



Plot 9

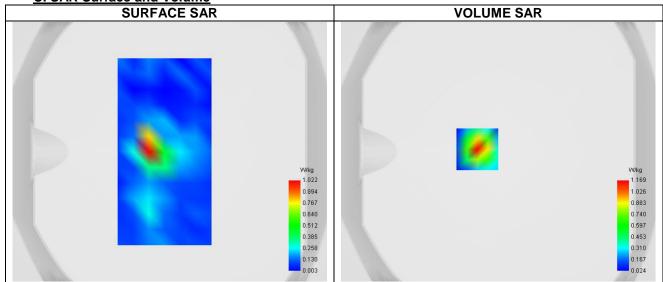
A. Experimental conditions.

| A. Experimental conditions. | |
|-------------------------------------|-------------------------|
| Probe | SN 26/23 EPGO420 |
| ConvF 1.03 | |
| Area Scan | surf_sam_plan.txt |
| Zoom Scan 5x5x7,dx=8mm dy=8mm dz=5m | |
| Phantom Validation plane | |
| Device Position | Body |
| Band LTE band 41 | |
| Channels 41140 | |
| Signal | LTE (Crest factor: 1.0) |

B. Permitivity

| Frequency (MHz) | 2645.000 | |
|---------------------------------------|----------|--|
| Relative permitivity (real part) | 40.129 | |
| Relative permitivity (imaginary part) | 13.746 | |
| Conductivity (S/m) | 1.908 | |

C. SAR Surface and Volume



Maximum location: X=-16.00, Y=2.00; SAR Peak: 2.47 W/kg

D. SAR 1g & 10g

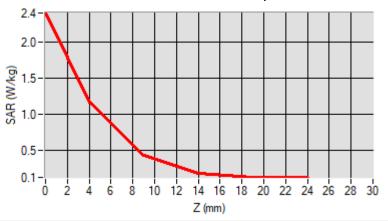
| SAR 10g (W/Kg) | 0.462 |
|---|---|
| SAR 1g (W/Kg) | 1.088 \ \ \ \ / / |
| Variation (%) | 4,700 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ |
| Horizontal validation criteria: minimum distance (mm) | 0.000000 |
| Vertical validation criteria: SAR ratio M2/M1 (%) | 0.00000 |

E. Z Axis Scan

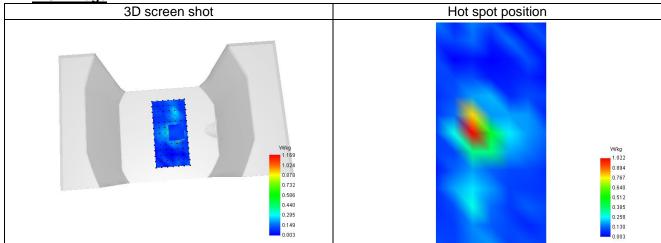
| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 |
|------------|-------|-------|-------|-------|-------|
| SAR (W/Kg) | 2.404 | 1.169 | 0.428 | 0.174 | 0.117 |

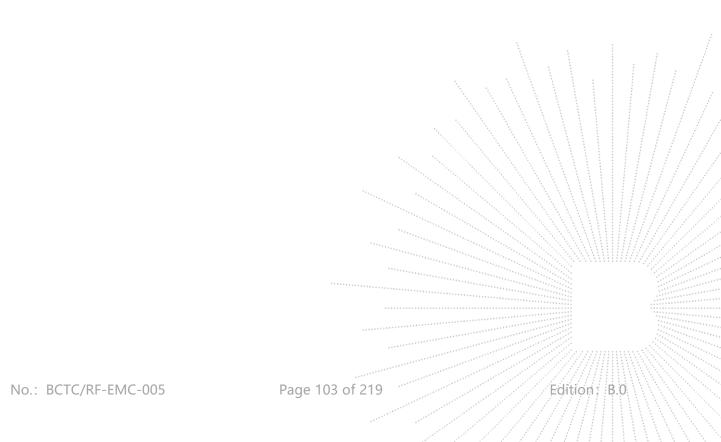
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Plot 10

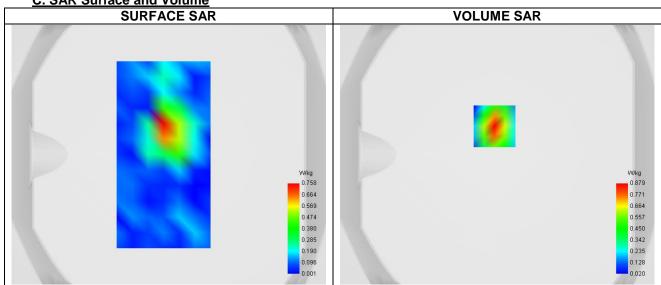
A. Experimental conditions.

