

#01_GSM850_GPRS (4 Tx slots)_Left Cheek_Ch128

Communication System: GSM850 ; Frequency: 824.2 MHz; Duty Cycle: 1:2.08

Medium: HSL_850_170830 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.892$ S/m; $\epsilon_r = 42.823$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.99, 5.99, 5.99); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

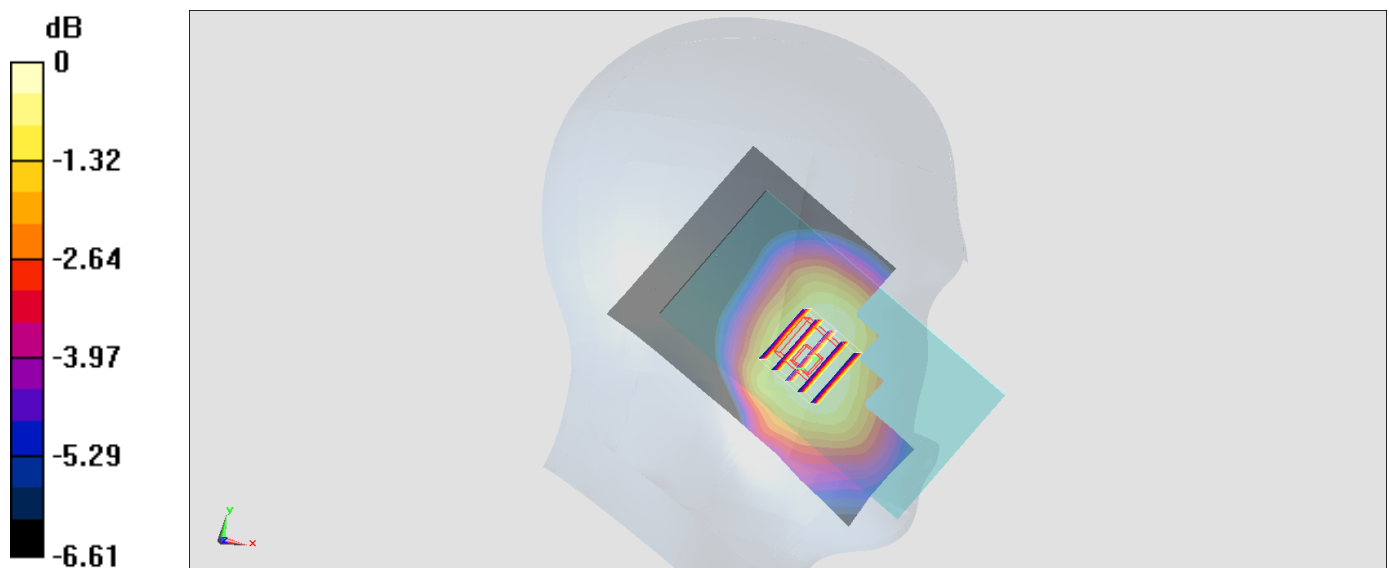
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.50 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.151 W/kg

SAR(1 g) = 0.121 W/kg; SAR(10 g) = 0.097 W/kg

Maximum value of SAR (measured) = 0.132 W/kg



#02_GSM1900_GPRS (4 Tx slots)_Left Cheek_Ch661

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

Medium: HSL_1900_170902 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.417$ S/m; $\epsilon_r = 39.205$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.03, 5.03, 5.03); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

