

ASCAT DAILY Report

Metop-A

OPE

DAY 2018_336

20181202000000 - 20181202235959

DATA STATISTICS

BASED ON ORBITS (#14)

62884 62885 62886 62887 62888 62889 62890 62891 62892 62893 62894 62895 62896
62897 62898

T. a . . p/ASCA_IRP_M02_2YóASCA_IRP_M02_2,↑ASCA_IRP_M02_2kÂASCA_IRP_M02_2p, ASCA_IRP_M02_2
ASCA_IRP_M02_24†ASCA_IRP_M02_2pWASCA_IRP_M02_27ÑASCA_IRP_M02_2@ ASCA_IRP_M02_2!{ASCA_IRP_M02_2k ASCA_IRP_M02_2
ASCA_IRP_M02_24áASCA_IRP_M02_2p'ASCA_IRP_M02_2 ÜASCA_IRP_M02_2pEASCA_IRP_M02_2%ÜASCA_IRP_M02_2 ÅASCA_IRP_M02_2
JASCA_IRP_M02_2•YASCA_IRP_M02_2Y ASCA_IRP_M02_2Y<ASCA_IRP_M02_2ÜüASCA_IRP_M02_2Y½ASCA_IRP_M02_2Q ASCA_IRP_M02_2
ASCA_IRP_M02_2k†ASCA_IRP_M02_24\$ASCA_IRP_M02_24^ASCA_IRP_M02_24IASCA_IRP_M02_2Y|ASCA_IRP_M02_2,±ASCA_IRP_M02_2
«ASCA_IRP_M02_2» ASCA_IRP_M02_24PASCA_IRP_M02_2 äASCA_IRP_M02_2ÜiASCA_IRP_M02_2q"ASCA_IRP_M02_2k#ASCA_IRP_M02_2
ASCA_IRP_M02_2-:ASCA_IRP_M02_2 •ASCA_IRP_M02_2 1ASCA_IRP_M02_2pQASCA_IRP_M02_2ô@ASCA_IRP_M02_2™ASCA_IRP_M02_2
ASCA_IRP_M02_20iASCA_IRP_M02_2kbASCA_IRP_M02_2pµASCA_IRP_M02_2,ASCA_IRP_M02_2 xASCA_IRP_M02_2Y ASCA_IRP_M02_2
ASCA_IRP_M02_2e"ASCA_IRP_M02_2pDASCA_IRP_M02_2,kASCA_IRP_M02_2,•ASCA_IRP_M02_2¥ ASCA_IRP_M02_2k-ASCA_IRP_M02_2
ASCA_IRP_M02_2YPASCA_IRP_M02_2 @ASCA_IRP_M02_2 ³ASCA_IRP_M02_24rASCA_IRP_M02_2Y7ASCA_IRP_M02_2pVASCA_IRP_M02_2

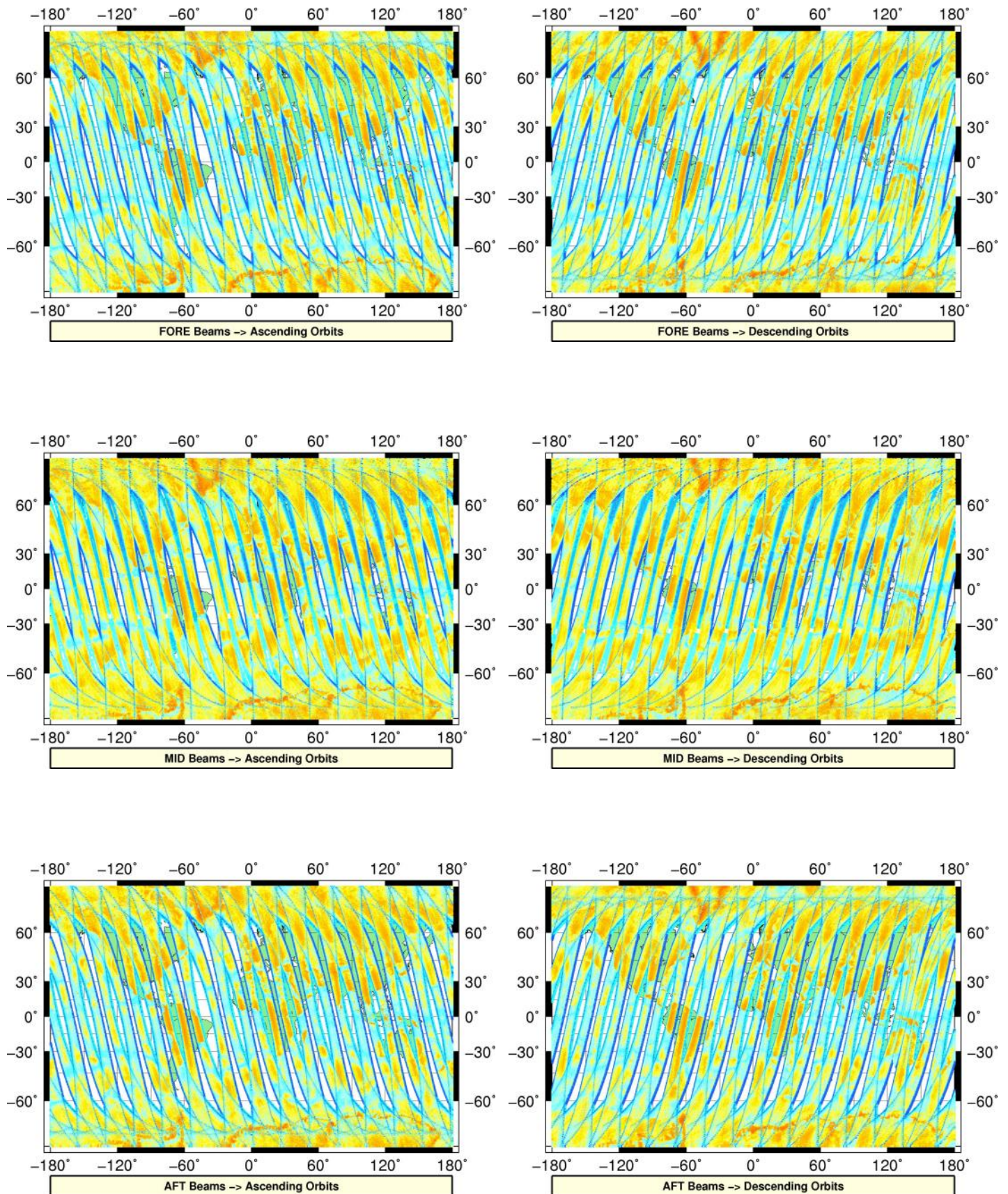
Overview

Configuration and SPHR content

Parameter	Value
SENSING START-STOP	20181202000000 - 20181202235959
ORBIT START-STOP	-
SATELLITE	M02
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	0
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	610398
N_L1A_MDR_B0	101733
N_L1A_MDR_B1	101733
N_L1A_MDR_B2	101733
N_L1A_MDR_B3	101733
N_L1A_MDR_B4	101733
N_L1A_MDR_B5	101733
N_GAPS	0
TOTAL_GAPS_SIZE	0
N_HKTM_PACKETS_RECEIVED	16162
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	1129939
N_F_LAND	48962070
N_F_GEO	3261744
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

