

Test Laboratory: BTL Inc.

Date: 2018/9/6

**T100\_GSM 850\_GPRS 2TX\_CH190\_Rear Face\_0cm\_Sensor on**

**DUT: ASG2-L03;**

Communication System: UID 0, GPRS 2TX (0); Frequency: 836.6 MHz; Duty Cycle: 1:4  
Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.993$  S/m;  $\epsilon_r = 55.268$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.3 °C; Liquid Temperature: 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(9.89, 9.89, 9.89); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (8x11x1):** Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.353 W/kg

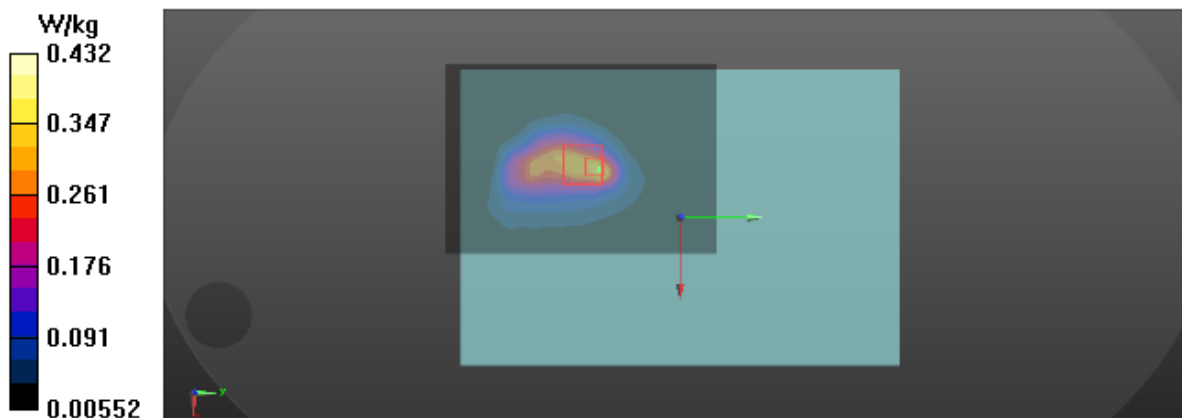
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.750 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.03 W/kg

**SAR(1 g) = 0.367 W/kg; SAR(10 g) = 0.173 W/kg**

Maximum value of SAR (measured) = 0.432 W/kg



Test Laboratory: BTL Inc.

Date: 2018/9/6

**T105\_GSM 850\_GPRS 2TX\_CH190\_Right Side\_0cm\_Sensor off**

**DUT: AGS2-L03;**

Communication System: UID 0, GPRS 2TX (0); Frequency: 836.6 MHz; Duty Cycle: 1:4  
Medium parameters used:  $f = 837$  MHz;  $\sigma = 0.993$  S/m;  $\epsilon_r = 55.268$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.3 °C; Liquid Temperature: 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(9.89, 9.89, 9.89); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (7x11x1):** Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.216 W/kg

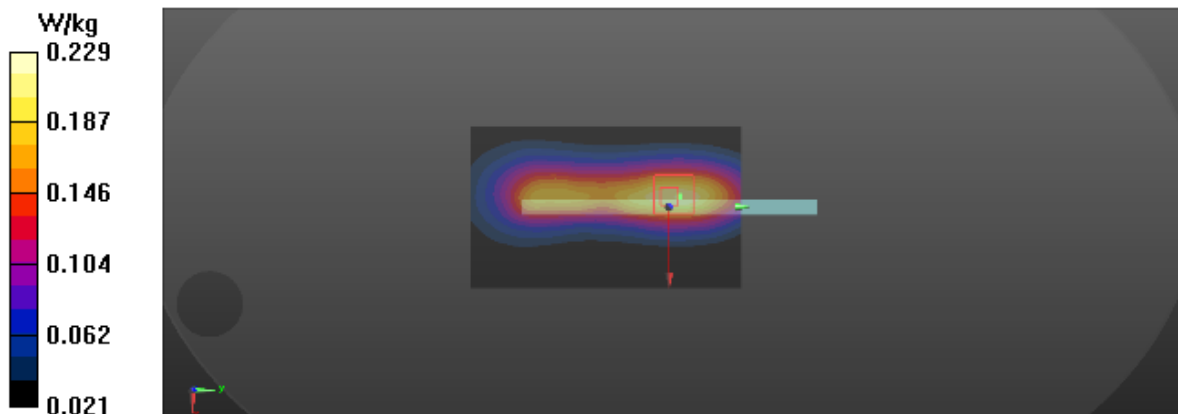
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.81 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.326 W/kg

**SAR(1 g) = 0.205 W/kg; SAR(10 g) = 0.130 W/kg**

Maximum value of SAR (measured) = 0.229 W/kg



Test Laboratory: BTL Inc.

Date: 2018/9/7

**T109\_GSM 1900\_GPRS 2TX\_CH661\_Rear Face\_0cm\_Sensor on**

**DUT: AGS2-L03;**

Communication System: UID 0, GPRS 2TX (0); Frequency: 1880 MHz; Duty Cycle: 1:4

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.528$  S/m;  $\epsilon_r = 53.648$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.4 °C; Liquid Temperature: 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(7.96, 7.96, 7.96); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (8x11x1):** Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.327 W/kg

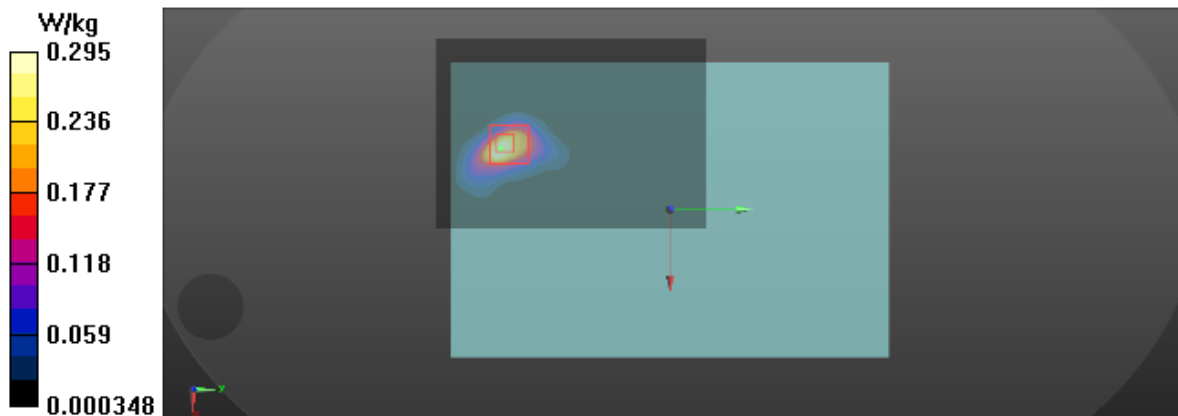
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.574 W/kg

**SAR(1 g) = 0.251 W/kg; SAR(10 g) = 0.110 W/kg**

Maximum value of SAR (measured) = 0.295 W/kg



Test Laboratory: BTL Inc.

