

ASCAT DAILY Report

Metop-C

OPE

DAY 2021_277

20211004000000 - 20211004235959

DATA STATISTICS

BASED ON ORBITS (#12)

15087 15088 15089 15090 15091 15092 15093 15094 15095 15096 15097 15098 15100

ÃË. a. . /«ASCA_IRP_M03_2UgASCA_IRP_M03_2@»ASCA_IRP_M03_2;/ASCA_IRP_M03_2é)ASCA_IRP_M03_2
©ASCA_IRP_M03_2·!ASCA_IRP_M03_2Ú|ASCA_IRP_M03_2çÅASCA_IRP_M03_2?¹ASCA_IRP_M03_2Ë, ASCA_IRP_M03_24ÖASCA_IRP_M03_2
ASCA_IRP_M03_2÷íASCA_IRP_M03_2•[ASCA_IRP_M03_2^âASCA_IRP_M03_2trASCA_IRP_M03_2-IASCA_IRP_M03_2-¶ASCA_IRP_M03_2
ÇASCA_IRP_M03_2ë)ASCA_IRP_M03_2,, ASCA_IRP_M03_2nûASCA_IRP_M03_2 lASCA_IRP_M03_2[ASCA_IRP_M03_2úšASCA_IRP_M03_2
PASCA_IRP_M03_2}YASCA_IRP_M03_2%±ASCA_IRP_M03_2f&ASCA_IRP_M03_2 PASCA_IRP_M03_2éËASCA_IRP_M03_2ýËASCA_IRP_M03_2
ASCA_IRP_M03_2¥1ASCA_IRP_M03_2
ASCA_IRP_M03_2>ËASCA_IRP_M03_2²#ASCA_IRP_M03_2'ÃASCA_IRP_M03_2•dASCA_IRP_M03_2)ASCA_IRP_M03_2 PASCA_IRP_M03_2
ASCA_IRP_M03_2 uASCA_IRP_M03_2KZASCA_IRP_M03_21ZASCA_IRP_M03_2'HASCA_IRP_M03_2™óASCA_IRP_M03_2ž<ASCA_IRP_M03_2
ASCA_IRP_M03_2¿3ASCA_IRP_M03_2SøASCA_IRP_M03_2Ë^ASCA_IRP_M03_2þËASCA_IRP_M03_2ùNASCA_IRP_M03_2âÅASCA_IRP_M03_2

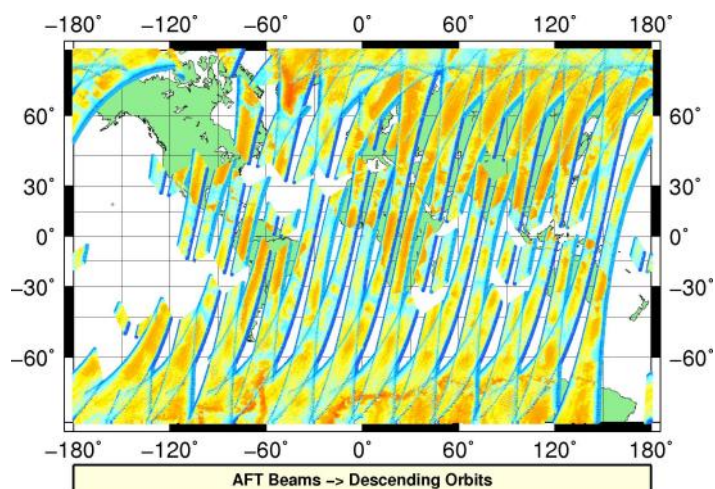
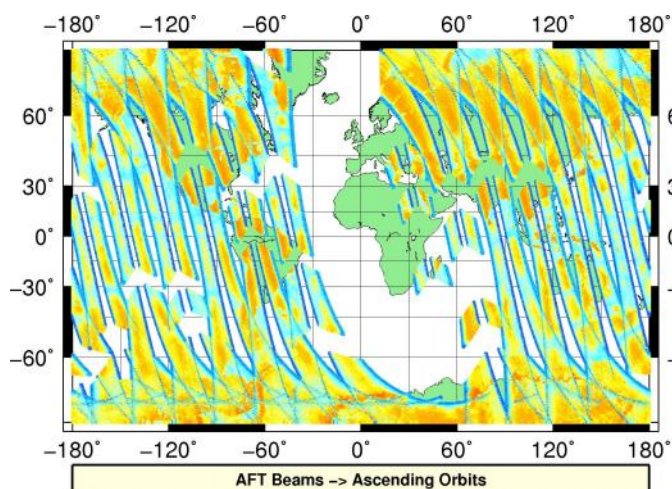
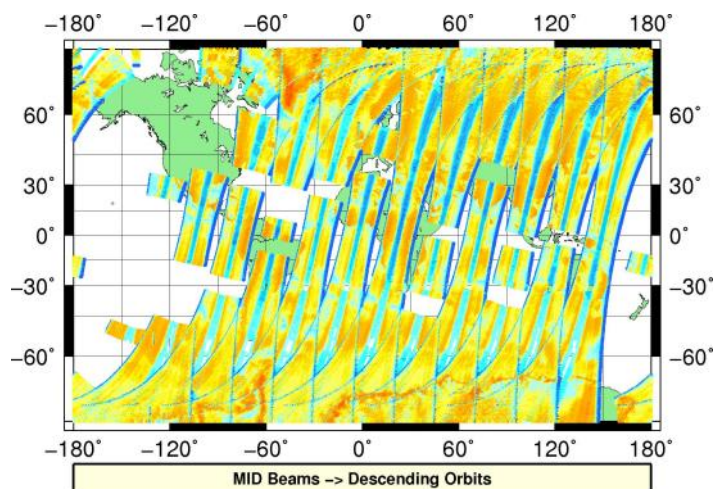
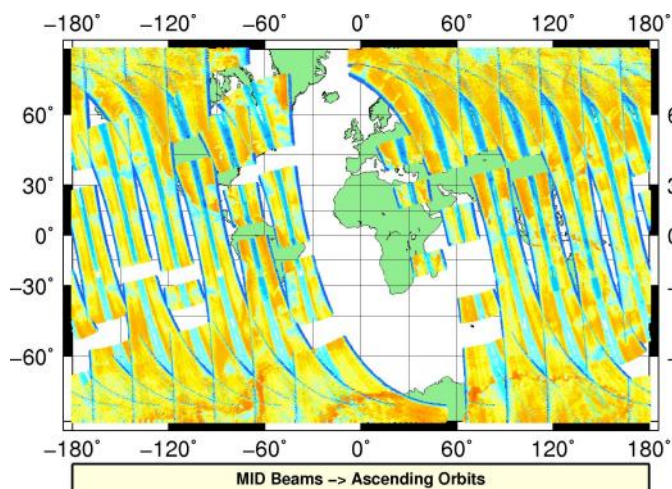
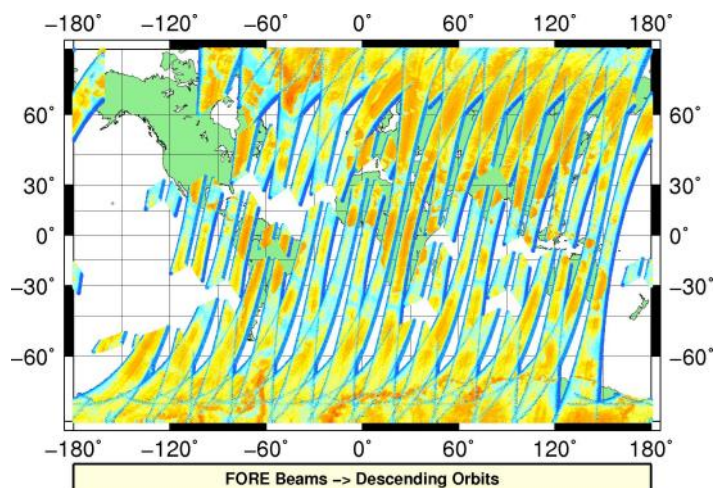
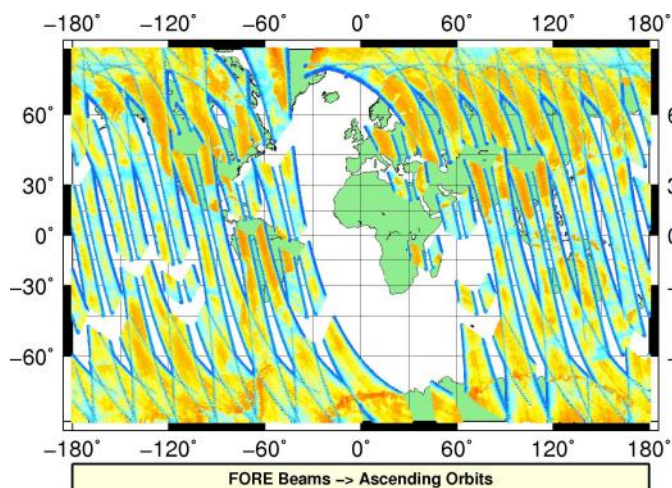
Overview

Configuration and SPHR content

Parameter	Value
SENSING START-STOP	20211004000000 - 20211004235959
ORBIT START-STOP	-
SATELLITE	M03
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	4
PARAM - Revision ID	1
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	386584
N_L1A_MDR_B0	64432
N_L1A_MDR_B1	64431
N_L1A_MDR_B2	64430
N_L1A_MDR_B3	64430
N_L1A_MDR_B4	64429
N_L1A_MDR_B5	64432
N_GAPS	0
TOTAL_GAPS_SIZE	0
N_HKTM_PACKETS_RECEIVED	10230
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	613055
N_F_LAND	31998854
N_F_GEO	2100450
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

