

**#01\_GSM850\_GPRS (4 Tx slots)\_Right Cheek\_Ch189**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:2.08

Medium: HSL\_850\_170519 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.902$  mho/m;  $\epsilon_r = 42$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

**DASY4 Configuration:**

- Probe: ES3DV3 - SN3270; ConvF(6.03, 6.03, 6.03); Calibrated: 2016/8/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2016/12/15
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.307 mW/g

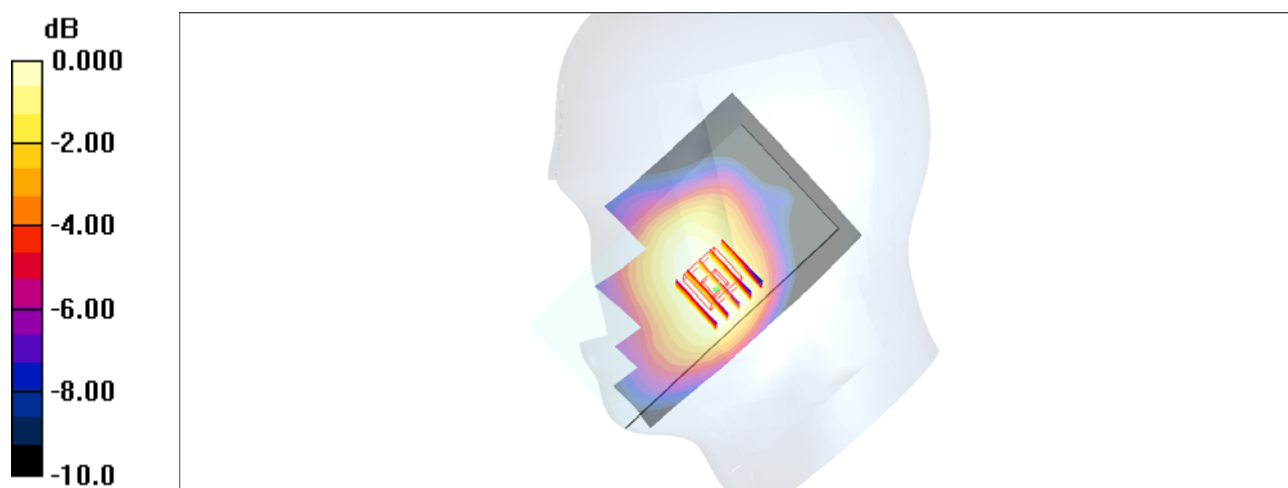
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.4 V/m; Power Drift = 0.041 dB

Peak SAR (extrapolated) = 0.341 W/kg

**SAR(1 g) = 0.271 mW/g; SAR(10 g) = 0.219 mW/g**

Maximum value of SAR (measured) = 0.293 mW/g



**#02\_GSM1900\_GPRS (3 Tx slots)\_Left Cheek\_Ch810**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:2.77

Medium: HSL\_1900\_170520 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.443$  S/m;  $\epsilon_r = 40.594$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3270; ConvF(5.08, 5.08, 5.08); Calibrated: 2016/8/26;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2016/12/15
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.158 W/kg

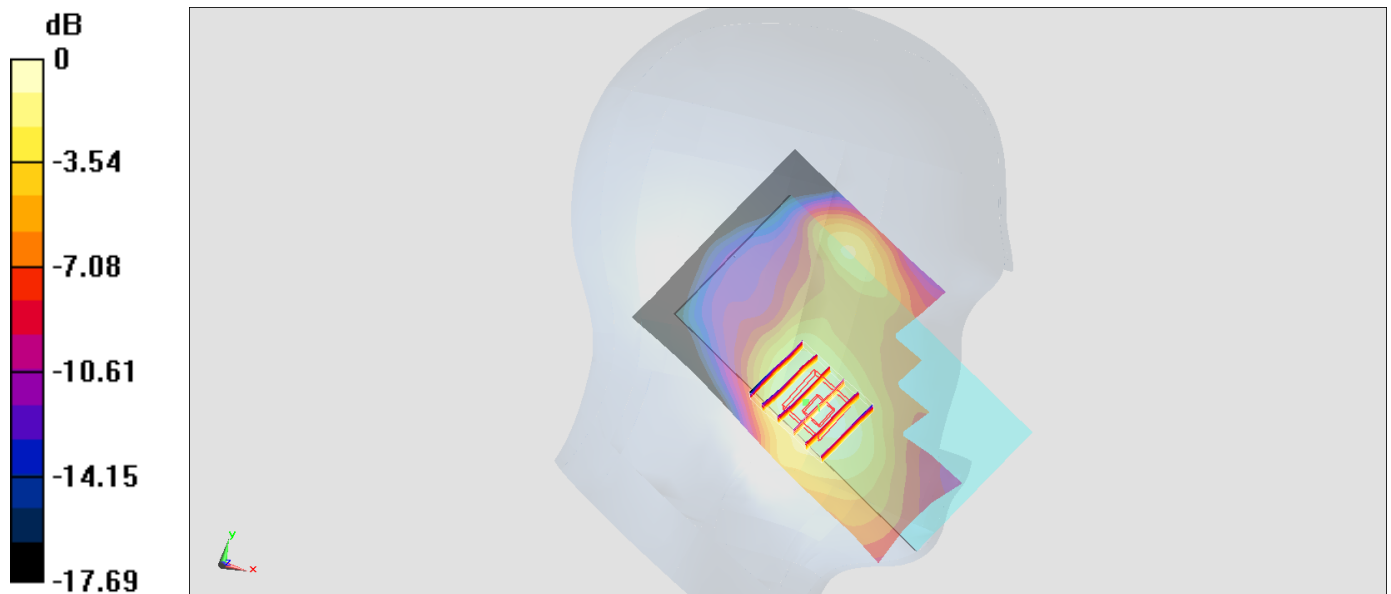
**Zoom Scan (6x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.70 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.209 W/kg

**SAR(1 g) = 0.143 W/kg; SAR(10 g) = 0.092 W/kg**

Maximum value of SAR (measured) = 0.166 W/kg



0 dB = 0.166 W/kg = -7.80 dBW/kg

**#03\_WCDMA II\_RMC 12.2Kbps\_Left Cheek\_Ch9538**

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_170520 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.441$  S/m;  $\epsilon_r = 40.599$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3270; ConvF(5.08, 5.08, 5.08); Calibrated: 2016/8/26;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2016/12/15
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.271 W/kg

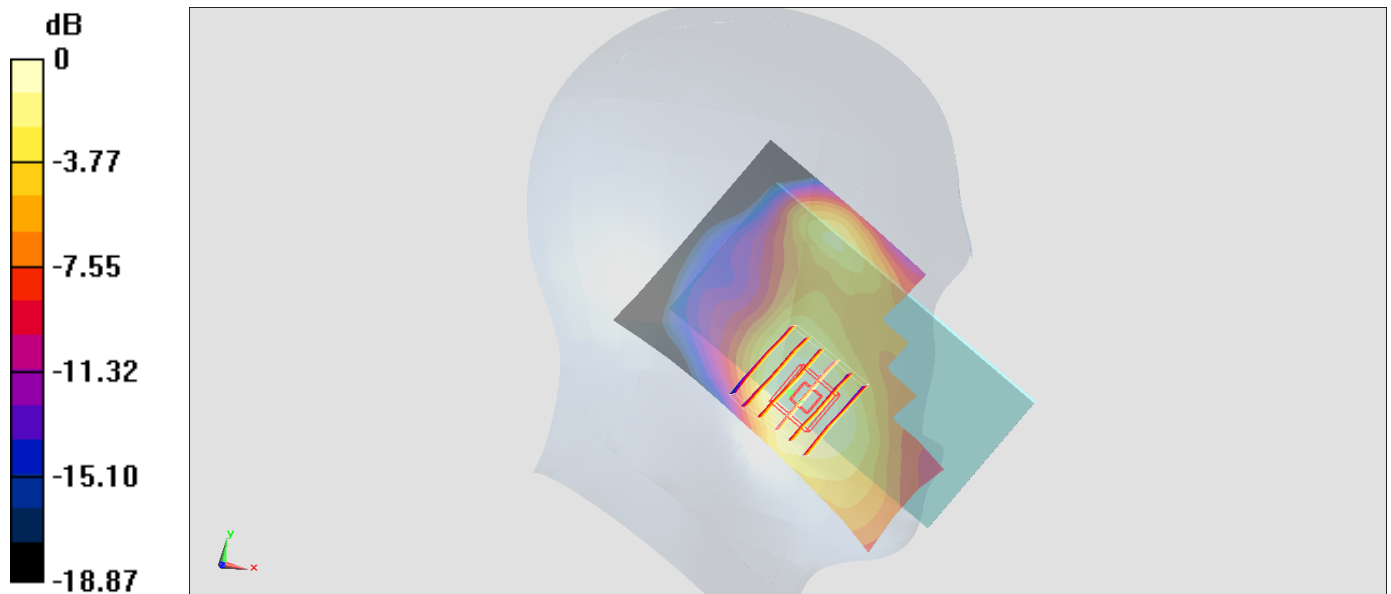
**Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.69 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.334 W/kg

**SAR(1 g) = 0.234 W/kg; SAR(10 g) = 0.152 W/kg**

Maximum value of SAR (measured) = 0.270 W/kg



0 dB = 0.270 W/kg = -5.69 dBW/kg

**#04\_WCDMA V\_RMC 12.2Kbps\_Left Cheek\_Ch4132**

Communication System: WCDMA; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: HSL\_850\_170519 Medium parameters used :  $f = 826.4$  MHz;  $\sigma = 0.893$  mho/m;  $\epsilon_r = 42.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.03, 6.03, 6.03); Calibrated: 2016/8/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2016/12/15
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.290 mW/g

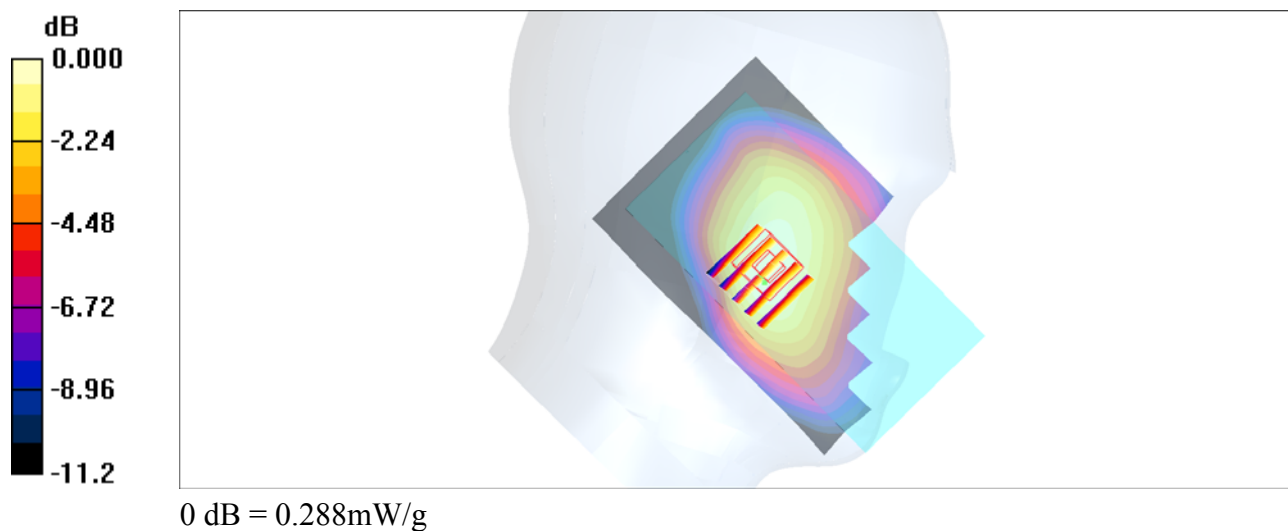
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.2 V/m; Power Drift = 0.032 dB