Date: 2018/9/9

**T113\_GSM 1900\_GPRS 2TX\_CH661\_Right Side\_0cm\_Sensor off**

**DUT: AGS2-L03;**

Communication System: UID 0, GPRS 2TX (0); Frequency: 1880 MHz; Duty Cycle: 1:4

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.528$  S/m;  $\epsilon_r = 53.648$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.4 °C; Liquid Temperature: 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(7.96, 7.96, 7.96); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (6x11x1):** Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.309 W/kg

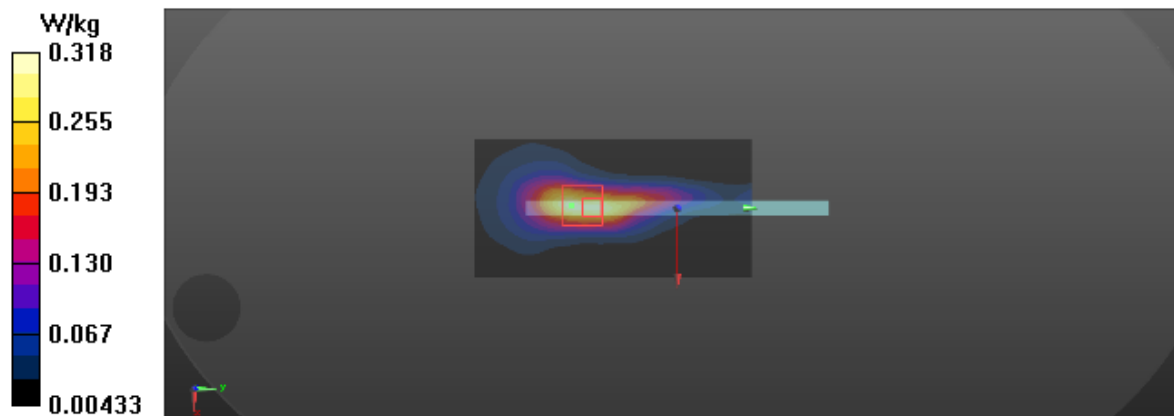
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.444 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.499 W/kg

**SAR(1 g) = 0.279 W/kg; SAR(10 g) = 0.149 W/kg**

Maximum value of SAR (measured) = 0.318 W/kg



Test Laboratory: BTL Inc.

Date: 2018/9/7

**T116\_UMTS B2\_RMC12.2K\_CH9400\_Rear Face\_0cm\_Sensor on**

**DUT: AGS2-L03;**

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.528$  S/m;  $\epsilon_r = 53.648$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.4 °C; Liquid Temperature: 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(7.96, 7.96, 7.96); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (8x11x1):** Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.279 W/kg

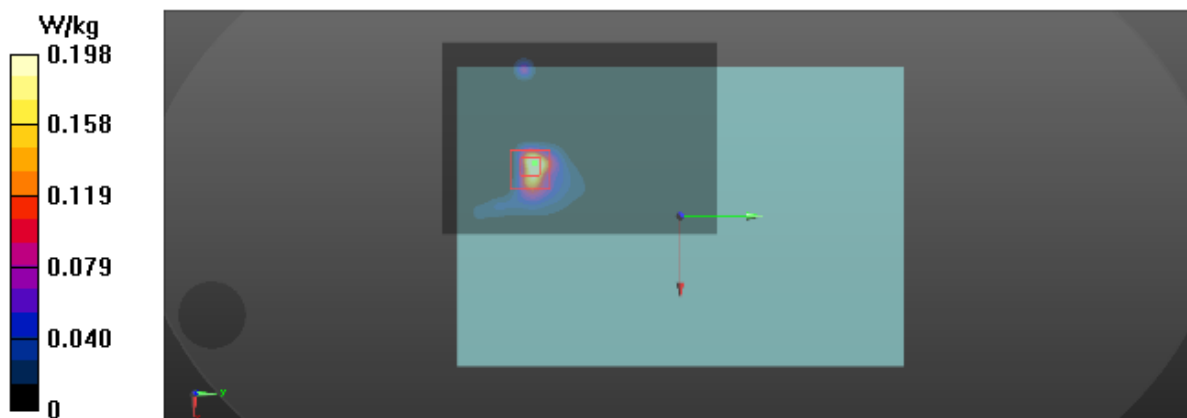
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.310 W/kg

**SAR(1 g) = 0.155 W/kg; SAR(10 g) = 0.066 W/kg**

Maximum value of SAR (measured) = 0.198 W/kg



Test Laboratory: BTL Inc.

Date: 2018/9/7

**T120\_UMTS B2\_RMC12.2K\_CH9400\_Right Side\_0cm\_Sensor off**

**DUT: AGS2-L03;**

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.528$  S/m;  $\epsilon_r = 53.648$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.4 °C; Liquid Temperature: 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(7.96, 7.96, 7.96); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (6x11x1):** Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.393 W/kg

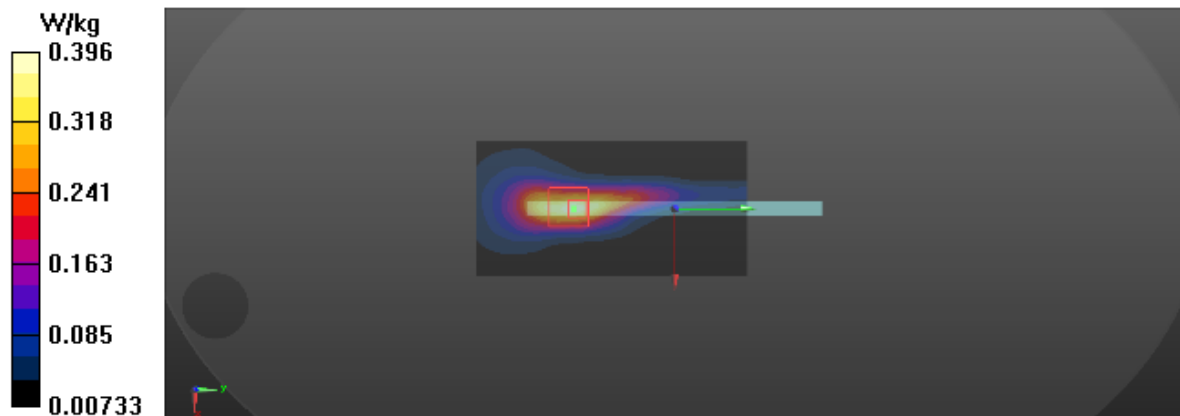
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.152 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.620 W/kg

**SAR(1 g) = 0.344 W/kg; SAR(10 g) = 0.183 W/kg**

Maximum value of SAR (measured) = 0.396 W/kg



Test Laboratory: BTL Inc.

Date: 2018/9/7

**T123\_UMTS B4\_RMC12.2K\_CH1413\_Rear Face\_0cm\_Sensor on**

**DUT: AGS2-L03;**

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.479$  S/m;  $\epsilon_r = 52.58$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(8.2, 8.2, 8.2); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (8x11x1):** Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.364 W/kg

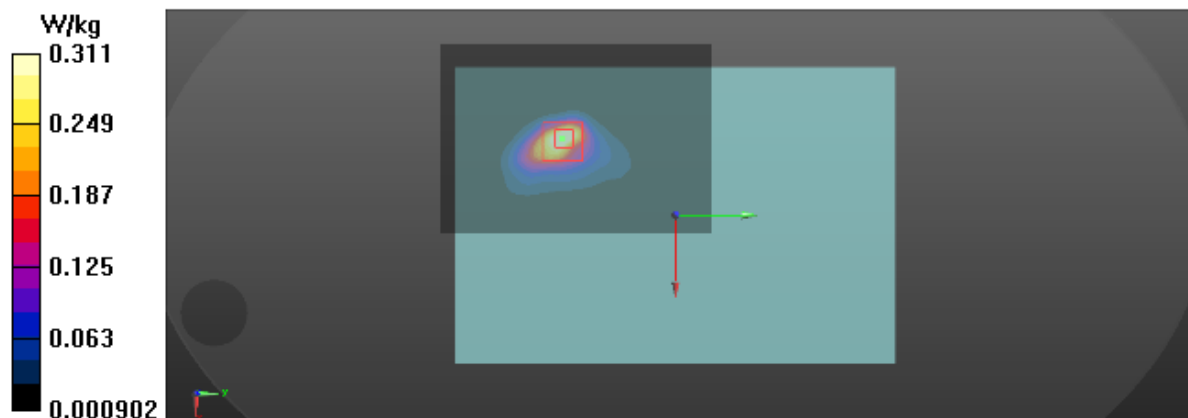
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.627 W/kg

