

**#01\_GSM850\_GPRS (3 Tx slots)\_Right Cheek\_Ch189**

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:2.77

Medium: HSL\_850\_220119 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.913$  S/m;  $\epsilon_r = 41.903$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.41, 6.41, 6.41) @ 836.4 MHz; Calibrated: 2021/9/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2021/12/29
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1684
- 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) = 0.264 W/kg

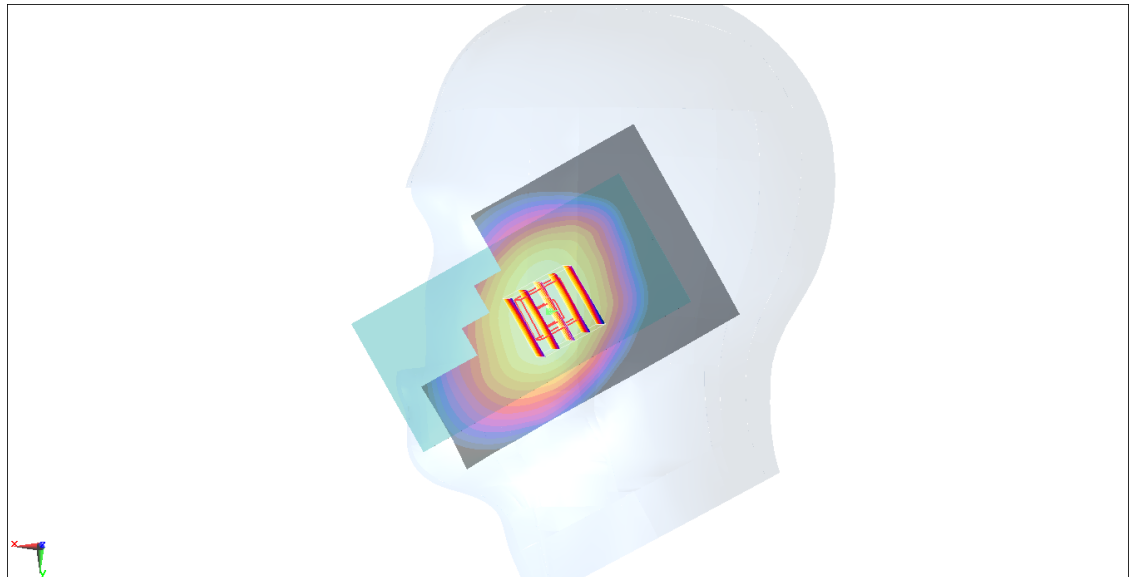
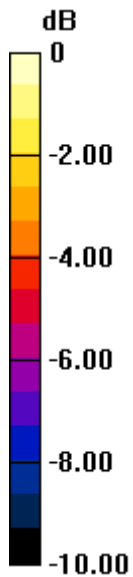
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.59 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.304 W/kg

**SAR(1 g) = 0.243 W/kg; SAR(10 g) = 0.186 W/kg**

Maximum value of SAR (measured) = 0.264 W/kg



0 dB = 0.264 W/kg = -5.78 dBW/kg

**#02\_GSM1900\_GPRS (3 Tx slots)\_Left Cheek\_Ch512**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:2.77

Medium: HSL\_1900\_220117 Medium parameters used :  $f = 1850.2$  MHz;  $\sigma = 1.407$  S/m;  $\epsilon_r = 40.596$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.26, 5.26, 5.26) @ 1850.2 MHz; Calibrated: 2021/9/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2021/12/29
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1684
- 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) = 0.120 W/kg

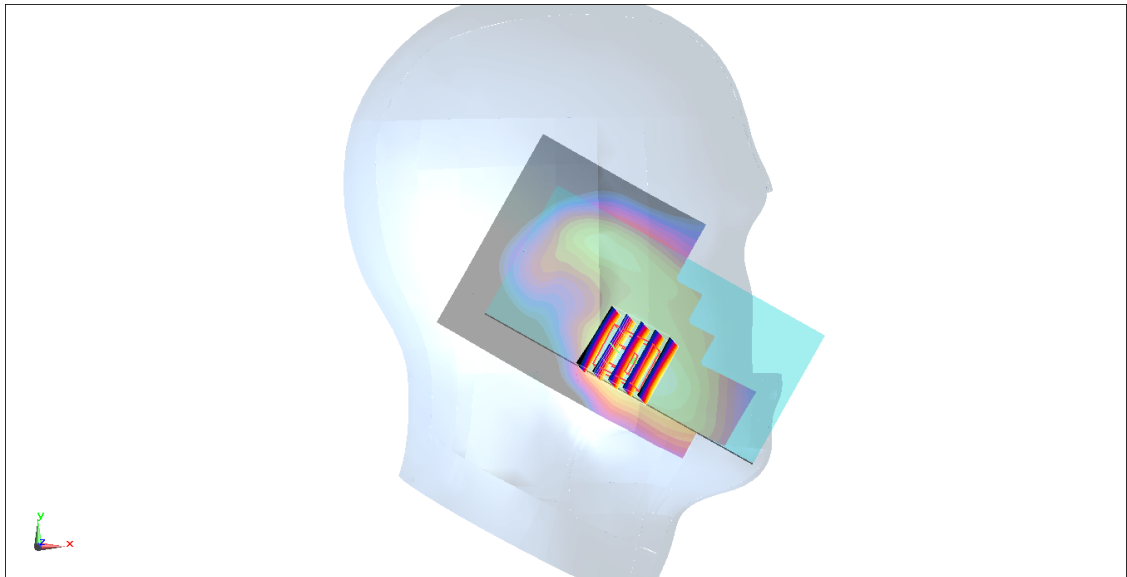
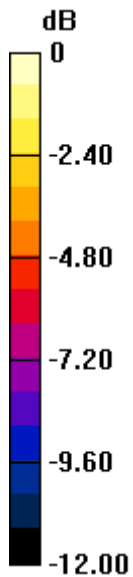
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.609 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.156 W/kg

**SAR(1 g) = 0.100 W/kg; SAR(10 g) = 0.063 W/kg**

Maximum value of SAR (measured) = 0.114 W/kg



0 dB = 0.114 W/kg = -9.43 dBW/kg

### #03\_WCDMA II\_RMC 12.2Kbps\_Left Cheek\_Ch9262

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_220117 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.403$  S/m;  $\epsilon_r = 40.583$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.26, 5.26, 5.26) @ 1852.4 MHz; Calibrated: 2021/9/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2021/12/29
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1684
- 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) = 0.214 W/kg

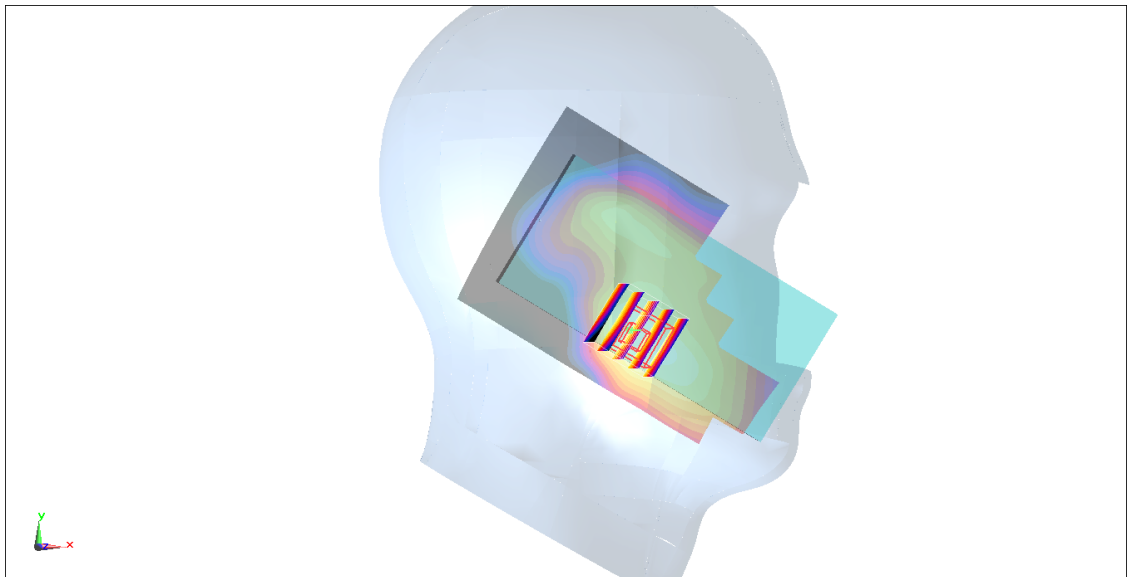
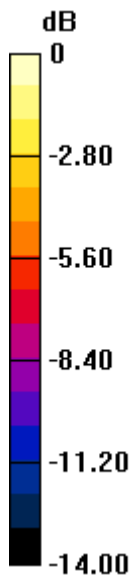
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.63 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.280 W/kg

**SAR(1 g) = 0.184 W/kg; SAR(10 g) = 0.117 W/kg**

Maximum value of SAR (measured) = 0.211 W/kg



0 dB = 0.211 W/kg = -6.76 dBW/kg

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

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

Medium: HSL\_850\_220119 Medium parameters used :  $f = 826.4$  MHz;  $\sigma = 0.907$  S/m;  $\epsilon_r = 41.959$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.41, 6.41, 6.41) @ 826.4 MHz; Calibrated: 2021/9/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2021/12/29
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1684
- 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) = 0.314 W/kg

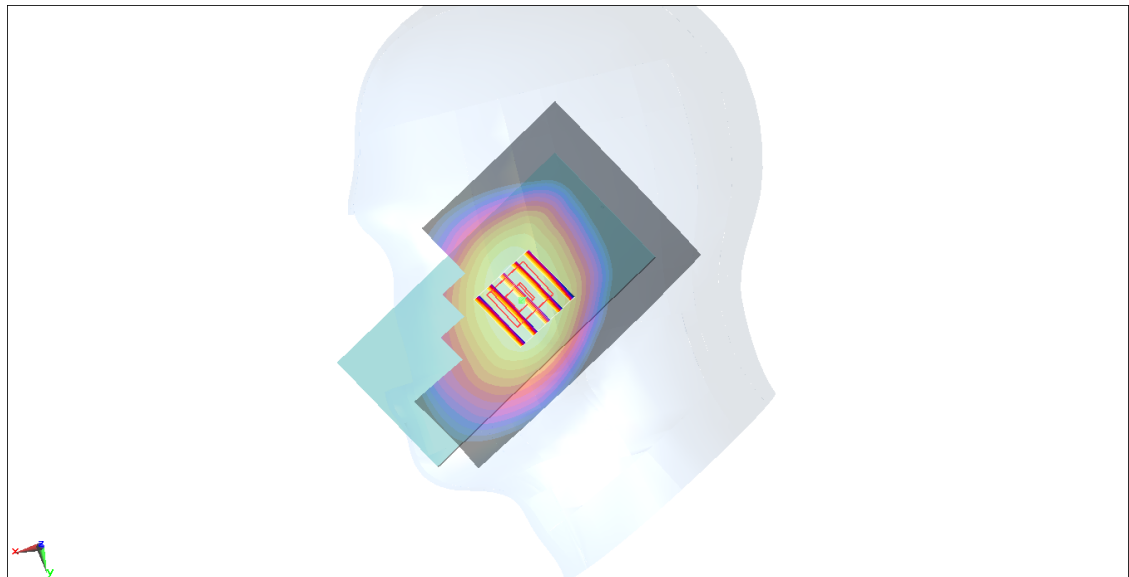
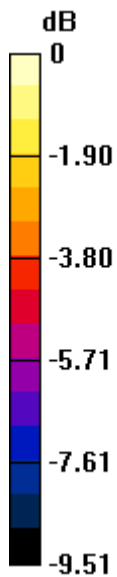
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.83 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.354 W/kg

**SAR(1 g) = 0.290 W/kg; SAR(10 g) = 0.224 W/kg**

Maximum value of SAR (measured) = 0.314 W/kg



**#05\_LTE Band 2\_20M\_QPSK\_1\_49\_Left Cheek\_Ch18900**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_220117 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.424$  S/m;  $\epsilon_r = 40.499$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.26, 5.26, 5.26) @ 1880 MHz; Calibrated: 2021/9/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2021/12/29
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1684
- 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) = 0.233 W/kg