Peak SAR (extrapolated) = 0.342 W/kg

**SAR(1 g) = 0.263 mW/g; SAR(10 g) = 0.203 mW/g**

Maximum value of SAR (measured) = 0.288 mW/g



**#05\_LTE Band 5\_10M\_QPSK\_1\_0\_Left Cheek\_Ch20525**

Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: HSL\_850\_170519 Medium parameters used :  $f = 836.5$  MHz;  $\sigma = 0.902$  mho/m;  $\epsilon_r = 42$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.03, 6.03, 6.03); Calibrated: 2016/8/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2016/12/15
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.281 mW/g

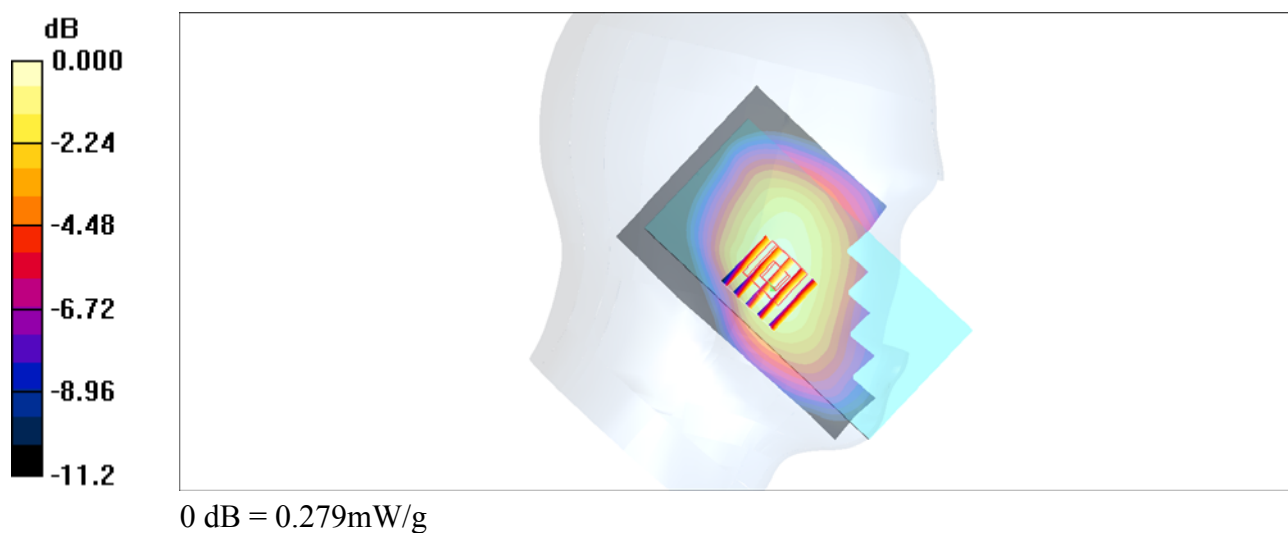
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.7 V/m; Power Drift = 0.052 dB

Peak SAR (extrapolated) = 0.333 W/kg

**SAR(1 g) = 0.254 mW/g; SAR(10 g) = 0.195 mW/g**

Maximum value of SAR (measured) = 0.279 mW/g



**#06\_LTE Band 7\_20M\_QPSK\_1\_0\_Left Cheek\_Ch21100**

Communication System: LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: HSL\_2600\_170519 Medium parameters used :  $f = 2535$  MHz;  $\sigma = 1.88$  mho/m;  $\epsilon_r = 39.2$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.37, 4.37, 4.37); Calibrated: 2016/8/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2016/12/15
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Area Scan (81x151x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.605 mW/g

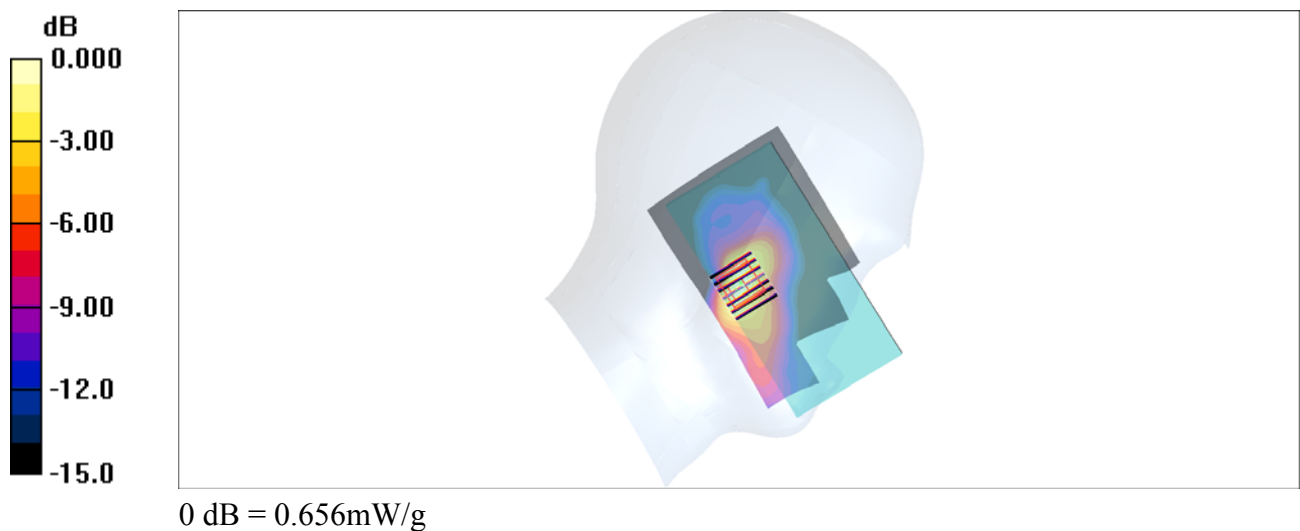
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.9 V/m; Power Drift = 0.094 dB

Peak SAR (extrapolated) = 0.993 W/kg

**SAR(1 g) = 0.504 mW/g; SAR(10 g) = 0.244 mW/g**

Maximum value of SAR (measured) = 0.656 mW/g



**#07\_LTE Band 41\_20M\_QPSK\_1\_0\_Left Cheek\_Ch41140**

Communication System: LTE; Frequency: 2645 MHz; Duty Cycle: 1:1.59

Medium: HSL\_2600\_170519 Medium parameters used:  $f = 2645$  MHz;  $\sigma = 2$  mho/m;  $\epsilon_r = 38.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

**DASY4 Configuration:**

- Probe: ES3DV3 - SN3270; ConvF(4.37, 4.37, 4.37); Calibrated: 2016/8/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2016/12/15
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Area Scan (81x151x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.898 mW/g

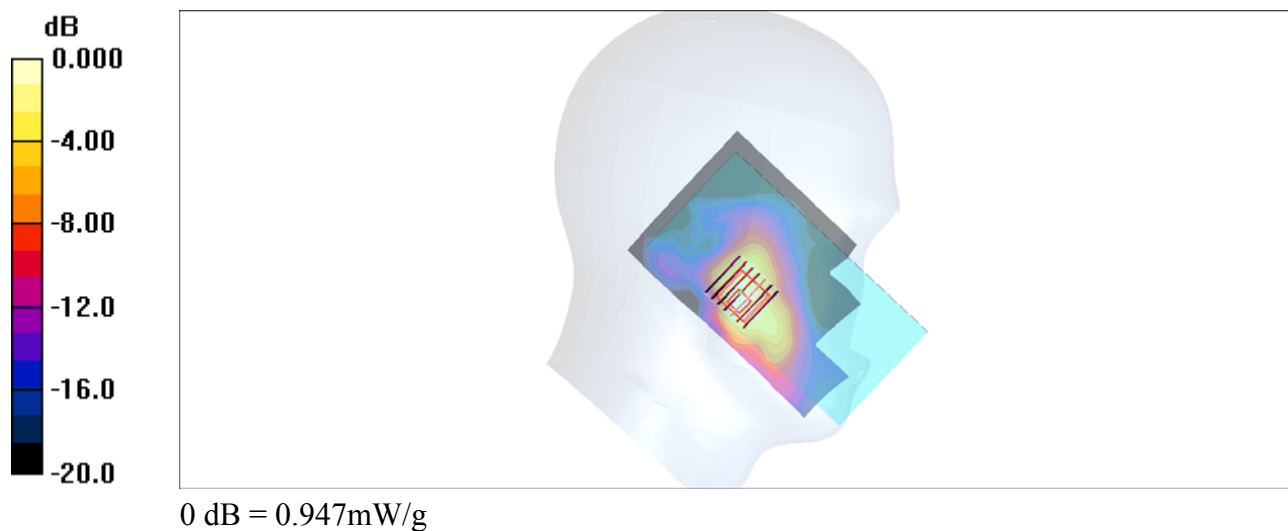
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.4 V/m; Power Drift = 0.161 dB

Peak SAR (extrapolated) = 1.44 W/kg

**SAR(1 g) = 0.725 mW/g; SAR(10 g) = 0.345 mW/g**

Maximum value of SAR (measured) = 0.947 mW/g



**#08\_WLAN2.4GHz\_802.11b 1Mbps\_Left Cheek\_Ch6**

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: HSL\_2450\_170529 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.77$  mho/m;  $\epsilon_r = 39.4$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

**DASY4 Configuration:**

- Probe: EX3DV4 - SN3955; ConvF(7.56, 7.56, 7.56); Calibrated: 2016/11/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Area Scan (81x151x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.83 mW/g

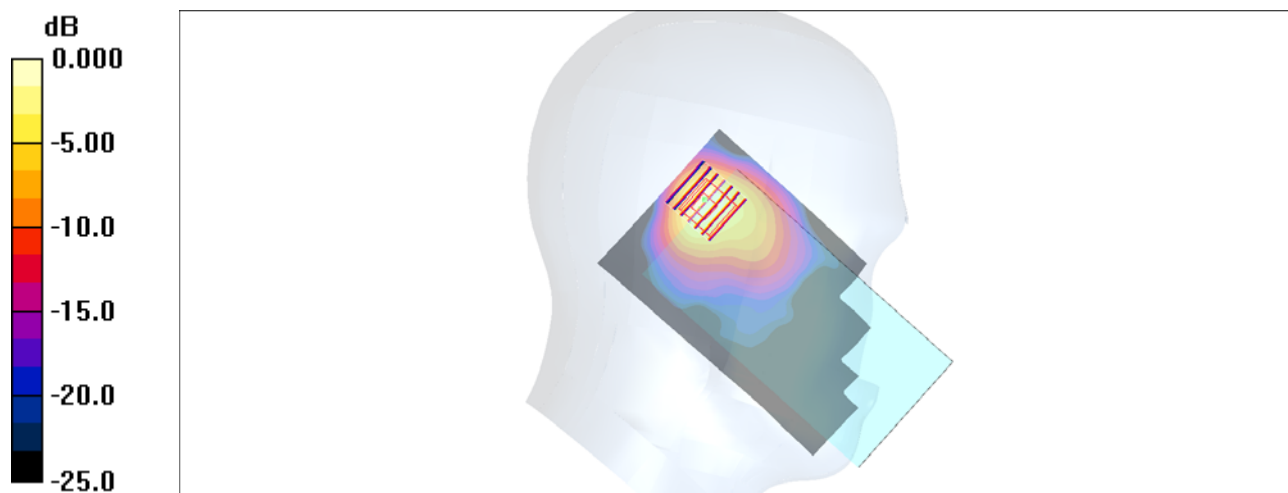
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.1 V/m; Power Drift = -0.177 dB