| - 11 = 21 p 0 : 11 : 10 : 10 : 10 : 10 : 10 : 10 | |
|--|----------------------------|
| Probe SN 26/23 EPGO420 | |
| ConvF 0.96 | |
| Area Scan | surf_sam_plan.txt |
| Zoom Scan | 5x5x7,dx=8mm dy=8mm dz=5mm |
| Phantom Validation plane | |
| Device Position Body | |
| Band | LTE_Band_66 |
| Channels 132072 | |
| Signal | Custom (Crest factor: 1.0) |

B. Permitivity

| <u>=</u> | | |
|---------------------------------------|----------|--|
| Frequency (MHz) | 1720.000 | |
| Relative permitivity (real part) | 41.035 | |
| Relative permitivity (imaginary part) | 14.054 | |
| Conductivity (S/m) | 1.378 | |

C. SAR Surface and Volume



Maximum location: X=-2.00, Y=22.00; SAR Peak: 1.66 W/kg

D. SAR 1g & 10g

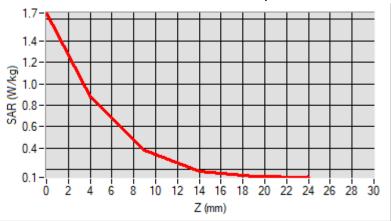
| SAR 10g (W/Kg) | 0.406 |
|---|-------------|
| SAR 1g (W/Kg) | 0.824 |
| Variation (%) | 2.610\\\\\\ |
| Horizontal validation criteria: minimum distance (mm) | 0.000000 |
| Vertical validation criteria: SAR ratio M2/M1 (%) | 0.000000 |

E. Z Axis Scan

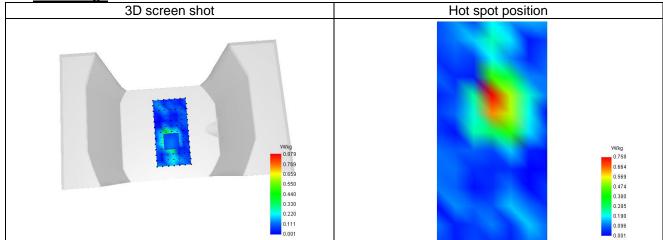
| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 |
|------------|-------|-------|-------|-------|-------|
| SAR (W/Kg) | 1.657 | 0.879 | 0.380 | 0.187 | 0.134 |

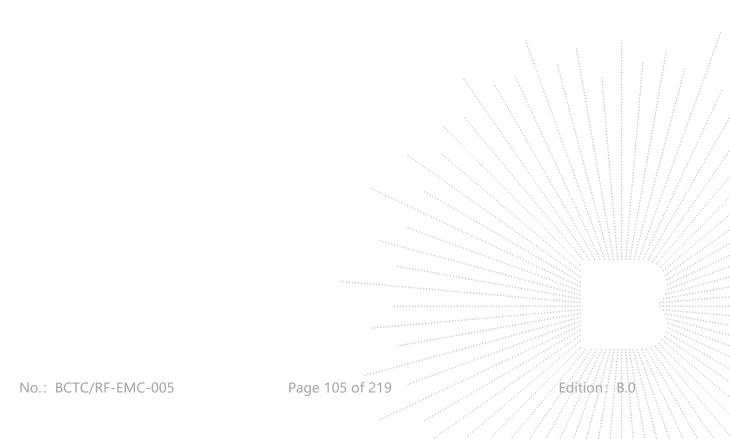
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Plot 11

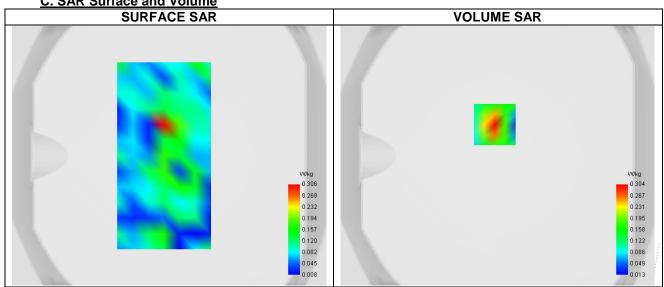
A. Experimental conditions.

| Probe | SN 26/23 EPGO420 | |
|-----------------|-------------------------------|--|
| ConvF 1.11 | | |
| Area Scan | surf_sam_plan.txt | |
| Zoom Scan | 5x5x7,dx=8mm dy=8mm dz=5mm | |
| Phantom | Validation plane | |
| Device Position | Body | |
| Band | IEEE 802.11b ISM | |
| Channels | 12 | |
| Signal | IEEE802.b (Crest factor: 1.0) | |

B. Permitivity

| Frequency (MHz) | 2462.000 | |
|---------------------------------------|----------|--|
| Relative permitivity (real part) | 37.690 | |
| Relative permitivity (imaginary part) | 13.212 | |
| Conductivity (S/m) | 1.750 | |