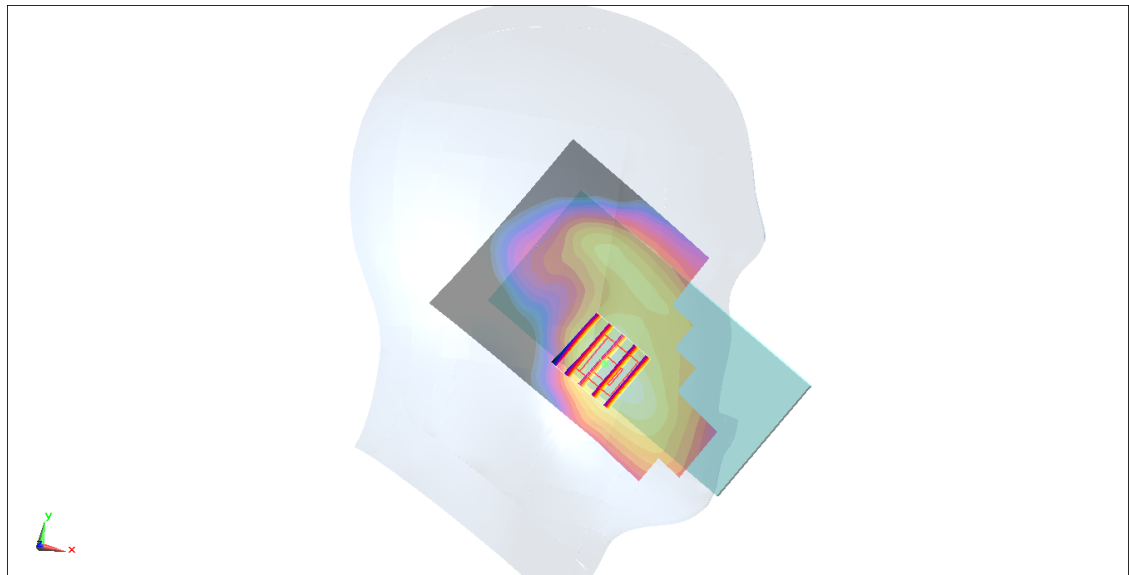
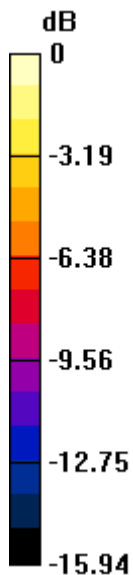
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.33 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.305 W/kg

**SAR(1 g) = 0.196 W/kg; SAR(10 g) = 0.123 W/kg**

Maximum value of SAR (measured) = 0.228 W/kg



0 dB = 0.228 W/kg = -6.42 dBW/kg

**#06\_LTE Band 5\_10M\_QPSK\_1\_49\_Right Cheek\_Ch20525**

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

Medium: HSL\_850\_220119 Medium parameters used :  $f = 836.5$  MHz;  $\sigma = 0.913$  S/m;  $\epsilon_r = 41.902$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.41, 6.41, 6.41) @ 836.5 MHz; Calibrated: 2021/9/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2021/12/29
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1684
- 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) = 0.243 W/kg

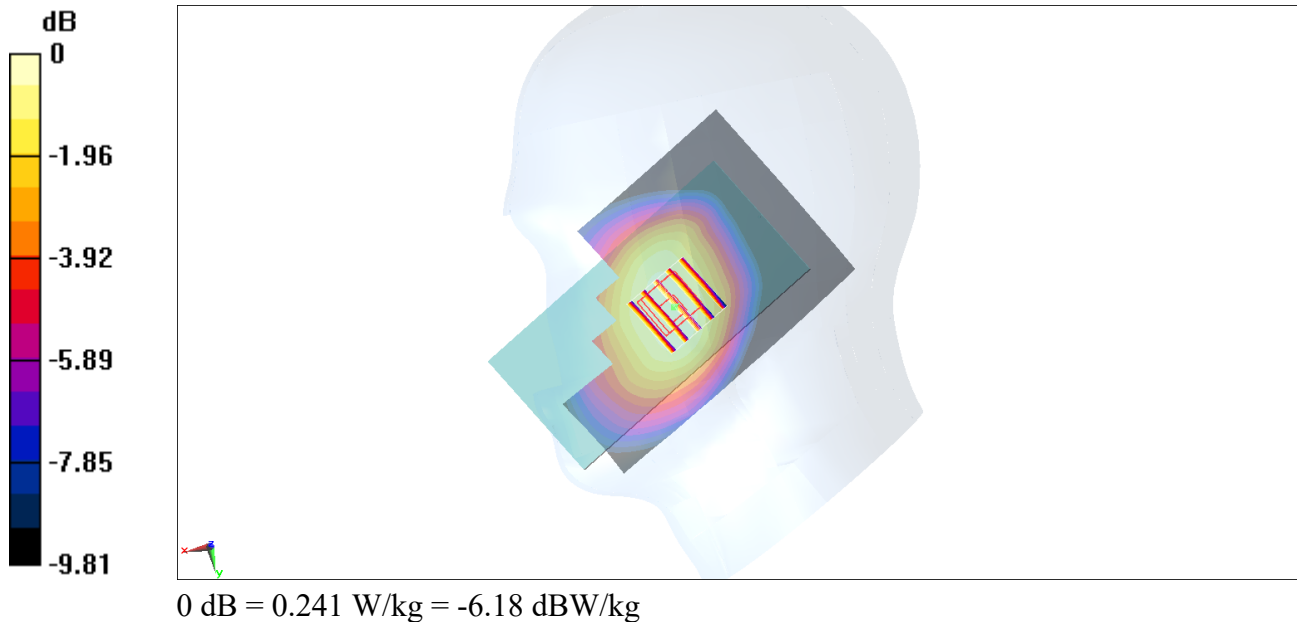
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.77 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.277 W/kg

**SAR(1 g) = 0.223 W/kg; SAR(10 g) = 0.173 W/kg**

Maximum value of SAR (measured) = 0.241 W/kg



**#07\_LTE Band 7\_20M\_QPSK\_1\_49\_Left Cheek\_Ch21100**

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

Medium: HSL\_2600\_220120 Medium parameters used :  $f = 2535$  MHz;  $\sigma = 1.884$  S/m;  $\epsilon_r = 39.65$ ;  $\rho = 1000$  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) @ 2535 MHz; Calibrated: 2021/9/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2021/12/29
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1684
- 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) = 0.381 W/kg

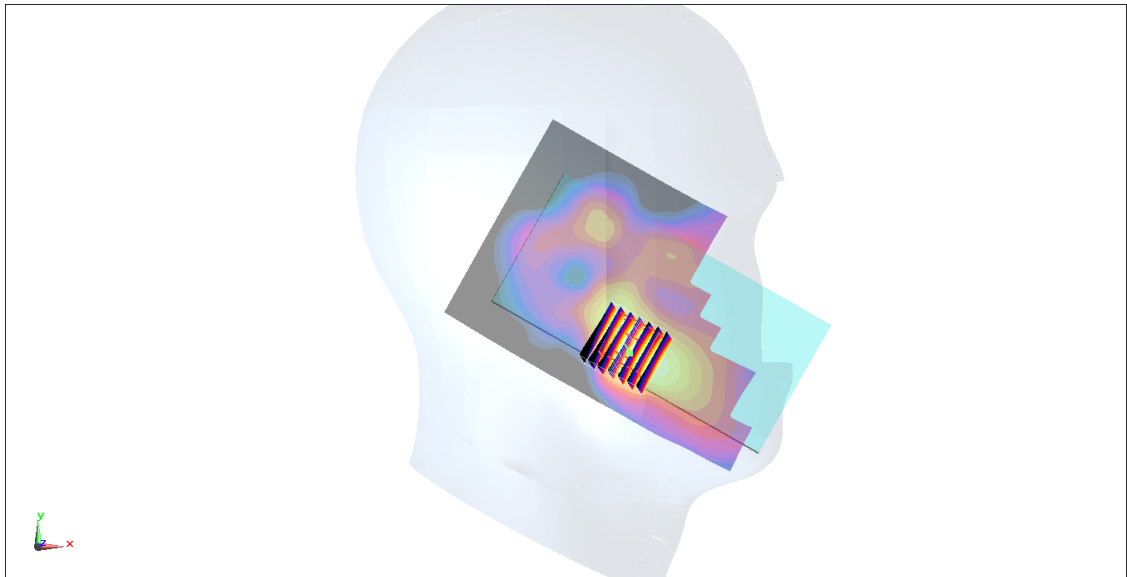
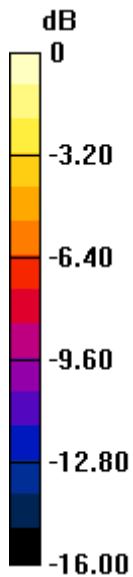
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.11 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.503 W/kg

**SAR(1 g) = 0.251 W/kg; SAR(10 g) = 0.157 W/kg**

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



0 dB = 0.364 W/kg = -4.39 dBW/kg

**#08\_LTE Band 12\_10M\_QPSK\_1\_49\_Right Cheek\_Ch23095**

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

Medium: HSL\_750\_220120 Medium parameters used :  $f = 707.5$  MHz;  $\sigma = 0.863$  S/m;  $\epsilon_r = 41.798$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.62, 6.62, 6.62) @ 707.5 MHz; Calibrated: 2021/9/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2021/12/29
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1684
- 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) = 0.00953 W/kg

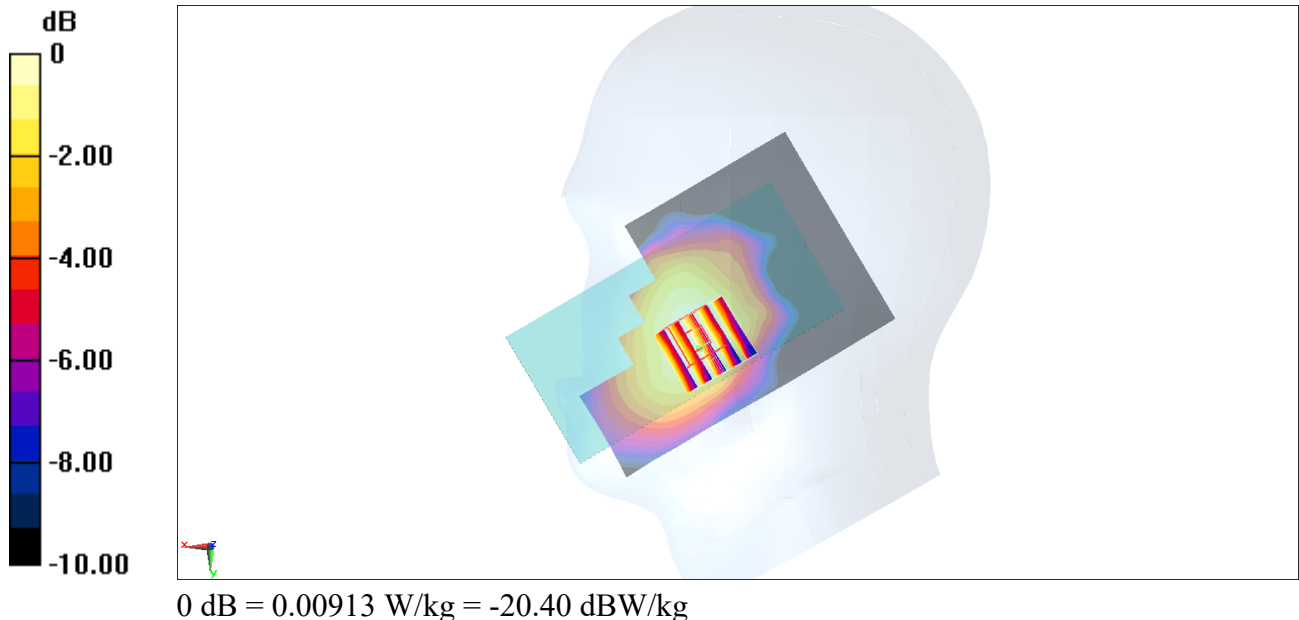
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.939 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.0110 W/kg

**SAR(1 g) = 0.00822 W/kg; SAR(10 g) = 0.0062 W/kg**

Maximum value of SAR (measured) = 0.00913 W/kg





**#09\_WLAN2.4GHz\_802.11b 1Mbps\_Left Cheek\_Ch11**

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1.007

Medium: HSL\_2450\_220314 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.845$  S/m;  $\epsilon_r = 38.974$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(4.6, 4.6, 4.6) @ 2462 MHz; Calibrated: 2021/9/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2021/12/29
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (91x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.847 W/kg

