# (SCR0370

## REPORT OF CALIBRATION

Certificate number: D006A28C30-101016

Unit under test

SIRIUS

Serial number

D006A28C30

Hardware version

Firmware version

System SN

5.3.18.16 D00BFFDA8B

Procedure name

SIRIUS check

Procedure version

4.0

Confidence level Temperature

95% (sigma 2)

Humidity

23,0 °C 45%

Performed by

Loic Renaudin

Location

DEWEFRANCE

Calibration date

10.10.2016 17:38:26

Calibration status

PASS

State

As-left

#### Devices used for calibration

Company	Name	Description	Serial number	Certificate number	Due date
DEWESoft	DS-CAL 1 (V3)	Calibration board	D02FC4B6C9	. /	/
Agilent	34401A	Multimeter	3146A27101	155413	03.12.2016

CAN excitation							ng Romania	
Port index	Reference [V]	Abs tol. [V]	Rel tol. [%]	Max tol. [V]	Measured [V]	% of tol	Uncert IVI	P/F
1	5,000000	0,000000	10,00	0,500000	5,000419	0,08	1,500E-04	PASS
1	12,000000	0,000000	10,00	1,200000	11,975429	2,05	3,128E-04	PASS

Functionality tests
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Description P/F

Sync connector(s) in/out

**DEWESoft®** 

measurement innovation

Certificate number: D00904EA59-101016

Unit under test SIRIUS-STG Serial number D00904EA59 Hardware version 1.5.0.0

Firmware version 1.17

System SN D00BFFDA8B Motherboard SN D006A28C30

Slot

Procedure name SIRIUS-STG check Procedure version 4.7

Confidence level

95% (sigma 2) Temperature 23,0 °C Humidity 45%

Performed by Loic Renaudin Location DEWEFRANCE Calibration date 10.10.2016 17:38:28

Calibration status PASS State As-left

#### Devices used for calibration

Company	Name	Description	Serial number	Certificate number	Due date
DEWESoft	DS-CAL 1 (V3)	Calibration board	D02FC4B6C9	I manager to the second of the	I
FLUKE	5520A	Calibrator	7080211	1594241	15.02.2017
Agilent	34401A	Multimeter	3146A27101	155413	03.12.2016

Analog input acc	uracy		A STATE OF						4
Range	SR [Hz]	Reference [V]	Abs tol. [V]	Rel tol. [%]	Max tol. [V]	Measured [V]	% of tol	Uncert, [V]	· P/F
50V Dual core	10000	-49,000000	0,010000	0,05	0,034500	-49,000744	2,16	8,000E-04	PASS
50V Dual core	10000	-2,450000	0,010000	0,05	0,011225	-2,450242	2,16	2,244E-05	PASS
50V Dual core	10000	0,000000	0,010000	0,05	0,010000	-0,000207	2,07	7,752E-07	PASS
50V Dual core	10000	2,450000	0,010000	0,05	0,011225	2,449789	1,88	2,244E-05	PASS
50V Dual core	10000	49,000000	0,010000	0,05	0,034500	49,000594	1,72	8,000E-04	PASS
50V	10000	-49,000000	0,020000	0,05	0,044500	-49,001307	2,94	8,000E-04	PASS
50V	10000	0,000000	0,020000	0,05	0,020000	-0,000770	3,85	7,752E-07	PASS
50V	10000	49,000000	0,020000	0,05	0,044500	49,000031	0,07	8,000E-04	PASS
10V Dual core	2000	-9,800000	0,001000	0,05	0,005900	-9,799989	0,19	1,067E-04	PASS
10V Dual core	10000	-9,800000	0,001000	0,05	0,005900	-9,800100	1,69	1,067E-04	PASS
10V Dual core	50000	-9,800000	0,001000	0,05	0,005900	-9,799785	3,64	1,067E-04	PASS
10V Dual core	100000	-9,800000	0,001000	0,05	0,005900	-9,799779	3,75	1,067E-04	PASS
10V Dual core	200000	-9,800000	0,001000	0,05	0,005900	-9,799788	3,60	1,067E-04	PASS
10V Dual core	2000	-0,490000	0,001000	0,05	0,001245	-0,490023	1,87	5,729E-06	PASS
10V Dual core	10000	-0,490000	0,001000	0,05	0,001245	-0,490030	2,43	5,729E-06	PASS
10V Dual core	50000	-0,490000	0,001000	0,05	0,001245	-0,490011	0,87	5,729E-06	PASS
10V Dual core	100000	-0,490000	0,001000	0,05	0,001245	-0,490012	0,98	5,729E-06	PASS
10V Dual core	200000	-0,490000	0,001000	0,05	0,001245	-0,490013	1,03	5,729E-06	PASS
10V Dual core	2000	0,000000	0,001000	0,05	0,001000	-0,000023	2,33	7,752E-07	PASS
10V Dual core	10000	0,000000	0,001000	0,05	0,001000	-0,000025	2,55	7,752E-07	PASS
10V Dual core	50000	0,000000	0,001000	0,05	0,001000	-0,000032	3,18	7,752E-07	PASS
10V Dual core	100000	0,000000	0,001000	0,05	0,001000	-0,000034	3,37	7,752E-07	PASS
10V Dual core	200000	0,000000	0,001000	0,05	0,001000	-0,000034	3,35	7,752E-07	PASS
10V Dual core	2000	0,490000	0,001000	0,05	0,001245	0,489964	2,90	5,729E-06	PASS
10V Dual core	10000	0,490000	0,001000	0,05	0,001245	0,489970	2,38	5,729E-06	PASS
10V Dual core	50000	0,490000	0,001000	0,05	0,001245	0,489923	6,15	5,729E-06	PASS
10V Dual core	100000	0,490000	0,001000	0,05	0,001245	0,489921	6,33	5,729E-06	PASS
10V Dual core	200000	0,490000	0,001000	0,05	0,001245	0,489921	6,31	5,729E-06	PASS
10V Dual core	2000	9,800000	0,001000	0,05	0,005900	9,799823	2,99	1,067E-04	PASS
10V Dual core 10V Dual core	10000 50000	9,800000	0,001000	0,05	0,005900	9,799908	1,57	1,067E-04	PASS
10V Dual core		9,800000	0,001000	0,05	0,005900	9,799562	7,42	1,067E-04	PASS
10V Dual core	100000 200000	9,800000	0,001000	0,05	0,005900	9,799559	7,47	1,067E-04	PASS
10V Edal Cole	20000	9,800000	0,001000	0,05	0,005900	9,799567	7,33	1,067E-04	PASS
10V 10V	10000	-9,800000 -9,800000	0,002000	0,05	0,006900	-9,800155	2,25	1,067E-04	PASS
10V	50000	-9,800000	0,002000 0,002000	0,05	0,006900	-9,800250	3,62	1,067E-04	PASS
10V	100000		· ·	0,05	0,006900	-9,800010	0,15	1,067E-04	PASS
10V 10V	200000	-9,800000 -9,800000	0,002000	0,05	0,006900	-9,800022	0,32	1,067E-04	PASS
10V 10V	20000	0,000000	0,002000 0,002000	0,05	0,006900	-9,800037	0,54	1,067E-04	PASS
10V	10000	0,000000	0,002000	0,05	0,002000	-0,000190	9,49	7,752E-07	PASS
10V	50000	0,000000	0,002000	0,05	0,002000	-0,000175	8,77	7,752E-07	PASS
10V	100000	0,000000	0,002000	0,05 0,05	0,002000	-0,000257	12,83	7,752E-07	PASS
10V	200000	0,000000	0,002000	0,05 0,05	0,002000	-0,000277	13,87	7,752E-07	PASS
100	200000	0,000000	0,002000	0,05	0,002000	-0,000283	14,13	7,752E-07	PASS

Certificate number: D00904EA59-101016



Bones	OD III.	n esmalist el	See and the	the Luces but	The second second	All and a second			
Range 10V	SR [Hz] 2000	Reference [V]	Abs tol. [V]	Rel tol. [%]	Max tol. [V]	Measured [V]	% of tol	Uncert. [V]	P/I
10V	10000	9,800000	0,002000	0,05	0,006900	9,799657	4,97	1,067E-04	PAS:
10V		9,800000	0,002000	0,05	0,006900	9,799758	3,51	1,067E-04	PAS
	50000	9,800000	0,002000	0,05	0,006900	9,799337	9,60	1,067E-04	PAS
10V	100000	9,800000	0,002000	0,05	0,006900	9,799315	9,92	1,067E-04	PAS
10V	200000	9,800000	0,002000	0,05	0,006900	9,799318	9,88	1,067E-04	PAS
1V Dual core	10000	-0,980000	0,000200	0,05	0,000690	-0,980024	3,54	9,907E-06	PASS
1V Dual core	10000	-0,049000	0,000200	0,05	0,000225	-0,049003	1,21	1,535E-06	PASS
1V Dual core	10000	0,000000	0,000200	0,05	0,000200	-0,000003	1,38	7,752E-07	PAS
1V Dual core	10000	0,049000	0,000200	0,05	0,000225	0,048996	1,64	1,535E-06	PAS
1V Dual core	10000	0,980000	0,000200	0,05	0,000690	0,979965	5,12	-	
1V	10000	-0,980000	0,000200	0,05	0,000690	-0,980042		9,907E-06	PAS
1V	10000	0,000000	0,000200				6,09	9,907E-06	PASS
1V	10000	0,980000		0,05	0,000200	-0,000020	10,17	7,752E-07	PASS
0.1V Dual core			0,000200	0,05	0,000690	0,979947	7,67	9,907E-06	PASS
	10000	-0,098000	0,000100	0,05	0,000149	-0,098002	1,21	2,295E-06	PASS
0.1V Dual core	10000	-0,004900	0,000100	0,05	0,000102	-0,004901	0,99	8,512E-07	PASS
0.1V Dual core	10000	0,000000	0,000100	0,05	0,000100	-0,000001	0,59	7,752E-07	PASS
0.1V Dual core	10000	0,004900	0,000100	0,05	0,000102	0,004900	0,40	8,512E-07	PASS
0.1V Dual core	10000	0,098000	0,000100	0,05	0,000149	0,097999	0,73	2,295E-06	PASS
0.1V	10000	-0,098000	0,000100	0,05	0,000149	-0,098004			
0.1V	10000	0,000000	0,000100	0,05	0,000100		2,41	2,295E-06	PASS
0.1V	10000	0,098000				-0,000002	2,38	7,752E-07	PASS
	10000	0,030000	0,000100	0,05	0,000149	0,097997	1,93	2,295E-06	PASS
SNR									n yan Casaya si
Range 50V Dual con	·	SR [Hz] 2000	Typic	al [dB]	Max tol. [dB]	Measure		% of tol	P/F
				123,0	12,0		126,1	0,00	PASS
50V Dual con		10000		118,0	12,0		120,4	0,00	PASS
50V Dual core		50000		111,0	12,0		113,7	0,00	PASS
50V Dual core		100000		108,0	12,0		111,0	0,00	PASS
50\	/	2000		108,0	12,0		109,4	0,00	PASS
50\	/	10000		108,0	12,0		108,9	0,00	PASS
50\	/	50000		106,0	12,0		107,6		
50\	/	100000		104,0				0,00	PASS
10V Dual core		2000			12,0		104,6	0,00	PASS
10V Dual core				128,0	12,0		130,9	0,00	PASS
		10000		125,0	12,0		126,6	0,00	PASS
10V Dual core		50000		119,0	12,0		120,5	0,00	PASS
10V Dual core		100000		116,0	12,0		117,5	0,00	PASS
10\		2000		108,0	12,0		109,6	0,00	PASS
10\	<i>!</i>	10000		107,0	12,0		109,2	0,00	PASS
10\	/	50000		107,0	12,0		108,5	0,00	PASS
10\	/	100000		104,0	12,0				
1V Dual core	•	2000		119,0			105,5	0,00	PASS
1V Dual core		10000			12,0		121,5	0,00	PASS
1V Dual core				113,0	12,0		114,7	0,00	PASS
		50000		106,0	12,0		107,8	0,00	PASS
1V Dual core		100000		103,0	12,0		104,8	0,00	PASS
1\		2000		108,0	12,0		109,1	0,00	PASS
1\	/	10000		107,0	12,0		108,2	0,00	PASS
1\	<i>'</i>	50000		104,0	12,0		105,2	0,00	PASS
- 1ν	,	100000		101,0	12,0		102,2	-	
0.1V Dual core		2000		102,0	12,0			0,00	PASS
0.1V Dual core		10000		100,0			109,6	0,00	PASS
0.1V Dual core		50000		•	12,0		102,9	0,00	PASS
0.1V Dual core				94,0	12,0		96,0	0,00	PASS
		100000		92,0	12,0		93,0	0,00	PASS
0.1V		2000		102,0	12,0		106,8	0,00	PASS
0.1V		10000		100,0	12,0		102,0	0,00	PASS
0.1V		50000		94,0	12,0		95,8	0,00	PASS
5.41		100000		91,0	12,0		92,8	0,00	PASS
0.1V					,0			0,00	
0.1v ∟ow pass filter								0,00	
		SR [Hz]	requency [Hz]	Typical Idea		Meastred MD1			
_ow pass filter	Range		requency [Hz]	the same and the s	Max tol. [dB]	Measured [dB]	% of tol	Uncert. [dB]	P/F
ow pass filter Name LP 100kHz	Range 50V	200000	10000	0,00	Max tol. [dB] 1	-0,05	% of tol 4,53	Uncert. [dB] 5,954E-03	<b>P/F</b> PASS
LOW pass filter Name LP 100kHz LP 100kHz	Range 50V 50V	200000 200000	10000 50000	0,00 -1,20	Max tol. [dB] 1 1,00 2,00	-0,05 -1,15	% of tol 4,53 2,71	Uncert. [dB] 5,954E-03 1,107E-02	P/F PASS PASS
OW pass filter  Name  LP 100kHz  LP 100kHz  LP 100kHz  LP 100kHz	Range 50V 50V 50V	200000 200000 200000	10000 50000 95000	0,00 -1,20 -13,20	Max tol. [dB] 1 1,00 2,00 2,00	-0,05 -1,15 -13,12	% of tol 4,53	Uncert. [dB] 5,954E-03	P/F PASS PASS
OW pass filter  Name  LP 100kHz  LP 100kHz  LP 100kHz  LP 100kHz  LP 100kHz	Range 50V 50V 50V 10V	200000 200000 200000 200000	10000 50000 95000 10000	0,00 -1,20 -13,20 0,00	Max tol. [dB] 1 1,00 2,00	-0,05 -1,15	% of tol 4,53 2,71	Uncert. [dB] 5,954E-03 1,107E-02	PIF PASS PASS PASS
OW pass filter  Name  LP 100kHz  LP 100kHz  LP 100kHz  LP 100kHz  LP 100kHz  LP 100kHz	8 Range 50V 50V 50V 10V 10V	200000 200000 200000 200000 200000	10000 50000 95000 10000 50000	0,00 -1,20 -13,20	Max tol. [dB] 1 1,00 2,00 2,00	-0,05 -1,15 -13,12	% of tol 4,53 2,71 4,05	Uncert. [dB] 5,954E-03 1,107E-02 4,124E-02	P/F PASS PASS PASS
-ow pass filter Name LP 100kHz	50V 50V 50V 50V 10V 10V	200000 200000 200000 200000	10000 50000 95000 10000	0,00 -1,20 -13,20 0,00	Max tol. [dB] 1 1,00 2,00 2,00 1,00	-0,05 -1,15 -13,12 -0,01	% of tol 4,53 2,71 4,05 1,46 3,73	Uncert. [dB] 5,954E-03 1,107E-02 4,124E-02 5,954E-03 1,107E-02	P/F PASS PASS PASS PASS
OW pass filter  Name  LP 100kHz  LP 100kHz  LP 100kHz  LP 100kHz  LP 100kHz  LP 100kHz	8 Range 50V 50V 50V 10V 10V	200000 200000 200000 200000 200000	10000 50000 95000 10000 50000	0,00 -1,20 -13,20 0,00 -0,50	Max tol. [dB] 1 1,00 2,00 2,00 1,00 2,00 2,00 2,00 2,	-0,05 -1,15 -13,12 -0,01 -0,43 -11,23	% of tol 4,53 2,71 4,05 1,46 3,73 11,40	Uncert. [dB] 5,954E-03 1,107E-02 4,124E-02 5,954E-03 1,107E-02 4,124E-02	PASS PASS PASS PASS PASS PASS
-OW pass filter  Name  LP 100kHz  LP 5kHz  LP 5kHz	8 Range 50V 50V 50V 10V 10V 10V 10V	200000 200000 200000 200000 200000 200000	10000 50000 95000 10000 50000 95000	0,00 -1,20 -13,20 0,00 -0,50 -11,00	Max tol. [dB] 1.00 2,00 2,00 1,00 2,00	-0,05 -1,15 -13,12 -0,01 -0,43	% of tol 4,53 2,71 4,05 1,46 3,73 11,40 0,17	Uncert. [dB] 5,954E-03 1,107E-02 4,124E-02 5,954E-03 1,107E-02 4,124E-02 5,954E-03	PASS PASS PASS PASS PASS PASS
OW pass filter  Name  LP 100kHz	SoV 50V 50V 50V 10V 10V 10V	200000 200000 200000 200000 200000 200000 200000	10000 50000 95000 10000 50000 95000 5000	0,00 -1,20 -13,20 0,00 -0,50 -11,00 0,00	Max tol. [dB] 1.00 2,00 2,00 2,00 1,00 2,00 2,00 2,00 1,00	-0,05 -1,15 -13,12 -0,01 -0,43 -11,23 0,00	% of tol 4,53 2,71 4,05 1,46 3,73 11,40	Uncert. [dB] 5,954E-03 1,107E-02 4,124E-02 5,954E-03 1,107E-02 4,124E-02	PASS PASS PASS PASS PASS PASS PASS
-OW pass filter  Name  LP 100kHz  LP 5kHz  LP 5kHz	8 Range 50V 50V 50V 10V 10V 10V 10V	200000 200000 200000 200000 200000 200000 200000 200000	10000 50000 95000 10000 50000 95000 5000	0,00 -1,20 -13,20 0,00 -0,50 -11,00 0,00 -3,10	Max tol. [dB]	-0,05 -1,15 -13,12 -0,01 -0,43 -11,23 0,00 -3,14	% of tol 4,53 2,71 4,05 1,46 3,73 11,40 0,17 1,77	Uncert. [dB] 5,954E-03 1,107E-02 4,124E-02 5,954E-03 1,107E-02 4,124E-02 5,954E-03 5,954E-03	PASS PASS PASS PASS PASS PASS PASS
-OW pass filter  Name  LP 100kHz  LP 5kHz  LP 5kHz	Fange 50V 50V 50V 10V 10V 10V 10V 10V	200000 200000 200000 200000 200000 200000 200000 200000 200000	10000 50000 95000 10000 50000 95000 5000	0,00 -1,20 -13,20 0,00 -0,50 -11,00 0,00 -3,10 -40,00	Max tol. [dB] 1 1,00 2,00 2,00 1,00 2,00 2,00 2,00 1,00 2,00 3,00	-0,05 -1,15 -13,12 -0,01 -0,43 -11,23 0,00 -3,14 -40,25	% of tol 4,53 2,71 4,05 1,46 3,73 11,40 0,17 1,77 8,29	Uncert. [dB] 5,954E-03 1,107E-02 4,124E-02 5,954E-03 1,107E-02 4,124E-02 5,954E-03 5,954E-03 1,107E-02	PASS PASS PASS PASS PASS PASS PASS
-ow pass filter  Name  LP 100kHz  LP 100kHz  LP 100kHz  LP 100kHz  LP 100kHz  LP 100kHz  LP 5kHz  LP 5kHz  LP 5kHz  Reference [V]	Range 50V 50V 50V 10V 10V 10V 10V 10V 10V	200000 200000 200000 200000 200000 200000 200000 200000 200000	10000 50000 95000 10000 50000 95000 5000	0,00 -1,20 -13,20 0,00 -0,50 -11,00 0,00 -3,10 -40,00	Max tol. [dB] 1 1,00 2,00 2,00 1,00 2,00 1,00 2,00 3,00 Measurec	-0,05 -1,15 -13,12 -0,01 -0,43 -11,23 0,00 -3,14 -40,25	% of tol 4,53 2,71 4,05 1,46 3,73 11,40 0,17 1,77 8,29	Uncert. [dB] 5,954E-03 1,107E-02 4,124E-02 5,954E-03 1,107E-02 4,124E-02 5,954E-03 5,954E-03 1,107E-02  Uncert. [V]	PIF PASS PASS PASS PASS PASS PASS PASS
-ow pass filter  Name  LP 100kHz  LP 100kHz  LP 100kHz  LP 100kHz  LP 100kHz  LP 100kHz  LP 5kHz  LP 5kHz  LP 5kHz  Reference [V]  1,000000	Range 50V 50V 50V 10V 10V 10V 10V 10V Abs	200000 200000 200000 200000 200000 200000 200000 200000 200000	10000 50000 95000 10000 50000 95000 5000	0,00 -1,20 -13,20 0,00 -0,50 -11,00 0,00 -3,10 -40,00	Max tol. [dB] 1 1,00 2,00 2,00 1,00 2,00 1,00 2,00 3,00 Measurec 0,996	-0,05 -1,15 -13,12 -0,01 -0,43 -11,23 0,00 -3,14 -40,25	% of tol 4,53 2,71 4,05 1,46 3,73 11,40 0,17 1,77 8,29	Uncert. [dB] 5,954E-03 1,107E-02 4,124E-02 5,954E-03 1,107E-02 4,124E-02 5,954E-03 5,954E-03 1,107E-02  Uncert. [V] 3,133E-05	PIF PASS PASS PASS PASS PASS PASS PASS PAS
-OW pass filter  Name  LP 100kHz  LP 100kHz  LP 100kHz  LP 100kHz  LP 100kHz  LP 100kHz  LP 5kHz  LP 5kHz  LP 5kHz  Excitation voltage  Reference [V]  1,000000  5,000000	Range 50V 50V 10V 10V 10V 10V 10V 10V 00	200000 200000 200000 200000 200000 200000 200000 200000 200000	10000 50000 95000 10000 50000 95000 5000	0,00 -1,20 -13,20 0,00 -0,50 -11,00 0,00 -3,10 -40,00  Max tol. [V] 0,002500 0,004500	Max tol. [dB] 1 1,00 2,00 1,00 2,00 2,00 1,00 2,00 3,00 Measurec 0,999 5,00	-0,05 -1,15 -13,12 -0,01 -0,43 -11,23 0,00 -3,14 -40,25	% of tol 4,53 2,71 4,05 1,46 3,73 11,40 0,17 1,77 8,29 % of tol 2,05 27,01	Uncert. [dB] 5,954E-03 1,107E-02 4,124E-02 5,954E-03 1,107E-02 4,124E-02 5,954E-03 5,954E-03 1,107E-02  Uncert. [V] 3,133E-05 1,500E-04	PIF PASS PASS PASS PASS PASS PASS PASS PAS
-ow pass filter  Name  LP 100kHz  LP 100kHz  LP 100kHz  LP 100kHz  LP 100kHz  LP 100kHz  LP 5kHz  LP 5kHz  LP 5kHz  Reference [V]  1,000000	Range 50V 50V 50V 10V 10V 10V 10V 10V 00 00	200000 200000 200000 200000 200000 200000 200000 200000 200000	10000 50000 95000 10000 50000 95000 5000	0,00 -1,20 -13,20 0,00 -0,50 -11,00 0,00 -3,10 -40,00	Max tol. [dB] 1 1,00 2,00 2,00 1,00 2,00 1,00 2,00 3,00 Measurec 0,996	-0,05 -1,15 -13,12 -0,01 -0,43 -11,23 0,00 -3,14 -40,25	% of tol 4,53 2,71 4,05 1,46 3,73 11,40 0,17 1,77 8,29	Uncert. [dB] 5,954E-03 1,107E-02 4,124E-02 5,954E-03 1,107E-02 4,124E-02 5,954E-03 5,954E-03 1,107E-02  Uncert. [V] 3,133E-05	PIF PASS PASS PASS PASS PASS PASS PASS PAS

excitation current							
Reference [mA]	Abs tol. [mA]	Rel tol. [%]	Max tol. [mA]	Measured [mA]	% of tol	Uncert. [mA]	Dft
0,100000	0,002000	0,10	0,002100	0,100426	20,29	1,367E-03	P/F
1,000000 10,000000	0,002000	0,10	0,003000	1,000103	3,43	1,667E-03	PASS
12,000000	0,002000	0,10	0,012000	9,999336	5,54	4,666E-03	PASS
44,000000	0,050000 0,050000	0,50	0,110000	11,991108	8,08	7,330E-03	PASS
.,	5,000000	0,50	0,270000	43,968658	11,61	1,799E-02	PASS
Bridge				i i granjini setaji un garaji, s		enders and the	e district
Bridge mod	A Property of the Control of the Con	Voltage	The second control of the second con-	2	the Annual Comment of the Comment of		
Full bridg	الرزاز فيالمناهد درار فالمشاهدين فالمنتص	PASS	Balanced	Debal	anced	Shunts	P/F
Half bridg	-	PASS	PASS PASS		PASS	PASS	PASS
Quarter bridge 120 Oh	m	-	PASS		PASS	PASS	PASS
Quarter bridge 350 Oh	m	-	PASS		PASS	PASS	PASS
			17.00		PASS	PASS	PASS
unctionality tests							
		The case of the ca	Spiriture and promining in a commission of				<u> </u>
	**************************************	A Second Committee of the committee of the	San A. Patrick W. P. Dr. W. Loop and		Pingle and addition	Description	P/F
		•			Single ended/di		PASS
						TEDS	PASS

Certificate number: D00904EA5A-101016

Unit under test SIRIUS-STG
Serial number D00904EA5A
Hardware version 1.5.0.0
Firmware version 1.17

System SN D00BFFDA8B Motherboard SN D006A28C30

Slot

Procedure name SIRIUS-STG check Procedure version 4.7

Confidence level 95% (sigma 2)

Temperature 23,0 °C Humidity 45%

Performed by Loic Renaudin
Location DEWEFRANCE
Calibration date 10.10.2016 17:38:32

Calibration status PASS State As-left

#### Devices used for calibration

Company	Name	Description	Serial number	Certificate number	Due date
DEWESoft	DS-CAL 1 (V3)	Calibration board	D02FC4B6C9	1	1
FLUKE	5520A	Calibrator	7080211	1594241	15.02.2017
Agilent	34401A	Multimeter	3146A27101	155413	03.12.2016

Analog input ac	curacy								
Range	SR [Hz]	Reference [V]	Abs tol. [V]	Rel tol. [%]	Max tol. [V]	Measured [V]	% of tol	Uncert. [V]	P/F
50V Dual core	10000	-49,000000	0,010000	0,05	0,034500	-49,000633	1,84	8,000E-04	PASS
50V Dual core	10000	-2,450000	0,010000	0,05	0,011225	-2,449911	0,79	2,244E-05	PASS
50V Dual core	10000	0,000000	0,010000	0,05	0,010000	0,000102	1,02	7,752E-07	PASS
50V Dual core	10000	2,450000	0,010000	0,05	0,011225	2,450089	0,79	2,244E-05	PASS
50V Dual core	10000	49,000000	0,010000	0,05	0,034500	49,000731	2,12	8,000E-04	PASS
50V	10000	-49,000000	0,020000	0,05	0,044500	-49,002603	5,85	8,000E-04	PASS
50V	10000	0,000000	0,020000	0,05	0,020000	-0,001868	9,34	7,752E-07	PASS
50V	10000	49,000000	0,020000	0,05	0,044500	48,998761	2,78	8,000E-04	PASS
10V Dual core	2000	-9,800000	0,001000	0,05	0,005900	-9,800078	1,32	1,067E-04	PASS
10V Dual core	10000	-9,800000	0,001000	0,05	0,005900	-9,800208	3,53	1,067E-04	PASS
10V Dual core	50000	-9,800000	0,001000	0,05	0,005900	-9,799917	1,41	1,067E-04	PASS
10V Dual core	100000	-9,800000	0,001000	0,05	0,005900	-9,799928	1,22	1,067E-04	PASS
10V Dual core	200000	-9,800000	0,001000	0,05	0,005900	-9,799946	0,92	1,067E-04	PASS
10V Dual core	2000	-0,490000	0,001000	0,05	0,001245	-0,489953	3,78	5,729E-08	PASS
10V Dual core	10000	-0,490000	0,001000	0,05	0,001245	-0,489957	3,47	5,729E-06	PASS
10V Dual core	50000	-0,490000	0,001000	0,05	0,001245	-0,489936	5,15	5,729E-06	PASS
10V Dual core	100000	-0,490000	0,001000	0,05	0,001245	-0,489929	5,73	5,729E-06	PASS
10V Dual core	200000	-0,490000	0,001000	0,05	0,001245	-0,489930	5,61	5,729E-06	PASS
10V Dual core	2000	0,000000	0,001000	0,05	0,001000	0,000050	4,97	7,752E-07	PASS
10V Dual core	10000	0,000000	0,001000	0,05	0,001000	0,000049	4,88	7,752E-07	PASS
10V Dual core	50000	0,000000	0,001000	0,05	0,001000	0,000045	4,45	7,752E-07	PASS
10V Dual core	100000	0,000000	0,001000	0,05	0,001000	0,000049	4,90	7,752E-07	PASS
10V Dual core	200000	0,000000	0,001000	0,05	0,001000	0,000049	4,92	7,752E-07	PASS
10V Dual core	2000	0,490000	0,001000	0,05	0,001245	0,490044	3,53	5,729E-06	PASS
10V Dual core	10000	0,490000	0,001000	0,05	0,001245	0,490050	3,98	5,729E-06	PASS
10V Dual core	50000	0,490000	0,001000	0,05	0,001245	0,490003	0,22	5,729E-06	PASS
10V Dual core	100000	0,490000	0,001000	0,05	0,001245	0,490008	0,61	5,729E-06	PASS
10V Dual core	200000	0,490000	0,001000	0,05	0,001245	0,490009	0,69	5,729E-06	PASS
10V Dual core	2000	9,800000	0,001000	0,05	0,005900	9,799989	0,19	1,067E-04	PASS
10V Dual core 10V Dual core	10000	9,800000	0,001000	0,05	0,005900	9,800110	1,86	1,067E-04	PASS
	50000	9,800000	0,001000	0,05	0,005900	9,799710	4,92	1,067E-04	PASS
10V Dual core 10V Dual core	100000	9,800000	0,001000	0,05	0,005900	9,799706	4,99	1,067E-04	PASS
10V Dual core	200000 2000	9,800000 -9,800000	0,001000	0,05 0,05	0,005900	9,799712	4,89	1,067E-04	PASS
10V 10V	10000	-9,800000	0,002000 0,002000	0,05	0,006900 0,006900	-9,800590 -9,800694	8,55	1,067E-04	PASS
10V	50000	-9,800000	0,002000	0,05	0,006900	-9,800443	10,06 6,42	1,067E-04	PASS
10V	100000	-9,800000	0,002000		0,006900		•	1,067E-04	PASS
10V		-9,800000	•	0,05		-9,800492	7,14	1,067E-04	PASS
10V	200000 2000	-9,800000	0,002000 0,002000	0,05 0,05	0,006900 0,002000	-9,800514 -0,000462	7,45	1,067E-04	PASS
10V	10000	0,000000	0,002000	0,05	0,002000	-0,000462	23,10 21,85	7,752E-07	PASS PASS
10V	50000	0,000000	•	0,05	•	•	•	7,752E-07	
10V	100000	0,000000	0,002000 0,002000	0,05 0,05	0,002000 0,002000	-0,000481 -0,000516	24,07	7,752E-07	PASS
10V	200000	0,000000	0,002000	0,05 0,05	0,002000	-0,000516	25,78 25,97	7,752E-07 7,752E-07	PASS PASS
100	200000	0,000000	0,002000	0,00	0,002000	-0,000019	20,97	1,15ZE-01	rass.

Certificate number: D00904EA5A-101016



en e	, .								
Range	SR [Hz]	Reference [V]	Abs tol. [V]	Rel tol. [%]	Max tol. [V]	Measured [V]	% of tol	Uncert. [V]	P/F
10V	2000	9,800000	0,002000	0,05	0,006900	9,799477	7,58	1,067E-04	PASS
10V	10000	9,800000	0,002000	0,05	0,006900	9,799624	5,44	1,067E-04	PASS
10V	50000	9,800000	0,002000	0,05	0,006900	9,799184	11,82	1,067E-04	PASS
10V	100000	9,800000	0,002000	0,05	0,006900	9,799141	12,45	1,067E-04	PASS
10V	200000	9,800000	0,002000	0,05	0,006900	9,799143	12,42	1,067E-04	PASS
1V Dual core	10000	-0,980000	0,000200	0,05	0,000690	-0,980033	4.80	9,907E-06	PASS
1V Dual core	10000	-0,049000	0,000200	0,05	0,000225	-0,048994	2,57	1,535E-06	PASS
1V Dual core	10000	0,000000	0,000200	0,05	0,000200	0,000006	2,88	7,752E-07	PASS
1V Dual core	10000	0,049000	0,000200	0,05	0,000225	0.049005	2,42	1,535E-06	PASS
1V Dual core	10000	0,980000	0,000200	0,05	0,000690	0,979984	2,38	9,907E-06	PASS
1V	10000	-0,980000	0,000200	0,05	0,000690	-0,980086	12,41	9,907E-06	PASS
1V	10000	0,000000	0,000200	0,05	0,000200	-0,000047			PASS
1V 1V	10000		· · · · · · · · · · · · · · · · · · ·				23,36	7,752E-07	
		0,980000	0,000200	0,05	0,000690	0,979931	9,99	9,907E-06	PASS
0.1V Dual core	10000	-0,098000	0,000100	0,05	0,000149	-0,098002	1,58	2,295E-06	PASS
0.1V Dual core	10000	-0,004900	0,000100	0,05	0,000102	-0,004899	0,81	8,512E-07	PASS
0.1V Dual core	10000	0,000000	0,000100	0,05	0,000100	0,000001	1,35	7,752E-07	PASS
0.1V Dual core	10000	0,004900	0,000100	0,05	0,000102	0,004902	1,65	8,512E-07	PASS
0.1V Dual core	10000	0,098000	0,000100	0,05	0,000149	0,098003	1,99	2,295E-06	PASS
0.1V	10000	-0,098000	0,000100	0,05	0,000149	-0,098008	5,13	2,295E-06	PASS
0,1V	10000	0,000000	0,000100	0,05	0,000100	-0,000004	3,95	7,752E-07	PASS
0.1V	10000	0,098000	0,000100	0,05	0,000149	0,097998	1,56	2,295E-06	PASS
				•	,	•••••	.,	<b>-,-</b>	
SNR									
Range	1971 M. N. 18	SR [Hz]	Typical	[dB]	Max tol. [dB]	Measure	a rapt	% of tal	DIE
50V Dual con		2000	Typical			weasure		% of tol	P/F
				123,0	12,0		126,1	0,00	PASS
50V Dual con		10000		118,0	12,0		120,3	0,00	PASS
50V Dual con		50000		111,0	12,0		113,6	0,00	PASS
50V Dual con		100000		108,0	12,0		110,8	0,00	PASS
50)		2000		108,0	12,0		109,6	0,00	PASS
501	V	10000		108,0	12,0		109,2	0,00	PASS
501	V	50000		106,0	12,0		107,8	0,00	PASS
50	V	100000		104,0	12,0		104,6	0,00	PASS
10V Dual con	е	2000		128,0	12,0		131,2	0,00	PASS
10V Dual con	е	10000		, 125,0	12,0		126,6	0,00	PASS
10V Dual cor		50000		119,0	12,0		120,5	0,00	PASS
10V Dual cor		100000		116,0			•		
107 Edai col		2000			12,0		117,5	0,00	PASS
				108,0	12,0		109,6	0,00	PASS
10'		10000		107,0	12,0		109,4	0,00	PASS
10'		50000		107,0	12,0		108,7	0,00	PASS
101		100000		104,0	12,0		105,5	0,00	PASS
1V Dual cor	е	2000		119,0	12,0		121,5	0,00	PASS
1V Dual con	e	10000	:	113,0	12,0		114,7	0,00	PASS
1V Dual con	e	50000		106,0	12,0		107,8	0,00	PASS
1V Dual cor	е	100000		103,0	12,0		104,9	0,00	PASS
1'	V	2000		108,0	12,0		109,4	0,00	PASS
1'	v	10000		107,0	12,0		108,4	0,00	PASS
1'		50000		104,0	12,0		105,3	0,00	PASS
1'		100000		101,0					
					12,0		102,4	0,00	PASS
0.1V Dual cor		2000		102,0	12,0		109,9	0,00	PASS
0.1V Dual cor		10000		100,0	12,0		103,0	0,00	PASS
0.1V Dual con		50000		94,0	12,0		96,0	0,00	PASS
0.1V Dual cor	е	100000		92,0	12,0		93,0	0,00	PASS
0.1	V	2000		102,0	12,0		106,9	0,00	PASS
0.1	٧	10000		100,0	12,0		102,2	0,00	PASS
0.1	٧	50000		94,0	12,0		95,8	0,00	PASS
0.1	٧	100000		91,0	12,0		92,9	0,00	PASS
								<u> </u>	
Low pass filter									
Company of the first think the contract of the	Dan	CD ru-1	Fraguescu (U-1	Tunion! Idea	Mov tol 1401 -	Money real rules	(a) _==1	linear Fact	- Const
Name	Range	SR [Hz]	Frequency [Hz]	Typical [dB]		Measured [dB]	% of tol	Uncert. [dB]	PJF
LP 100kHz	50V	200000	10000	0,00	1,00	-0,05	4,74	5,954E-03	PASS
LP 100kHz	50V	200000	50000	-1,20	2,00	-1,22	0,89	1,107E-02	PASS
LP 100kHz	50∨	200000	95000	-13,20	2,00	-13,37	8,55	4,124E-02	PASS
LP 100kHz	10V	200000	10000	0,00	1,00	-0,02	1,67	5,954E-03	PASS
LP 100kHz	10V	200000	50000	-0,50	2,00	-0,50	0,16	1,107E-02	PASS
LP 100kHz	10V	200000	95000	-11,00	2,00	-11,47	23,61	4,124E-02	PASS
LP 5kHz	10V	200000	500	0,00	1,00	0,00	0,03	5,954E-03	PASS
LP 5kHz	10V	200000	5000	-3,10	2,00	-3,08	0,84	5,954E-03	PASS
LP 5kHz	10V	200000	50000	-40,00	3,00	-40,34	11,18	1,107E-02	PASS
		_,,,,,			-,	,0,0 1	11,13	.,.+. L ++	. , .50
Excitation voltage						\$7.00 <u>(45.00</u> )			
magnetic transport and approximation of the control		o tol Ba	Dollar ro/s	58 4-1 PL		DA	0/ AF4-1		The second secon
Reference [V]	Ab	s tol. [V]	Rei toi. [%]	Max tol, [V]	Measur	ed [A]	% of tol	Uncert. [V]	P/F
		0.00000							
1,000000		0,002000	0,05	0,002500		99914	3,44	3,133E-05	PASS
5,000000		0,002000	0,05	0,004500	4,9	99811	4,20	1,500E-04	PASS
5,000000 10,000000		0,002000 0,002000	0,05 0,05	0,004500 0,007000	4,9 9,9	999811 999567	<b>4,20</b> 6,19		PASS PASS
5,000000		0,002000	0,05	0,004500	4,9 9,9	99811	4,20	1,500E-04	PASS

