ASCAT DAILY Report

Metop-B

OPE

DAY 2017_164

20170613000000 - 20170613235959

DATA STATISTICS

```
BASED ON ORBITS (#14)

24568 24569 24570 24571 24572 24573 24574 24575 24576 24577 24578 24579 24580
24581 24582

DB STATISTICS : OPE M01_20170613

SMO 464    1.26     .46     .65    4.97
SMR 464    3.39    1.23    2.07   18.39
SZF 464     .37    1.41     .12   17.37
xxx 464    9.68    2.50    7.07   28.20


INGATE (STORE) STATISTICS : OPE M01_20170613

xxx_1A /fbf/tcdras/store/gs1/ASCA_xxx_1A_M01 -- number of files (xxx_1A) : 464
SZO_1B /fbf/tcdras/store/gs1/ASCA_SZO_1B_M01 -- number of files (SZO_1B) : 464
SZR_1B /fbf/tcdras/store/gs1/ASCA_SZR_1B_M01 -- number of files (SZR_1B) : 464
SZF_1B /fbf/tcdras/store/gs1/ASCA_SZF_1B_M01 -- number of files (SZF_1B) : 464
SMO_02 /fbf/tcdras/store/gs1/ASCA_SMO_02_M01 -- number of files (SMO_02) : 464
SMR_02 /fbf/tcdras/store/gs1/ASCA_SMR_02_M01 -- number of files (SMR_02) : 464
```

MOD/C/HB <Helmut.Bauch@eumetsat.int>

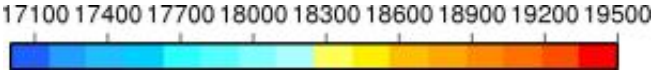
Overview

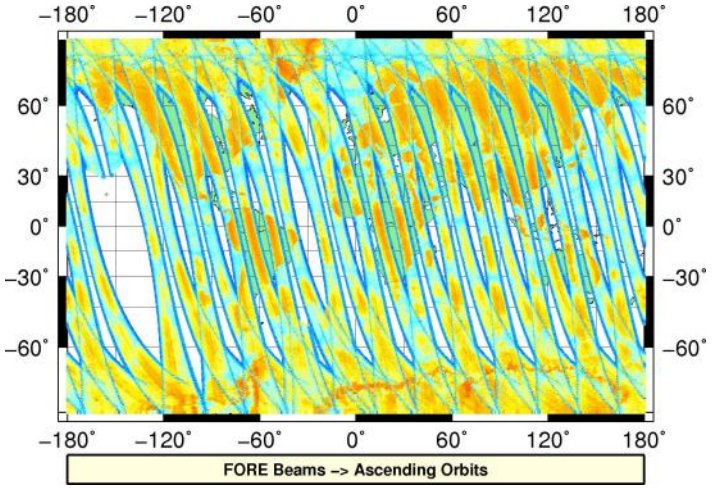
Configuration and SPHR content

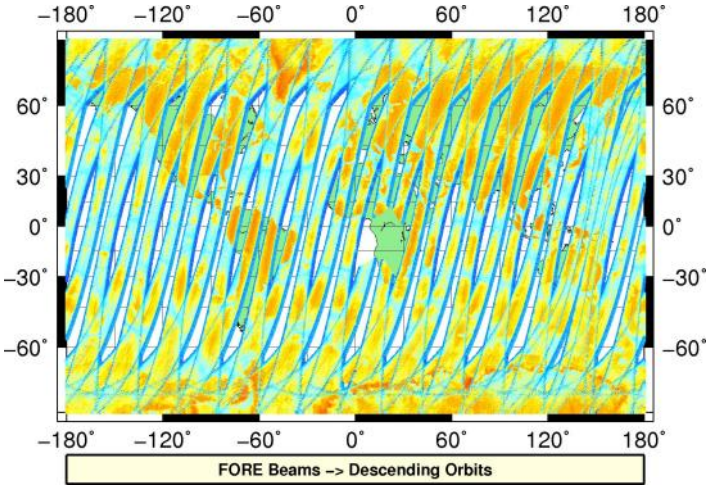
Parameter	Value
SENSING START-STOP	20170613000000 - 20170613235959
ORBIT START-STOP	-
SATELLITE	M01
SW - DPU Version	3.9 (57)
SW - ICU Version	2.03 (35)
PARAM - Drive Level ID	0 (Nominal drive level as defined in the active DPU Data Set)
PARAM - DPU Data Set ID	2
PARAM - Revision ID	14
INST - Table Set 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	590052
N_L1A_MDR_B0	98341
N_L1A_MDR_B1	98341
N_L1A_MDR_B2	98342
N_L1A_MDR_B3	98342
N_L1A_MDR_B4	98343
N_L1A_MDR_B5	98343
N_GAPS	0
TOTAL_GAPS_SIZE	0
N_HKTM_PACKETS_RECEIVED	15583
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	1054593
N_F_LAND	48614726
N_F_GEO	3215279
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

