

ASCAT DAILY Report

Metop-B

OPE

DAY 2018_336

20181202000000 - 20181202235959

DATA STATISTICS

BASED ON ORBITS (#14)

32197 32198 32199 32200 32201 32202 32203 32204 32205 32206 32207 32208 32209
32210 32211

. a.. ~+ASCA_IRP_M01_2 •ASCA_IRP_M01_2-vASCA_IRP_M01_2 ASCA_IRP_M01_2.'ASCA_IRP_M01_2
ASCA_IRP_M01_2Ü#ASCA_IRP_M01_2Ý...ASCA_IRP_M01_2 ASCA_IRP_M01_2Ý+ASCA_IRP_M01_2 "ASCA_IRP_M01_2 bASCA_IRP_M01_2
ÒASCA_IRP_M01_234ASCA_IRP_M01_2•eASCA_IRP_M01_2*3ASCA_IRP_M01_2j¹ASCA_IRP_M01_20ëASCA_IRP_M01_2 |ASCA_IRP_M01_2
ASCA_IRP_M01_2÷
log_REPORT_DAIÒòASCA_IRP_M01_2•IASCA_IRP_M01_2Ü-ASCA_IRP_M01_2HßASCA_IRP_M01_2•HASCA_IRP_M01_2ÉäASCA_IRP_M01_2
ASCA_IRP_M01_2ÜþASCA_IRP_M01_2FêASCA_IRP_M01_21YASCA_IRP_M01_23oASCA_IRP_M01_2#jASCA_IRP_M01_2 ASCA_IRP_M01_2
uASCA_IRP_M01_2 ØASCA_IRP_M01_23•ASCA_IRP_M01_2V@ASCA_IRP_M01_2 lASCA_IRP_M01_2" ASCA_IRP_M01_2••ASCA_IRP_M01_2
ASCA_IRP_M01_2šýlog_INGEST_RX_36ASCA_IRP_M01_2 |ASCA_IRP_M01_2 ÑASCA_IRP_M01_2•4ASCA_IRP_M01_2‡¶ASCA_IRP_M01_2

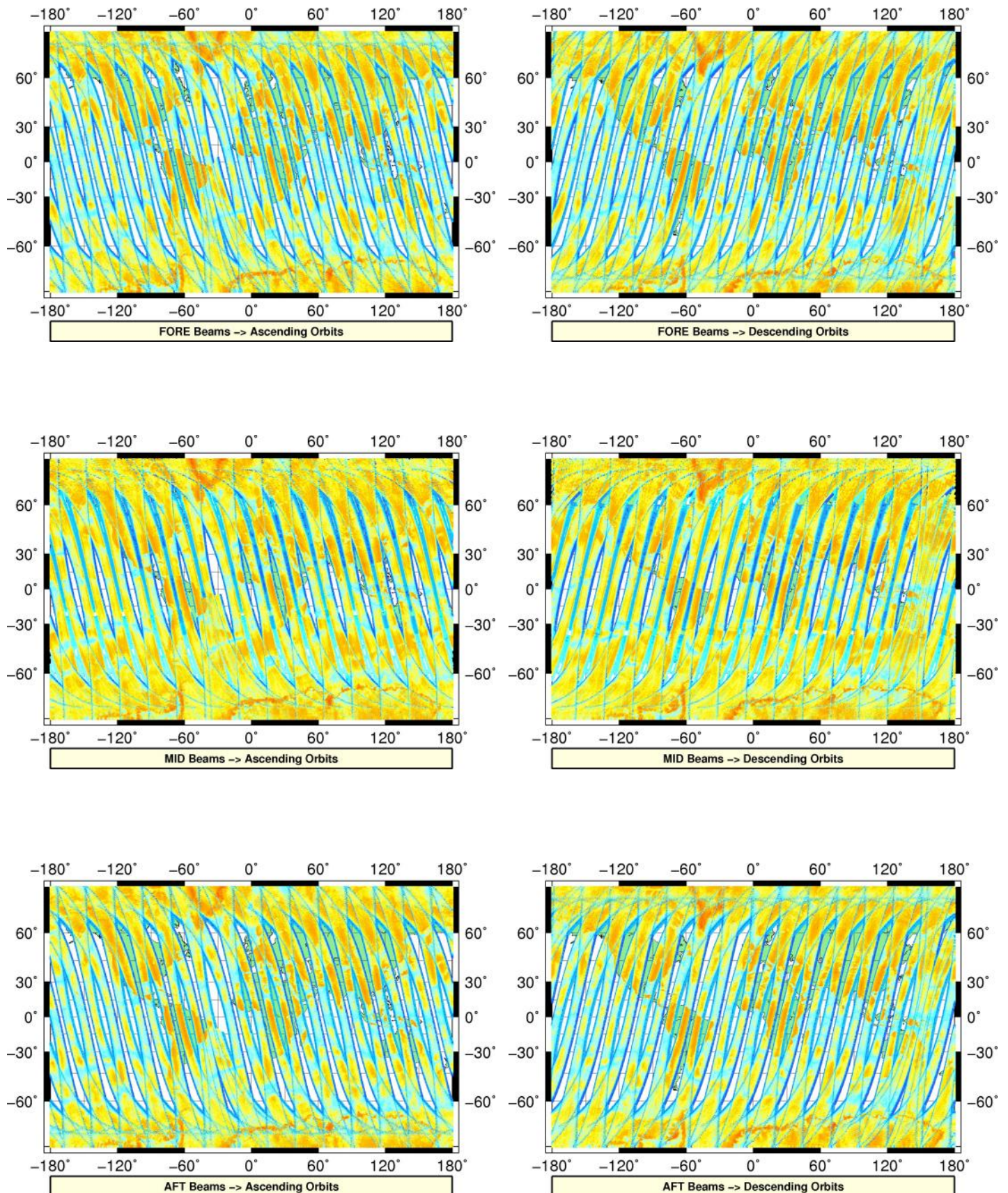
Overview

Configuration and SPHR content

Parameter	Value
SENSING START-STOP	20181202000000 - 20181202235959
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	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	16122
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	1054592
N_F_LAND	49159168
N_F_GEO	3328684
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