Peak SAR (extrapolated) = 2.52 W/kg

**SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.538 mW/g**

Maximum value of SAR (measured) = 1.92 mW/g



0 dB = 1.92mW/g



**#09\_WLAN5GHz\_802.11a 6Mbps\_Left Cheek\_Ch64**

Communication System: 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1.029

Medium: HSL\_5G\_170529 Medium parameters used:  $f = 5320$  MHz;  $\sigma = 4.58$  mho/m;  $\epsilon_r = 37.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

**DASY4 Configuration:**

- Probe: EX3DV4 - SN3955; ConvF(5.04, 5.04, 5.04); Calibrated: 2016/11/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Area Scan (101x181x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.599 mW/g

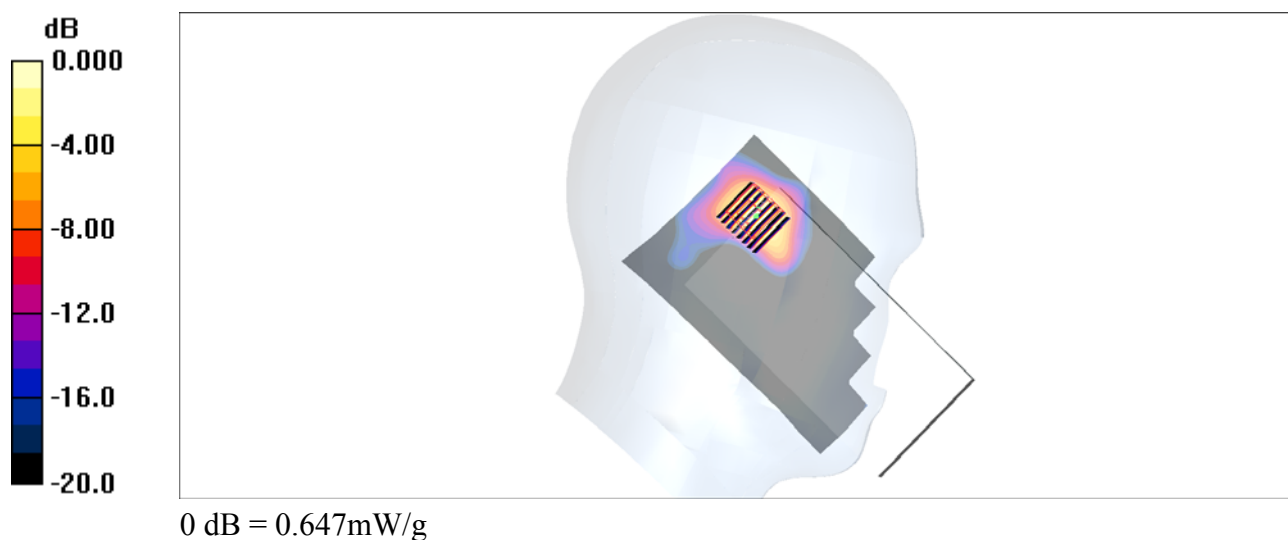
**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 9.76 V/m; Power Drift = 0.157 dB

Peak SAR (extrapolated) = 1.07 W/kg

**SAR(1 g) = 0.294 mW/g; SAR(10 g) = 0.107 mW/g**

Maximum value of SAR (measured) = 0.647 mW/g



## #10\_WLAN5GHz\_802.11a 6Mbps\_Left Cheek\_Ch100

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1.029

Medium: HSL\_5G\_170529 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 4.77$  mho/m;  $\epsilon_r = 37$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3955; ConvF(4.5, 4.5, 4.5); Calibrated: 2016/11/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Area Scan (101x181x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.331 mW/g

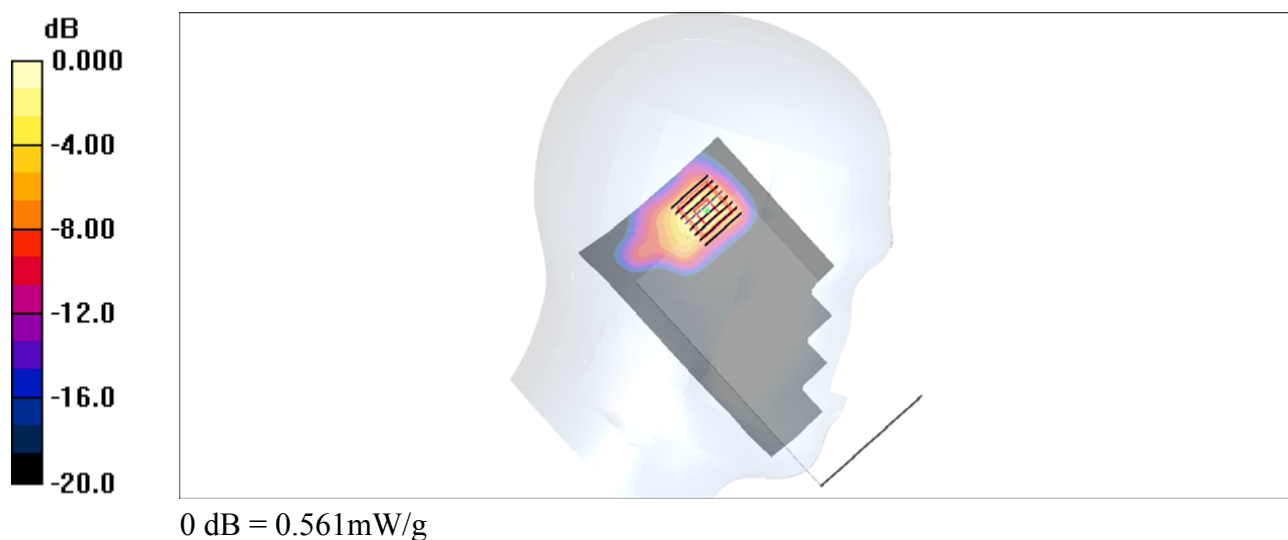
**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.80 V/m; Power Drift = 0.112 dB

Peak SAR (extrapolated) = 0.893 W/kg

**SAR(1 g) = 0.239 mW/g; SAR(10 g) = 0.075 mW/g**

Maximum value of SAR (measured) = 0.561 mW/g



**#11\_WLAN5GHz\_802.11a 6Mbps\_Left Cheek\_Ch149**

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1.029

Medium: HSL\_5G\_170529 Medium parameters used:  $f = 5745$  MHz;  $\sigma = 5.03$  mho/m;  $\epsilon_r = 36.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C ; Liquid Temperature : 22.2 °C

**DASY4 Configuration:**

- Probe: EX3DV4 - SN3955; ConvF(4.63, 4.63, 4.63); Calibrated: 2016/11/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Area Scan (101x181x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.769 mW/g

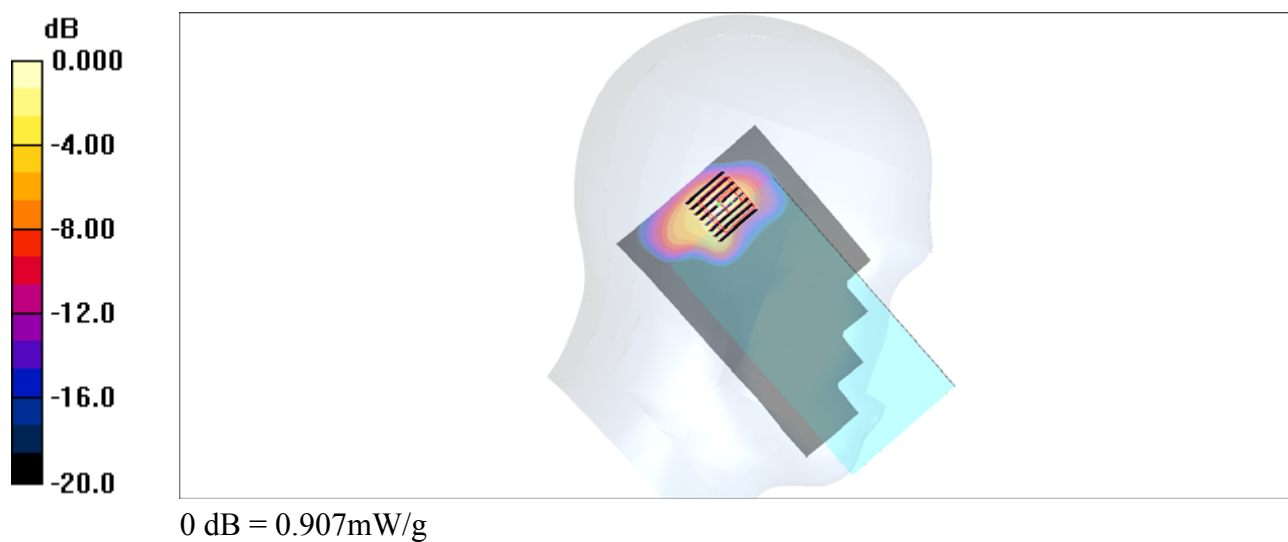
**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.92 V/m; Power Drift = 0.140 dB

Peak SAR (extrapolated) = 1.67 W/kg

**SAR(1 g) = 0.338 mW/g; SAR(10 g) = 0.091 mW/g**

Maximum value of SAR (measured) = 0.907 mW/g



**#12\_GSM850\_GPRS (4 Tx slots)\_Back\_10mm\_Ch189**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:2.08

Medium: MSL\_850\_170518 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.977$  mho/m;  $\epsilon_r = 56.3$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.01, 6.01, 6.01); Calibrated: 2016/8/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2016/12/15
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.506 mW/g

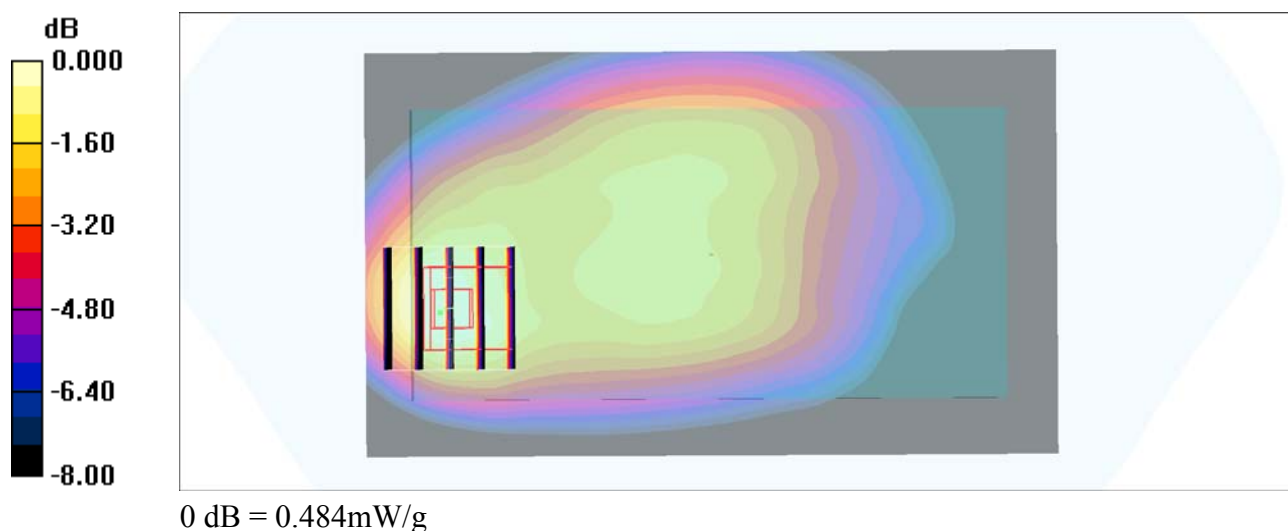
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.7 V/m; Power Drift = -0.035 dB

