

Ref: CR-280-3-08-SATB-B

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DIPOLE 835 MHZ CALIBRATION REPORT

Prepared By: LUC Jérôme, SATIMO

Project Description: SAR TEST BENCH

Prepared For (End User): Shenzhen Morlab Communication Technology

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DIPOLE 835 MHz CALIBRATION REPORT

DATE: 19/02/2009

REFERENCE: SN 36/08 DIPC99

OBJECT: COMOSAR IEEE REFERENCE DIPOLE

MANUFACTURER: SATIMO

SERIAL NUMBER: SN 36/08 DIPC99

CUSTOMER: Shenzhen Morlab Communication Technology

CONTRACT: PF2130108b_SAR_Morlab

DATE OF CALIBRATION: 23/09/2010

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Date

20/0/10/05

SAR TEAM MANAGER

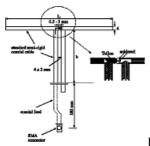
SATIMO Bretagne Technopôle Brest Iroise Zone du Vernis 225 rue Pierre Rivoalon 29200 BREST



Ref: CR-280-3-08-SATB-B

PRODUCT DESCRIPTION





Dimension: L=161 mm/ h=89.8mm / d=3.6 mm

CALIBRATION TEST EQUIPMENT

TYPE	IDENTIFICATION	DATE OF CALIBRATION	
Vector Network Analyzer	HP8753D (SN: 5410A08882)	10-05-2010	

MEASUREMENT PROCEDURE

We placed the dipole under the flat part of SAM phantom fill with 835 MHz head liquid.

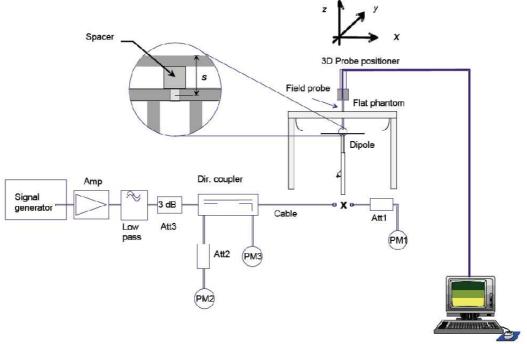


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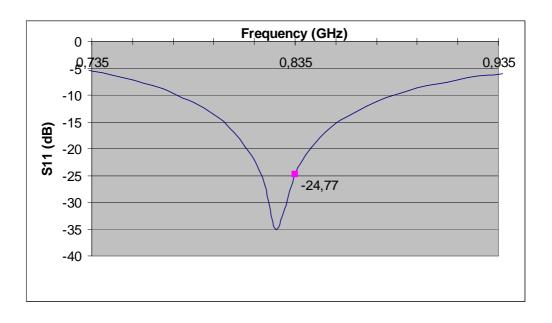
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Calibration was performed according to IEEE Std P1528-2003 and OET bulletin 65 Supplement C (Ed. 01-01)

VSWR at 835 MHz: -24.77 dB.





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SAR MEASUREMENT EQUIPEMENT

Voltmeter	Keithley (2000, SN:1000572)	Date of calibration: 01-07-2010
Signal generator	Rohde&Schwarz (SML_03, SN:101868)	Date of calibration: 15-11-2009
Power amplifier	Nuclétudes (ALB216, SN:10800)	Date of calibration: 24-10-2009
Power meter	Rohde&Schwarz (NRVD, SN:101066)	Date of calibration: 04-07-2010
Probe	SATIMO Bretagne (SN:EP37)	Date of calibration: 19-06-2010
Probe	CF (30.41,29.18,32.33)	

SAR MEASUREMENT CONDITION

Software	OpenSAR V3		
Phantom	SATIMO Bretagne (SN: SN_20_07_SAM42)		
Liquid	SATIMO Bretagne (Last Calibration: 18 09 08) Head Liquid Values: eps': 41,20 sigma: 0,872		
Distance between the center of the dipole and the liquid (set with a spacer)	15 mm		
Area scan resolution	dx=8mm/dy=8mm		
Zoom scan resolution	dx=8mm/dy=8m/dz=5mm		
Frequency	835 MHz		
Input power	30 dBm		
Expanded uncertainty (K=1)	8.09%		

SAR MEASUREMENT RESULT

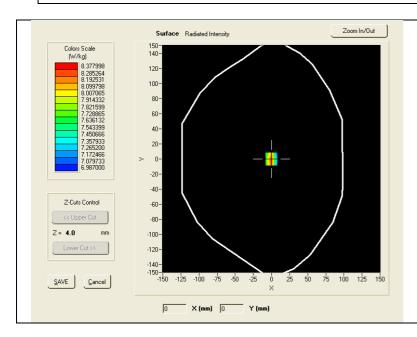
	10g	1g
SAR measured Liquid : HL Input power : 1W	6,364 W/Kg + 2,64 %	9,805 W/Kg + 3,21 %

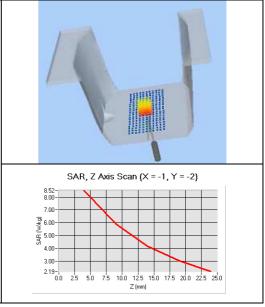


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SAR MEASUREMENT PLOTS







Ref: CR-280-5-08-SATB-B

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DIPOLE 1800 MHZ CALIBRATION REPORT

Prepared By: LUC Jérôme, SATIMO

Project Description: SAR TEST BENCH

Prepared For (End User): Shenzhen Morlab Communication Technology

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DIPOLE 1800 MHz CALIBRATION REPORT

DATE: 19/02/2009

REFERENCE: SN 36/08 DIPF101

OBJECT: COMOSAR IEEE REFERENCE DIPOLE

MANUFACTURER: SATIMO

SERIAL NUMBER: SN 36/08 DIPF101

CUSTOMER: Shenzhen Morlab Communication Technology

CONTRACT: PF2130108b_SAR_Morlab

DATE OF CALIBRATION: 23/09/2010

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Date

20/0/10/05

SAR TEAM MANAGER

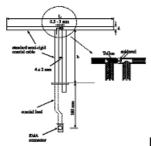
SATIMO Bretagne
Technopôle Brest Iroise
Zone du Vernis
225 rue Pierre Rivoalon
29200 BREST



Ref: CR-280-5-08-SATB-B

PRODUCT DESCRIPTION





Dimension: L=72 mm/ h=41.7 mm / d=3.6 mm

CALIBRATION TEST EQUIPMENT

TYPE	IDENTIFICATION	DATE OF CALIBRATION	
Vector Network Analyzer	HP8753D (SN: 5410A08882)	10-05-2010	

MEASUREMENT PROCEDURE

We placed the dipole under the flat part of SAM phantom fill with 1800 MHz head liquid.

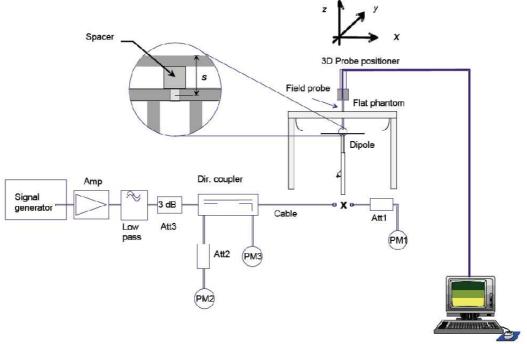


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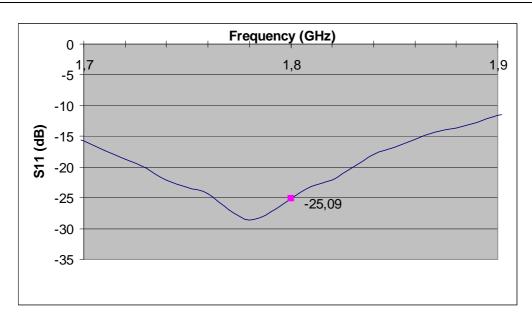
Issue: B

Date: 2010/10/05



Calibration was performed according to IEEE Std P1528-2003 and OET bulletin 65 Supplement C (Ed. 01-01)

VSWR at 1800 MHz: -25.09 dB





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SAR MEASUREMENT EQUIPEMENT

Voltmeter	Keithley (2000, SN:1000572)	Date of calibration: 01-07-2010
Signal generator	Rohde&Schwarz (SML_03, SN:101868)	Date of calibration: 15-11-2009
Power amplifier	Nuclétudes (ALB216, SN:10800)	Date of calibration: 24-10-2009
Power meter	Rohde&Schwarz (NRVD, SN:101066)	Date of calibration: 04-07-2010
Probe	SATIMO Bretagne (SN:EP37)	Date of calibration: 19-06-2010
riobe	CF (35.35,34.93,37.42)	

SAR MEASUREMENT CONDITION

Software	OpenSAR V3	
Phantom	SATIMO Bretagne (SN: SN_20_07_SAM42)	
Liquid	SATIMO Bretagne (Last Calibration: 19 09 08) Head Liquid Values: eps': 39,80 sigma: 1,45	
Distance between the center of the dipole and the liquid (set with a spacer)	10 mm	
Area scan resolution	dx=8mm/dy=8mm	
Zoom scan resolution	dx=8mm/dy=8m/dz=5mm	
Frequency	1800 MHz	
Input power	30 dBm	
Expanded uncertainty (K=1)	8.09%	

SAR MEASUREMENT RESULT

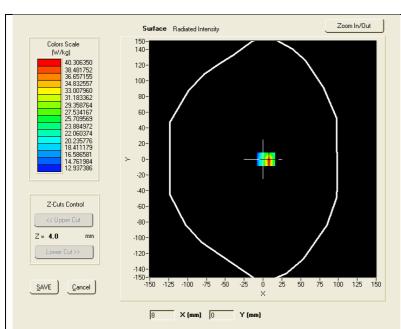
	10g	1g
SAR measured Liquid : HL Input power : 1W	20,05 W/Kg + 1,24 %	39,32 W/Kg + 3,20 %

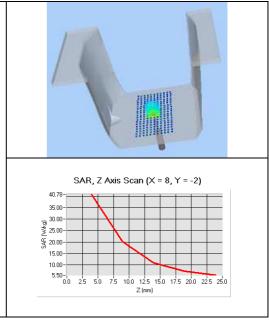


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SAR MEASUREMENT PLOTS







Ref: CR-280-1-08-SATB-A

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COMOSAR E-FIELD PROBE CALIBRATION REPORT

Prepared By: LUC Jérôme, SATIMO

Project Description: SAR TEST BENCH

Prepared For (End User): Shenzhen Morlab Communication Technology

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COMOSAR SEPT ISOTROPIC E-FIELD PROBE CALIBRATION REPORT

DATE: 12/02/2009

REFERENCE: SN 37/08 EP80

OBJECT: COMOSAR SEPT ISOTROPIC E-FIELD PROBE

MANUFACTURER: SATIMO

SERIAL NUMBER: SN 37/08 EP80

CUSTOMER: Shenzhen Morlab Communication Technology

CONTRACT: PF2130108b_SAR_Morlab

DATE OF CALIBRATION: 24/09/2010

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Date

20/0/10/05

SAR TEAM MANAGER

SATIMO Bretagne Technopôle Brest Iroise Zone du Vernis 225 rue Pierre Rivoalon 29200 BREST



Ref: CR-280-1-08-SATB-A

PRODUCT DESCRIPTION



Frequency Range	100 MHz - 30 GHz	
Probe length	330 mm	
Length of one dipole	4.5 mm	
Maximum external diameter	8 mm	
Probe extremity diameter	6.5 mm	
Distance between dipoles/probe extremity	< 2.7 mm	
Resistance of the three dipole (at the connector)	Dipole 1: R1=1.4382 MΩ Dipole 2: R2=1.4894 MΩ Dipole 3: R3=1.4683 MΩ	
Connector (HIROSE series SR30)	6 wire male (Hirose SR30series)	

The probe could be checked by measuring the resistance of the three dipoles.