C. SAR Surface and Volume



Maximum location: X=-2.00, Y=24.00; SAR Peak: 0.67 W/kg

D. SAR 1g & 10g

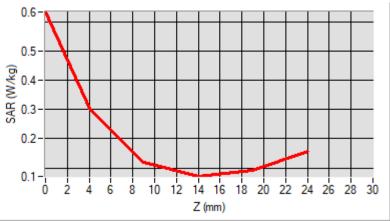
| SAR 10g (W/Kg) | 0,152 \ \ \ \ \ / |
|---|--|
| SAR 1g (W/Kg) | 0.208 |
| Variation (%) | -0.950 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ |
| Horizontal validation criteria: minimum distance (mm) | 0.000000 |
| Vertical validation criteria: SAR ratio M2/M1 (%) | 0.000000 |

E. Z Axis Scan

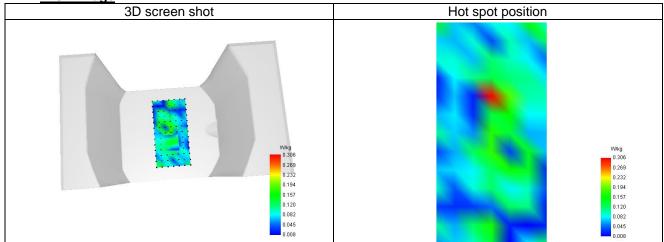
| Z (mm) | 0.00 | 4.00 | 9.00 | 14.00 | 19.00 |
|------------|-------|-------|-------|-------|-------|
| SAR (W/Kg) | 0.633 | 0.304 | 0.117 | 0.071 | 0.092 |

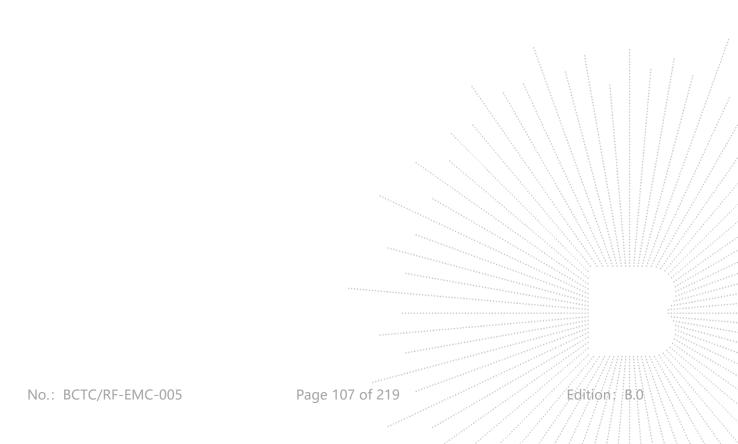
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Plot 12

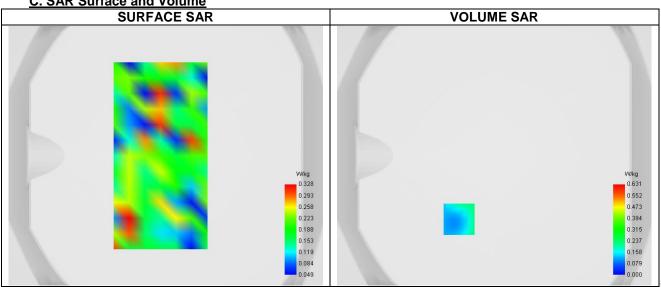
A. Experimental conditions.

| - 11 = 21 p 0 : : : : : : : : : : : : : : : : : : | |
|---|-----------------------------|
| Probe | SN 26/23 EPGO420 |
| ConvF | 1.18 |
| Area Scan | surf_sam_plan.txt |
| Zoom Scan | 7x7x12,dx=4mm dy=4mm dz=5mm |
| Phantom | Validation plane |
| Device Position | Body |
| Band | 5200 |
| Channels | Middle (1) |
| Signal | Custom (Crest factor: 1.0) |

B. Permitivity

| <u> </u> | | |
|---------------------------------------|----------|--|
| Frequency (MHz) | 5200.000 | |
| Relative permitivity (real part) | 35.871 | |
| Relative permitivity (imaginary part) | 16.130 | |
| Conductivity (S/m) | 4.890 | |

C. SAR Surface and Volume



Maximum location: X=-27.00, Y=-49.00; SAR Peak: 0.47 W/kg

D. SAR 1g & 10g

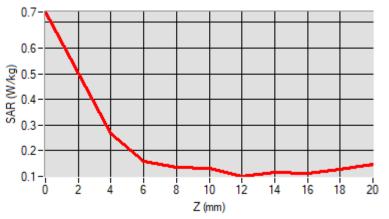
| <u> </u> | |
|---|---|
| SAR 10g (W/Kg) | 0.103\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\ |
| SAR 1g (W/Kg) | 0.199 \ \ \ \ / / |
| Variation (%) | 3.640 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ |
| Horizontal validation criteria: minimum distance (mm) | 0.000000\\\\\\ |
| Vertical validation criteria: SAR ratio M2/M1 (%) | 0.000000 |