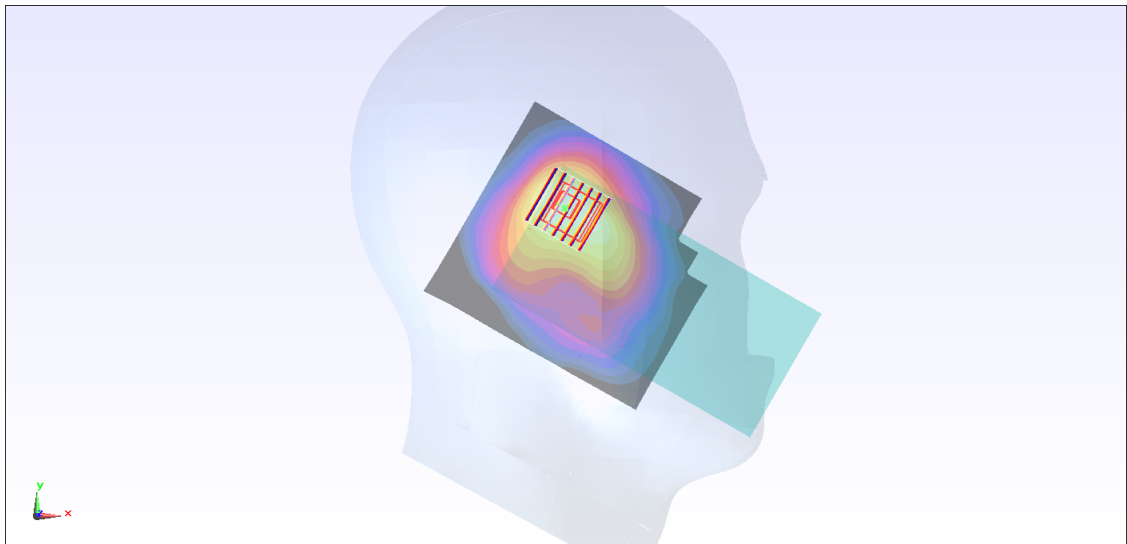
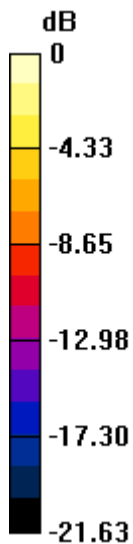
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.62 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.21 W/kg

**SAR(1 g) = 0.618 W/kg; SAR(10 g) = 0.330 W/kg**

Maximum value of SAR (measured) = 0.773 W/kg



0 dB = 0.773 W/kg = -1.12 dBW/kg

**#10\_WLAN5GHz\_802.11n-HT40 MCS0\_Left Cheek\_Ch54**

Communication System: 802.11n; Frequency: 5270 MHz; Duty Cycle: 1:1.038

Medium: HSL\_5G\_220225 Medium parameters used:  $f = 5270$  MHz;  $\sigma = 4.813$  S/m;  $\epsilon_r = 36.129$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(5.54, 5.54, 5.54) @ 5270 MHz; Calibrated: 2021/3/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2022/1/20
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (101x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.11 W/kg

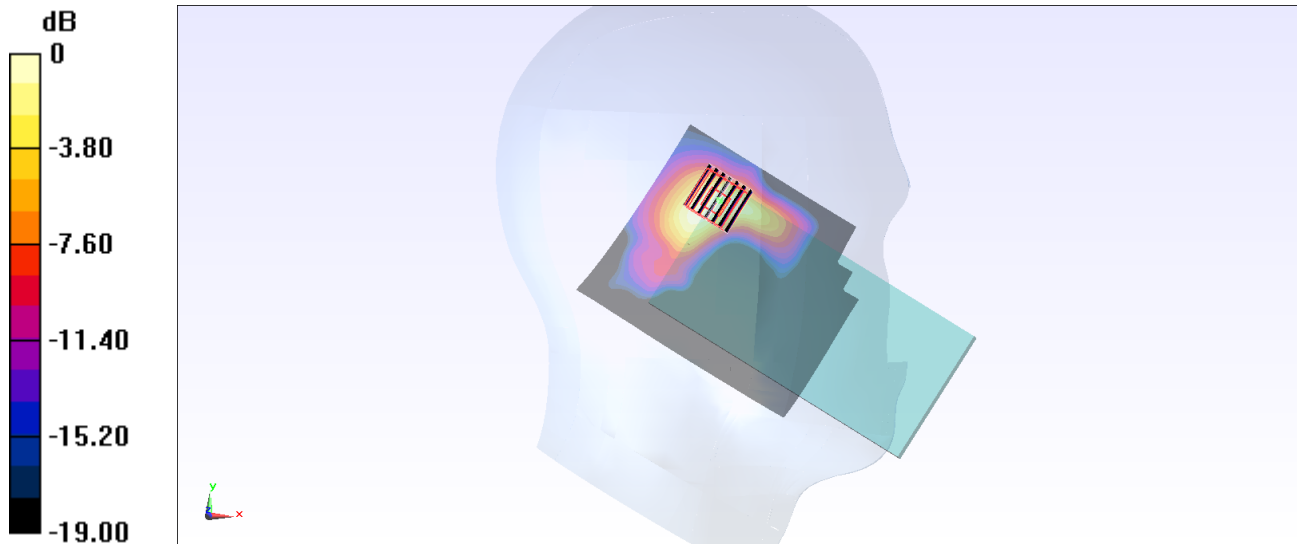
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.42 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.30 W/kg

**SAR(1 g) = 0.930 W/kg; SAR(10 g) = 0.322 W/kg**

Maximum value of SAR (measured) = 2.12 W/kg



0 dB = 2.11 W/kg = 3.24 dBW/kg

**#11\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Left Cheek\_Ch122**

Communication System: 802.11ac ; Frequency: 5610 MHz;Duty Cycle: 1:1.079

Medium: HSL\_5G\_220214 Medium parameters used (interpolated):  $f = 5610$  MHz;  $\sigma = 5.19$  S/m;  $\epsilon_r =$

$36.294$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7694; ConvF(4.65, 4.65, 4.65) @ 5610 MHz; Calibrated: 2021/11/12
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2021/2/16
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7501)

**Area Scan (101x121x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.47 W/kg

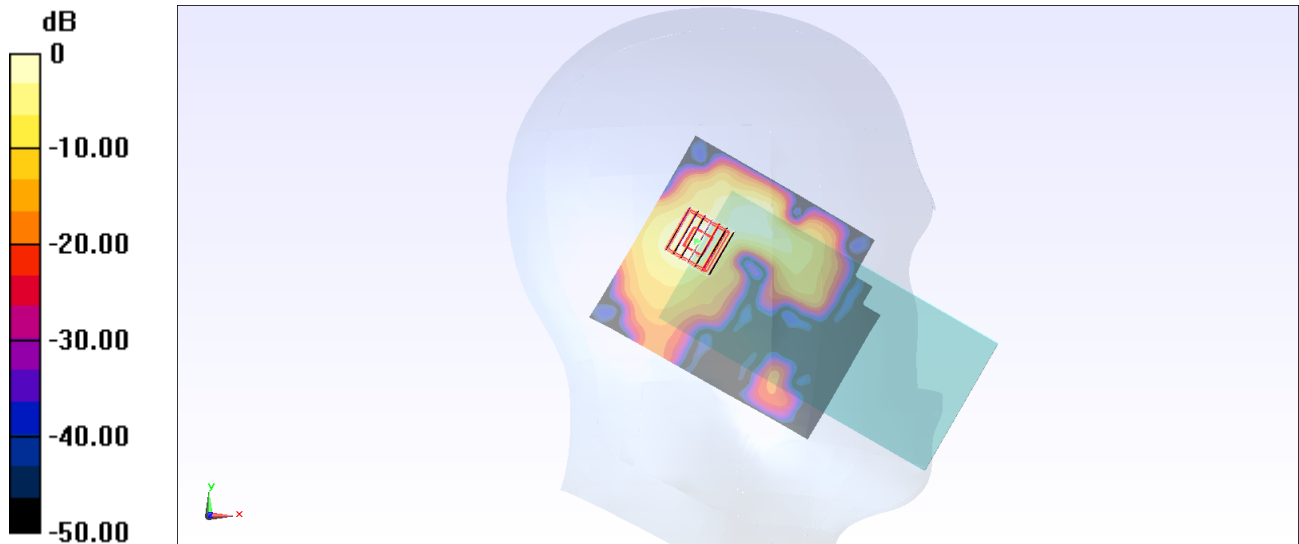
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.80 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 4.18 W/kg

**SAR(1 g) = 0.907 W/kg; SAR(10 g) = 0.275 W/kg**

Maximum value of SAR (measured) = 2.36 W/kg



0 dB = 2.36 W/kg = 3.73 dBW/kg

## #12\_Bluetooth\_1Mbps\_Left Cheek\_Ch78

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1.295

Medium: HSL\_2450\_220210 Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.832$  S/m;  $\epsilon_r = 39.003$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(4.6, 4.6, 4.6) @ 2480 MHz; Calibrated: 2021/9/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2021/2/16
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1684
- 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) = 0.101 W/kg

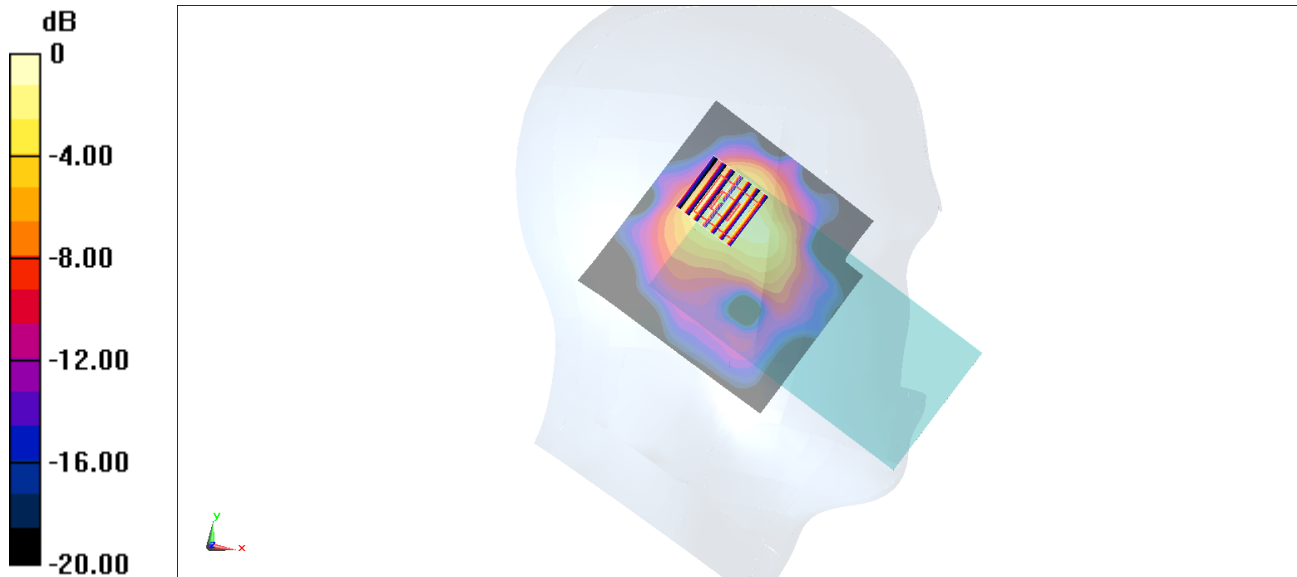
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.257 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.163 W/kg

**SAR(1 g) = 0.067 W/kg; SAR(10 g) = 0.038 W/kg**

Maximum value of SAR (measured) = 0.0990 W/kg



0 dB = 0.101 W/kg = -9.95 dBW/kg

## #13\_GSM850\_GPRS (3 Tx slots)\_Back\_10mm\_Ch189

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:2.77

Medium: HSL\_850\_220119 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.913$  S/m;  $\epsilon_r = 41.903$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.41, 6.41, 6.41) @ 836.4 MHz; Calibrated: 2021/9/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2021/12/29
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1684
- 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) = 0.426 W/kg

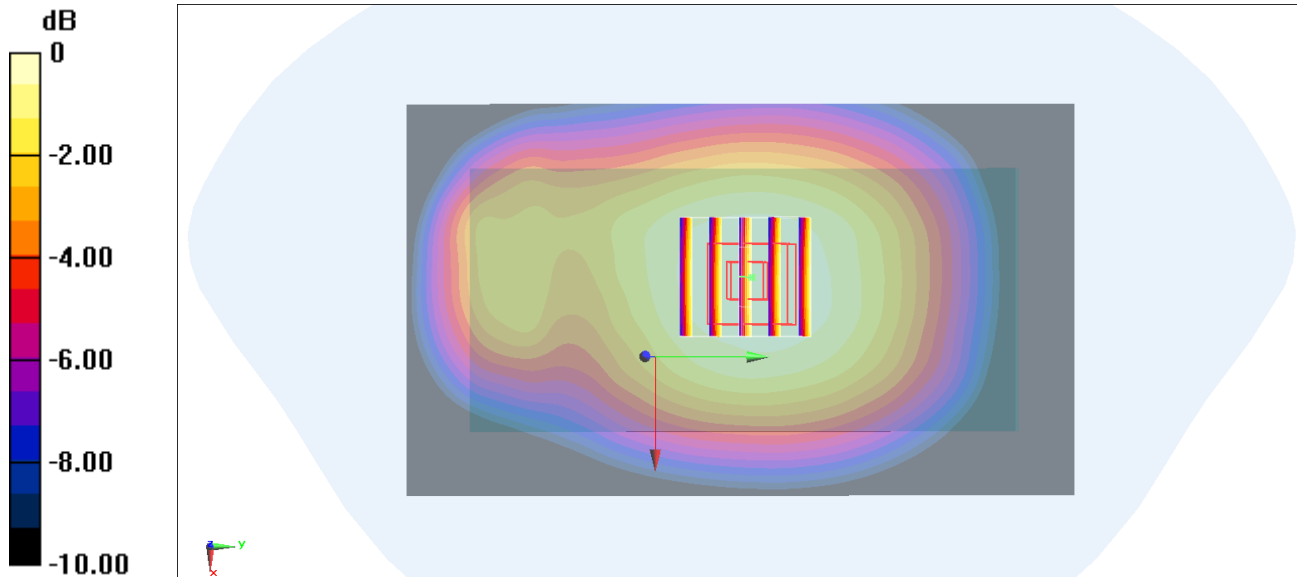
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.89 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.491 W/kg

