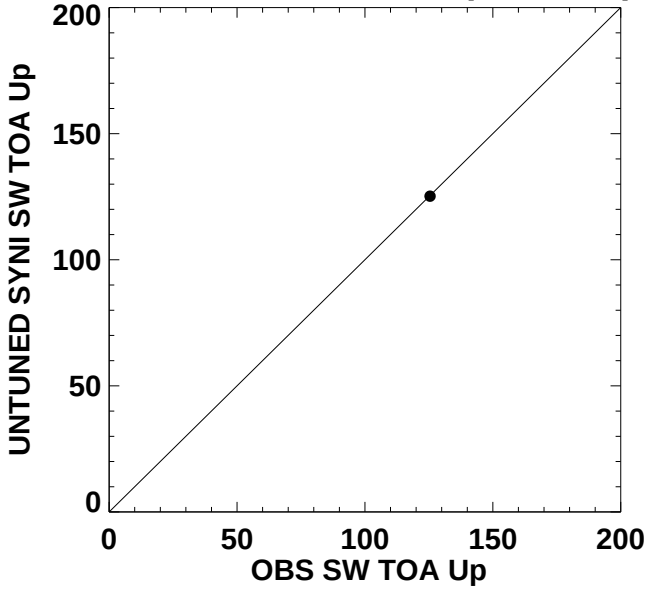
N= 581.	Mean	(StdDev)
OBS SW TOA Up	126.8	(139.4)
UNTUNED SYNI SW TOA Up	126.6	(139.9)
Y-X	-0.269	(4.83)
RMS	(4.83).....	

Untuned TOA SW UP(Monthly)



N= 19.	Mean	(StdDev)
OBS SW TOA Up	125.4	(140.8)
UNTUNED SYNI SW TOA Up	125.2	(141.1)
Y-X	-0.215	(1.49)
RMS	(1.47).....	

Untuned TOA SW UP(YEARLY)



N= 1.	Mean	(StdDev)
OBS SW TOA Up	125.4	(-999.0)
UNTUNED SYNI SW TOA Up	125.2	(-999.0)
Y-X	-0.215	(-999.0)
RMS	(-999.0).....	

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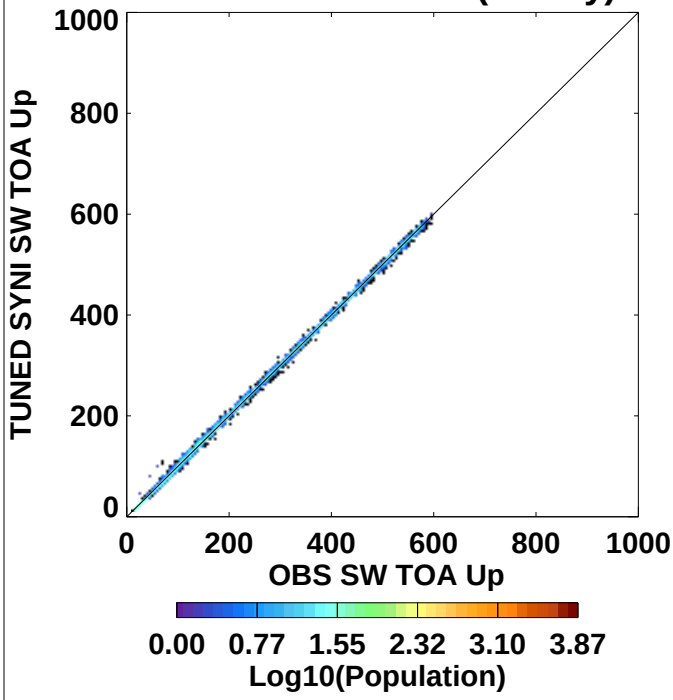
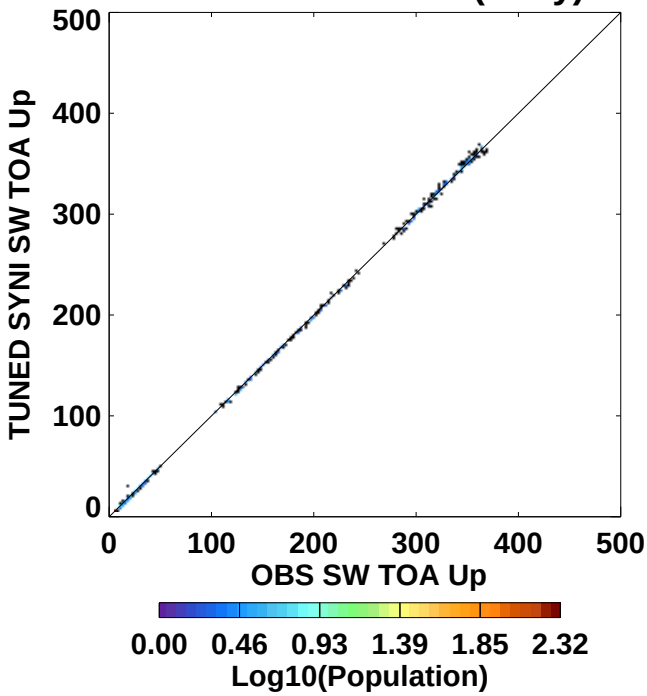
Tuned TOA SW UP(Hourly)



