

**#01\_GSM850\_GPRS (4 Tx slots)\_Right Cheek\_Ch251**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:2.08

Medium: HSL\_850\_200729 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.94$  S/m;  $\epsilon_r = 41.599$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(6.41, 6.41, 6.41) @ 848.8 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.102 W/kg

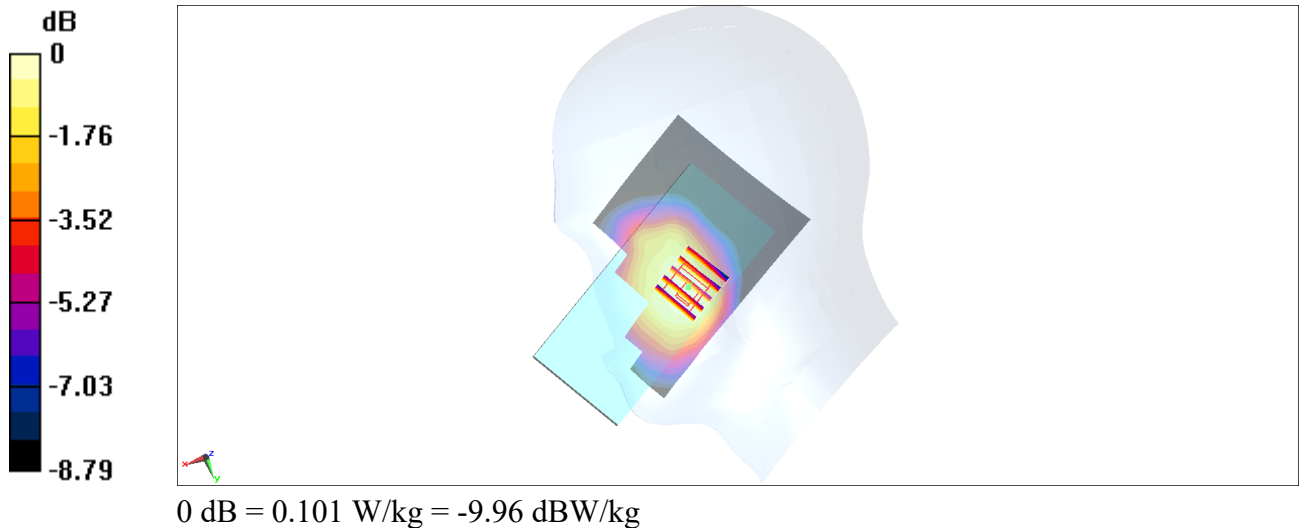
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 10.41 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.118 W/kg

**SAR(1 g) = 0.092 W/kg; SAR(10 g) = 0.071 W/kg**

Maximum value of SAR (measured) = 0.101 W/kg



**#02\_GSM1900\_GPRS (4 Tx slots)\_Right Cheek\_Ch661**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:2.08

Medium: HSL\_1900\_200730 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.39$  S/m;  $\epsilon_r = 40.211$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(7.82, 7.82, 7.82) @ 1880 MHz; Calibrated: 2020/2/4
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2019/11/14
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.0350 W/kg

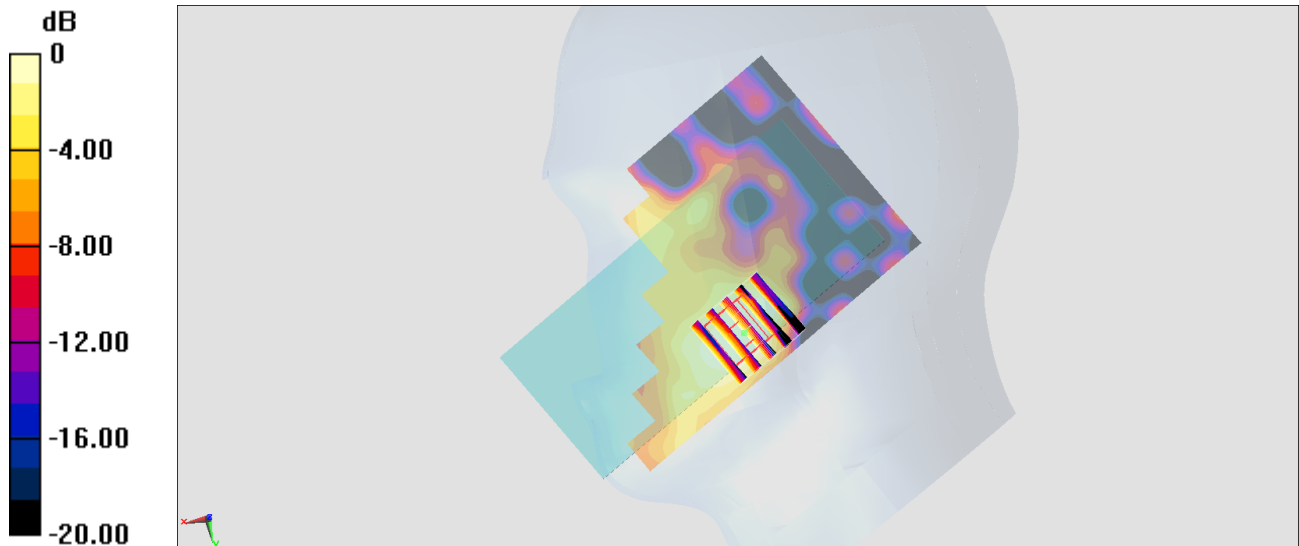
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.050 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.0360 W/kg

**SAR(1 g) = 0.019 W/kg; SAR(10 g) = 0.011 W/kg**

Maximum value of SAR (measured) = 0.0273 W/kg



0 dB = 0.0273 W/kg = -15.64 dBW/kg

**#03\_WCDMA V\_RMC 12.2Kbps\_Left Cheek\_Ch4233**

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: HSL\_850\_200729 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.939$  S/m;  $\epsilon_r = 41.612$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(6.41, 6.41, 6.41) @ 846.6 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.145 W/kg

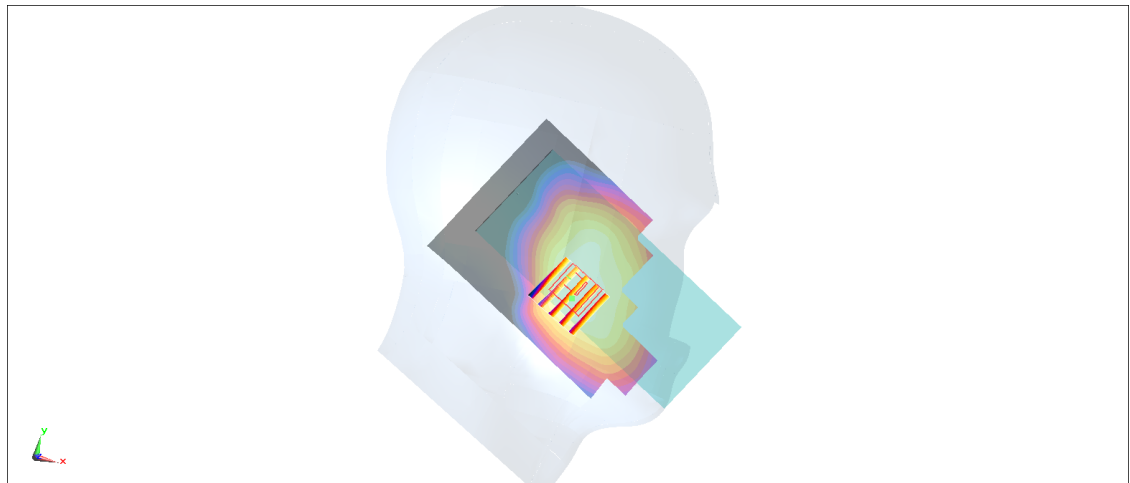
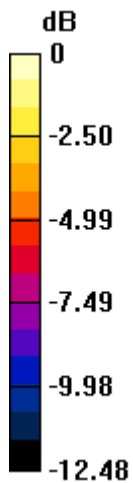
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.56 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.148 W/kg

**SAR(1 g) = 0.125 W/kg; SAR(10 g) = 0.097 W/kg**

Maximum value of SAR (measured) = 0.133 W/kg



0 dB = 0.133 W/kg = -8.76 dBW/kg

**#04\_LTE Band 4\_20M\_QPSK\_1\_0\_Left Cheek\_Ch20175**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL\_1750\_200729 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.348$  S/m;  $\epsilon_r = 39.474$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(8.06, 8.06, 8.06) @ 1732.5 MHz; Calibrated: 2020/2/4
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2020/2/26
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.0721 W/kg

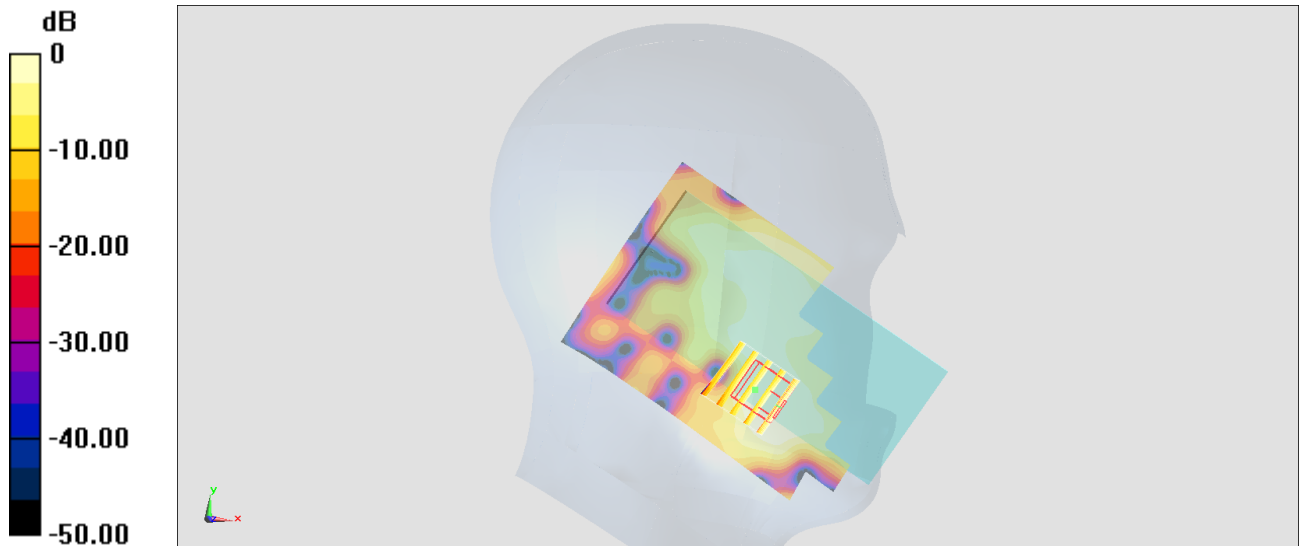
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.920 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.0560 W/kg

**SAR(1 g) = 0.037 W/kg; SAR(10 g) = 0.022 W/kg**

Maximum value of SAR (measured) = 0.0481 W/kg



0 dB = 0.0481 W/kg = -13.18 dBW/kg

**#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\_200729 Medium parameters used :  $f = 836.5$  MHz;  $\sigma = 0.932$  S/m;  $\epsilon_r = 41.689$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(6.41, 6.41, 6.41) @ 836.5 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.169 W/kg

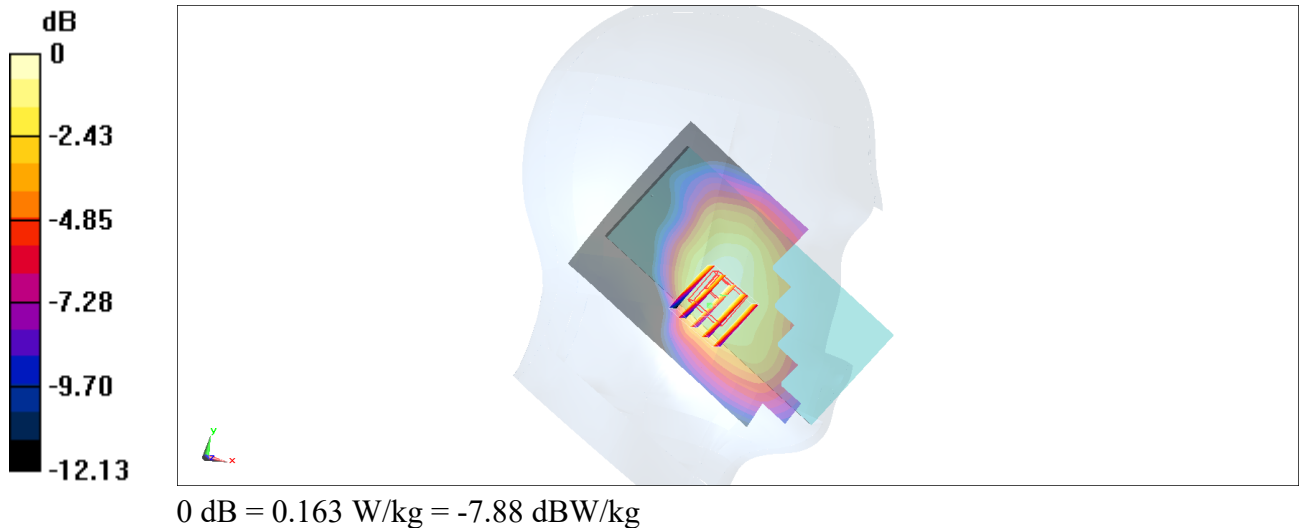
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.11 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.186 W/kg

**SAR(1 g) = 0.151 W/kg; SAR(10 g) = 0.111 W/kg**

Maximum value of SAR (measured) = 0.163 W/kg



**#06\_LTE Band 7\_20M\_QPSK\_1\_99\_Left Cheek\_Ch20850**

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

Medium: HSL\_2600\_200731 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 1.82$  S/m;  $\epsilon_r = 39.134$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3270; ConvF(4.51, 4.51, 4.51) @ 2510 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2020/2/18
- Phantom: SAM\_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0194 W/kg