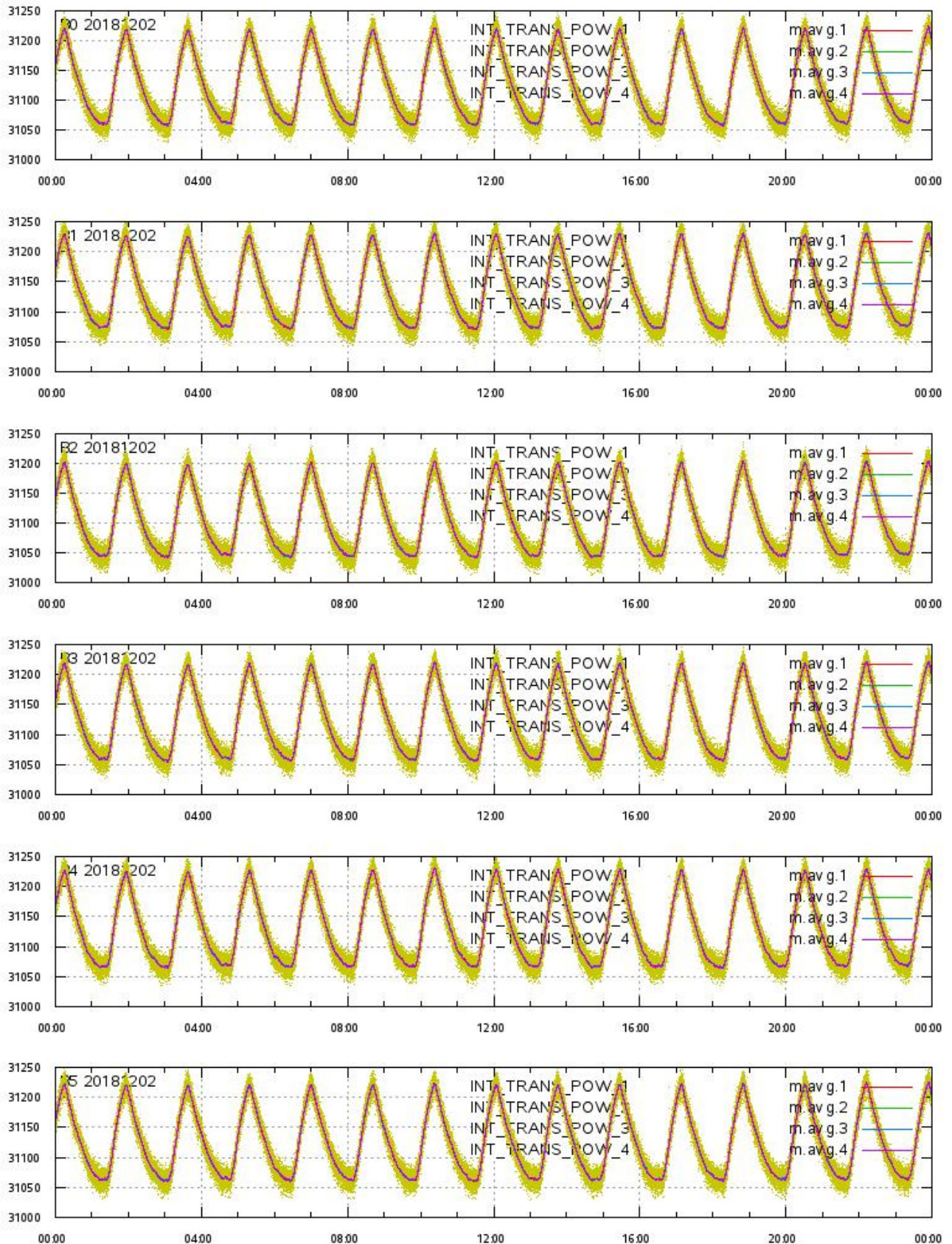
L1A Product

Echo Data Coverage maps



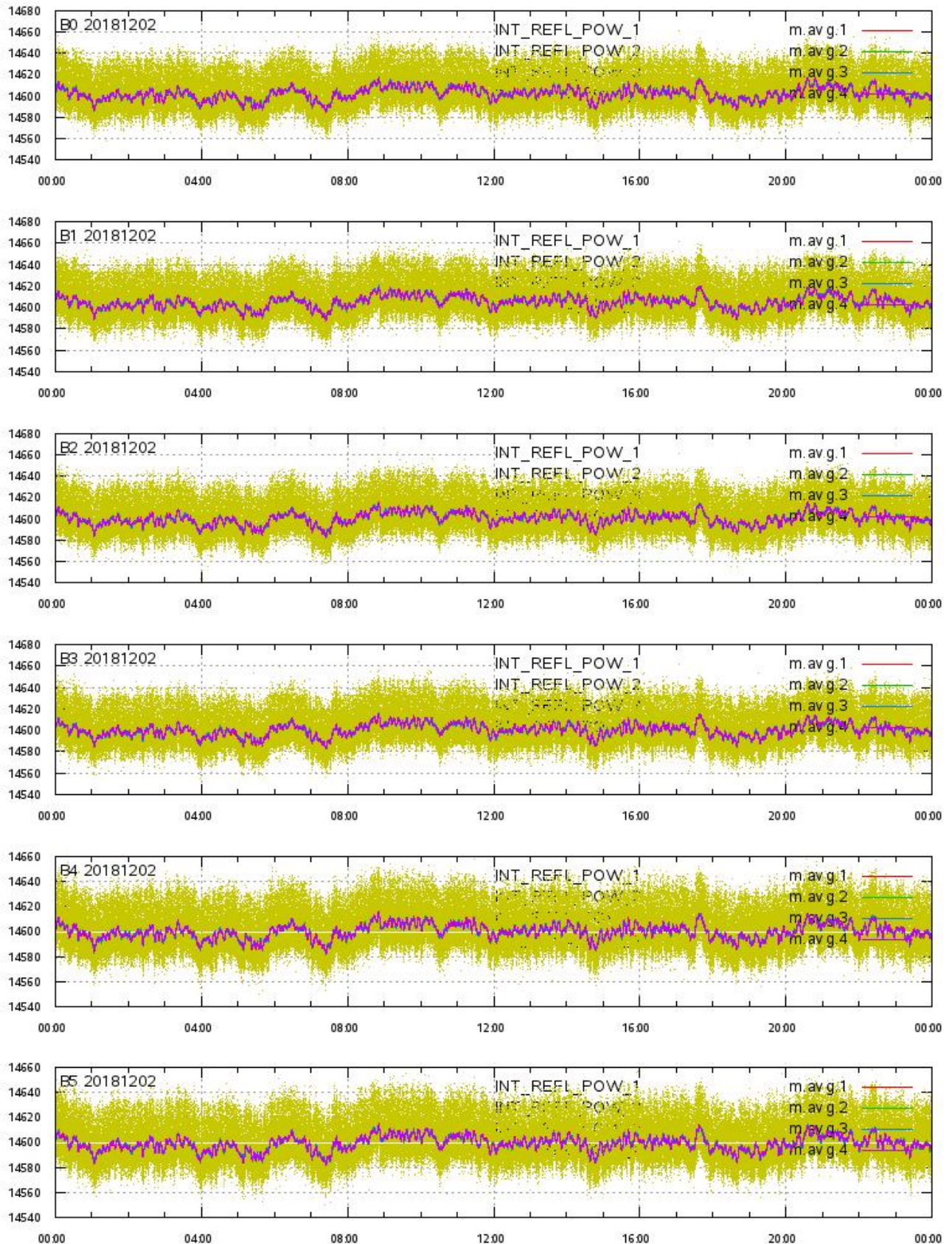
L1A Product

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



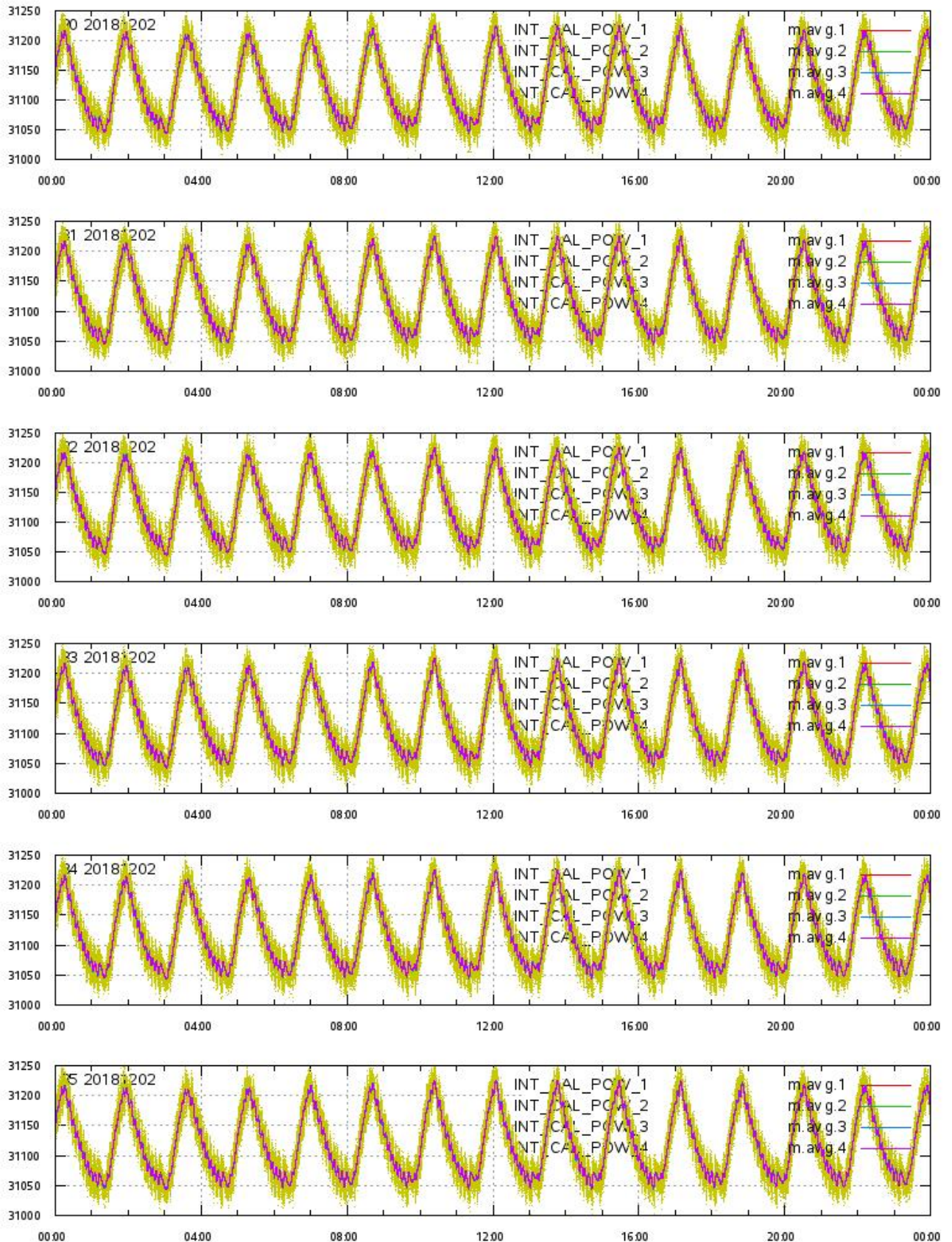
L1A Product

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