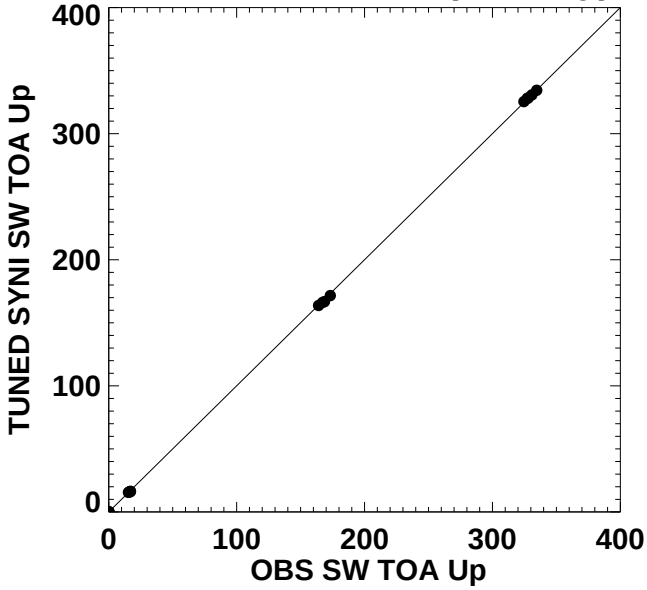
N= 14010.	Mean	(StdDev)
OBS SW TOA Up	126.5	(175.9)
TUNED SYNI SW TOA Up	126.2	(175.8)
Y-X	-0.217	(2.76)
RMS(	2.77).....	

Tuned TOA SW UP(Daily)



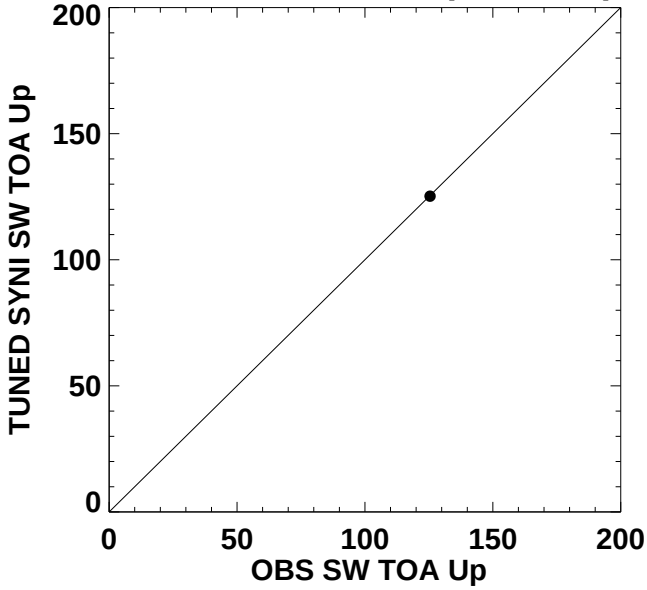
N= 582.	Mean	(StdDev)
OBS SW TOA Up	126.8	(139.3)
TUNED SYNI SW TOA Up	126.6	(139.4)
Y-X	-0.218	(1.86)
RMS(	1.87).....	

Tuned TOA SW UP(Monthly)



N= 19.	Mean	(StdDev)
OBS SW TOA Up	125.4	(140.8)
TUNED SYNI SW TOA Up	125.2	(140.9)
Y-X	-0.217	(0.696)
RMS(	0.712).....	