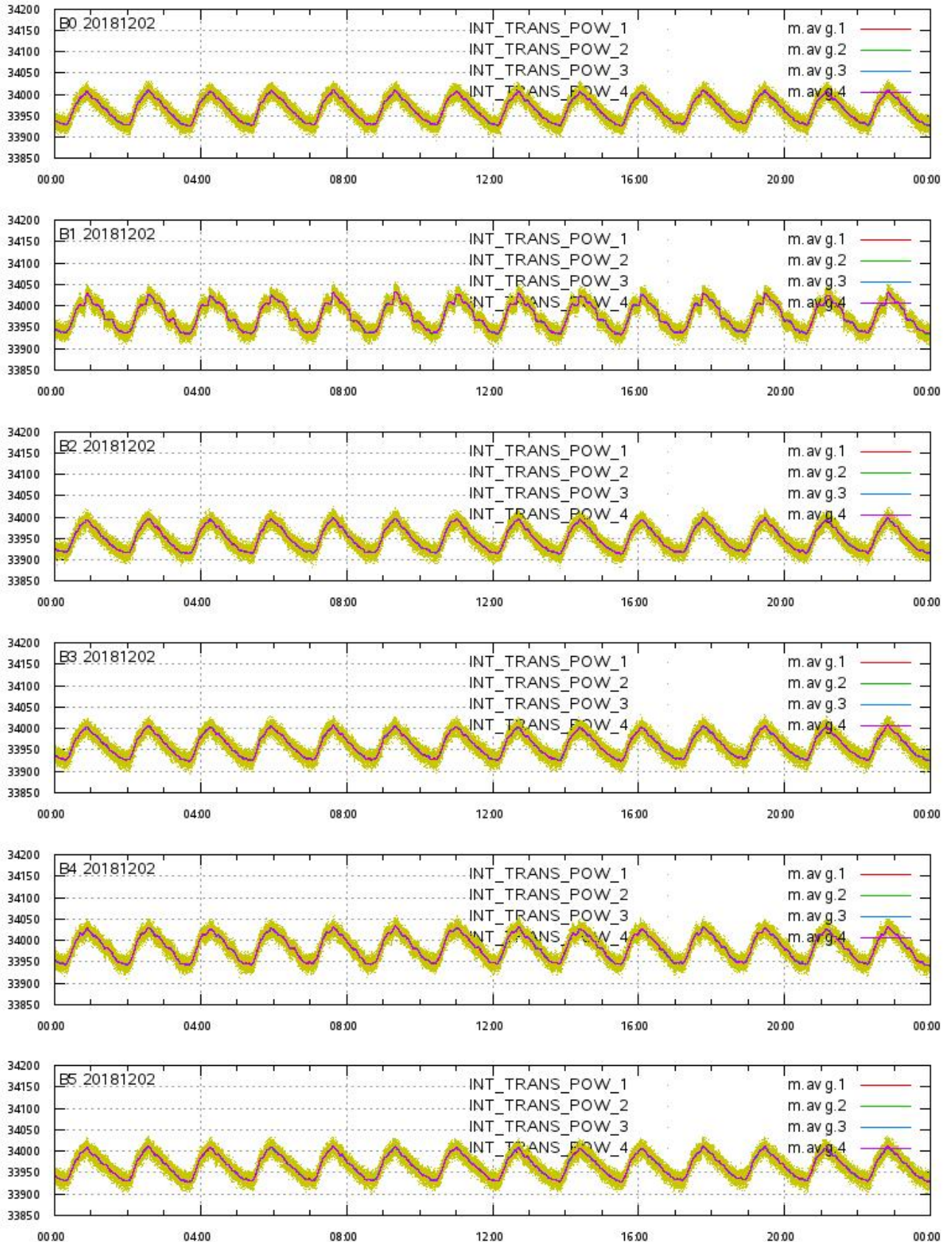
L1A Product

Echo Data Coverage maps



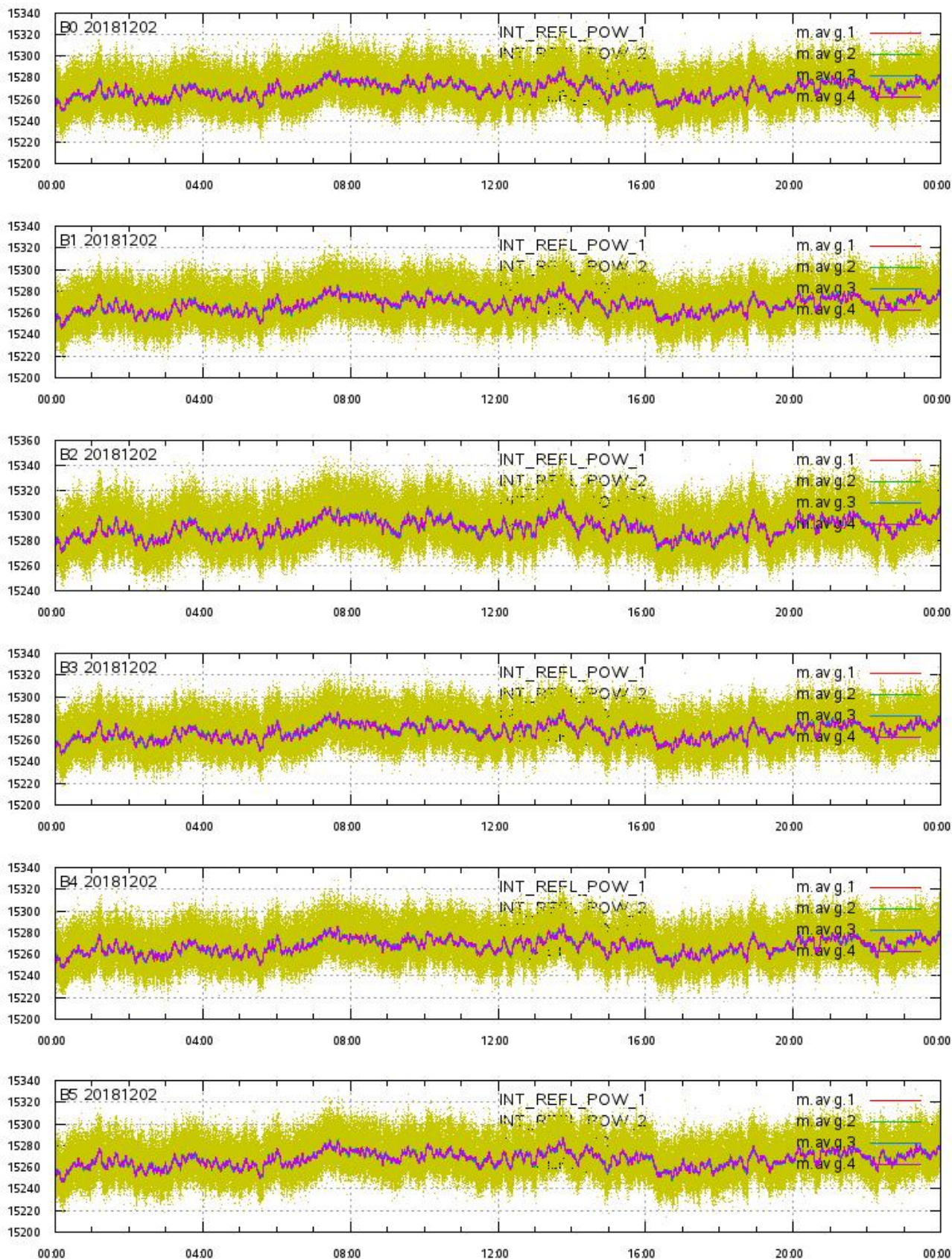
L1A Product

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



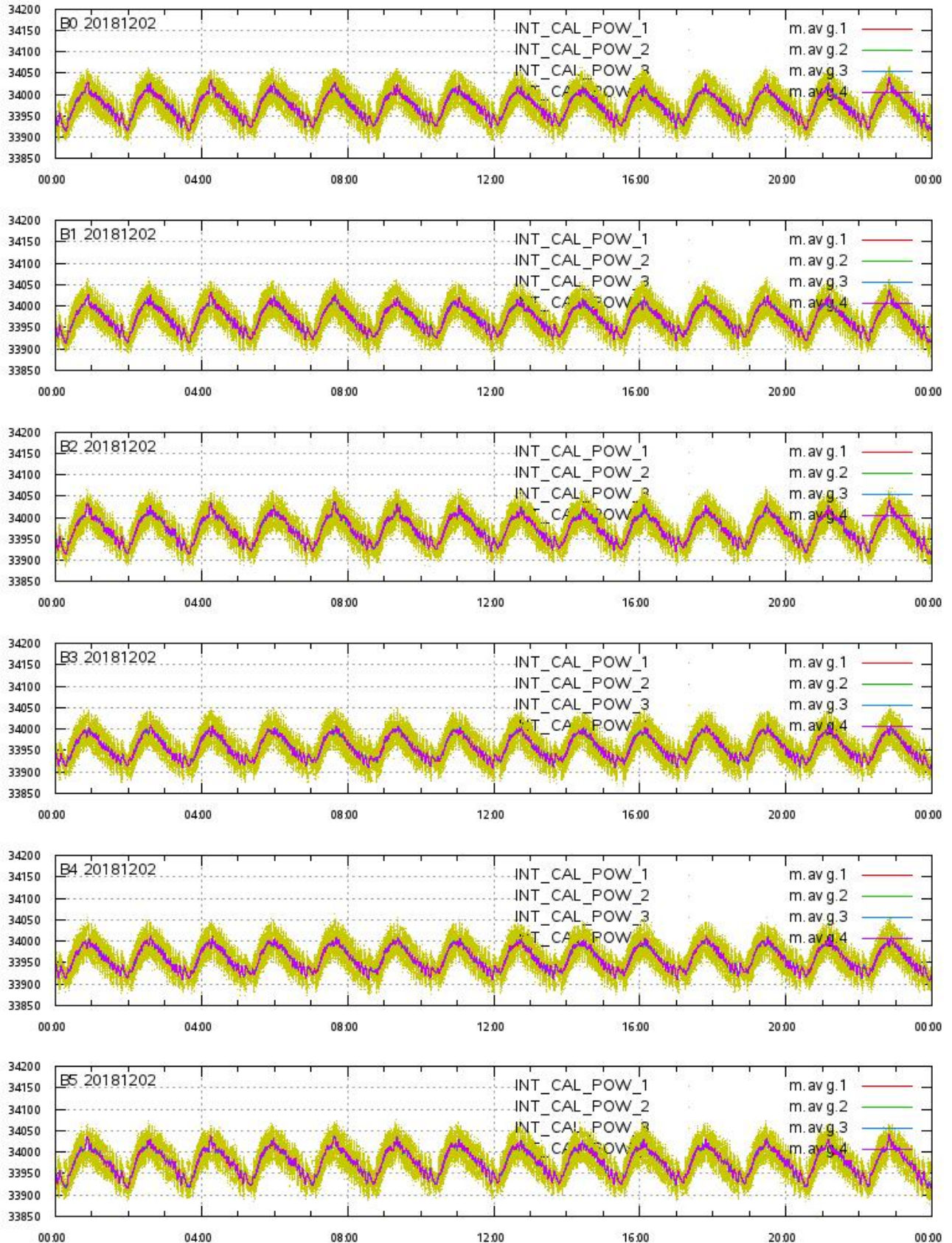
L1A Product

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



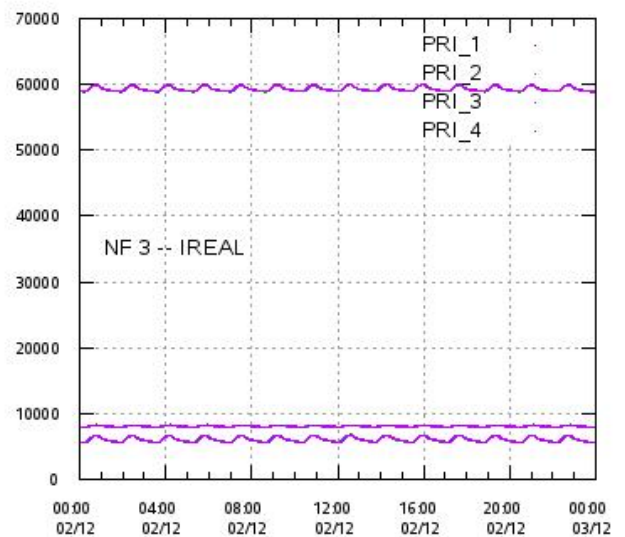
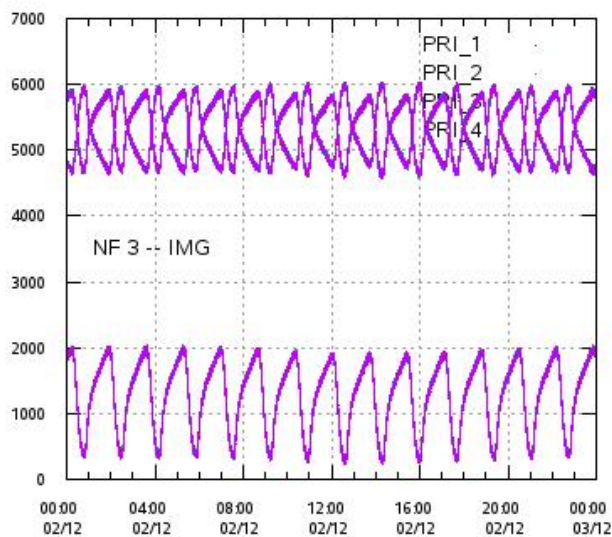
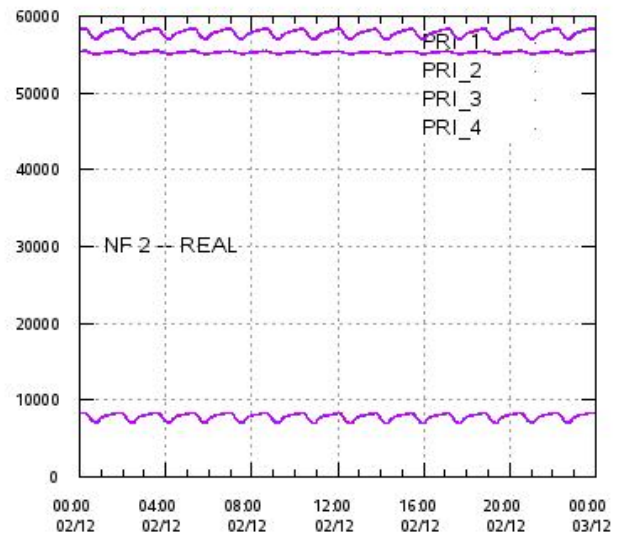
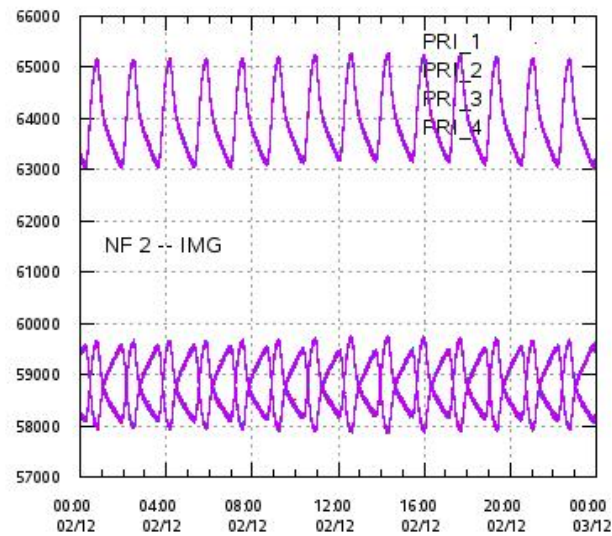
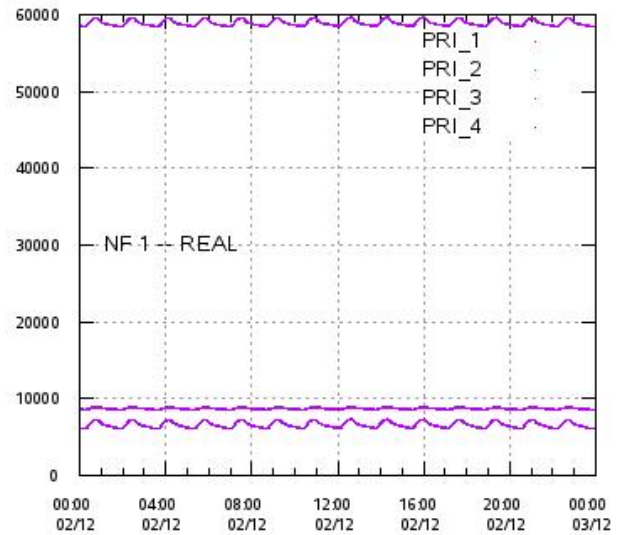
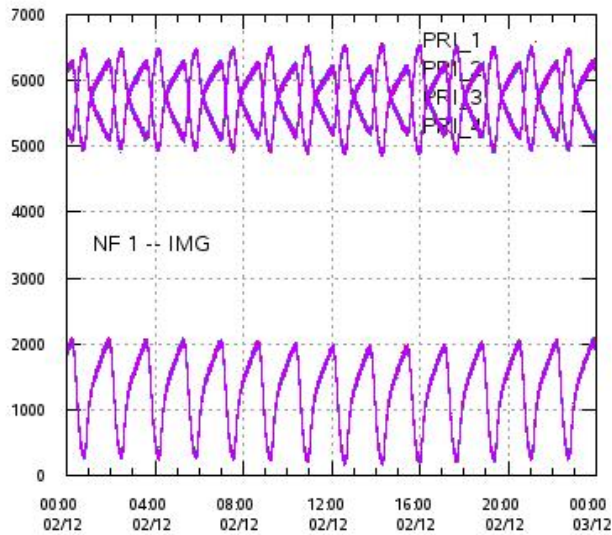
L1A Product