CALIBRATION TEST EQUIPMENT

TYPE	IDENTIFICATION
Calibration bench	CALISAR
Multimeter	Keithley 2000

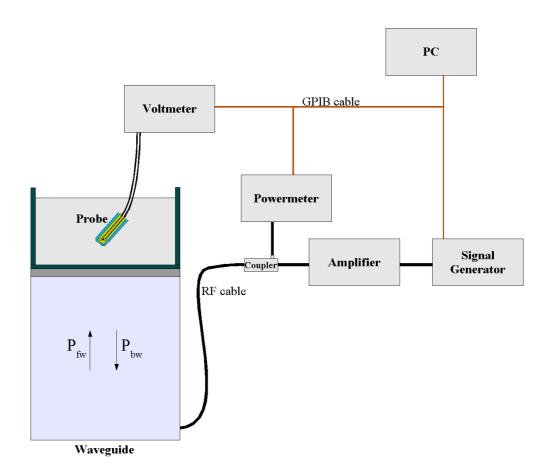


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MEASUREMENT PROCEDURE

Probe calibration is realized, in compliance with CENELEC EN 50361 and IEEE 1528 std, with CALISAR, Antennessa proprietary calibration system. The calibration is performed with the EN 50361 annexe technique using reference guide at the five frequencies.



$$SAR = \frac{4(P_{fw} - P_{bw})}{ab\delta} \cos^2\left(\pi \frac{y}{a}\right) e^{-(2z/\delta)}$$

Where:

P_{fw} = Forward Power P_{bw} = Backward Power a and b = Waveguide dimensions

□ = Skin depth

Keithley configuration:

Rate = Medium; Filter =ON; RDGS=10; FILTER TYPE =MOVING AVERAGE; RANGE AUTO

After each calibration, a SAR measurement is performed on a validation dipole and compared with a NPL calibrated probe, to verify it.



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PROBE UNCERTAINTIES

Calibration report of dosimetric SATIMO probe

Uncertainty on calibration system					
ERROR SOURCES	Uncertainty value (%)	Probability Distribution	Divisor	ci	Standard Uncertainty (%)
Incident or forward power	3,00%	Rectangular	$\sqrt{3}$	1	1,732%
Reflected power	3,00%	Rectangular	$\sqrt{3}$	1	1,732%
Liquid conductivity	5,00%	Rectangular	$\sqrt{3}$	1	2,887%
Liquid permittivity	4,00%	Rectangular	$\sqrt{3}$	1	2,309%
Field homogeneity	3,00%	Rectangular	$\sqrt{3}$	1	1,732%
Field probe positioning	5,00%	Rectangular	$\sqrt{3}$	1	2,887%
Field probe linearity	3,00%	Rectangular	$\sqrt{3}$	1	1,732%
Combined standard uncertainty					4,761%
Expanded uncertainty (confidence interval of 95%)					9,331%



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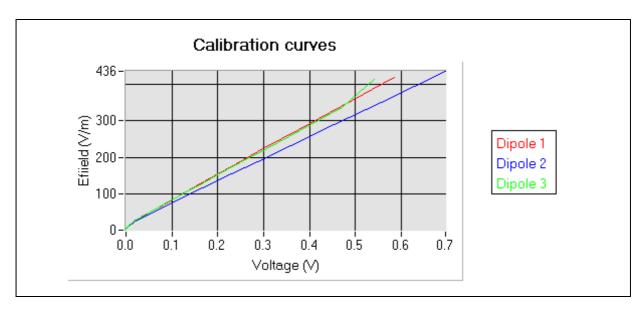
1. Calibration at 450.00 MHz

A. Calibration parameters.

Label	GSM450
Epsilon	43.33
Sigma	0.84 S/m
Temperature	21℃
Antenna gain	2.03 dB
Antenna S11	-10.50 dB
Low limit detection (CW)	0.72 V/m (0.47 mW/kg)

Calibration curves ei=f(V) (i=1,2,3) allow to obtain E-field value using the formula:

$$E = \sqrt{E_1^2 * E_2^2 * E_3^2}$$



The following tables represent the calibration curves linearization by curve segment in CW signal.



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Calibration coefficients for the three dipoles in CW:

V1 e1 V2 e2 V3 e3 0.584004 419.557857 -0.86059 435.622023 0.541191 412.830715 0.467833 339.207465 -0.556278 351.381991 0.469757 336.297240 0.302778 224.954643 -0.45223 228.647990 0.378826 274.224190 0.24103 182.154071 -0.289378 188.889931 0.246562 183.825274 0.192549 148.494990 -0.230386 154.650994 0.195712 148.933075 0.154033 121.674762 -0.185412 127.378480 0.157543 122.783107 0.154033 121.674762 -0.185412 127.378480 0.157543 122.783107 0.154033 121.674762 -0.18612 127.378480 0.157543 122.783107 0.15403 121.674762 -0.185412 127.378480 0.157543 122.783107 0.081816 57.535219 -0.095250 72.63937 0.082289 70.94444 0.06516 59.15224 -0.076788						
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0.123397 100.276479 -0.147311 104.193802 0.125866 100.956090 0.099878 83.770361 -0.118637 86.660489 0.101471 84.063863 0.081165 70.553219 -0.095250 72.263937 0.082289 70.694342 0.065166 59.152028 -0.076788 60.795323 0.066427 59.538957 0.051916 49.592416 -0.061280 61.041514 0.053353 50.232492 0.041968 42.297602 -0.048746 43.022565 0.042906 42.675214 0.033724 36.126757 -0.039149 27.024723 0.022272 27.149463 0.018405 23.975145 -0.020856 24.085809 0.018755 24.141334 0.015467 21.515985 -0.017534 21.515985 0.015767 21.615299 0.013018 19.309065 -0.014750 19.389191 0.013276 19.487731 0.010938 17.408496 -0.012392 17.529166 0.011157 17.569575 0.009022 15.586953 <t< td=""><td>0.192549</td><td>148.484090</td><td>-0.230386</td><td>154.650994</td><td>0.195712</td><td>148.993075</td></t<>	0.192549	148.484090	-0.230386	154.650994	0.195712	148.993075
0.099878 83.770361 -0.118637 86.660489 0.101471 84.063863 0.081165 70.553219 -0.095250 72.263937 0.082289 70.694342 0.065166 59.152028 -0.076788 60.795323 0.066427 59.538957 0.051916 49.592416 -0.061280 51.041514 0.053353 50.232492 0.041968 42.297602 -0.048746 43.022265 0.042906 42.675214 0.033724 36.126757 -0.039149 36.748110 0.034686 36.605243 0.021855 26.962568 -0.024788 27.024723 0.022272 27.149463 0.018405 23.975145 -0.020856 24.0885809 0.018755 24.141334 0.015467 21.515985 -0.017534 21.515985 0.015767 21.615299 0.013018 19.309065 -0.014372 17.529166 0.011157 17.569575 0.009022 15.586953 -0.010228 13.988181 0.007484 14.020428 0.007353 13.956010	0.154033	121.674762	-0.185412	127.378480	0.157543	122.783107
0.081165 70.553219 -0.095250 72.263937 0.082289 70.694342 0.065166 59.152028 -0.076788 60.795323 0.066427 59.539857 0.051916 49.592416 -0.061280 51.041514 0.053353 50.232492 0.041968 42.297602 -0.048746 43.022565 0.042906 42.675214 0.033724 36.126757 -0.039149 36.748110 0.034686 36.605243 0.021855 26.962568 -0.024798 27.024723 0.022272 27.149463 0.018405 23.975145 -0.020856 24.085809 0.018755 24.141334 0.013018 19.309065 -0.014750 19.398191 0.013276 19.487731 0.010938 17.408496 -0.012392 17.529166 0.011157 17.569575 0.007353 13.956010 -0.008328 13.988181 0.007484 14.020428 0.004890 11.214019 -0.005573 11.265779 0.005003 11.330818 0.004999 10.133541 -	0.123397	100.276479	-0.147311	104.193802	0.125866	100.956090
0.065166 59.152028 -0.076788 60.795323 0.066427 59.538957 0.051916 49.592416 -0.061280 51.041514 0.053353 50.232492 0.041968 42.297602 -0.048746 43.022565 0.042906 42.675214 0.033724 36.126757 -0.039149 36.748110 0.034866 36.605243 0.021855 26.962568 -0.024798 27.024723 0.022272 27.149463 0.018405 23.975145 -0.020856 24.085809 0.018755 24.141334 0.015467 21.515985 -0.017534 21.515985 0.015767 21.615299 0.013018 19.309065 -0.014750 19.398191 0.013276 19.487731 0.010938 17.408496 -0.012392 17.529166 0.011157 17.569575 0.009022 15.586953 -0.010228 15.658899 0.009215 15.676938 0.007333 13.956010 -0.008328 13.988181 0.007444 1.020428 0.005989 12.466979 -0	0.099878	83.770361	-0.118637	86.660489	0.101471	84.063863
0.051916 49.592416 -0.061280 51.041514 0.053353 50.232492 0.041968 42.297602 -0.048746 43.022565 0.042906 42.675214 0.033724 36.126757 -0.039149 36.748110 0.034686 36.605243 0.021855 26.962568 -0.024798 27.024723 0.022272 27.149463 0.018405 23.975145 -0.020856 24.085809 0.018755 24.141334 0.015467 21.515985 -0.017534 21.515985 0.015767 21.615299 0.013018 19.399065 -0.014750 19.398191 0.013276 19.487731 0.01938 17.408496 -0.012328 15.658899 0.009215 15.676938 0.009022 15.586953 -0.010228 15.658899 0.009215 15.676938 0.005989 12.466979 -0.008801 12.495719 0.006111 12.567858 0.004800 11.214019 -0.005573 11.265779 0.005003 11.330818 0.002450 7.324219 -0.	0.081165	70.553219	-0.095250	72.263937	0.082289	70.694342
0.041968 42,297602 -0.048746 43,022565 0.042906 42,675214 0.033724 36,126757 -0.039149 36,748110 0.034686 36,605243 0.021855 26,962568 -0.024798 27,024723 0,022272 27,149463 0.018405 23,975145 -0.020856 24,088609 0.018755 24,141334 0.015467 21,515985 -0.017534 21,515985 0.015767 21,615299 0.013018 19,309065 -0.014750 19,398191 0.013276 19,487731 0.010938 17,408496 -0.012392 17,529166 0.0111157 17,569575 0.009022 15,586953 -0.010228 15,658899 0.009215 15,676938 0.007353 13,956010 -0.008328 13,988181 0.007484 14,020428 0.005989 12,466979 -0.006801 12,495719 0.006111 12,567858 0.004990 10,133541 -0.004570 10,121882 0.004099 10,168601 0.003279 9,094132 -	0.065166	59.152028	-0.076788	60.795323	0.066427	59.538957
0.033724 36.126757 -0.039149 36.748110 0.034886 36.605243 0.021855 26.962568 -0.024798 27.024723 0.022272 27.149463 0.018405 23.975145 -0.020856 24.085809 0.018755 24.141334 0.015467 21.515985 -0.017534 21.515985 0.015767 21.615299 0.013018 19.39065 -0.014750 19.398191 0.013276 19.487731 0.01938 17.408496 -0.012392 17.529166 0.0111157 17.569575 0.009022 15.586953 -0.010228 15.658899 0.009215 15.676938 0.007353 13.956010 -0.008328 13.988181 0.007484 14.020428 0.005999 12.466979 -0.006801 12.495719 0.006111 12.567858 0.004890 11.214019 -0.005573 11.265779 0.005003 11.330818 0.004019 10.133541 -0.004570 10.121882 0.004099 10.168601 0.002660 8.095827 -0.	0.051916	49.592416	-0.061280	51.041514	0.053353	50.232492
0.021855 26.962568 -0.024798 27.024723 0.02272 27.149463 0.018405 23.975145 -0.020856 24.085809 0.018755 24.141334 0.015467 21.515985 -0.017534 21.515985 0.015767 21.615299 0.013018 19.309065 -0.014750 19.399191 0.013276 19.487731 0.010938 17.408496 -0.012392 17.529166 0.011157 17.569575 0.009022 15.586953 -0.010228 15.658899 0.009215 15.676938 0.007353 13.956010 -0.008028 13.988181 0.007484 14.020428 0.005899 12.466979 -0.006801 12.495719 0.006111 12.567858 0.0040890 11.214019 -0.005673 11.265779 0.005003 11.330818 0.004019 10.133541 -0.004570 10.121882 0.004099 10.168601 0.0022660 8.095827 -0.003041 8.293946 0.002769 8.265350 0.002126 7.324219 -0.0	0.041968	42.297602	-0.048746	43.022565	0.042906	42.675214
0.018405 23.975145 -0.020856 24.085809 0.018757 24.141334 0.015467 21.515985 -0.017534 21.515985 0.013276 19.487731 0.013018 19.309065 -0.014750 19.398191 0.013276 19.487731 0.010938 17.408496 -0.012392 17.529166 0.011157 17.569575 0.009022 15.586953 -0.010228 15.685899 0.009215 15.676938 0.007353 13.956010 -0.008328 13.988181 0.007484 14.020428 0.005989 12.466979 -0.006801 12.495719 0.006111 12.567858 0.004019 10.133541 -0.004570 10.121882 0.004099 10.186601 0.00279 9.094132 -0.003739 9.157170 0.003352 9.125596 0.002660 8.095827 -0.003041 8.293946 0.002769 8.265350 0.00126 7.324219 -0.002453 7.366500 0.001218 7.358024 0.001300 5.784440 -0.00151	0.033724	36.126757	-0.039149	36.748110	0.034686	36.605243
0.015467 21.515985 -0.017534 21.515985 0.015767 21.615299 0.013018 19.309065 -0.014750 19.398191 0.013276 19.487731 0.010938 17.408496 -0.012392 17.529166 0.011157 17.569575 0.009022 15.586953 -0.010228 15.658899 0.009215 15.676938 0.007353 13.956010 -0.008328 13.988181 0.007484 14.020428 0.005899 12.466979 -0.006801 12.495719 0.006111 12.567858 0.004890 11.214019 -0.005573 11.265779 0.005003 11.330818 0.004019 10.133541 -0.004570 10.121882 0.004099 10.168601 0.002266 8.095827 -0.003041 8.293946 0.002769 8.265350 0.002126 7.324219 -0.002453 7.366500 0.002188 7.358024 0.001685 6.565400 -0.001947 6.580536 0.001724 6.542765 0.001123 5.245191 -0.001307 </td <td>0.021855</td> <td>26.962568</td> <td>-0.024798</td> <td>27.024723</td> <td>0.022272</td> <td>27.149463</td>	0.021855	26.962568	-0.024798	27.024723	0.022272	27.149463
0.013018 19.309065 -0.014750 19.398191 0.013276 19.487731 0.010938 17.408496 -0.012392 17.529166 0.011157 17.569575 0.009022 15.586953 -0.010228 15.658899 0.009215 15.676938 0.007353 13.956010 -0.008328 13.988181 0.007484 14.020428 0.005989 12.466979 -0.006801 12.495719 0.006111 12.567858 0.004890 11.214019 -0.005573 11.258779 0.005003 11.330818 0.004019 10.133541 -0.004570 10.121882 0.004099 10.168601 0.003279 9.094132 -0.003739 9.157170 0.003352 9.125596 0.002166 8.095827 -0.00341 8.293946 0.002769 8.265350 0.001267 7.324219 -0.002453 7.366500 0.002188 7.358024 0.001300 5.784440 -0.001474 6.580536 0.001724 6.542765 0.001123 5.245191 -0.00157	0.018405	23.975145	-0.020856	24.085809	0.018755	24.141334
0.013018 19.309065 -0.014750 19.398191 0.013276 19.487731 0.010938 17.408496 -0.012392 17.529166 0.011157 17.569575 0.009022 15.586953 -0.010228 15.658899 0.009215 15.676938 0.007353 13.956010 -0.008328 13.988181 0.007484 14.020428 0.005989 12.466979 -0.006801 12.495719 0.006111 12.567858 0.004890 11.214019 -0.005573 11.258779 0.005003 11.330818 0.004019 10.133541 -0.004570 10.121882 0.004099 10.168601 0.003279 9.094132 -0.003739 9.157170 0.003352 9.125596 0.002166 8.095827 -0.00341 8.293946 0.002769 8.265350 0.001267 7.324219 -0.002453 7.366500 0.002188 7.358024 0.001300 5.784440 -0.001474 6.580536 0.001724 6.542765 0.001123 5.245191 -0.00157	0.015467	21.515985	-0.017534	21.515985	0.015767	21.615299
0.009022 15.586953 -0.010228 15.658899 0.009215 15.676938 0.007353 13.956010 -0.008328 13.988181 0.007484 14.020428 0.005989 12.466979 -0.006801 12.495719 0.006111 12.567858 0.004890 11.214019 -0.005573 11.265779 0.005003 11.330818 0.004019 10.133541 -0.004570 10.121882 0.004099 10.168601 0.003279 9.094132 -0.003739 9.157170 0.00352 9.125596 0.002660 8.095827 -0.003041 8.293946 0.002769 8.265350 0.002126 7.324219 -0.002453 7.366500 0.002188 7.358024 0.001885 6.565400 -0.001947 6.580536 0.001724 6.542765 0.001300 5.784440 -0.001511 5.718225 0.001334 5.757862 0.001123 5.245191 -0.001307 5.269400 0.00174 5.275471 0.00074 4.209798 -0.0003570	0.013018		-0.014750		0.013276	19.487731
0.009022 15.586953 -0.010228 15.658899 0.009215 15.676938 0.007353 13.956010 -0.008328 13.988181 0.007484 14.020428 0.005989 12.466979 -0.006801 12.495719 0.006111 12.567858 0.004890 11.214019 -0.005573 11.265779 0.005003 11.330818 0.004019 10.133541 -0.004570 10.121882 0.004099 10.168601 0.003279 9.094132 -0.003739 9.157170 0.00352 9.125596 0.002660 8.095827 -0.003041 8.293946 0.002769 8.265350 0.002126 7.324219 -0.002453 7.366500 0.002188 7.358024 0.001885 6.565400 -0.001947 6.580536 0.001724 6.542765 0.001300 5.784440 -0.001511 5.718225 0.001334 5.757862 0.001123 5.245191 -0.001307 5.269400 0.00174 5.275471 0.00074 4.209798 -0.0003570	0.010938	17.408496	-0.012392	17.529166	0.011157	17.569575
0.005989 12.466979 -0.006801 12.495719 0.006111 12.567858 0.004890 11.214019 -0.005573 11.265779 0.005003 11.330818 0.004019 10.133541 -0.004570 10.121882 0.004099 10.168601 0.003279 9.094132 -0.003739 9.157170 0.003352 9.125596 0.002660 8.095827 -0.00341 8.293946 0.002769 8.265350 0.002126 7.324219 -0.002453 7.366500 0.002188 7.358024 0.00185 6.565400 -0.001947 6.580536 0.001724 6.542765 0.001300 5.784440 -0.001511 5.718225 0.001334 5.757862 0.001123 5.245191 -0.001307 5.269400 0.001174 5.275471 0.000891 4.701768 -0.00157 4.723470 0.000924 4.728912 0.000704 4.209798 -0.000850 4.226839 0.000736 4.243862 0.000457 3.396200 -0.00570 3.4	0.009022		-0.010228	15.658899	0.009215	15.676938