0,100000	Abs tol. [mA]	Rel tol. [%]	Max tol. [mA]	Measured [mA]	% of tol	Uncert. [mA]	P/
1,000000	0,002000	0,10	0,002100	0,100646	30,76	1,367E-03	PAS
10,000000	0.002000	0,10	0,003000	1,000616	20,54	1,667E-03	PAS
12,000000	0,002000	0,10	0,012000	9,998945	8,79	4,666E-03	PAS
44,000000	0,050000 0,050000	0,50	0,110000	11,998775	1,11	7,333E-03	PAS
,000000	0,050000	0,50	0,270000	43,958062	15,53	1,799E-02	PASS
dge Bridge mod	le	Voltage	Balanced				
Bridge mod	化磺胺基甲磺基甲基苯甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲	Voltage	Balanced	Debak	to the banded done and a second contract to the page	Shunts	P/F
<b>Bridge mo</b> c Full brid Half brid	ge ge	Voltage PASS PASS	PASS		PASS	PASS	PASS
<b>Bridge m</b> oc Full brid Half bride Quarter bridge 120 Oh	ge ge m	PASS	PASS PASS		PASS PASS	PASS PASS	P/F PASS PASS
<b>Bridge mo</b> c Full brid Half brid	ge ge m	PASS	PASS PASS PASS		PASS PASS PASS	PASS PASS PASS	PASS PASS PASS
Bridge mod Full brid Half bridg Quarter bridge 120 Oh Quarter bridge 350 Oh	ge ge m	PASS	PASS PASS		PASS PASS	PASS PASS	PASS PASS PASS
<b>Bridge m</b> oc Full brid Half bride Quarter bridge 120 Oh	ge ge m	PASS	PASS PASS PASS		PASS PASS PASS	PASS PASS PASS	PASS PASS

Certificate number: D00904EA5A-101016

TEDS

PASS

Certificate number: D00904EA5B-101016

Unit under test SIRIUS-STG Serial number D00904EA5B Hardware version 1.5.0.0

Firmware version 1.17 System SN D00BFFDA8B Motherboard SN D006A28C30

Slot

Procedure name SIRIUS-STG check Procedure version

4.7

Confidence level 95% (sigma 2) Temperature 23,0 °C Humidity 45%

Performed by Loic Renaudin Location **DEWEFRANCE** Calibration date 10.10.2016 17:38:35

Calibration status PASS State As-left

Analog input accuracy

#### Devices used for calibration

Company	Name	Description	Serial number	Certificate number	Due date
DEWESoft	DS-CAL 1 (V3)	Calibration board	D02FC4B6C9	'	/
FLUKE	5520A	Calibrator	7080211	1594241	15.02.2017
Agilent	34401A	Multimeter	3146A27101	155413	03.12.2016

Arrenog minut alc	curacy							<b>请说是</b>	
Range	SR [Hz]	Reference [V]	Abs tol. [V]	Rel tol. [%]	Max toi. [V]	Measured [V]	% of tol	112.22.23.8.4	371 3272
50V Dual core	10000	-49,000000	0,010000	0.05	0,034500	-48,999229		Uncert. [V]	P/F
50V Dual core	10000	-2,450000	0,010000	0,05	0,011225	-2,450049	2,24	8,000E-04	PASS
50V Duai core	10000	0,000000	0,010000	0,05	0,010000	-0,000065	0,44	2,244E-05	PASS
50V Dual core	10000	2,450000	0,010000	0,05	0,011225	2,449931	0,65	7,752E-07	PASS
50V Dual core	10000	49,000000	0,010000	0,05	0,034500	48,999613	0,62	2,244E-05	PASS
50V	10000	-49,000000	0,020000	0,05	0,044500	-48,998943	1,12	8,000E-04	PASS
50V	10000	0,000000	0,020000	0,05	0,020000	0,000221	2,37	8,000E-04	PASS
50V	10000	49,000000	0,020000	0,05	0,044500	48,999898	1,10	7,752E-07	PASS
10V Dual core	2000	-9,800000	0,001000	0,05	0,005900	-9,799835	0,23 2,79	8,000E-04	PASS
10V Dual core	10000	-9,800000	0,001000	0,05	0,005900	-9,799943	=	1,067E-04	PASS
10V Dual core	50000	-9,800000	0,001000	0,05	0,005900	-9,799629	0,96	1,067E-04	PASS
10V Dual core	100000	-9,800000	0,001000	0,05	0,005900	-9,799629 -9,799629	6,28	1,067E-04	PASS
10V Dual core	200000	-9,800000	0,001000	0,05	0,005900	-9,799629 -9,799629	6,29	1,067E-04	PASS
10V Dual core	2000	-0,490000	0,001000	0,05	0,001245	-9,799029 -0,489972	6,28	1,067E-04	PASS
10V Dual core	10000	-0,490000	0,001000	0,05	0,001245	-0,489974	2,27	5,729E-06	PASS
10V Dual core	50000	-0,490000	0,001000	0,05	0,001245	-0,489974 -0,489954	2,07	5,729E-06	PAS\$
10V Dual core	100000	-0,490000	0,001000	0,05	0,001245	-0,489951	3,69	5,729E-06	PAS\$
10V Dual core	200000	-0,490000	0,001000	0,05	0,001245	-0,489953	3,97	5,729E-06	PASS
10V Dual core	2000	0,000000	0,001000	0,05	0,001000	0,000025	3,74	5,729E-06	PASS
10V Dual core	10000	0,000000	0,001000	0,05	0,001000		2,53	7,752E-07	PASS
10V Dual core	50000	0,000000	0,001000	0,05	0,001000	0,000025 0,000021	2,48	7,752E-07	PASS
10V Dual core	100000	0,000000	0,001000	0,05	0,001000	0,000021	2,07	7,752E-07	PASS
10V Dual core	200000	0,000000	0,001000	0,05	0,001000	0,000022	2,16	7,752E-07	PASS
10V Dual core	2000	0,490000	0,001000	0,05	0,001245		2,18	7,752E-07	PASS
10V Dual core	10000	0,490000	0,001000	0,05	0,001245	0,490014 0,490020	1,09	5,729E-06	PASS
10V Dual core	50000	0,490000	0,001000	0,05	0,001245	0,489972	1,62	5,729E-06	PASS
10V Dual core	100000	0,490000	0,001000	0,05	0,001245	0,489973	2,22	5,729E-06	PASS
10V Dual core	200000	0,490000	0,001000	0,05	0,001245		2,13	5,729E-06	PASS
10V Dual core	2000	9,800000	0,001000	0,05	0,005900	0,489975 9,799784	2,02	5,729E-06	PASS
10V Dual core	10000	9,800000	0,001000	0,05	0,005900	9,799881	3,67	1,067E-04	PASS
10V Dual core	50000	9,800000	0,001000	0,05	0,005900	9,799505	2,01	1,067E-04	PASS
10V Dual core	100000	9,800000	0,001000	0,05	0,005900		8,39	1,067E-04	PASS
10V Dual core	200000	9,800000	0,001000	0,05	0,005900	9,799498	8,51	1,067E-04	PASS
10V	2000	-9,800000	0,002000	0.05	0,006900	9,799503	8,43	1,067E-04	PASS
10V	10000	-9,800000	0,002000	0,05	0,006900	-9,799772 B 700077	3,30	1,067E-04	PASS
10V	50000	-9,800000	0,002000	0,05	0,006900	-9,799877	1,79	1,067E-04	PASS
10V	100000	-9,800000	0,002000	0,05	0.006900	-9,799605	5,73	1,067E-04	PASS
10V	200000	-9,800000	0,002000	0,05		-9,799597	5,84	1,067E-04	PASS
10V	2000	0,000000	0,002000	0,05	0,006900 0,002000	-9,799604	5,74	1,067E-04	PASS
10V	10000	0,000000	0,002000	0,05	0,002000	0,000088	4,42	7,752E-07	PASS
10V	50000	0,000000	0,002000	0,05	· ·	0,000092	4,58	7,752E-07	PASS
10V	100000	0,000000	0,002000	0,05	0,002000	0,000045	2,26	7,752E-07	PASS
10V	200000	0,000000	0,002000	0,05	0,002000	0,000054	2,70	7,752E-07	PASS
	···	-,	0,002000	0,05	0,002000	0,000047	2,37	7,752E-07	PASS

Certificate number: D00904EA5B-101016



Range	SR [Hz]	Reference [V]	Abs tol. [V]	Rel tol. [%]	Max tol. [V]	Measured [V]	% of tol	Uncert NA	D/C
10V	2000	9,800000	0,002000	0,05	0,006900	9,799847	2,22	Uncert, [V] 1,067E-04	P/F
10V	10000	9,800000	0,002000	0,05	0,006900	9,799948	0,75	1,067E-04	PASS
10V	50000	9,800000	0,002000	0,05	0,006900	9,799529	6,82	1,067E-04	PASS
10V	100000	9,800000	0,002000	0,05	0,006900	9,799530	6,81	1,067E-04	PASS
10V	200000	9,800000	0,002000	0,05	0,006900	9,799528	6,84	1,067E-04	PASS
1V Dual core	10000	-0,980000	0,000200	0,05	0,000690	-0,980004	0,57	9,907E-06	PASS
1V Dual core	10000	-0,049000	0,000200	0,05	0,000225	-0,048996	1,93	1,535E-06	PASS
1V Dual core	10000	0,000000	0,000200	0,05	0,000200	0,000005	2,35	7,752E-07	PASS
1V Dual core	10000	0,049000	0,000200	0,05	0,000225	0,049004	1,68	1,535E-06	
1V Dual core	10000	0,980000	0,000200	0,05	0,000690	0,979962	5,58	9,907E-06	PASS
1V	10000	-0,980000	0,000200	0,05	0,000690	-0,979996	0,53	9,907E-06	PASS PASS
1V	10000	0,000000	0,000200	0,05	0,000200	0,000012	6,14		
1V	10000	0,980000	0,000200	0,05	0,000690	0,979969	4,48	7,752E-07	PASS
0.1V Dual core	10000	-0,098000	0,000100	0,05	0,000149	-0,098000		9,907E-06	PASS
0.1V Dual core	10000	-0,004900	0,000100	0,05	0,000102	-0,004900	0,25	2,295E-06	PASS
0.1V Dual core	10000	0,000000	0,000100	0,05	0,000102		0,23	8,512E-07	PASS
0.1V Dual core	10000	0,004900	0,000100			0,000001	0,73	7,752E-07	PASS
0.1V Dual core	10000	0,098000		0,05	0,000102	0,004901	0,95	8,512E-07	PASS
0.1V	10000		0,000100	0,05	0,000149	0,097999	0,34	2,295E-06	PASS
0.1V	10000	-0,098000	0,000100	0,05	0,000149	-0,097999	0,88	2,295E-06	PASS
		0,000000	0,000100	0,05	0,000100	0,000002	1,67	7,752E-07	PASS
0.1V	10000	0,098000	0,000100	0,05	0,000149	0,098000	0,29	2,295E-06	PASS
SNR	200						Protest and an exercise	UF 1992	
A Commence of the Commence of	<u> </u>		<u> </u>						
Range	100000000000000000000000000000000000000	SR [Hz]	Typic	al [dB]	Max tol. [dB]	Measured [dE	3]	% of tol	P/F
50V Dual core		2000		123,0	12,0	124		0,00	PASS
50V Dual core	€	10000		118,0	12,0	118,		0,00	PASS
50V Dual core	€	50000		111,0	12,0	112		0,00	PASS
50V Dual core	3	100000		108,0	12,0	109		0,00	
50\	/	2000		108,0	12,0	109		•	PASS
50\	/	10000		108,0	12,0			0,00	PASS
50\		50000		106,0		109,		0,00	PASS
50\		100000		-	12,0	107,		0,00	PASS
10V Dual core		2000		104,0	12,0	104,		0,00	PASS
10V Dual core				128,0	12,0	131,		0,00	PASS
		10000		125,0	12,0	126,	6	0,00	PASS
10V Dual core		50000		119,0	12,0	120,	4	0,00	PASS
10V Dual core		100000		116,0	12,0	117,	5	0,00	PASS
10\		2000		108,0	12,0	109,	5	0,00	PASS
10\		10000		107,0	12,0	109,	5	0,00	PASS
10\	<i>'</i>	50000		107,0	12,0	108,		0,00	PASS
10√	/	100000		104,0	12,0	105,		0,00	PASS
1V Dual core	•	2000		119,0	12,0	121,		0,00	
1V Dual core	•	10000		113,0	12,0	114,			PASS
1V Dual core	•	50000		106,0	12,0			0,00	PASS
1V Dual core		100000		103,0		107,		0,00	PASS
1V		2000		108,0	12,0	104,		0,00	PASS
1V		10000		107,0	12,0	109,		0,00	PASS
1\		50000			12,0	108,		0,00	PASS
1۷				104,0	12,0	105,		0,00	PASS
0.1V Dual core		100000		101,0	12,0	102,		0,00	PASS
0.1V Dual core		2000		102,0	12,0	110,	ס	0,00	PASS
		10000		100,0	12,0	103,	)	0,00	PASS
0.1V Dual core		50000		94,0	12,0	96,	2	0,00	PASS
0.1V Dual core		100000		92,0	12,0	93,	2	0,00	PASS
0.1V		2000		102,0	12,0	106,9	9	0,00	PASS
0.1V		10000		100,0	12,0	102,4	4	0,00	PASS
0.1V		50000		94,0	12,0	96,	)	0,00	PASS
0.1V		100000		91,0	12,0	93, <sup>-</sup>		0,00	PASS
Grand Hardin - Grand State and	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	and the second second second						•	
Low pass filter								y a Karaja ya sa	
Name	Range	SR [Hz]	Frequency [Hz]	Typical [dB]	Max tol. [dB]	Measured [dB]	% of tol	Uncert. [dB]	100000000000000000000000000000000000000
LP 100kHz	50V	200000	10000	0,00	1,00			· · · · · · · · · · · · · · · · · · ·	P/F
LP 100kHz	50V	200000	50000	-1,20		-0,05 -1.20	5,24	5,954E-03	PASS
LP 100kHz	50V	200000	95000		2,00	-1,29	4,75	1,107E-02	PASS
LP 100kHz	10V	200000		-13,20	2,00	-13,46	12,76	4,124E-02	PASS
LP 100kHz	10V		10000	0,00	1,00	-0,02	2,01	5,954E-03	PASS
LP 100kHz		200000	50000	-0,50	2,00	-0,56	3,09	1,107E-02	PASS
	10V	200000	95000	-11,00	2,00	<del>-</del> 11,62	30,99	4,124E-02	PASS
LP 5kHz	10V	200000	500	0,00	1,00	0,00	0,17	5,954E-03	PASS
LP 5kHz	10V	200000	5000	-3,10	2,00	-3,09	0,45	5,954E-03	PASS
LP 5kHz	10V	200000	50000	-40,00	3,00	-40,19	6,30	1,107E-02	PASS
Excitation voltage		ana ay isan s							
Reference [V]	Alac	ol. [V]	Pol 4cl 30/3					Jan Gara, See Ammerica	
the state of the second distribution of the		tion to the organization of the state of the	Rel tol. [%]	Max tol. [V]	9 12 Mars 1 1 mag	emeTifficario di su usi dipli ₹	f tol	Uncert. [V]	P/F
1,000000		002000	0,05	0,002500			3,08	3,134E-05	PASS
5,000000		002000	0,05	0,004500			2,61	1,500E-04	PASS
10,000000		002000	0,05	0,007000			5,21	2,666E-04	PASS
20,000000	0,0	002000	0,05	0,012000	19,99	99668	2,77	1,000E-03	PASS

0.400000	Abs tol. [mA]	Rel tol. [%]	Max tol. [mA]	Measured [mA]	% of tol	Uncert. [mA]	P/I
0,100000	0,002000	0,10	0,002100	0,100622	29,63	1,367E-03	PAS
1,000000	0,002000	0,10	0,003000	0,999926	2,46	1,667E-03	PAS
10,000000	0,002000	0,10	0,012000	9,997518	20,68	4,666E-03	PAS
12,000000	0,050000	0,50	0,110000	11,994899	4,64	7,332E-03	PASS
44,000000	0,050000	0,50	0,270000	43,985284	5,45	1,800E-02	PASS
Bridge mod	And the first of the first work of the same and the contract of the con-	Voltage	Balanced	Debala	inced	Shunts	P/F
Full bridg		PASS	PASS		PASS	PASS	PASS
Half bridg		PASS	PASS		PASS	PASS	PASS
Quarter bridge 120 Ohi		-	PASS		PASS	PASS	PASS
Out	n	-	PASS		PASS	PASS	PASS
Quarter bridge 350 Ohi							

**Description**Single ended/differential mode

P/F PASS

PASS

TEDS

Certificate number: D00904EA5C-101016

Unit under test Serial number SIRIUS-STG D00904EA5C

Hardware version Firmware version 1.5.0.0 1.17

System SN Motherboard SN D00BFFDA8B D006A28C30

Slot

4

Procedure name

SIRIUS-STG check

Procedure version

4.7

Confidence level Temperature Humidity 95% (sigma 2) 23,0 °C 45%

Performed by Location Calibration date Loic Renaudin DEWEFRANCE 10.10.2016 17:38:39

Calibration status

PASS

State

As-left

#### Devices used for calibration

Company	Name	Description	Serial number	Certificate number	Due date
DEWESoft	DS-CAL 1 (V3)	Calibration board	D02FC4B6C9	/	1
FLUKE	5520A	Calibrator	7080211	1594241	15.02.2017
Agilent	34401A	Multimeter	3146A27101	155413	03.12.2016

Analog input accu	racy								
Range	SR [Hz]	Reference [V]	Abs tol. [V]	Rel tol. [%]	Max tol. [V]	Measured [V]	% of tol	Uncert. [V]	P/F
50V Dual core	10000	-49,000000	0,010000	0,05	0,034500	-49,000262	0,76	8,000E-04	PASS
50V Dual core	10000	-2,450000	0,010000	0,05	0,011225	-2,450437	3,89	2,244E-05	PASS
50V Dual core	10000	0,000000	0,010000	0,05	0,010000	-0,000411	4,11	7,752E-07	PASS
50V Dual core	10000	2,450000	0,010000	0,05	0,011225	2,449592	3,64	2,244E-05	PASS
50V Dual core	10000	49,000000	0,010000	0,05	0,034500	48,999920	0,23	8,000E-04	PASS
50V	10000	-49,000000	0,020000	0,05	0,044500	-49,000080	0,18	8,000E-04	PASS
50V	10000	0,000000	0,020000	0,05	0,020000	-0,000228	1,14	7,752E-07	PASS
50V	10000	49,000000	0,020000	0,05	0,044500	49,000103	0,23	8,000E-04	PASS
10V Dual core	2000	-9,800000	0,001000	0,05	0,005900	-9,800041	0,69	1,067E-04	PASS
10V Dual core	10000	-9,800000	0,001000	0,05	0,005900	-9,800150	2,54	1,067E-04	PASS
10V Dual core	50000	-9,800000	0,001000	0,05	0,005900	-9,799868	2,24	1,067E-04	PASS
10V Dual core	100000	-9,800000	0,001000	0,05	0,005900	-9,799874	2,14	1,067E-04	PASS
10V Dual core	200000	-9,800000	0,001000	0,05	0,005900	-9,799870	2,20	1,067E-04	PASS
10V Dual core	2000	-0,490000	0,001000	0,05	0,001245	-0,490078	6,28	5,729E-06	PASS
10V Dual core	10000	-0,490000	0,001000	0,05	0,001245	-0,490086	6,90	5,729E-06	PASS
10V Dua! core	50000	-0,490000	0,001000	0,05	0,001245	-0,490066	5,27	5,729E-06	PASS
10V Dual core	100000	-0,490000	0,001000	0,05	0,001245	-0,490069	5,53	5,729E-06	PASS
10V Dual core	200000	-0,490000	0,001000	0,05	0,001245	-0,490067	5,40	5,729E-06	PASS
10V Dual core	2000	0,000000	0,001000	0,05	0,001000	-0,000073	7,28	7,752E-07	PASS
10V Dual core	10000	0,000000	0,001000	0,05	0,001000	-0,000076	7,64	7,752E-07	PASS
10V Dual core	50000	0,000000	0,001000	0,05	0,001000	-0,000084	8,44	7,752E-07	PASS
10V Dual core	100000	0,000000	0,001000	0,05	0,001000	-0,000085	8,54	7,752E-07	PASS
10V Dual core	200000	0,000000	0,001000	0,05	0,001000	-0,000086	8,63	7,752E-07	PASS
10V Dual core	2000	0,490000	0,001000	0,05	0,001245	0,489921	6,34	5,729E-06	PASS
10V Dual core	10000	0,490000	0,001000	0,05	0,001245	0,489923	6,19	5,729E-06	PASS
10V Dual core	50000	0,490000	0,001000	0,05	0,001245	0,489881	9,59	5,729E-06	PASS
10V Dual core	100000	0,490000	0,001000	0,05	0,001245	0,489877	9,87	5,729E-06	PASS
10V Dual core	200000	0,490000	0,001000	0,05	0,001245	0,489878	9,76	5,729E-06	PASS
10V Dual core	2000	9,800000	0,001000	0,05	0,005900	9,799771	3,88	1,067E-04	PASS
10V Dual core	10000	9,800000	0,001000	0,05	0,005900	9,799861	2,35	1,067E-04	PASS
10V Dual core	50000	9,800000	0,001000	0,05	0,005900	9,799495	8,55	1,067E-04	PASS
10V Dual core	100000	9,800000	0,001000	0,05	0,005900	9,799489	8,67	1,067E-04	PASS
10V Dual core	200000	9,800000	0,001000	0,05	0,005900	9,799491	8,62	1,067E-04	PASS
10V	2000	-9,800000	0,002000	0,05	0,006900	-9,799990	0,15	1,067E-04	PASS
10V	10000	-9,800000	0,002000	0,05	0,006900	-9,800100	1,44	1,067E-04	PASS
10V	50000	-9,800000	0,002000	0,05	0,006900	-9,799856	2,09	1,067E-04	PASS
10V	100000	-9,800000	0,002000	0,05	0,006900	-9,799860	2,02	1,067E-04	PASS
10V	200000	-9,800000	0,002000	0,05	0,006900	-9,799864	1,97	1,067E-04	PASS
10V	2000	0,000000	0,002000	0,05	0,002000	-0,000022	1,11	7,752E-07	PASS
10V	10000	0,000000	0,002000	0,05	0,002000	-0,000026	1,31	7,752E-07	PASS
10V	50000	0,000000	0,002000	0,05	0,002000	-0,000072	3,62	7,752E-07	PASS
10V 10V	100000	0,000000	0,002000	0,05	0,002000	-0,000072	3,61	7,752E-07	PASS
107	200000	0,000000	0,002000	0,05	0,002000	-0,000081	4,04	7,752E-07	PASS

Certificate number: D00904EA5C-101016



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74	SR [Hz]	Reference [V]	Abs tol. [V]	Rel tol. [%]	Max tol. [V]	Measured [V]	% of tol	Uncert. [V]	P/F
10V 10V	2000 10000	9,800000	0,002000	0,05	0,006900	9,799822	2,58	1,067E-04	PASS
10V	50000	9,800000 9,800000	0,002000 0,002000	0,05 0,05	0,006900 0,006900	9,799911 9,799507	1,28	1,067E-04	PASS
10V	100000	9,800000	0,002000	0,05	0,006900	9,799502	7,14 7,22	1,067E-04 1,067E-04	PASS PASS
10V	200000	9,800000	0,002000	0,05	0,006900	9,799497	7,29	1,067E-04	PASS
1V Dual core	10000	-0,980000	0,000200	0,05	0,000690	-0,980033	4,75	9,907E-06	PASS
1V Dual core	10000	-0,049000	0,000200	0,05	0,000225	-0,049008	3,58	1,535E-06	PASS
1V Dual core	10000	0,000000	0,000200	0,05	0,000200	-0,000007	3,41	7,752E-07	PASS
1V Dual core	10000	0,049000	0,000200	0,05	0,000225	0,048993	3,27	1,535E-06	PASS
1V Dual core	10000	0,980000	0,000200	0,05	0,000690	0,979963	5,34	9,907E-06	PASS
1V	10000	-0,980000	0,000200	0,05	0,000690	-0,980028	4,08	9,907E-06	PASS
1V	10000	0,000000	0,000200	0,05	0,000200	-0,000002	1,09	7,752E-07	PASS
1V 0.1V Dual core	10000 10000	0,980000	0,000200	0,05	0,000690	0,979968	4,67	9,907E-06	PASS
0.1V Dual core	10000	-0,098000 -0,004900	0,000100 0,000100	0,05 0,05	0,000149 0,000102	-0,098002 -0,004901	1,19	2,295E-06	PASS
0.1V Dual core	10000	0,000000	0,000100	0,05	0,000102	0,000000	0,97 0,46	8,512E-07 7,752E-07	PASS PASS
0.1V Dual core	10000	0,004900	0,000100	0,05	0,000102	0,004900	0,25	8,512E-07	PASS
0.1V Dual core	10000	0,098000	0,000100	0,05	0,000149	0,097999	0,73	2,295E-06	PASS
0.1V	10000	-0,098000	0,000100	0,05	0,000149	-0,098001	0,88	2,295E-06	PASS
0.1V	10000	0,000000	0,000100	0,05	0,000100	0,000000	0,00	7,752E-07	PASS
0.1V	10000	0,098000	0,000100	0,05	0,000149	0,097999	0,42	2,295E-06	PASS
	RECEIVED THE	gueralia i promonente propaz	NAMES OF THE STATE	messes sommer i her state end	Service and Associations	**************************************	Tilbura yang di yawa yani tada salah	sport versalasti et la	
SNR	SSA ÁLIST	10,7 m, 5 m, 6						29 Swar 20	
Range		SR [Hz]	Typle		Max tol. [dB]	Measur		% of tol	P/F
50V Dual core		2000		123,0	12,0		125,2	0,00	PASS
50V Dual core 50V Dual core		10000		118,0	12,0		119,5	0,00	PASS
50V Dual core		50000 100000		111,0 108,0	12,0 12,0		113,0	0,00	PASS
50V Bda 60/6		2000		108,0	12,0		110,2 109,5	0,00 0,00	PASS PASS
50V		10000		108,0	12,0		109,1	0,00	PASS
50V		50000		106,0	12,0		107,6	0,00	PASS
50V		100000		104,0	12,0		104,5	0,00	PASS
10V Dual core		2000		128,0	12,0		130,8	0,00	PASS
10V Dual core		10000		125,0	12,0		126,6	0,00	PASS
10V Dual core		50000		119,0	12,0		120,5	0,00	PASS
10V Dual core		100000		116,0	12,0		117,6	0,00	PASS
10V		2000		108,0	12,0		109,5	0,00	PASS
10V		10000		107,0	12,0		109,4	0,00	PASS
10V 10V		50000		107,0	12,0		108,8	0,00	PASS
1V Dual core		100000 2000		104,0	12,0		105,6	0,00	PASS
1V Dual core		10000		119,0 113,0	12,0 12,0		121,2 114,7	0,00 0,00	PASS PASS
1V Dual core		50000		106,0	12,0		107,9	0,00	PASS
1V Dual core		100000		103,0	12,0		104,9	0,00	PASS
1V		2000		108,0	12,0		109,4	0,00	PASS
1V		10000		107,0	12,0		108,4	0,00	PASS
1V		50000		104,0	12,0		105,4	0,00	PASS
1V		100000		101,0	12,0		102,4	0,00	PASS
0.1V Dual core		2000		102,0	12,0		109,9	0,00	PASS
0.1V Dual core		10000		100,0	12,0		103,2	0,00	PASS
0.1V Dual core 0.1V Dual core		50000 100000		94,0 92,0	12,0 12,0		96,1	0,00	PASS
0.1V		2000		102,0	12,0	•	93,2 106,8	0,00	PASS
0.1V		10000		100,0	12,0	_	102,2	0,00 0,00	PASS PASS
0.1V		50000		94,0	12,0		96,0	0,00	PASS
0.1V		100000		91,0	12,0		93,1	0,00	PASS
Mark and the second second second	i	المراجع المراجع المراجع والمراجع المراجع والمراجع والمراجع المراجع والمراجع والمراجع والمراجع والمراجع والمراجع				of an Agent Miles			
Low pass filter								se designation de la company de la compa La company de la company d	
Name	Range	SR [Hz]	Frequency [Hz]	Typical [dB]	Max tol. [dB]	Measured [dB]	% of tol	Uncert. [dB]	P/F
LP 100kHz	50V	200000	10000	0,00	1,00	-0,05	5,26	5,954E-03	PASS
LP 100kHz	50V	200000	50000	-1,20	2,00	-1,30	4,93	1,107E-02	PASS
LP 100kHz	50V	200000	95000	-13,20	2,00	-13,51	15,42	4,124E-02	PASS
LP 100kHz	10V	200000	10000	0,00	1,00	-0,02	1,83	5,954E-03	PASS
LP 100kHz	10V	200000	50000	-0,50	2,00	-0,52	1,08	1,107E-02	PASS
LP 100kHz LP 5kHz	10V 10V	200000 200000	95000 500	-11,00 0.00	2,00	-11,48	24,02	4,124E-02	PASS
LP 5kHz	10V	200000	500 5000	0,00 -3,10	1,00	0,00	0,10	5,954E-03	PASS
LP 5kHz	10V 10V	200000	50000	-3,10 -40,00	2,00 3,00	-2,92 -40,10	8,87 3.48	5,954E-03	PASS
					0,00	-40,10	3,48	1,107E-02	PASS
Excitation voltage									
Reference [V]	Ab	s tol. [V]	Rel tol. [%]	Max tol. [V]	Measure	ed [V]	% of tol	Uncert. [V]	P/F
1,000000		0,002000	0,05	0,002500	and the second second	99926	2,95	3,133E-05	PASS
5,000000		0,002000	0,05	0,004500		01471	32,70	1,500E-04	PASS
10,000000		0,002000	0,05	0,007000	10,00	00188	2,69	2,667E-04	PASS
20,000000	(	0,002000	0,05	0,012000	20,00	01147	9,56	1,000E-03	PASS

Reference [mA]	Abs tol. [mA]	Rel tol. [%]	Max tol. [mA]	Measured [mA]	% of to!	Uncert, [mA]	7 7
0,100000	0,002000	0,10	0,002100	0.100484	23,06	1,367E-03	P/
1,000000	0,002000	0,10	0,003000	1.000194	6,45	1,867E-03	PA
10,000000	0,002000	0,10	0,012000	9,998104	15,80	4,666E-03	PA
12,000000	0,050000	0,50	0,110000	11,989472	9,57	7,330E-03	PA
44,000000	0,050000	0,50	0,270000	43,963015	13,70	1,799E-02	PA

Bridge				<b>3000 1988 1989 1989 1989</b>
Bridge mode	Voltage	Balanced	Debalanced	Shunts P/F
Full bridge	PASS	PASS	PASS	PASS PASS
Half bridge	PASS	PASS	PASS	PASS PASS
Quarter bridge 120 Ohm	-	PASS	PASS	PASS PASS
Quarter bridge 350 Ohm	-	PASS	PASS	PASS PASS

Functionality tests	12 12 B
Description	P/F
Single ended/differential mode	PASS
TEDS	PASS

Certificate number: D00904EA5D-101016

Unit under test SIRIUS-STG
Serial number D00904EA5D
Hardware version 1.5.0.0

Firmware version 1.17

System SN D00BFFDA8B Motherboard SN D006A28C30

Slot

Procedure name SIRIUS-STG check

Procedure version 4.7

Confidence level 95% (sigma 2)
Temperature 23,0 °C
Humidity 45%

Performed by Loic Renaudin
Location DEWEFRANCE
Calibration date 10.10.2016 17:38:42

Calibration status PASS State As-left

#### Devices used for calibration

Company	Name	Description	Serial number	Certificate number	Due date
DEWESoft	DS-CAL 1 (V3)	Calibration board	D02FC4B6C9	1	1
FLUKE	5520A	Calibrator	7080211	1594241	15.02.2017
Agilent	34401A	Multimeter	3146A27101	155413	03.12.2016

Analog input a	ccuracy								
Range	SR [Hz]	Reference [V]	Abs tol. [V]	Rel tol. [%]	Max tol. [V]	Measured [V]	% of tol	Uncert. [V]	P/F
50V Dual core	10000	-49,000000	0,010000	0,05	0,034500	-49,001580	4,58	8,000E-04	PASS
50V Dual core	10000	-2,450000	0,010000	0,05	0,011225	-2,450268	2,39	2,244E-05	PASS
50V Dual core	10000	0,000000	0,010000	0,05	0,010000	-0,000214	2,14	7,752E-07	PASS
50V Dual core	10000	2,450000	0,010000	0,05	0,011225	2,449811	1,68	2,244E-05	PASS
50V Dual core	10000	49,000000	0,010000	0,05	0,034500	49,001207	3,50	8,000E-04	PASS
50V	10000	-49,000000	0,020000	0,05	0,044500	-49,002015	4,53	8,000E-04	PASS
50V	10000	0,000000	0,020000	0,05	0,020000	-0,000650	3,25	7,752E-07	PASS
50V	10000	49,000000	0,020000	0,05	0,044500	49,000771	1,73	8,000E-04	PASS
10V Dual core	2000	-9,800000	0,001000	0,05	0,005900	-9,800150	2,55	1,067E-04	PASS
10V Dual core	10000	-9,800000	0,001000	0,05	0,005900	-9,800221	3,75	1,067E-04	PASS
10V Dual core	50000	-9,800000	0,001000	0,05	0,005900	-9,800322	5,45	1,067E-04	PASS
10V Dual core	100000	-9,800000	0,001000	0,05	0,005900	-9,800326	5,53	1,067E-04	PASS
10V Dual core	200000	-9,800000	0,001000	0,05	0,005900	-9,800341	5,78	1,067E-04	PASS
10V Dual core	2000	-0,490000	0,001000	0,05	0,001245	-0,490011	0,91	5,729E-06	PASS
10V Dual core	10000	-0,490000	0,001000	0,05	0,001245	-0,490017	1,36	5,729E-06	PASS
10V Dual core	50000	-0,490000	0,001000	0,05	0,001245	-0,490014	1,09	5,729E-06	PASS
10V Dual core	100000	-0,490000	0,001000	0,05	0,001245	-0,490012	1,00	5,729E-06	PASS
10V Dual core	200000	-0,490000	0,001000	0,05	0,001245	-0,490012	0,96	5,729E-06	PASS
10V Dual core	2000	0,000000	0,001000	0,05	0,001000	-0,000013	1,32	7,752E-07	PASS
10V Dual core	10000	0,000000	0,001000	0,05	0,001000	-0,000015	1,50	7,752E-07	PASS
10V Dual core	50000	0,000000	0,001000	0,05	0,001000	-0,000022	2,17	7,752E-07	PASS
10V Dual core	100000	0,000000	0,001000	0,05	0,001000	-0,000018	1,77	7,752E-07	PASS
10V Dual core	200000	0,000000	0,001000	0,05	0,001000	-0,000018	1,78	7,752 <b>E</b> -07	PASS
10V Dual core	2000	0,490000	0,001000	0,05	0,001245	0,489977	1,89	5,729 <b>E</b> -06	PASS
10V Dual core	10000	0,490000	0,001000	0,05	0,001245	0,489980	1,61	5,729E-06	PASS
10V Dual core	50000	0,490000	0,001000	0,05	0,001245	0,489955	3,61	5,729E-06	PASS
10V Dual core	100000	0,490000	0,001000	0,05	0,001245	0,489954	3,66	5,729E-06	PASS
10V Dual core	200000	0,490000	0,001000	0,05	0,001245	0,489960	3,21	5,729E-06	PASS
10V Dual core	2000	9,800000	0,001000	0,05	0,005900	9,799915	1,44	1,067E-04	PASS
10V Dual core	10000	9,800000	0,001000	0,05	0,005900	9,799989	0,18	1,067E-04	PASS
10V Dual core	50000	9,800000	0,001000	0,05	0,005900	9,799996	0,07	1,067E-04	PASS
10V Dual core	100000	9,800000	0,001000	0,05	0,005900	9,800006	0,10	1,067E-04	PASS
10V Dual core	200000	9,800000	0,001000	0,05	0,005900	9,800013	0,22	1,067E-04	PASS
10V	2000	-9,800000	0,002000	0,05	0,006900	-9,800256	3,71	1,067E-04	PASS
10V	10000	-9,800000	0,002000	0,05	0,006900	-9,800316	4,57	1,067E-04	PASS
10V	50000	-9,800000	0,002000	0,05	0,006900	-9,800465	6,75	1,067E-04	PASS
10V	100000	-9,800000	0,002000	0,05	0,006900	-9,800481	6,97	1,067E-04	PASS
10V 10V	200000 2000	-9,800000	0,002000	0,05	0,006900	-9,800492	7,13	1,067E-04	PASS
10V 10V	10000	0,000000	0,002000	0,05	0,002000	-0,000119	5,93	7,752E-07	PASS
		0,000000	0,002000	0,05	0,002000	-0,000109	5,47	7,752E-07	PASS
10V 10V	50000	0,000000	0,002000	0,05	0,002000	-0,000165	8,27	7,752E-07	PASS
10V 10V	100000 200000	0,000000	0,002000	0,05	0,002000	-0,000173	8,63	7,752E-07	PASS
100	200000	0,000000	0,002000	0,05	0,002000	-0,000169	8,44	7,752E-07	PASS

