ASCAT DAILY Report

Metop-B

OPE

DAY 2017_113

20170423000000 - 20170423235959

DATA STATISTICS

BASED ON ORBITS (#15)

23843 23844 23845 23846 23847 23848 23849 23850 23851 23852 23853 23854 23855
23856 23857 23858

. a.. ASCA_IRP_M01_2ÛèASCA_IRP_M01_2j—ASCA_IRP_M01_2Ý ASCA_IRP_M01_2• ASCA_IRP_M01_
ASCA_IRP_M01_2Ü#ASCA_IRP_M01_2Ý…ASCA_IRP_M01_2 ASCA_IRP_M01_2Ý+ASCA_IRP_M01_2 "ASCA_IRP_M01_2j°ASCA_IRP_M01_2
ASCA_IRP_M01_2Þ log_REPORT_DAI•IASCA_IRP_M01_2Ü-ASCA_IRP_M01_2•HASCA_IRP_M01_2jZASCA_IRP_M01_2Û¬ASCA_IRP_M01_2
ASCA_IRP_M01_2ÛþASCA_IRP_M01_23oASCA_IRP_M01_2 ASCA_IRP_M01_23zASCA_IRP_M01_2juASCA_IRP_M01_23=ASCA_IRP_M01_2

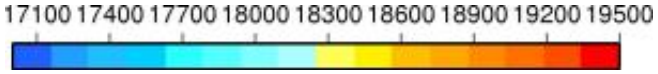
Overview

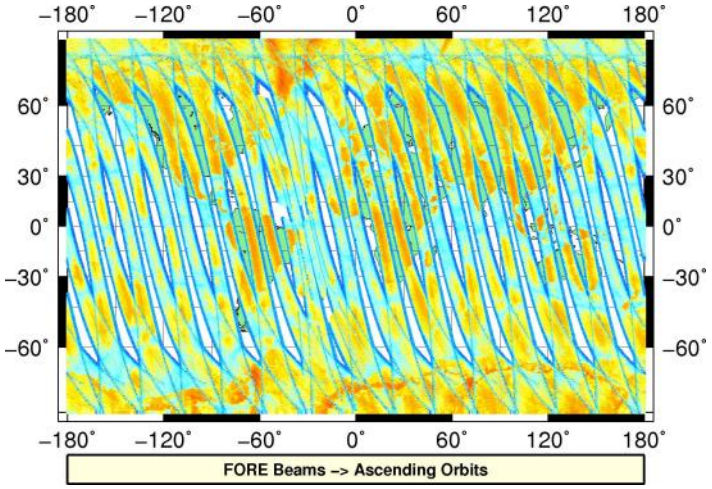
Configuration and SPHR content

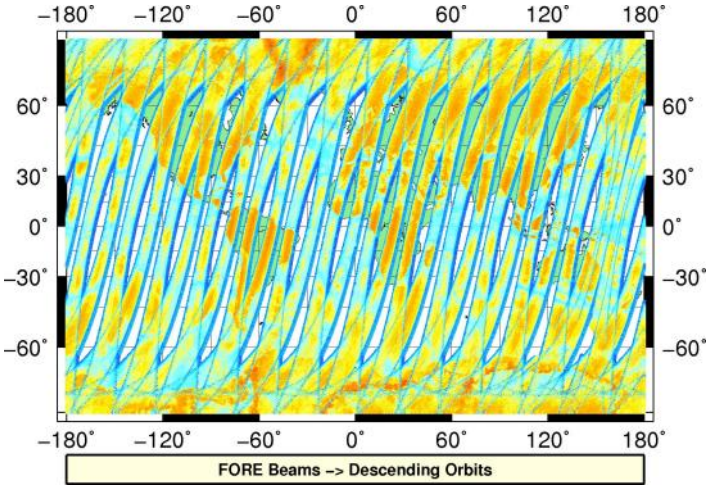
Parameter	Value
SENSING START-STOP	20170423000000 - 20170423235959
ORBIT START-STOP	-
SATELLITE	M01
SW - DPU Version	3.9 (57)
SW - ICU Version	2.03 (35)
PARAM - Drive Level ID	0 (Nominal drive level as defined in the active DPU Data Set)
PARAM - DPU Data Set ID	2
PARAM - Revision ID	14
INST - Table Set ID	0 (no calibration, nominal table set used)
INST - Redundancy Config	127
	nominal ICU
	nominal DPU
	nominal RFU
	nominal HPA
	nominal SFE
	nominal SFE LNA
	nominal signal path (from HPA_B)
N_L1A_MDR	595139
N_L1A_MDR_B0	99189
N_L1A_MDR_B1	99189
N_L1A_MDR_B2	99191
N_L1A_MDR_B3	99190
N_L1A_MDR_B4	99190
N_L1A_MDR_B5	99190
N_GAPS	0
TOTAL_GAPS_SIZE	0
N_HKTM_PACKETS_RECEIVED	15715
N_F_NOISE	0
N_F_PG	0
N_V_PG	0
N_F_FILTER	0
N_V_FILTER	0
N_F_PGP	0
N_F_NP	0
N_F_ORBIT	0
N_F_ATTITUDE	0
N_F_OMEGA	0
N_F_MAN	0
N_F_OSV	0
N_F_E_TEL_PRES	0
N_F_E_TEL_IR	0
N_F_CE	0
N_V_CE	0
N_F_OA	0
N_F_TEL	0
N_F_REF	0
N_F_SA	1047795
N_F_LAND	49245250
N_F_GEO	3225774
N_F_SIGN	0
N_L1B_MDR	0
N_EMPTY_S0_TRIP	0
N_L1B_MDR_F	0
N_EMPTY_S0_TRIP_F	0
N_L1B_MDR_M	0