**SAR(1 g) = 0.273 W/kg; SAR(10 g) = 0.123 W/kg**

Maximum value of SAR (measured) = 0.311 W/kg



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T127\_UMTS B4\_RMC12.2K\_CH1413\_Right Side\_0cm\_Sensor off

DUT: AGS2-L03;

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.479$  S/m;  $\epsilon_r = 52.58$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(8.2, 8.2, 8.2); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (7x11x1):** Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.434 W/kg

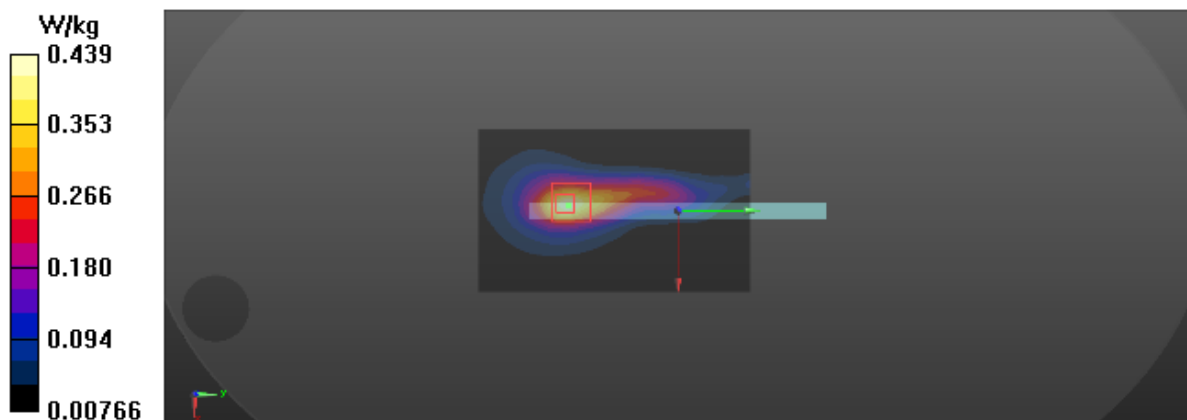
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.225 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.689 W/kg

**SAR(1 g) = 0.379 W/kg; SAR(10 g) = 0.201 W/kg**

Maximum value of SAR (measured) = 0.439 W/kg





Test Laboratory: BTL Inc.

Date: 2018/9/6

**T130\_UMTS B5\_RMC12.2K\_CH4182\_Rear Face\_0cm\_Sensor on**

**DUT: AGS2-L03;**

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.993$  S/m;  $\epsilon_r = 55.273$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(9.89, 9.89, 9.89); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (8x11x1):** Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.148 W/kg

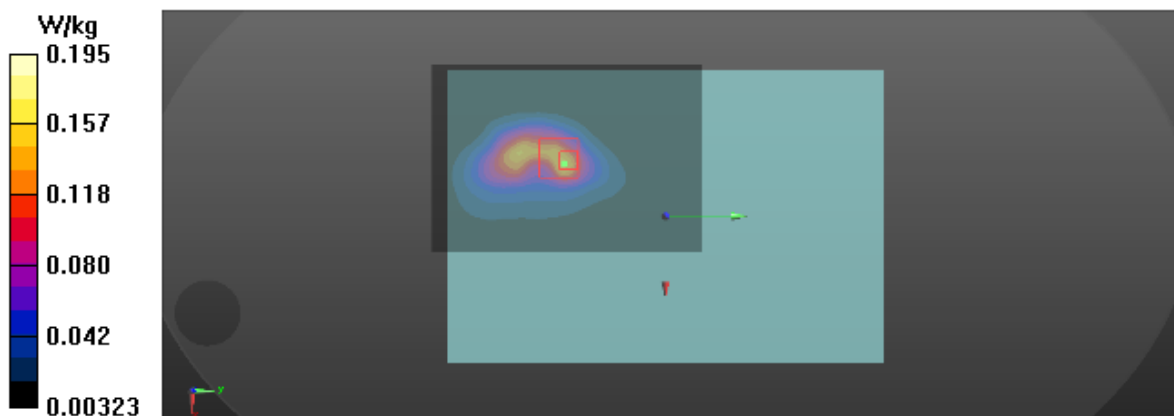
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.544 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.466 W/kg

**SAR(1 g) = 0.167 W/kg; SAR(10 g) = 0.075 W/kg**

Maximum value of SAR (measured) = 0.195 W/kg



Test Laboratory: BTL Inc.

Date: 2018/9/6

**T134\_UMTS B5\_RMC12.2K\_CH4182\_Right Side\_0cm\_Sensor off**

**DUT: AGS2-L03;**

Communication System: UID 0, UMTS-FDD(WCDMA) (0); Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.993$  S/m;  $\epsilon_r = 55.273$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(9.89, 9.89, 9.89); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (6x11x1):** Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.183 W/kg

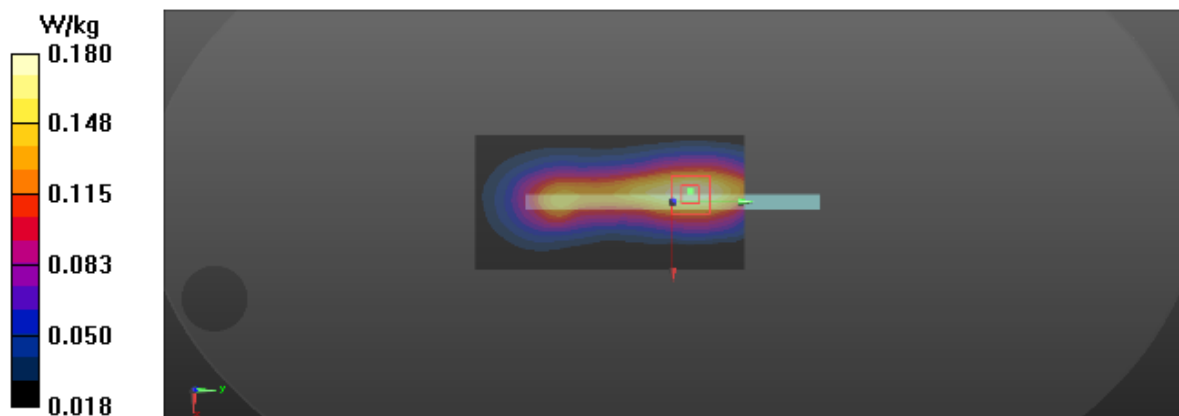
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.97 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.249 W/kg

**SAR(1 g) = 0.166 W/kg; SAR(10 g) = 0.108 W/kg**

Maximum value of SAR (measured) = 0.180 W/kg



Test Laboratory: BTL Inc.

Date: 2018/9/7

**T01\_LTE B2\_QPSK20M\_CH19100\_1RB\_Rear Face\_0cm\_Sensor on**

**DUT: AGS2-L03;**

Communication System: UID 0, LTE-FDD(1RB, 20MHz, QPSK) (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1900$  MHz;  $\sigma = 1.554$  S/m;  $\epsilon_r = 53.592$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.4 °C; Liquid Temperature: 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(7.96, 7.96, 7.96); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (8x11x1):** Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.420 W/kg

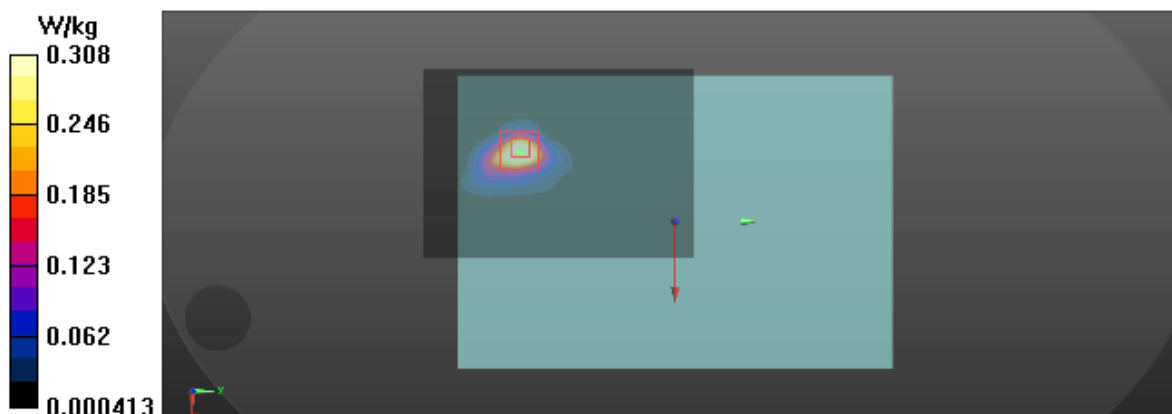
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.213 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.601 W/kg

**SAR(1 g) = 0.276 W/kg; SAR(10 g) = 0.115 W/kg**

Maximum value of SAR (measured) = 0.308 W/kg



Test Laboratory: BTL Inc.