0.004890 11.214019 -0.005573 11.265779 0.005003 11.330818 0.004019 10.133541 -0.00470 10.121882 0.004099 10.168601 0.003279 9.094132 -0.003739 9.157170 0.003352 9.125596 0.002160 8.095827 -0.003041 8.293946 0.002769 8.265350 0.002126 7.324219 -0.002453 7.366500 0.002188 7.358024 0.001855 6.565400 -0.001947 6.580536 0.001724 6.542765 0.001300 5.784440 -0.001511 5.718225 0.001334 5.757862 0.001123 5.245191 -0.001307 5.269400 0.001174 5.275471 0.000891 4.701768 -0.00157 4.723470 0.000924 4.728912 0.000704 4.209798 -0.000850 4.226839 0.000736 4.243862 0.000457 3.790376 -0.000689 3.791428 0.000603 3.830551 0.000457 3.3950686 -0.000463 3.0	0.007353	13.956010	-0.008328	13.988181	0.007484	14.020428
0.004019 10.133541 -0.004570 10.121882 0.004099 10.168601 0.003279 9.094132 -0.003739 9.157170 0.003352 9.125596 0.002660 8.095827 -0.003041 8.293946 0.002769 8.265350 0.002126 7.324219 -0.002453 7.366500 0.002188 7.358024 0.001685 6.565400 -0.001947 6.580536 0.001724 6.542765 0.001300 5.784440 -0.001511 5.718225 0.001334 5.757862 0.001123 5.245191 -0.001307 5.269400 0.001174 5.275471 0.000891 4.701768 -0.001057 4.723470 0.000924 4.728912 0.000704 4.209798 -0.000850 4.226839 0.000736 4.243862 0.000457 3.396200 -0.000689 3.791428 0.000603 3.830551 0.000457 3.396200 -0.00043 3.078014 0.000389 3.079630 0.000292 2.745766 -0.00369 2.72686	0.005989	12.466979	-0.006801	12.495719	0.006111	12.567858
0.003279 9.094132 -0.003739 9.157170 0.003352 9.125596 0.002660 8.095827 -0.003041 8.293946 0.002769 8.265350 0.002126 7.324219 -0.002453 7.366500 0.002188 7.358024 0.001685 6.565400 -0.001947 6.580536 0.001724 6.542765 0.001300 5.784440 -0.001511 5.718225 0.001334 5.757862 0.001123 5.245191 -0.001307 5.269400 0.001174 5.275471 0.000891 4.701768 -0.001657 4.723470 0.000924 4.728912 0.000704 4.209798 -0.000850 4.226839 0.000736 4.243862 0.000574 3.790376 -0.000689 3.791428 0.000603 3.830551 0.000457 3.396200 -0.000570 3.434303 0.000483 3.421852 0.000365 3.050686 -0.000463 3.078014 0.000389 3.079630 0.000292 2.745766 -0.000369 2.726866	0.004890	11.214019	-0.005573	11.265779	0.005003	11.330818
0.002660 8.095827 -0.003041 8.293946 0.002769 8.265350 0.002126 7.324219 -0.002453 7.366500 0.002188 7.358024 0.001685 6.565400 -0.001947 6.580536 0.001724 6.542765 0.001300 5.784440 -0.001511 5.718225 0.001334 5.757862 0.001123 5.245191 -0.001307 5.269400 0.001174 5.275471 0.000891 4.701768 -0.001057 4.723470 0.000924 4.728912 0.000704 4.209798 -0.000850 4.226839 0.000736 4.243862 0.000574 3.790376 -0.000689 3.791428 0.000603 3.830551 0.000457 3.396200 -0.000570 3.434303 0.000483 3.079630 0.000292 2.745766 -0.000369 2.726866 0.000311 2.759206 0.000236 2.486639 -0.000342 2.489933 0.000246 2.460514 0.000128 1.889049 -0.000124 1.867932	0.004019	10.133541	-0.004570	10.121882	0.004099	10.168601
0.002126 7.324219 -0.002453 7.366500 0.002188 7.358024 0.001685 6.565400 -0.001947 6.580536 0.001724 6.542765 0.001300 5.784440 -0.001511 5.718225 0.001334 5.757862 0.001123 5.245191 -0.001057 5.269400 0.001174 5.275471 0.000891 4.701768 -0.001057 4.723470 0.000924 4.728912 0.000704 4.209798 -0.000850 4.226839 0.000736 4.243862 0.000574 3.790376 -0.000689 3.791428 0.000603 3.830551 0.000457 3.396200 -0.000570 3.434303 0.000483 3.421852 0.000365 3.050686 -0.000463 3.078014 0.000389 3.079630 0.000292 2.745766 -0.000369 2.726866 0.000311 2.759206 0.000236 2.486639 -0.000312 2.489933 0.000246 2.460514 0.000128 1.889049 -0.000187 1.867932	0.003279	9.094132	-0.003739	9.157170	0.003352	9.125596
0.001685 6.565400 -0.001947 6.580536 0.001724 6.542765 0.001300 5.784440 -0.001511 5.718225 0.001334 5.757862 0.001123 5.245191 -0.001307 5.269400 0.001174 5.275471 0.000891 4.701768 -0.001057 4.723470 0.000924 4.728912 0.000704 4.209798 -0.000850 4.226839 0.000736 4.243862 0.000574 3.790376 -0.000689 3.791428 0.000603 3.830551 0.000457 3.396200 -0.000570 3.434303 0.000483 3.421852 0.000365 3.050686 -0.000463 3.078014 0.000389 3.079630 0.000292 2.745766 -0.000369 2.726866 0.000311 2.759206 0.000236 2.486639 -0.000312 2.489933 0.000246 2.460514 0.000128 1.889049 -0.000187 1.867932 0.000150 1.936874 0.000059 1.664186 -0.000151 1.645758	0.002660		-0.003041	8.293946	0.002769	8.265350
0.001300 5.784440 -0.001511 5.718225 0.001334 5.757862 0.001123 5.245191 -0.001307 5.269400 0.001174 5.275471 0.000891 4.701768 -0.00157 4.723470 0.000924 4.728912 0.000704 4.209798 -0.000850 4.226839 0.000736 4.243862 0.000574 3.790376 -0.000689 3.791428 0.000603 3.830551 0.000457 3.396200 -0.000570 3.434303 0.000483 3.421852 0.000365 3.050686 -0.000463 3.078014 0.000389 3.079630 0.000292 2.745766 -0.000369 2.726866 0.000311 2.759206 0.000236 2.486639 -0.000312 2.489933 0.000246 2.460514 0.000128 1.889049 -0.000187 1.867932 0.000192 2.181488 0.000128 1.889499 -0.000187 1.645758 0.000107 1.649268 0.000058 1.368824 -0.000168 1.332695<	0.002126	7.324219	-0.002453	7.366500	0.002188	7.358024
0.001123 5.245191 -0.001307 5.269400 0.001174 5.275471 0.000891 4.701768 -0.001057 4.723470 0.000924 4.728912 0.000704 4.209798 -0.000850 4.226839 0.000736 4.243862 0.000574 3.790376 -0.000689 3.791428 0.000603 3.830551 0.000457 3.396200 -0.000570 3.434303 0.000483 3.421852 0.000365 3.050686 -0.000463 3.078014 0.000389 3.079630 0.000292 2.745766 -0.000369 2.726866 0.000311 2.759206 0.000236 2.486639 -0.000312 2.489933 0.000246 2.460514 0.000128 1.889049 -0.000187 1.867932 0.000192 2.181488 0.000128 1.889049 -0.000187 1.864932 0.000107 1.649268 0.000055 1.664186 -0.000151 1.645758 0.000107 1.649268 0.000058 1.368824 -0.000168 1.332695	0.001685	6.565400	-0.001947	6.580536	0.001724	6.542765
0.000891 4.701768 -0.001057 4.723470 0.000924 4.728912 0.000704 4.209798 -0.000850 4.226839 0.000736 4.243862 0.000574 3.790376 -0.000689 3.791428 0.000603 3.830551 0.000457 3.396200 -0.000570 3.434303 0.000483 3.421852 0.000365 3.050686 -0.000463 3.078014 0.000389 3.079630 0.000292 2.745766 -0.000369 2.726866 0.000311 2.759206 0.000236 2.486639 -0.000312 2.489933 0.000246 2.460514 0.000169 2.135693 -0.000243 2.168759 0.000192 2.181488 0.000128 1.889049 -0.000187 1.867932 0.000150 1.936874 0.000095 1.664186 -0.000151 1.645758 0.000107 1.649268 0.000058 1.368824 -0.00018 1.332695 0.000084 1.472551 0.000024 1.024929 -0.000055 1.163135<	0.001300	5.784440	-0.001511	5.718225	0.001334	5.757862
0.000704 4.209798 -0.000850 4.226839 0.000736 4.243862 0.000574 3.790376 -0.000689 3.791428 0.000603 3.830551 0.000457 3.396200 -0.000570 3.434303 0.000483 3.421852 0.000365 3.050686 -0.000463 3.078014 0.000389 3.079630 0.000292 2.745766 -0.000369 2.726866 0.000311 2.759206 0.000236 2.486639 -0.000312 2.489933 0.000246 2.460514 0.000169 2.135693 -0.000243 2.168759 0.000192 2.181488 0.000128 1.889049 -0.000187 1.867932 0.000150 1.936874 0.000095 1.664186 -0.000151 1.645758 0.000107 1.649268 0.000058 1.386399 -0.000126 1.471869 0.000084 1.472551 0.000037 1.168432 -0.000058 1.130188 0.000055 1.163135 0.000024 1.024929 -0.000073 1.008517	0.001123	5.245191	-0.001307	5.269400	0.001174	
0.000574 3.790376 -0.000689 3.791428 0.000603 3.830551 0.000457 3.396200 -0.000570 3.434303 0.000483 3.421852 0.000365 3.050686 -0.000463 3.078014 0.000389 3.079630 0.000292 2.745766 -0.000369 2.726866 0.000311 2.759206 0.000236 2.486639 -0.000312 2.489933 0.000246 2.460514 0.000169 2.135693 -0.000243 2.168759 0.000192 2.181488 0.000128 1.889049 -0.000187 1.867932 0.000150 1.936874 0.000095 1.664186 -0.000151 1.645758 0.000107 1.649268 0.000060 1.386399 -0.000126 1.471869 0.000084 1.472551 0.000037 1.168432 -0.00018 1.330895 0.000065 1.308691 0.000024 1.024929 -0.000073 1.008517 0.000039 1.043570 0.000020 0.976541 -0.000060 0.857441<	0.000891	4.701768	-0.001057	4.723470	0.000924	4.728912
0.000457 3.396200 -0.000570 3.434303 0.000483 3.421852 0.000365 3.050686 -0.000463 3.078014 0.000389 3.079630 0.000292 2.745766 -0.000369 2.726866 0.000311 2.759206 0.000236 2.486639 -0.000312 2.489933 0.000246 2.460514 0.000169 2.135693 -0.000243 2.168759 0.000192 2.181488 0.000128 1.889049 -0.000187 1.867932 0.000150 1.936874 0.000095 1.664186 -0.000151 1.645758 0.000107 1.649268 0.000060 1.386399 -0.000126 1.471869 0.000084 1.472551 0.000058 1.368824 -0.000108 1.332695 0.000065 1.308691 0.000024 1.024929 -0.000073 1.008517 0.000039 1.043570 0.000024 1.024929 -0.000073 1.008517 0.000027 0.895101 0.000004 0.752492 -0.000060 0.857441	0.000704	4.209798	-0.000850	4.226839	0.000736	4.243862
0.000365 3.050686 -0.000463 3.078014 0.000389 3.079630 0.000292 2.745766 -0.000369 2.726866 0.000311 2.759206 0.000236 2.486639 -0.000312 2.489933 0.000246 2.460514 0.000169 2.135693 -0.000243 2.168759 0.000192 2.181488 0.000128 1.889049 -0.000187 1.867932 0.000150 1.936874 0.000095 1.664186 -0.000151 1.645758 0.000107 1.649268 0.000060 1.386399 -0.000126 1.471869 0.000084 1.472551 0.000058 1.368824 -0.00018 1.332695 0.000065 1.308691 0.000037 1.168432 -0.000085 1.130188 0.000050 1.163135 0.000024 1.024929 -0.000073 1.008517 0.000039 1.043570 0.000020 0.976541 -0.000060 0.857441 0.000017 0.749230 0.000004 0.752492 -0.000066 0.659669<	0.000574	3.790376	-0.000689	3.791428	0.000603	3.830551
0.000292 2.745766 -0.000369 2.726866 0.000311 2.759206 0.000236 2.486639 -0.000312 2.489933 0.000246 2.460514 0.000169 2.135693 -0.000243 2.168759 0.000192 2.181488 0.000128 1.889049 -0.000187 1.867932 0.000150 1.936874 0.000095 1.664186 -0.000151 1.645758 0.000107 1.649268 0.000060 1.386399 -0.000126 1.471869 0.000084 1.472551 0.000058 1.368824 -0.00018 1.332695 0.000065 1.308691 0.000037 1.168432 -0.000085 1.130188 0.000050 1.163135 0.000024 1.024929 -0.000073 1.008517 0.000039 1.043570 0.000020 0.976541 -0.000060 0.857441 0.000027 0.895101 0.000004 0.752492 -0.000046 0.659669 0.000015 0.716502 -0.000007 0.553830 -0.000037 0.480995			-0.000570	3.434303	0.000483	3.421852
0.000236 2.486639 -0.000312 2.489933 0.000246 2.460514 0.000169 2.135693 -0.000243 2.168759 0.000192 2.181488 0.000128 1.889049 -0.000187 1.867932 0.000150 1.936874 0.000095 1.664186 -0.000151 1.645758 0.000107 1.649268 0.000060 1.386399 -0.000126 1.471869 0.000084 1.472551 0.000058 1.368824 -0.000108 1.332695 0.000065 1.308691 0.000037 1.168432 -0.000085 1.130188 0.000050 1.163135 0.000024 1.024929 -0.000073 1.008517 0.000039 1.043570 0.000020 0.976541 -0.000060 0.857441 0.000027 0.895101 0.000004 0.752492 -0.000046 0.659669 0.000015 0.716502 -0.000007 0.553830 -0.000037 0.480995 0.000001 0.421392 -0.0000010 0.477516 -0.000034 0.413	0.000365		-0.000463		0.000389	
0.000169 2.135693 -0.000243 2.168759 0.000192 2.181488 0.000128 1.889049 -0.000187 1.867932 0.000150 1.936874 0.000095 1.664186 -0.000151 1.645758 0.000107 1.649268 0.000060 1.386399 -0.000126 1.471869 0.000084 1.472551 0.000058 1.368824 -0.000108 1.332695 0.000065 1.308691 0.000037 1.168432 -0.000085 1.130188 0.000050 1.163135 0.000024 1.024929 -0.000073 1.008517 0.000039 1.043570 0.000020 0.976541 -0.000060 0.857441 0.000027 0.895101 0.000008 0.814304 -0.000053 0.763814 0.000017 0.749230 0.000004 0.752492 -0.000046 0.659669 0.000013 0.682204 -0.000007 0.553830 -0.000037 0.480995 0.000001 0.421392 -0.0000010 0.477516 -0.000034 0.413						
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0.000060 1.386399 -0.000126 1.471869 0.000084 1.472551 0.000058 1.368824 -0.000108 1.332695 0.000065 1.308691 0.000037 1.168432 -0.000085 1.130188 0.000050 1.163135 0.000024 1.024929 -0.000073 1.008517 0.000039 1.043570 0.000020 0.976541 -0.000060 0.857441 0.000027 0.895101 0.000008 0.814304 -0.000053 0.763814 0.000017 0.749230 0.000004 0.752492 -0.000046 0.659669 0.000015 0.716502 -0.000002 0.651238 -0.000041 0.565593 0.000013 0.682204 -0.000007 0.553830 -0.000037 0.480995 0.000001 0.421392 -0.000010 0.477516 -0.000034 0.413108 0.413108	0.000128			1.867932	0.000150	1.936874
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-0.000010 0.477516 -0.000034 0.413108						
					0.000001	0.421392
-0.000012 0.410144			-0.000034	0.413108		
	-0.000012	0.410144				