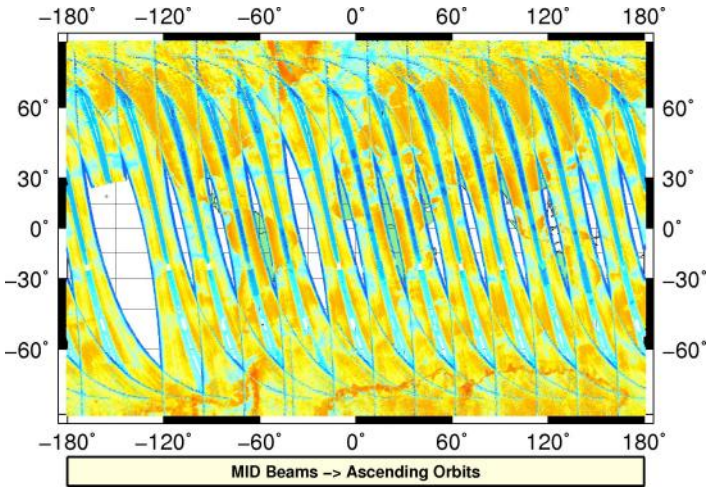
L1A Product

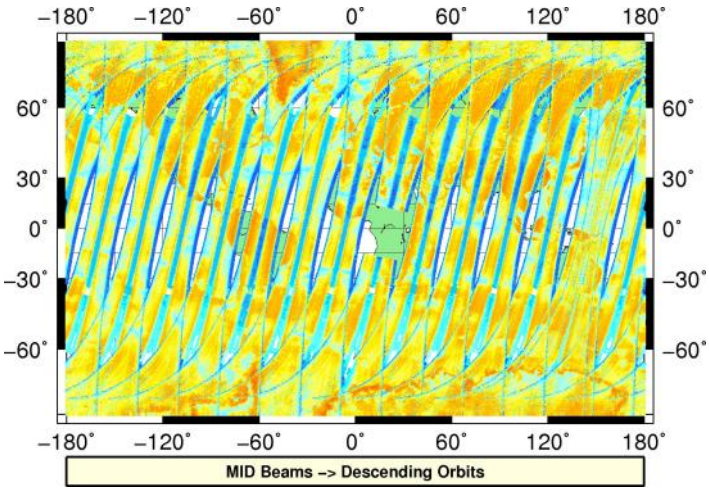
Echo Data Coverage maps

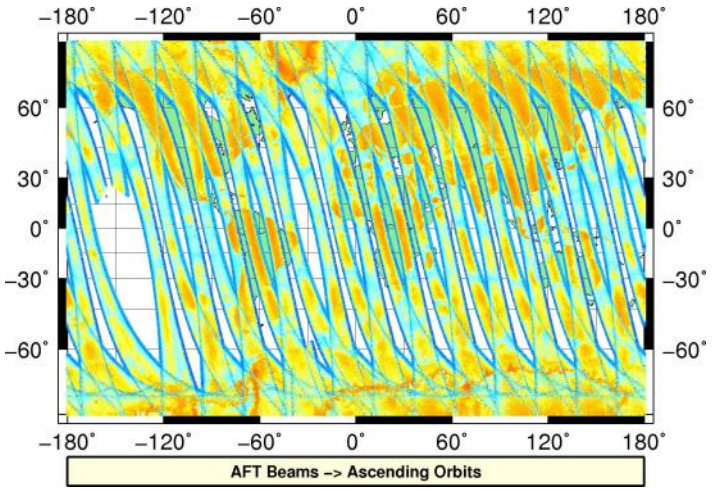


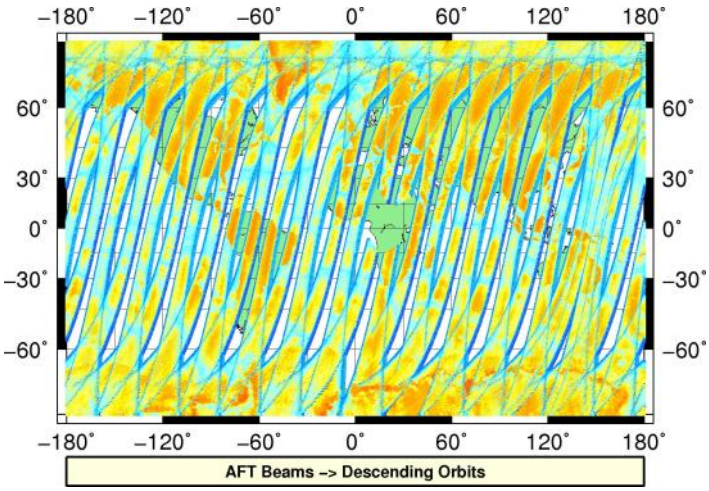






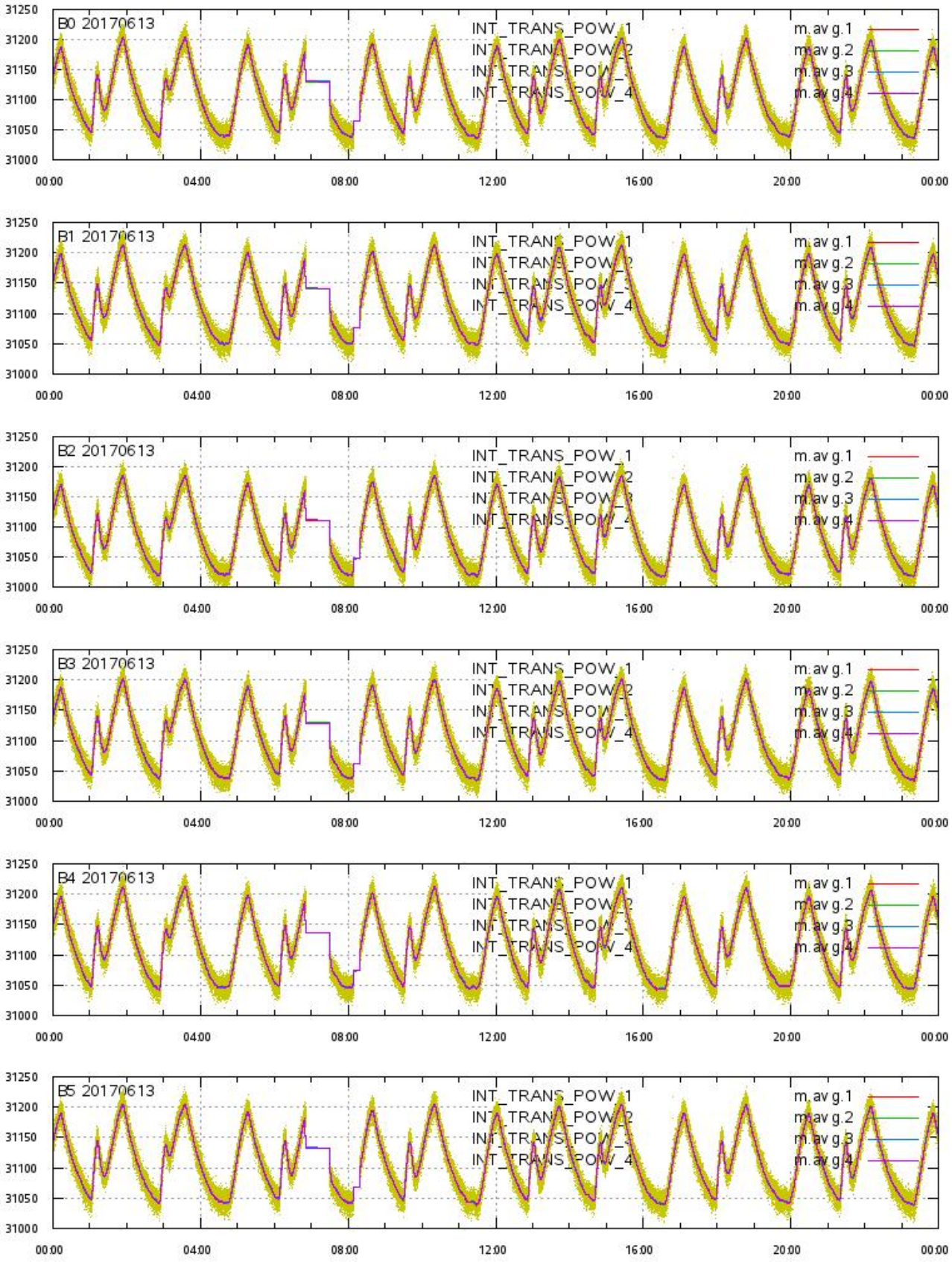






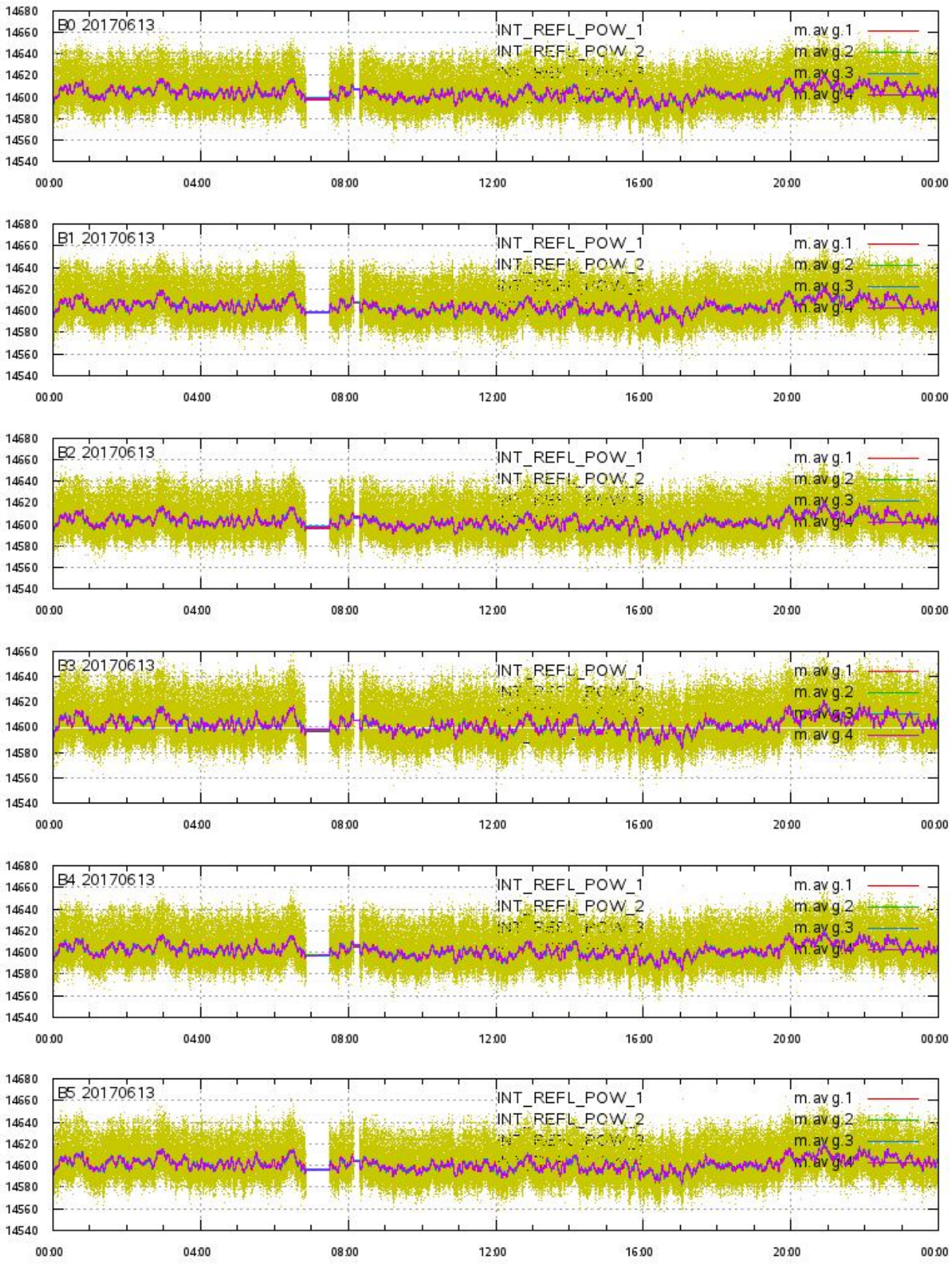
L1A Product

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



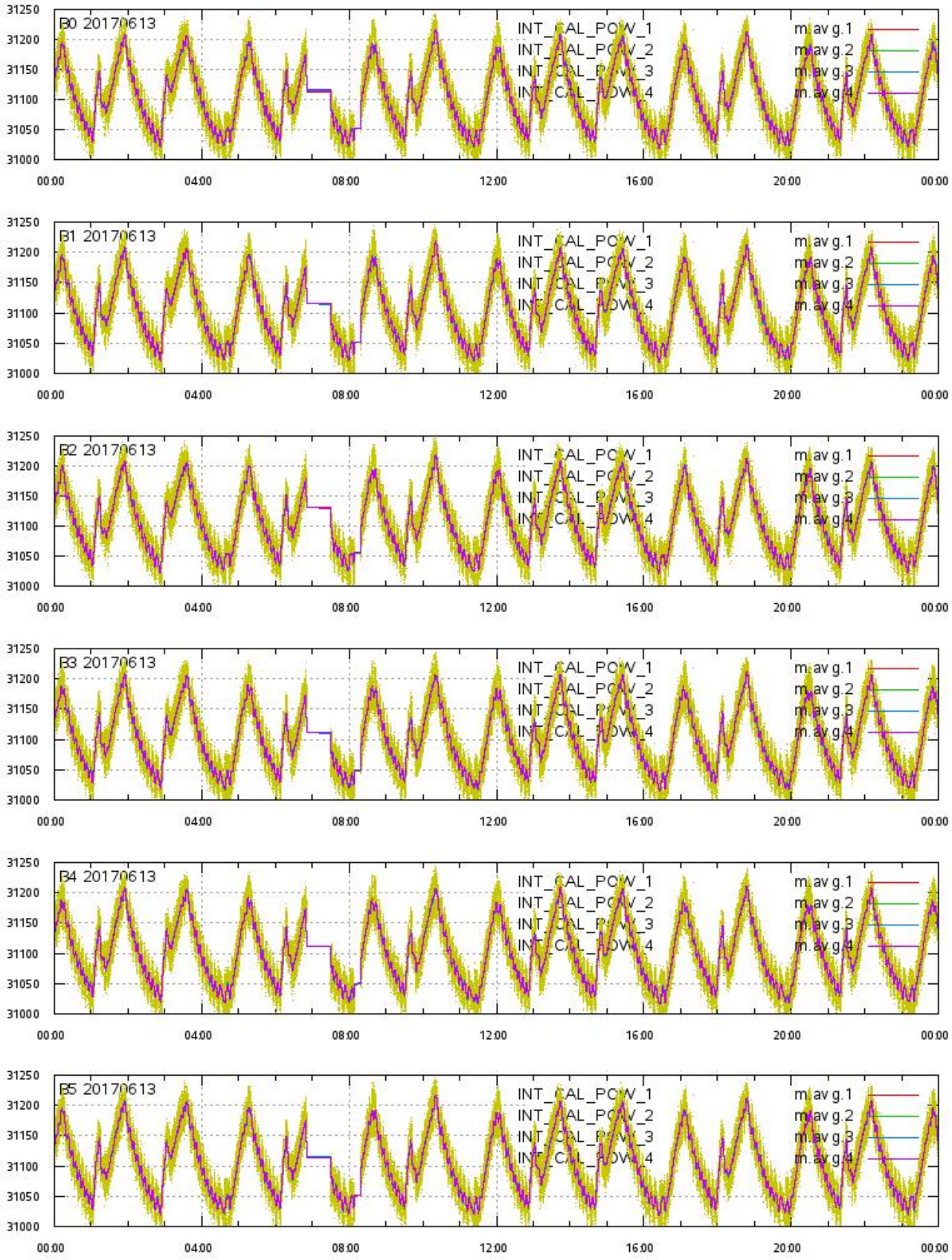
L1A Product

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



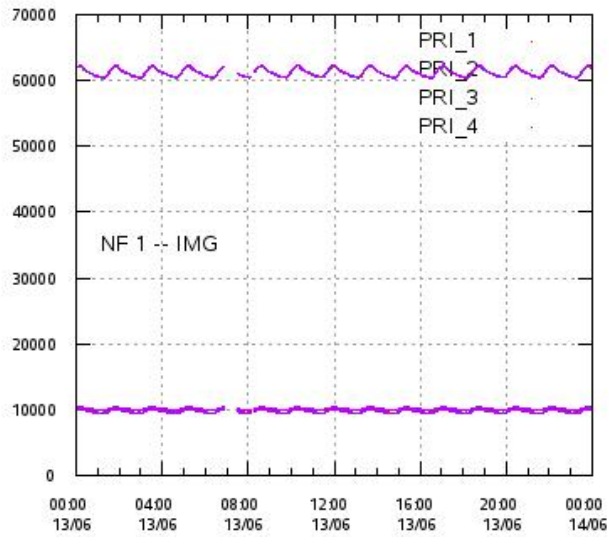
L1A Product

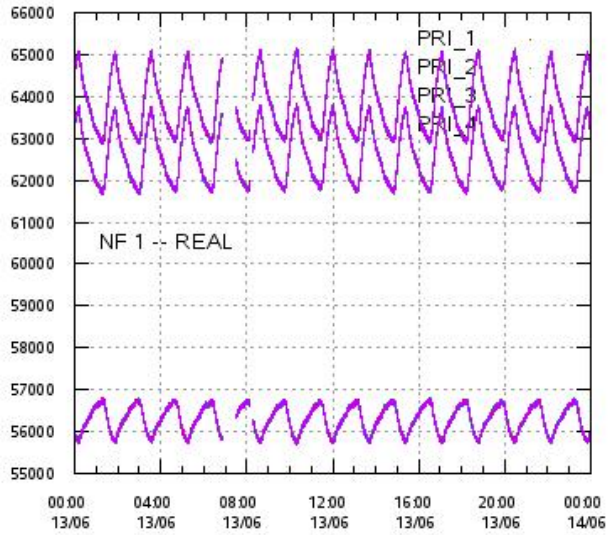
Integrated Calibration Powers 1-4 per beam 0-5 vs. UTC_LOCALISATION