Date: 2018/9/7

**T07\_LTE B2\_QPSK20M\_CH18700\_1RB\_Right Side\_0cm\_Sensor off**

**DUT: AGS2-L03;**

Communication System: UID 0, LTE-FDD(1RB, 20MHz, QPSK) (0); Frequency: 1860 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.503$  S/m;  $\epsilon_r = 53.719$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.4 °C; Liquid Temperature: 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(7.96, 7.96, 7.96); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (6x11x1):** Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.458 W/kg

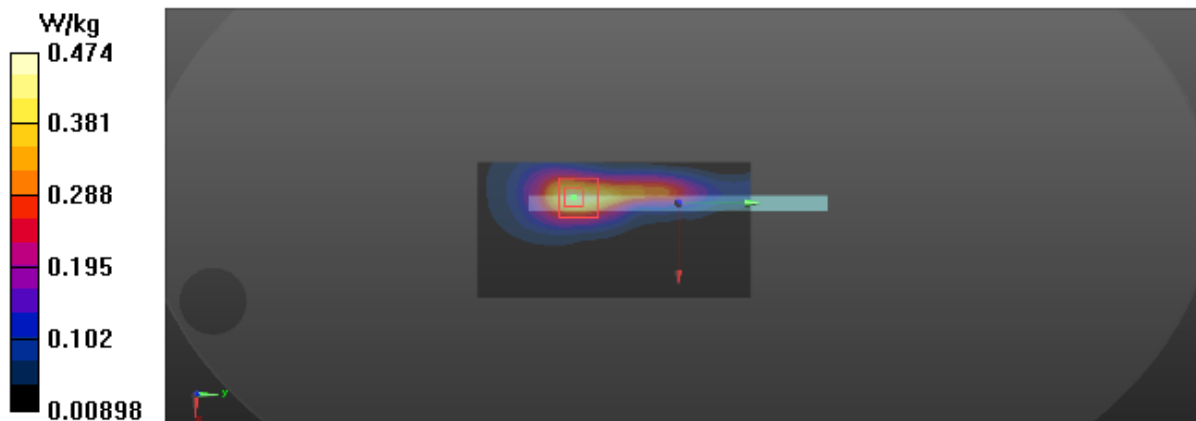
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.92 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.721 W/kg

**SAR(1 g) = 0.416 W/kg; SAR(10 g) = 0.227 W/kg**

Maximum value of SAR (measured) = 0.474 W/kg



Test Laboratory: BTL Inc.

Date: 2018/9/7

**T13\_LTE B4\_QPSK20M\_CH20050\_1RB\_Rear Face\_0cm\_Sensor on**

**DUT: AGS2-L03;**

Communication System: UID 0, LTE-FDD(1RB, 20MHz, QPSK) (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1720$  MHz;  $\sigma = 1.469$  S/m;  $\epsilon_r = 52.661$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(8.2, 8.2, 8.2); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (8x11x1):** Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.299 W/kg

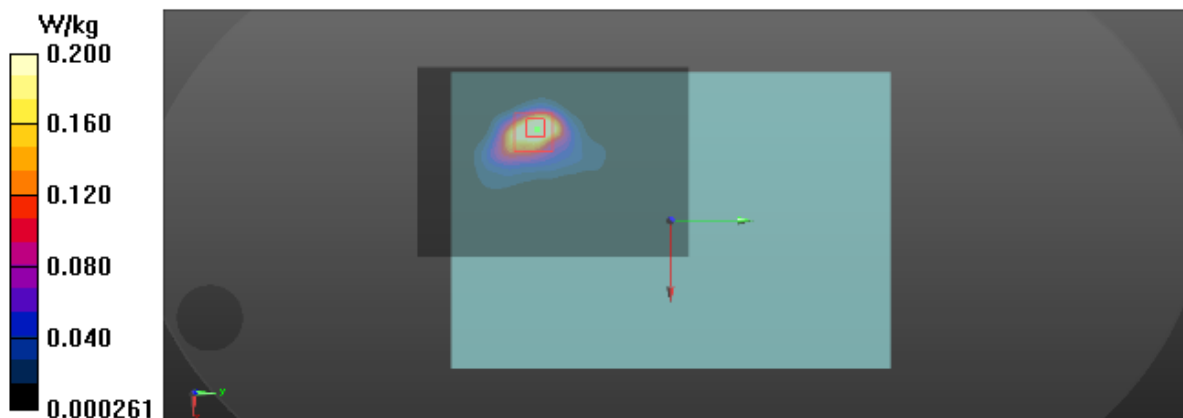
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.436 W/kg

**SAR(1 g) = 0.184 W/kg; SAR(10 g) = 0.084 W/kg**

Maximum value of SAR (measured) = 0.200 W/kg



Test Laboratory: BTL Inc.

Date: 2018/9/7

**T22\_LTE B4\_QPSK20M\_CH20300\_50RB\_Right Side\_0cm\_Sensor off**

**DUT: AGS2-L03;**

Communication System: UID 0, LTE-FDD(50%RB, 20MHz, QPSK) (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 1745$  MHz;  $\sigma = 1.492$  S/m;  $\epsilon_r = 52.513$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.3 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(8.2, 8.2, 8.2); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (7x13x1):** Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.392 W/kg

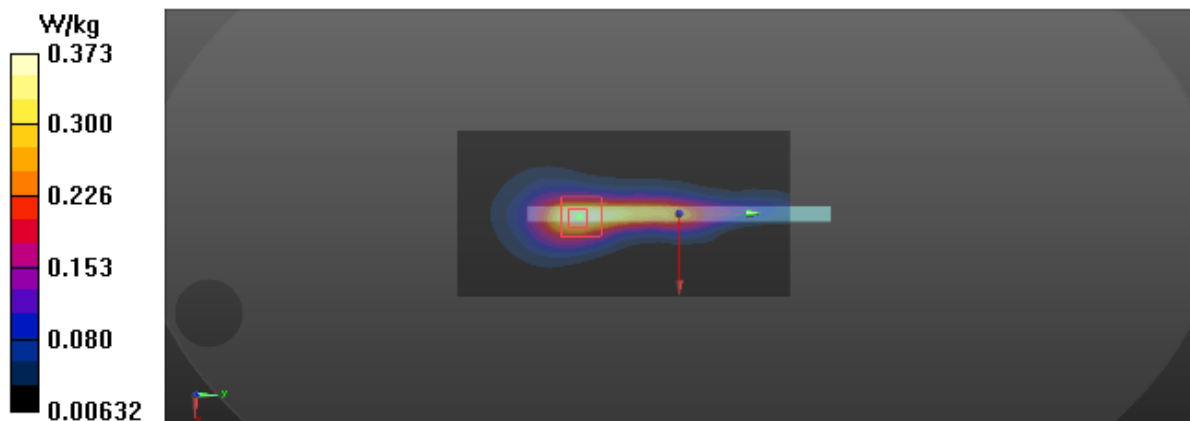
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.69 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.584 W/kg

**SAR(1 g) = 0.332 W/kg; SAR(10 g) = 0.178 W/kg**

Maximum value of SAR (measured) = 0.373 W/kg



Test Laboratory: BTL Inc.