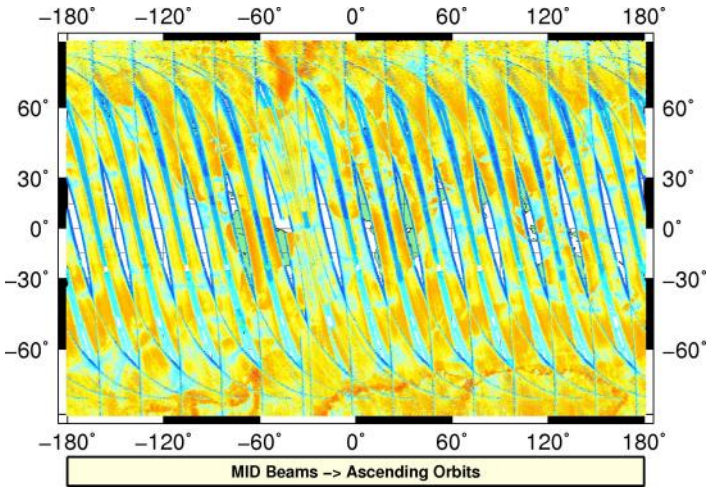
L1A Product

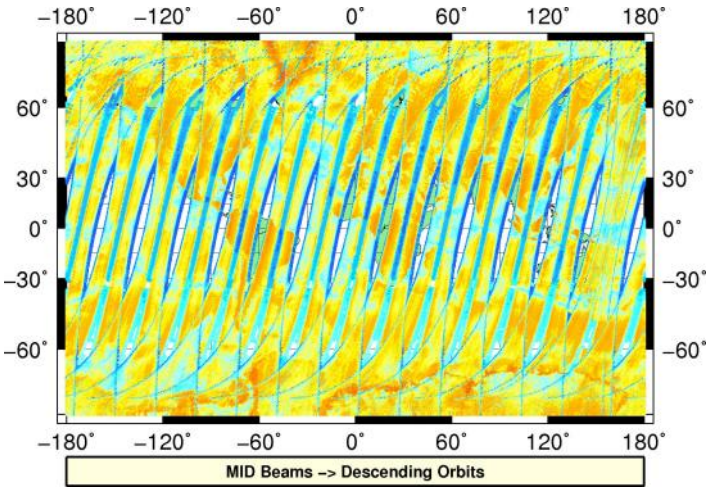
Echo Data Coverage maps

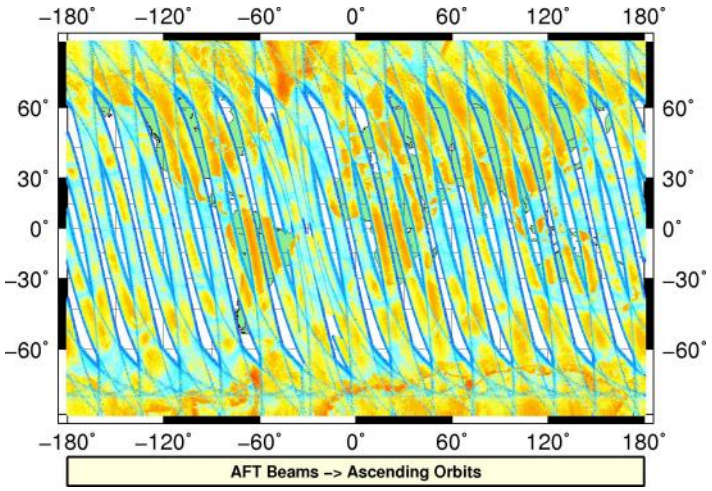


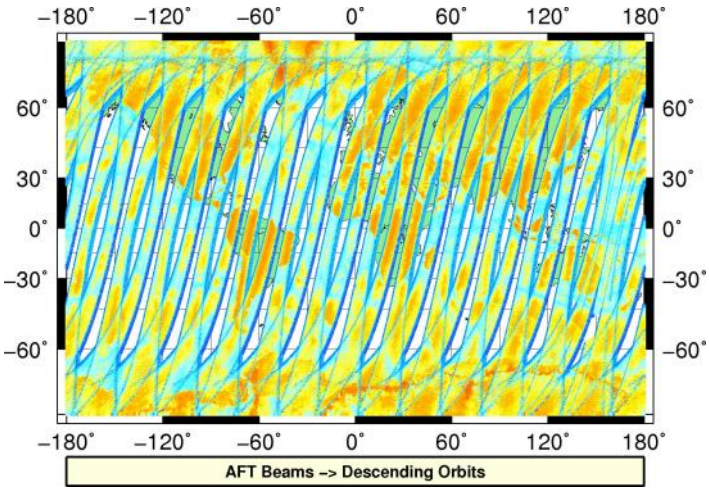






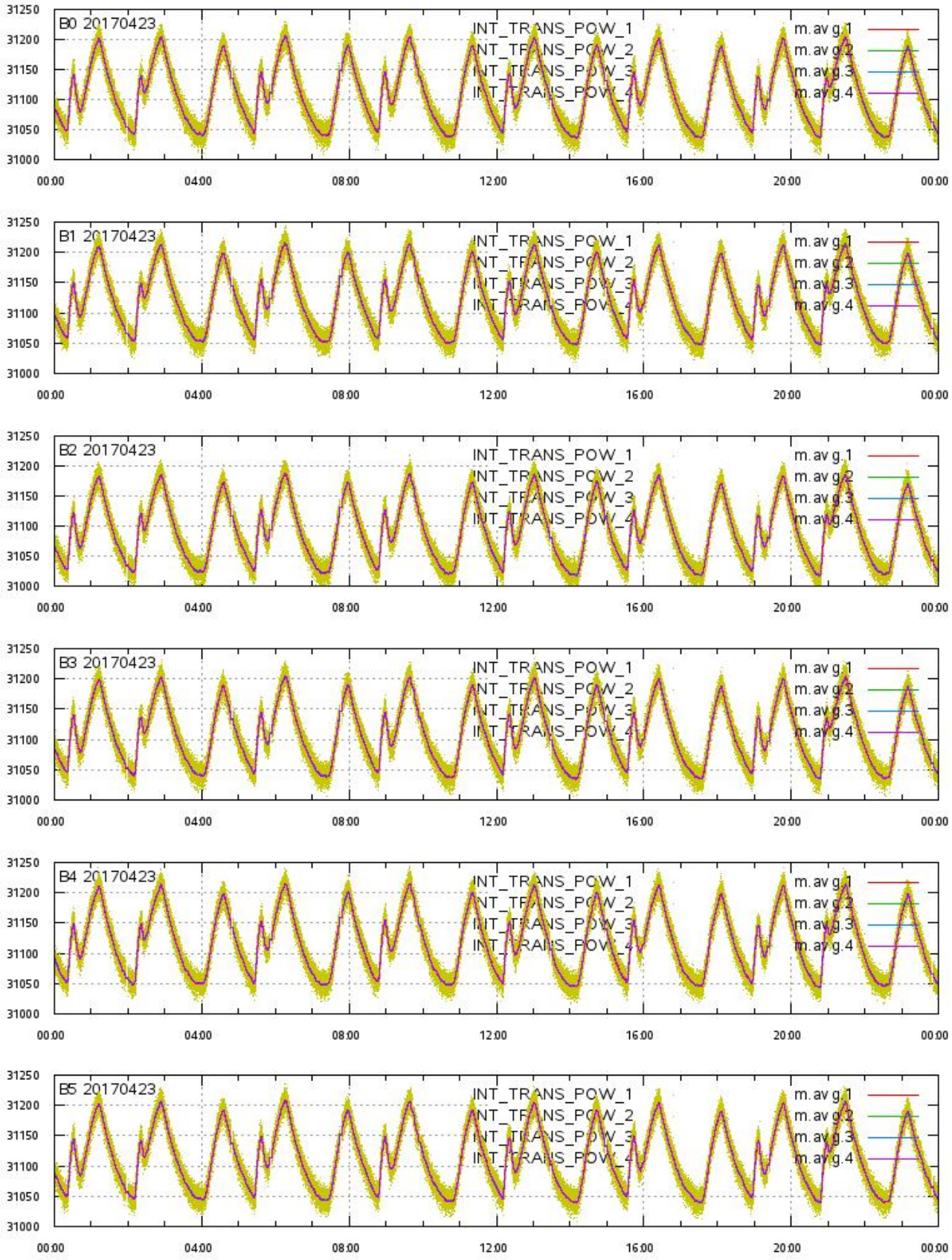






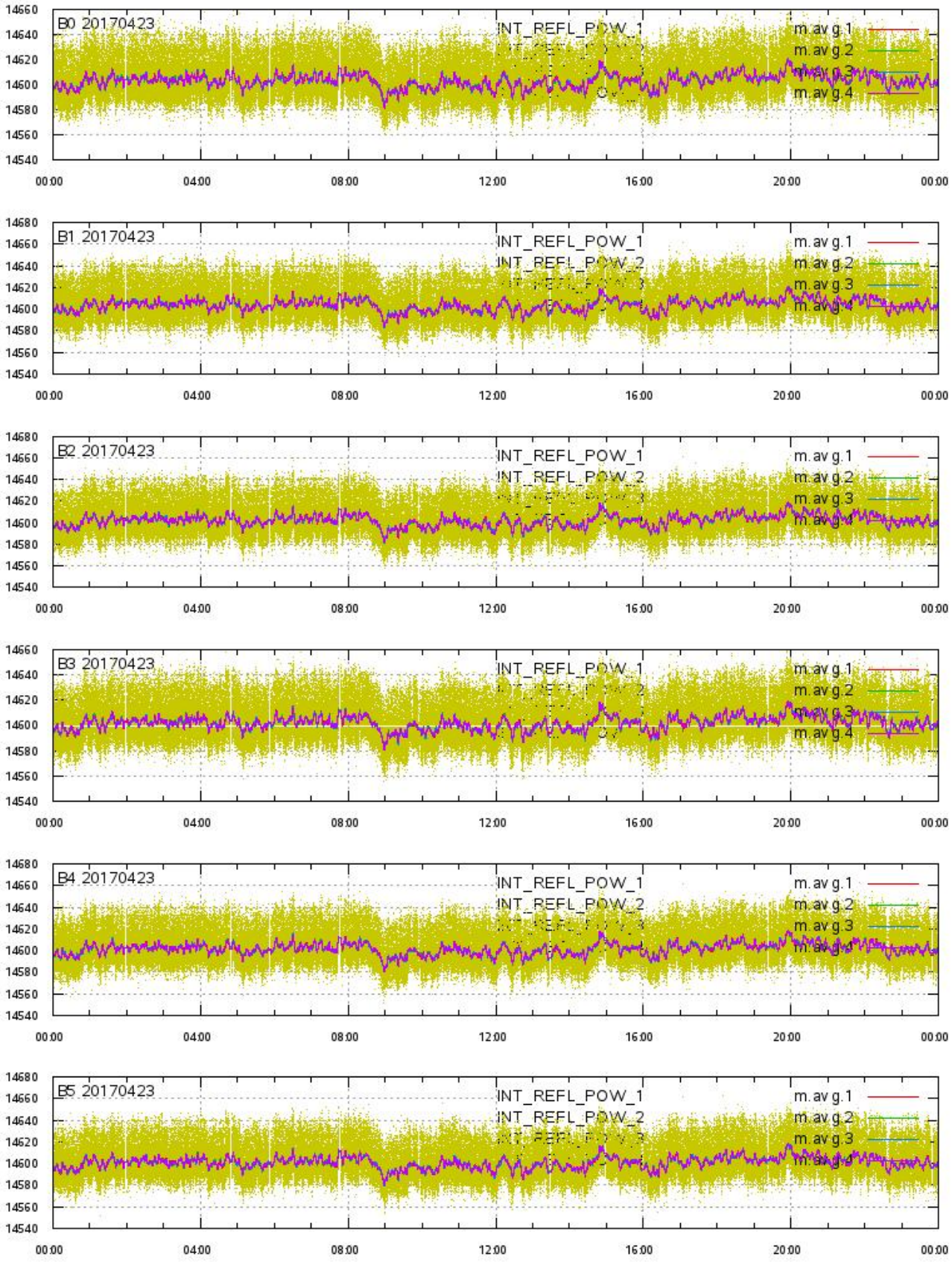
L1A Product

Integrated Transmitted Powers 1-4 per beam 0-5 vs. UTC_LOCALISATION



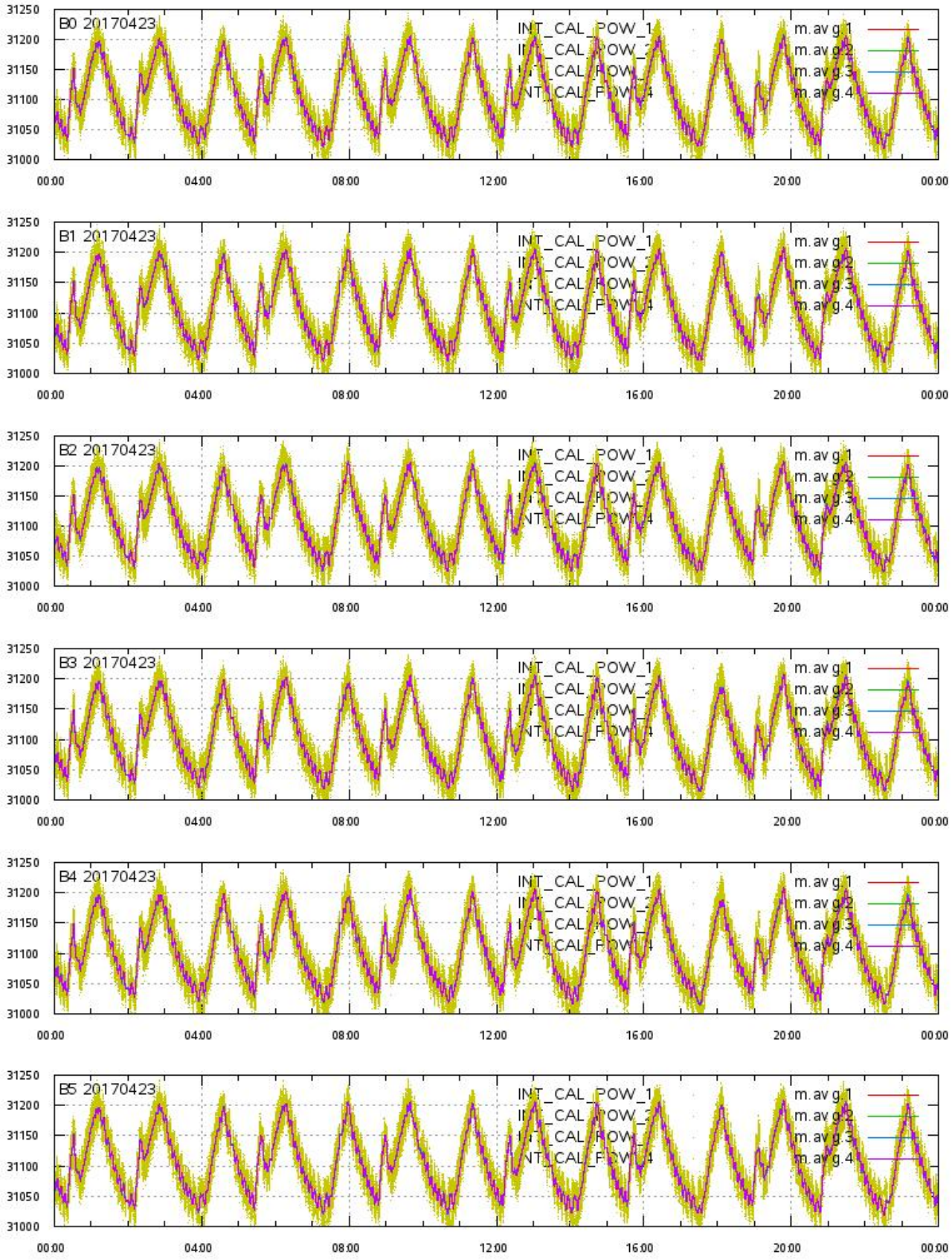
L1A Product

Integrated Reflected Powers 1-4 per beam 0-5 vs. UTC_LOCALISATION



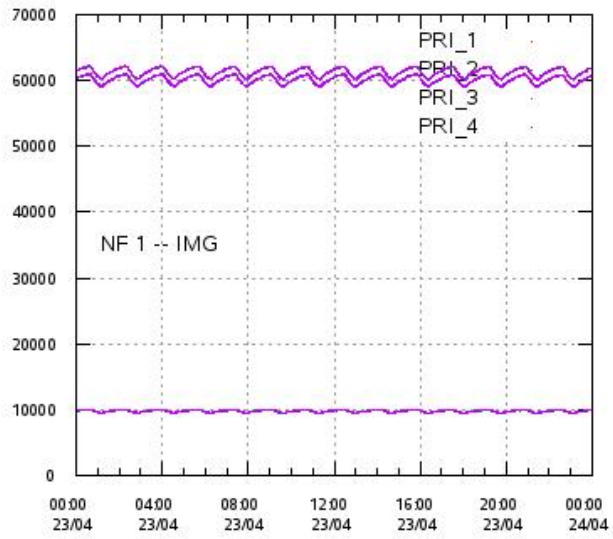
L1A Product

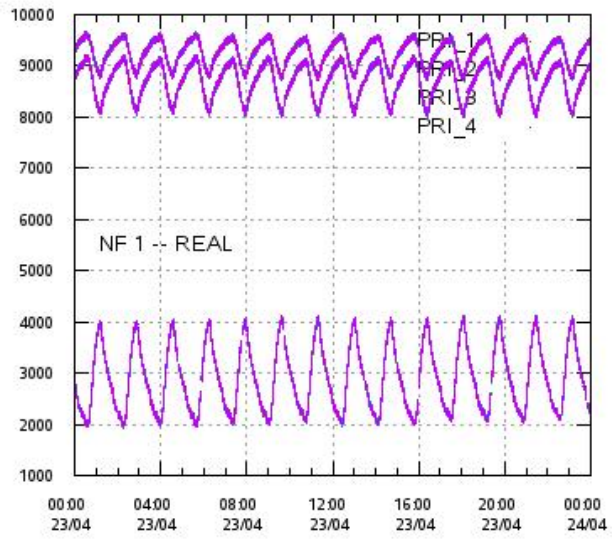
Integrated Calibration Powers 1-4 per beam 0-5 vs. UTC_LOCALISATION