Peak SAR (extrapolated) = 0.677 W/kg

**SAR(1 g) = 0.411 mW/g; SAR(10 g) = 0.268 mW/g**

Maximum value of SAR (measured) = 0.484 mW/g



**#13\_GSM1900\_GPRS (3 Tx slots)\_Back\_10mm\_Ch810**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:2.77

Medium: MSL\_1900\_170518 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 55.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

**DASY4 Configuration:**

- Probe: ES3DV3 - SN3270; ConvF(4.7, 4.7, 4.7); Calibrated: 2016/8/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2016/12/15
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Area Scan (71x71x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.758 mW/g

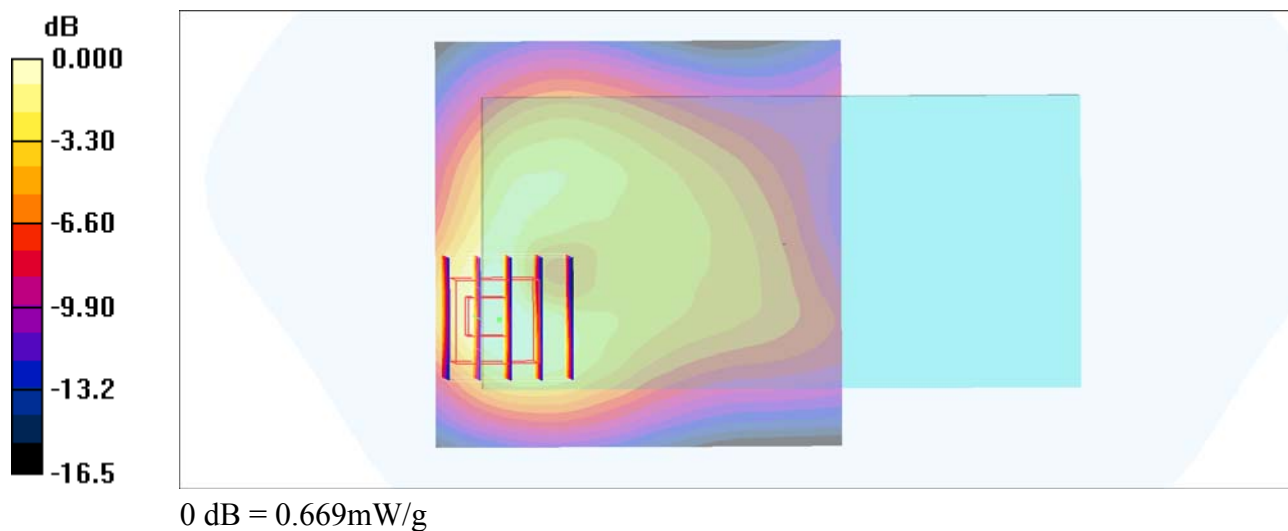
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.4 V/m; Power Drift = 0.012 dB

Peak SAR (extrapolated) = 0.960 W/kg

**SAR(1 g) = 0.574 mW/g; SAR(10 g) = 0.314 mW/g**

Maximum value of SAR (measured) = 0.669 mW/g



**#14\_WCDMA II\_RMC12.2Kbps\_Back\_10mm\_Ch9538**

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_170518 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 55.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.7, 4.7, 4.7); Calibrated: 2016/8/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2016/12/15
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Area Scan (71x71x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.819 mW/g

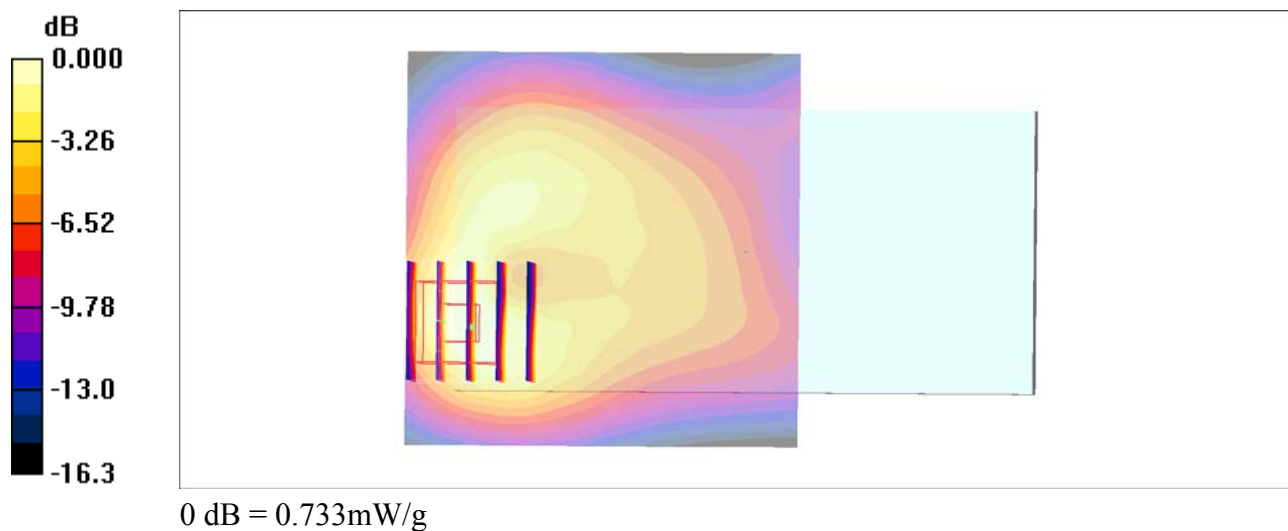
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.4 V/m; Power Drift = -0.013 dB

Peak SAR (extrapolated) = 1.05 W/kg

**SAR(1 g) = 0.624 mW/g; SAR(10 g) = 0.339 mW/g**

Maximum value of SAR (measured) = 0.733 mW/g



**#15\_WCDMA V\_RMC 12.2Kbps\_Back\_10mm\_Ch4132**

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_170518 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.977$  mho/m;  $\epsilon_r = 56.3$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.01, 6.01, 6.01); Calibrated: 2016/8/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2016/12/15
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Area Scan (61x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.405 mW/g

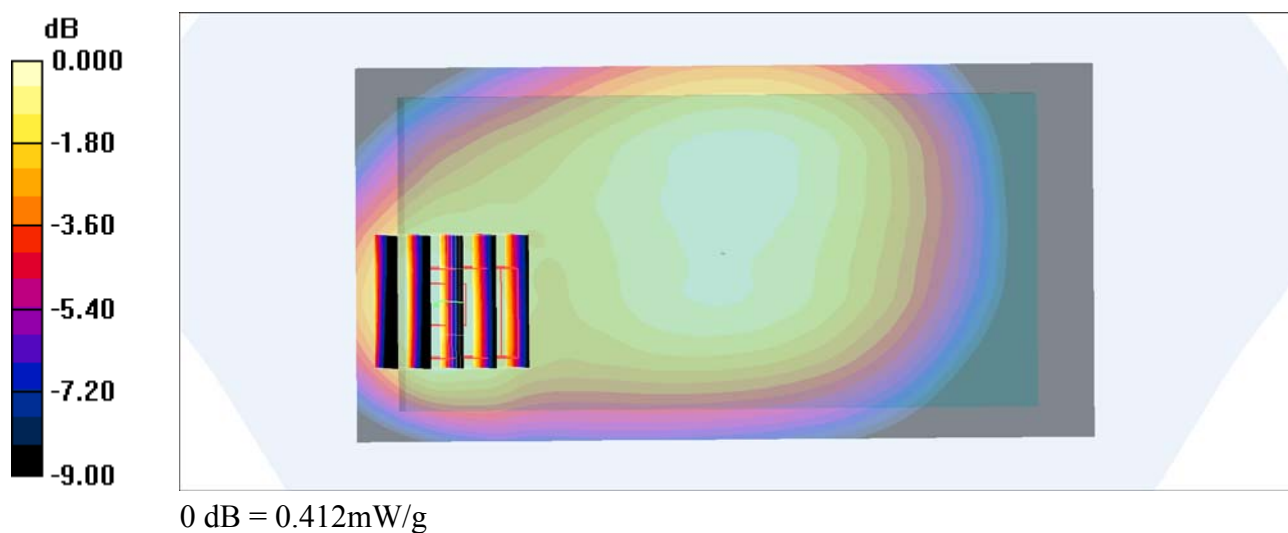
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.6 V/m; Power Drift = -0.016 dB

Peak SAR (extrapolated) = 0.596 W/kg

**SAR(1 g) = 0.348 mW/g; SAR(10 g) = 0.224 mW/g**

Maximum value of SAR (measured) = 0.412 mW/g



**#16\_LTE Band 5\_10M\_QPSK\_1\_0\_Back\_10mm\_Ch20525**

Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_170518 Medium parameters used :  $f = 836.5$  MHz;  $\sigma = 0.977$  mho/m;  $\epsilon_r = 56.3$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.01, 6.01, 6.01); Calibrated: 2016/8/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2016/12/15
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Area Scan (61x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.378 mW/g

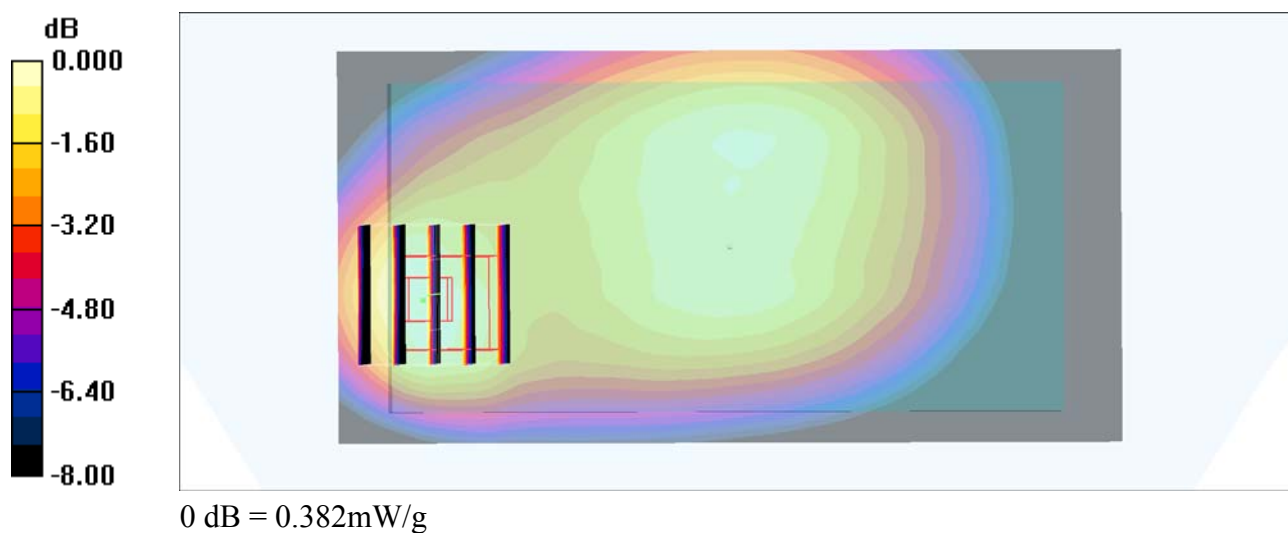
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.3 V/m; Power Drift = -0.005 dB

Peak SAR (extrapolated) = 0.552 W/kg

**SAR(1 g) = 0.323 mW/g; SAR(10 g) = 0.206 mW/g**

Maximum value of SAR (measured) = 0.382 mW/g





**#17\_LTE Band 7\_20M\_QPSK\_1\_0\_Back\_10mm\_Ch20850**

Communication System: LTE; Frequency: 2510 MHz; Duty Cycle: 1:1

Medium: MSL\_2600\_170516 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 2.05$  mho/m;  $\epsilon_r = 53.9$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.8 °C

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.12, 4.12, 4.12); Calibrated: 2016/8/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2016/12/15
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Area Scan (81x81x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.29 mW/g