E. Z Axis Scan

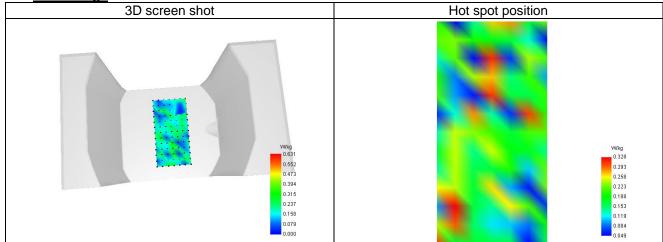
| Z (mm) | 0.00 | 4.00 | 6.00 | 8.00 | 10.00 | 12.00 | 14.00 | 16.00 | 18.00 |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| SAR (W/Kg) | 1.021 | 0.229 | 0.005 | 0.436 | 0.482 | 0.286 | 0.324 | 0.249 | 0.129 |

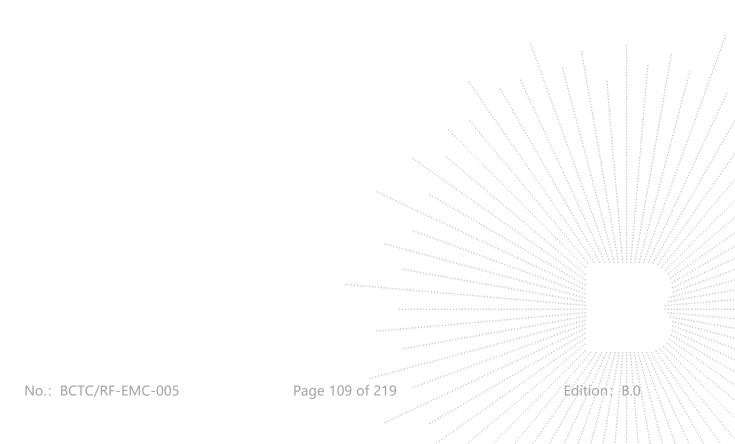
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Plot 13

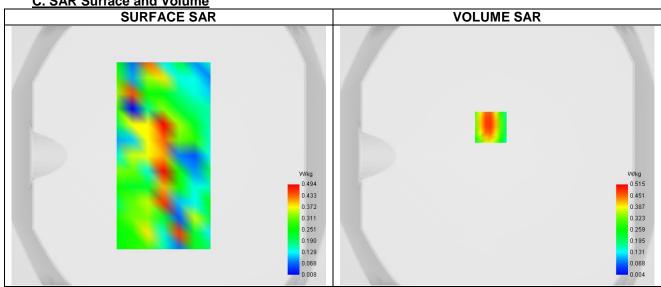
A. Experimental conditions.

| Probe | SN 26/23 EPGO420 |
|-----------------|-----------------------------|
| ConvF | 1.15 |
| Area Scan | surf_sam_plan.txt |
| Zoom Scan | 7x7x12,dx=4mm dy=4mm dz=5mm |
| Phantom | Validation plane |
| Device Position | Body |
| Band | 5800 |
| Channels | Lower (0) |
| Signal | Custom (Crest factor: 1.0) |

B. Permitivity

| <u>=</u> | | |
|---------------------------------------|----------|--|
| Frequency (MHz) | 5745.000 | |
| Relative permitivity (real part) | 36.074 | |
| Relative permitivity (imaginary part) | 16.344 | |
| Conductivity (S/m) | 5,251 | |

C. SAR Surface and Volume



Maximum location: X=-5.00, Y=22.00; SAR Peak: 0.98 W/kg

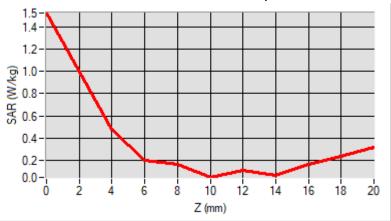
D. SAR 1g & 10g

| SAR 10g (W/Kg) | 0.156 |
|---|---|
| SAR 1g (W/Kg) | 0.218 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ |
| Variation (%) | -2.780\\\\\\\\ |
| Horizontal validation criteria: minimum distance (mm) | 0.000000 |
| Vertical validation criteria: SAR ratio M2/M1 (%) | 0.000000 |