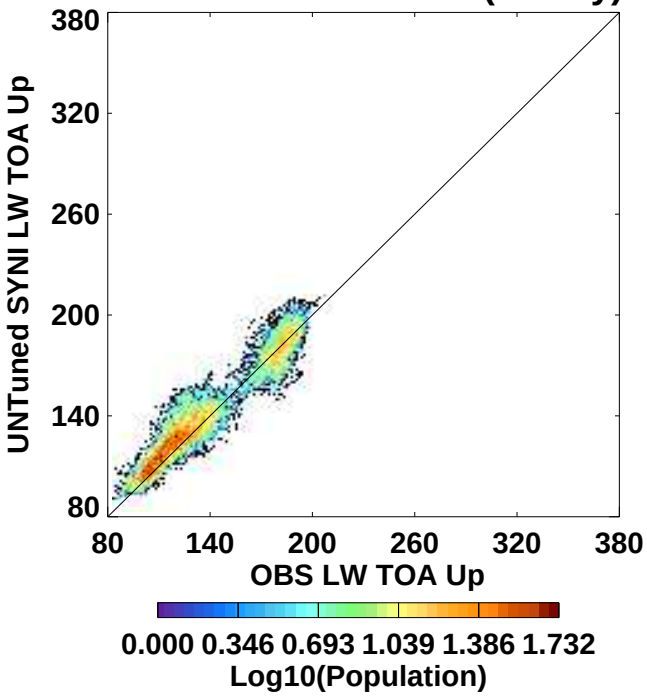
Tuned TOA SW UP(YEARLY)



N= 1.	Mean	(StdDev)
OBS SW TOA Up	125.4	(-999.0)
TUNED SYNI SW TOA Up	125.2	(-999.0)
Y-X	-0.217	(-999.0)
RMS(	-999.0).....	

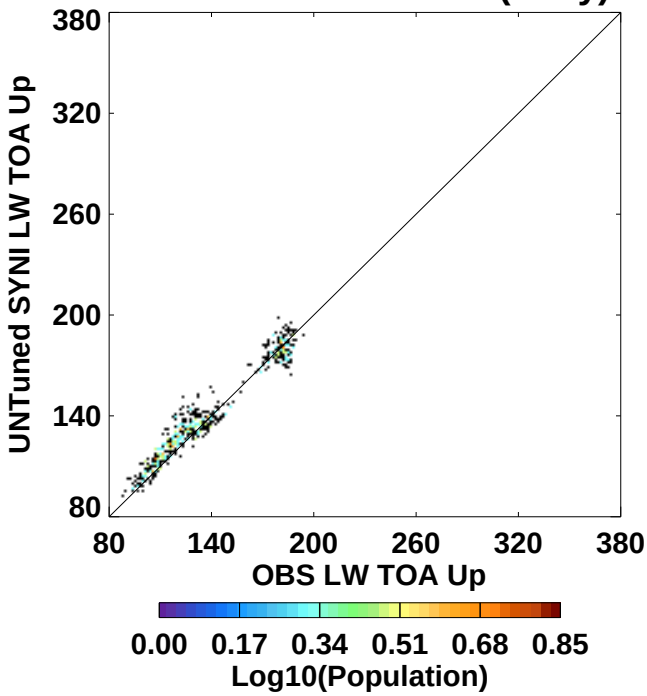
SYNI Beta4 FM1 2000:2005 /Jan,Apr,Jul,Oct: FM1 (STS validation subset)
DMC-75.000 123.000 Dome C Antarctic

UNTuned TOA LW UP(Hourly)



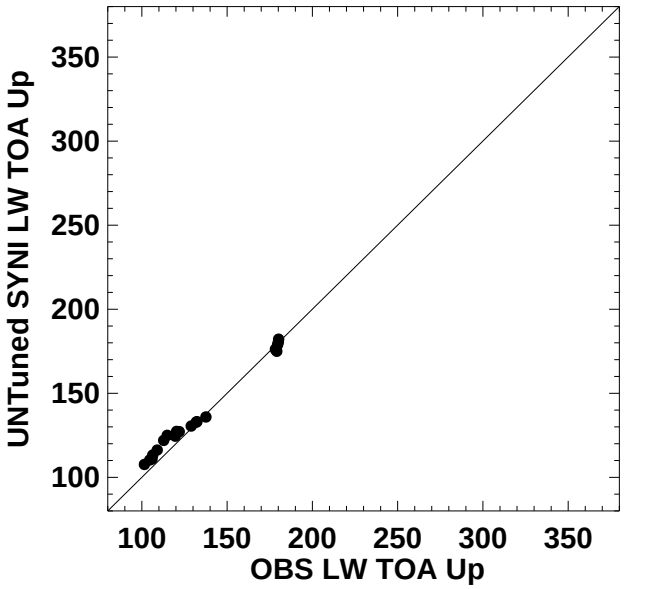
N= 14009.	Mean	(StdDev)
OBS LW TOA Up	134.1(	30.34)
UNTuned SYNI LW TOA Up	137.4(	28.53)
Y-X	3.35(	8.64)
RMS(	9.27).....	