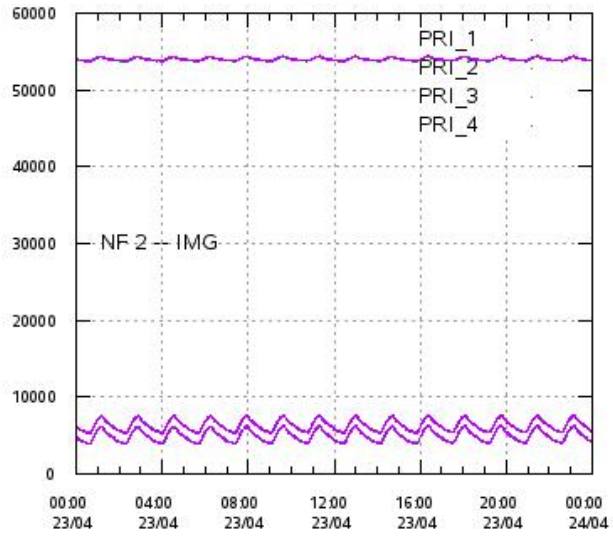


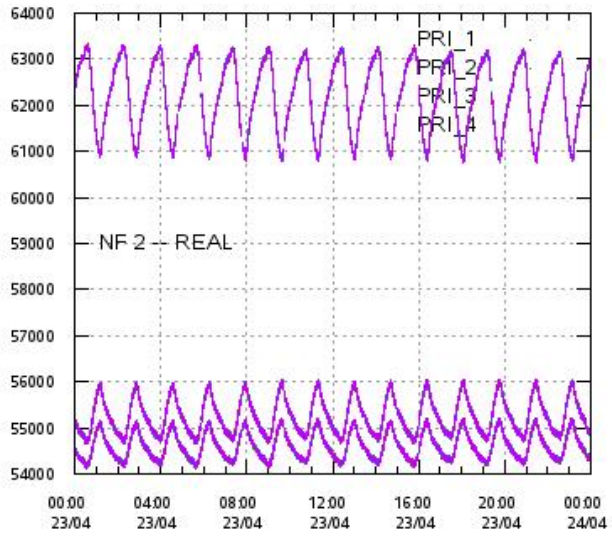
L1A Product

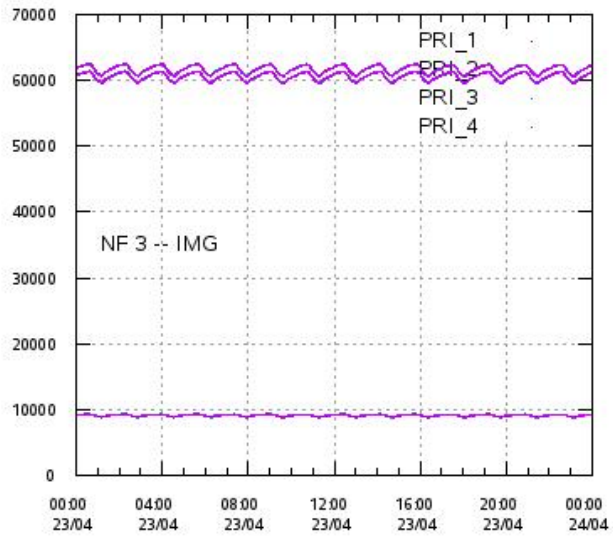
Calibration Powers vs. UTC_LOCALISATION

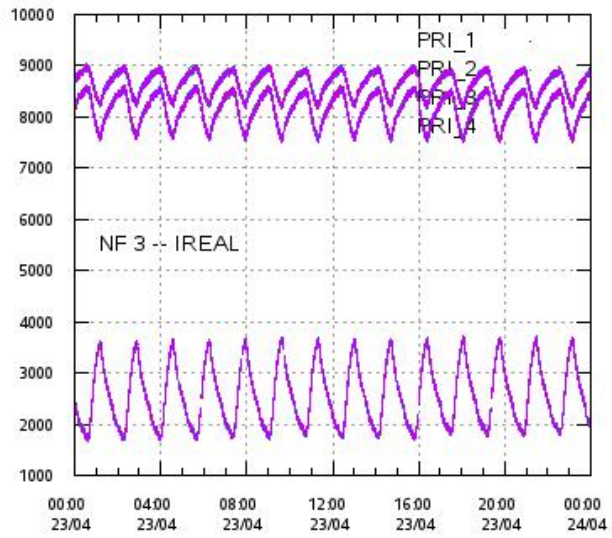






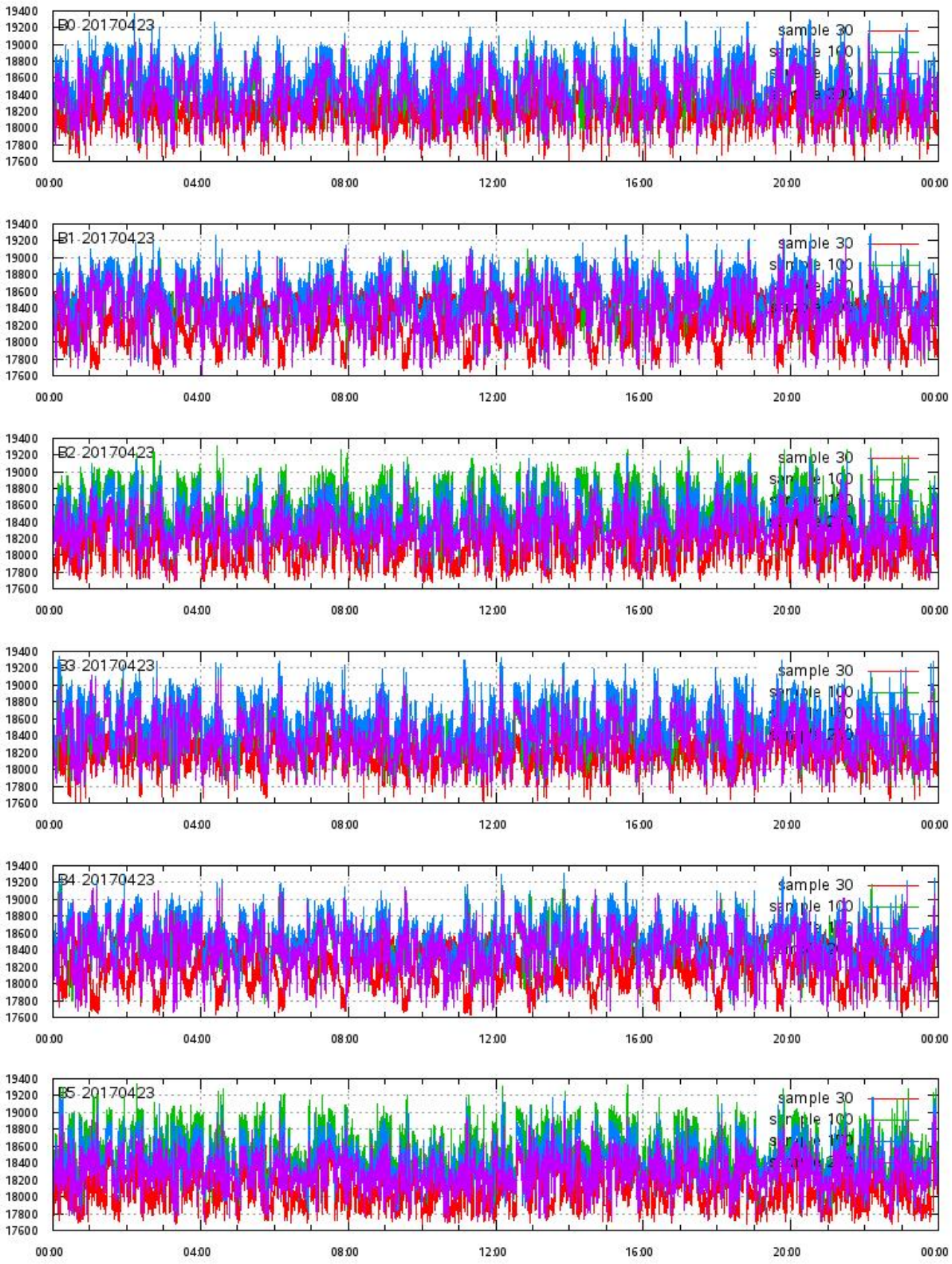






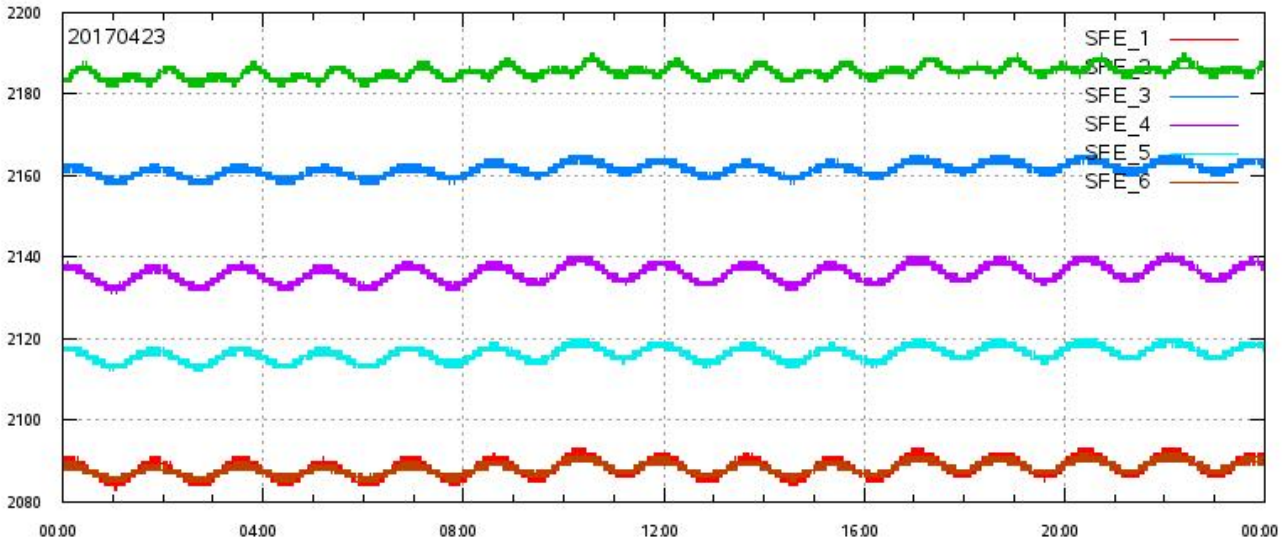
L1A Product

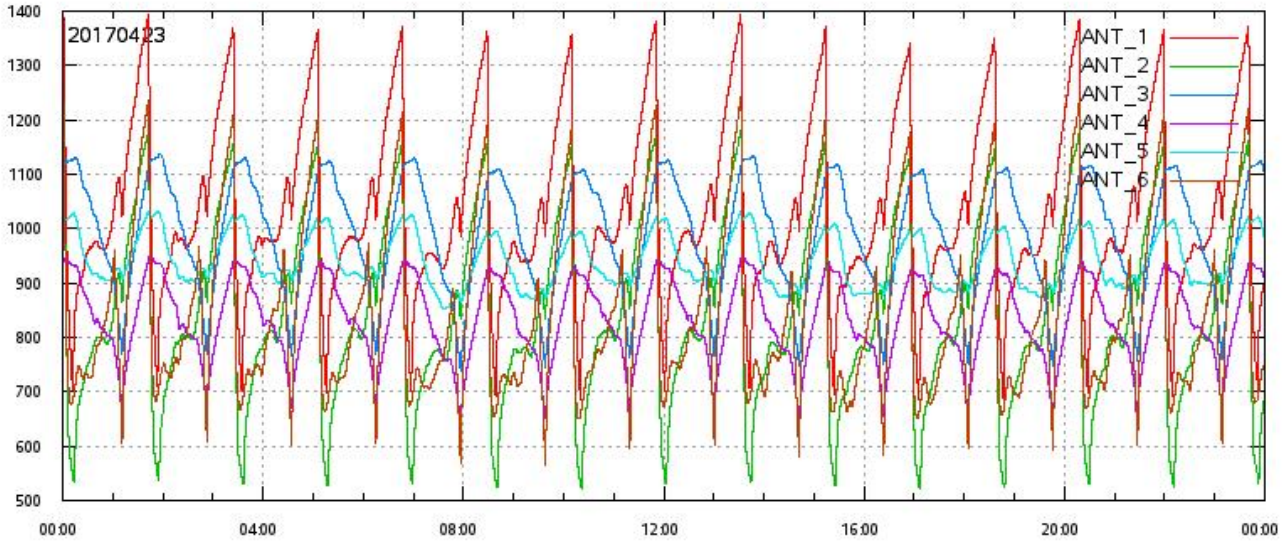
ECHO DATA (raw) for samples 30, 100, 150 and 200 vs. UTC_LOCALISATION

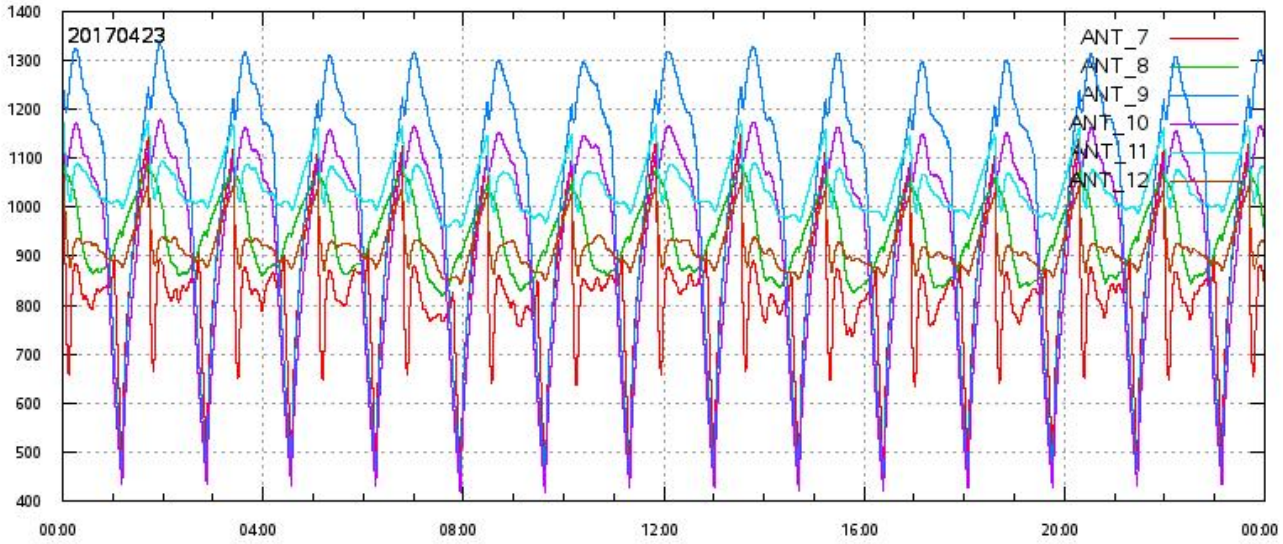


L1A Product

SFE & ANT Temperatures (raw) vs. UTC_LOCALISATION

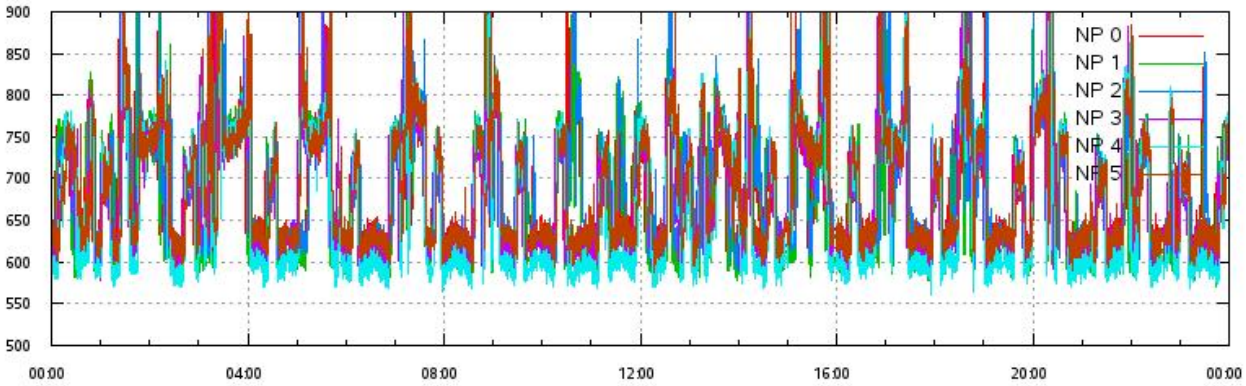


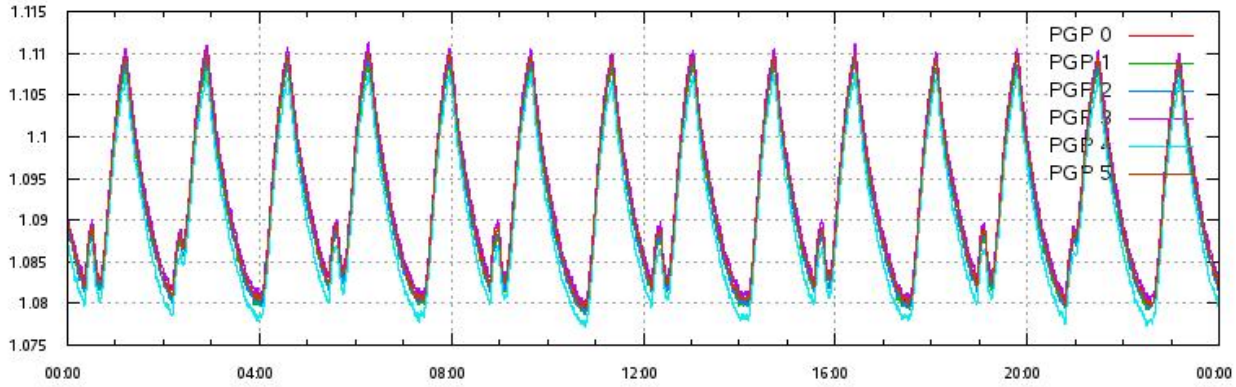


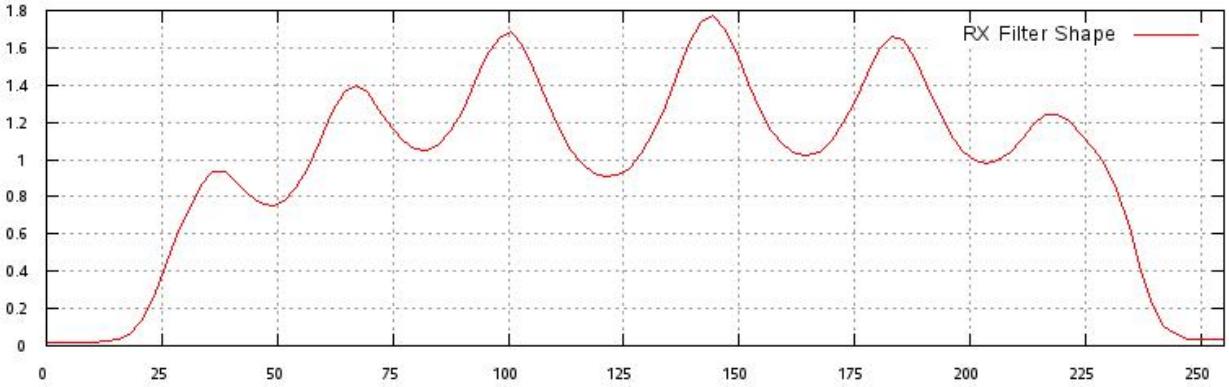


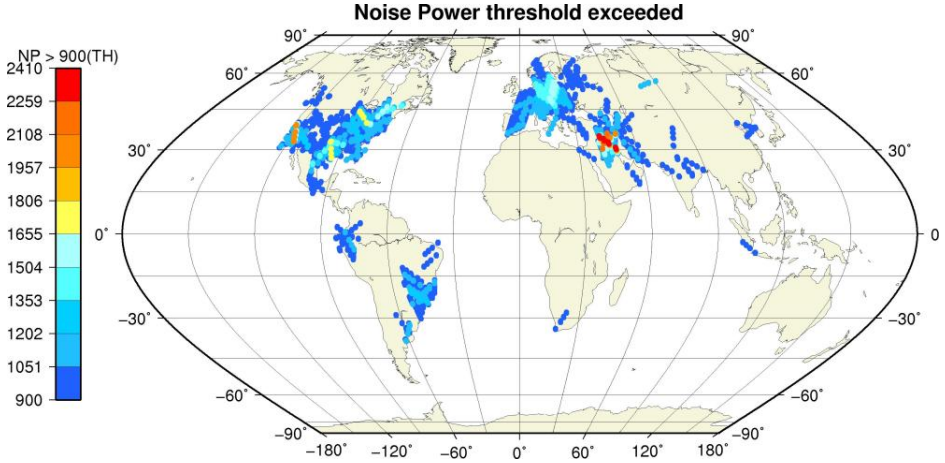
L1A Product

Noise Power & Power Gain Product per beam 0-5 vs. UTC_LOCALISATION
RX Filter Shape average over sample number
Noise Power threshold exceeded (TH=900) on map