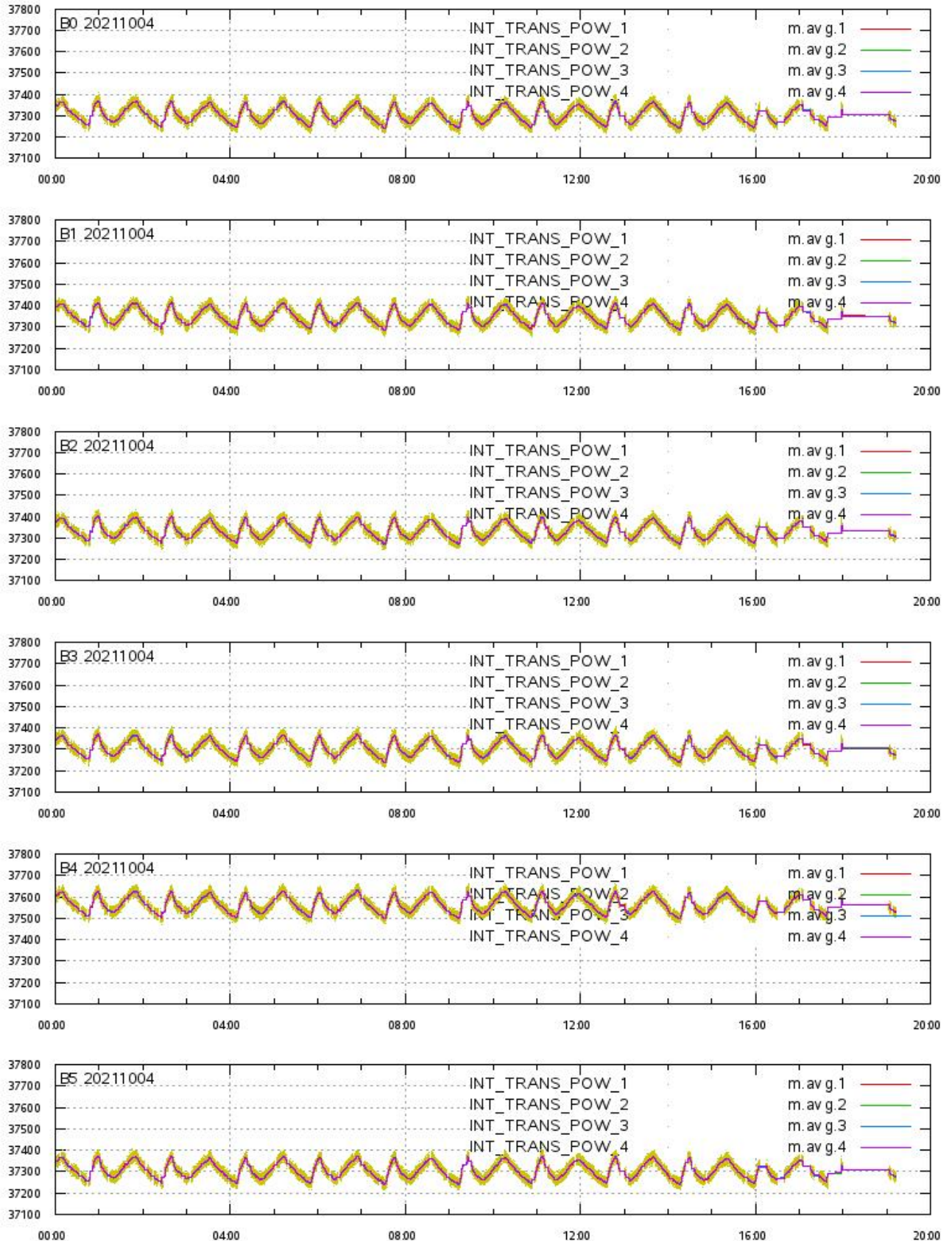
L1A Product

Echo Data Coverage maps



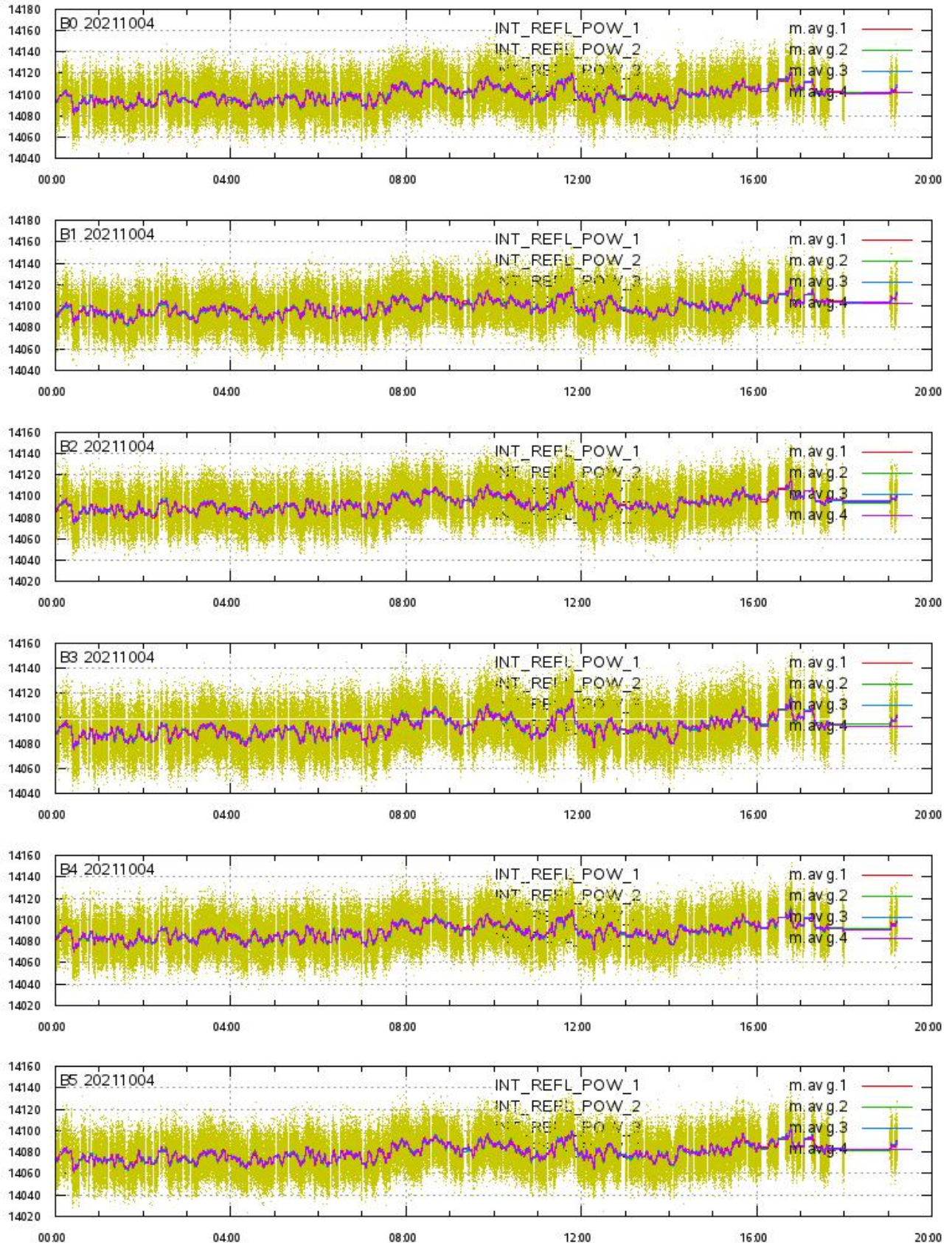
L1A Product

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



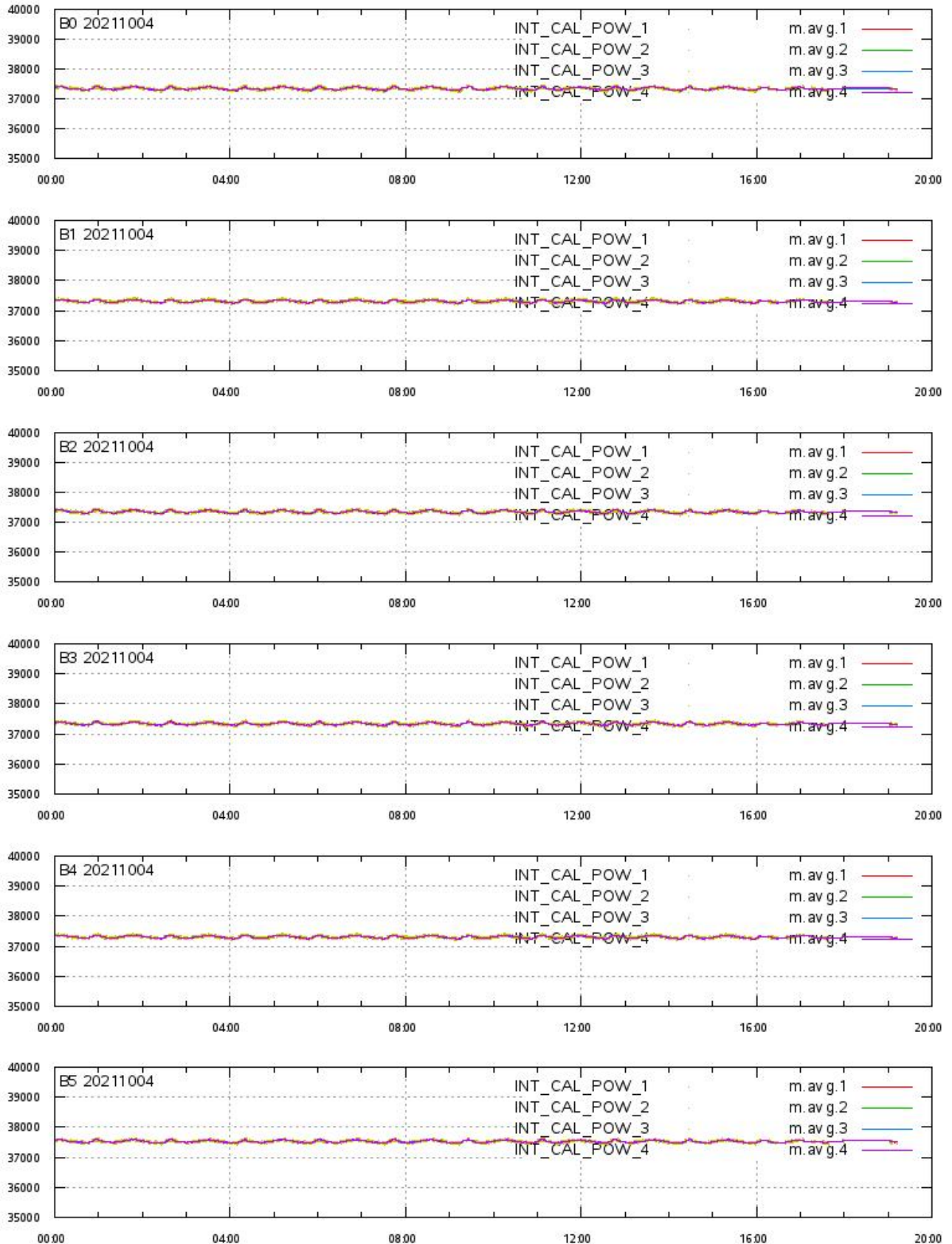
L1A Product

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