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



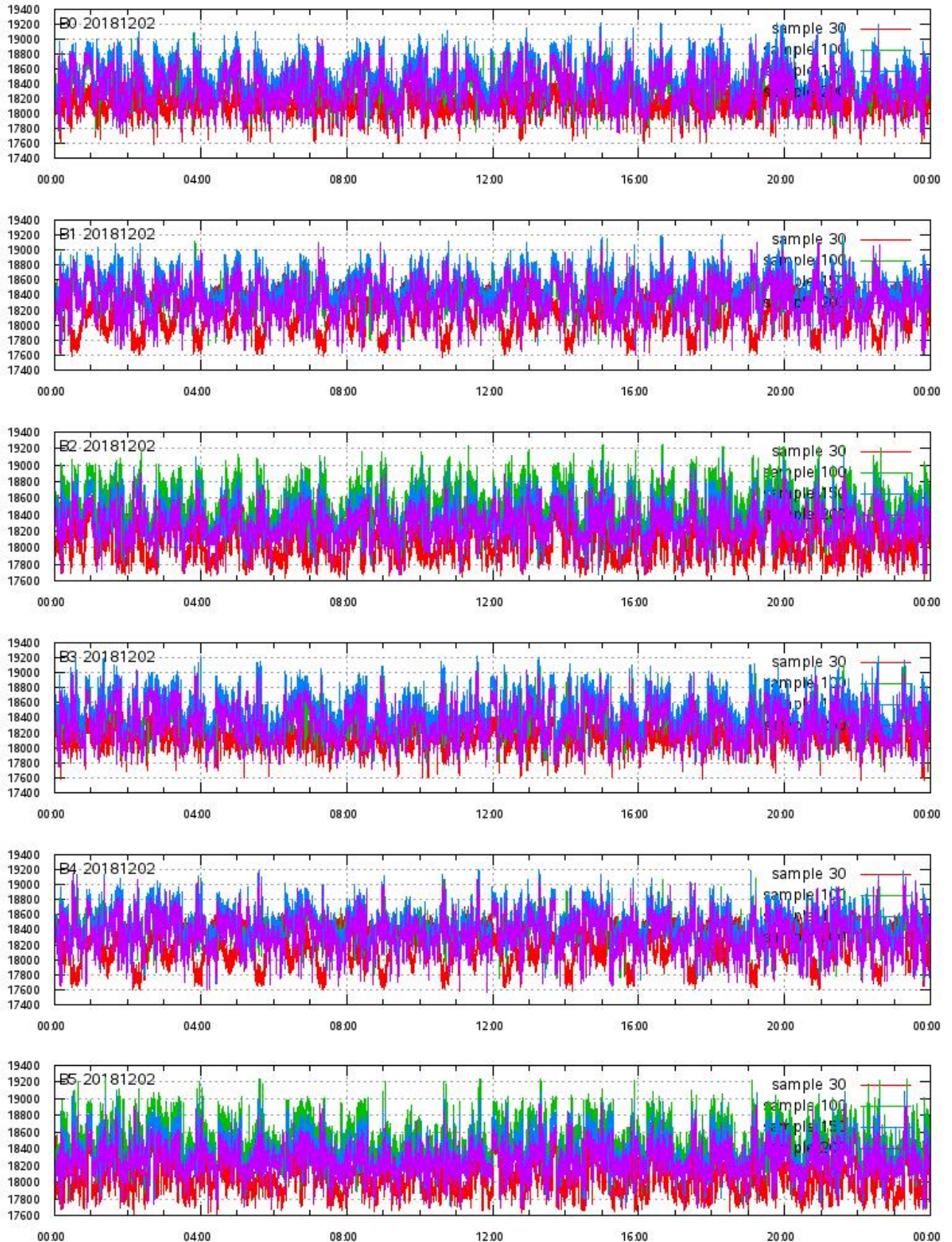
L1A Product

Calibration Powers vs. UTC_LOCALISATION



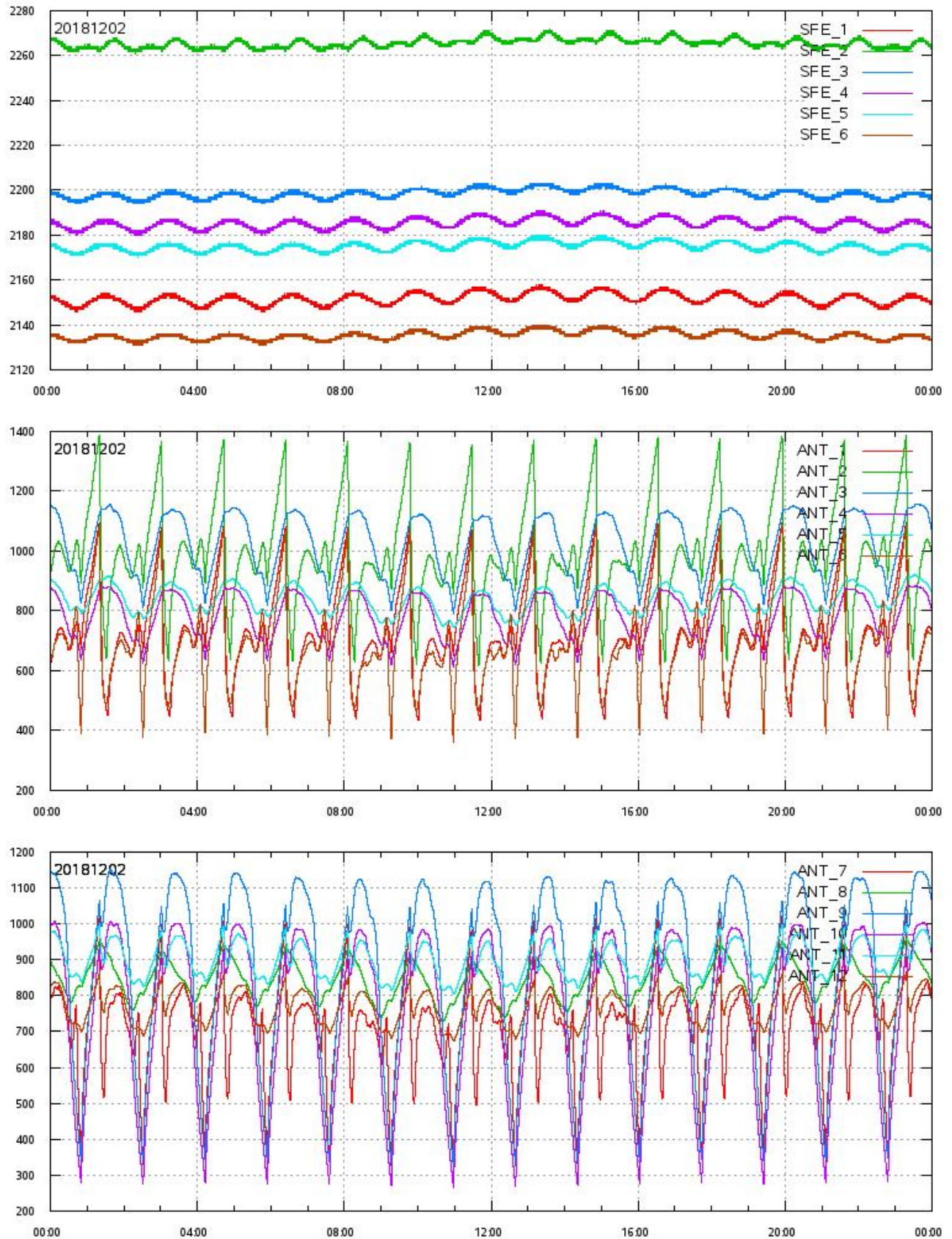
L1A Product

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



L1A Product

SFE & ANT Temperatures (raw) vs. UTC_LOCALISATION

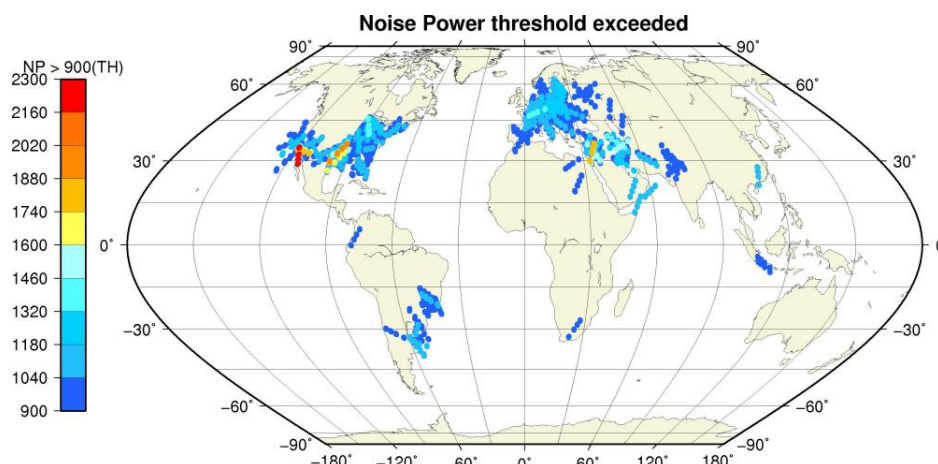
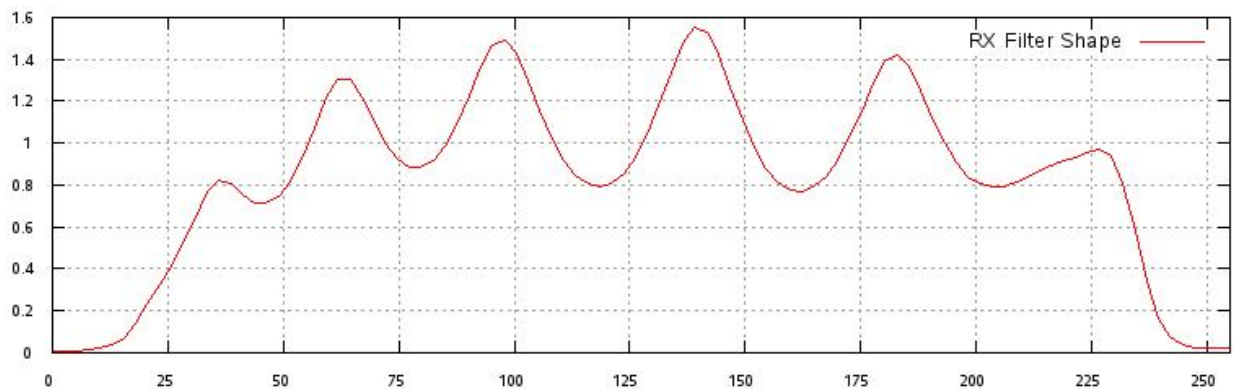
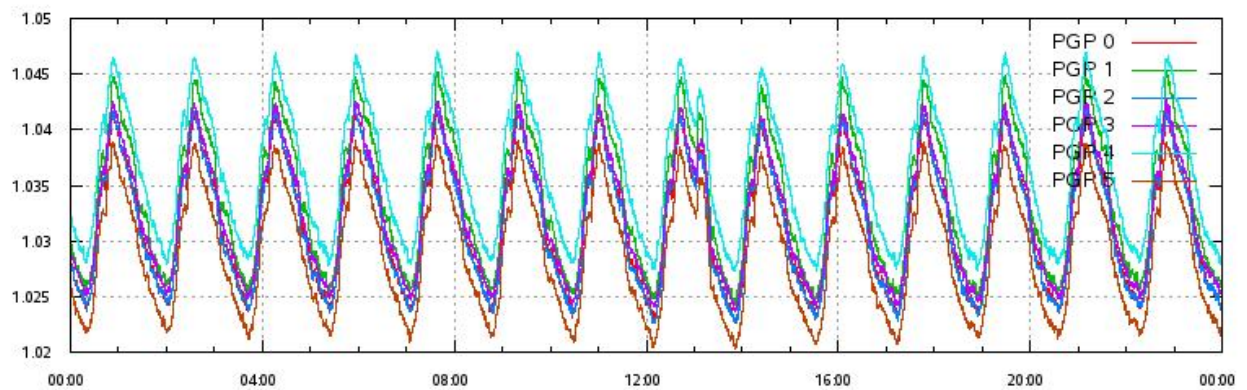
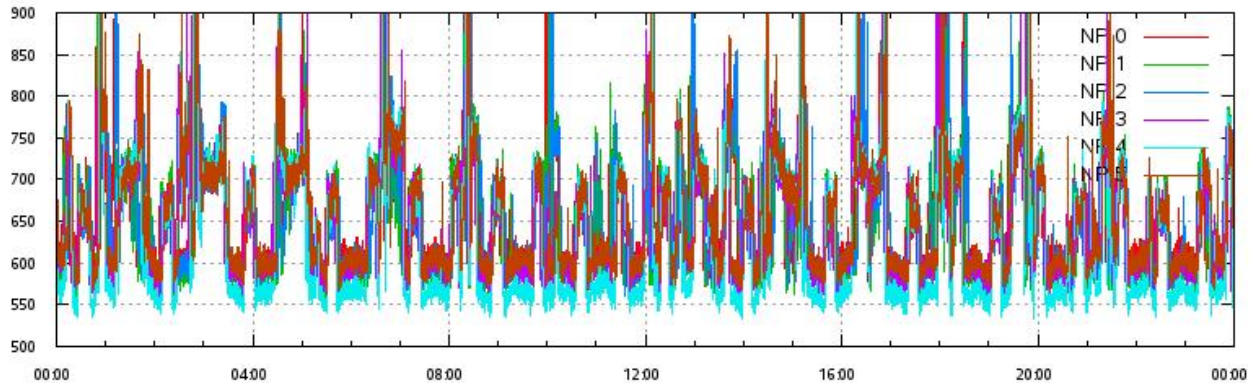


L1A Product

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

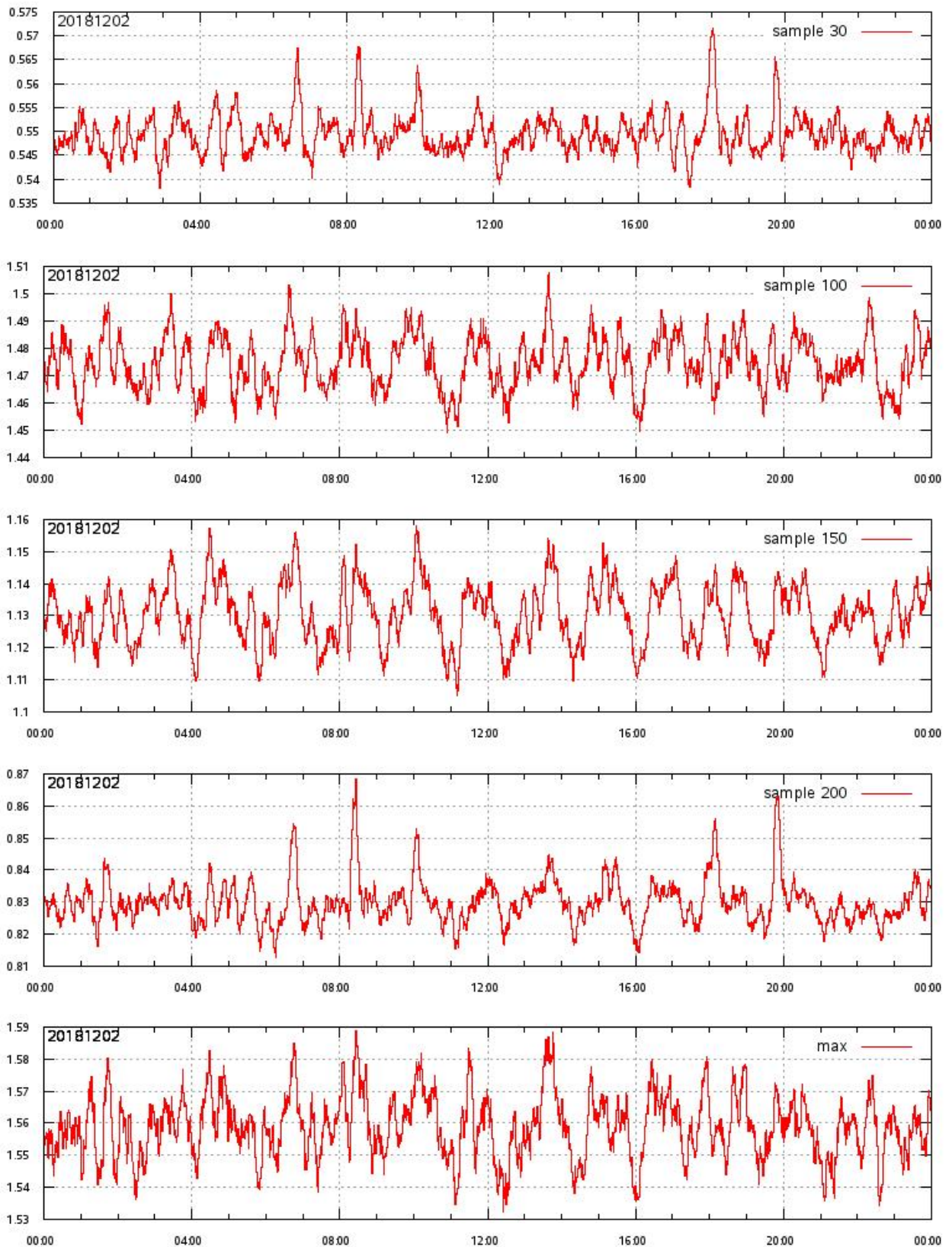
RX Filter Shape average over sample number