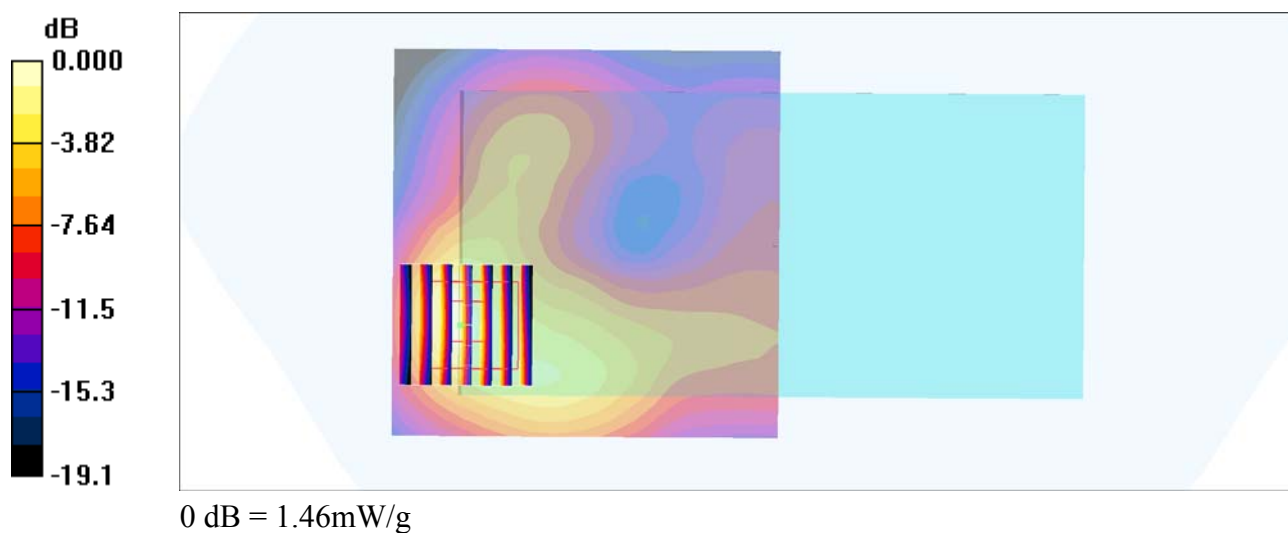
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.6 V/m; Power Drift = 0.061 dB

Peak SAR (extrapolated) = 2.21 W/kg

**SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.508 mW/g**

Maximum value of SAR (measured) = 1.46 mW/g



**#18\_LTE Band 41\_20M\_QPSK\_1\_0\_Back\_10mm\_Ch40340**

Communication System: LTE; Frequency: 2565 MHz; Duty Cycle: 1:1.59

Medium: MSL\_2600\_170516 Medium parameters used:  $f = 2565$  MHz;  $\sigma = 2.13$  mho/m;  $\epsilon_r = 53.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.8 °C

**DASY4 Configuration:**

- Probe: ES3DV3 - SN3270; ConvF(4.12, 4.12, 4.12); Calibrated: 2016/8/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2016/12/15
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Area Scan (81x71x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.892 mW/g

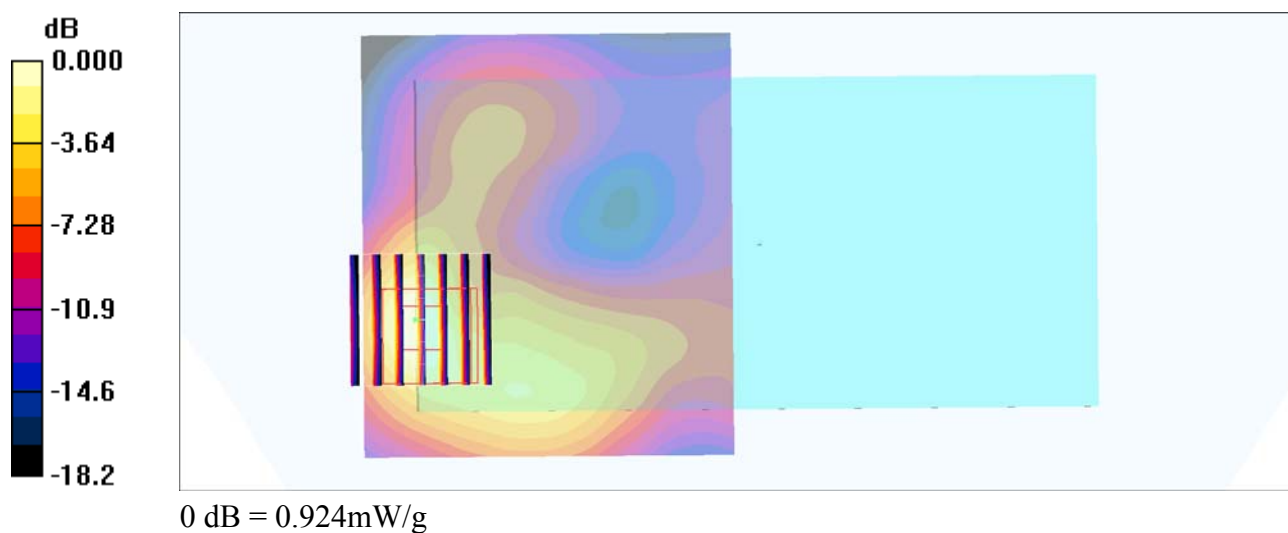
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.3 V/m; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 1.42 W/kg

**SAR(1 g) = 0.698 mW/g; SAR(10 g) = 0.319 mW/g**

Maximum value of SAR (measured) = 0.924 mW/g



**#19\_WLAN2.4GHz\_802.11b 1Mbps\_Top Side\_10mm\_Ch1**

Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1

Medium: MSL\_2450\_170530 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.91$  mho/m;  $\epsilon_r = 55$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

**DASY4 Configuration:**

- Probe: EX3DV4 - SN3955; ConvF(7.65, 7.65, 7.65); Calibrated: 2016/11/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Area Scan (51x81x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.451 mW/g

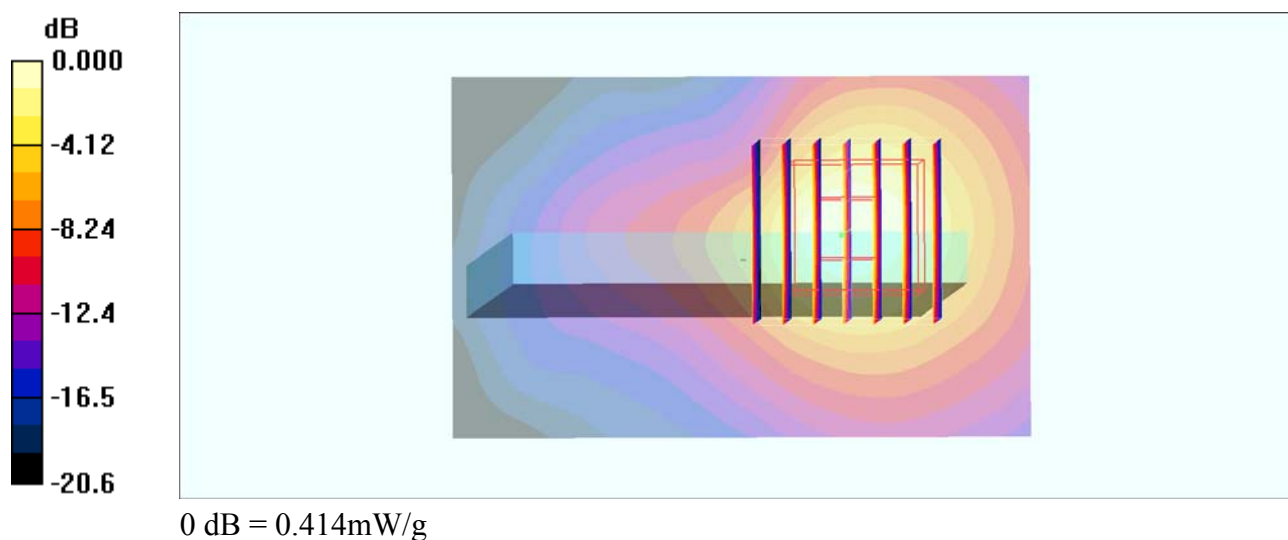
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.4 V/m; Power Drift = 0.000 dB

Peak SAR (extrapolated) = 0.515 W/kg

**SAR(1 g) = 0.256 mW/g; SAR(10 g) = 0.124 mW/g**

Maximum value of SAR (measured) = 0.414 mW/g



**#20\_WLAN5GHz\_802.11a 6Mbps\_Back\_0mm\_Ch64**

Communication System: 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1.029

Medium: MSL\_5G\_170530 Medium parameters used:  $f = 5320$  MHz;  $\sigma = 5.48$  mho/m;  $\epsilon_r = 46.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

**DASY4 Configuration:**

- Probe: EX3DV4 - SN3955; ConvF(4.51, 4.51, 4.51); Calibrated: 2016/11/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Area Scan (101x181x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 4.57 mW/g

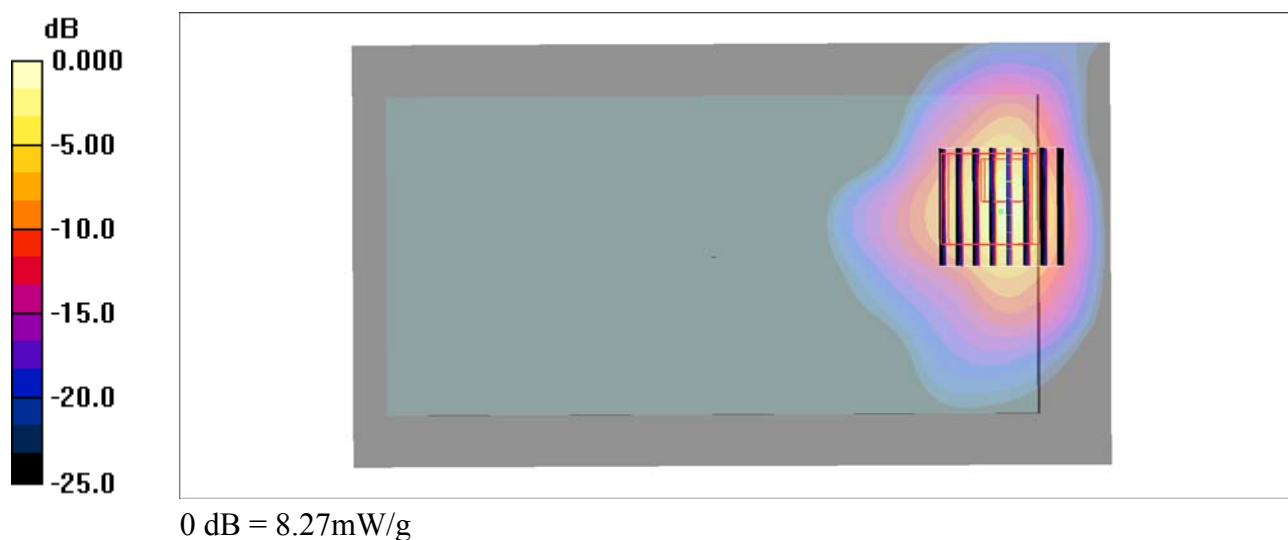
**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 28.4 V/m; Power Drift = -0.193 dB

Peak SAR (extrapolated) = 17.6 W/kg

**SAR(1 g) = 2.54 mW/g; SAR(10 g) = 0.674 mW/g**

Maximum value of SAR (measured) = 8.27 mW/g



**#21\_WLAN5GHz\_802.11a 6Mbps\_Back\_0mm\_Ch100**

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1.029

Medium: MSL\_5G\_170530 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.71$  mho/m;  $\epsilon_r = 46.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