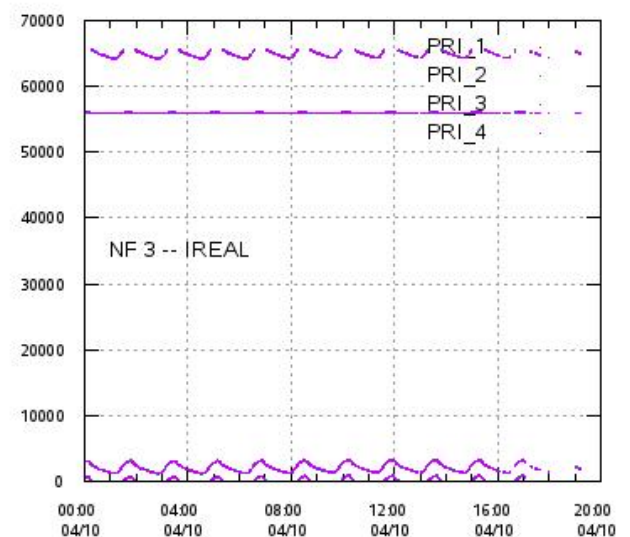
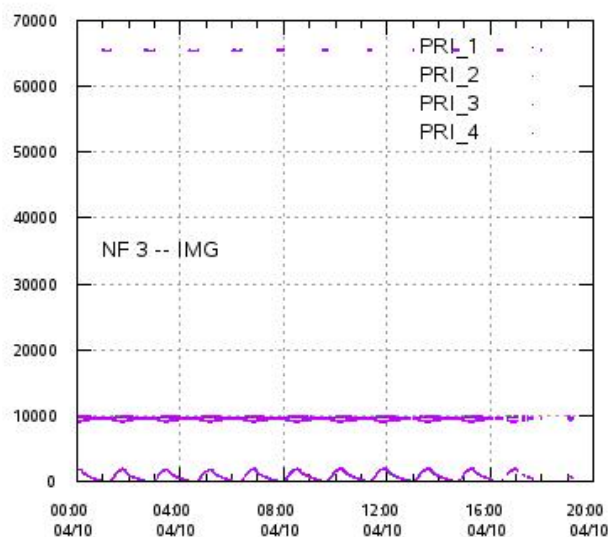
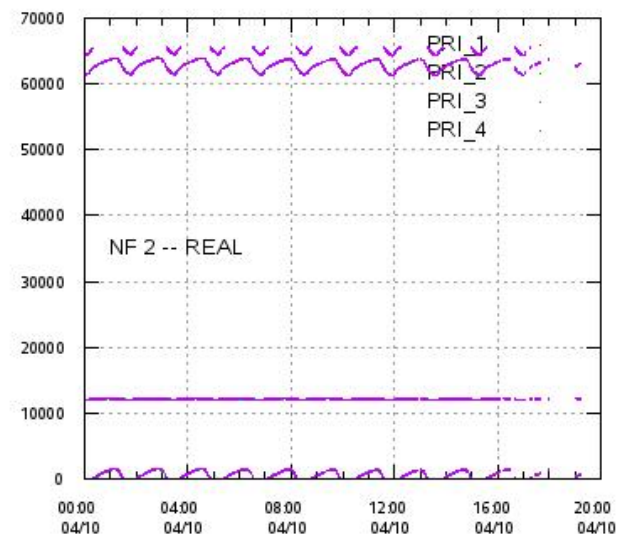
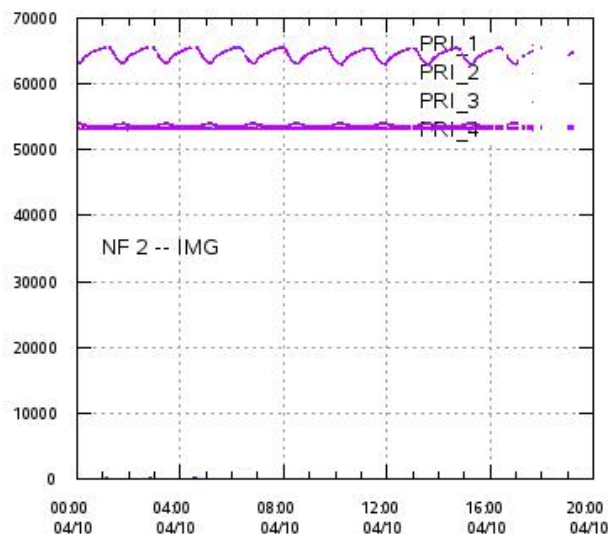
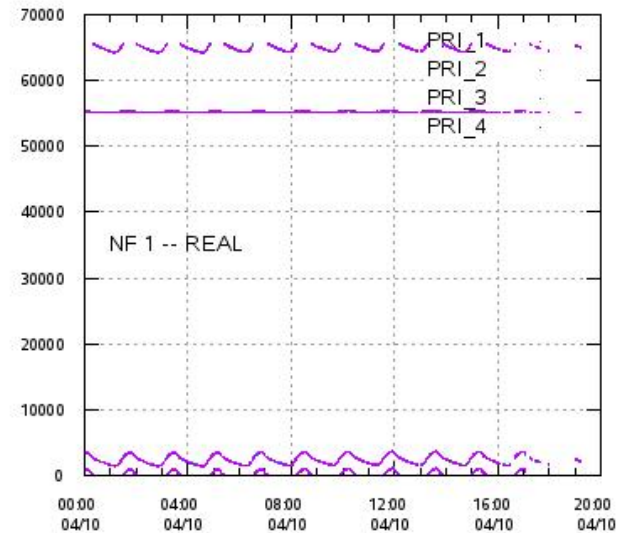
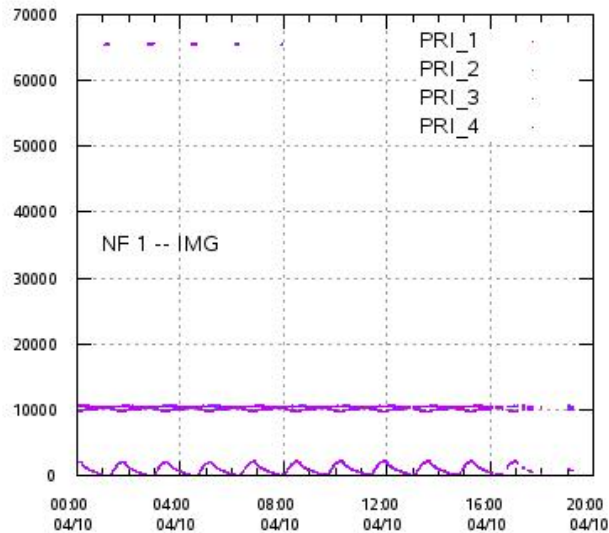
L1A Product

