

**16\_WLAN2.4GHz\_802.11b 1Mbps\_Right Tilted\_0mm\_Ch11\_Ant1**

Communication System: UID 0, WIFI (0); Frequency: 2462 MHz; Duty Cycle: 1:1.014

Medium: HSL\_2450 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.869$  S/m;  $\epsilon_r = 38.915$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(6.78, 6.78, 6.78); Calibrated: 2016.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM2; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch11/Area Scan (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.33 W/kg

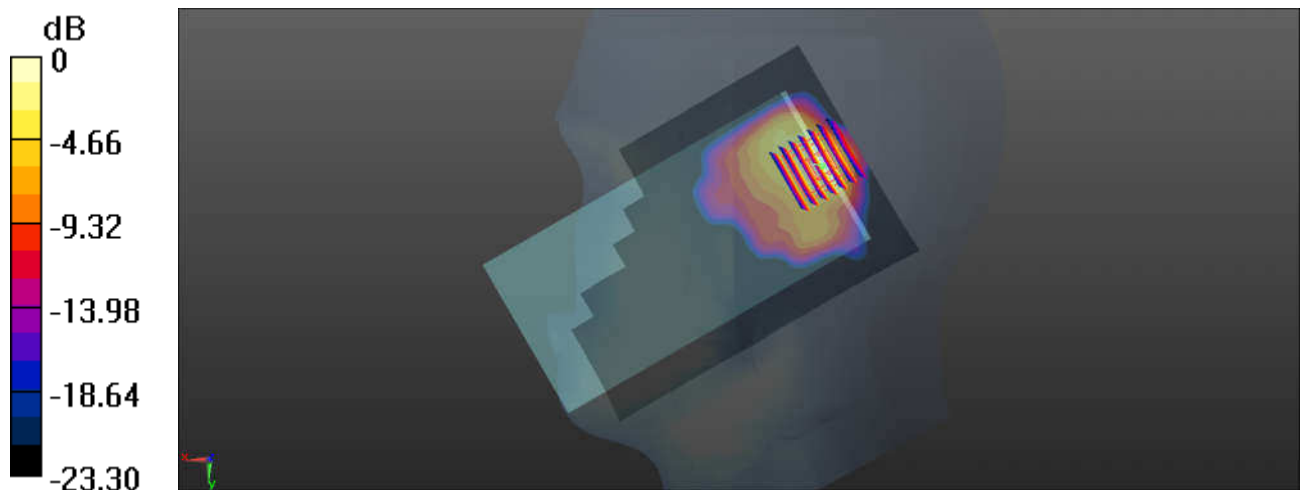
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.54 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.15 W/kg

**SAR(1 g) = 0.995 W/kg; SAR(10 g) = 0.422 W/kg**

Maximum value of SAR (measured) = 1.59 W/kg



0 dB = 1.59 W/kg = 2.01 dBW/kg

**17\_WLAN2.4GHz\_802.11b 1Mbps\_Left Tilted\_0mm\_Ch6\_Ant 2**

Communication System: UID 0, WIFI (0); Frequency: 2437 MHz; Duty Cycle: 1:1.013

Medium: HSL\_2450 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.839$  S/m;  $\epsilon_r = 39.016$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(6.78, 6.78, 6.78); Calibrated: 2016.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM2; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch6/Area Scan (91x161x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.61 W/kg

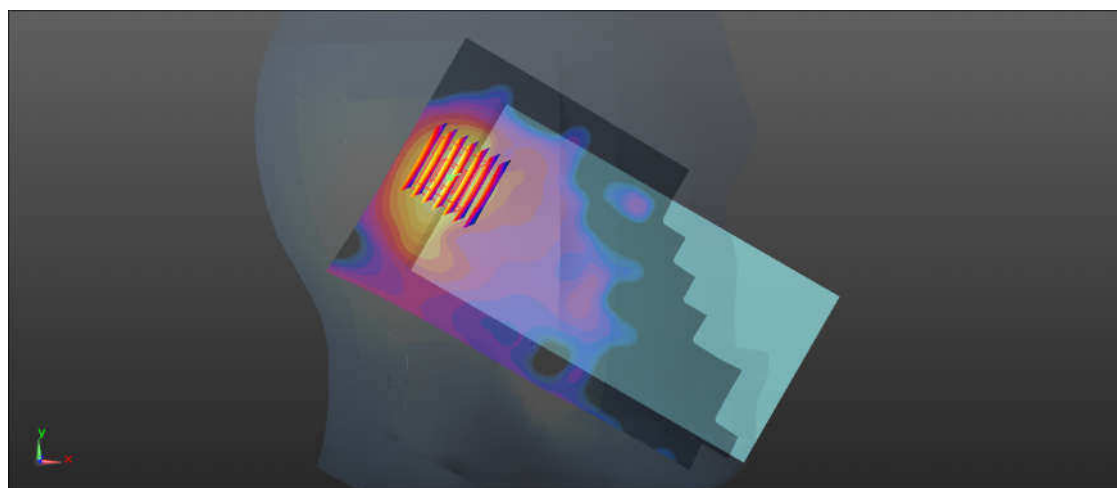
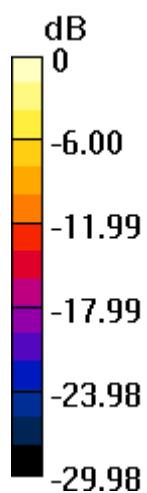
**Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.73 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 2.00 W/kg

**SAR(1 g) = 0.914 W/kg; SAR(10 g) = 0.375 W/kg**

Maximum value of SAR (measured) = 1.45 W/kg



0 dB = 1.45 W/kg = 1.61 dBW/kg

**18\_WLAN2.4GHz\_802.11n-HT20 MCS0\_Right Cheek\_0mm\_Ch11\_Ant1+2**

Communication System: UID 0, WIFI (0); Frequency: 2462 MHz; Duty Cycle: 1:1.084

Medium: HSL\_2450 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.869$  S/m;  $\epsilon_r = 38.915$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(6.78, 6.78, 6.78); Calibrated: 2016.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM2; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch11/Area Scan (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.22 W/kg

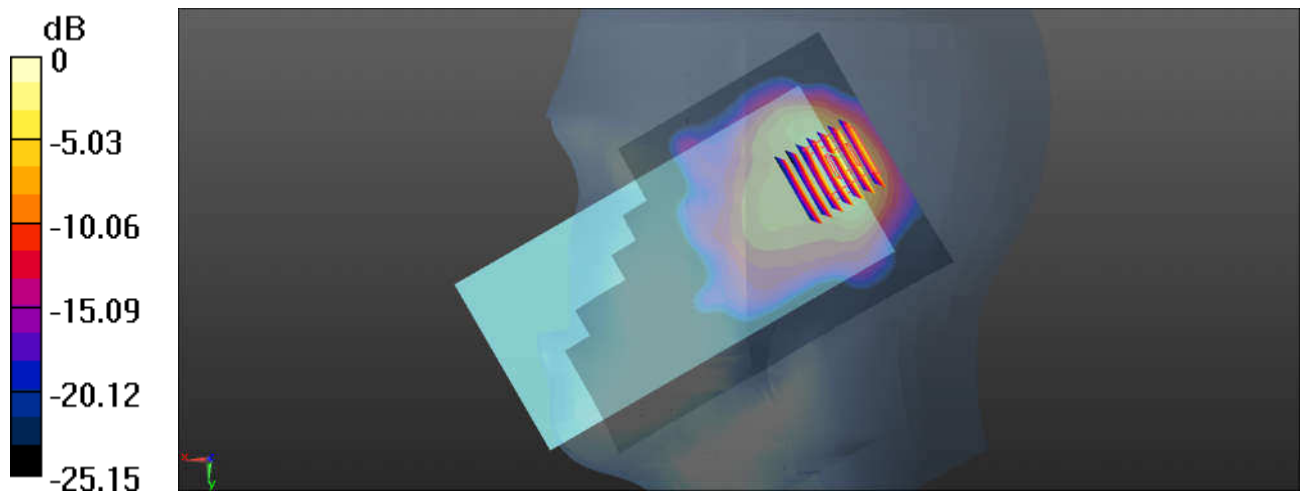
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.11 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 2.03 W/kg

**SAR(1 g) = 0.925 W/kg; SAR(10 g) = 0.389 W/kg**

Maximum value of SAR (measured) = 1.49 W/kg



0 dB = 1.49 W/kg = 1.73 dBW/kg

**19\_WLAN5.3GHz\_802.11a 6Mbps\_Left Cheek\_0mm\_Ch64\_Ant 1**

Communication System: UID 0, WIFI (0); Frequency: 5320 MHz; Duty Cycle: 1:1.071

Medium: HSL\_5000 Medium parameters used:  $f = 5320$  MHz;  $\sigma = 4.695$  S/m;  $\epsilon_r = 36.283$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4.41, 4.41, 4.41); Calibrated: 2016.6.27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM2; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch64/Area Scan (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.18 W/kg

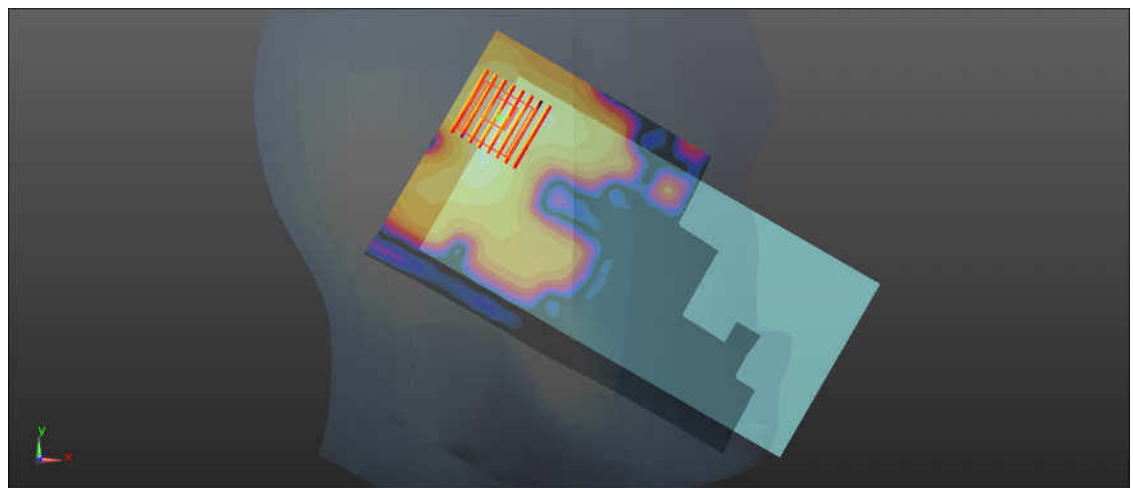
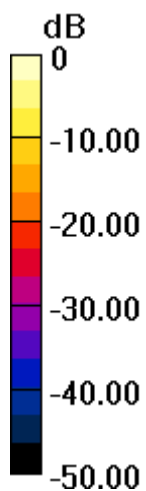
**Ch64/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.44 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.29 W/kg

**SAR(1 g) = 0.549 W/kg; SAR(10 g) = 0.186 W/kg**

Maximum value of SAR (measured) = 1.37 W/kg



0 dB = 1.37 W/kg = 1.37 dBW/kg

**20\_WLAN5.3GHz\_802.11a 6Mbps\_Left Cheek\_0mm\_Ch52\_Ant 2**

Communication System: UID 0, WIFI (0); Frequency: 5260 MHz; Duty Cycle: 1:1.076

Medium: HSL\_5000 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.634$  S/m;  $\epsilon_r = 36.378$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4.41, 4.41, 4.41); Calibrated: 2016.6.27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM2; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch52/Area Scan (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.512 W/kg

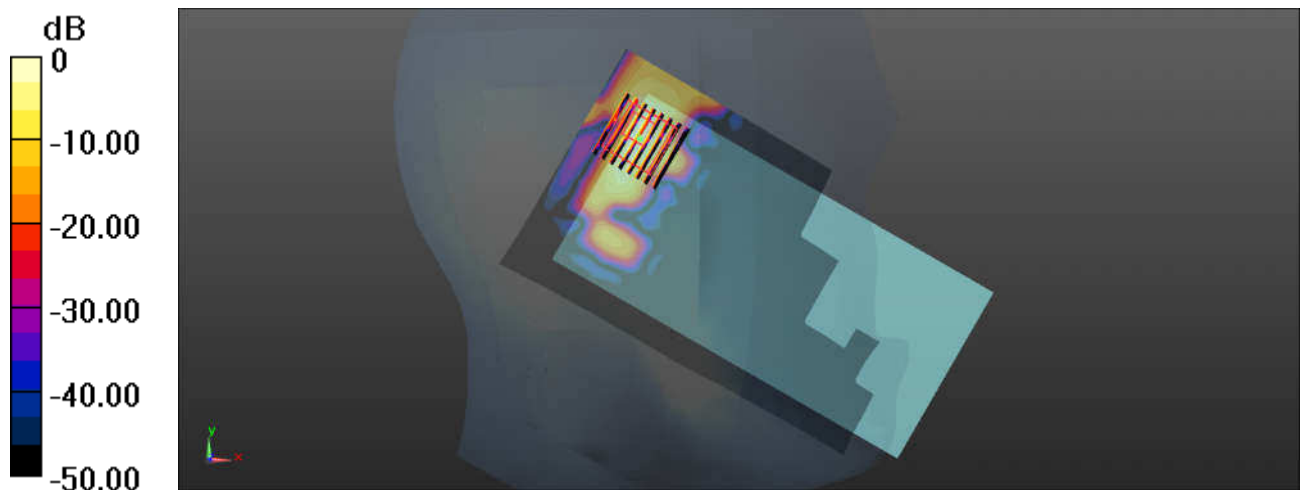
**Ch52/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.929 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.742 W/kg

**SAR(1 g) = 0.157 W/kg; SAR(10 g) = 0.037 W/kg**

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



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

**21\_WLAN5.3GHz\_802.11n-HT20 MCS0\_Left Cheek\_0mm\_Ch64\_Ant 1+2**

Communication System: UID 0, WIFI (0); Frequency: 5320 MHz; Duty Cycle: 1:1.067

Medium: HSL\_5000 Medium parameters used:  $f = 5320$  MHz;  $\sigma = 4.656$  S/m;  $\epsilon_r = 36.342$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4.41, 4.41, 4.41); Calibrated: 2016.6.27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM2; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch64/Area Scan (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.53 W/kg

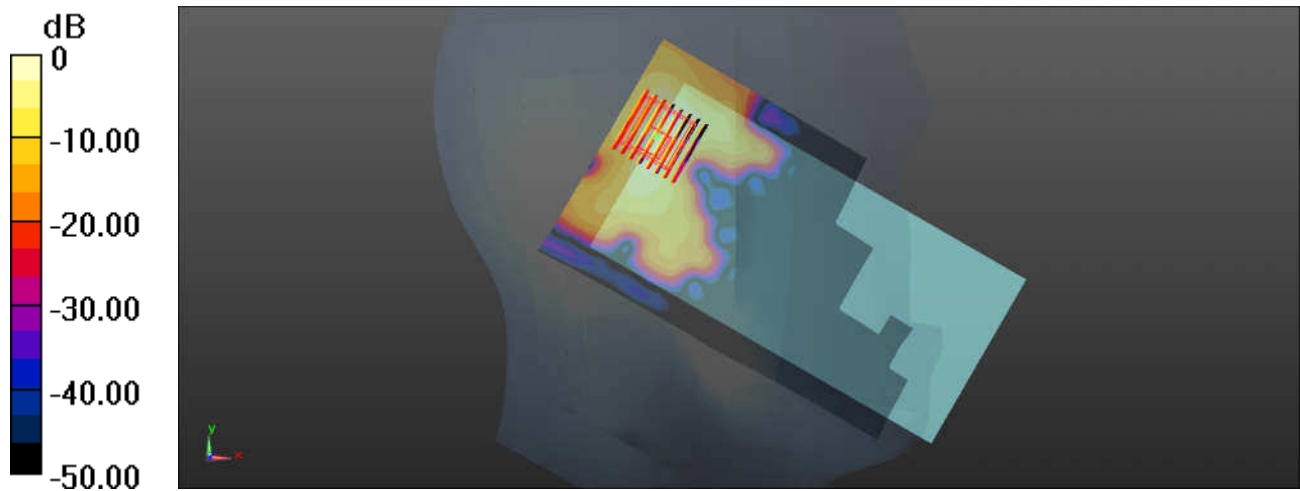
**Ch64/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 12.75 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 2.29 W/kg

**SAR(1 g) = 0.551 W/kg; SAR(10 g) = 0.178 W/kg**

Maximum value of SAR (measured) = 1.40 W/kg



0 dB = 1.40 W/kg = 1.46 dBW/kg

**22\_WLAN5.5GHz\_802.11a 6Mbps\_Left Cheek\_0mm\_Ch100\_Ant 1**

Communication System: UID 0, WIFI (0); Frequency: 5500 MHz; Duty Cycle: 1:1.071

Medium: HSL\_5000 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 4.875$  S/m;  $\epsilon_r = 36.043$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4.32, 4.32, 4.32); Calibrated: 2016.6.27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM2; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch100/Area Scan (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

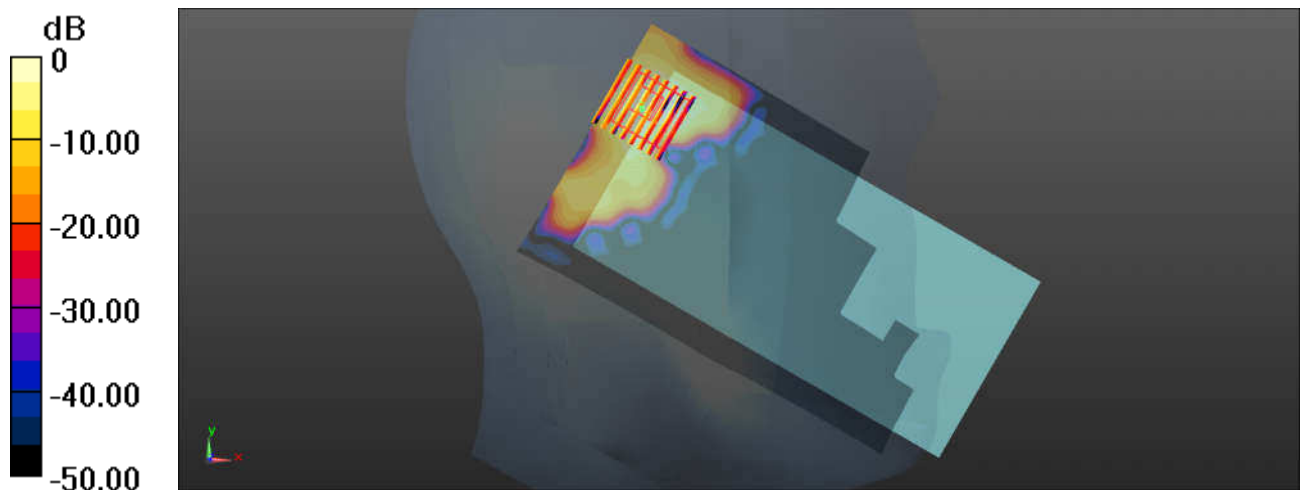
**Ch100/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.646 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.15 W/kg

**SAR(1 g) = 0.280 W/kg; SAR(10 g) = 0.096 W/kg**

Maximum value of SAR (measured) = 0.730 W/kg



0 dB = 0.730 W/kg = -1.37 dBW/kg

**23\_WLAN5.5GHz\_802.11n-HT20\_Left Cheek\_0mm\_Ch100\_Ant 2**

Communication System: UID 0, WIFI (0); Frequency: 5500 MHz; Duty Cycle: 1:1.084

Medium: HSL\_5000 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 4.893$  S/m;  $\epsilon_r = 36.203$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(4.7, 4.7, 4.7); Calibrated: 2016.11.28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM1; Type: SAM; Serial: TP-1644
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch100/Area Scan (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.301 W/kg

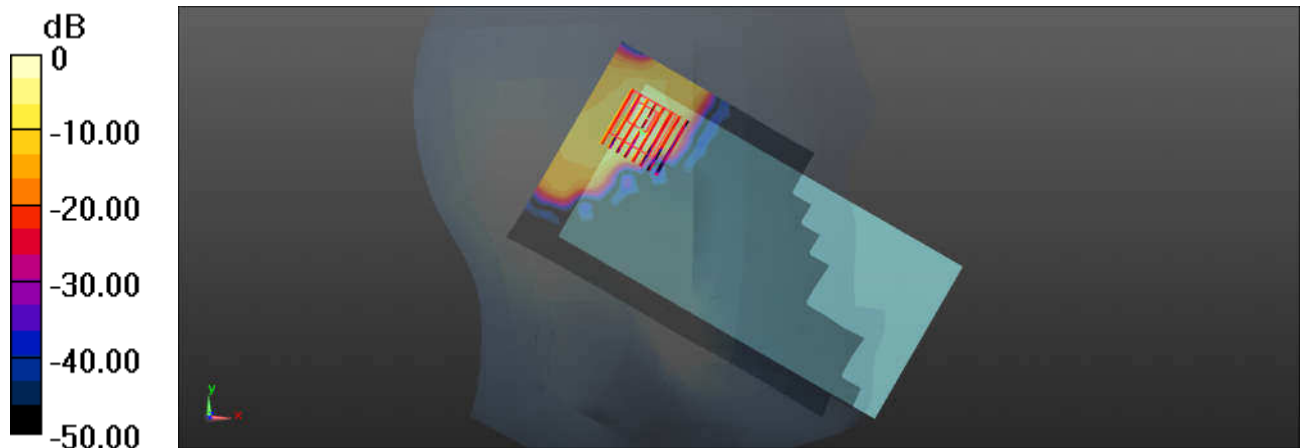
**Ch100/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.070 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.841 W/kg

**SAR(1 g) = 0.145 W/kg; SAR(10 g) = 0.033 W/kg**

Maximum value of SAR (measured) = 0.515 W/kg



0 dB = 0.515 W/kg = -2.88 dBW/kg

**24\_WLAN5.5GHz\_802.11n-HT20 MCS0\_Left Cheek\_0mm\_Ch100\_Ant 1+2**

Communication System: UID 0, WIFI (0); Frequency: 5500 MHz; Duty Cycle: 1:1.067

Medium: HSL\_5000 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 4.875$  S/m;  $\epsilon_r = 36.043$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4.32, 4.32, 4.32); Calibrated: 2016.6.27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM2; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch100/Area Scan (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.02 W/kg