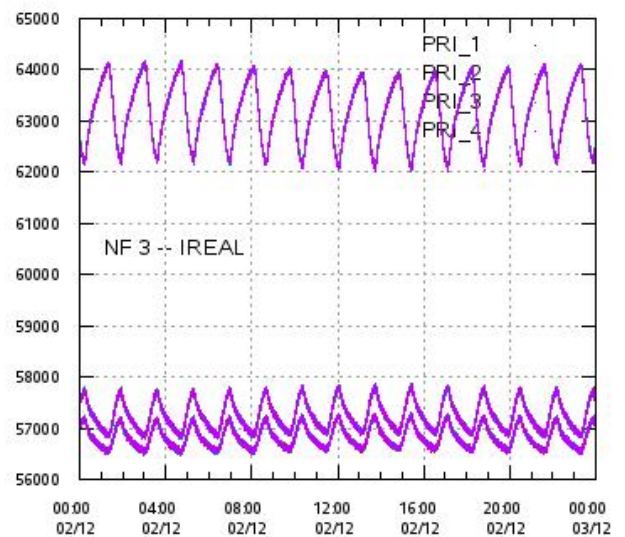
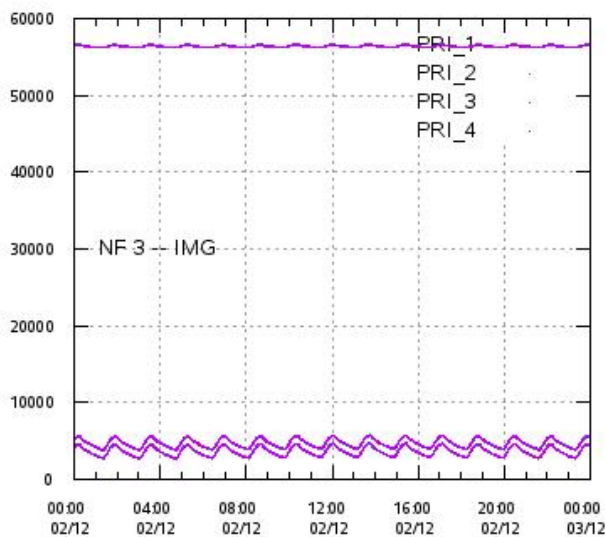
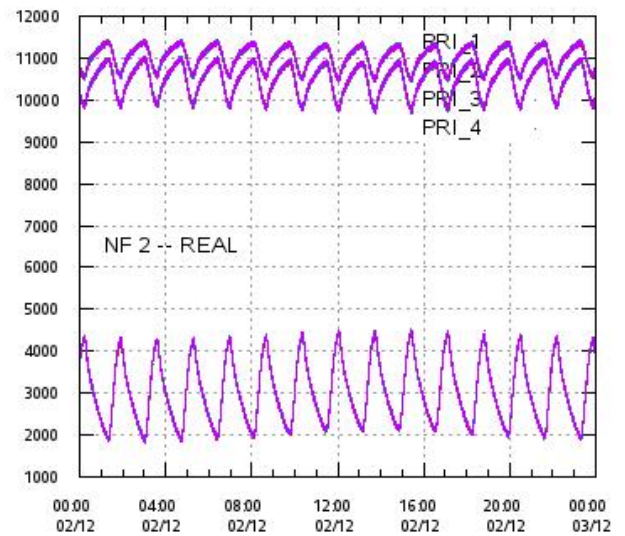
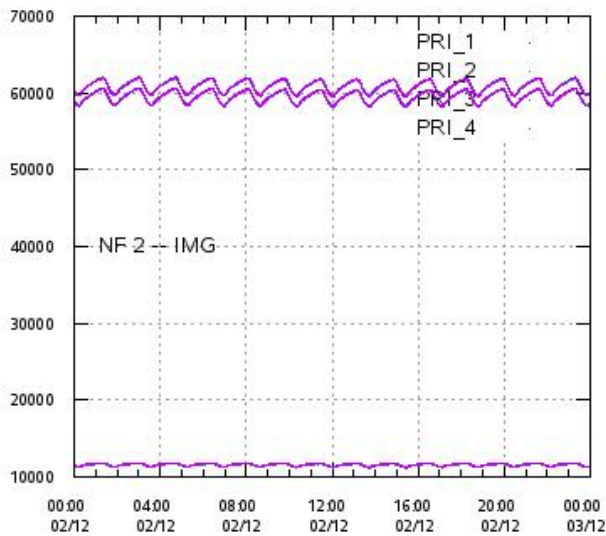
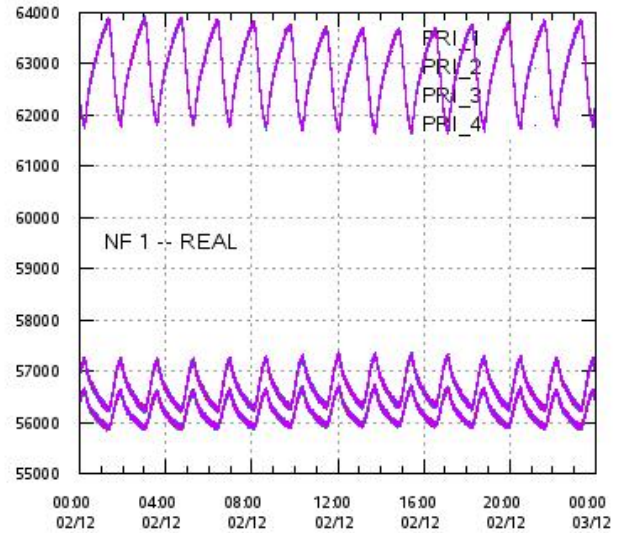
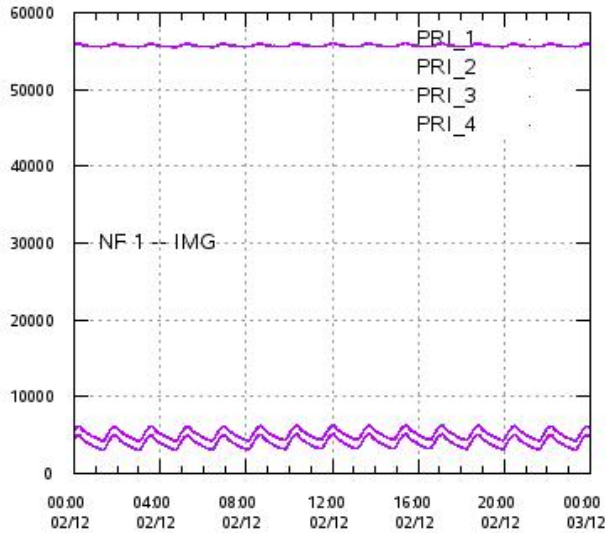
L1A Product