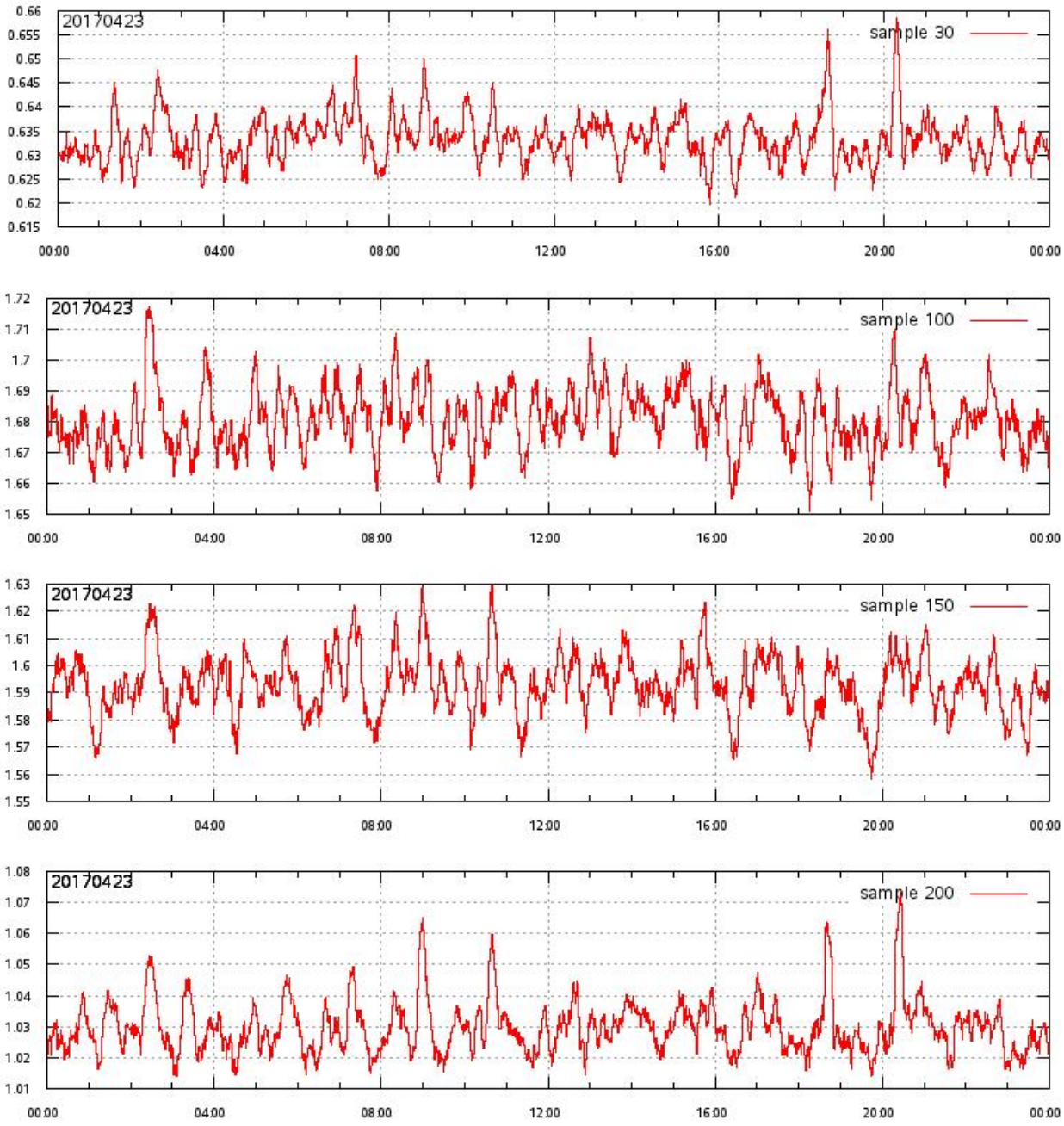






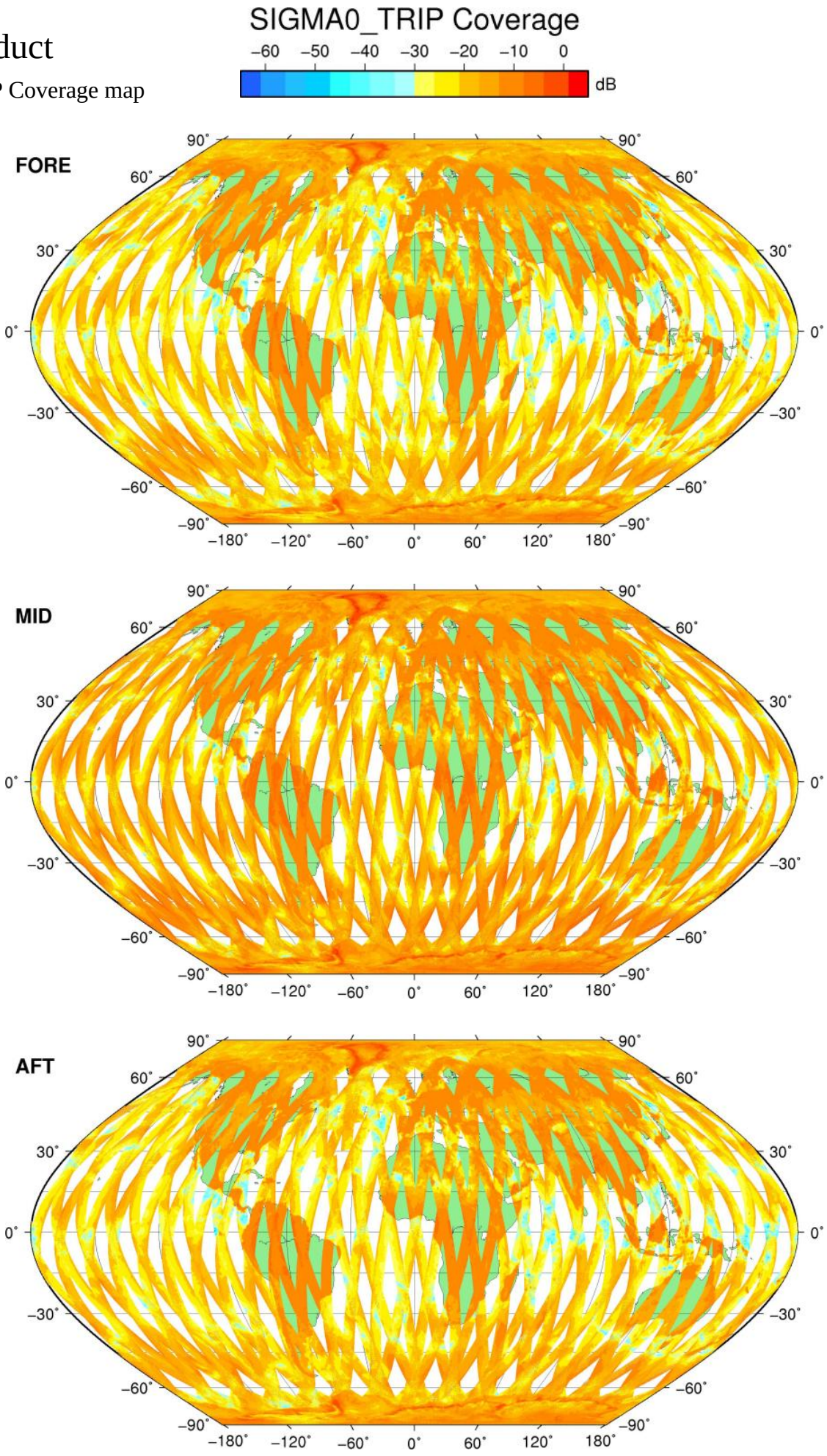
L1A Product

RX filter shape in detail for sample 30,100,150, 200 & max vs. UTC_LOCALISATION



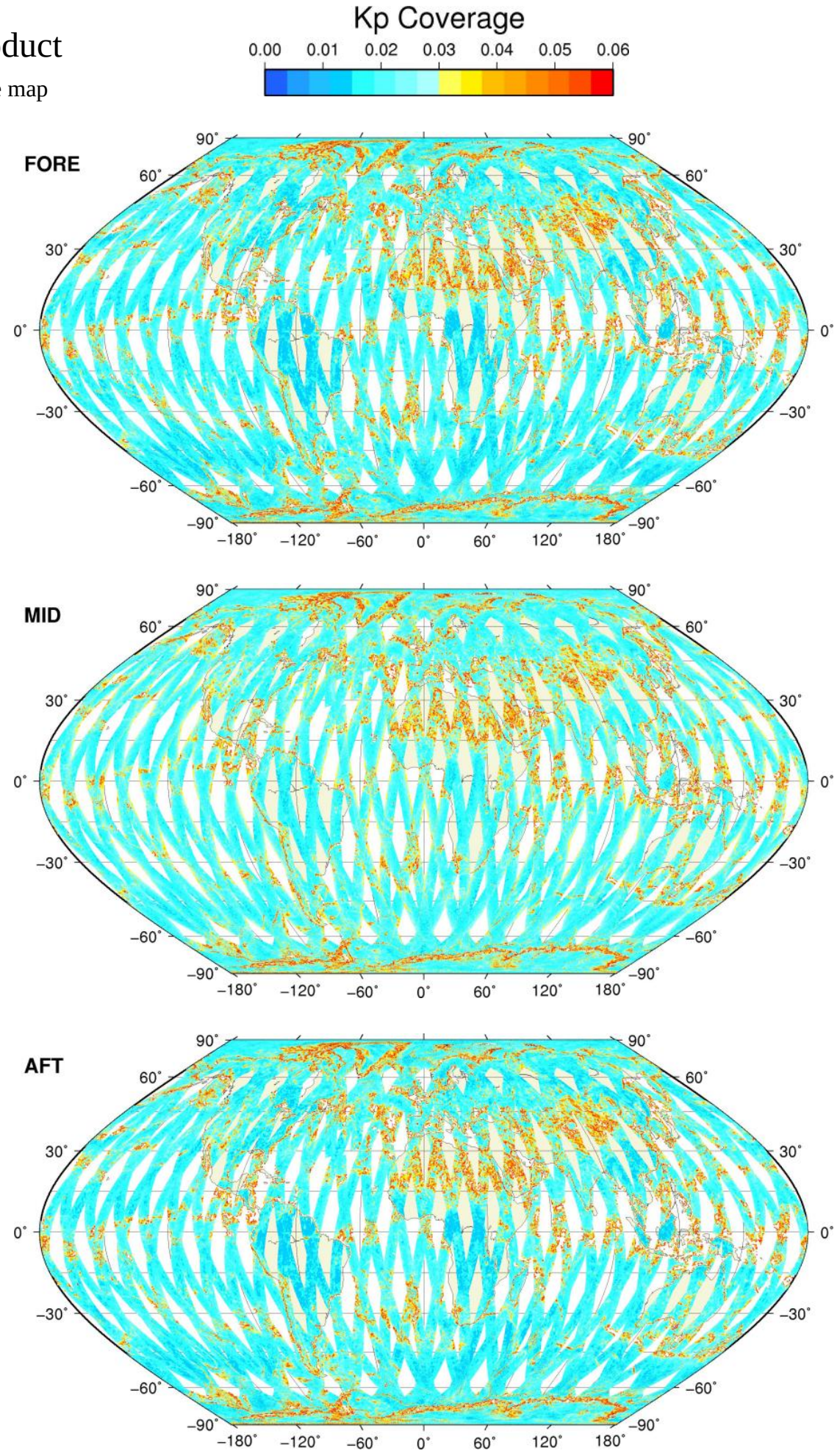
SZO Product

Sigma0_TRIP Coverage map



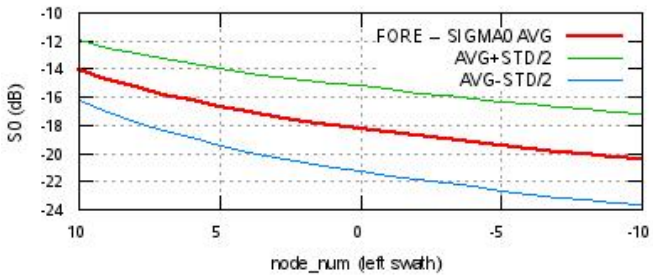
SZO Product

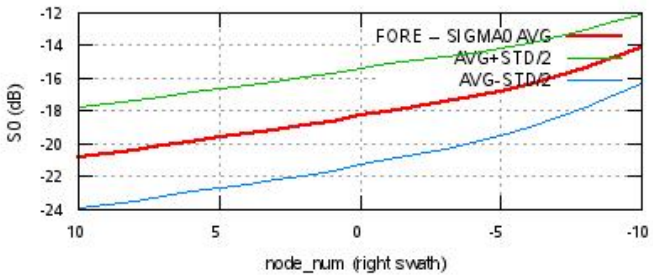
Kp Coverage map

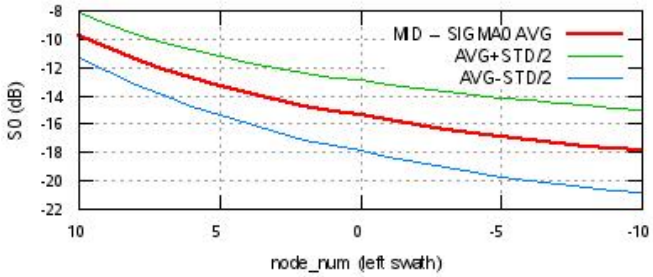


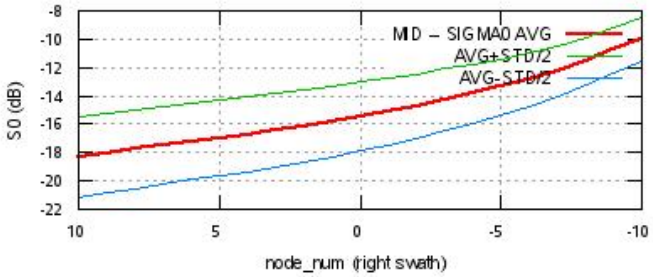
SZO Product

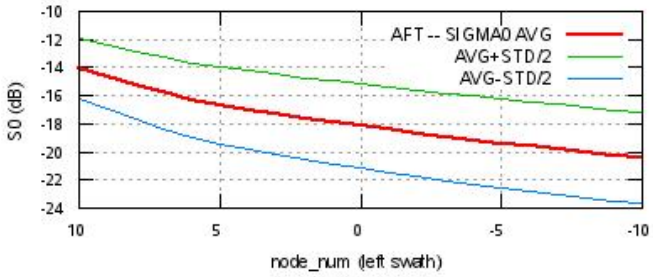
S0 - Kp Statistics

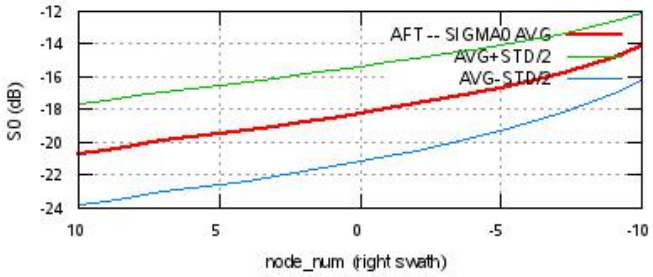