Certificate number: D00904EA5D-101016



Banca	OD #11-1	Aller Treftvall	1.44						
Range	SR [Hz]	Reference [V]	Abs tol. [V]	Rel tol. [%]	Max tol. [V]	Measured [V]	% of tol	Uncert. [V]	P/F
10V	2000	9,800000	0,002000	0,05	0,006900	9,799810	2,76	1,067E-04	PASS
10V	10000	9,800000	0,002000	0,05	0,006900	9,799895	1,53		
10V	50000	9,800000	0,002000	0,05	0,006900	9,799852	2,14	•	
10V	100000	9,800000	0,002000	0,05	0,006900	9,799851	2,15	1,067E-04	PASS
10V	200000	9,800000	0,002000	0,05	0,006900	9,799862	2,00	1,067E-04	PASS
1V Dual core	10000	-0,980000	0,000200	0,05	0,000690	-0,980037	5,31		
1V Dual core	10000	-0,049000	0,000200	0,05	0,000225	-0,049002		9,907E-06	PASS
1V Dual core	10000	0,000000	0,000200	0,05			0,69	1,535E-06	PASS
1V Dual core	10000	0,049000	0,000200		0,000200	-0,000002	0,79	7,752E-07	PASS
1V Dual core	10000	0,980000	•	0,05	0,000225	0,048998	1,01	1,535E-06	PASS
1V	10000		0,000200	0,05	0,000690	0,979970	4,41	9,907E-06	PASS
1V		-0,980000	0,000200	0,05	0,000690	-0,980047	6,86	9,907E-06	PASS
	10000	0,000000	0,000200	0,05	0,000200	-0,000012	6,12	7,752E-07	PASS
1V	10000	0,980000	0,000200	0,05	0,000690	0,979959	5,96	9,907E-06	PASS
0.1V Dual core	10000	-0,098000	0,000100	0,05	0,000149	-0,098004	2,47	2,295E-06	PASS
0.1V Dual core	10000	-0,004900	0,000100	0,05	0,000102	-0,004900	0,41	8,512E-07	PASS
0.1V Dual core	10000	0,000000	0,000100	0,05	0,000100	0,000000	0,03	7,752E-07	
0.1V Dual core	10000	0,004900	0,000100	0,05	0,000102	0,004900			PASS
0.1V Dual core	10000	0,098000	0,000100	0,05	0,000149		0,31	8,512E-07	PASS
0.1V	10000	-0,098000	0,000100			0,098001	0,86	2,295E-06	PASS
0.1V	10000	0,000000		0,05	0,000149	-0,098005	3,20	2,295E-06	PASS
0.1V			0,000100	0,05	0,000100	-0,000001	1,05	7,752E-07	PASS
0.10	10000	0,098000	0,000100	0,05	0,000149	0,098000	0,14	2,295E-06	PASS
SNR		97.302.000 J.Z.J.W.CO		SOM A STATE OF THE SECOND STATE OF	San Gerber & Than year and All 1995.				
I as a second control of the second control	24420 P.								7
Range		SR [Hz]	Typica	al [dB]	Max tol. [dB]	Measure	d [dB]	9/ of 4al	P.C
50V Dual core		2000	·····	123,0	12,0	weasule		% of tol	P/F
50V Dual core		10000		118,0			124,6	0,00	PASS
50V Dual core		50000		111,0	12,0		118,8	0,00	PASS
50V Dual core		100000			12,0		112,4	0,00	PASS
50V				108,0	12,0		109,6	0,00	PASS
50V		2000		108,0	12,0		109,5	0,00	PASS
		10000		108,0	12,0		108,9	0,00	PASS
50V		50000		106,0	12,0		107,3	0,00	PASS
50V		100000		104,0	12,0		104,3	0,00	PASS
10V Dual core		2000		128,0	12,0		130,5		
10V Dual core		10000		125,0	12,0			0,00	PASS
. 10V Dual core		50000		119,0			126,3	0,00	PASS
10V Dual core		100000			12,0		120,4	0,00	PASS
10V		2000		116,0	12,0		117,5	0,00	PASS
10V				108,0	12,0		109,7	0,00	PASS
		10000		107,0	12,0		109,5	0,00	PASS
10V		50000		107,0	12,0		108,7	0,00	PASS
10V		100000		104,0	12,0		105,5	0,00	PASS
1V Dual core		2000		119,0	12,0		121,3	0,00	PASS
1V Dual core		10000		113,0	12,0		114,9		
1V Dual core		50000		106,0	12,0			0,00	PASS
1V Dual core		100000		103,0			107,9	0,00	PASS
1V		2000			12,0		105,0	0,00	PASS
1V				108,0	12,0		109,5	0,00	PASS
1V 1V		10000		107,0	12,0		108,4	0,00	PASS
		50000		104,0	12,0		105,4	0,00	PASS
1V		100000		101,0	12,0		102,4	0,00	PASS
0.1V Dual core		2000		102,0	12,0		109,9	0,00	PASS
0.1V Dual core		10000		100,0	12,0		103,1	0,00	PASS
0.1V Dual core		50000		94,0	12,0		96,2	0,00	PASS
0.1V Dua! core		100000		92,0	12,0		93,3	0,00	
0.1V		2000		102,0	12,0				PASS
0.1V		10000		100,0	12,0		106,7	0,00	PASS
0.1V		50000		94,0	12,0		102,4	0,00	PASS
0.1V		100000					96,1	0,00	PASS
·		100000		91,0	12,0		93,1	0,00	PASS
Low pass filter	()-1 <sub>1</sub>	A SERVE AREA		NEVER SECTION	AN STEEL ON PAIN	Control Control		· · · · · · · · · · · · · · · · · · ·	50 g 152 s.s.
	www.com.com			\$5.47.680 <u>0000</u> .					
Name	Range		equency [Hz]	Typical [dB]	Max tol. [dB] N	leasured [dB]	% of tol	Uncert, [dB]	P/F
LP 100kHz	50V	200000	10000	0,00	1,00	-0,05	4,84	5,954E-03	PASS
LP 100kHz	50V	200000	50000	-1,20	2,00	-1,22	1,12		
LP 100kHz	50V	200000	95000	-13,20	2,00			1,107E-02	PASS
LP 100kHz	10V	200000	10000	0,00		-13,34	6,85	4,124E-02	PASS
LP 100kHz	10V	200000			1,00	-0,02	1,53	5,954E-03	PASS
LP 100kHz	10V		50000	-0,50	2,00	-0,47	1,46	1,107E-02	PASS
		200000	95000	-11,00	2,00	-11,47	23,27	4,124E-02	PASS
LP 5kHz	10V	200000	500	0,00	1,00	0,00	0,05	5,954E-03	PASS
LP 5kHz	10V	200000	5000	-3,10	2,00	-3,17	3,68	5,954E-03	PASS
LP 5kHz	10V	200000	50000	-40,00	3,00	-40,41	13,73	1,107E-02	PASS
Barry Street Commence	and the second		We was		-		1	., =-02	
Excitation voltage									
Reference [V]	Abs	tol. [V]	Rel tol. [%]	Max tol. [V]	Measured	DA	At Paris		n garage garage g
			www. 1704 · · ·	max w. IVI	weasured	IVI	% of tol	Uncert. [V]	P/F
1 (1000000				· · · · · · · · · · · · · · · · · · ·		Mark the Control of	and the second second second	and the state of t	1 1 m 3 (3.1)
1,000000 5,000000	0,	002000	0,05	0,002500	0,999	944	2,24	3,133E-05	PASS
5,000000	0, 0,	002000 002000	0,05 0,05	0,002500 0,004500	0,999 5,000	944 9483	and the second second second	Communication of the Communica	
5,000000 10,000000	0, 0, 0,	002000 002000 002000	0,05 0,05 0,05	0,002500 0,004500 0,007000	0,999 5,000 10,000	944 9483 984	2,24	3,133E-05	PASS
5,000000	0, 0, 0,	002000 002000	0,05 0,05	0,002500 0,004500	0,999 5,000	944 9483 984	2,24 10,74	3,133E-05 1,500E-04	PASS PASS

Excitation current							
Reference [mA]	Abs tol. [mA]	Rel tol. [%]	Max tol. [mA]	Measured [mA]	% of tol	Uncert, [mA]	P/F
0,100000	0,002000	0,10	0,002100	0,100594	28,29	1,367E-03	PASS
1,000000	0,002000	0,10	0,003000	1,000215	7,17	1,667E-03	PASS
10,000000	0,002000	0,10	0,012000	9,998760	10,33	4,666E-03	PASS
12,000000	0,050000	0,50	0,110000	11,984453	14,13	7,328E-03	PASS
44,000000	0,050000	0,50	0,270000	43,942835	21,17	1,798E-02	PASS
Bridge mode Full bridg	eller and the contract of the	Voltage PASS	Balanced PASS	the control of the second of the control of the second of	nced PASS	<b>S</b> hunts PASS	P/F PASS
Half bridg		PASS	PASS		PASS	PASS	PASS
Quarter bridge 120 Ohr		-	PASS		PASS	PASS	PASS
Quarter bridge 350 Ohr	n	-	PASS	F	PASS	PASS	PASS
Functionality tests							
		<del>en de la company de la compan</del>			and the second second second	Description	P/F
The second of the second of					Single ended	i/differential mode	PASS

TEDS

PASS

Certificate number: D00904EA5E-101016

Unit under test SIRIUS-STG
Serial number D00904EA5E
Hardware version 1.5.0.0
Firmware version 1.17

System SN D00BFFDA8B Motherboard SN D006A28C30

Slot

Procedure name SIRIUS-STG check

Procedure version 4.7

Confidence level 95% (sigma 2)
Temperature 23,0 °C
Humidity 45%

Performed by Loic Renaudin
Location DEWEFRANCE
Calibration date 10.10.2016 17:38:46

Calibration status PASS State As-left

#### Devices used for calibration

vioca daca ioi o	andration			And the second of the second o	and the second second second second second
Company	Name	Description	Serial number	Certificate number	Due date
DEWESoft	DS-CAL 1 (V3)	Calibration board	D02FC4B6C9	/	1
FLUKE	5520A	Calibrator	7080211	1594241	15.02.2017
Agilent	34401A	Multimeter	3146A27101	155413	03.12.2016

Analog input acc	curacy								
Range	SR [Hz]	Reference [V]	Abs tol. [V]	Rel tol. [%]	Max tol. [V]	Measured [V]	% of tol	Uncert. [V]	P/F
50V Dual core	10000	-49,000000	0,010000	0,05	0,034500	-49,000222	0,64	8,000E-04	PASS
50V Dual core	10000	-2,450000	0,010000	0,05	0,011225	-2,450502	4,47	2,244E-05	PASS
50V Dual core	10000		0,010000	0,05	0,010000	-0,000462	4,62	7,752E-07	PASS
50V Dual core	10000	2,450000	0,010000	0,05	0,011225	2,449541	4,09	2,244E-05	PASS
50V Dual core	10000	49,000000	0,010000	0,05	0,034500	48,999677	0,94	8,000E-04	PASS
50V	10000	-49,000000	0,020000	0,05	0,044500	-48,999343	1,48	8,000E-04	PASS
50V	10000	0,000000	0,020000	0,05	0,020000	0,000417	2,08	7,752E-07	PASS
50V	10000	49,000000	0,020000	0,05	0,044500	49,000557	1,25	8,000E-04	PASS
10V Dual core	2000	-9,800000	0,001000	0,05	0,005900	-9,800008	0,14	1,067E-04	PASS
10V Dual core	10000	-9,800000	0,001000	0,05	0,005900	-9,800128	2,17	1,067E-04	PASS
10V Dual core	50000	-9,800000	0,001000	0,05	0,005900	-9,800241	4,09	1,067E-04	PASS
10V Dual core	100000	•	0,001000	0,05	0,005900	-9,800234	3,97	1,067E-04	PASS
10V Dual core	200000		0,001000	0,05	0,005900	-9,800267	4,53	1,067E-04	PASS
10V Dual core	2000		0,001000	0,05	0,001245	-0,490080	6,39	5,729E-06	PASS
10V Dual core	10000	•	0,001000	0,05	0,001245	-0,490082	6,59	5,729E-06	PASS
10V Dual core	50000	•	0,001000	0,05	0,001245	-0,490083	6,65	5,729E-06	PASS
10V Dual core	100000	•	0,001000	0,05	0,001245	-0,490086	6,95	5,729E-06	PASS
10V Dual core	200000	•	0,001000	0,05	0,001245	-0,490090	7,21	5,729E-06	PASS
10V Dual core	2000	•	0,001000	0,05	0,001000	-0,000074	7,40	7,752E-07	PASS
10V Dual core	10000		0,001000	0,05	0,001000	-0,000072	7,25	7,752E-07	PASS
10V Dual core	50000	•	0,001000	0,05	0,001000	-0,000076	7,56	7,752E-07	PASS PASS
10V Dual core	100000		0,001000	0,05	0,001000	-0,000079 -0,000082	7,91 8,19	7,752E-07 7,752E-07	PASS
10V Dual core	200000	· ·	0,001000	0,05	0,001000	0,489923	6,22	5,729E-06	PASS
10V Dual core	2000		0,001000 0.001000	0,05 0,05	0,001245 0,001245	0,489926	5,93	5,729E-06 5,729E-06	PASS
10V Dual core	10000	•	0,001000	0,05 0,05	0,001245	0,489907	7,50	5,729E-06 5,729E-06	PASS
10V Dual core	50000 100000		0,001000	0,05	0,001245	0,489903	7,80 7,80	5,729E-06	PASS
10V Dual core	200000	· ·	0,001000	0,05	0,001245	0,489903	7,77	5,729E-06	PASS
10V Dual core 10V Dual core	200000		0,001000	0,05	0,001243	9,799775	3,82	1,067E-04	PASS
10V Dual core	10000		0,001000	0,05	0.005900	9,799880	2,03	1,067E-04	PASS
10V Dual core	50000	•	0,001000	0,05	0,005900	9,799938	1,05	1,067E-04	PASS
10V Dual core	100000	•	0,001000	0,05	0.005900	9,799926	1,25	1,067E-04	PASS
10V Dual core	200000		0,001000	0,05	0,005900	9,799930	1,19	1,067E-04	PASS
10V	2000		0,002000	0,05	0,006900	-9,799823	2,57	1,067E-04	PASS
10V	10000	•	0,002000	0,05	0,006900	-9,799944	0,81	1,067E-04	PASS
10V	50000	,	0,002000	0,05	0,006900	-9,800097	1,41	1,067E-04	PASS
10V	100000		0,002000	0.05	0,006900	-9,800088	1,27	1,067E-04	PASS
10V	200000	·	0,002000	0,05	0,006900	-9,800110	1,59	1,067E-04	PASS
10V	2000	•	0,002000	0,05	0,002000	0,000111	5,56	7,752E-07	PASS
10V	10000	0,000000	0,002000	0,05	0,002000	0,000111	5,56	7,752E-07	PASS
10V	50000	0,00000	0,002000	0,05	0,002000	0,000069	3,43	7,752E-07	PASS
10V	100000		0,002000	0,05	0,002000	0,000067	3,36	7,752E-07	PASS
10V	200000	0,000000	0,002000	0,05	0,002000	0,000076	3,79	7,752E-07	PASS

Certificate number: D00904EA5E-101016

**DEWESoft®** 

measurement innovation

Range	SR [Hz]	Reference [V]	Abs tol. [V]	Rel tol. [%]	Max tol. [V]	Measured [V]	% of tol	Uncert. [V]	P/F
10V	2000	9,800000	0,002000	0,05	0,006900	9,799960	0,58	1,067E-04	PASS
						•			PASS
10V	10000	9,800000	0,002000	0,05	0,006900	9,800064	0,92	1,067E-04	
10V	50000	9,800000	0,002000	0,05	0,006900	9,800082	1,19	1,067E-04	PASS
10V	100000	9,800000	0,002000	0,05	0,006900	9,800073	1,05	1,067E-04	PASS
10V	200000	9,800000	0,002000	0,05	0,006900	9,800087	1,27	1,067E-04	PASS
1V Dual core	10000	-0,980000	0,000200	0,05	0,000690	-0,980024	3,52	9,907E-06	PASS
1V Dual core	10000	-0,049000	0,000200	0,05	0,000225	-0,049007	3,02	1,535E-06	PASS
1V Dual core	10000	0,000000	0,000200	0,05	0,000200	-0,000006	3,11	7,752E-07	PASS
1V Dual core	10000	0,049000	0,000200	0,05	0,000225	0,048993	2,94	1,535E-06	PASS
1V Dual core	10000	0,980000	0,000200	0,05	0,000690	0,979961	5,63	9,907E-06	PASS
1V	10000	-0,980000	0,000200	0,05	0,000690	-0,980007	0,99	9,907E-06	PASS
1V	10000	0,000000	0,000200	0,05	0,000200	0,000011	5,62	7,752E-07	PASS
1V	10000	0,980000	0,000200	0,05	0,000690	0,979979	3,09	9,907E-06	PASS
						· · · · · · · · · · · · · · · · · · ·		-	
0.1V Dual core	10000	-0,098000	0,000100	0,05	0,000149	-0,098002	1,17	2,295E-06	PASS
0.1V Dual core	10000	-0,004900	0,000100	0,05	0,000102	-0,004901	0,86	8,512E-07	PASS
0.1V Dual core	10000	0,000000	0,000100	0,05	0,000100	0,000000	0,29	7,752E-07	PASS
0.1V Dual core	10000	0,004900	0,000100	0,05	0,000102	0,004900	0,03	8,512E-07	PASS
0.1V Dual core	10000	0,098000	0,000100	0,05	0,000149	0,098000	0,19	2,295E-06	PASS
0.1V	10000	-0,098000	0,000100	0,05	0,000149	-0,098000	0,13	2,295E-06	PASS
		-							
0.1V	10000	0,000000	0,000100	0,05	0,000100	0,000002	1,65	7,752E-07	PASS
· 0.1V	10000	0,098000	0,000100	0,05	0,000149	0,098002	1,11	2,295E-06	PASS
SNR									
	74 - 3 - 1 - T	65.71.7	/T. T. T	-1 5-153	Decided FADS	100000 Telephone	-4 F4F97	0/ 464-1	DÆ
Rang		SR [Hz]	Туріс	al [dB]	Max tol. [dB]	Measur		% of tol	P/F
50V Dual co	re	2000		123,0	12,0		126,2	0,00	PASS
50V Dual co	ire	10000		118,0	12,0		120,3	0,00	PASS
50V Dual co	re	50000		111,0	12,0		113,7	0,00	PASS
50V Dual co		100000		108,0	12,0		110,9	0,00	PASS
	DV	2000		108,0	12,0		109,6	0,00	PASS
5	OV	10000		108,0	12,0		109,2	0,00	PASS
5	OV	50000		106,0	12,0		107,8	0,00	PASS
5	OV	100000		104,0	12,0		104,7	0,00	PASS
10V Dual co	re	2000		128,0	12,0		130,9	0,00	PASS
10V Dual co		10000		125,0	12,0		126,6	0,00	PASS
									PASS
10V Dual co		50000		119,0	12,0		120,5	0,00	
10V Dual co	ore	100000		116,0	12,0		117,5	0,00	PASS
1	0V	2000		108,0	12,0		109,9	0,00	PASS
1	0V	10000		107,0	12,0		109,6	0,00	PASS
1	0V	50000		107,0	12,0		108,8	0,00	PASS
	0V			104,0	12,0		105,6	0,00	PASS
		100000							
1V Dual co		2000		119,0	12,0		121,2	0,00	PASS
1V Dual co	ore	10000		113,0	12,0		114,8	0,00	PASS
1V Dual c	ore	50000		106,0	12,0		107,9	0,00	PASS
1V Dual co	ore	100000		103,0	12,0		104,9	0,00	PASS
	1V	2000		108,0	12,0		109,6	0,00	PASS
	1V	10000		107,0	12,0		108,4	0,00	PASS
	1V	50000		104,0	12,0		105,4	00,0	PASS
	1V	100000		101,0	12,0		102,4	0,00	PASS
0.1V Dual co	ore	2000		102,0	12,0		110,0	0,00	PASS
0.1V Dual co		10000		100,0	12,0		103,0	0,00	PASS
0.1V Dual co	ore	50000		94,0	12,0		96,1	0,00	PASS
0.1V Dual o		100000		92,0	12,0		93,0	0,00	PASS
	1V	2000		102,0	12,0		107,1	0,00	PASS
0.	.1V	10000		100,0	12,0		102,2	0,00	PASS
0.	.1V	50000		94,0	12,0		95,9	0,00	PASS
0.	1V	100000		91,0	12,0		92,9	0,00	PASS
Low pass filter	AUSTRALIE						7. 1972 ASS 2015	#4938 WY23 C	
and the superior and the state of the state				waynessa a a Maria a sail.		es délatai fatte ja alai filis Tiri	en mili go e Palablanciji. P	raj (10 ki jelikoge (19 n. 19 ki). Grejenjo (1994 rejeneje je korist	i di su disci va disea co.
Name	Range	SR [Hz]	Frequency [Hz]	Typical [dB]	Max tol. [dB]	Measured [dB]	% of tol	Uncert. [dB]	P/F
LP 100kHz	50V	200000	10000	0,00	1,00	-0,05	4,85	5,954E-03	PASS
LP 100kHz	50V	200000	50000	-1,20	2,00	-1,22	0,89	1,107E-02	PASS
LP 100kHz	50V	200000	95000	-13,20	2,00	-13,32	5,75	4,124E-02	PASS
LP 100kHz	10V	200000	10000	0,00	1,00	-0,02	1,59	5,954E-03	PASS
LP 100kHz	10V	200000	50000	-0,50	2,00	-0,47	1,45	1,107E-02	PASS
LP 100kHz	10V	200000	95000	-11,00	2,00	-11,33	16,73	4,124E-02	PASS
LP 5kHz	10V	200000	500	0,00	1,00	0,00	0,05	5,954E-03	PASS
		20000		-3,10	2,00	-3,10	0,21	5,954E-03	PASS
		000000		-3.10	∠,∪0	-3,10	0,21		ことのう
LP 5kHz	10V	200000	5000					•	
LP 5kHz LP 5kHz		200000 200000	50000	-40,00	3,00	-40,29	9,54	1,107E-02	PASS
LP 5kHz	10V							•	
	10V							•	
LP 5kHz  Excitation voltage	10V 10V	200000	50000	-40,00	3,00	-40,29	9,54	1,107E-02	PASS
LP 5kHz  Excitation voltage  Reference [V]	10V 10V	200000 bs tol. [V]	50000 Rel tol. [%]	-40,00 Max tol. [V	3,00 ] Meaşui	-40,29	9,54 % of tol	1,107E-02 Uncert. [V]	PASS P/F
LP 5kHz  Excitation voltage  Reference [V] 1,000000	10V 10V	200000 bs tol. [V] 0,002000	50000 Rel tol. [%] 0,05	-40,00 Max tol. [V 0,002500	3,00 ] Measur D 1,0	-40,29 red [V] 000069	9,54 % of tol 2,78	1,107E-02 Uncert. [V] 3,134E-05	PASS P/F PASS
LP 5kHz  Excitation voltage  Reference [V]	10V 10V	200000 bs tol. [V]	50000 Rel tol. [%]	-40,00 Max tol. [V 0,002500 0,004500	3,00 <b>] Meas</b> ur 0 1,0 0 5,0	-40,29 red [V] 000069 000358	9,54 % of tol 2,78 7,96	1,107E-02 Unicert. [V] 3,134E-05 1,500E-04	PASS P/F PASS PASS
LP 5kHz  Excitation voltage  Reference [V] 1,000000	10V 10V	200000 bs tol. [V] 0,002000	50000 Rel tol. [%] 0,05	-40,00 Max tol. [V 0,002500	3,00 <b>] Meas</b> ur 0 1,0 0 5,0	-40,29 red [V] 000069	9,54 % of tol 2,78	1,107E-02 Uncert. [V] 3,134E-05	PASS P/F PASS
LP 5kHz  Excitation voltage  Reference [V]  1,000000 5,000000 10,000000	10V 10V	200000 bs tol. [V] 0,002000 0,002000 0,002000	50000  Rel tol. [%] 0,05 0,05	-40,00 Max tol. [V 0,002500 0,004500	3,00    Measure	-40,29 red [V] 000069 000358	9,54 % of tol 2,78 7,96	1,107E-02 Unicert. [V] 3,134E-05 1,500E-04	PASS P/F PASS PASS
LP 5kHz  Excitation voltage  Reference [V]  1,000000 5,000000	10V 10V	200000 bs tol. [V] 0,002000 0,002000	50000  Rel tol. [%] 0,05 0,05 0,05	-40,00 Max tol. [V 0,002500 0,004500 0,007000	3,00    Measure	-40,29 red [V] 000069 000358 000259	9,54 % of tol 2,78 7,96 3,70	1,107E-02 Uncert. [V] 3,134E-05 1,500E-04 2,667E-04	PASS PASS PASS PASS

Excitation current							
Reference [mA]	Abs tol. [mA]	Rel tol. [%]	Max tol. [mA]	Measured [mA]	% of tol	Uncert. [mA]	P/F
0,100000	0,002000	0,10	0,002100	0,100553	26,34	1,367E-03	PASS
1,000000	0,002000	0,10	0,003000	1,000082	2,72	1,667E-03	PASS
10,000000	0,002000	0,10	0,012000	10,001890	15,75	4,667E-03	PASS
12,000000	0,050000	0,50	0,110000	11,983850	14,68	7,328E-03	PASS
44,000000	0,050000	0,50	0,270000	43,931356	25,42	1,798E-02	PASS

Bridge				
Bridge mode	Voltage	Balanced	Debalanced	Shunts P/F
Full bridge	PASS	PASS	PASS	PASS PASS
Half bridge	PASS	PASS	PASS	PASS PASS
Quarter bridge 120 Ohm	-	PASS	PASS	PASS PASS
Quarter bridge 350 Ohm	-	PASS	PASS	PASS PASS

Functionality tests	
Description	P/F
Single ended/differential mode	PASS
TEDS	PASS

Certificate number: D00904EA5F-101016

Unit under test Serial number SIRIUS-STG D00904EA5F

Hardware version Firmware version

1.5.0.0 1.17

System SN

1.17 D00BFFDA8B

Motherboard SN

D006A28C30

Slot

7

Procedure name

SIRIUS-STG check

Procedure version

4.7

Confidence level Temperature 95% (sigma 2) 23,0 °C

Humidity

45%

Performed by Location Loic Renaudin DEWEFRANCE

Calibration date Calibration status 10.10.2016 17:38:49

State

PASS As-left

#### Devices used for calibration

Company	Name	Description	Serial number	Certificate number	Due date
DEWESoft	DS-CAL 1 (V3)	Calibration board	D02FC4B6C9	1	1
FLUKE	5520A	Calibrator	7080211	1594241	15.02.2017
Agilent	34401A	Multimeter	3146A27101	155413	03.12.2016

Analog input acco	ıracy								
Range	SR [Hz]	Reference [V]	Abs tol. [V]	Rel tol. [%]	Max tol. [V]	Measured [V]	% of tol	Uncert. [V]	P/F
50V Dual core	10000	-49,000000	0,010000	0,05	0,034500	-49,001412	4,09	8,000E-04	PASS
50V Dual core	10000	-2,450000	0,010000	0,05	0,011225	-2,450066	0,59	2,244E-05	PASS
50V Dual core	10000	0,000000	0,010000	0,05	0,010000	-0,000005	0,05	7,752E-07	PASS
50V Dual core	10000	2,450000	0,010000	0,05	0,011225	2,450060	0,53	2,244E-05	PASS
50V Dual core	10000	49,000000	0,010000	0,05	0,034500	49,001686	4,89	8,000E-04	PASS
50V	10000	-49,000000	0,020000	0,05	0,044500	-49,002457	5,52	8,000E-04	PASS
50V	10000	0,000000	0,020000	0,05	0,020000	-0,001050	5,25	7,752E-07	PAS\$
50V	10000	49,000000	0,020000	0,05	0,044500	49,000641	1,44	8,000E-04	PASS
10V Dual core	2000	-9,800000	0,001000	0,05	0,005900	-9,800076	1,29	1,067E-04	PA\$\$
10V Dual core	10000	-9,800000	0,001000	0,05	0,005900	-9,800143	2,43	1,067E-04	PASS
10V Dual core	50000	-9,800000	0,001000	0,05	0,005900	-9,800232	3,93	1,067E-04	PASS
10V Dual core	100000	-9,800000	0,001000	0,05	0,005900	-9,800230	3,90	1,067E-04	PASS
10V Dual core	200000	-9,800000	0,001000	0,05	0,005900	-9,800249	4,22	1,067E-04	PASS
10V Dual core	2000	-0,490000	0,001000	0,05	0,001245	-0,489968	2,60	5,729E-06	PASS
10V Dual core	10000	-0,490000	0,001000	0,05	0,001245	-0,489966	2,69	5,729E-06	PASS
10V Dual core	50000	-0,490000	0,001000	0,05	0,001245	-0,489953	3,76	5,729E-06	PASS
10V Dual core	100000	-0,490000	0,001000	0,05	0,001245	-0,489953	3,80	5,729E-06	PAS\$
10V Dual core	200000	-0,490000	0,001000	0,05	0,001245	-0,489957	3,43	5,729E-06	PASS
10V Dual core	2000	0,000000	0,001000	0,05	0,001000	0,000039	3,92	7,752E-07	PASS
10V Dual core	10000	0,000000	0,001000	0,05	0,001000	0,000041	4,05	7,752E-07	PASS
10V Dual core	50000	0,000000	0,001000	0,05	0,001000	0,000049	4,85	7,752E-07	PASS
10V Dual core	100000	0,000000	0,001000	0,05	0,001000	0,000050	4,99	7,752E-07	PASS
10V Dual core	200000	0,000000	0,001000	0,05	0,001000	0,000047	4,69	7,752E-07	PASS
10V Dual core	2000	0,490000	0,001000	0,05	0,001245	0,490040	3,23	5,729E-06	PASS
10V Dual core	10000	0,490000	0,001000	0,05	0,001245	0,490047	3,78	5,729E-06	PASS
10V Dual core	50000	0,490000	0,001000	0,05	0,001245	0,490027	2,14	5,729E-06	PASS
10V Dual core	100000	0,490000	0,001000	0,05	0,001245	0,490026	2,10	5,729E-06	PASS
10V Dual core	200000	0,490000	0,001000	0,05	0,001245	0,490026	2,10	5,729E-06	PASS
10V Dual core	2000	9,800000	0,001000	0,05	0,005900	9,799992	0,13	1,067E-04	PASS
10V Dual core	10000	9,800000	0,001000	0,05	0,005900	9,800085	1,44	1,067E-04	PASS
10V Dual core	50000	9,800000	0,001000	0,05	0,005900	9,800091	1,54	1,067E-04	PASS
10V Dual core	100000	9,800000	0,001000	0,05	0,005900	9,800090	1,53	1,067E-04	PASS
10V Dual core	200000	9,800000	0,001000	0,05	0,005900	9,800085	1,43	1,067E-04	PASS
10V	2000	-9,800000	0,002000	0,05	0,006900	-9,800339	4,92	1,067E-04	PASS
10V	10000	-9,800000	0,002000	0,05	0,006900	-9,800389	5,64	1,067E-04	PASS
10V	50000	-9,800000	0,002000	0,05	0,006900	-9,800510	7,38	1,067E-04	PASS
10V	100000	-9,800000	0,002000	0,05	0,006900	-9,800529	7,66	1,067E-04	PASS
10V 10V	200000	-9,800000	0,002000	0,05	0,006900	-9,800549	7,95	1,067E-04	PASS
10V	2000 10000	0,000000	0,002000	0,05	0,002000	-0,000224	11,20	7,752E-07	PASS
		0,000000	0,002000	0,05	0,002000	-0,000206	10,28	7,752E-07	PASS
10V 10V	50000 100000	0,000000 0,00000	0,002000 0,002000	0,05 0,05	0,002000	-0,000229 -0,000249	11,45	7,752E-07	PASS
10V 10V	200000	0,000000	0,002000	0,05 0,05	0,002000 0,002000	-0,000249	12,43	7,752E-07	PASS PASS
100	200000	0,000000	0,002000	0,00	0,002000	-0,000255	12,65	7,752E-07	FAQS

measurement innovation

	05 H.								
Range	SR [Hz]	Reference [V]	Abs tol. [V]	Rel tol. [%]	Max tol. [V]	Measured [V]	% of tol	Uncert. [V]	P/F
10V	2000	9,800000	0,002000	0,05	0,006900	9,799729	3,93	1,067E-04	PASS
10V	10000	9,800000	0,002000	0,05	0,006900	9,799839	2,34	1,067E-04	PASS
10V	50000	9,800000	0,002000	0,05	0,006900	9,799813	2,71	1,067E-04	PASS
10V	100000	9,800000	0,002000	0,05	0,006900	9,799792	3,02	1,067E-04	PASS
10V	200000	9,800000	0,002000	0,05	0,006900	9,799785	3,12	1,067E-04	PASS
1V Dual core	10000	-0,980000	0,000200	0,05	0,000690	-0,980030	4,35	9,907E-06	PASS
1V Dual core	10000	-0,049000	0,000200	0,05	0,000225	-0,048997	1,37	1,535E-06	PASS
1V Dual core						•			
	10000	0,000000	0,000200	0,05	0,000200	0,000004	1,93	7,752E-07	PASS
1V Dual core	10000	0,049000	0,000200	0,05	0,000225	0,049004	1,73	1,535E-06	PASS
1V Dual core	10000	0,980000	0,000200	0,05	0,000690	0,979981	2,76	9,907E-06	PASS
1V	10000	-0,980000	0,000200	0,05	0,000690	-0,980055	7,94	9,907E-06	PASS
1V	10000	0,000000	0,000200	0,05	0,000200	-0,000021	10,45	7,752E-07	PASS
1V	10000	0,980000	0,000200	0,05	0,000690	0,979956	6,35	9,907E-06	PASS
0.1V Dual core	10000	-0,098000	0,000100	0,05	0,000149	-0,098001	1,00	2,295E-06	PASS
0.1V Dual core	10000	-0,004900	0,000100	0,05	0,000102	-0,004899	0,51	8,512E-07	PASS
0.1V Dual core	10000	0,000000	0,000100	0,05	0,000100	0,000001	1,08	7,752E-07	PASS
0.1V Dual core	10000	0,004900	0,000100	0,05	0,000102	0,004901	1,28	8,512E-07	PASS
0.1V Dual core	10000	0,098000	0,000100	0,05	0,000149	0,098001	0,94	2,295E-06	PASS
0.1V	10000	-0,098000	0,000100	0,05	0,000149	-0,098004	2,63	2,295E-06	PASS
0.1V	10000	0,000000	0,000100	0,05	0,000100	-0,000001	1,35	7,752E-07	PASS
0.1V	10000	0,098000	0,000100	0,05	0,000149	0,097999	0,68	2,295E-06	PASS
				·		·	,	•	
SNR									
Rang	<u> </u>	SR [Hz]	Typi	cal [dB]	Max tol. [dB]	Measure	ed [dB]	% of tol	P/F
50V Dual co		2000		123,0	12,0	ModSuit	124,1	0,00	PASS
50V Dual co		10000		118,0	12,0		118,8	0,00	PASS
50V Dual co		50000		111,0	12,0		112,4	0,00	PASS
50V Dual co	re	100000		108,0	12,0		109,6	0,00	PASS
50	V	2000		108,0	12,0		109,4	0,00	PASS
50	V	10000		108,0	12,0		109,0	0,00	PASS
50	)\/	50000		106,0	12,0		107,4	0,00	PASS
50		100000		104,0	12,0		104,4	0,00	PASS
				-					
10V Dual co		2000		128,0	12,0		131,4	0,00	PASS
10V Dual co	re	10000		125,0	12,0		126,7	0,00	PASS
10V Dual co:	re	50000		119,0	12,0		120,5	0,00	PASS
10V Dual co	re	100000		116,0	12,0		117,5	0,00	PAS\$
10		2000		108,0	12,0		109,7	0,00	PASS
10		10000		107,0	12,0		109,4	0,00	PASS
10									
		50000		107,0	12,0		108,7	0,00	PASS
10		100000		104,0	12,0		105,6	0,00	PASS
1V Dual co	ге	2000		119,0	12,0		121,5	0,00	PASS
1V Dual co	ге	10000		113,0	12,0		114,9	0,00	PASS
1V Dual co	ге	50000		106,0	12,0		107,8	0,00	PASS
1V Dual co		100000		103,0	12,0		105,0	0,00	PASS
	IV	2000		108,0	12,0			0,00	PASS
							109,6	•	
	IV	10000		107,0	12,0		108,5	0,00	PASS
	IV	50000		104,0	12,0		105,4	0,00	PASS
1	IV	100000		101,0	12,0		102,4	0,00	PASS
0.1V Dual co	ге	2000		102,0	12,0		109,6	0,00	PASS
0.1V Dual co	ге	10000		100,0	12,0		103,2	0,00	PASS
0.1V Dual co	ге	50000		94,0	12,0		96,3	0,00	PASS
0.1V Dual co		100000		92,0	12,0		93,3	0,00	PASS
		2000							
0.1				102,0	12,0		107,3	0,00	PASS
0.1		10000		100,0	12,0		102,3	0,00	PASS
0.1		50000		94,0	12,0		96,0	0,00	PASS
0.1	IV	100000		91,0	12,0		93,1	0,00	PASS
Section of the second section of the section of	and pullback the control	g the largery of great and a super-	2010/2012/2014/51:11:51	e in a region in the contract of the contract	silany napakannana aka	Description of the State of the	er (o. 1900), som finns at the second	entral and the second second	and programme that
Low pass filter					Carlos Services (Services)	Follows and Development	2608-9-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-		
Name	Range	SR [Hz]	Frequency [Hz]	Typical [dB]	Max tol. [dB]	Measured [dB]	% of tol	Uncert. [dB]	P/F
LP 100kHz	50V	200000	10000	0,00	1,00	-0,05	4,85	5,954E-03	PASS
LP 100kHz	50V	200000	50000	-1,20	2,00	-1,21	0,50	1,107E-02	PASS
LP 100kHz	50V	200000	95000	-13,20	2,00	-13,28	3,89	4,124E-02	PASS
LP 100kHz	10V	200000	10000	0,00	1,00	-0,02	1,54	5,954E-03	PASS
LP 100kHz	10V	200000	50000	-0,50	2,00	-0,46	1,98	1,107E-02	PASS
LP 100kHz	10V	200000	95000	-11,00	2,00	-11,42	21,06	4,124E-02	PASS
LP 5kHz	10V	200000	500	0,00	1,00	0,00	0,28	5,954E-03	PASS
LP 5kHz	10V	200000	5000	•	2,00	-3,27	8,66	5,954E-03	PASS
LP 5kHz	10V	200000	50000		3,00	-40,40	13,20	1,107E-02	PASS
LF UNIZ	100	200000	56566		5,00	-40,40	10,20	1, 107 E-02	FASS
Excitation voltage		N. 61 (150 Oct.) (150 V 20)	en e	na generalita		grangsta villa			(1771 <u>6.147</u> )
process of the contract of the	er greg greek ge	ys Angryman an manna	THE R. P. LEWIS CO., LANSING, MICH.	y nengara en <mark>g</mark> er en navegaran	The state of the s				
Reference [V]		s tol. [V]	Rel tol. [%]	Max tol. [V]	and the second second second		% of tol	Uncert, [V]	PJF
1,000000		0,002000	0,05	0,002500	) 1,	000093	3,70	3,134E-05	PASS
5,000000		0,002000	0,05	0,004500	) 4,	999956	0,97	1,500E-04	PASS
10,000000		0,002000	0,05	0,007000	10,	000094	1,34	2,667E-04	PASS