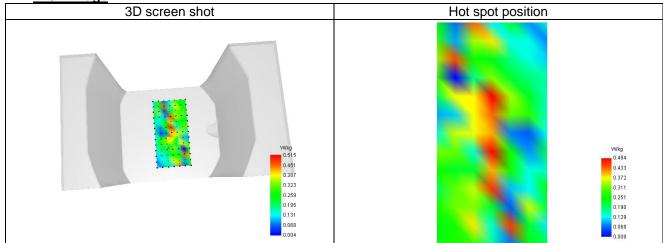
E. Z Axis Scan

| Z (mm) | 0.00 | 4.00 | 6.00 | 8.00 | 10.00 12.0 | 00 14.00 | 16.00 | 18.00 |
|------------|-------|-------|-------|-------|------------|----------|-------|-------|
| SAR (W/Kg) | 1.529 | 0.481 | 0.193 | 0.158 | 0.043 0.10 | 0.063 | 0.164 | 0.230 |







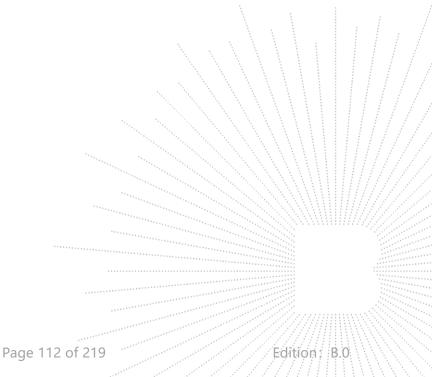






16. CALIBRATION CERTIFICATES

Probe-EPGO420 Calibration Certificate SID750Dipole Calibration Ceriticate SID8350Dipole Calibration Ceriticate SID8350Dipole Calibration Ceriticate SID1900Dipole Calibration Ceriticate SID2450Dipole Calibration Ceriticate SID2600Dipole Calibration Ceriticate SID5000Dipole Calibration Ceriticate



No.: BCTC/RF-EMC-005





COMOSAR E-Field Probe Calibration Report

Ref: ACR.199.1.23.BES.A

SHENZHEN BCTC TECHNOLOGY CO., LTD.

1~2/ F, NO. B FACTORY BUILDING, PENGZHOU INDUSTRIAL PARK, FUYUAN 1ST ROAD, TANGWEI COMMUNITY, FUHAI STREET, BAO'AN DISTRICT, SHENZHEN, GUANGDONG, CHINA MVG COMOSAR DOSIMETRIC E-FIELD PROBE

SERIAL NO.: 2623-EPGO-420

Calibrated at MVG
Z.I. de la pointe du diable
Technopôle Brest Iroise – 295 avenue Alexis de Rochon
29280 PLOUZANE - FRANCE

Calibration date: 7/18/2023



Accreditations #2-6789 Scope available on www.cofrac.fr

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Summary:

This document presents the method and results from an accredited COMOSAR Dosimetric E-Field Probe calibration performed at MVG, using the CALIPROBE test bench, for use with a MVG COMOSAR system only. The test results covered by accreditation are traceable to the International System of Units (SI).

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COMOSAR E-FIELD PROBE CALIBRATION REPORT

Ref: ACR 199.1.23.BES.A

| | Name | Function | Date | Signature |
|------------------------|---------------|-------------------------|-----------|-------------|
| Prepared by: | Cyrille ONNEE | Measurement Responsible | 7/18/2023 | 23 |
| Checked & approved by: | Jérôme Luc | Technical Manager | 7/18/2023 | JES |
| Authorized by: | Yann Toutain | Laboratory Director | 7/18/2023 | Yann TOUTAN |

Yann Signature numérique de Yann Toutain ID Date : 2023.07.18 10.38.49 +02'00'

| | Customer Name |
|----------------|----------------------------------|
| Distribution : | Shenzhen BCTC Technology Co., |
| | Ltd. |

| Issue | Name | Date | Modifications |
|-------|---------------|-----------|-----------------|
| A | Cyrille ONNEE | 7/18/2023 | Initial release |
| | | | |
| | | | |
| | † | | |
| | | | |

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COMOSAR E-FIELD PROBE CALIBRATION REPORT

Ref: ACR 199.1.23.BES.A

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COMOSAR E-FIELD PROBE CALIBRATION REPORT

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DEVICE UNDER TEST

| Device Under Test | | | |
|--|----------------------------------|--|--|
| Device Type | COMOSAR DOSIMETRIC E FIELD PROBE | | |
| Manufacturer | MVG | | |
| Model | SSE2 | | |
| Serial Number | 2623-EPGO-420 | | |
| Product Condition (new / used) | New | | |
| Frequency Range of Probe | 0.15 GHz-7.5GHz | | |
| Resistance of Three Dipoles at Connector | Dipole 1: R1=0.228 MΩ | | |
| | Dipole 2: R2=0.238 MΩ | | |
| | Dipole 3: R3=0.230 MΩ | | |

2 PRODUCT DESCRIPTION

2.1 GENERAL INFORMATION

MVG's COMOSAR E field Probes are built in accordance to the IEC/IEEE 62209-1528 and FCC KDB865664 D01 standards.



