

ASAR Daily Report





Analysis from 15-JUN-2009 00:00:00 to 15-JUN-2009 23:00:02. Page generated on 15-JUN-2009 23:05:43. View log file: ASAR_Daily_Report_20090615_2300.log. For any anomalies please contact mtranfaglia@serco.it,Emma.Griffiths@vega.co.uk.

This report is automatically generated every day, every 2 hours. No comments are provided on the results.

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1 - DATA SUMMARY

1.1 - Summary tables





1.2 - Lists of products used

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2 - AUXILIARY FILES ANALYSIS

2.1 - IECF operational ADFs list

[BACK TO MENU]

ADFs disseminated for ASAR
ASA_CON_AXVIEC20081215_141339_20070204_165113_20091231_000000
ASA_INS_AXVIEC20090525_114808_20090428_100000_20091231_235959
ASA_XCH_AXVIEC20081215_143642_20020301_000000_20091231_000000
ASA_XCA_AXVIEC20090311_104501_20080801_000000_20091231_235959

2.2 - Products with wrong ADFs

[BACK TO MENU]

Product	ASA_CON	ASA_INS	ASA_XCH	ASA_XCA
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3 - MODULE STEPPING PRODUCTS ANALYSIS

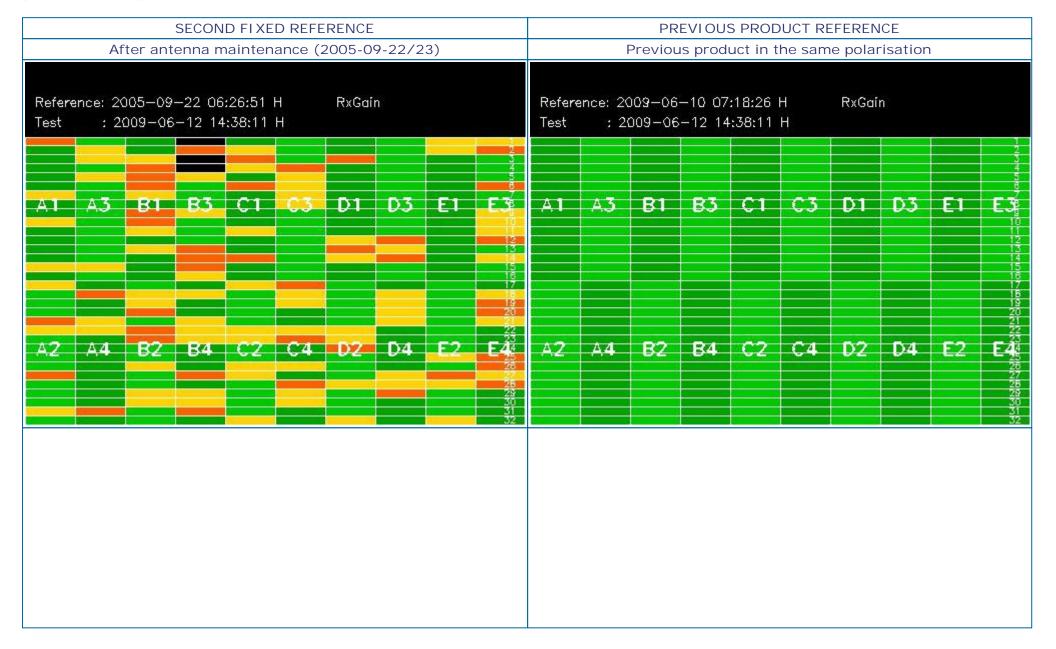








3.2 - H/H polarisation













4 - CALIBRATION PULSES ANALYSIS

4.1 - Analysis for WVS IS2 V/V

4.1.1 - Temporal Evolution Analysis for WVS IS2 V/V

[BACK TO MENU]

Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8 /12/16/20/24/28/32] Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8 /12/16/20/24/28/32]

4.1.2 - All Rows Analysis for WVS IS2 V/V

[BACK TO MENU]



4.2 - Analysis for GM1 SS3 H/H

4.2.1 - Temporal Evolution Analysis for GM1 SS3 H/H

[BACK TO MENU]

Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8 /12/16/20/24/28/32] Rows: [2/6/10/14/18/22/26/30] [3/7/11/15/19/23/27/31] [4/8 /12/16/20/24/28/32]

4.2.2 - All Rows Analysis for GM1 SS3 H/H

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5 - DOPPLER ANALYSIS

5.1 - Analysis for WVS IS2 V/V

5.1.1 - Doppler MAP Analysis for WVS IS2 V/V

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5.1.2 - Doppler ANX Analysis for WVS IS2 V/V

[BACK TO MENU]



5.2 - Analysis for GM1 SS1 H/H

5.2.1 - Doppler MAP Analysis for GM1 SS1 H/H

[BACK TO MENU]



5.2.2 - Doppler ANX Analysis for GM1 SS1 H/H

[BACK TO MENU]



5.3 - Doppler JUMPS Analysis for WSM

[BACK TO MENU]



6 - CHIRP ANALYSIS

6.1 - Analysis for WSM SS1 H/H

6.1.1 - ScaleFactor

[BACK TO MENU]



6.2 - Analysis for WSM SS1 V/V

6.2.1 - ScaleFactor





7 - RAW DATA ANALYSIS

7.1 - Analysis for WVS

[BACK TO MENU]

		\boxtimes	
	Channel	Statistics	DSS-B
	MEAN I	mean	
	IVIEAN I	stdev	
	MEAN Q mean stdev	mean	
\times		stdev	
	Channel	Statistics	DSS-B
	STDEV I	mean	
	SIDEVI	stdev	
	STDEV Q	mean	
	SIDLV Q	stdev	

7.2 - Analysis for IMM

[BACK TO MENU]

		Channel	Statistics	DSS-B
	N	MEAN I	mean	
		IVICANI	stdev	
		MEAN Q	mean	
\boxtimes		IVIEAN Q	stdev	
		Channel	Statistics	DSS-B
		STDEV I	mean	
		SIDEVI	stdev	
		STDEV Q	mean	
		SIDEV Q	stdev	

8 - TELEMETRY ANALYSIS

8.1 - Number of Missing lines

[BACK TO MENU]



8.2 - Number of Gaps



In particular, but not limited to:

- (a) Modification, reverse engineering or distribution is not permitted in any form.(b) Usage is restricted to Serco S.p.A. employee belonging to the above Contract Reference.Any deviation from above rules requires an explicit prior written authorisation of Serco S.p.A.



ASAR DAILY REPORT for 090615

MODE: DAILY ANALYSIS: ALL DATE: TODAY

Analysis will be performed from 2009-06-15 00:00:00 to 2009-06-15 23:00:02

Results will be exported to the directory: ./RESULTS/DAILY/090615/

DATA SUMMARY

Summary will be performed from 2009-06-15 00:00:00 to 2009-06-15 23:00:02 Results will be exported to the directory: ./RESULTS/DAILY/090615/DATA_SUMMARY

Creating directory ./RESULTS/DAILY/090615/DATA_SUMMARY...

Writing file ./RESULTS/DAILY/090615/DATA_SUMMARY/Data_summary.html...

Getting WVS products list from 2009-06-15 00:00:00 to 2009-06-15 23:00:02... Writing file ./RESULTS/DAILY/090615/DATA_SUMMARY/List_WVS_products_used.xls...

Writing file ./RESULTS/DAILY/090615/DATA_SUMMARY/List_WVS_products_used.txt...

Getting GM1 products list from 2009-06-15 00:00:00 to 2009-06-15 23:00:02... Writing file ./RESULTS/DAILY/090615/DATA_SUMMARY/List_GM1_products_used.xls...

Writing file ./RESULTS/DAILY/090615/DATA_SUMMARY/List_GM1_products_used.txt...

Getting APM products list from 2009-06-15 00:00:00 to 2009-06-15 23:00:02...

Writing file ./RESULTS/DAILY/090615/DATA_SUMMARY/List_APM_products_used.xls...