0,002000

0,05

0,012000

19,999226

6,45

20,000000

PASS

1,000E-03

Reference [mA]	Abs tol. [mA]	Rel tol. [%]	Max tol. [mA]	Measured [mA]	% of tol	Uncert. [mA]	P/F
0,100000	0,002000	0,10	0,002100	0,100624	29,73	1,367E-03	PASS
1,000000	0,002000	0,10	0,003000	1,000220	7,32	1,667E-03	PASS
10,000000	0,002000	0,10	0,012000	9,997511	20,74	4,666E-03	PASS
12,000000	0,050000	0,50	0,110000	11,989579	9,47	7,330E-03	PASS
44,000000	0,050000	0,50	0,270000	43,954487	16,86	1,798E-02	PASS
Bridge							
Bridge m	ode	Voltage	Balanced	Debal	anced	Shunts	P/F
Full b	5	PASS	PASS		PASS	PASS	PASS
Half bi	•	PASS	PASS		PASS	PASS	PASS
Quarter bridge 120 (		-	PASS		PASS	PASS	PASS
Quarter bridge 350 (	Ohm	-	PASS		PASS	PASS	PASS
Functionality tests							
	The state of the s				Circle and add	Description	P/F PASS

Excitation current

Certificate number: D00904EA60-101016

Unit under test SIRIUS-STG
Serial number D00904EA60
Hardware version 1.5.0.0
Firmware version 1.17

System SN D00BFFDA8B Motherboard SN D006A28C30

Slot

Procedure name SIRIUS-STG check

Procedure version 4.7

Confidence level 95% (sigma 2)
Temperature 23,0 °C
Humidity 45%

Performed by Loic Renaudin
Location DEWEFRANCE
Calibration date 10.10.2016 17:38:52

Calibration status PASS State As-left

#### Devices used for calibration

Company	Name	Description	Serial number	Certificate number	Due date
DEWESoft	DS-CAL 1 (V3)	Calibration board	D02FC4B6C9	in the second of	The second secon
FLUKE	5520A	Calibrator	7080211	1594241	15.02.2017
Agilent	34401A	Multimeter	3146A27101	155413	03.12.2016

Analog input ac	curacy					的是自身使用的	September 2007		
Range	SR [Hz]	Reference [V]	Abs tol, [V]	Rel tol. [%]	Max tol. [V]	Measured [V]	% of tol	Uncert. [V]	P/F
50V Dual core	10000	49,000000	0,010000	0,05	0,034500	-49,000121	0,35	8,000E-04	PASS
50V Dual core	10000	-2,450000	0.010000	0,05	0,011225	-2,450210	1,87	2,244E-05	PASS
50V Dual core	10000	0,000000	0,010000	0,05	0,010000	-0,000230	2,30	7,752E-07	PASS
50V Dual core	10000	2,450000	0,010000	0,05	0,011225	2,449757	2,16	2,244E-05	PASS
50V Dual core	10000	49,000000	0,010000	0,05	0,034500	48,999848	0,44	8,000E-04	PASS
50V	10000	-49,000000	0,020000	0,05	0.044500	-49,000769	1,73	8,000E-04	PASS
50V	10000	0,000000	0,020000	0,05	0,020000	-0,000879	4,39	7,752E-07	PASS
50V	10000	49,000000	0,020000	0.05	0,044500	48,999199	1.80	8,000E-04	PASS
10V Dual core	2000	-9,800000	0,001000	0,05	0,005900	-9,800099	1,68	1,067E-04	PASS
10V Dual core	10000	-9,800000	0,001000	0,05	0,005900	-9,800173	2,94	1,067E-04	PASS
10V Dual core	50000	-9,800000	0,001000	0,05	0,005900	-9,800307	5,21	1,067E-04	PASS
10V Dual core	100000	-9,800000	0,001000	0,05	0,005900	-9,800301	5,10	1,067E-04	PASS
10V Dual core	200000	-9,800000	0,001000	0,05	0,005900	-9,800325	5,51	1,067E-04	PASS
10V Dual core	2000	-0,490000	0,001000	0,05	0,001245	-0,490036	2,91	5,729E-06	PASS
10V Dual core	10000	-0,490000	0,001000	0,05	0,001245	-0,490043	3,45	5,729E-06	PASS
10V Dual core	50000	-0,490000	0,001000	0,05	0,001245	-0,490045	3,61	5,729E-06	PASS
10V Dual core	100000	-0,490000	0,001000	0,05	0,001245	-0,490044	3,54	5,729E-06	PASS
10V Dual core	200000	-0,490000	0,001000	0,05	0,001245	-0,490043	3,48	5,729E-06	PASS
10V Dual core	2000	0,000000	0,001000	0,05	0,001000	-0,000036	3,59	7,752E-07	PASS
10V Dual core	10000	0,000000	0,001000	0,05	0,001000	-0,000037	3,72	7,752E-07	PASS
10V Dual core	50000	0,000000	0,001000	0,05	0,001000	-0,000048	4,82	7,752E-07	PASS
10V Dual core	100000	0,000000	0,001000	0,05	0,001000	-0,000048	4,79	7,752E-07	PASS
10V Dual core	200000	0,000000	0,001000	0,05	0,001000	-0,000049	4,90	7,752E-07	PASS
10V Dual core	2000	0,490000	0,001000	0,05	0,001245	0,489956	3,53	5,729E-06	PASS
10V Dual core	10000	0,490000	0,001000	0,05	0,001245	0,489956	3,54	5,729E-06	PASS
10V Dual core	50000	0,490000	0,001000	0,05	0,001245	0,489928	5,77	5,729E-06	PASS
10V Dual core	100000	0,490000	0,001000	0,05	0,001245	0,489930	5,59	5,729E-06	PASS
10V Dual core	200000	0,490000	0,001000	0,05	0,001245	0,489933	5,42	5,729E-06	PASS
10V Dual core	2000	9,800000	0,001000	0,05	0,005900	9,799882	1,99	1,067E-04	PASS
10V Dual core	10000	9,800000	0,001000	0,05	0,005900	9,799959	0,69	1,067E-04	PASS
10V Dual core	50000	9,800000	0,001000	0,05	0,005900	9,799977	0,39	1,067E-04	PASS
10V Dual core	100000	9,800000	0,001000	0,05	0,005900	9,799970	0.51	1,067E-04	PASS
10V Dual core	200000	9,800000	0,001000	0,05	0,005900	9,799974	0,45	1,067E-04	PASS
10V	2000	-9,800000	0,002000	0,05	0,006900	-9,800274	3,97	1,067E-04	PASS
10V	10000	-9,800000	0,002000	0,05	0,006900	-9,800328	4,75	1,067E-04	PASS
10V	50000	-9,800000	0,002000	0,05	0,006900	-9,800500	7,25	1,067E-04	PASS
10V	100000	-9,800000	0,002000	0,05	0,006900	-9,800506	7,34	1,067E-04	PASS
10V	200000	-9,800000	0,002000	0,05	0,006900	-9,800540	7,83	1,067E-04	PASS
10V	2000	0,000000	0,002000	0,05	0,002000	-0,000211	10,53	7,752E-07	PASS
10V	10000	0,000000	0,002000	0,05	0,002000	-0,000192	9,59	7,752E-07	PASS
10V	50000	0,000000	0,002000	0,05	0,002000	-0,000241	12,06	7,752E-07	PASS
10V	100000	0,000000	0,002000	0,05	0,002000	-0,000253	12,65	7,752E-07	PASS
10V	200000	0,000000	0,002000	0,05	0,002000	-0,000264	13,20	7,752E-07	PASS

Certificate number: D00904EA60-101016



Range	SR [Hz]	Reference [V]	Abs tol. [V]	Rei tol. [%]	Max tol. [V]	Measured [V]	% of tol	Uncert. [V]	P/F
10V	2000	9,800000	0,002000	0,05	0,006900	9,799708	4,24	1,067E-04	PASS
10V	10000	9,800000	0,002000	0,05	0,006900	9,799804	2,83	1,067E-04	PASS
10V	50000	•		0,05					
		9,800000	0,002000		0,006900	9,799784	3,13	1,067E-04	PASS
10V	100000	9,800000	0,002000	0,05	0,006900	9,799765	3,41	1,067E-04	PASS
10V	200000	9,800000	0,002000	0,05	0,006900	9,799759	3,50	1,067E-04	PASS
1V Dual core	10000	-0,980000	0,000200	0,05	0,000690	-0,980032	4,65	9,907E-06	PASS
1V Dual core	10000	-0,049000	0,000200	0,05	0,000225	-0,049004	2,00	1,535E-06	PASS
1V Dual core	10000	0,000000	0,000200	0,05	0,000200	-0,000004	1,97	7,752E-07	PASS
1V Dual core	10000	0,049000	0,000200	0,05	0,000225	0,048996	1,87	1,535E-06	PASS
1V Dual core	10000	0,980000	0,000200	0,05	0,000690	0,979971	4,18	9,907E-06	PASS
1V	10000	-0,980000	0,000200	0,05	0,000690	-0,980051	7,32	9,907E-06	PASS
1V	10000	0,000000	0,000200	0,05	0,000200	-0,000022	11,19	7,752E-07	PASS
1V	10000	0,980000	0,000200	0,05	0,000690	0,979953	6,85	9,907E-06	PASS
0.1V Dual core	10000	-0,098000	0,000100	0,05	0,000149	-0,098002	1,17	2,295E-06	PASS
0.1V Dual core	10000	-0,004900	0,000100	0,05	0,000102	-0,004900	0,48	8,512E-07	PASS
0.1V Dual core	10000	0,000000	0,000100	0,05	0,000102	0,000000	0,04	7,752E-07	PASS
0.1V Dual core	10000	0,004900	0,000100	0,05	0,000102	0,004900	0,13	8,512E-07	PASS
0.1V Dual core	10000	0,098000	0,000100	0,05	0,000149	0,098000	0,09	2,295E-06	PASS
0.1V	10000	-0,098000	0,000100	0,05	0,000149	-0,098004	2,44	2,295E-06	PASS
0.1V	10000	0,000000	0,000100	0,05	0,000100	-0,000002	1,93	7,752E-07	PASS
0.1V	10000	0,098000	0,000100	0,05	0,000149	0,097998	1,35	2,295E-06	PASS
Wathres example con stress in	Contract with a contract	e walker of the control of the above in the	for fall of Manageria North and the engine and least	Supermitted of systems with a rest of consultation of the systems.	rieniosantes dels en la via decora	251 3 1 Hill Hill 1 Hill 1 Hill 2 Avil.	Serveri Kriedin St. e. i Alam mission	. 11 - 27/2	. m to or . st two fi
SNR									
Rang	ie	SR [Hz]	Typica	al [dB]	Max tol. [dB]	Measure	d (dB)	% of tol	P/F
50V Dual co		2000	Substitute State (1980)	123,0	12,0		125,6	0,00	PASS
50V Dual co		10000		118,0	12,0		119,6	0,00	PASS
		50000							
50V Dual co				111,0	12,0		113,0	0,00	PASS
50V Dual co		100000		108,0	12,0		110,3	0,00	PASS
	)V	2000		108,0	12,0		109,7	0,00	PASS
50	)V	10000		108,0	12,0		109,0	0,00	PASS
50	)V	50000		106,0	12,0		107,5	0,00	PASS
50	)V	100000		104,0	12,0		104,5	0,00	PASS
10V Dual co	re	2000		128,0	12,0		130,5	0,00	PASS
10V Dual co	re	10000		125,0	12,0		126,2	0,00	PASS
10V Dual co	ге	50000		119,0	12,0		120,3	0,00	PASS
' 10V Dual co		100000		116,0	12,0		117,5	0,00	PASS
	ov	2000		108,0	12,0		109,8	0,00	PASS
	ov OV	10000		107,0	12,0		109,4	0,00	PASS
							•	-	
	)V	50000		107,0	12,0		108,7	0,00	PASS
	OV.	100000		104,0	12,0		105,6	0,00	PASS
1V Dual co		2000		119,0	12,0		121,3	0,00	PASS
1V Dual co	ге	10000		113,0	12,0		114,7	0,00	PASS
1V Dual co	ге	50000		106,0	12,0		107,9	0,00	PASS
1V Dual co	re	100000		103,0	12,0		105,0	0,00	PASS
				100.0					
	1V	2000		100,0	12,0		109,6	0,00	PASS
				108,0 107,0					
	1V	10000		107,0	12,0		108,4	0,00	PASS
	1V 1V	10000 50000		107,0 104,0	12,0 12,0		108,4 105,4	0,00 0,00	PASS PASS
	1V 1V 1V	10000 50000 100000		107,0 104,0 101,0	12,0 12,0 12,0		108,4 105,4 102,3	0,00 0,00 0,00	PASS PASS PASS
0.1V Dual co	1V 1V 1V ere	10000 50000 100000 2000		107,0 104,0 101,0 102,0	12,0 12,0 12,0 12,0		108,4 105,4 102,3 109,9	0,00 0,00 0,00 0,00	PASS PASS PASS PASS
0.1V Dual co 0.1V Dual co	1V 1V 1V ere	10000 50000 100000 2000 10000		107,0 104,0 101,0 102,0 100,0	12,0 12,0 12,0 12,0 12,0		108,4 105,4 102,3 109,9 103,2	0,00 0,00 0,00 0,00 0,00	PASS PASS PASS PASS
0.1V Dual co 0.1V Dual co 0.1V Dual co	1V 1V 1V are are	10000 50000 100000 2000 10000 50000		107,0 104,0 101,0 102,0 100,0 94,0	12,0 12,0 12,0 12,0 12,0 12,0		108,4 105,4 102,3 109,9 103,2 96,2	0,00 0,00 0,00 0,00 0,00 0,00	PASS PASS PASS PASS PASS
0.1V Dual co 0.1V Dual co 0.1V Dual co 0.1V Dual co	1V 1V 1V are are are	10000 50000 100000 2000 10000 50000		107,0 104,0 101,0 102,0 100,0 94,0 92,0	12,0 12,0 12,0 12,0 12,0 12,0 12,0		108,4 105,4 102,3 109,9 103,2 96,2 93,3	0,00 0,00 0,00 0,00 0,00 0,00 0,00	PASS PASS PASS PASS PASS PASS
0.1V Dual co 0.1V Dual co 0.1V Dual co 0.1V Dual co 0.	1V 1V 1V ere ere ere	10000 50000 100000 2000 10000 50000 100000 2000		107,0 104,0 101,0 102,0 100,0 94,0 92,0 102,0	12,0 12,0 12,0 12,0 12,0 12,0 12,0 12,0		108,4 105,4 102,3 109,9 103,2 96,2 93,3 107,1	0,00 0,00 0,00 0,00 0,00 0,00 0,00	PASS PASS PASS PASS PASS PASS PASS PASS
0.1V Dual co 0.1V Dual co 0.1V Dual co 0.1V Dual co 0. 0.	1V 1V 1V ore ore ore	10000 50000 100000 2000 10000 50000 100000 2000 100000		107,0 104,0 101,0 102,0 100,0 94,0 92,0 102,0 100,0	12,0 12,0 12,0 12,0 12,0 12,0 12,0 12,0		108,4 105,4 102,3 109,9 103,2 96,2 93,3 107,1 102,3	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	PASS PASS PASS PASS PASS PASS PASS PASS
0.1V Dual co 0.1V Dual co 0.1V Dual co 0.1V Dual co 0. 0.	1V 1V 1V ere ere ere	10000 50000 100000 2000 10000 50000 100000 2000		107,0 104,0 101,0 102,0 100,0 94,0 92,0 102,0	12,0 12,0 12,0 12,0 12,0 12,0 12,0 12,0		108,4 105,4 102,3 109,9 103,2 96,2 93,3 107,1	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	PASS PASS PASS PASS PASS PASS PASS PASS
0.1V Dual cc 0.1V Dual cc 0.1V Dual cc 0.1V Dual cc 0. 0. 0.	1V 1V 1V ore ore ore	10000 50000 100000 2000 10000 50000 100000 2000 100000		107,0 104,0 101,0 102,0 100,0 94,0 92,0 102,0 100,0	12,0 12,0 12,0 12,0 12,0 12,0 12,0 12,0		108,4 105,4 102,3 109,9 103,2 96,2 93,3 107,1 102,3	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	PASS PASS PASS PASS PASS PASS PASS PASS
0.1V Dual cc 0.1V Dual cc 0.1V Dual cc 0.1V Dual cc 0. 0. 0. 0.	1V 1V ore ore ore 1V	10000 50000 100000 2000 10000 50000 100000 2000 10000 50000		107,0 104,0 101,0 102,0 100,0 94,0 92,0 102,0 100,0 94,0	12,0 12,0 12,0 12,0 12,0 12,0 12,0 12,0		108,4 105,4 102,3 109,9 103,2 96,2 93,3 107,1 102,3 96,0	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	PASS PASS PASS PASS PASS PASS PASS PASS
0.1V Dual cc 0.1V Dual cc 0.1V Dual cc 0.1V Dual cc 0. 0. 0.	1V 1V ore ore ore 1V	10000 50000 100000 2000 10000 50000 100000 2000 10000 50000		107,0 104,0 101,0 102,0 100,0 94,0 92,0 102,0 100,0 94,0	12,0 12,0 12,0 12,0 12,0 12,0 12,0 12,0		108,4 105,4 102,3 109,9 103,2 96,2 93,3 107,1 102,3 96,0	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	PASS PASS PASS PASS PASS PASS PASS PASS
0.1V Dual co 0.1V Dual co 0.1V Dual co 0.1V Dual co 0. 0. 0. 0. Low pass; filter	1V 1V ore ore ore 1V 1V 1V	10000 50000 100000 2000 10000 50000 100000 2000 10000 50000 100000	Frequency (Hz)	107,0 104,0 101,0 102,0 100,0 94,0 92,0 102,0 100,0 94,0 91,0	12,0 12,0 12,0 12,0 12,0 12,0 12,0 12,0	Measured IdR1	108,4 105,4 102,3 109,9 103,2 96,2 93,3 107,1 102,3 96,0 93,1	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	PASS PASS PASS PASS PASS PASS PASS PASS
0.1V Dual co 0.1V Dual co 0.1V Dual co 0.1V Dual co 0. 0. 0. 0. Low pass: filter	1V 1V ore ore ore 1V 1V 1V 1V	10000 50000 100000 2000 10000 50000 100000 2000 100000 50000 100000	Frequency [Hz]	107,0 104,0 101,0 102,0 100,0 94,0 92,0 102,0 100,0 94,0 91,0	12,0 12,0 12,0 12,0 12,0 12,0 12,0 12,0	Measured [dB]	108,4 105,4 102,3 109,9 103,2 96,2 93,3 107,1 102,3 96,0 93,1	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	PASS PASS PASS PASS PASS PASS PASS PASS
0.1V Dual co 0.1V Dual co 0.1V Dual co 0.1V Dual co 0. 0. 0. 0. Low pass filter Name LP 100kHz	NV NV NV NV NV NV NV NV NV NV NV NV NV N	10000 50000 100000 2000 10000 50000 100000 2000 100000 50000 100000	10000	107,0 104,0 101,0 102,0 100,0 94,0 92,0 102,0 100,0 94,0 91,0 Typical [dB]	12,0 12,0 12,0 12,0 12,0 12,0 12,0 12,0	-0,05	108,4 105,4 102,3 109,9 103,2 96,2 93,3 107,1 102,3 96,0 93,1	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	PASS PASS PASS PASS PASS PASS PASS PASS
0.1V Dual co 0.1V Dual co 0.1V Dual co 0.1V Dual co 0. 0. 0. 0. Low pass filter Name LP 100kHz LP 100kHz	NV NV NV NV NV NV NV NV NV NV NV NV NV N	10000 50000 100000 2000 10000 50000 100000 50000 100000 SR [Hz] 200000 200000	10000 50000	107,0 104,0 101,0 102,0 100,0 94,0 92,0 102,0 100,0 94,0 91,0 Typical [dB] 0,00 -1,20	12,0 12,0 12,0 12,0 12,0 12,0 12,0 12,0	-0,05 -1,27	108,4 105,4 102,3 109,9 103,2 96,2 93,3 107,1 102,3 96,0 93,1 % of tol 5,12 3,44	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	PASS PASS PASS PASS PASS PASS PASS PASS
0.1V Dual co 0.1V Dual co 0.1V Dual co 0.1V Dual co 0. 0. 0. 0. Low pass filter Name LP 100kHz LP 100kHz LP 100kHz	NV NV NV Nre Nre Nre Nre NV NV NV NV NV NV NV NV NV NV NV NV NV	10000 50000 100000 2000 10000 50000 100000 50000 100000 SR [Hz] 200000 200000 200000	10000 50000 95000	107,0 104,0 101,0 102,0 100,0 94,0 92,0 102,0 100,0 94,0 91,0 Typical [dB] 0,00 -1,20 -13,20	12,0 12,0 12,0 12,0 12,0 12,0 12,0 12,0	-0,05 -1,27 -13,37	108,4 105,4 102,3 109,9 103,2 96,2 93,3 107,1 102,3 96,0 93,1 % of tol 5,12 3,44 8,47	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	PASS PASS PASS PASS PASS PASS PASS PASS
0.1V Dual co 0.1V Dual co 0.1V Dual co 0.1V Dual co 0. 0. 0. 0. Low pass filter Name LP 100kHz LP 100kHz LP 100kHz LP 100kHz	NV N	10000 50000 100000 2000 100000 50000 100000 2000 100000 100000 SR [Hz] 200000 200000 200000 200000	10000 50000 95000 10000	107,0 104,0 101,0 102,0 100,0 94,0 92,0 102,0 100,0 94,0 91,0 Typical [dB] 0,00 -1,20 -13,20 0,00	12,0 12,0 12,0 12,0 12,0 12,0 12,0 12,0	-0,05 -1,27 -13,37 -0,02	108,4 105,4 102,3 109,9 103,2 96,2 93,3 107,1 102,3 96,0 93,1 % of tol 5,12 3,44 8,47 1,77	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	PASS PASS PASS PASS PASS PASS PASS PASS
0.1V Dual co 0.1V Dual co 0.1V Dual co 0.1V Dual co 0. 0. 0. 0. Low pass: filter Name LP 100kHz LP 100kHz LP 100kHz LP 100kHz LP 100kHz	NV N	10000 50000 100000 2000 100000 50000 100000 50000 100000 50000 200000 200000 200000 200000	10000 50000 95000 10000 50000	107,0 104,0 101,0 102,0 100,0 94,0 92,0 102,0 100,0 94,0 91,0 Typical [dB] 0,00 -1,20 -13,20 0,00 -0,50	12,0 12,0 12,0 12,0 12,0 12,0 12,0 12,0	-0,05 -1,27 -13,37 -0,02 -0,51	108,4 105,4 102,3 109,9 103,2 96,2 93,3 107,1 102,3 96,0 93,1 % of tol 5,12 3,44 8,47 1,77 0,52	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	PASS PASS PASS PASS PASS PASS PASS PASS
0.1V Dual co 0.1V Dual co 0.1V Dual co 0.1V Dual co 0. 0. 0. 0. Low pass filter Name LP 100kHz LP 100kHz LP 100kHz LP 100kHz	NV N	10000 50000 100000 2000 100000 50000 100000 2000 100000 100000 SR [Hz] 200000 200000 200000 200000	10000 50000 95000 10000	107,0 104,0 101,0 102,0 100,0 94,0 92,0 102,0 100,0 94,0 91,0 Typical [dB] 0,00 -1,20 -13,20 0,00	12,0 12,0 12,0 12,0 12,0 12,0 12,0 12,0	-0,05 -1,27 -13,37 -0,02	108,4 105,4 102,3 109,9 103,2 96,2 93,3 107,1 102,3 96,0 93,1 % of tol 5,12 3,44 8,47 1,77	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	PASS PASS PASS PASS PASS PASS PASS PASS
0.1V Dual co 0.1V Dual co 0.1V Dual co 0.1V Dual co 0. 0. 0. 0. Low pass: filter Name LP 100kHz LP 100kHz LP 100kHz LP 100kHz LP 100kHz	NV N	10000 50000 100000 2000 100000 50000 100000 50000 100000 50000 200000 200000 200000 200000	10000 50000 95000 10000 50000	107,0 104,0 101,0 102,0 100,0 94,0 92,0 102,0 100,0 94,0 91,0 Typical [dB] 0,00 -1,20 -13,20 0,00 -0,50	12,0 12,0 12,0 12,0 12,0 12,0 12,0 12,0	-0,05 -1,27 -13,37 -0,02 -0,51	108,4 105,4 102,3 109,9 103,2 96,2 93,3 107,1 102,3 96,0 93,1 % of tol 5,12 3,44 8,47 1,77 0,52	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	PASS PASS PASS PASS PASS PASS PASS PASS
0.1V Dual co 0.1V Dual co 0.1V Dual co 0.1V Dual co 0.0 0.0 0.0 Low pass: filter Name LP 100kHz LP 100kHz LP 100kHz LP 100kHz LP 100kHz LP 100kHz	NV N	10000 50000 100000 2000 100000 50000 100000 50000 100000 50000 200000 200000 200000 200000 200000	10000 50000 95000 10000 50000 95000	107,0 104,0 101,0 102,0 100,0 94,0 92,0 102,0 100,0 94,0 91,0 Typical [dB] 0,00 -1,20 -13,20 0,00 -0,50 -11,00 0,00	12,0 12,0 12,0 12,0 12,0 12,0 12,0 12,0	-0,05 -1,27 -13,37 -0,02 -0,51 -11,39 0,00	108,4 105,4 102,3 109,9 103,2 96,2 93,3 107,1 102,3 96,0 93,1 % of tol 5,12 3,44 8,47 1,77 0,52 19,62 0,13	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	PASS PASS PASS PASS PASS PASS PASS PASS
0.1V Dual co 0.1V Dual co 0.1V Dual co 0.1V Dual co 0.0 0.0 0.0 Low pass filter Name LP 100kHz LP 100kHz	Range 50V 50V 10V 10V 10V 10V 10V 10V 10V	10000 50000 100000 2000 100000 50000 100000 50000 100000 500000 200000 200000 200000 200000 200000 200000 200000	10000 50000 95000 10000 50000 95000 5000	107,0 104,0 101,0 102,0 100,0 94,0 92,0 102,0 100,0 94,0 91,0 Typical [dB] 0,00 -1,20 -13,20 0,00 -0,50 -11,00 0,00 -3,10	12,0 12,0 12,0 12,0 12,0 12,0 12,0 12,0	-0,05 -1,27 -13,37 -0,02 -0,51 -11,39 0,00 -2,98	108,4 105,4 102,3 109,9 103,2 96,2 93,3 107,1 102,3 96,0 93,1 % of tol 5,12 3,44 8,47 1,77 0,52 19,62 0,13 5,81	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	PASS PASS PASS PASS PASS PASS PASS PASS
0.1V Dual co 0.1V Dual co 0.1V Dual co 0.1V Dual co 0. 0. 0. 0. Low pass filter Name LP 100kHz LP 100kHz LP 100kHz LP 100kHz LP 100kHz LP 100kHz LP 100kHz	Range 50V 50V 10V 10V 10V 10V 10V 10V 10V	10000 50000 100000 2000 100000 50000 100000 50000 100000 50000 200000 200000 200000 200000 200000 200000	10000 50000 95000 10000 50000 95000 5000	107,0 104,0 101,0 102,0 100,0 94,0 92,0 102,0 100,0 94,0 91,0 Typical [dB] 0,00 -1,20 -13,20 0,00 -0,50 -11,00 0,00	12,0 12,0 12,0 12,0 12,0 12,0 12,0 12,0	-0,05 -1,27 -13,37 -0,02 -0,51 -11,39 0,00	108,4 105,4 102,3 109,9 103,2 96,2 93,3 107,1 102,3 96,0 93,1 % of tol 5,12 3,44 8,47 1,77 0,52 19,62 0,13	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	PASS PASS PASS PASS PASS PASS PASS PASS
0.1V Dual co 0.1V Dual co 0.1V Dual co 0.1V Dual co 0.0 0.0 0.0 0.0 Low pass filter  Name  LP 100kHz  LP 5kHz  LP 5kHz	Range 50V 50V 10V 10V 10V 10V 10V 10V 10V	10000 50000 100000 2000 100000 50000 100000 50000 100000 500000 200000 200000 200000 200000 200000 200000 200000	10000 50000 95000 10000 50000 95000 5000	107,0 104,0 101,0 102,0 100,0 94,0 92,0 102,0 100,0 94,0 91,0 Typical [dB] 0,00 -1,20 -13,20 0,00 -0,50 -11,00 0,00 -3,10	12,0 12,0 12,0 12,0 12,0 12,0 12,0 12,0	-0,05 -1,27 -13,37 -0,02 -0,51 -11,39 0,00 -2,98	108,4 105,4 102,3 109,9 103,2 96,2 93,3 107,1 102,3 96,0 93,1 % of tol 5,12 3,44 8,47 1,77 0,52 19,62 0,13 5,81	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	PASS PASS PASS PASS PASS PASS PASS PASS
0.1V Dual co 0.1V Dual co 0.1V Dual co 0.1V Dual co 0.0 0.0 0.0 0.0 Low pass filter  Name  LP 100kHz  LP 5kHz  LP 5kHz  LP 5kHz  LP 5kHz  LP 5kHz	1V 1V 1V 1V ore ore ore 1V 1V 1V 1V 1V 50V 50V 50V 10V 10V 10V 10V 10V	10000 50000 100000 2000 100000 50000 100000 50000 100000 50000 200000 200000 200000 200000 200000 200000 200000 200000	10000 50000 95000 10000 50000 95000 5000	107,0 104,0 101,0 102,0 100,0 94,0 92,0 102,0 100,0 94,0 91,0  Typical [dB] 0,00 -1,20 -13,20 0,00 -0,50 -11,00 0,00 -3,10 -40,00	12,0 12,0 12,0 12,0 12,0 12,0 12,0 12,0	-0,05 -1,27 -13,37 -0,02 -0,51 -11,39 0,00 -2,98 -40,23	108,4 105,4 102,3 109,9 103,2 96,2 93,3 107,1 102,3 96,0 93,1 % of tol 5,12 3,44 8,47 1,77 0,52 19,62 0,13 5,81 7,66	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	PASS PASS PASS PASS PASS PASS PASS PASS
0.1V Dual co 0. 0. 0. 0. Low pass filter  Name LP 100kHz LP 5kHz LP 5kHz LP 5kHz LP 5kHz LP 5kHz LR 5kHz	1V 1V 1V 1V ore ore ore 1V 1V 1V 1V 1V 50V 50V 50V 10V 10V 10V 10V 10V	10000 50000 100000 2000 100000 50000 100000 50000 100000 500000 200000 200000 200000 200000 200000 200000 200000	10000 50000 95000 10000 50000 95000 5000	107,0 104,0 101,0 102,0 100,0 94,0 92,0 102,0 100,0 94,0 91,0  Typical [dB] 0,00 -1,20 -13,20 0,00 -0,50 -11,00 0,00 -3,10 -40,00	12,0 12,0 12,0 12,0 12,0 12,0 12,0 12,0	-0,05 -1,27 -13,37 -0,02 -0,51 -11,39 0,00 -2,98 -40,23	108,4 105,4 102,3 109,9 103,2 96,2 93,3 107,1 102,3 96,0 93,1 % of tol 5,12 3,44 8,47 1,77 0,52 19,62 0,13 5,81 7,66	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	PASS PASS PASS PASS PASS PASS PASS PASS
0.1V Dual co 0.0 0. 0. 0. Low pass filter  Name LP 100kHz LP 5kHz LR 5kHz	1V 1V 1V 1V ore ore ore 1V 1V 1V 1V 1V 50V 50V 50V 10V 10V 10V 10V 10V	10000 50000 100000 2000 100000 50000 100000 50000 100000 500000 200000 200000 200000 200000 200000 200000 200000	10000 50000 95000 10000 50000 95000 5000	107,0 104,0 101,0 102,0 100,0 94,0 92,0 102,0 100,0 94,0 91,0  Typical [dB] 0,00 -1,20 -13,20 0,00 -1,20 -11,00 0,00 -3,10 -40,00  Max tol. [V] 0,002500	12,0 12,0 12,0 12,0 12,0 12,0 12,0 12,0	-0,05 -1,27 -13,37 -0,02 -0,51 -11,39 0,00 -2,98 -40,23	108,4 105,4 102,3 109,9 103,2 96,2 93,3 107,1 102,3 96,0 93,1 % of tol 5,12 3,44 8,47 1,77 0,52 19,62 0,13 5,81 7,66	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	PASS PASS PASS PASS PASS PASS PASS PASS
0.1V Dual co 0.0 0. 0. 0. Low pass filter  Name LP 100kHz LP 5kHz	1V 1V 1V 1V ore ore ore 1V 1V 1V 1V 1V 50V 50V 50V 10V 10V 10V 10V 10V	10000 50000 100000 2000 100000 50000 100000 50000 100000 50000 200000 200000 200000 200000 200000 200000 200000 200000 200000 200000 200000 200000 200000	10000 50000 95000 10000 50000 95000 5000	107,0 104,0 101,0 102,0 100,0 94,0 92,0 102,0 100,0 94,0 91,0 -1,20 -13,20 0,00 -1,20 -1,1,00 0,00 -3,10 -40,00  Max tol. [V] 0,002500 0,004500	12,0 12,0 12,0 12,0 12,0 12,0 12,0 12,0	-0,05 -1,27 -13,37 -0,02 -0,51 -11,39 0,00 -2,98 -40,23 red [V]	108,4 105,4 102,3 109,9 103,2 96,2 93,3 107,1 102,3 96,0 93,1 % of tol 5,12 3,44 8,47 1,77 0,52 19,62 0,13 5,81 7,66	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	PASS PASS PASS PASS PASS PASS PASS PASS
0.1V Dual co 0.0 0. 0. 0. Low pass filter  Name LP 100kHz LP 5kHz LR 5kHz	1V 1V 1V 1V ore ore ore 1V 1V 1V 1V 1V 50V 50V 50V 10V 10V 10V 10V 10V	10000 50000 100000 2000 100000 50000 100000 50000 100000 500000 200000 200000 200000 200000 200000 200000 200000	10000 50000 95000 10000 50000 95000 5000	107,0 104,0 101,0 102,0 100,0 94,0 92,0 102,0 100,0 94,0 91,0  Typical [dB] 0,00 -1,20 -13,20 0,00 -1,20 -11,00 0,00 -3,10 -40,00  Max tol. [V] 0,002500	12,0 12,0 12,0 12,0 12,0 12,0 12,0 12,0	-0,05 -1,27 -13,37 -0,02 -0,51 -11,39 0,00 -2,98 -40,23	108,4 105,4 102,3 109,9 103,2 96,2 93,3 107,1 102,3 96,0 93,1 % of tol 5,12 3,44 8,47 1,77 0,52 19,62 0,13 5,81 7,66	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	PASS PASS PASS PASS PASS PASS PASS PASS
0.1V Dual co 0.0 0. 0. 0. Low pass filter  Name LP 100kHz LP 5kHz	1V 1V 1V 1V ore ore ore 1V 1V 1V 1V 1V 50V 50V 50V 10V 10V 10V 10V 10V	10000 50000 100000 2000 100000 50000 100000 50000 100000 50000 200000 200000 200000 200000 200000 200000 200000 200000 200000 200000 200000 200000 200000	10000 50000 95000 10000 50000 95000 5000	107,0 104,0 101,0 102,0 100,0 94,0 92,0 102,0 100,0 94,0 91,0 -1,20 -13,20 0,00 -1,20 -1,1,00 0,00 -3,10 -40,00  Max tol. [V] 0,002500 0,004500	12,0 12,0 12,0 12,0 12,0 12,0 12,0 12,0	-0,05 -1,27 -13,37 -0,02 -0,51 -11,39 0,00 -2,98 -40,23 red [V]	108,4 105,4 102,3 109,9 103,2 96,2 93,3 107,1 102,3 96,0 93,1 % of tol 5,12 3,44 8,47 1,77 0,52 19,62 0,13 5,81 7,66	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	PASS PASS PASS PASS PASS PASS PASS PASS

Reference [mA]	Abs tol. [mA]	Rel tol. [%]	Max tol. [mA]	Measured [mA]	% of tol	Uncert, [mA]	P/f
0,100000	0,002000	0,10	0,002100	0,100611	29,11	1.367E-03	PAS
1,000000	0,002000	0,10	0,003000	1,000094	3,15	1,667E-03	PASS
10,000000	0,002000	0,10	0,012000	9,995937	33,86	4,665E-03	PAS
12,000000	0,050000	0,50	0,110000	11,986607	12,18	7,329E-03	PASS
44,000000	0,050000	0,50	0,270000	43,952656	17,53	1,798E-02	PASS
Full brid Half brid	-	PASS PASS	PASS PASS		.5S	PASS	PAS
Full brid	lge	Voltage PASS	Balanced PASS	<b>Debalanc</b> PA	the second contract of	Shunts	P/F
Quarter bridge 120 Of	-	-	PASS		SS SS	PASS	PASS
Quarter bridge 350 Of		-	PASS		.ss SS	PASS PASS	PASS PASS
	эт этэмин Тебайдагаагаа мил <b>е</b> ритегі — саг	Was as a same Was a same				1,400	FAGG
in a minimum, who are a second-order					<ul> <li>Self-to the result of the Self-to the Sel</li></ul>	ette kalanda ja ja talah di berata baran bar	
ictionality tests		ecome some som construction					

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## REPORT OF CALIBRATION

Certificate number: D006A28C27-101016

Unit under test

SIRIUS

Serial number

D006A28C27

Hardware version

1.4

Firmware version

5.3.18.16

System SN

D00BFFDA8B

Procedure name

SIRIUS check

Procedure version

4.0

Confidence level Temperature 95% (sigma 2) 23,0 °C

Humidity

45%

Performed by

Loic Renaudin

Location

DEWEFRANCE

Calibration date Calibration status 10.10.2016 17:14:37

State

PASS As-left

Devices used for calibration

Company

Name
DS-CAL 1 (V3)

Description

Serial number

Certificate number

Due date

DEWESoft Agilent

DS-CAL 1 (V3) 34401A

12,000000

Calibration board Multimeter D02FC4B6C9 3146A27101

155413

03.12.2016

**CAN** excitation

Port index Reference [V]
1 5,000000

Certificate number: D006A28C27-101016

Abs tol. [V] 0,000000

0,000000

Rel tol. [%] 10,00 10,00 Max tol. [V] 0,500000 1,200000 Measured [V] 5,000381 11,975611 % of tol 0,08 2,03

Uncert [V] P/F 1,500E-04 PASS

3,128E-04

Functionality tests

Description
Sync connector(s) in/out

measurement innovation

PASS

PASS

P/F

Certificate number: D00909A8E4-101016

Unit under test SIRIUS-STG
Serial number D00909A8E4
Hardware version 1.5.0.0

Firmware version 1.17

System SN D00BFFDA8B Motherboard SN D006A28C27

Slot

Procedure name SIRIUS-STG check

Procedure version 4.7

Confidence level 95% (sigma 2)
Temperature 23,0 °C
Humidity 45%

Performed by Loic Renaudin
Location DEWEFRANCE
Calibration date 10.10.2016 17:11:44