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



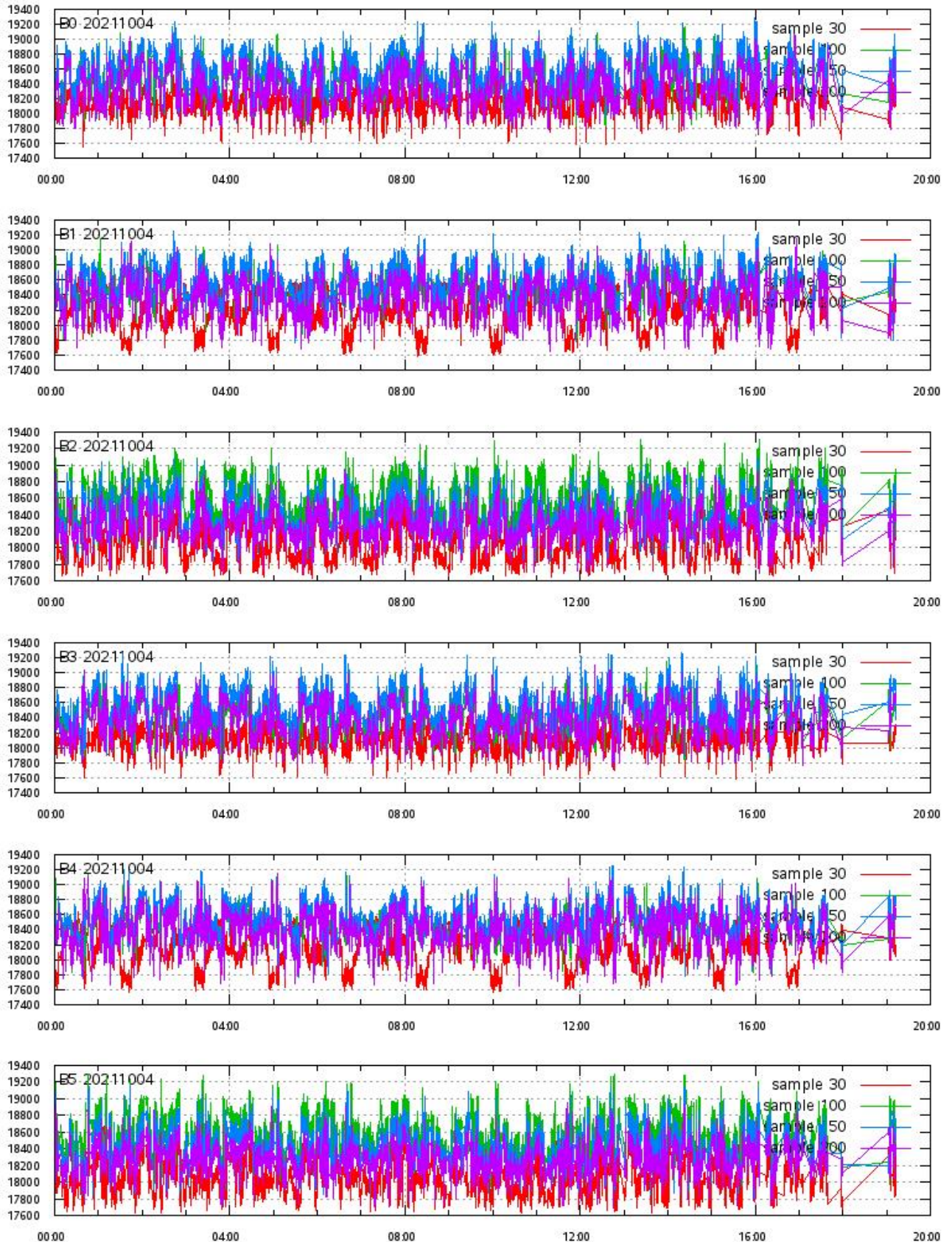
L1A Product

Calibration Powers vs. UTC_LOCALISATION



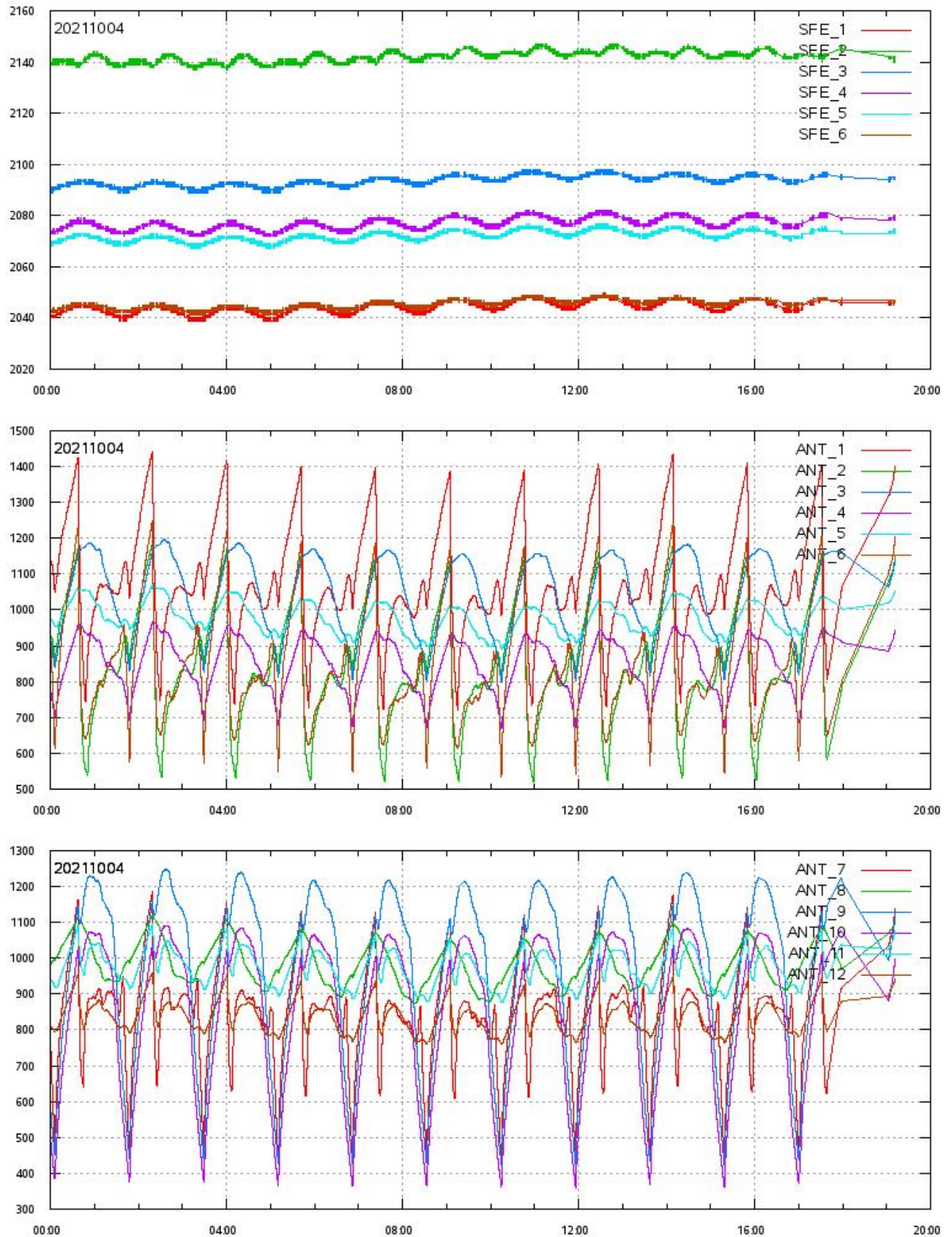
L1A Product

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



L1A Product

SFE & ANT Temperatures (raw) vs. UTC_LOCALISATION

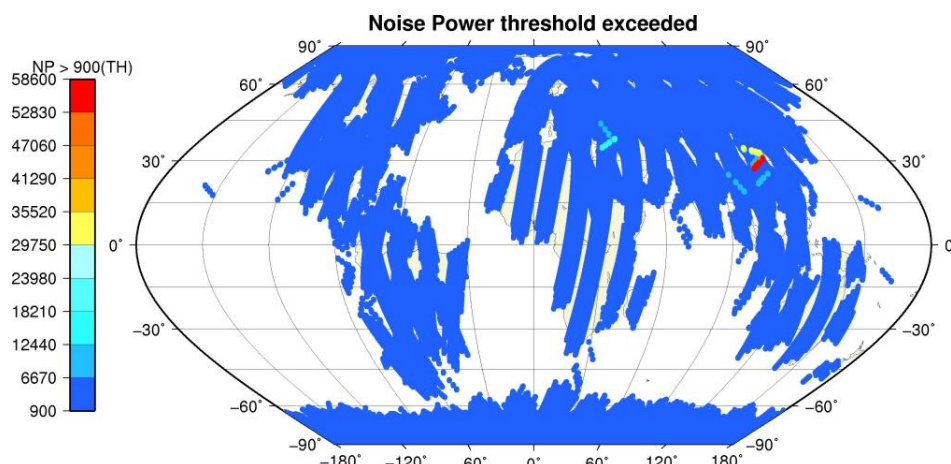
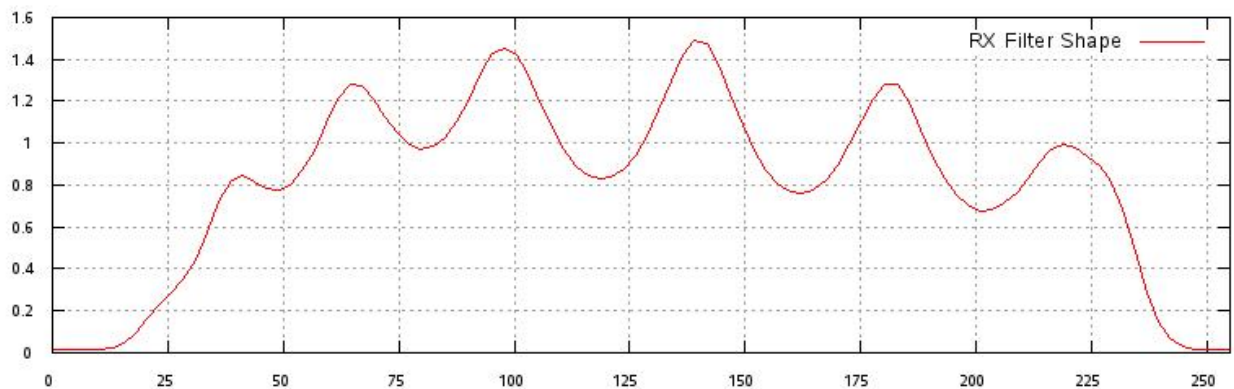
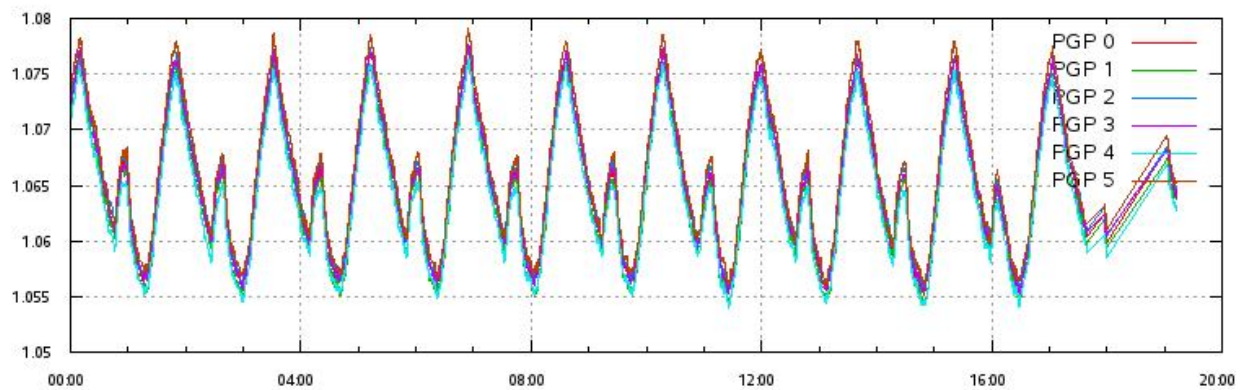
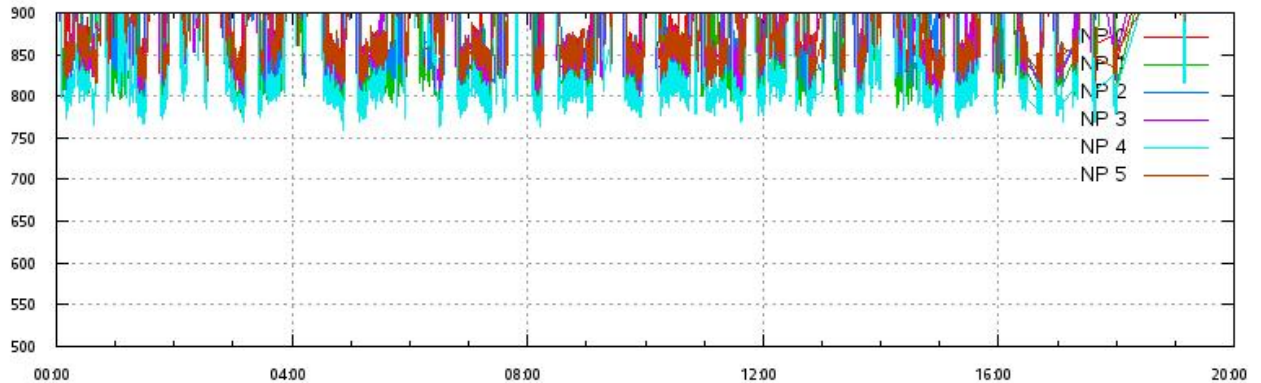


L1A Product

Noise Power & Power Gain Product per beam 0-5 vs. UTC_LOCALISATION

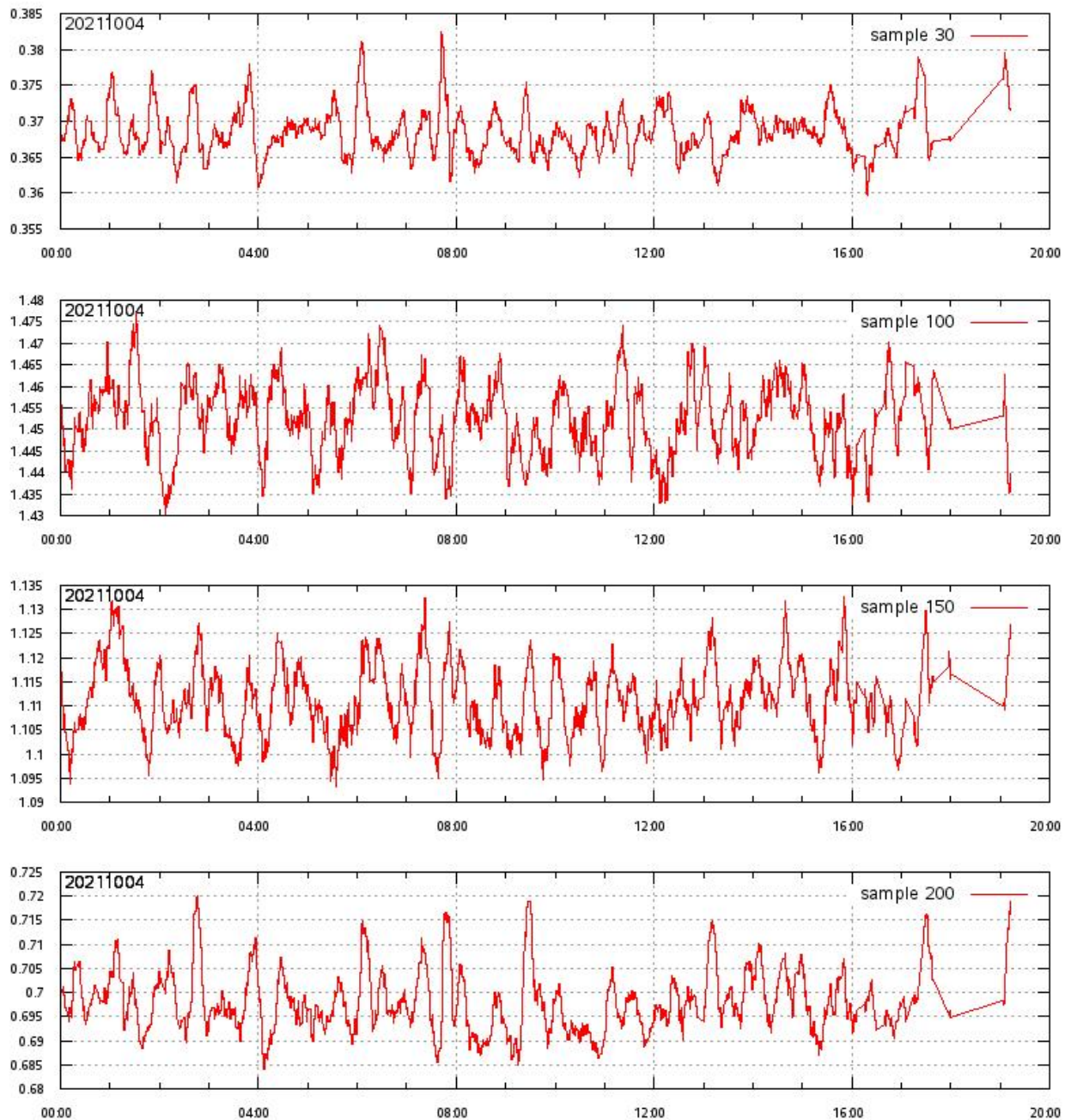
RX Filter Shape average over sample number