**DASY4 Configuration:**

- Probe: EX3DV4 - SN3955; ConvF(3.91, 3.91, 3.91); Calibrated: 2016/11/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Area Scan (101x201x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.77 mW/g

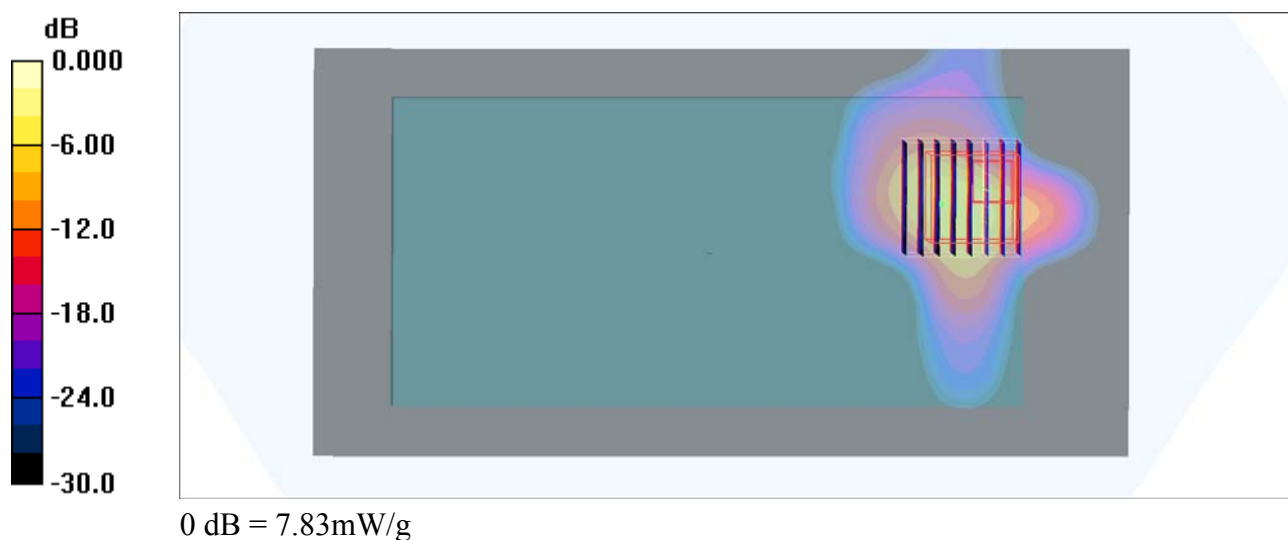
**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 19.1 V/m; Power Drift = 0.110 dB

Peak SAR (extrapolated) = 17.2 W/kg

**SAR(1 g) = 2.54 mW/g; SAR(10 g) = 0.637 mW/g**

Maximum value of SAR (measured) = 7.83 mW/g



**#22\_WLAN5GHz\_802.11a 6Mbps\_Back\_0mm\_Ch149**

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1.029

Medium: MSL\_5G\_170530 Medium parameters used:  $f = 5745$  MHz;  $\sigma = 6.04$  mho/m;  $\epsilon_r = 46.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

**DASY4 Configuration:**

- Probe: EX3DV4 - SN3955; ConvF(4.12, 4.12, 4.12); Calibrated: 2016/11/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Area Scan (101x181x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 6.51 mW/g

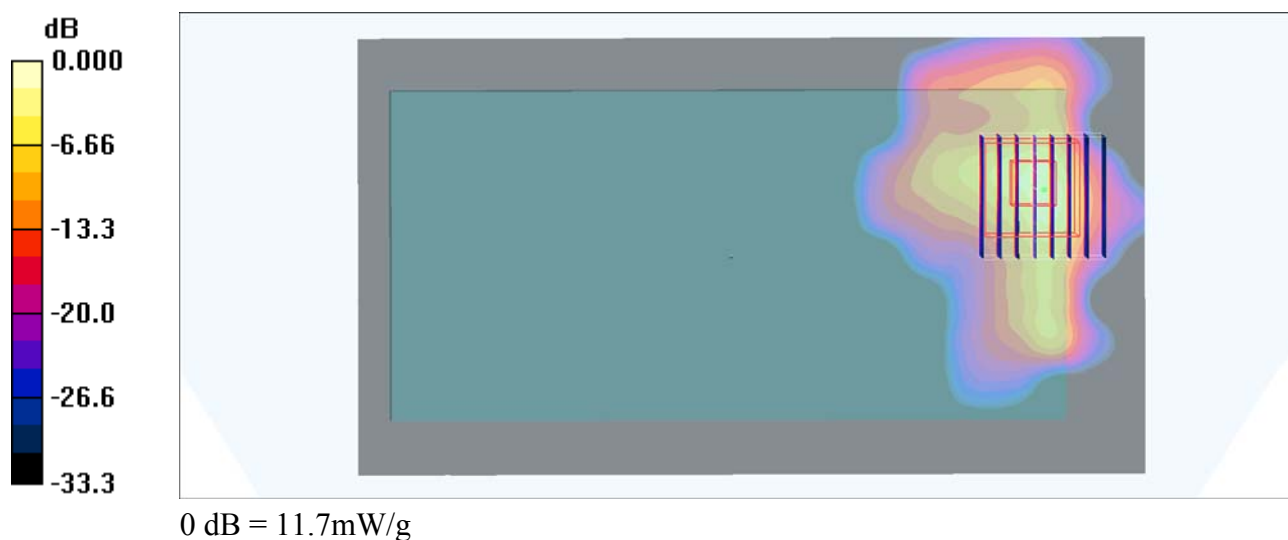
**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 33.8 V/m; Power Drift = -0.149 dB

Peak SAR (extrapolated) = 23.5 W/kg

**SAR(1 g) = 2.98 mW/g; SAR(10 g) = 0.758 mW/g**

Maximum value of SAR (measured) = 11.7 mW/g



**#23\_GSM850\_GPRS (4 Tx slots)\_Back\_15mm\_Ch189**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:2.08

Medium: MSL\_850\_170518 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.977$  mho/m;  $\epsilon_r = 56.3$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.01, 6.01, 6.01); Calibrated: 2016/8/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2016/12/15
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Area Scan (71x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.276 mW/g

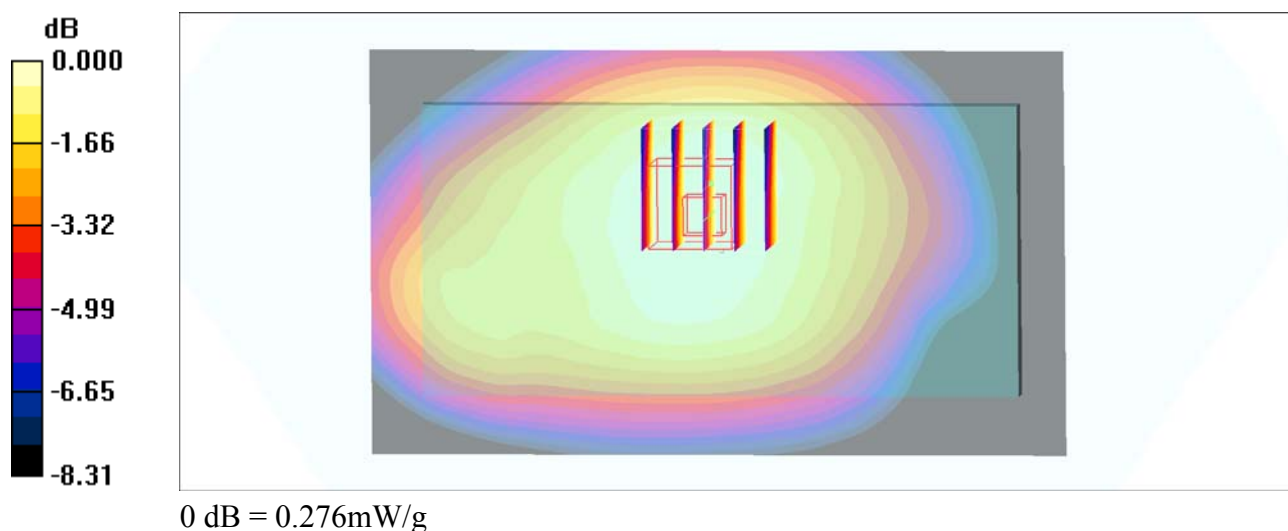
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.2 V/m; Power Drift = 0.047 dB

Peak SAR (extrapolated) = 0.313 W/kg

**SAR(1 g) = 0.254 mW/g; SAR(10 g) = 0.197 mW/g**

Maximum value of SAR (measured) = 0.276 mW/g



**#24\_GSM1900\_GPRS (3 Tx slots)\_Back\_15mm\_Ch810**

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:2.77

Medium: MSL\_1900\_170518 Medium parameters used:  $f = 1910$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 55.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

**DASY4 Configuration:**

- Probe: ES3DV3 - SN3270; ConvF(4.7, 4.7, 4.7); Calibrated: 2016/8/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2016/12/15
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Area Scan (71x71x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.319 mW/g

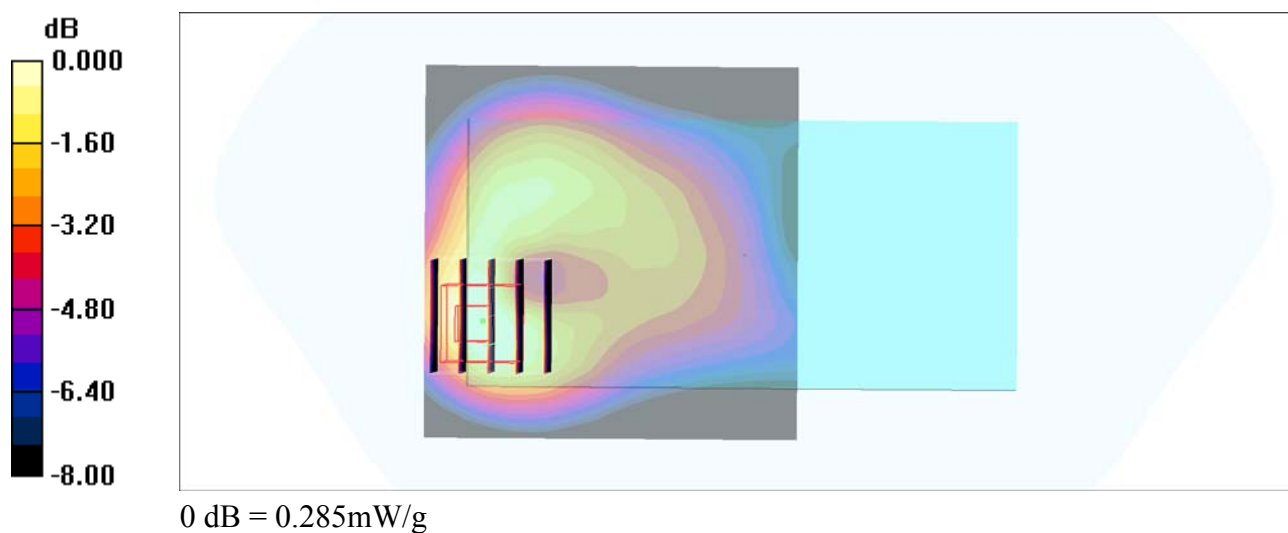
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.9 V/m; Power Drift = 0.035 dB

Peak SAR (extrapolated) = 0.392 W/kg

**SAR(1 g) = 0.251 mW/g; SAR(10 g) = 0.148 mW/g**

Maximum value of SAR (measured) = 0.285 mW/g





**#25\_WCDMA II\_RMC12.2Kbps\_Back\_15mm\_Ch9538**

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: MSL\_1900\_170518 Medium parameters used:  $f = 1908$  MHz;  $\sigma = 1.53$  mho/m;  $\epsilon_r = 55.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.7, 4.7, 4.7); Calibrated: 2016/8/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2016/12/15
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Area Scan (71x71x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.419 mW/g