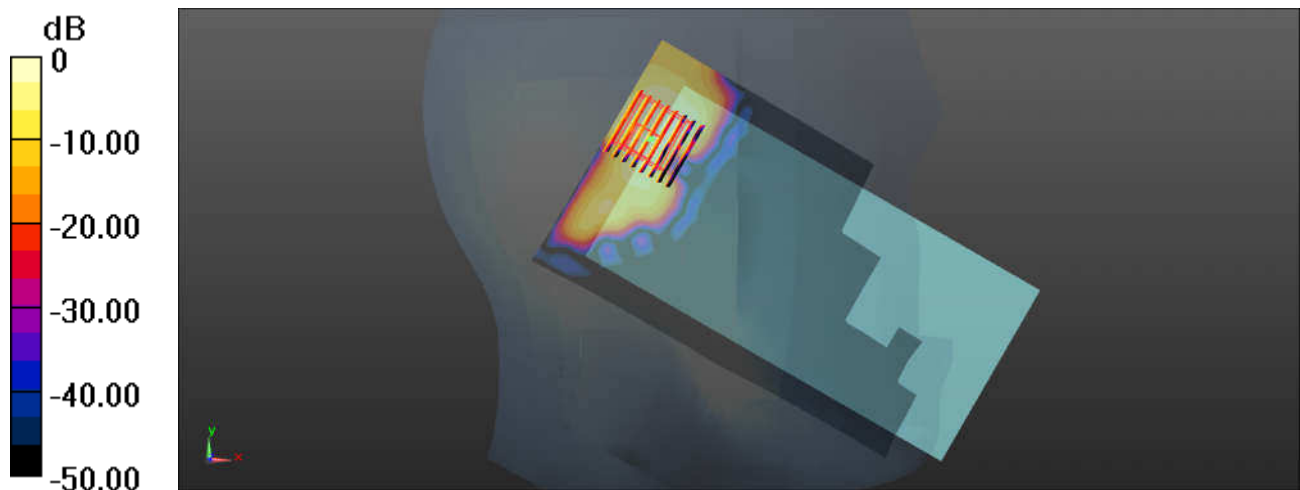
**Ch100/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.448 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.23 W/kg

**SAR(1 g) = 0.288 W/kg; SAR(10 g) = 0.100 W/kg**

Maximum value of SAR (measured) = 0.767 W/kg



0 dB = 0.767 W/kg = -1.15 dBW/kg

**25\_WLAN5.8GHz\_802.11a 6Mbps\_Left Cheek\_0mm\_Ch157\_Ant 1**

Communication System: UID 0, WIFI (0); Frequency: 5785 MHz; Duty Cycle: 1:1.071

Medium: HSL\_5000 Medium parameters used:  $f = 5785$  MHz;  $\sigma = 5.176$  S/m;  $\epsilon_r = 35.647$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4.14, 4.14, 4.14); Calibrated: 2016.6.27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM2; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch157/Area Scan (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.650 W/kg

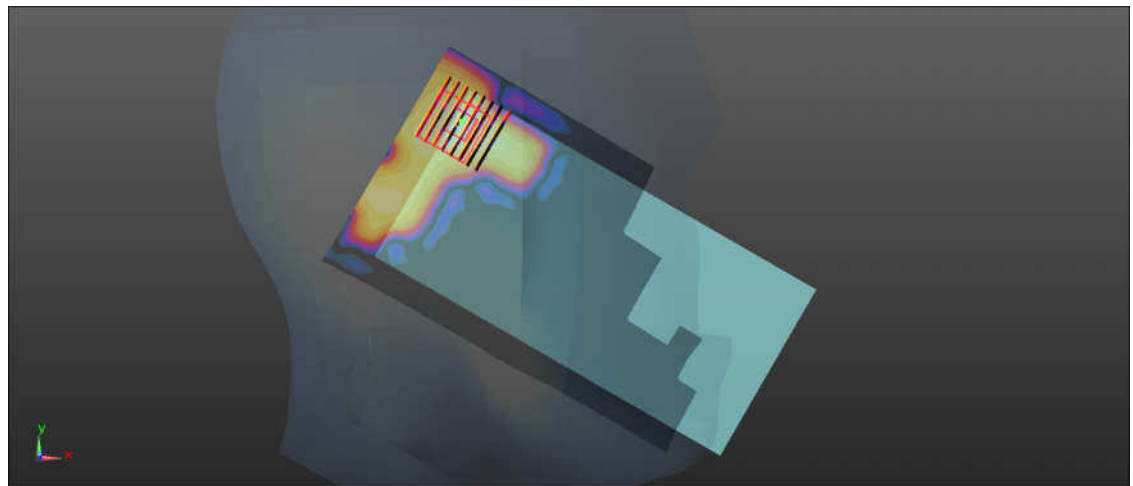
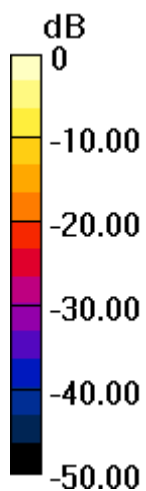
**Ch157/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.613 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.25 W/kg

**SAR(1 g) = 0.232 W/kg; SAR(10 g) = 0.057 W/kg**

Maximum value of SAR (measured) = 0.698 W/kg



0 dB = 0.698 W/kg = -1.56 dBW/kg

**26\_WLAN5.8GHz\_802.11a 6Mbps\_Left Check\_0mm\_Ch165\_Ant 2**

Communication System: UID 0, WIFI (0); Frequency: 5825 MHz; Duty Cycle: 1:1.076

Medium: HSL\_5000 Medium parameters used:  $f = 5825$  MHz;  $\sigma = 5.22$  S/m;  $\epsilon_r = 35.594$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4.14, 4.14, 4.14); Calibrated: 2016.6.27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM2; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch165/Area Scan (101x191x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.614 W/kg

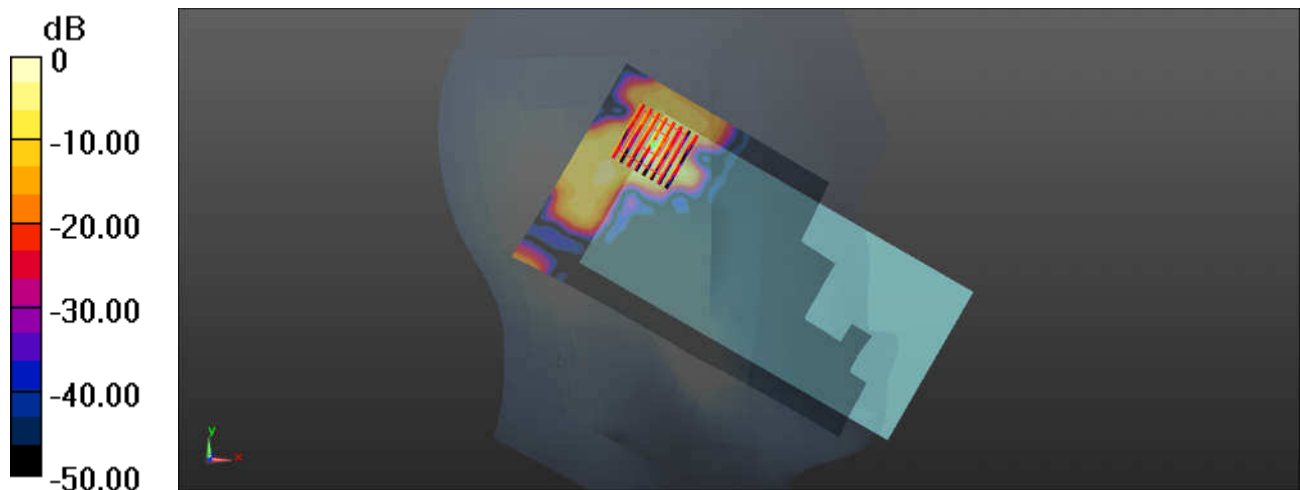
**Ch165/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.246 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.40 W/kg

**SAR(1 g) = 0.247 W/kg; SAR(10 g) = 0.056 W/kg**

Maximum value of SAR (measured) = 0.884 W/kg



0 dB = 0.884 W/kg = -0.54 dBW/kg

**27\_WLAN5.8GHz\_802.11n-HT20 MCS0\_Left Cheek\_0mm\_Ch165\_Ant 1+2**

Communication System: UID 0, WIFI (0); Frequency: 5825 MHz; Duty Cycle: 1:1.067

Medium: HSL\_5000 Medium parameters used:  $f = 5825$  MHz;  $\sigma = 5.22$  S/m;  $\epsilon_r = 35.594$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4.14, 4.14, 4.14); Calibrated: 2016.6.27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM2; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch165/Area Scan (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.713 W/kg

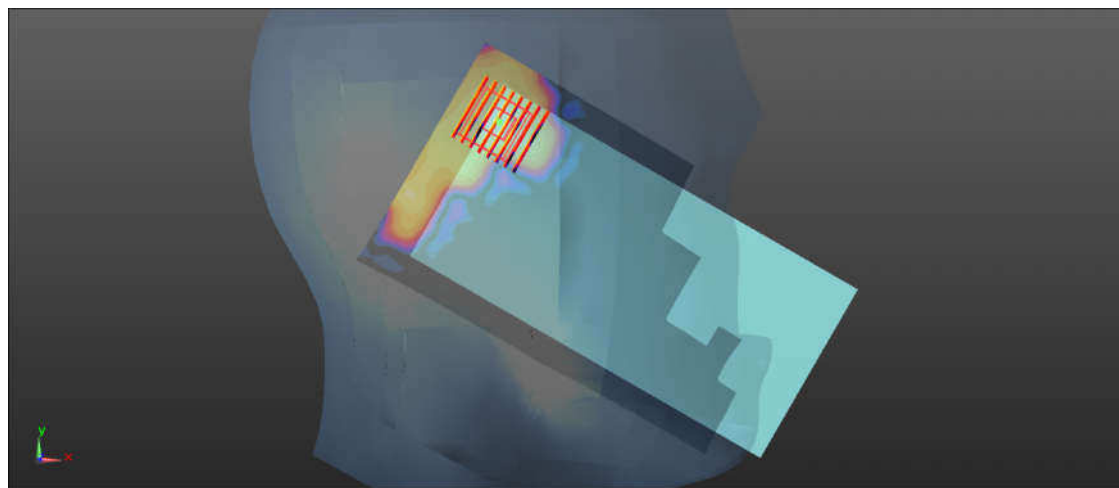
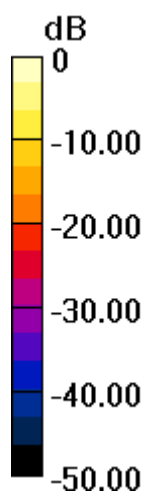
**Ch165/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.261 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.41 W/kg

**SAR(1 g) = 0.270 W/kg; SAR(10 g) = 0.066 W/kg**

Maximum value of SAR (measured) = 0.902 W/kg



0 dB = 0.902 W/kg = -0.45 dBW/kg

**28\_Bluetooth\_1Mbps\_Right Tilted\_0mm\_Ch78**

Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz; Duty Cycle: 1:1.302

Medium: HSL\_2450 Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.89$  S/m;  $\epsilon_r = 38.836$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(6.78, 6.78, 6.78); Calibrated: 2016.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM2; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch78/Area Scan (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

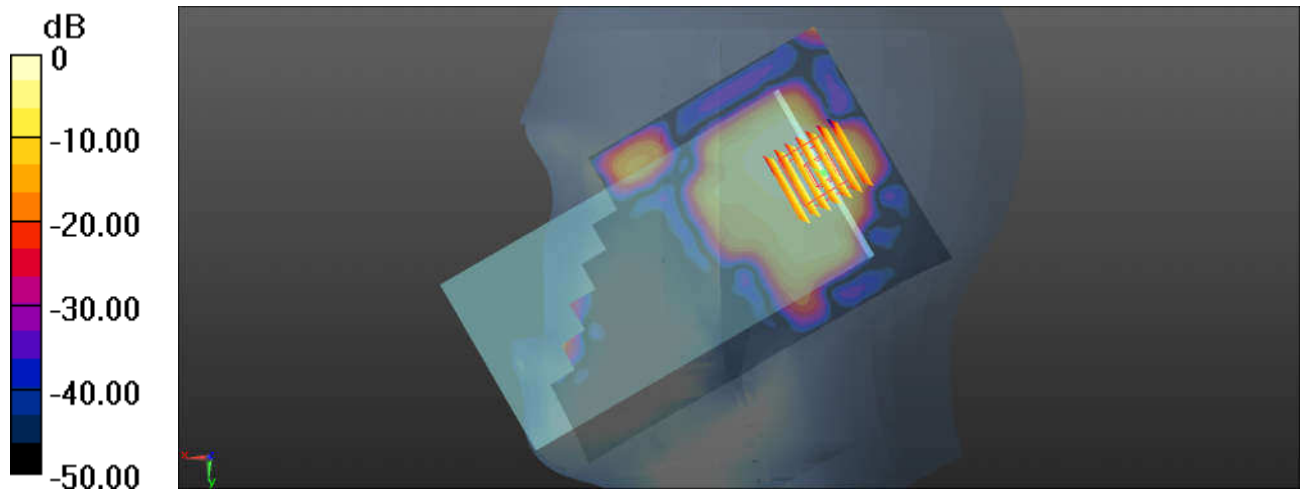
**Ch78/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.625 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.232 W/kg

**SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.043 W/kg**

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



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

**29\_GSM850\_GPRS 4 Tx slots\_Front\_10mm\_Ch128**

Communication System: UID 0, GPRS/EDGE (4 Tx slots) (0); Frequency: 824.2 MHz; Duty Cycle: 1:2.08

Medium: MSL\_850 Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.973$  S/m;  $\epsilon_r = 54.651$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(8.86, 8.86, 8.86); Calibrated: 2016.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM2; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch128/Area Scan (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.09 W/kg

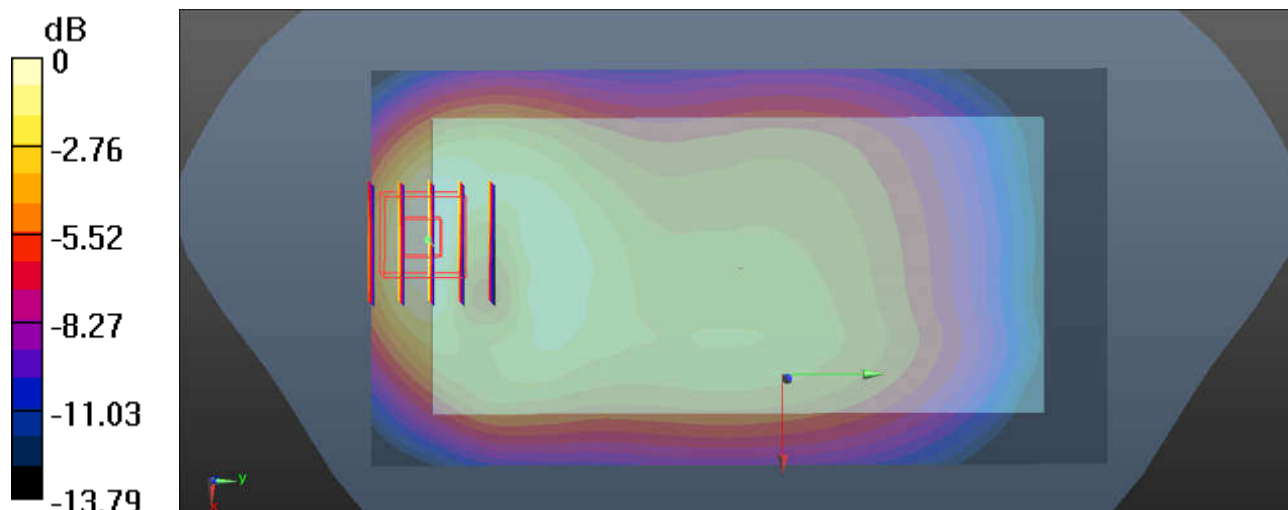
**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.85 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.29 W/kg

**SAR(1 g) = 0.788 W/kg; SAR(10 g) = 0.464 W/kg**

Maximum value of SAR (measured) = 1.07 W/kg



0 dB = 1.07 W/kg = 0.29 dBW/kg

**30\_GSM1900\_GPRS 3 Tx slots\_Bottom Side\_10mm\_Ch512**

Communication System: UID 0, GPRS/EDGE (3 Tx slots) (0); Frequency: 1850.2 MHz; Duty Cycle: 1:2.77

Medium: MSL\_1900 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.505$  S/m;  $\epsilon_r = 54.798$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.55, 7.55, 7.55); Calibrated: 2016.5.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2016.5.18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch512/Area Scan (41x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.45 W/kg

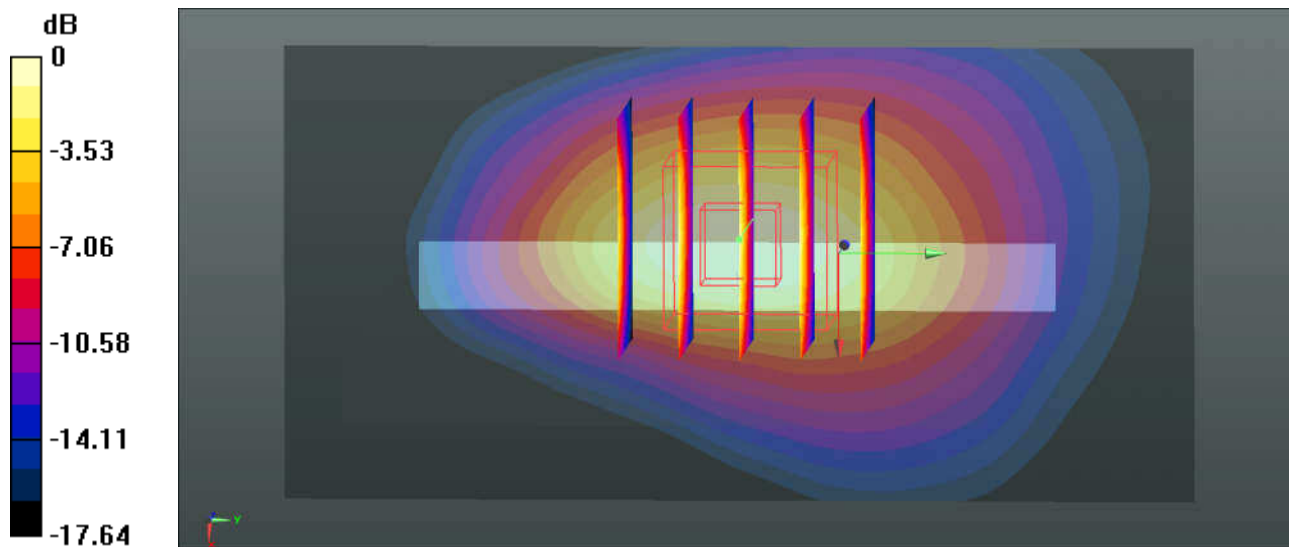
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.75 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.73 W/kg

**SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.555 W/kg**

Maximum value of SAR (measured) = 1.41 W/kg



0 dB = 1.41 W/kg = 1.49 dBW/kg

**31\_WCDMA Band V\_RMC12.2Kbps\_Front\_10mm\_Ch4233**

Communication System: UID 0, UMTS (0); Frequency: 846.6 MHz; Duty Cycle: 1:1  
Medium: MSL\_850 Medium parameters used:  $f = 846.6$  MHz;  $\sigma = 0.995$  S/m;  $\epsilon_r = 54.437$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3820; ConvF(8.86, 8.86, 8.86); Calibrated: 2016.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM2; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch4233/Area Scan (71x131x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.805 W/kg

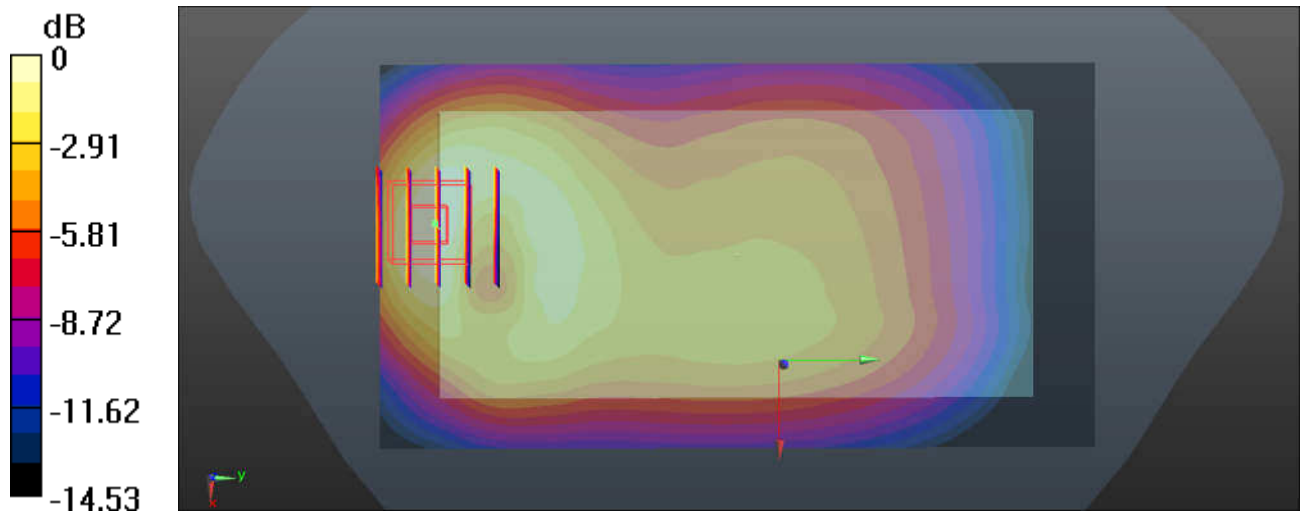
**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 18.88 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.970 W/kg

**SAR(1 g) = 0.593 W/kg; SAR(10 g) = 0.351 W/kg**

Maximum value of SAR (measured) = 0.802 W/kg



0 dB = 0.802 W/kg = -0.96 dBW/kg

**32\_WCDMA Band IV\_RMC 12.2Kbps\_Bottom Side\_10mm\_Ch1513**

Communication System: UID 0, UMTS (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: MSL\_1750 Medium parameters used:  $f = 1752.6$  MHz;  $\sigma = 1.512$  S/m;  $\epsilon_r = 54.526$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.81, 7.81, 7.81); Calibrated: 2016.5.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2016.5.18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch1513/Area Scan (31x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.48 W/kg