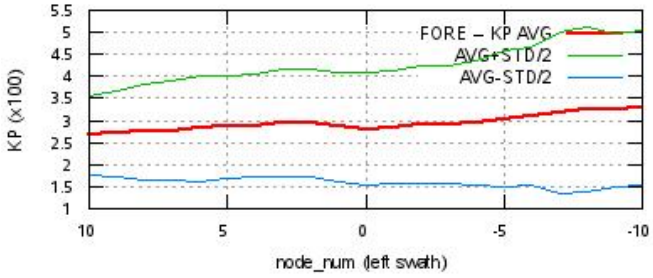


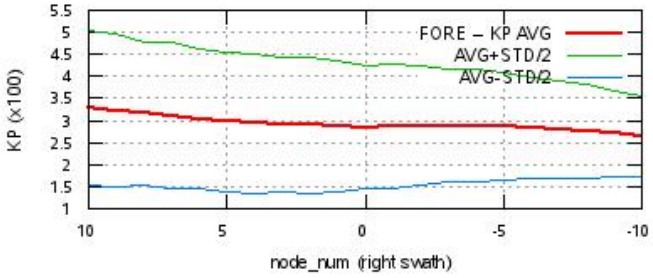


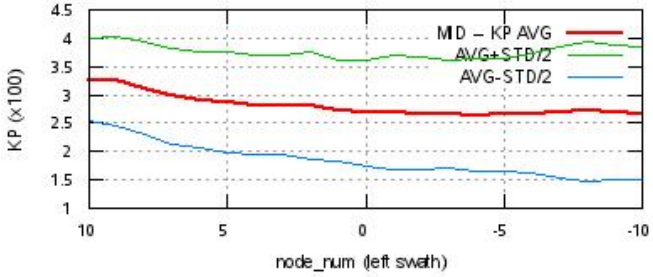


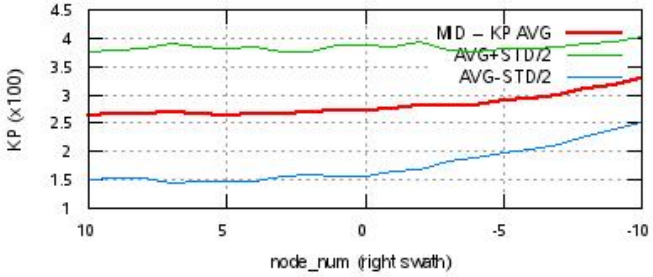


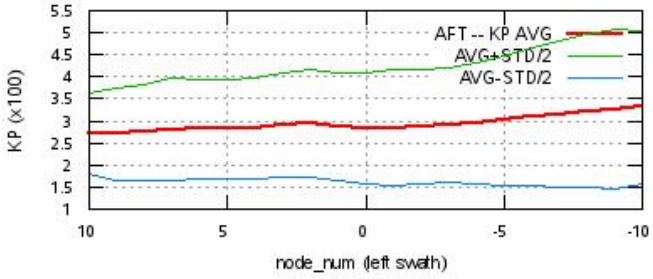


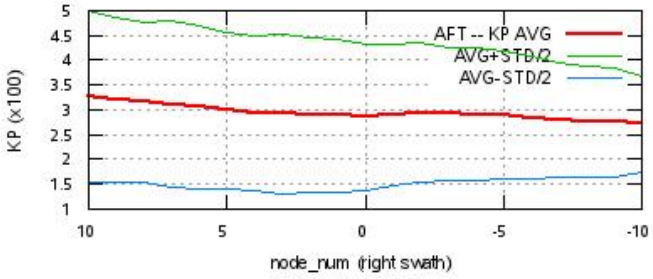






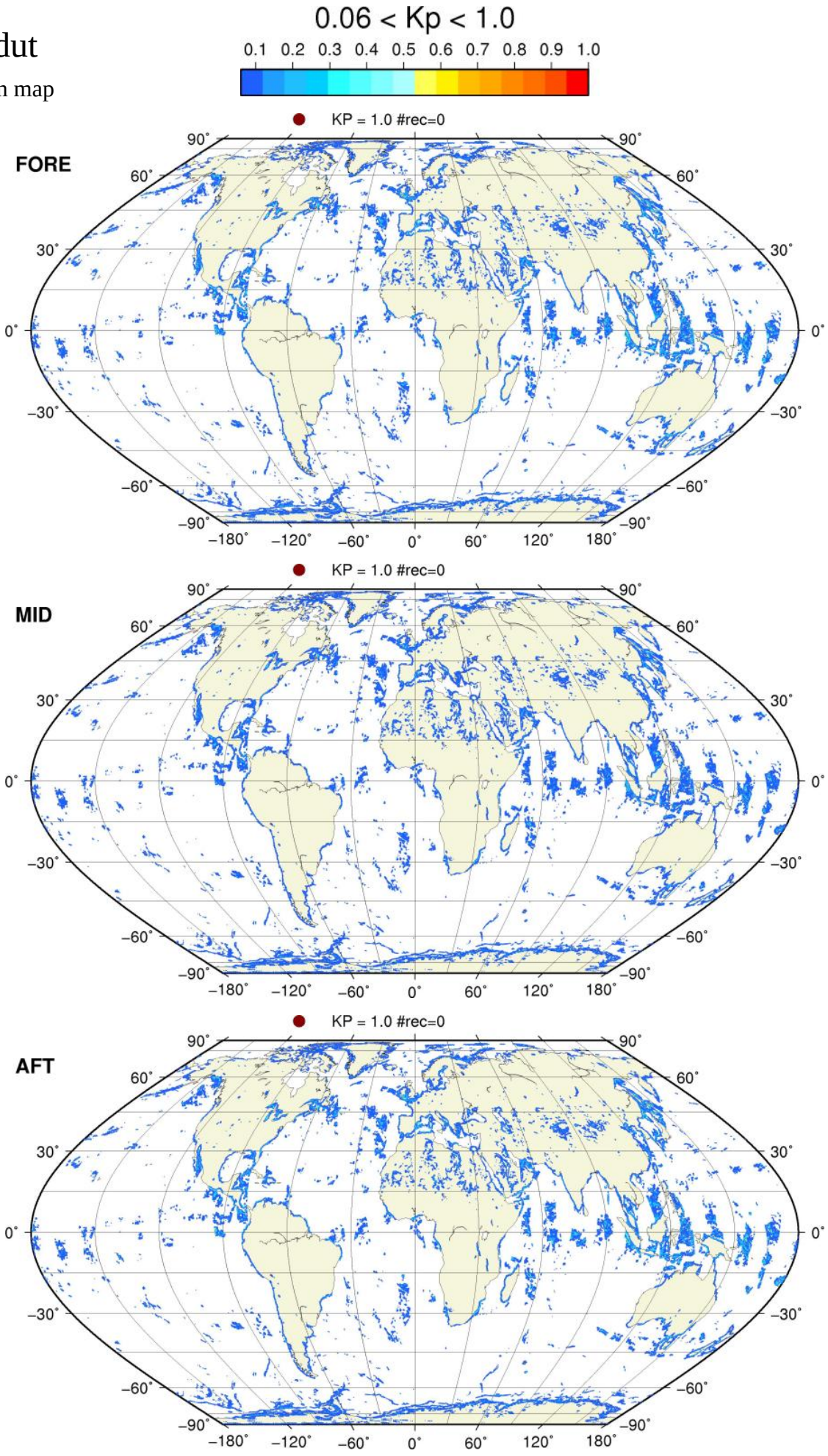






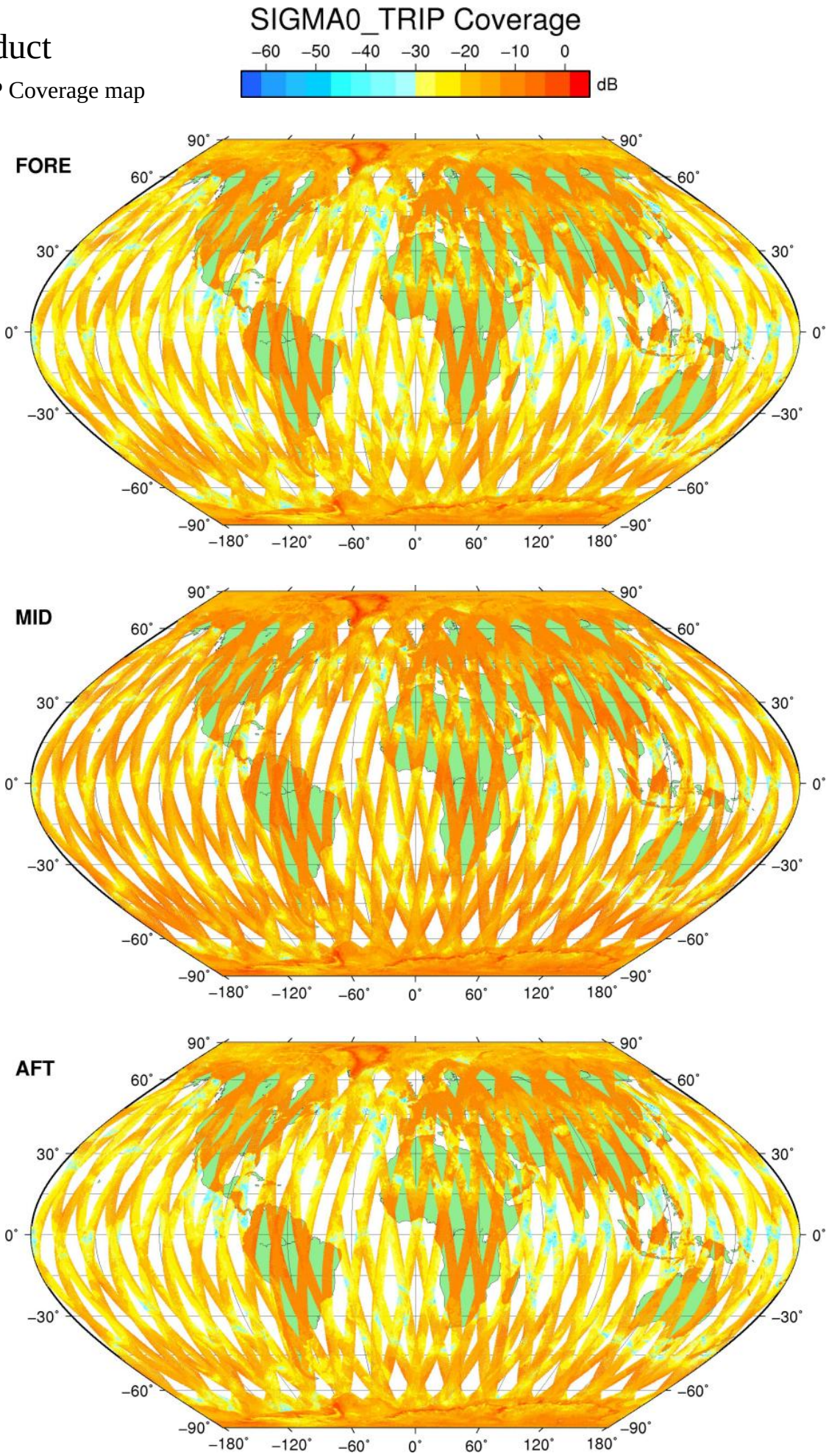
SZO Produt

Kp Outliers on map



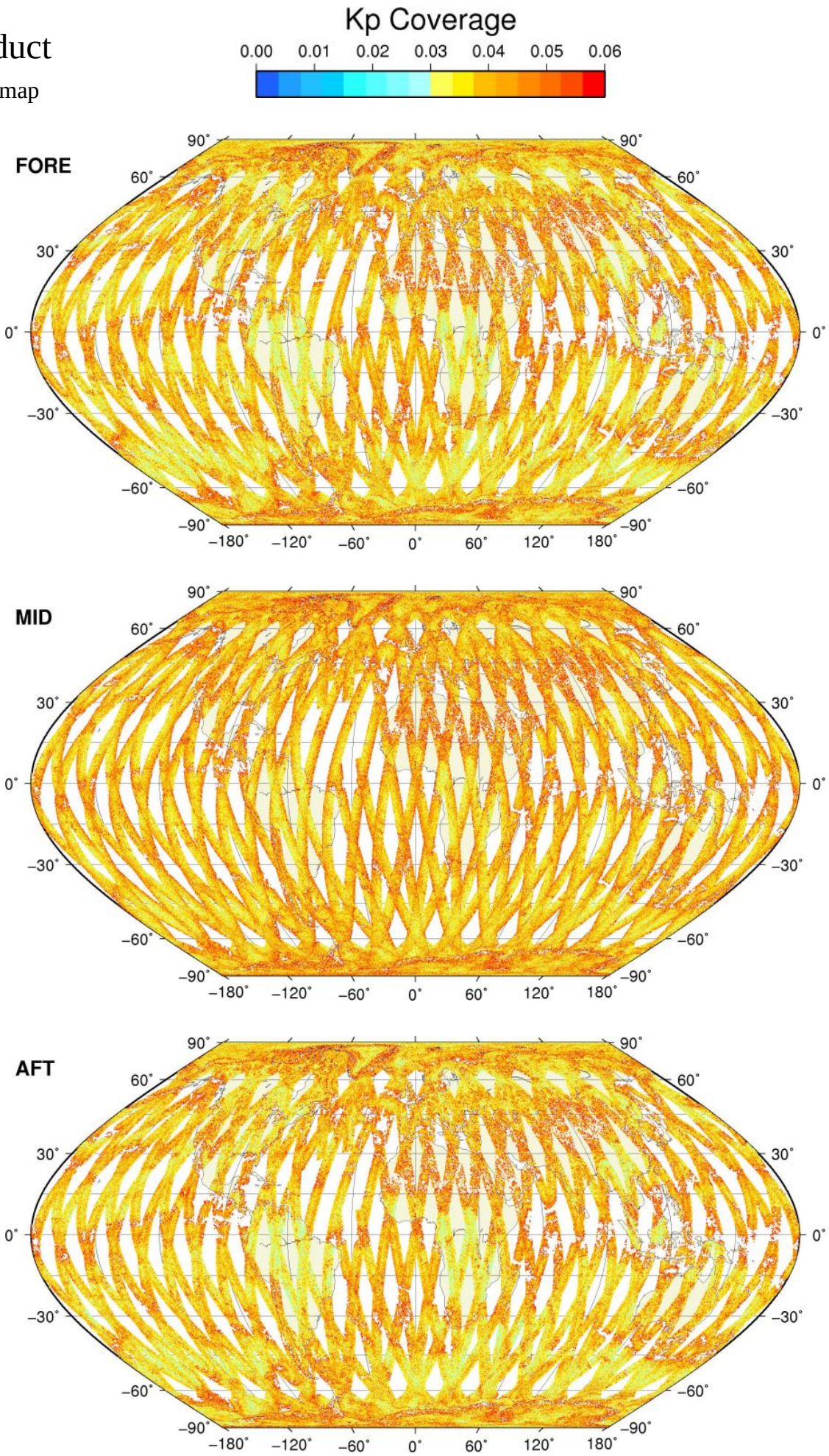
SZR Product

Sigma0_TRIP Coverage map



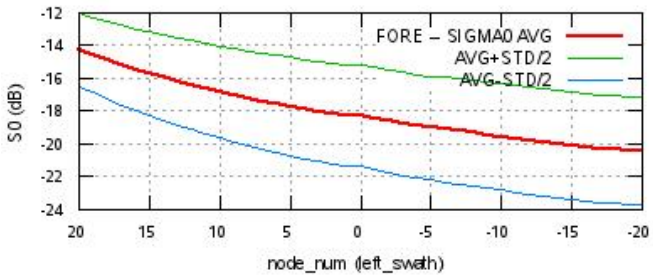
SZR Product

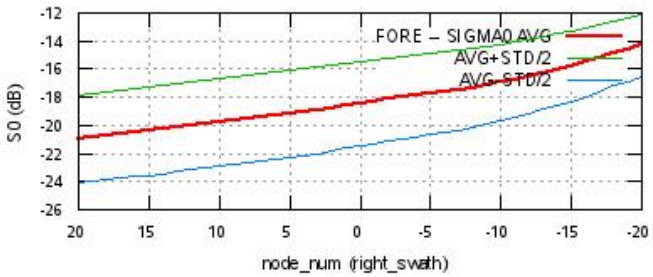