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

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

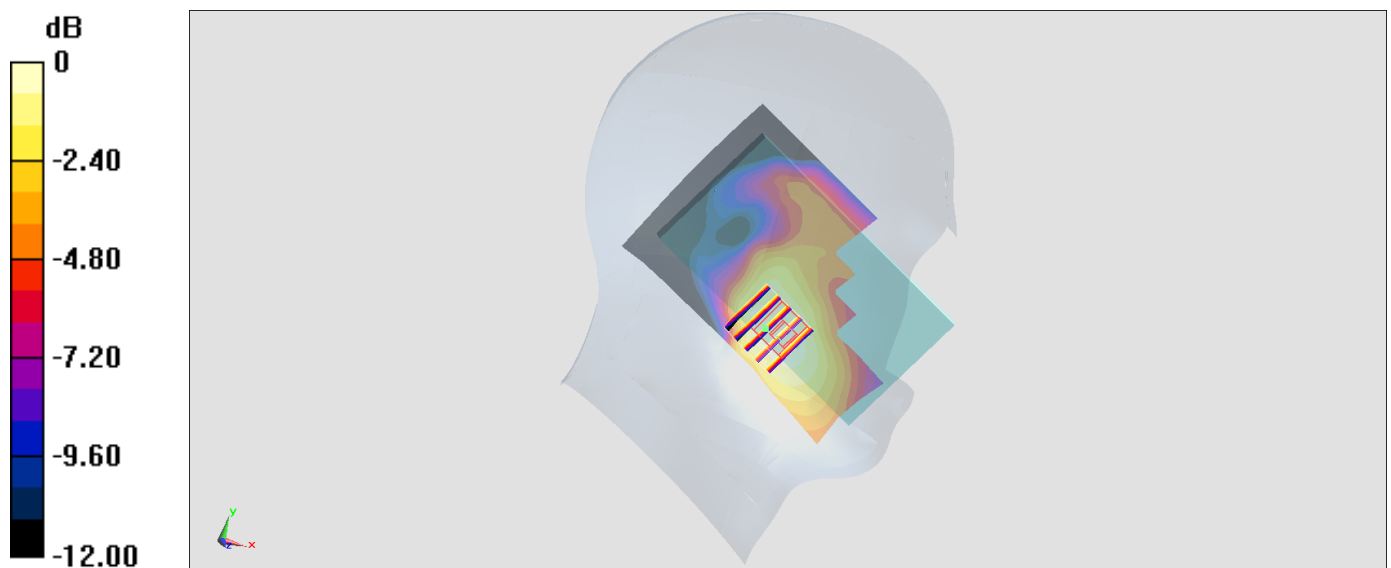
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.606 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.164 W/kg

SAR(1 g) = 0.112 W/kg; SAR(10 g) = 0.074 W/kg

Maximum value of SAR (measured) = 0.128 W/kg



0 dB = 0.128 W/kg = -8.93 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_170909 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.394$ S/m; $\epsilon_r = 41.093$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.03, 5.03, 5.03); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

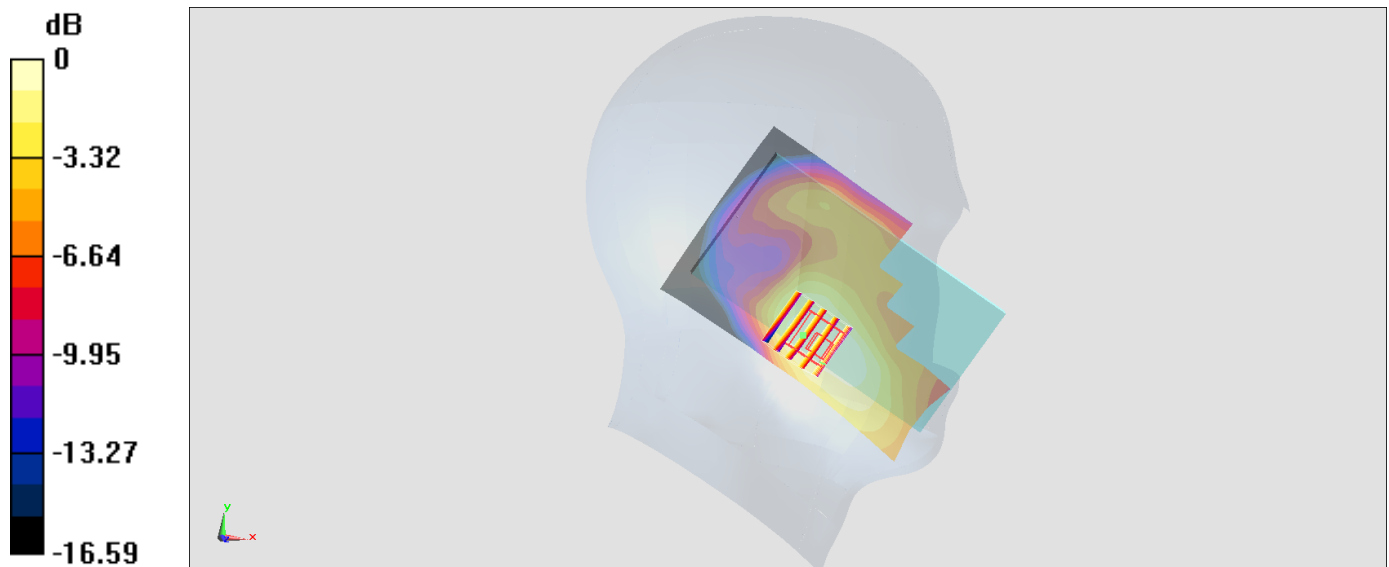
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.71 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.282 W/kg