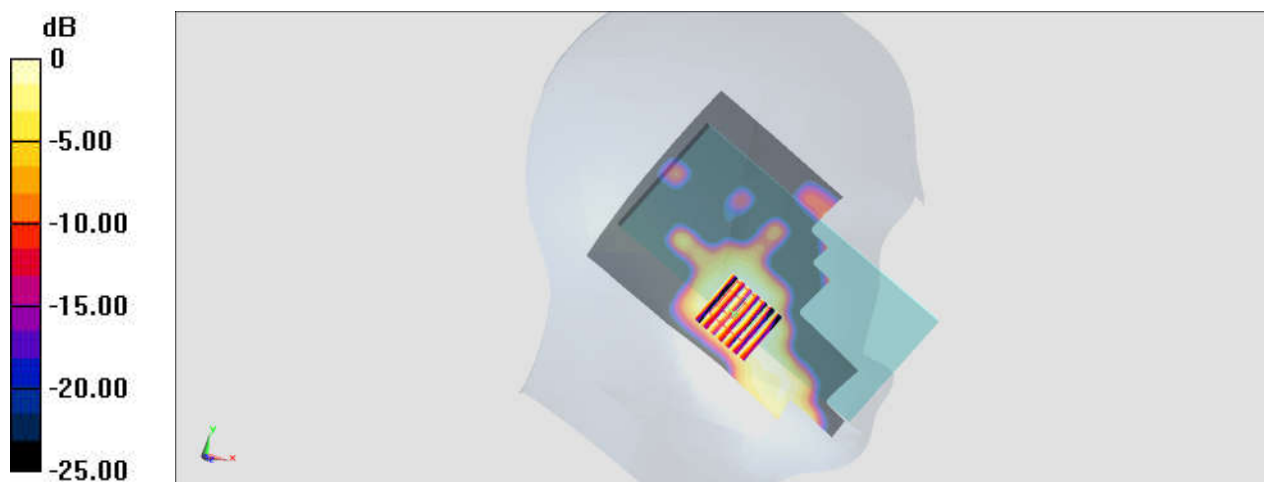
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.706 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.0260 W/kg

**SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.00657 W/kg**

Maximum value of SAR (measured) = 0.0170 W/kg



0 dB = 0.0170 W/kg = -17.70 dBW/kg

**#07\_LTE Band 12\_10M\_QPSK\_1\_0\_Left Cheek\_Ch23095**

Communication System: LTE ; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: HSL\_750\_200728 Medium parameters used :  $f = 707.5$  MHz;  $\sigma = 0.886$  S/m;  $\epsilon_r = 41.885$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3184; ConvF(6.61, 6.61, 6.61) @ 707.5 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.154 W/kg

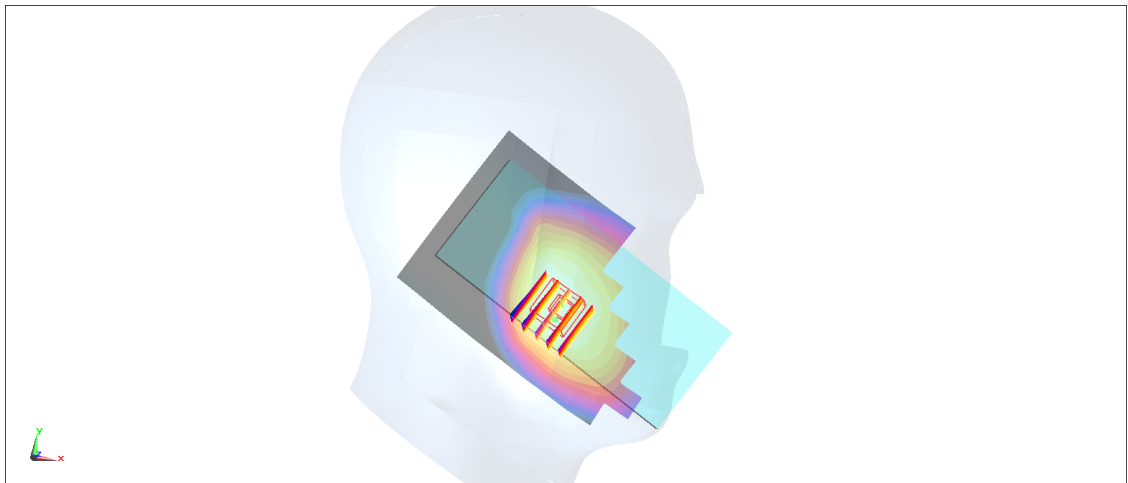
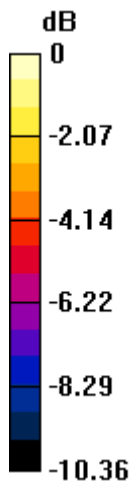
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 12.96 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.168 W/kg

**SAR(1 g) = 0.140 W/kg; SAR(10 g) = 0.109 W/kg**

Maximum value of SAR (measured) = 0.152 W/kg



0 dB = 0.152 W/kg = -8.18 dBW/kg

**#08\_LTE Band 13\_10M\_QPSK\_1\_49\_Left Cheek\_Ch23230**

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: HSL\_750\_200728 Medium parameters used:  $f = 782$  MHz;  $\sigma = 0.911$  S/m;  $\epsilon_r = 41.621$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3184; ConvF(6.61, 6.61, 6.61) @ 782 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

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

Maximum value of SAR (interpolated) = 0.190 W/kg

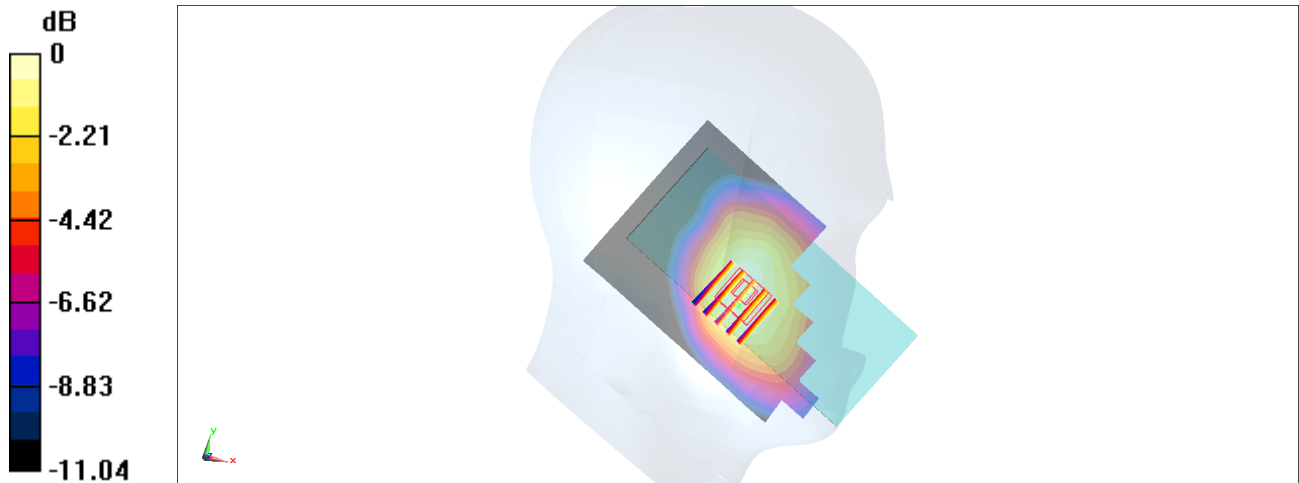
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.76 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.214 W/kg

**SAR(1 g) = 0.176 W/kg; SAR(10 g) = 0.134 W/kg**

Maximum value of SAR (measured) = 0.192 W/kg



0 dB = 0.192 W/kg = -7.17 dBW/kg

**#09\_LTE Band 41\_20M\_QPSK\_1\_0\_Left Cheek\_Ch41055**

Communication System: LTE ; Frequency: 2636.5 MHz;Duty Cycle: 1:1.59

Medium: HSL\_2600\_200730 Medium parameters used:  $f = 2636.5$  MHz;  $\sigma = 2.061$  S/m;  $\epsilon_r = 38.071$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3184; ConvF(4.49, 4.49, 4.49) @ 2636.5 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.00566 W/kg

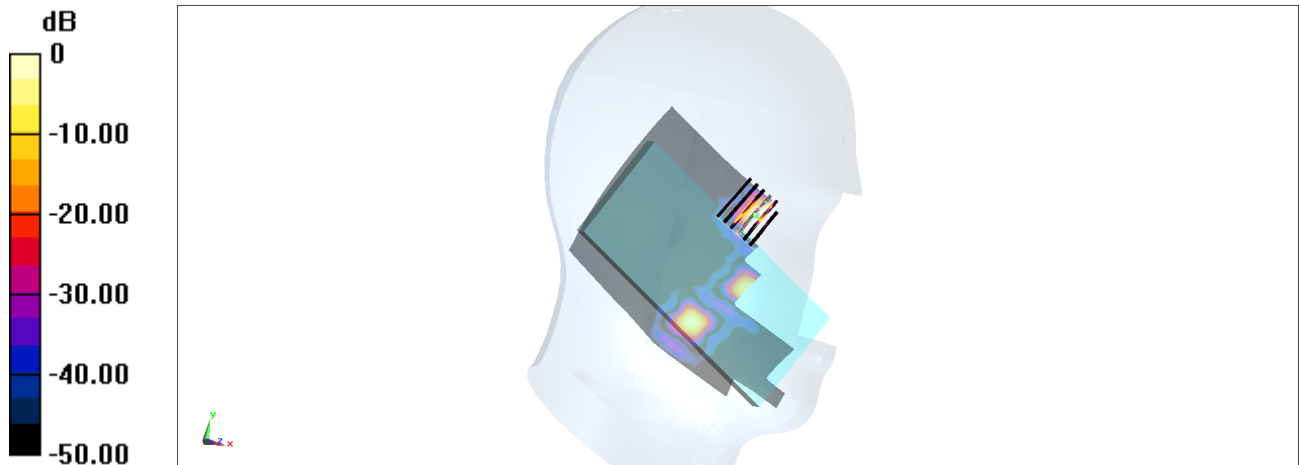
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.4740 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0 W/kg

**SAR(1 g) = 0.001 W/kg ; SAR(10 g) = 0.001 W/kg**

Maximum value of SAR (measured) = 0.00572 W/kg



0 dB = 0.00572 W/kg = -22.43 dBW/kg

**#10\_WLAN2.4GHz\_802.11b 1Mbps\_Right Cheek\_Ch6**

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

Medium: HSL\_2450\_200731 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.831$  S/m;  $\epsilon_r = 38.949$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C ; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(4.69, 4.69, 4.69) @ 2437 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.863 W/kg

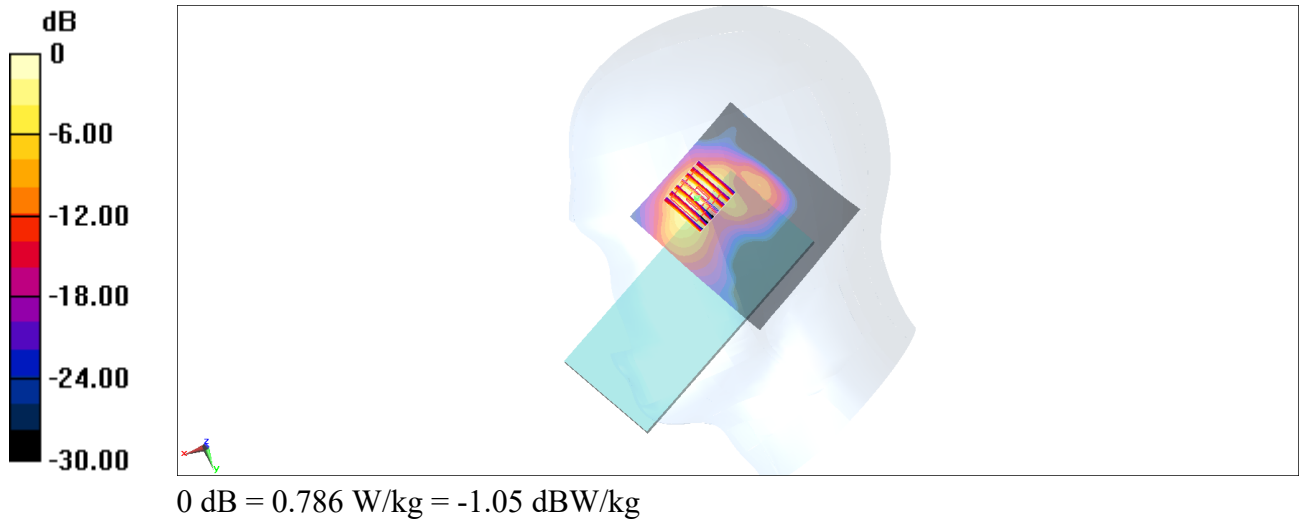
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.739 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.40 W/kg

**SAR(1 g) = 0.547 W/kg; SAR(10 g) = 0.206 W/kg**

Maximum value of SAR (measured) = 0.786 W/kg



**#11\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Right Cheek\_Ch58**

Communication System: 802.11ac ; Frequency: 5290 MHz;Duty Cycle: 1:1

Medium: HSL\_5G\_200729 Medium parameters used :  $f = 5290$  MHz;  $\sigma = 4.662$  S/m;  $\epsilon_r = 36.55$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3642; ConvF(4.43, 4.43, 4.43) @ 5290 MHz; Calibrated: 2020/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM\_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.596 W/kg

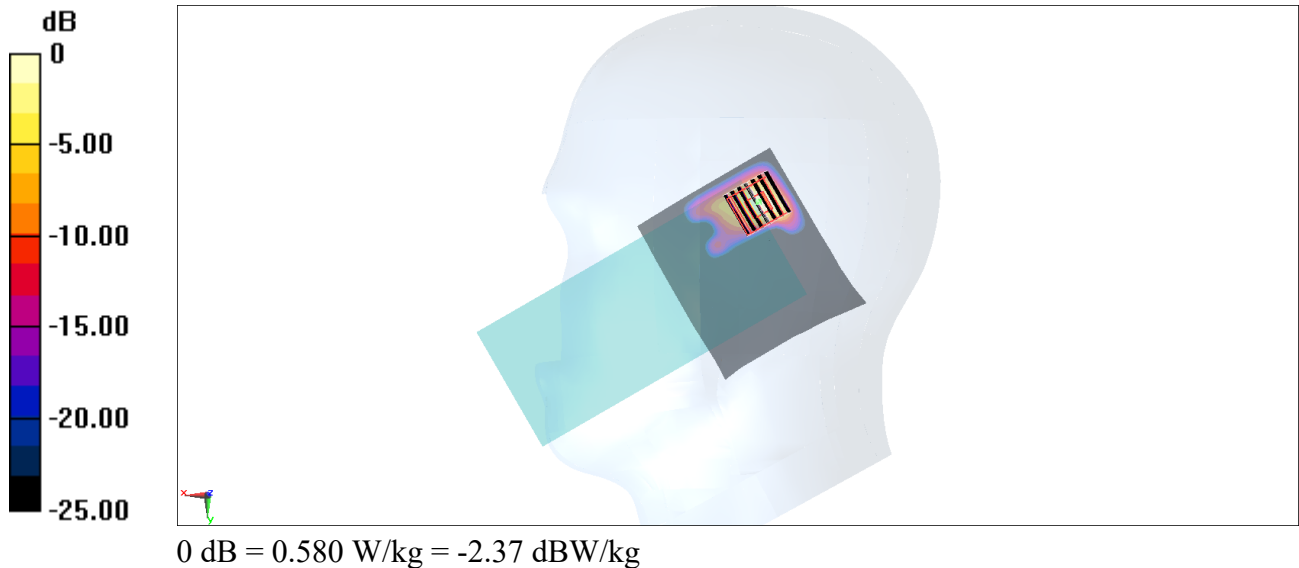
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.924 W/kg