UNTuned TOA LW UP(Daily)



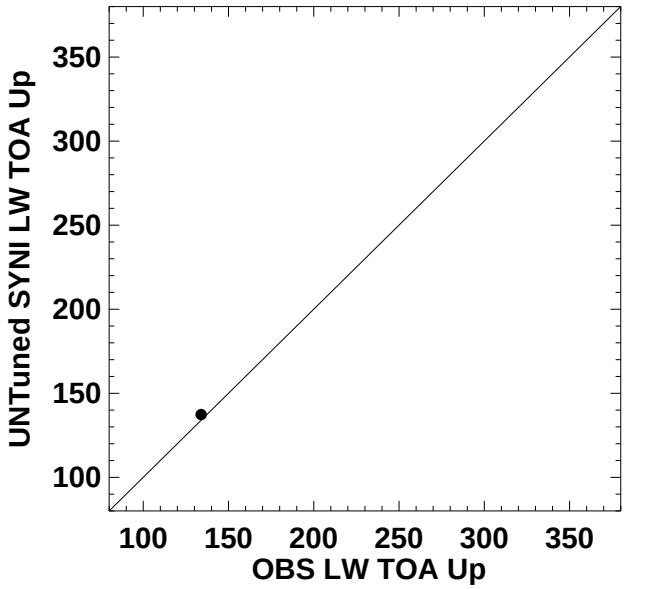
N= 581.	Mean	(StdDev)
OBS LW TOA Up	134.2(	29.97)
UNTuned SYNI LW TOA Up	137.5(	27.54)
Y-X	3.35(	6.75)
RMS(	7.53).....	

UNTuned TOA LW UP(Monthly)



N= 19.	Mean	(StdDev)
OBS LW TOA Up	133.9(	29.65)
UNTuned SYNI LW TOA Up	137.3(	26.54)
Y-X	3.39(	4.06)
RMS(	5.21).....	

UNTuned TOA LW UP(YEARLY)



N= 1.	Mean	(StdDev)
OBS LW TOA Up	133.9(	-999.0)
UNTuned SYNI LW TOA Up	137.3(	-999.0)
Y-X	3.39(	-999.0)
RMS(	-999.0).....	

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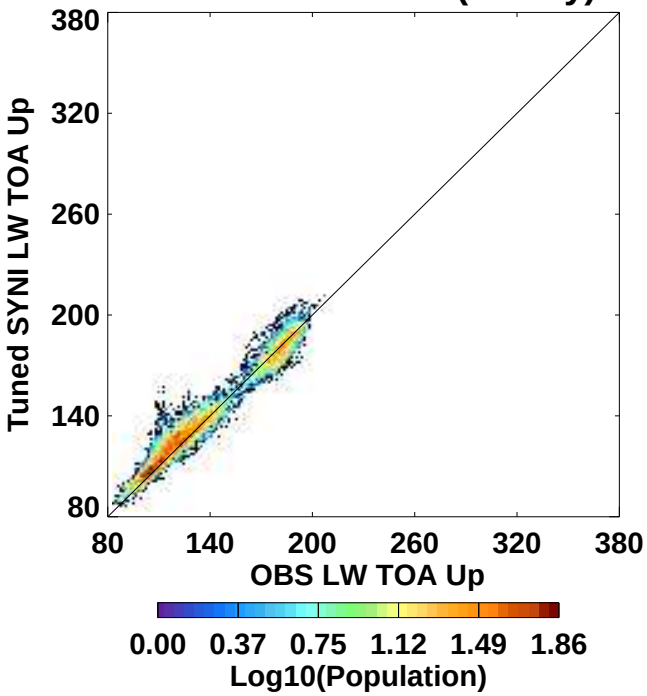
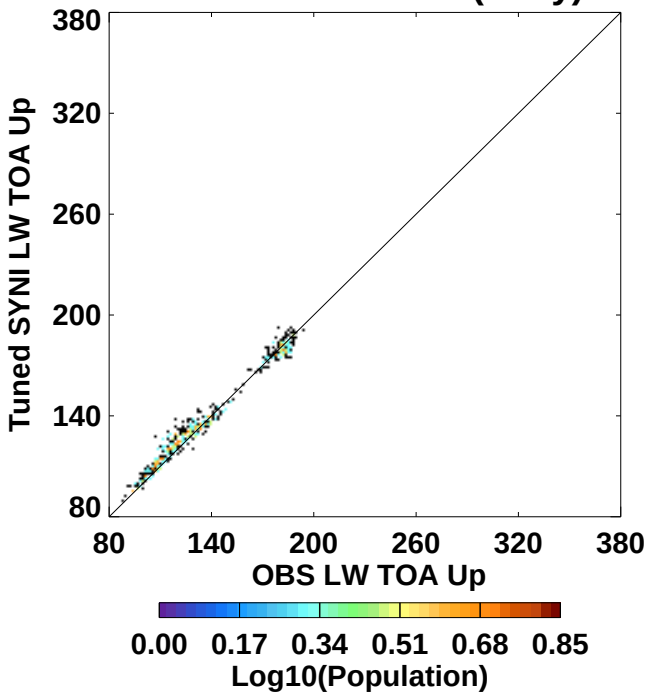
Tuned TOA LW UP(Hourly)