SAR(1 g) = 0.187 W/kg; SAR(10 g) = 0.122 W/kg

Maximum value of SAR (measured) = 0.212 W/kg



0 dB = 0.212 W/kg = -6.74 dBW/kg

#04_WCDMA V_RMC 12.2Kbps_Left Cheek_Ch4233

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

Medium: HSL_850_170830 Medium parameters used: $f = 847$ MHz; $\sigma = 0.914$ S/m; $\epsilon_r = 42.514$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.99, 5.99, 5.99); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.621 W/kg

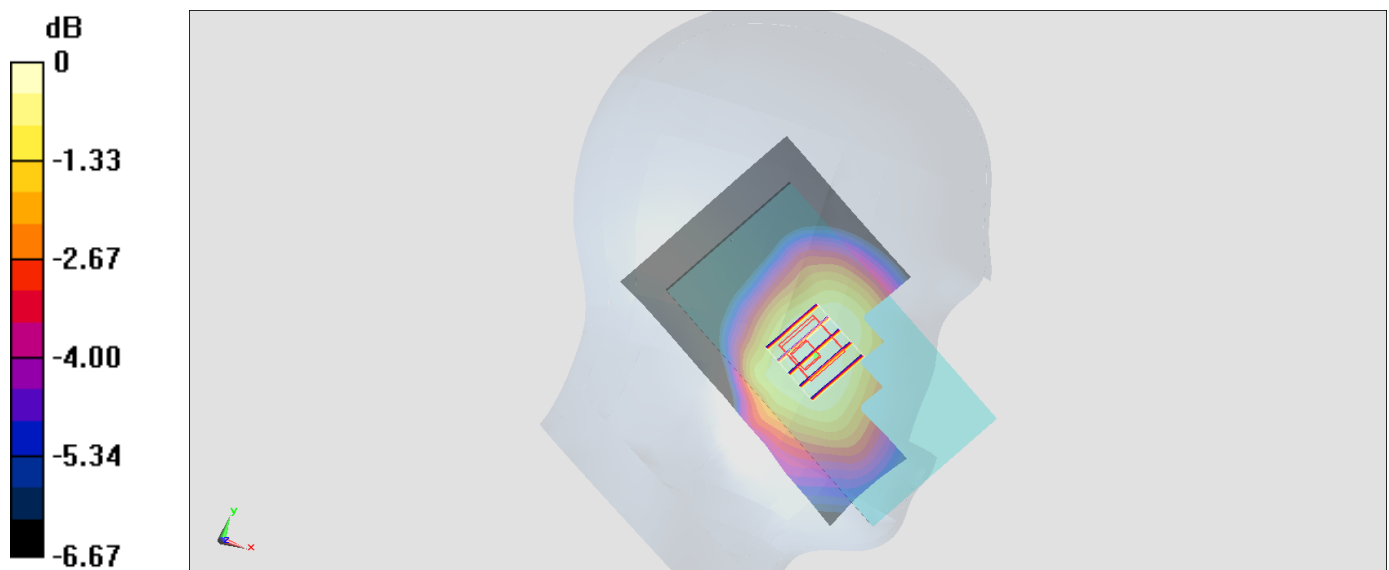
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.63 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.707 W/kg