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



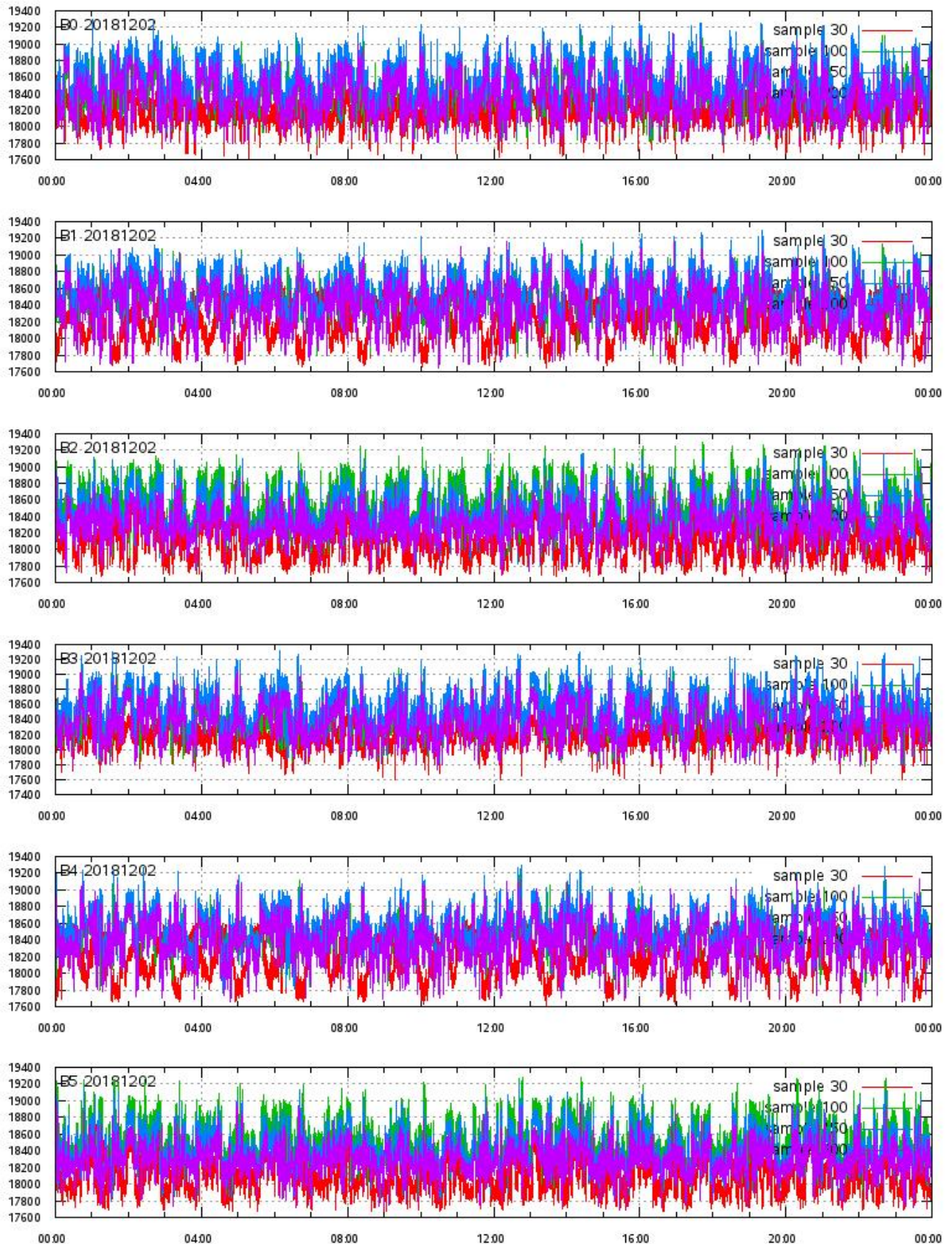
L1A Product

Calibration Powers vs. UTC_LOCALISATION



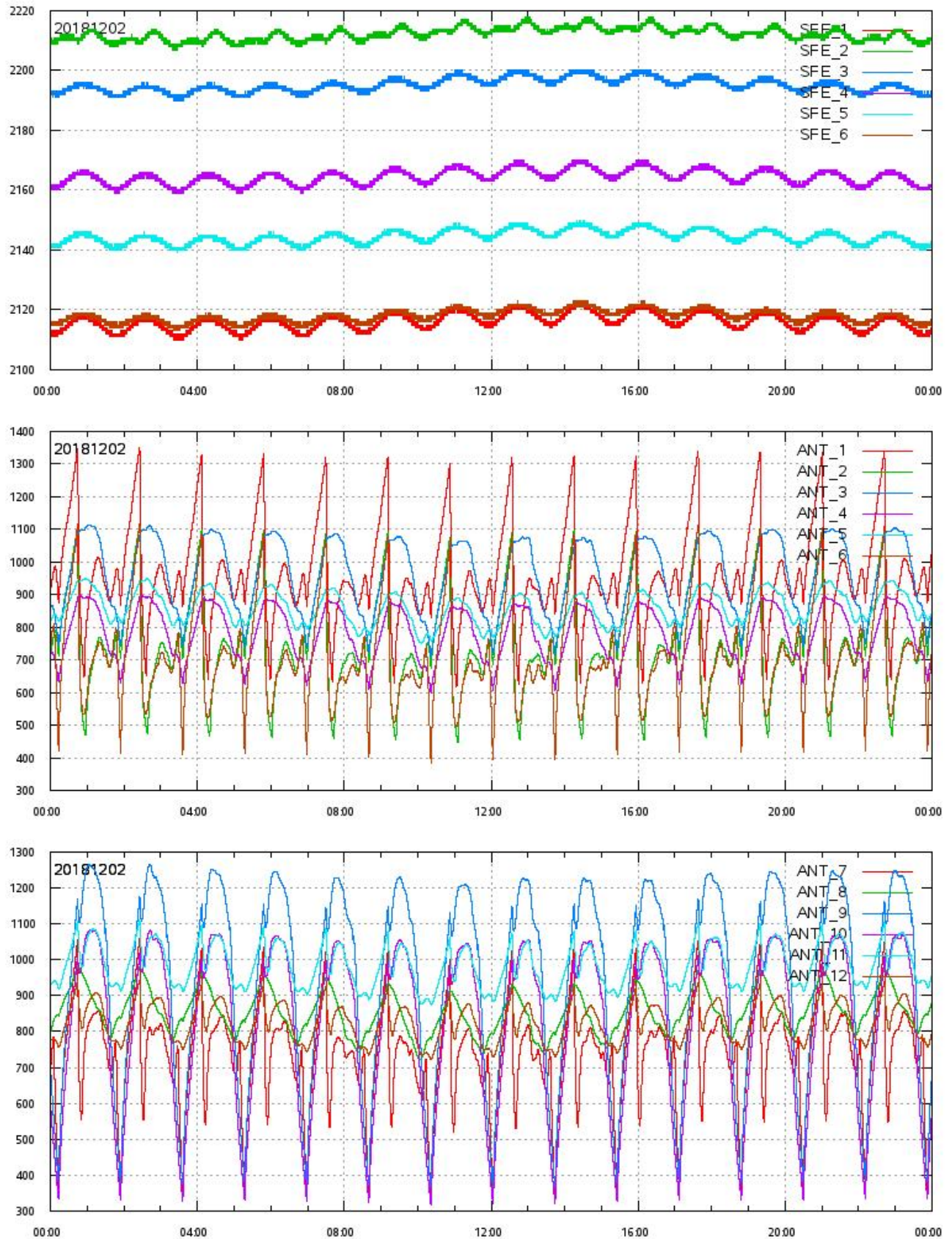
L1A Product

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



L1A Product

SFE & ANT Temperatures (raw) vs. UTC_LOCALISATION

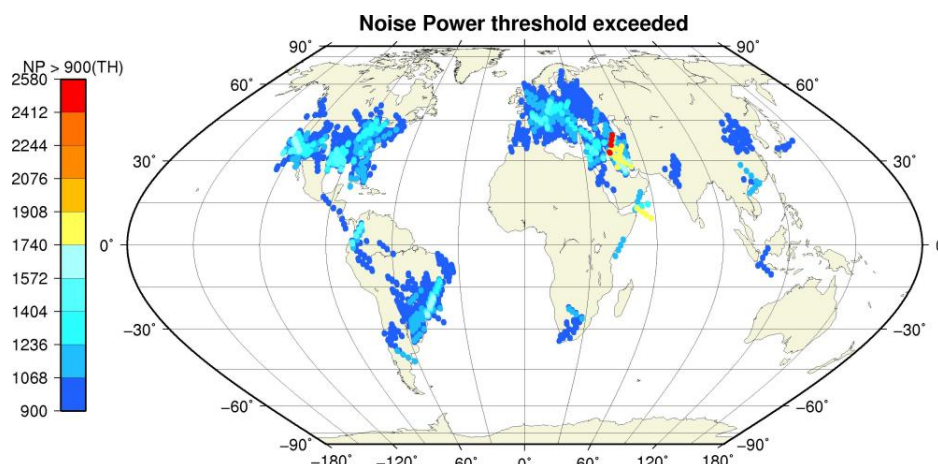
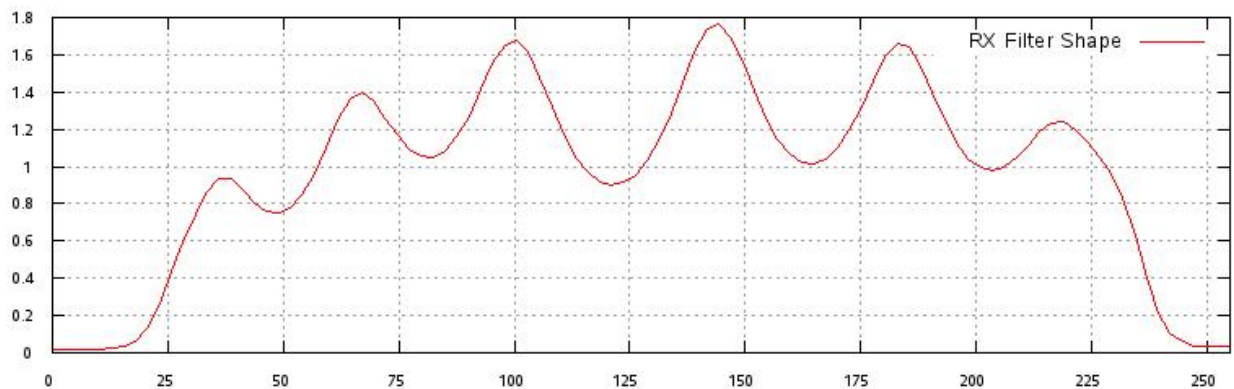
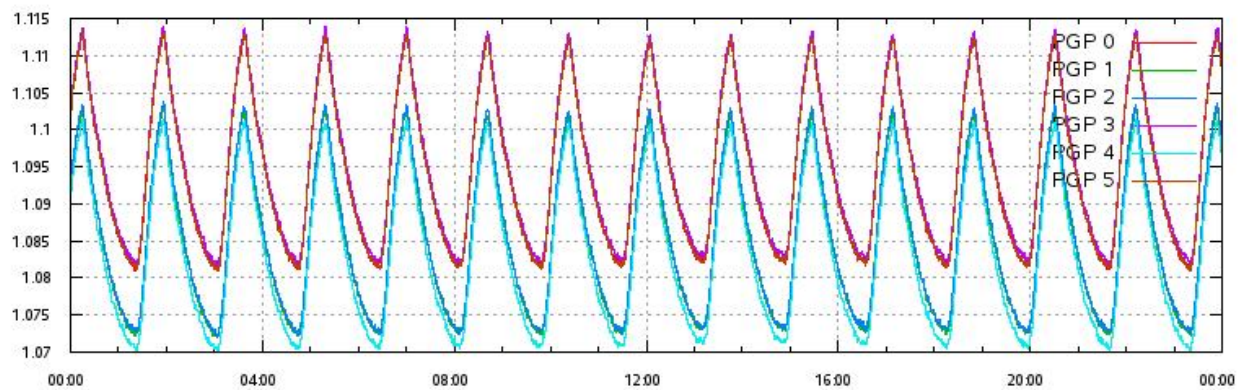
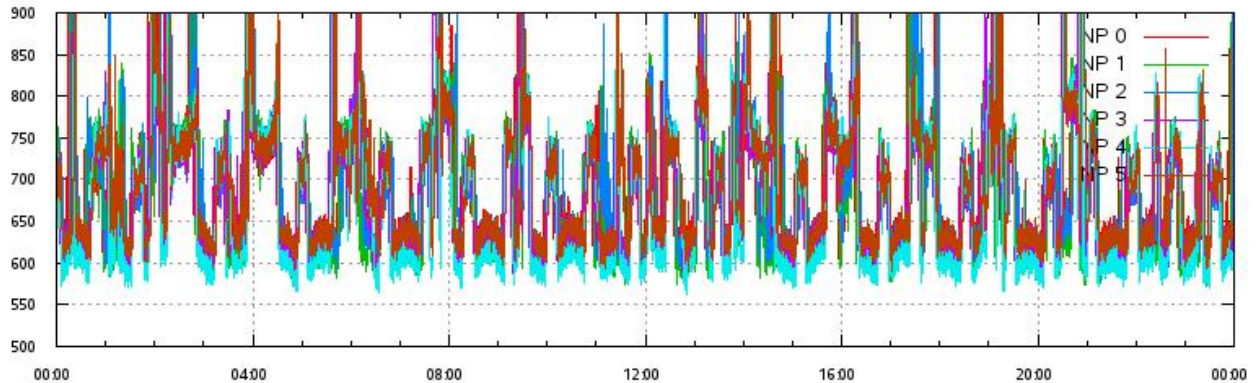


L1A Product

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

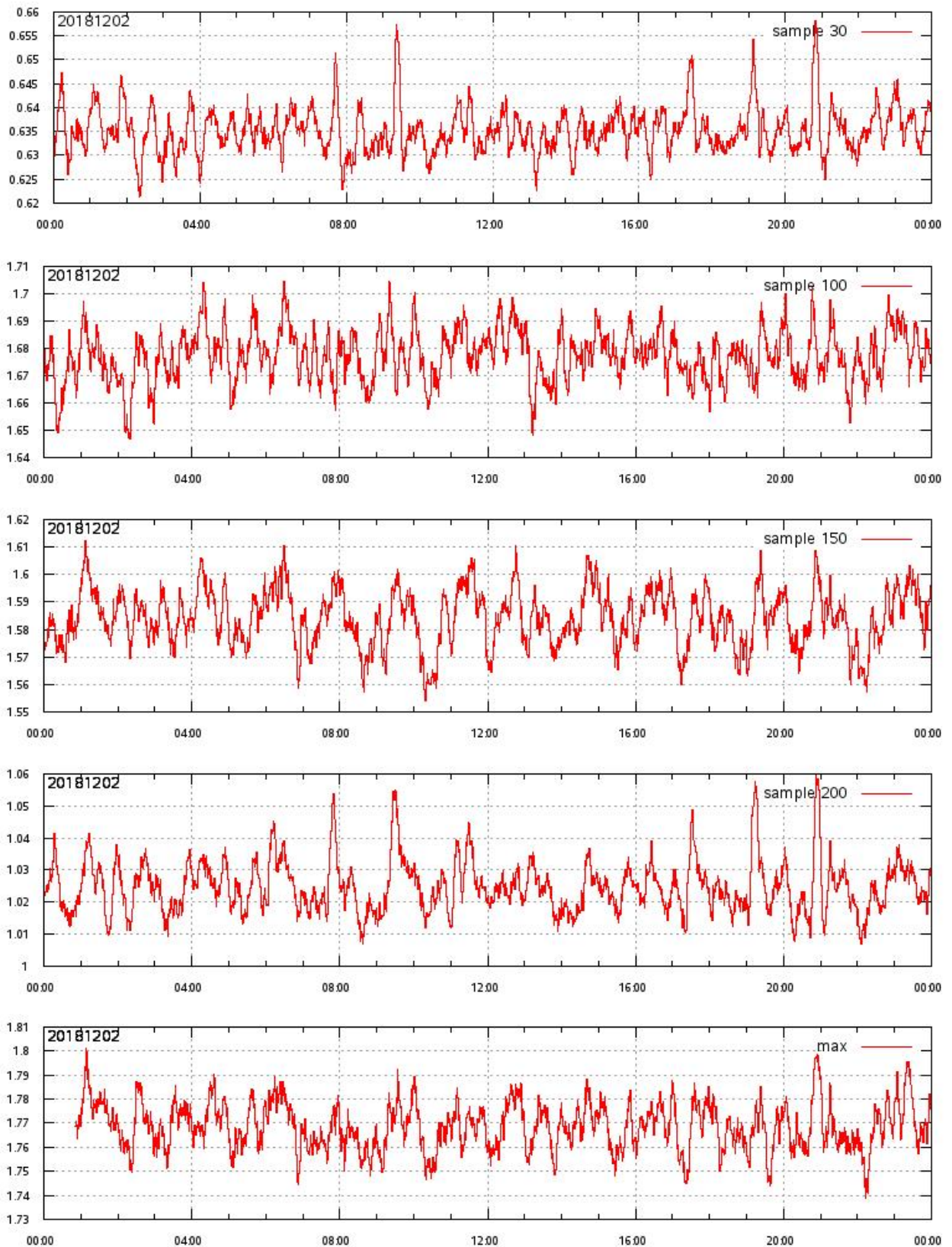
RX Filter Shape average over sample number