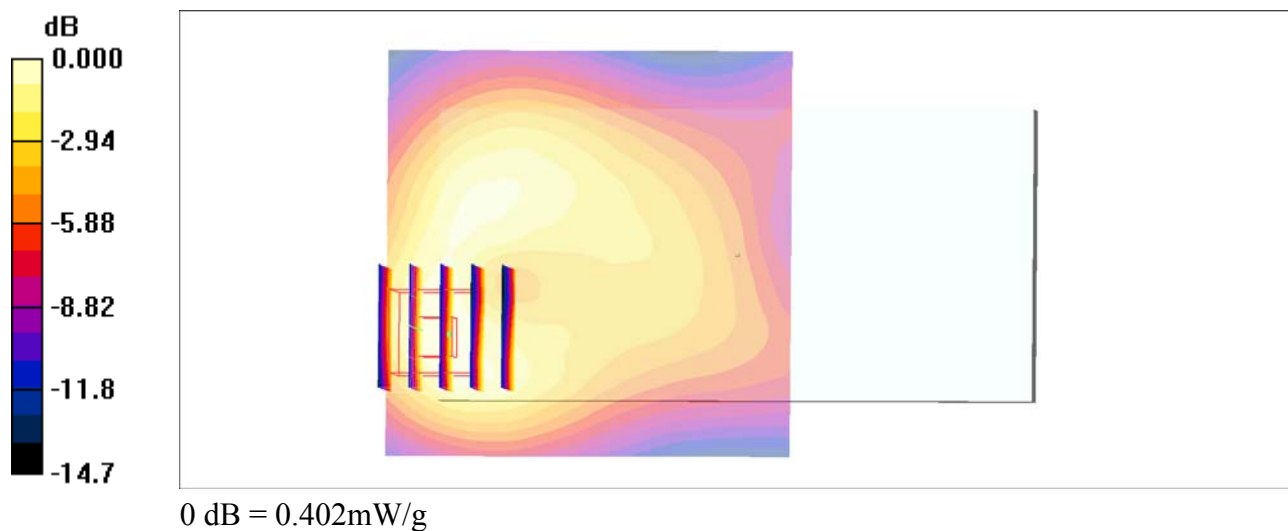
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.4 V/m; Power Drift = 0.003 dB

Peak SAR (extrapolated) = 0.539 W/kg

**SAR(1 g) = 0.344 mW/g; SAR(10 g) = 0.203 mW/g**

Maximum value of SAR (measured) = 0.402 mW/g



**#26\_WCDMA V\_RMC 12.2Kbps\_Back\_15mm\_Ch4132**

Communication System: WCDMA; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_170518 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.977$  mho/m;  $\epsilon_r = 56.3$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.01, 6.01, 6.01); Calibrated: 2016/8/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2016/12/15
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Area Scan (61x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.327 mW/g

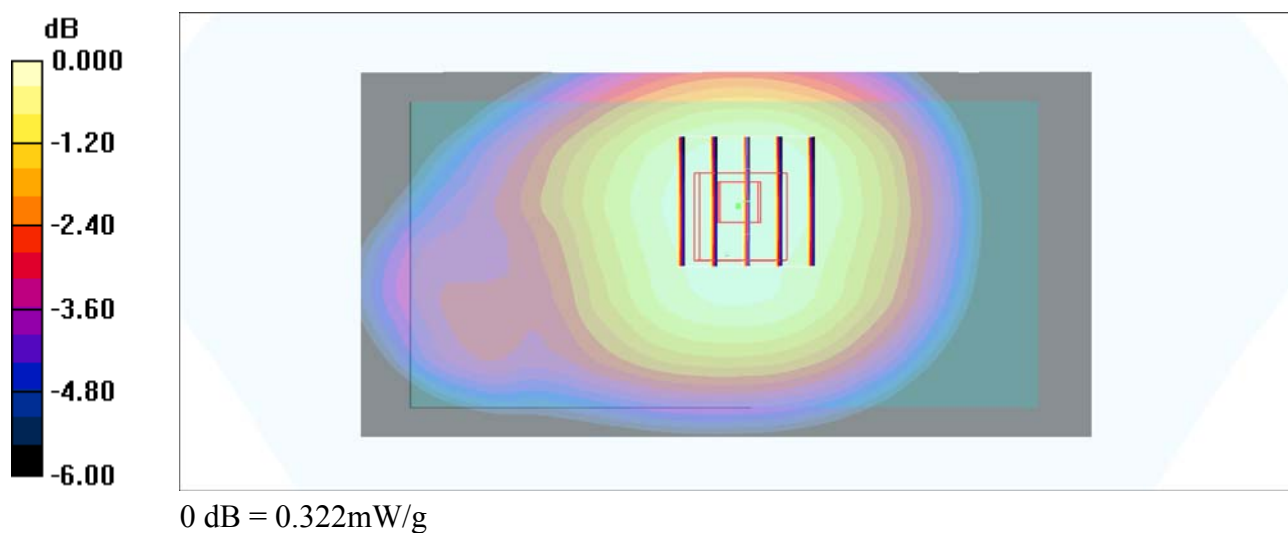
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.8 V/m; Power Drift = -0.015 dB

Peak SAR (extrapolated) = 0.366 W/kg

**SAR(1 g) = 0.298 mW/g; SAR(10 g) = 0.235 mW/g**

Maximum value of SAR (measured) = 0.322 mW/g



**#27\_LTE Band 5\_10M\_QPSK\_1\_0\_Back\_15mm\_Ch20525**

Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: MSL\_850\_170518 Medium parameters used :  $f = 836.5$  MHz;  $\sigma = 0.977$  mho/m;  $\epsilon_r = 56.3$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.01, 6.01, 6.01); Calibrated: 2016/8/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2016/12/15
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Area Scan (61x121x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.284 mW/g

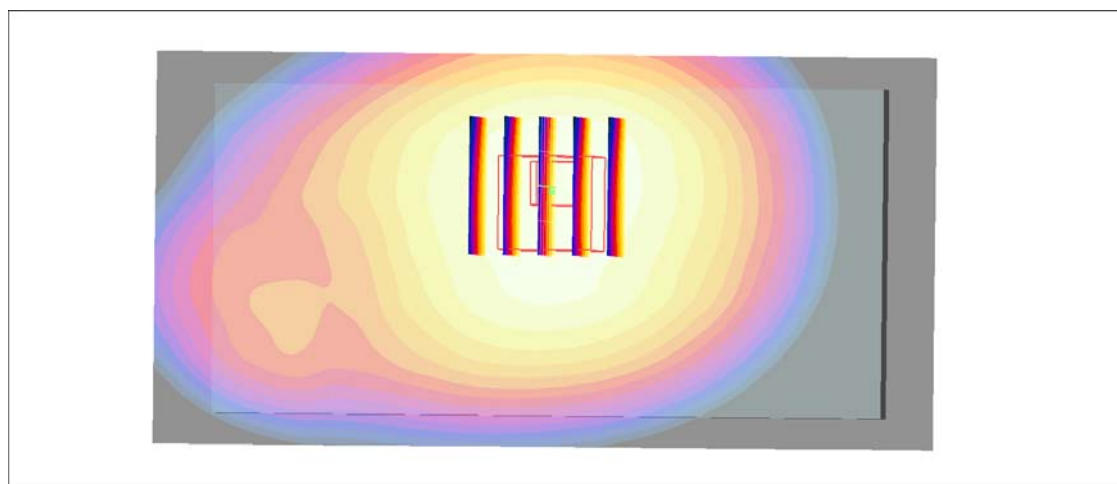
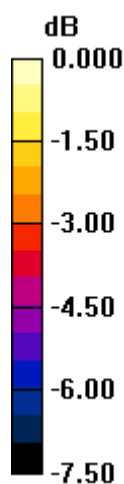
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.6 V/m; Power Drift = 0.008 dB

Peak SAR (extrapolated) = 0.323 W/kg

**SAR(1 g) = 0.261 mW/g; SAR(10 g) = 0.205 mW/g**

Maximum value of SAR (measured) = 0.285 mW/g



0 dB = 0.285mW/g

**#28\_LTE Band 7\_20M\_QPSK\_1\_0\_Back\_15mm\_Ch21100**

Communication System: LTE; Frequency: 2535 MHz; Duty Cycle: 1:1

Medium: MSL\_2600\_170516 Medium parameters used :  $f = 2535$  MHz;  $\sigma = 2.09$  mho/m;  $\epsilon_r = 53.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.8 °C

DASY4 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.12, 4.12, 4.12); Calibrated: 2016/8/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2016/12/15
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Area Scan (81x71x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.549 mW/g

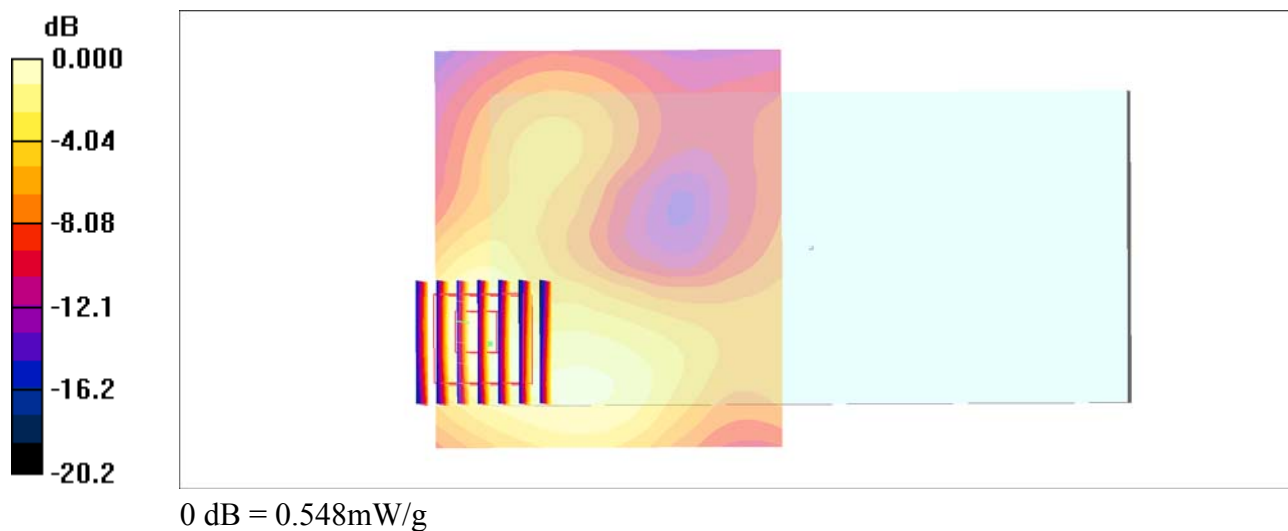
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.2 V/m; Power Drift = 0.103 dB

Peak SAR (extrapolated) = 0.842 W/kg

**SAR(1 g) = 0.446 mW/g; SAR(10 g) = 0.229 mW/g**

Maximum value of SAR (measured) = 0.548 mW/g



**#29\_LTE Band 41\_20M\_QPSK\_1\_0\_Back\_15mm\_Ch40870**

Communication System: LTE; Frequency: 2618 MHz; Duty Cycle: 1:1.59

Medium: MSL\_2600\_170516 Medium parameters used:  $f = 2618$  MHz;  $\sigma = 2.21$  mho/m;  $\epsilon_r = 53.6$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.8 °C

**DASY4 Configuration:**

- Probe: ES3DV3 - SN3270; ConvF(4.12, 4.12, 4.12); Calibrated: 2016/8/26
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2016/12/15
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Area Scan (81x81x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.520 mW/g