SAR(1 g) = 0.568 W/kg; SAR(10 g) = 0.453 W/kg

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



0 dB = 0.614 W/kg = -2.12 dBW/kg

#05_LTE Band 2_20M_QPSK_1_0_Left Cheek_Ch18700

Communication System: LTE; Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: HSL_1900_170909 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.402$ S/m; $\epsilon_r = 41.074$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.03, 5.03, 5.03); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.205 W/kg

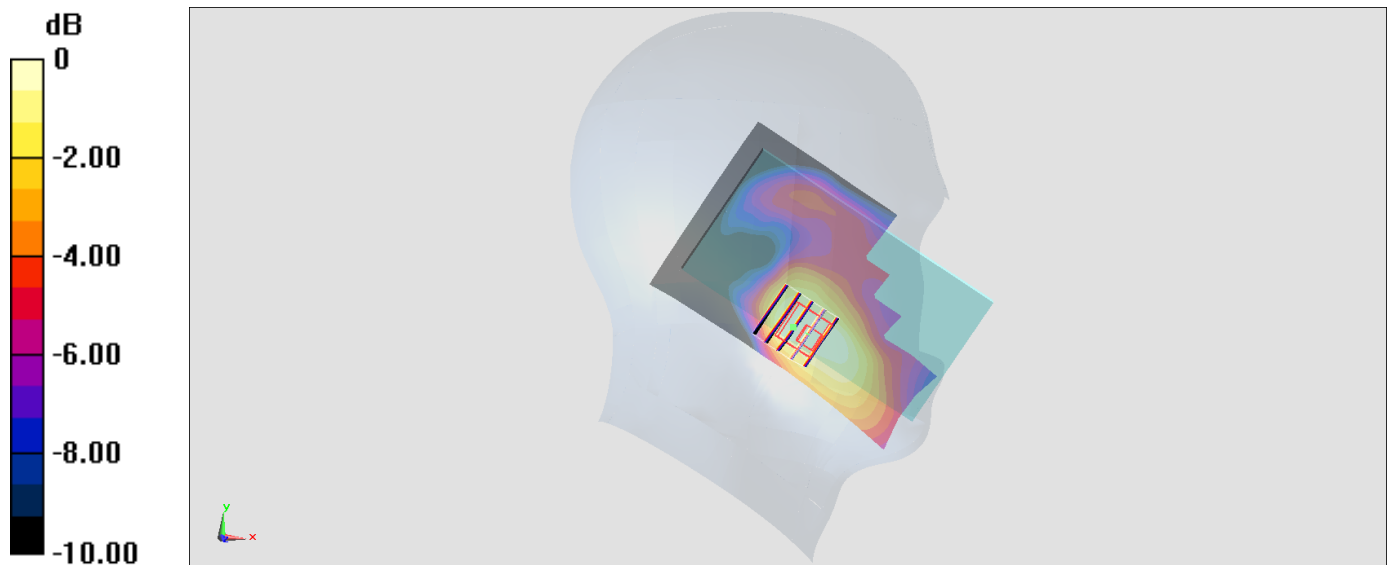
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.14 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.259 W/kg

SAR(1 g) = 0.173 W/kg; SAR(10 g) = 0.113 W/kg

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



0 dB = 0.195 W/kg = -7.10 dBW/kg

#06_LTE Band 5_10M_QPSK_1_0_Left Cheek_Ch20525

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

Medium: HSL_850_170830 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.903$ S/m; $\epsilon_r = 42.657$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.99, 5.99, 5.99); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.304 W/kg