Writing file ./RESULTS/DAILY/090615/DATA_SUMMARY/List_APM_products_used.txt...

Getting IMM products list from 2009-06-15 00:00:00 to 2009-06-15 23:00:02...

Writing file ./RESULTS/DAILY/090615/DATA_SUMMARY/List_IMM_products_used.xls...

Writing file ./RESULTS/DAILY/090615/DATA_SUMMARY/List_IMM_products_used.txt...

Getting WSM products list from 2009-06-15 00:00:00 to 2009-06-15 23:00:02...

 $\label{lem:weight} \textit{Writing file ./RESULTS/DAILY/090615/DATA_SUMMARY/List_WSM_products_used.xls...}$

Writing file ./RESULTS/DAILY/090615/DATA_SUMMARY/List_WSM_products_used.txt...

Getting MS products list from 2009-06-15 00:00:00 to 2009-06-15 23:00:02...

Writing file ./RESULTS/DAILY/090615/DATA_SUMMARY/List_MS_products_used.xls...

Writing file ./RESULTS/DAILY/090615/DATA_SUMMARY/List_MS_products_used.txt...

DATA SUMMARY completed

AUXILIARY FILES ANALYSIS

Analysis will be performed from 2009-06-15 00:00:00 to 2009-06-15 23:00:02 Results will be exported to the directory: ./RESULTS/DAILY/090615/AUXILIARY

Creating directory ./RESULTS/DAILY/090615/AUXILIARY...