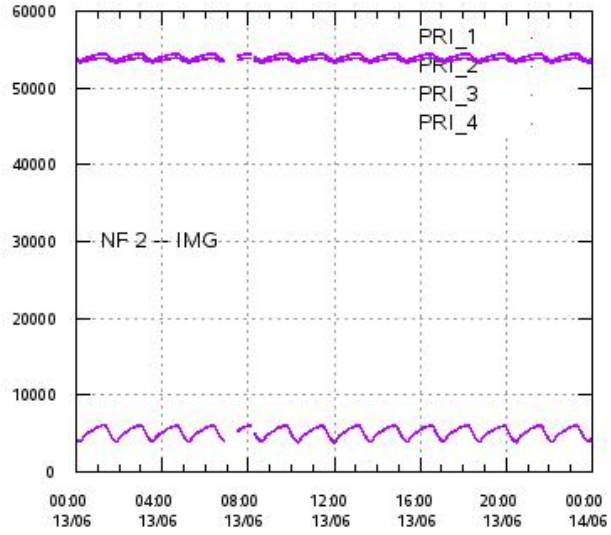


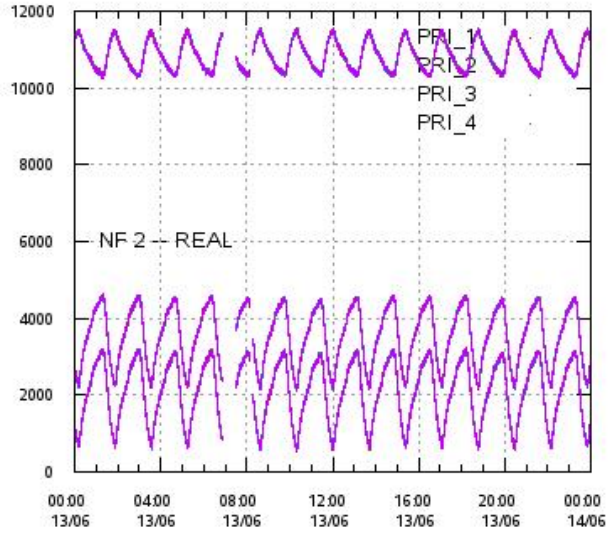
L1A Product

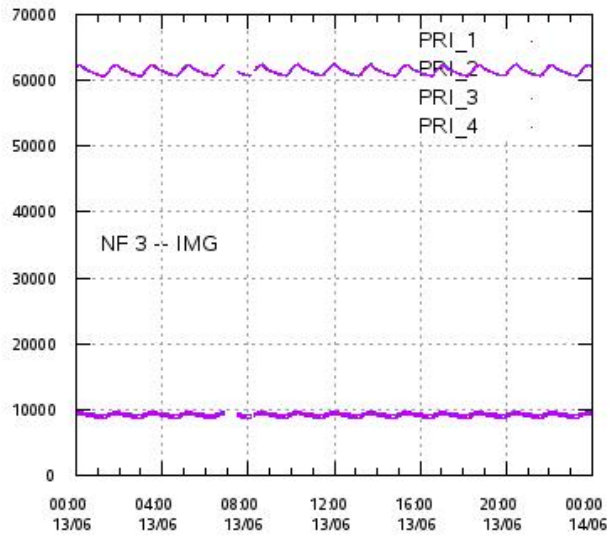
Calibration Powers vs. UTC_LOCALISATION

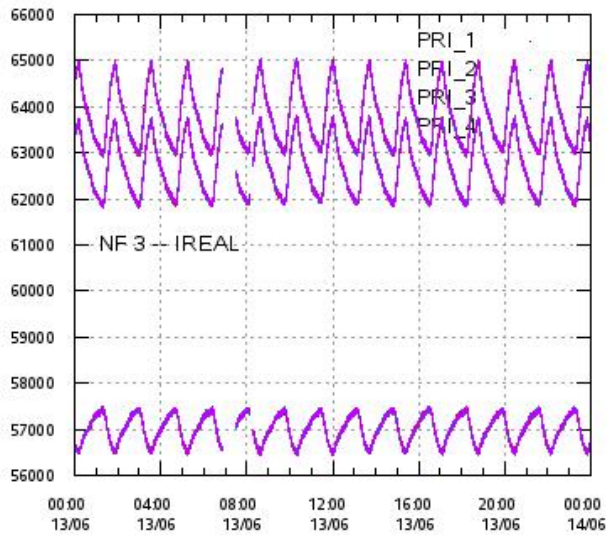






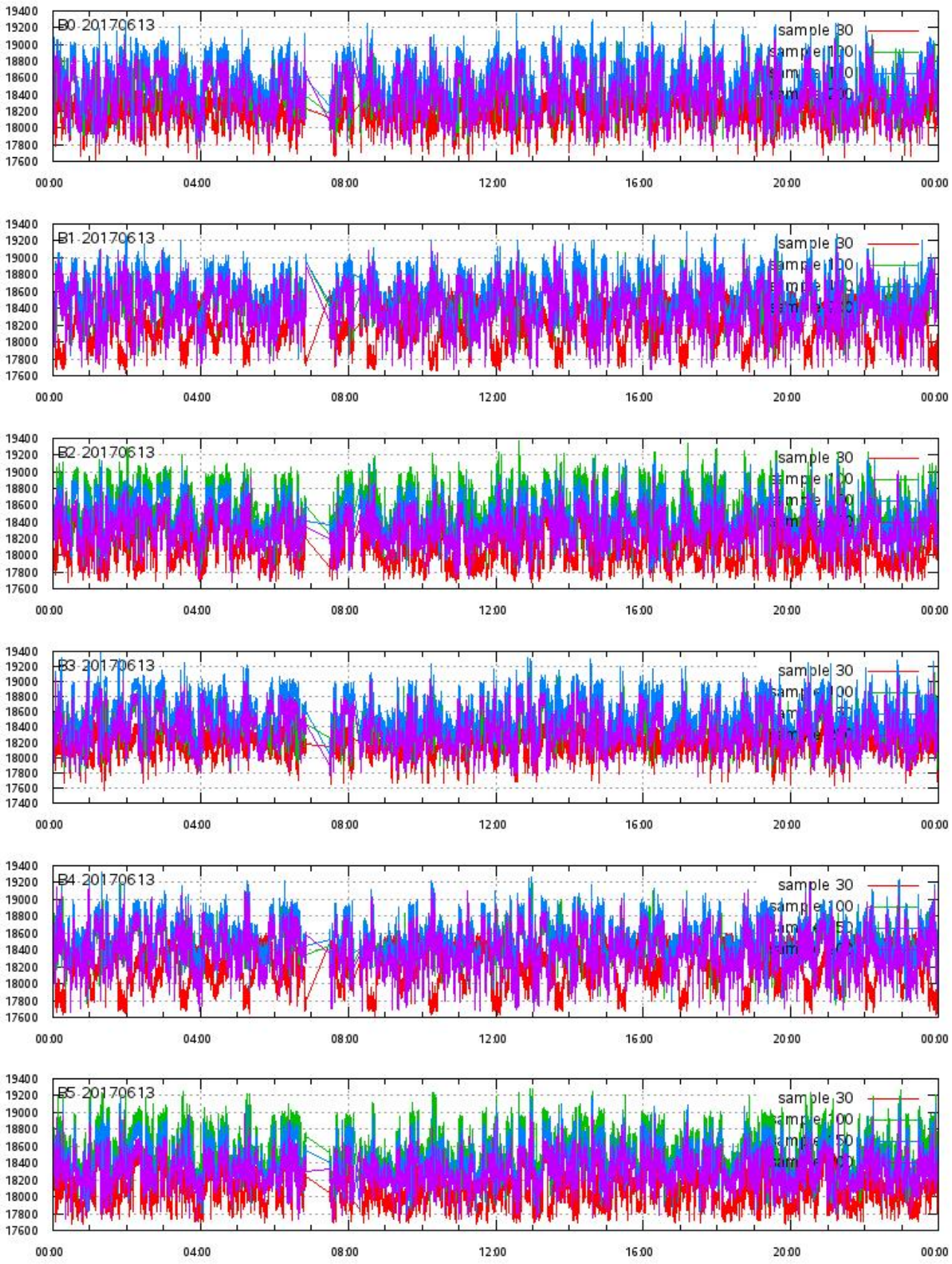






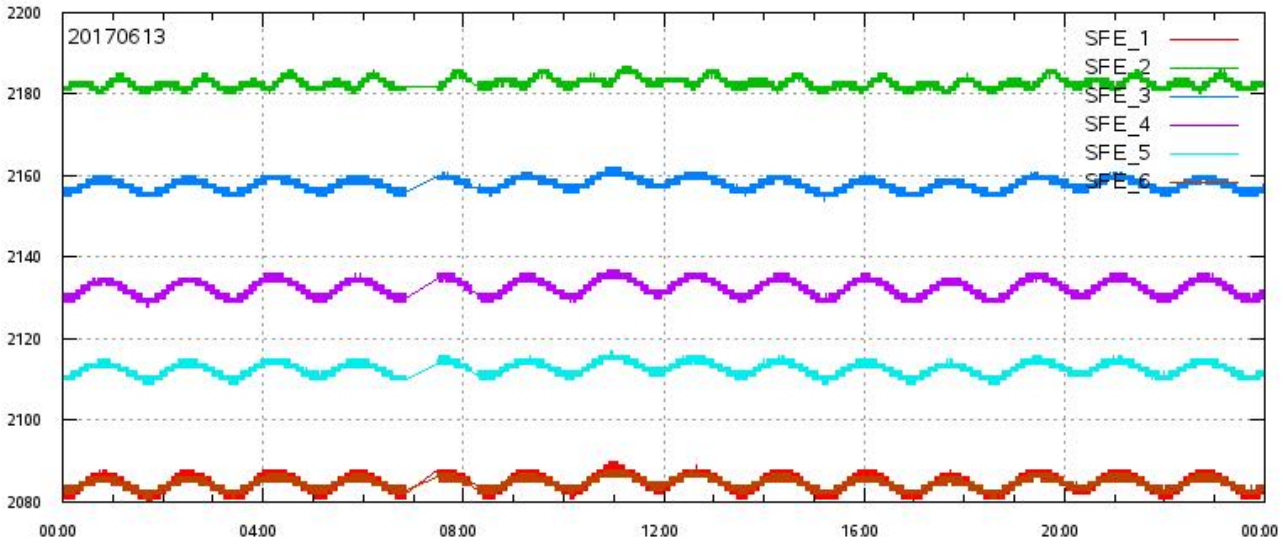
L1A Product

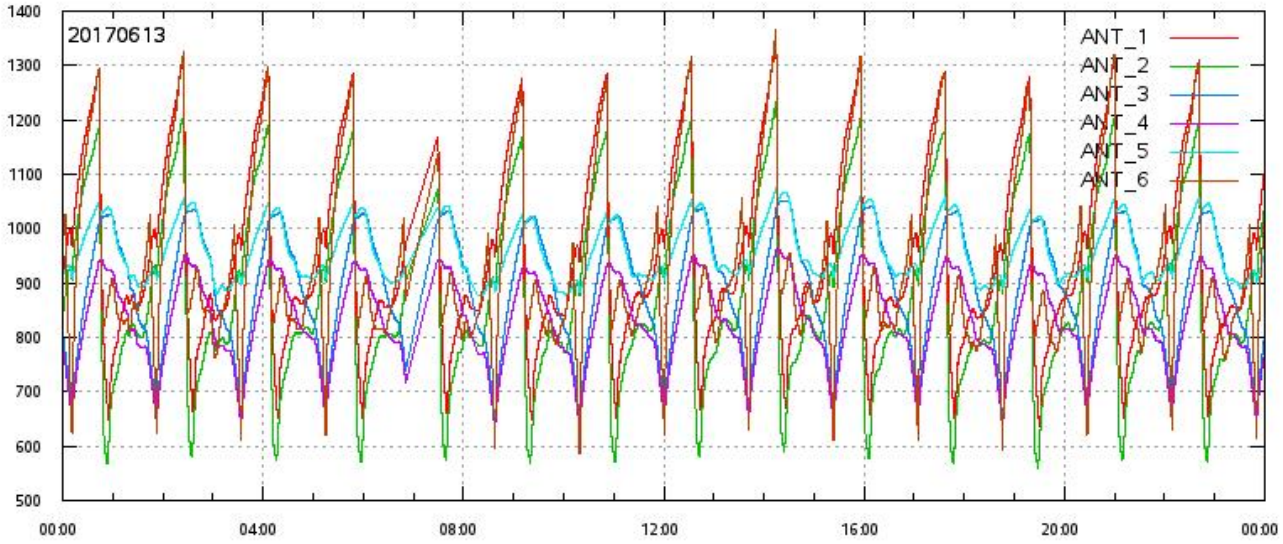
ECHO DATA (raw) for samples 30, 100, 150 and 200 vs. UTC_LOCALISATION