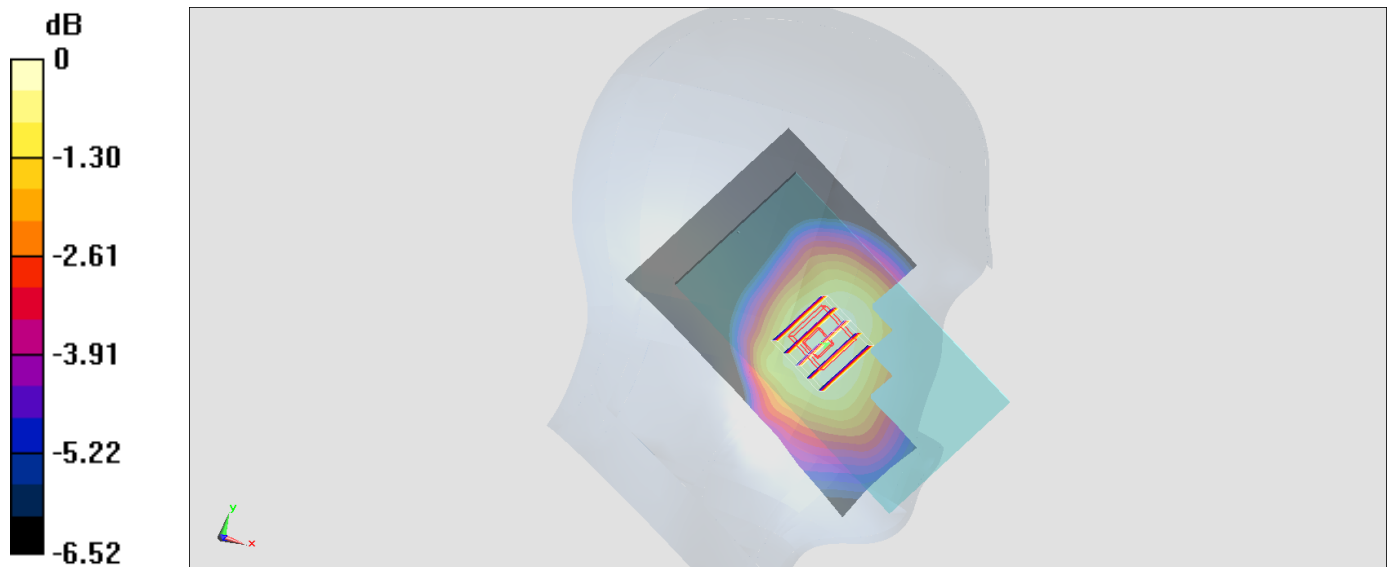
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.75 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.340 W/kg

SAR(1 g) = 0.277 W/kg; SAR(10 g) = 0.223 W/kg

Maximum value of SAR (measured) = 0.298 W/kg



#07_LTE Band 7_20M_QPSK_1_0_Left Cheek_Ch20850

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

Medium: HSL_2600_170908 Medium parameters used: $f = 2510$ MHz; $\sigma = 1.868$ S/m; $\epsilon_r = 40.007$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(4.47, 4.47, 4.47); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.176 W/kg