Looking for the IECF operational ADFs list...



```
Found list 20090615 030001 current 3 IECF ADFs.txt...
Extracting ADFs...
     ASA CON AXVIEC20081215 141339 20070204 165113 20091231 000000
    ASA_INS_AXVIEC20090525_114808_20090428_100000_20091231_235959
    ASA XCH AXVIEC20081215 143642 20020301 000000 20091231 000000
    ASA_XCA_AXVIEC20090311_104501_20080801_000000_20091231_235959
Writing file ./RESULTS/DAILY/090615/AUXILIARY/ASAR_ADFs_IECF_List3.html...
Writing file ./RESULTS/DAILY/090615/AUXILIARY/Auxiliary_files_summary.html...
***************
Analysing WVS products...
No WVS products available for the selected period...
*****************
Analysing GM1 products...
No GM1 products available for the selected period...
*******************
Analysing APM products...
No APM products available for the selected period...
*****************
Analysing IMM products...
No IMM products available for the selected period...
******************
Analysing WSM products...
No WSM products available for the selected period...
AUXILIARY FILES ANALYSIS completed
MODULE STEPPING ANALYSIS
Analysis will be performed from 2009-06-15 00:00:00 to 2009-06-15 23:00:02
Results will be exported to the directory: ./RESULTS/DAILY/090615/MODULE_STEPPING
Creating directory ./RESULTS/DAILY/090615/MODULE_STEPPING...
Creating directory ./RESULTS/DAILY/090615/MODULE STEPPING/FIRST REFERENCE...
Creating directory ./RESULTS/DAILY/090615/MODULE_STEPPING/SECOND_REFERENCE...
Creating directory ./RESULTS/DAILY/090615/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...
Deleting old files...
Creating images comparing with second reference...
Exporting results to the directory ../../RESULTS/DAILY/090615/MODULE STEPPING/SECOND REFERENCE...
Polarization: H
Test product: ASA_MS __OPNPDK20090612_143811_000000162079_00454_38083_0826.N1
```



```
../../RESULTS/DAILY/090615/MODULE_STEPPING/SECOND_REFERENCE/TGH_20090612_143811-20050922_062651.png
../../RESULTS/DAILY/090615/MODULE_STEPPING/SECOND_REFERENCE/TPH_20090612_143811-20050922_062651.png
../../RESULTS/DAILY/090615/MODULE_STEPPING/SECOND_REFERENCE/RGH_20090612_143811-20050922_062651.png
../../RESULTS/DAILY/090615/MODULE_STEPPING/SECOND_REFERENCE/RPH_20090612_143811-20050922_062651.png
Polarization: V
Reference product: ASA_MS__0PNPDK20050923_055514_000000152041_00048_18639_0042.N1
Test product: ASA_MS__0PNPDE20090613_204858_000000162079_00472_38101_0429.N1
../../RESULTS/DAILY/090615/MODULE_STEPPING/SECOND_REFERENCE/TGV_20090613_204858-20050923_055514.png
../../RESULTS/DAILY/090615/MODULE_STEPPING/SECOND_REFERENCE/TPV_20090613_204858-20050923_055514.png
../../RESULTS/DAILY/090615/MODULE_STEPPING/SECOND_REFERENCE/RGV_20090613_204858-20050923_055514.png
../../RESULTS/DAILY/090615/MODULE_STEPPING/SECOND_REFERENCE/RPV_20090613_204858-20050923_055514.png
Creating images comparing with previous product reference...
Exporting results to the directory ../../RESULTS/DAILY/090615/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE...
Polarization: H
Reference product: ASA_MS__0PNPDK20090610_071826_000000162079_00421_38050_0824.N1
Test product: ASA_MS__0PNPDK20090612_143811_000000162079_00454_38083_0826.N1
../../RESULTS/DAILY/090615/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGH_20090612_143811-20090610_071826.png
../../RESULTS/DAILY/090615/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPH_20090612_143811-20090610_071826.png
../../RESULTS/DAILY/090615/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGH_20090612_143811-20090610_071826.png
../../RESULTS/DAILY/090615/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPH_20090612_143811-20090610_071826.png
Polarization: V
Reference product: ASA_MS__0PNPDK20090611_100800_000000162079_00437_38066_0825.N1
Test product: ASA_MS__0PNPDE20090613_204858_000000162079_00472_38101_0429.N1
../../RESULTS/DAILY/090615/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TGV_20090613_204858-20090611_100800.png
../../RESULTS/DAILY/090615/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/TPV_20090613_204858-20090611_100800.png
../../RESULTS/DAILY/090615/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RGV_20090613_204858-20090611_100800.png
../../RESULTS/DAILY/090615/MODULE_STEPPING/PREVIOUS_PRODUCT_REFERENCE/RPV_20090613_204858-20090611_100800.png
MODULE_STEPPING ANALYSIS completed
CALIBRATION PULSES ANALYSIS
Creating directory ./RESULTS/DAILY/090615/CALIBRATION_PULSES...
ALL ROWS Analysis will be performed from 2009-06-15 00:00:00 to 2009-06-15 23:00:02
Analysing products WVS IS2 V/V
*** No Data ***
Analysing products GM1 SS3 H/H
*** No Data ***
TEMPORAL EVOLUTION Analysis will be performed from 2009-06-15 00:00:00 to 2009-06-15 23:00:02
```

esa

Analysing products WVS IS2 V/V

Getting calibration pulses data for WVS IS2 V/V from 2009-06-15 00:00:00 to 2009-06-15 23:00:02. Rows: 1/5/9/13/17/21/25/29 Writing file ./RESULTS/DAILY/090615/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2009-06-15_1.dat... No data to be processed for WVS IS2 V/V...

Getting calibration pulses data for WVS IS2 V/V from 2009-06-15 00:00:00 to 2009-06-15 23:00:02. Rows: 2/6/10/14/18/22/26/30 Writing file ./RESULTS/DAILY/090615/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2009-06-15_2.dat...

No data to be processed for WVS IS2 V/V...

Getting calibration pulses data for WVS IS2 V/V from 2009-06-15 00:00:00 to 2009-06-15 23:00:02. Rows: 3/7/11/15/19/23/27/31 Writing file ./RESULTS/DAILY/090615/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2009-06-15_3.dat... No data to be processed for WVS IS2 V/V...

Getting calibration pulses data for WVS IS2 V/V from 2009-06-15 00:00:00 to 2009-06-15 23:00:02. Rows: 4/8/12/16/20/24/28/32 Writing file ./RESULTS/DAILY/090615/CALIBRATION_PULSES/Calibration_pulses_data_WVS_IS2_VV_2009-06-15_4.dat... No data to be processed for WVS IS2 V/V...