Noise Power threshold exceeded (TH=900) on map



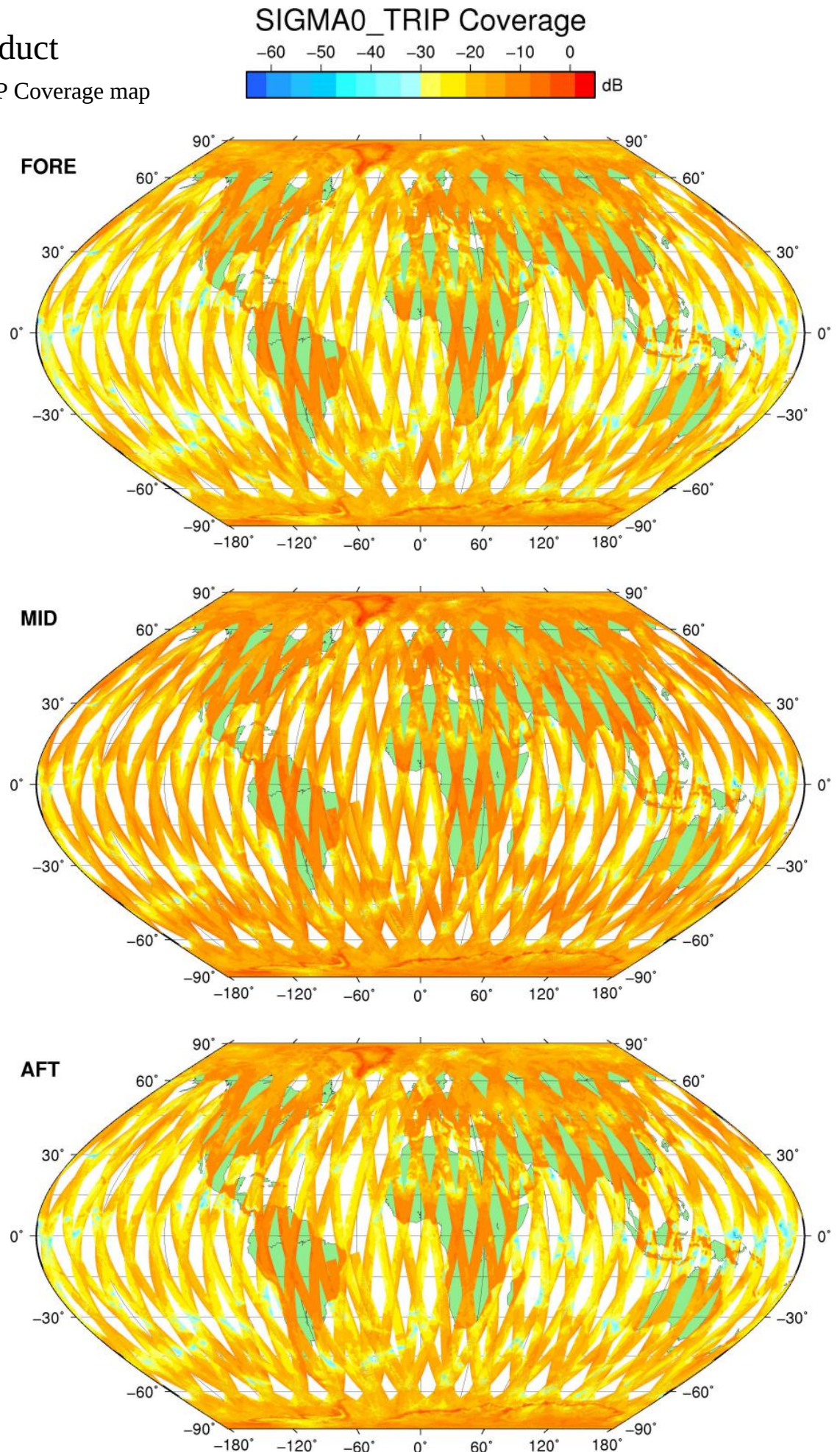
L1A Product

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



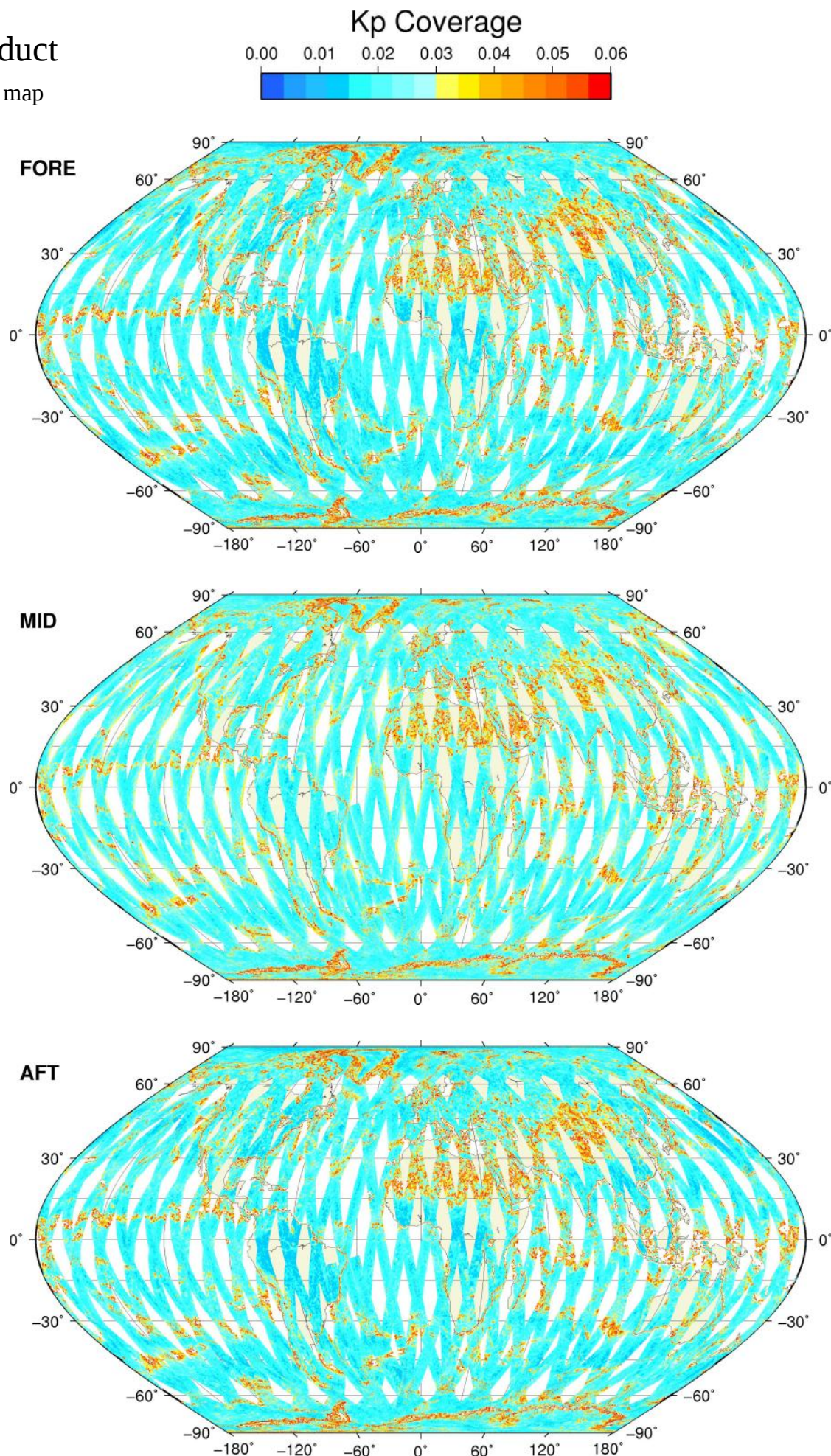
SZO Product

Sigma0_TRIP Coverage map



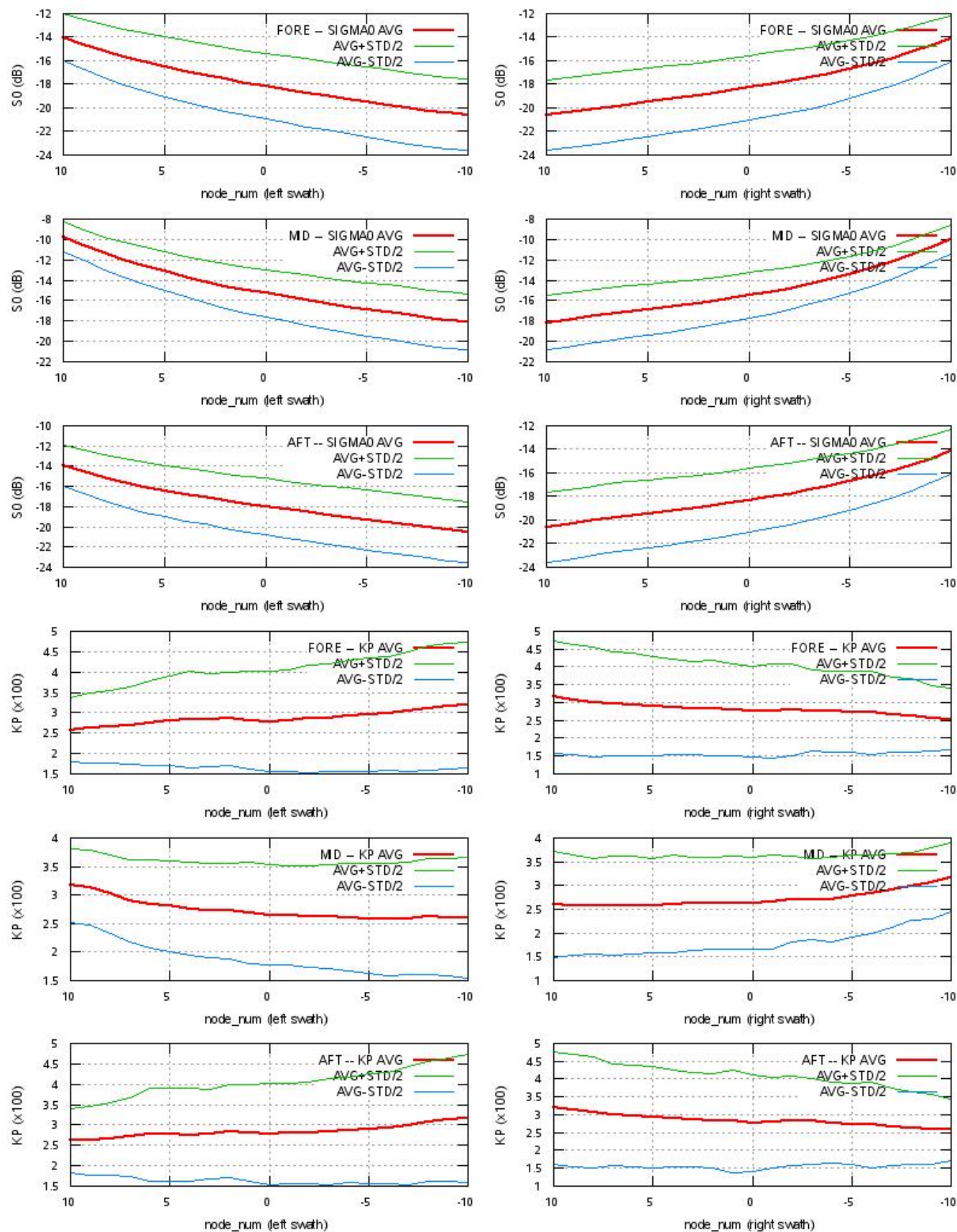