Ref: CR-280-1-08-SATB-A

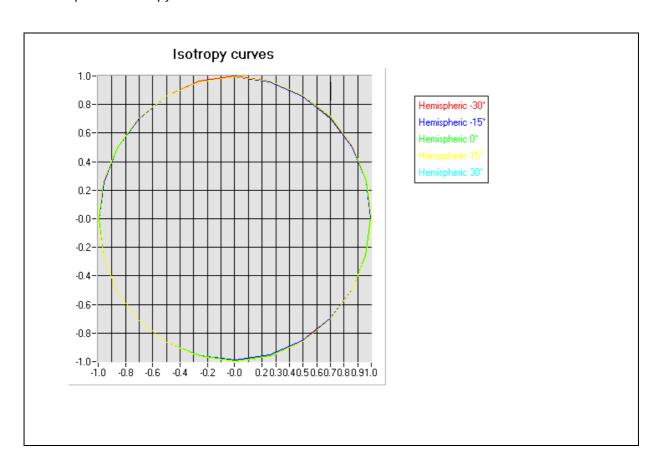
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Sensitivity in liquid:

Liquid	3	σ	CF dipole 1	CF dipole 2	CF dipole 3
			(W.kg ⁻¹	(W.kg ⁻¹	(W.kg ⁻¹
			$(mV)^{-1}$	$(mV)^{-1}$)	$(mV)^{-1}$)
Head	43.50	0.87	24.451	22.393	24.045
Body	58.00	0.83	24.691	22.414	24.201

B. Isotropy.

- Axial isotropy: 0.03 dB- Hemispherical isotropy: 0.03 dB



C. Linearity.

- Linearity:

0.05 dB



Ref: CR-280-1-08-SATB-A

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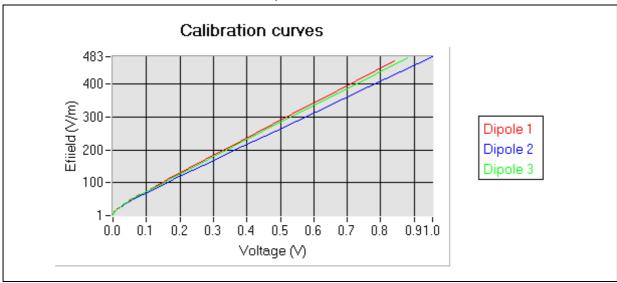
2. Calibration at 835.00 MHz

A. Calibration parameters.

Label	850
Epsilon	43.40
Sigma	0.89 S/m
Temperature	21℃
Cable loss	0.11 dB
Coupler loss	20.50 dB
Waveguide S11	-20.90 dB
Low limit detection	0.92 V/m (0.75 mW/kg)

Calibration curves ei=f(V) (i=1,2,3) allow to obtain E-field value using the formula:

$$E = \sqrt{E_1^2 * E_2^2 * E_3^2}$$



The following tables represent the calibration curves linearization by curve segment in CW signal.



Ref: CR-280-1-08-SATB-A

Calibration coefficients for the three dipoles in CW:

v1	e1	v2	e2	v3	e3
0.839252	469.730948	-0.954847	482.718447	0.879546	479.683033
0.668119	379.166614	-0.762014	390.347498	0.698229	385.999214
0.533716	307.961972	-0.606148	315.607901	0.558143	313.544664
0.426955	251.311080	-0.486812	258.298379	0.448077	256.531927
0.342037	206.144479	-0.387670	210.582203	0.360609	211.126634
0.276846	171.355772	-0.308360	172.284375	0.286505	172.535979
0.180629	118.178721	-0.197173	118.042741	0.185251	118.178721
0.163497	109.153907	-0.178754	109.153907	0.167665	109.153907
0.145275	99.549546	-0.159179	99.549546	0.149045	99.549546
0.127277	89.957894	-0.139807	89.957894	0.130662	89.854386
0.110307	80.730805	-0.121434	80.730805	0.113306	80.637914
0.094797	72.200346	-0.104643	72.200346	0.097445	72.117272
0.081814	64.944037	-0.090598	64.869310	0.084174	64.869310
0.069641	57.948111	-0.077338	57.881434	0.071699	57.881434
0.058878	51.586883	-0.065586	51.586883	0.060658	51.527524
0.049536	45.976857	-0.055336	45.976857	0.051073	45.923955
0.041505	40.976917	-0.046508	40.976917	0.042828	40.929767
0.034714	36.604905	-0.039026	36.562786	0.035889	36.562786
0.028810	32.586617	-0.032462	32.586617	0.029795	32.586617
0.023825	29.076310	-0.026929	29.076310	0.024666	29.076310
0.019557	25.914289	-0.022164	25.914289	0.020277	25.914289
0.015950	23.069558	-0.018115	23.043013	0.016542	23.043013
0.013090	20.655670	-0.014875	20.631903	0.013571	20.631903
0.010616	18.409385	-0.012100	18.388202	0.011028	18.388202
0.008582	16.407381	-0.009802	16.388503	0.008915	16.388503
0.006917	14.623094	-0.007914	14.623094	0.007191	14.606268
0.005549	13.017850	-0.006351	13.017850	0.005768	13.002872
0.004461	11.628917	-0.005124	11.628917	0.004648	11.615537
0.003564	10.352358	-0.004108	10.352358	0.003719	10.352358
0.002836	9.226549	-0.003286	9.226549	0.002977	9.226549
0.002259	8.223170	-0.002617	8.213708	0.002375	8.213708
0.001802	7.320476	-0.002093	7.320476	0.001895	7.320476
0.001429	6.532638	-0.001685	6.554495	0.001523	6.554495
0.001138	5.840422	-0.001336	5.834979	0.001210	5.834979
0.000899	5.203480	-0.001071	5.206420	0.000963	5.193805
0.000715	4.654101	-0.000853	4.640227	0.000762	4.623419
0.000576	4.191605	-0.000682	4.135607	0.000613	4.150307
0.000451	3.726997	-0.000549	3.707142	0.000502	3.759352
0.000357	3.335245	-0.000440	3.296394	0.000387	3.305900
0.000263	2.890885	-0.000359	2.958281	0.000306	2.944897
0.000207	2.590175	-0.000279	2.627855	0.000247	2.651180
0.000207	2.288534	-0.000279	2.368777	0.000247	2.332553
0.000137	2.121692	-0.000183	2.102414	0.000150	2.093365
0.000132	1.963178	-0.000153	1.908778	0.000132	1.860869
0.000775	1.680457	-0.000133	1.677779	0.000113	1.736978
0.000076	1.581195	-0.000093	1.445687	0.000100	1.523360
0.000004	1.212454	-0.000095	1.372183	0.000078	1.338399
0.000025	1.039547	-0.000076	1.284474	0.000035	1.207065
0.000010	0.888771	-0.000070	1.123173	0.000047	1.123386
-0.000001	0.763681	-0.000055	1.051749	0.000040	0.953273
-0.000001	0.660920	-0.000033	0.934431	0.000027	0.820744
-0.000000	0.562064	-0.000046	0.934431	0.000019	0.708836
0.000010	0.002004	-0.000040	0.749985	0.000013	0.607750
		-0.000034	0.749985	0.000004	0.516845
		-0.000034	0.749903	0.00004	0.010040
		-0.000020	0.509470		



Ref: CR-280-1-08-SATB-A

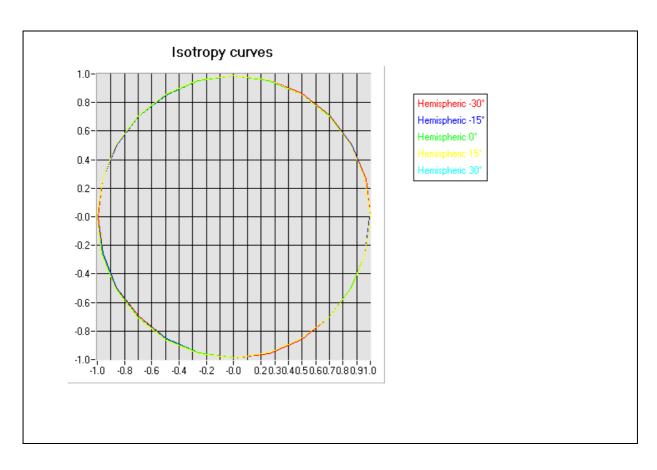
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Sensitivity in liquid:

	-1				
Liquid	3	σ	CF dipole 1	CF dipole 2	CF dipole 3
_			$(W.kg^{-1})$	$(W.kg^{-1})$	$(W.kg^{-1})$
			$(mV)^{-1}$	$(mV)^{-1}$	$(mV)^{-1}$
Head	41.50	0.90	28.479	25.214	27.196
Body	56.10	0.95	28.559	25.681	27.588

B. Isotropy.

- Axial isotropy: 0.04 dB- Hemispherical isotropy: 0.04 dB



C. Linearity.

- Linearity:

0.07 dB



Ref: CR-280-1-08-SATB-A

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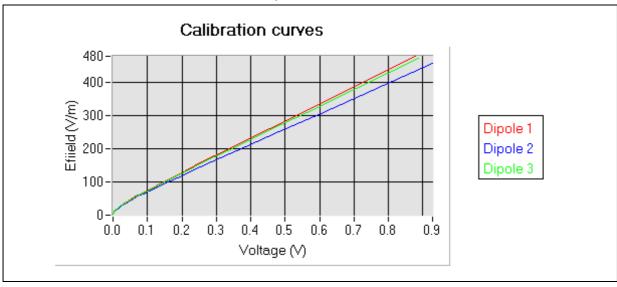
3. Calibration at 897.00 MHz

A. Calibration parameters.

Label	900
Epsilon	42.58
Sigma	0.96 S/m
Temperature	21℃
Cable loss	0.10 dB
Coupler loss	20.27 dB
Waveguide S11	-12.70 dB
Low limit detection	0.82 V/m (0.64 mW/kg)

Calibration curves ei=f(V) (i=1,2,3) allow to obtain E-field value using the formula:

$$E = \sqrt{E_1^2 * E_2^2 * E_3^2}$$



The following tables represent the calibration curves linearization by curve segment in CW signal.