Analysing products GM1 SS3 H/H

Getting calibration pulses data for GM1 SS3 H/H from 2009-06-15 00:00:00 to 2009-06-15 23:00:02. Rows: 1/5/9/13/17/21/25/29 Writing file ./RESULTS/DAILY/090615/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2009-06-15_1.dat...

No data to be processed for GM1 SS3 H/H...

Getting calibration pulses data for GM1 SS3 H/H from 2009-06-15 00:00:00 to 2009-06-15 23:00:02. Rows: 2/6/10/14/18/22/26/30 Writing file ./RESULTS/DAILY/090615/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2009-06-15_2.dat... No data to be processed for GM1 SS3 H/H...

Getting calibration pulses data for GM1 SS3 H/H from 2009-06-15 00:00:00 to 2009-06-15 23:00:02. Rows: 3/7/11/15/19/23/27/31 Writing file ./RESULTS/DAILY/090615/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2009-06-15_3.dat... No data to be processed for GM1 SS3 H/H...

Getting calibration pulses data for GM1 SS3 H/H from 2009-06-15 00:00:00 to 2009-06-15 23:00:02. Rows: 4/8/12/16/20/24/28/32 Writing file ./RESULTS/DAILY/090615/CALIBRATION_PULSES/Calibration_pulses_data_GM1_SS3_HH_2009-06-15_4.dat...

No data to be processed for GM1 SS3 H/H...

CALIBRATION PULSES ANALYSIS completed

DOPPLER ANALYSIS

Creating directory ./RESULTS/DAILY/090615/DOPPLER...

DOPPLER ANX Analysis will be performed from 2009-06-15 00:00:00 to 2009-06-15 23:00:02

Analysing products WVS IS2 V/V

Getting doppler data for WVS IS2 V/V from 2009-06-15 00:00:00 to 2009-06-15 23:00:02... Writing file ./RESULTS/DAILY/090615/DOPPLER/Doppler_data_WVS_IS2_VV_2009-06-15.dat... No data to be processed for WVS IS2 V/V...

Analysing products GM1 SS1 H/H

Getting doppler data for GM1 SS1 H/H from 2009-06-15 00:00:00 to 2009-06-15 23:00:02... Writing file ./RESULTS/DAILY/090615/DOPPLER/Doppler_data_GM1_SS1_HH_2009-06-15.dat... No data to be processed for GM1 SS1 H/H...

DOPPLER JUMPS Analysis will be performed on WSM products from 2009-06-15 00:00:00 to 2009-06-15 23:00:02



Analysing by default products WSM Getting doppler jumps data for WSM from 2009-06-15 00:00:00 to 2009-06-15 23:00:02... Writing file ./RESULTS/DAILY/090615/DOPPLER/Doppler_Jumps_data_WSM_2009-06-15.dat... No data to be processed for WSM... ************************************ ************************************* DOPPLER MAP Analysis will be performed from 2009-06-15 00:00:00 to 2009-06-15 23:00:02 Analysing products WVS IS2 V/V *** Insufficient Data to Plot *** *** Insufficient Data to Plot *** Analysing products GM1 SS1 H/H *** Insufficient Data to Plot *** *** Insufficient Data to Plot *** DOPPLER ANALYSIS completed CHIRP ANALYSIS Creating directory ./RESULTS/DAILY/090615/CHIRP... ************************************* CHIRP Analysis will be performed from 2009-06-15 00:00:00 to 2009-06-15 23:00:02 Analysing products WSM SS1 H/H ********************** Getting ScaleFactor data for WSM SS1 H/H from 2009-06-15 00:00:00 to 2009-06-15 23:00:02... Writing file ./RESULTS/DAILY/090615/CHIRP/ScaleFactor_data_WSM_SS1_HH_2009-06-15.dat... ScaleFactor: no data to be processed for WSM SS1 H/H... Analysing products WSM SS1 V/V ********************** Getting ScaleFactor data for WSM SS1 V/V from 2009-06-15 00:00:00 to 2009-06-15 23:00:02... Writing file ./RESULTS/DAILY/090615/CHIRP/ScaleFactor data WSM SS1 VV 2009-06-15.dat... ScaleFactor: no data to be processed for WSM SS1 V/V... CHIRP ANALYSIS completed RAW DATA ANALYSIS Analysis will be performed from 2009-06-15 00:00:00 to 2009-06-15 23:00:02 Results will be exported to the directory: ./RESULTS/DAILY/090615/RAW_DATA Creating directory ./RESULTS/DAILY/090615/RAW DATA... ************************** Getting raw data for WVS from 2009-06-15 00:00:00 to 2009-06-15 23:00:02... Writing file ./RESULTS/DAILY/090615/RAW DATA/Raw data WVS 2009-06-15.dat... No data to be processed for WVS...