Figure 1 – MVG COMOSAR Dosimetric E field Probe

| Probe Length | 330 mm |
|--|---------|
| Length of Individual Dipoles | 24.5 mm |
| Maximum external diameter | 8 mm |
| Probe Tip External Diameter | 2.55 mm |
| Distance between dipoles / probe extremity | 12.7 mm |

3 MEASUREMENT METHOD

The IEC/IEEE 62209-1528 and FCC KDB865664 D01 standards provide recommended practices for the probe calibrations, including the performance characteristics of interest and methods by which to assess their effect. All calibrations / measurements performed meet the fore-mentioned standards.

The sensitivity factors of the three dipoles were determined using a two step calibration method (air and tissue simulating liquid) using waveguides as outlined in the standards for frequency range 600-7500MHz and using the calorimeter cell method (transfer method) as outlined in the standards for frequency 150-450 MHz.

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3.2 LINEARITY

The evaluation of the linearity was done in free space using the waveguide, performing a power sweep to cover the SAR range 0.01 W/kg to 100 W/kg.

3.3 ISOTROPY

The axial isotropy was evaluated by exposing the probe to a reference wave from a standard dipole with the dipole mounted under the flat phantom in the test configuration suggested for system validations and checks. The probe was rotated along its main axis from 0 to 360 degrees in 15-degree steps. The hemispherical isotropy is determined by inserting the probe in a thin plastic box filled with tissue-equivalent liquid, with the plastic box illuminated with the fields from a half wave dipole. The dipole is rotated about its axis $(0^{\circ}-180^{\circ})$ in 15° increments. At each step the probe is rotated about its axis $(0^{\circ}-360^{\circ})$.

3.4 BOUNDARY EFFECT

The boundary effect is defined as the deviation between the SAR measured data and the expected exponential decay in the liquid when the probe is oriented normal to the interface. To evaluate this effect, the liquid filled flat phantom is exposed to fields from either a reference dipole or waveguide. With the probe normal to the phantom surface, the peak spatial average SAR is measured and compared to the analytical value at the surface.

The boundary effect uncertainty can be estimated according to the following uncertainty approximation formula based on linear and exponential extrapolations between the surface and $d_{\rm be}$ + $d_{\rm steo}$ along lines that are approximately normal to the surface:

$$\mathrm{SAR}_{\mathrm{uncertainty}} \big[\% \, \big] = \delta \mathrm{SAR}_{\mathrm{be}} \, \frac{ \left(d_{\mathrm{be}} + d_{\mathrm{step}} \right)^2}{2 d_{\mathrm{step}}} \, \frac{ \left(e^{-d_{\mathrm{be}} / (\delta \rho)} \right)}{\delta / 2} \quad \mathrm{for} \, \left(d_{\mathrm{be}} + d_{\mathrm{step}} \right) < 10 \; \mathrm{mm}$$

where

SAR_{uncertainty} is the uncertainty in percent of the probe boundary effect

 $d_{\mbox{\scriptsize be}}$ is the distance between the surface and the closest $\emph{zoom-scan}$ measurement

point, in millimetre

 $\Delta_{\mbox{step}}$ is the separation distance between the first and second measurement points that

are closest to the phantom surface, in millimetre, assuming the boundary effect

at the second location is negligible

 δ is the minimum penetration depth in millimetres of the head tissue-equivalent

liquids defined in this standard, i.e., $\delta \approx$ 14 mm at 3 GHz;

△SAR_{be} in percent of SAR is the deviation between the measured SAR value, at the

distance d_{be} from the boundary, and the analytical SAR value.

The measured worst case boundary effect SARuncertainty[%] for scanning distances larger than 4mm is 1.0% Limit, 2%).

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COMOSAR E-FIELD PROBE CALIBRATION REPORT

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4 MEASUREMENT UNCERTAINTY

The guidelines outlined in the IEC/IEEE 62209-1528 and FCC KDB865664 D01 standards were followed to generate the measurement uncertainty associated with a SAR probe calibration using the waveguide or calorimetric cell technique depending on the frequency.

The estimated expanded uncertainty (k=2) in calibration for SAR (W/kg) is +/-11% for the frequency range 150-450MHz.

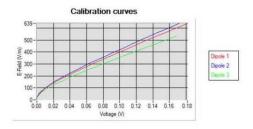
The estimated expanded uncertainty (k=2) in calibration for SAR (W/kg) is \pm 14% for the frequency range 600-7500MHz.

5 CALIBRATION RESULTS

| Ambient condition | | |
|--------------------|-------------|--|
| Liquid Temperature | 20 +/- 1 °C | |
| Lab Temperature | 20 +/- 1 °C | |
| Lab Humidity | 30-70 % | |

5.1 CALIBRATION IN AIR

The following curve represents the measurement in waveguide of the voltage picked up by the probe toward the E-field generated inside the waveguide.