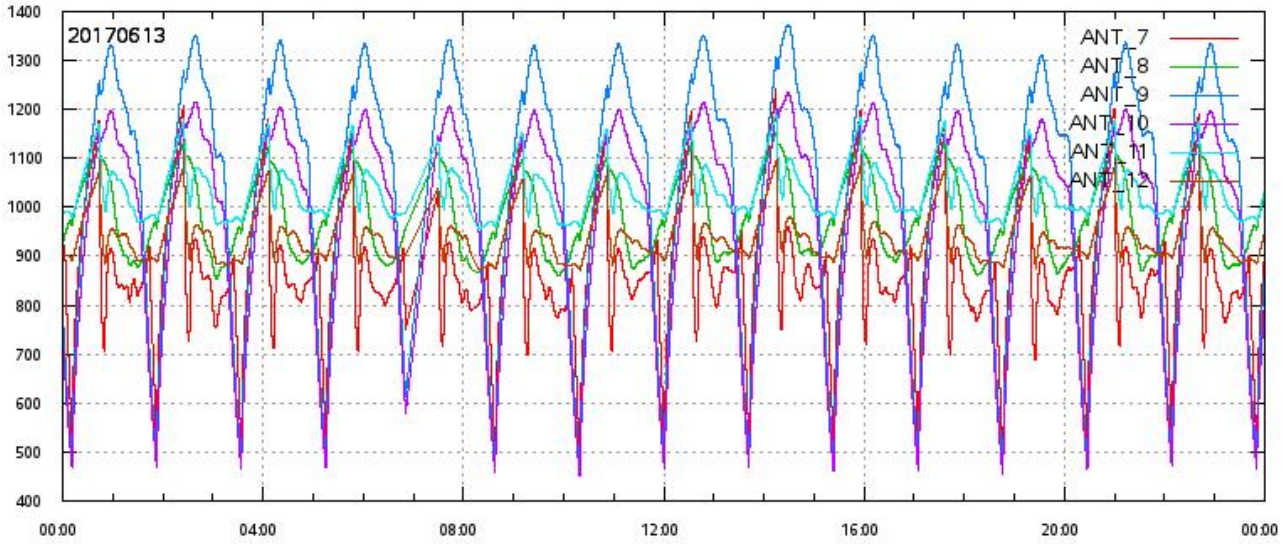


L1A Product

SFE & ANT Temperatures (raw) vs. UTC_LOCALISATION

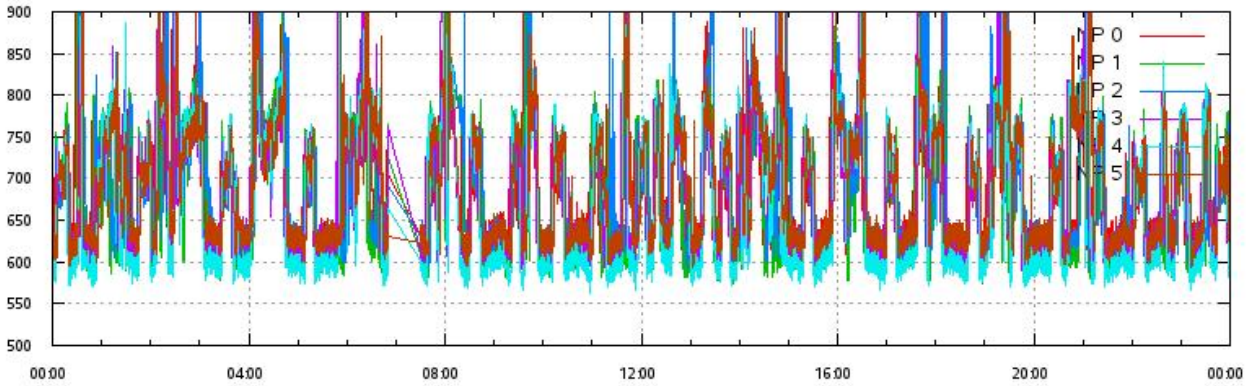


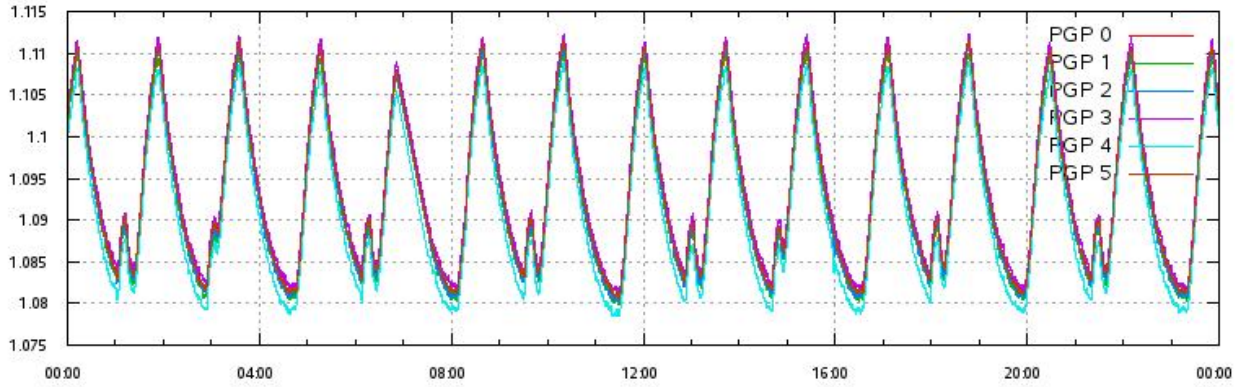


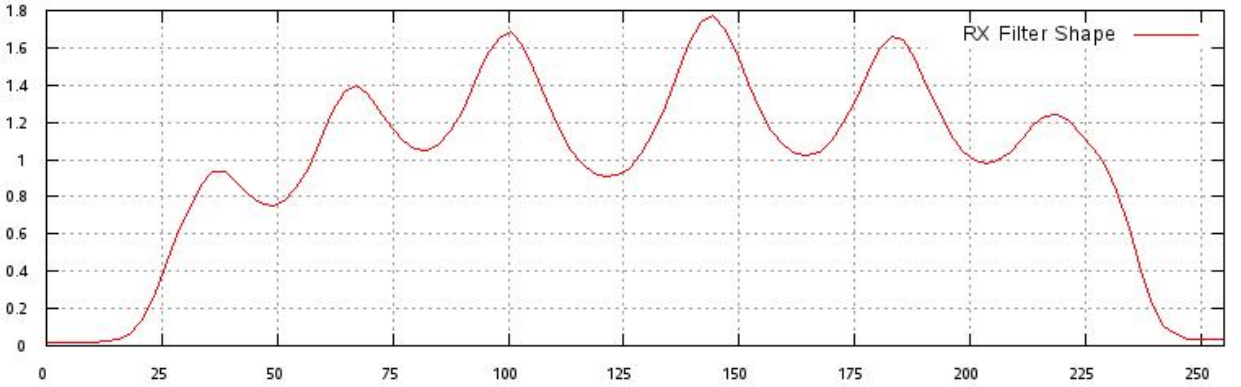


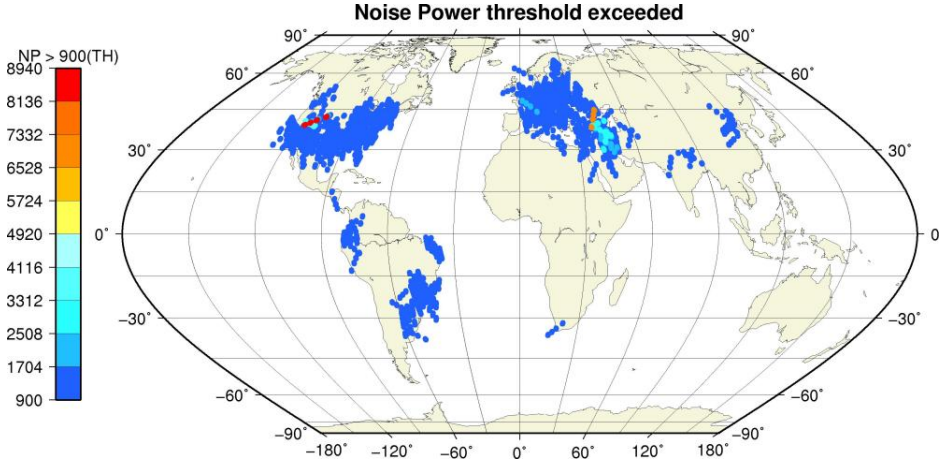
L1A Product

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



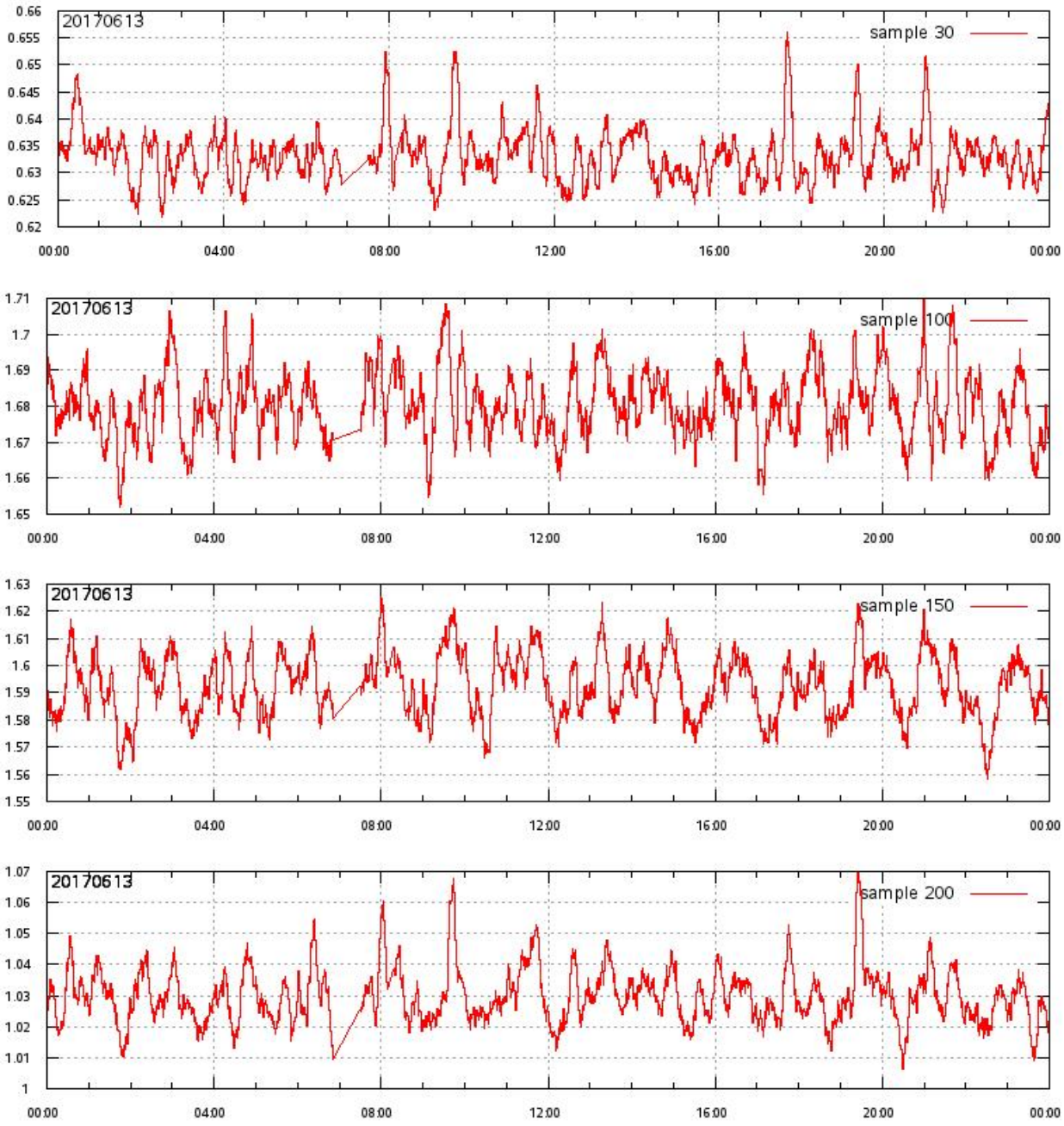






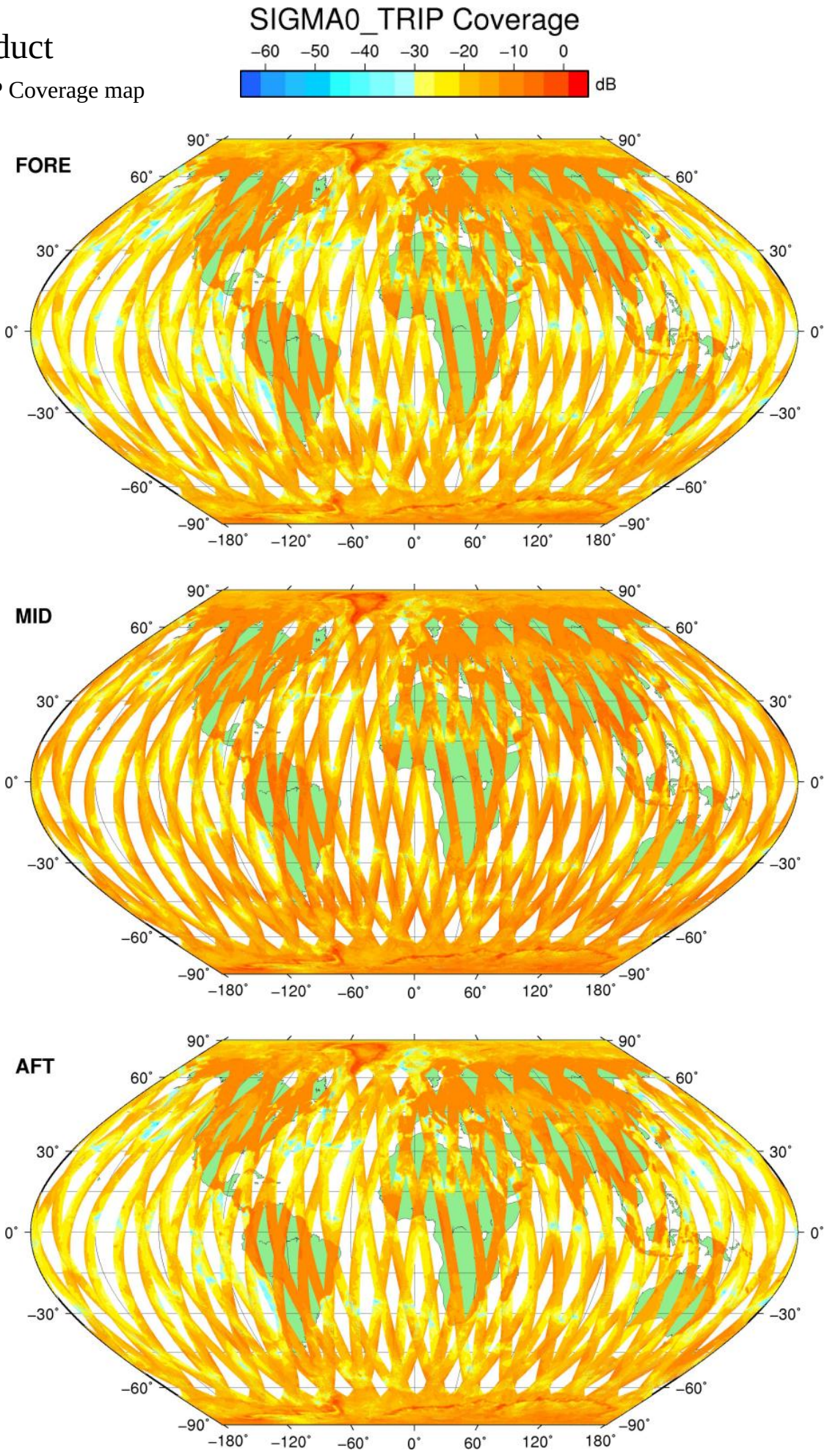
L1A Product

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



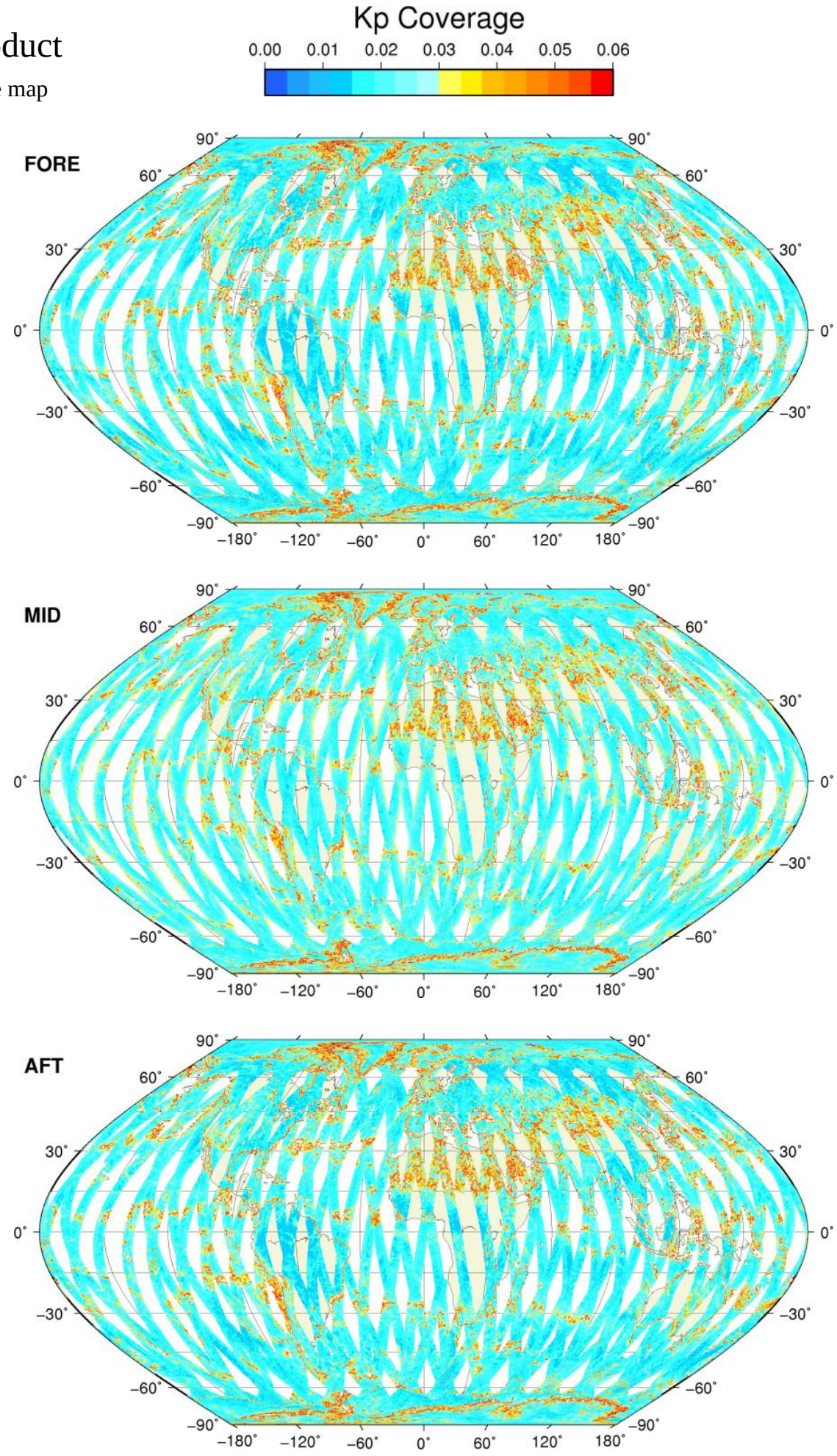
SZO Product

Sigma0_TRIP Coverage map