Noise Power threshold exceeded (TH=900) on map



L1A Product

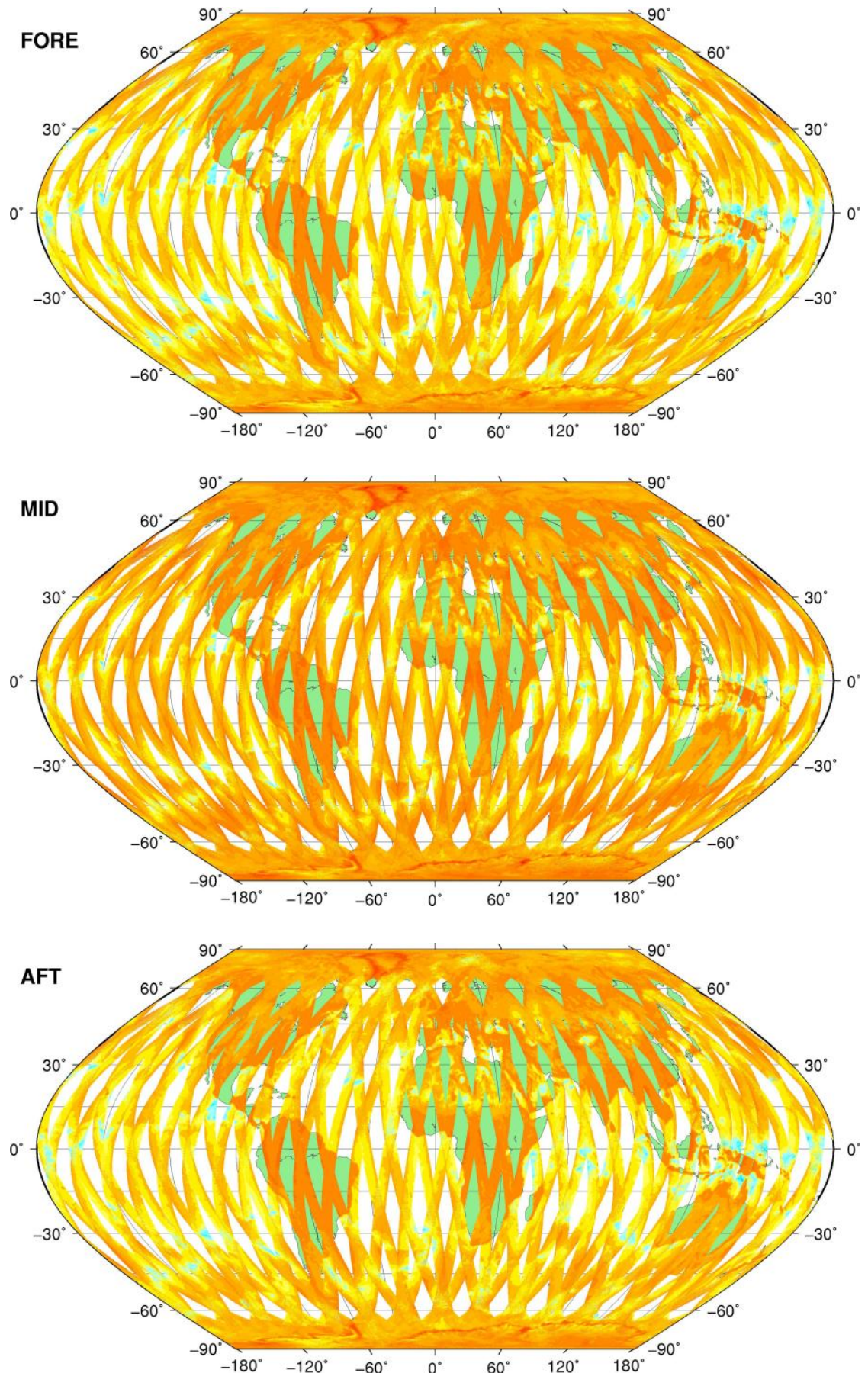
RX filter shape in detail for sample 30,100,150, 200 & max vs. UTC_LOCALISATION