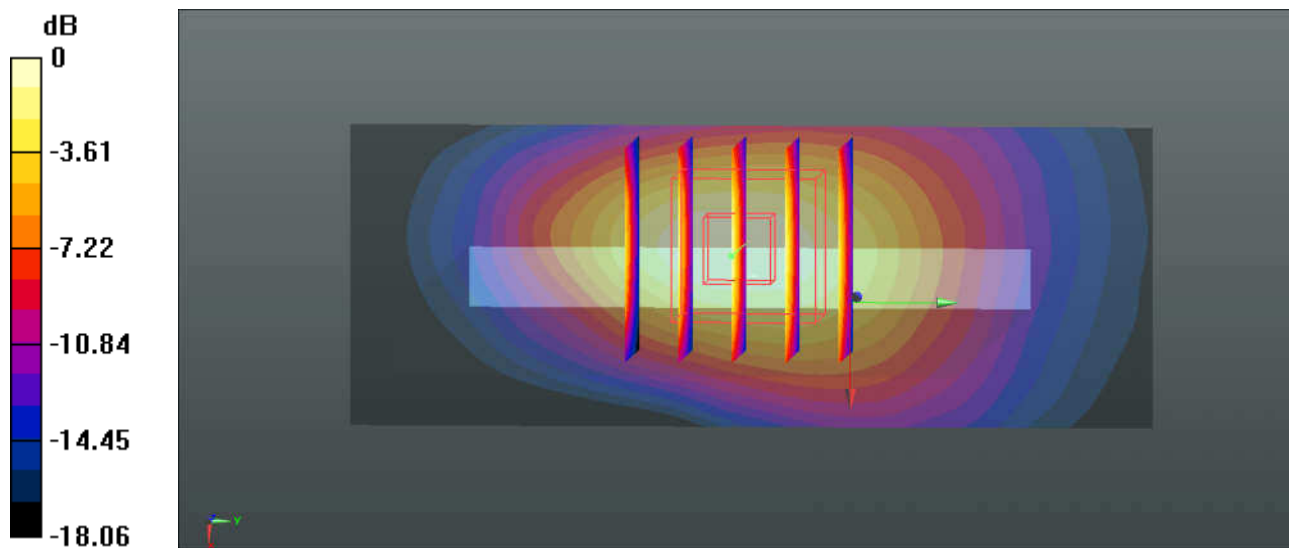
**Ch1513/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.09 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.76 W/kg

**SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.578 W/kg**

Maximum value of SAR (measured) = 1.44 W/kg



0 dB = 1.44 W/kg = 1.58 dBW/kg

**33\_WCDMA Band II\_RMC 12.2Kbps\_Bottom Side\_10mm\_Ch9262**

Communication System: UID 0, UMTS (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL\_1900 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.508$  S/m;  $\epsilon_r = 54.796$ ;  $\rho$

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

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.55, 7.55, 7.55); Calibrated: 2016.5.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2016.5.18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch9262/Area Scan (31x81x1):** Interpolated grid:  $dx = 1.500$  mm,  $dy = 1.500$  mm

Maximum value of SAR (interpolated) = 1.27 W/kg

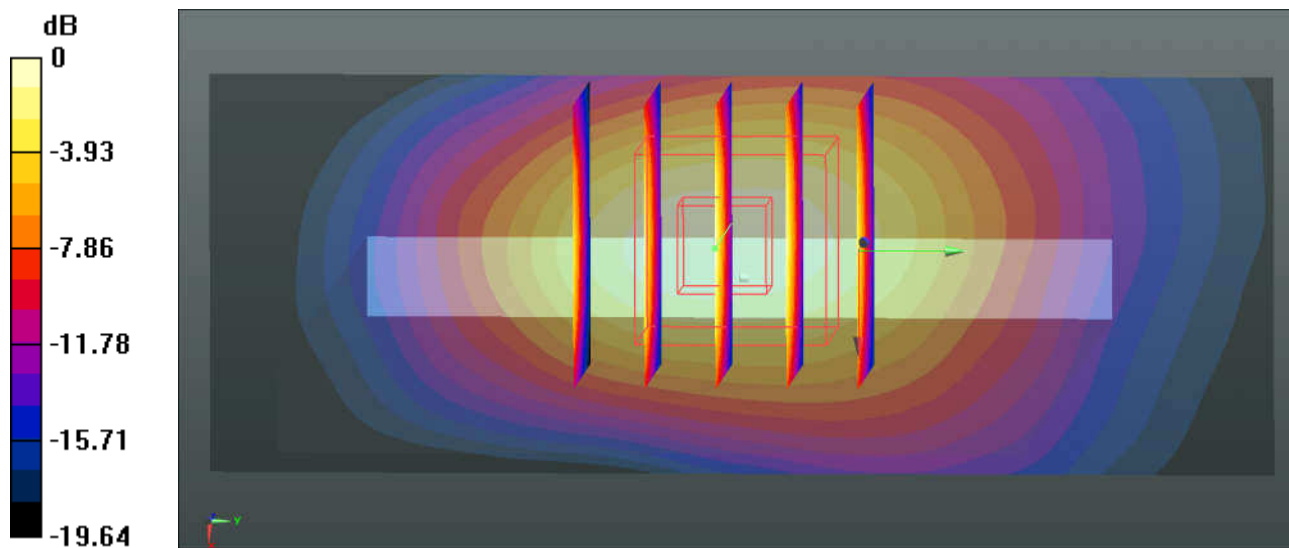
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx = 8$ mm,  $dy = 8$ mm,  $dz = 5$ mm

Reference Value = 28.26 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 1.60 W/kg

**SAR(1 g) = 0.904 W/kg; SAR(10 g) = 0.472 W/kg**

Maximum value of SAR (measured) = 1.27 W/kg



0 dB = 1.27 W/kg = 1.04 dBW/kg

**34\_CDMA2000 BC0\_RTAP 153.6Kbps\_Right Side\_10mm\_Ch777**

Communication System: UID 0, CDMA2000 (0); Frequency: 848.31 MHz; Duty Cycle: 1:1  
Medium: MSL\_850 Medium parameters used:  $f = 848.31$  MHz;  $\sigma = 0.996$  S/m;  $\epsilon_r = 54.428$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(8.86, 8.86, 8.86); Calibrated: 2016.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM2; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch777/Area Scan (41x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.920 W/kg

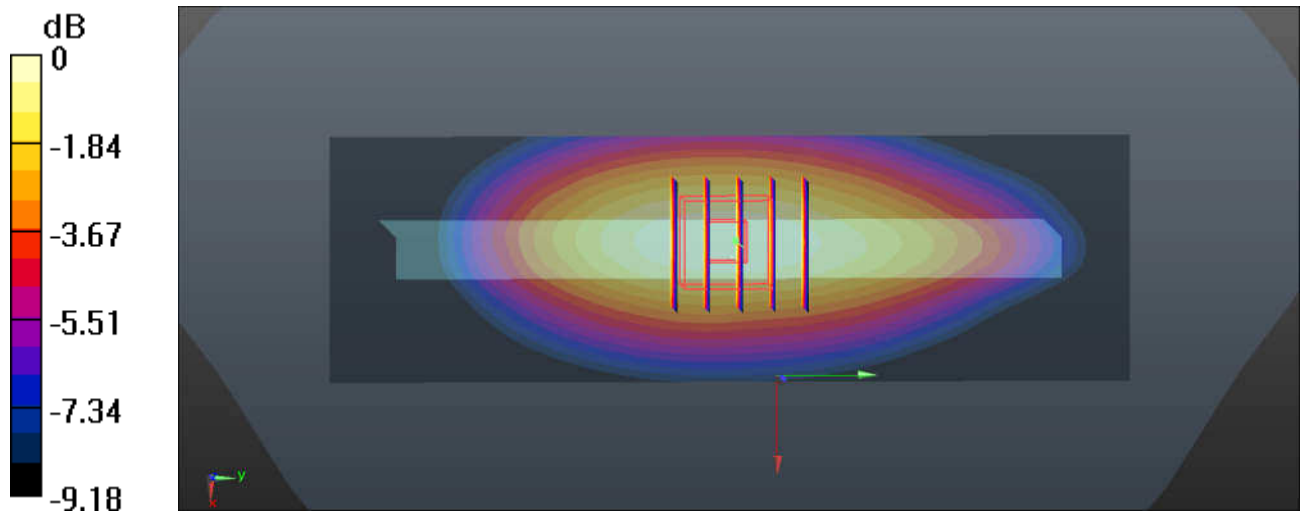
**Ch777/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.36 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.06 W/kg

**SAR(1 g) = 0.749 W/kg; SAR(10 g) = 0.518 W/kg**

Maximum value of SAR (measured) = 0.916 W/kg



0 dB = 0.916 W/kg = -0.38 dBW/kg

**35\_CDMA2000 BC1\_RTAP153.6Kbps\_Bottom Side\_10mm\_Ch25**

Communication System: UID 0, CDMA2000 (0); Frequency: 1851.25 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900 Medium parameters used:  $f = 1851.25$  MHz;  $\sigma = 1.507$  S/m;  $\epsilon_r = 54.796$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(7.55, 7.55, 7.55); Calibrated: 2016.5.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2016.5.18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch25/Area Scan (31x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.50 W/kg

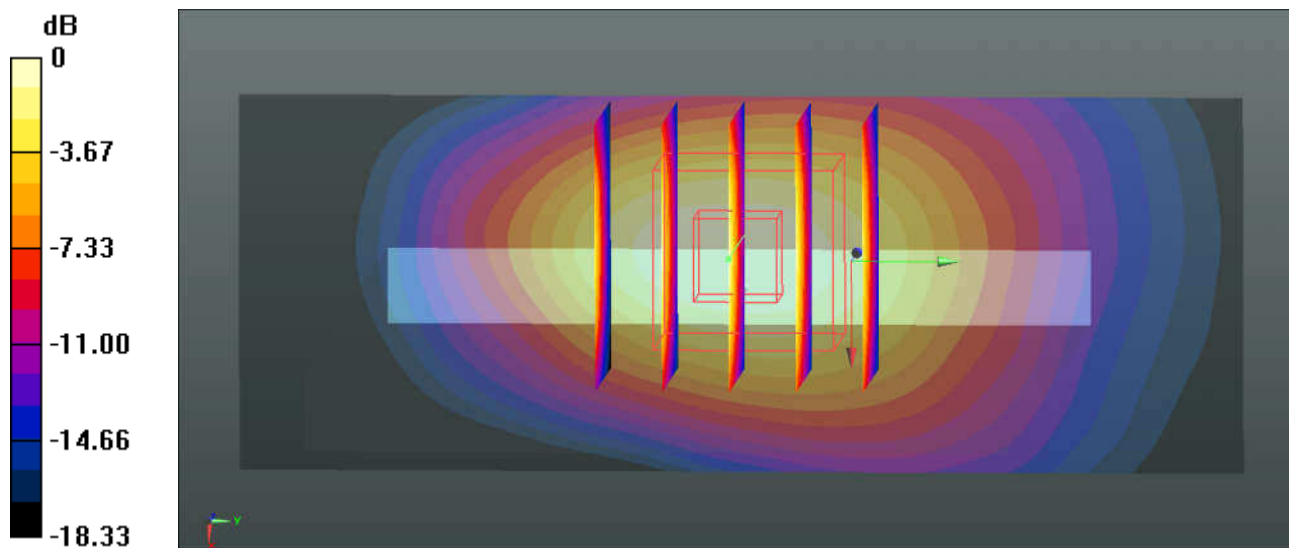
**Ch25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.42 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.78 W/kg

**SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.562 W/kg**

Maximum value of SAR (measured) = 1.45 W/kg



0 dB = 1.45 W/kg = 1.61 dBW/kg

**36\_LTE Band 12\_10M\_QPSK\_1RB\_25Offset\_Right Side\_10mm\_Ch23095**

Communication System: UID 0, FDD\_LTE (0); Frequency: 707.5 MHz; Duty Cycle: 1:1  
Medium: MSL\_750 Medium parameters used:  $f = 707.5$  MHz;  $\sigma = 0.916$  S/m;  $\epsilon_r = 56.878$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(8.87, 8.87, 8.87); Calibrated: 2016.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM2; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch23095/Area Scan (41x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.467 W/kg

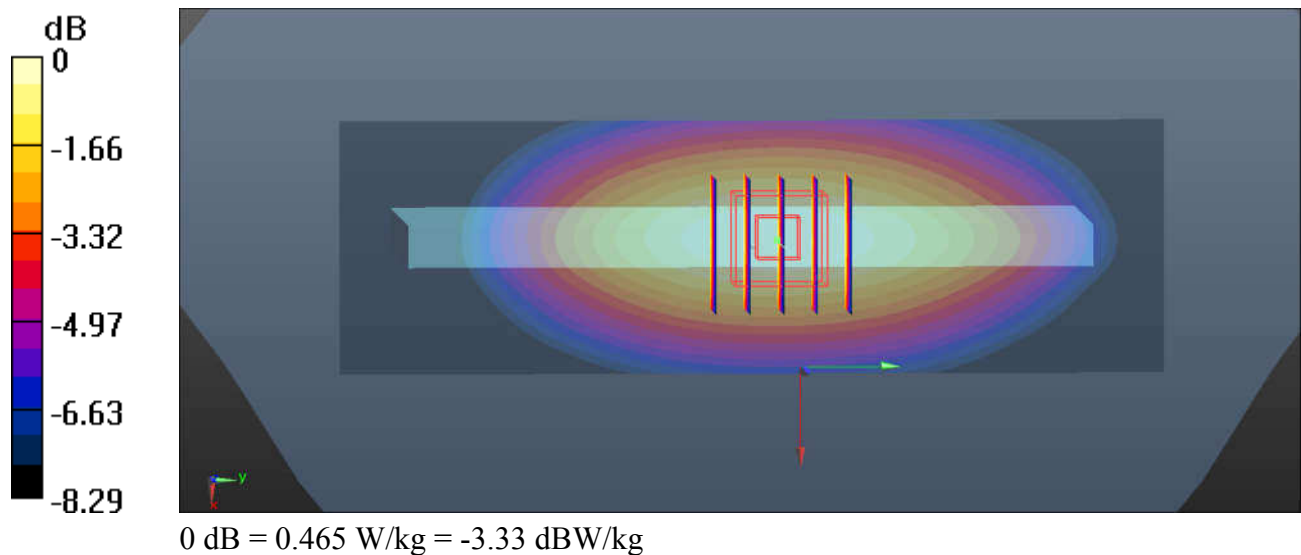
**Ch23095/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.71 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.532 W/kg

**SAR(1 g) = 0.383 W/kg; SAR(10 g) = 0.273 W/kg**

Maximum value of SAR (measured) = 0.465 W/kg



**37\_LTE Band 13\_10M\_QPSK\_1RB\_49Offset\_Right Side\_10mm\_Ch23230**

Communication System: UID 0, FDD\_LTE (0); Frequency: 782 MHz; Duty Cycle: 1:1  
Medium: MSL\_750 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.986 \text{ S/m}$ ;  $\epsilon_r = 56.115$ ;  $\rho = 1000$

$\text{kg/m}^3$

Ambient Temperature :  $23.3^\circ\text{C}$ ; Liquid Temperature :  $22.8^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(8.87, 8.87, 8.87); Calibrated: 2016.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM2; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch23230/Area Scan (41x131x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.549 \text{ W/kg}$

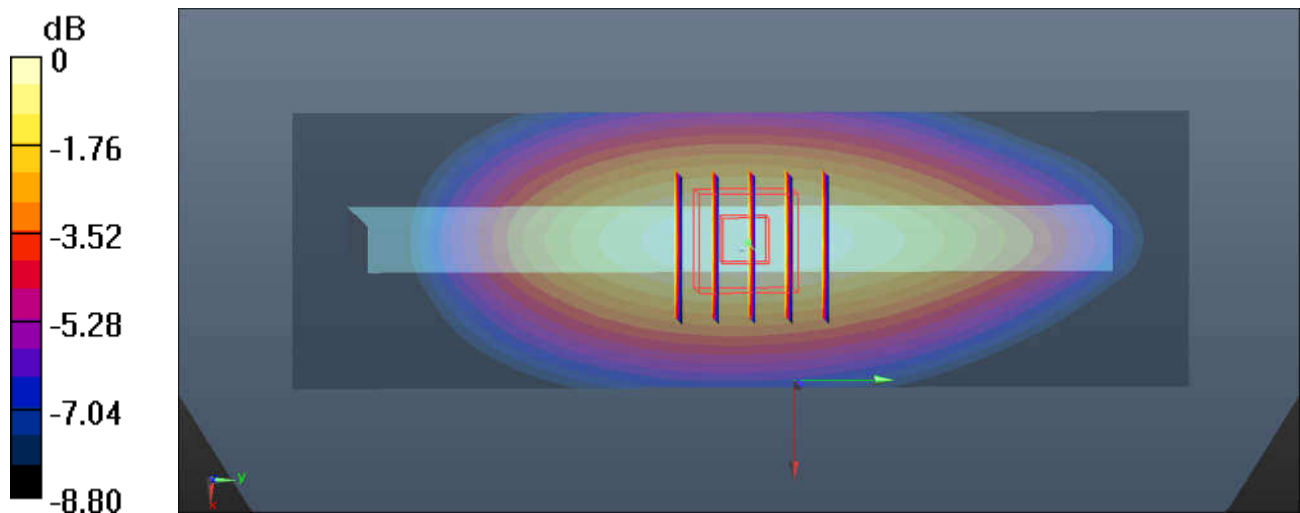
**Ch23230/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $23.88 \text{ V/m}$ ; Power Drift =  $0.03 \text{ dB}$

Peak SAR (extrapolated) =  $0.632 \text{ W/kg}$

**SAR(1 g) =  $0.449 \text{ W/kg}$ ; SAR(10 g) =  $0.314 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.549 \text{ W/kg}$



0 dB =  $0.549 \text{ W/kg}$  =  $-2.60 \text{ dBW/kg}$

**38\_LTE Band 26\_15M\_QPSK\_1RB\_37Offset\_Front\_10mm\_Ch26865**

Communication System: UID 0, FDD\_LTE (0); Frequency: 831.5 MHz; Duty Cycle: 1:1  
Medium: MSL\_850 Medium parameters used:  $f = 831.5$  MHz;  $\sigma = 0.98$  S/m;  $\epsilon_r = 54.578$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(8.86, 8.86, 8.86); Calibrated: 2016.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM2; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch26865/Area Scan (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.699 W/kg

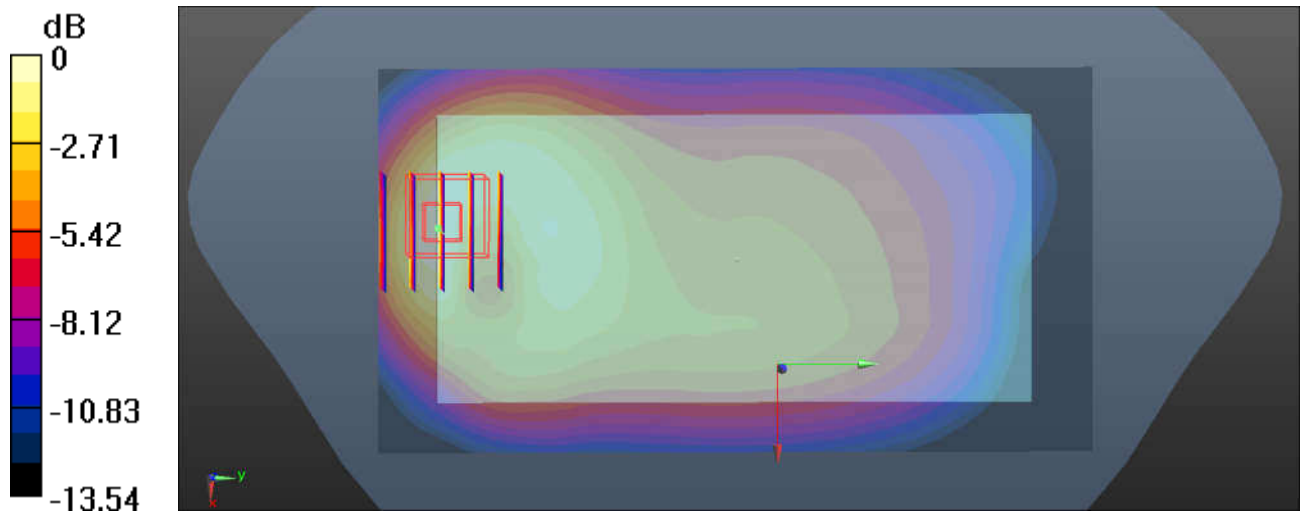
**Ch26865/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.14 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.856 W/kg

**SAR(1 g) = 0.531 W/kg; SAR(10 g) = 0.320 W/kg**

Maximum value of SAR (measured) = 0.702 W/kg



0 dB = 0.702 W/kg = -1.54 dBW/kg

**39\_LTE Band 4\_20M\_QPSK\_100RB\_0Offset\_Bottom Side\_10mm\_Ch20175**

Communication System: UID 0, FDD\_LTE (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1

Medium: MSL\_1750 Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.49$  S/m;  $\epsilon_r = 54.608$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.81, 7.81, 7.81); Calibrated: 2016.5.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2016.5.18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch20175/Area Scan (41x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.37 W/kg

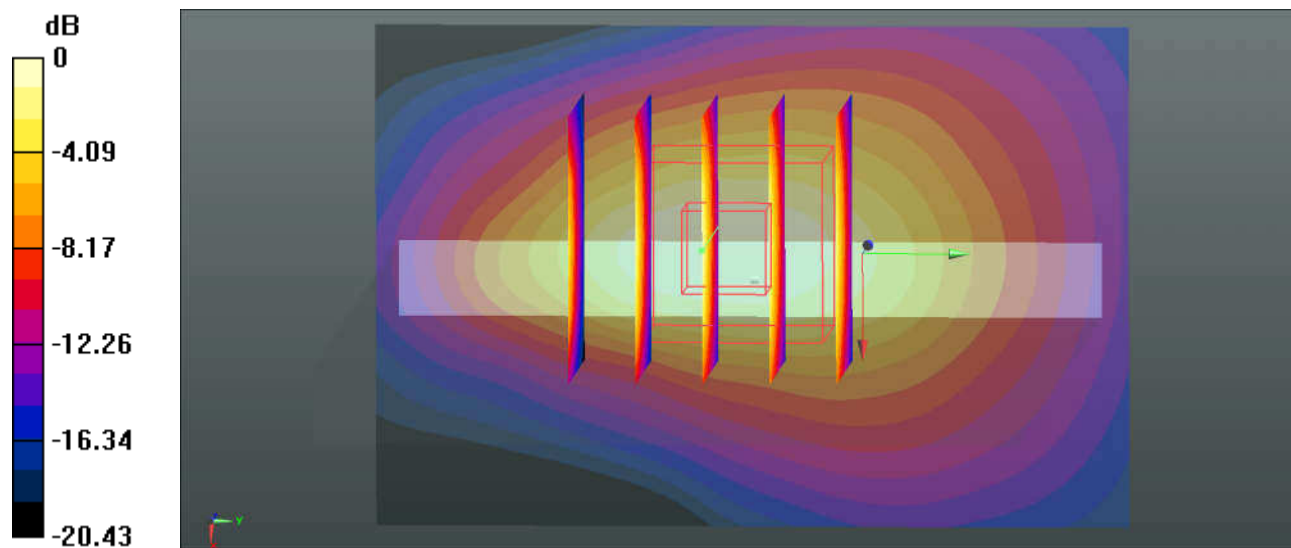
**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.84 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.62 W/kg