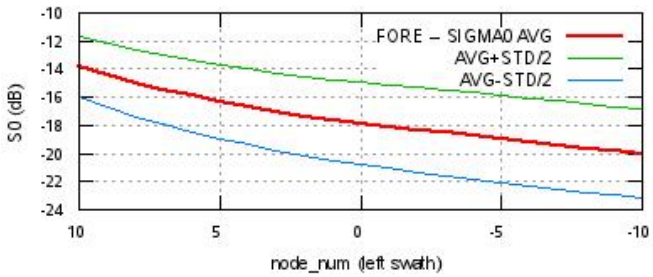
SZO Product

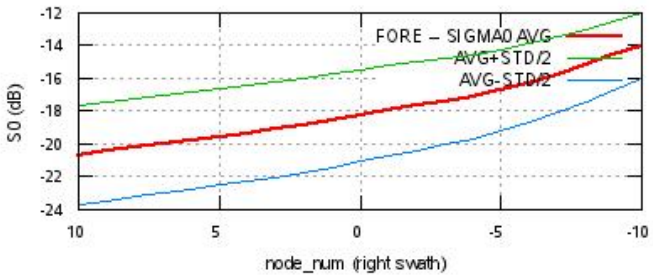
Kp Coverage map

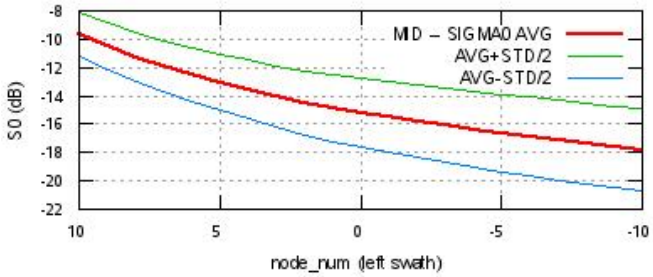


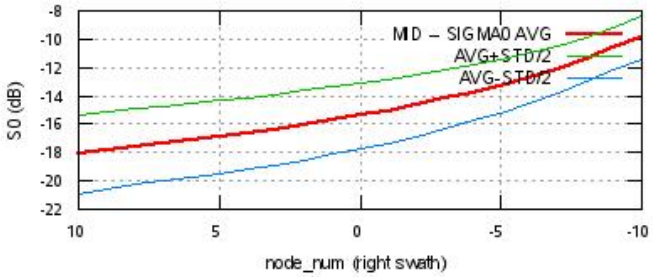
SZO Product

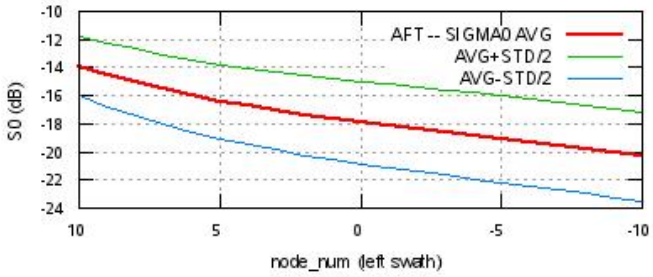
S0 - Kp Statistics

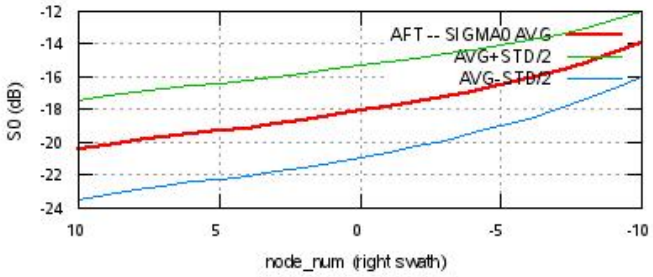


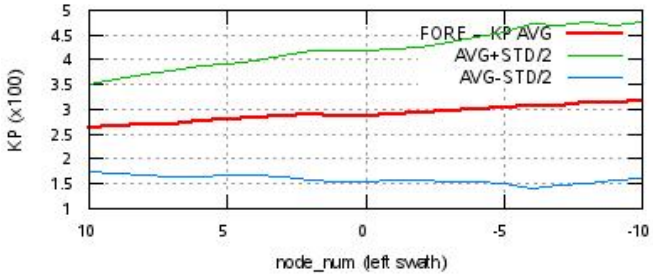


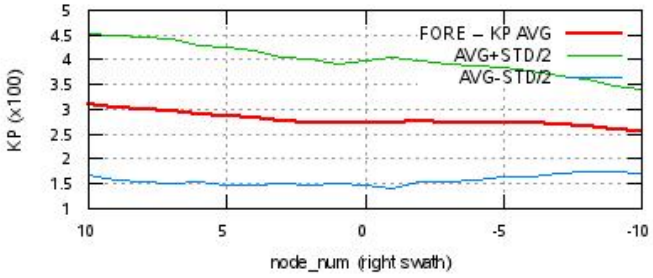


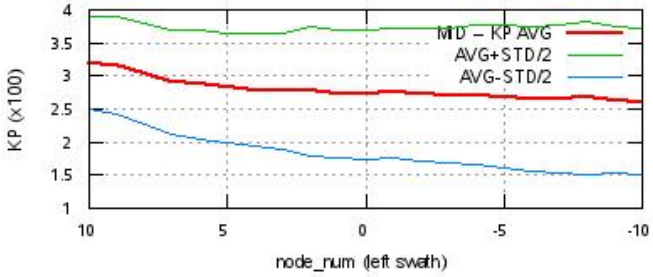


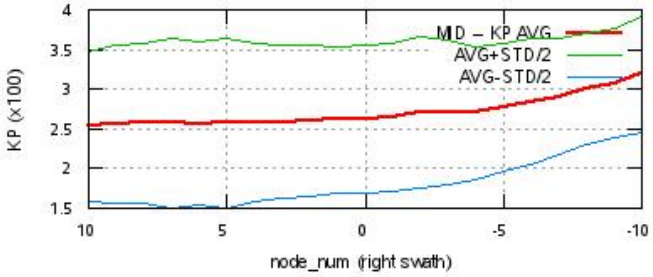


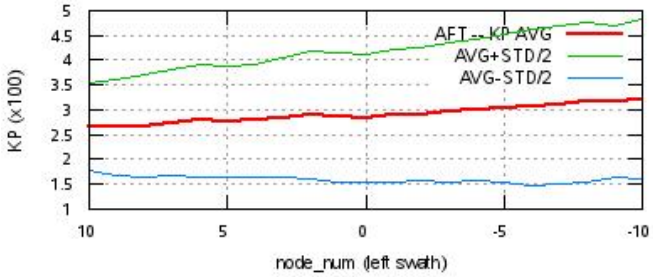


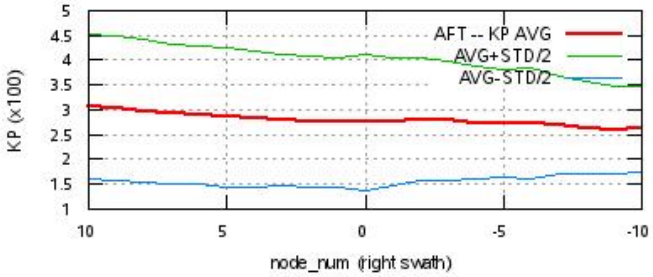






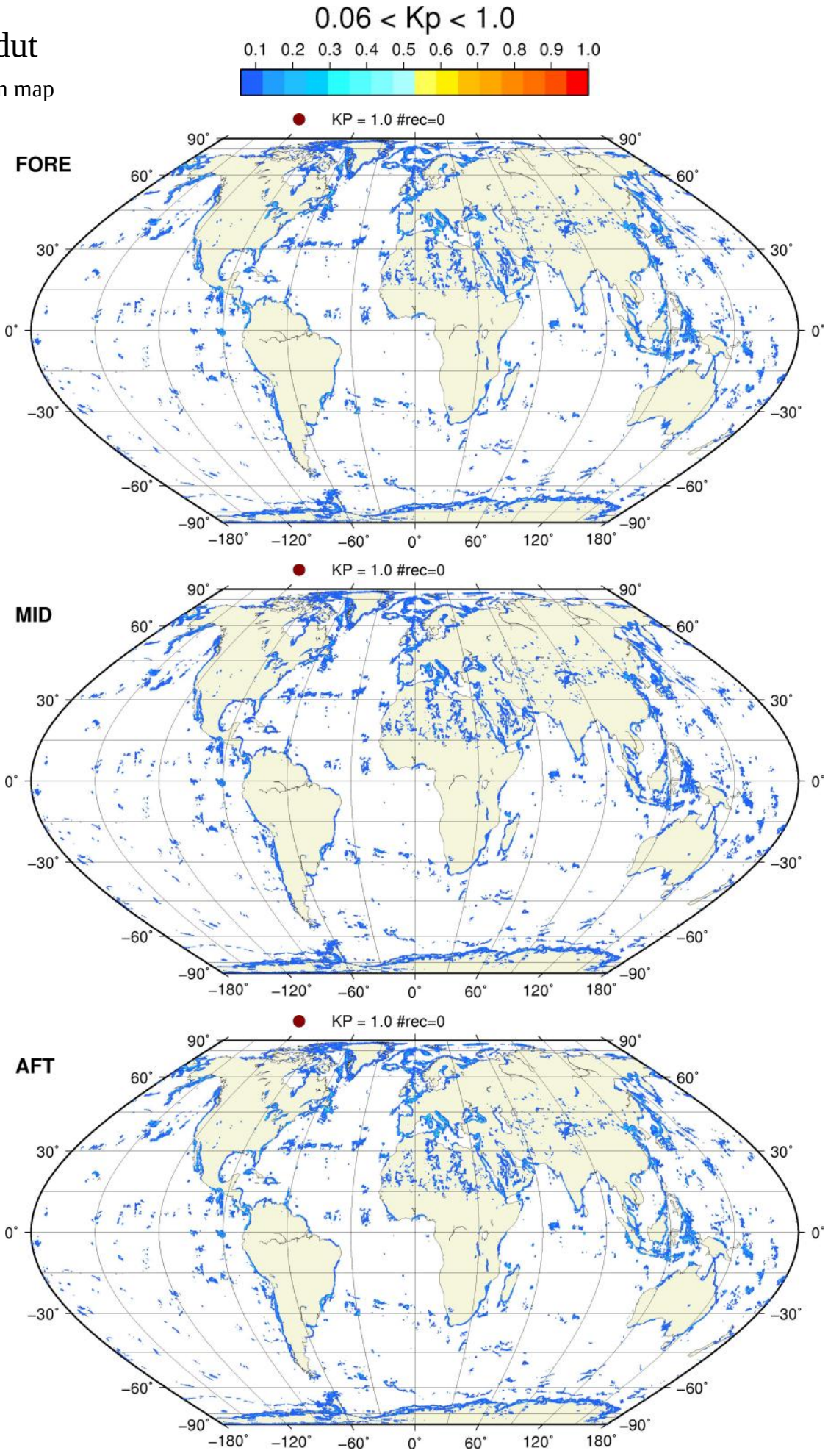