SZO Product

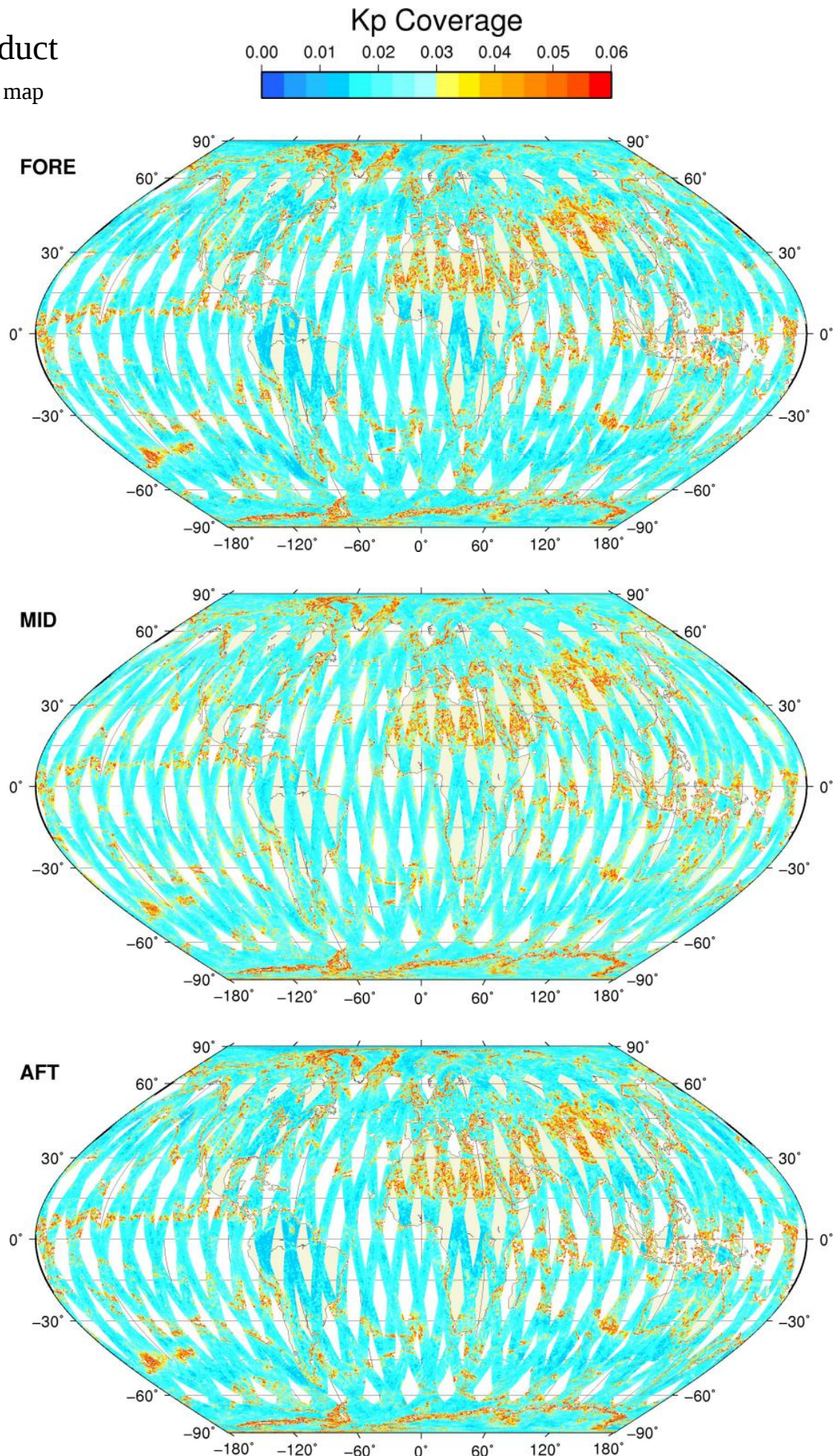
Sigma0_TRIP Coverage map

SIGMA0_TRIP Coverage



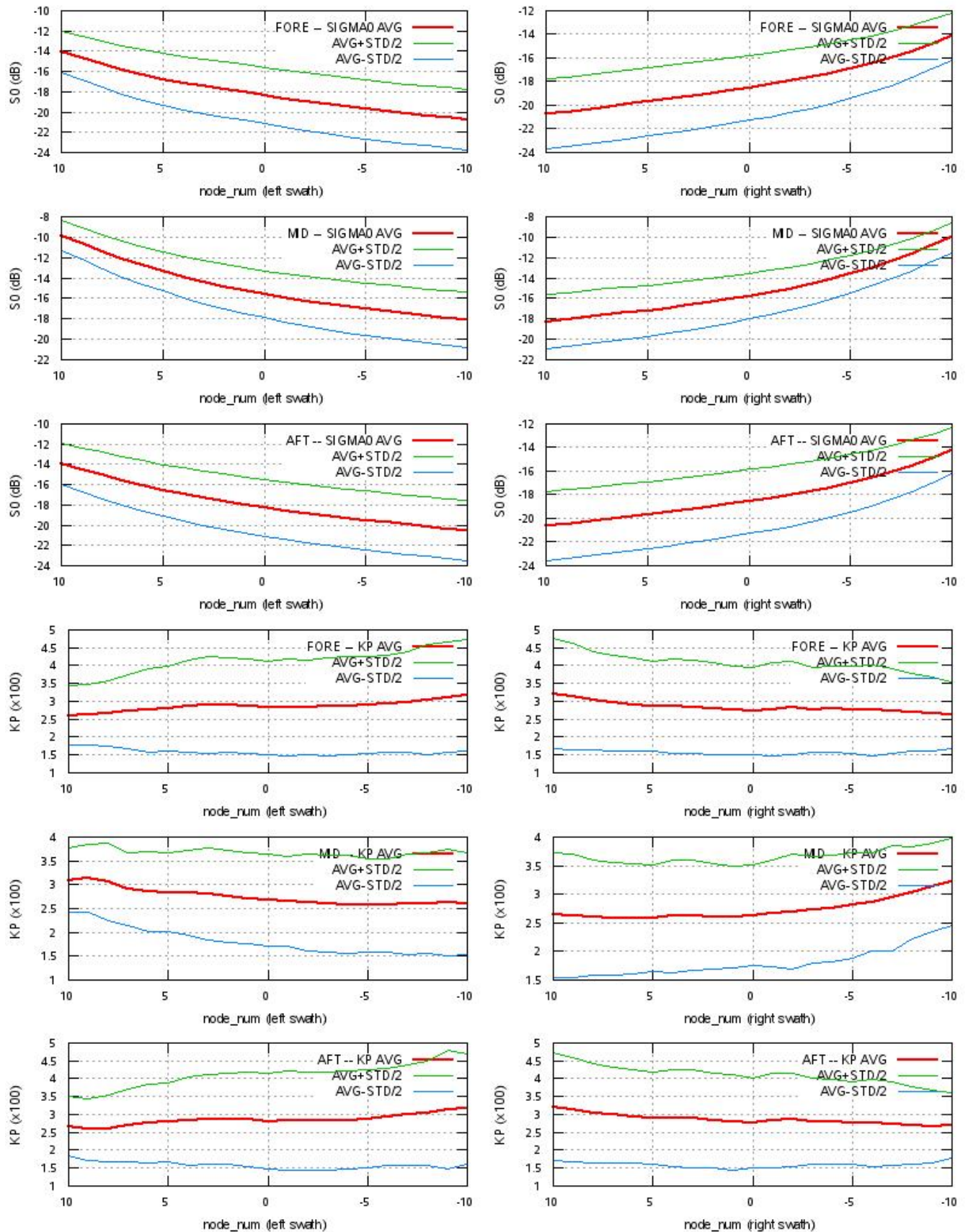
SZO Product

Kp Coverage map



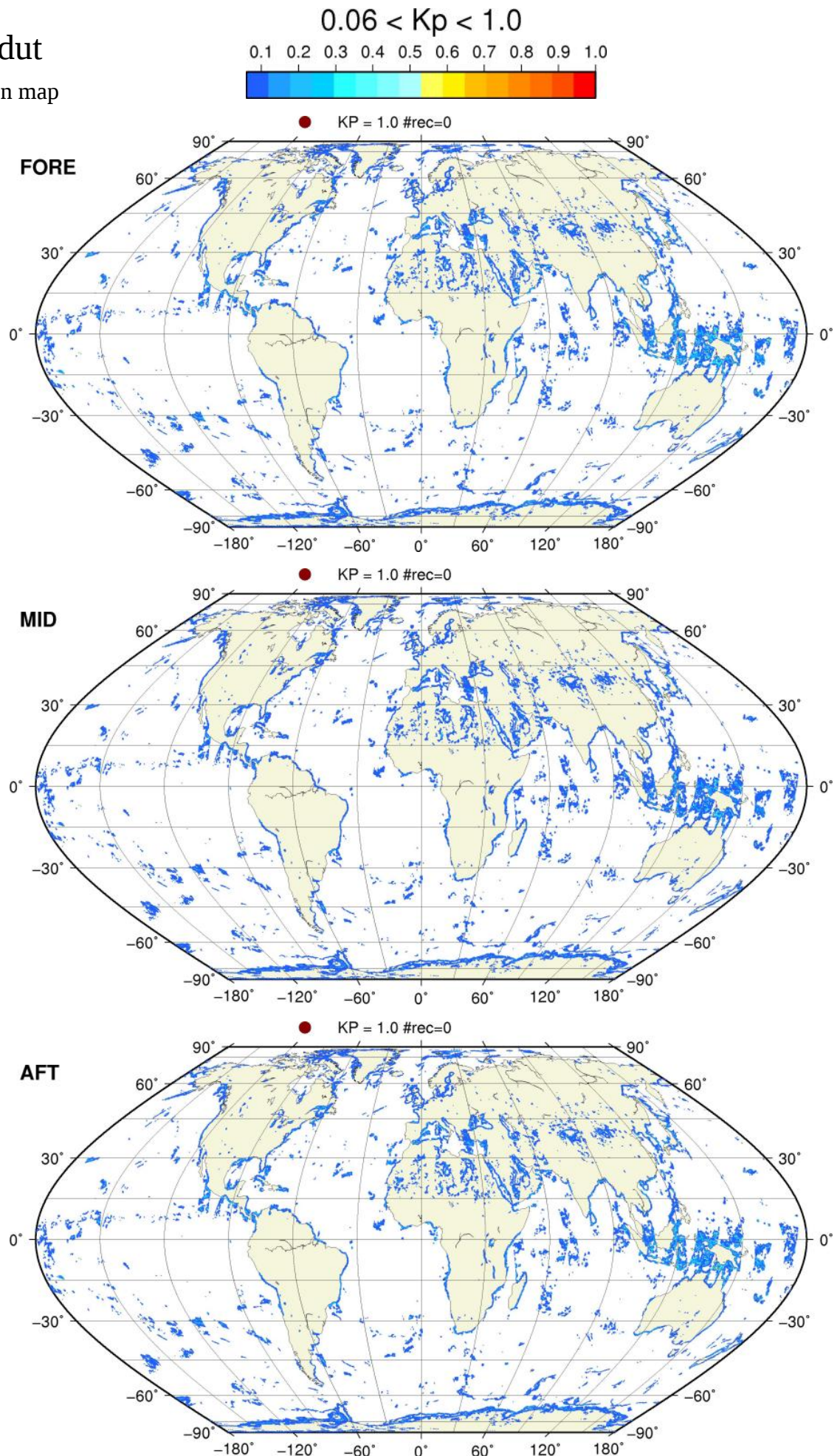
SZO Product

S0 - Kp Statistics