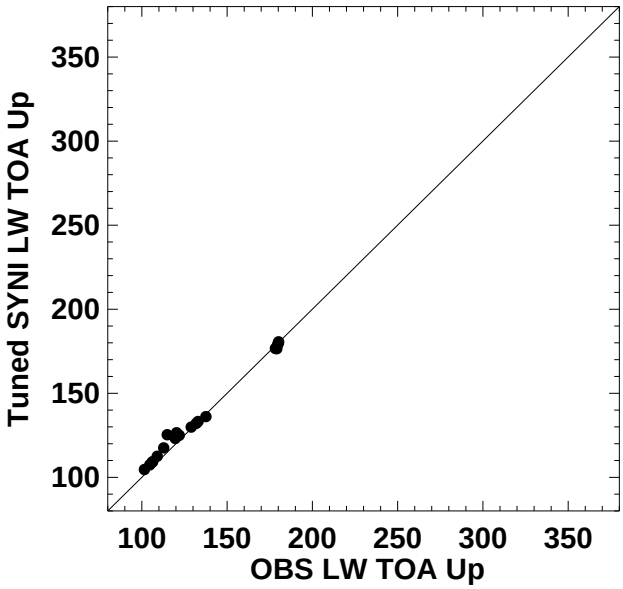
N= 14010.	Mean	(StdDev)
OBS LW TOA Up	134.1(	30.34)
Tuned SYNI LW TOA Up	136.1(	28.73)
Y-X	1.99(	5.87)
RMS(	6.20).....	

Tuned TOA LW UP(Daily)



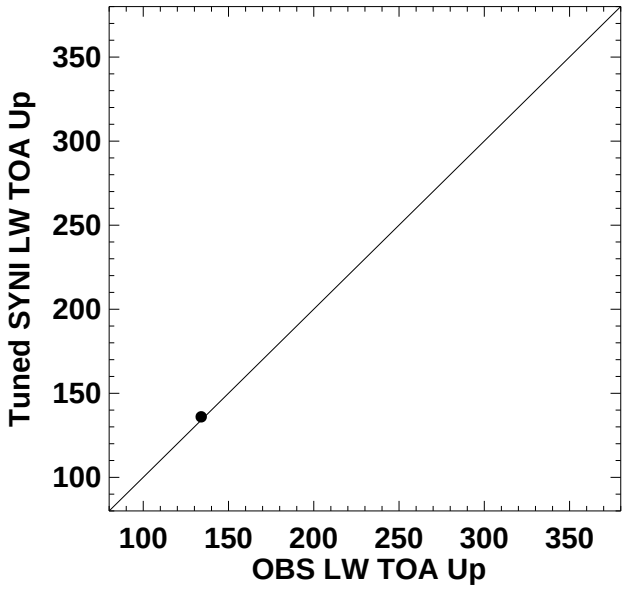
N= 582.	Mean	(StdDev)
OBS LW TOA Up	134.2(	29.95)
Tuned SYNI LW TOA Up	136.2(	28.07)
Y-X	1.99(	4.57)
RMS(	4.98).....	

Tuned TOA LW UP(Monthly)



N= 19.	Mean	(StdDev)
OBS LW TOA Up	134.0(	29.65)
Tuned SYNI LW TOA Up	136.0(	27.61)
Y-X	2.03(	3.12)
RMS(	3.65).....	

Tuned TOA LW UP(YEARLY)



N= 1.	Mean	(StdDev)
OBS LW TOA Up	134.0(	-999.0)
Tuned SYNI LW TOA Up	136.0(	-999.0)
Y-X	2.03(	-999.0)
RMS(	-999.0).....	