**SAR(1 g) = 0.203 W/kg; SAR(10 g) = 0.048 W/kg**

Maximum value of SAR (measured) = 0.580 W/kg



**#12\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Right Cheek\_Ch106**

Communication System: 802.11ac ; Frequency: 5530 MHz;Duty Cycle: 1:1

Medium: HSL\_5G\_200729 Medium parameters used:  $f = 5530$  MHz;  $\sigma = 4.921$  S/m;  $\epsilon_r = 36.256$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3642; ConvF(4.19, 4.19, 4.19) @ 5530 MHz; Calibrated: 2020/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM\_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x81x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.366 W/kg

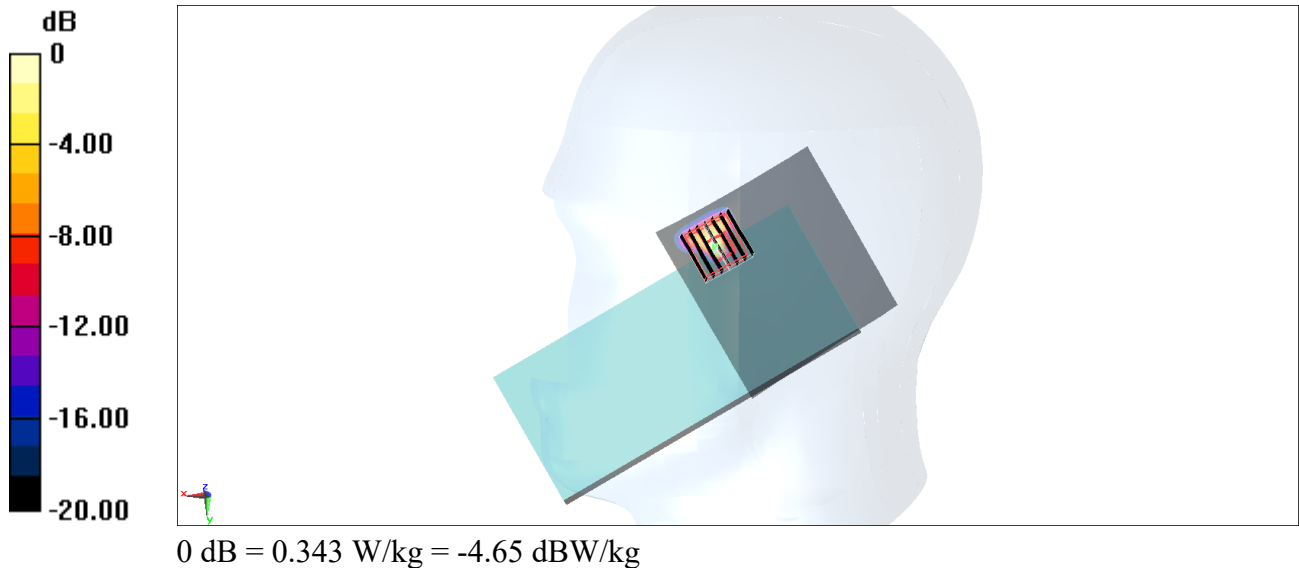
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

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

Peak SAR (extrapolated) = 0.590 W/kg

**SAR(1 g) = 0.107 W/kg; SAR(10 g) = 0.023 W/kg**

Maximum value of SAR (measured) = 0.343 W/kg



**#13\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Right Cheek\_Ch155**

Communication System: 802.11ac ; Frequency: 5775 MHz;Duty Cycle: 1:1

Medium: HSL\_5G\_200729 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.167$  S/m;  $\epsilon_r = 35.852$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3642; ConvF(4.17, 4.17, 4.17) @ 5775 MHz; Calibrated: 2020/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM\_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.722 W/kg

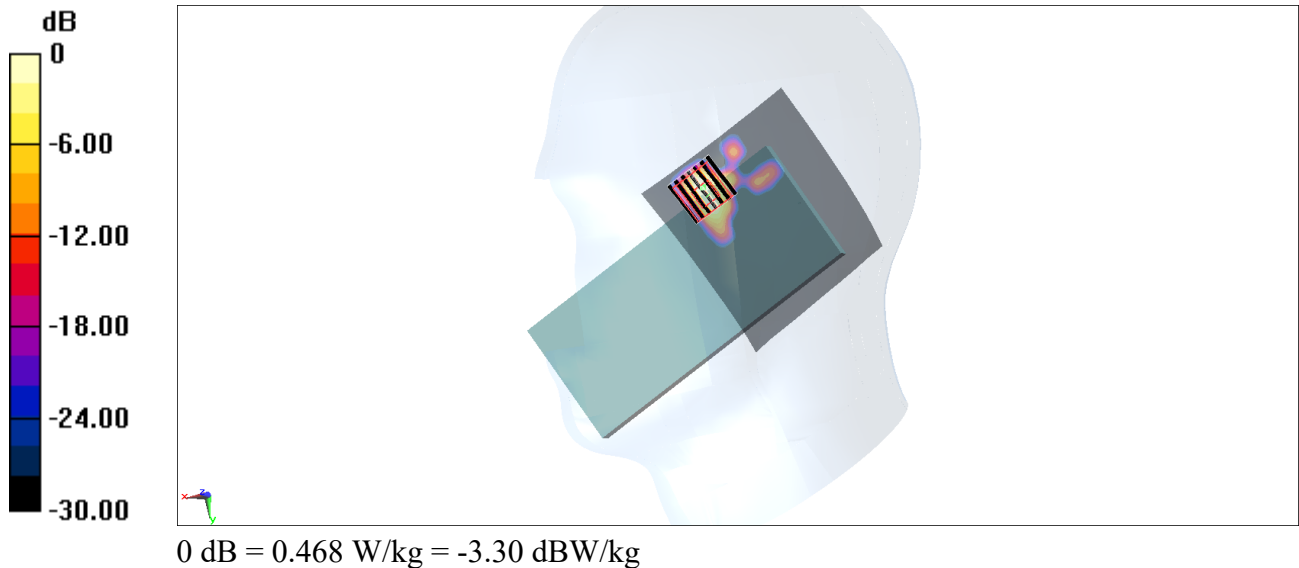
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.786 W/kg

**SAR(1 g) = 0.146 W/kg; SAR(10 g) = 0.033 W/kg**

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



## #14\_Bluetooth\_1Mbps\_Right Cheek\_Ch78

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1.297

Medium: HSL\_2450\_200731 Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.883$  S/m;  $\epsilon_r = 38.769$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(4.69, 4.69, 4.69) @ 2480 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.516 W/kg

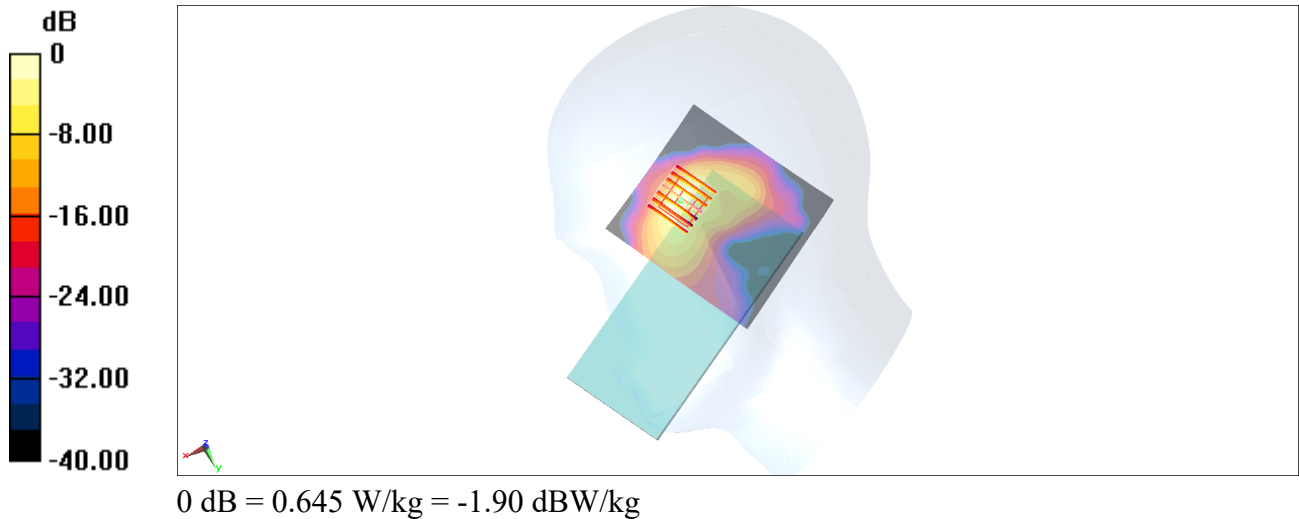
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.157 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 1.15 W/kg

**SAR(1 g) = 0.444 W/kg; SAR(10 g) = 0.166 W/kg**

Maximum value of SAR (measured) = 0.645 W/kg



**#15\_GSM850\_GPRS (4 Tx slots)\_Right Side\_10mm\_Ch251**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:2.08

Medium: HSL\_850\_200729 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.94$  S/m;  $\epsilon_r = 41.599$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(6.41, 6.41, 6.41) @ 848.8 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (41x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

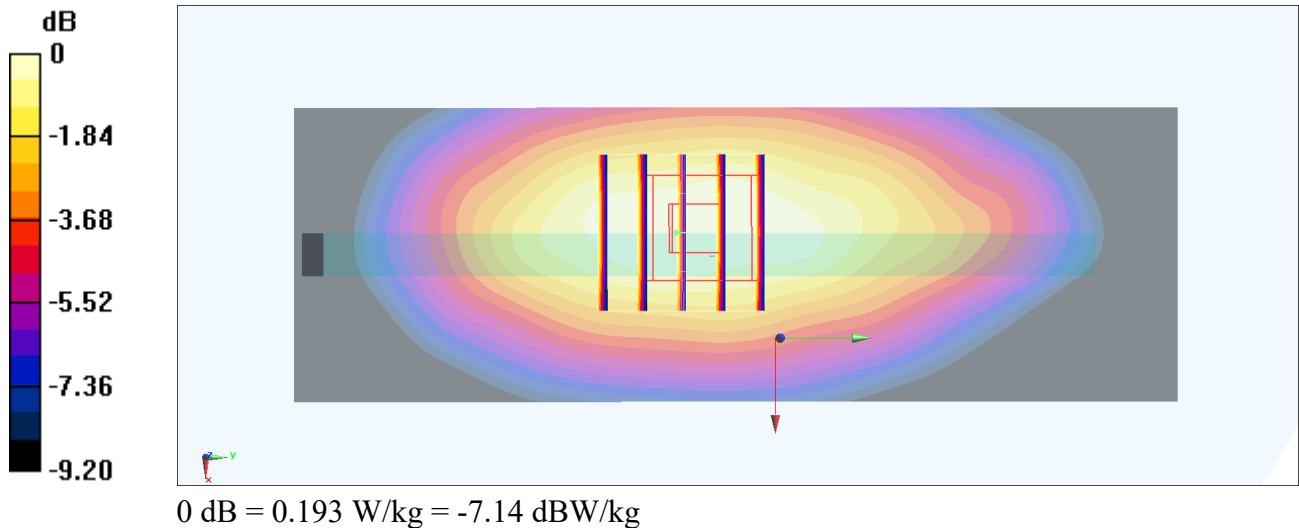
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.30 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.219 W/kg

**SAR(1 g) = 0.172 W/kg; SAR(10 g) = 0.122 W/kg**

Maximum value of SAR (measured) = 0.193 W/kg



**#16\_GSM1900\_GPRS (4 Tx slots)\_Bottom Side\_10mm\_Ch661**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:2.08

Medium: HSL\_1900\_200730 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.39$  S/m;  $\epsilon_r = 40.211$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(7.82, 7.82, 7.82) @ 1880 MHz; Calibrated: 2020/2/4
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2019/11/14
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (41x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.348 W/kg

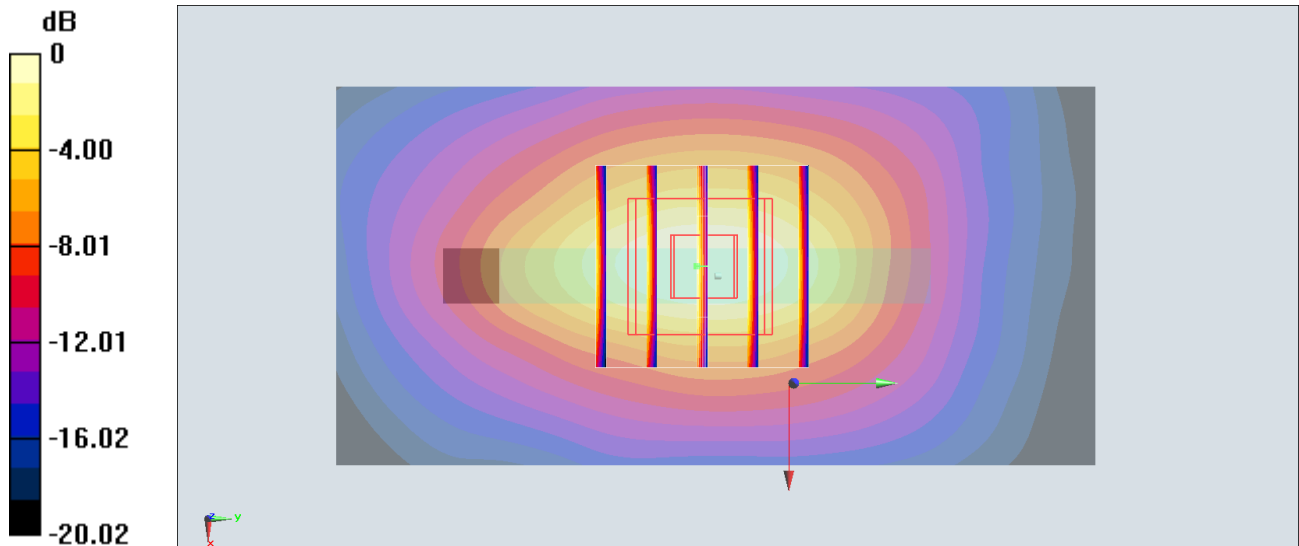
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.91 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.390 W/kg