SZO Product

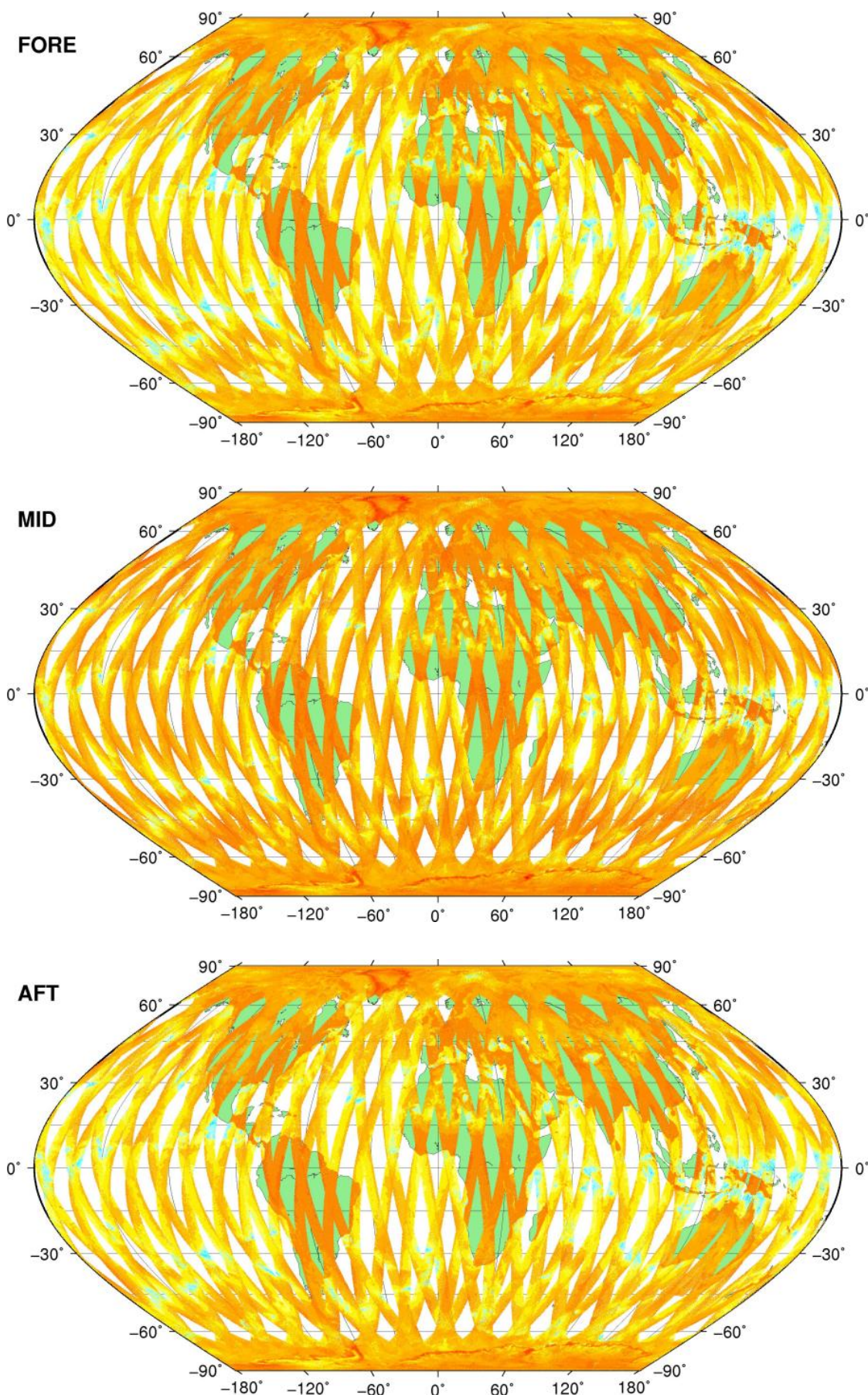
Kp Outliers on map



SZR Product

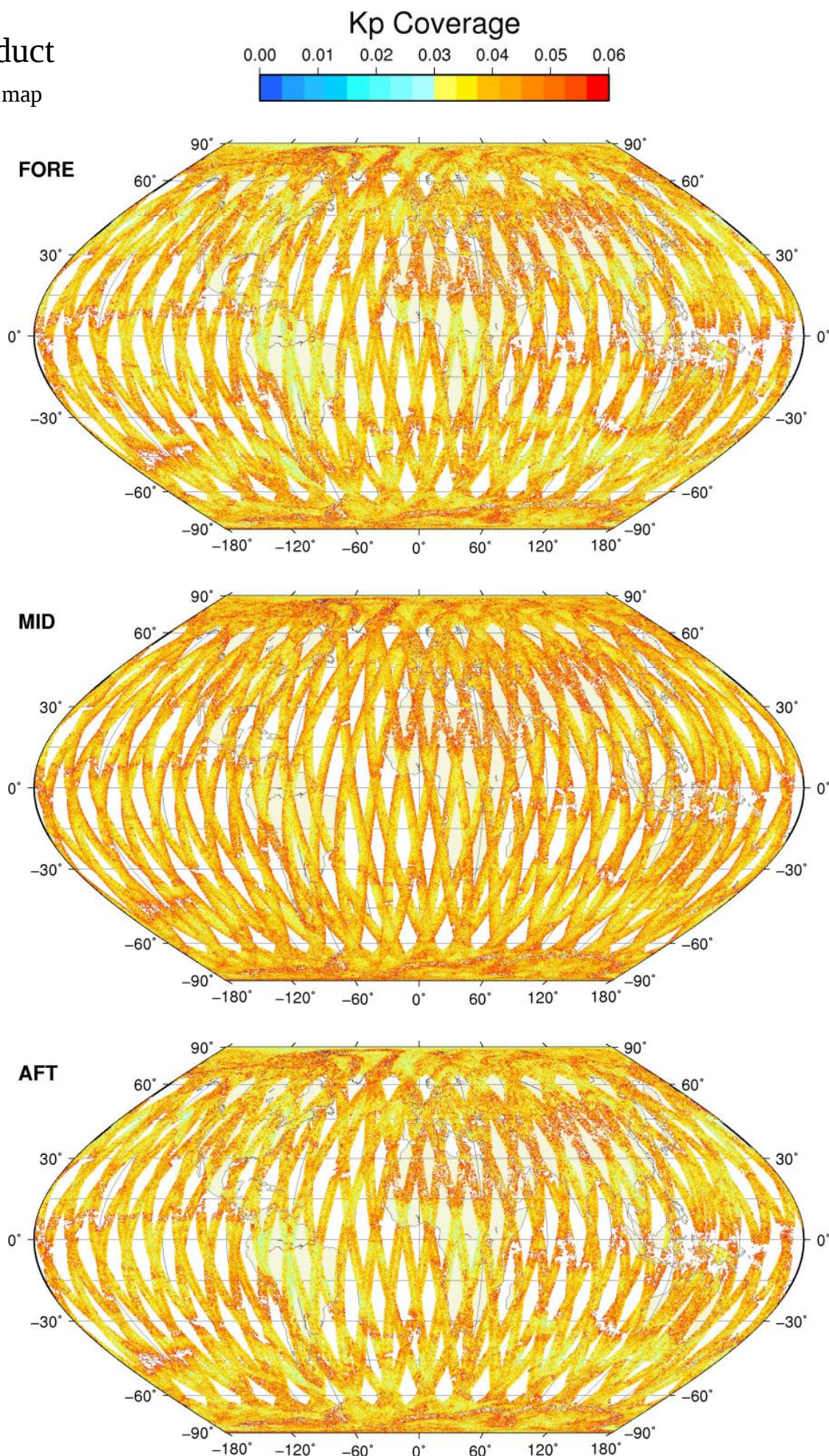
Sigma0_TRIP Coverage map

SIGMA0_TRIP Coverage



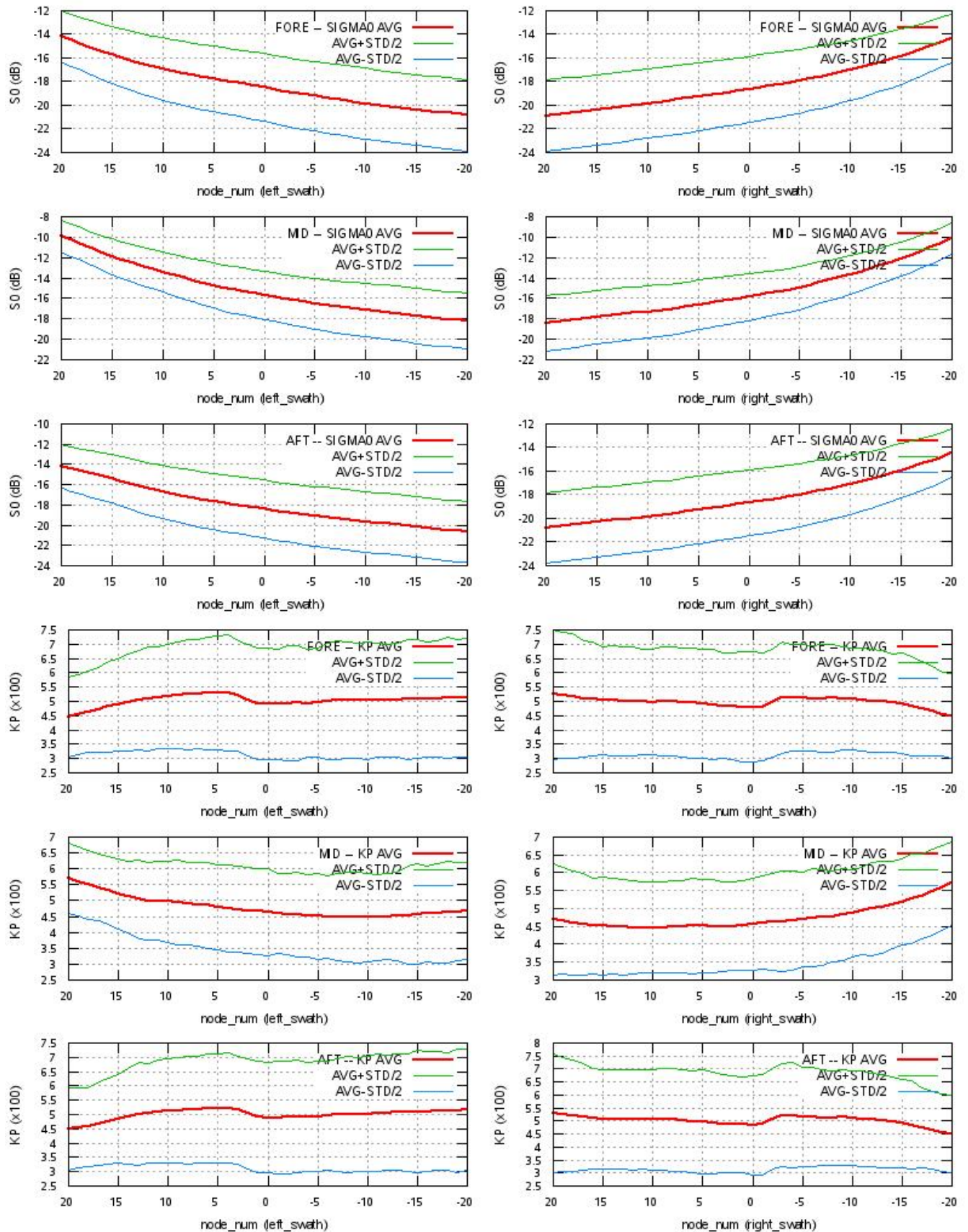
SZR Product

Kp Coverage map