SZO Product

Kp Coverage map



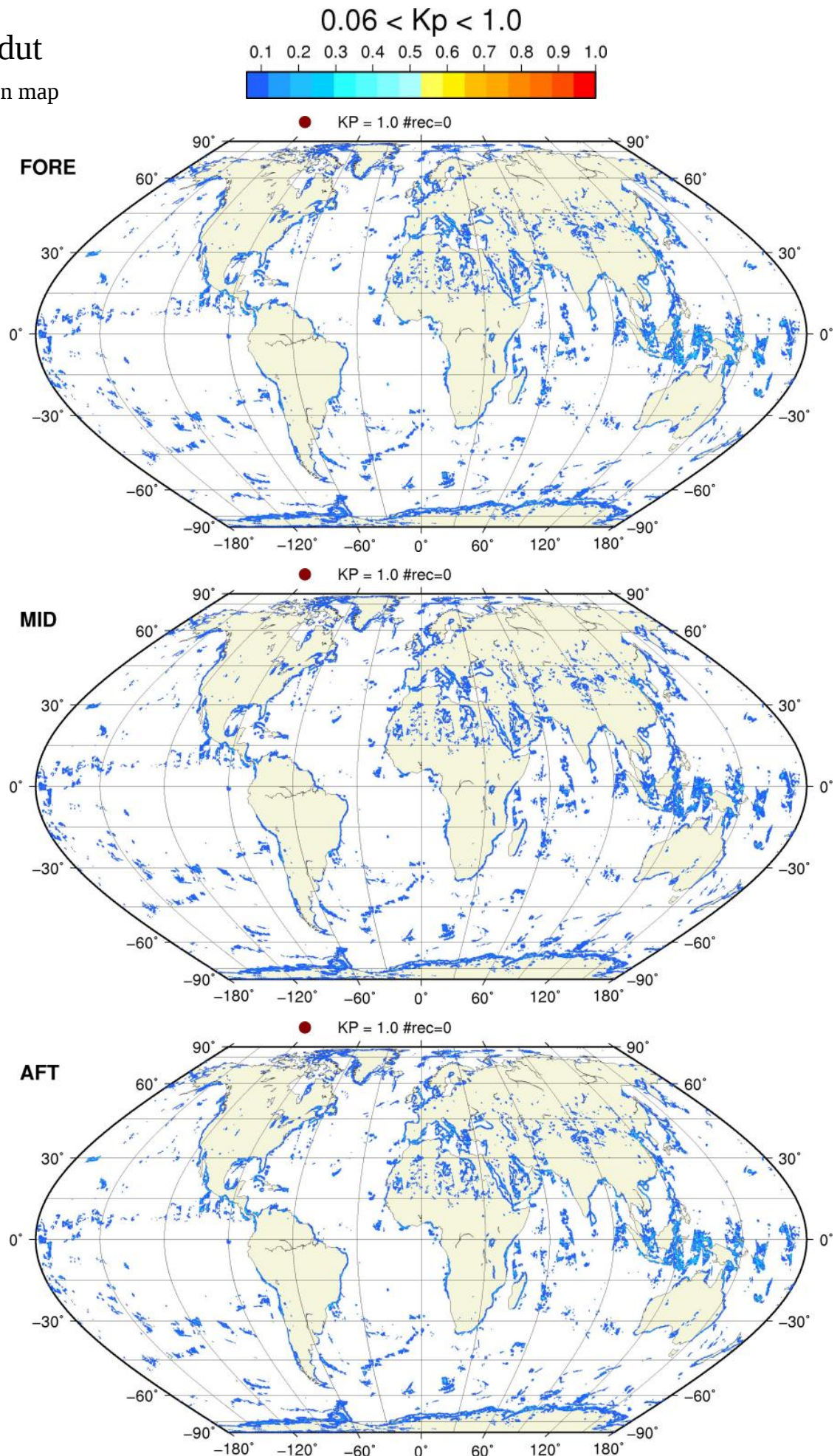
SZO Product

S0 - Kp Statistics



SZO Product

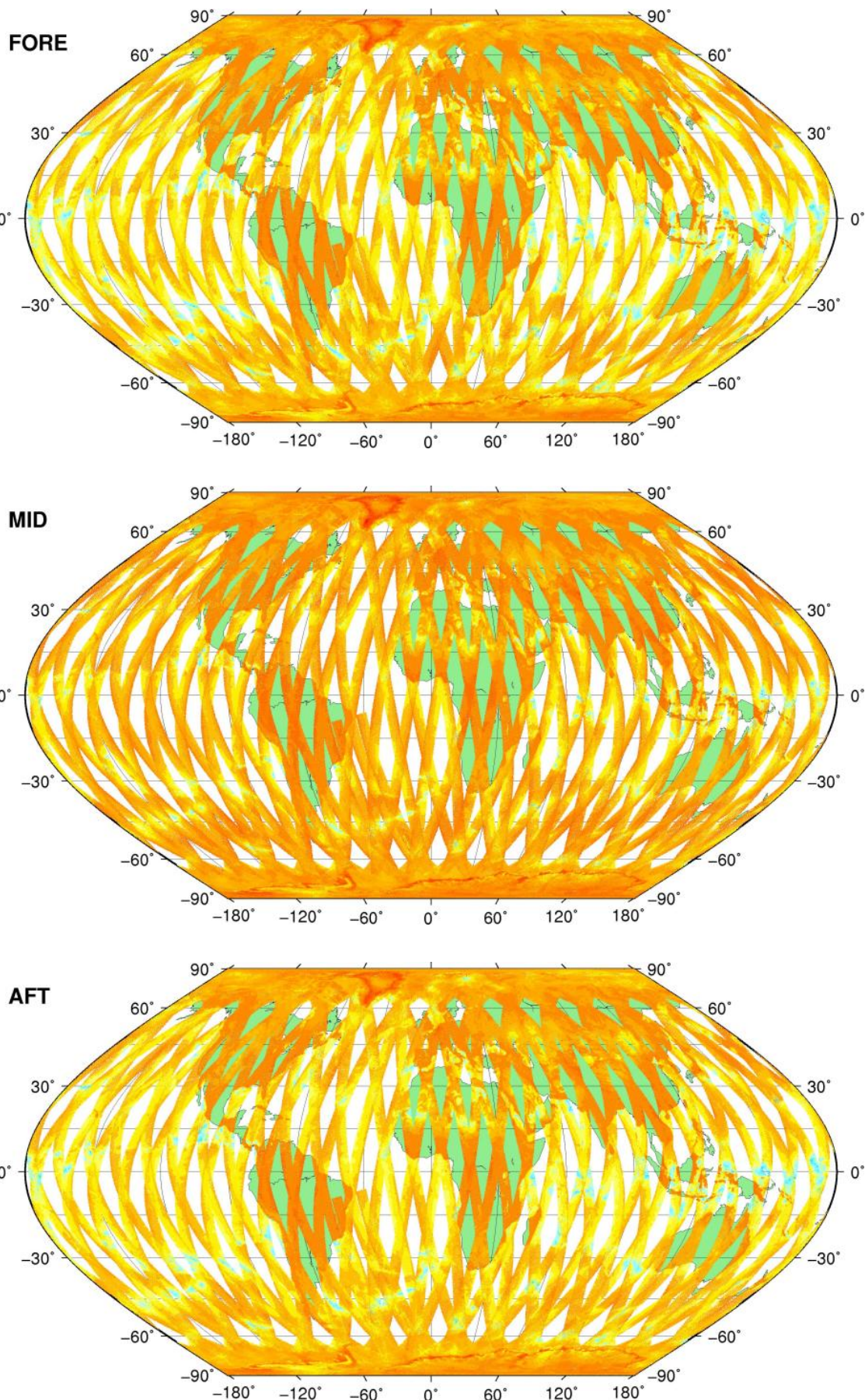
Kp Outliers on map



SZR Product

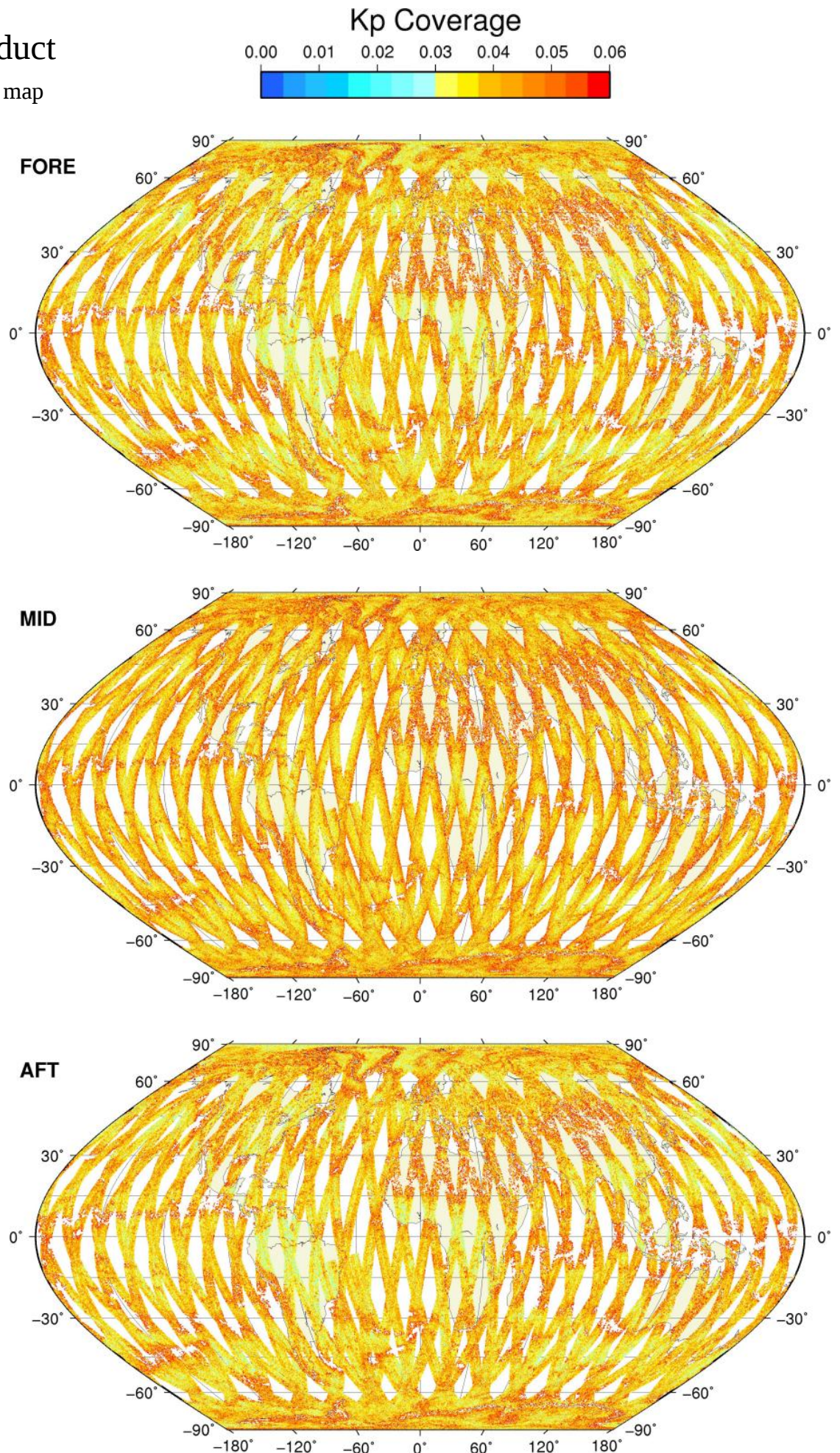
Sigma0_TRIP Coverage map

SIGMA0_TRIP Coverage