Calibration status PASS State As-left

#### Devices used for calibration

Company	Name	Description	Serial number	Certificate number	Due date
DEWESoft	DS-CAL 1 (V3)	Calibration board	D02FC4B6C9	1	1
FLUKE	5520A	Calibrator	7080211	1594241	15.02.2017
Agilent	34401A	Multimeter	3146A27101	155413	03.12.2016

Analog input accu	ıracy		됐음 과 제 되는					25	111114
Range	SR [Hz]	Reference [V]	Abs tol. [V]	Rel tol. [%]	Max tol. [V]	Measured [V]	% of tol	Uncert. [V]	P/F
50V Dual core	10000	-49,000000	0,010000	0,05	0,034500	-49,000536	1,55	8,000E-04	PASS
50V Dual core	10000	-2,450000	0,010000	0,05	0,011225	-2,449942	0,52	2,244E-05	PASS
50V Dual core	10000	0,000000	0,010000	0,05	0,010000	-0,000152	1,52	7,752E-07	PASS
50V Dual core	10000	2,450000	0,010000	0,05	0,011225	2,449994	0,05	2,244E-05	PASS
50V Dual core	10000	49,000000	0,010000	0,05	0,034500	49,000461	1,34	8,000E-04	PASS
50V	10000	-49,000000	0,020000	0,05	0,044500	-49,000885	1,99	8,000E-04	PASS
50V	10000	0,000000	0,020000	0,05	0,020000	-0,000501	2,51	7,752E-07	PASS
50V	10000	49,000000	0,020000	0,05	0,044500	49,000111	0,25	8,000E-04	PASS
10V Dual core	2000	-9,800000	0,001000	0,05	0,005900	-9,800327	5,54	1,067E-04	PASS
10V Dual core	10000	-9,800000	0,001000	0,05	0,005900	-9,800204	3,46	1,067E-04	PASS
10V Dual core	50000	-9,800000	0,001000	0,05	0,005900	-9,799960	0,68	1,067E-04	PASS
10V Dual core	100000	-9,800000	0,001000	0,05	0,005900	-9,799945	0,93	1,067E-04	PASS
10V Dual core	200000	-9,800000	0,001000	0,05	0,005900	-9,799943	0,97	1,067E-04	PASS
10V Dual core	2000	-0,490000	0,001000	0,05	0,001245	-0,490051	4,13	5,729E-06	PASS
10V Dual core	10000	-0,490000	0,001000	0,05	0,001245	-0,489994	0,47	5,729E-06	PASS
10V Dual core	50000	-0,490000	0,001000	0,05	0,001245	-0,489962	3,07	5,729E-06	PASS
10V Dual core	100000	-0,490000	0,001000	0,05	0,001245	-0,489963	2,98	5,729E-06	PASS
10V Dual core	200000	-0,490000	0,001000	0,05	0,001245	-0,489958	3,41	5,729E-06	PASS
10V Dual core	2000	0,000000	0,001000	0,05	0,001000	-0,000111	11,14	7,752E-07	PASS
10V Dual core	10000	0,000000	0,001000	0,05	0,001000	-0,000040	3,98	7,752E-07	PASS
10V Dual core	50000	0,000000	0,001000	0,05	0,001000	-0,000016	1,63	7,752E-07	PASS
10V Dual core	100000	0,000000	0,001000	0,05	0,001000	-0,000014	1,39	7,752E-07	PASS
10V Dual core	200000	0,000000	0,001000	0,05	0,001000	-0,00008	0,83	7,752E-07	PASS
10V Dual core	2000	0,490000 0,490000	0,001000	0,05	0,001245	0,489904	7,74	5,729E-06	PASS
10V Dual core 10V Dual core	10000 50000	0,490000	0,001000 0,001000	0,05	0,001245	0,489986 0,489985	1,16	5,729E-06	PASS
10V Dual core	100000	0,490000	0,001000	0,05 0,05	0,001245 0,001245	0,469965 0,489985	1,23	5,729E-06	PASS PASS
10V Dual core	200000	0,490000	0,001000	•	0,001245	0,489992	1,18	5,729E-06	
10V Dual core	200000	9,800000	0,001000	0,05 0,05	0,001245	0,469992 9,799934	0,66 1,12	5,729E-06 1,067E-04	PASS PASS
10V Dual core	10000	9,800000	0,001000	0,05	0,005900	9,799952	+, ≱∠ 0,81	1,067E-04 1,067E-04	PASS
10V Dual core	50000	9,800000	0,001000	0,05	0,005900	9,799727	4,64	1,067E-04	PASS
10V Dual core	100000	9.800000	0.001000	0,05	0,005900	9,799724	4,68	1,067E-04	PASS
10V Dual core	200000	9,800000	0,001000	0,05	0,005900	9,799742	4,37	1,067E-04	PASS
10V 2441 6616	2000	-9,800000	0,002000	0,05	0,006900	-9,800398	5,77	1,067E-04	PASS
10V	10000	-9,800000	0,002000	0,05	0,006900	-9,800281	4,07	1,067E-04	PASS
10V	50000	-9,800000	0,002000	0,05	0,006900	-9,800029	0,42	1,067E-04	PASS
10V	100000		0,002000	0.05	0,006900	-9,800009	0,12	1,067E-04	PASS
10V	200000		0,002000	0,05	0,006900	-9,800015	0,22	1,067E-04	PASS
10V	2000		0,002000	0,05	0,002000	-0,000183	9,15	7,752E-07	PASS
10V	10000	•	0,002000	0,05	0,002000	-0,000117	5,84	7,752E-07	PASS
10V	50000	•	0,002000	•	0,002000	-0,000086	•	•	
10V	100000	·	0,002000	0,05	0,002000	-0,000077	3,87	•	PASS
10V	200000	0,000000	0,002000	0,05	0,002000	-0,000081	4,05	7,752E-07	PASS
10V	100000	0,000000	0,002000		0,002000	-0,000077	•	7,752E-07 7,752E-07 7,752E-07	

Certificate number: D00909A8E4-101016



Range	SR [Hz]	Reference [V]	Abs tol. [V]	Rel tol. [%]	Max tol. [V]	Measured [V]	% of tol	Uncert. [V]	P/F
10V	2000	9,800000	0,002000	0,05	0,006900	9,799863	1,99	1,067E-04	PASS
10V	10000	9,800000	0,002000	0,05	0,006900	9,799875	1,81	1,067E-04	PASS
10V	50000	9,800000	0,002000	0,05	0,006900	9,799657	4,97	1,067E-04	PASS
10V	100000	9,800000	0,002000	0,05	0,006900	9,799661	4,92	1,067E-04	PASS
10V	200000	9,800000	0,002000	0,05	0,006900	9,799669	4,79	1,067E-04	PASS
1V Dual core	10000	-0,980000	0,000200	0,05	0,000690	-0.980038	5,54	9,907E-06	PASS
1V Dual core	10000	-0,049000	0,000200	0,05	0,000225	-0,049000	0,02	1,535E-06	PASS
1V Dual core	10000	0,000000	0,000200	0,05	0,000200	-0,000004	1,97	7,752E-07	PASS
1V Dual core	10000	0,049000	0,000200	0,05	0,000225	0,048999	0,64	1,535E-06	PASS
1V Dual core	10000	0,980000	0,000200	0,05	0,000690	0,979974	3,70	9,907E-06	PASS
1V	10000	-0,980000	0,000200	0,05	0,000690	-0,980043	6,29	9,907E-06	PASS
1V	10000	0,000000	0,000200	0,05	0,000200	-0,000009		7,752E-07	
1V	10000	0,980000	0,000200			•	4,55	•	PASS
0.1V Dual core	10000	•		0,05	0,000690	0,979969	4,45	9,907E-06	PASS
		-0,098000	0,000100	0,05	0,000149	-0,098002	1,55	2,295E-06	PASS
0.1V Dual core	10000	-0,004900	0,000100	0,05	0,000102	-0,004900	0,17	8,512 <b>E</b> -07	PASS
0.1V Dual core	10000	0,000000	0,000100	0,05	0,000100	0,000000	0,14	7,752 <b>E</b> -07	PASS
0.1V Dual core	10000	0,004900	0,000100	0,05	0,000102	0,004900	0,09	8,512 <b>E</b> -07	PASS
0.1V Dual core	10000	0,098000	0,000100	0,05	0,000149	0,098000	0,24	2,295E-06	PASS
0.1V	10000	-0,098000	0,000100	0,05	0,000149	-0,098003	1,84	2,295E-06	PASS
0.1V	10000	0,000000	0,000100	0,05	0,000100	-0,000001	0,58	7,752E-07	PASS
0.1V	10000	0,098000	0,000100	0,05	0,000149	0,098000	0,05	2,295E-06	PASS
Maria de la companya			<ul> <li>Make the materials with a second control of the contr</li></ul>	7 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -					
SNR									
Rang	je	SR [Hz]	Typical [di	B) i	Max tol. [dB]	Measured [	dB]	% of tol	P/F
50V Dual co	re	2000	123		12,0	1:	20,6	20,05	PASS
50V Dual co	re	10000	118		12,0		14,3	30,45	PASS
50V Dual co		50000	111		12,0		11,8	0,00	PASS
50V Dual co		100000	108		12,0		09,9	0,00	PASS
	DV	2000	108		12,0		09,0	0,00	PASS
	DV	10000	108		12,0		03,0 07,8		PASS
	DV	50000						1,63	
	DV		106		12,0		06,7	0,00	PASS
		100000	104		12,0		04,0	0,00	PASS
10V Dual co		2000	128		12,0		31,0	0,00	PASS
10V Dua! co		10000	125		12,0	1:	26,7	0,00	PASS
10V Dual co		50000	119		12,0	1:	20,5	0,00	PASS
10V Dual co		100000	116		12,0	1	17,6	0,00	PASS
	DV	2000	108	3,0	12,0	10	09,1	0,00	PASS
10	DV	10000	107	7,0	12,0	10	0,0	0,00	PASS
10	DV	50000	107	7,0	12,0	11	08,2	0,00	PASS
19	OV	100000	104	1,0	12,0	10	05,2	0,00	PASS
1V Dual co	re	2000	119	9,0	12,0	1:	21,3	0,00	PASS
1V Dual co	ore	10000	113	3,0	12,0		14,8	0,00	PASS
1V Dual co	ore	50000	106		12,0		07,9	0,00	PASS
1V Dual co		100000	103		12,0		04,9	0,00	PASS
	1V	2000	108	-	12,0		08,9	0,00	PASS
	1V	10000	107		12,0		08,0		
	1V	50000	104		12,0		05,0 05,1	0,00 0,00	PASS
	1V	100000	101						
0.1V Dual co		2000			12,0		02,1	0,00	PASS
			102		12,0		09,5	0,00	PASS
0.1V Dual co		10000	100		12,0		02,9	0,00	PASS
0.1V Dual co		50000		1,0	12,0		96,0	0,00	PASS
0.1V Dual co		100000		2,0	12,0		93,0	0,00	PASS
	1V	2000	102		12,0		07,0	0,00	PASS
	1V	10000	100		12,0		02,1	0,00	PASS
	1V	50000		4,0	12,0	,	95,8	0,00	PASS
0.	1V	100000	91	1,0	12,0	,	92,8	0,00	PASS
Towns of the second		<u> </u>	er flore <u>en en en en en en e</u>		5 7 3 5 T	· · · · · · · · · · · · · · · · · · ·		···	
Low pass filter				Selection of the					e sant e A
Name	Range	SR [Hz] Fr	equency [Hz] T	ypical [dB]	Max tol. [dB] N	Measured [dB]	% of tol	Uncert. [dB]	P/F
LP 100kHz	50V	200000	10000	0,00	1,00	-0,05	5,09	5,954E-03	PASS
LP 100kHz	50V	200000	50000	-1,20	2,00	-1,27	3,39	1,107E-02	PA\$\$
LP 100kHz	50V	200000	95000	-13,20	2,00	-13,36	8,21	4,124E-02	PASS
LP 100kHz	10V	200000	10000	0,00	1,00	-0,02	1,76	5,954E-03	PASS
LP 100kHz	10V	200000	50000	-0,50	2,00	-0,49	0,36	1,107E-02	PASS
LP 100kHz	10V	200000	95000	-11,00	2,00	-11,54	27,06	4,124E-02	PASS
LP 5kHz	10V	200000	500	0,00	1,00	0,00	0,11	5,954E-03	PASS
LP 5kHz	10V	200000	5000	-3,10	2,00	-3,13			
LP 5kHz	10V	200000	50000	-40,00	3,00	-3,13 -40,31	1, <b>34</b> 10,19	5,954E-03 1,107E-02	PASS PASS
LI ONIZ	100	200000	55555	-40,00	5,00	-40,31	10,19	1, 107 E-UZ	PASS
Excitation voltage			, 1 <u>1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1</u>						
Reference [V]	SANTAL SINES		Pal (a) 1971	100 A 1 7 7			M. 128 A. 1		777 TV TV TV
	and company of the control of	handria ta a shaad hiri a na Samit ili a sa sa s	Rel tol. [%]	Max tol. [V]	Measurec	No to the second of the second	% of tol	Uncert, [V]	P/F
1,000000		,002000	0,05	0,002500	1,00		3,06	5,667E-05	PASS
5,000000	_	000000							
		,002000	0,05	0,004500	4,99		13,78	1,500E-04	PASS
10,000000	0	,002000	0,05	0,007000	9,99	9760	3,43	2,667E-04	PASS
10,000000 20,000000	0			-		9760			

Excitation current							
Reference [mA]	Abs tol. [mA]	Rel tol. [%]	Max tol. [mA]	Measured [mA]	% of tol	Uncert, [mA]	P/F
0,100000	0,002000	0,10	0,002100	0,100486	23,16	1,367E-03	PASS
1,000000	0,002000	0,10	0,003000	0,999939	2,03	1,667E-03	PASS
10,000000	0,002000	0,10	0,012000	10,003708	30,90	4,668E-03	PASS
12,000000	0,050000	0,50	0,110000	11,998388	1,47	7,333E-03	PASS
44,000000	0,050000	0,50	0,270000	43,996182	1,41	1,800E-02	PASS

Bridge					
Bridge mode	Voltage	Balanced	Debalanced	Shunts	P/F
Full bridge	PASS	PASS	PASS	PASS	PASS
Half bridge	PASS	PASS	PASS	PASS	PAS\$
Quarter bridge 120 Ohm	-	PASS	PASS	PASS	PA\$\$
Quarter bridge 350 Ohm		PASS	PASS	PASS	PASS

Functionality tests	
Description	P/F
Single ended/differential mode	PASS
TEDS	DAGG

Certificate number: D00904EA52-101016

Unit under test SIRIUS-STG
Serial number D00904EA52
Hardware version 1.5.0.0
Firmware version 1.17

System SN D00BFFDA8B Motherboard SN D006A28C27

Slot

Procedure name SIRIUS-STG check

Procedure version 4.7

Confidence level 95% (sigma 2)
Temperature 23,0 °C
Humidity 45%

Performed by Loic Renaudin
Location DEWEFRANCE
Calibration date 10.10.2016 17:11:49

Calibration status PASS State As-left

#### Devices used for calibration

DC41003 4304 101 44	iibi alion				
Company	Name	Description	Serial number	Certificate number	Due date
DEWESoft	DS-CAL 1 (V3)	Calibration board	D02FC4B6C9	1	1
FLUKE	5520A	Calibrator	7080211	1594241	15.02.2017
Agilent	34401A	Multimeter	3146A27101	155413	03.12.2016

Analog input accui	racy			<b>表的复数形式</b>					
Range	SR [Hz]	Reference [V]	Abs tol. [V]	Rel tol. [%]	Max tol. [V]	Measured [V]	% of tol	Uncert [V]	P/F
50V Dual core	10000	-49,000000	0,010000	0,05	0,034500	-49,000287	0,83	8,000E-04	PASS
50V Dual core	10000	-2,450000	0,010000	0,05	0,011225	-2,450163	1,45	2,244E-05	PASS
50V Dual core	10000	0,000000	0,010000	0,05	0,010000	-0,000135	1,35	7,752E-07	PASS
50V Dual core	10000	2,450000	0,010000	0,05	0,011225	2,449831	1,51	2,244E-05	PASS
50V Dual core	10000	49,000000	0,010000	0,05	0,034500	49,000297	0,86	8,000E-04	PASS
50V	10000	-49,000000	0,020000	0,05	0,044500	-49,000636	1,43	8,000E-04	PASS
50V	10000	0,000000	0,020000	0,05	0,020000	-0,000484	2,42	7,752E-07	PASS
50V	10000	49,000000	0,020000	0,05	0,044500	48,999948	0,12	8,000E-04	PASS
10V Dual core	2000	-9,800000	0,001000	0,05	0,005900	-9,800230	3,90	1,067E-04	PASS
10V Dual core	10000	-9,800000	0,001000	0,05	0,005900	-9,800199	3,37	1,067E-04	PASS
10V Dual core	50000	-9,800000	0,001000	0,05	0,005900	-9,799990	0,18	1,067E-04	PASS
10V Dual core	100000	-9,800000	0,001000	0,05	0,005900	-9,799982	0,30	1,067E-04	PASS
10V Dual core	200000	-9,800000	0,001000	0,05	0,005900	-9,799982	0,31	1,067E-04	PASS
10V Dual core	2000	-0,490000	0,001000	0,05	0,001245	-0,490131	10,48	5,729E-06	PASS
10V Dual core	10000	-0,490000	0,001000	0,05	0,001245	-0,490062	4,96	5,729E-06	PASS
10V Dual core	50000	-0,490000	0,001000	0,05	0,001245	-0,490018	1,47	5,729E-06	PASS
10V Dual core	100000	-0,490000	0,001000	0,05	0,001245	-0,490016	1,25	5,729E-06	PASS
10V Dual core	200000	-0,490000	0,001000	0,05	0,001245	-0,490012	0,95	5,729E-06	PASS
10V Dual core	2000	0,000000	0,001000	0,05	0,001000	-0,000115	11,45	7,752E-07	PASS
10V Dual core	10000	0,000000	0,001000	0,05	0,001000	-0,000050	5,00	7,752E-07	PASS
10V Dual core	50000	0,000000	0,001000	0,05	0,001000	-0,000030	3,04	7,752Ë-07	PASS
10V Dual core	100000	0,000000	0,001000	0,05	0,001000	-0,000026	2,65	7,752E-07	PASS
10V Dual core	200000	0,000000	0,001000	0,05	0,001000	-0,000021	2,07	7,752E-07	PASS
10V Dual core	2000	0,490000	0,001000	0,05	0,001245	0,489873	10,21	5,729E-06	PASS
10V Dual core	10000	0,490000	0,001000	0,05	0,001245	0,489941	4,77	5,729E-06	PASS
10V Dual core	50000	0,490000	0,001000	0,05	0,001245	0,489937	5,07	5,729E-06	PASS
10V Dual core	100000	0,490000	0,001000	0,05	0,001245	0,489940	4,81	5,729E-06	PASS
10V Dual core	200000	0,490000	0,001000	0,05	0,001245	0,489948	4,18	5,729E-06	PASS
10V Dual core	2000	9,800000	0,001000	0,05	0,005900	9,799826	2,95	1,067E-04	PASS
10V Dual core	10000	9,800000	0,001000	0,05	0,005900	9,799955	0,77	1,067E-04	PASS
10V Dual core	50000	9,800000	0,001000	0,05	0,005900	9,799764	4,00	1,067E-04	PASS
10V Dual core	100000	9,800000	0,001000	0,05	0,005900	9,799763	4,01	1,067E-04	PASS
10V Dual core	200000	9,800000	0,001000	0,05	0,005900	9,799775	3,82	1,067E-04	PASS
10V	2000	-9,800000	0,002000	0,05	0,006900	-9,800391	5,66	1,067E-04	PASS
10V	10000	-9,800000	0,002000	0,05	0,006900	-9,800326	4,72	1,067E-04	PASS
10V	50000	-9,800000	0,002000	0,05	0,006900	-9,800086	1,25	1,067E-04	PASS
10V	100000	-9,800000	0,002000	0,05	0,006900	-9,800074	1,07	1,067E-04	PASS
10V	200000	-9,800000	0,002000	0,05	0,006900	-9,800073 0,000375	1,05	1,067E-04	PASS
10V	2000	0,000000	0,002000	0,05	0,002000 0,002000	-0,000275	13,77 8,83	7,752E-07	PASS PASS
10V	10000	0,000000	0,002000	0,05	•	-0,000177		7,752E-07	PASS
10V	50000	0,000000	0,002000	0,05	0,002000	-0,000127	6,34 5,93	7,752E-07	PASS
10V	100000	0,000000	0,002000 0,002000	0,05 0,05	0,002000 0,002000	-0,000119 -0,000111	5,93 5,57	7,752E-07 7,752E-07	PASS
10V	200000	0,000000	0,002000	0,05	0,002000	-0,000111	0,07	1,1025-01	-A33

Certificate number: D00904EA52-101016



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Range	SR [Hz]	Reference [V]	Abs tol. [V]	Rel tol. [%]	Max tol. [V]	Measured [V]	% of tol	Uncert. [V]	P/F
10V	2000	9,800000	0,002000	0,05	0,006900	9,799665	4,86	1,067E-04	PASS
10V	10000	9,800000	0,002000	0,05	0,006900	9,799828	2,49	1,067E-04	PASS
10V	50000	9,800000	0,002000	0,05	0,006900	9,799668	4,82	1,067E-04	PASS
			-						PASS
10V	100000	9,800000	0,002000	0,05	0,006900	9,799671	4,76	1,067E-04	
10V	200000	9,800000	0,002000	0,05	0,006900	9,799684	. 4,58	1,067E-04	PASS
1V Dual core	10000	-0,980000	0,000200	0,05	0,000690	-0,980038	5,49	9,907E-06	PASS
1V Dual core	10000	-0,049000	0,000200	0,05	0,000225	-0,049005	2,02	1,535E-06	PASS
1V Dual core	10000	0,000000	0,000200	0,05	0,000200	-0,000003	1,73	7,752E-07	PASS
1V Dual core	10000	0,049000	0,000200	0,05	0,000225	0,048996	1,85	1,535E-06	PASS
1V Dual core	10000	0,980000	0,000200	0,05	0,000690	0,979976	3,54	9,907E-06	PASS
1V	10000	-0,980000	0,000200	0,05	0,000690	-0,980048	6,92	9,907E-06	PASS
								7,752E-07	
1V	10000	0,000000	0,000200	0,05	0,000200	-0,000013	6,65	•	PASS
1V	10000	0,980000	0,000200	0,05	0,000690	0,979966	4,97	9,907E-06	PASS
0.1V Dual core	10000	-0,098000	0,000100	0,05	0,000149	-0,098003	1,70	2,295E-06	PASS
0.1V Dual core	10000	-0,004900	0,000100	0,05	0,000102	-0,004901	0,50	8,512E-07	PASS
0.1V Dual core	10000	0,000000	0,000100	0,05	0,000100	0,000000	0,28	7,752E-07	PASS
0.1V Dual core	10000	0,004900	0,000100	0,05	0,000102	0,004900	0,23	8,512E-07	PASS
0.1V Dual core	10000	0,098000	0,000100	0,05	0,000149	0,098000	0,24	2,295E-06	PASS
0.1V	10000	-0,098000	0,000100	0,05	0,000149	-0,098003	2,23	2,295E-06	PASS
0.1V 0.1V	10000		0,000100	0,05	0,000149	-0,000001	1,07	7,752E-07	PASS
		0,000000							
0.1V	10000	0,098000	0,000100	0,05	0,000149	0,098000	0,29	2,295E-06	PASS
<u>(2. a 22 m</u> ortus mailores forças sector			au finymenes nings	and the second	and the second	2 + 68.817 W 1 1 1 62	der er et til til til ditt.		1.5
SNR									
Rang	0 1 1 1 1 1 1 1	SR [Hz]	Tvoi	cal [dB]	Max tol. [dB]	Measui	red [dB]	% of tal	P/F
50V Dual co	//	2000	aranda wa kani Angleti.	123,0	12,0	algologia, armittifik	126,3	0,00	PASS
		10000					120,4	0,00	PASS
50V Dual co				118,0	12,0				
50V Dual co		50000		111,0	12,0		113,8	0,00	PASS
50V Dual co		100000		108,0	12,0		110,9	0,00	PASS
50	V	2000		108,0	12,0		109,4	0,00	PASS
50	IV .	10000		108,0	12,0		109,1	0,00	PASS
50	V	50000		106,0	12,0		107,7	0,00	PASS
50		100000		104,0	12,0		104,6	0,00	PASS
10V Dual co		2000		128,0	12,0		130,5	0,00	PASS
10V Dual co		10000		125,0	12,0		126,4	0,00	PASS
10V Dual co		50000		119,0	12,0		120,4	0,00	PASS
10V Dual co	re	100000		116,0	12,0		117,4	0,00	PASS
10	)V	2000		108,0	12,0		109,5	0,00	PASS
10	V	10000		107,0	12,0		109,4	0,00	PASS
10	V	50000		107,0	12,0		108,7	0,00	PASS
10	Ν	100000		104,0	12,0		105,5	0,00	PASS
1V Dual co		2000		119,0	12,0		121,2	0,00	PASS
1V Dual co								0,00	PASS
		10000		113,0	12,0		114,7		
1V Dual co		50000		106,0	12,0		107,8	0,00	PASS
1V Dual co	re	100000		103,0	12,0		104,8	0,00	PASS
•	1V	2000		108,0	12,0		109,4	0,00	PASS
•	1V	10000		107,0	12,0		108,4	0,00	PASS
•	1V	50000		104,0	12,0		105,3	0,00	PASS
	1V	100000		101,0	12,0		102,3	0,00	PASS
0.1V Dual co		2000		102,0	12,0		109,9	0,00	PASS
0.1V Dual co		10000		100,0	12,0		102,8	0,00	PASS
		50000		94,0	12,0		95,9	0,00	PASS
0.1V Dual co									
0.1V Dual co		100000		92,0	12,0		92,9	0,00	PASS
0.′		2000		102,0	12,0		106,8	0,00	PASS
0.1	١٧	10000		100,0	12,0		102,0	0,00	PASS
0.1	1V	50000		94,0	12,0		95,7	0,00	PASS
0.4	1V	100000		91,0	12,0		92,8	0,00	PASS
Low pass filter									
AND THE PROPERTY OF THE PROPER	The Property of Section 1975	<b>10.</b> 10. 10. 10. 10. 10. 10. 10. 10. 10. 10.		diginal straight in the distance of magnetic fields and the second section of	REAL ALT PARTY		% of tol	· Iljánská kame	CONTRACT
Name	Range	The same to the same to be a	Frequency [Hz]	Typical [dB]	Max tol. [dB]	Measured [dB]	an extensive for the contract of the second	Uncert. [dB]	P/E
LP 100kHz	50V	200000	10000		1,00	-0,05		5,954E-03	PASS
LP 100kHz	50V		50000		2,00	-1,18		1,107E-02	PASS
LP 100kHz	50V	200000	95000	-13,20	2,00	-13,35	7,74	4,124E-02	PASS
LP 100kHz	10V	200000	10000	0,00	1,00	-0,02	1,59	5,954E-03	PASS
LP 100kHz	10V		50000		2,00	-0,48	1,05	1,107E-02	PASS
LP 100kHz	10V		95000		2,00	-11,49		4,124E-02	PASS
LP 5kHz	10V		500	•	1,00	0,00		5,954E-03	PASS
LP 5kHz	10V		5000		2,00	-3,03		5,954E-03	PASS
LP 5kHz	10V	200000	50000	-40,00	3,00	-40,22	7,33	1,107E-02	PASS
		e de entre la contraction de l	n sign er <u>en e</u>		4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	보기되기 <u>원칙(본</u> 제]	Strategy and the second	**************************************	الاستنا
Excitation voltage									
Reference [V]	Δ	bs tol. [V]	Rel tol. [%]	Max tol. [V	] Measu	red IVI	% of tol	Uncert. [V]	P/F
1,000000	. a . 456 W. W. W.	0,002000	0,05	0,002500		000031	1,23	3,133E-05	PASS
		•	0,05	0,002.500		000667	14,81	1,500E-04	PASS
5,000000		0,002000							
10,000000		0,002000	0,05	0,007000		000758	10,83	2,667E-04	PASS
20.000000		0.002000	0,05	0.012000	ע 20.	001809	15,08	1,000E-03	PASS

0,002000

0,05

0,012000

20,001809

15,08

20,000000

PASS

1,000E-03

Excitation current							
Reference [mA]	Abs tol. [mA]	Rel tol. [%]	Max tol. [mA]	Measured [mA]	% of tol	Uncert. [mA]	P/F
0,100000	0,002000	0,10	0,002100	0,100814	38,77	1,367E-03	PASS
1,000000	0,002000	0,10	0,003000	0,999706	9,79	1,667E-03	PASS
10,000000	0,002000	0,10	0,012000	10,000916	7,63	4,667E-03	PASS
12,000000	0,050000	0,50	0,110000	11,997139	2,60	7,332E-03	PASS
44,000000	0,050000	0,50	0,270000	44,000748	0,28	1,800E-02	PASS

Bridge	(M. 보건되는 1 - 설립)		医主要性 医肾色 医皮色		
Bridge mode	Voltage	Balanced	Debalanced	Shunts	P/F
Full bridge	PASS	PASS	PAS\$	PASS	PASS
Half bridge	PASS	PASS	PAS\$	PASS	PASS
Quarter bridge 120 Ohm	-	PASS	PASS	PASS	PASS
Quarter bridge 350 Ohm	-	PASS	PASS	PASS	PASS

Functionality tests	
Description	P/F
Single ended/differential mode	PASS
TED\$	PASS

Certificate number: D00904EA53-101016

Unit under test SIRIUS-STG D00904EA53 Serial number Hardware version 1.5.0.0

1.17 Firmware version

D00BFFDA8B System SN D006A28C27 Motherboard SN

Slot

Procedure name SIRIUS-STG check Procedure version 4.7

95% (sigma 2) Confidence level

23,0 °C Temperature Humidity 45%

Loic Renaudin Performed by **DEWEFRANCE** Location 10.10.2016 17:11:53 Calibration date

Calibration status **PASS** State As-left

Devices used for calibration

Company	Name	Description	Serial number	Certificate number	Due date
DEWESoft	DS-CAL 1 (V3)	Calibration board	D02FC4B6C9	ar darenaria himiliaria. T	1_14_11144 <i>857477347157</i> _04_44_5 
FLUKE	5520A	Calibrator	7080211	1594241	15.02.2017
Agilent	34401A	Multimeter	3146A27101	155413	03.12.2016

Analog input ad	ccuracy								
Range	SR [Hz]	Reference [V]	Abs tol. [V]	Rel tol. [%]	Max tol. [V]	Measured [V]	% of tol	Uncert, [V]	P/F
50V Dual core	10000	-49,000000	0,010000	0,05	0,034500	-48,999888	0,32	8,000E-04	PASS
50V Dual core	10000	-2,450000	0,010000	0,05	0,011225	-2,450019	0,17	2,244E-05	PASS
50V Dual core	10000	0,000000	0,010000	0,05	0,010000	0,000010	0,10	7,752E-07	PASS
50V Dual core	10000	2,450000	0,010000	0,05	0,011225	2,449986	0,12	2,244E-05	PASS
50V Dual core	10000	49,000000	0,010000	0,05	0,034500	49,000316	0,92	8,000E-04	PASS
50V	10000	-49,000000	0,020000	0,05	0,044500	-48,999619	0,86	8,000E-04	PASS
50V	10000	0,000000	0,020000	0,05	0,020000	0,000279	1,40	7,752E-07	PASS
50V	10000	49,000000	0,020000	0,05	0,044500	49,000585	1,31	8,000E-04	PASS
10V Dual core	2000	-9,800000	0,001000	0,05	0,005900	-9,800200	3,39	1,067E-04	PASS
10V Dual core	10000	-9,800000	0,001000	0,05	0,005900	-9,800182	3,08	1,067E-04	PASS
10V Dual core	50000	-9,800000	0,001000	0,05	0,005900	-9,799962	0,64	1,067E-04	PASS
10V Dual core	100000	-9,800000	0,001000	0,05	0,005900	-9,799959	0,69	1,067E-04	PASS
10V Dual core	200000	-9,800000	0,001000	0,05	0,005900	-9,799956	0,75	1,067E-04	PASS
10V Dual core	2000	-0,490000	0,001000	0,05	0,001245	-0,490060	4,85	5,729E-06	PASS
10V Dual core	10000	-0,490000	0,001000	0,05	0,001245	-0,490018	1,41	5,729E-06	PASS
10V Dual core	50000	-0,490000	0,001000	0,05	0,001245	-0,489995	0,41	5,729E-06	PASS
10V Dual core	100000	-0,490000	0,001000	0,05	0,001245	-0,489991	0,69	5,729E-06	PASS
10V Dual core	200000	-0,490000	0,001000	0,05	0,001245	-0,489993	0,59	5,729E-06	PASS
10V Dual core	2000	0,000000	0,001000	0,05	0,001000	-0,000050	5,03	7,752E-07	PASS
10V Dual core	10000	0,000000	0,001000	0,05	0,001000	-0,000013	1,32	7,752E-07	PASS
10V Dual core	50000	0,000000	0,001000	0,05	0,001000	-0,000007	0,75	7,752 <b>E</b> -07	PASS
10V Dual core	100000	0,000000	0,001000	0,05	0,001000	-0,000008	0,81	7,752E-07	PASS
10V Dual core	200000	0,000000	0,001000	0,05	0,001000	-0,000005	0,52	7,752E-07	PASS
10V Dual core	2000	0,490000	0,001000	0,05	0,001245	0,489946	4,32	5,729E-06	PASS
10V Dual core	10000	0,490000	0,001000	0,05	0,001245	0,489982	1,46	5,729E-06	PASS
10V Dual core	50000	0,490000	0,001000	0,05	0,001245	0,489955	3,65	5,729E-06	PASS
10V Dual core		0,490000	0,001000	0,05	0,001245	0,489959	3,33	5,729E-06	PASS
10V Dual core		0,490000	0,001000	0,05	0,001245	0,489955	3,64	5,729E-06	PASS
10V Dual core		9,800000	0,001000	0,05	0,005900	9,800021	0,36	1,067E-04	PASS
10V Dual core		9,800000	0,001000	0,05	0,005900	9,800033	0,56	1,067E-04	PASS
10V Dual core		9,800000	0,001000	0,05	0,005900	9,799749	4,26	1,067E-04	PASS
10V Dual core		9,800000	0,001000	0,05	0,005900	9,799751	4,23	1,067E-04	PASS
10V Dual core		9,800000	0,001000	0,05	0,005900	9,799751	4,23	1,067E-04	PASS
10V		-9,800000	0,002000	0,05	0,006900	-9,799916	1,22	1,067E-04	PASS
10V		-9,800000	0,002000	0,05	0,006900	-9,800026	0,38	1,067E-04	PASS
. 10V		-9,800000	0,002000	0,05	0,006900	-9,799988	0,18	1,067E-04	PASS
10V		-9,800000	0,002000	0,05	0,006900	-9,799989	0,16	1,067E-04	PASS
10V		-9,800000	0,002000	0,05	0,006900	-9,799995	0,07	1,067E-04	PASS
10V		0,000000	0,002000	0,05	0,002000	0,000234	11,71	7,752E-07	PASS
10V		0,000000	0,002000	0,05	0,002000	0,000142	7,10	7,752E-07	PASS
10V		0,000000	0,002000	0,05	0,002000	-0,000033	1,66	7,752E-07	PASS
10V		0,000000	0,002000	0,05	0,002000	-0,000038	1,89	7,752E-07	PASS
10V	200000	0,000000	0,002000	0,05	0,002000	-0,000044	2,21	7,752E-07	PASS