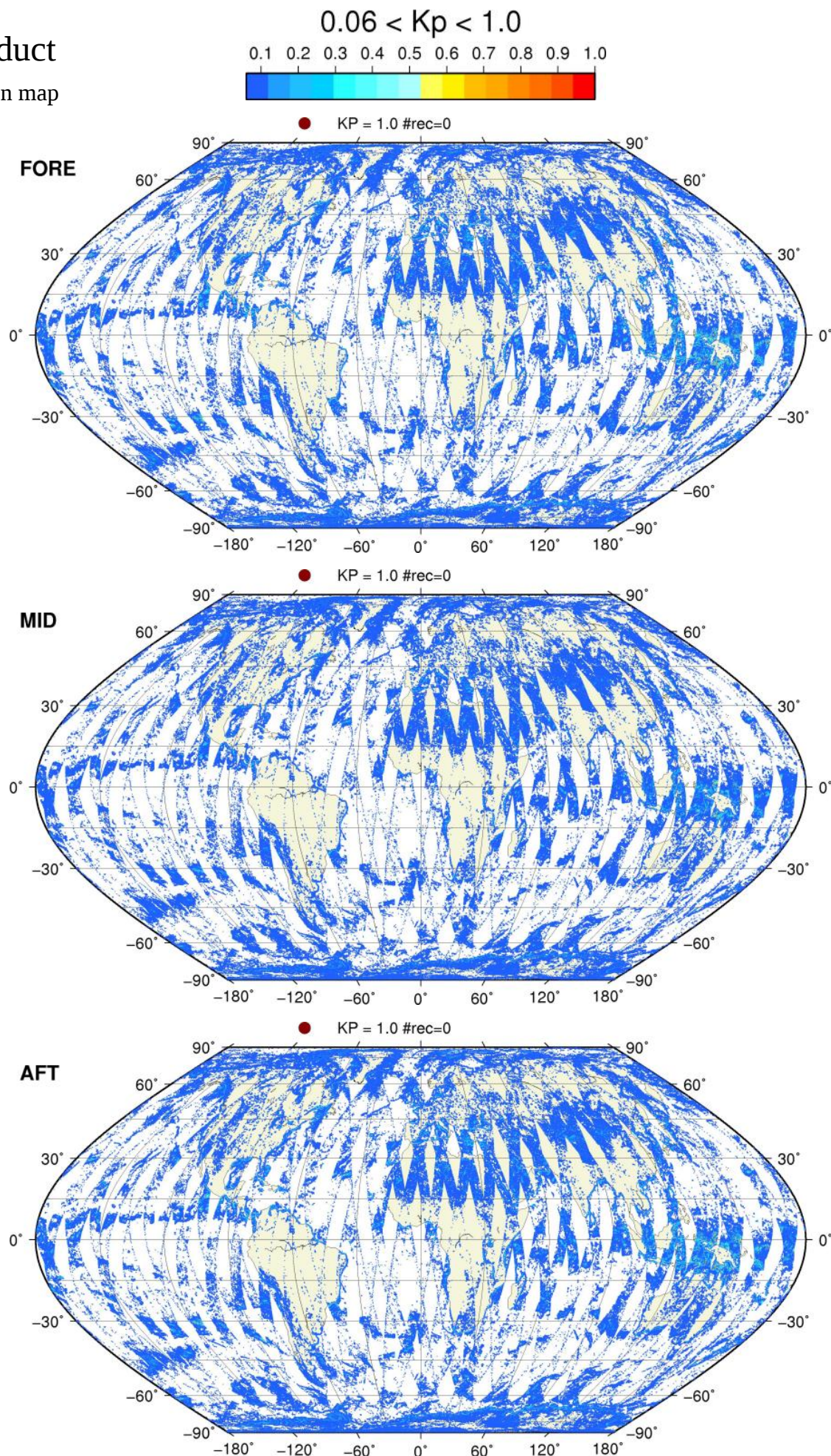
SZR Product

S0 - Kp Statistics



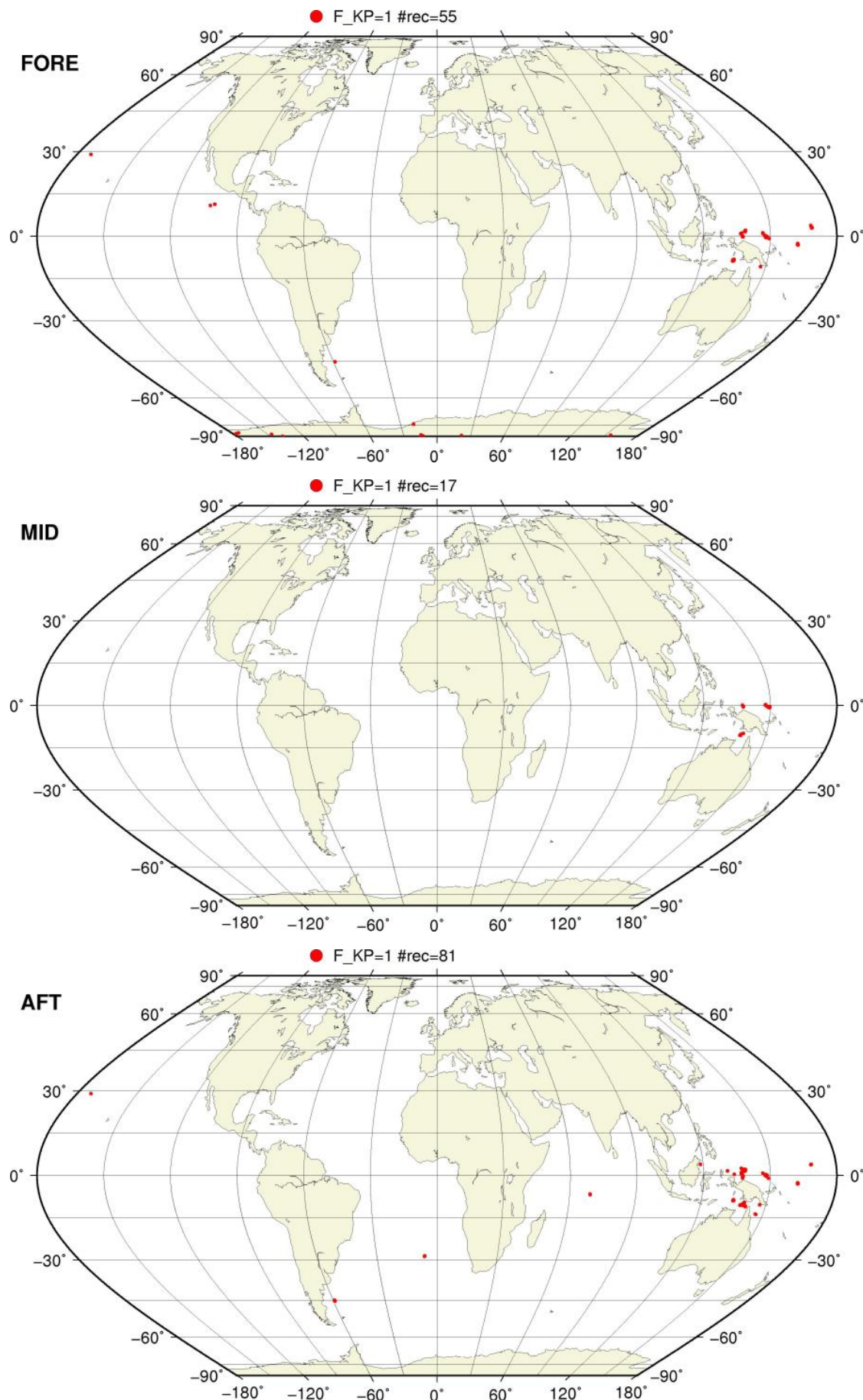
SZR Product

Kp Outliers on map



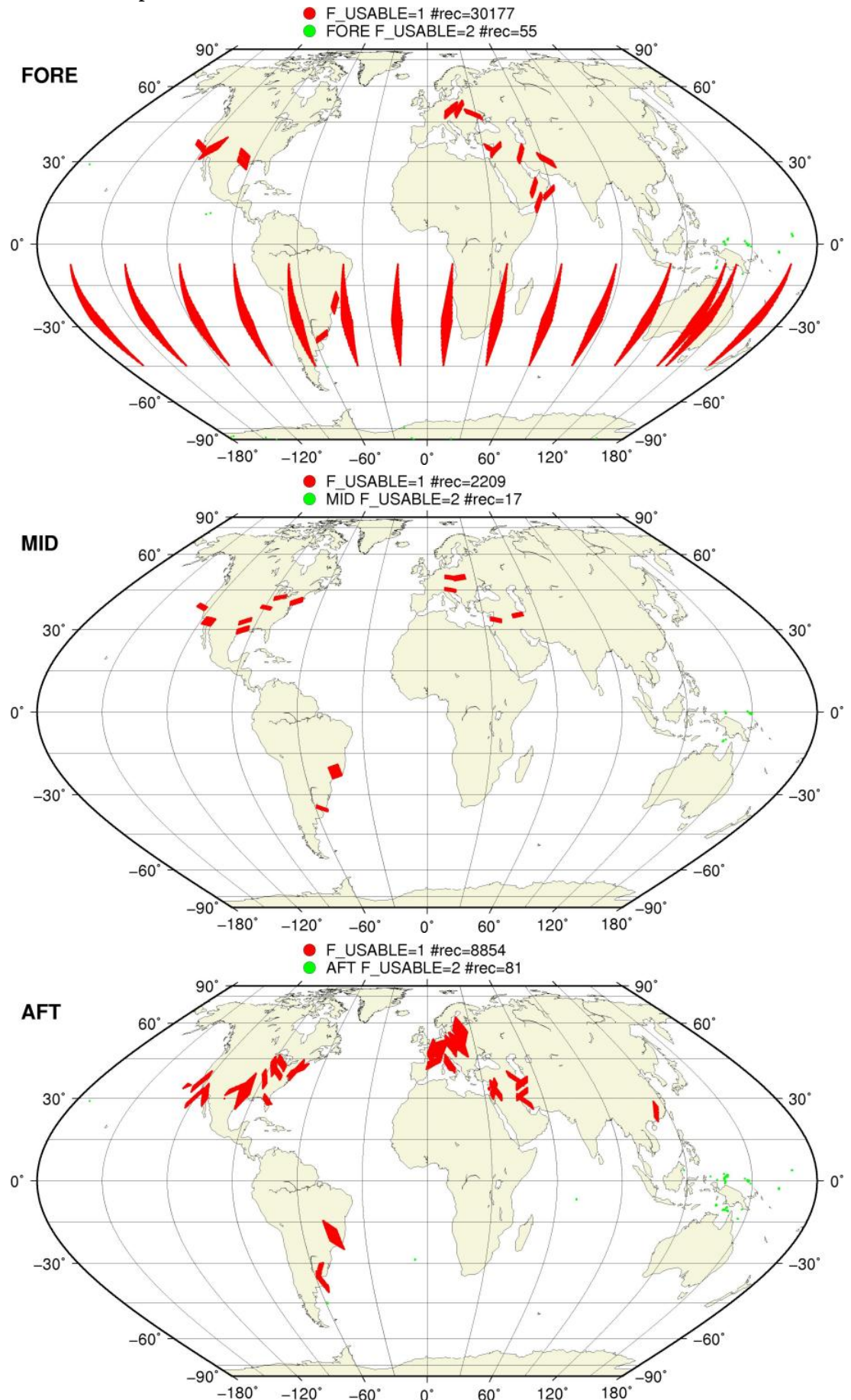
SZO Flagged Data Coverage

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