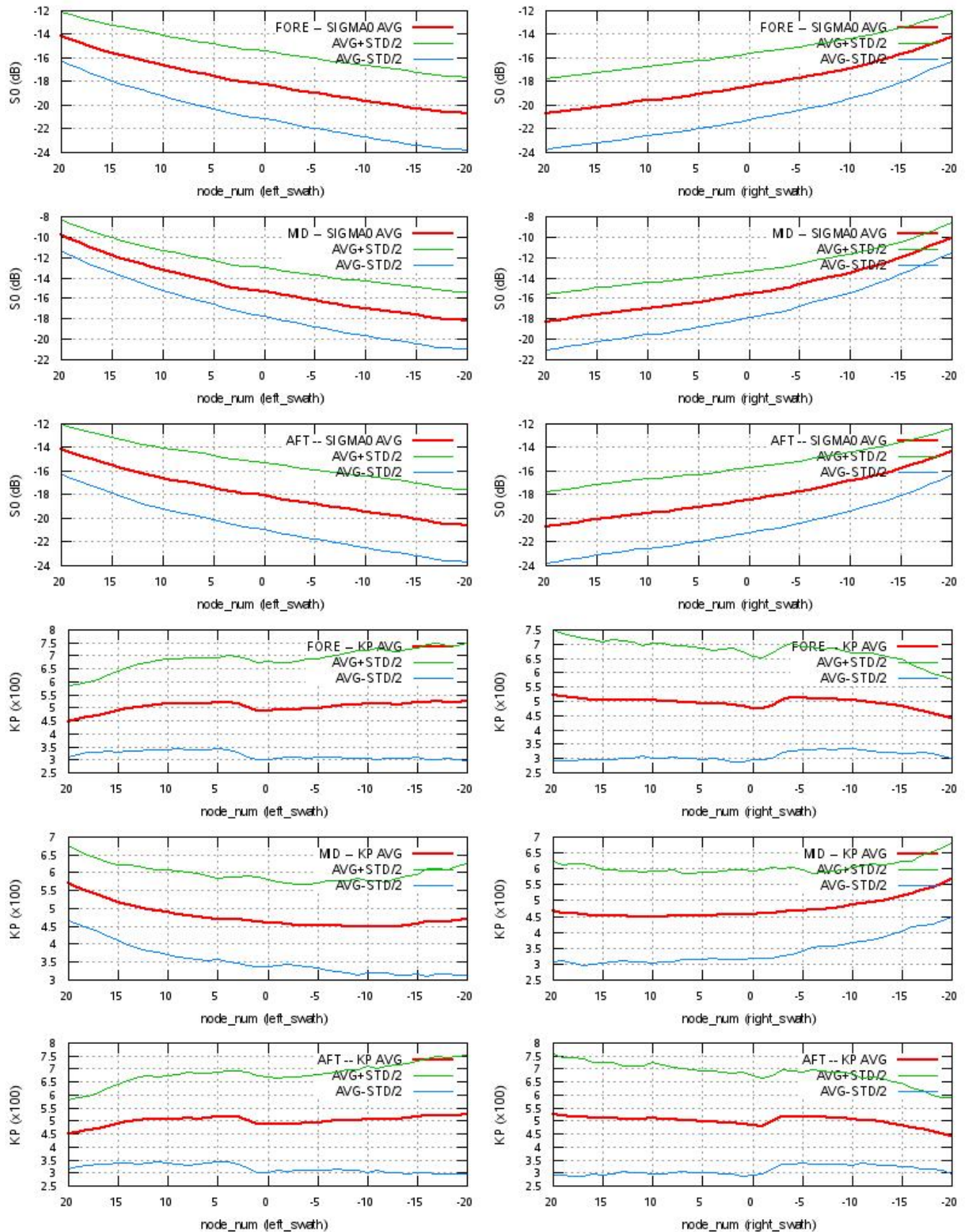
SZR Product

Kp Coverage map



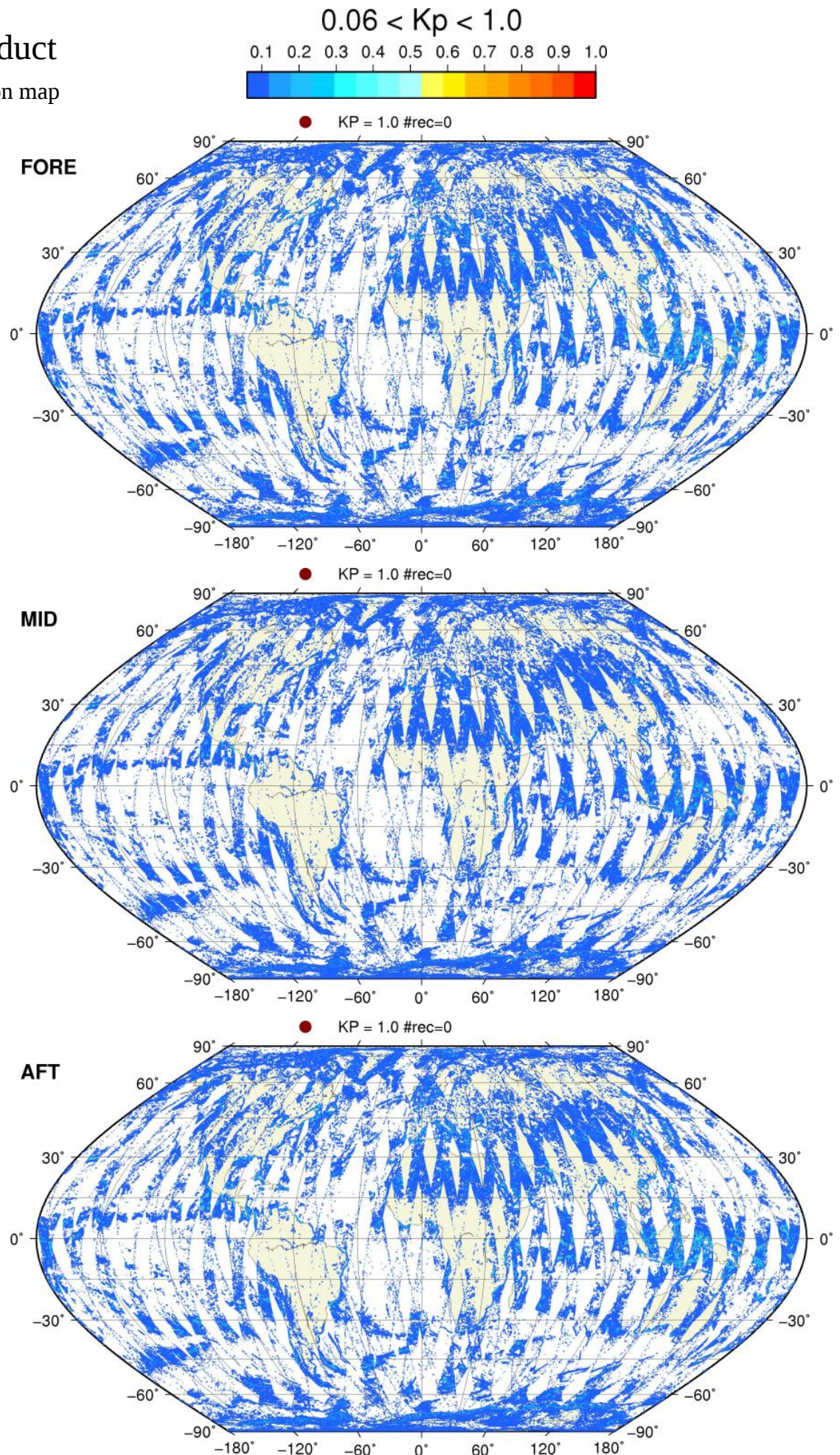
SZR Product

S0 - Kp Statistics



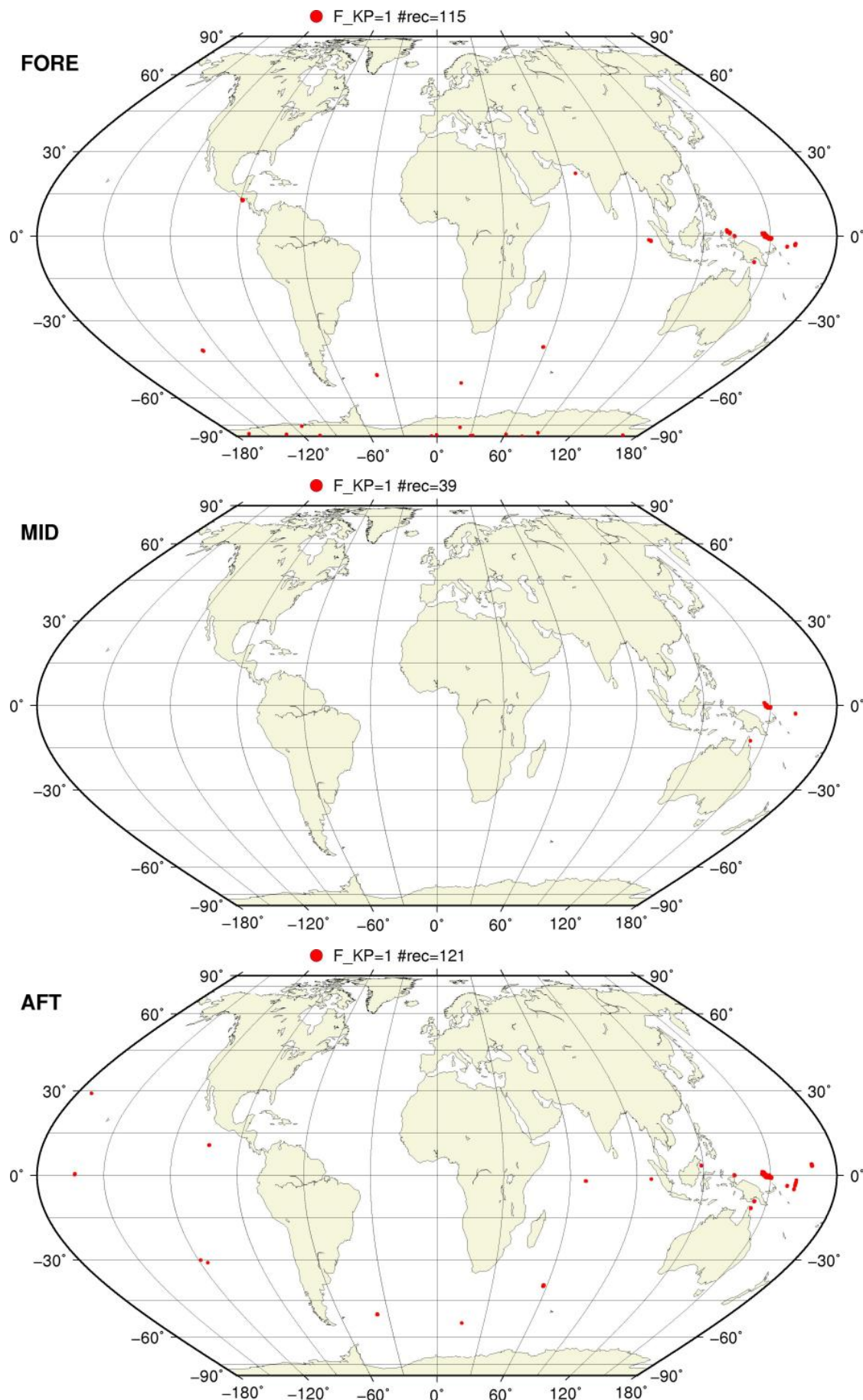
SZR Product

Kp Outliers on map



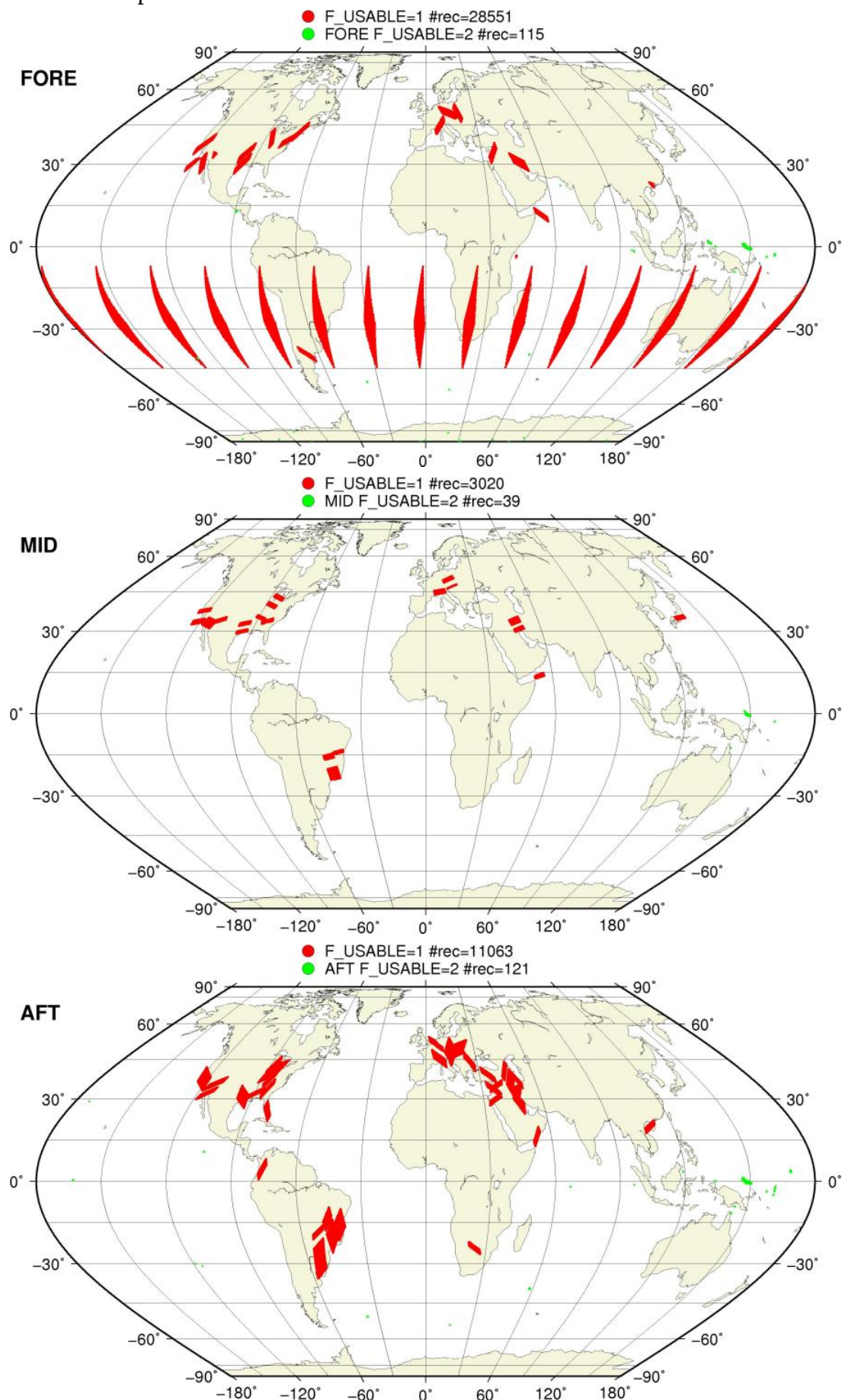
SZO Flagged Data Coverage