**SAR(1 g) = 0.389 W/kg; SAR(10 g) = 0.296 W/kg**

Maximum value of SAR (measured) = 0.431 W/kg



0 dB = 0.431 W/kg = -3.66 dBW/kg

## #14\_GSM1900\_GPRS (3 Tx slots)\_Back\_10mm\_Ch512

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:2.77

Medium: HSL\_1900\_220117 Medium parameters used :  $f = 1850.2$  MHz;  $\sigma = 1.407$  S/m;  $\epsilon_r = 40.596$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.26, 5.26, 5.26) @ 1850.2 MHz; Calibrated: 2021/9/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2021/12/29
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.323 W/kg

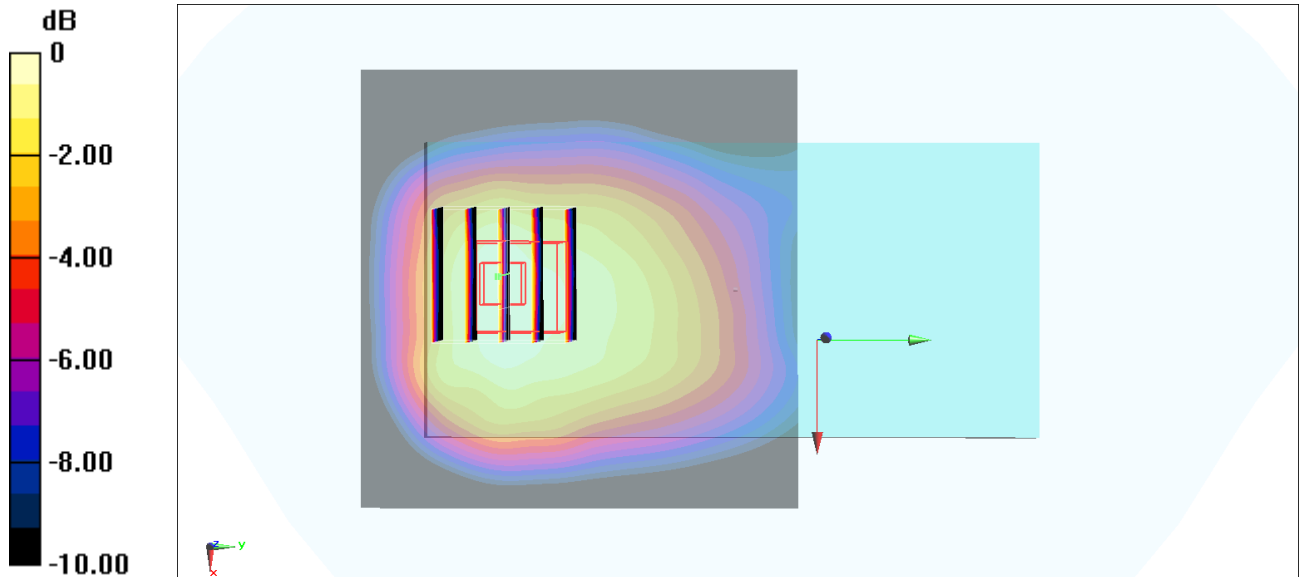
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.05 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.413 W/kg

**SAR(1 g) = 0.262 W/kg; SAR(10 g) = 0.165 W/kg**

Maximum value of SAR (measured) = 0.312 W/kg



0 dB = 0.312 W/kg = -5.06 dBW/kg

## #15\_WCDMA II\_RMC 12.2Kbps\_Back\_10mm\_Ch9262

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_220117 Medium parameters used :  $f = 1852.4$  MHz;  $\sigma = 1.403$  S/m;  $\epsilon_r = 40.583$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.26, 5.26, 5.26) @ 1852.4 MHz; Calibrated: 2021/9/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2021/12/29
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1684
- 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) = 0.574 W/kg

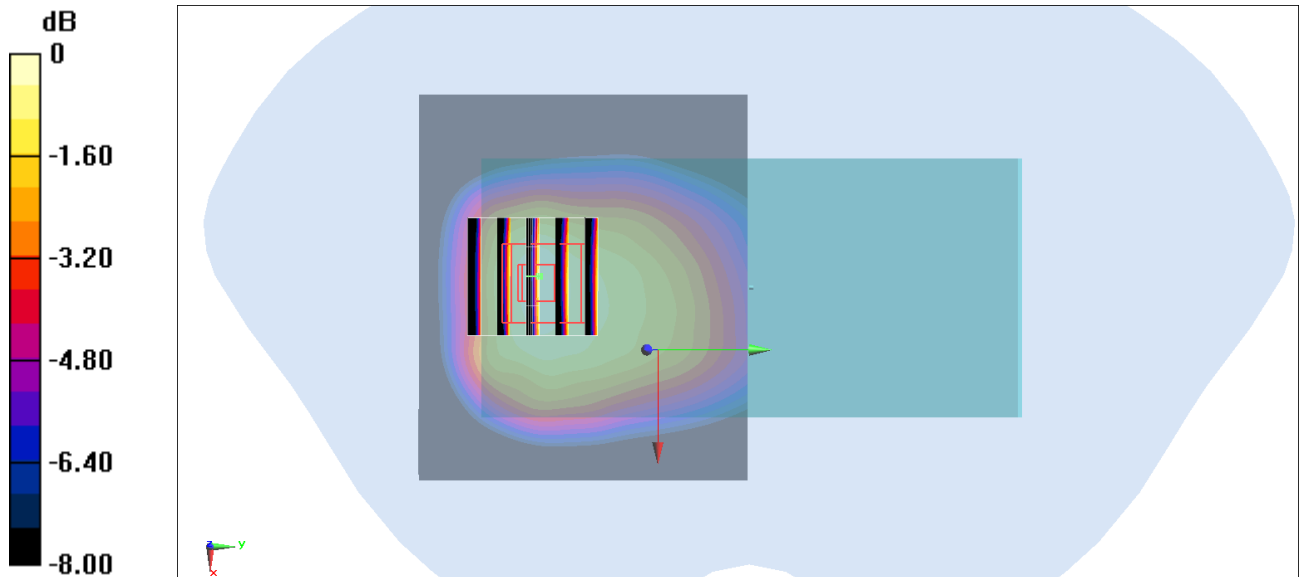
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.43 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.759 W/kg

**SAR(1 g) = 0.476 W/kg; SAR(10 g) = 0.298 W/kg**

Maximum value of SAR (measured) = 0.567 W/kg



0 dB = 0.567 W/kg = -2.46 dBW/kg

## #16\_WCDMA V\_RMC 12.2Kbps\_Back\_10mm\_Ch4132

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

Medium: HSL\_850\_220119 Medium parameters used :  $f = 826.4$  MHz;  $\sigma = 0.907$  S/m;  $\epsilon_r = 41.959$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.41, 6.41, 6.41) @ 826.4 MHz; Calibrated: 2021/9/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2021/12/29
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1684
- 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) = 0.525 W/kg

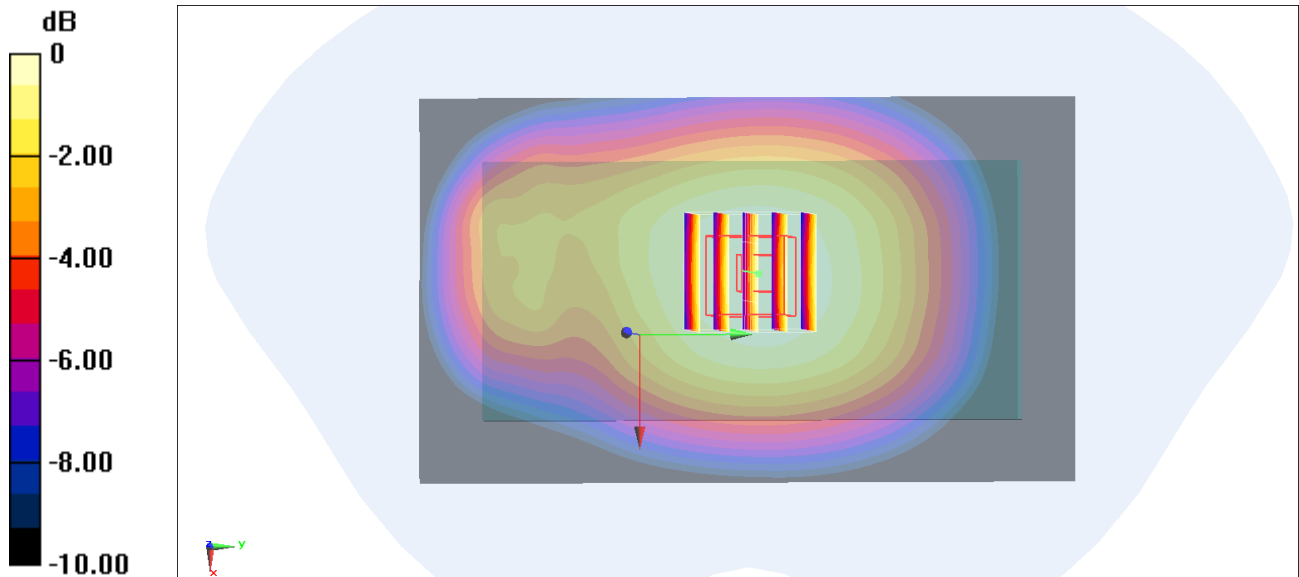
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.43 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.600 W/kg

**SAR(1 g) = 0.479 W/kg; SAR(10 g) = 0.363 W/kg**

Maximum value of SAR (measured) = 0.526 W/kg





**#17\_LTE Band 2\_20M\_QPSK\_1\_49\_Bottom Side\_10mm\_Ch18900**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_220118 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.424$  S/m;  $\epsilon_r = 40.512$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.26, 5.26, 5.26) @ 1880 MHz; Calibrated: 2021/9/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2021/1/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (41x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.510 W/kg

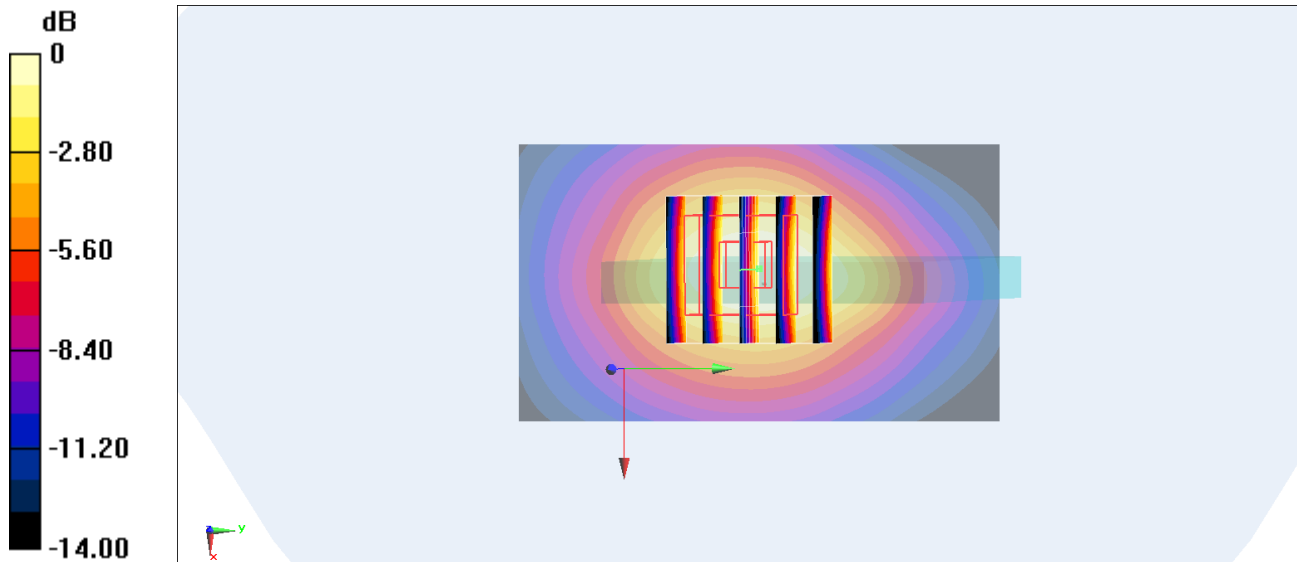
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.99 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.648 W/kg

**SAR(1 g) = 0.399 W/kg; SAR(10 g) = 0.234 W/kg**

Maximum value of SAR (measured) = 0.476 W/kg



0 dB = 0.476 W/kg = -3.22 dBW/kg

**#18\_LTE Band 5\_10M\_QPSK\_1\_49\_Back\_10mm\_Ch20525**

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

Medium: HSL\_850\_220119 Medium parameters used :  $f = 836.5$  MHz;  $\sigma = 0.913$  S/m;  $\epsilon_r = 41.902$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.41, 6.41, 6.41) @ 836.5 MHz; Calibrated: 2021/9/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2021/12/29
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1684
- 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) = 0.407 W/kg