Kp Coverage map

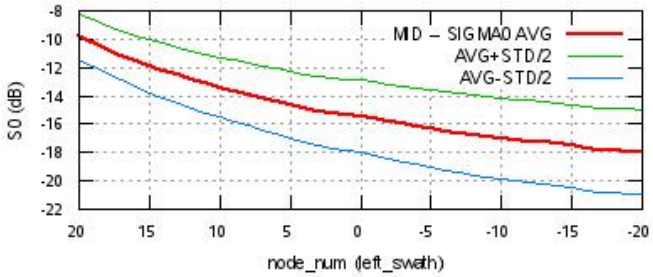


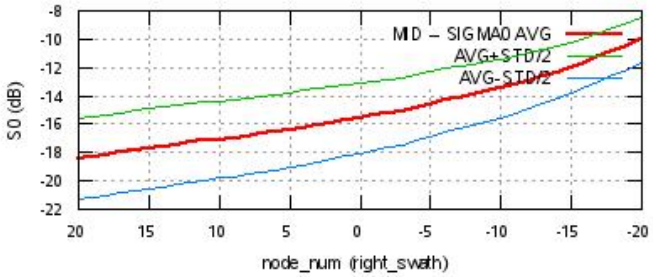
SZR Product

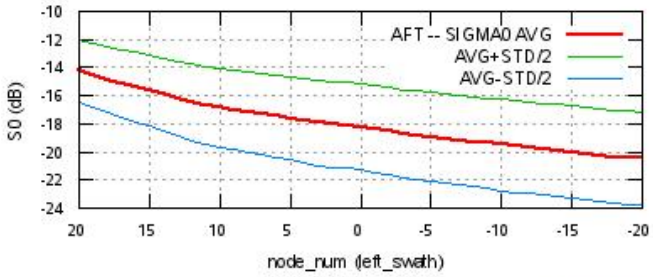
S0 - Kp Statistics

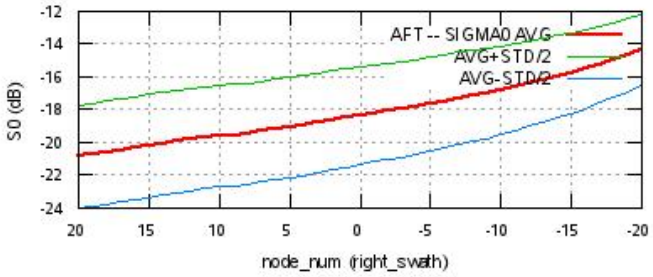


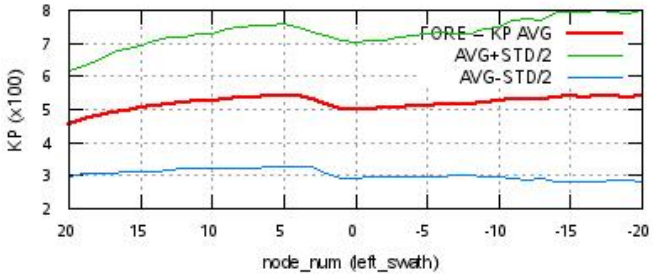


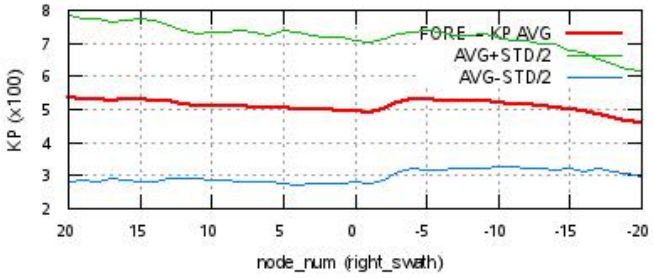


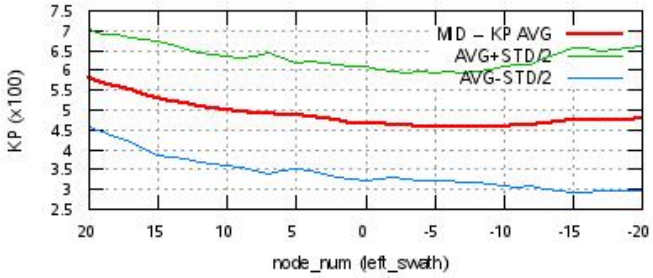


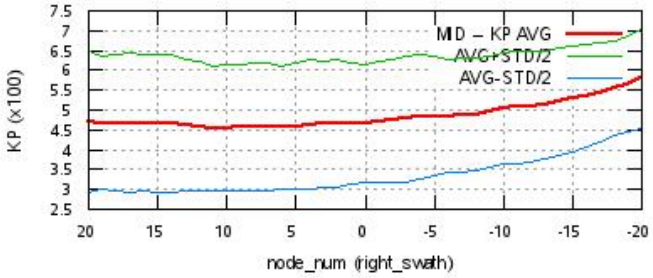


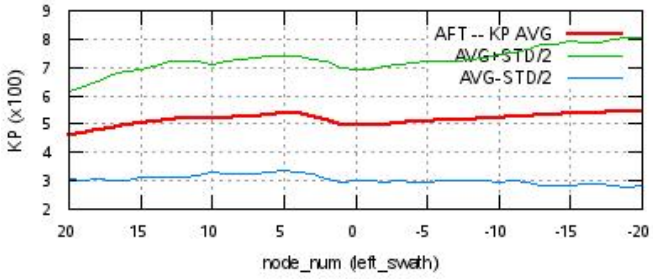


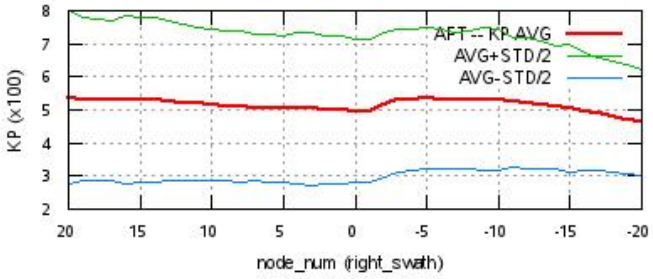






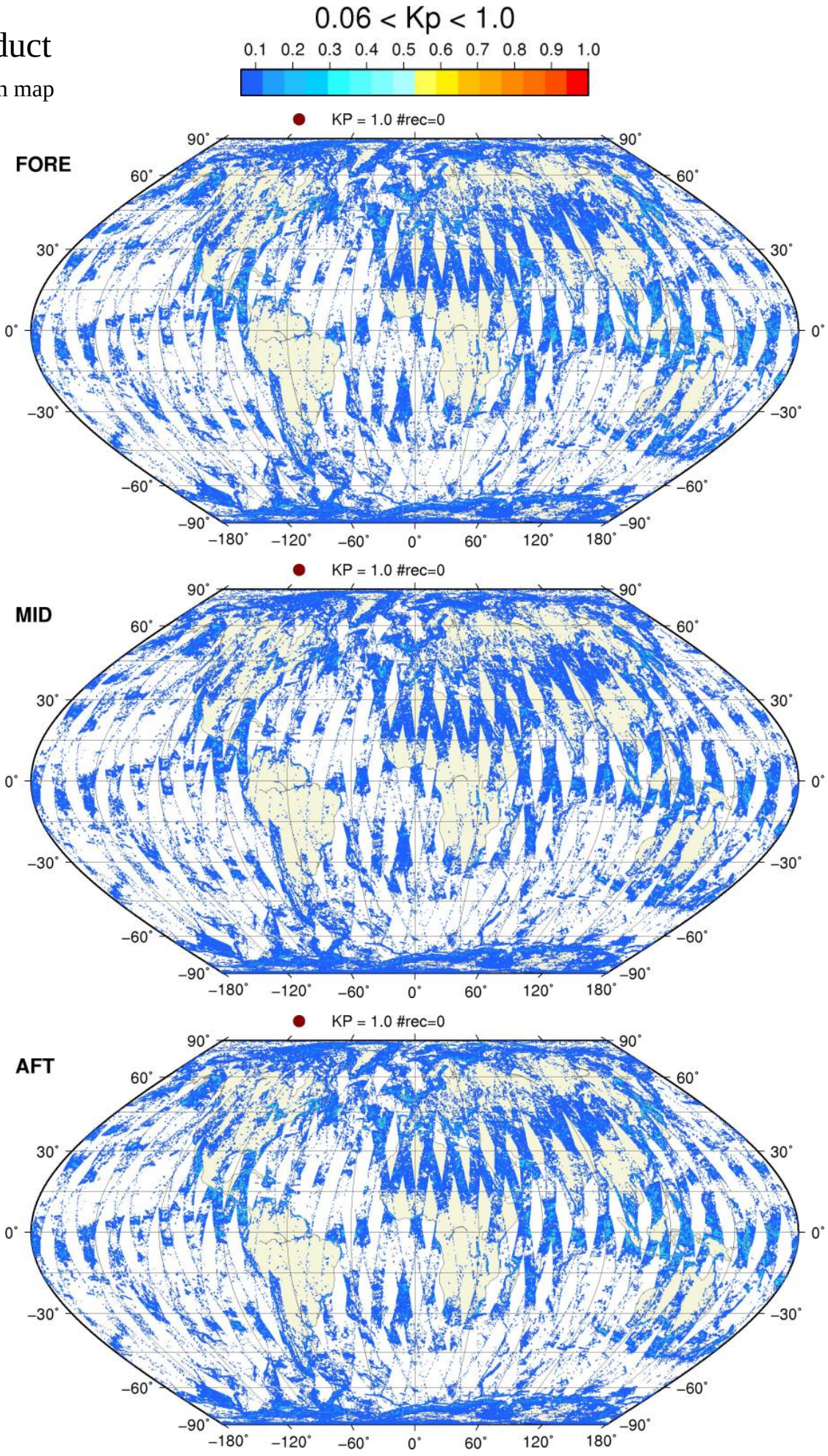






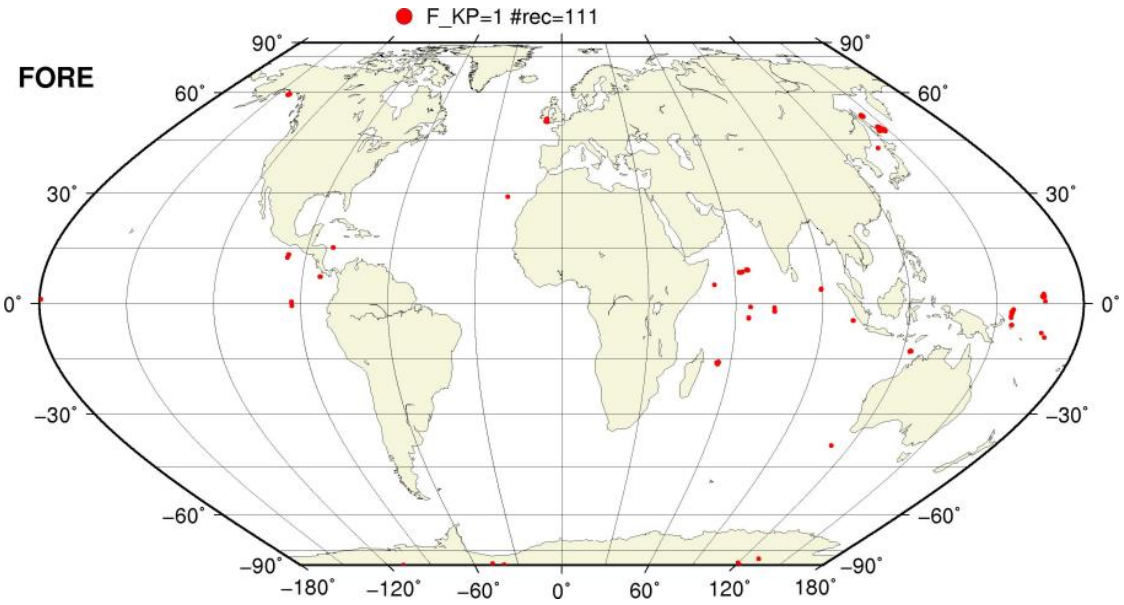