**SAR(1 g) = 0.940 W/kg; SAR(10 g) = 0.497 W/kg**

Maximum value of SAR (measured) = 1.29 W/kg



0 dB = 1.29 W/kg = 1.11 dBW/kg

**40\_LTE Band 25\_20M\_QPSK\_1RB\_0Offset\_Bottom Side\_10mm\_Ch26140**

Communication System: UID 0, FDD\_LTE (0); Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: MSL\_1900 Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.517$  S/m;  $\epsilon_r = 54.765$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.55, 7.55, 7.55); Calibrated: 2016.5.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2016.5.18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch26140/Area Scan (31x81x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.40 W/kg

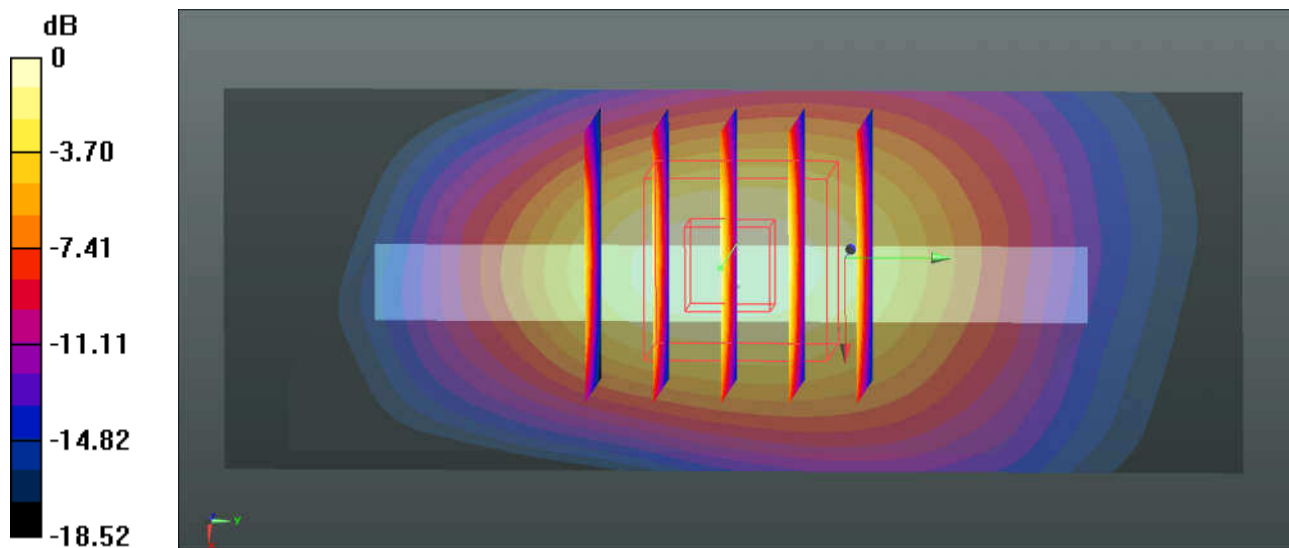
**Ch26140/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.58 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.73 W/kg

**SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.541 W/kg**

Maximum value of SAR (measured) = 1.40 W/kg



0 dB = 1.40 W/kg = 1.46 dBW/kg

**41\_LTE Band 30\_10M\_QPSK\_1RB\_0Offset\_Back\_10mm\_Ch27710**

Communication System: UID 0, FDD\_LTE (0); Frequency: 2310 MHz; Duty Cycle: 1:1

Medium: MSL\_2300 Medium parameters used:  $f = 2310$  MHz;  $\sigma = 1.848$  S/m;  $\epsilon_r = 52.627$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.31, 7.31, 7.31); Calibrated: 2016.5.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2016.5.18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch27710/Area Scan (91x151x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

Maximum value of SAR (interpolated) = 1.39 W/kg

**Ch27710/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 2.041 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.73 W/kg

**SAR(1 g) = 0.967 W/kg; SAR(10 g) = 0.511 W/kg**

Maximum value of SAR (measured) = 1.37 W/kg

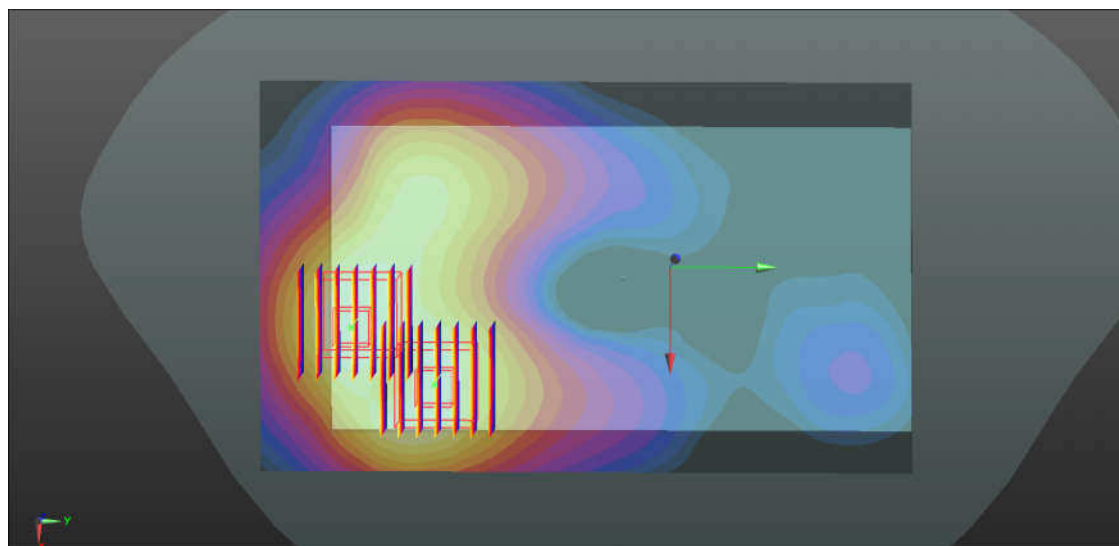
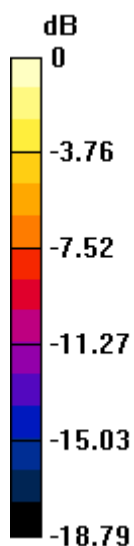
**Ch27710/Zoom Scan (7x7x7)/Cube 1:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 2.041 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.47 W/kg

**SAR(1 g) = 0.802 W/kg; SAR(10 g) = 0.427 W/kg**

Maximum value of SAR (measured) = 1.13 W/kg



0 dB = 1.13 W/kg = 0.53 dBW/kg

**42\_LTE Band 7\_20M\_QPSK\_50RB\_0Offset\_Front\_10mm\_Ch20850**

Communication System: UID 0, FDD\_LTE (0); Frequency: 2510 MHz; Duty Cycle: 1:1  
Medium: MSL\_2600 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 2.084$  S/m;  $\epsilon_r = 53.192$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3820; ConvF(6.52, 6.52, 6.52); Calibrated: 2016.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM2; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch20850/Area Scan (91x161x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.36 W/kg

**Ch20850/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.247 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.80 W/kg

**SAR(1 g) = 0.918 W/kg; SAR(10 g) = 0.464 W/kg**

Maximum value of SAR (measured) = 1.35 W/kg

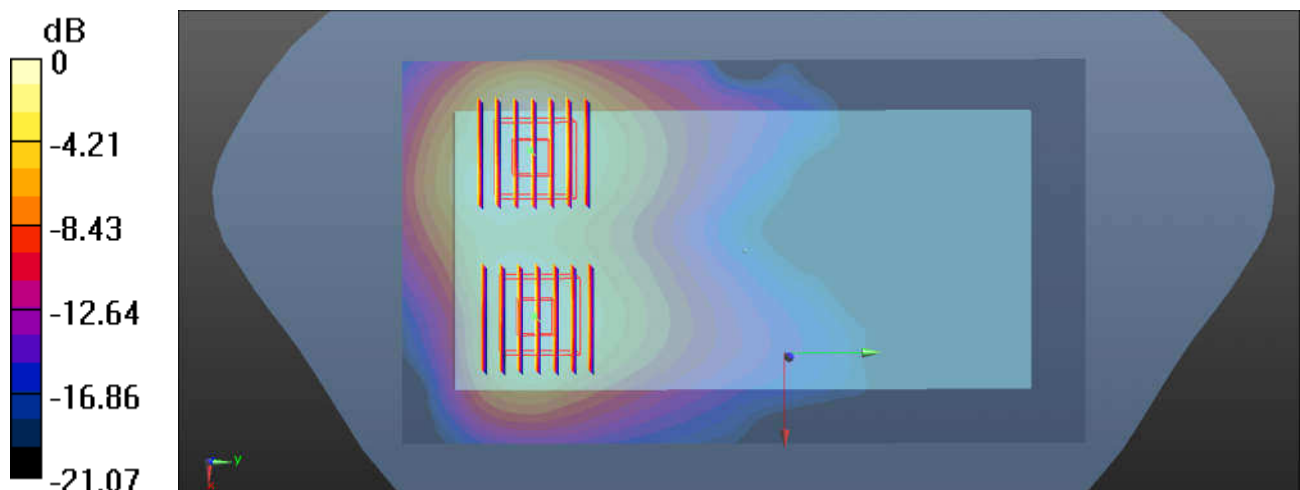
**Ch20850/Zoom Scan (7x7x7)/Cube 1:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.247 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.47 W/kg

**SAR(1 g) = 0.763 W/kg; SAR(10 g) = 0.383 W/kg**

Maximum value of SAR (measured) = 1.11 W/kg



**43\_LTE Band 41\_20M\_QPSK\_1RB\_0Offset\_Front\_10mm\_Ch39750**

Communication System: UID 0, TDD\_LTE (0); Frequency: 2506 MHz; Duty Cycle: 1:1.59

Medium: MSL\_2600 Medium parameters used:  $f = 2506$  MHz;  $\sigma = 2.078$  S/m;  $\epsilon_r = 53.214$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(6.52, 6.52, 6.52); Calibrated: 2016.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM2; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch39750/Area Scan (91x161x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.10 W/kg

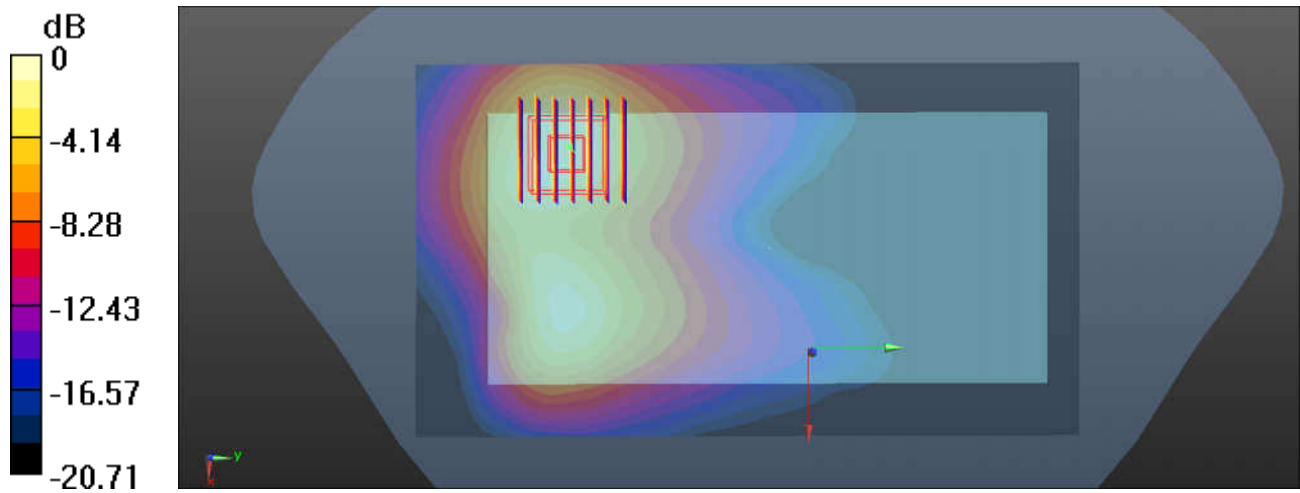
**Ch39750/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.219 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.59 W/kg

**SAR(1 g) = 0.813 W/kg; SAR(10 g) = 0.412 W/kg**

Maximum value of SAR (measured) = 1.18 W/kg



0 dB = 1.18 W/kg = 0.72 dBW/kg

**44\_WLAN2.4GHz\_802.11b 1Mbps\_Top Side\_10mm\_Ch1\_Ant 1**

Communication System: UID 0, WIFI (0); Frequency: 2437 MHz; Duty Cycle: 1:1.014

Medium: MSL\_2450 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.996$  S/m;  $\epsilon_r = 53.556$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(6.79, 6.79, 6.79); Calibrated: 2016.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM1; Type: SAM; Serial: TP-1644
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch6/Area Scan (41x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.47 W/kg

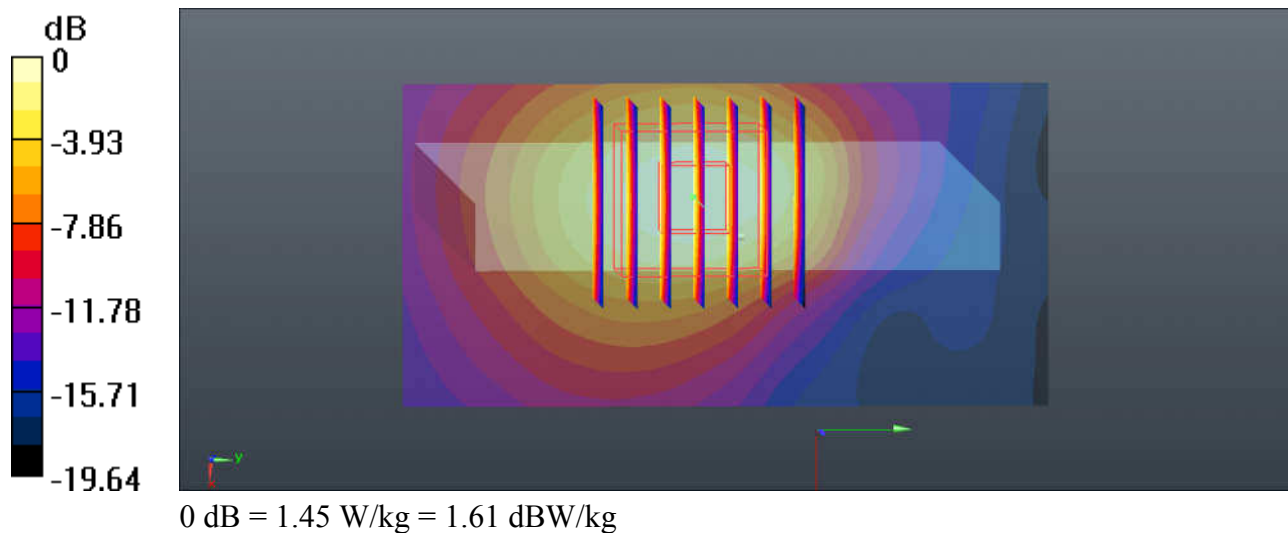
**Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.98 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.86 W/kg

**SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.517 W/kg**

Maximum value of SAR (measured) = 1.45 W/kg



**45\_WLAN2.4GHz\_802.11b 1Mbps\_Top Side\_10mm\_Ch11\_Ant 2**

Communication System: UID 0, WIFI (0); Frequency: 2462 MHz; Duty Cycle: 1:1.013

Medium: MSL\_2450 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.032$  S/m;  $\epsilon_r = 53.48$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(6.79, 6.79, 6.79); Calibrated: 2016.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM1; Type: SAM; Serial: TP-1644
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch11/Area Scan (41x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.24 W/kg

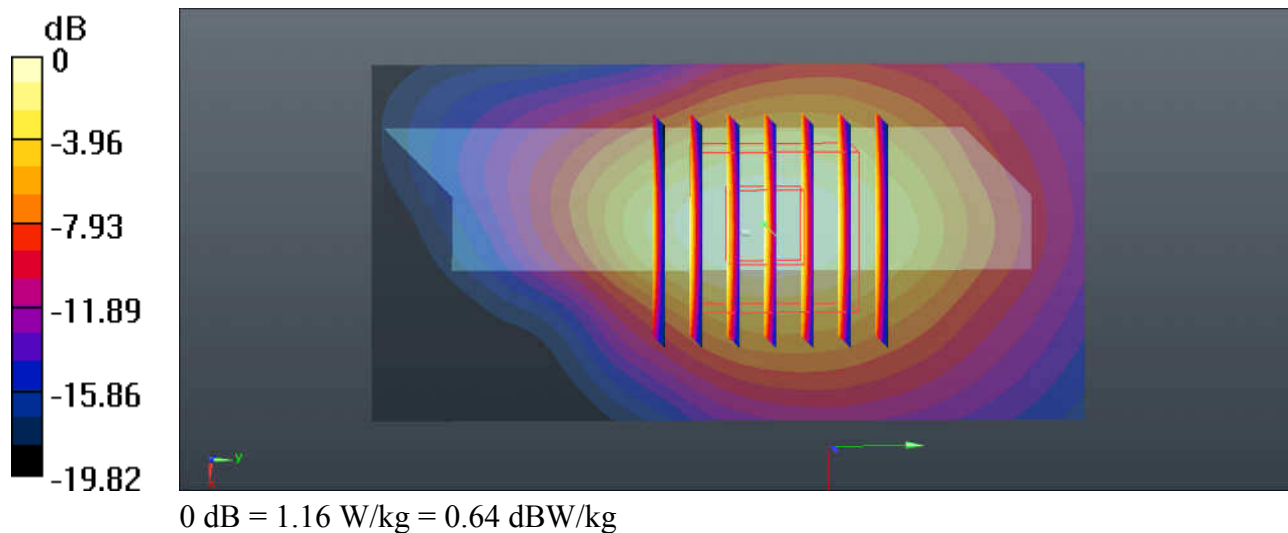
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.25 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.50 W/kg

**SAR(1 g) = 0.807 W/kg; SAR(10 g) = 0.406 W/kg**

Maximum value of SAR (measured) = 1.16 W/kg



**46\_WLAN2.4GHz\_802.11n-HT20 MCS0\_Top Side\_10mm\_Ch11\_Ant 1+2**

Communication System: UID 0, WIFI (0); Frequency: 2462 MHz; Duty Cycle: 1:1.084

Medium: MSL\_2450 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.035$  S/m;  $\epsilon_r = 53.49$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(7.55, 7.55, 7.55); Calibrated: 2016.11.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM2; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch11/Area Scan (51x81x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.702 W/kg

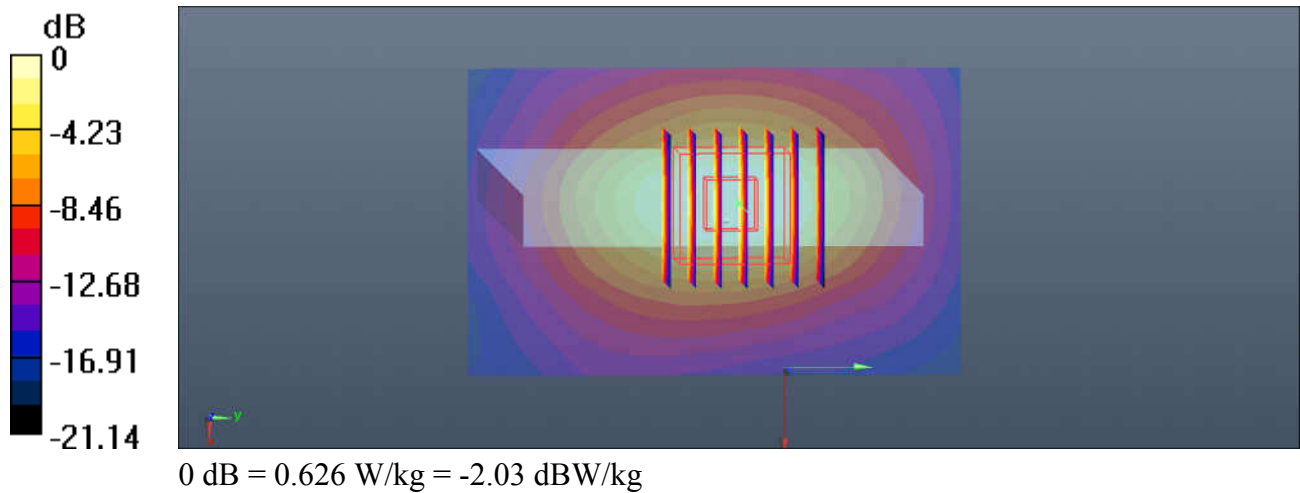
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.72 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.815 W/kg

**SAR(1 g) = 0.437 W/kg; SAR(10 g) = 0.215 W/kg**

Maximum value of SAR (measured) = 0.626 W/kg



**47\_WLAN5.2GHz\_802.11a 6Mbps\_Back\_10mm\_Ch44\_Ant 1**

Communication System: UID 0, WIFI (0); Frequency: 5220 MHz; Duty Cycle: 1:1.071

Medium: MSL\_5000 Medium parameters used:  $f = 5220$  MHz;  $\sigma = 5.468$  S/m;  $\epsilon_r = 47.833$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(4.27, 4.27, 4.27); Calibrated: 2016.5.25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2016.5.18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch44/Area Scan (111x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.48 W/kg

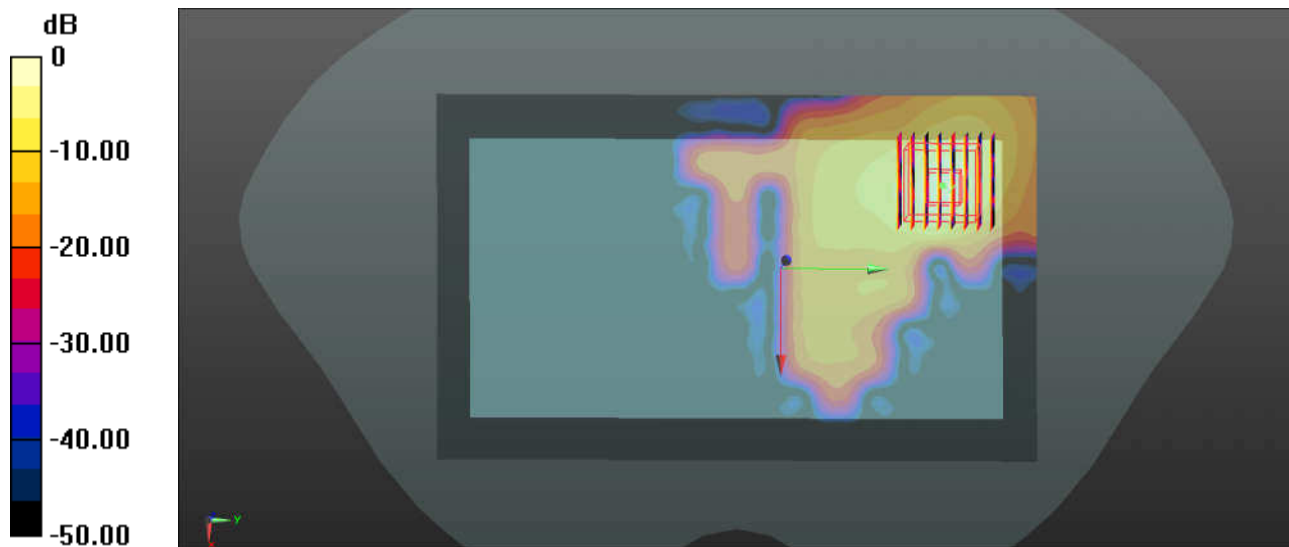
**Ch44/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.589 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.59 W/kg