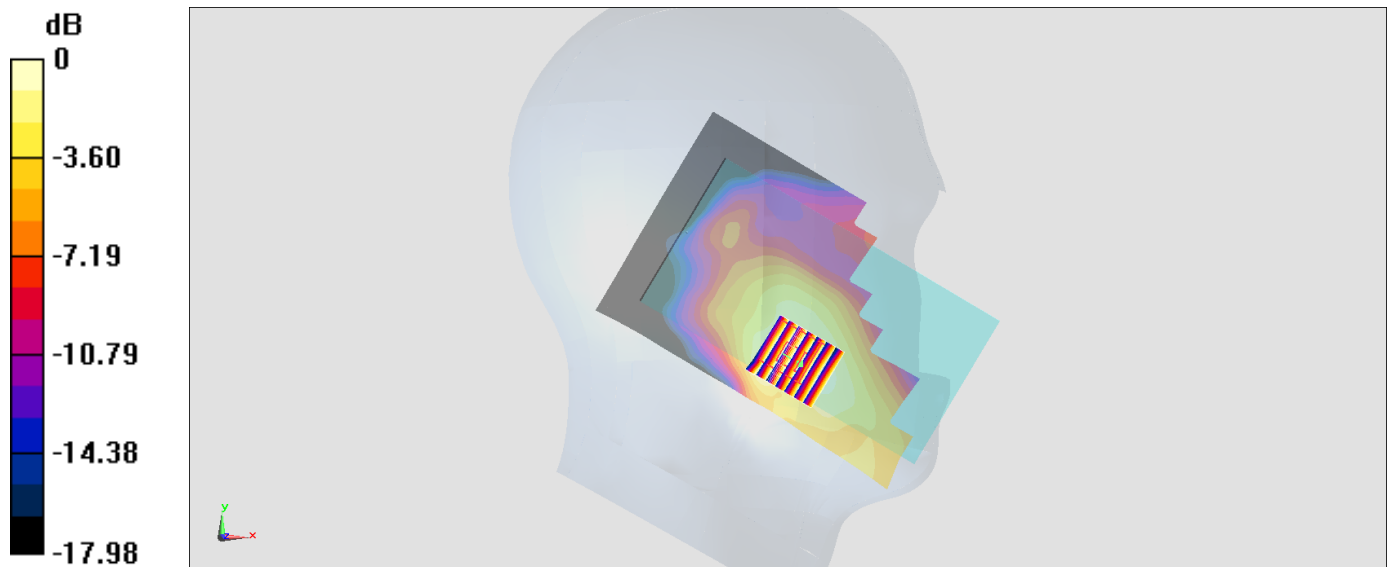
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.808 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.246 W/kg

SAR(1 g) = 0.143 W/kg; SAR(10 g) = 0.084 W/kg

Maximum value of SAR (measured) = 0.173 W/kg



0 dB = 0.173 W/kg = -7.62 dBW/kg

#08_WLAN2.4GHz_802.11b 1Mbps_Left Cheek_Ch1

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

Medium: HSL_2450_170908 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.755$ S/m; $\epsilon_r = 39.462$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(7.49, 7.49, 7.49); Calibrated: 2017/7/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2017/5/2
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1431
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (81x81x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 1.38 W/kg

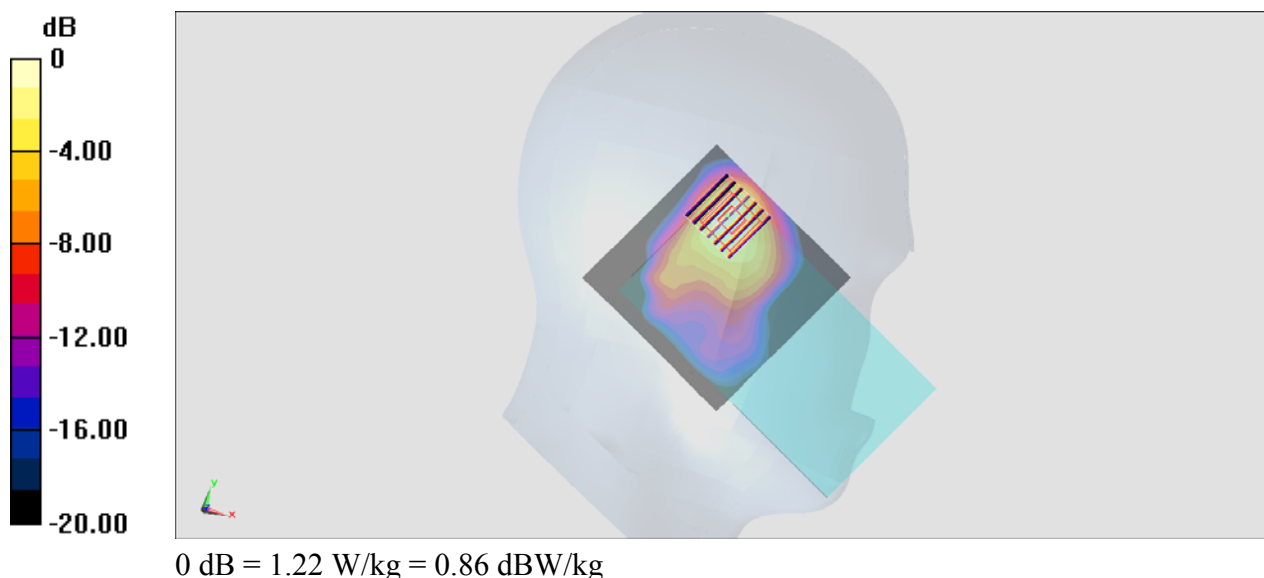
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 21.80 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.756 W/kg; SAR(10 g) = 0.365 W/kg