SZR Product

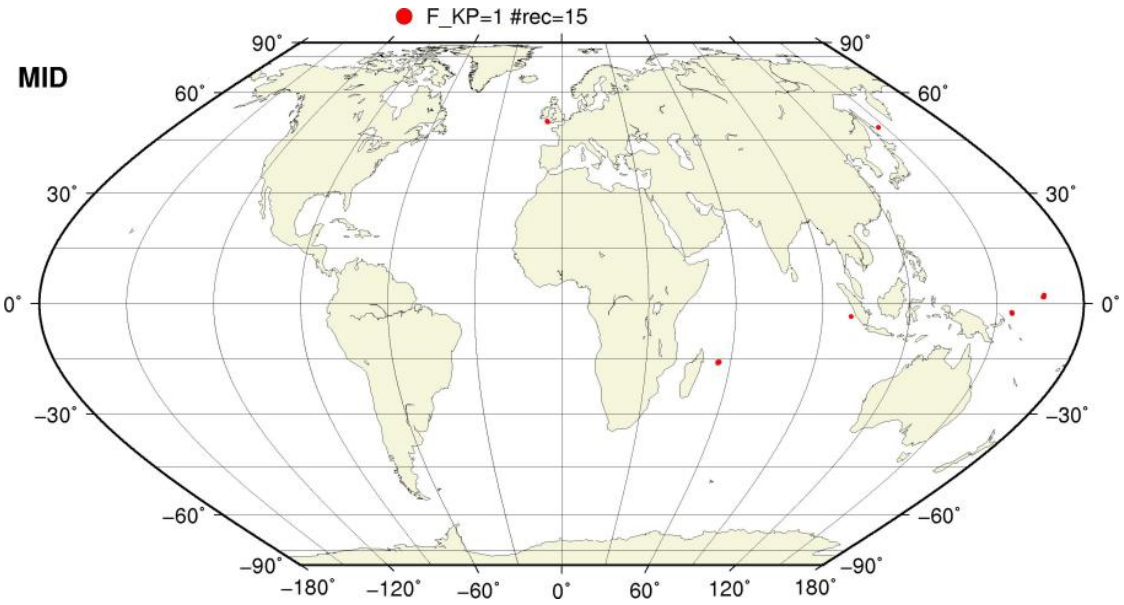
Kp Outliers on map

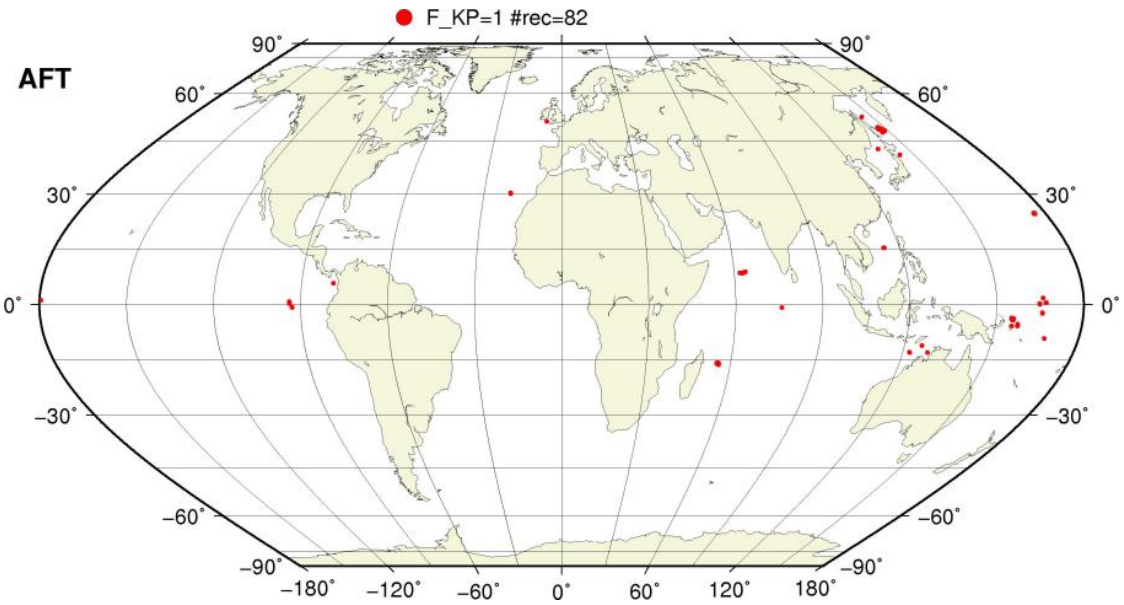


SZO Flagged Data Coverage

F_KP = 1 on map







SZO Flagged Data Coverage

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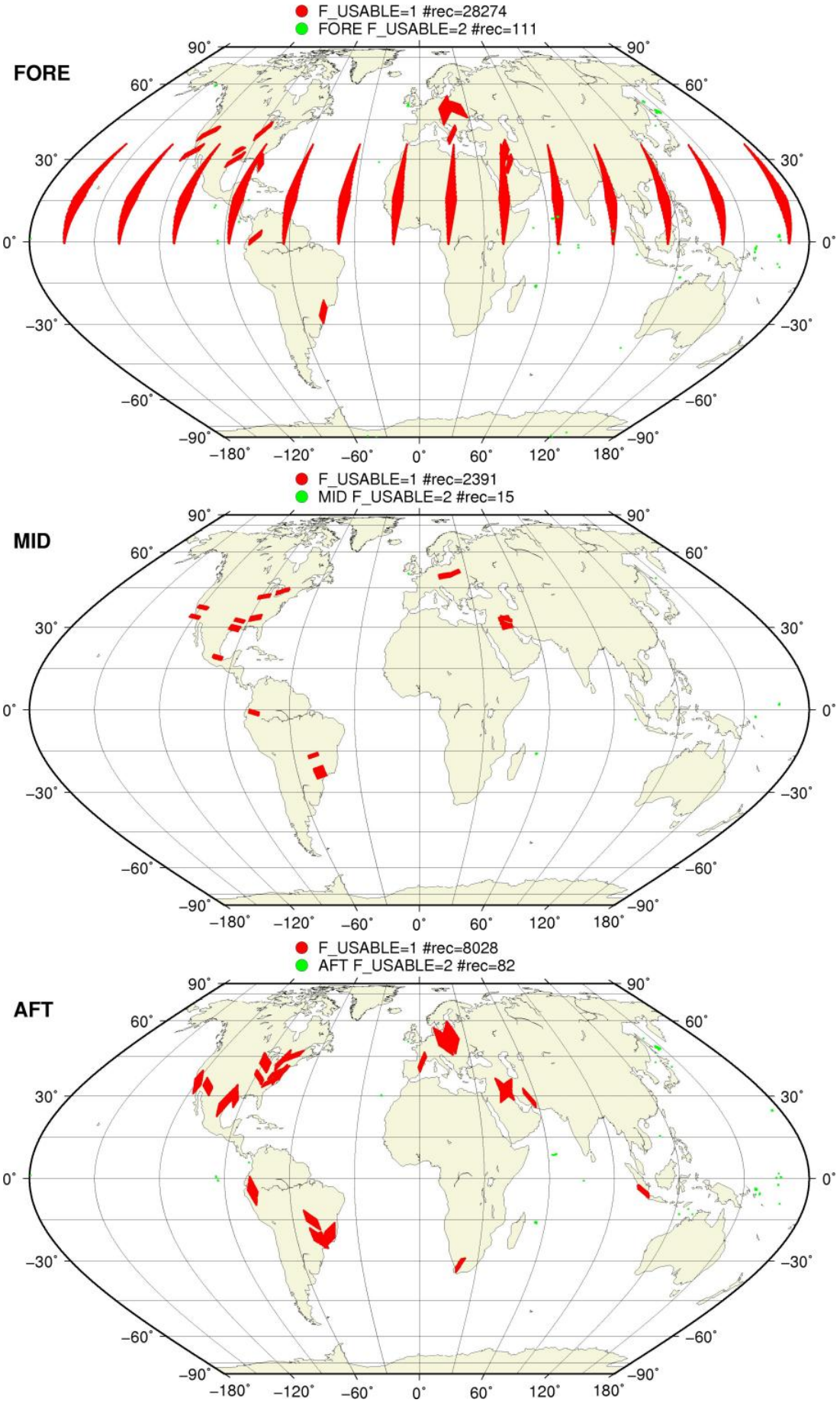

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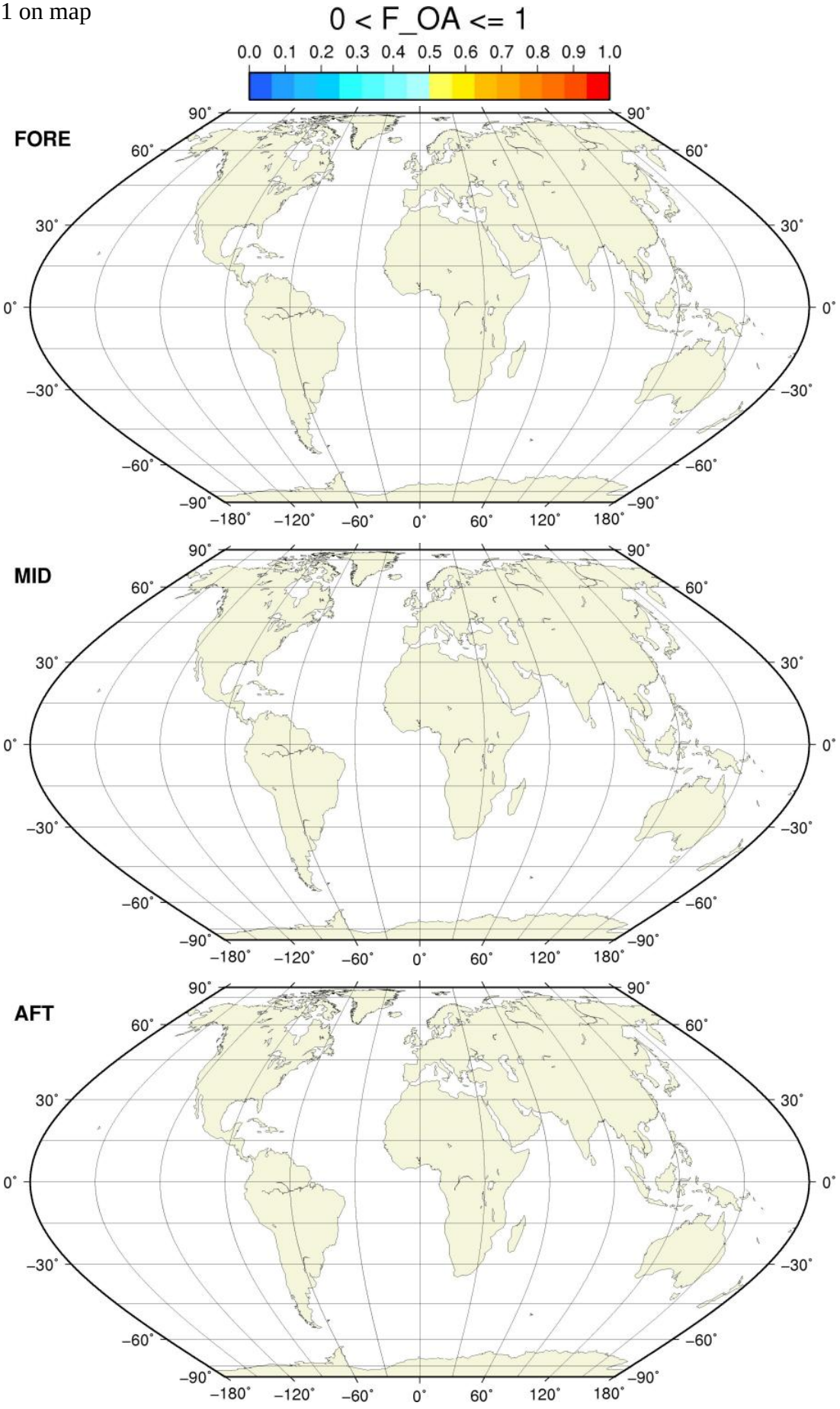

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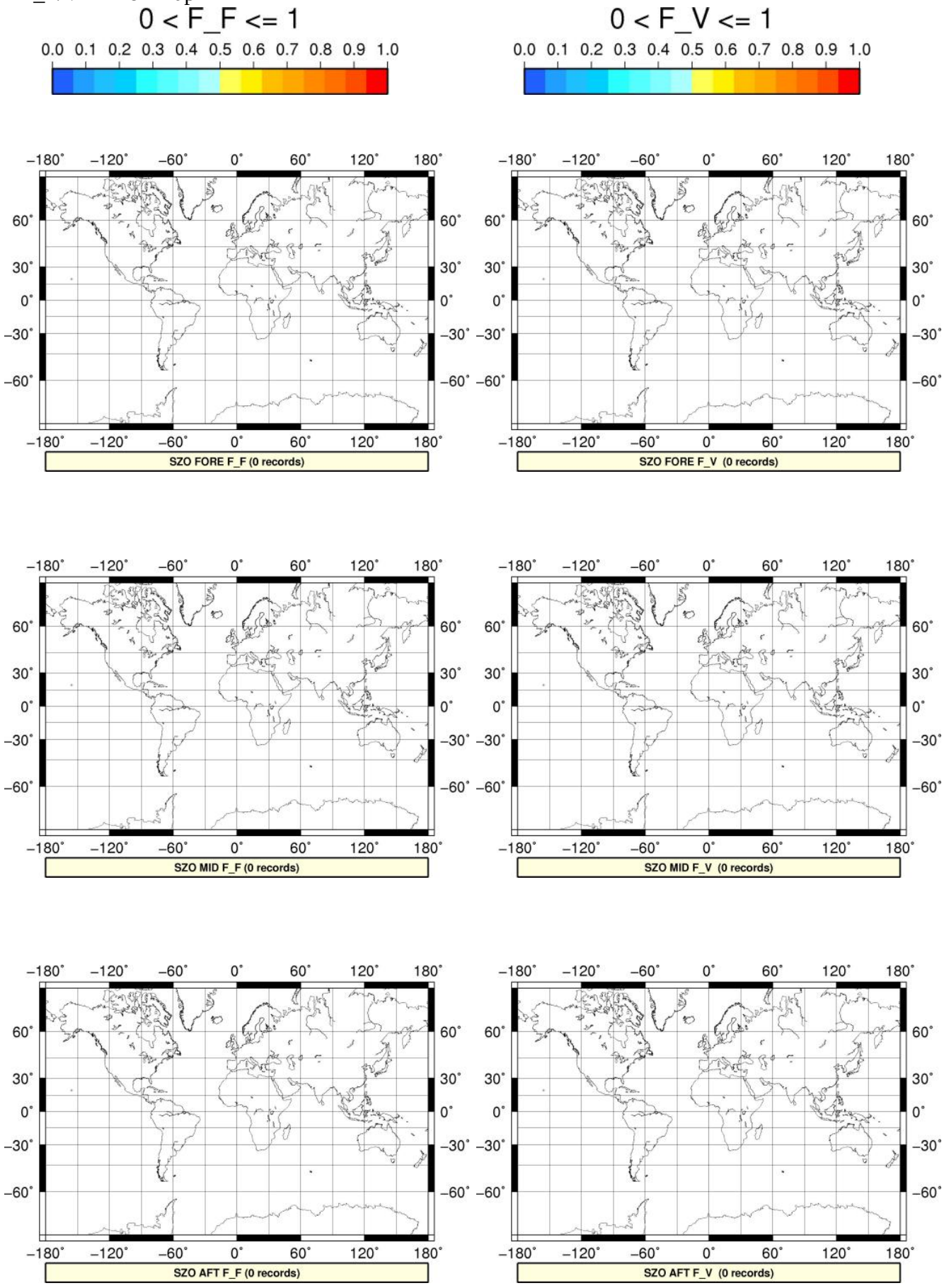

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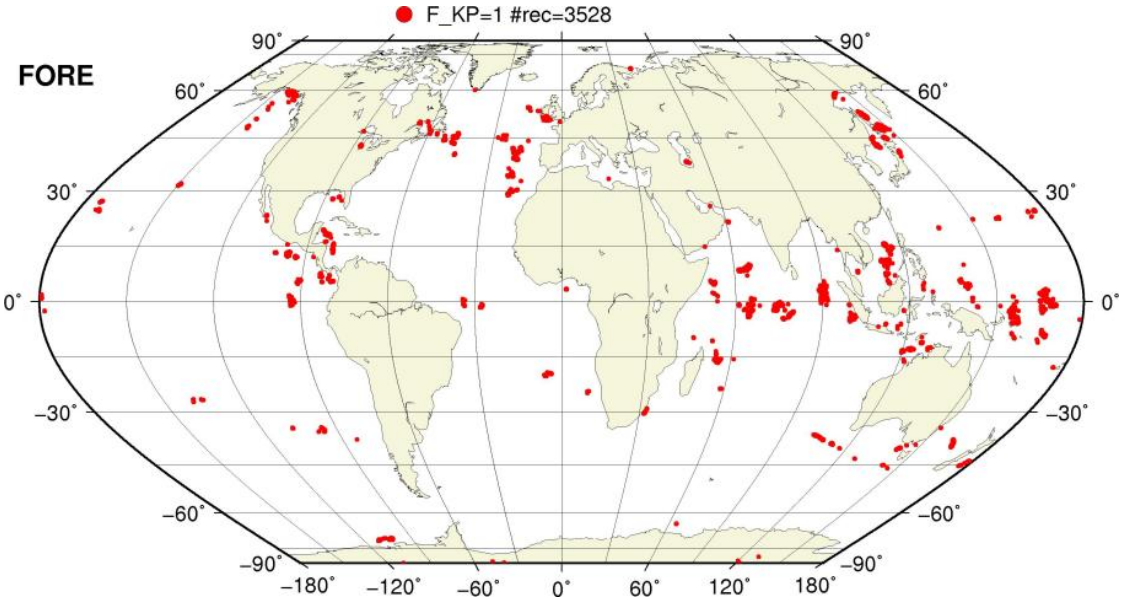