Noise Power threshold exceeded (TH=900) on map



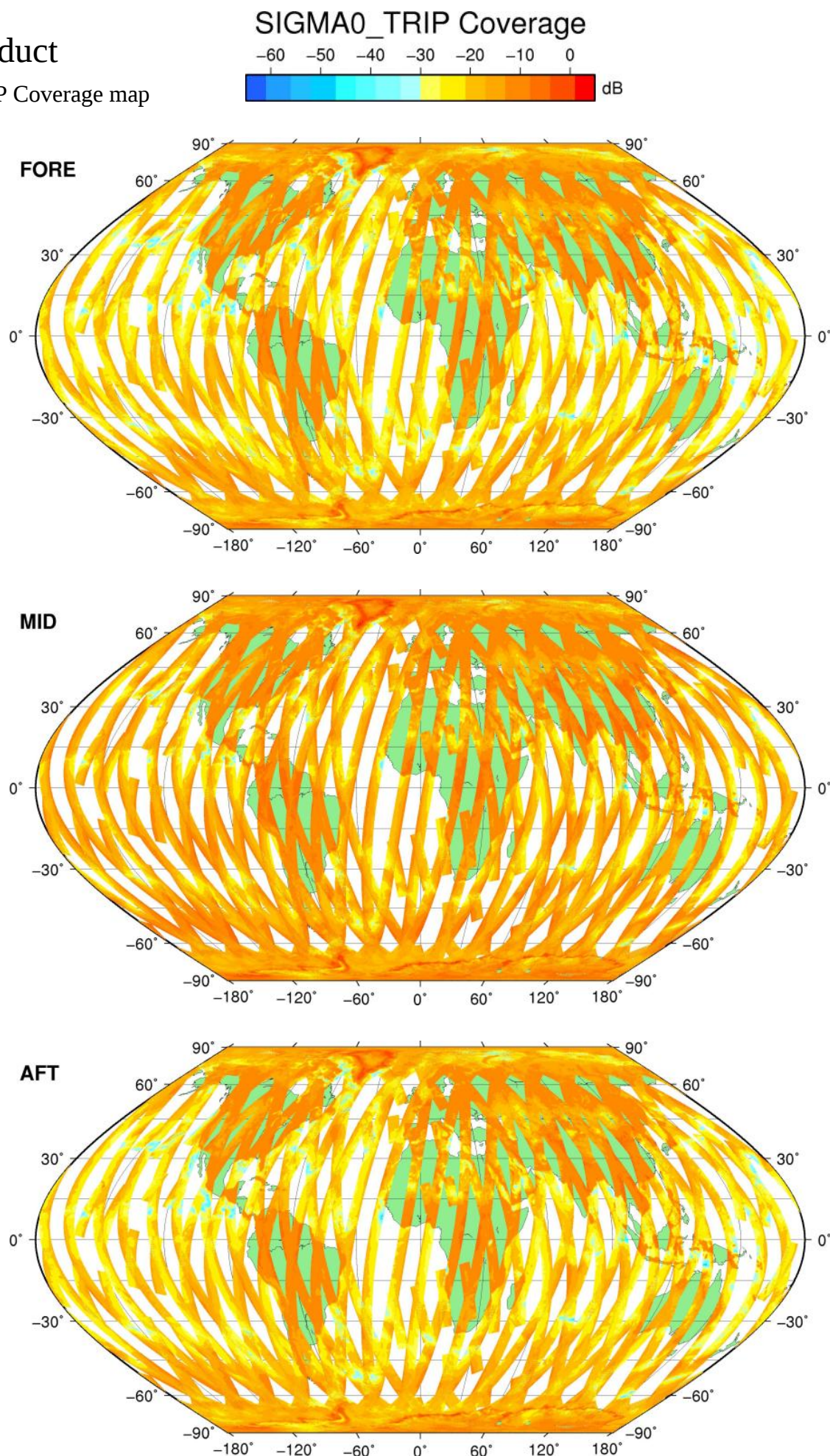
L1A Product

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



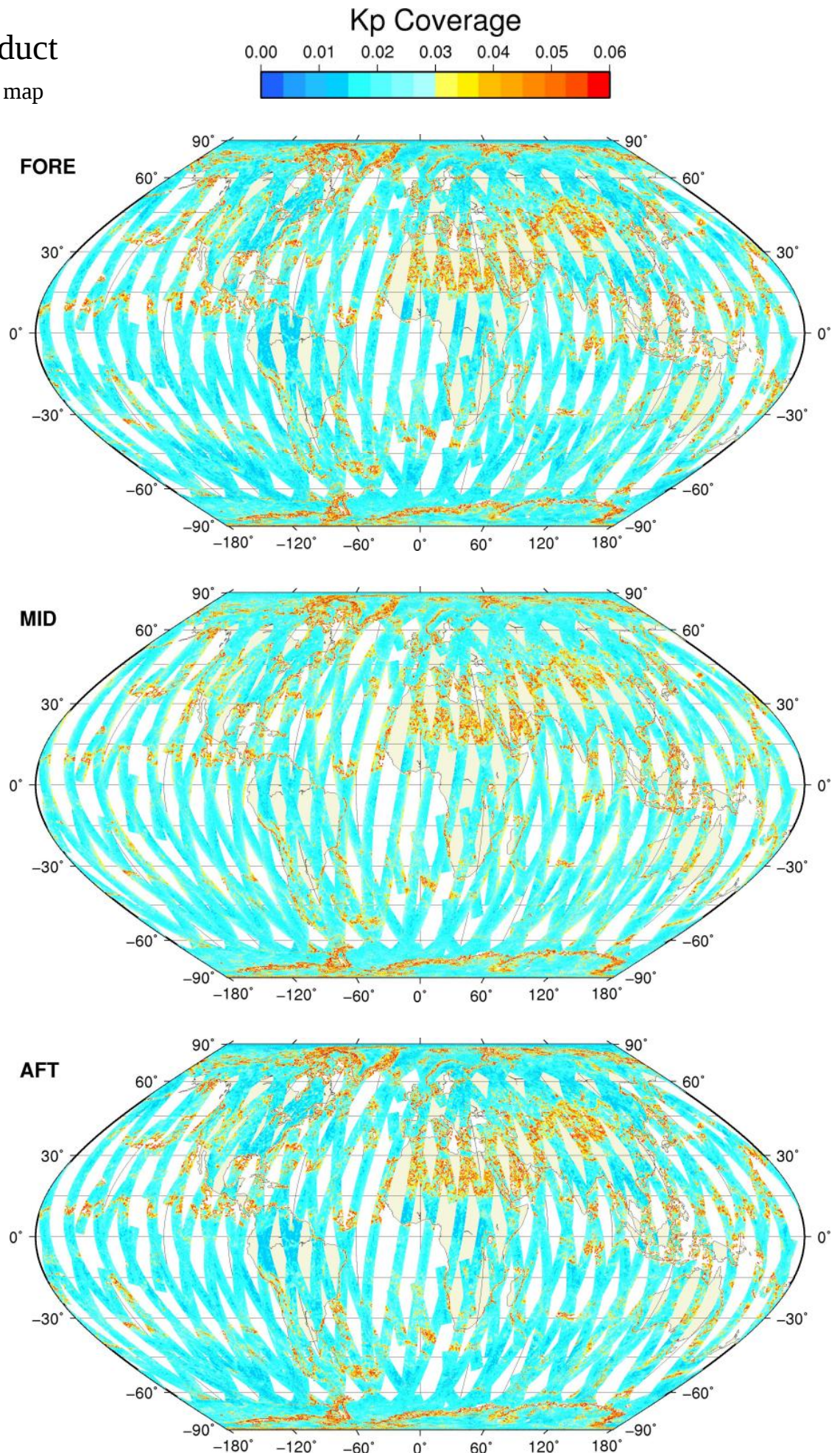
SZO Product

Sigma0_TRIP Coverage map



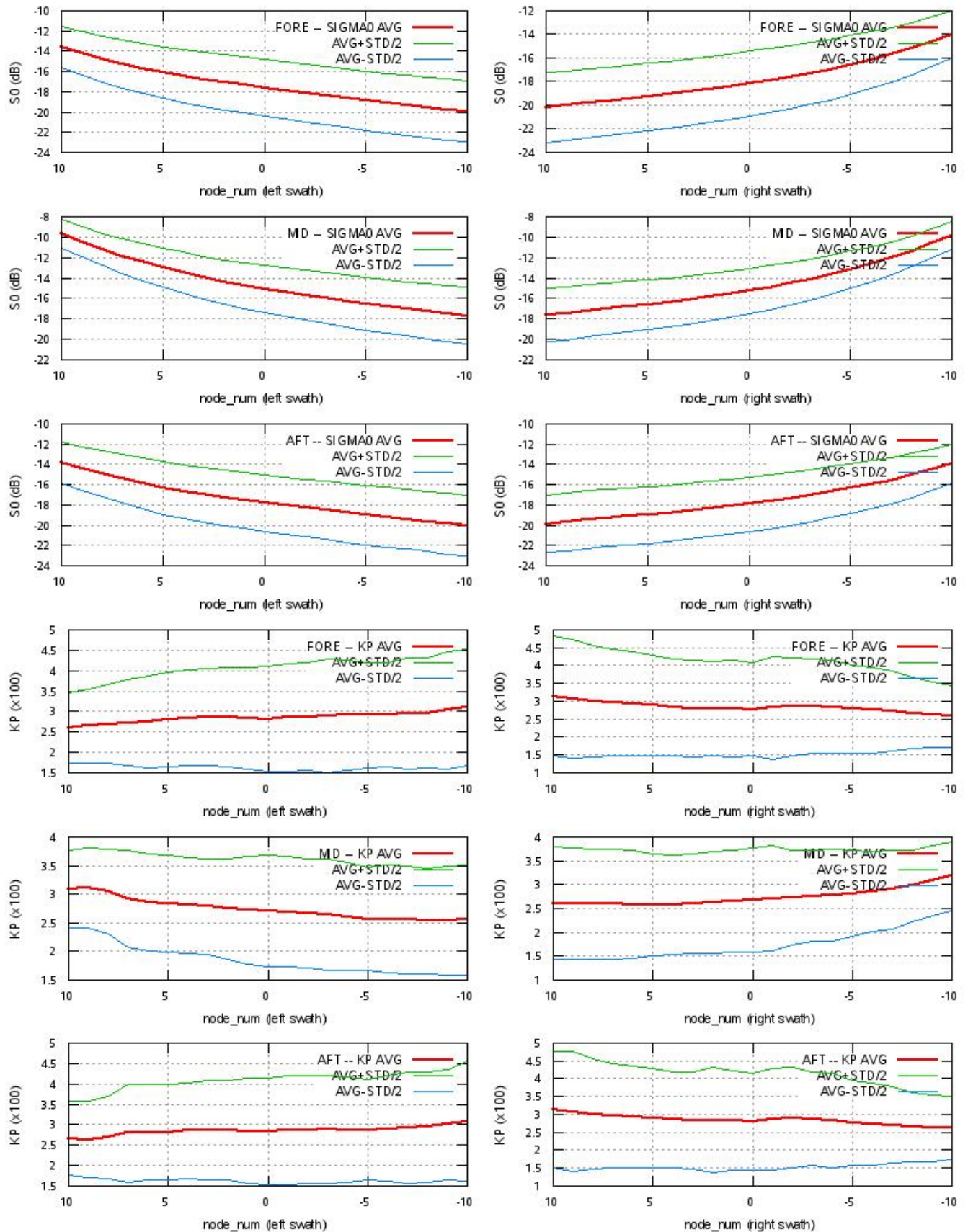
SZO Product

Kp Coverage map



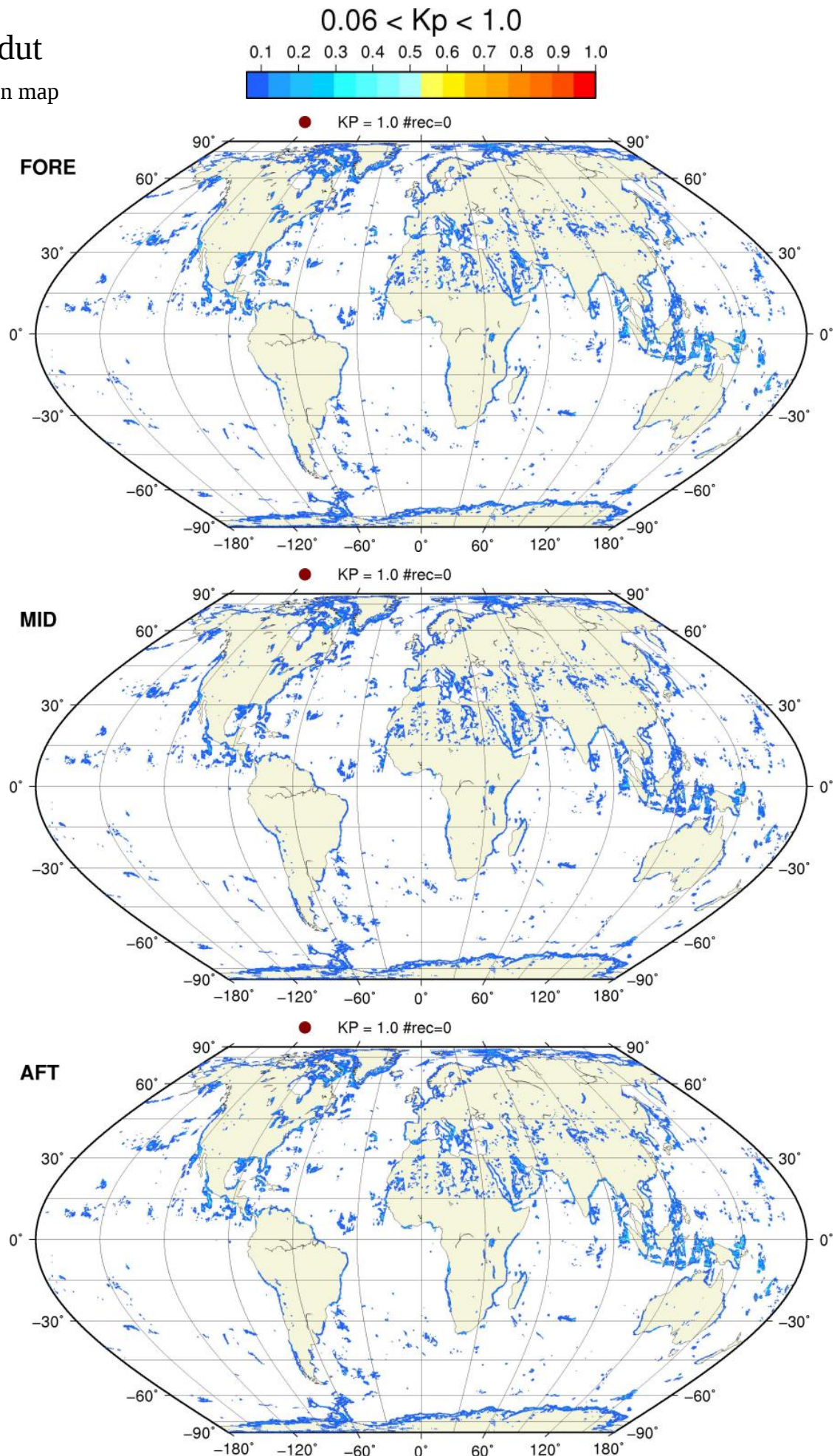
SZO Product

S0 - Kp Statistics