From this curve, the sensitivity in air is calculated using the below formula.

$$E^{2} = \sum_{i=1}^{3} \frac{V_{i} \left(1 + \frac{V_{i}}{DCP_{i}}\right)}{Norm_{i}}$$

where

Vi=voltage readings on the 3 channels of the probe

DCPi=diode compression point given below for the 3 channels of the probe

Normi=dipole sensitivity given below for the 3 channels of the probe

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| | Normy dipole $2 (\mu V/(V/m)^2)$ | |
|------|----------------------------------|------|
| 1.21 | 1.09 | 1.56 |

| DCP dipole 1 | DCP dipole 2 | DCP dipole 3 |
|--------------|--------------|--------------|
| (mV) | (mV) | (mV) |
| 106 | 109 | 103 |

5.2 CALIBRATION IN LIQUID

The calorimeter cell or the waveguide is used to determine the calibration in liquid using the formula below.

$$ConvF = \frac{E_{liquid}^2}{E_{air}^2}$$

The E-field in the liquid is determined from the SAR measurement according to the below formula.

$$E_{liquid}^2 = \frac{\rho SAR}{\sigma}$$

where

 σ =the conductivity of the liquid

ρ=the volumetric density of the liquid

SAR=the SAR measured from the formula that depends on the setup used. The SAR formulas are given below

For the calorimeter cell (150-450 MHz), the formula is:

$$SAR = c \frac{dT}{dt}$$

where

c=the specific heat for the liquid

dT/dt=the temperature rises over the time

For the waveguide setup (600-75000 MHz), the formula is:

$$SAR = \frac{4PW}{ab\delta}e^{\frac{-2Z}{\delta}}$$

where

a=the larger cross-sectional of the waveguide b=the smaller cross-sectional of the waveguide δ=the skin depth for the liquid in the waveguide Pw=the power delivered to the liquid

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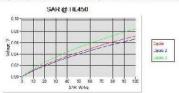


COMOSAR E-FIELD PROBE CALIBRATION REPORT

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The below table summarize the ConvF for the calibrated liquid. The curves give examples for the measured SAR depending on the voltage in some liquid.

| <u>Liquid</u> | Frequency (MHz*) | ConvF |
|---------------|---------------------|-------|
| HL450 | 450 | 0.86 |
| BL450 | 450 | 0.78 |
| HL750 | 750 | 0.80 |
| BL750 | 750 | 0.87 |
| HL850 | 835 | 0.81 |
| BL850 | 835 | 0.80 |
| HL900 | 900 | 0.76 |
| BL900 | 900 | 0.87 |
| HL1800 | 1800 | 0.96 |
| BL1800 | 1800 | 1.01 |
| HL1900 | 1900 | 1.04 |
| BL1900 | 1900 | 1.11 |
| HL2100 | 2100 | 1.00 |
| BL2100 | 2100 | 1.16 |
| HL2300 | 2300 | 1.11 |
| BL2300 | 2300 | 1.23 |
| HL2450 | 2450 | 1.11 |
| BL2450 | 2450 | 1.32 |
| HL2600 | 2600 | 1.03 |
| BL2600 | 2600 | 1.19 |
| HL5200 | 5200 | 1.18 |
| BL5200 | 5200 | 0.97 |
| HL5400 | 5400 | 1.17 |
| BL5400 | 5400 | 1.00 |
| HL5600 | 5600 | 1.20 |
| BL5600 | 5600 | 0.95 |
| HL5800 | 5800 | 1.15 |
| BL5800 | 5800 | 1.05 |





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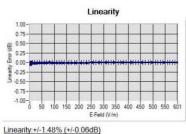


COMOSAR E-FIELD PROBE CALIBRATION REPORT

Ref: ACR 199.1.23.BES.A

VERIFICATION RESULTS

The figures below represent the measured linearity and axial isotropy for this probe. The probe specification is +/-0.2 dB for linearity and +/-0.15 dB for axial isotropy.



Isotropy:1/-0.25% (1/-0.01dB)

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COMOSAR E-FIELD PROBE CALIBRATION REPORT