Getting raw data for IMM from 2009-06-15 00:00:00 to 2009-06-15 23:00:02... Writing file ./RESULTS/DAILY/090615/RAW_DATA/Raw_data_IMM_2009-06-15.dat... No data to be processed for IMM...

RAW DATA ANALYSIS completed TELEMETRY ANALYSIS Analysis will be performed from 2009-06-15 00:00:00 to 2009-06-15 23:00:02 Results will be exported to the directory: ./RESULTS/DAILY/090615/TELEMETRY Creating directory ./RESULTS/DAILY/090615/TELEMETRY... Looking for gaps and missing lines in WVS products... *********** No products from PDE... No products from PDK... Looking for gaps and missing lines in GM1 products... ********** No products from PDE... No products from PDK... Looking for gaps and missing lines in APM products... ********** No products from PDE... No products from PDK... Looking for gaps and missing lines in IMM products... ********** No products from PDE... No products from PDK... Looking for gaps and missing lines in WSM products... ********* No products from PDE... No products from PDK... No data found... ********************* TELEMETRY ANALYSIS completed BROWSE PRODUCTS ANALYSIS Analysis will be performed on 2009-06-15 ********************* Scanning directory /nas3/ENVISAT/ASAR//ASA_GM__BP... Results will be exported to the directory: /nas3/ENVISAT/ASAR//ASA_GM__BP/JPG/20090615/

ANALYSIS COMPLETED: 0 GM browse products to see...



Scanning directory /nas3/ENVISAT/ASAR//ASA AP BP... Results will be exported to the directory: /nas3/ENVISAT/ASAR//ASA_AP__BP/JPG/20090615/ ANALYSIS COMPLETED: 0 AP browse products to see... ******************** ********************** Scanning directory /nas3/ENVISAT/ASAR//ASA IM BP... Results will be exported to the directory: /nas3/ENVISAT/ASAR//ASA_IM__BP/JPG/20090615/ ANALYSIS COMPLETED: 0 IM browse products to see... ****************** ********************** Scanning directory /nas3/ENVISAT/ASAR//ASA WS BP... Results will be exported to the directory: /nas3/ENVISAT/ASAR//ASA_WS_BP/JPG/20090615/ ANALYSIS COMPLETED: 0 WS browse products to see... BROWSE PRODUCTS ANALYSIS completed HTML REPORT generation Building file ./RESULTS/DAILY/090615/asarReport.html... Building DATA SUMMARY section... Building AUXILIARY FILES ANALYSIS section... Building MODULE STEPPING ANALYSIS section... Building CALIBRATION PULSES ANALYSIS section... Building DOPPLER ANALYSIS section... Building CHIRP ANALYSIS section... Building RAW DATA ANALYSIS section... Building TELEMETRY ANALYSIS section... HTML REPORT generation completed