**SAR(1 g) = 0.720 W/kg; SAR(10 g) = 0.217 W/kg**

Maximum value of SAR (measured) = 1.64 W/kg



0 dB = 1.64 W/kg = 2.15 dBW/kg

**48\_WLAN5GHz\_802.11a 6Mbps\_Back\_10mm\_Ch36\_Ant 2**

Communication System: UID 0, WIFI (0); Frequency: 5180 MHz; Duty Cycle: 1:1.076

Medium: MSL\_5000 Medium parameters used:  $f = 5180$  MHz;  $\sigma = 5.248$  S/m;  $\epsilon_r = 48.573$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(4.27, 4.27, 4.27); Calibrated: 2016.5.25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2016.5.18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch36/Area Scan (111x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.47 W/kg

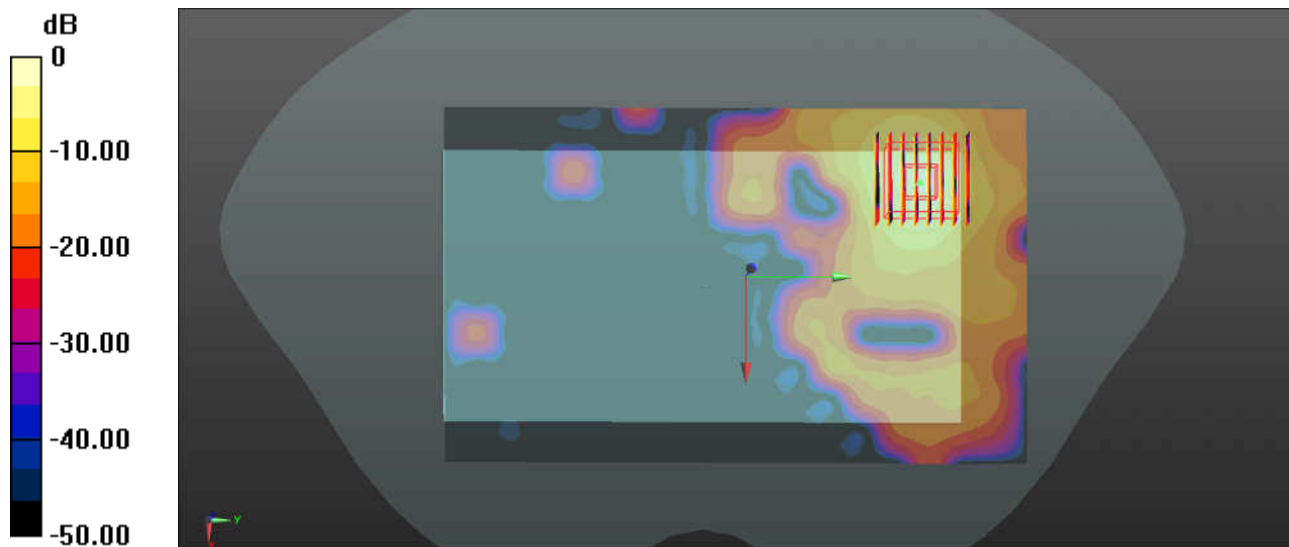
**Ch36/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.9400 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.92 W/kg

**SAR(1 g) = 0.775 W/kg; SAR(10 g) = 0.232 W/kg**

Maximum value of SAR (measured) = 1.77 W/kg



0 dB = 1.77 W/kg = 2.48 dBW/kg

**49\_WLAN5.2GHz\_802.11n-HT20 MCS0\_Back\_10mm\_Ch36\_Ant 1+2**

Communication System: UID 0, WIFI (0); Frequency: 5180 MHz; Duty Cycle: 1:1.067

Medium: MSL\_5000 Medium parameters used:  $f = 5180$  MHz;  $\sigma = 5.432$  S/m;  $\epsilon_r = 47.962$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4.19, 4.19, 4.19); Calibrated: 2016.6.27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM1; Type: SAM; Serial: TP-1644
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch36/Area Scan (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.15 W/kg

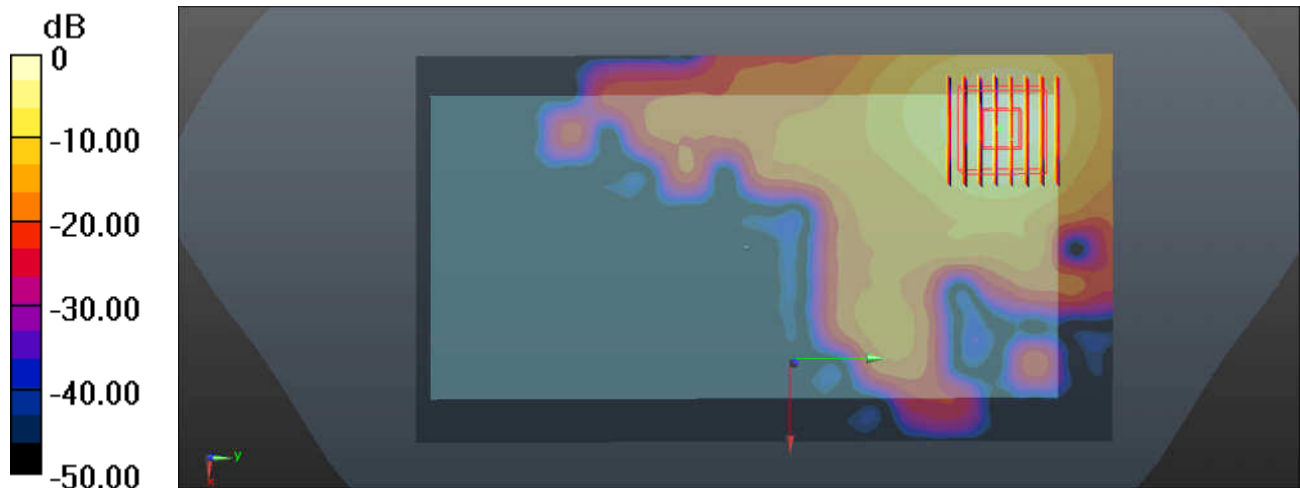
**Ch36/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.516 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 3.27 W/kg

**SAR(1 g) = 0.918 W/kg; SAR(10 g) = 0.291 W/kg**

Maximum value of SAR (measured) = 2.03 W/kg



**50\_WLAN5.8GHz\_802.11a 6Mbps\_Back\_10mm\_Ch157\_Ant 1**

Communication System: UID 0, WIFI (0); Frequency: 5785 MHz; Duty Cycle: 1:1.071

Medium: MSL\_5000 Medium parameters used:  $f = 5785$  MHz;  $\sigma = 6.096$  S/m;  $\epsilon_r =$

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

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(3.97, 3.97, 3.97); Calibrated: 2016.5.25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2016.5.18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch157/Area Scan (111x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.747 W/kg

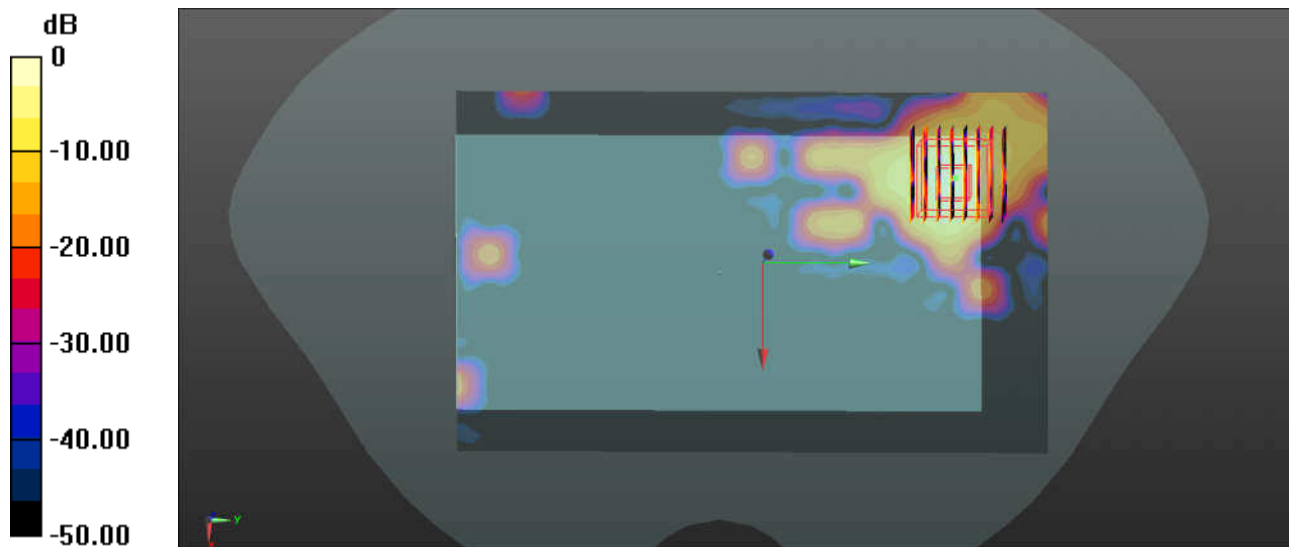
**Ch157/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.189 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.53 W/kg

**SAR(1 g) = 0.307 W/kg; SAR(10 g) = 0.087 W/kg**

Maximum value of SAR (measured) = 0.801 W/kg



0 dB = 0.801 W/kg = -0.96 dBW/kg

**51\_WLAN5.8GHz\_802.11a 6Mbps\_Back\_10mm\_Ch165\_Ant 2**

Communication System: UID 0, WIFI (0); Frequency: 5825 MHz; Duty Cycle: 1:1.076

Medium: MSL\_5000 Medium parameters used:  $f = 5825$  MHz;  $\sigma = 6.153$  S/m;  $\epsilon_r = 47.051$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(3.97, 3.97, 3.97); Calibrated: 2016.5.25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2016.5.18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch165/Area Scan (111x191x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.31 W/kg

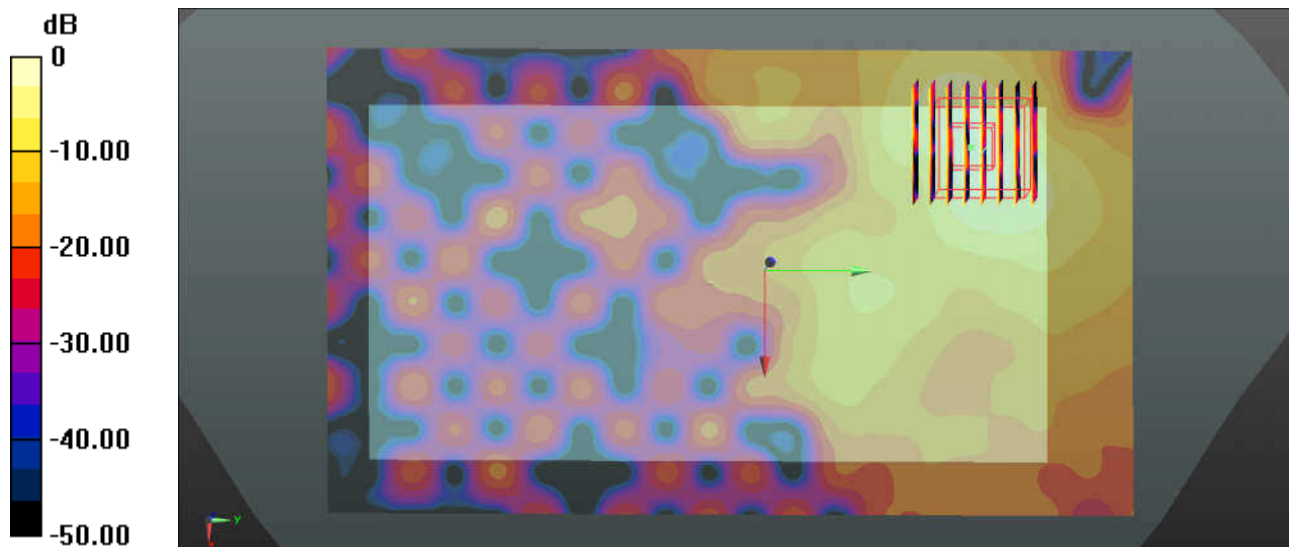
**Ch165/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.172 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.77 W/kg

**SAR(1 g) = 0.656 W/kg; SAR(10 g) = 0.211 W/kg**

Maximum value of SAR (measured) = 1.58 W/kg



0 dB = 1.58 W/kg = 1.99 dBW/kg

**52\_WLAN5.8GHz\_802.11n-HT20 MCS0\_Back\_10mm\_Ch165\_Ant 1+2**

Communication System: UID 0, WIFI (0); Frequency: 5825 MHz; Duty Cycle: 1:1.067

Medium: MSL\_5000 Medium parameters used:  $f = 5825$  MHz;  $\sigma = 6.3$  S/m;  $\epsilon_r = 46.892$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(3.7, 3.7, 3.7); Calibrated: 2016.6.27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM1; Type: SAM; Serial: TP-1644
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch165/Area Scan (101x181x1):** Interpolated grid:  $dx=1.000$  mm,  $dy=1.000$  mm

Maximum value of SAR (interpolated) = 1.71 W/kg

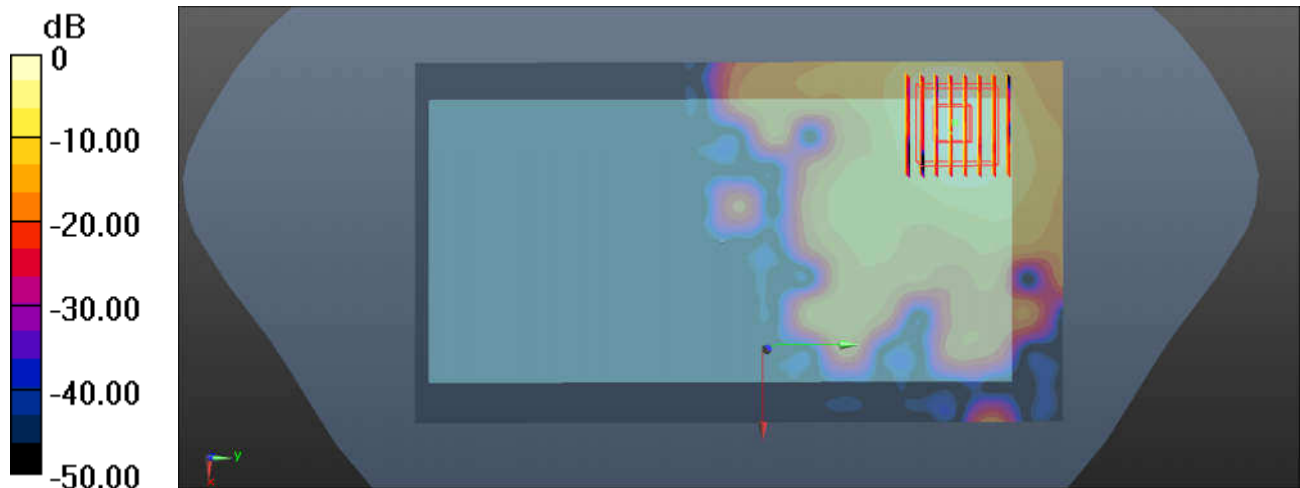
**Ch165/Zoom Scan (8x8x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value = 1.568 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.83 W/kg

**SAR(1 g) = 0.692 W/kg; SAR(10 g) = 0.204 W/kg**

Maximum value of SAR (measured) = 1.71 W/kg



0 dB = 1.71 W/kg = 2.33 dBW/kg

**53\_GSM1900\_GPRS 3 Tx slots\_Back\_10mm\_Ch512**

Communication System: UID 0, GPRS/EDGE (3 Tx slots) (0); Frequency: 1850.2 MHz; Duty Cycle: 1:2.77

Medium: MSL\_1900 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.505$  S/m;  $\epsilon_r = 54.798$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.55, 7.55, 7.55); Calibrated: 2016.5.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2016.5.18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch512/Area Scan (71x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.939 W/kg

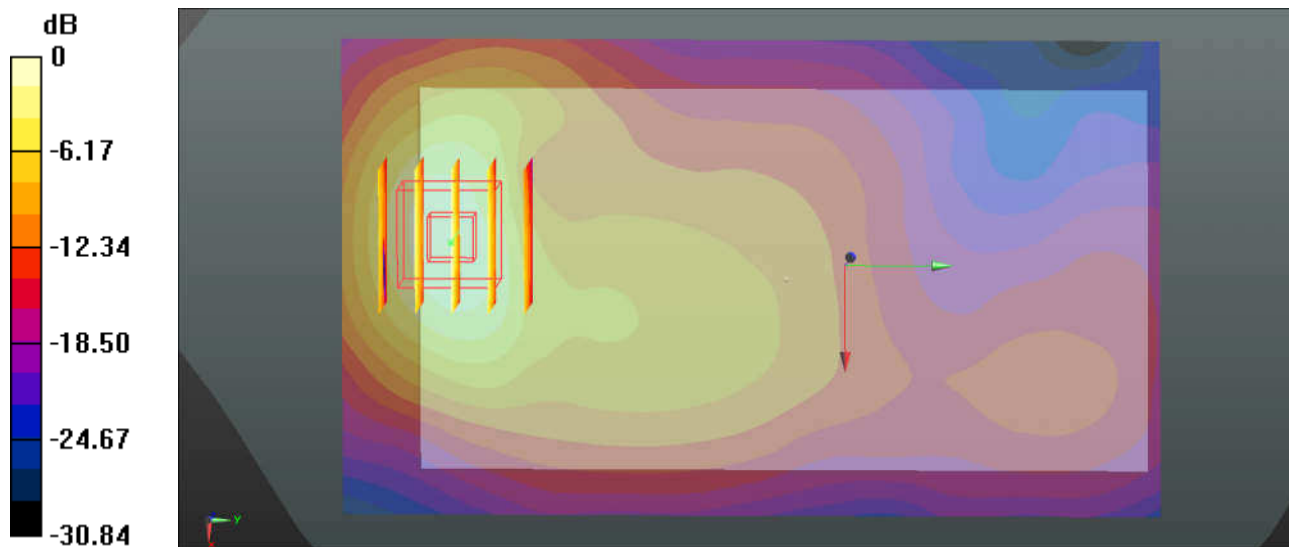
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 7.394 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.19 W/kg

**SAR(1 g) = 0.712 W/kg; SAR(10 g) = 0.394 W/kg**

Maximum value of SAR (measured) = 0.974 W/kg



0 dB = 0.974 W/kg = -0.11 dBW/kg

**54\_WCDMA Band IV\_RMC 12.2Kbps\_Front\_10mm\_Ch1513**

Communication System: UID 0, UMTS (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: MSL\_1750 Medium parameters used:  $f = 1752.6$  MHz;  $\sigma = 1.512$  S/m;  $\epsilon_r = 54.526$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.81, 7.81, 7.81); Calibrated: 2016.5.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2016.5.18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch1513/Area Scan (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.813 W/kg

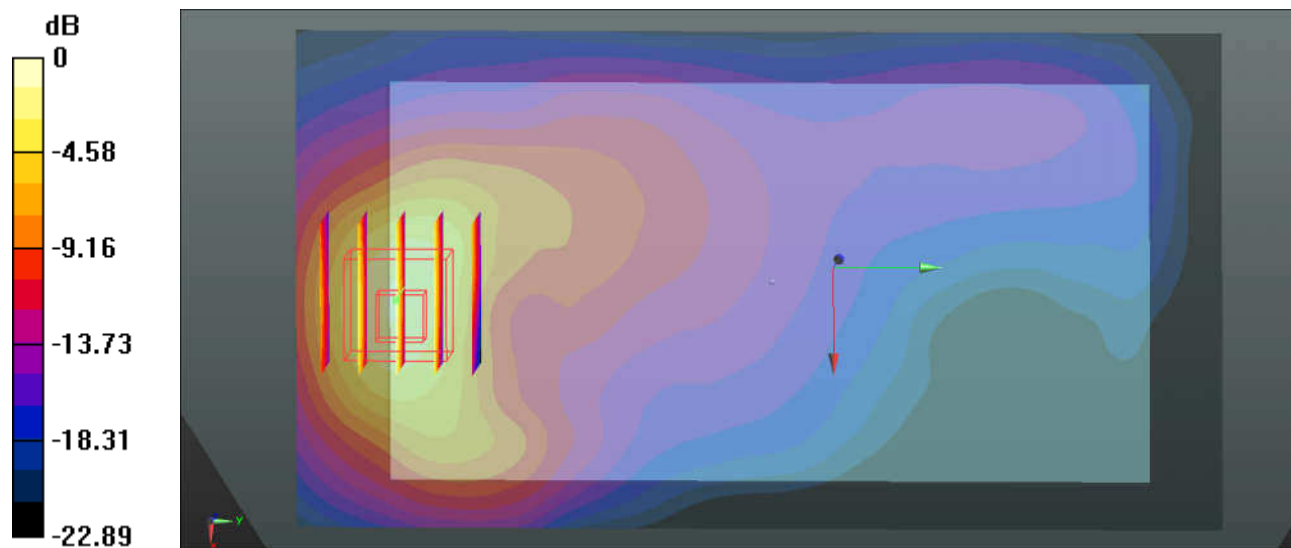
**Ch1513/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.399 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.44 W/kg

**SAR(1 g) = 0.821 W/kg; SAR(10 g) = 0.429 W/kg**

Maximum value of SAR (measured) = 1.11 W/kg



0 dB = 1.11 W/kg = 0.45 dBW/kg

**55\_WCDMA Band II\_RMC 12.2Kbps\_Back\_10mm\_Ch9262**

Communication System: UID 0, UMTS (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL\_1900 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.508$  S/m;  $\epsilon_r = 54.796$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.55, 7.55, 7.55); Calibrated: 2016.5.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2016.5.18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch9262/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.692 W/kg