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

$0 < F_F \leq 1$

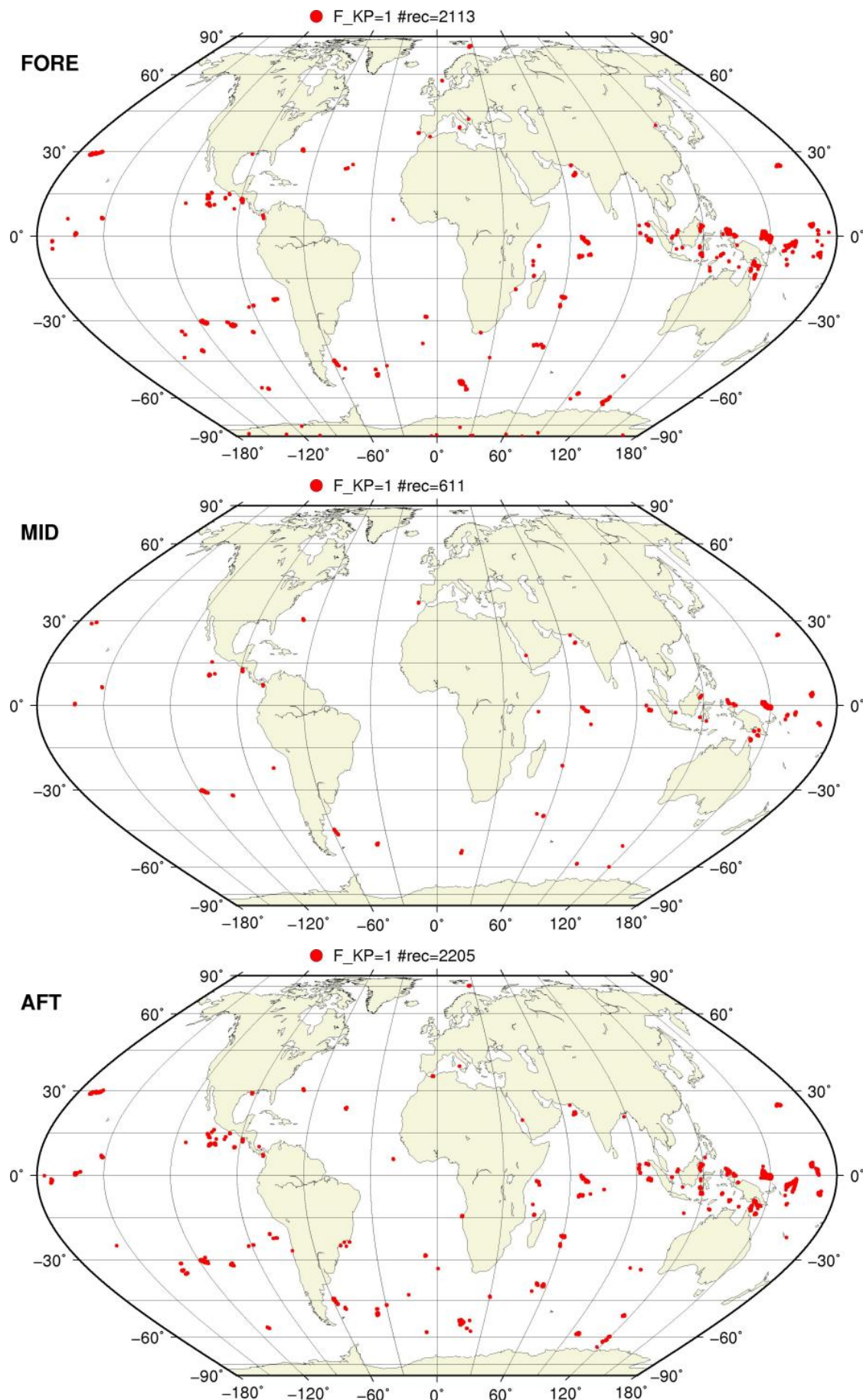


$0 < F_V \leq 1$



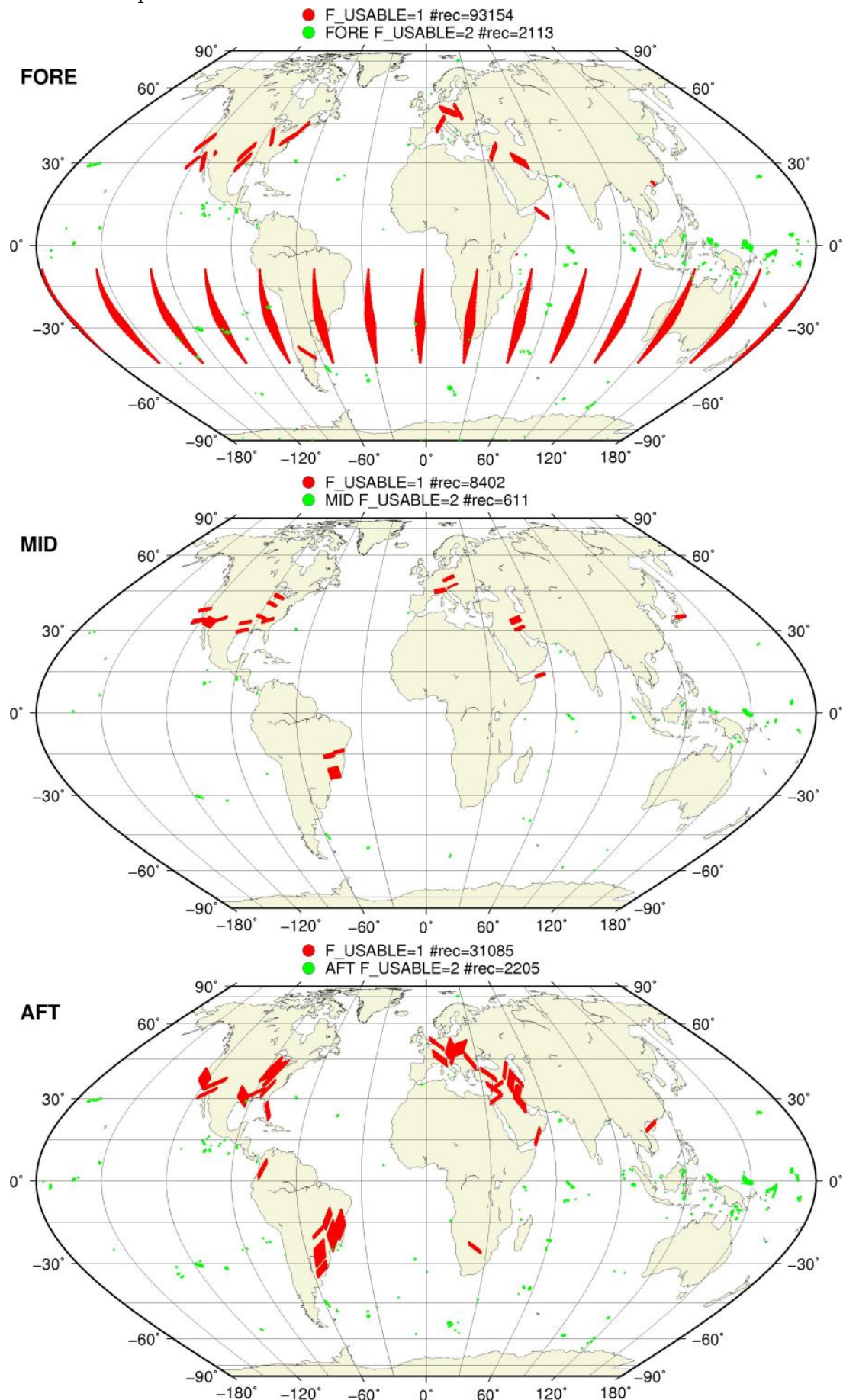
SZR Flagged Data Coverage

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

$0 < F_F \leq 1$



$0 < F_V \leq 1$