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**DEWESoft®** 

measurement innovation

Range	SR [Hz]	Reference [V]	Abs tol. [V]	Rel tol. [%]	Max tol. [V]	Measured [V]	% of tol	Uncert. [V]	P/F
10V	2000	9,800000	0,002000	0,05	0,006900	9,800306	4,43	1,067E-04	PASS
10V	10000	9,800000	0,002000	0,05	0,006900	9,800188	2,72	1,067E-04	PASS
10V	50000	9,800000	0,002000	0,05	0,006900	9,799723	4,01	1,067E-04	PASS
		9,800000	0,002000	0,05	0,006900	9,799721	4,05	1,067E-04	PASS
10V	100000					9,799711	4,18	1,067E-04	PASS
10V	200000	9,800000	0,002000	0,05	0,006900				
1V Dual core	10000	-0,980000	0,000200	0,05	0,000690	-0,980039	5,66	9,907E-06	PASS
1V Dual core	10000	-0,049000	0,000200	0,05	0,000225	-0,049002	0,91	1,535E-06	PASS
1V Dual core	10000	0,000000	0,000200	0,05	0,000200	-0,000001	0,63	7,752E-07	PASS
1V Dual core	10000	0,049000	0,000200	0,05	0,000225	0,048998	0,82	1,535E-06	PASS
		0,980000	0,000200	0,05	0,000690	0,979981	2,78	9,907E-06	PASS
1V Dual core	10000					·		9,907E-06	PASS
1V	10000	-0,980000	0,000200	0,05	0,000690	-0,980025	3,65		
1V	10000	0,000000	0,000200	0,05	0,000200	0,000013	6,27	7,752E-07	PASS
1V	10000	0,980000	0,000200	0,05	0,000690	0,979995	0,78	9,907E-06	PASS
0.1V Dual core	10000	-0,098000	0,000100	0,05	0,000149	-0,098003	1,86	2,295E-06	PASS
		-0,004900	0,000100	0,05	0,000102	-0,004900	0,23	8,512E-07	PASS
0.1V Dual core	10000						0,00	7,752E-07	PASS
0.1V Dual core	10000	0,000000	0,000100	0,05	0,000100	0,00000			
0.1V Dual core	10000	0,004900	0,000100	0,05	0,000102	0,004900	0,03	8,512E-07	PASS
0.1V Dual core	10000	0,098000	0,000100	0,05	0,000149	0,098001	0,76	2,295E-06	PASS
	10000	-0,098000	0,000100	0,05	0,000149	-0,098001	0,99	2,295E-06	PÁSS
0,1V			•					7,752E-07	PAS
0.1V	10000	0,000000	0,000100	0,05	0,000100	0,000001	1,30		
0.1V	10000	0,098000	0,000100	0,05	0,000149	0,098002	1,63	2,295E-06	PAS
					A SECTION OF THE WILLIAM SECTION		The Mark to the Mark the Mark		
NR									
	alia varili karinz	on rust	E TENENTALIA.	LTAD1	Max tol. [dB]	Measured	[del	% of tol	PJ
Rang		SR [Hz]	Typica			measureu	.,		11.74
50V Dual co	ore	2000		123,0	12,0		125,4	0,00	PAS
50V Dual co	ore	10000		118,0	12,0		119,8	0,00	PAS
50V Dual co		50000		111,0	12,0		113,2	0,00	PAS
50V Dual co		100000		108,0	12,0		110,4	0,00	PAS
								0,00	PAS
50	OV	2000		108,0	12,0		109,4		
50	0V	10000		108,0	12,0		109,0	0,00	PAS
50	i0V	50000		106,0	12,0		107,7	0,00	PAS
	0V	100000		104,0	12,0		104,5	0,00	PAS
							130,7	0,00	PAS
10V Dual co	ore	2000		128,0	12,0				
10V Dual co	ore	10000		125,0	12,0		126,3	0,00	PAS
10V Dual co	ore	50000		119,0	12,0		120,3	0,00	PAS
10V Dual co		100000		116,0	12,0		117,4	0,00	PAS
							109,5	0,00	PAS
	10V	2000		108,0	12,0				
1	IOV	10000		107,0	12,0		109,4	00,0	PAS
1	10V	50000		107,0	12,0		108,7	0,00	PAS
	10V	100000		104,0	12,0		105,5	0,00	PAS
					12,0		121,2	0,00	PAS
1V Dual co	ore	2000		119,0					
1V Dual co	ore	10000		113,0	12,0		114,7	0,00	PAS
1V Dual co	ore	50000		106,0	12,0		107,8	0,00	PAS
1V Dual c	ore	100000		103,0	12,0		104,8	0,00	PAS
							109,5	0,00	PA:
	1V	2000		108,0	12,0				
	1V	10000		107,0	12,0		108,3	0,00	PAS
	1V			104,0	12,0		105,3		
	IV	50000					,-	0,00	PA
				101 0				0,00	
	1V	100000		101,0	12,0		102,3	0,00 0,00	PAS
0.1V Dual c	1V ore	100000 2000		102,0	12,0 12,0		102,3 109,8	0,00 0,00 0,00	PAS PAS
	1V ore	100000 2000 10000		102,0 100,0	12,0 12,0 12,0		102,3 109,8 103,1	0,00 0,00 0,00 0,00	PAS PAS PAS
0.1V Dual c	1V ore ore	100000 2000		102,0	12,0 12,0 12,0 12,0		102,3 109,8 103,1 96,0	0,00 0,00 0,00 0,00 0,00	PA: PA: PA:
0.1V Dual co 0.1V Dual co 0.1V Dual co	1V core core	100000 2000 10000		102,0 100,0	12,0 12,0 12,0		102,3 109,8 103,1	0,00 0,00 0,00 0,00	PAS PAS PAS
0.1V Dual c 0.1V Dual c 0.1V Dual c 0.1V Dual c	1V core core core	100000 2000 10000 50000 100000		102,0 100,0 94,0 92,0	12,0 12,0 12,0 12,0 12,0		102,3 109,8 103,1 96,0 93,1	0,00 0,00 0,00 0,00 0,00 0,00	PAS PAS
0.1V Dual o 0.1V Dual o 0.1V Dual o 0.1V Dual o 0	1V core core core core	100000 2000 10000 50000 100000 2000		102,0 100,0 94,0 92,0 102,0	12,0 12,0 12,0 12,0 12,0 12,0		102,3 109,8 103,1 96,0 93,1 107,0	0,00 0,00 0,00 0,00 0,00 0,00	PA PA PA PA PA PA
0.1V Dual o 0.1V Dual o 0.1V Dual o 0.1V Dual o 0	1V core core core	100000 2000 10000 50000 100000 2000 10000		102,0 100,0 94,0 92,0 102,0 100,0	12,0 12,0 12,0 12,0 12,0 12,0 12,0		102,3 109,8 103,1 96,0 93,1 107,0 102,2	0,00 0,00 0,00 0,00 0,00 0,00 0,00	PA: PA: PA: PA: PA: PA:
0.1V Dual o 0.1V Dual o 0.1V Dual o 0.1V Dual o 0 0	1V core core core core	100000 2000 10000 50000 100000 2000		102,0 100,0 94,0 92,0 102,0 100,0 94,0	12,0 12,0 12,0 12,0 12,0 12,0 12,0 12,0		102,3 109,8 103,1 96,0 93,1 107,0 102,2 95,9	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	PA PA PA PA PA PA PA
0.1V Dual o 0.1V Dual o 0.1V Dual o 0.1V Dual o 0 0 0	1V core core core core 0.1V	100000 2000 10000 50000 100000 2000 10000		102,0 100,0 94,0 92,0 102,0 100,0	12,0 12,0 12,0 12,0 12,0 12,0 12,0		102,3 109,8 103,1 96,0 93,1 107,0 102,2	0,00 0,00 0,00 0,00 0,00 0,00 0,00	PA PA PA PA PA PA
0.1V Dual o 0.1V Dual o 0.1V Dual o 0.1V Dual o 0 0 0	1V core core core 0.1V 0.1V	100000 2000 10000 50000 100000 2000 10000 50000		102,0 100,0 94,0 92,0 102,0 100,0 94,0	12,0 12,0 12,0 12,0 12,0 12,0 12,0 12,0		102,3 109,8 103,1 96,0 93,1 107,0 102,2 95,9	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	PA PA PA PA PA PA
0.1V Dual o 0.1V Dual o 0.1V Dual o 0.1V Dual o 0 0 0 0	1V core core core 0.1V 0.1V	100000 2000 10000 50000 100000 2000 10000 50000		102,0 100,0 94,0 92,0 102,0 100,0 94,0	12,0 12,0 12,0 12,0 12,0 12,0 12,0 12,0		102,3 109,8 103,1 96,0 93,1 107,0 102,2 95,9	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	PA PA PA PA PA PA
0.1V Dual or 0.1V Dual or 0.1V Dual or 0.1V Dual or 0 0 0 0 0 0 0 0	1V core core core core 0.1V 0.1V 0.1V	100000 2000 10000 50000 100000 2000 10000 50000 100000		102,0 100,0 94,0 92,0 102,0 100,0 94,0 91,0	12,0 12,0 12,0 12,0 12,0 12,0 12,0 12,0		102,3 109,8 103,1 96,0 93,1 107,0 102,2 95,9 92,9	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	PA PA PA PA PA PA
0.1V Dual o 0.1V Dual o 0.1V Dual o 0.1V Dual o 0 0 0 0	1V core core core 0.1V 0.1V	100000 2000 10000 50000 100000 2000 10000 50000 100000	Frequency [Hz]	102,0 100,0 94,0 92,0 102,0 100,0 94,0 91,0	12,0 12,0 12,0 12,0 12,0 12,0 12,0 12,0	Measured [dB]	102,3 109,8 103,1 96,0 93,1 107,0 102,2 95,9 92,9	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	PA PA PA PA PA PA
0.1V Dual or 0.1V Dual or 0.1V Dual or 0.1V Dual or 0 0 0 0 0 0 0 0	1V core core core core 0.1V 0.1V 0.1V	100000 2000 10000 50000 100000 2000 10000 50000 100000	Frequency [Hz]	102,0 100,0 94,0 92,0 102,0 100,0 94,0 91,0	12,0 12,0 12,0 12,0 12,0 12,0 12,0 12,0	-0,05	102,3 109,8 103,1 96,0 93,1 107,0 102,2 95,9 92,9	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	PA PA PA PA PA PA PA
0.1V Dual or 0.1V Dual or 0.1V Dual or 0.1V Dual or 0 0 0 0 0 0 tow pass filter. Name LP 100kHz	1V core core core 0.1V 0.1V 0.1V 0.1V	100000 2000 10000 50000 100000 2000 100000 50000 100000	10000	102,0 100,0 94,0 92,0 102,0 100,0 94,0 91,0 Typical [dB]	12,0 12,0 12,0 12,0 12,0 12,0 12,0 12,0	THE RESERVE OF THE PROPERTY OF THE PERSON OF	102,3 109,8 103,1 96,0 93,1 107,0 102,2 95,9 92,9	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	PA PA PA PA PA PA PA
0.1V Dual or 0.1V Dual or 0.1V Dual or 0.1V Dual or 0 0 0 0 0 0 Low pass filter.  Name  LP 100kHz LP 100kHz	1V core core core 0.1V 0.1V 0.1V 0.1V Range 50V 50V	100000 2000 10000 50000 100000 2000 100000 50000 100000  SR [Hz] // 200000 // 200000	10000 50000	102,0 100,0 94,0 92,0 102,0 100,0 94,0 91,0 Typical [dB] 0,00 -1,20	12,0 12,0 12,0 12,0 12,0 12,0 12,0 12,0	-0,05 -1,19	102,3 109,8 103,1 96,0 93,1 107,0 102,2 95,9 92,9 <b>% of tol</b> 4,69 0,59	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	PA PA PA PA PA PA PA
0.1V Dual co 0 0 0 0 0 0 Low pass filter.  Name  LP 100kHz LP 100kHz LP 100kHz LP 100kHz	1V core core core 0.1V 0.1V 0.1V 0.1V Range 50V 50V	100000 2000 10000 50000 100000 2000 100000 50000 100000  SR [Hz] // 200000 // 200000	10000 50000 95000	102,0 100,0 94,0 92,0 102,0 100,0 94,0 91,0 Typical [dB] 0,00 -1,20 -13,20	12,0 12,0 12,0 12,0 12,0 12,0 12,0 12,0	-0,05 -1,19 -13,26	102,3 109,8 103,1 96,0 93,1 107,0 102,2 95,9 92,9 <b>% of tol</b> 4,69 0,59 3,16	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	PA PA PA PA PA PA PA PA
0.1V Dual or 0.1V Dual or 0.1V Dual or 0.1V Dual or 0 0 0 0 0 0 Low pass filter. Name LP 100kHz LP 100kHz	1V core core core 0.1V 0.1V 0.1V 0.1V Range 50V 50V	100000 2000 10000 50000 100000 2000 100000 50000 100000  SR [Hz] // 200000 // 200000	10000 50000	102,0 100,0 94,0 92,0 102,0 100,0 94,0 91,0 Typical [dB] 0,00 -1,20 -13,20 0,00	12,0 12,0 12,0 12,0 12,0 12,0 12,0 12,0	-0,05 -1,19 -13,26 -0,01	102,3 109,8 103,1 96,0 93,1 107,0 102,2 95,9 92,9 % of tol 4,69 0,59 3,16 1,49	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	PA PA PA PA PA PA PA PA PA PA
0.1V Dual co 0 0 0 0 0 0 Low pass filter  Name  LP 100kHz LP 100kHz LP 100kHz LP 100kHz LP 100kHz	1V core core core 0.1V 0.1V 0.1V 0.1V Range 50V 50V	100000 2000 10000 50000 100000 2000 100000 50000 100000  SR [Hz] 7 200000 7 200000 7 200000	10000 50000 95000	102,0 100,0 94,0 92,0 102,0 100,0 94,0 91,0 Typical [dB] 0,00 -1,20 -13,20	12,0 12,0 12,0 12,0 12,0 12,0 12,0 12,0	-0,05 -1,19 -13,26	102,3 109,8 103,1 96,0 93,1 107,0 102,2 95,9 92,9 <b>% of tol</b> 4,69 0,59 3,16	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	PA PA PA PA PA PA PA PA PA PA
0.1V Dual co 0 0 0 0 0 0  Low pass filter  Name  LP 100kHz	1V core core core core core core core core	100000 2000 10000 50000 100000 2000 100000 50000 100000  SR [Hz] // 200000 // 200000 // 200000 // 200000	10000 50000 95000 10000 50000	102,0 100,0 94,0 92,0 102,0 100,0 94,0 91,0 Typical [dB] 0,00 -1,20 -13,20 0,00 -0,50	12,0 12,0 12,0 12,0 12,0 12,0 12,0 12,0	-0,05 -1,19 -13,26 -0,01 -0,45	102,3 109,8 103,1 96,0 93,1 107,0 102,2 95,9 92,9 <b>% of tol</b> 4,69 0,59 3,16 1,49 2,71	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	PA PA PA PA PA PA PA PA PA PA
0.1V Dual or 0.1V Dual or 0.1V Dual or 0.1V Dual or 0 0 0 0 0 0  Low pass filter  Name  LP 100kHz	1V core core core core 0.1V 0.1V 0.1V 0.1V 0.1V 0.1V 0.1V 0.1V	100000 2000 10000 50000 100000 2000 100000 50000 100000  SR [Hz] / 200000 / 200000 / 200000 / 200000 / 200000	10000 50000 95000 10000 50000 95000	102,0 100,0 94,0 92,0 102,0 100,0 94,0 91,0 Typical [dB] 0,00 -1,20 -13,20 0,00 -0,50 -11,00	12,0 12,0 12,0 12,0 12,0 12,0 12,0 12,0	-0,05 -1,19 -13,26 -0,01 -0,45 -11,36	102,3 109,8 103,1 96,0 93,1 107,0 102,2 95,9 92,9 % of tol 4,69 0,59 3,16 1,49 2,71 17,79	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	PA PA PA PA PA PA PA PA PA PA PA
0.1V Dual co 0 0 0 0 0 0 Low pass filter  Name LP 100kHz	1V core core core core core core core core	100000 2000 10000 50000 100000 2000 100000 50000 100000  SR [Hz] // 200000 // 200000 // 200000 // 200000 // 200000 // 200000	10000 50000 95000 10000 50000 95000 5000	102,0 100,0 94,0 92,0 102,0 100,0 94,0 91,0 Typical [dB] 0,00 -1,20 -13,20 0,00 -0,50 -11,00 0,00	12,0 12,0 12,0 12,0 12,0 12,0 12,0 12,0	-0,05 -1,19 -13,26 -0,01 -0,45 -11,36 0,00	102,3 109,8 103,1 96,0 93,1 107,0 102,2 95,9 92,9 % of tol 4,69 0,59 3,16 1,49 2,71 17,79 0,16	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	PA: PA: PA: PA: PA: PA: PA: PA: PA: PA:
0.1V Dual or 0 0 0 0 0 Low pass filter  Name  LP 100kHz	1V core core core core 0.1V 0.1V 0.1V 0.1V 0.1V 0.1V 0.1V 0.1V	100000 2000 10000 50000 100000 2000 100000 50000 100000  SR [Hz] / 200000 / 200000 / 200000 / 200000 / 200000 / 200000	10000 50000 95000 10000 50000 95000	102,0 100,0 94,0 92,0 102,0 100,0 94,0 91,0 Typical [dB] 0,00 -1,20 -13,20 0,00 -0,50 -11,00	12,0 12,0 12,0 12,0 12,0 12,0 12,0 12,0	-0,05 -1,19 -13,26 -0,01 -0,45 -11,36	102,3 109,8 103,1 96,0 93,1 107,0 102,2 95,9 92,9 % of tol 4,69 0,59 3,16 1,49 2,71 17,79	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	PAAPAAPAAPAAPAAPAAPAAPAAPAAPAAPAAPAAPAA
0.1V Dual or 0 0 0 0 0 0  Low pass filter  Name  LP 100kHz LP 5kHz LP 5kHz	1V core core core core core core core core	100000 2000 10000 50000 100000 2000 100000 50000 100000  SR [Hz] // 200000 // 200000 // 200000 // 200000 // 200000 // 200000 // 200000 // 200000 // 200000	10000 50000 95000 10000 50000 95000 5000	102,0 100,0 94,0 92,0 102,0 100,0 94,0 91,0 Typical [dB] 0,00 -1,20 -13,20 0,00 -0,50 -11,00 0,00 -3,10	12,0 12,0 12,0 12,0 12,0 12,0 12,0 12,0	-0,05 -1,19 -13,26 -0,01 -0,45 -11,36 0,00 -3,22	102,3 109,8 103,1 96,0 93,1 107,0 102,2 95,9 92,9 % of tol 4,69 0,59 3,16 1,49 2,71 17,79 0,16	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	PAPPAPAPAPAPAPAPAPAPAPAPAPAPAPAPAPAPAP
0.1V Dual or 0 0 0 0 0  Low pass filter  Name  LP 100kHz	1V core core core core core core core core	100000 2000 10000 50000 100000 2000 100000 50000 100000  SR [Hz] // 200000 // 200000 // 200000 // 200000 // 200000 // 200000 // 200000 // 200000 // 200000	10000 50000 95000 10000 50000 95000 5000	102,0 100,0 94,0 92,0 102,0 100,0 94,0 91,0 Typical [dB] 0,00 -1,20 -13,20 0,00 -0,50 -11,00 0,00	12,0 12,0 12,0 12,0 12,0 12,0 12,0 12,0	-0,05 -1,19 -13,26 -0,01 -0,45 -11,36 0,00	102,3 109,8 103,1 96,0 93,1 107,0 102,2 95,9 92,9 <b>% of tol</b> 4,69 0,59 3,16 1,49 2,71 17,79 0,16 5,88	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	PAAPAAPAAPAAPAAPAAPAAPAAPAAPAAPAAPAAPAA
0.1V Dual or 0 0 0 0 0 0  Low pass filter  Name  LP 100kHz  LP 5kHz  LP 5kHz  LP 5kHz	1V core core core core core core core core	100000 2000 10000 50000 100000 2000 100000 50000 100000  SR [Hz] // 200000 // 200000 // 200000 // 200000 // 200000 // 200000 // 200000 // 200000 // 200000	10000 50000 95000 10000 50000 95000 5000	102,0 100,0 94,0 92,0 102,0 100,0 94,0 91,0 Typical [dB] 0,00 -1,20 -13,20 0,00 -0,50 -11,00 0,00 -3,10	12,0 12,0 12,0 12,0 12,0 12,0 12,0 12,0	-0,05 -1,19 -13,26 -0,01 -0,45 -11,36 0,00 -3,22	102,3 109,8 103,1 96,0 93,1 107,0 102,2 95,9 92,9 <b>% of tol</b> 4,69 0,59 3,16 1,49 2,71 17,79 0,16 5,88	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	PA PA PA PA PA PA PA PA PA PA PA PA PA P
0.1V Dual or 0 0 0 0 0 0  Low pass filter  Name  LP 100kHz  LP 10kHz  LP 10kHz  LP 10kHz  LP 10kHz  LP 10kHz  LP 5kHz  LP 5kHz  LP 5kHz	1V core core core core core core core core	100000 2000 10000 50000 100000 2000 100000 50000 100000  SR [Hz] // 200000 // 200000 // 200000 // 200000 // 200000 // 200000 // 200000 // 200000 // 200000	10000 50000 95000 10000 50000 95000 5000	102,0 100,0 94,0 92,0 102,0 100,0 94,0 91,0 Typical [dB] 0,00 -1,20 -13,20 0,00 -0,50 -11,00 0,00 -3,10	12,0 12,0 12,0 12,0 12,0 12,0 12,0 12,0	-0,05 -1,19 -13,26 -0,01 -0,45 -11,36 0,00 -3,22 -40,44	102,3 109,8 103,1 96,0 93,1 107,0 102,2 95,9 92,9 <b>% of tol</b> 4,69 0,59 3,16 1,49 2,71 17,79 0,16 5,88 14,81	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	PA PA PA PA PA PA PA PA PA PA PA PA PA P
0.1V Dual or 0 0 0 0 0 0  Low pass filter.  Name LP 100kHz LP 5kHz LP 5kHz LP 5kHz LP 5kHz LP 5kHz	1V core core core core core core core core	100000 2000 10000 50000 100000 2000 100000 50000 100000  SR [Hz] // 200000 // 200000 // 200000 // 200000 // 200000 // 200000 // 200000 // 200000 // 200000 // 200000 // 200000	10000 50000 95000 10000 50000 95000 5000	102,0 100,0 94,0 92,0 102,0 100,0 94,0 91,0 Typical [dB] 0,00 -1,20 -13,20 0,00 -0,50 -11,00 0,00 -3,10 -40,00	12,0 12,0 12,0 12,0 12,0 12,0 12,0 12,0	-0,05 -1,19 -13,26 -0,01 -0,45 -11,36 0,00 -3,22 -40,44	102,3 109,8 103,1 96,0 93,1 107,0 102,2 95,9 92,9 <b>% of tol</b> 4,69 0,59 3,16 1,49 2,71 17,79 0,16 5,88	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	PA PA PA PA PA PA PA PA PA PA PA PA PA P
0.1V Dual or 0 0 0 0 0 0 Low pass filter  Name LP 100kHz LP 5kHz LR 5kHz	1V core core core core core core core core	100000 2000 10000 50000 100000 2000 100000 50000 100000  SR [Hz] // 200000 // 200000 // 200000 // 200000 // 200000 // 200000 // 200000 // 200000 // 200000 // 200000 // 200000 // 200000 // 200000 // 200000 // 200000	10000 50000 95000 10000 50000 5000 5000	102,0 100,0 94,0 92,0 102,0 100,0 94,0 91,0 Typical [dB] 0,00 -1,20 -13,20 0,00 -0,50 -11,00 0,00 -3,10 -40,00	12,0 12,0 12,0 12,0 12,0 12,0 12,0 12,0	-0,05 -1,19 -13,26 -0,01 -0,45 -11,36 0,00 -3,22 -40,44	102,3 109,8 103,1 96,0 93,1 107,0 102,2 95,9 92,9 <b>% of tol</b> 4,69 0,59 3,16 1,49 2,71 17,79 0,16 5,88 14,81	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	PA PA PA PA PA PA PA PA PA PA PA PA PA P
0.1V Dual or 0 0 0 0 0 0 0  Low pass filter  Name  LP 100kHz LP 5kHz LR 5kHz	1V core core core core core core core core	100000 2000 10000 50000 100000 2000 100000 50000 100000  SR [Hz] / 200000 / 200000 / 200000 / 200000 / 200000 / 200000 / 200000 / 200000 / 200000 / 200000 / 200000 / 200000	10000 50000 95000 10000 50000 5000 5000	102,0 100,0 94,0 92,0 102,0 100,0 94,0 91,0 Typical [dB] 0,00 -1,20 0,00 -1,20 0,00 -1,20 0,00 -1,20 0,00 -1,20 0,00 -40,00 -40,00 Max tol. [V	12,0 12,0 12,0 12,0 12,0 12,0 12,0 12,0	-0,05 -1,19 -13,26 -0,01 -0,45 -11,36 0,00 -3,22 -40,44	102,3 109,8 103,1 96,0 93,1 107,0 102,2 95,9 92,9 <b>% of tol</b> 4,69 0,59 3,16 1,49 2,71 17,79 0,16 5,88 14,81	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	PA PA PA PA PA PA PA PA PA PA PA PA PA P
0.1V Dual of 0.1V	1V core core core core core core core core	100000 2000 10000 50000 100000 2000 100000 50000 100000  SR [Hz] // 200000	10000 50000 95000 10000 50000 5000 5000	102,0 100,0 94,0 92,0 102,0 100,0 94,0 91,0 Typical [dB] 0,00 -1,20 -13,20 0,00 -0,50 -11,00 0,00 -3,10 -40,00 Max tol. [V 0,002500 0,004500	12,0 12,0 12,0 12,0 12,0 12,0 12,0 12,0	-0,05 -1,19 -13,26 -0,01 -0,45 -11,36 0,00 -3,22 -40,44 red [V] 999954 000259	102,3 109,8 103,1 96,0 93,1 107,0 102,2 95,9 92,9 <b>% of tol</b> 4,69 0,59 3,16 1,49 2,71 17,79 0,16 5,88 14,81	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	PA PA PA PA PA PA PA PA PA PA PA PA PA P
0.1V Dual or 0 0 0 0 0 0 0  Low pass filter  Name  LP 100kHz LP 5kHz LR 5kHz	1V core core core core core core core core	100000 2000 10000 50000 100000 2000 100000 50000 100000  SR [Hz] / 200000 / 200000 / 200000 / 200000 / 200000 / 200000 / 200000 / 200000 / 200000 / 200000 / 200000 / 200000	10000 50000 95000 10000 50000 5000 5000	102,0 100,0 94,0 92,0 102,0 100,0 94,0 91,0 Typical [dB] 0,00 -1,20 0,00 -1,20 0,00 -1,20 0,00 -1,20 0,00 -1,20 0,00 -40,00 -40,00 Max tol. [V	12,0 12,0 12,0 12,0 12,0 12,0 12,0 12,0	-0,05 -1,19 -13,26 -0,01 -0,45 -11,36 0,00 -3,22 -40,44	102,3 109,8 103,1 96,0 93,1 107,0 102,2 95,9 92,9 <b>% of tol</b> 4,69 0,59 3,16 1,49 2,71 17,79 0,16 5,88 14,81	0,00 0,00 0,00 0,00 0,00 0,00 0,00 0,0	PA PA PA PA PA PA PA PA PA PA PA

<b>Excitation current</b>			(大) (1) (1) (1) (1) (2) (2) (2) (3) (3) (3) (3) (4)				er eta era era Grande era
Reference [mA]	Abs tol. [mA]	Ret tol. [%]	Max tol. [mA]	Measured [mA]	% of tol	Uncert, [mA]	P/F
0,100000	0,002000	0,10	0,002100	0,100491	23,36	1,367E-03	PASS
1,000000	0,002000	0,10	0,003000	0,999723	9,22	1,667E-03	PASS
10,000000	0,002000	0,10	0,012000	10,000129	1,07	4,667E-03	PASS
12,000000	0,050000	0,50	0,110000	11,999249	0,68	7,333E-03	PASS
44,000000	0,050000	0,50	0,270000	44,000274	0,10	1,800E-02	PASS

Bridge				
Bridge mode	Voltage	Balanced	Debalanced	Shunts P/F
Full bridge	PASS	PASS	PASS	PASS PASS
Half bridge	PASS	PASS	PASS	PASS PASS
Quarter bridge 120 Ohm	-	PASS	PASS	PASS PASS
Quarter bridge 350 Ohm	•	PASS	PASS	PASS PASS

i uli bituge	1 700	1 700	1 700	1 400	1 700
Half bridge	PASS	PASS	PASS	PASS	PASS
Quarter bridge 120 Ohm	-	PASS	PASS	PASS	PASS
Quarter bridge 350 Ohm	•	PASS	PASS	PASS	PASS
- Children Berger Addition	。 [1] [1] [1] [1] [1] [1] [1] [2] [2] [2] [2] [2] [2] [2] [2] [2] [2	ang King Tangang Kangang Panggang Panggang Panggang Panggang Panggang Panggang Panggang Panggang Panggang Pang			54-4,174
Functionality tests					
				Description	PIF
			Single end	ed/differential mode	PASS
			• •	TED\$	PASS

Certificate number: D00904EA54-101016

Unit under test SIRIUS-STG
Serial number D00904EA54
Hardware version 1.5.0.0
Firmware version 1.17

System SN D00BFFDA8B Motherboard SN D006A28C27

Slot

Procedure name SIRIUS-STG check

Procedure version 4.7

Confidence level 95% (sigma 2)
Temperature 23,0 °C
Humidity 45%

Performed by Loic Renaudin
Location DEWEFRANCE
Calibration date 10.10.2016 17:11:56

Calibration status PASS State As-left

#### Devices used for calibration

Company	Name	Description	Serial number	Certificate number	Due date
DEWESoft	DS-CAL 1 (V3)	Calibration board	D02FC4B6C9	1	1
FLUKE	5520A	Calibrator	708021 <b>1</b>	1594241	15.02.2017
Agilent	34401A	Multimeter	3146A27101	155413	03.12.2016

Analog input accu	ıracy								
Range	SR [Hz]	Reference [V]	Abs tol. [V]	Rel tol. [%]	Max tol. [V]	Measured [V]	% of tol	Uncert. [V]	PJF
50V Dual core	10000	-49,000000	0,010000	0,05	0,034500	-49,000211	0,61	8,000E-04	PASS
50V Dual core	10000	-2,450000	0,010000	0,05	0,011225	-2,450055	0,49	2,244E-05	PASS
50V Dual core	10000	0,000000	0,010000	0,05	0,010000	-0,000040	0,40	7,752E-07	PASS
50V Dual core	10000	2,450000	0,010000	0,05	0,011225	2,449950	0,44	2,244E-05	PASS
50V Dual core	10000	49,000000	0,010000	0,05	0,034500	49,000407	1,18	8,000E-04	PASS
50V	10000	-49,000000	0,020000	0,05	0,044500	-49,000156	0,35	8,000E-04	PASS
50V	10000	0,000000	0,020000	0,05	0,020000	0,000015	0,08	7,752E-07	PASS
50V	10000	49,000000	0,020000	0,05	0,044500	49,000463	1,04	8,000E-04	PASS
10V Dual core	2000	-9,800000	0,001000	0,05	0,005900	-9,800008	0,14	1,067E-04	PASS
10V Dual core	10000	-9,800000	0,001000	0,05	0,005900	-9,800115	1,94	1,067E-04	PASS
10V Dual core	50000	-9,800000	0,001000	0,05	0,005900	-9,799980	0,35	1,067E-04	PASS
10V Dual core	100000	-9,800000	0,001000	0,05	0,005900	-9,799968	0,55	1,067E-04	PASS
10V Dual core	200000	-9,800000	0,001000	0,05	0,005900	-9,799974	0,45	1,067E-04	PASS
10V Dual core	2000	-0,490000	0,001000	0,05	0,001245	-0,489971	2,29	5,729E-06	PASS
10V Dual core	10000	-0,490000	0,001000	0,05	0,001245	-0,489997	0,21	5,729E-06	PASS
10V Dual core	50000	-0,490000	0,001000	0,05	0,001245	-0,489990	0,79	5,729E-06	PASS
10V Dual core	100000	-0,490000	0,001000	0,05	0,001245	-0,489995	0,41	5,729E-06	PASS
10V Dual core	200000	-0,490000	0,001000	0,05	0,001245	-0,489996	0,32	5,729E-06	PASS
10V Dual core	2000	0,000000	0,001000	0,05	0,001000	0,000032	3,19	7,752E-07	PASS
10V Dual core	10000	0,000000	0,001000	0,05	0,001000	0,000007	0,70	7,752E-07	PASS
10V Dual core	50000	0,000000	0,001000	0,05	0,001000	-0,000004	0,35	7,752E-07	PASS
10V Dual core	100000	0,000000	0,001000	0,05	0,001000	-0,000009	0,92	7,752E-07	PASS
10V Dual core	200000	0,000000	0,001000	0,05	0,001000	-0,000009	0,94	7,752E-07	PASS
10V Dual core	2000	0,490000	0,001000	0,05	0,001245	0,490030	2,42	5,729E-06	PASS
10V Dual core	10000	0,490000	0,001000	0,05	0,001245	0,490006	0,49	5,729E-06	PASS
10V Dual core	50000	0,490000	0,001000	0,05	0,001245	0,489967	2,62	5,729E-06	PASS
10V Dual core	100000	0,490000	0,001000	0,05	0,001245	0,489960	3,17	5,729E-06	PASS
10V Dual core	200000	0,490000	0,001000	0,05	0,001245	0,489962	3,06	5,729E-06	PASS
10V Dual core	2000	9,800000	0,001000	0,05	0,005900	9,799954	0,77	1,067E-04	PASS
10V Dual core	10000	9,800000	0,001000	0,05	0,005900	9,799992	0,14	1,067E-04	PASS
10V Dual core	50000	9,800000	0,001000	0,05	0,005900	9,799737	4,45	1,067E-04	PASS
10V Dual core	100000	9,800000	0,001000	0,05	0,005,900	9,799735	4,49	1,067E-04	PASS
10V Dual core	200000	9,800000	0,001000	0,05	0,005900	9,799737	4,45	1,067E-04	PASS
10V	2000	-9,800000	0,002000	0,05	0,006900	-9,800046	0,67	1,067E-04	PASS
10V	10000	-9,800000	0,002000	0,05	0,006900	-9,800120	1,74	1,067E-04	PASS
10V	50000	-9,800000	0,002000	0,05	0,006900	-9,800036	0,52	1,067E-04	PASS
10V	100000	-9,800000	0,002000	0,05	0,006900	-9,800024	0,35	1,067E-04	PASS
10V	200000	-9,800000	0,002000	0,05	0,006900	-9,800027	0,39	1,067E-04	PASS
10V	2000	0,000000	0,002000	0,05	0,002000	-0,000006	0,32	7,752E-07	PASS
10V	10000	0,000000	0,002000	0,05	0,002000	0,000002	0,09	7,752E-07	PASS
10V	50000	0,000000	0,002000	0,05	0,002000	-0,000060	3,00	7,752E-07	PASS
10V	100000	0,000000	0,002000	0,05	0,002000	-0,000066	3,29	7,752E-07	PASS
10V	200000	0,000000	0,002000	0,05	0,002000	-0,000063	3,15	7,752E-07	PASS