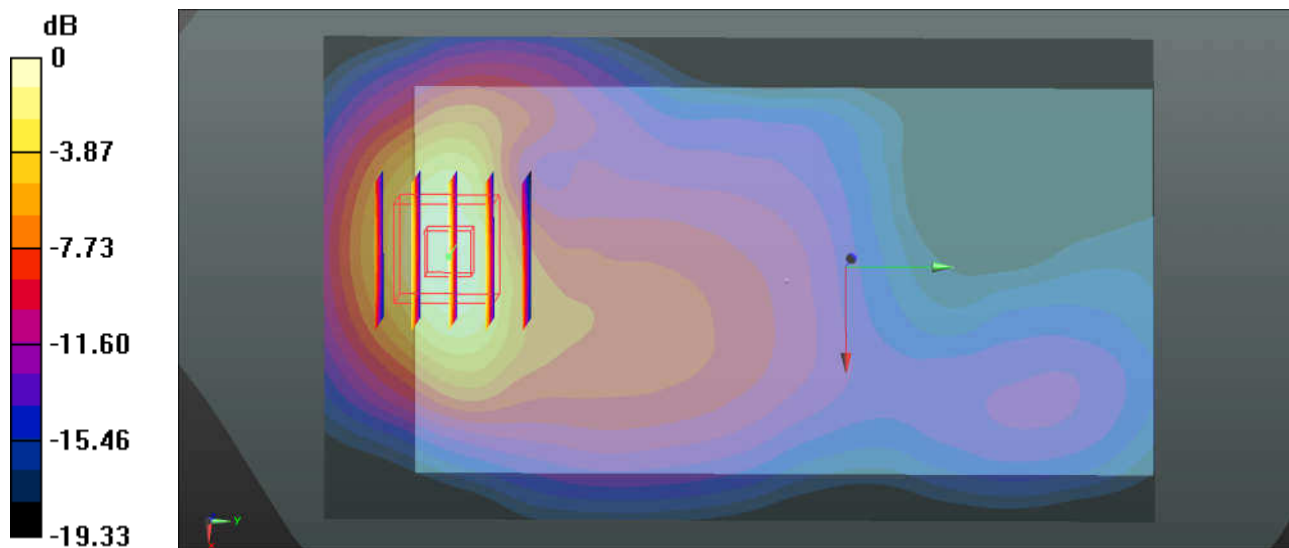
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.182 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.851 W/kg

**SAR(1 g) = 0.495 W/kg; SAR(10 g) = 0.268 W/kg**

Maximum value of SAR (measured) = 0.685 W/kg



0 dB = 0.685 W/kg = -1.64 dBW/kg

**56\_CDMA2000 BC0\_RC3 SO32\_Front\_10mm\_Ch777**

Communication System: UID 0, CDMA2000 (0); Frequency: 848.31 MHz; Duty Cycle: 1:1  
Medium: MSL\_850 Medium parameters used:  $f = 848.31$  MHz;  $\sigma = 0.996$  S/m;  $\epsilon_r = 54.428$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.8 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3820; ConvF(8.86, 8.86, 8.86); Calibrated: 2016.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM2; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch777/Area Scan (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.961 W/kg

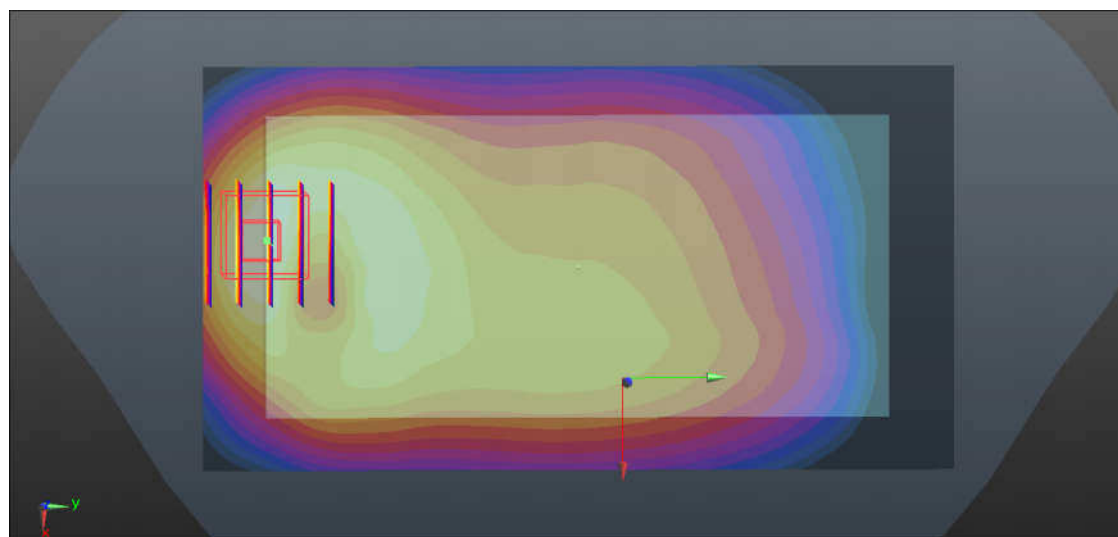
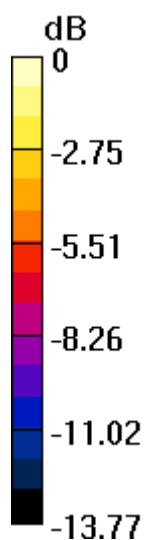
**Ch777/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.87 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.15 W/kg

**SAR(1 g) = 0.706 W/kg; SAR(10 g) = 0.419 W/kg**

Maximum value of SAR (measured) = 0.954 W/kg



0 dB = 0.954 W/kg = -0.20 dBW/kg

**57\_CDMA2000 BC1\_RC3 SO32\_Back\_10mm\_Ch25**

Communication System: UID 0, CDMA2000 (0); Frequency: 1851.25 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900 Medium parameters used:  $f = 1851.25$  MHz;  $\sigma = 1.507$  S/m;  $\epsilon_r = 54.796$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(7.55, 7.55, 7.55); Calibrated: 2016.5.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2016.5.18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch25/Area Scan (71x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.871 W/kg

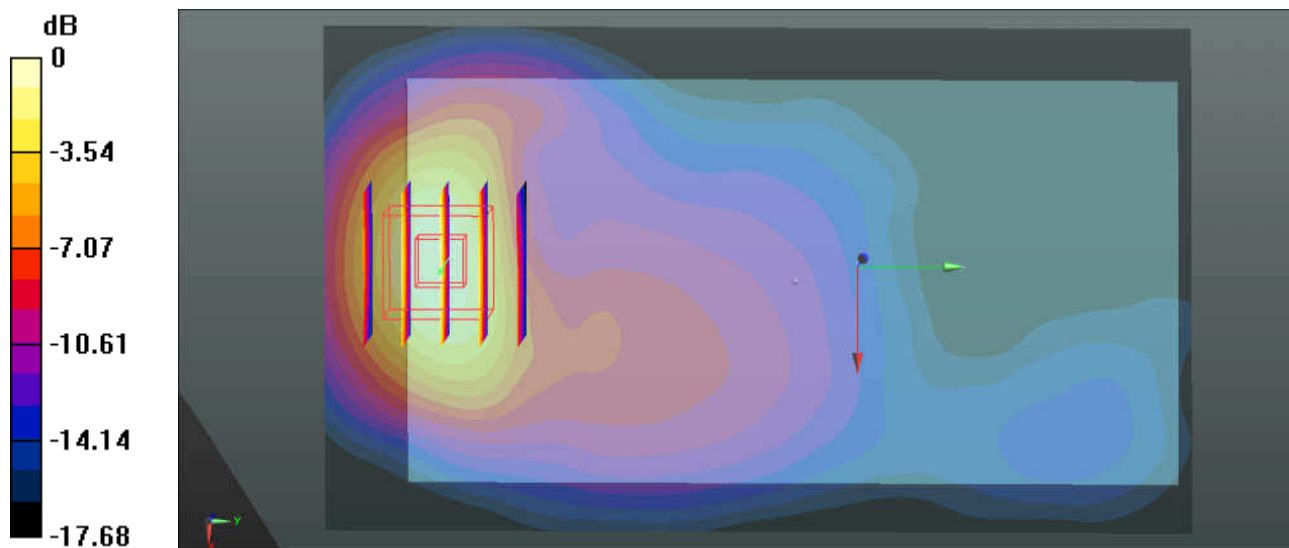
**Ch25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 6.744 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.09 W/kg

**SAR(1 g) = 0.653 W/kg; SAR(10 g) = 0.361 W/kg**

Maximum value of SAR (measured) = 0.881 W/kg



0 dB = 0.881 W/kg = -0.55 dBW/kg

**58\_LTE Band 12\_10M\_QPSK\_1RB\_25Offset\_Front\_10mm\_Ch23095**

Communication System: UID 0, FDD\_LTE (0); Frequency: 707.5 MHz; Duty Cycle: 1:1  
Medium: MSL\_750 Medium parameters used:  $f = 707.5$  MHz;  $\sigma = 0.916$  S/m;  $\epsilon_r = 56.878$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(8.87, 8.87, 8.87); Calibrated: 2016.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM2; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch23095/Area Scan (71x131x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.367 W/kg

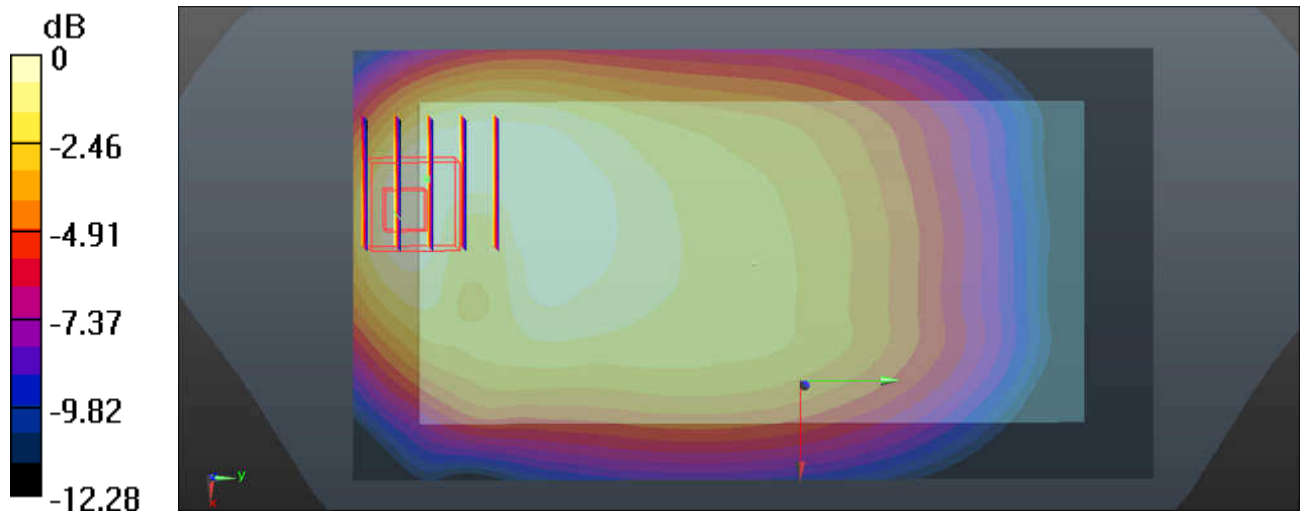
**Ch23095/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.39 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.435 W/kg

**SAR(1 g) = 0.265 W/kg; SAR(10 g) = 0.163 W/kg**

Maximum value of SAR (measured) = 0.340 W/kg



0 dB = 0.340 W/kg = -4.69 dBW/kg

**59\_LTE Band 13\_10M\_QPSK\_1RB\_49Offset\_Front\_10mm\_Ch23230**

Communication System: UID 0, FDD\_LTE (0); Frequency: 782 MHz; Duty Cycle: 1:1  
Medium: MSL\_750 Medium parameters used:  $f = 782 \text{ MHz}$ ;  $\sigma = 0.986 \text{ S/m}$ ;  $\epsilon_r = 56.115$ ;  $\rho = 1000$

$\text{kg/m}^3$

Ambient Temperature :  $23.3^\circ\text{C}$ ; Liquid Temperature :  $22.8^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(8.87, 8.87, 8.87); Calibrated: 2016.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM2; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch23230/Area Scan (71x131x1):** Interpolated grid:  $dx=1.500 \text{ mm}$ ,  $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) =  $0.568 \text{ W/kg}$

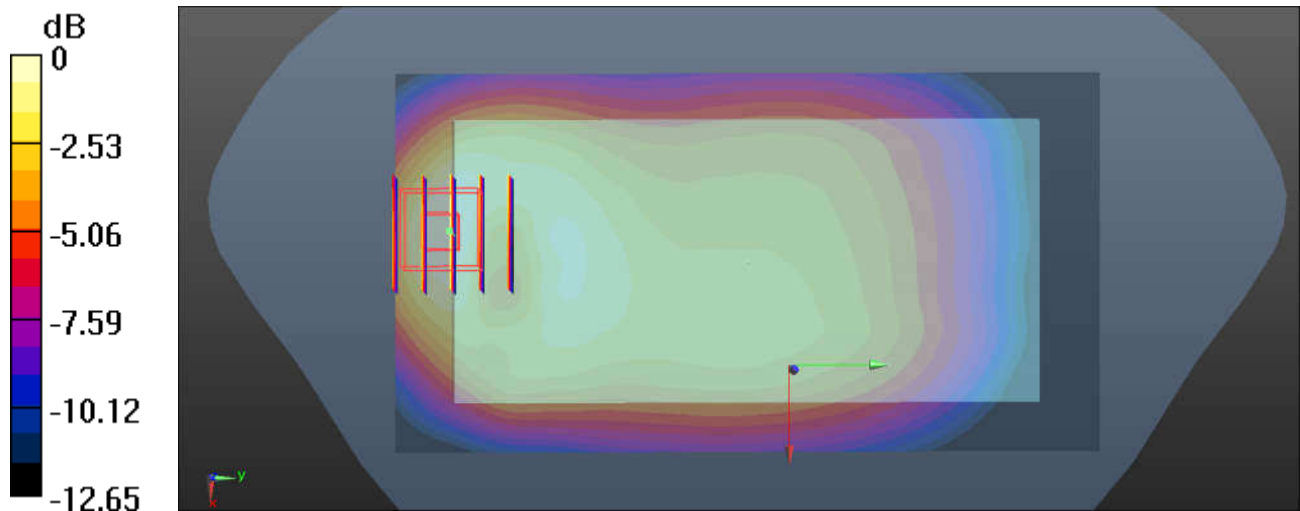
**Ch23230/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8\text{mm}$ ,  $dy=8\text{mm}$ ,  $dz=5\text{mm}$

Reference Value =  $18.43 \text{ V/m}$ ; Power Drift =  $-0.01 \text{ dB}$

Peak SAR (extrapolated) =  $0.700 \text{ W/kg}$

**SAR(1 g) =  $0.426 \text{ W/kg}$ ; SAR(10 g) =  $0.255 \text{ W/kg}$**

Maximum value of SAR (measured) =  $0.565 \text{ W/kg}$



0 dB =  $0.565 \text{ W/kg}$  =  $-2.48 \text{ dBW/kg}$

**60\_LTE Band 4\_20M\_QPSK\_100RB\_0Offset\_Front\_10mm\_Ch20175**

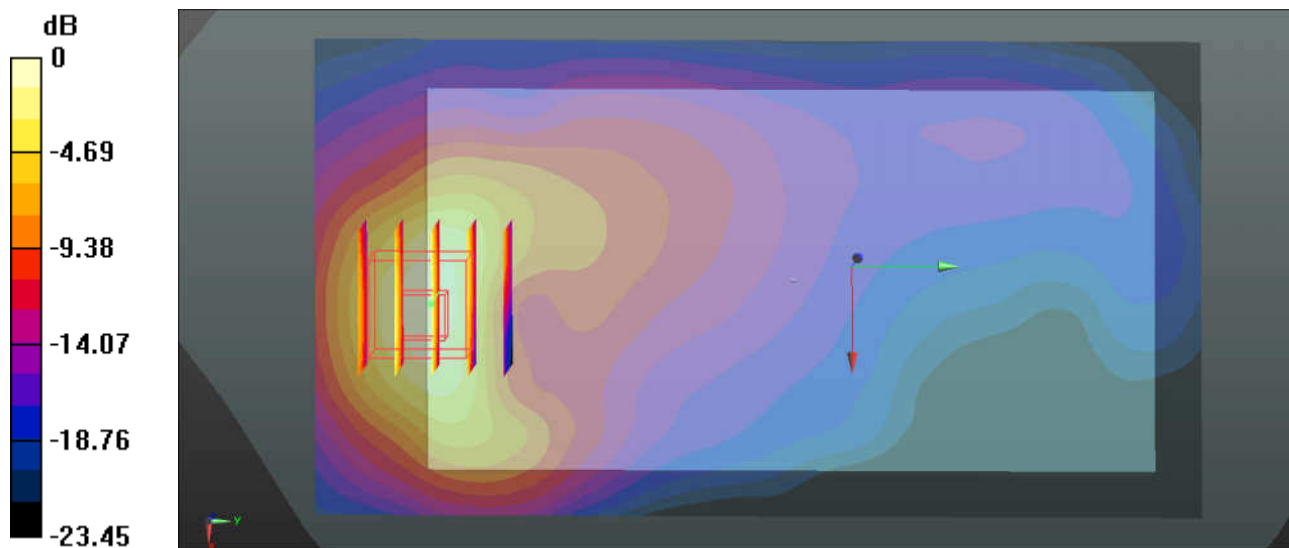
Communication System: UID 0, FDD\_LTE (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1  
Medium: MSL\_1750 Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.49$  S/m;  $\epsilon_r = 54.608$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.9 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(7.81, 7.81, 7.81); Calibrated: 2016.5.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2016.5.18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch20175/Area Scan (71x131x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) = 1.10 W/kg

**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
Reference Value = 5.215 V/m; Power Drift = -0.05 dB  
Peak SAR (extrapolated) = 1.50 W/kg  
**SAR(1 g) = 0.884 W/kg; SAR(10 g) = 0.470 W/kg**  
Maximum value of SAR (measured) = 1.21 W/kg



0 dB = 1.21 W/kg = 0.83 dBW/kg

**61\_LTE Band 25\_20M\_QPSK\_1RB\_0Offset\_Back\_10mm\_Ch26140**

Communication System: UID 0, FDD\_LTE (0); Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: MSL\_1900 Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.517$  S/m;  $\epsilon_r = 54.765$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.55, 7.55, 7.55); Calibrated: 2016.5.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2016.5.18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch26140/Area Scan (71x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 0.805 W/kg

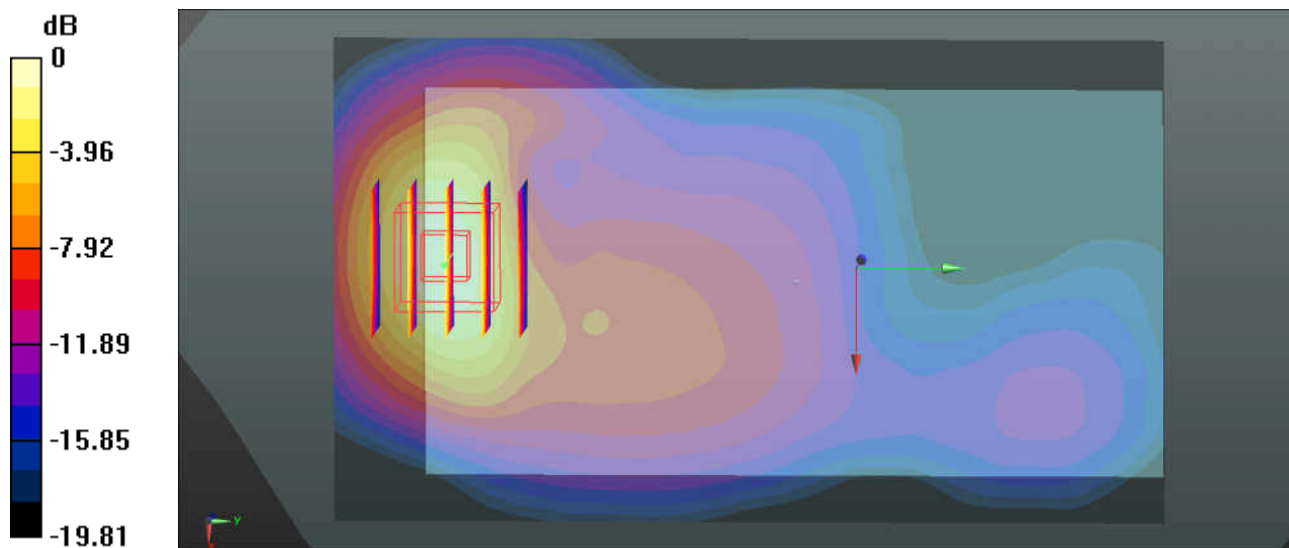
**Ch26140/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 6.426 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.02 W/kg

**SAR(1 g) = 0.595 W/kg; SAR(10 g) = 0.322 W/kg**

Maximum value of SAR (measured) = 0.818 W/kg



**62\_WLAN2.4GHz\_802.11b 1Mbps\_Front\_10mm\_Ch11\_Ant 1**

Communication System: UID 0, WIFI (0); Frequency: 2462 MHz; Duty Cycle: 1:1.014

Medium: MSL\_2450 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.032$  S/m;  $\epsilon_r = 53.48$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(6.79, 6.79, 6.79); Calibrated: 2016.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM1; Type: SAM; Serial: TP-1644
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch11/Area Scan (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.814 W/kg

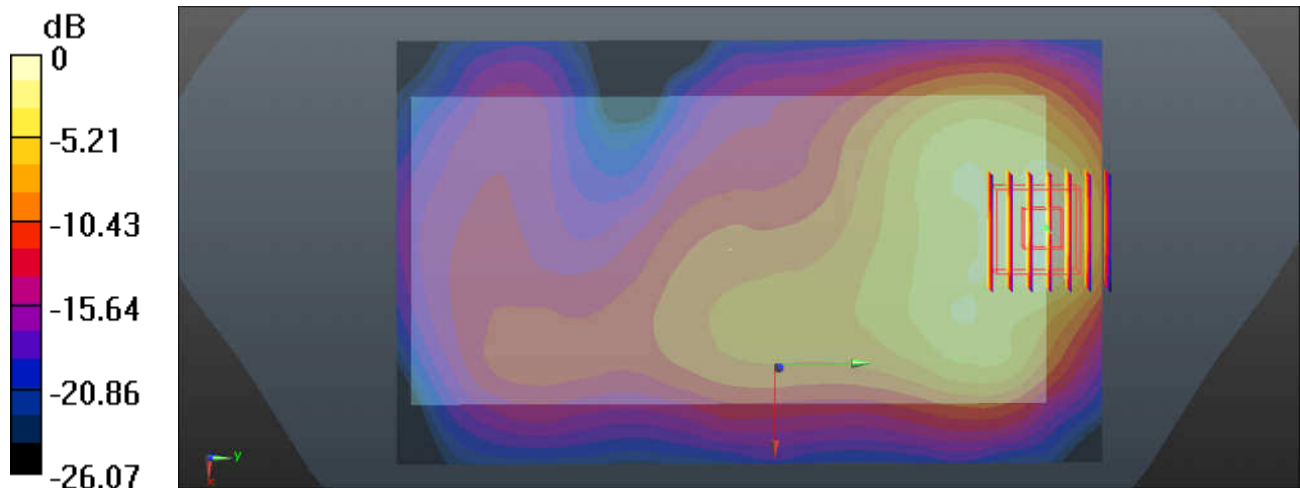
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.011 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.12 W/kg