Ref: CR-280-1-08-SATB-A

Calibration coefficients for the three dipoles in CW:

v1	e1	v2	e2	v3	e3
0.878810	479.977093	-0.928152	459.051477	0.886673	474.446145
0.699049	387.518511	-0.752319	377.321870	0.705070	382.994793
0.562801	317.354184	-0.603602	308.110116	0.562999	311.358915
0.456625	262.582111	-0.482616	251.698142	0.450632	254.594534
0.369216	217.381022	-0.386006	206.527074	0.363798	210.611269
0.293620	178.145102	-0.313396	172.446614	0.294302	175.279111
0.235810	147.981694	-0.254479	144.650728	0.237694	146.350348
0.188812	123.280907	-0.205809	121.524362	0.191549	122.597856
0.151354	103.395870	-0.166238	102.537341	0.155625	103.928232
0.098881	72.556308	-0.100238	72.556308	0.100895	72.807341
0.091615	69.290736	-0.104645	69.211008	0.093599	69.530471
0.082677 0.072569	65.039197 59.934263	-0.090592 -0.079899	65.039197 59.865301	0.084502 0.074282	65.189128 60.003305
0.072569	53.910725	-0.079899	53.910725	0.074282	54.035002
			47.116734	0.063236	47.116734
0.050267	47.008368 42.283913	-0.056037 -0.047620	42.332622		
0.042568				0.043641	42.381388
0.035946	38.078092	-0.040363	38.165871	0.036889	38.165871
0.030387	34.330108	-0.034169	34.409247	0.031134	34.448885
0.025582	30.986689	-0.028869	31.022384	0.026194	31.058120
0.021377	27.936705	-0.024181	27.968886	0.021863	27.968886
0.017722	25.128998	-0.020091	25.128998	0.018132	25.128998
0.014528	22.447872	-0.016484	22.447872	0.014809	22.422043
0.011676	19.914765	-0.013312	19.914765	0.011901	19.891849
0.009160	17.485384	-0.010469	17.485384	0.009337	17.465265
0.006717	14.797051	-0.007745	14.797051	0.006833	14.797051
0.005366	13.172711	-0.006210	13.187886	0.005458	13.172711
0.004307	11.780811	-0.005039	11.794382	0.004386	11.780811
0.003482	10.560274	-0.004078	10.572439	0.003548	10.572439
0.002814	9.498940	-0.003348	9.509883	0.002876	9.509883
0.002287	8.544274	-0.002732	8.554117	0.002314	8.549179
0.001835	7.676711	-0.002231	7.694408	0.001854	7.684445
0.001458	6.865548	-0.001811	6.874850	0.001467	6.873184
0.001140	6.093914	-0.001448	6.110581	0.001146	6.119211
0.000870	5.359101	-0.001147	5.395359	0.000872	5.392877
0.000602	4.512924	-0.000826	4.509302	0.000594	4.538660
0.000465	4.012011	-0.000681	4.045927	0.000459	4.059514
0.000363	3.594012	-0.000554	3.591290	0.000354	3.643540
0.000278	3.204293	-0.000471	3.260085	0.000265	3.249520
0.000230	2.961646	-0.000401	2.952011	0.000191	2.881168
0.000170	2.627007	-0.000341	2.659695	0.000142	2.608794
0.000140	2.442555	-0.000276	2.301496	0.000097	2.330782
0.000090	2.099426	-0.000248	2.128701	0.000061	2.081811
0.000056	1.829704	-0.000211	1.876111	0.000037	1.897771
0.000029	1.583109	-0.000185	1.675995	0.000008	1.648194
0.000022	1.512629	-0.000157	1.429490	-0.000017	1.402573
-0.000009	1.149689	-0.000136	1.212149	-0.000033	1.206539
-0.000007	1.176489	-0.000122	1.041385	-0.000047	1.024494
-0.000019	1.002716	-0.000112	0.900758	-0.000056	0.870486
-0.000028	0.852999	-0.000105	0.779999	-0.000063	0.751437
-0.000035	0.725064	-0.000098	0.665078	-0.000067	0.642982
-0.000039	0.616754	-0.000094	0.573192	-0.000071	0.555219
-0.000043	0.525443	-0.000091	0.488881	-0.000074	0.476607
-0.000045	0.447692				



Ref: CR-280-1-08-SATB-A

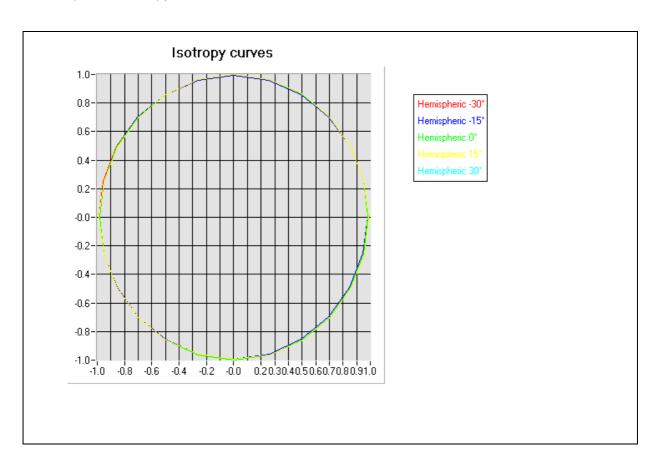
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Sensitivity in liquid:

	-1				
Liquid	3	σ	CF dipole 1	CF dipole 2	CF dipole 3
_			(W.kg ⁻¹	(W.kg ⁻¹	$(W.kg^{-1})$
			$(mV)^{-1}$	$(mV)^{-1}$	$(mV)^{-1}$
Head	41.50	0.97	32.062	27.383	31.065
Body	56.80	1.07	32.381	27.581	31.069

B. Isotropy.

- Axial isotropy: 0.04 dB- Hemispherical isotropy: 0.04 dB



C. Linearity.

- Linearity:

0.08 dB



Ref: CR-280-1-08-SATB-A

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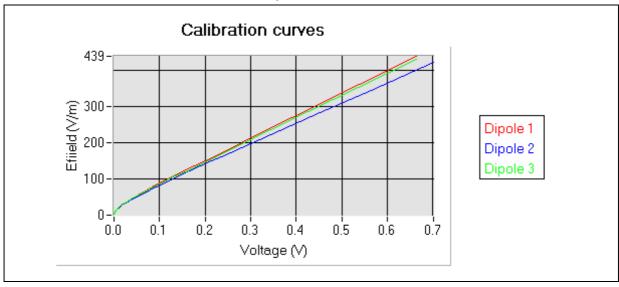
4. Calibration at 1747.00 MHz

A. Calibration parameters.

Label	1800
Epsilon	40.09
Sigma	1.38 S/m
Temperature	21℃
Cable loss	0.14 dB
Coupler loss	20.18 dB
Waveguide S11	-12.70 dB
Low limit detection	0.77 V/m (0.76 mW/kg)

Calibration curves ei=f(V) (i=1,2,3) allow to obtain E-field value using the formula:

$$E = \sqrt{E_1^2 * E_2^2 * E_3^2}$$



The following tables represent the calibration curves linearization by curve segment in CW signal.



Ref: CR-280-1-08-SATB-A

Calibration coefficients for the three dipoles in CW:

v1	e1	v2	e2	v3	e3
0.663731	438.804880	-0.701709	422.361031	0.663453	429.853445
0.539160	362.023035	-0.564539	345.724684	0.536788	353.373332
0.431901	295.807669	-0.451753	282.594309	0.426460	286.648108
0.343426	241.057307	-0.364982	233.896166	0.343134	236.130713
0.219808	160.277952	-0.235390	160.277952	0.223560	160.093531
0.199960	148.892830	-0.214656	149.064347	0.203583	148.379460
0.176749	135.012440	-0.190364	135.323676	0.179925	134.701919
0.153903	121.303627	-0.166397	121.583260	0.156830	121.024636
0.132690	108.236511	-0.144052	108.486023	0.135416	108.111971
0.114103	96.688269	-0.124392	96.911158	0.116620	96.577017
0.098196	86.471658	-0.107364	86.670996	0.100436	86.372161
0.084369	77.512863	-0.092566	77.691549	0.086455	77.423676
0.072516	69.642408	-0.079735	69.802951	0.074359	69.562276
0.062289	62.715341	-0.068695	62.787586	0.063969	62.715341
0.053507	56.542341	-0.059144	56.737969	0.055031	56.607475
0.045565	50.859699	-0.050463	50.976943	0.046806	50.801177
0.036953	44.501412	-0.041052	44.603998	0.038010	44.501412
0.030069	39.162805	-0.033529	39.253084	0.030974	39.162805
0.024559	34.623724	-0.027457	34.703541	0.025331	34.663610
0.020114	30.822921	-0.022570	30.893975	0.020790	30.822921
0.016497	27.502602	-0.018554	27.566001	0.017063	27.534284
0.013562	24.624860	-0.015276	24.681628	0.014044	24.653228
0.011154	22.124516	-0.012611	22.175519	0.011567	22.150003
0.009196	19.923873	-0.010407	19.969804	0.009549	19.969804
0.007595	17.983483	-0.008614	18.024938	0.007887	18.024938
0.006237	16.194732	-0.007082	16.232065	0.006466	16.213389
0.004819	14.153825	-0.005485	14.186452	0.004999	14.186452
0.003758	12.470210	-0.004301	12.484575	0.003902	12.470210
0.002958	11.024878	-0.003393	11.050293	0.003070	11.037578
0.002353	9.803334	-0.002699	9.825932	0.002439	9.814627
0.001870	8.747294	-0.002168	8.757373	0.001956	8.767460
0.001499	7.841042	-0.001746	7.850074	0.001564	7.859117
0.001206	7.036777	-0.001411	7.052998	0.001257	7.061124
0.000974	6.336855	-0.001152	6.358779	0.001020	6.366104
0.000795	5.726296	-0.000949	5.739497	0.000830	5.739497
0.000619	5.052889	-0.000742	5.050958	0.000640	5.050958
0.000461	4.393269	-0.000572	4.414421	0.000483	4.424549
0.000356	3.893589	-0.000447	3.916767	0.000370	3.896823
0.000272	3.442008	-0.000345	3.420826	0.000287	3.458278
0.000212	3.079166	-0.000284	3.086385	0.000223	3.077746
0.000171	2.804352	-0.000237	2.801601	0.000174	2.751051
0.000125	2.459743	-0.000185	2.448220	0.000141	2.507157
0.000097	2.223990	-0.000164	2.290103	0.000108	2.236826
0.000078	2.048621	-0.000135	2.051816	0.000085	2.027207
0.000057	1.835400	-0.000102	1.741442	0.000065	1.825466
0.000043	1.678270	-0.000098	1.699975	0.000053	1.692922
0.000027	1.478382	-0.000082	1.522855	0.000041	1.549077
0.000017	1.338378	-0.000066	1.322219	0.000023	1.303888
0.000005	1.148052	-0.000054 -0.000049	1.148974	0.000015	1.178656
0.000002	1.095316	-0.000049	1.068531	0.000011 0.000002	1.110757
-0.000006 -0.000012	0.937825 0.811741	-0.000043 -0.000036	0.963171 0.823385	-0.000002	0.940225 0.809110
-0.000012	0.698282	-0.000036	0.823385	-0.000004	0.809110
-0.000016	0.698282	-0.000031	0.605013	-0.000008	0.596303
-0.000019		-0.000027	0.523033	-0.000012	0.596303
-0.000022	0.508555 0.437175	-0.000025	0.523033	-0.000014	0.515459
-0.000024	0.43/1/5	-0.000023	0.400000	91 0000.0-	0.443307