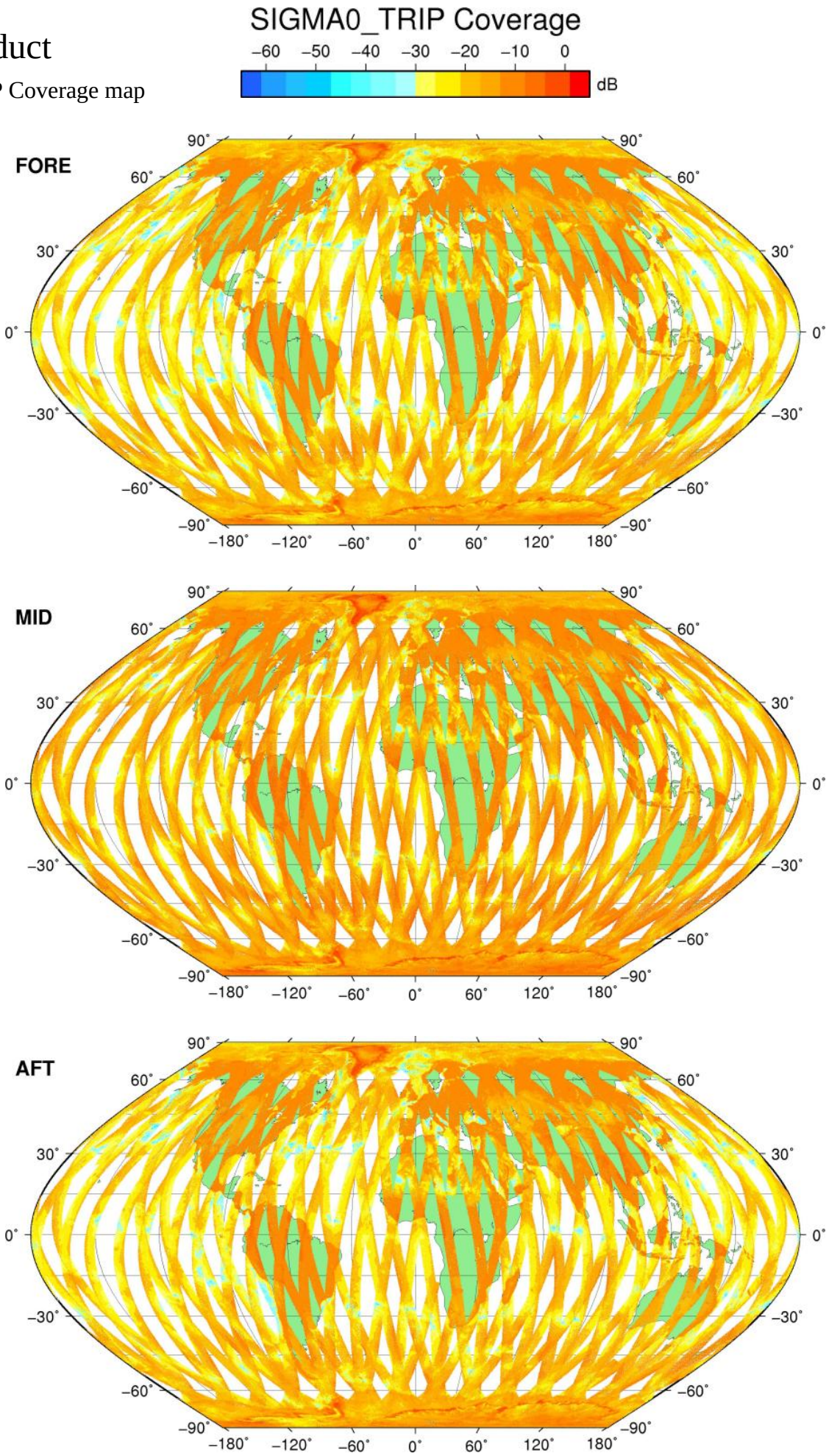
SZO Produt

Kp Outliers on map



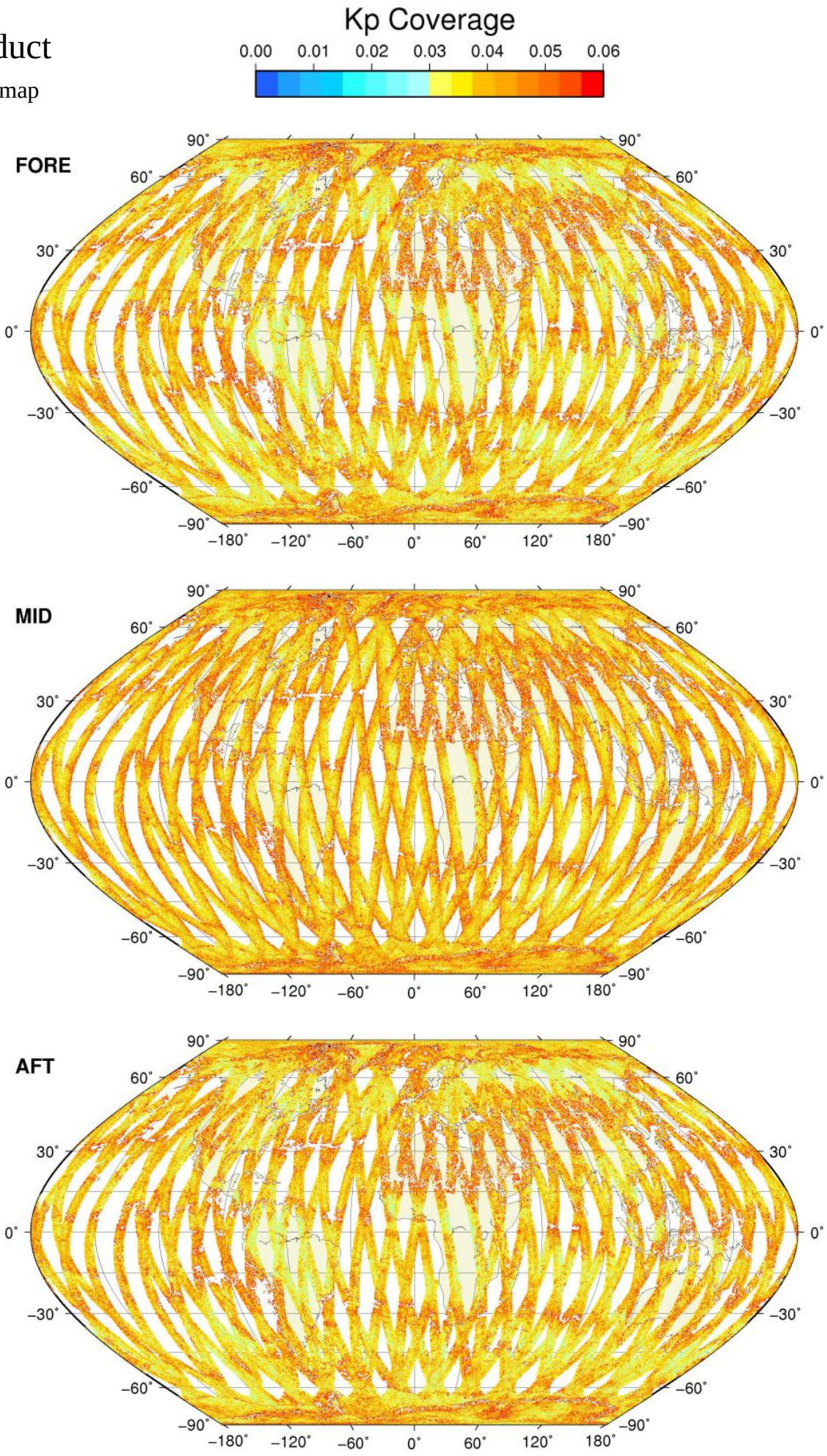
SZR Product

Sigma0_TRIP Coverage map



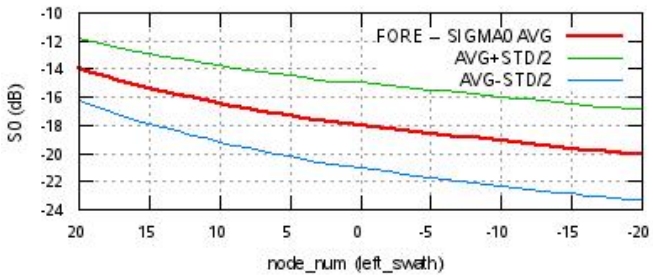
SZR Product

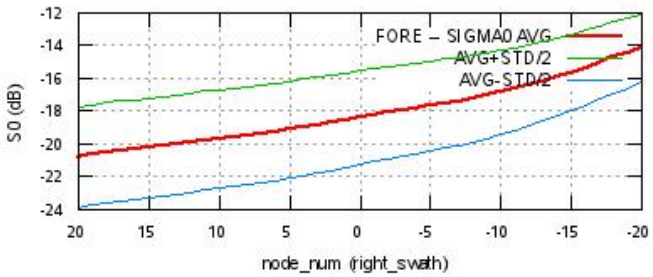
Kp Coverage map

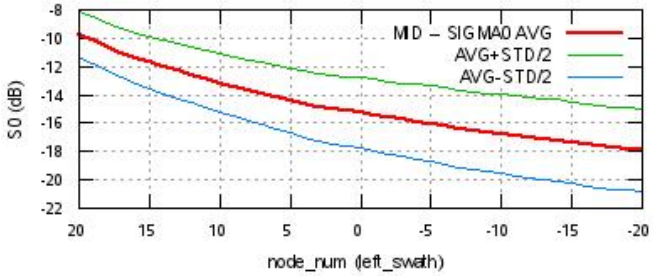


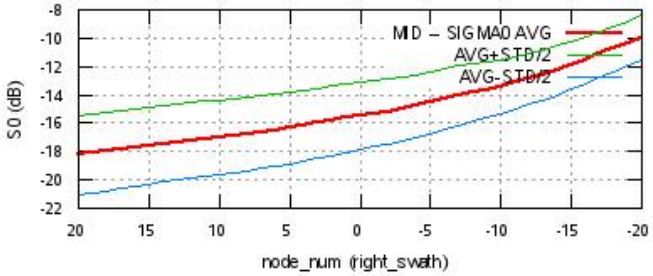
SZR Product

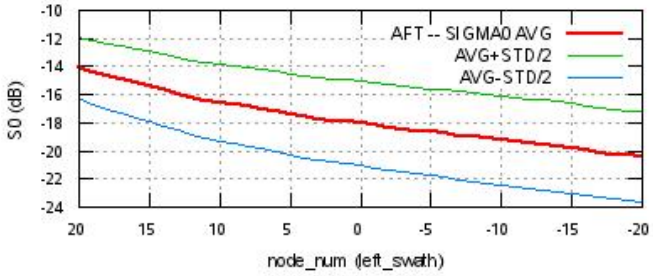
S0 - Kp Statistics

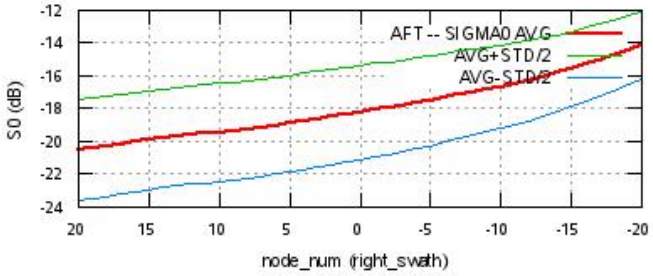


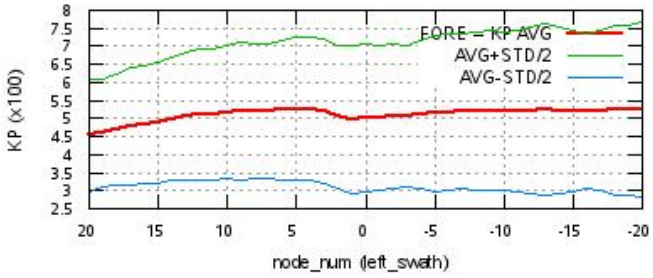


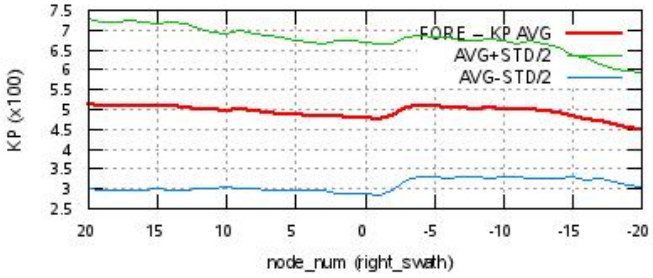