Ref: ACR 199.1.23.BES.A

7 LIST OF EQUIPMENT

| | _40, | pment Summary S | | |
|---------------------------------------|----------------------------|---------------------------|---|--|
| Equipment Description | Manufacturer / Model | Identification No. | Current Calibration Date | Next Calibration Date |
| CALIPROBE Test Bench | Version 2 | NA | Validated. No cal required. | Validated. No ca required. |
| Network Analyzer | Rohde & Schwarz ZVM | 100203 | 08/2021 | 08/2024 |
| Network Analyzer | Agilent 8753ES | MY40003210 | 10/2019 | 10/2023 |
| Network Analyzer – Calibration kit | HP 85033D | 3423A08186 | 06/2021 | 06/2027 |
| Network Analyzer – Calibration kit | Rohde & Schwarz ZV-Z235 | 101223 | 07/2022 | 07/2025 |
| Multimeter | Keithley 2000 | 4013982 | 02/2023 | 02/2026 |
| Signal Generator | Rohde & Schwarz SMB | 106589 | 03/2022 | 03/2025 |
| Amplifier | MVG | MODU-023-C-0002 | Characterized prior to test. No cal required. | Characterized prior to test. No cal required |
| Power Meter | NI-USB 5680 | 170100013 | 06/2021 | 06/2024 |
| Power Meter | Keysight U2000A | SN: MY62340002 | 10/2022 | 10/2025 |
| Directional Coupler | Krytar 158020 | 131467 | Characterized prior to test. No cal required. | Characterized prior to test. No cal required |
| Fluoroptic Thermometer | LumaSense Luxtron 812 | 94264 | 09/2022 | 09/2025 |
| Coaxial cell | MVG | SN 32/16 COAXCELL_1 | Validated. No cal required. | Validated. No cal required. |
| Waveguide | MVG | SN 32/16 WG2_1 | Validated. No cal required. | Validated. No cal required. |
| Liquid transition | MVG | SN 32/16 WGLIQ_0G600_1 | Validated. No cal required. | Validated. No cal required. |
| Wa∨eguide | MVG | SN 32/16 WG4_1 | Validated. No cal required. | Validated. No cal required. |
| Liquid transition | MVG | SN 32/16 WGLIQ_0G900_1 | Validated. No cal required. | Validated. No cal required. |
| Wa∨eguide | MVG | SN 32/16 WG6_1 | Validated. No cal required. | Validated. No cal required. |
| Liquid transition | MVG | SN 32/16 WGLIQ_1G500_1 | Validated. No cal required. | Validated. No cal required. |
| Waveguide | MVG | SN 32/16 WG8_1 | Validated. No cal required. | Validated. No cal required. |

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COMOSAR E-FIELD PROBE CALIBRATION REPORT

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| Liquid transition | MVG | SN 32/16 WGLIQ_1G800B_1 | Validated. No cal required. | Validated. No cal required. |
|---------------------------------|--------------|----------------------------|-----------------------------|-----------------------------|
| Liquid transition | MVG | SN 32/16 WGLIQ_1G800H_1 | Validated. No cal required. | Validated. No cal required. |
| Wa∨eguide | MVG | SN 32/16 WG10_1 | Validated. No cal required. | Validated. No cal required. |
| Liquid transition | MVG | SN 32/16 WGLIQ_3G500_1 | Validated. No cal required. | Validated. No cal required. |
| Wa∨eguide | MVG | SN 32/16 WG12_1 | Validated. No cal required. | Validated. No cal required. |
| Liquid transition | MVG | SN 32/16 WGLIQ_5G000_1 | Validated. No cal required. | Validated. No cal required. |
| Wa∨eguide | MVG | SN 32/16 WG14_1 | Validated. No cal required. | Validated. No cal required. |
| Liquid transition | MVG | SN 32/16 WGLIQ_7G000_1 | Validated. No cal required. | Validated. No cal required. |
| emperature / Humidity Sensor | Testo 184 H1 | 44225320 | 06/2021 | 06/2024 |

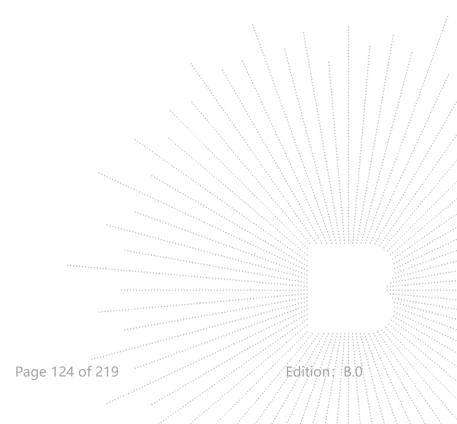
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SAR Reference Dipole Calibration Report

Ref: ACR.329.8.21.BES.A

SHENZHEN BCTC TECHNOLOGY CO., LTD.

1~2/ F, NO. B FACTORY BUILDING, PENGZHOU INDUSTRIAL PARK, FUYUAN 1ST ROAD, TANGWEI COMMUNITY, FUHAI STREET, BAO'AN DISTRICT, SHENZHEN, GUANGDONG, CHINA MVG COMOSAR REFERENCE DIPOLE

FREQUENCY: 750 MHZ

SERIAL NO.: SN 47/21 DIP 0G750-620

Calibrated at MVG
Z.I. de la pointe du diable
Technopôle Brest Iroise – 295 avenue Alexis de Rochon
29280 PLOUZANE - FRANCE

Calibration date: 11/25/2021



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Summary:

This document presents the method and results from an accredited SAR reference dipole calibration performed in MVG using the COMOSAR test bench. All calibration results are traceable to national metrology institutions.

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