**SAR(1 g) = 0.228 W/kg; SAR(10 g) = 0.121 W/kg**

Maximum value of SAR (measured) = 0.335 W/kg



0 dB = 0.335 W/kg = -4.75 dBW/kg

**#17\_WCDMA V\_RMC 12.2Kbps\_\_Right Side\_10mm\_Ch4233**

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: HSL\_850\_200729 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.939$  S/m;  $\epsilon_r = 41.612$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(6.41, 6.41, 6.41) @ 846.6 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (41x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.220 W/kg

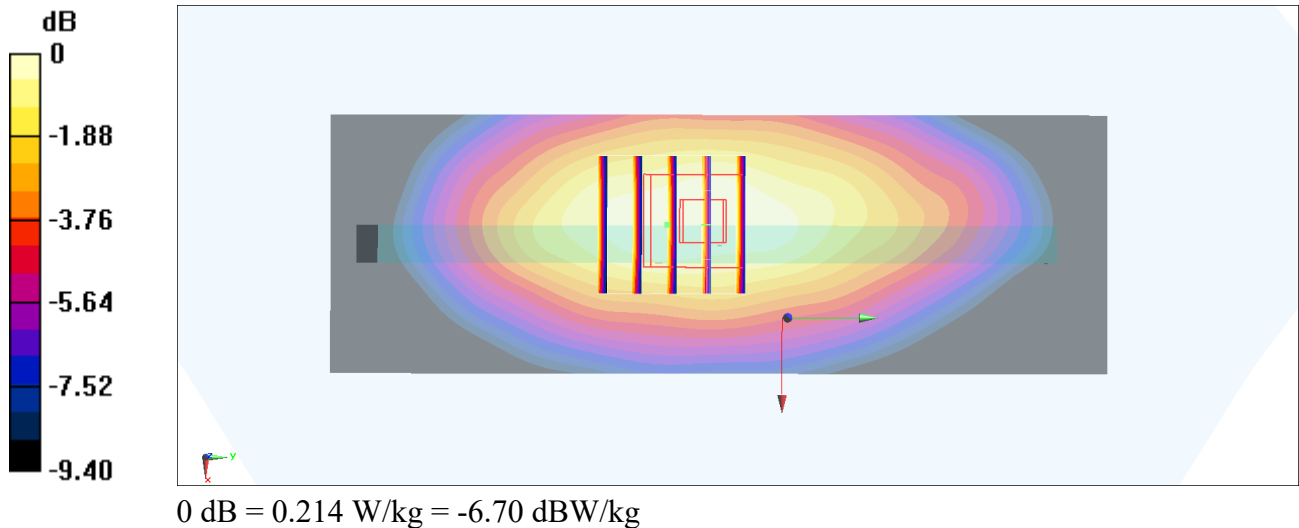
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.22 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.237 W/kg

**SAR(1 g) = 0.191 W/kg; SAR(10 g) = 0.136 W/kg**

Maximum value of SAR (measured) = 0.214 W/kg



**#18\_LTE Band 4\_20M\_QPSK\_50\_0\_Bottom Side\_10mm\_Ch20175**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL\_1750\_200729 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.348$  S/m;  $\epsilon_r = 39.474$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(8.06, 8.06, 8.06) @ 1732.5 MHz; Calibrated: 2020/2/4
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2020/2/26
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (51x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.604 W/kg

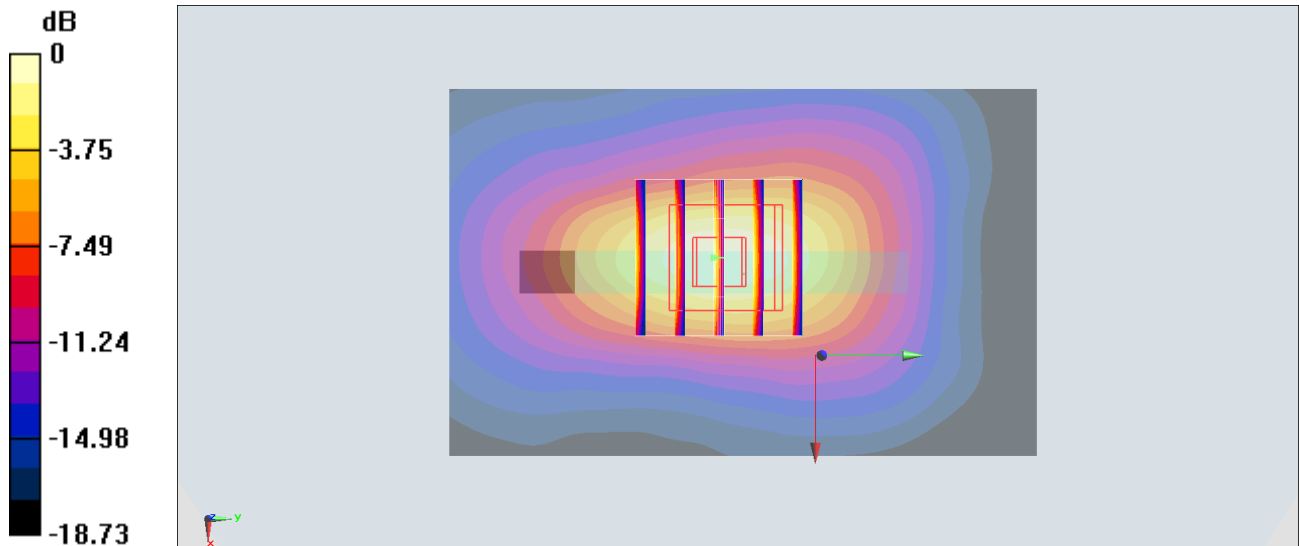
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.47 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.680 W/kg

**SAR(1 g) = 0.403 W/kg; SAR(10 g) = 0.215 W/kg**

Maximum value of SAR (measured) = 0.590 W/kg



0 dB = 0.590 W/kg = -2.29 dBW/kg

**#19\_LTE Band 5\_10M\_QPSK\_1\_0\_Right Side\_10mm\_Ch20525**

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

Medium: HSL\_850\_200729 Medium parameters used :  $f = 836.5$  MHz;  $\sigma = 0.932$  S/m;  $\epsilon_r = 41.689$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(6.41, 6.41, 6.41) @ 836.5 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (41x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.222 W/kg

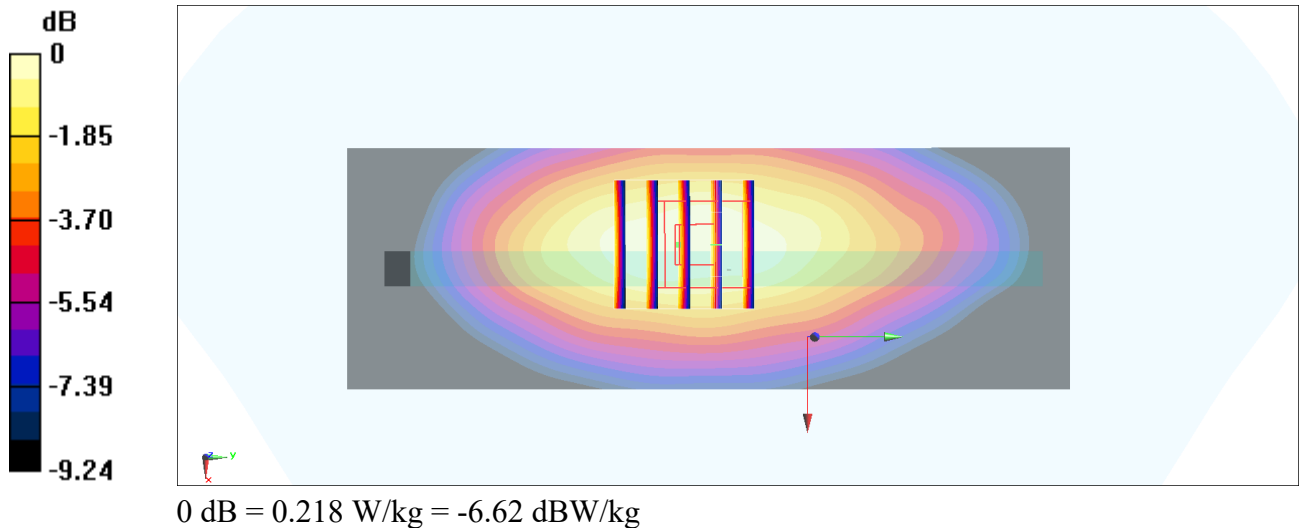
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.04 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.246 W/kg

**SAR(1 g) = 0.193 W/kg; SAR(10 g) = 0.137 W/kg**

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



**#20\_LTE Band 7\_20M\_QPSK\_1\_99\_Bottom Side\_10mm\_Ch20850**

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

Medium: HSL\_2600\_200731 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 1.82$  S/m;  $\epsilon_r = 39.134$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.51, 4.51, 4.51) @ 2510 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2020/2/18
- Phantom: SAM\_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (51x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.255 W/kg

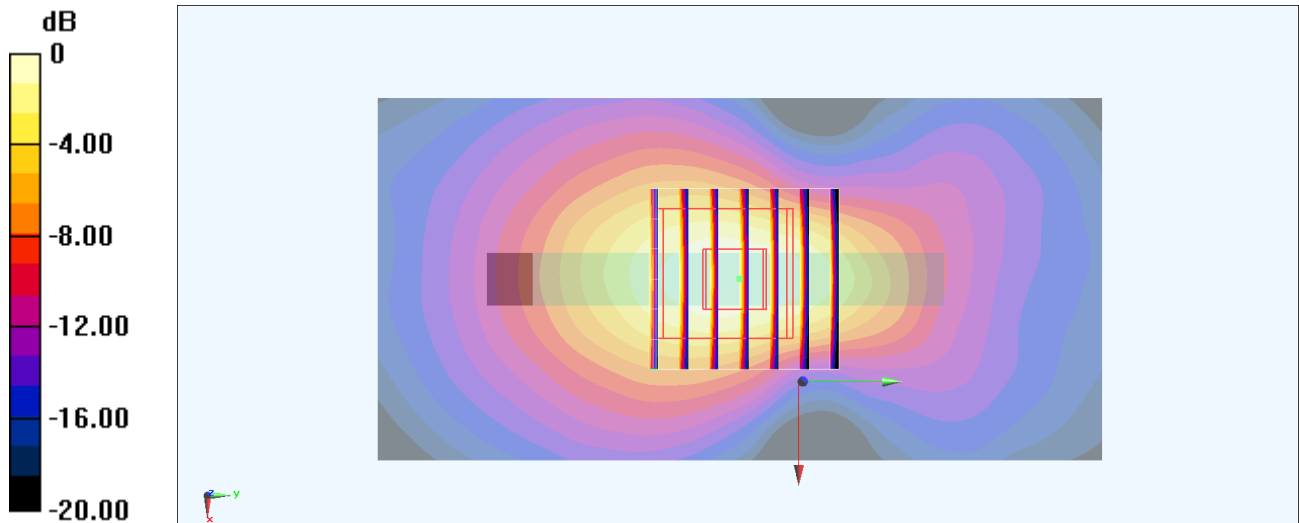
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.627 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.341 W/kg

**SAR(1 g) = 0.179 W/kg; SAR(10 g) = 0.088 W/kg**

Maximum value of SAR (measured) = 0.232 W/kg



**#21\_LTE Band 12\_10M\_QPSK\_1\_0\_Back\_10mm\_Ch23095**

Communication System: LTE ; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: HSL\_750\_200730 Medium parameters used:  $f = 707.5$  MHz;  $\sigma = 0.894$  S/m;  $\epsilon_r = 41.999$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(6.61, 6.61, 6.61) @ 707.5 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.203 W/kg

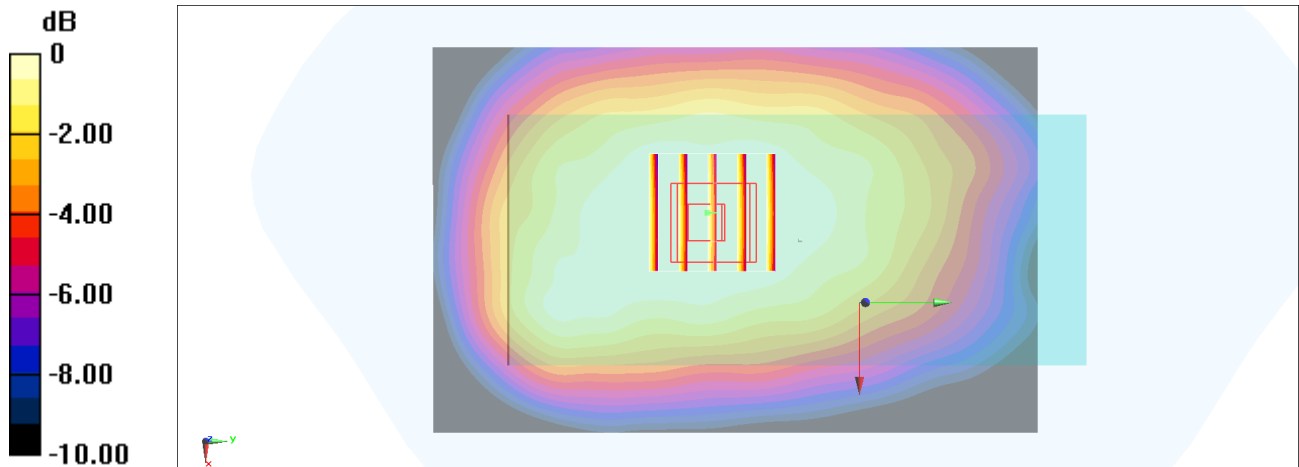
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.52 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.195 W/kg

**SAR(1 g) = 0.176 W/kg; SAR(10 g) = 0.142 W/kg**

Maximum value of SAR (measured) = 0.187 W/kg



0 dB = 0.187 W/kg = -7.28 dBW/kg

**#22\_LTE Band 13\_10M\_QPSK\_1\_49\_Left Side\_10mm\_Ch23230**

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: HSL\_750\_200730 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.92 \text{ S/m}$ ;  $\epsilon_r = 41.735$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.6^\circ\text{C}$ ; Liquid Temperature :  $22.6^\circ\text{C}$

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(6.61, 6.61, 6.61) @ 782 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (41x121x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.250 \text{ W/kg}$