SYNI Beta4 FM1 2000:2005 /Jan,Apr,Jul,Oct: FM1 (STS validation subset)
DMC-75.000 123.000 Dome C Antarctic

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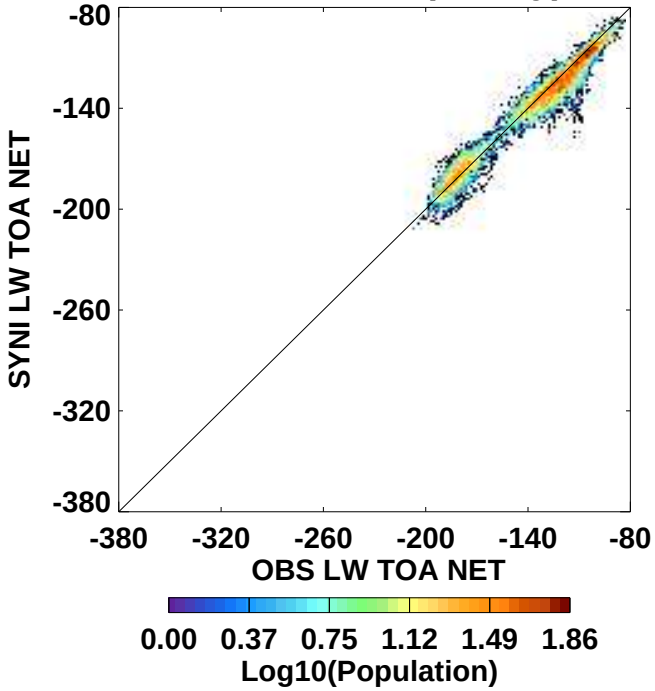
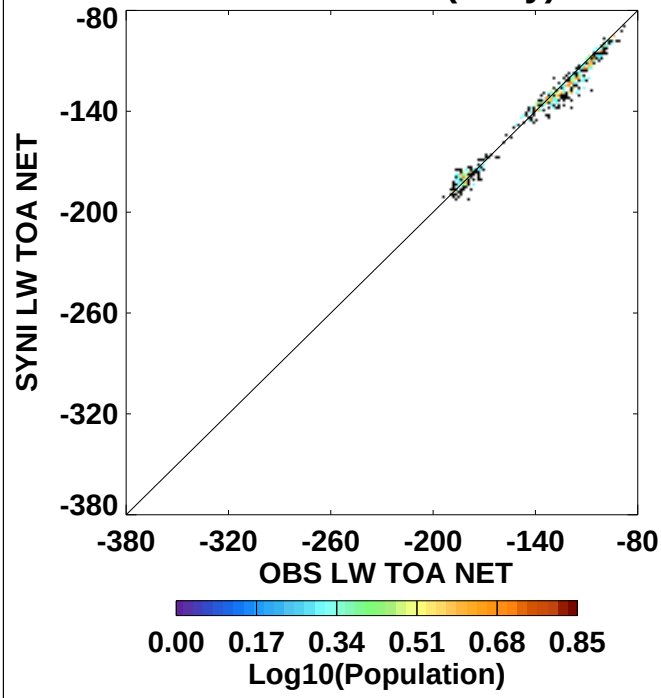
SYNI Beta4 FM1 2000:2005 /Jan,Apr,Jul,Oct: FM1 (STS validation subset)
DMC-75.000 123.000 Dome C Antarctic

TOA LW NET(Hourly)



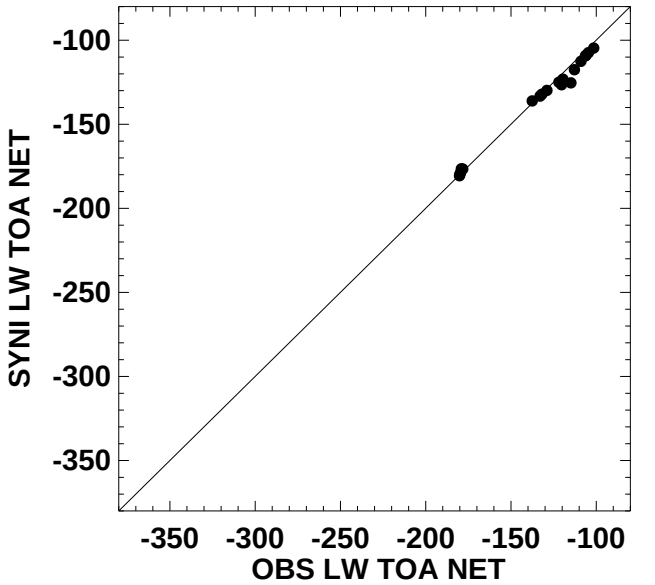
N= 14010.	Mean	(StdDev)
OBS LW TOA NET	-134.1(	30.34)
SYNI LW TOA NET	-136.1(	28.73)
Y-X	-1.99(	5.87)
RMS(	6.20).....	