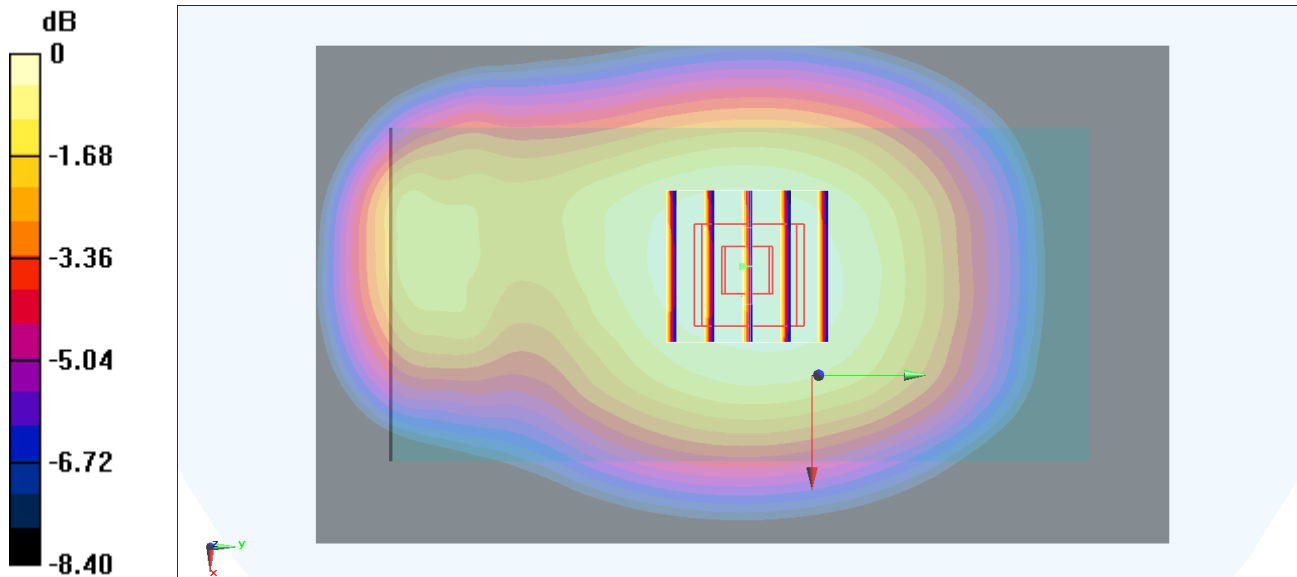
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.57 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.467 W/kg

**SAR(1 g) = 0.370 W/kg; SAR(10 g) = 0.279 W/kg**

Maximum value of SAR (measured) = 0.408 W/kg



0 dB = 0.408 W/kg = -3.89 dBW/kg

**#19\_LTE Band 7\_20M\_QPSK\_1\_49\_Back\_10mm\_Ch21100**

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

Medium: HSL\_2600\_220120 Medium parameters used :  $f = 2535$  MHz;  $\sigma = 1.884$  S/m;  $\epsilon_r = 39.65$ ;  $\rho = 1000$  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) @ 2535 MHz; Calibrated: 2021/9/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2021/12/29
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (91x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.533 W/kg

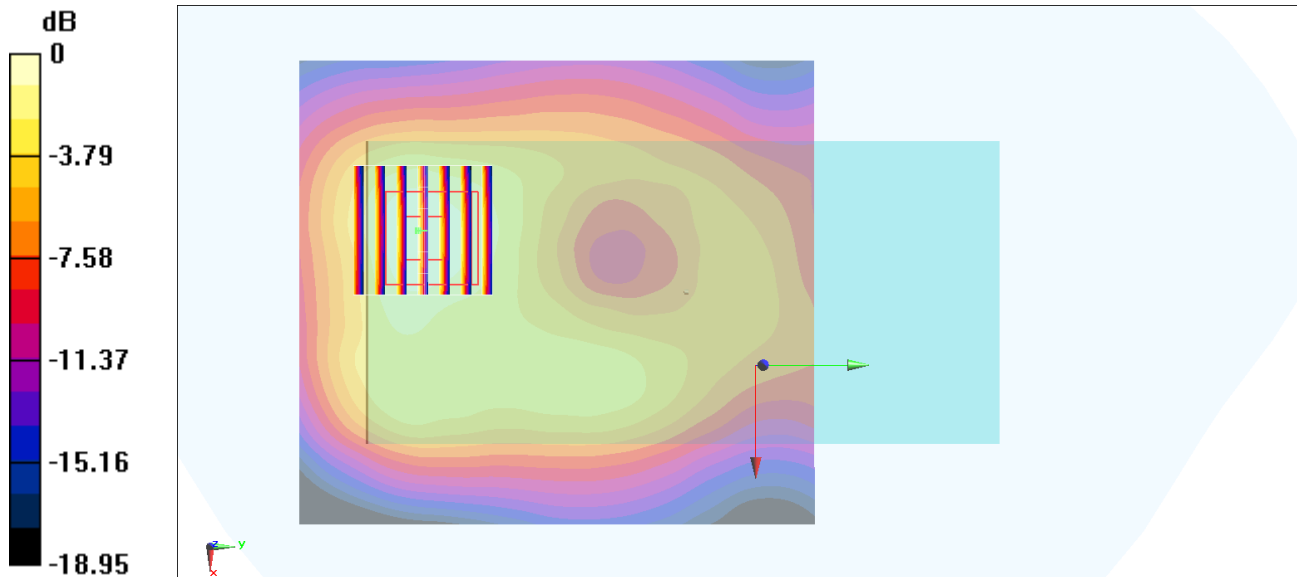
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.20 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.745 W/kg

**SAR(1 g) = 0.430 W/kg; SAR(10 g) = 0.238 W/kg**

Maximum value of SAR (measured) = 0.527 W/kg



0 dB = 0.533 W/kg = -2.73 dBW/kg

**#20\_LTE Band 12\_10M\_QPSK\_1\_49\_Back\_10mm\_Ch23095**

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

Medium: HSL\_750\_220120 Medium parameters used :  $f = 707.5$  MHz;  $\sigma = 0.863$  S/m;  $\epsilon_r = 41.798$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.62, 6.62, 6.62) @ 707.5 MHz; Calibrated: 2021/9/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2021/12/29
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1684
- 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) = 0.0248 W/kg

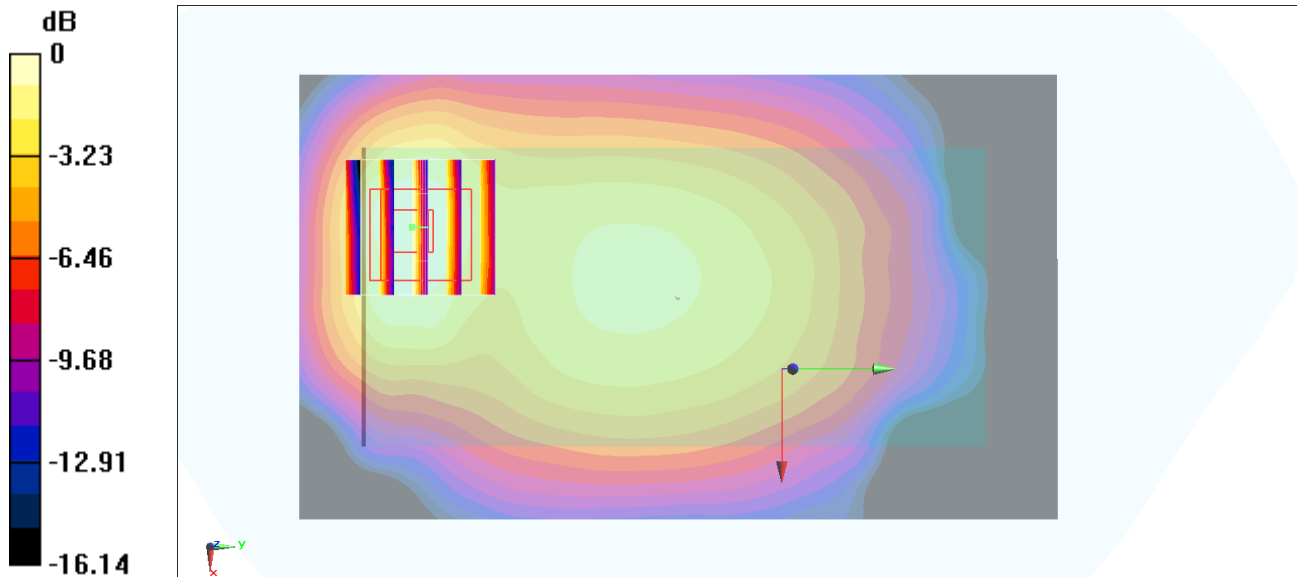
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.539 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.0410 W/kg

**SAR(1 g) = 0.022 W/kg; SAR(10 g) = 0.013 W/kg**

Maximum value of SAR (measured) = 0.0283 W/kg



## #21\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_10mm\_Ch11

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1.007

Medium: HSL\_2450\_220314 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.845$  S/m;  $\epsilon_r = 38.974$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(4.6, 4.6, 4.6) @ 2462 MHz; Calibrated: 2021/9/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2021/12/29
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (91x101x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.383 W/kg

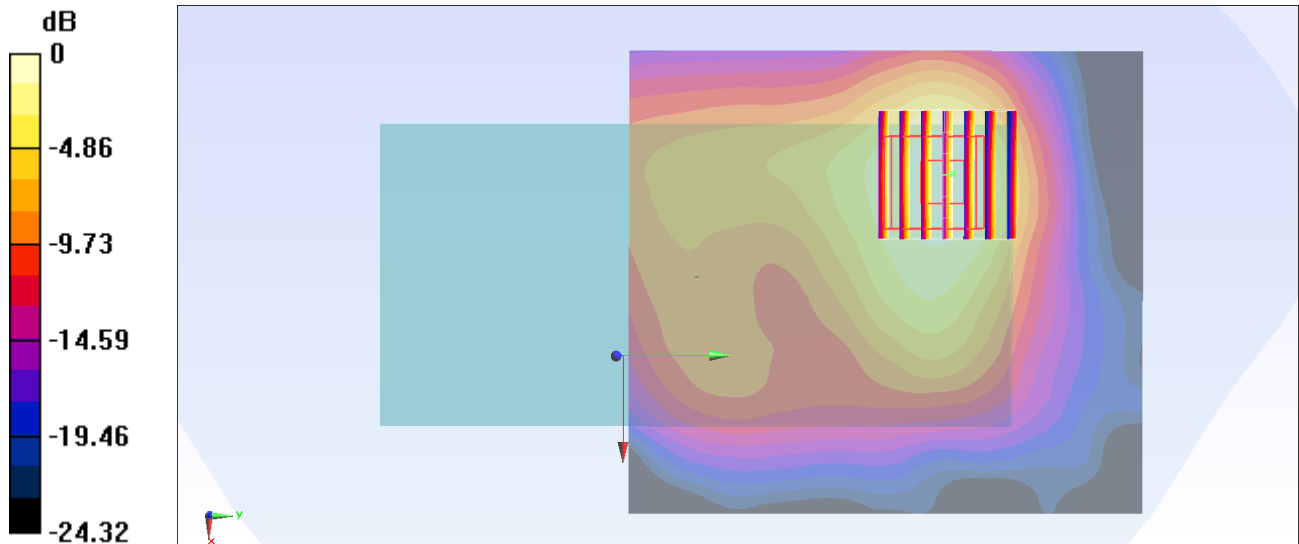
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.05 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.572 W/kg

**SAR(1 g) = 0.306 W/kg; SAR(10 g) = 0.160 W/kg**

Maximum value of SAR (measured) = 0.382 W/kg



0 dB = 0.382 W/kg = -4.18 dBW/kg

## #22\_Bluetooth\_1Mbps\_Back\_10mm\_Ch78

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1.295

Medium: HSL\_2450\_220210 Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.832$  S/m;  $\epsilon_r = 39.003$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(4.6, 4.6, 4.6) @ 2480 MHz; Calibrated: 2021/9/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2021/2/16
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1684
- 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) = 0.0650 W/kg