Date: 2018/9/6

**T25\_LTE B5\_QPSK10M\_CH20600\_1RB\_Rear Face\_0cm\_Sensor on**

**DUT: AGS2-L03;**

Communication System: UID 0, LTE-FDD(1RB, 10MHz, QPSK) (0); Frequency: 844 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 844$  MHz;  $\sigma = 1$  S/m;  $\epsilon_r = 55.189$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(9.89, 9.89, 9.89); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (9x11x1):** Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.167 W/kg

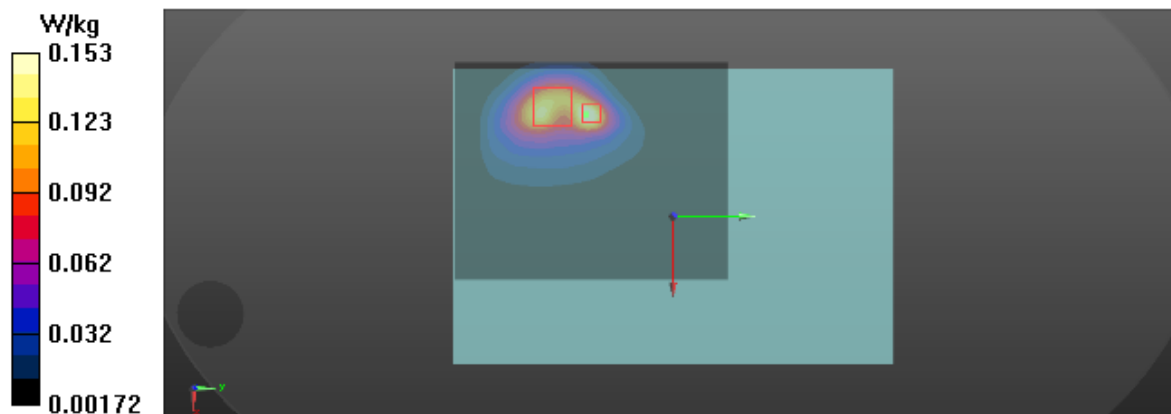
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.7210 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.321 W/kg

**SAR(1 g) = 0.133 W/kg; SAR(10 g) = 0.069 W/kg**

Maximum value of SAR (measured) = 0.153 W/kg



Test Laboratory: BTL Inc.

Date: 2018/9/6

**T34\_LTE B5\_QPSK10M\_CH20525\_25RB\_Right Side\_0cm\_Sensor off**

**DUT: AGS2-L03;**

Communication System: UID 0, LTE-FDD(50% RB, 10MHz, QPSK) (0); Frequency: 836.5 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.993$  S/m;  $\epsilon_r = 55.272$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature: 23.3 °C; Liquid Temperature: 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(9.89, 9.89, 9.89); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (7x13x1):** Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.218 W/kg

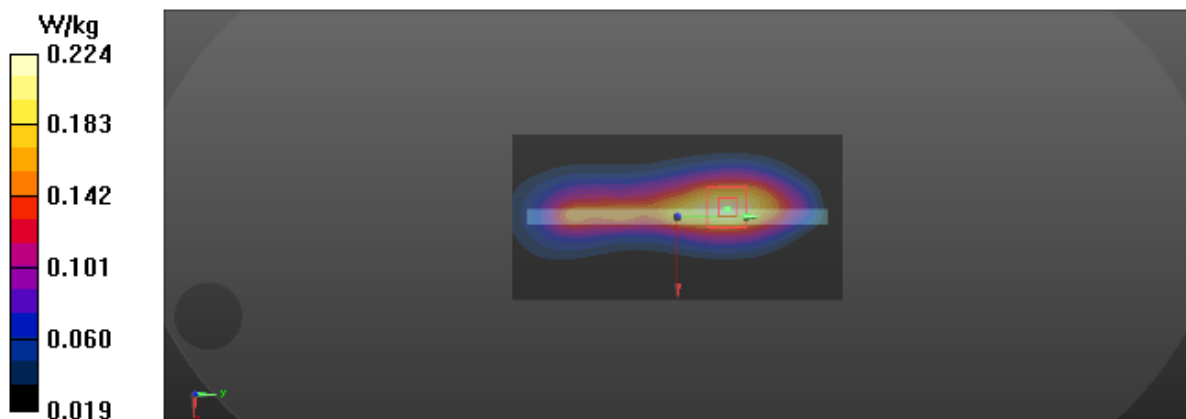
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.98 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.315 W/kg

**SAR(1 g) = 0.203 W/kg; SAR(10 g) = 0.129 W/kg**

Maximum value of SAR (measured) = 0.224 W/kg





Test Laboratory: BTL Inc.

Date: 2018/9/6

**T37\_LTE B7\_QPSK20M\_CH21100\_1RB\_Rear Face\_0cm\_Sensor on**

**DUT: AGS2-L03;**

Communication System: UID 0, LTE-FDD(1RB, 20MHz, QPSK) (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2535$  MHz;  $\sigma = 2.118$  S/m;  $\epsilon_r = 52.488$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (10x13x1):** Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.484 W/kg

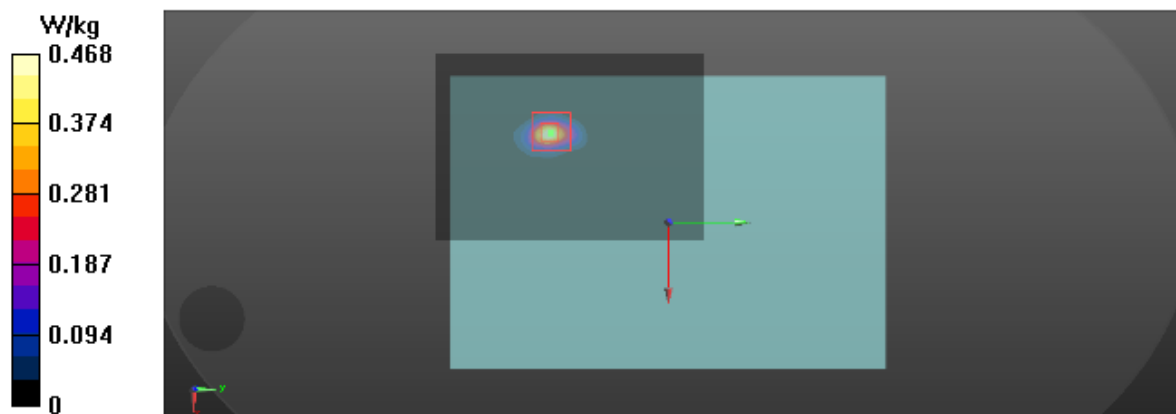
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.821 W/kg

**SAR(1 g) = 0.332 W/kg; SAR(10 g) = 0.109 W/kg**

Maximum value of SAR (measured) = 0.468 W/kg



Test Laboratory: BTL Inc.