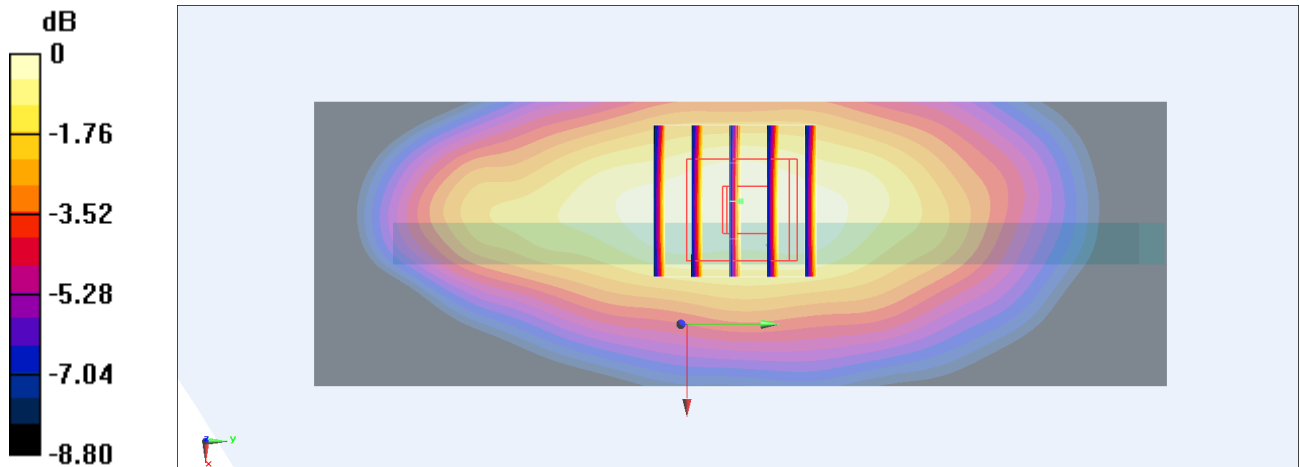
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $15.86 \text{ V/m}$ ; Power Drift =  $-0.07 \text{ dB}$

Peak SAR (extrapolated) =  $0.276 \text{ W/kg}$

**SAR(1 g) =  $0.216 \text{ W/kg}$ ; SAR(10 g) =  $0.154 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.243 \text{ W/kg}$



0 dB =  $0.243 \text{ W/kg}$  =  $-6.14 \text{ dBW/kg}$

**#23\_LTE Band 41\_20M\_QPSK\_1\_0\_Bottom Side\_10mm\_Ch41055**

Communication System: LTE; Frequency: 2636.5 MHz; Duty Cycle: 1:1.59

Medium: HSL\_2600\_200731 Medium parameters used :  $f = 2636.5$  MHz;  $\sigma = 1.921$  S/m;  $\epsilon_r = 38.962$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3270; ConvF(4.51, 4.51, 4.51) @ 2636.5 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2020/2/18
- Phantom: SAM\_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (51x101x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

Maximum value of SAR (interpolated) = 0.0589 W/kg

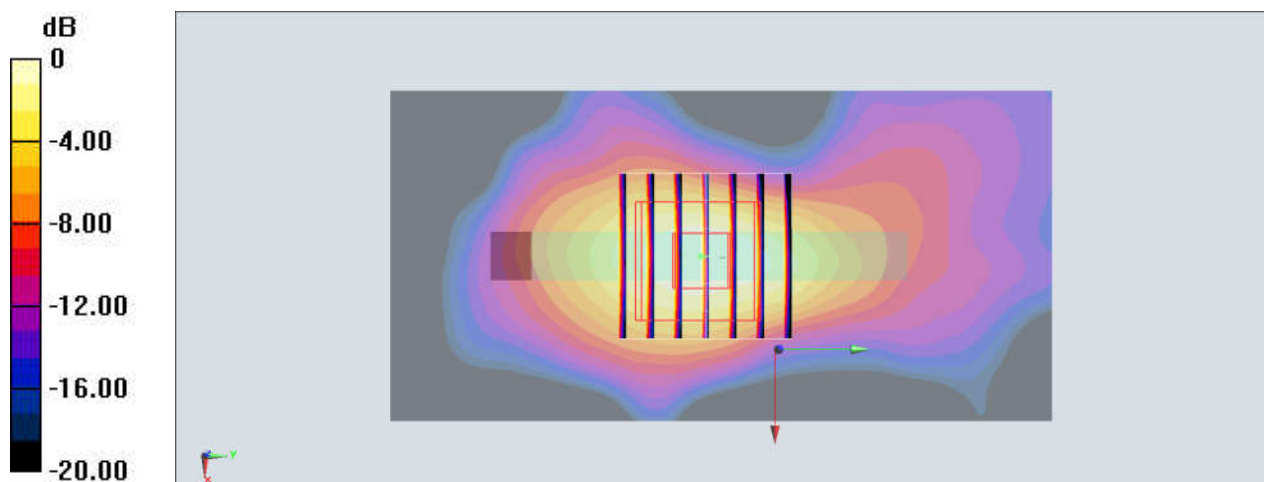
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 4.751 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.0820 W/kg

**SAR(1 g) = 0.043 W/kg; SAR(10 g) = 0.020 W/kg**

Maximum value of SAR (measured) = 0.0559 W/kg



0 dB = 0.0559 W/kg = -12.53 dBW/kg

**#24\_WLAN2.4GHz\_802.11b 1Mbps\_Left Side\_Ch6**

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

Medium: HSL\_2450\_200731 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.831$  S/m;  $\epsilon_r = 38.949$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C ; Liquid Temperature : 22.1 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3184; ConvF(4.69, 4.69, 4.69) @ 2437 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (51x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.261 W/kg

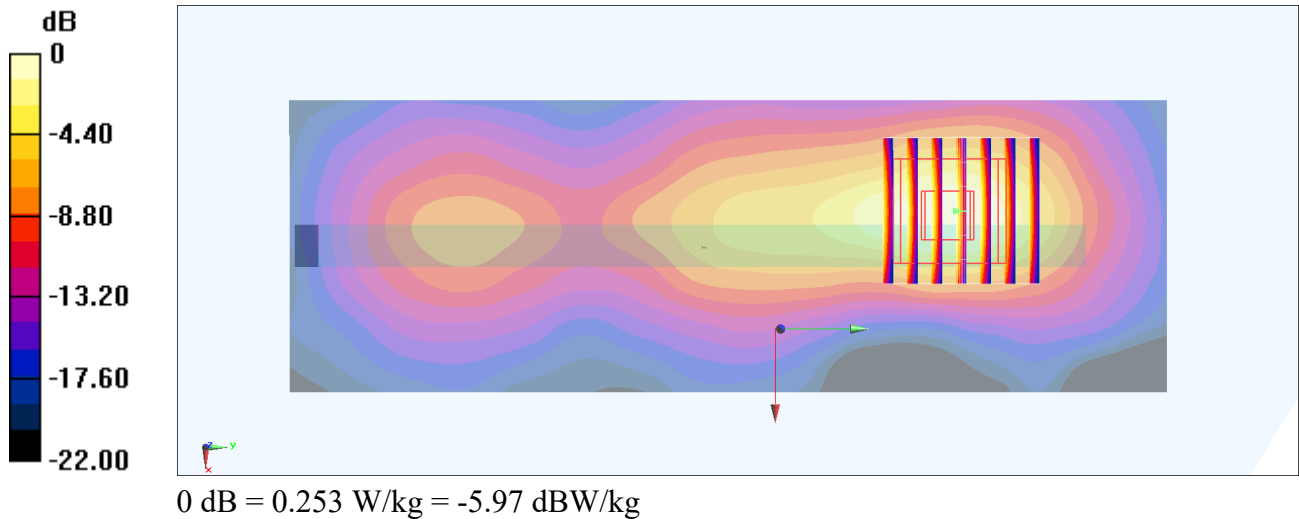
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.833 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.339 W/kg

**SAR(1 g) = 0.200 W/kg; SAR(10 g) = 0.096 W/kg**

Maximum value of SAR (measured) = 0.253 W/kg



**#25\_Bluetooth\_1Mbps\_Back\_10mm\_Ch78**

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1.297

Medium: HSL\_2450\_200731 Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.883$  S/m;  $\epsilon_r = 38.769$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(4.69, 4.69, 4.69) @ 2480 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.221 W/kg

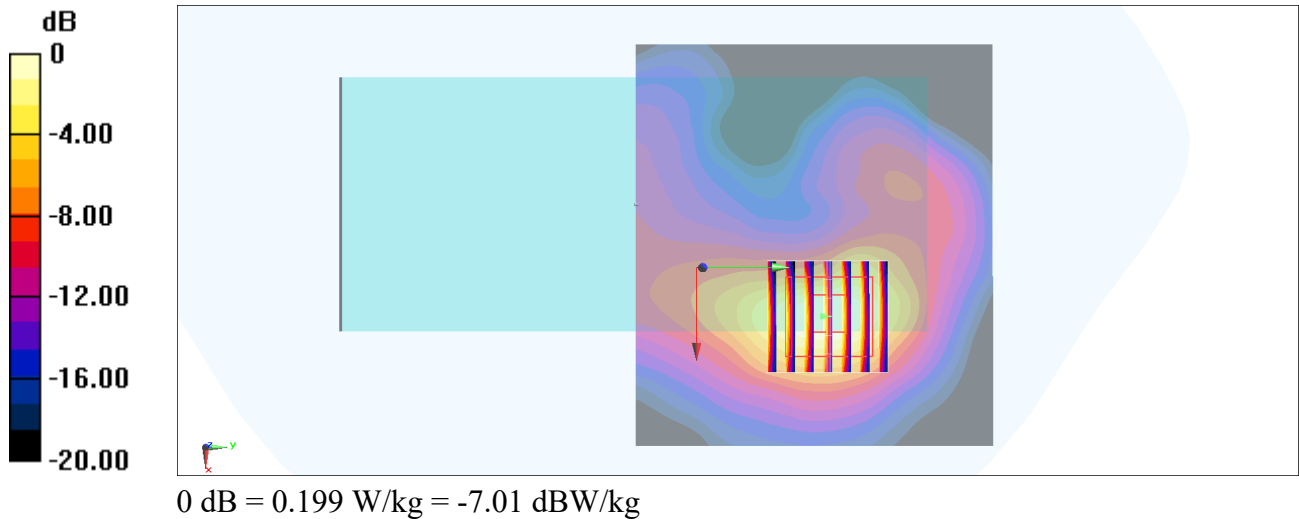
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.127 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.266 W/kg

**SAR(1 g) = 0.155 W/kg; SAR(10 g) = 0.075 W/kg**

Maximum value of SAR (measured) = 0.199 W/kg



**#26\_GSM850\_GPRS (4 Tx slots)\_Back\_15mm\_Ch251**

Communication System: GSM850; Frequency: 848.8 MHz; Duty Cycle: 1:2.08

Medium: HSL\_850\_200729 Medium parameters used:  $f = 849$  MHz;  $\sigma = 0.94$  S/m;  $\epsilon_r = 41.599$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(6.41, 6.41, 6.41) @ 848.8 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.156 W/kg

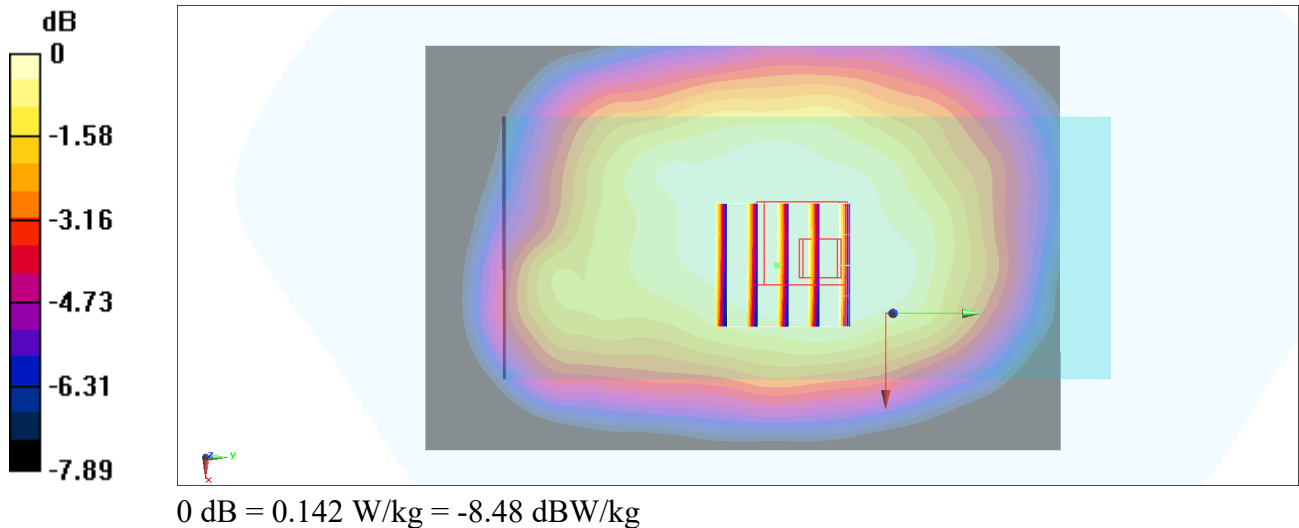
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.01 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.151 W/kg

**SAR(1 g) = 0.131 W/kg; SAR(10 g) = 0.104 W/kg**

Maximum value of SAR (measured) = 0.142 W/kg



**#27\_GSM1900\_GPRS (4 Tx slots)\_Front\_15mm\_Ch661**

Communication System: PCS; Frequency: 1880 MHz; Duty Cycle: 1:2.08

Medium: HSL\_1900\_200730 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.39$  S/m;  $\epsilon_r = 40.211$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(7.82, 7.82, 7.82) @ 1880 MHz; Calibrated: 2020/2/4
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2019/11/14
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.109 W/kg