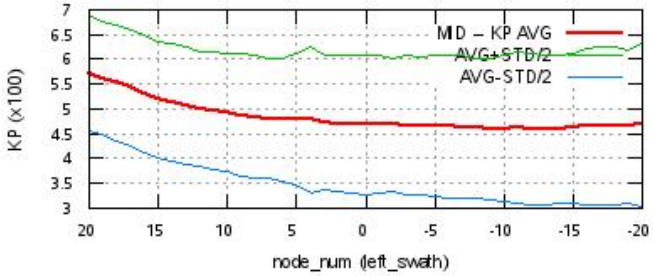


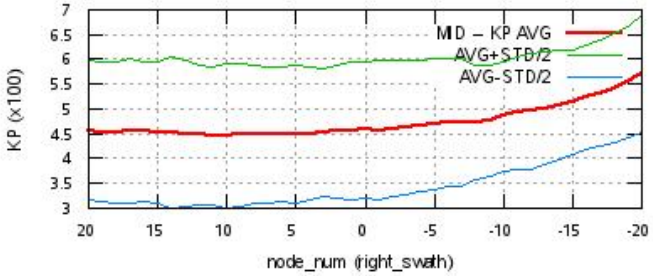


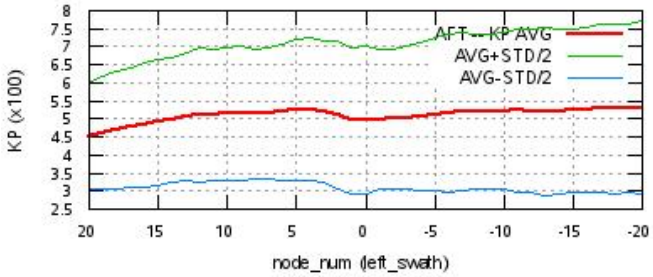


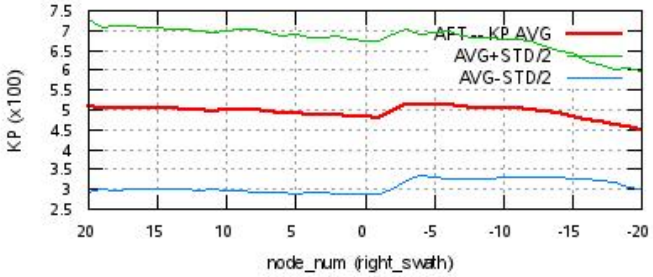






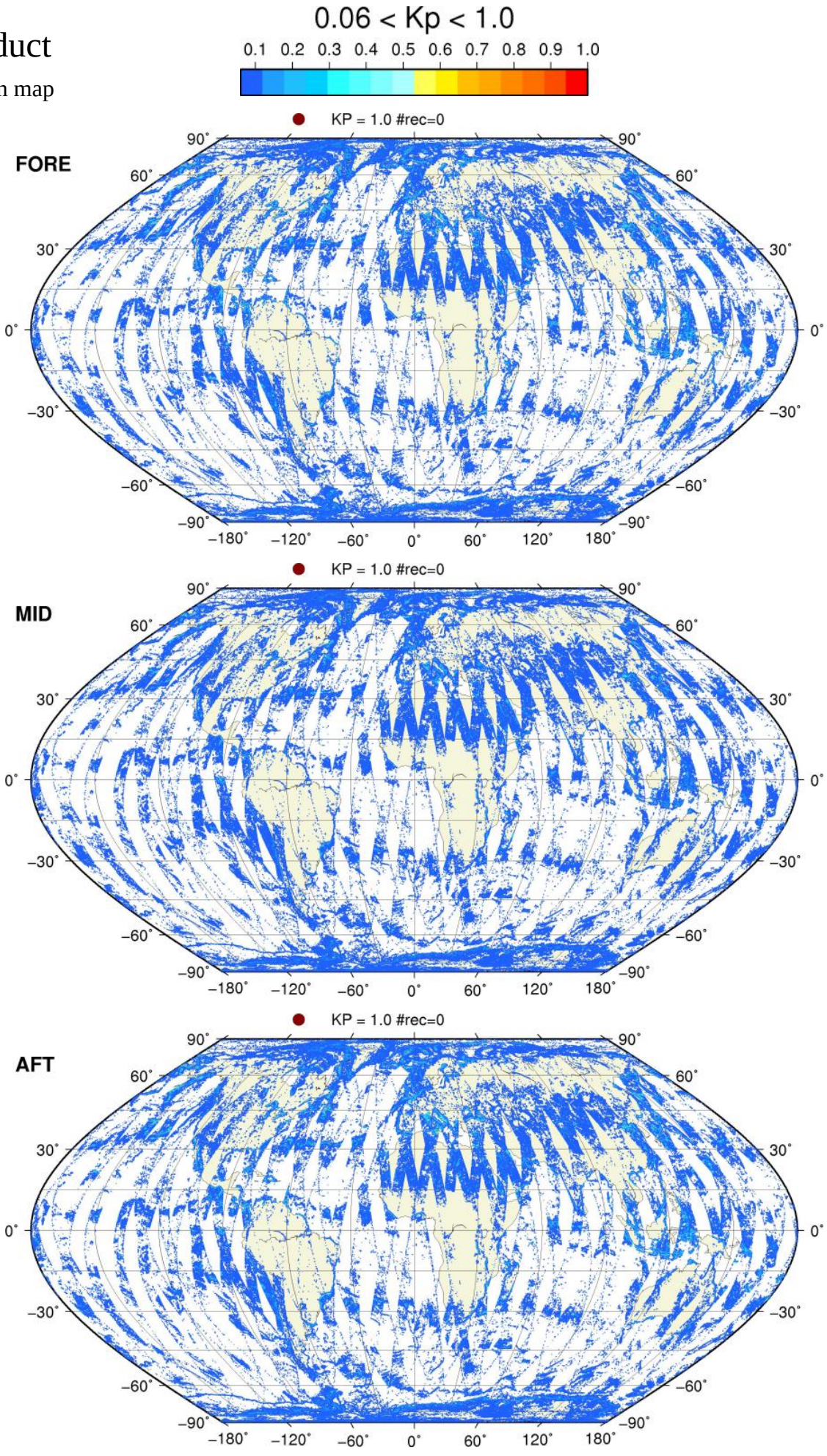






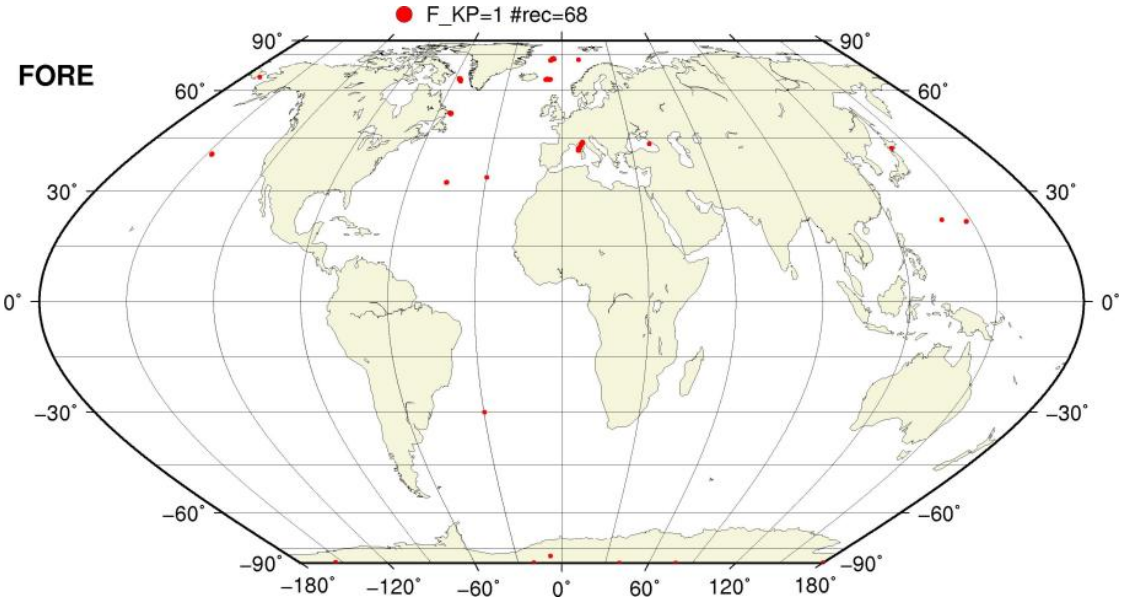
SZR Product

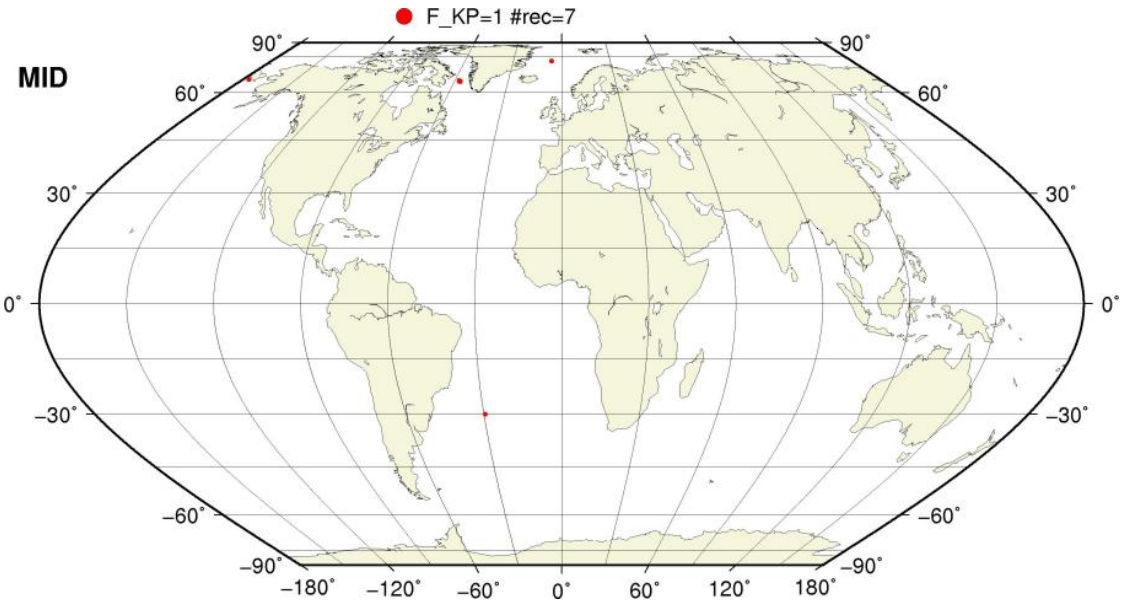
Kp Outliers on map

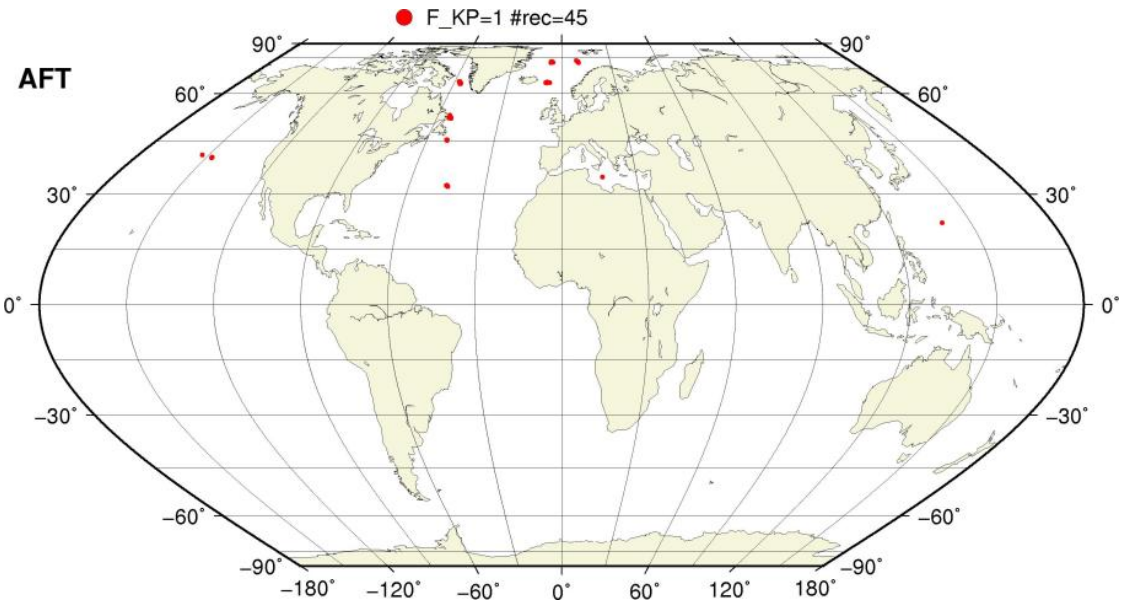


SZO Flagged Data Coverage

F_KP = 1 on map

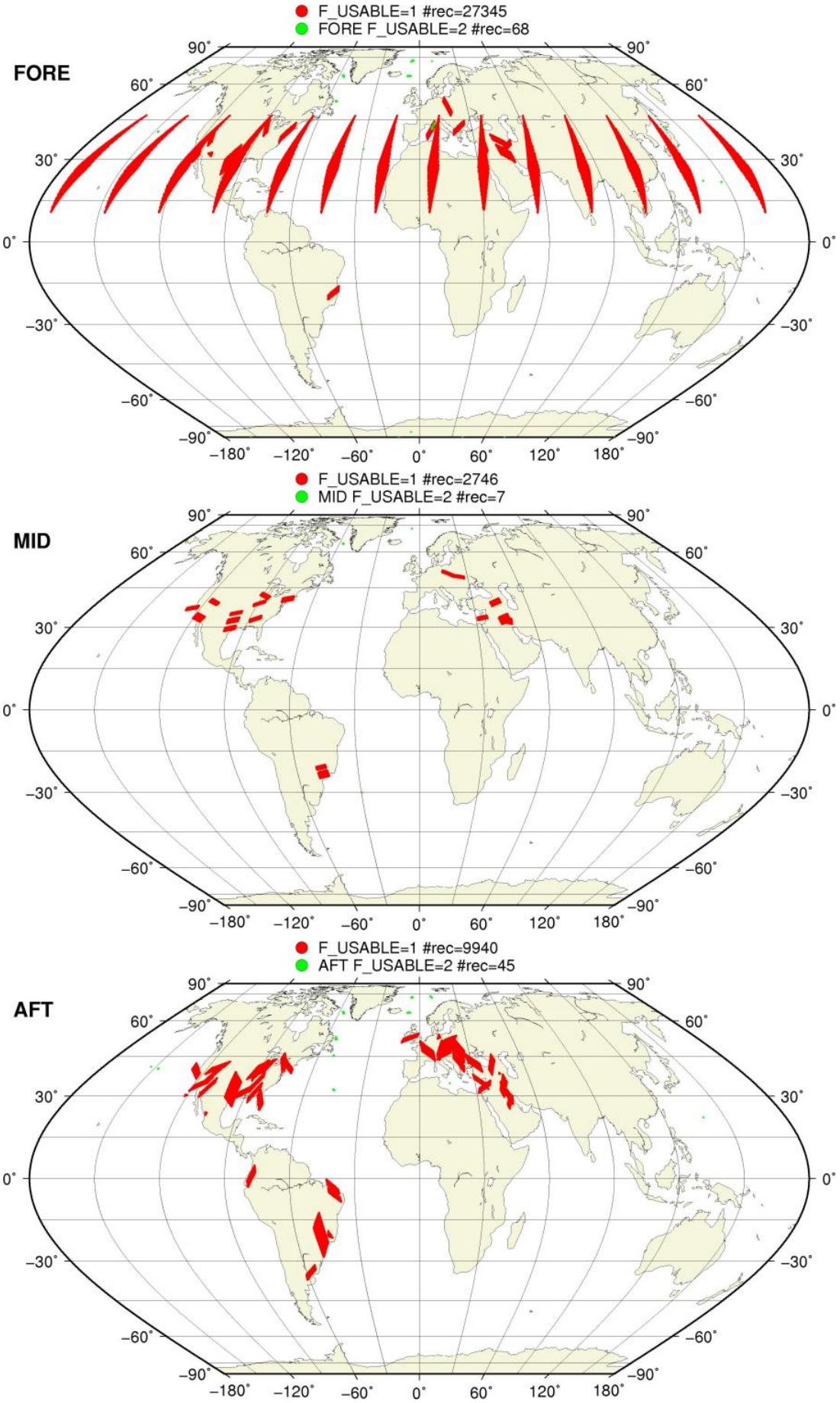






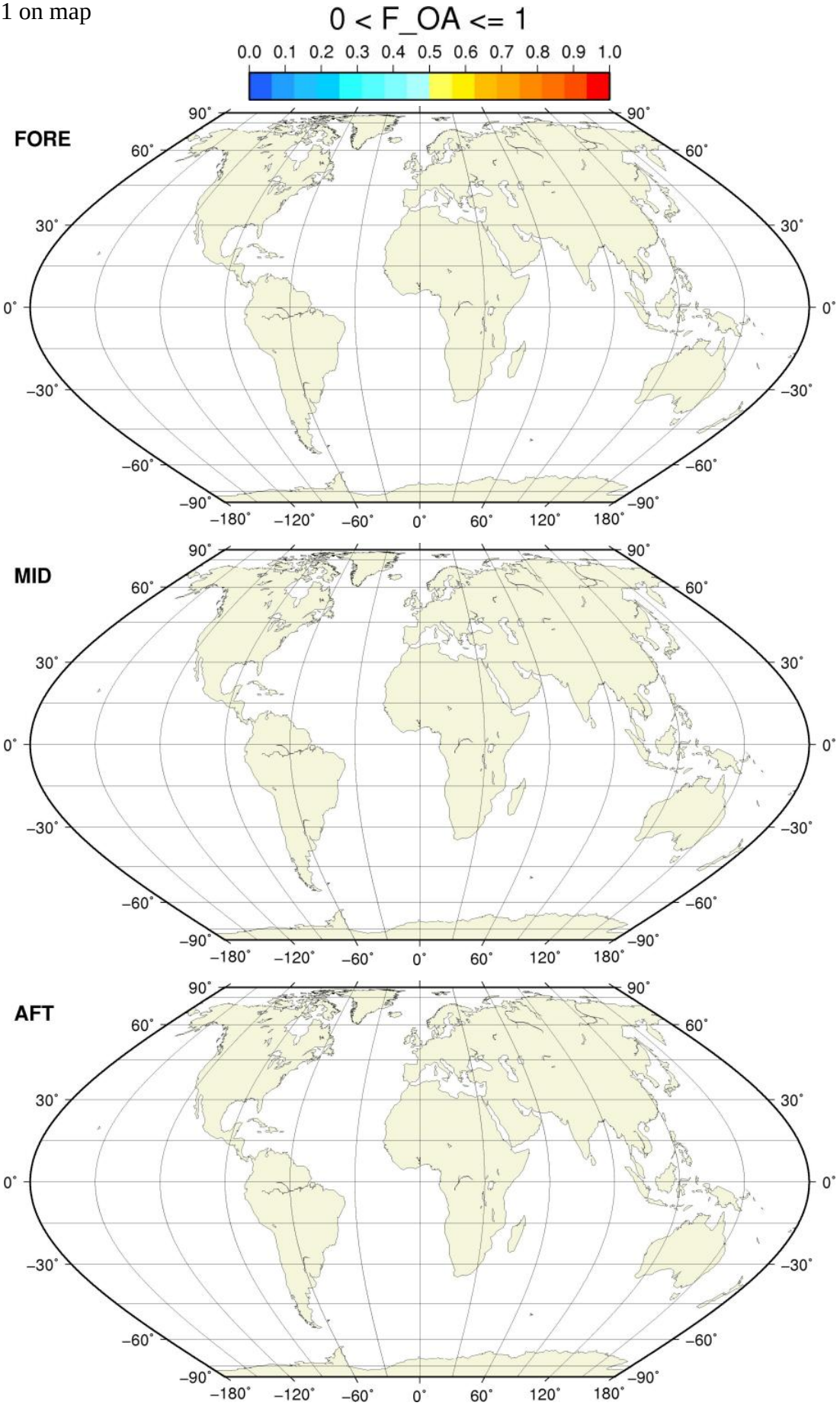
SZO Flagged Data Coverage

F_USABLE = 1 or 2 on map



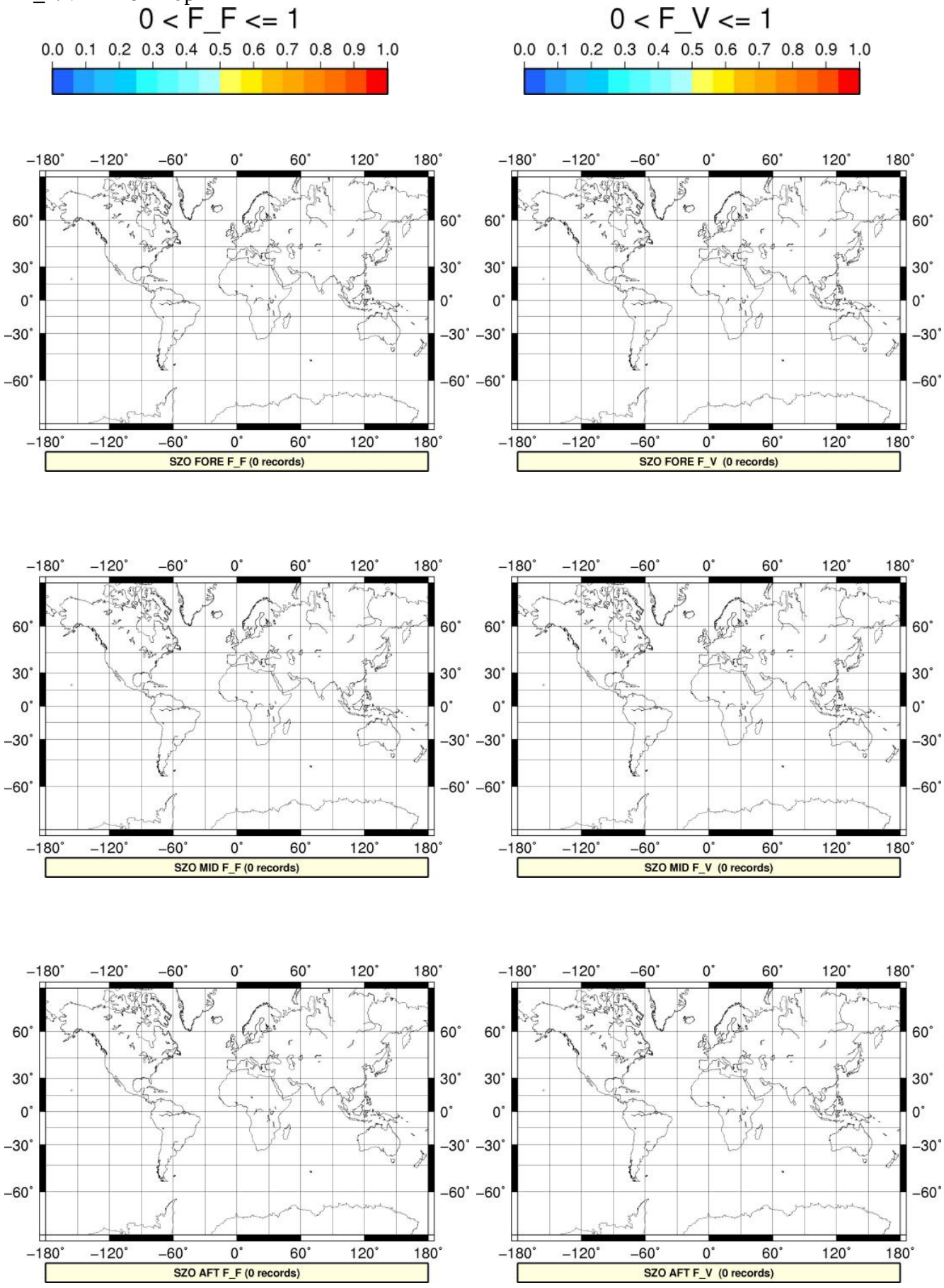