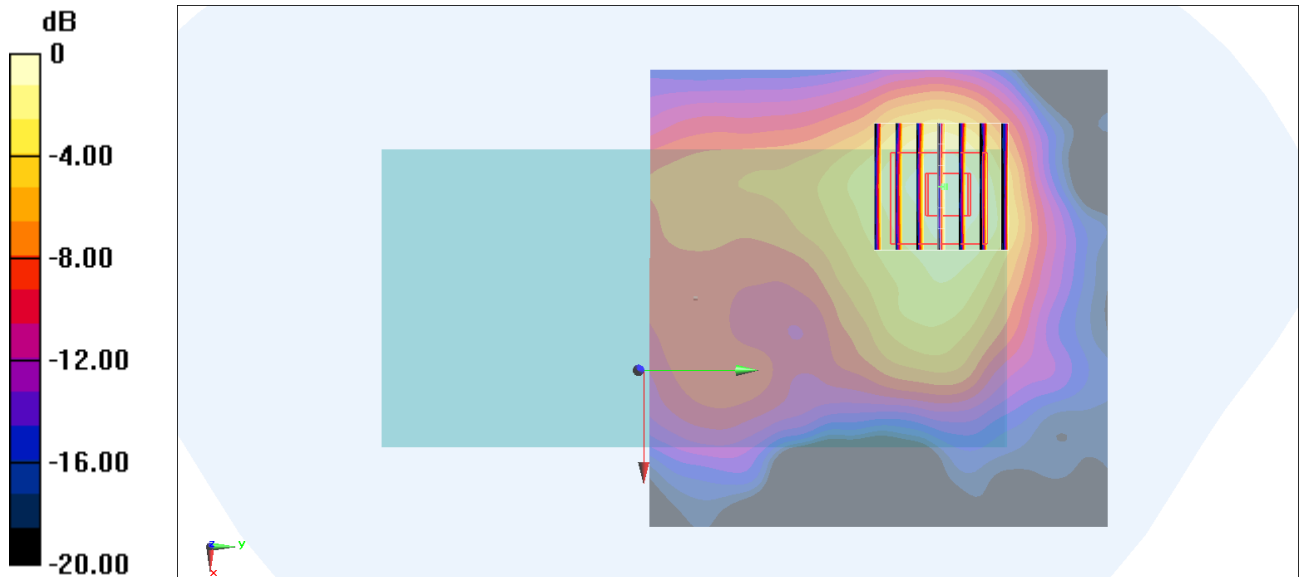
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.453 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.0950 W/kg

**SAR(1 g) = 0.049 W/kg; SAR(10 g) = 0.025 W/kg**

Maximum value of SAR (measured) = 0.0614 W/kg



0 dB = 0.0650 W/kg = -11.87 dBW/kg

## #23\_GSM850\_GPRS (3 Tx slots)\_Back\_15mm\_Ch189

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:2.77

Medium: HSL\_850\_220119 Medium parameters used :  $f = 836.4$  MHz;  $\sigma = 0.913$  S/m;  $\epsilon_r = 41.903$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.41, 6.41, 6.41) @ 836.4 MHz; Calibrated: 2021/9/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2021/12/29
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1684
- 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) = 0.386 W/kg

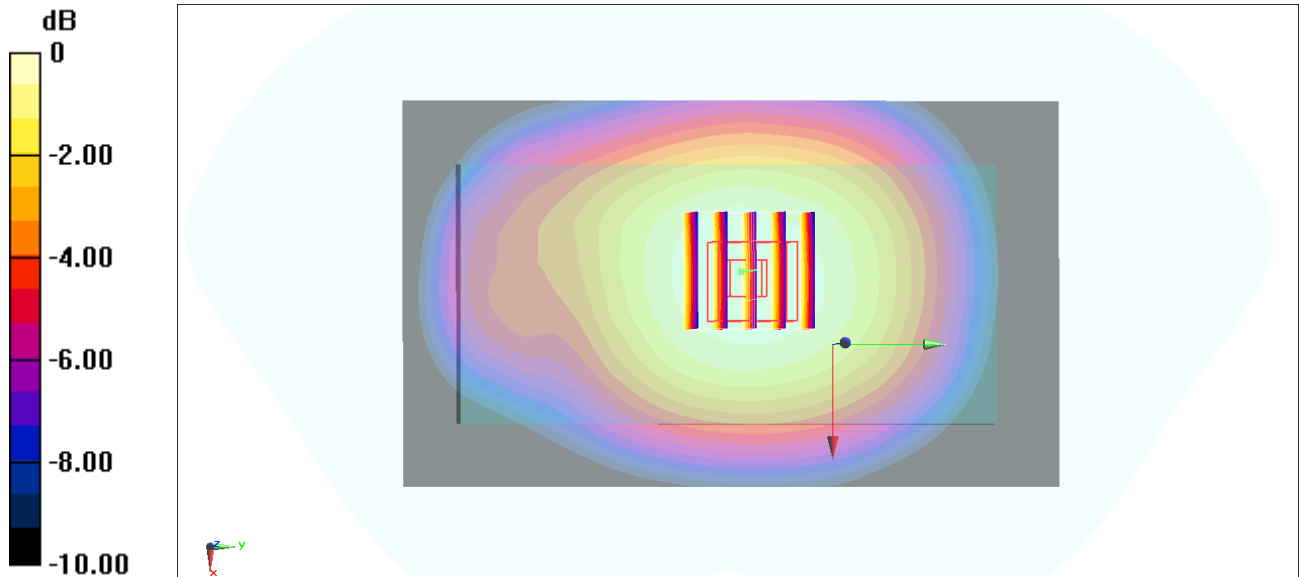
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.66 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.439 W/kg

**SAR(1 g) = 0.344 W/kg; SAR(10 g) = 0.259 W/kg**

Maximum value of SAR (measured) = 0.383 W/kg



0 dB = 0.383 W/kg = -4.17 dBW/kg

**#24\_GSM1900\_GPRS (3 Tx slots)\_Back\_15mm\_Ch512**

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:2.77

Medium: HSL\_1900\_220117 Medium parameters used :  $f = 1850.2$  MHz;  $\sigma = 1.407$  S/m;  $\epsilon_r = 40.596$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.26, 5.26, 5.26) @ 1850.2 MHz; Calibrated: 2021/9/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2021/12/29
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.179 W/kg

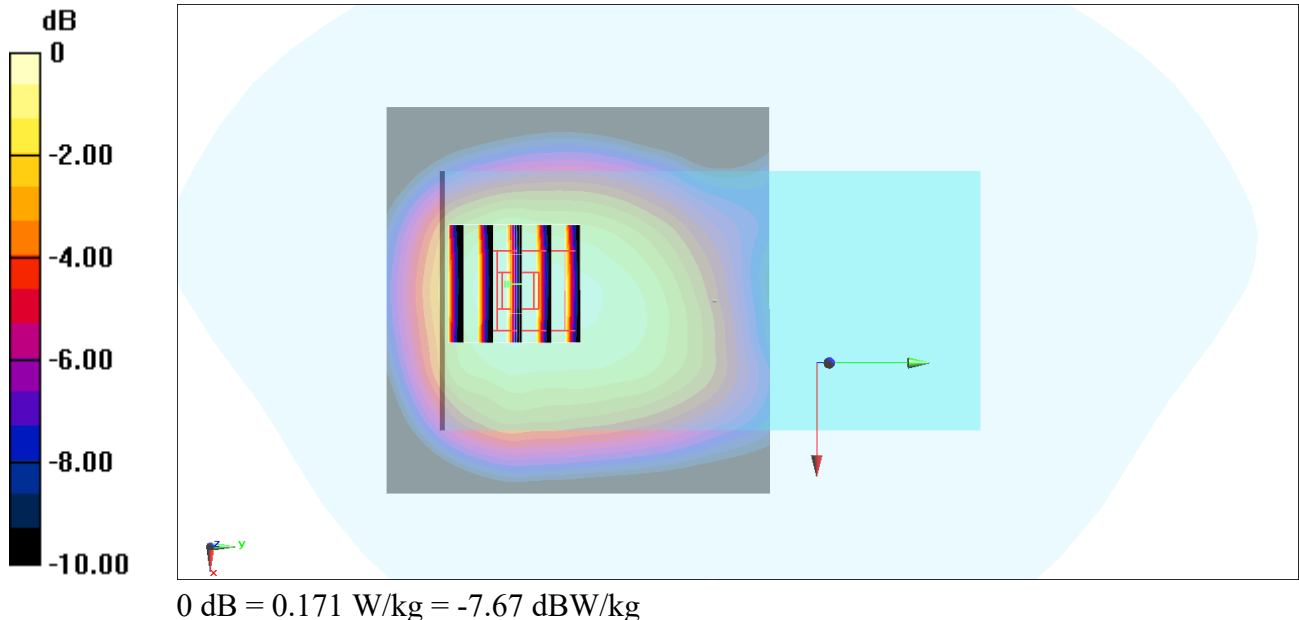
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.32 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.230 W/kg

**SAR(1 g) = 0.147 W/kg; SAR(10 g) = 0.095 W/kg**

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





## #25\_WCDMA II\_RMC 12.2Kbps\_Back\_15mm\_Ch9262

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_220117 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.403$  S/m;  $\epsilon_r = 40.583$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.26, 5.26, 5.26) @ 1852.4 MHz; Calibrated: 2021/9/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2021/12/29
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1684
- 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) = 0.297 W/kg

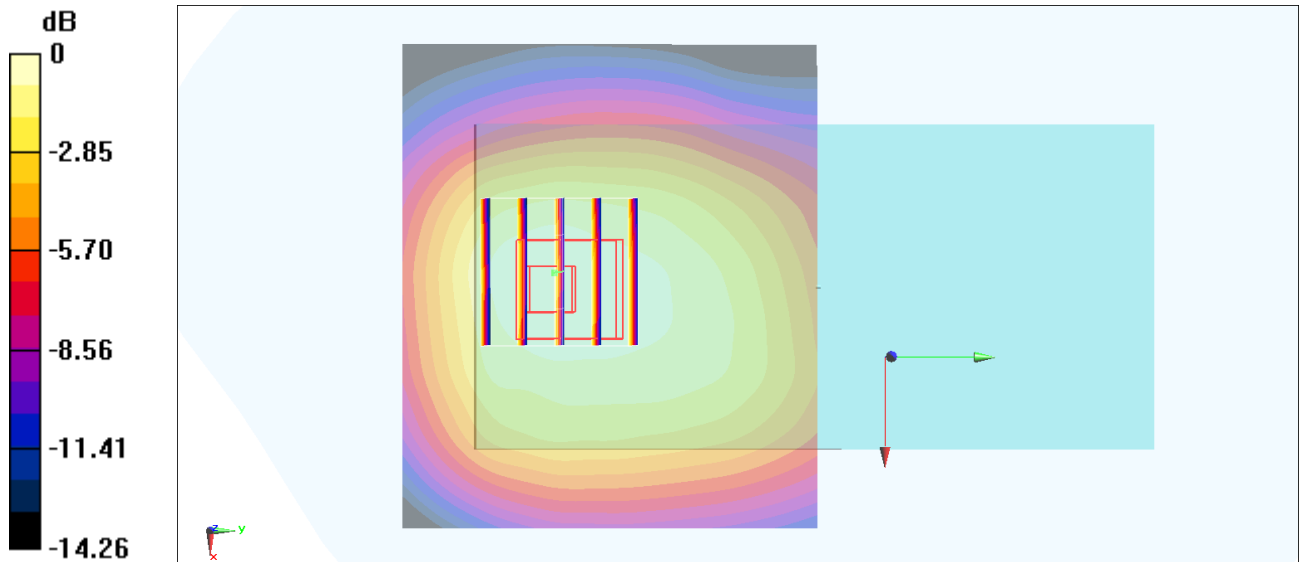
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.24 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.401 W/kg

**SAR(1 g) = 0.256 W/kg; SAR(10 g) = 0.163 W/kg**

Maximum value of SAR (measured) = 0.297 W/kg



0 dB = 0.297 W/kg = -5.27 dBW/kg

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

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

Medium: HSL\_850\_220119 Medium parameters used :  $f = 826.4$  MHz;  $\sigma = 0.907$  S/m;  $\epsilon_r = 41.959$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.41, 6.41, 6.41) @ 826.4 MHz; Calibrated: 2021/9/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2021/12/29
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1684
- 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) = 0.466 W/kg

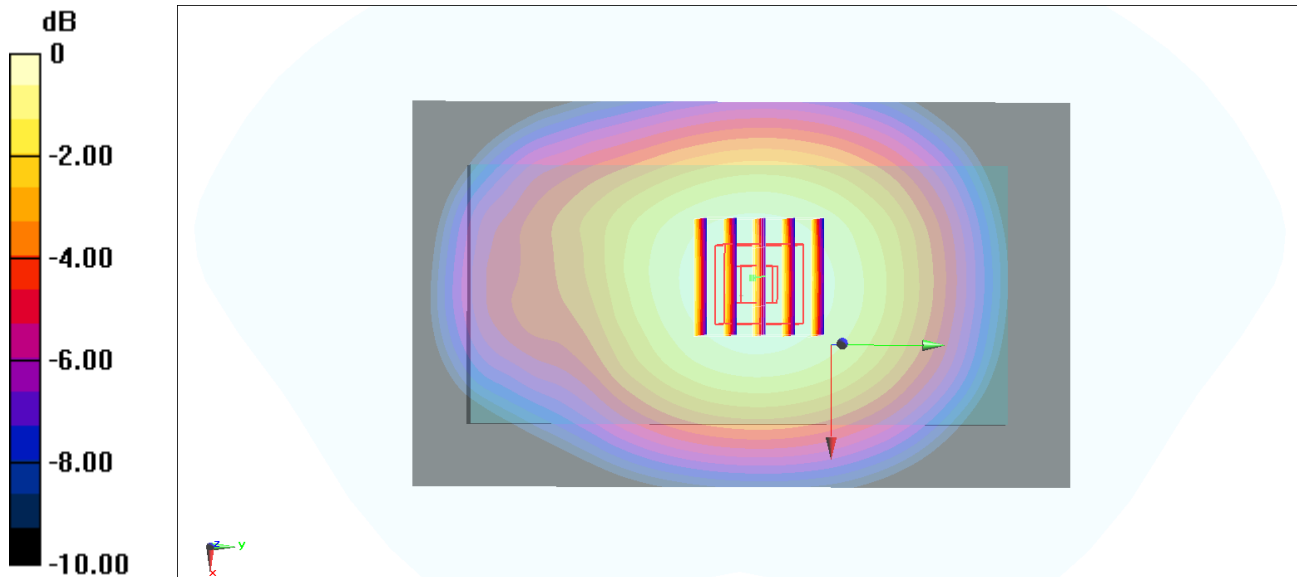
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.69 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.527 W/kg