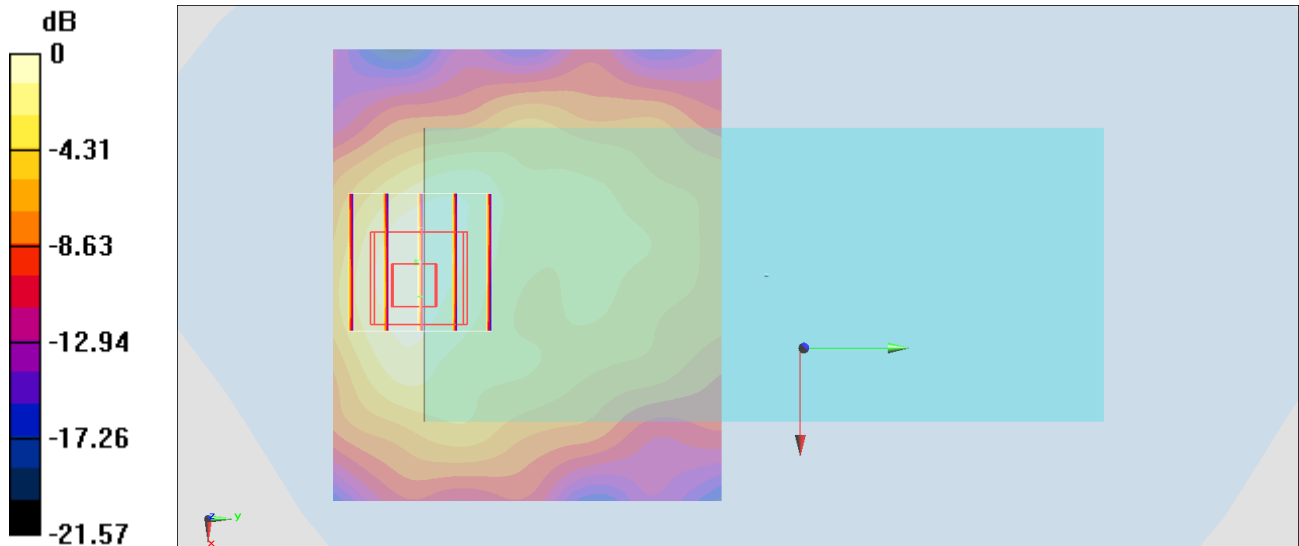
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.525 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.129 W/kg

**SAR(1 g) = 0.078 W/kg; SAR(10 g) = 0.045 W/kg**

Maximum value of SAR (measured) = 0.108 W/kg



0 dB = 0.108 W/kg = -9.67 dBW/kg

**#28\_WCDMA V\_RMC 12.2Kbps\_Back\_15mm\_Ch4233**

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: HSL\_850\_200729 Medium parameters used:  $f = 847$  MHz;  $\sigma = 0.939$  S/m;  $\epsilon_r = 41.612$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(6.41, 6.41, 6.41) @ 846.6 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.171 W/kg

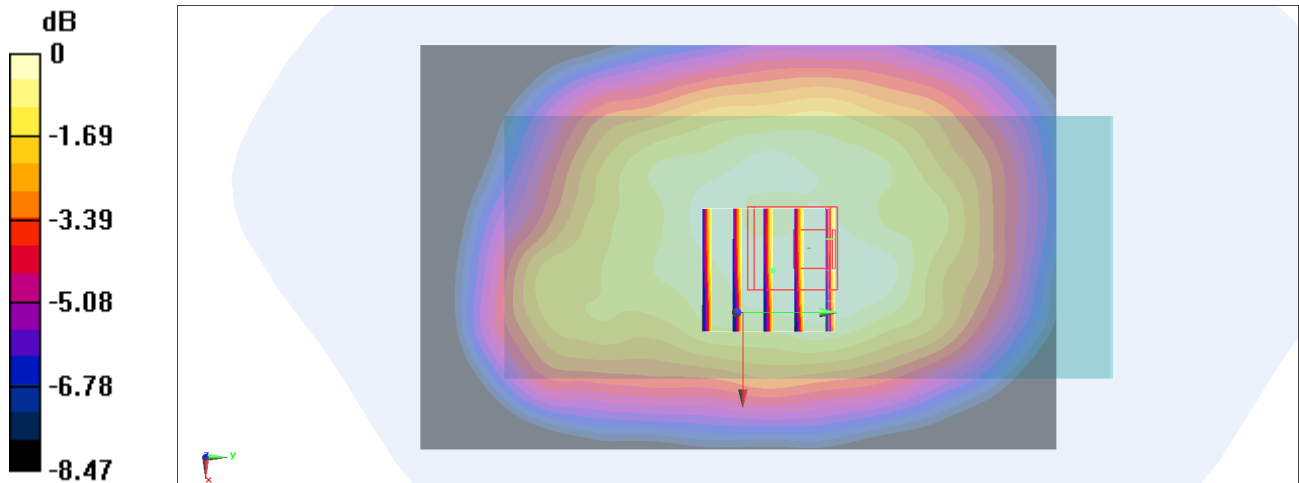
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.44 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.183 W/kg

**SAR(1 g) = 0.159 W/kg; SAR(10 g) = 0.124 W/kg**

Maximum value of SAR (measured) = 0.169 W/kg



0 dB = 0.169 W/kg = -7.72 dBW/kg

**#29\_LTE Band 4\_20M\_QPSK\_50\_0\_Back\_15mm\_Ch20175**

Communication System: LTE; Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: HSL\_1750\_200729 Medium parameters used:  $f = 1733$  MHz;  $\sigma = 1.348$  S/m;  $\epsilon_r = 39.474$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3728; ConvF(8.06, 8.06, 8.06) @ 1732.5 MHz; Calibrated: 2020/2/4
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2020/2/26
- Phantom: SAM-Middle; Type: SAM; Serial: TP-1503
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

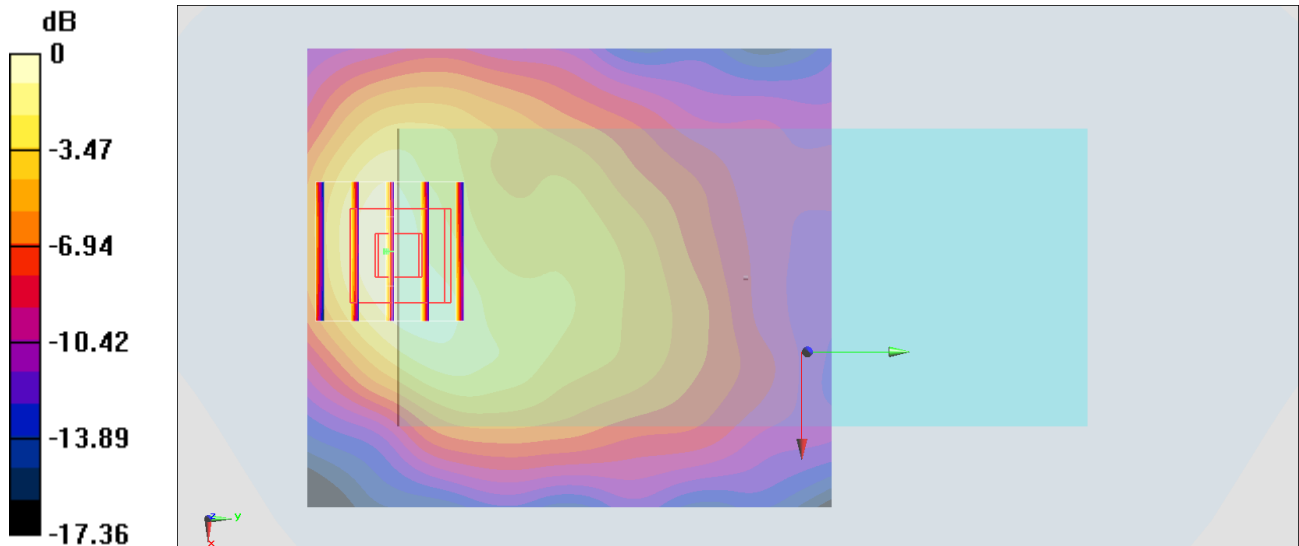
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.35 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.251 W/kg

**SAR(1 g) = 0.160 W/kg; SAR(10 g) = 0.095 W/kg**

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



0 dB = 0.216 W/kg = -6.66 dBW/kg

**#30\_LTE Band 5\_10M\_QPSK\_1\_0\_Front\_15mm\_Ch20525**

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

Medium: HSL\_850\_200729 Medium parameters used:  $f = 836.5$  MHz;  $\sigma = 0.932$  S/m;  $\epsilon_r = 41.689$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(6.41, 6.41, 6.41) @ 836.5 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (61x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.162 W/kg

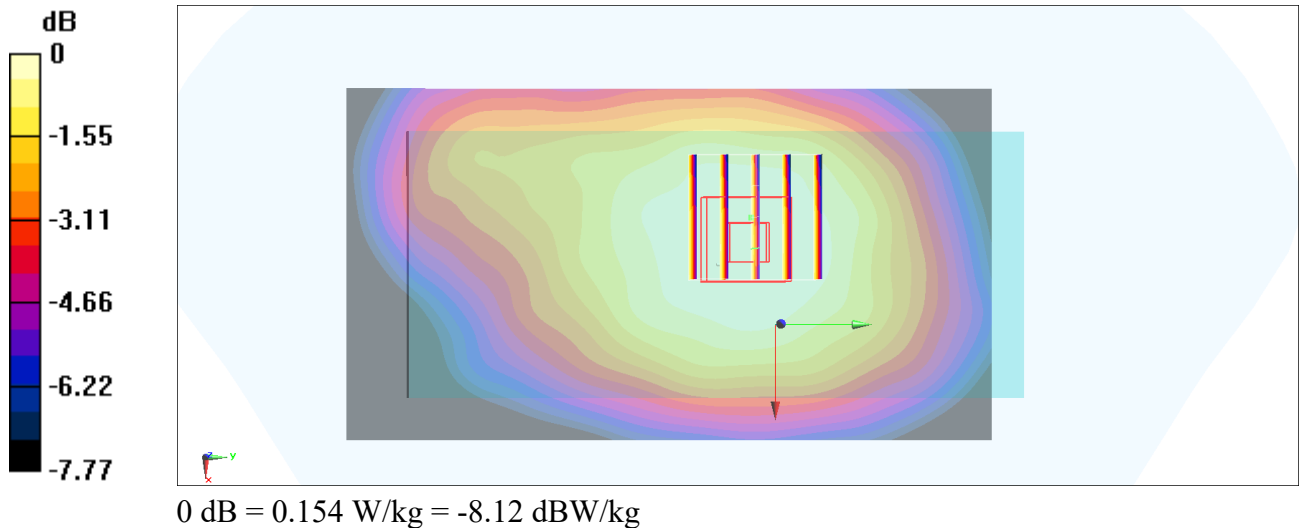
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.02 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.163 W/kg

**SAR(1 g) = 0.144 W/kg; SAR(10 g) = 0.115 W/kg**

Maximum value of SAR (measured) = 0.154 W/kg



**#31\_LTE Band 7\_20M\_QPSK\_50\_50\_Back\_15mm\_Ch20850**

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

Medium: HSL\_2600\_200731 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 1.82$  S/m;  $\epsilon_r = 39.134$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3270; ConvF(4.51, 4.51, 4.51) @ 2510 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2020/2/18
- Phantom: SAM\_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x91x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0659 W/kg

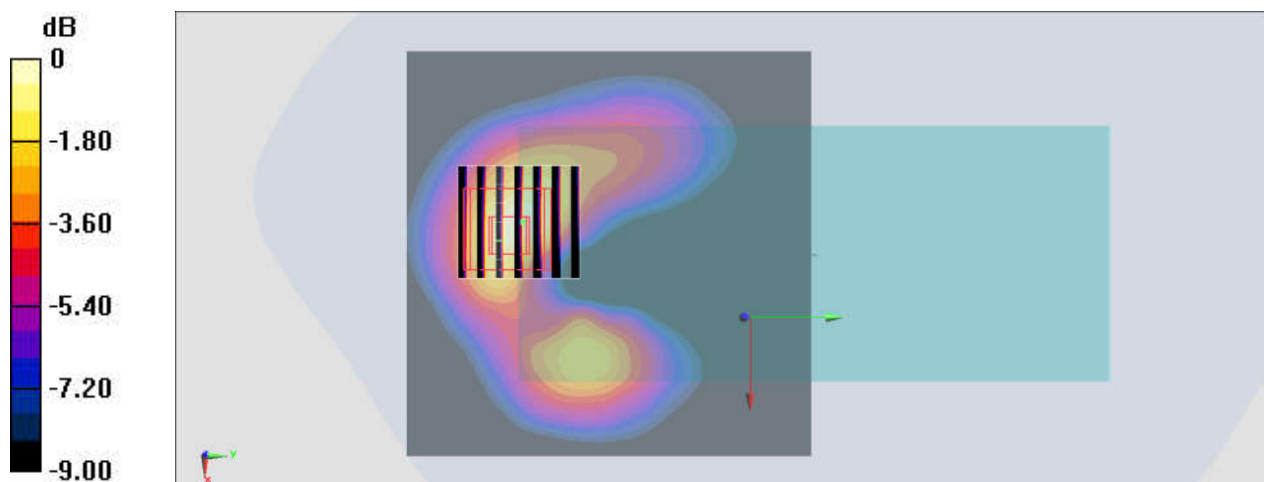
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.310 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.101 W/kg

**SAR(1 g) = 0.054 W/kg; SAR(10 g) = 0.028 W/kg**

Maximum value of SAR (measured) = 0.0677 W/kg



0 dB = 0.0677 W/kg = -11.69 dBW/kg

**#32\_LTE Band 12\_10M\_QPSK\_1\_0\_Back\_15mm\_Ch23095**

Communication System: LTE ; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: HSL\_750\_200730 Medium parameters used:  $f = 707.5$  MHz;  $\sigma = 0.894$  S/m;  $\epsilon_r = 41.999$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3184; ConvF(6.61, 6.61, 6.61) @ 707.5 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x111x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

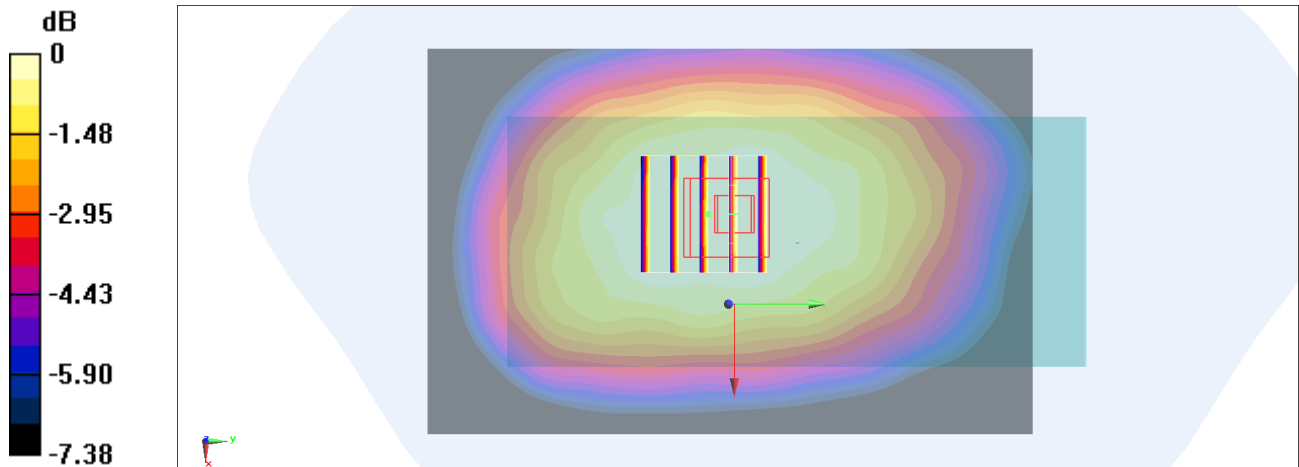
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.90 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.157 W/kg