Date: 2018/9/6

**T43\_LTE B7\_QPSK20M\_CH21100\_1RB\_Right Side\_0cm\_Sensor off**

**DUT: AGS2-L03;**

Communication System: UID 0, LTE-FDD(1RB, 20MHz, QPSK) (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2535$  MHz;  $\sigma = 2.118$  S/m;  $\epsilon_r = 52.488$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (7x13x1):** Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.281 W/kg

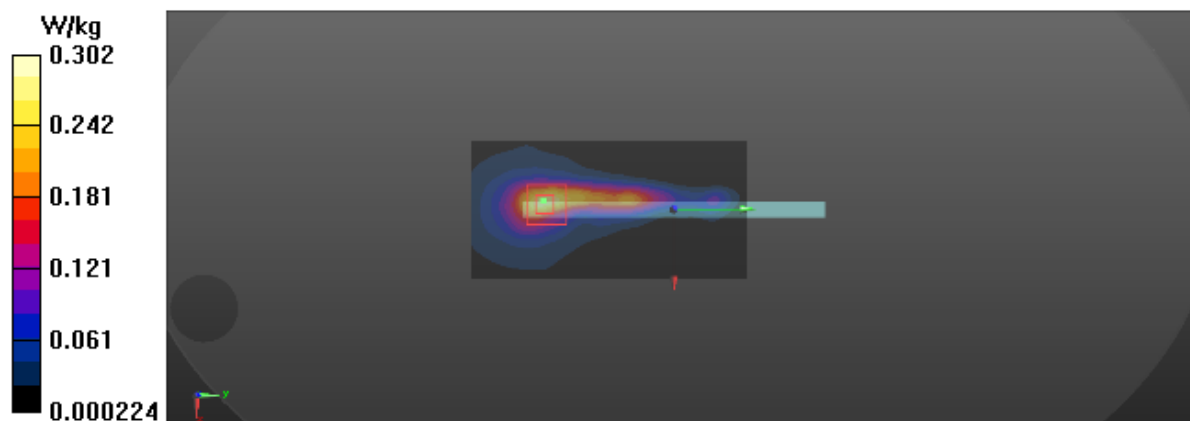
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.486 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.540 W/kg

**SAR(1 g) = 0.267 W/kg; SAR(10 g) = 0.125 W/kg**

Maximum value of SAR (measured) = 0.302 W/kg



Test Laboratory: BTL Inc.

Date: 2018/9/6

**T49\_LTE B12\_QPSK10M\_CH23130\_1RB\_Rear Face\_0cm\_Sensor on**

**DUT: AGS2-L03;**

Communication System: UID 0, LTE-FDD(1RB, 10MHz, QPSK) (0); Frequency: 711 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 711$  MHz;  $\sigma = 0.936$  S/m;  $\epsilon_r = 55.552$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(10.3, 10.3, 10.3); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (8x11x1):** Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.130 W/kg

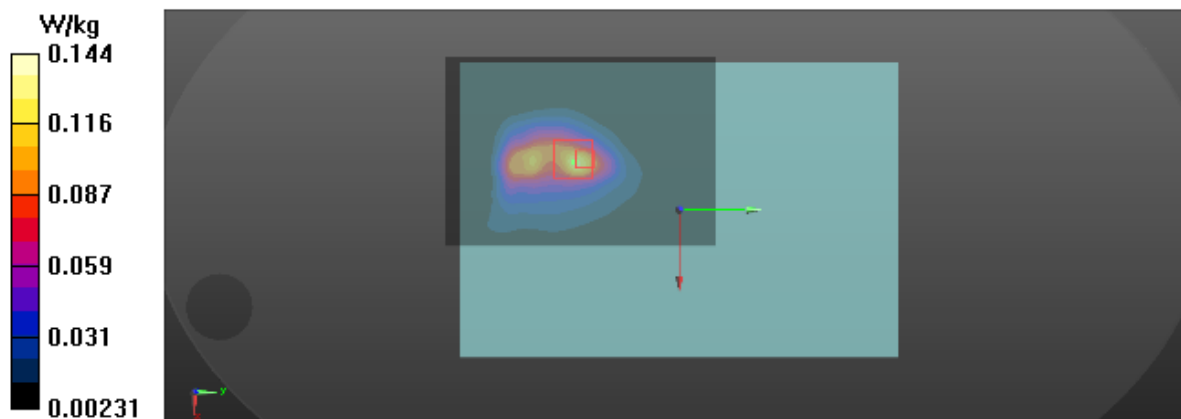
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.830 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.317 W/kg

**SAR(1 g) = 0.121 W/kg; SAR(10 g) = 0.058 W/kg**

Maximum value of SAR (measured) = 0.144 W/kg



Test Laboratory: BTL Inc.

Date: 2018/9/6

**T58\_LTE B12\_QPSK10M\_CH23060\_25RB\_Right Side\_0cm\_Sensor off**

**DUT: AGS2-L03;**

Communication System: UID 0, LTE-FDD(50% RB, 10MHz, QPSK) (0); Frequency: 704 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 704$  MHz;  $\sigma = 0.93$  S/m;  $\epsilon_r = 55.593$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.2 °C; Liquid Temperature: 22.4 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(10.3, 10.3, 10.3); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (7x11x1):** Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0922 W/kg

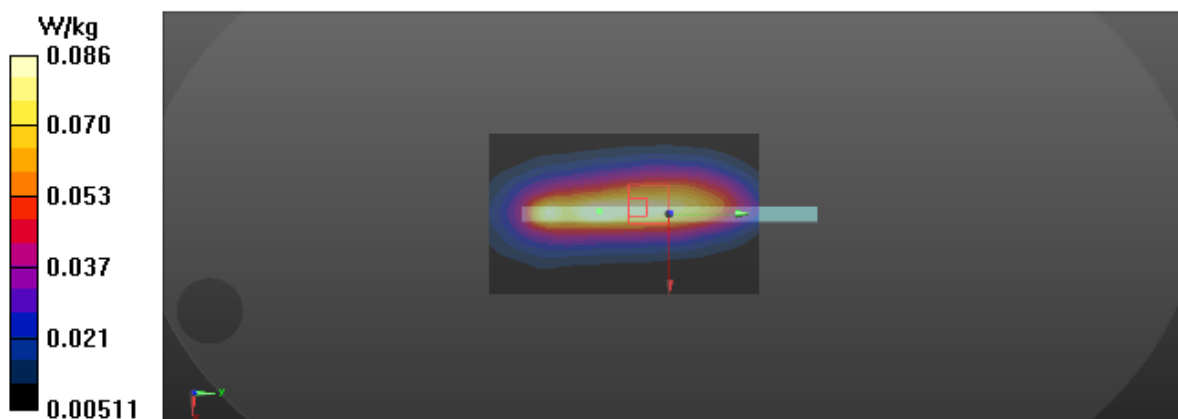
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.905 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.129 W/kg

**SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.048 W/kg**

Maximum value of SAR (measured) = 0.0857 W/kg



Test Laboratory: BTL Inc.

Date: 2018/9/6

**T71\_802.11b\_CH11\_Top Side\_0cm\_Sensor on**

**DUT: AGS2-L03;**

Communication System: UID 0, IEEE 802.11b WiFi 2.4GHz (DSSS, 1Mbps) (0); Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.999$  S/m;  $\epsilon_r = 51.348$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (7x15x1):** Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.731 W/kg

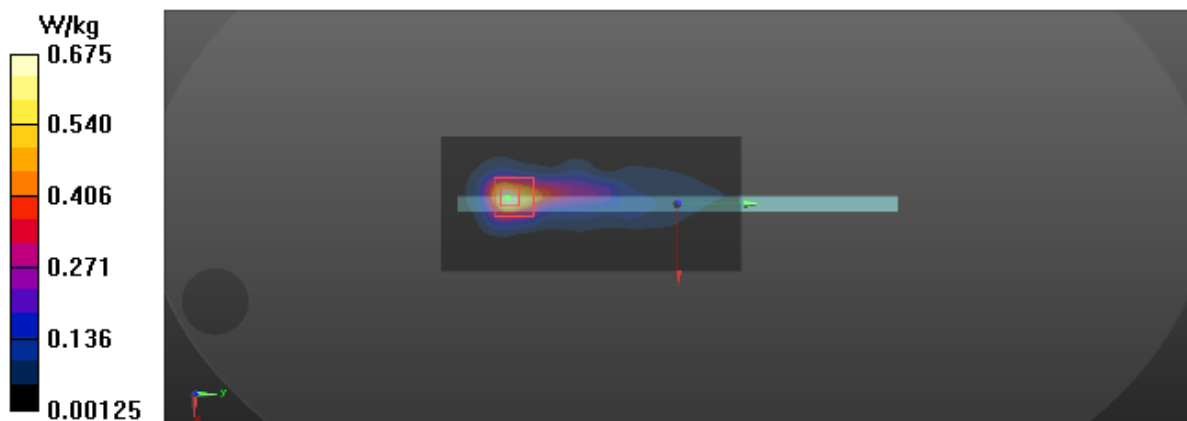
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.154 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.10 W/kg

**SAR(1 g) = 0.590 W/kg; SAR(10 g) = 0.281 W/kg**

Maximum value of SAR (measured) = 0.675 W/kg



Test Laboratory: BTL Inc.