Ref: CR-280-1-08-SATB-A

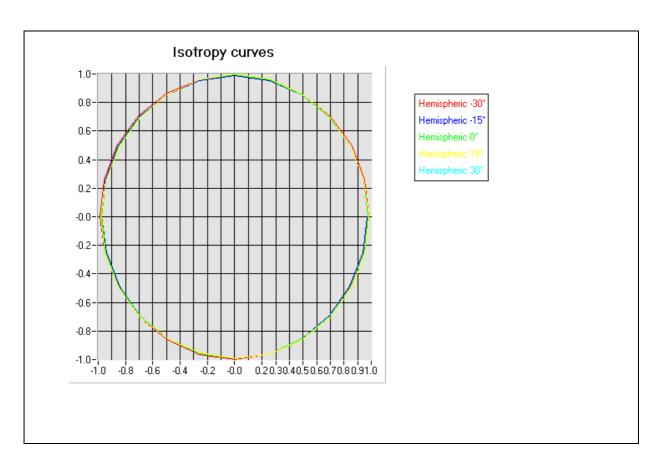
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Sensitivity in liquid:

	1				
Liquid	3	σ	CF dipole 1	CF dipole 2	CF dipole 3
_			$(W.kg^{-1})$	$(W.kg^{-1})$	$(W.kg^{-1})$
			$(mV)^{-1}$	$(mV)^{-1}$	$(mV)^{-1}$
Head	42.00	1.40	42.533	36.791	41.019
Body	54.00	1.45	42.982	37.514	41.835

B. Isotropy.

- Axial isotropy: 0.05 dB- Hemispherical isotropy: 0.06 dB



C. Linearity.

- Linearity:

0.08 dB



Ref: CR-280-1-08-SATB-A

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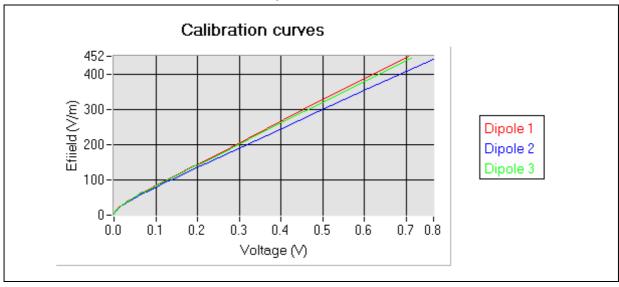
5. Calibration at 1880.00 MHz

A. Calibration parameters.

Label	1900
Epsilon	39.68
Sigma	1.39 S/m
Temperature	21℃
Cable loss	0.15 dB
Coupler loss	20.12 dB
Waveguide S11	-32.10 dB
Low limit detection	0.82 V/m (0.93 mW/kg)

Calibration curves ei=f(V) (i=1,2,3) allow to obtain E-field value using the formula:

$$E = \sqrt{E_1^2 * E_2^2 * E_3^2}$$



The following tables represent the calibration curves linearization by curve segment in CW signal.



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Calibration coefficients for the three dipoles in CW:

v1	e1	v2	e2	v3	e3
0.705687	452.433469	-0.764862	444.880127	0.711360	446.684059
0.563683	367.171675	-0.608616	360.024001	0.572685	365.129747
0.452345	300.224376	-0.487470	294.121999	0.454781	295.690095
0.364839	247.497983	-0.395865	244.176010	0.366095	243.346556
0.233395	163.656692	-0.249573	163.656692	0.237445	163.656692
0.215075	153.261745	-0.230502	153.438296	0.219204	153.261745
0.191763	139.937390	-0.206083	140.098591	0.195785	140.098591
0.167877	125.873344	-0.180901	126.163511	0.171664	126.308846
0.145753	112.832385	-0.157556	113.092489	0.149292	113.222768
0.126236	101.142520	-0.136873	101.259030	0.129435	101.492457
0.108989	90.559448	-0.118604	90.663768	0.111932	90.872769
0.094057	81.177144	-0.102669	81.364277	0.096737	81.551841
0.080982	72.934627	-0.088705	73.102759	0.083414	73,271278
0.069714	65.604521	-0.076562	65.755754	0.071914	65.907337
0.059985	59.215277	-0.066067	59.351782	0.061926	59.488602
0.051909	53.756844	-0.057334	53.880767	0.053598	53.942835
0.042215	46.982246	-0.046814	47.036367	0.043656	47.144797
0.034444	41.298451	-0.038327	41.393653	0.035678	41.441338
0.028208	36.511843	-0.031481	36.596012	0.029255	36.638170
0.023204	32.466372	-0.025945	32.541214	0.024075	32.616231
0.019074	28.969017	-0.021384	29.035797	0.019810	29.102733
0.015712	25.937838	-0.017664	25.997630	0.016340	26.057561
0.012954	23.304177	-0.014597	23.357899	0.013487	23.384805
0.010696	20.962051	-0.012072	21.010373	0.011146	21.058807
0.008846	18.920550	-0.010001	18.964167	0.009222	19.007884
0.007320	17.117241	-0.008280	17.136959	0.007622	17.156700
0.005669	14.942861	-0.006432	14.977308	0.005902	14.994562
0.004418	13.135112	-0.005030	13.165392	0.004607	13.180557
0.003480	11.612714	-0.003970	11.639485	0.003632	11.666316
0.002760	10.337935	-0.003165	10.349843	0.002885	10.361766
0.002209	9.213693	-0.002527	9.234933	0.002300	9.256223
0.001769	8.249616	-0.002042	8.268634	0.001851	8.278160
0.001425	7.411972	-0.001657	7.420510	0.001492	7.437617
0.001154	6.667051	-0.001350	6.682420	0.001208	6.697825
0.000934	6.017745	-0.001105	6.031617	0.000980	6.035436
0.000716	5.271494	-0.000849	5.265501	0.000745	5.279016
0.000539	4.606218	-0.000654	4.609655	0.000566	4.620497
0.000413	4.059511	-0.000512	4.066035	0.000437	4.080555
0.000317	3.587480	-0.000405	3.602614	0.000335	3.596690
0.000249	3.211417	-0.000324	3.207578	0.000271	3.256587
0.000199	2.903996	-0.000268	2.903208	0.000212	2.908029
0.000152	2.581857	-0.000216	2.588731	0.000157	2.540391
0.000121	2.345289	-0.000176	2.317973	0.000133	2.362102
0.000090	2.082012	-0.000151	2.131354	0.000100	2.092295
0.000072	1.912583	-0.000126	1.926743	0.000083	1.938704
0.000055	1.737461	-0.000107	1.755360	0.000061	1.719695
0.000036	1.518014	-0.000084	1.522296	0.000046	1.552761
0.000025	1.375051	-0.000073	1.397154	0.000030	1.352169
0.000010	1.151852	-0.000060	1.232991	0.000019	1.194885
0.000009	1.135413	-0.000046	1.027269	0.000009	1.028022
0.000003	1.031291	-0.000037	0.872937	0.000001	0.874876
-0.000005	0.880469	-0.000031	0.752345	-0.000005	0.749785
-0.000010	0.760355	-0.000027	0.645069	-0.000009	0.639312
-0.000014	0.651604	-0.000023	0.551655	-0.000012	0.551888
-0.000017	0.554581	-0.000021	0.468256	-0.000014	0.473314
-0.000019	0.478585				



Ref: CR-280-1-08-SATB-A

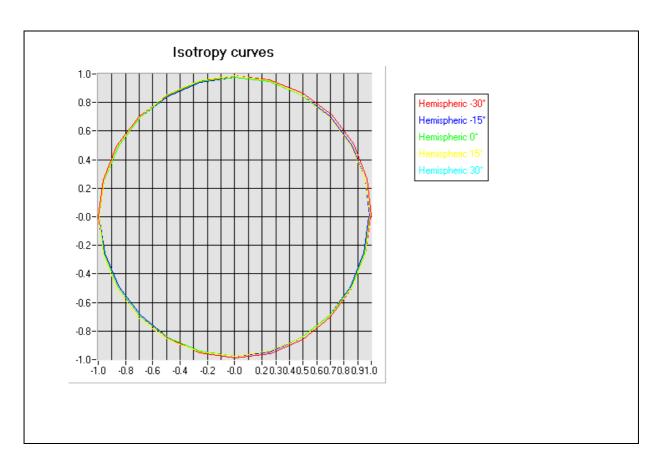
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Sensitivity in liquid:

		-1				
Liqu	id	3	σ	CF dipole 1	CF dipole 2	CF dipole 3
				(W.kg ⁻¹	$(W.kg^{-1})$	$(W.kg^{-1})$
				$(mV)^{-1}$	$(mV)^{-1}$	$(mV)^{-1}$
Hea	d	42.00	1.40	40.136	34.843	38.721
Bod	y	54.00	1.45	40.625	34.773	38.535

B. Isotropy.

- Axial isotropy: 0.06 dB- Hemispherical isotropy: 0.07 dB



C. Linearity.

- Linearity:

0.12 dB



Ref: CR-280-1-08-SATB-A

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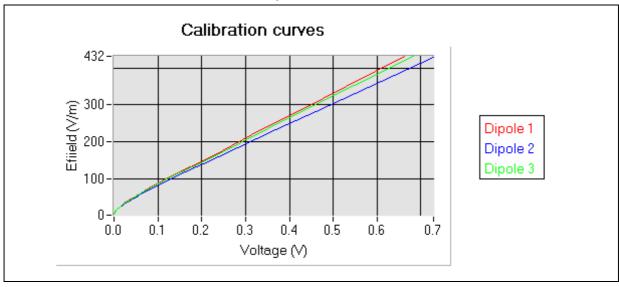
6. Calibration at 1950.00 MHz

A. Calibration parameters.

Label	2000
Epsilon	39.69
Sigma	1.44 S/m
Temperature	21℃
Cable loss	0.14 dB
Coupler loss	20.12 dB
Waveguide S11	-31.20 dB
Low limit detection	0.79 V/m (0.89 mW/kg)

Calibration curves ei=f(V) (i=1,2,3) allow to obtain E-field value using the formula:

$$E = \sqrt{E_1^2 * E_2^2 * E_3^2}$$



The following tables represent the calibration curves linearization by curve segment in CW signal.