**SAR(1 g) = 0.139 W/kg; SAR(10 g) = 0.111 W/kg**

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



0 dB = 0.148 W/kg = -8.30 dBW/kg

**#33\_LTE Band 13\_10M\_QPSK\_1\_49\_Front\_15mm\_Ch23230**

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: HSL\_750\_200730 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.92 \text{ S/m}$ ;  $\epsilon_r = 41.735$ ;  $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature :  $23.6^\circ\text{C}$ ; Liquid Temperature :  $22.6^\circ\text{C}$

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(6.61, 6.61, 6.61) @ 782 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x111x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.203 \text{ W/kg}$

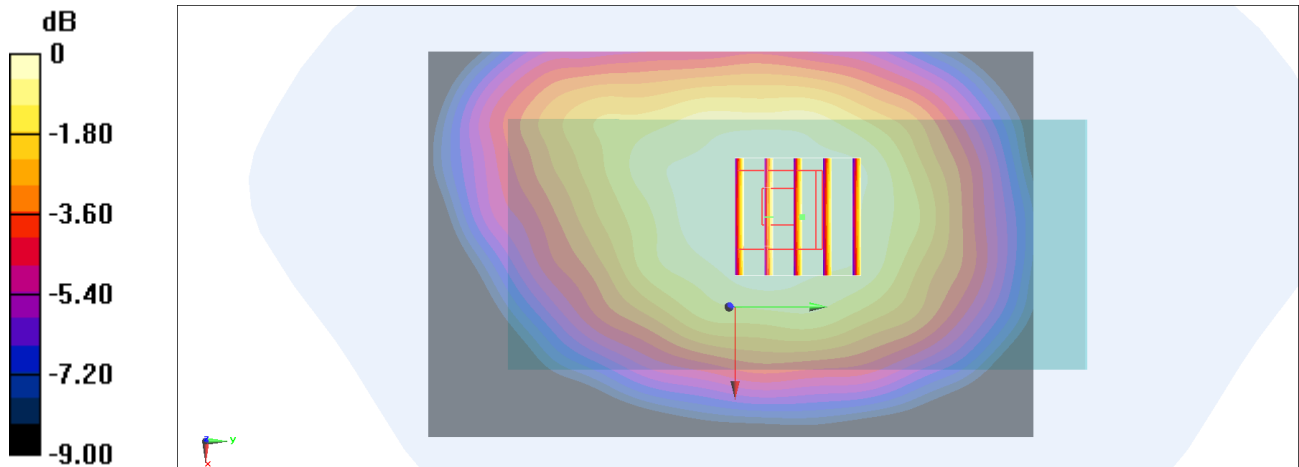
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $15.02 \text{ V/m}$ ; Power Drift =  $-0.12 \text{ dB}$

Peak SAR (extrapolated) =  $0.205 \text{ W/kg}$

**SAR(1 g) =  $0.181 \text{ W/kg}$ ; SAR(10 g) =  $0.144 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.192 \text{ W/kg}$



0 dB =  $0.192 \text{ W/kg}$  =  $-7.17 \text{ dBW/kg}$

**#34\_LTE Band 41\_20M\_QPSK\_50\_0\_Back\_15mm\_Ch41055**

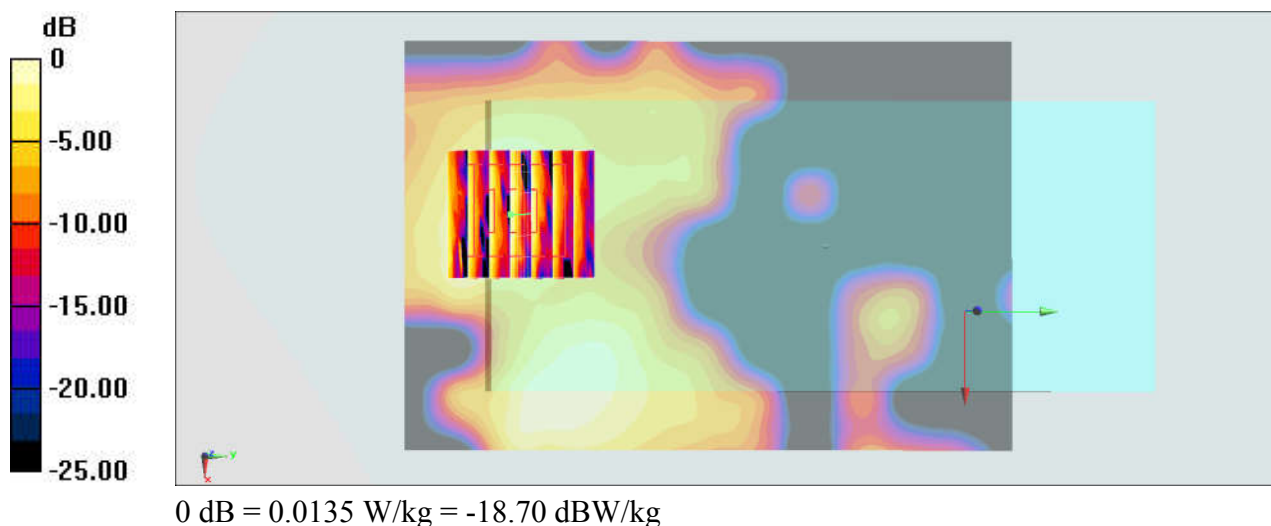
Communication System: LTE; Frequency: 2636.5 MHz; Duty Cycle: 1:1.59  
Medium: HSL\_2600\_200731 Medium parameters used :  $f = 2636.5$  MHz;  $\sigma = 1.921$  S/m;  $\epsilon_r = 38.962$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3270; ConvF(4.51, 4.51, 4.51) @ 2636.5 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2020/2/18
- Phantom: SAM\_Left; Type: SAM; Serial: 1796
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x121x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm  
Maximum value of SAR (interpolated) = 0.0139 W/kg

**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm  
Reference Value = 2.028 V/m; Power Drift = -0.10 dB  
Peak SAR (extrapolated) = 0.0210 W/kg  
**SAR(1 g) = 0.010 W/kg; SAR(10 g) = 0.00408 W/kg**  
Maximum value of SAR (measured) = 0.0135 W/kg



**#35\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_15mm\_Ch6**

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

Medium: HSL\_2450\_200731 Medium parameters used :  $f = 2437$  MHz;  $\sigma = 1.831$  S/m;  $\epsilon_r = 38.949$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C ; Liquid Temperature : 22.1 °C

**DASY5 Configuration:**

- Probe: ES3DV3 - SN3184; ConvF(4.69, 4.69, 4.69) @ 2437 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (81x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.109 W/kg

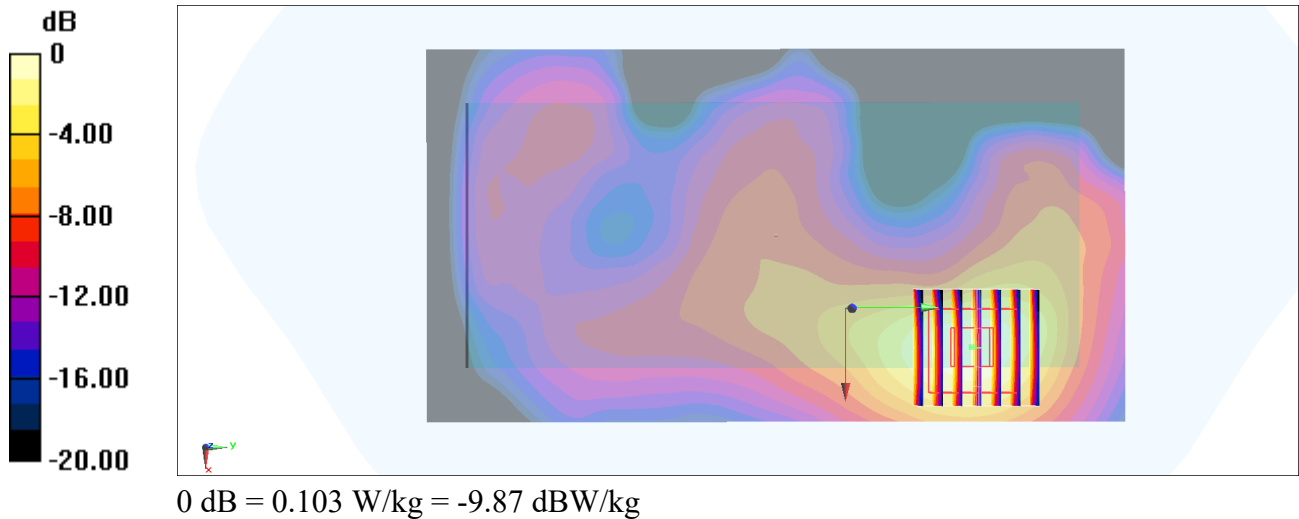
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.930 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.130 W/kg

**SAR(1 g) = 0.082 W/kg; SAR(10 g) = 0.043 W/kg**

Maximum value of SAR (measured) = 0.103 W/kg



**#36\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Back\_15mm\_Ch58**

Communication System: 802.11ac; Frequency: 5290 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_200729 Medium parameters used :  $f = 5290$  MHz;  $\sigma = 4.662$  S/m;  $\epsilon_r = 36.55$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3642; ConvF(4.43, 4.43, 4.43) @ 5290 MHz; Calibrated: 2020/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM\_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x91x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm

Maximum value of SAR (interpolated) = 0.289 W/kg

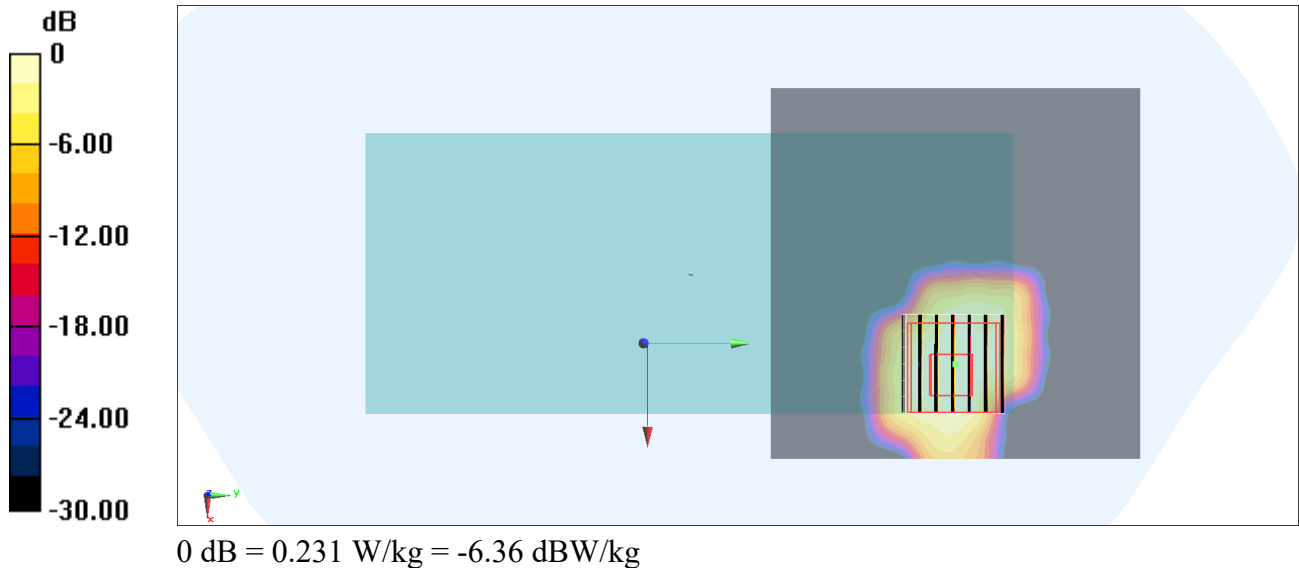
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value = 3.143 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.336 W/kg

**SAR(1 g) = 0.092 W/kg; SAR(10 g) = 0.030 W/kg**

Maximum value of SAR (measured) = 0.231 W/kg



**#37\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Back\_15mm\_Ch106**

Communication System: 802.11ac; Frequency: 5530 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_200729 Medium parameters used :  $f = 5530$  MHz;  $\sigma = 4.921$  S/m;  $\epsilon_r = 36.256$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3642; ConvF(4.19, 4.19, 4.19) @ 5530 MHz; Calibrated: 2020/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM\_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.231 W/kg

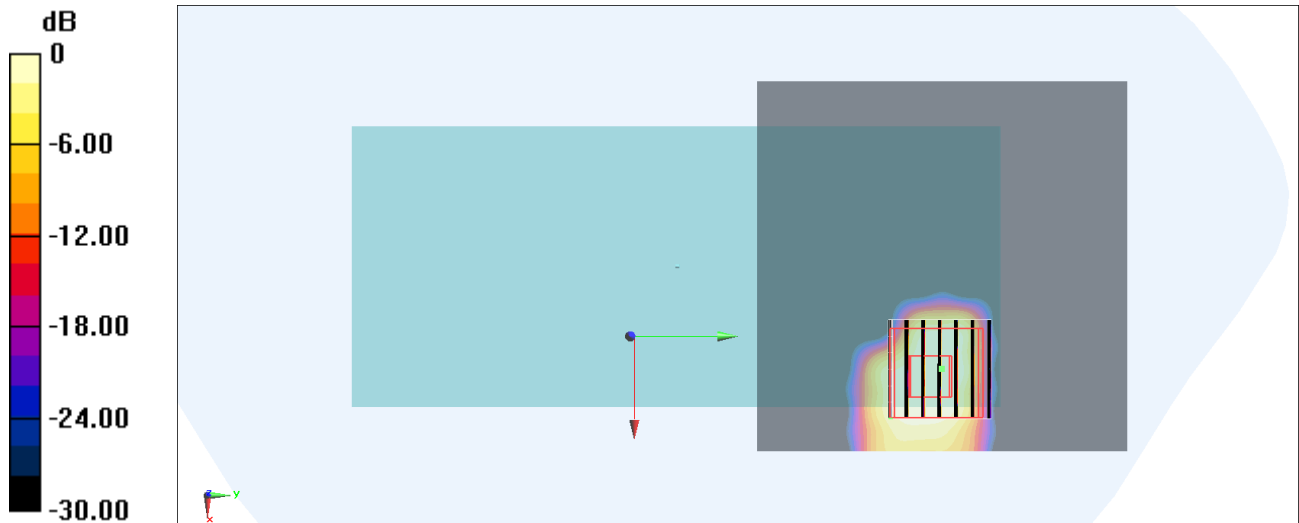
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.542 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.230 W/kg