SZO Product

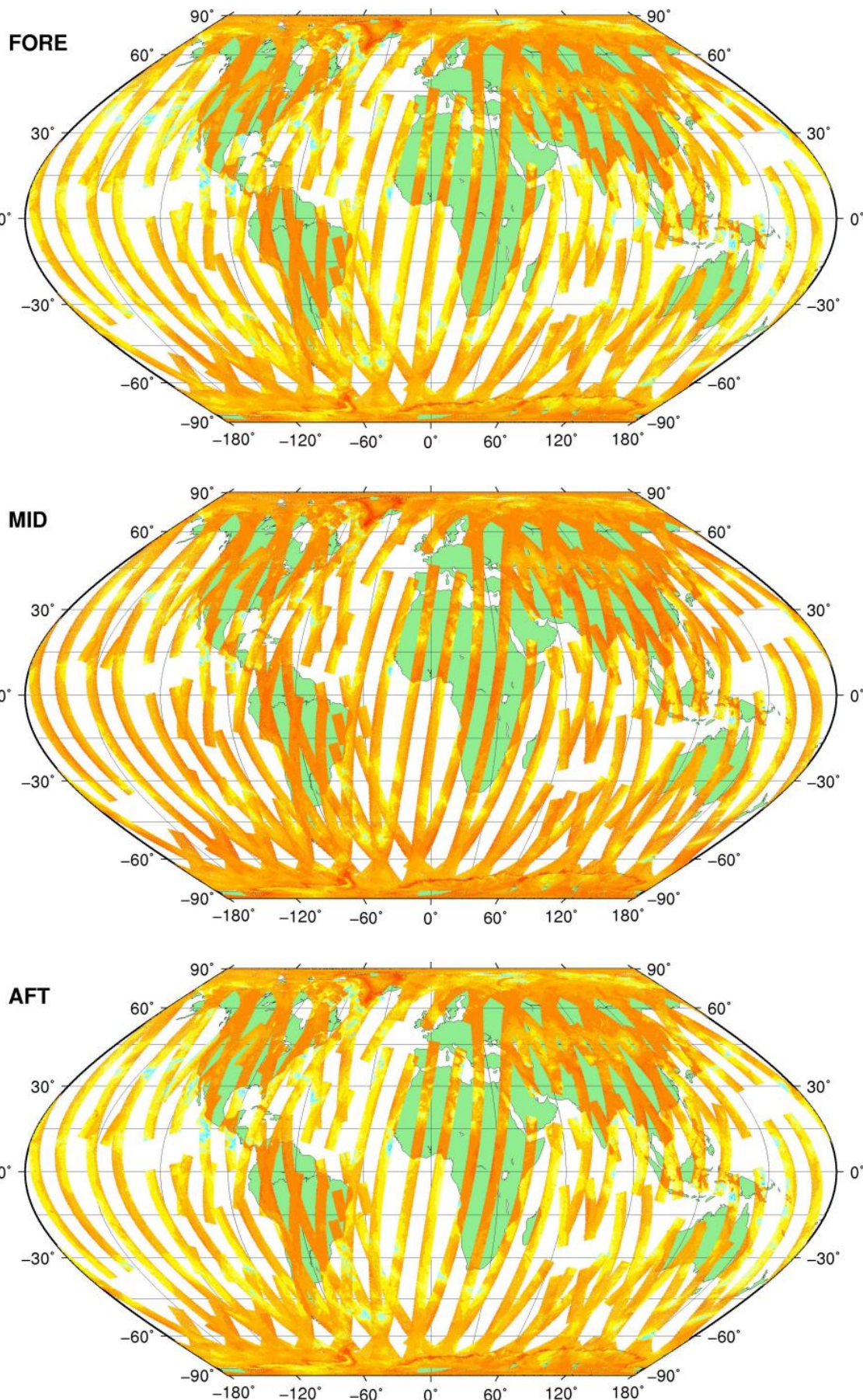
Kp Outliers on map



SZR Product

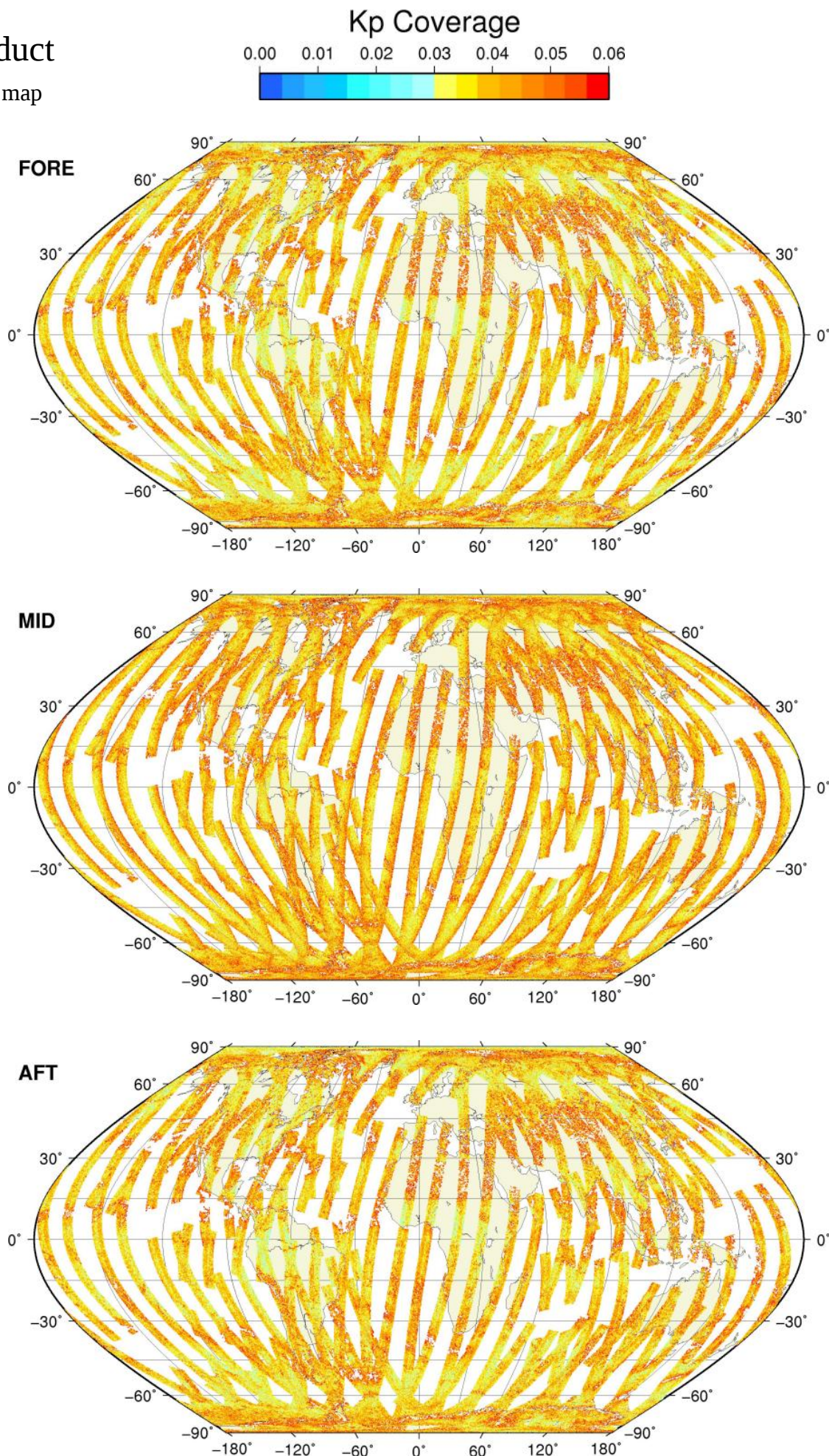
Sigma0_TRIP Coverage map

SIGMA0_TRIP Coverage



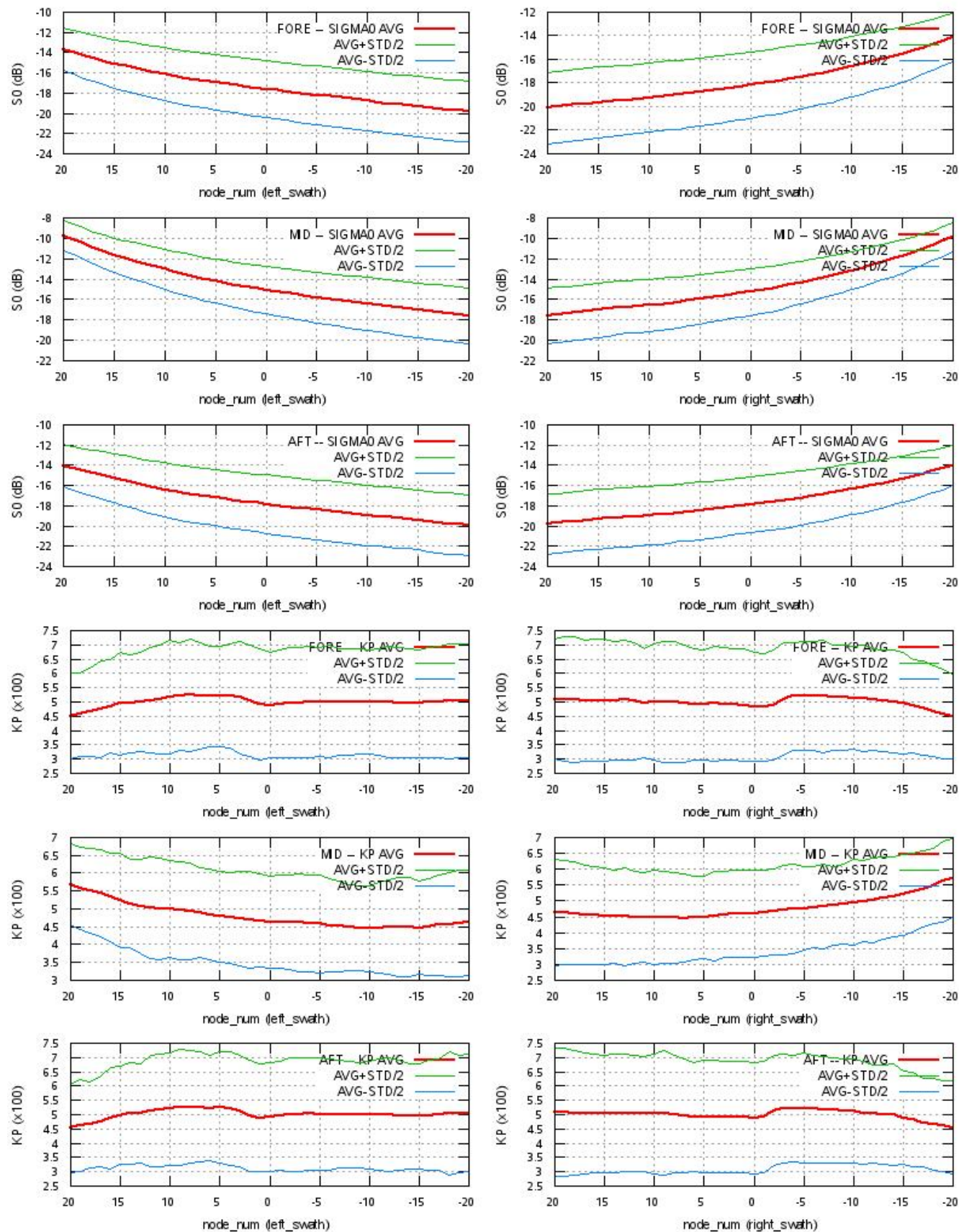
SZR Product

Kp Coverage map



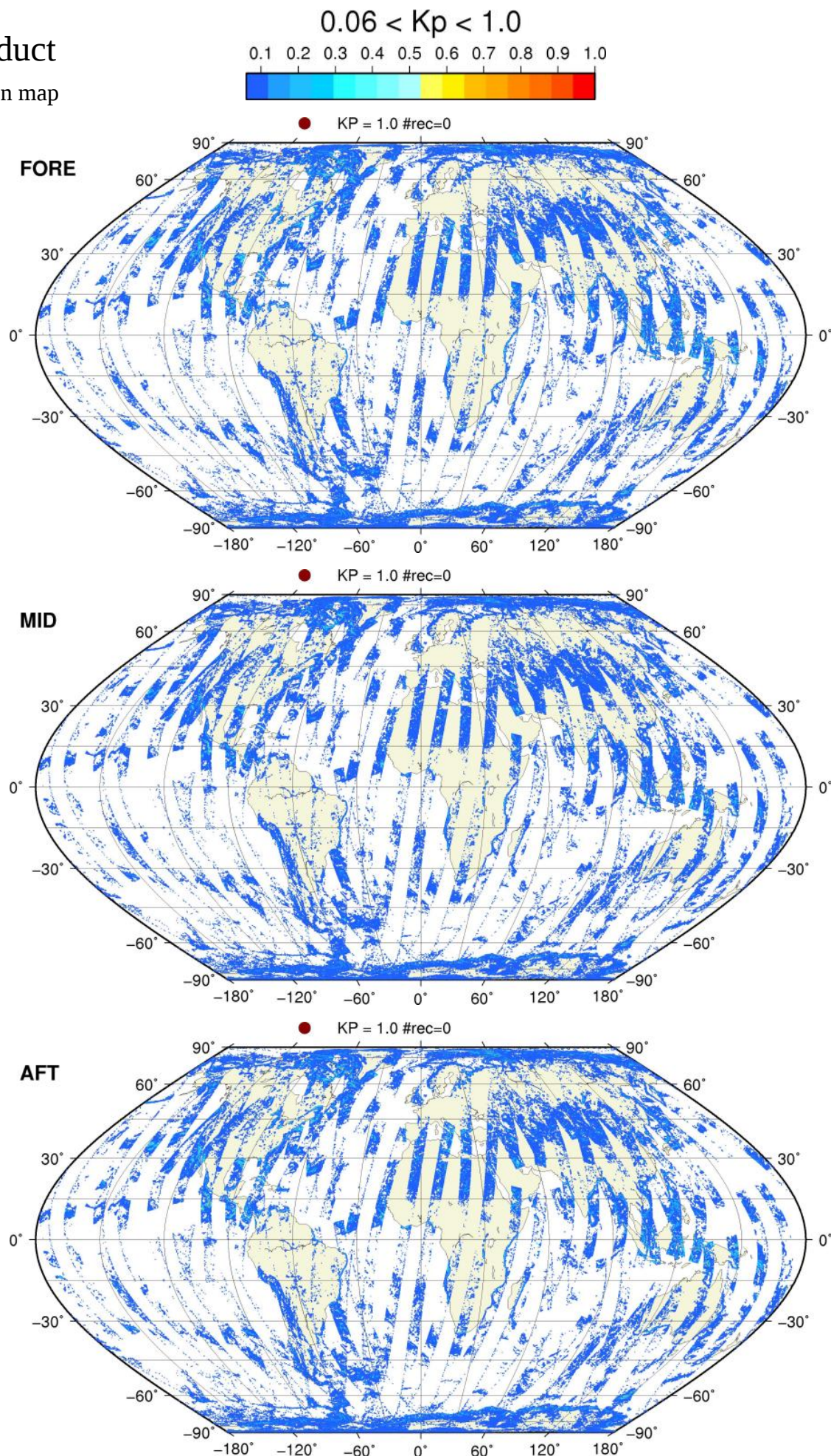
SZR Product

S0 - Kp Statistics



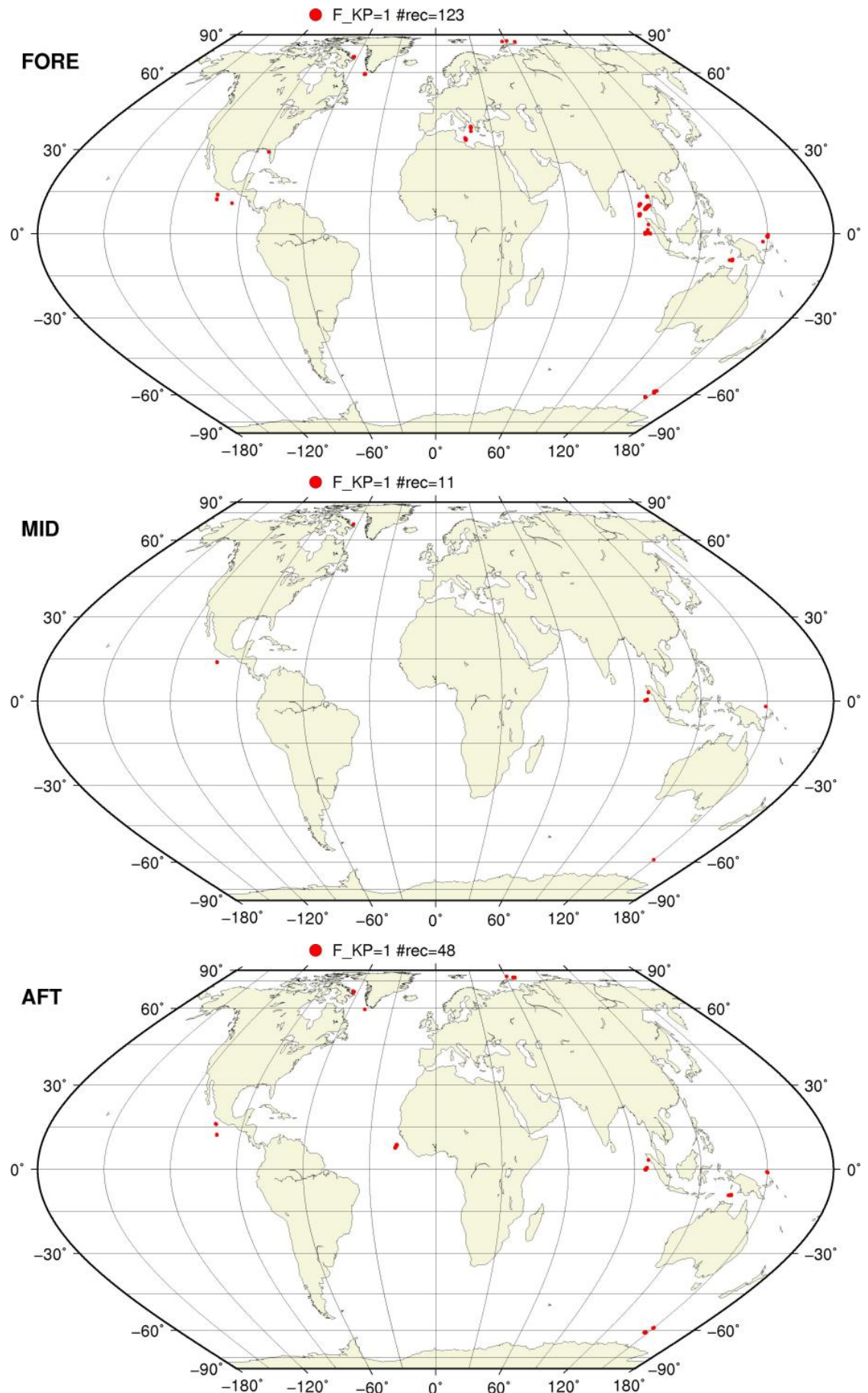
SZR Product