Date: 2018/9/6

**T73\_802.11b\_CH1\_Rear Face\_1.1cm\_Sensor off**

**DUT: AGS2-L03;**

Communication System: UID 0, IEEE 802.11b WiFi 2.4GHz (DSSS, 1Mbps) (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.929$  S/m;  $\epsilon_r = 51.531$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.3 °C; Liquid Temperature: 22.5 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(7.7, 7.7, 7.7); Calibrated: 2018/5/29;
- Sensor-Surface: 4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (12x13x1):** Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.118 W/kg

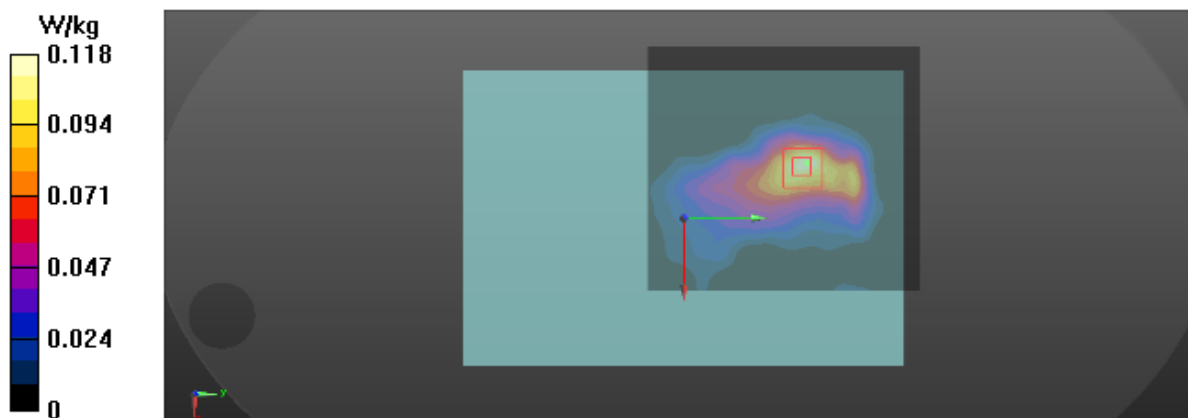
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.203 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.204 W/kg

**SAR(1 g) = 0.109 W/kg; SAR(10 g) = 0.055 W/kg**

Maximum value of SAR (measured) = 0.118 W/kg



Test Laboratory: BTL Inc.

Date: 2018/9/9

**T77\_802.11a\_CH64\_Top Side\_0cm\_Sensor on**

**DUT: AGS2-L03;**

Communication System: UID 0, IEEE 802.11a WiFi 5G (OFDM, 6 Mbps,) (0); Frequency: 5320 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5320$  MHz;  $\sigma = 5.528$  S/m;  $\epsilon_r = 47.376$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.4 °C; Liquid Temperature: 22.6 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(5.05, 5.05, 5.05); Calibrated: 2018/5/29;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 23.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (9x13x1):** Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 0.557 W/kg

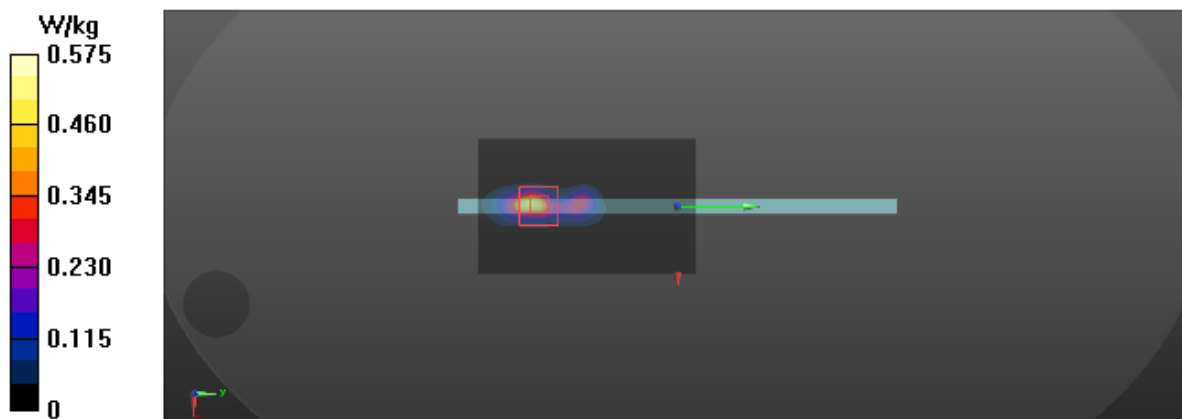
**Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.116 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.92 W/kg

**SAR(1 g) = 0.478 W/kg; SAR(10 g) = 0.118 W/kg**

Maximum value of SAR (measured) = 0.575 W/kg



Test Laboratory: BTL Inc.

Date: 2018/9/9

**T81\_802.11a\_CH64\_Top Side\_1.4cm\_Sensor off**

**DUT: AGS2-L03;**

Communication System: UID 0, IEEE 802.11a WiFi 5G (OFDM, 6 Mbps,) (0); Frequency: 5320 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5320$  MHz;  $\sigma = 5.528$  S/m;  $\epsilon_r = 47.376$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.4 °C; Liquid Temperature: 22.6 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(5.05, 5.05, 5.05); Calibrated: 2018/5/29;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 23.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (9x16x1):** Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 0.523 W/kg

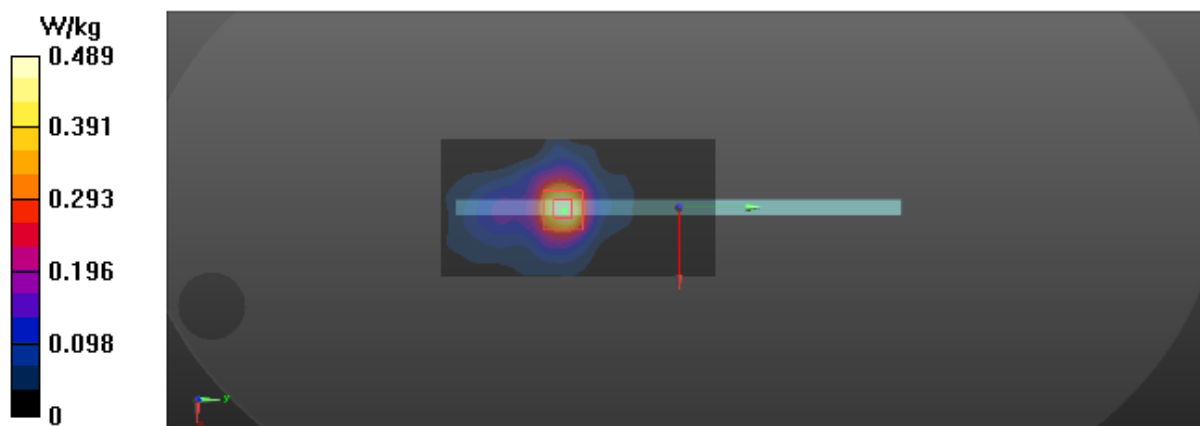
**Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.418 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.21 W/kg

**SAR(1 g) = 0.419 W/kg; SAR(10 g) = 0.165 W/kg**

Maximum value of SAR (measured) = 0.489 W/kg





Test Laboratory: BTL Inc.