TOA LW NET(Daily)



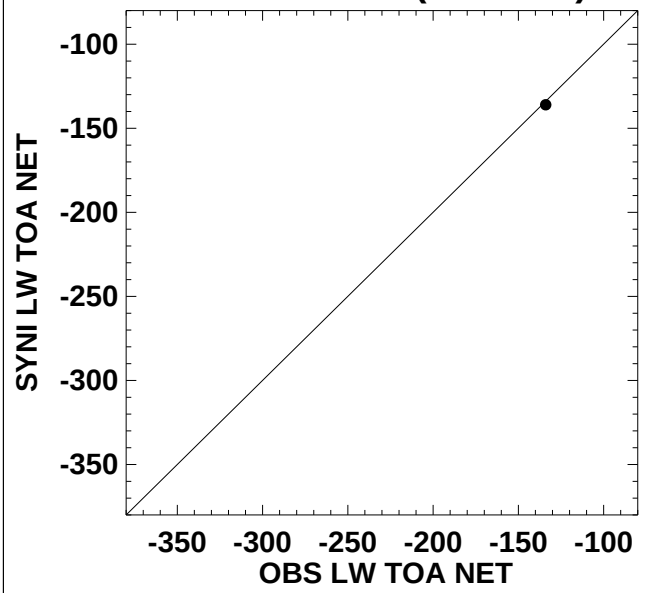
N= 582.	Mean	(StdDev)
OBS LW TOA NET	-134.2(	29.95)
SYNI LW TOA NET	-136.2(	28.07)
Y-X	-1.99(	4.57)
RMS(	4.98).....	

TOA LW NET(Monthly)



N= 19.	Mean	(StdDev)
OBS LW TOA NET	-134.0(	29.65)
SYNI LW TOA NET	-136.0(	27.61)
Y-X	-2.03(	3.12)
RMS(	3.65).....	

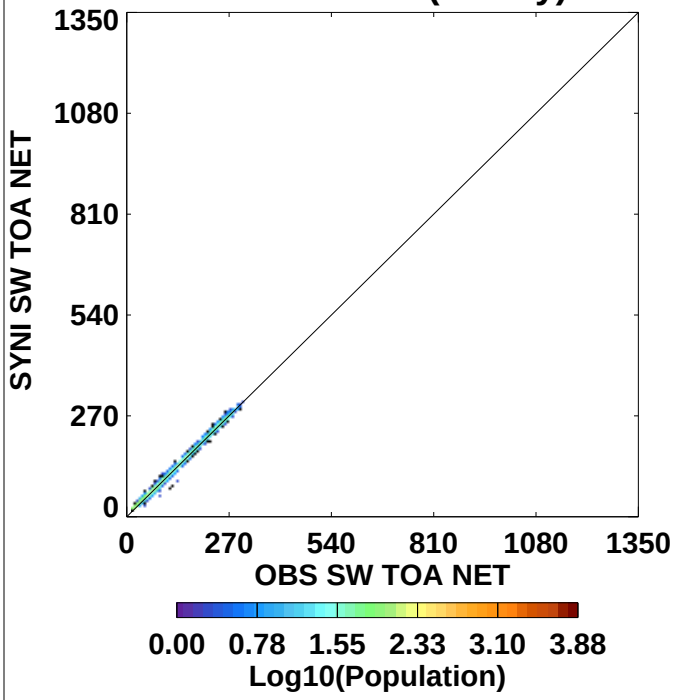
TOA LW NET(YEARLY)



N= 1.	Mean	(StdDev)
OBS LW TOA NET	-134.0(	-999.0)
SYNI LW TOA NET	-136.0(	-999.0)
Y-X	-2.03(	-999.0)
RMS(	-999.0).....	

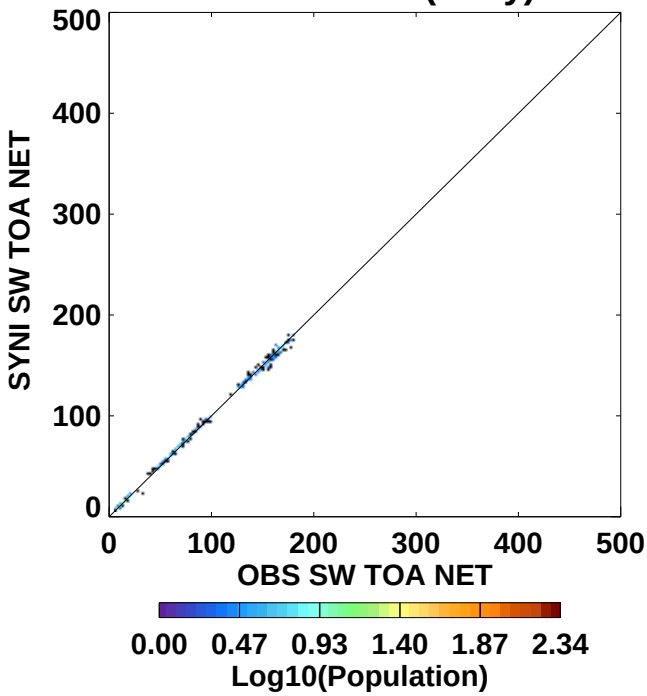
SYNI Beta4 FM1 2000:2005 /Jan,Apr,Jul,Oct: FM1 (STS validation subset)
DMC-75.000 123.000 Dome C Antarctic