$0 < F_F \leq 1$

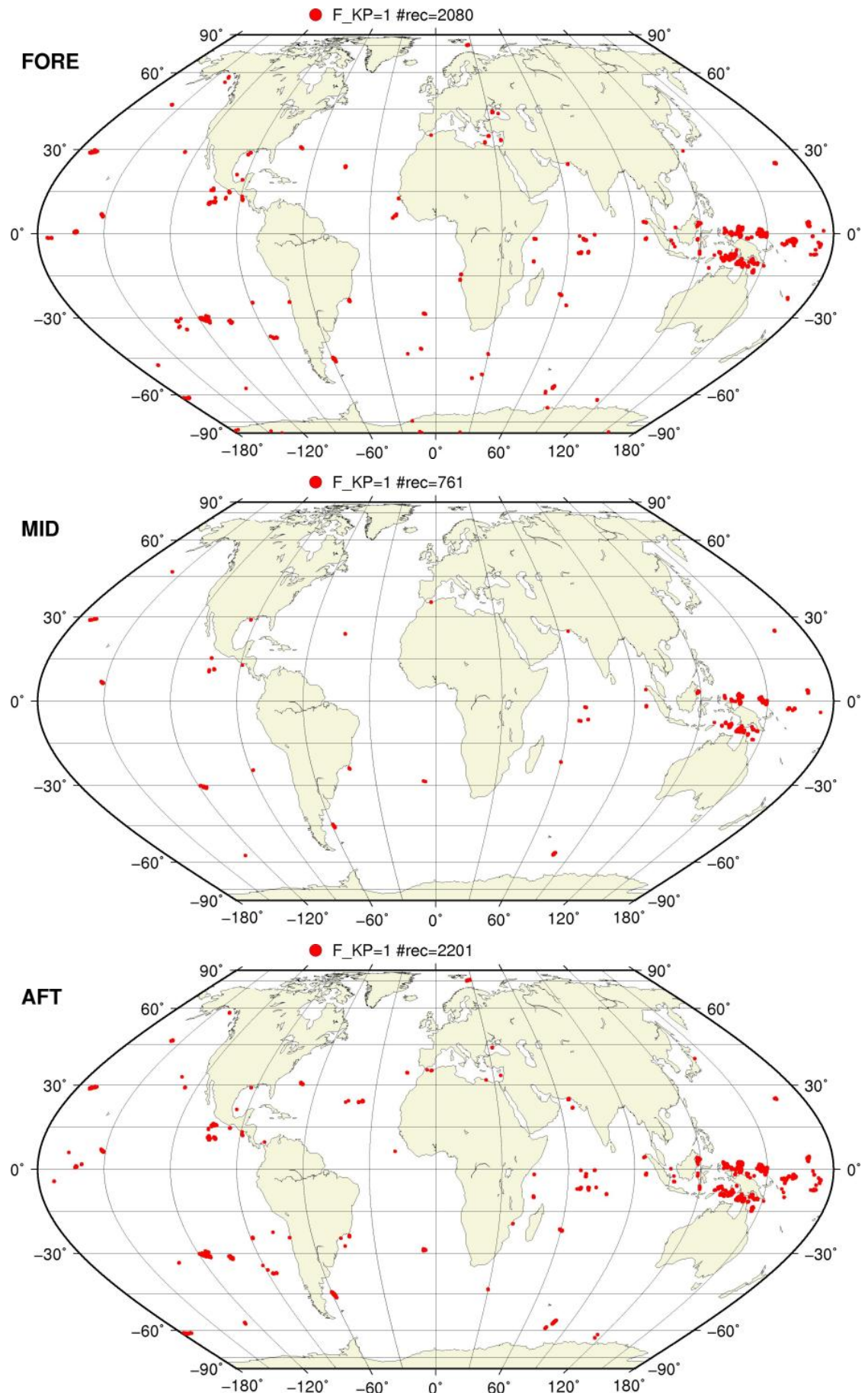


$0 < F_V \leq 1$



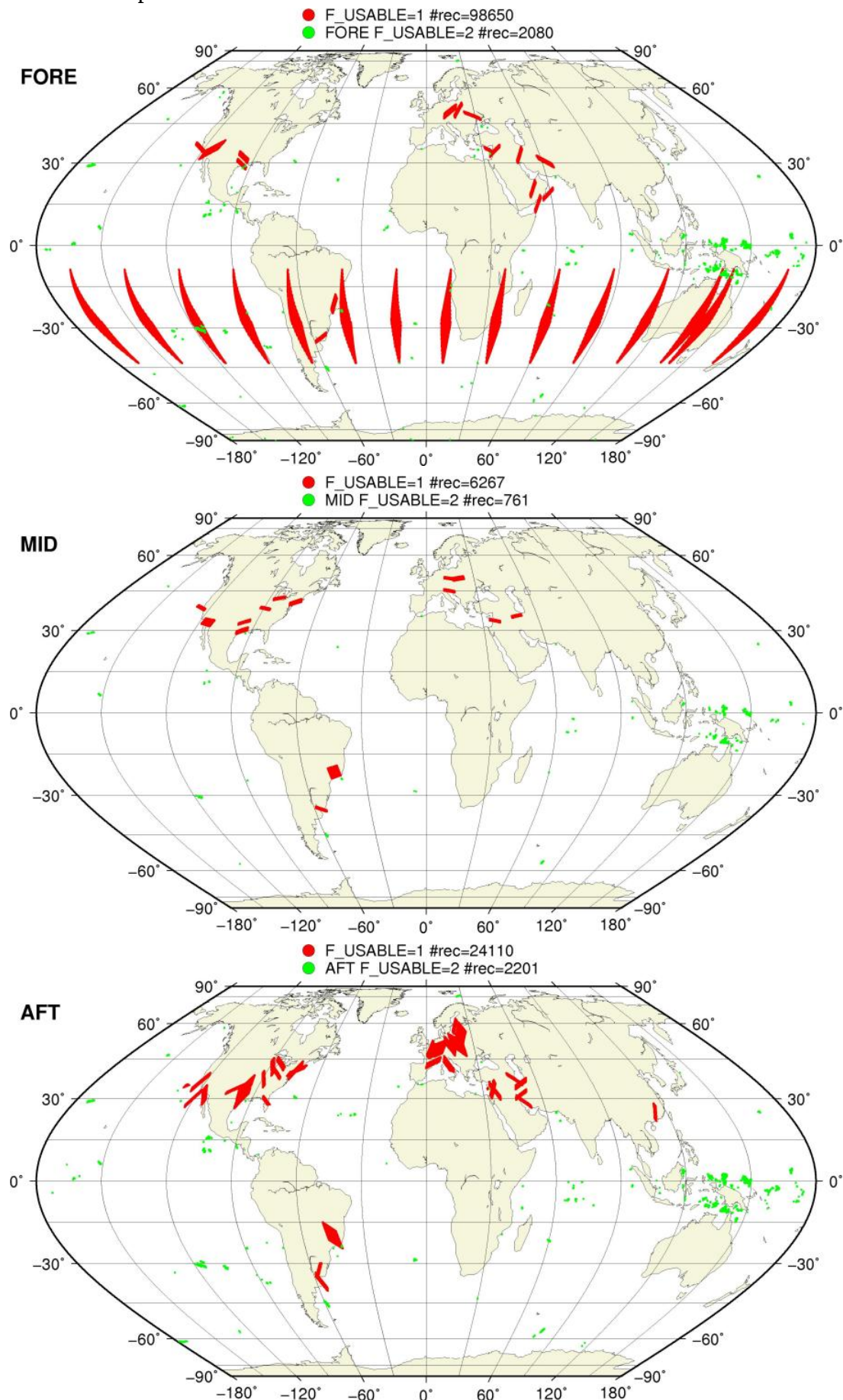
SZR Flagged Data Coverage

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

$0 < F_F \leq 1$



$0 < F_V \leq 1$