**SAR(1 g) = 0.417 W/kg; SAR(10 g) = 0.314 W/kg**

Maximum value of SAR (measured) = 0.460 W/kg



0 dB = 0.460 W/kg = -3.37 dBW/kg

**#27\_LTE Band 2\_20M\_QPSK\_1\_49\_Back\_15mm\_Ch18900**

Communication System: LTE; Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: HSL\_1900\_220118 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.424$  S/m;  $\epsilon_r = 40.512$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.26, 5.26, 5.26) @ 1880 MHz; Calibrated: 2021/9/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn316; Calibrated: 2021/1/19
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Area Scan (71x71x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.278 W/kg

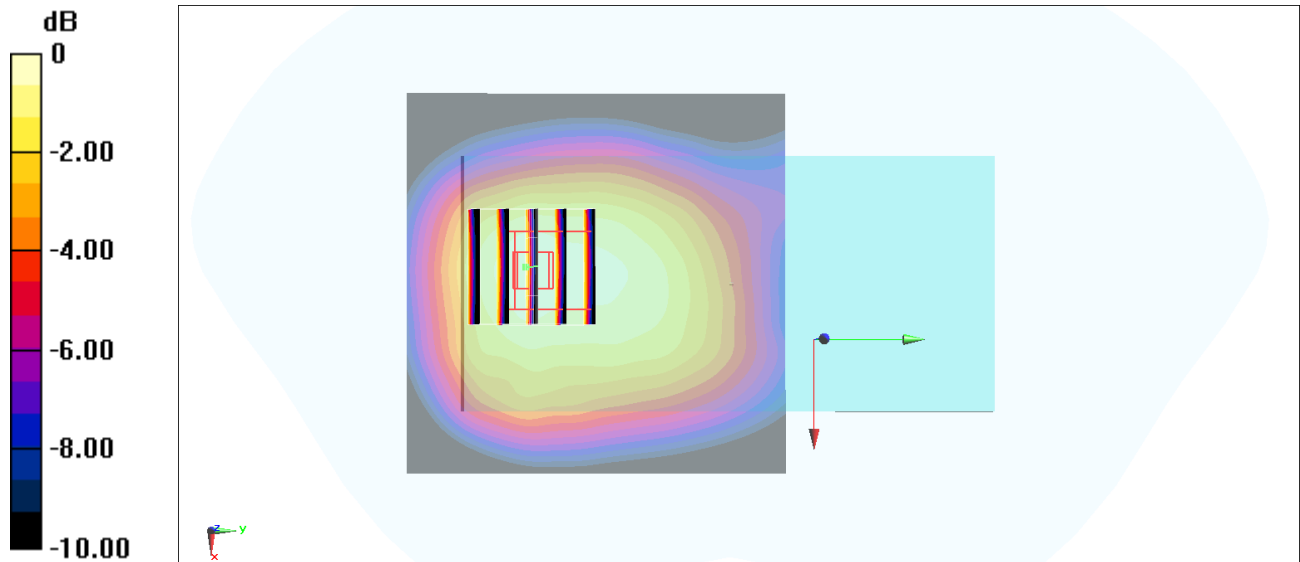
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.83 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.361 W/kg

**SAR(1 g) = 0.232 W/kg; SAR(10 g) = 0.148 W/kg**

Maximum value of SAR (measured) = 0.274 W/kg



**#28\_LTE Band 5\_10M\_QPSK\_1\_49\_Back\_15mm\_Ch20525**

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

Medium: HSL\_850\_220119 Medium parameters used :  $f = 836.5$  MHz;  $\sigma = 0.913$  S/m;  $\epsilon_r = 41.902$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.41, 6.41, 6.41) @ 836.5 MHz; Calibrated: 2021/9/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2021/12/29
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1684
- 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) = 0.351 W/kg

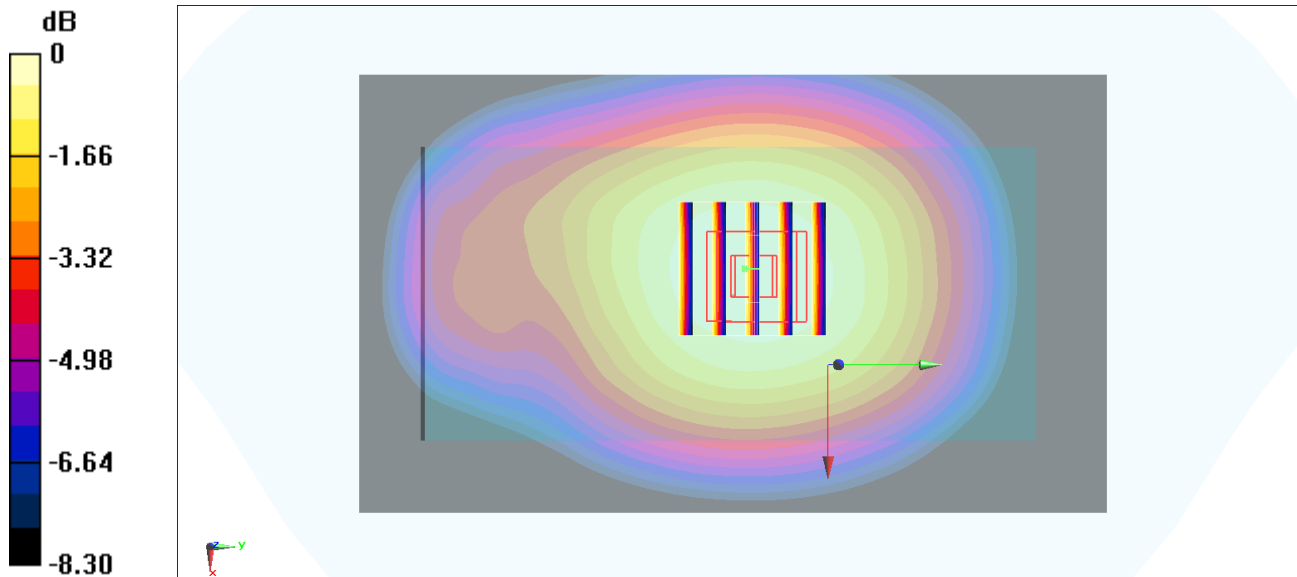
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.86 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.405 W/kg

**SAR(1 g) = 0.318 W/kg; SAR(10 g) = 0.238 W/kg**

Maximum value of SAR (measured) = 0.351 W/kg



0 dB = 0.351 W/kg = -4.55 dBW/kg

**#29\_LTE Band 7\_20M\_QPSK\_1\_49\_Back\_15mm\_Ch21100**

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

Medium: HSL\_2600\_220120 Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.884$  S/m;  $\epsilon_r = 39.65$ ;  $\rho = 1000$  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) @ 2535 MHz; Calibrated: 2021/9/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2021/12/29
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1684
- 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) = 0.307 W/kg

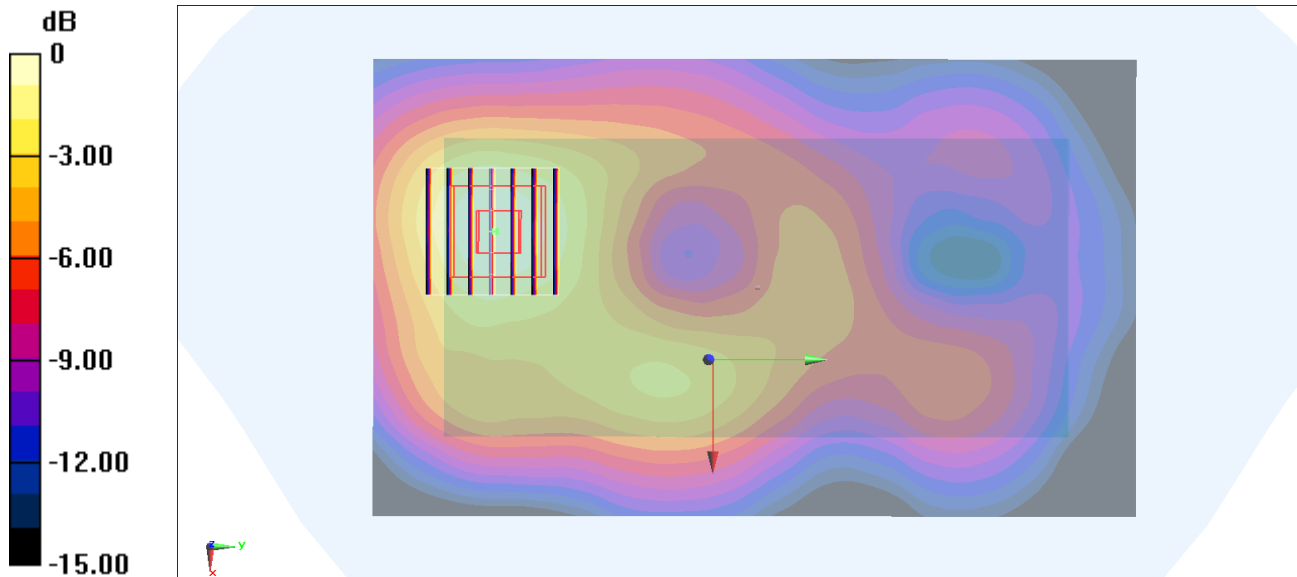
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.27 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.427 W/kg

**SAR(1 g) = 0.252 W/kg; SAR(10 g) = 0.142 W/kg**

Maximum value of SAR (measured) = 0.307 W/kg



0 dB = 0.307 W/kg = -5.13 dBW/kg

**#30\_LTE Band 12\_10M\_QPSK\_1\_49\_Back\_15mm\_Ch23095**

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

Medium: HSL\_750\_220120 Medium parameters used :  $f = 707.5$  MHz;  $\sigma = 0.863$  S/m;  $\epsilon_r = 41.798$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.62, 6.62, 6.62) @ 707.5 MHz; Calibrated: 2021/9/21
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2021/12/29
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1684
- 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) = 0.0113 W/kg

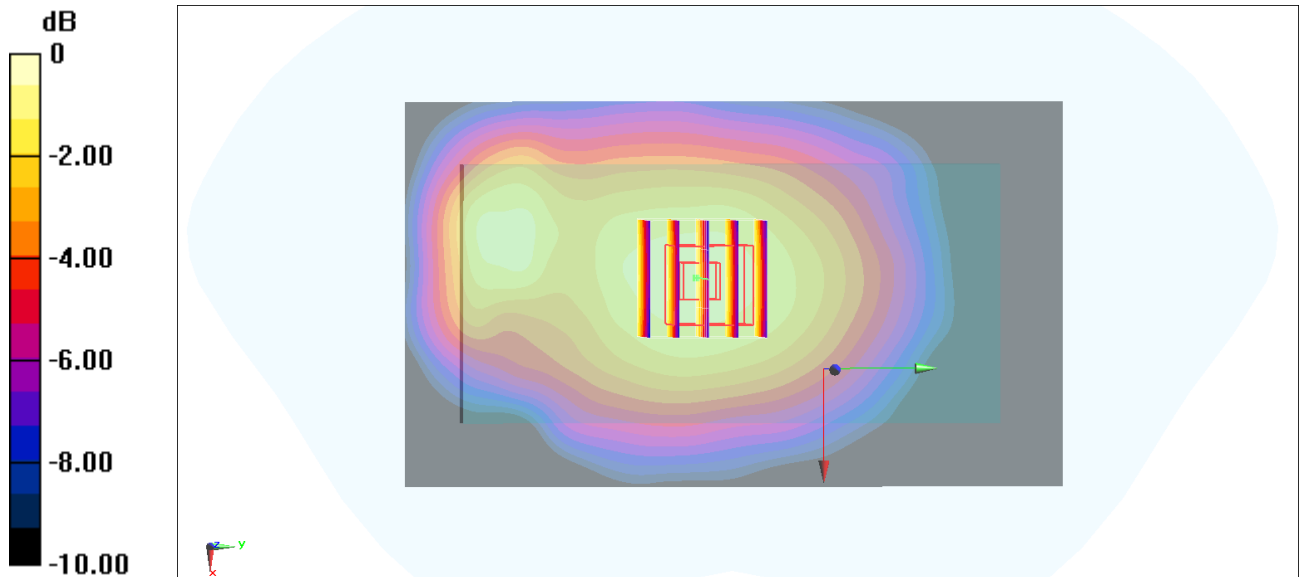
**Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.668 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.0160 W/kg