SW TOA NET(Hourly)



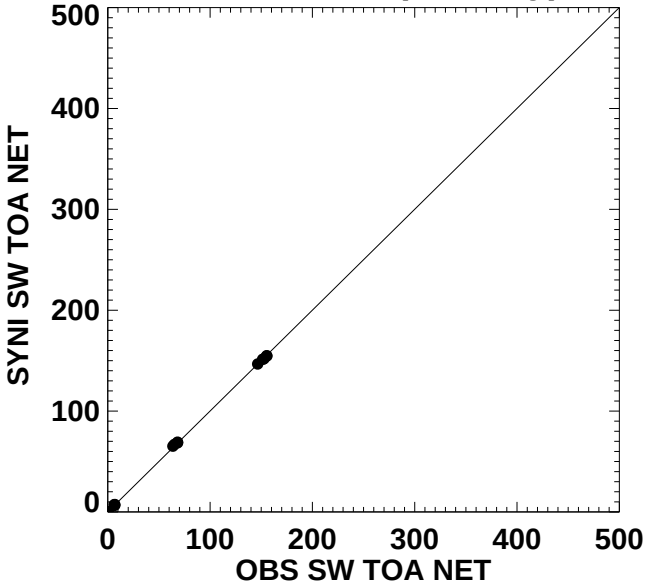
N= 13967.	Mean	(StdDev)
OBS SW TOA NET	56.05(	79.81)
SYNI SW TOA NET	56.27(	79.73)
Y-X	0.218(	2.76)
RMS(	2.77).....	

SW TOA NET(Daily)



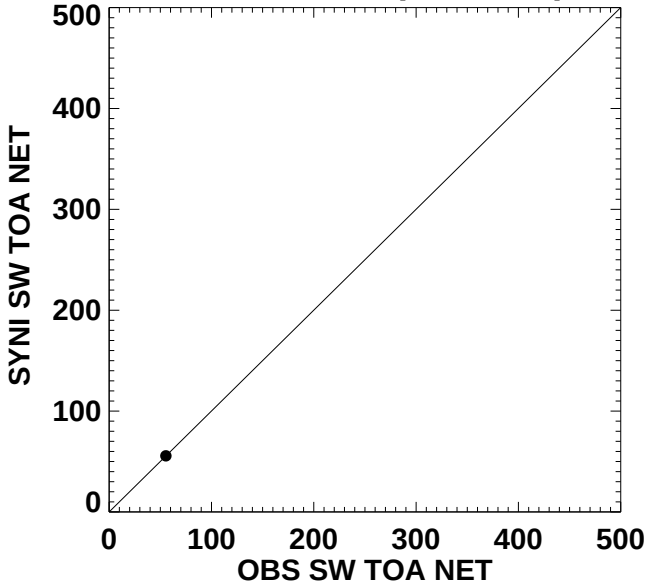
N= 581.	Mean	(StdDev)
OBS SW TOA NET	56.15(	64.09)
SYNI SW TOA NET	56.36(	63.86)
Y-X	0.218(	1.86)
RMS(	1.87).....	

SW TOA NET(Monthly)



N= 19.	Mean	(StdDev)
OBS SW TOA NET	55.43(	64.71)
SYNI SW TOA NET	55.65(	64.53)
Y-X	0.217(	0.696)
RMS(	0.712).....	

SW TOA NET(YEARLY)



N= 1.	Mean	(StdDev)
OBS SW TOA NET	55.43(	-999.0)
SYNI SW TOA NET	55.65(	-999.0)
Y-X	0.217(	-999.0)
RMS(	-999.0).....	

SYNI Beta4 FM1 2000:2005 /Jan,Apr,Jul,Oct: FM1 (STS validation subset)
DMC-75.000 123.000 Dome C Antarctic

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)
DMC-75.000 123.000 Dome C Antarctic