Kp Outliers on map



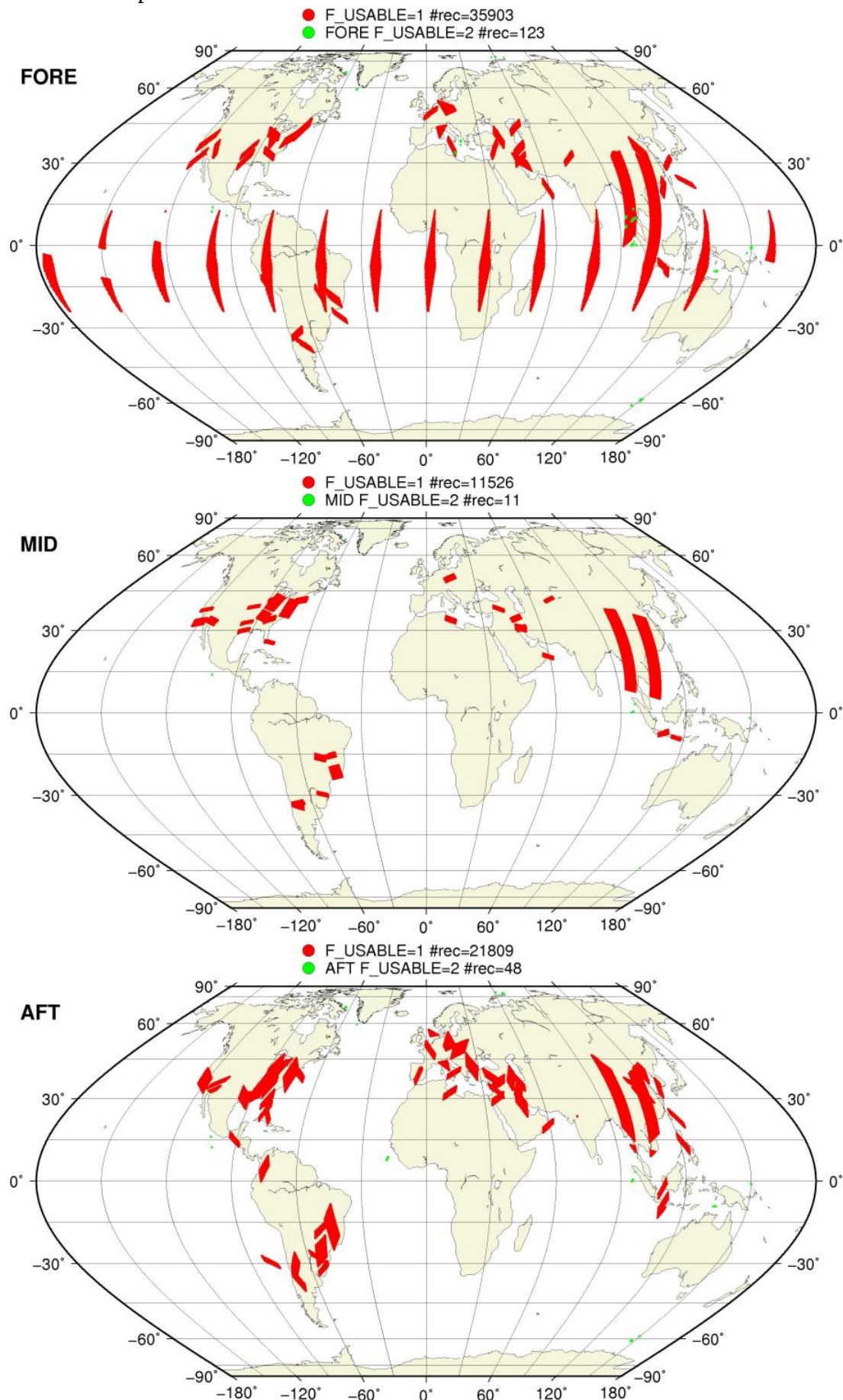
SZO Flagged Data Coverage

F_KP = 1 on map



SZO Flagged Data Coverage

F_USABLE = 1 or 2 on map



SZO Flagged Data Coverage

$0 < F_{OA} \leq 1$ on map



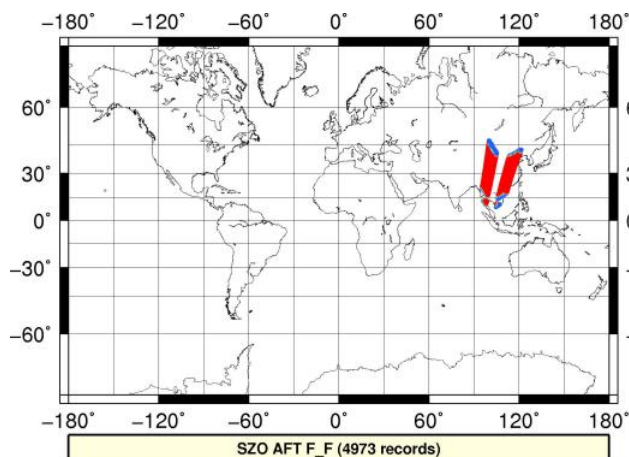
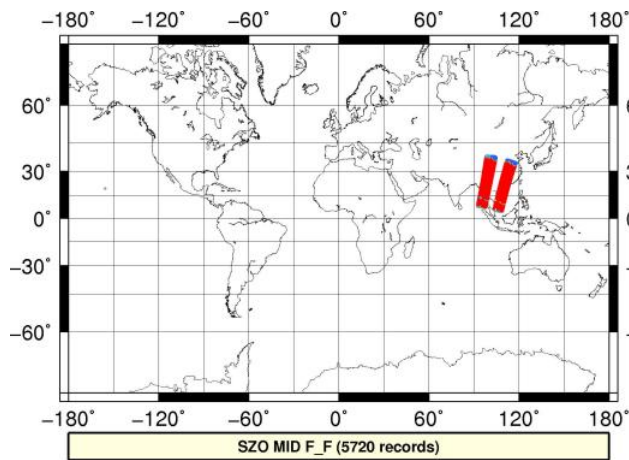
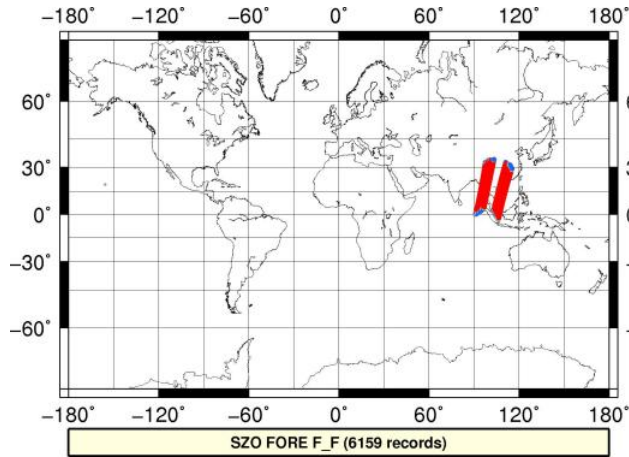
SZO Flagged Data Coverage