**SAR(1 g) = 0.013 W/kg; SAR(10 g) = 0.00937 W/kg**

Maximum value of SAR (measured) = 0.0139 W/kg



0 dB = 0.0139 W/kg = -18.57 dBW/kg

### #31\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_15mm\_Ch11

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1.007

Medium: HSL\_2450\_220314 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.845$  S/m;  $\epsilon_r = 38.974$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(4.6, 4.6, 4.6) @ 2462 MHz; Calibrated: 2021/9/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2021/12/29
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1684
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

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

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

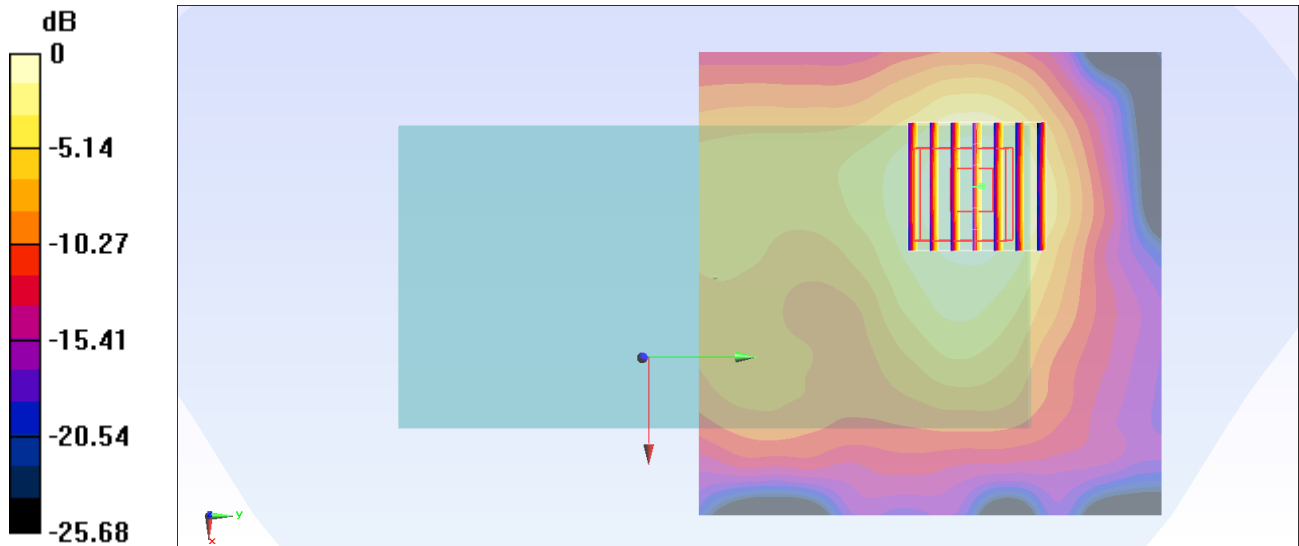
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.541 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.242 W/kg

**SAR(1 g) = 0.131 W/kg; SAR(10 g) = 0.069 W/kg**

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



0 dB = 0.163 W/kg = -7.88 dBW/kg

## #32\_WLAN5GHz\_802.11n-HT40 MCS0\_Back\_15mm\_Ch54

Communication System: 802.11n ; Frequency: 5270 MHz; Duty Cycle: 1:1.038

Medium: HSL\_5G\_220225 Medium parameters used:  $f = 5270$  MHz;  $\sigma = 4.813$  S/m;  $\epsilon_r = 36.129$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(5.54, 5.54, 5.54) @ 5270 MHz; Calibrated: 2021/3/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2022/1/20
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (101x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.987 W/kg

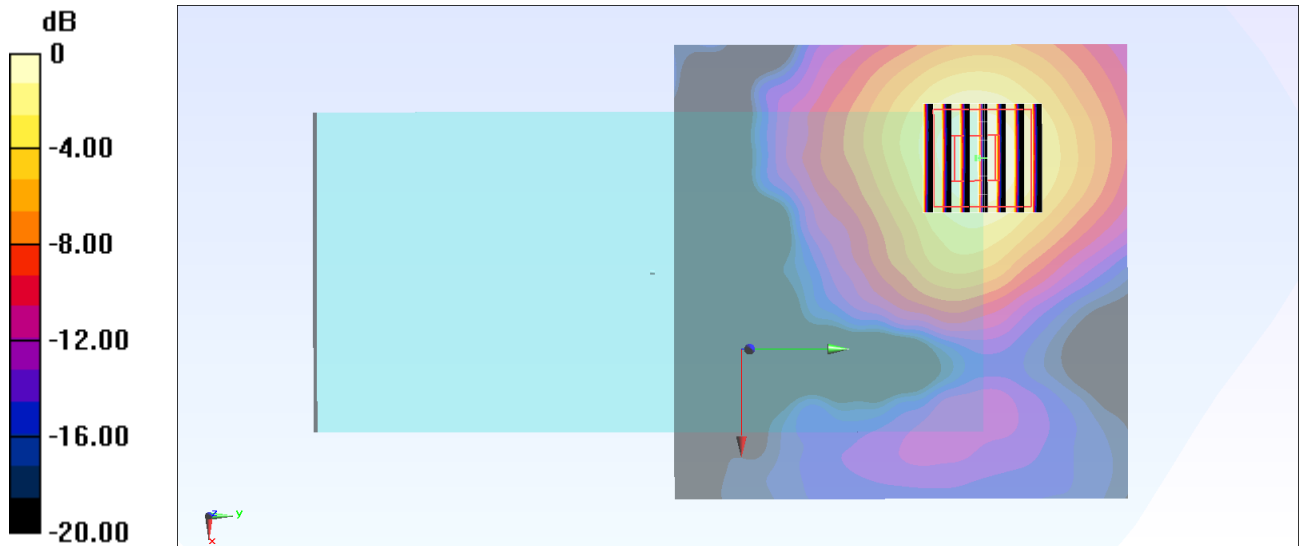
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.07 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 1.58 W/kg

**SAR(1 g) = 0.456 W/kg; SAR(10 g) = 0.182 W/kg**

Maximum value of SAR (measured) = 0.995 W/kg



0 dB = 0.987 W/kg = -0.06 dBW/kg



### #33\_WLAN5GHz\_802.11ac-VHT80 MCS0\_Back\_15mm\_Ch122

Communication System: 802.11ac; Frequency: 5610 MHz; Duty Cycle: 1:1.079

Medium: HSL\_5G\_220225 Medium parameters used (interpolated):  $f = 5610$  MHz;  $\sigma = 5.144$  S/m;  $\epsilon_r = 35.715$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7590; ConvF(5.02, 5.02, 5.02) @ 5610 MHz; Calibrated: 2021/3/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2022/1/20
- Phantom: SAM\_Right; Type: QD000P40CD; Serial: TP:1681
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

**Area Scan (101x101x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.628 W/kg

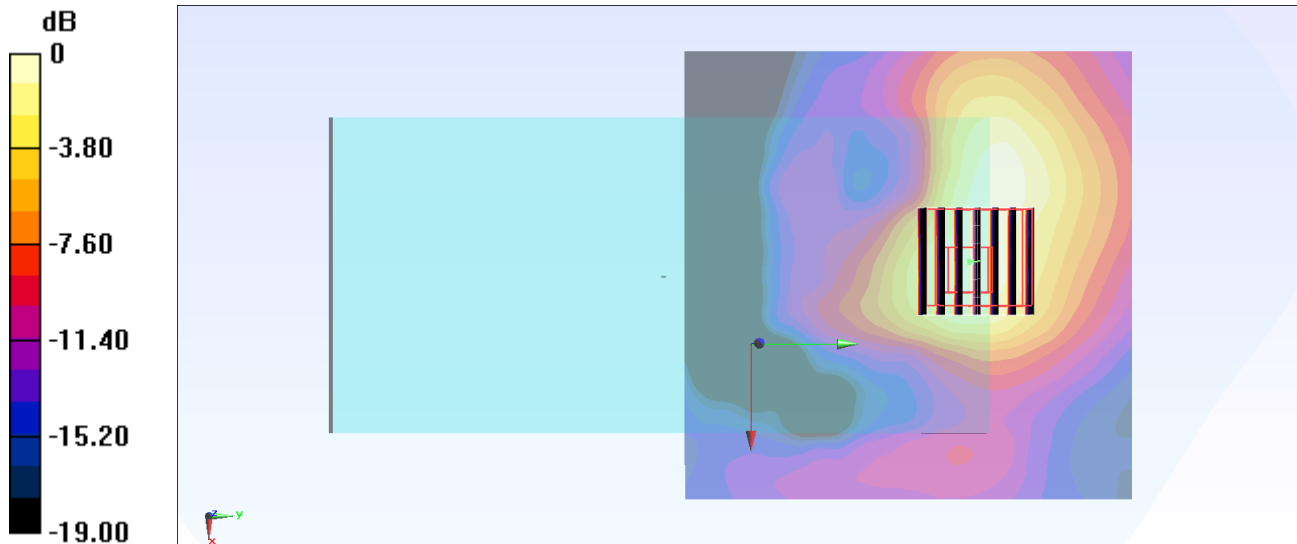
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.676 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.992 W/kg

**SAR(1 g) = 0.260 W/kg; SAR(10 g) = 0.106 W/kg**

Maximum value of SAR (measured) = 0.583 W/kg



0 dB = 0.628 W/kg = -2.02 dBW/kg

## #34\_Bluetooth\_1Mbps\_Back\_15mm\_Ch78

Communication System: Bluetooth; Frequency: 2480 MHz; Duty Cycle: 1:1.295

Medium: HSL\_2450\_220210 Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.832$  S/m;  $\epsilon_r = 39.003$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3184; ConvF(4.6, 4.6, 4.6) @ 2480 MHz; Calibrated: 2021/9/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn699; Calibrated: 2021/2/16
- Phantom: SAM\_Left; Type: QD000P40CD; Serial: TP:1684
- 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) = 0.0287 W/kg

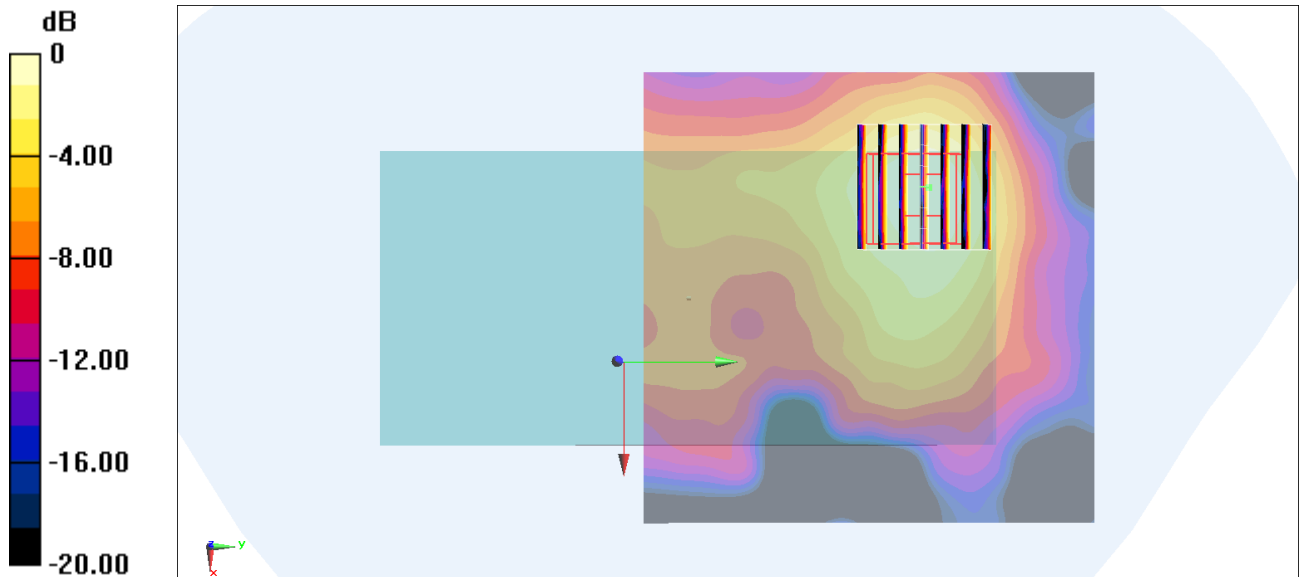
**Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.673 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.0440 W/kg

**SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.012 W/kg**

Maximum value of SAR (measured) = 0.0287 W/kg



0 dB = 0.0287 W/kg = -15.43 dBW/kg