Certificate number: D00904EA54-101016



Range	SR [Hz]	Reference [V]	Abs tol. [V]	Rel tol. [%]	Max tol. [V]	Measured [V]	% of tol	Uncert. [V]	P/F
			A TOTAL CONTRACTOR OF THE PROPERTY OF						
10V	2000	9,800000	0,002000	0,05	0,006900	9,799916	1,22	1,067E-04	PASS
10V	10000	9,800000	0,002000	0,05	0,006900	9,799986	0,20	1,067E-04	PASS
10V	50000	9,800000	0,002000	0,05	0,006900	9,799681	4,62	1,067E-04	PASS
10V	100000	9,800000	0,002000	0,05	0,006900	9,799678	4,66	1,067E-04	PASS
10V	200000	9,800000	0,002000	. 0,05	0,006900	9,799684	4,59	1,067E-04	PASS
						•			
1V Dual core	10000	-0,980000	0,000200	0,05	0,000690	-0,980034	4,89	9,907E-06	PASS
1V Dual core	10000	-0,049000	0,000200	0,05	0,000225	-0,049000	0,02	1,535E-06	PASS
1V Dual core	10000	0,000000	0,000200	0,05	0,000200	0,000001	0,42	7,752E-07	PASS
1V Dual core	10000	0,049000	0,000200	0,05	0,000225	0,049001	0,38	1,535E-06	PASS
		·							
1V Dual core	10000	0,980000	0,000200	0,05	0,000690	0,979979	2,99	9,907E-06	PASS
1∨	10000	-0,980000	0,000200	0,05	0,000690	-0,980034	4,98	9,907E-06	PASS
1V	10000	0,000000	0,000200	0,05	0,000200	0,000000	0,11	7,752E-07	PASS
1V	10000	0,980000	0,000200	0,05	0,000690	0,979979	3,08	9,907E-06	PASS
0.1V Dual core	10000	-0,098000	0,000100	0,05	0,000149	-0,098002	1,22	2,295E-06	PASS
0.1V Dual core	10000	-0,004900	0,000100	0,05	0,000102	-0,004900	0,18	8,512E-07	PASS
0.1V Dual core	10000	0,000000	0,000100	0,05	0,000100	0,000000	0,06	7,752E-07	PASS
0.1V Dual core	10000	0,004900	0,000100	0,05	0,000102	0,004900	0,03	8,512E-07	PASS
0.1V Dual core	10000	0,098000	0,000100	0,05	0,000149	0,098000	0,02	2,295E-06	PASS
							1,15		PASS
0.1V	10000	-0,098000	0,000100	0,05	0,000149	-0,098002		2,295E-06	
0.1V	10000	0,000000	0,000100	0,05	0,000100	0,00000	0,17	7,752E-07	PASS
0.1V	10000	0,098000	0,000100	0,05	0,000149	0,098000	0,09	2,295E~06	PASS
SNR		<b>基本在为</b> 公司							
		Andrews and the control of the contr					A SAME OF THE PROPERTY OF THE		
n de Maria III. I e Re	inge	SR [Hz]	Typic	al [dB]	Max tol. [dB]	Measure	a complete the contract of the	% of tal	P/F
50V Dual	core	2000		123,0	12,0		126,6	0,00	PASS
50V Dual		10000		118,0	12,0		120,7	0,00	PASS
50V Dual		50000		111,0	12,0		114,0	0,00	PASS
								·	
50V Dual	core	100000		108,0	12,0		111,1	0,00	PASS
	50V	2000		108,0	12,0		109,6	0,00	PASS
	50V	10000		108,0	12,0		109,2	0,00	PASS
	50V	50000		106,0	12,0		107,9	0,00	PASS
								0,00	PASS
	50V	100000	•	104,0	12,0		104,8		
10V Dual	core	2000		128,0	12,0		131,3	0,00	PASS
10V Dual	core	10000	•	125,0	12,0		126,7	0,00	PASS
10V Dual	соге	50000		119,0	12,0		120,5	0,00	PASS
10V Dual		100000		116,0	12,0		117,5	0,00	PASS
10V Duai									
	10V	2000		108,0	12,0		109,7	0,00	PASS
	10V	10000		107,0	12,0		109,6	0,00	PASS
	10V	50000		107,0	12,0		108,8	0,00	PASS
	10V	100000		104,0	12,0		105,6	0,00	PASS
4175									PASS
1V Dual		2000		119,0	12,0		121,4	0,00	
1V Dua	l core	10000		113,0	12,0		114,8	0,00	PASS
1V Dua	l core	50000		106,0	12,0		107,8	0,00	PASS
1V Dua	l core	100000		103,0	12,0		104,8	0,00	PASS
	1V	2000		108,0	12,0		109,4	0,00	PASS
								0,00	PASS
	1V	10000		107,0	12,0		108,4		
	1V	50000		104,0	12,0		105,3	0,00	PASS
	1V	100000		101,0	12,0		102,3	0,00	PASS
0.1V Dua	core	2000		102,0	12,0		109,4	0,00	PASS
0.1V Dua		10000		100,0	12,0		102,8	0,00	PASS
								0,00	PASS
0.1V Dua		50000		94,0	12,0		95,9		
0.1V Dua	i core	100000		92,0	12,0		93,0	0,00	PASS
	0.1V	2000		102,0	12,0		106,8	0,00	PASS
	0.1V	10000		100,0	12,0		102,0	0,00	PASS
	0.1V	50000		94,0	12,0		95,7	0,00	PASS
	0.1V			91,0	12,0		92,8	0,00	PASS
	U, I V	100000		31,0	12,0		محب	0,00	1 700
grand the contract of the contract of	nga a <u>nggala da</u>	i stransi ili e lateri ili e di		ys, a flat tost tales		14 (Sept. 1884)	managara kan ber	Control Services	A. 188
		and a filled to the file							23/48/10/17
Low pass filter			Frequency [Hz]	Typical [dB]	Max tol. [dB]	Measured [dB]	% of tol	Uncert. [dB]	P/F
	Рапле	F-H1 92					- Control of Colores Colored Colores	The second secon	
Name	Range	SR [Hz]	and the second s	ח חר		-D DE	A 70	5 05/15:02	PAGG
Name LP 100kHz	50V	200000	10000	0,00	1,00	-0,05	4,78	5,954E-03	PASS
Name LP 100kHz LP 100kHz	50∨ 50∨	200000 200000	10000 50000	-1,20	2,00	-1,20	0,23	1,107E-02	PASS
Name LP 100kHz	50V	200000 200000	10000						
Name LP 100kHz LP 100kHz LP 100kHz LP 100kHz	50V 50V 50V	200000 200000 200000	10000 50000 95000	-1,20 -13,20	2,00 2,00	-1,20 -13,22	0,23	1,107E-02	PASS
Name LP 100kHz LP 100kHz LP 100kHz LP 100kHz LP 100kHz	50V 50V 50V 10V	200000 200000 200000 200000	10000 50000 95000 10000	-1,20 -13,20 0,00	2,00 2,00 1,00	-1,20 -13,22 <b>-</b> 0,02	0,23 1,20 1,70	1,107E-02 4,124E-02 5,954E-03	PASS PASS PASS
Name LP 100kHz LP 100kHz LP 100kHz LP 100kHz LP 100kHz LP 100kHz	50V 50V 50V 10V	200000 200000 200000 200000 200000	10000 50000 95000 10000 50000	-1,20 -13,20 0,00 -0,50	2,00 2,00 1,00 2,00	-1,20 -13,22 -0,02 -0,48	0,23 1,20 1,70 1,13	1,107E-02 4,124E-02 5,954E-03 1,107E-02	PASS PASS PASS PASS
Name LP 100kHz	50V 50V 50V 10V 10V	200000 200000 200000 200000 200000 200000	10000 50000 95000 10000 50000 95000	-1,20 -13,20 0,00 -0,50 -11,00	2,00 2,00 1,00 2,00 2,00	-1,20 -13,22 -0,02 -0,48 -11,27	0,23 1,20 1,70 1,13 13,68	1,107E-02 4,124E-02 5,954E-03 1,107E-02 4,124E-02	PASS PASS PASS PASS PASS
Name LP 100kHz LP 100kHz LP 100kHz LP 100kHz LP 100kHz LP 100kHz	50V 50V 50V 10V	200000 200000 200000 200000 200000 200000	10000 50000 95000 10000 50000	-1,20 -13,20 0,00 -0,50	2,00 2,00 1,00 2,00	-1,20 -13,22 -0,02 -0,48 -11,27 0,00	0,23 1,20 1,70 1,13	1,107E-02 4,124E-02 5,954E-03 1,107E-02	PASS PASS PASS PASS
Name LP 100kHz	50V 50V 50V 10V 10V	200000 200000 200000 200000 200000 200000 200000	10000 50000 95000 10000 50000 95000 500	-1,20 -13,20 0,00 -0,50 -11,00	2,00 2,00 1,00 2,00 2,00	-1,20 -13,22 -0,02 -0,48 -11,27	0,23 1,20 1,70 1,13 13,68	1,107E-02 4,124E-02 5,954E-03 1,107E-02 4,124E-02	PASS PASS PASS PASS PASS
Name LP 100kHz LP 5kHz LP 5kHz	50V 50V 50V 10V 10V 10V 10V	200000 200000 200000 200000 200000 200000 200000 200000	10000 50000 95000 10000 50000 95000 5000	-1,20 -13,20 0,00 -0,50 -11,00 0,00 -3,10	2,00 2,00 1,00 2,00 2,00 1,00 2,00	-1,20 -13,22 -0,02 -0,48 -11,27 0,00 -2,99	0,23 1,20 1,70 1,13 13,68 0,05 5,40	1,107E-02 4,124E-02 5,954E-03 1,107E-02 4,124E-02 5,954E-03 5,954E-03	PASS PASS PASS PASS PASS PASS
Name LP 100kHz LP 5kHz	50V 50V 50V 10V 10V 10V	200000 200000 200000 200000 200000 200000 200000 200000	10000 50000 95000 10000 50000 95000 5000	-1,20 -13,20 0,00 -0,50 -11,00 0,00	2,00 2,00 1,00 2,00 2,00 1,00	-1,20 -13,22 -0,02 -0,48 -11,27 0,00	0,23 1,20 1,70 1,13 13,68 0,05	1,107E-02 4,124E-02 5,954E-03 1,107E-02 4,124E-02 5,954E-03	PASS PASS PASS PASS PASS
Name LP 100kHz LP 100kHz LP 100kHz LP 100kHz LP 100kHz LP 100kHz LP 5kHz LP 5kHz LP 5kHz	50v 50v 50v 10v 10v 10v 10v	200000 200000 200000 200000 200000 200000 200000 200000	10000 50000 95000 10000 50000 95000 5000	-1,20 -13,20 0,00 -0,50 -11,00 0,00 -3,10	2,00 2,00 1,00 2,00 2,00 1,00 2,00	-1,20 -13,22 -0,02 -0,48 -11,27 0,00 -2,99	0,23 1,20 1,70 1,13 13,68 0,05 5,40	1,107E-02 4,124E-02 5,954E-03 1,107E-02 4,124E-02 5,954E-03 5,954E-03	PASS PASS PASS PASS PASS PASS
Name LP 100kHz LP 5kHz LP 5kHz	50V 50V 50V 10V 10V 10V 10V 10V	200000 200000 200000 200000 200000 200000 200000 200000 200000	10000 50000 95000 10000 50000 95000 5000	-1,20 -13,20 0,00 -0,50 -11,00 0,00 -3,10 -40,00	2,00 2,00 1,00 2,00 2,00 1,00 2,00 3,00	-1,20 -13,22 -0,02 -0,48 -11,27 0,00 -2,99 -40,21	0,23 1,20 1,70 1,13 13,68 0,05 5,40 6,91	1,107E-02 4,124E-02 5,954E-03 1,107E-02 4,124E-02 5,954E-03 5,954E-03 1,107E-02	PASS PASS PASS PASS PASS PASS PASS PASS
Name LP 100kHz LP 100kHz LP 100kHz LP 100kHz LP 100kHz LP 100kHz LP 5kHz LP 5kHz LP 5kHz	50V 50V 50V 10V 10V 10V 10V 10V	200000 200000 200000 200000 200000 200000 200000 200000 200000	10000 50000 95000 10000 50000 95000 5000	-1,20 -13,20 0,00 -0,50 -11,00 0,00 -3,10	2,00 2,00 1,00 2,00 2,00 1,00 2,00 3,00	-1,20 -13,22 -0,02 -0,48 -11,27 0,00 -2,99	0,23 1,20 1,70 1,13 13,68 0,05 5,40	1,107E-02 4,124E-02 5,954E-03 1,107E-02 4,124E-02 5,954E-03 5,954E-03	PASS PASS PASS PASS PASS PASS
Name LP 100kHz LP 5kHz LP 5kHz LP 5kHz LP 5kHz Reference [	50V 50V 50V 10V 10V 10V 10V 10V	200000 200000 200000 200000 200000 200000 200000 200000	10000 50000 95000 10000 50000 95000 5000	-1,20 -13,20 0,00 -0,50 -11,00 0,00 -3,10 -40,00	2,00 2,00 1,00 2,00 2,00 1,00 2,00 3,00	-1,20 -13,22 -0,02 -0,48 -11,27 0,00 -2,99 -40,21	0,23 1,20 1,70 1,13 13,68 0,05 5,40 6,91	1,107E-02 4,124E-02 5,954E-03 1,107E-02 4,124E-02 5,954E-03 5,954E-03 1,107E-02	PASS PASS PASS PASS PASS PASS PASS PASS
Name LP 100kHz LP 5kHz LP 5kHz LP 5kHz LP 5kHz Reference []	50V 50V 50V 10V 10V 10V 10V 10V	200000 200000 200000 200000 200000 200000 200000 200000	10000 50000 95000 10000 50000 95000 5000	-1,20 -13,20 0,00 -0,50 -11,00 0,00 -3,10 -40,00 Max tol. IV 0,00250	2,00 2,00 1,00 2,00 2,00 1,00 2,00 3,00 7] Measu	-1,20 -13,22 -0,02 -0,48 -11,27 0,00 -2,99 -40,21	0,23 1,20 1,70 1,13 13,68 0,05 5,40 6,91 % of tol 4,93	1,107E-02 4,124E-02 5,954E-03 1,107E-02 4,124E-02 5,954E-03 5,954E-03 1,107E-02	PASS PASS PASS PASS PASS PASS PASS PASS
Name LP 100kHz LP 5kHz LP 5kHz LP 5kHz LP 5kHz LP 5kHz Secitation voltage Reference [1]	50V 50V 50V 10V 10V 10V 10V 10V 10V	200000 200000 200000 200000 200000 200000 200000 200000 200000 0,002000 0,002000	10000 50000 95000 10000 50000 95000 5000	-1,20 -13,20 0,00 -0,50 -11,00 0,00 -3,10 -40,00 Max tol. [V 0,00250 0,00450	2,00 2,00 1,00 2,00 2,00 1,00 2,00 3,00 Measu 10 00 4,	-1,20 -13,22 -0,02 -0,48 -11,27 0,00 -2,99 -40,21 red [V] 999877 999978	0,23 1,20 1,70 1,13 13,68 0,05 5,40 6,91 % of tol 4,93 0,49	1,107E-02 4,124E-02 5,954E-03 1,107E-02 4,124E-02 5,954E-03 1,107E-02 Uncert [V] 3,133E-05 1,500E-04	PASS PASS PASS PASS PASS PASS PASS PASS
Name LP 100kHz LP 5kHz LP 5kHz LP 5kHz LP 5kHz LP 5kHz 1,000000000000000000000000000000000000	50V 50V 50V 10V 10V 10V 10V 10V 20 20 20	200000 200000 200000 200000 200000 200000 200000 200000 0,002000 0,002000	10000 50000 95000 10000 50000 95000 5000	-1,20 -13,20 0,00 -0,50 -11,00 0,00 -3,10 -40,00 Max tol. [N 0,00250 0,00450 0,00700	2,00 2,00 1,00 2,00 1,00 2,00 3,00  7] Measu 00 0 4,00 9	-1,20 -13,22 -0,02 -0,48 -11,27 0,00 -2,99 -40,21 red [V] ,999877 ,999978 999944	0,23 1,20 1,70 1,13 13,68 0,05 5,40 6,91 <b>% of tol</b> 4,93 0,49 0,79	1,107E-02 4,124E-02 5,954E-03 1,107E-02 4,124E-02 5,954E-03 5,954E-03 1,107E-02 Uncert [V] 3,133E-05 1,500E-04 2,667E-04	PASS PASS PASS PASS PASS PASS PASS PASS
Name LP 100kHz LP 5kHz LP 5kHz LP 5kHz LP 5kHz LP 5kHz Secitation voltage Reference [1]	50V 50V 50V 10V 10V 10V 10V 10V 20 20 20	200000 200000 200000 200000 200000 200000 200000 200000 200000 0,002000 0,002000	10000 50000 95000 10000 50000 95000 5000	-1,20 -13,20 0,00 -0,50 -11,00 0,00 -3,10 -40,00 Max tol. [V 0,00250 0,00450	2,00 2,00 1,00 2,00 1,00 2,00 3,00  7] Measu 00 0 4,00 9	-1,20 -13,22 -0,02 -0,48 -11,27 0,00 -2,99 -40,21 red [V] 999877 999978	0,23 1,20 1,70 1,13 13,68 0,05 5,40 6,91 % of tol 4,93 0,49	1,107E-02 4,124E-02 5,954E-03 1,107E-02 4,124E-02 5,954E-03 1,107E-02 Uncert [V] 3,133E-05 1,500E-04	PASS PASS PASS PASS PASS PASS PASS PASS

Reference [mA]	Abs tol. [mA]	Rel tol. [%]	Max tol. [mA]	Measured [mA]	% of tol	Uncert, [mA]	P/I
0,100000	0,002000	0,10	0,002100	0,100417	19,87	1,367E-03	PAS
1,000000	0,002000	0,10	0,003000	0,999948	1,74	1,667E-03	PAS
10,000000	0,002000	0,10	0,012000	10,000038	0,32	4,667E-03	PAS
12,000000	0,050000	0,50	0,110000	12,001575	1,43	7,334E-03	PAS
44,000000	0,050000	0,50	0,270000	44,015931	5,90	1,801E-02	PAS
lge Bridge mod	tion to all the contract of th	Voltage	Balanced	Deba	llanced	Shunts	
Bridge mod Full brid	ge	PASS	PASS	Deba	PASS	PASS	PAS
Bridge mod Full bride Half bride	ge ge	and the second s	PASS PASS	Deba	PASS PASS	PASS PASS	P/I PAS PAS
Bridge mod Full brid	ge ge ım	PASS	PASS	Deba	PASS	PASS	PAS
Bridge mod Full bridg Half bridg Quarter bridge 120 Oh	ge ge ım	PASS	PASS PASS PASS	Deba	PASS PASS PASS	PASS PASS PASS	PAS PAS PAS
Bridge mod Full bridg Half bridg Quarter bridge 120 Oh Quarter bridge 350 Oh	ge ge ım	PASS	PASS PASS PASS	Deba	PASS PASS PASS	PASS PASS PASS	PAS PAS PAS

Certificate number: D00904EA55-101016

Unit under test SIRIUS-STG
Serial number D00904EA55
Hardware version 1.5.0.0
Firmware version 1.17

System SN D00BFFDA8B Motherboard SN D006A28C27

Slot

Procedure name SIRIUS-STG check

Procedure version 4.7 Confidence level 95%

Confidence level 95% (sigma 2)
Temperature 23,0 °C
Humidity 45%

Performed by Loic Renaudin
Location DEWEFRANCE
Calibration date 10.10.2016 17:12:00

Calibration status PASS State As-left

## Devices used for calibration

Devices used for ca	libration				and the second s
Company	Name	Description	Serial number	Certificate number	Due date
DEWESoft	DS-CAL 1 (V3)	Calibration board	D02FC4B6C9	1	1
FLUKE	5520A	Calibrator	7080211	1594241	15.02.2017
Agilent	34401A	Multimeter	3146A27101	155413	03.12.2016

Analog input acc	curacy								
Range	SR [Hz]	Reference [V]	Abs tol. [V]	Rel tol. [%]	Max tol. [V]	Measured [V]	% of tol	Uncert. [V]	P/F
50V Dual core	10000	-49,000000	0,010000	0,05	0,034500	-48,999887	0,33	8,000E-04	PASS
50V Dual core	10000	-2,450000	0,010000	0,05	0,011225	-2,450001	0,01	2,244E-05	PASS
50V Dual core	10000	0,000000	0,010000	0,05	0,010000	0,000039	0.39	7,752E-07	PASS
50V Dual core	10000	2,450000	0,010000	0,05	0,011225	2,450024	0,21	2,244E-05	PASS
50V Dual core	10000	49,000000	0,010000	0,05	0,034500	49,000382	1,11	8,000E-04	PASS
50V	10000	-49,000000	0,020000	0,05	0,044500	-48,999999	0,00	8,000E-04	PASS
50V	10000	0,000000	0,020000	0,05	0,020000	-0,000073	0,37	7,752E-07	PASS
50V	10000	49,000000	0,020000	0,05	0,044500	49,000270	0,61	8,000E-04	PASS
10V Dual core	2000	-9,800000	0,001000	0,05	0,005900	-9,800044	0,75	1,067E-04	PASS
10V Dual core	10000	-9,800000	0,001000	0,05	0,005900	-9,800083	1,40	1,067E-04	PASS
10V Dual core	50000	-9,800000	0,001000	0,05	0,005900	-9,800470	7,97	1,067E-04	PASS
10V Dual core	100000	-9,800000	0,001000	0,05	0,005900	-9,800463	7,85	1,067E-04	PASS
10V Dual core	200000	-9,800000	0,001000	0,05	0,005900	-9,800490	8,31	1,067E-04	PASS
10V Dual core	2000	-0,490000	0,001000	0,05	0,001245	-0,490062	4,95	5,729E-06	PASS
10V Dual core	10000	-0,490000	0,001000	0,05	0,001245	-0,490014	1,09	5,729E-06	PASS
10V Dual core	50000	-0,490000	0,001000	0,05	0,001245	-0,490011	0,86	5,729E-06	PASS
10V Dual core	100000	-0,490000	0,001000	0,05	0,001245	-0,490011	0,91	5,729E-06	PASS
10V Dual core	200000	-0,490000	0,001000	0,05	0,001245	-0,490008	0,61	5,729E-06	PASS
10V Dual core	2000	0,000000	0,001000	0,05	0,001000	-0,000058	5,77	7,752E-07	PASS
10V Dual core	10000	0,000000	0,001000	0,05	0,001000	-0,000009	0,93	7,752E-07	PASS
10V Dual core	50000	0,00000	0,001000	0,05	0,001000	-0,000002	0,18	7,752E-07	PASS
10V Dual core	100000	0,000000	0,001000	0,05	0,001000	-0,000002	0,15	7,752E-07	PASS
10V Dual core	200000	0,000000	0,001000	0,05	0,001000	0,000000	0,04	7,752E-07	PASS
10V Dua! core	2000	0,490000	0,001000	0,05	0,001245	0,489926	5,94	5,729E-06	PASS
10V Dual core	10000	0,490000	0,001000	0,05	0,001245	0,489985	1,19	5,729E-06	PASS
10V Dual core	50000	0,490000	0,001000	0,05	0,001245	0,489992	0,60	5,729E-06	PASS
10V Dual core	100000	0,490000	0,001000	0,05	0,001245	0,489992	0,66	5,729E-06	PASS
10V Dual core	200000	0,490000	0,001000	0,05	0,001245	0,489996	0,32	5,729E-06	PASS
10V Dual core	2000	9,800000	0,001000	0,05	0,005900	9,799719	4,76	1,067E-04	PASS
10V Dual core	10000	9,800000	0,001000	0,05	0,005900	9,799914	1,46	1,067E-04	PASS
10V Dual core	50000	000008,e	0,001000	0,05	0,005900	9,800292	4,94	1,067E-04	PASS
10V Dual core	100000	9,800000	0,001000	0,05	0,005900	9,800270	4,58	1,067E-04	PASS
10V Dual core	200000	9,800000	0,001000	0,05	0,005900	9,800289	4,90	1,067E-04	PASS
10V	2000	-9,800000	0,002000	0,05	0,006900	-9,800379	5,50	1,067E-04	PASS PASS
10V	10000	-9,800000	0,002000	0,05	0,006900	-9,800272	3,95	1,067E-04	PASS
10V	50000	-9,800000	0,002000	0,05	0,006900	-9,800499	7,24	1,067E-04	
10V	100000	-9,800000	0,002000	0,05	0,006900	-9,800497	7,20	1,067E-04	PASS PASS
10V	200000	000008,e-	0,002000	0,05	0,006900	-9,800519	7,52	1,067E-04	PASS
10V	2000	0,000000	0,002000	0,05	0,002000	-0,000393	19,63	7,752E-07	PASS
10V	10000	0,000000	0,002000	0,05	0,002000	-0,000199	9,96	7,752E-07	
10V	50000	0,000000	0,002000	0,05	0,002000	-0,000031	1,56	7,752E-07 7,752E-07	PASS PASS
10V	100000	0,000000	0,002000	0,05	0,002000	-0,000035	1,75 1,43	7,752E-07 7,752E-07	PASS
10V	200000	0,000000	0,002000	0,05	0,002000	-0,000029	1,43	7,752⊑-07	r,woo

Certificate number: D00904EA55-101016



Page 1 of 3

Range	SR [Hz]	Reference [V]	Abs tol. [V]	Rel tol. [%]	Max tol. [V]	Measured [V]	% of tol	Uncert. [V]	P/F
10V	2000	9,800000	0,002000	0,05	0,006900	9,799384	8,93	1,067E-04	PASS
10V	10000	9,800000	0,002000	0,05	0,006900	9,799724	4,00	1,067E-04	PASS
10V	50000	9,800000	0,002000	0,05	0,006900	9,800262	3,80	1,067E-04	PASS
10V	100000	9,800000	0,002000	0,05	0,006900	9,800237	3,43	1,067E-04	PASS
10V	200000	9,800000	0,002000	0,05	0,006900	9,800260	.3,77	1,067E-04	PASS
1V Dual core	10000	-0,980000	0,000200	0,05	0,000690	-0,980030	4,37	9,907E-06	PASS
1V Dual core	10000	-0,049000	0,000200	0,05	0,000225	-0,049002	0,98	1,535E-06	PASS
1V Dual core	10000	0,000000	0,000200	0,05	0,000200	-0,000001	0,61	7,752E-07	PASS
1V Dual core 1V Dual core	10000	0,049000	0,000200	0,05	0,000225	0,048999	0,60	1,535E-06	PASS
1V Dual core	10000 10000	0,980000	0,000200	0,05	0,000690	0,979974	3,83	9,907E-06	PASS
1V 1V		-0,980000	0,000200	0,05	0,000690	-0,980044	6,35	9,907E-06	PASS
1V 1V	10000 10000	0,000000 0,980000	0,000200	0,05	0,000200	-0,000015	7,44	7,752E-07	PASS
0.1V Dual core	10000	-0,098000	0,000200 0,000100	0,05	0,000690	0,979960	5,81	9,907E-06	PASS
0.1V Dual core	10000	-0,004900	0,000100	0,05	0,000149	-0,098002	1,15	2,295E-06	PASS
0.1V Dual core	10000	0,000000	0,000100	0,05 0,05	0,000102	-0,004900	0,29	8,512E-07	PASS
0.1V Dual core	10000	0,004900	0,000100	0,05	0,000100 0,000102	0,000000	0,12	7,752E-07	PASS
0.1V Dual core	10000	0,098000	0,000100	0,05	0,000102	0,004900 0,098000	0,13	8,512E-07	PASS
0.1V	10000	-0,098000	0,000100	0,05	0,000149	-0,098003	0,16	2,295E-06	PAS\$
0.1V	10000	0,000000	0,000100	0,05	0,000149	-0,000001	1,98	2,295E-06	PASS
0.1V	10000	0,098000	0,000100	0,05	0,000100	0,097999	1,35	7,752E-07	PASS
V	10000	0,000000	0,000100	0,03	0,000149	0,097999	0,99	2,295E-06	PASS
SNR				Žuljūrak iš.		September 1975	103001V6403439		9-20-3 (CA)
Range		SR [Hz]	Typic	al [dB]	Max tol. [dB]		and the same of th		
50V Dual core	26. 27.E 7 1. 1	2000	Live William Liveic	123,0		Measure		% of tol	P/F
50V Dual core		10000		118,0	12,0 12,0		126,2	0,00	PASS
50V Dual core		50000		111,0	12,0		120,1	0,00	PASS
50V Dual core		100000		108,0	12,0		113,5 110,6	0,00	PASS
50V		2000		108,0	12,0		109,7	0,00	PASS
50V		10000		108,0	12,0		109,7	0,00	PASS
50V		50000		106,0	12,0		107,7	0,00	PASS
50V		100000		104,0	12,0		104,6	0,00 0,00	PASS .PASS
10V Duai core		2000		128,0	12,0		131,1	0,00	PASS
10V Dual core		10000		125,0	12,0		126,6	0,00	PASS
10V Dual core		50000		119,0	12,0		120,4	0,00	PASS
10V Dual core		100000		116,0	12,0		117,5	0,00	PASS
10V		2000		108,0	12,0		109,5	0,00	PASS
10V		10000		107,0	12,0		109,5	0,00	PASS
10V		50000		107,0	12,0		108,8	0,00	PASS
10V		100000		104,0	12,0		105,6	0,00	PASS
1V Dual core		2000		119,0	12,0		121,3	0,00	PASS
1V Dual core		10000		113,0	12,0		114,7	0,00	PASS
1V Dual core		50000		106,0	12,0		107,8	0,00	PASS
1V Dual core		100000		103,0	12,0		104,9	0,00	PASS
1V		2000		108,0	12,0		109,2	0,00	PASS
1V		10000		107,0	12,0		108,4	0,00	PASS
1V		50000		104,0	12,0		105,4	0,00	PASS
1V		100000		101,0	12,0		102,3	0,00	PASS
0.1V Dual core		2000		102,0	12,0		110,1	0,00	PASS
0.1V Dual core		10000		100,0	12,0		103,1	0,00	PASS
0.1V Dual core		50000		94,0	12,0		96,1	0,00	PASS
0.1V Dual core		100000		92,0	12,0		93,1	0,00	PASS
0.1V		2000		102,0	12,0		106,9	0,00	PASS
0.1V		10000		100,0	12,0		102,2	0,00	PASS
0.1V		50000		94,0	12,0		95,9	0,00	PASS
0,1V		100000		91,0	12,0		92,9	0,00	PASS
Low pass filter	لايندر دائر	会性に許ら <b>なが</b> ず <u>と</u> さ	that 2010 is the 1945					and the second	4.1
The second secon								PASSEL FOR	
Name	Range		Frequency [Hz]	Typical [dB]	Max tol. [dB]	Measured [dB]	% of tol	Uncert. [dB]	P/F
LP 100kHz	50V	200000	10000	0,00	1,00	-0,05	4,69	5,954E-03	PASS
LP 100kHz	50V	200000	50000	-1,20	2,00	-1,19	0,63	1,107E-02	PASS
LP 100kHz	50V	200000	95000	-13,20	2,00	-13,25	2,36	4,124E-02	PASS
LP 100kHz	10V	200000	10000	0,00	1,00	-0,02	1,54	5,954E-03	PASS
LP 100kHz	10V	200000	50000	-0,50	2,00	-0,46	2,10	1,107E-02	PASS
LP 100kHz	10V	200000	95000	-11,00	2,00	-11,44	22,24	4,124E-02	PASS
LP 5kHz	10V	200000	500	0,00	1,00	0,00	0,13	5,954E-03	PASS
LP 5kHz	10V	200000	5000	-3,10	2,00	-2,98	5,94	5,954E-03	PASS
LP 5kHz	10V	200000	50000	-40,00	3,00	-40,22	7,42	1,107E-02	PASS
Excitation voltage			한성(14 <u>0명원) 15.</u>				gare Millian in the contract of	Since the second	Sec. 27
Excitation voltage									
Reference [V]		s tol. [V]	Rel tol. [%]	Max tol. [V]	Measure	od [V]	% of tol	Uncert, [V]	P/F
1,000000		0,002000	0,05	0,002500	1,00	00021	0,84	3,133E-05	PASS
5,000000		0,002000	0,05	0,004500		01424	31,65	1,500E-04	PASS
10,000000		0,002000	0,05	0,007000		00949	13,56	2,667E-04	PASS
20,000000	(	0,002000	0,05	0,012000	20,00	00904	7,53	1,000E-03	PASS

xcitation current				进行的发展。			
Reference [mA]	Abs tol. [mA]	Rel tol. [%]	Max tol. [mA]	Measured [mA]	% of tol	Uncert [mA]	P/F
0,100000	0,002000	0,10	0,002100	0,100486	23,16	1,367E-03	PAS
1,000000	0,002000	0,10	0,003000	0,999909	3,03	1,667E-03	PAS
10,000000	0,002000	0,10	0,012000	10,001308	10,90	4,667E-03	PAS:
12,000000	0,050000	0,50	0,110000	11,998259	1,58	7,333E-03	PAS
44,000000	0,050000	0,50	0,270000	44,003397	1,26	1,800E-02	PASS
Bridge ma	the state of the same of the same of the same	Voltage	Balanc	- mark to the first to the contract through the condition of	Debalanced	Shunts	
	the state of the same of the same of the same	The second section of the second seco	Balanc	ed A Commission	Debalanced	Shunts	P/F
Full brid	•	PASS	PA		PASS	PASS	PASS
Half brid	•	PASS	PA		PASS	PASS	PASS
Quarter bridge 120 O		-	PA	SS	PASS	PASS	PASS
Quarter bridge 350 O	hm	-	PA	SS ·	PASS ·	PASS	PASS
unctionality tests						17.00	) AU
			and the state of t	e e contra accessionamento e e establica e ser establica e establica e establica e establica e establica e est			
	. And the late literal Co			l istoita attikulaiseksei		Description	P/F
					Single end	ded/differential mode	PASS
						TEDS	PASS

Certificate number: D00904EA56-101016

 Unit under test
 SIRIUS-STG

 Serial number
 D00904EA56

 Hardware version
 1.5.0.0

 Firmware version
 1.17

 System SN
 D00BFFDA8B

System SN D00BFFDA8B Motherboard SN D006A28C27

Slot 6

Procedure name SIRIUS-STG check

Procedure version 4.7

Confidence level 95% (sigma 2)
Temperature 23,0 °C
Humidity 45%

Performed by Loic Renaudin
Location DEWEFRANCE
Calibration date 10.10.2016 17:12:03

Calibration status PASS State As-left

### Devices used for calibration

Bottlebb about tot ba	noración				
Company	Name	Description	Serial number	Certificate number	Due date
DEWESoft	DS-CAL 1 (V3)	Calibration board	D02FC4B6C9	1	1
FLUKE	5520A	Calibrator	7080211	1594241	15.02.2017
Aailent	34401A	Multimeter	3146A27101	155413	03.12.2016

Analog input acc	curacy								
Range	SR [Hz]	Reference [V]	Abs tol. [V]	Rel tol. [%]	Max tol. [V]	Measured [V]	% of tol	Uncert. [V]	P/F
50V Dual core	10000	-49,000000	0,010000	0,05	0,034500	-49,000196	0,57	8,000E-04	PASS
50V Dual core	10000	-2,450000	0,010000	0,05	0,011225	-2,450037	0,33	2,244E-05	PASS
50V Dual core	10000	0,000000	0,010000	0,05	0,010000	-0,000019	0,19	7,752E-07	PASS
50V Dual core	10000	2,450000	0,010000	0,05	0,011225	2,449978	0,19	2,244E-05	PASS
50V Dual core	10000	49,000000	0,010000	0,05	0,034500	49,000329	0,95	8,000E-04	PASS
50V	10000	-49,000000	0,020000	0,05	0,044500	-49,000201	0,45	8,000E-04	PASS
50V	10000	0,000000	0,020000	0,05	0,020000	-0,000023	0,12	7,752E-07	PASS
50V	10000	49,000000	0,020000	0,05	0,044500	49,000325	0,73	8,000E-04	PASS
10V Dual core	2000	-9,800000	0,001000	0,05	0,005900	-9,800161	2,72	1,067E-04	PASS
10V Dual core	10000	-9,800000	0,001000	0,05	0,005900	-9,800223	3,79	1,067E-04	PASS
10V Dual core	50000	-9,800000	0,001000	0,05	0,005900	-9,800559	9,47	1,067E-04	PASS
10V Dual core	100000	-9,800000	0,001000	0,05	0,005900	-9,800545	9,23	1,067E-04	PASS
10V Dual core	200000	-9,800000	0,001000	0,05	0,005900	-9,800561	9,51	1,067E-04	PASS
10V Dual core	2000	-0,490000	0,001000	0,05	0,001245	-0,490023	1,85	5,729E-06	PASS
10V Dual core	10000	-0,490000	0,001000	0,05	0,001245	-0,490014	1,11	5,729E-06	PASS
10V Dual core	50000	-0,490000	0,001000	0,05	0,001245	-0,490021	1,65	5,729E-06	PASS
10V Dual core	100000	-0,490000	0,001000	0,05	0,001245	-0,490019	1,52	5,729E-06	PASS
10V Dual core	200000	-0,490000	0,001000	0,05	0,001245	-0,490019	1,55	5,729E-06	PASS
10V Dual core	2000	0,000000	0,001000	0,05	0,001000	-0,000023	2,26	7,752E-07	PASS
10V Dual core	10000	0,000000	0,001000	0,05	0,001000	-0,000008	0,82	7,752Ë-07	PASS
10V Dual core	50000	0,000000	0,001000	0,05	0,001000	-0,000010	0,96	7,752E-07	PASS
10V Dual core	100000	0,000000	0,001000	0,05	0,001000	-0,000006	0,59	7,752E-07	PASS PASS
10V Dual core	200000	0,000000	0,001000	0,05	0,001000	-0,000007	0,73	7,752E-07	
10V Dual core	2000	0,490000	0,001000	0,05	0,001245 0,001245	0,489972 0,489990	2,22 0,77	5,729E-06 5,729E-06	PASS PASS
10V Dual core	10000 50000	0,490000	0,001000 0,001000	0,05 0,05	0,001245	0,489985	1,18	5,729E-06	PASS
10V Dual core 10V Dual core	100000	0,490000 0,490000	0,001000	0,05	0,001245	0,489988	1,10	5,729E-06	PASS
10V Dual core	200000	0,490000	0,001000	0,05	0,001245	0,489988	0,95	5,729E-06	PASS
10V Dual core	20000	9,800000	0,001000	0,05	0,005900	9,799949	0,93	1,067E-04	PASS
10V Dual core	10000	9,800000	0,001000	0,05	0,005900	9,800026	0,44	1,067E-04	PASS
10V Dual core	50000	9,800000	0,001000	0,05	0,005900	9,800319	5,41	1,067E-04	PASS
10V Dual core	100000	9,800000	0,001000	0.05	0,005900	9,800298	5.05	1,067E-04	PASS
10V Dual core	200000	9,800000	0,001000	0,05	0,005900	9,800321	5,44	1,067E-04	PASS
10V	2000	-9,800000	0,002000	0,05	0,006900	-9,800185	2,68	1,067E-04	PASS
10V	10000	-9,800000	0,002000	0,05	0,006900	-9,800243	3,53	1,067E-04	PASS
10V	50000	-9,800000	0,002000	0,05	0,006900	-9,800597	8,65	1,067E-04	PASS
10V	100000	-9,800000	0,002000	0,05	0,006900	-9,800585	8,49	1.067E-04	PASS
10V	200000	-9,800000	0,002000	0,05	0,006900	-9,800597	8,66	1,067E-04	PASS
10V	2000	0,000000	0,002000	0,05	0,002000	-0,000047	2,35	7,752E-07	PASS
10V	10000	0,000000	0,002000	0,05	0,002000	-0,000028	1,41	7,752E-07	PASS
10V	50000	0,000000	0,002000	0,05	0,002000	-0,000048	2,39	7,752E-07	PASS
10V	100000	0,000000	0,002000	0,05	0,002000	-0,000047	2,33	7,752E-07	PASS
10V	200000	0,000000	0,002000	0,05	0,002000	-0,000043	2,16	7,752E-07	PASS

Certificate number: D00904EA56-101016



Rangé	SR [Hz]	Reference [V]	Abs tol. [V]	Rel tol. [%]	Max tol. [V]	Measured [V]	% of tol	Uncert. [V]	P/F
10V	2000	9,800000	0,002000	0,05	0,006900	9,799925	1,09	1,067E-04	PA\$\$
10V	10000	9,800000	0,002000	0,05	0,006900	9,800006	0,08	1,067E-04	PASS
10V	50000	9,800000	0,002000	0,05	0,006900	9,800281	4,07	1,067E-04	PASS
10V	100000	9,800000	0,002000	0,05	0,006900	9,800258	3,73	1,067E-04	PASS
10V	200000	9,800000	0,002000	0,05	0,006900	9,800285	4,13	1,067E-04	PASS
1V Dual core	10000	-0,980000	0,000200	0,05	0,000690	-0,980045	6,52	9,907E-06	PASS
1V Dual core	10000	-0,049000	0,000200	0,05	0,000225	-0,049002	0,86	1,535E-06	PASS
1V Dual core	10000	0,000000	0,000200	0,05	0,000200	-0,000001	0,56	7,752E-07	PASS
1V Dual core	10000	0,049000	0,000200	0,05	0,000225	0,048999	0,59	1,535E-06	PASS
1V Dual core	10000	0,980000	0,000200	0,05	0,000690	0,979981	2,71	9,907E-06	PASS
1V	10000	-0,980000	0,000200	0,05	0,000690	-0,980046	6,60	9,907E-06	PASS
1V	10000	0,000000	0,000200	0,05	0,000200	-0,000002	0,87	7,752E-07	PASS
1V 1	10000	0,980000	0,000200	0,05	0,000200	0,979981	2,80	9,907E-06	PASS
		•			-	-			
0.1V Dual core	10000	-0,098000	0,000100	0,05	0,000149	-0,098003	1,74	2,295E-06	PASS
0.1V Dual core	10000	-0,004900	0,000100	0,05	0,000102	-0,004900	0,31	8,512E-07	PASS
0.1V Dual core	10000	0,000000	0,000100	0,05	0,000100	0,000000	0,07	7,752E-07	PASS
0.1V Dual core	10000	0,004900	0,000100	0,05	0,000102	0,004900	0,02	8,512E-07	PASS
0.1V Dual core	10000	0,098000	0,000100	0,05	0,000149	0,098000	0,19	2,295E-06	PASS
0.1V	10000	-0,098000	0,000100	0,05	0,000149	-0,098003	1,70	2,295E-06	PASS
0.1V	10000	0,000000	0,000100	0,05	0,000100	0,000000	0,01	7,752E-07	PASS
0.1V	10000	0,098000	0,000100	0,05	0,000149	0,098000	0,24	2,295E-06	PASS
Free of trighteen and the control	santan da kamanan kalabat sa							eriologica de la composición dela composición de la composición de la composición de la composición de la composición dela composición de la composición dela composición dela composición de la composición de la composición dela composic	awan jang
SNR								aco (10 mily)	
	Range	SR [Hz]	Typica	l [dB]	Max tol. [dB]	Measure	d [dB]	% of tol	P/F
50V Du	ual core	2000		123,0	12,0		126,4	0,00	PASS
	ual core	10000		118,0	12,0		120,3	0,00	PASS
	ual core	50000		111,0	12,0		113,8	0,00	PASS
	ual core	100000		108,0	12,0		110,9	0,00	PASS
	50V	2000		108,0	12,0		109,7	0,00	PASS
	50V	10000		108,0	12,0		109,3	0,00	PASS
	50V	50000		106,0	12,0		107,9	0,00	PASS
	50V	100000		104,0	12,0		104,7	0,00	PASS
10V D								0,00	PASS
	ual core	2000		128,0	12,0		131,2	•	
	ual core	10000		125,0	12,0		126,6	0,00	PASS
	ual core	50000		119,0	12,0		120,5	0,00	PASS
10V D	ual core	100000		116,0	12,0		117,6	0,00	PASS
	10V	2000		108,0	12,0		109,5	0,00	PASS
	10V	10000		107,0	12,0		109,5	0,00	PASS
	10V	50000		107,0	12,0		108,8	0,00	PASS
	10V	100000		104,0	12,0		105,6	0,00	PASS
1V D	uai core	2000		119,0	12,0		121,3	0,00	PASS
1V D	ual core	10000		113,0	12,0		114,7	0,00	PASS
1V D	ual core	50000		106,0	12,0		107,9	0,00	PA\$\$
1V D	ual core	100000		103,0	12,0		104,9	0,00	PA\$\$
	1V	2000		108,0	12,0		109,3	0,00	PASS
	1V	10000		107,0	12,0		108,5	0,00	PASS
	1V	50000		104,0	12,0		105,4	0,00	PASS
	1V	100000		101,0	12,0		102,3	0,00	PASS
0.1V D	ual core	2000		102,0	12,0		109,6	0,00	PASS
	ual core	10000		100,0	12,0		102,8	0,00	PASS
0.1V D	ual core	50000		94,0	12,0		96,0	0,00	PASS
	ual core	100000		92,0	12,0		93,0	0,00	PASS
	0.1V	2000		102,0	12,0		106,9	0,00	PASS
	0.1V	10000		100,0	12,0		102,3	0,00	PASS
	0.1V	50000		94,0	12,0		95,8	0,00	PASS
	0.1V	100000		91,0	12,0		92,9	0,00	PASS
	2,,,,	100000		01,0	14.,0			0,00	
Low pass filter						entrophistories de la	숙마 조금관상	W1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
					Bank Kal	1522	6 6 6 6	1722220232	
Name	Range	· · · · · · · · · · · · · · · · · · ·	Frequency [Hz]	Typical [dB]		Measured [dB]	% of tol	Uncert. [dB]	P/F
LP 100kHz	50V	200000	10000	0,00	1,00	-0,05	4,64	5,954E-03	PASS
LP 100kHz	50V	200000	50000	-1,20	2,00	-1,20	0,13	1,107E-02	PASS
LP 100kHz	50V	200000	95000	-13,20	2,00	-13,36	7,79	4,124E-02	PASS
LP 100kHz	10V	200000	10000	0,00	1,00	-0,01	1,49	5,954E-03	PASS
LP 100kHz	10V	200000	50000	-0,50	2,00	-0,47	1,68	1,107E-02	PASS
LP 100kHz	10V	200000	95000	-11,00	2,00	-11,46	23,03	4,124E-02	PASS
LP 5kHz	10V	200000	500	0,00	1,00	0,00	0,00	5,954E-03	PASS
LP 5kHz	10V	200000	5000	-3,10	2,00	-3,03	3,43	5,954E-03	PASS
LP 5kHz	10V	200000	50000	-40,00	3,00	-40,19	6,32	1,107E-02	PASS
<b>Excitation volt</b>	age								
Reference	range, a compression of the access of the	bs tol. [V]	Rel tol. [%]	Max tol. [V]	Measui	red [V]	% of tol	Uncert. [V]	P/F
1,000	and the second second	0,002000	0,05	0,002500	The second secon	999952	1,93	3,133E-05	PASS
5,000		0,002000	0,05	0,002500		999042	21,30	3,133E-03 1,500E-04	PASS
·		0,002000	0,05						PASS
40.000									
10,000 20,000		0,002000	0,05	0,007000 0,012000		999164 999248	11,95 6,27	2,666E-04 1,000E-03	PASS