**SAR(1 g) = 0.580 W/kg; SAR(10 g) = 0.277 W/kg**

Maximum value of SAR (measured) = 0.848 W/kg



0 dB = 0.848 W/kg = -0.72 dBW/kg

**63\_WLAN2.4GHz\_802.11b 1Mbps\_Back\_10mm\_Ch11\_Ant 2**

Communication System: UID 0, WIFI (0); Frequency: 2462 MHz; Duty Cycle: 1:1.013

Medium: MSL\_2450 Medium parameters used:  $f = 2462$  MHz;  $\sigma = 2.032$  S/m;  $\epsilon_r = 53.48$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(6.79, 6.79, 6.79); Calibrated: 2016.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM1; Type: SAM; Serial: TP-1644
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch11/Area Scan (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.799 W/kg

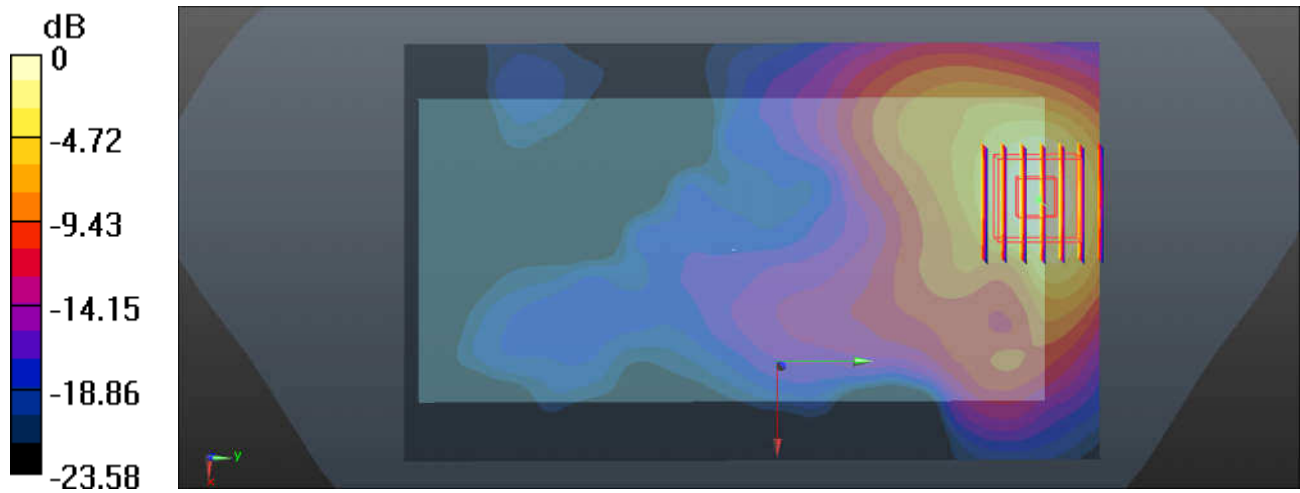
**Ch11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.880 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.00 W/kg

**SAR(1 g) = 0.541 W/kg; SAR(10 g) = 0.272 W/kg**

Maximum value of SAR (measured) = 0.776 W/kg



0 dB = 0.776 W/kg = -1.10 dBW/kg

**64\_WLAN2.4GHz\_802.11n-HT20 MCS0\_Front\_10mm\_Ch6\_Ant 1+2**

Communication System: UID 0, WIFI (0); Frequency: 2437 MHz; Duty Cycle: 1:1.084

Medium: MSL\_2450 Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.994$  S/m;  $\epsilon_r = 53.542$ ;  $\rho = 1000$

kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(7.55, 7.55, 7.55); Calibrated: 2016.11.28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM2; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch6/Area Scan (91x151x1):** Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.530 W/kg

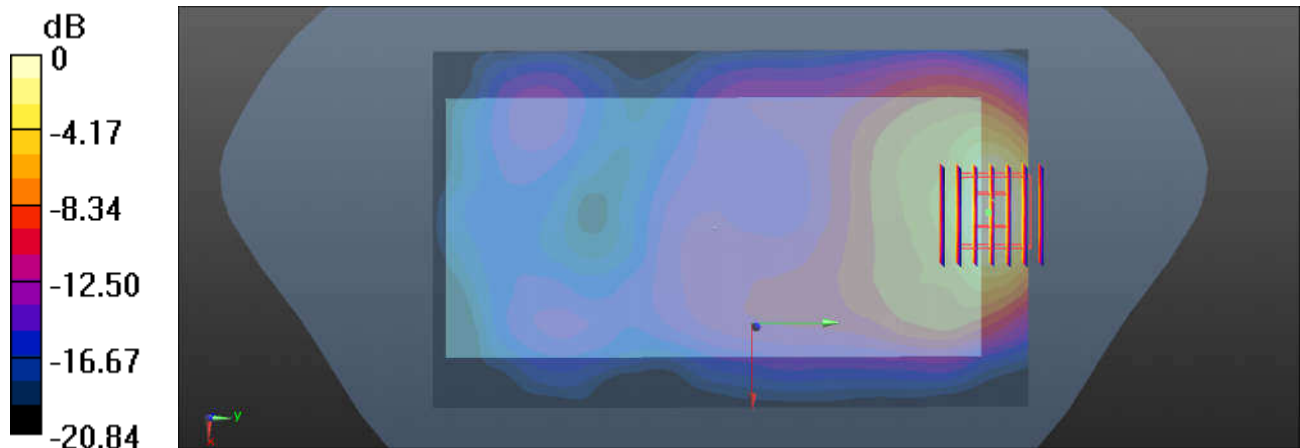
**Ch6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.976 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.647 W/kg

**SAR(1 g) = 0.348 W/kg; SAR(10 g) = 0.170 W/kg**

Maximum value of SAR (measured) = 0.500 W/kg



0 dB = 0.500 W/kg = -3.01 dBW/kg

**65\_WLAN5.3GHz\_802.11a 6Mbps\_Back\_10mm\_Ch52\_Ant 1**

Communication System: UID 0, WIFI (0); Frequency: 5260 MHz; Duty Cycle: 1:1.071

Medium: MSL\_5000 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 5.517$  S/m;  $\epsilon_r = 47.788$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(4.27, 4.27, 4.27); Calibrated: 2016.5.25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2016.5.18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch52/Area Scan (111x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.44 W/kg

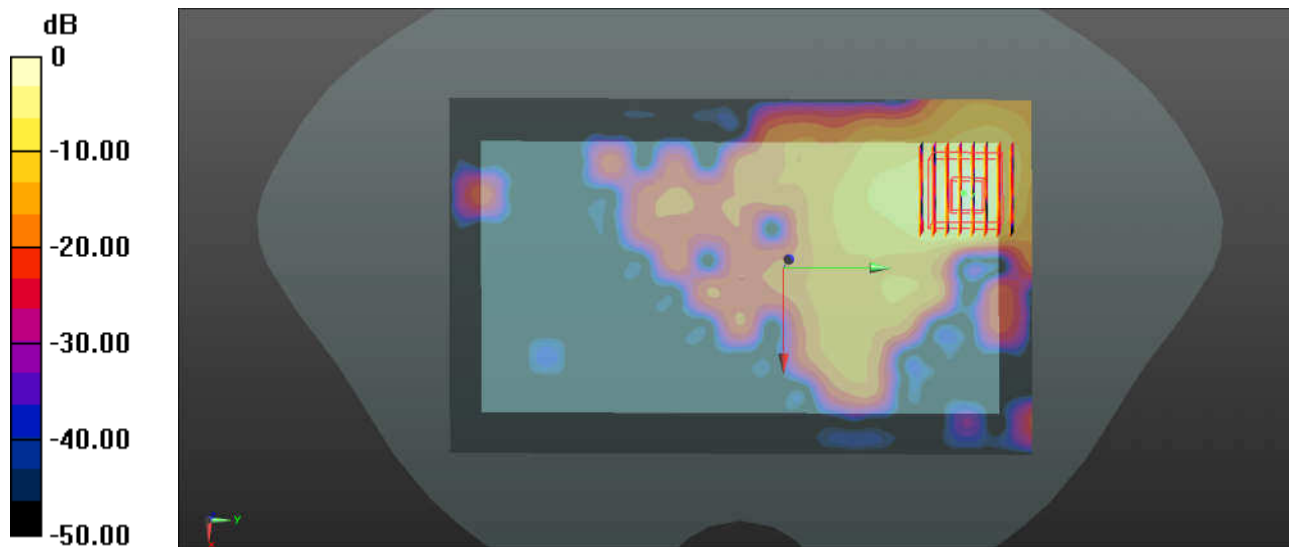
**Ch52/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.320 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.57 W/kg

**SAR(1 g) = 0.708 W/kg; SAR(10 g) = 0.219 W/kg**

Maximum value of SAR (measured) = 1.65 W/kg



0 dB = 1.65 W/kg = 2.17 dBW/kg

**66\_WLAN5.3GHz\_802.11a 6Mbps\_Back\_10mm\_Ch56\_Ant 2**

Communication System: UID 0, WIFI (0); Frequency: 5280 MHz; Duty Cycle: 1:1.076

Medium: MSL\_5000 Medium parameters used:  $f = 5280$  MHz;  $\sigma = 5.392$  S/m;  $\epsilon_r =$

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

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(4.27, 4.27, 4.27); Calibrated: 2016.5.25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2016.5.18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch56/Area Scan (111x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.18 W/kg

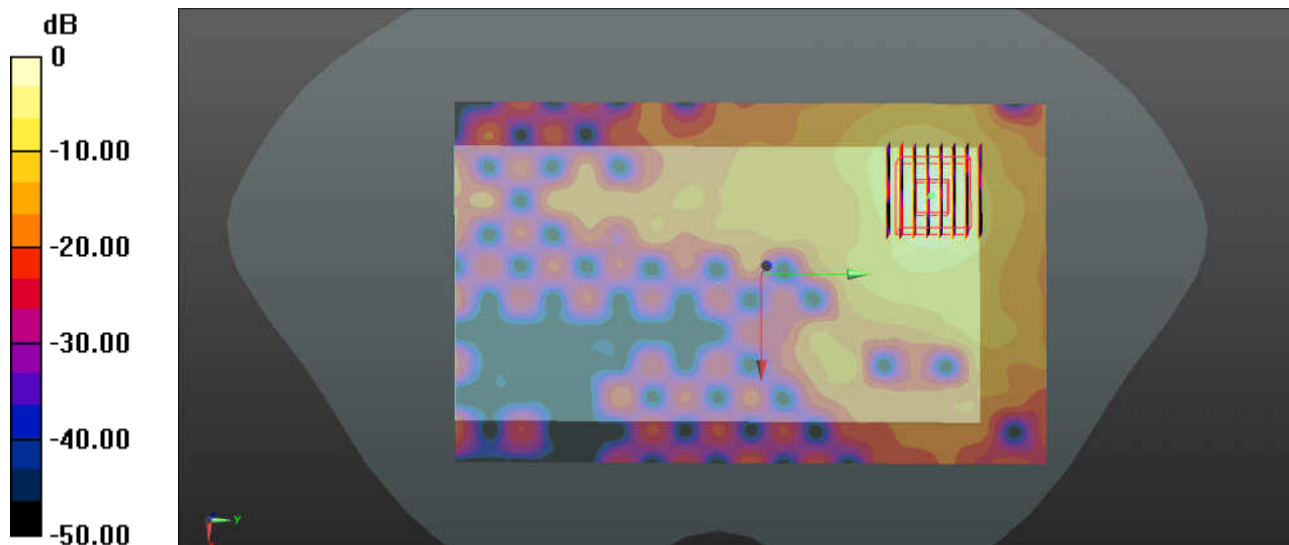
**Ch56/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.222 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 2.43 W/kg

**SAR(1 g) = 0.627 W/kg; SAR(10 g) = 0.187 W/kg**

Maximum value of SAR (measured) = 1.47 W/kg



**67\_WLAN5.3GHz\_802.11n-HT20 MCS0\_Back\_10mm\_Ch52\_Ant 1+2**

Communication System: UID 0, WIFI (0); Frequency: 5260 MHz; Duty Cycle: 1:1.067

Medium: MSL\_5000 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 5.538$  S/m;  $\epsilon_r = 47.83$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(3.95, 3.95, 3.95); Calibrated: 2016.6.27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM1; Type: SAM; Serial: TP-1644
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch52/Area Scan (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.02 W/kg

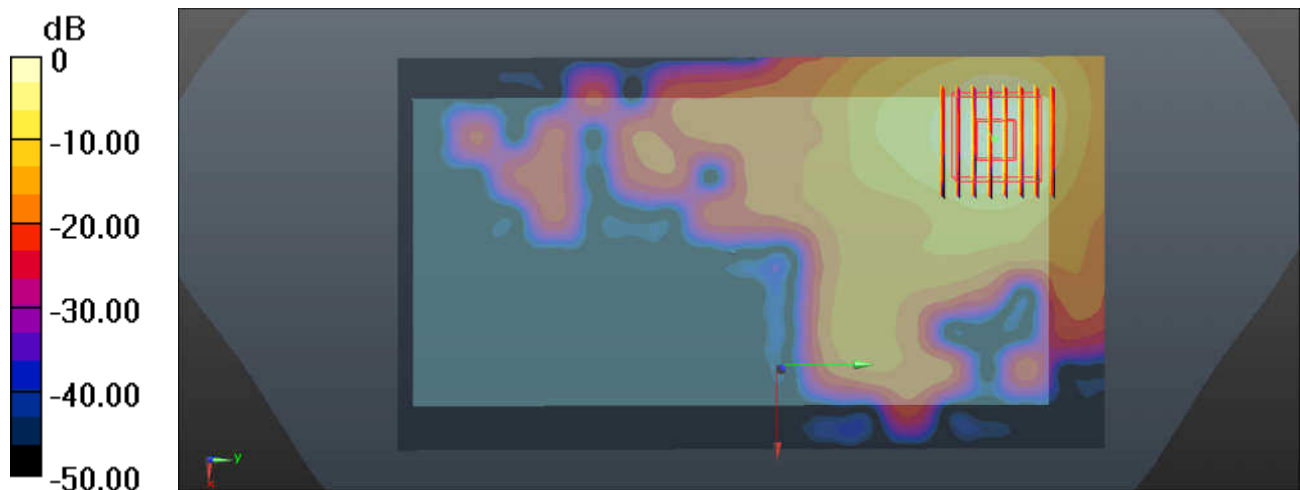
**Ch52/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.535 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 3.13 W/kg

**SAR(1 g) = 0.880 W/kg; SAR(10 g) = 0.279 W/kg**

Maximum value of SAR (measured) = 1.94 W/kg



0 dB = 1.94 W/kg = 2.88 dBW/kg

**68\_WLAN5.5GHz\_802.11a 6Mbps\_Back\_10mm\_Ch140\_Ant 1**

Communication System: UID 0, WIFI (0); Frequency: 5700 MHz; Duty Cycle: 1:1.071

Medium: MSL\_5000 Medium parameters used:  $f = 5700$  MHz;  $\sigma = 6.132$  S/m;  $\epsilon_r = 47.097$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(3.76, 3.76, 3.76); Calibrated: 2016.5.25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2016.5.18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch140/Area Scan (111x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.10 W/kg

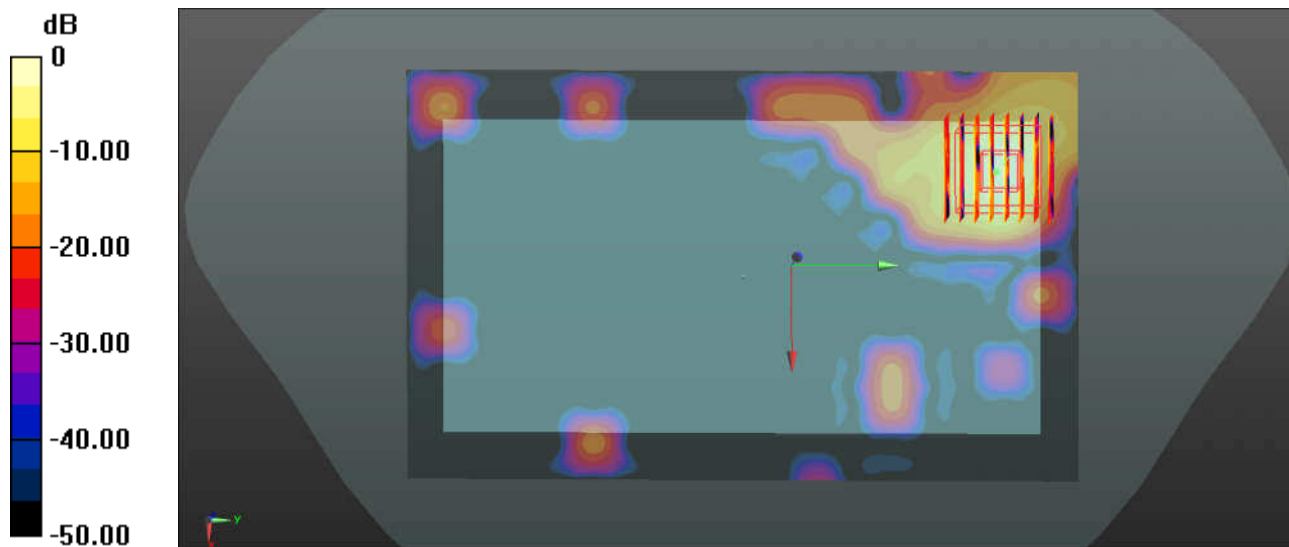
**Ch140/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.9460 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.94 W/kg

**SAR(1 g) = 0.461 W/kg; SAR(10 g) = 0.124 W/kg**

Maximum value of SAR (measured) = 1.14 W/kg



0 dB = 1.14 W/kg = 0.57 dBW/kg

**69\_WLAN5.5GHz\_802.11n-HT20 MCS0\_Back\_10mm\_Ch140\_Ant 2**

Communication System: UID 0, WIFI (0); Frequency: 5700 MHz; Duty Cycle: 1:1.084

Medium: MSL5000 Medium parameters used:  $f = 5700$  MHz;  $\sigma = 5.995$  S/m;  $\epsilon_r = 47.443$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3954; ConvF(3.92, 3.92, 3.92); Calibrated: 2016.11.28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM2; Type: SAM; Serial: TP-1542
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch140/Area Scan (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.47 W/kg

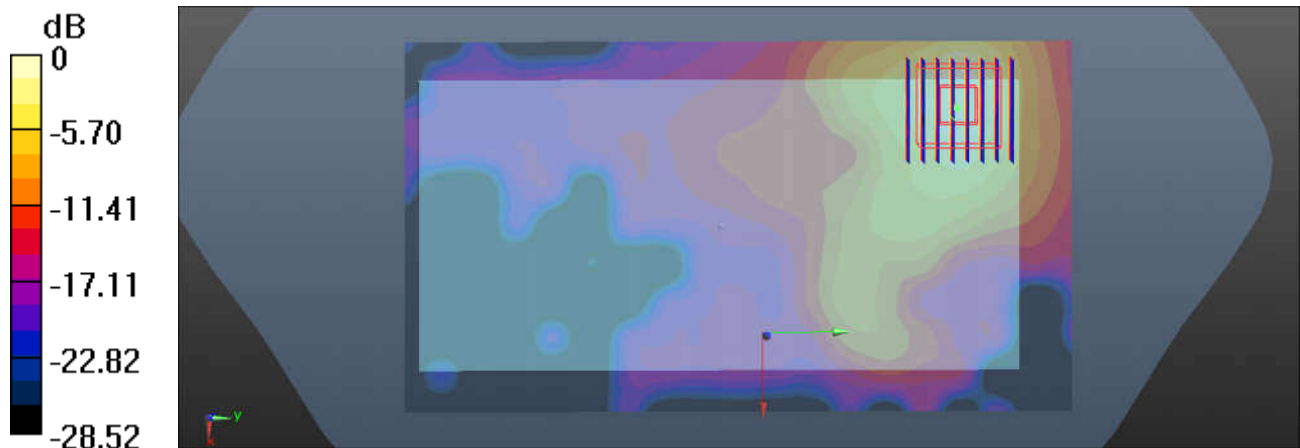
**Ch140/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.370 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 2.61 W/kg

**SAR(1 g) = 0.614 W/kg; SAR(10 g) = 0.212 W/kg**

Maximum value of SAR (measured) = 1.44 W/kg



0 dB = 1.44 W/kg = 1.58 dBW/kg

**70\_WLAN5.5GHz\_802.11n-HT20 MCS0\_Back\_10mm\_Ch100\_Ant 1+2**

Communication System: UID 0, WIFI (0); Frequency: 5500 MHz; Duty Cycle: 1:1.067

Medium: MSL\_5000 Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.848$  S/m;  $\epsilon_r = 47.418$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(3.71, 3.71, 3.71); Calibrated: 2016.6.27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM1; Type: SAM; Serial: TP-1644
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch100/Area Scan (101x181x1):** Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.98 W/kg

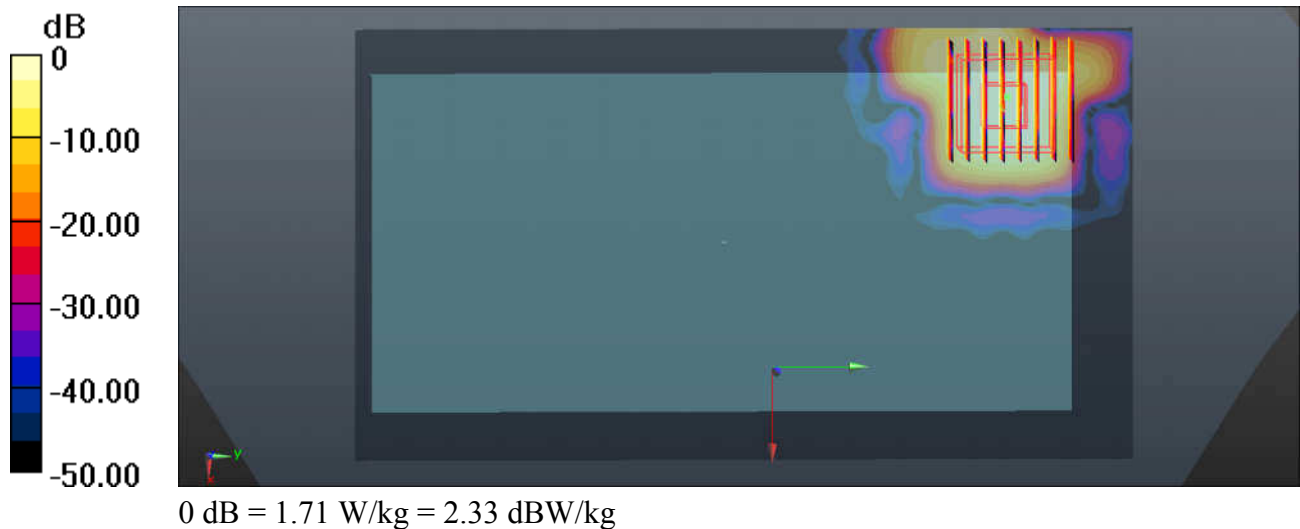
**Ch100/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.472 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.76 W/kg