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



#09_WLAN5GHz_802.11a 6Mbps_Left Cheek_Ch64

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

Medium: HSL_5G_170916 Medium parameters used: $f = 5320$ MHz; $\sigma = 4.646$ S/m; $\epsilon_r = 36.694$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(5.04, 5.04, 5.04); Calibrated: 2017/8/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2016/12/15
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Area Scan (101x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.682 W/kg

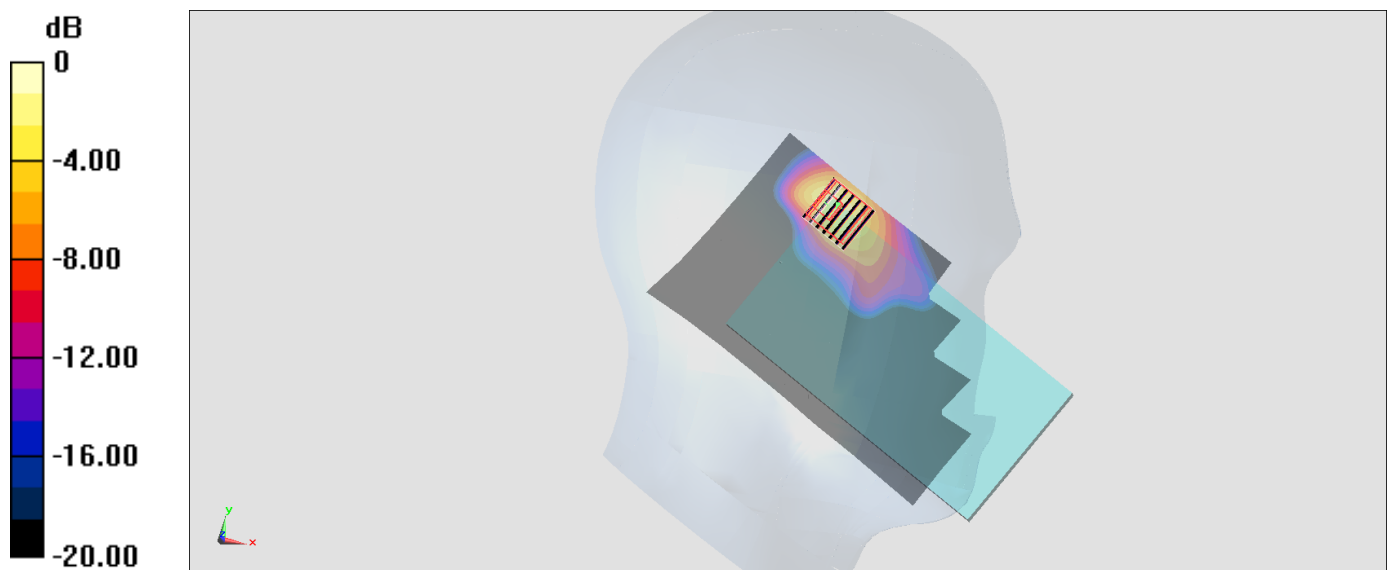
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.92 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.85 W/kg