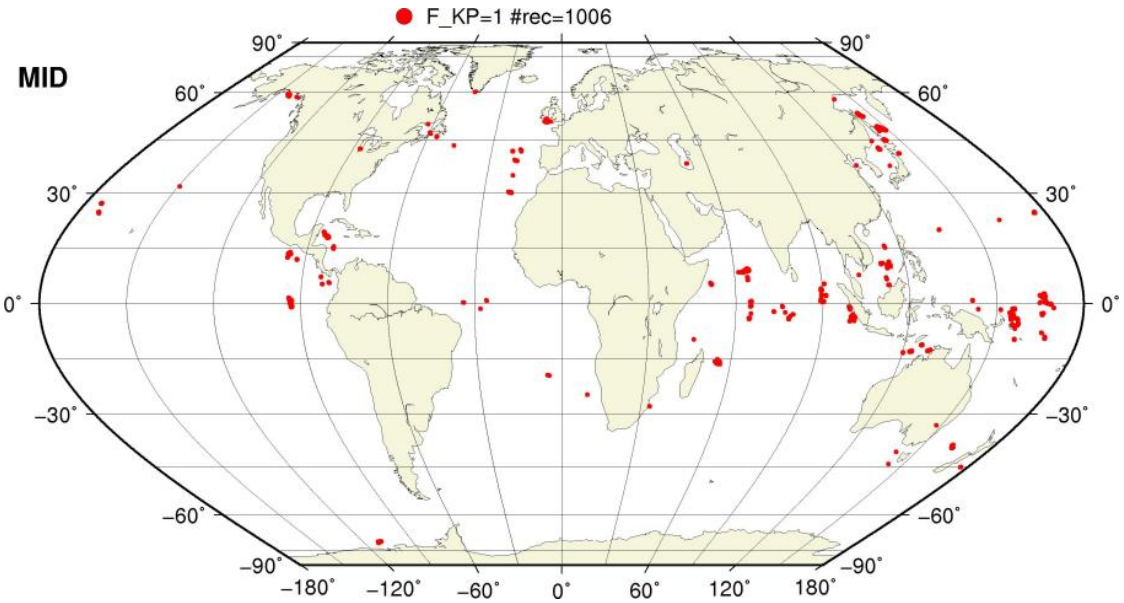

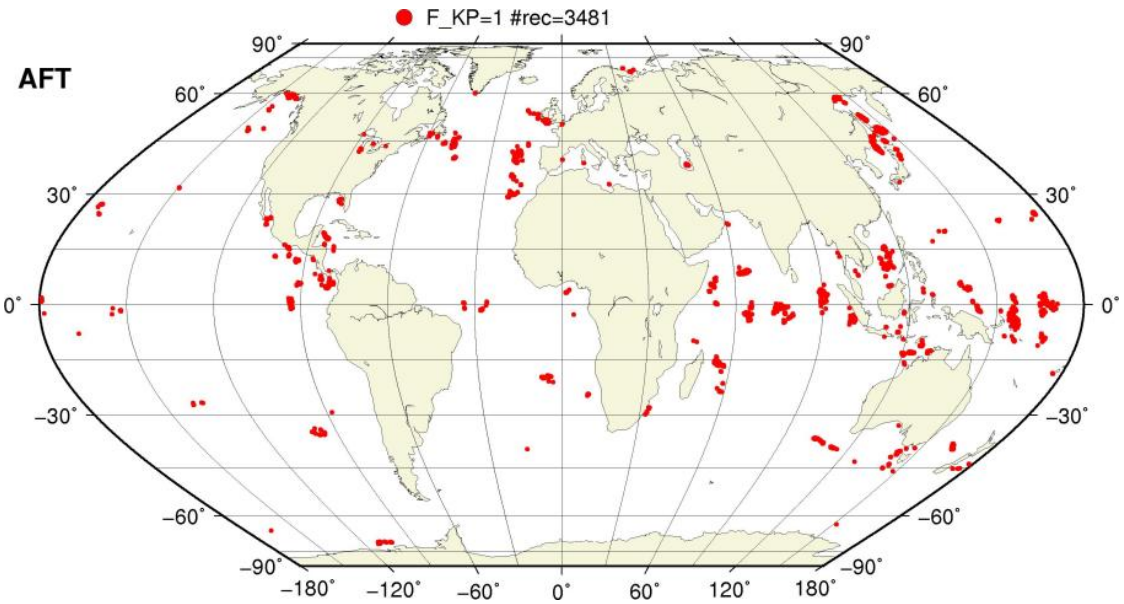

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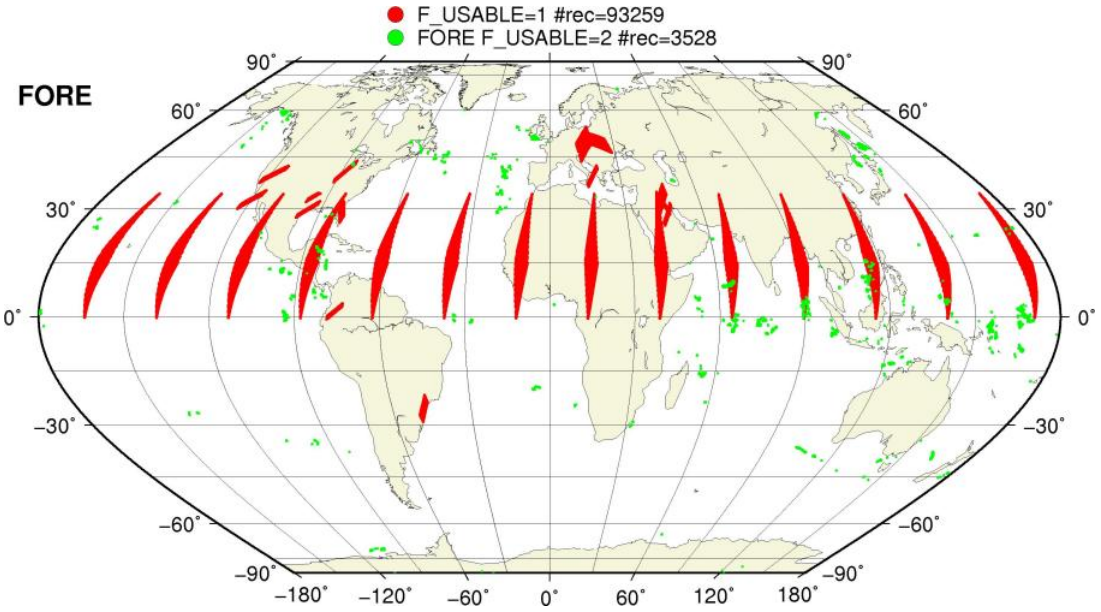

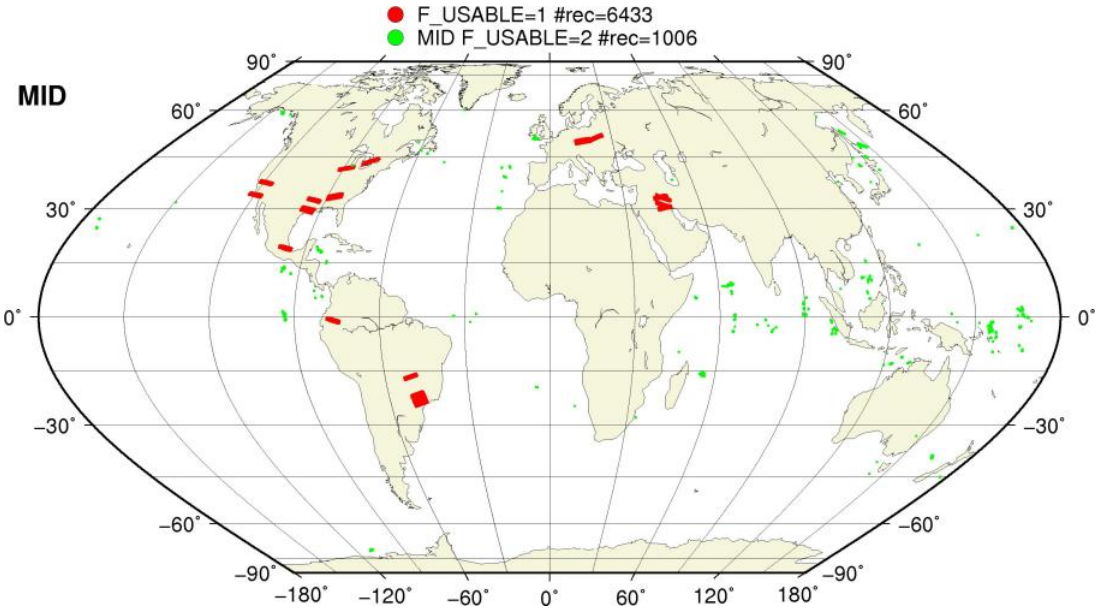

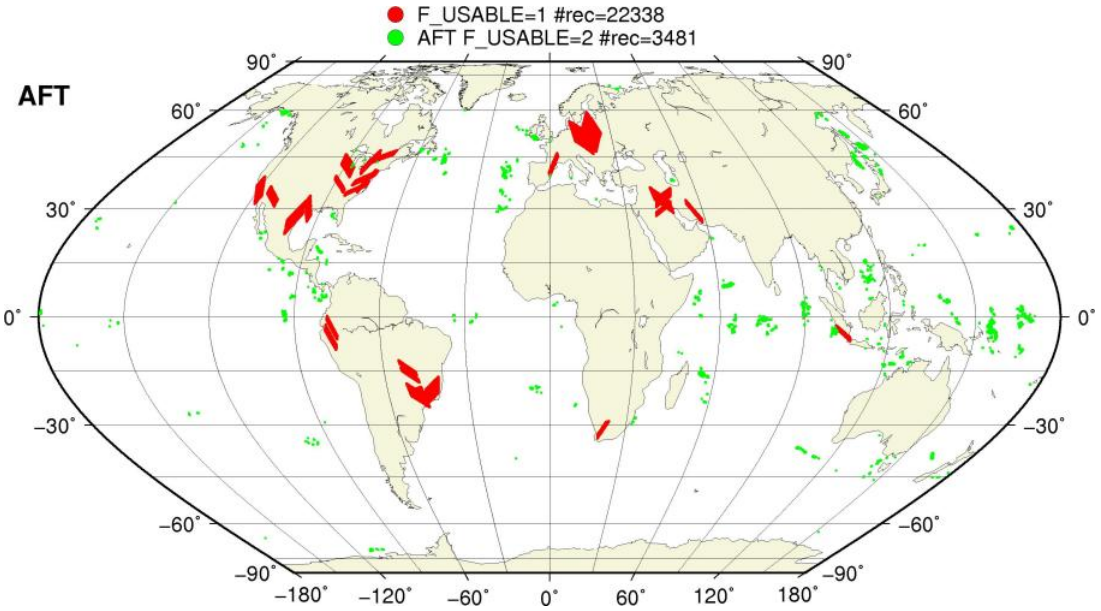

SZR Flagged Data Coverage

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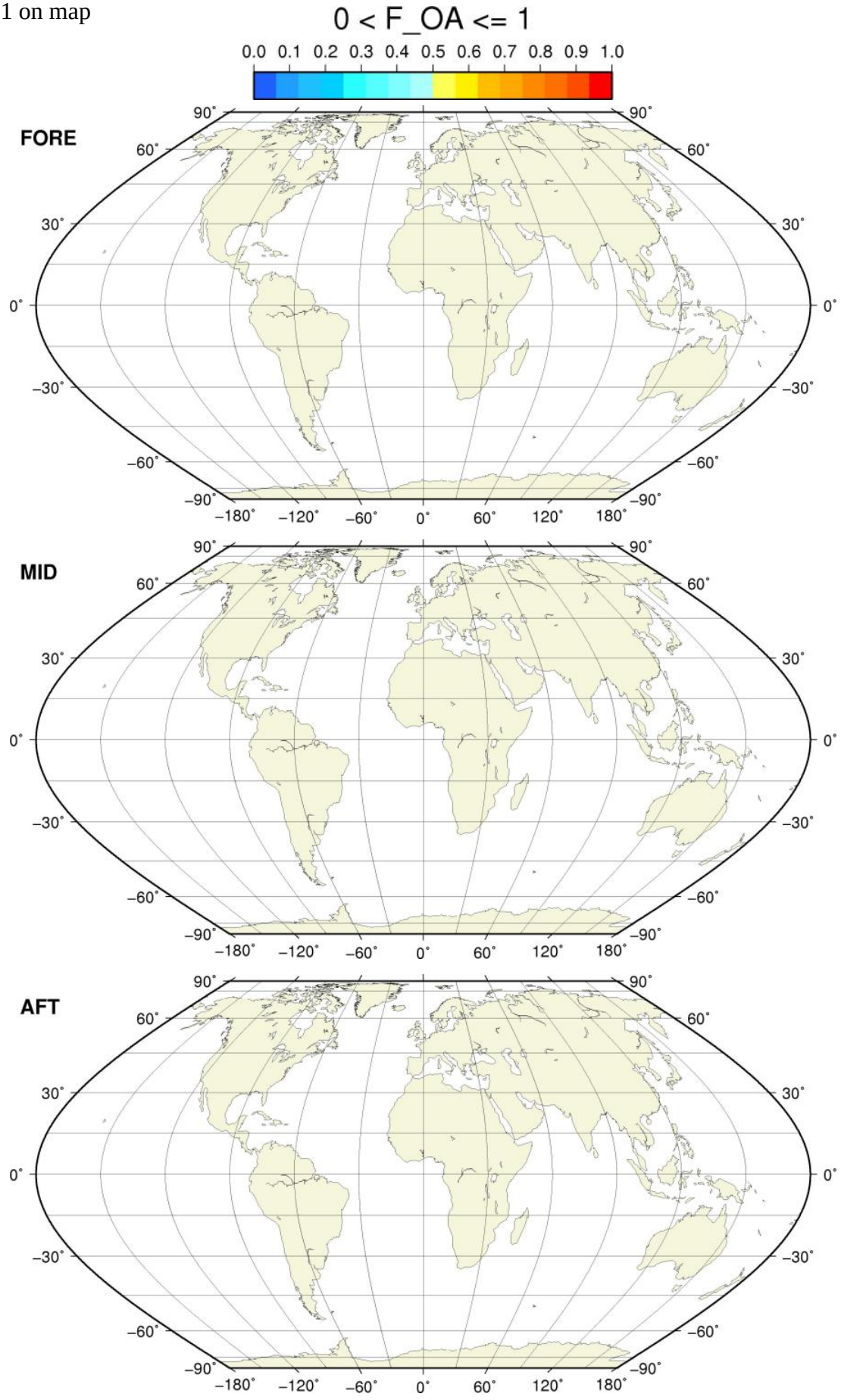

SZR Flagged Data Coverage

0 < F_F/V <=1 on map