Excitation current	NE KUMUN PERMITUK KERANGA	n normanismo politico.					e jaren
Reference [mA]	Abs tol. [mA]	Rel tol. [%]	Max tol. [mA]	Measured [mA]	% of tol	Uncert. [mA]	PI
0.100000	0,002000	0,10	0,002100	0.100417	19,87	1.367E-03	PAS
1,000000	0,002000	0,10	0,003000	1,000431	14,36	1,667E-03	PAS
10,000000	0,002000	0,10	0,012000	10,000853	7,11	4,667E-03	PAS
12,000000	0,050000	0,50	0,110000	11,997742	2,05	7,333E-03	PAS
44,000000	0,050000	0,50	0,270000	43,985370	5,42	1,800E-02	PAS
en sen Stand genn men ingen neder nick sid i UT (N. 800 NA)	January 1981 - 1981 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985 - 1985	love was able of the common wildown and footbaston.	SAME TO SECURE A SECURITION OF THE SECURITIES.			amiento necesario no será inforce.	a vi vizivi da e
3ridge							7
Bridge mode		Voltage	Balanced	Debala	nced	Shunts	P/I
Full bridg	e	PASS	PASS	F	PASS	PASS	PAS
Half bridg	e	PASS	PASS	F	PASS	PASS	PAS
Quarter bridge 120 Ohr	n	•	PASS	F	PASS	PASS	PAS:
Quarter bridge 350 Ohr	ท	<u>.</u>	PASS	I	PASS	PASS	PASS
	nervici i ja i hera jog koji jih	erane di Narion Marinalia. Partina	GOMANIA PER ELLER SIL.		reception are con-	TO BUDANT CONNE	or system
Functionality tests			R 3 / 41				
			YWEELE		ray and a second of the property of the contract of the contra	Description	P/I
					Single ended	/differential mode	PAS
						TEDS	PAS:

Certificate number: D00904EA57-101016

Unit under test SIRIUS-STG
Serial number D00904EA57
Hardware version 1.5.0.0
Firmware version 1.17

System SN D008FFDA8B Motherboard SN D006A28C27

Slot

Procedure name SIRIUS-STG check

Procedure version 4.7 Confidence level 95%

Confidence level 95% (sigma 2)
Temperature 23,0 °C
Humidity 45%

Performed by Loic Renaudin
Location DEWEFRANCE
Calibration date 10.10.2016 17:12:06

Calibration status PASS State As-left

#### Devices used for calibration

Company	Name	Description	Serial number	Certificate number	Due date
DEWESoft	DS-CAL 1 (V3)	Calibration board	D02FC4B6C9	1	1
FLUKE	5520A	Calibrator	7080211	1594241	15.02.2017
Agilent	34401A	Multimeter	3146A27101	155413	03.12.2016

Analog inp	ut a	ccuracy								
Ra	nge	SR [Hz]	Reference [V]	Abs tol. [V]	Rel tol. [%]	Max tol. [V]	Measured [V]	% of tol	Uncert. [V]	P/F
50V Dual	20-10-0	10000	-49,000000	0,010000	0,05	0,034500	-49,000194	0,56	8,000E-04	PASS
50V Dual		10000	-2,450000	0,010000	0,05	0,011225	-2,450043	0,39	2,244E-05	PASS
50V Dual		10000	0,000000	0,010000	0,05	0,010000	0,000002	0,02	7,752E-07	PASS
50V Dual	core	10000	2,450000	0,010000	0,05	0,011225	2,449984	0,14	2,244E-05	PASS
50V Dual	core	10000	49,000000	0,010000	0,05	0,034500	49,000491	1,42	8,000E-04	PASS
	50V	10000	-49,000000	0,020000	0,05	0,044500	-49,000221	0,50	8,000E-04	PASS
	50V	10000	0,000000	0,020000	0,05	0,020000	-0,000024	0,12	7,752E-07	PASS
	50V	10000	49,000000	0,020000	0,05	0,044500	49,000465	1,04	8,000E-04	PASS
10V Dual	core	2000	-9,800000	0,001000	0,05	0,005900	-9,800135	2,29	1,067E-04	PASS
10V Dual	core	10000	-9,800000	0,001000	0,05	0,005900	-9,800178	3,02	1,067E-04	PASS
10V Dual	соге	50000	-9,800000	0,001000	0,05	0,005900	-9,800464	7,86	1,067E-04	PASS
10V Dual	соге	100000	-9,800000	0,001000	0,05	0,005900	-9,800460	7,80	1,067E-04	PASS
10V Dual	соге	200000	-9,800000	0,001000	0,05	0,005900	-9,800482	8,16	1,067E-04	PASS
10V Dual	core	2000	-0,490000	0,001000	0,05	0,001245	-0,489994	0,48	5,729E-06	PASS
10V Dual	core	10000	-0,490000	0,001000	0,05	0,001245	-0,489999	0,04	5,729E-06	PASS
10V Dual	core	50000	-0,490000	0,001000	0,05	0,001245	-0,490013	1,01	5,729E-06	PASS
10V Dual		100000	-0,490000	0,001000	0,05	0,001245	-0,490010	0,82	5,729E-06	PASS
10V Dual	core	200000	-0,490000	0,001000	0,05	0,001245	-0,490008	0,64	5,729E-06	PASS
10V Dual	core	2000	0,000000	0,001000	0,05	0,001000	0,000010	0,96	7,752E-07	PASS
10V Dual		10000	0,000000	0,001000	0,05	0,001000	0,000004	0,35	7,752E-07	PASS
10V Dual		50000	0,000000	0,001000	0,05	0,001000	-0,000002	0,20	7,752E-07	PASS
10V Dual		100000	0,000000	0,001000	0,05	0,001000	0,000000	0,01	7,752E-07	PASS
10V Dual		200000	0,000000	0,001000	0,05	0,001000	0,000000	0,02	7,752E-07	PASS
10V Dual		2000	0,490000	0,001000	0,05	0,001245	0,490008	0,68	5,729E-06	PASS
10V Dual		10000	0,490000	0,001000	0,05	0,001245	0,490002	0,17	5,729E-06	PASS
10V Dual		50000	0,490000	0,001000	0,05	0,001245	0,489987	1,04	5,729E-06	PASS
10V Dual		100000	0,490000	0,001000	0,05	0,001245	0,489991	0,70	5,729E-06	PASS
10V Dual		200000	0,490000	0,001000	0,05	0,001245	0,489991	0,71	5,729E-06	PASS
10V Dual		2000	9,800000	0,001000	0,05	0,005900	9,800024	0,40	1,067E-04	PASS
10V Dual		10000	9,800000	0,001000	0,05	0,005900	9,800035	0,59	1,067E-04	PASS PASS
10V Dual		50000	9,800000	0,001000	0,05	0,005900	9,800253	4,29	1,067E-04	
10V Dual		100000	•	0,001000	0,05	0,005900	9,800238	4,03	1,067E-04	PASS
10V Dual		200000		0,001000	0,05	0,005900	9,800256	4,34	1,067E-04	PASS PASS
	10V		-9,800000	0,002000 0,002000	0,05 0,05	0,006900 0,006900	-9,800015 -9,800120	0,22 1,74	1,067E-04 1,067E-04	PASS
	10V	10000		0,002000	0,05	0,006900	-9,800120 -9,800523	7,59	1,067E-04	PASS
	10V					0.006900	-9,800525 -9.800521	7,59 7,55	1,067E-04	PASS
	10V 10V	100000 200000	·	0,002000 0,002000	0,05 0,05	0,006900	-9,800521 -9,800545	7,55 7,90	1,067E-04	PASS
			•	0,002000	0,05	0,008900	0,000130	6,50	7,752E-07	PASS
	10V 10V		- 1	0,002000	0,05	0,002000	0,000130	3,11	7.752E-07	PASS
				0,002000	0,05	0,002000	-0,000061	3,07	7.752E-07	PASS
	10V 10V			0,002000	0,05	0,002000	-0,000060	3,02	7,752E-07	PASS
	10V		•	0,002000	0,05	0,002000	-0,000063	3,17	7,752E-07	PASS
	100	200000	0,000000	0,002000	0,05	0,002000	-0,00000	5,17	1,7022-07	1 700

Certificate number: D00904EA57-101016



F 1 1774 Little	00.00	laudinin ee	of Allertan BB	Pa-14-1 P0/9	The said fig.	Nicial Dia	0/ _84_1	Linnant BA	D/C
Range	SR [Hz]	Reference [V]	Abs tol, [V]	Rel tol. [%]	Max tol. [V]	Measured [V]	% of tol	Uncert. [V]	P/F
10V	2000	9,800000	0,002000	0,05	0,006900	9,800144	2,09	1,067E-04	PASS PASS
10V	10000	9,800000	0,002000	0,05	0,006900	9,800093 9,800194	1,35 2,81	1,067E-04 1,067E-04	PASS
10V	50000	9,800000	0,002000	0,05	0,006900				
10V	100000	9,800000	0,002000	0,05	0,006900	9,800177	2,57	1,067E-04	PASS PASS
10V	200000	9,800000	0,002000	0,05	0,006900	9,800193 -0,980040	2,80 5,75	1,067E-04	PASS
1V Dual core	10000	-0,980000	0,000200	0,05	0,000690	-0,049000	•	9,907E-06	PASS
1V Dual core	10000	-0,049000	0,000200	0,05	0,000225		0,12	1,535E-06	PASS
1V Dual core	10000	0,000000	0,000200	0,05	0,000200	0,000001	0,59	7,752E-07	PASS
1V Dual core	10000	0,049000	0,000200	0,05	0,000225	0,049001	0,45	1,535E-06	PASS
1V Dual core	10000	0,980000	0,000200	0,05	0,000690	0,979987	1,93	9,907E-06	PASS
1V	10000	-0,980000	0,000200	0,05	0,000690	-0,980035	5,08	9,907E-06	PASS
1V	10000	0,000000	0,000200	0,05	0,000200	0,000006	2,91	7,752E-07	PASS
1V	10000	0,980000	0,000200	0,05	0,000690	0,979991	1,26	9,907E-06	
0.1V Dual core	10000	-0,098000	0,000100	0,05	0,000149	-0,098002	1,54	2,295E-06	PASS
0.1V Dual core	10000	-0,004900	0,000100	0,05	0,000102	-0,004900	0,13	8,512Ë-07	PASS
0.1V Dual core	10000	0,000000	0,000100	0,05	0,000100	0,000000	0,08	7,752E-07	PASS
0.1V Dual core	10000	0,004900	0,000100	0,05	0,000102	0,004900	0,09	8,512Ë-07	PASS
0.1V Dual core	10000	0,098000	0,000100	0,05	0,000149	0,098001	0,40	2,295E-06	PASS
0.1V	10000	-0,098000	0,000100	0,05	0,000149	-0,098002	1,18	2,295E-06	PASS
0.1V	10000	0,000000	0,000100	0,05	0,000100	0,000001	0,61	7,752E-07	PASS
0.1V	10000	0,098000	0,000100	0,05	0,000149	0,098001	0,76	2,295E-06	PASS
Approximate and approximate the second second second second	ef toper or a wear tope.	Monthly the Control			AT GIVEL WINDOWS	Park 1988 Specific approximation of the	5 1 W 1 1 1 1 20 H 20 H 20 H 2 H 2 H 2 H	TENER VET ETTE STANSON Z	1 2 1 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2
SNR	4. (We was 22	All the Contract of the Contra							1. 1. 1. 1. 1. 1.
Rang	qe	SR [Hz]	Typical	[dB]	Max tol. [dB]	Measure	d [dB]	% of tol	P/F
50V Dual co		2000		123,0	12,0		125,2	0,00	PASS
50V Dual co		10000		118,0	12,0		119,9	0,00	PASS
50V Dual co		50000		111,0	12,0		113,2	0,00	PASS
50V Dual co		100000		108,0	12,0		110,4	0,00	PASS
	0V	2000		108,0	12,0		109,6	0,00	PASS
	0V	10000		108,0	12,0		109,3	0,00	PASS
	0V	50000		106,0	12,0		107,7	0,00	PASS
				1	-			0,00	PASS
	0V	100000		104,0	12,0		104,5	-	PASS
10V Dual co		2000		128,0	12,0		131,0	0,00	
10V Dual co		10000		125,0	12,0		126,4	0,00	PASS
10V Dual co		50000		119,0	12,0		120,2	0,00	PASS
10V Dual co		100000		116,0	12,0		117,3	0,00	PASS
11	0V	2000		108,0	12,0		109,7	0,00	PASS
1	0V	10000		107,0	12,0		109,5	0,00	PASS
1	0V	50000		107,0	12,0		108,8	0,00	PASS
1	0V	100000		104,0	12,0		105,6	0,00	PASS
1V Dual co	ore	2000		119,0	12,0		121,4	0,00	PASS
1V Dual co	ore	10000		113,0	12,0		114,6	0,00	PASS
1V Dual co	ore	50000		106,0	12,0		107,8	0,00	PASS
1V Dual co		100000		103,0	12,0		104,8	0,00	PASS
	1V	2000		108,0	12,0		109,5	0,00	PASS
	1V	10000		107,0	12,0		108,3	0,00	PASS
	1V	50000		104,0	12,0		105,3	0,00	PASS
	1V	100000		101,0	12,0		102,3	0,00	PASS
0.1V Dual co		2000		102,0	12,0		109,7	0,00	PASS
0.1V Dual co		10000		100,0	12,0		103,2	0,00	PASS
0.1V Dual co		50000		94,0	12,0		96,1	0,00	PASS
		100000		92,0	12,0		93,2	0,00	PASS
0.1V Dual co		2000		102,0	12,0		106,9	0,00	PASS
	.1V			100,0	12,0		102,3	0,00	PASS
	.1V	10000		94,0	12,0		96,0	0,00	PASS
	.1V	50000						0,00	
0.	.1V	100000		91,0	12,0		93,0	0,00	PASS
Low pass filter	:: 57% (YAA) :			y marti, interference		71.691. <b>9</b> 1.901.00 (6)			579960
· · · · · · · · · · · · · · · · · · ·	10 Table 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						z grannen i de Habet Belde zielen. George	and the second s	n (bron bath
Name	Range	and the second s	Frequency [Hz]	Typical [dB]	Max tol. [dB]	Measured [dB]	% of tol	Uncert. [dB]	P/F
LP 100kHz	50V	200000	10000	0,00	1,00	-0,05	4,82	5,954E-03	PASS
LP 100kHz	50V	200000	50000	-1,20	2,00	-1,20	0,22	1,107E-02	PASS
LP 100kHz	50V	200000	95000	-13,20	2,00	-13,18	0,93	4,124E-02	PASS
LP 100kHz	10V	200000	10000	0,00	1,00	-0,02	1,66	5,954E-03	PASS
LP 100kHz	10V	200000	50000	-0,50	2,00	-0,47	1,31	1,107E-02	PASS
LP 100kHz	10V	200000	95000	-11,00	2,00	-11,39	19,40	4,124E-02	PASS
LP 5kHz	10V	200000	500	0,00	1,00	0,00	0,16	5,954E-03	PASS
LP 5kHz	10V	200000	5000	-3,10	2,00	-3,19	4,65	5,954E-03	PASS
LP 5kHz	10V	200000	50000	-40,00	3,00	-40,36	12,04	1,107E-02	PASS
ter asset to a real real real	10,700,000	in na salah dalah da	g a garaga kasali kulo		ega sarratik dist			6/5.33 <u>- 191</u> .4	<u> </u>
Excitation voltage								and the same of the same of the same of	10.000
Reference [V]	A	bs tol. [V]	Rel tol. [%]	Max tol. [V]		red [V]	% of tol	Uncert. [V]	P/F
1,000000		0,002000	0,05	0,002500	1,	,000165	6,62	3,134E-05	PASS
5,000000		0,002000	0,05	0,004500	5,	,000413	9,18	1,500Ё-04	PASS
10,000000		0,002000	0,05	0,007000	10,	000896	12,80	2,667E-04	PASS
20,000000		0,002000	0,05	0,012000	20,	000882	7,35	1,000E-03	PASS

Excitation current							
Reference [mA]	Abs tol. [mA]	Rel tol. [%]	Max tol. [mA]	Measured [mA]	% of tol	Uncert. [mA]	P/F
0,100000	0,002000	0,10	0,002100	0,100516	24,60	1,367E-03	PASS
1,000000	0,002000	0,10	0,003000	1,000250	8,32	1,667E-03	PASS
10,00000	0,002000	0,10	0,012000	10,000288	2,40	4,667E-03	PASS
12,000000	0,050000	0,50	0,110000	11,999723	0,25	7,333E-03	PASS
44,000000	0,050000	0,50	0,270000	44,002040	0,76	1,800E-02	PASS

Bridge					
Bridge mode	Voltage	Balanced	Debalanced	Shunts	P/F
Full bridge	PASS	PASS	PASS	PASS	PASS
Half bridge	PASS	PASS	PASS	PASS	PASS
Quarter bridge 120 Ohm	-	PASS	PASS	PASS	PASS
Quarter bridge 350 Ohm	-	PASS	PASS	PASS	PASS

Functionality tests	
Description	P/F
Single ended/differential mode	PASS
TEDS	PASS

Certificate number: D00904EA58-101016

Unit under test SIRIUS-STG Serial number D00904EA58

Hardware version 1.5.0.0 Firmware version 1.17

System SN D00BFFDA8B Motherboard SN D006A28C27

Slot

Procedure name SIRIUS-STG check

Procedure version 4.7

Confidence level 95% (sigma 2)
Temperature 23,0 °C
Humidity 45%

Performed by Loic Renaudin
Location DEWEFRANCE
Calibration date 10.10.2016 17:12:10

Calibration status PASS State As-left

## Devices used for calibration

Devices used for call	ibi ation				
Company	Namé	Description	Serial number	Certificate number	Due date
DEWESoft	DS-CAL 1 (V3)	Calibration board	D02FC4B6C9	1	1
FLUKE	5520A	Calibrator	7080211	1594241	15.02.2017
Agilent	34401A	Multimeter	3146A27101	155413	03.12.2016

Analog input accur	асу		ŷ-75 Mille 2006	5466036					
Range	SR [Hz]	Reference [V]	Abs tol. [V]	Rei tol. [%]	Max tol. [V]	Measured [V]	% of tol	Uncert. [V]	P/F
50V Dual core	10000	-49,000000	0,010000	0,05	0,034500	-48,999832	0,49	8,000E-04	PASS
50V Dual core	10000	-2,450000	0,010000	0,05	0,011225	-2,450017	0,15	2,244E-05	PASS
50V Dual core	10000	0,000000	0,010000	0,05	0,010000	-0,000021	0,21	7,752E-07	PASS
50V Dual core	10000	2,450000	0,010000	0,05	0,011225	2,449961	0,35	2,244E-05	PASS
50V Dual core	10000	49,000000	0,010000	0,05	0,034500	49,000029	0,08	8,000E-04	PASS
50V	10000	-49,000000	0,020000	0,05	0,044500	-48,999911	0,20	8,000E-04	PASS
50V	10000	0,000000	0,020000	0,05	0,020000	-0,000100	0,50	7,752E-07	PASS
50V	10000	49,000000	0,020000	0,05	0,044500	48,999950	0,11	8,000E-04	PASS
10V Dual core	2000	-9,800000	0,001000	0,05	0,005900	-9,800164	2,78	1,067E-04	PASS
10V Dual core	10000	-9,800000	0,001000	0,05	0,005900	-9,800097	1,64	1,067E-04	PASS
10V Duai core	50000	-9,800000	0,001000	0,05	0,005900	-9,800426	7,21	1,067E-04	PASS
10V Dual core	100000	-9,800000	0,001000	0,05	0,005900	-9,800431	7,31	1,067E-04	PASS
10V Dual core	200000	-9,800000	0,001000	0,05	0,005900	-9,800449	7,62	1,067E-04	PASS
10V Dual core	2000	-0,490000	0,001000	0,05	0,001245	-0,489996	0,32	5,729E-06	PASS
10V Dual core	10000	-0,490000	0,001000	0,05	0,001245	-0,489999	0,08	5,729E-06	PASS
10V Dual core	50000	-0,490000	0,001000	0,05	0,001245	-0,490017	1,34	5,729E-06	PASS
10V Dual core	100000	-0,490000	0,001000	0,05	0,001245	-0,490012	0,96	5,729E-06	PASS
10V Dual core	200000	-0,490000	0,001000	0,05	0,001245	-0,490011	0,89	5,729E-06	PASS
10V Dual core	2000	0,000000	0,001000	0,05	0,001000	0,000004	0,36	7,752E-07	PASS
10V Dual core	10000	0,000000	0,001000	0,05	0,001000	-0,000002	0,23	7,752E-07	PASS
10V Dual core	50000	0,000000	0,001000	0,05	0,001000	-0,000009	0,90	7,752E-07	PASS
10V Dual core	100000	0,000000	0,001000	0,05	0,001000	-0,000006	0,65	7,752E-07	PASS
10V Dual core	200000	0,000000	0,001000	0,05	0,001000	-0,000007	0,71	7,752E-07	PASS
10V Dual core	2000	0,490000	0,001000	0,05	0,001245	0,489991	0,70	5,729E-06	PASS
10V Dual core	10000	0,490000	0,001000	0,05	0,001245	0,489990	0,78	5,729E-06	PASS
10V Dual core	50000	0,490000	0,001000	0,05	0,001245	0,489984	1,25	5,729E-06	PASS
10V Dual core	100000	0,490000	0,001000	0,05	0,001245	0,489987	1,02	5,729E-06	PASS
10V Dual core	200000	0,490000	0,001000	0,05	0,001245	0,489988	0,95	5,729E-06	PASS
10V Dual core	2000	9,800000	0,001000	0,05	0,005900	9,799971	0,48	1,067E-04	PASS
10V Dual core	10000	9,800000	0,001000	0,05	0,005900	9,799901	1,67	1,067E-04	PASS
10V Dual core	50000	9,800000	0,001000	0,05	0,005900	9,800152	2,58	1,067E-04	PASS
10V Dual core	100000	9,800000	0,001000	0,05	0,005900	9,800141	2,39	1,067E-04	PASS
10V Dual core	200000	9,800000	0,001000	0,05	0,005900	9,800144	2,44	1,067E-04	PASS
10V	2000	-9,800000	0,002000	0,05	0,006900	-9,800270	3,92	1,067E-04	PASS
10V	10000	-9,800000	0,002000	0,05	0,006900	-9,800137	1,99	1,067E-04	PASS
10V	50000	-9,800000	0,002000	0,05	0,006900	-9,800435	6,30	1,067E-04	PASS
10V	100000	-9,800000	0,002000	0,05	0,006900	-9,800438	6,34	1,067E-04	PASS
10V	200000		0,002000	0,05	0,006900	-9,800454	6,58	1,067E-04	PASS
10V	2000	0,000000	0,002000	0,05	0,002000	-0,000102	5,12 3.14	7,752E-07	PASS PASS
10V	10000	· ·	0,002000	0,05	0,002000	-0,000043	2,14	7,752E-07	
10V	50000		0,002000	0,05	0,002000	-0,000018	0,91	7,752 <b>E</b> -07	PASS
10V	100000		0,002000	0,05	0,002000	-0,000013	0,65	7,752Ë-07	PASS
10V	200000	0,000000	0,002000	0,05	0,002000	-0,000012	0,58	7,752E-07	PASS

Certificate number: D00904EA58-101016



Range	SR [Hz]	Reference [V]	Abs tol. [V]	Rel tol. [%]	Max tol. [V]	Measured [V]	% of tol	Uncert. [V]	DIE
10V	2000	9,800000	0,002000	0,05	0,006900	9,799865	1,95	1,067E-04	<b>P/F</b> PASS
10V	10000	9,800000	0,002000	0,05	0,006900	9,799861	2,02	1,067E-04	PASS
10V	50000	9,800000	0,002000	0,05	0,006900	9,800143	2,07	1,067E-04	PASS
10V	100000	9,800000	0,002000	0,05	0,006900	9,800135	1,95	1,067E-04	PASS
10V	200000	9,800000	0,002000	0,05	0,006900	9,800139	2,02	1,067E-04	PASS
1V Dual core	10000	-0,980000	0,000200	0,05	0,000690	-0,980031	4,52	9,907E-06	PASS
1V Dual core	10000	-0,049000	0,000200	0,05	0,000225	-0,049001	0,40	1,535E-06	PASS
1V Dual core	10000	0,000000	0,000200	0,05	0,000200	-0,000001	0,27	7,752E-07	PASS
1V Dual core	10000	0,049000	0,000200	0,05	0,000225	0,048999	0,43	1,535E-06	PASS
1V Dual core	10000	0,980000	0,000200	0,05	0,000690	0,979972	4,01	9,907E-06	PASS
1V	10000	-0,980000	0,000200	0,05	0,000690	-0,980033	4,83	9,907E-06	PASS
1V	10000	0,000000	0,000200	0,05	0,000200	-0,000003	1,33	7,752E-07	PASS
1V	10000	0,980000	0,000200	0,05	0,000690	0,979970	4,32	9,907E-06	PASS
0.1V Dual core	10000	-0,098000	0,000100	0,05	0,000149	-0,098002	1,04	2,295E-06	PASS
0.1V Dual core	10000	-0,004900	0,000100	0,05	0,000102	-0,004900	0,24	8,512E-07	PASS
0.1V Dual core	10000	0,000000	0,000100	0,05	0,000100	0,000000	0,04	7,752E-07	PASS
0.1V Dual core	10000	0,004900	0,000100	0,05	0,000102	0,004900	0,21	8,512E-07	PASS
0.1V Dual core	10000	0,098000	0,000100	0,05	0,000149	0,097999	0,56	2,295E-06	PASS
0.1V	10000	-0,098000	0,000100	0,05	0,000149	-0,098002	1,23	2,295E-06	PASS
0.1V	10000	0,000000	0,000100	0,05	0,000140	0,000000	0,32	7,752E-07	PASS
0.1V	10000	0,098000	0,000100	0,05	0,000149	0,097999	0,75	2,295E-06	PASS
V V		0,00000	0,000 100	0,00	0,000149	0,051 555	0,75	2,295⊑-06	PASS
SNR					7 T. Ford Carl			and Market Market State	
	747 X 647	OD IU-1	-	T-ID1	Manifest Francis				
Range 50V Dual cor		SR [Hz] 2000	Typica		Max tol. [dB]	Measure		% of tol	P/F
50V Dual cor				123,0	12,0		124,9	0,00	PASS
		10000		118,0	12,0	•	119,4	0,00	PASS
50V Dual cor		50000		111,0	12,0		112,8	0,00	PASS
50V Dual cor 50'		100000		108,0	12,0		110,0	0,00	PASS
50		2000		108,0	12,0		109,0	0,00	PASS
		10000		108,0	12,0		108,6	0,00	PASS
50'		50000		106,0	12,0		107,0	0,00	PASS
50'		100000		104,0	12,0		104,1	0,00	PASS
10V Dual cor		2000		128,0	12,0		130,9	0,00	PASS
10V Dual cor		10000		125,0	12,0		126,7	0,00	PASS
10V Dual cor		50000		119,0	12,0		120,3	0,00	PASS
10V Dual cor		100000		116,0	12,0		117,4	0,00	PASS
10'		2000		108,0	12,0		108,9	0,00	PASS
10		10000		107,0	12,0		108,8	0,00	PASS
10		50000		107,0	12,0		108,1	0,00	PASS
10		100000		104,0	12,0		105,2	0,00	PASS
1V Dual cor		2000		119,0	12,0		121,1	0,00	PASS
1V Dual cor		10000		113,0	12,0		114,7	0,00	PASS
1V Dual cor		50000		106,0	12,0		107,8	0,00	PASS
1V Dual cor		100000		103,0	12,0		104,8	0,00	PASS
1		2000		108,0	12,0		108,8	0,00	PASS
1'		10000		107,0	12,0		107,8	0,00	PASS
1		50000		104,0	12,0		105,1	0,00	PASS
1		100000		101,0	12,0		102,1	0,00	PASS
0.1V Dual cor		2000		102,0	12,0		109,6	0,00	PASS
0.1V Dual cor		10000		100,0	12,0		103,0	0,00	PASS
0.1V Dual cor		50000		94,0	12,0		96,2	0,00	PASS
0.1V Dual cor		100000		92,0	12,0		93,2	0,00	PASS
0.1		2000		102,0	12,0		106,9	0,00	PASS
0.1		10000		100,0	12,0		102,2	0,00	PASS
0.1		50000		94,0	12,0		96,0	0,00	PASS
0.1	v	100000		91,0	12,0		93,0	0,00	PASS
Low pass filter		15 N. C. R. C. W. S. C. R.	CRAN ACTOR STATES AND		第2000年2月 - 1984年			KRAWEL CHARLET	1.00 mm
Ending a second of the formal second of the		n William Francisco III.							
Name	Range		Frequency [Hz]	Typical [dB]	Max tol. [dB]	Measured [dB]	% of tol	Uncert. [dB]	P/F
LP 100kHz	50V	200000	10000	0,00	1,00	-0,05	4,90	5,954E-03	PASS
LP 100kHz		200000	50000	-1,20	2,00	-1,22	0,94	1,107E-02	PASS
LP 100kHz	50V								
LÞ 100kHz	50V	200000	95000	-13,20	2,00	-13,27	3,48	4,124E-02	PASS
	50V 10V	200000	10000	0,00	1,00	-13,27 -0,02	3,48 1,64	4,124E-02 5,954E-03	PASS
LP 100kHz	50V 10V 10V	200000 200000			1,00 2,00				
LP 100kHz LP 100kHz	50V 10V 10V 10V	200000 200000 200000	10000 50000 95000	0,00	1,00	-0,02	1,64	5,954E-03	PASS
LP 100kHz	50V 10V 10V	200000 200000	10000 50000	0,00 -0,50	1,00 2,00	-0,02 -0,48	1,64 1,11	5,954E-03 1,107E-02	PASS PASS
LP 100kHz LP 100kHz LP 5kHz LP 5kHz	50V 10V 10V 10V	200000 200000 200000	10000 50000 95000	0,00 -0,50 -11,00	1,00 2,00 2,00	-0,02 -0,48 -11,56	1,64 1,11 27,94	5,954E-03 1,107E-02 4,124E-02	PASS PASS PASS
LP 100kHz LP 100kHz LP 5kHz	50V 10V 10V 10V	200000 200000 200000 200000	10000 50000 95000 500	0,00 -0,50 -11,00 0,00	1,00 2,00 2,00 1,00	-0,02 -0,48 -11,56 0,00	1,64 1,11 27,94 0,03	5,954E-03 1,107E-02 4,124E-02 5,954E-03	PASS PASS PASS PASS
LP 100kHz LP 100kHz LP 5kHz LP 5kHz LP 5kHz	50V 10V 10V 10V 10V	200000 200000 200000 200000 200000	10000 50000 95000 500 5000	0,00 -0,50 -11,00 0,00 -3,10	1,00 2,00 2,00 1,00 2,00	-0,02 -0,48 -11,56 0,00 -3,06	1,64 1,11 27,94 0,03 2,22	5,954E-03 1,107E-02 4,124E-02 5,954E-03 5,954E-03	PASS PASS PASS PASS PASS
LP 100kHz LP 100kHz LP 5kHz LP 5kHz	50V 10V 10V 10V 10V	200000 200000 200000 200000 200000	10000 50000 95000 500 5000	0,00 -0,50 -11,00 0,00 -3,10	1,00 2,00 2,00 1,00 2,00	-0,02 -0,48 -11,56 0,00 -3,06	1,64 1,11 27,94 0,03 2,22	5,954E-03 1,107E-02 4,124E-02 5,954E-03 5,954E-03	PASS PASS PASS PASS PASS
LP 100kHz LP 100kHz LP 5kHz LP 5kHz LP 5kHz	50V 10V 10V 10V 10V 10V	200000 200000 200000 200000 200000	10000 50000 95000 500 5000 50000	0,00 -0,50 -11,00 0,00 -3,10 -40,00	1,00 2,00 2,00 1,00 2,00 3,00	-0,02 -0,48 -11,56 0,00 -3,06 -40,22	1,64 1,11 27,94 0,03 2,22 7,34	5,954E-03 1,107E-02 4,124E-02 5,954E-03 5,954E-03 1,107E-02	PASS PASS PASS PASS PASS PASS
LP 100kHz LP 100kHz LP 5kHz LP 5kHz LP 5kHz Excitation voltage	50V 10V 10V 10V 10V 10V	200000 200000 200000 200000 200000 200000	10000 50000 95000 5000 5000 50000	0,00 -0,50 -11,00 0,00 -3,10 -40,00 Max tol. [V]	1,00 2,00 2,00 1,00 2,00 3,00	-0,02 -0,48 -11,56 0,00 -3,06 -40,22	1,64 1,11 27,94 0,03 2,22 7,34	5,954E-03 1,107E-02 4,124E-02 5,954E-03 5,954E-03 1,107E-02	PASS PASS PASS PASS PASS PASS
LP 100kHz LP 100kHz LP 5kHz LP 5kHz LP 5kHz LP 5kHz Excitation voltage	50V 10V 10V 10V 10V 10V	200000 200000 200000 200000 200000 200000	10000 50000 95000 5000 50000 50000	0,00 -0,50 -11,00 0,00 -3,10 -40,00 Max tol. [V] 0,002500	1,00 2,00 2,00 1,00 2,00 3,00 Measure	-0,02 -0,48 -11,56 0,00 -3,06 -40,22	1,64 1,11 27,94 0,03 2,22 7,34 % of tol	5,954E-03 1,107E-02 4,124E-02 5,954E-03 5,954E-03 1,107E-02 Uncert. [V] 3,134E-05	PASS PASS PASS PASS PASS PASS PASS
LP 100kHz LP 100kHz LP 5kHz LP 5kHz LP 5kHz Excitation voltage Reference [V] 1,000000	50V 10V 10V 10V 10V 10V	200000 200000 200000 200000 200000 200000 be tol: [V]	10000 50000 95000 5000 5000 50000	0,00 -0,50 -11,00 0,00 -3,10 -40,00 Max tol. [V]	1,00 2,00 2,00 1,00 2,00 3,00 Measure 1,0 5,0	-0,02 -0,48 -11,56 0,00 -3,06 -40,22 ed [V] 00181 00753	1,64 1,11 27,94 0,03 2,22 7,34 % of tol 7,24 16,74	5,954E-03 1,107E-02 4,124E-02 5,954E-03 5,954E-03 1,107E-02 Uncert. [V] 3,134E-05 1,500E-04	PASS PASS PASS PASS PASS PASS PASS PASS
LP 100kHz LP 100kHz LP 5kHz LP 5kHz LP 5kHz Excitation voltage Reference M 1,000000 5,000000	50V 10V 10V 10V 10V 10V	200000 200000 200000 200000 200000 200000 bs tol: [V] 0,002000 0,002000	10000 50000 95000 5000 50000 50000 Rel tol. [%]	0,00 -0,50 -11,00 0,00 -3,10 -40,00 Max tol. [V] 0,002500 0,004500	1,00 2,00 2,00 1,00 2,00 3,00 Measure 1,0 5,0 9,9	-0,02 -0,48 -11,56 0,00 -3,06 -40,22	1,64 1,11 27,94 0,03 2,22 7,34 % of tol	5,954E-03 1,107E-02 4,124E-02 5,954E-03 5,954E-03 1,107E-02 Uncert. [V] 3,134E-05	PASS PASS PASS PASS PASS PASS PASS

Excitation current				THE SERVICE OF THE			
Reference [mA]	Abs tol. [mA]	Rel tol. [%]	Max tol. [mA]	Measured [mA]	% of tol	Uncert. [mA]	P/F
0,100000	0,002000	0,10	0,002100	0,100758	36,10	1,367E-03	PASS
1,000000	0,002000	0,10	0,003000	0,999965	1,17	1,667E-03	PASS
10,000000	0,002000	0,10	0,012000	10,004439	36,99	4,668E-03	PASS
12,000000	0,050000	0,50	0,110000	12,001403	1,28	7,334E-03	PASS
44,000000	0,050000	0,50	0,270000	44,008264	3,06	1,800E-02	PASS
Bridge Bridge mode Full bridge		Voltage	Balanced	Debala	nced	Shunts	P/F
Haif bridge		PASS PASS	PASS		PASS	PASS	PASS
Quarter bridge 120 Ohm		FASS	PASS		PASS	PASS	PASS
Quarter bridge 350 Ohm		-	PASS		PASS	PASS	PASS
	•	-	PASS	F	PASS	PASS	PASS
Functionality tests	and the second s	Commence of the second					
L. Chail Yokaliyaan w				les bayanes		Description	P/F PASS

TEDS PASS