**SAR(1 g) = 0.712 W/kg; SAR(10 g) = 0.226 W/kg**

Maximum value of SAR (measured) = 1.71 W/kg



**71\_Bluetooth\_1Mbps\_Front\_10mm\_Ch78**

Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz; Duty Cycle: 1:1.302

Medium: MSL\_2450 Medium parameters used:  $f = 2480$  MHz;  $\sigma = 2.036$  S/m;  $\epsilon_r = 53.416$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(6.79, 6.79, 6.79); Calibrated: 2016.6.27;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2016.4.4
- Phantom: SAM1; Type: SAM; Serial: TP-1644
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch78/Area Scan (91x151x1):** Interpolated grid:  $dx=1.200$  mm,  $dy=1.200$  mm

Maximum value of SAR (interpolated) = 0.0468 W/kg

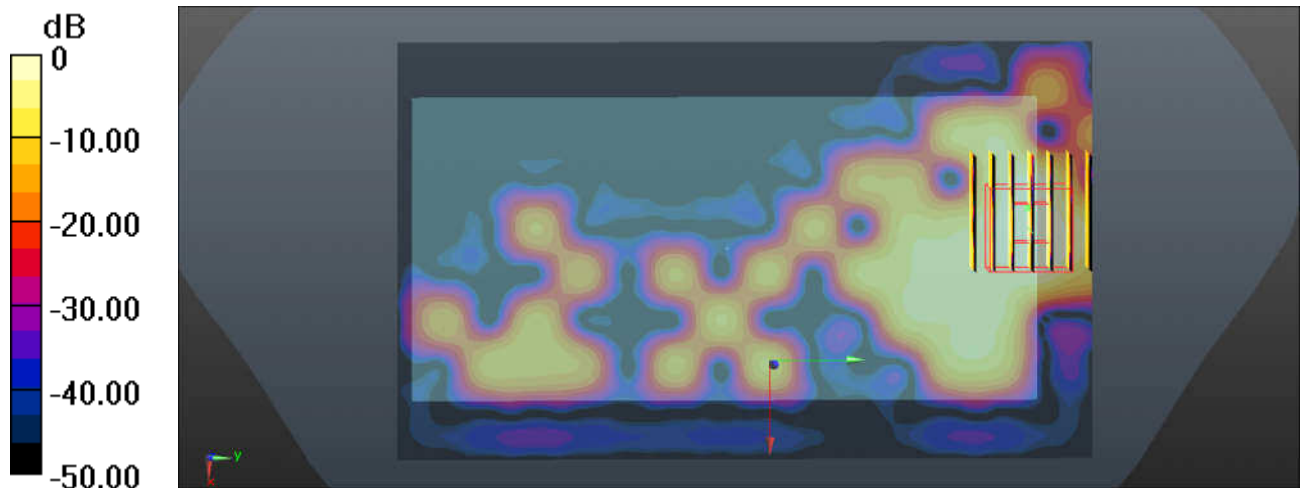
**Ch78/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 1.361 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.0570 W/kg

**SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.011 W/kg**

Maximum value of SAR (measured) = 0.0379 W/kg



0 dB = 0.0379 W/kg = -14.21 dBW/kg

**72\_GSM1900\_GPRS 3 Tx slots\_Back\_0mm\_Ch512**

Communication System: UID 0, GPRS/EDGE (3 Tx slots) (0); Frequency: 1850.2 MHz; Duty Cycle: 1:2.77

Medium: MSL\_1900 Medium parameters used:  $f = 1850.2$  MHz;  $\sigma = 1.505$  S/m;  $\epsilon_r = 54.798$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.55, 7.55, 7.55); Calibrated: 2016.5.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2016.5.18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch512/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.75 W/kg

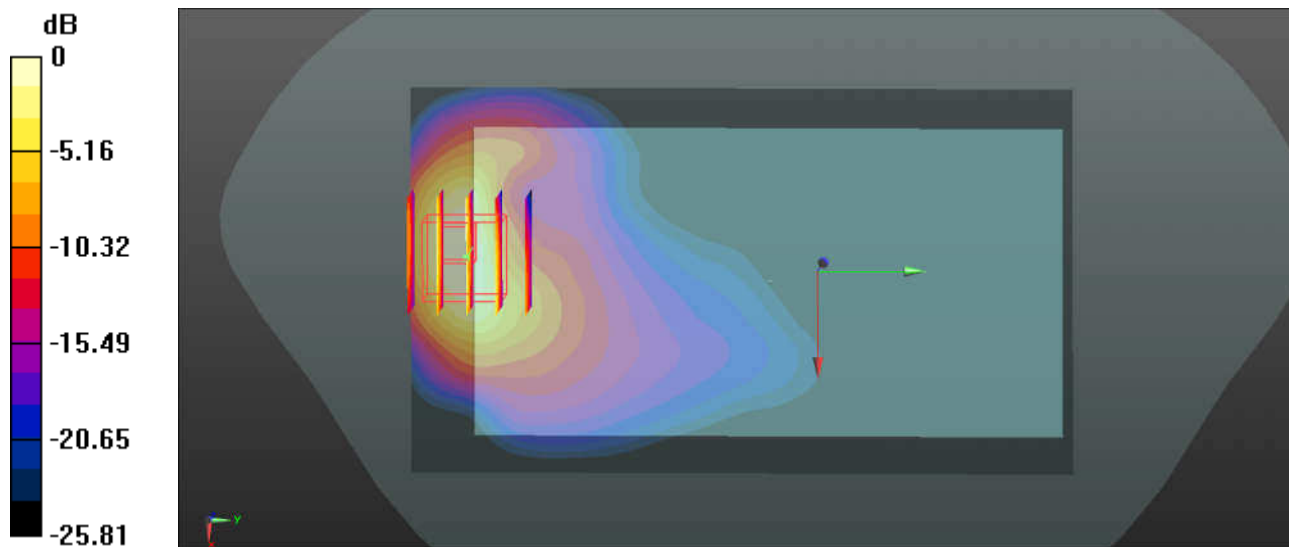
**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.144 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 12.9 W/kg

**SAR(1 g) = 5.98 W/kg; SAR(10 g) = 2.84 W/kg**

Maximum value of SAR (measured) = 9.52 W/kg



0 dB = 9.52 W/kg = 9.79 dBW/kg

**73\_WCDMA Band IV\_RMC 12.2Kbps\_Back\_0mm\_Ch1513**

Communication System: UID 0, UMTS (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: MSL\_1750 Medium parameters used:  $f = 1752.6$  MHz;  $\sigma = 1.512$  S/m;  $\epsilon_r = 54.526$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.81, 7.81, 7.81); Calibrated: 2016.5.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2016.5.18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch1513/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 9.67 W/kg

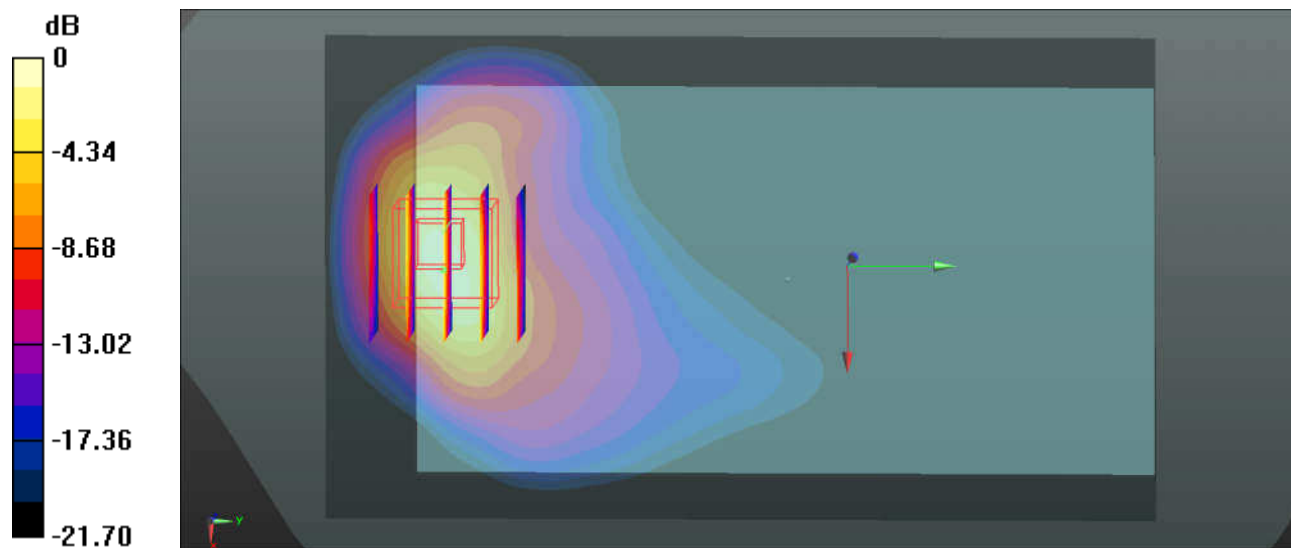
**Ch1513/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.338 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 15.3 W/kg

**SAR(1 g) = 7.11 W/kg; SAR(10 g) = 3.33 W/kg**

Maximum value of SAR (measured) = 11.4 W/kg



0 dB = 11.4 W/kg = 10.57 dBW/kg

**74\_WCDMA Band II\_RMC 12.2Kbps\_Back\_0mm\_Ch9262**

Communication System: UID 0, UMTS (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL\_1900 Medium parameters used:  $f = 1852.4$  MHz;  $\sigma = 1.508$  S/m;  $\epsilon_r = 54.796$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.55, 7.55, 7.55); Calibrated: 2016.5.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2016.5.18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch9262/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 6.11 W/kg

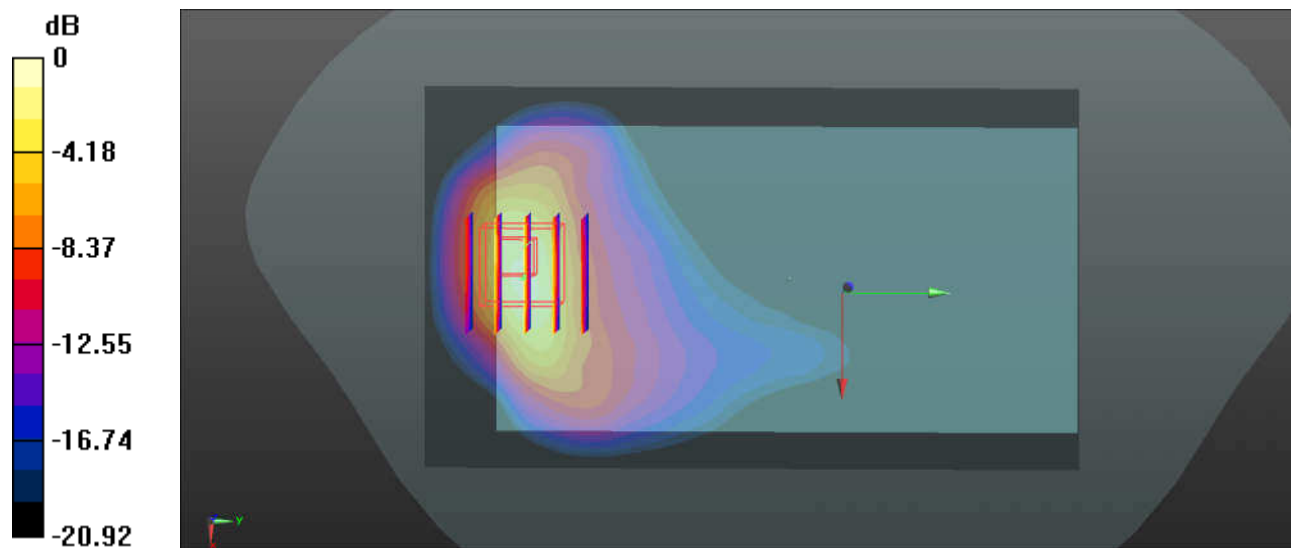
**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.519 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 10.6 W/kg

**SAR(1 g) = 5.07 W/kg; SAR(10 g) = 2.45 W/kg**

Maximum value of SAR (measured) = 7.52 W/kg



0 dB = 7.52 W/kg = 8.76 dBW/kg

**75\_CDMA2000 BC1\_RTAP153.6Kbps\_Back\_0mm\_Ch25**

Communication System: UID 0, CDMA2000 (0); Frequency: 1851.25 MHz; Duty Cycle: 1:1  
Medium: MSL\_1900 Medium parameters used:  $f = 1851.25$  MHz;  $\sigma = 1.507$  S/m;  $\epsilon_r = 54.796$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(7.55, 7.55, 7.55); Calibrated: 2016.5.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2016.5.18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch25/Area Scan (71x121x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 7.25 W/kg

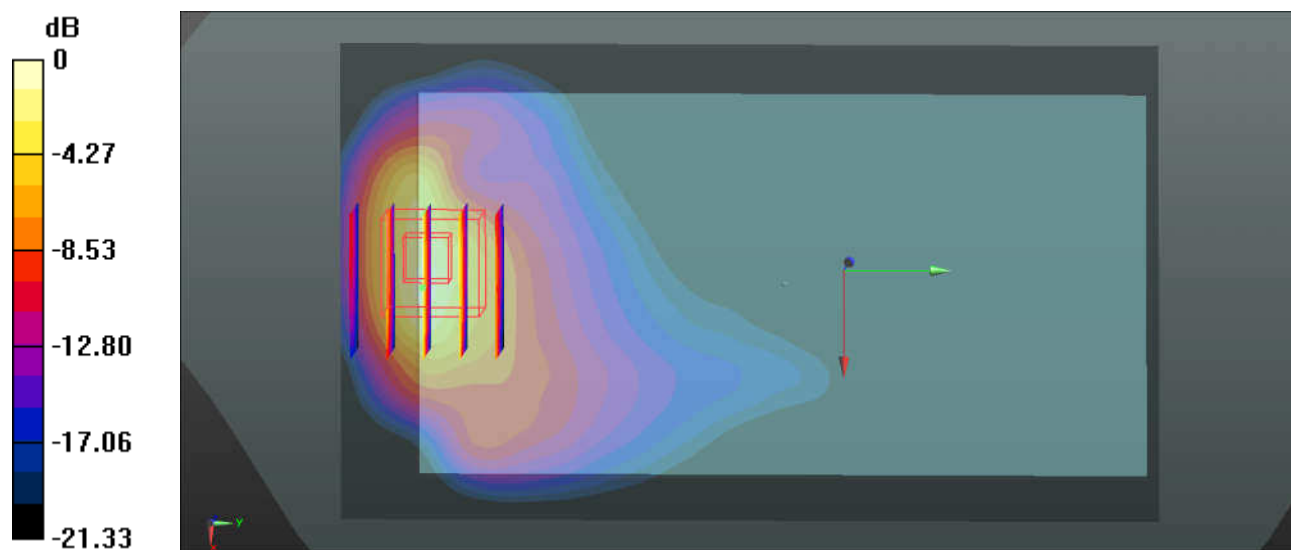
**Ch25/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.298 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 12.3 W/kg

**SAR(1 g) = 6.05 W/kg; SAR(10 g) = 2.98 W/kg**

Maximum value of SAR (measured) = 9.19 W/kg



0 dB = 9.19 W/kg = 9.63 dBW/kg

**76\_LTE Band 4\_20M\_QPSK\_1RB\_0Offset\_Back\_0mm\_Ch20175**

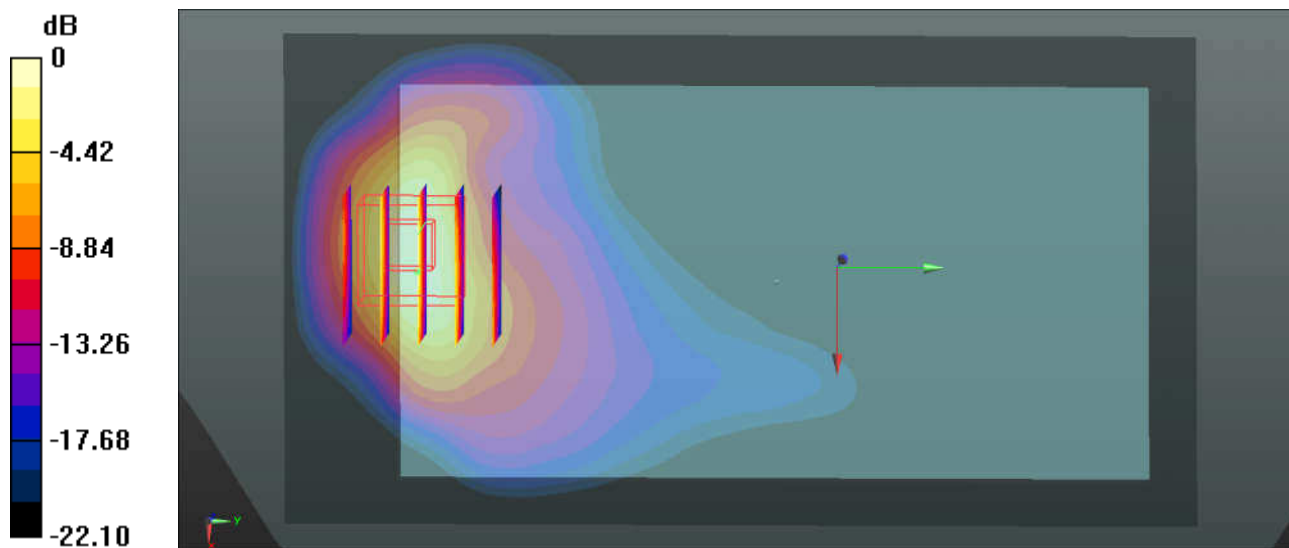
Communication System: UID 0, FDD\_LTE (0); Frequency: 1732.5 MHz; Duty Cycle: 1:1  
Medium: MSL\_1750 Medium parameters used:  $f = 1732.5$  MHz;  $\sigma = 1.49$  S/m;  $\epsilon_r = 54.608$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.9 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3857; ConvF(7.81, 7.81, 7.81); Calibrated: 2016.5.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2016.5.18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch20175/Area Scan (71x131x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm  
Maximum value of SAR (interpolated) = 8.88 W/kg

**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm  
Reference Value = 5.496 V/m; Power Drift = -0.06 dB  
Peak SAR (extrapolated) = 13.8 W/kg  
**SAR(1 g) = 6.41 W/kg; SAR(10 g) = 2.99 W/kg**  
Maximum value of SAR (measured) = 9.78 W/kg



0 dB = 9.78 W/kg = 9.90 dBW/kg

**77\_LTE Band 25\_20M\_QPSK\_1RB\_0Offset\_Back\_0mm\_Ch26140**

Communication System: UID 0, FDD\_LTE (0); Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: MSL\_1900 Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.517$  S/m;  $\epsilon_r = 54.765$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3857; ConvF(7.55, 7.55, 7.55); Calibrated: 2016.5.25;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2016.5.18
- Phantom: SAM1; Type: SAM; Serial: TP-1479
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

**Ch26140/Area Scan (71x121x1):** Interpolated grid:  $dx=1.500$  mm,  $dy=1.500$  mm

Maximum value of SAR (interpolated) = 9.35 W/kg

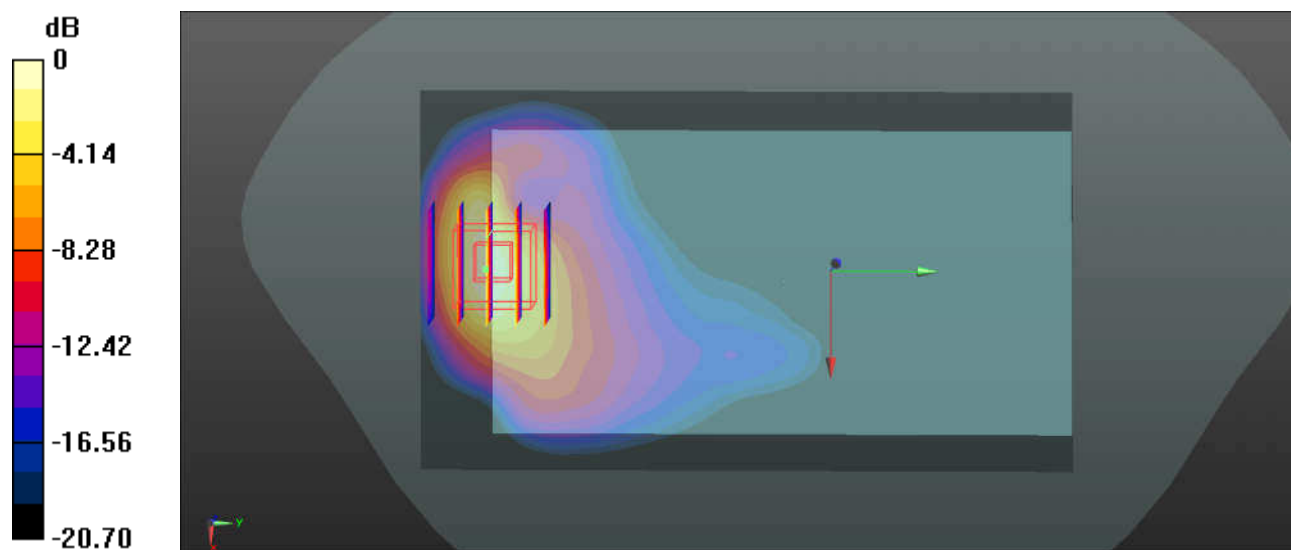
**Ch26140/Zoom Scan (5x5x7)/Cube 0:** Measurement grid:  $dx=8$ mm,  $dy=8$ mm,  $dz=5$ mm

Reference Value = 6.508 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 12.3 W/kg

**SAR(1 g) = 6.02 W/kg; SAR(10 g) = 2.92 W/kg**

Maximum value of SAR (measured) = 9.22 W/kg



0 dB = 9.22 W/kg = 9.65 dBW/kg