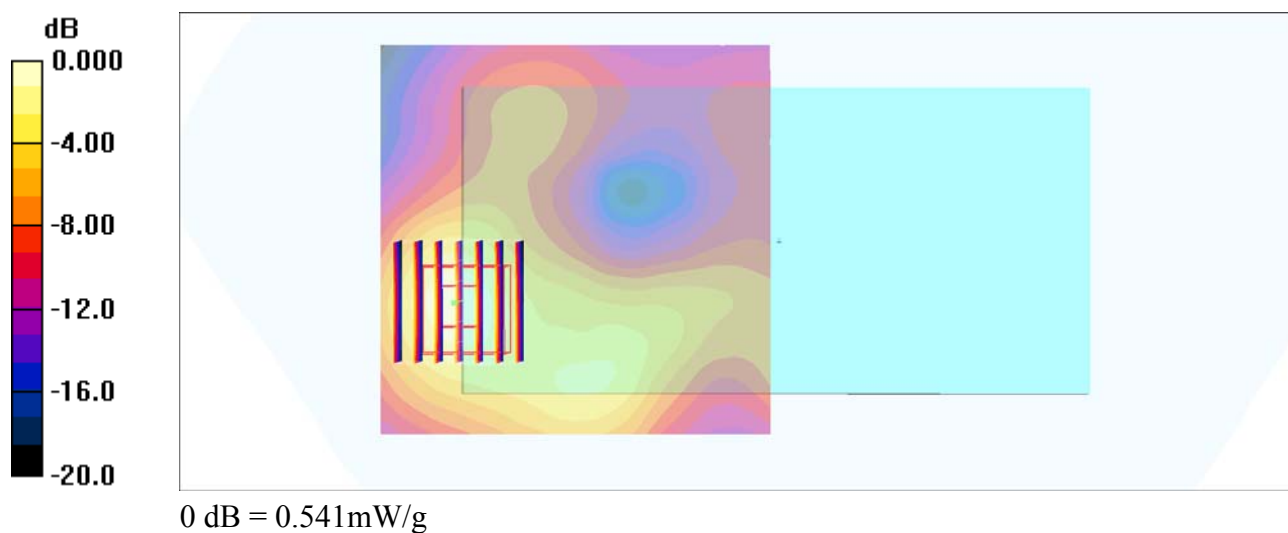
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.9 V/m; Power Drift = 0.135 dB

Peak SAR (extrapolated) = 0.826 W/kg

**SAR(1 g) = 0.423 mW/g; SAR(10 g) = 0.209 mW/g**

Maximum value of SAR (measured) = 0.541 mW/g



**#30\_WLAN2.4GHz\_802.11b 1Mbps\_Front\_15mm\_Ch1**

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL\_2450\_170530 Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.91$  mho/m;  $\epsilon_r = 55$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

**DASY4 Configuration:**

- Probe: EX3DV4 - SN3955; ConvF(7.65, 7.65, 7.65); Calibrated: 2016/11/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Area Scan (81x151x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.161 mW/g

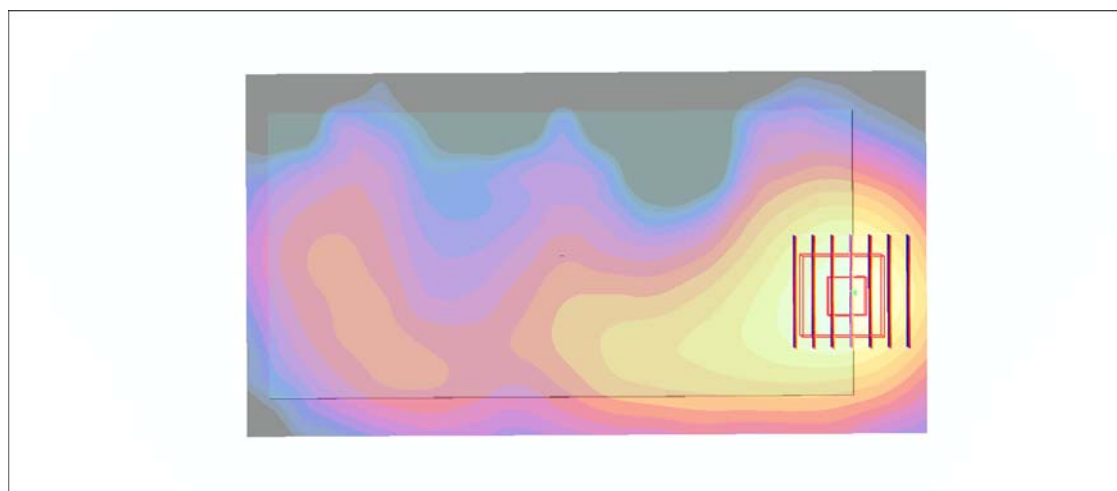
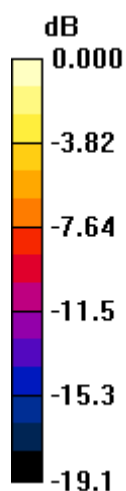
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.02 V/m; Power Drift = 0.051 dB

Peak SAR (extrapolated) = 0.198 W/kg

**SAR(1 g) = 0.108 mW/g; SAR(10 g) = 0.059 mW/g**

Maximum value of SAR (measured) = 0.162 mW/g



0 dB = 0.162mW/g

**#31\_WLAN5GHz\_802.11a 6Mbps\_Back\_15mm\_Ch64**

Communication System: 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1.029

Medium: MSL\_5G\_170530 Medium parameters used:  $f = 5320$  MHz;  $\sigma = 5.48$  mho/m;  $\epsilon_r = 46.8$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

**DASY4 Configuration:**

- Probe: EX3DV4 - SN3955; ConvF(4.51, 4.51, 4.51); Calibrated: 2016/11/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Area Scan (101x201x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.325 mW/g

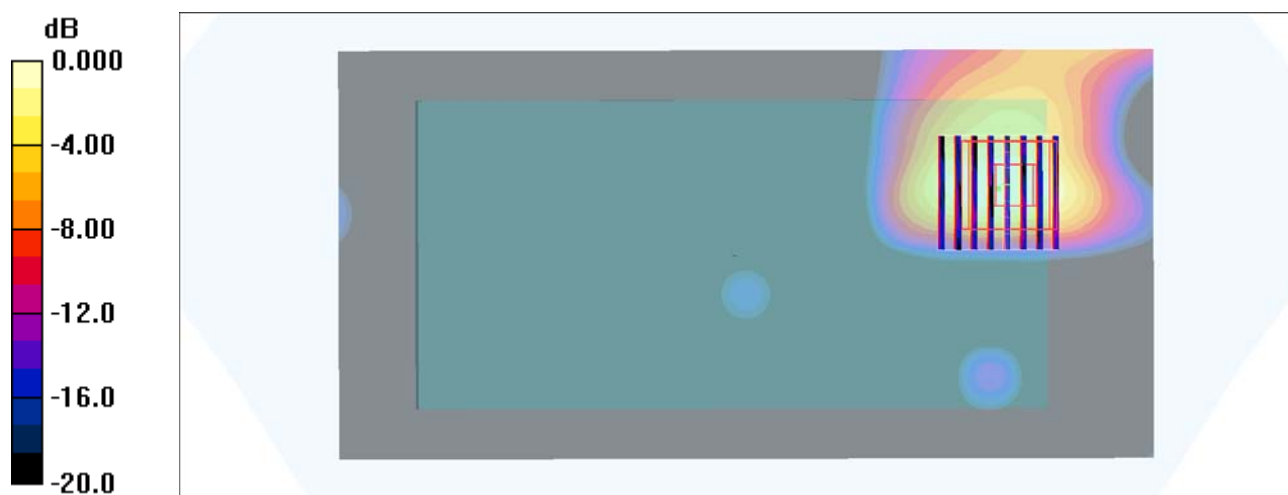
**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.36 V/m; Power Drift = 0.173 dB

Peak SAR (extrapolated) = 0.486 W/kg

**SAR(1 g) = 0.114 mW/g; SAR(10 g) = 0.043 mW/g**

Maximum value of SAR (measured) = 0.259 mW/g



0 dB = 0.259mW/g

**#32\_WLAN5GHz\_802.11a 6Mbps\_Back\_15mm\_Ch100**

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1.029

Medium: MSL\_5G\_170530 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.71$  mho/m;  $\epsilon_r = 46.5$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

**DASY4 Configuration:**

- Probe: EX3DV4 - SN3955; ConvF(3.91, 3.91, 3.91); Calibrated: 2016/11/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Area Scan (101x201x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.246 mW/g

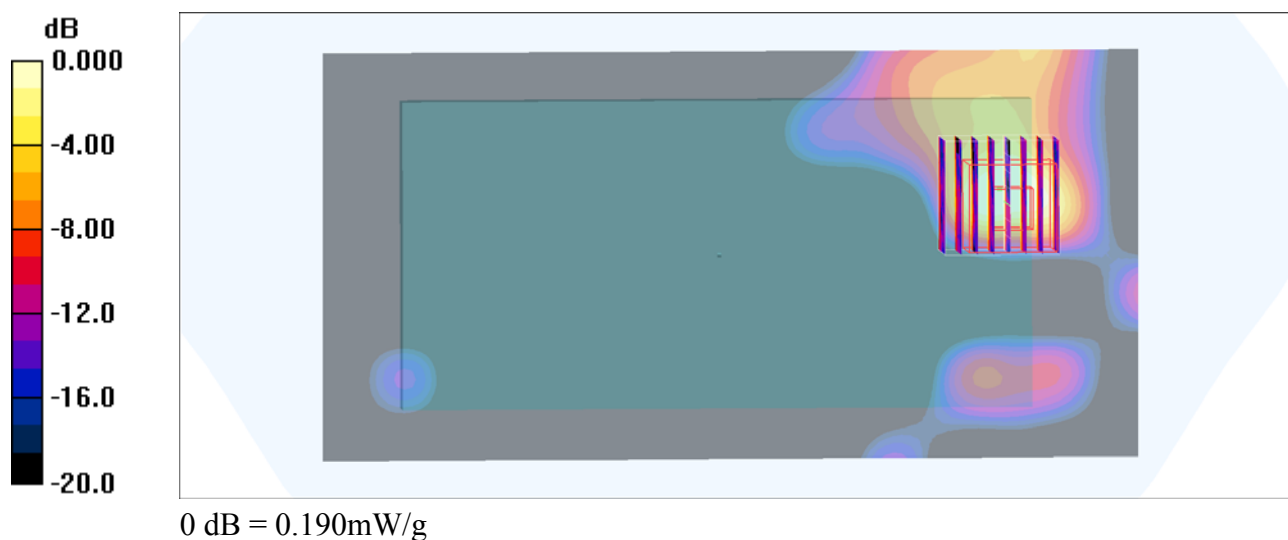
**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.86 V/m; Power Drift = 0.184 dB

Peak SAR (extrapolated) = 0.309 W/kg

**SAR(1 g) = 0.084 mW/g; SAR(10 g) = 0.033 mW/g**

Maximum value of SAR (measured) = 0.190 mW/g





**#33\_WLAN5GHz\_802.11a 6Mbps\_Back\_15mm\_Ch149**

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1.029

Medium: MSL\_5G\_170530 Medium parameters used:  $f = 5745$  MHz;  $\sigma = 6.04$  mho/m;  $\epsilon_r = 46.1$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

**DASY4 Configuration:**

- Probe: EX3DV4 - SN3955; ConvF(4.12, 4.12, 4.12); Calibrated: 2016/11/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1815
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

**Area Scan (101x201x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.318 mW/g

**Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.43 V/m; Power Drift = 0.109 dB

Peak SAR (extrapolated) = 0.467 W/kg

**SAR(1 g) = 0.111 mW/g; SAR(10 g) = 0.046 mW/g**

Maximum value of SAR (measured) = 0.251 mW/g