**SAR(1 g) = 0.051 W/kg; SAR(10 g) = 0.016 W/kg**

Maximum value of SAR (measured) = 0.143 W/kg



0 dB = 0.143 W/kg = -8.45 dBW/kg

**#38\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Back\_15mm\_Ch155**

Communication System: 802.11ac ; Frequency: 5775 MHz;Duty Cycle: 1:1

Medium: HSL\_5G\_200729 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.167$  S/m;  $\epsilon_r = 35.852$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3642; ConvF(4.17, 4.17, 4.17) @ 5775 MHz; Calibrated: 2020/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM\_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x91x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.284 W/kg

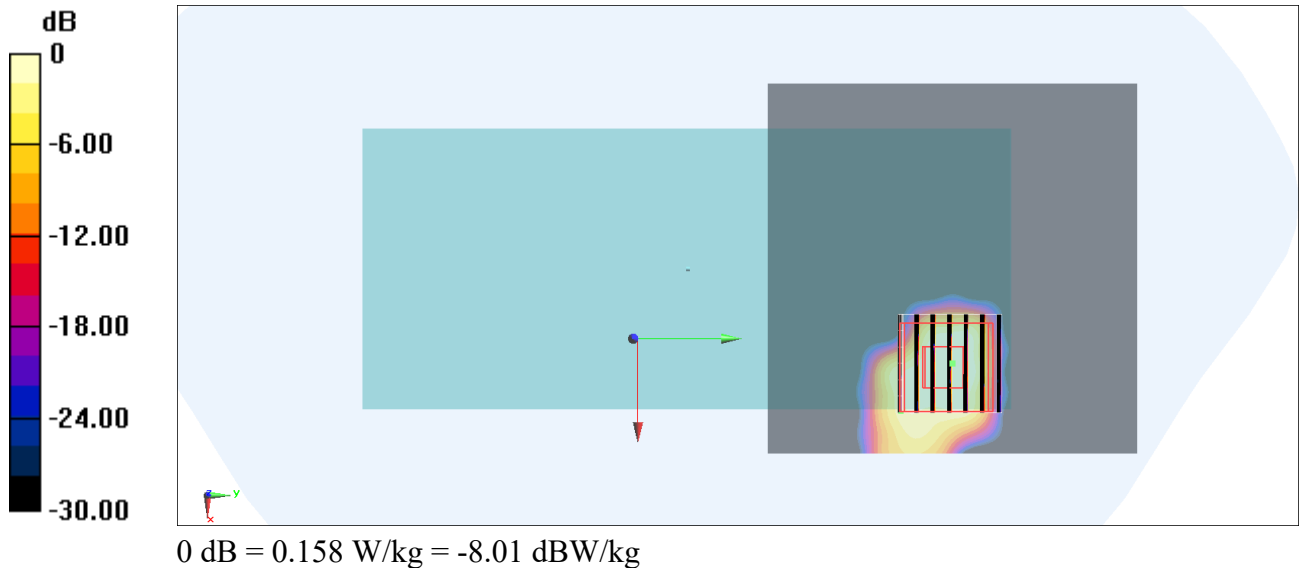
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.396 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.257 W/kg

**SAR(1 g) = 0.056 W/kg; SAR(10 g) = 0.018 W/kg**

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



**#39\_Bluetooth\_1Mbps\_Back\_15mm\_Ch78**

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1.297

Medium: HSL\_2450\_200731 Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.883$  S/m;  $\epsilon_r = 38.769$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(4.69, 4.69, 4.69) @ 2480 MHz; Calibrated: 2019/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2019/12/17
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1683
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0941 W/kg

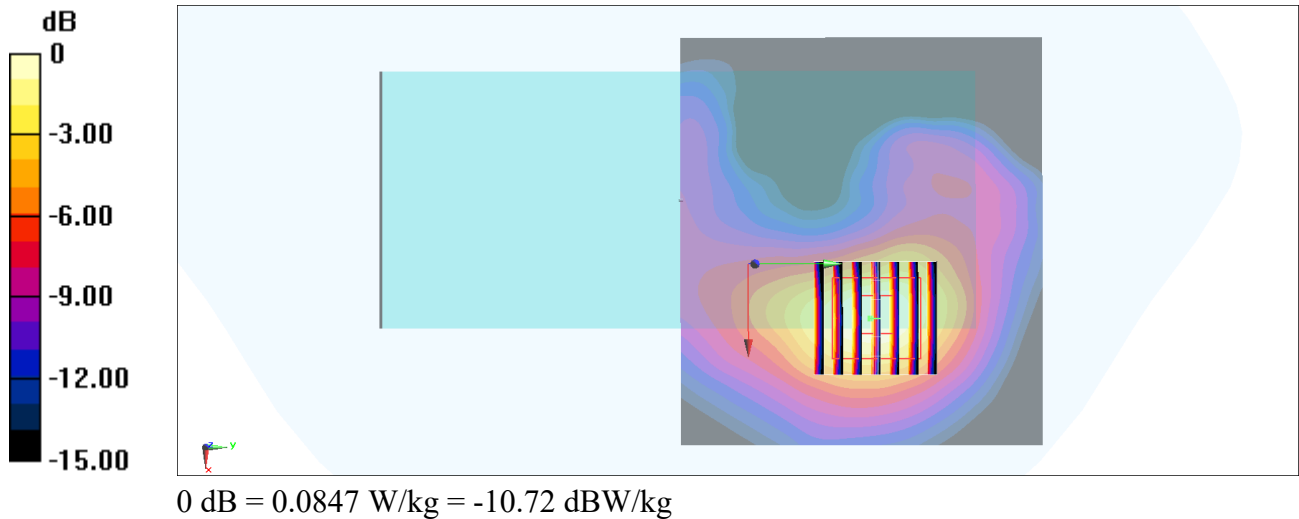
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.399 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.110 W/kg

**SAR(1 g) = 0.068 W/kg; SAR(10 g) = 0.036 W/kg**

Maximum value of SAR (measured) = 0.0847 W/kg



**#40\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Back\_0mm\_Ch58**

Communication System: 802.11ac; Frequency: 5290 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_200803 Medium parameters used:  $f = 5290$  MHz;  $\sigma = 4.787$  S/m;  $\epsilon_r = 36.813$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3642; ConvF(4.43, 4.43, 4.43) @ 5290 MHz; Calibrated: 2020/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM\_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x111x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 7.67 W/kg

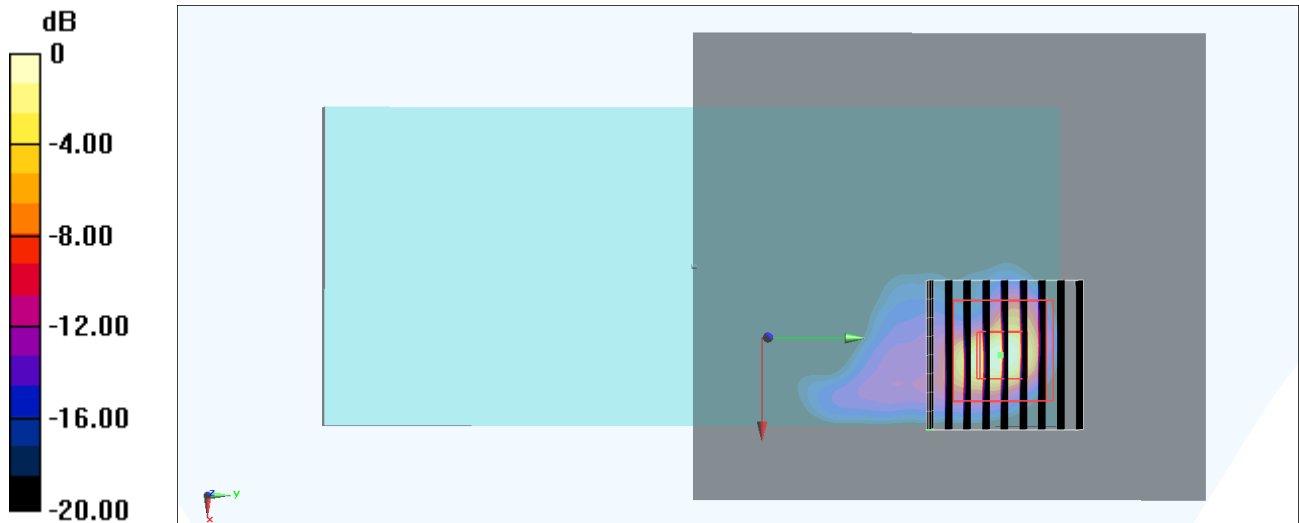
**Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 24.63 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 11.9 W/kg

**SAR(1 g) = 2.13 W/kg; SAR(10 g) = 0.408 W/kg**

Maximum value of SAR (measured) = 7.57 W/kg



0 dB = 7.57 W/kg = 8.79 dBW/kg

**#41\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Back\_0mm\_Ch106**

Communication System: 802.11ac; Frequency: 5530 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_200803 Medium parameters used :  $f = 5530$  MHz;  $\sigma = 5.034$  S/m;  $\epsilon_r = 36.47$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3642; ConvF(4.19, 4.19, 4.19) @ 5530 MHz; Calibrated: 2020/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM\_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x111x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 5.13 W/kg

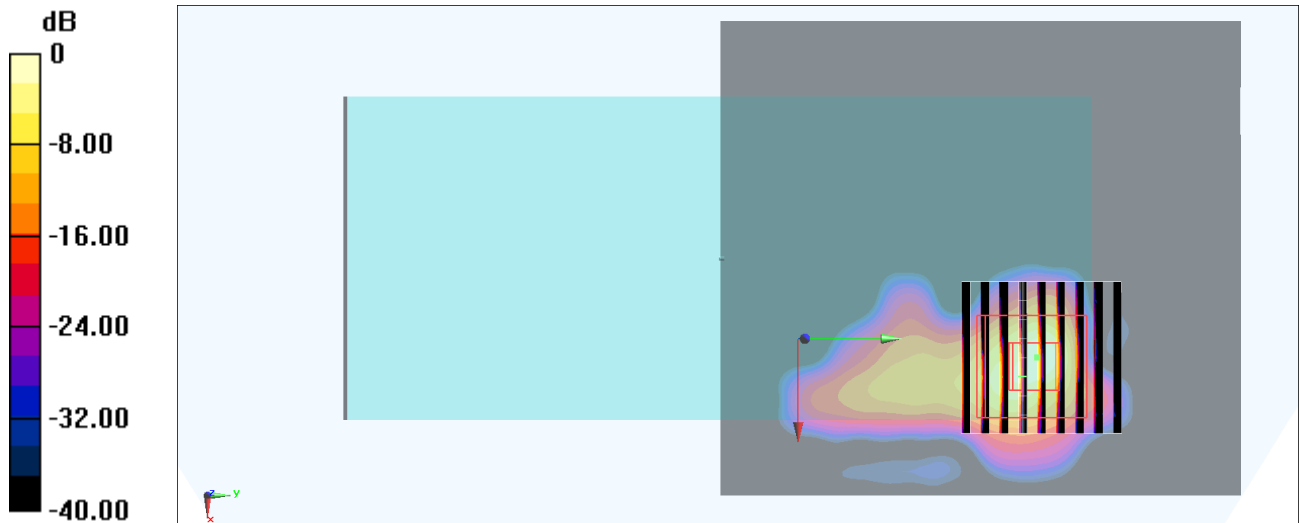
**Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 16.74 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 7.76 W/kg

**SAR(1 g) = 1.57 W/kg; SAR(10 g) = 0.298 W/kg**

Maximum value of SAR (measured) = 4.64 W/kg



**#42\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Back\_0mm\_Ch155**

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1

Medium: HSL\_5G\_200803 Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.31$  S/m;  $\epsilon_r = 36.106$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3642; ConvF(4.17, 4.17, 4.17) @ 5775 MHz; Calibrated: 2020/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn376; Calibrated: 2019/12/6
- Phantom: SAM\_Right; Type: SAM; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (101x111x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 6.15 W/kg

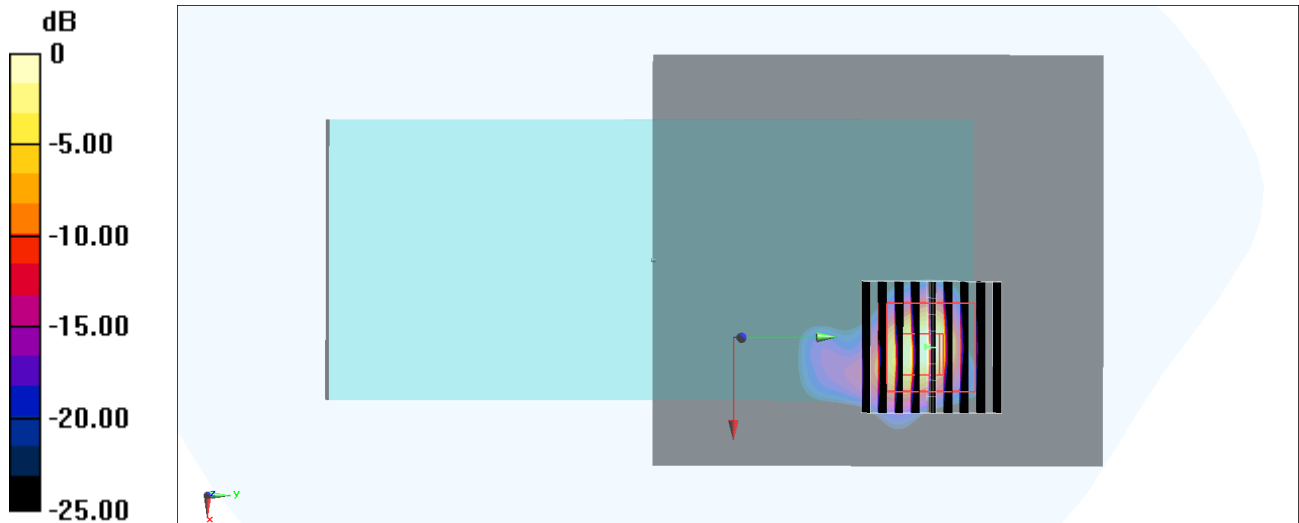
**Zoom Scan (9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 21.98 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 11.4 W/kg

**SAR(1 g) = 1.76 W/kg; SAR(10 g) = 0.352 W/kg**

Maximum value of SAR (measured) = 5.20 W/kg



0 dB = 5.20 W/kg = 7.16 dBW/kg