Date: 2018/9/9

**T84\_802.11a\_CH112\_Top Side\_0cm\_Sensor on**

**DUT: AGS2-L03;**

Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5560 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5560$  MHz;  $\sigma = 5.87$  S/m;  $\epsilon_r = 46.935$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.4 °C; Liquid Temperature: 22.6 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(4.38, 4.38, 4.38); Calibrated: 2018/5/29;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 23.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (9x13x1):** Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 0.471 W/kg

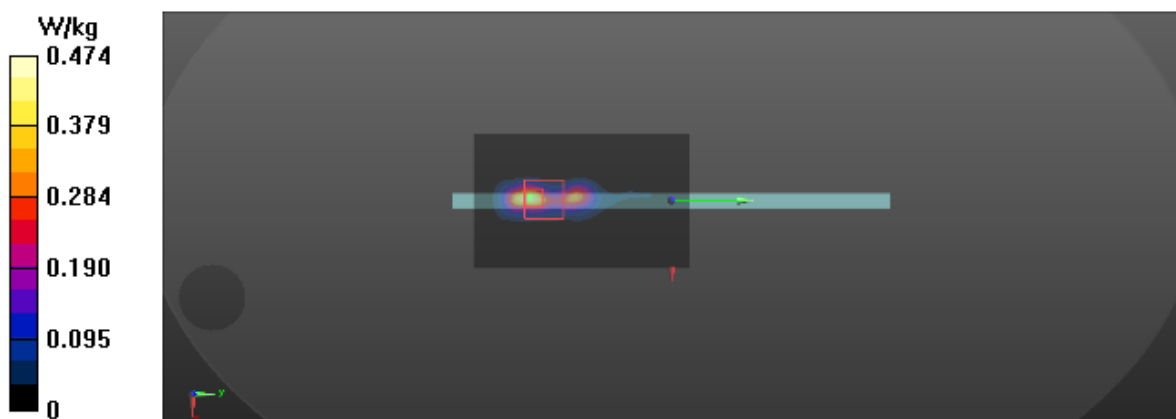
**Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.495 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.05 W/kg

**SAR(1 g) = 0.285 W/kg; SAR(10 g) = 0.082 W/kg**

Maximum value of SAR (measured) = 0.474 W/kg



Test Laboratory: BTL Inc.

Date: 2018/9/9

### T87\_802.11a\_CH140\_Left Side\_0cm\_Sensor off

DUT: AGS2-L03;

Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5700 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5700$  MHz;  $\sigma = 6.065$  S/m;  $\epsilon_r = 46.711$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.4 °C; Liquid Temperature: 22.6 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(4.5, 4.5, 4.5); Calibrated: 2018/5/29;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 23.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (9x13x1):** Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 0.420 W/kg

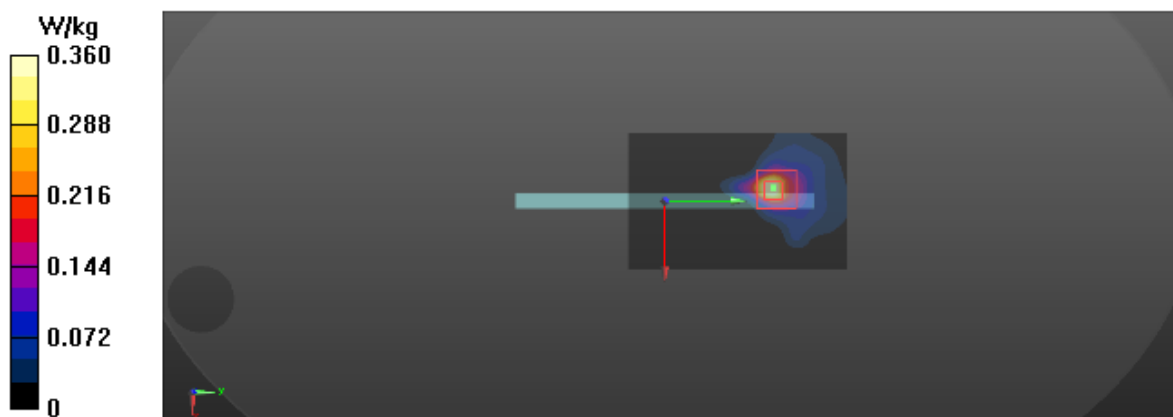
**Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0.5620 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.913 W/kg

**SAR(1 g) = 0.279 W/kg; SAR(10 g) = 0.086 W/kg**

Maximum value of SAR (measured) = 0.360 W/kg



Test Laboratory: BTL Inc.

Date: 2018/9/9

**T90\_802.11a\_CH165\_Rear Face\_0cm\_Sensor on**

**DUT: AGS2-L03;**

Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5825 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5825$  MHz;  $\sigma = 6.233$  S/m;  $\epsilon_r = 46.483$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.4 °C; Liquid Temperature: 22.6 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(4.5, 4.5, 4.5); Calibrated: 2018/5/29;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 23.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (12x16x1):** Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 0.0761 W/kg

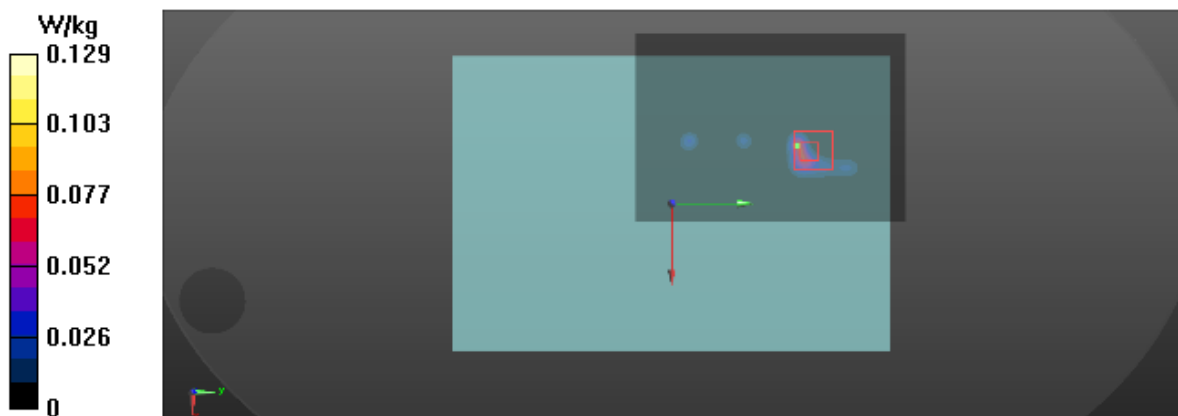
**Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.598 W/kg

**SAR(1 g) = 0.122 W/kg; SAR(10 g) = 0.028 W/kg**

Maximum value of SAR (measured) = 0.129 W/kg



Test Laboratory: BTL Inc.

Date: 2018/9/9

### T94\_802.11a\_CH157\_Left Side\_0cm\_Sensor off

DUT: AGS2-L03;

Communication System: UID 0, IEEE 802.11a WiFi 5G(OFDM, 6 Mbps,) (0); Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5785$  MHz;  $\sigma = 6.188$  S/m;  $\epsilon_r = 46.525$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature: 23.4 °C; Liquid Temperature: 22.6 °C

DASY Configuration:

- Probe: EX3DV4 - SN7396; ConvF(4.5, 4.5, 4.5); Calibrated: 2018/5/29;
- Sensor-Surface: 2mm (Mechanical Surface Detection),  $z = 1.0, 23.0$
- Electronics: DAE4 Sn1390; Calibrated: 2018/5/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1222
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

**Area Scan (9x13x1):** Interpolated grid: dx=10 mm, dy=10 mm

Maximum value of SAR (interpolated) = 0.281 W/kg

**Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.715 W/kg

**SAR(1 g) = 0.189 W/kg; SAR(10 g) = 0.060 W/kg**

Maximum value of SAR (measured) = 0.210 W/kg