ENVISAT ASAR Daily Report



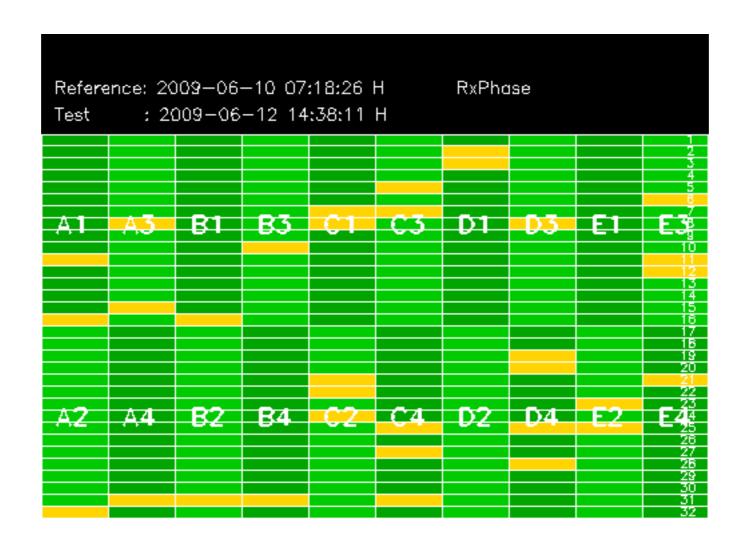


		009-06 009-06				RxGaí	n		
A1	A.3	B1	B3	C1	C3	D1	D3	Ε1	2 3 4 5 8 8 E 3 ⁹ 10
									12 13 14 15 16 17 18 19
A2	A4	B2	B4	C2	C4	D2	D4	E2	22 23 24 4 25 26 27 28 29 30

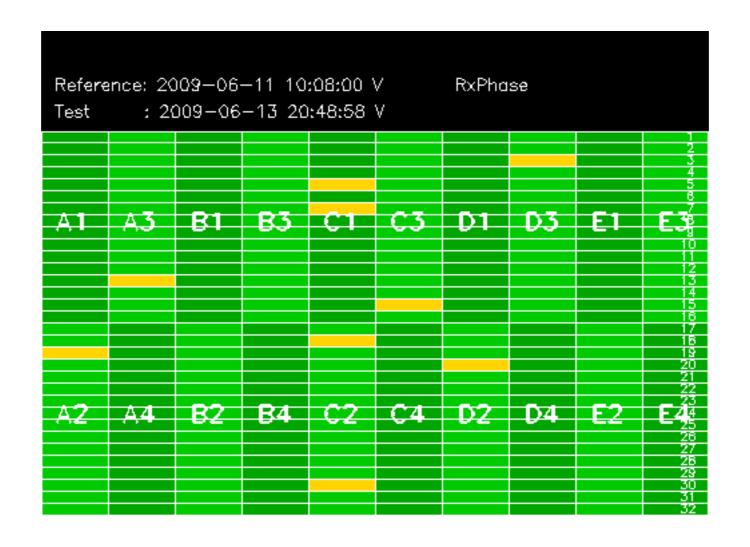


					RxGair	1		
A. 3	B1	B3	C1	C3	D1	D3	Ε1	E38
								12 13 14 15 16 17 16 19
Α4	B2	B4	C2	C4	D2	D4	E 2	21 22 23 24 4 4 25 26 27
	20	: 2009-06	: 2009-06-13 20	: 2009-06-13 20:48:58 A3 B1 B3 C1	: 2009-06-13 20:48:58 V A3 B1 B3 C1 C3	: 2009-06-13 20:48:58 V A3 B1 B3 C1 C3 D1	: 2009-06-13 20:48:58 V A3 B1 B3 C1 C3 D1 D3	: 2009-06-13 20:48:58 V A3 B1 B3 C1 C3 D1 D3 E1











				:18:26 :38:11		TxGair	1		
A1	A.3	B1	B3	C1	C3	D1	D3	Ε1	2 3 4 5 8 7 E 3 8
									11 12 13 14 15 16 17 16 17
A.2	A 4	B2	B4	C2	C4	D2	D4	E2	20 21 22 23 23 44 25 26 27 26 27 28
									29 30 31 32



Refere Test				:08:00 \ 1:48:58		TxGain			
									2 3 4 5
A1	Α3	B1	B3	C1	C3	D1	D3	E1	E 3∮
									10 11 12 13 14
									15 16 17 18
									19 20 21 22 22
A2	Д4	B2	B4	C2	C4	D2	D4	E2	25 28 27
									28 29 30 31 32