$0 < F_{F/V} \leq 1$ on map

$0 < F_F \leq 1$

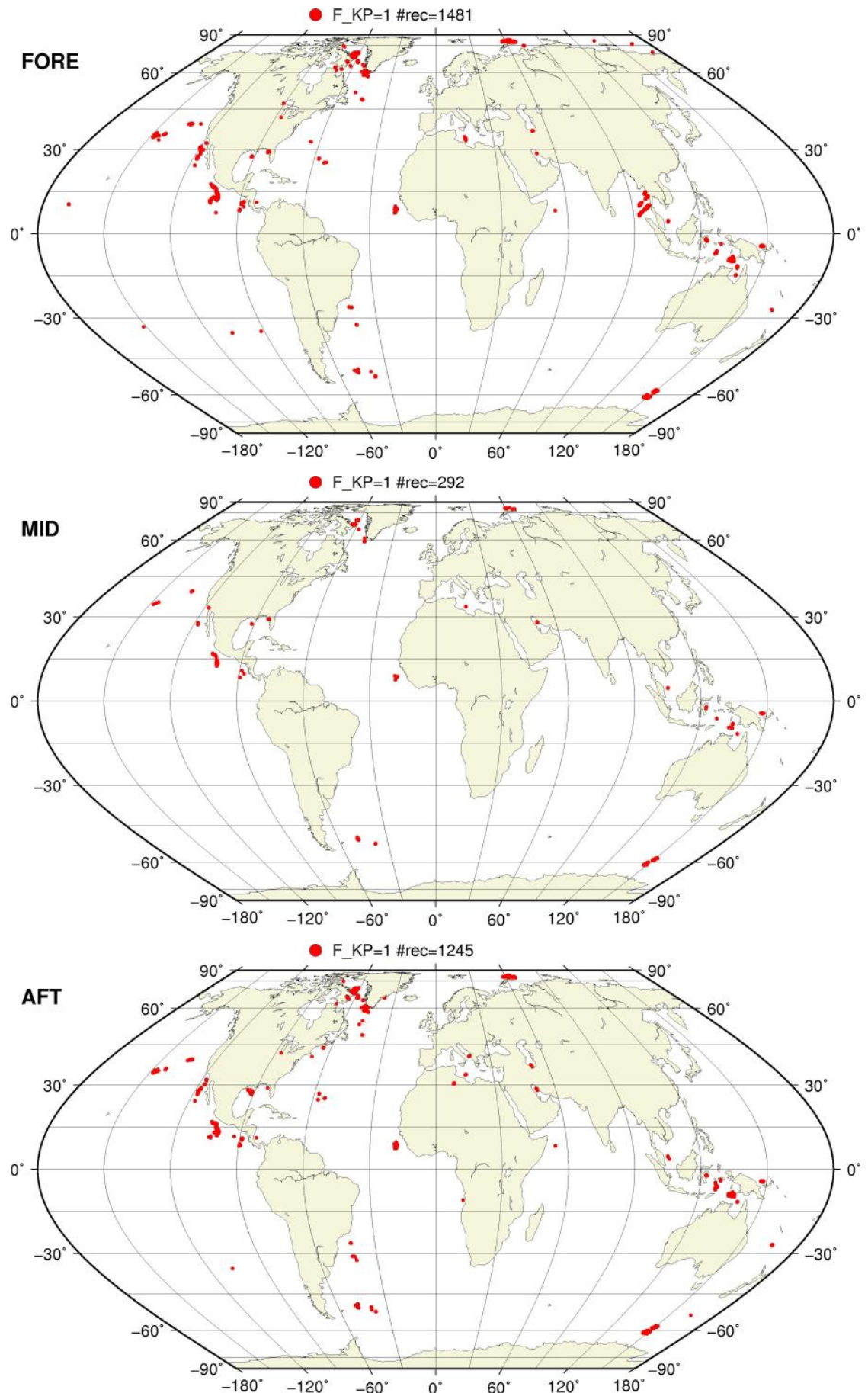


$0 < F_V \leq 1$



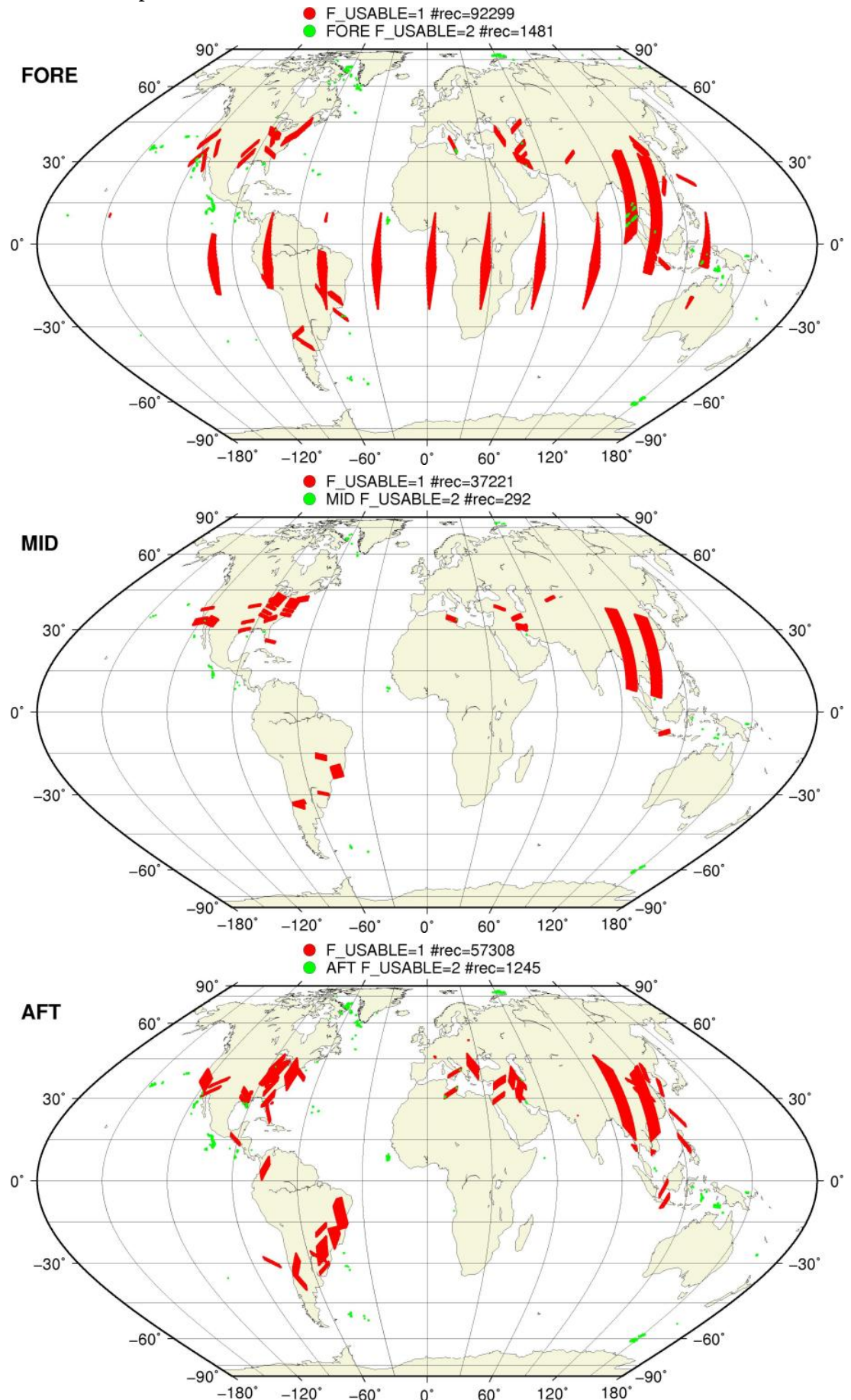
SZR Flagged Data Coverage

F_KP = 1 on map



SZR Flagged Data Coverage

F_USABLE = 1 or 2 on map



SZR Flagged Data Coverage

$0 < F_OA \leq 1$ on map



SZR Flagged Data Coverage

$0 < F_{F/V} \leq 1$ on map

$0 < F_F \leq 1$



$0 < F_V \leq 1$