Ref: CR-280-1-08-SATB-A

Calibration coefficients for the three dipoles in CW:

v1	e1	v2	e2	v3	e3
0.661947	431.378356	-0.728866	429.451431	0.681969	432.242640
0.528785	350.395683	-0.580429	348.089093	0.548843	353.466289
0.423011	285.964354	-0.461683	282.880864	0.436057	286.620025
0.338877	234.593477	-0.370019	232.409000	0.351179	236.196574
0.222899	159.936072	-0.239382	159.752045	0.227301	159.936072
0.199714	146.536706	-0.214934	146.368096	0.203996	146,536706
0.173676	131.052837	-0.187341	131.203804	0.177783	131.354944
0.149407	116.666568	-0.161622	116.666568	0.153166	116.935513
0.127916	103.501448	-0.138841	103.620677	0.131334	103.740044
0.109450	92.033603	-0.119179	92.245763	0.112533	92.352025
0.093698	82.025035	-0.102267	82.214122	0.096429	82.308830
0.080261	73.442327	-0.087875	73.526929	0.082737	73.611628
0.068722	65.833421	-0.075460	65.909259	0.070899	65.985183
0.058889	59.148866	-0.064861	59.285219	0.060789	59.353513
0.050483	53.326911	-0.055737	53.449842	0.052146	53.573057
0.043169	48.188835	-0.047771	48.244346	0.044590	48.244346
0.034915	42.067473	-0.038773	42.164449	0.036094	42.164449
0.028320	36.978256	-0.031538	37.020853	0.029302	37.063499
0.023047	32.692372	-0.025741	32.730031	0.023873	32.767735
0.018835	29.070093	-0.021098	29.103581	0.019526	29.137107
0.015403	25.908747	-0.017291	25.968474	0.015986	25.998389
0.012633	23.197780	-0.014207	23.251256	0.013114	23.278041
0.010363	20.842337	-0.011685	20.866346	0.010777	20.890384
0.008536	18.747633	-0.009633	18.790850	0.008871	18.812496
0.007026	16.921794	-0.007949	16.941288	0.007315	16.960804
0.005944	15.486255	-0.006726	15.504096	0.006179	15.521955
0.004583	13.534632	-0.005194	13.550222	0.004768	13.565833
0.003563	11.883556	-0.004053	11.897245	0.003715	11.910951
0.002797	10.506219	-0.003195	10.518321	0.002915	10.530438
0.002218	9.331392	-0.002543	9.352903	0.002312	9.363676
0.001764	8.326192	-0.002030	8.335784	0.001837	8.355000
0.001416	7.454979	-0.001638	7.472164	0.001472	7.472164
0.001131	6.690313	-0.001320	6.698020	0.001198	6.705736
0.000915	6.017920	-0.001077	6.031794	0.000960	6.038741
0.000741	5.425583	-0.000885	5.444355	0.000783	5.450626
0.000565	4.763722	-0.000684	4.769210	0.000588	4.754705
0.000426	4.161853	-0.000527	4.177788	0.000448	4.170438
0.000324	3.660725	-0.000407	3.668144	0.000344	3.676792
0.000254	3.272711	-0.000330	3.276639	0.000278	3.325727
0.000190	2.872448	-0.000263	2.907182	0.000218	2.970792
0.000158	2.649739	-0.000216	2.617066	0.000165	2.617533
0.000126	2.406508	-0.000180	2.370960	0.000125	2.315507
0.000089	2.090282	-0.000141	2.071612	0.000103	2.131227
0.000070	1.907632	-0.000125	1.935455	0.000073	1.850594
0.000052	1.716763	-0.000105	1.750428	0.000063	1.747061
0.000040	1.576733	-0.000087	1.565314	0.000050	1.602499
0.000019	1.295764	-0.000068	1.342505	0.000027	1.308170
0.000012	1.187425	-0.000062	1.264011	0.000024	1.264739
0.000006	1.085994	-0.000052	1.121039	0.000017	1.157079
0.000002	1.012745	-0.000044	0.991934	0.000004	0.924453
0.000000	0.974057	-0.000044	0.991934	-0.000002	0.792898
-0.000006	0.841386	-0.000033	0.780282	-0.000006	0.682531
-0.000011	0.721397	-0.000031	0.735283	-0.000010	0.590964
-0.000015	0.616765	-0.000027	0.630434	-0.000012	0.501475
-0.000017	0.529958	-0.000024	0.544930	-0.000014	0.431758
-0.000019	0.458647	-0.000022	0.469734		



Ref: CR-280-1-08-SATB-A

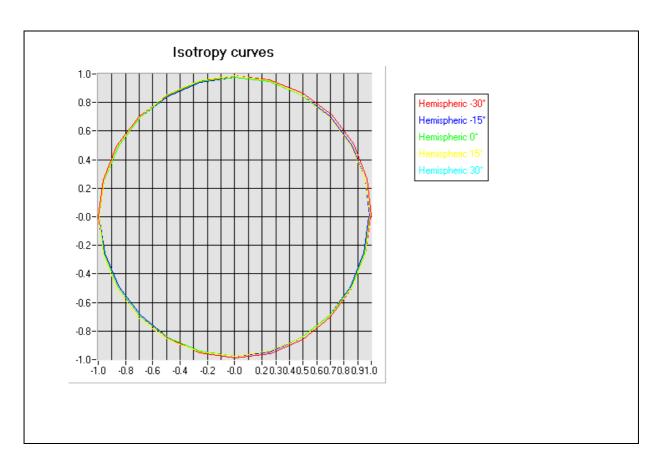
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Sensitivity in liquid:

	1				
Liquid	3	σ	CF dipole 1	CF dipole 2	CF dipole 3
_			(W.kg ⁻¹	$(W.kg^{-1})$	(W.kg ⁻¹
			$(mV)^{-1}$	$(mV)^{-1}$	$(mV)^{-1}$
Head	42.00	1.40	40.977	35.416	39.388
Body	54.00	1.45	41.326	36.005	40.117

B. Isotropy.

- Axial isotropy: 0.06 dB- Hemispherical isotropy: 0.07 dB



C. Linearity.

- Linearity:

0.13 dB



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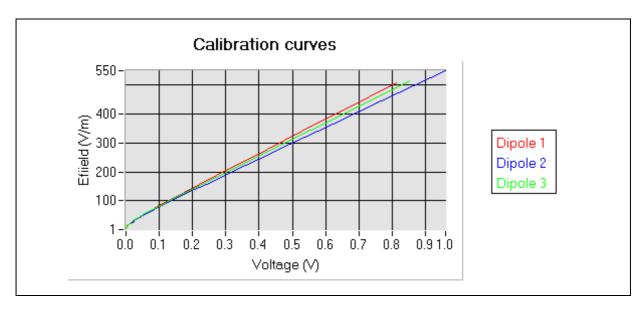
7. Calibration at 2450.00 MHz

A. Calibration parameters.

Label	2450
Epsilon	37.93
Sigma	1.89 S/m
Temperature	21℃
Cable loss	0.13 dB
Coupler loss	21.51 dB
Waveguide S11	-13.20 dB
Low limit detection	0.92 V/m (1.58 mW/kg)

Calibration curves ei=f(V) (i=1,2,3) allow to obtain E-field value using the formula:

$$E = \sqrt{E_1^2 * E_2^2 * E_3^2}$$



The following tables represent the calibration curves linearization by curve segment in CW signal.



Ref: CR-280-1-08-SATB-A

Calibration coefficients for the three dipoles in CW:

4	T -4	0	-0		-0
v1 0.811011	e1	V2	e2	v3 0.852378	e3
0.654685	506.364572 414.338278	-0.960250 -0.765658	549.576775 443.865967	0.690132	513.168901 421.007684
		-0.765656			344.472882
0.527958 0.426242	339.653217 279.610707	-0.620567	364.975082	0.555542	283.424871
0.426242		-0.492754	295.384135	0.448357 0.360025	
	230.727305		244.577703		232.997679
0.272758	188.648406	-0.320299	201.177838	0.289397	192.540954
0.219562	156.902806	-0.255170	165.396787	0.231016	158.937231
0.175415	130.373321	-0.205220	137.792360	0.187773	133.881325
0.141416	109.746862	-0.163038	114.288007	0.151432	112.638859
0.114684	93.328263	-0.131858	96.719904	0.122274	95.390988
0.092577	79.531494	-0.106512	82.235294	0.098545	81.132443
0.074356	67.920300	-0.084551	69.442209	0.078767	69.000273
0.059797	58.393153	-0.068505	59.864104	0.063888	59.636096
0.048340	50.651528	-0.054651	51.344452	0.051593	51.656619
0.038647	43.841849	-0.043800	44.418369	0.041113	44.588164
0.031040	38.242197	-0.035080	38.602454	0.033393	39.142320
0.024879	33.458730	-0.028075	33.684563	0.026560	34.065375
0.020174	29.583828	-0.022652	29.652906	0.021545	30.111874
0.012901	22.966984	-0.014603	23.072995	0.013652	23.232931
0.011713	21.782313	-0.013215	21.807405	0.012179	21.832526
0.009144	19.037240	-0.010337	19.081125	0.009516	19.081125
0.007180	16.734163	-0.008138	16.753440	0.007467	16.772738
0.005669	14.777602	-0.006448	14.811669	0.005904	14.811669
0.004512	13.125141	-0.005148	13.155398	0.004710	13.155398
0.003623	11.711270	-0.004135	11.724760	0.003775	11.738267
0.002917	10.473792	-0.003340	10.497939	0.003038	10.510032
0.002366	9.410312	-0.002706	9.421152	0.002464	9.421152
0.001911	8.464552	-0.002207	8.484065	0.001997	8.484065
0.001554	7.640188	-0.001806	7.648988	0.001630	7.657799
0.001292	6.949638	-0.001507	6.975959	0.001346	6.975959
0.000981	6.073873	-0.001152	6.089814	0.001035	6.096828
0.000753	5.341375	-0.000898	5.359250	0.000788	5.353082
0.000591	4.752804	-0.000705	4.727200	0.000617	4.732646
0.000455	4.195415	-0.000560	4.209852	0.000485	4.193764
0.000359	3.752442	-0.000450	3.761341	0.000376	3.750627
0.000282	3.355136	-0.000357	3.335421	0.000296	3.358180
0.000222	3.009404	-0.000295	3.018267	0.000240	3.042913
0.000184	2.768196	-0.000241	2.711983	0.000186	2.707184
0.000144	2.489167	-0.000206	2.493450	0.000153	2.479740
0.000113	2.249238	-0.000171	2.253828	0.000121	2.237214
0.000080	1.961844	-0.000142	2.034010	0.000097	2.036452
0.000052	1.679871	-0.000108	1.741305	0.000063	1.712208
0.000040	1.543335	-0.000088	1.543409	0.000045	1.512668
0.000026	1.366913	-0.000075	1.399853	0.000036	1.402290
0.000012	1.169294	-0.000066	1.291153	0.000023	1.225427
0.000003	1.010080	-0.000056	1.158473	0.000017	1.134538
-0.000005	0.857979	-0.000046	1.008485	0.000011	1.035703
-0.000010	0.733105	-0.000045	0.992241	0.000008	0.982563
-0.000014	0.623382	-0.000037	0.854719	0.000005	0.926381
-0.000017	0.530190	-0.000031	0.734132	0.000005	0.926381
		-0.000027	0.633745	-0.000001	0.802299
		-0.000024	0.541792	-0.000001	0.686256
				-0.000009	0.593698
	†			-0.000012	0.512925



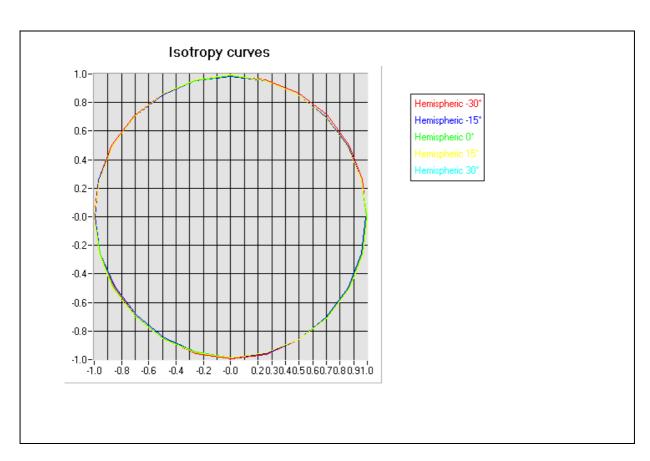
Ref: CR-280-1-08-SATB-A

Sensitivity in liquid:

Liquid	3	σ	CF dipole 1	CF dipole 2	CF dipole 3		
_			$(W.kg^{-1})$	$(W.kg^{-1})$	(W.kg ⁻¹		
			$(mV)^{-1}$	$(mV)^{-1}$	$(mV)^{-1}$		
Head	39.20	1.80	39.563	33.614	37.677		
Body	52.50	1.78	39.772	33.946	37.835		

B. Isotropy.

- Axial isotropy: 0.06 dB- Hemispherical isotropy: 0.06 dB



C. Linearity.

- Linearity:

0.13 dB