SZO Flagged Data Coverage

0 < F_OA <= 1 on map



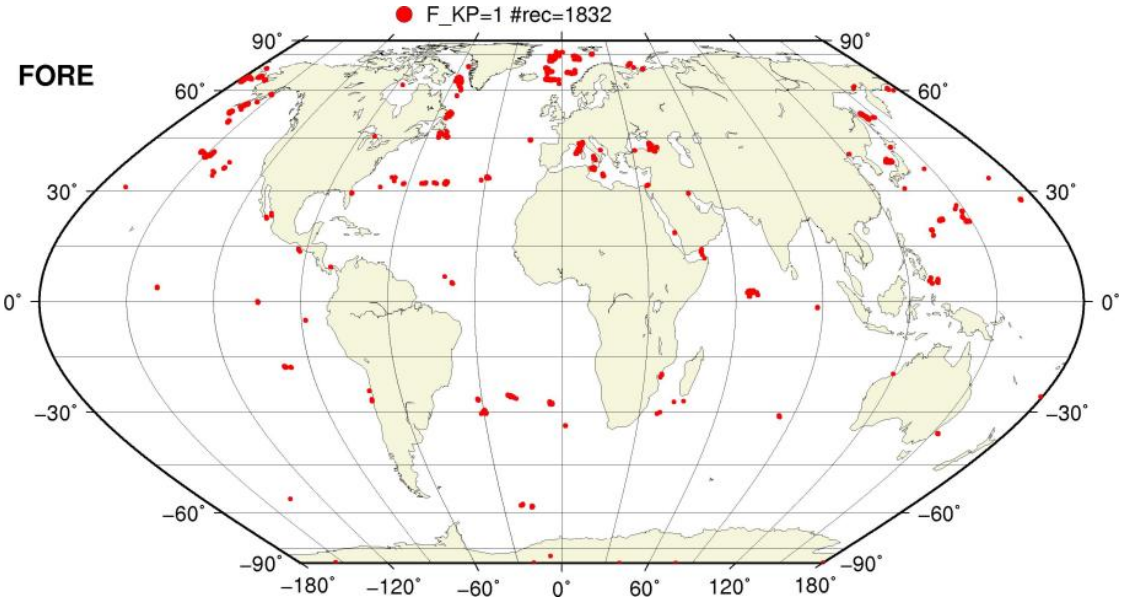
SZO Flagged Data Coverage

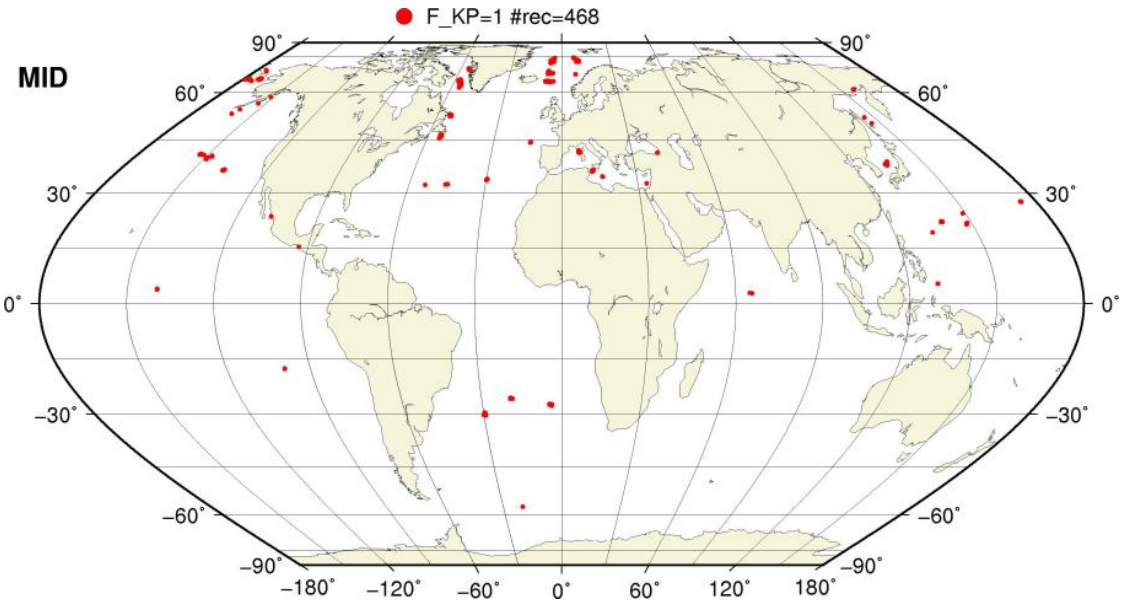
0 < F_F/V <=1 on map

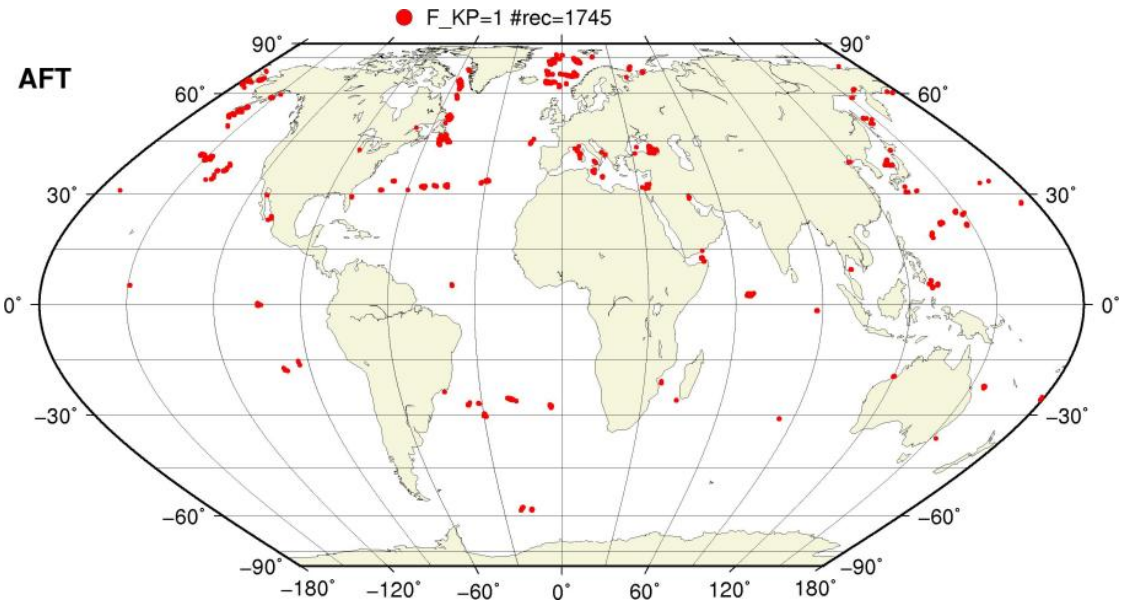


SZR Flagged Data Coverage

F_KP = 1 on map

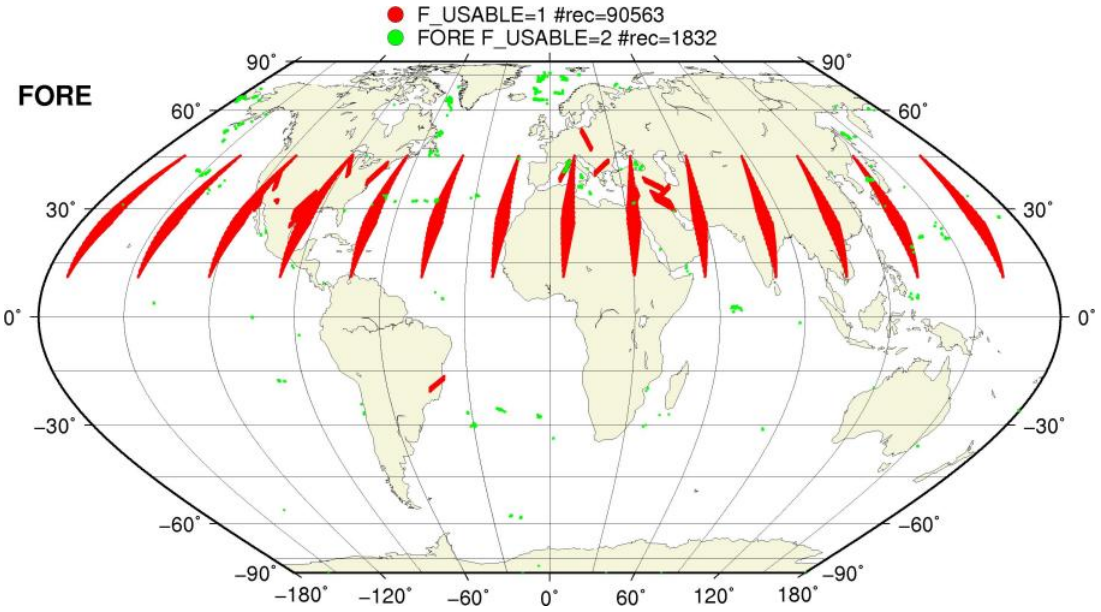


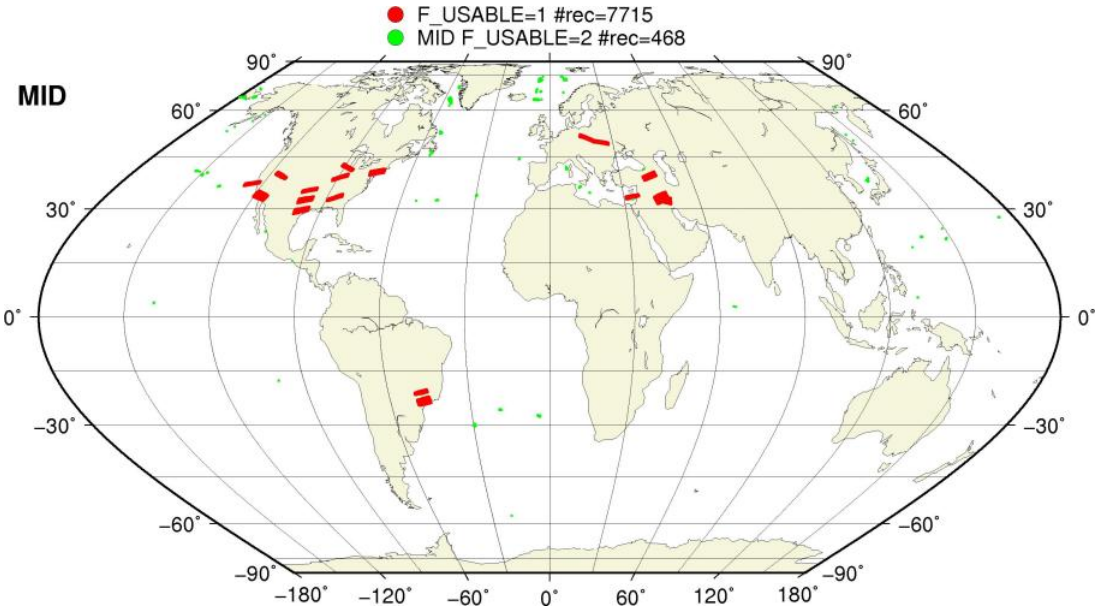


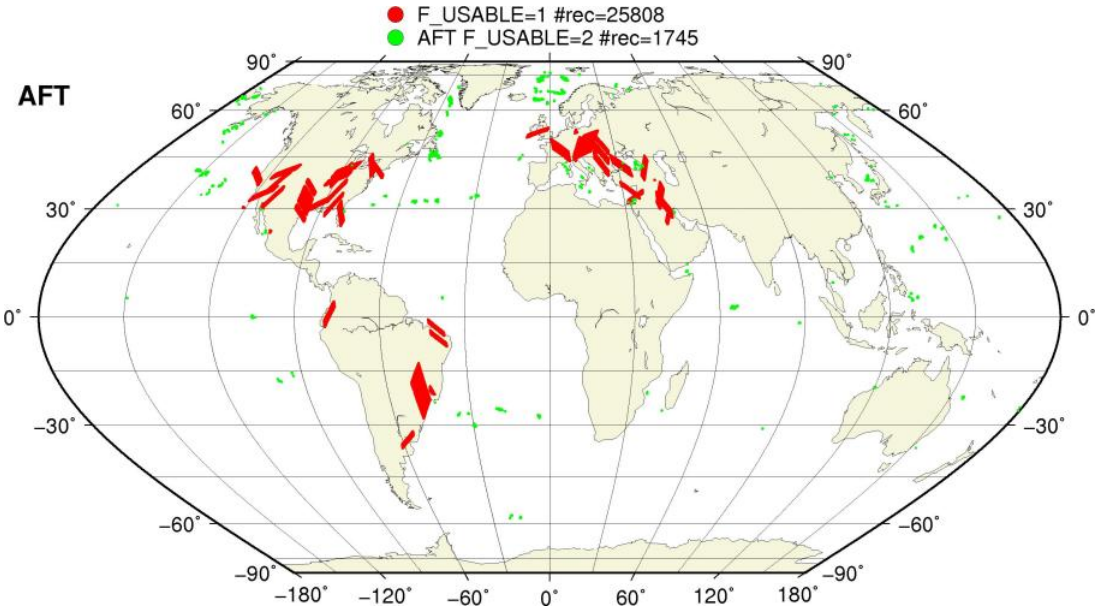


SZR Flagged Data Coverage

F_USABLE = 1 or 2 on map

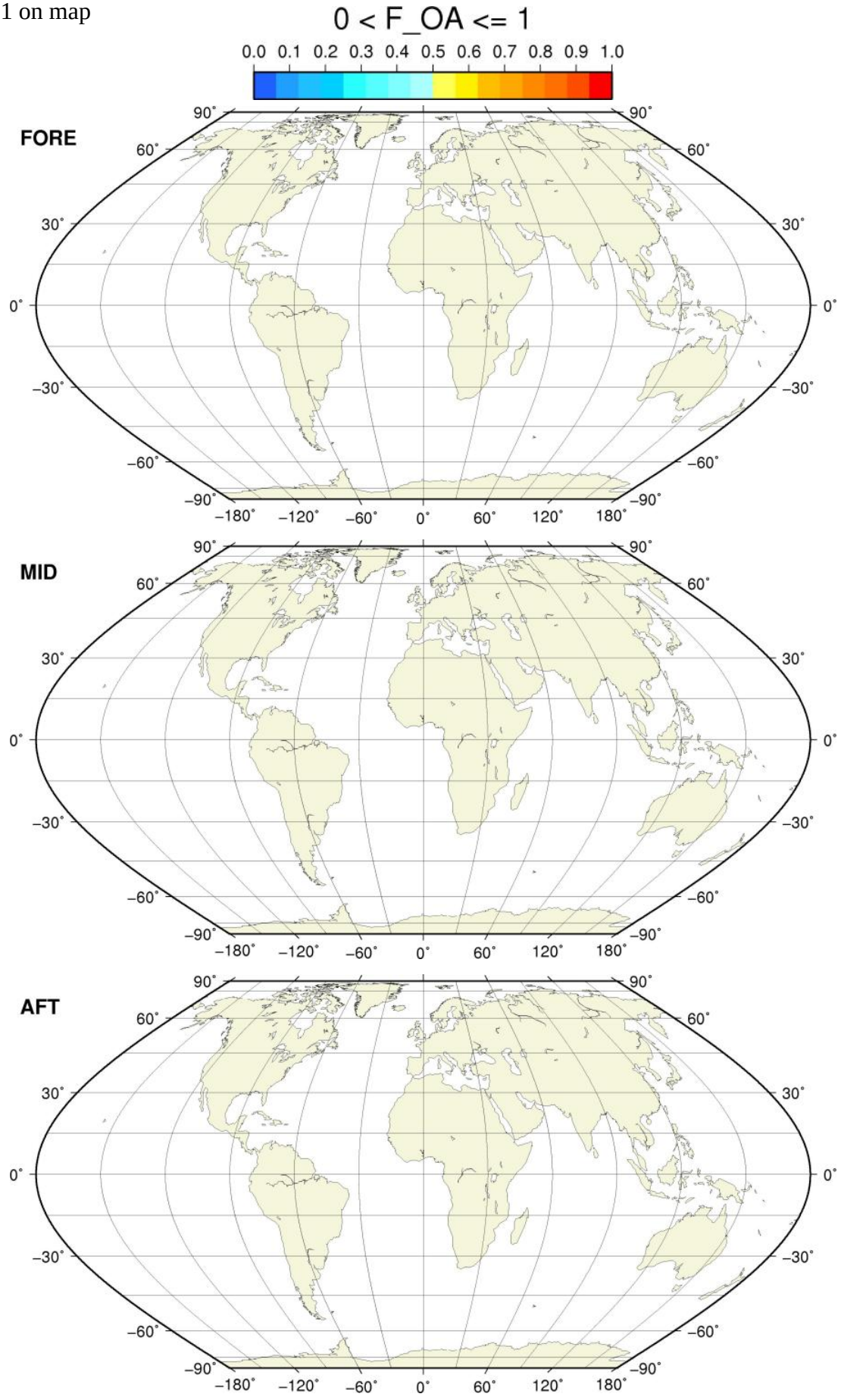






SZR Flagged Data Coverage

0 < F_OA <=1 on map



SZR Flagged Data Coverage

0 < F_F/V <=1 on map