SAR(1 g) = 0.436 W/kg; SAR(10 g) = 0.136 W/kg

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



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

#10_WLAN5GHz_802.11a 6Mbps_Left Tilted_Ch132

Communication System: 802.11a ; Frequency: 5660 MHz;Duty Cycle: 1:1.029

Medium: HSL_5G_170916 Medium parameters used: $f = 5660$ MHz; $\sigma = 4.995$ S/m; $\epsilon_r = 36.201$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(4.66, 4.66, 4.66); Calibrated: 2017/8/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2016/12/15
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Area Scan (101x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.486 W/kg

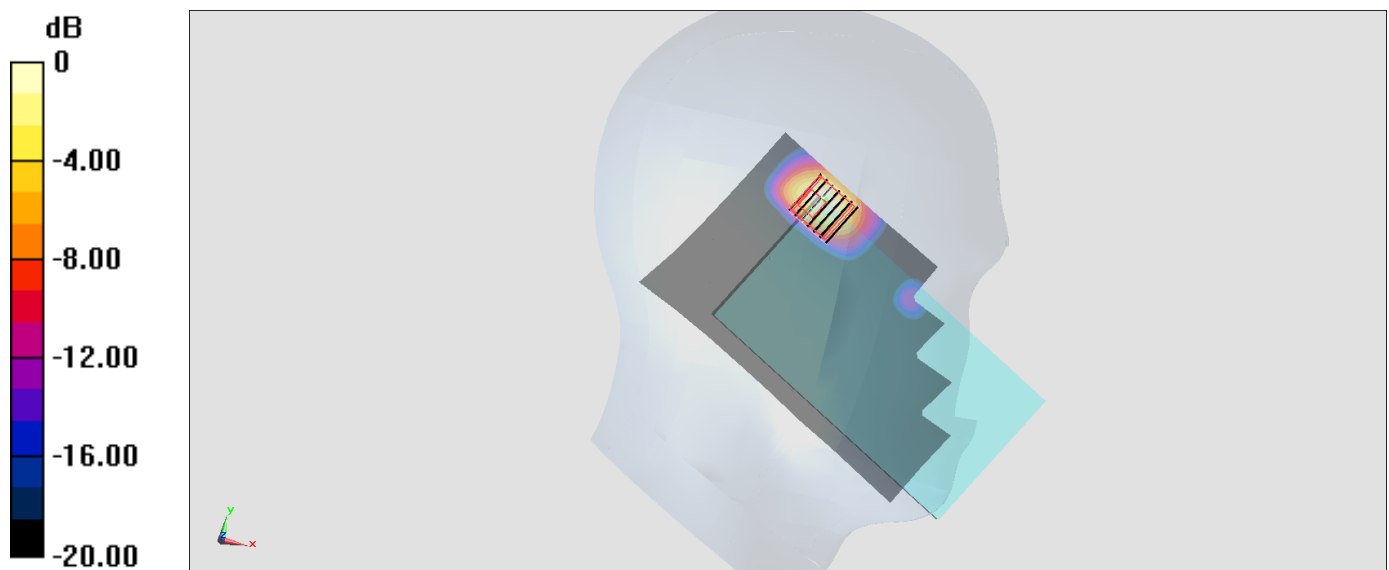
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.203 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.800 W/kg

SAR(1 g) = 0.192 W/kg; SAR(10 g) = 0.051 W/kg

Maximum value of SAR (measured) = 0.479 W/kg



0 dB = 0.479 W/kg = -3.20 dBW/kg

#11_WLAN5GHz_802.11a 6Mbps_Left Cheek_Ch149

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

Medium: HSL_5G_170916 Medium parameters used: $f = 5745$ MHz; $\sigma = 5.083$ S/m; $\epsilon_r = 36.103$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3873; ConvF(4.7, 4.7, 4.7); Calibrated: 2017/8/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2016/12/15
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Area Scan (101x201x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.355 W/kg

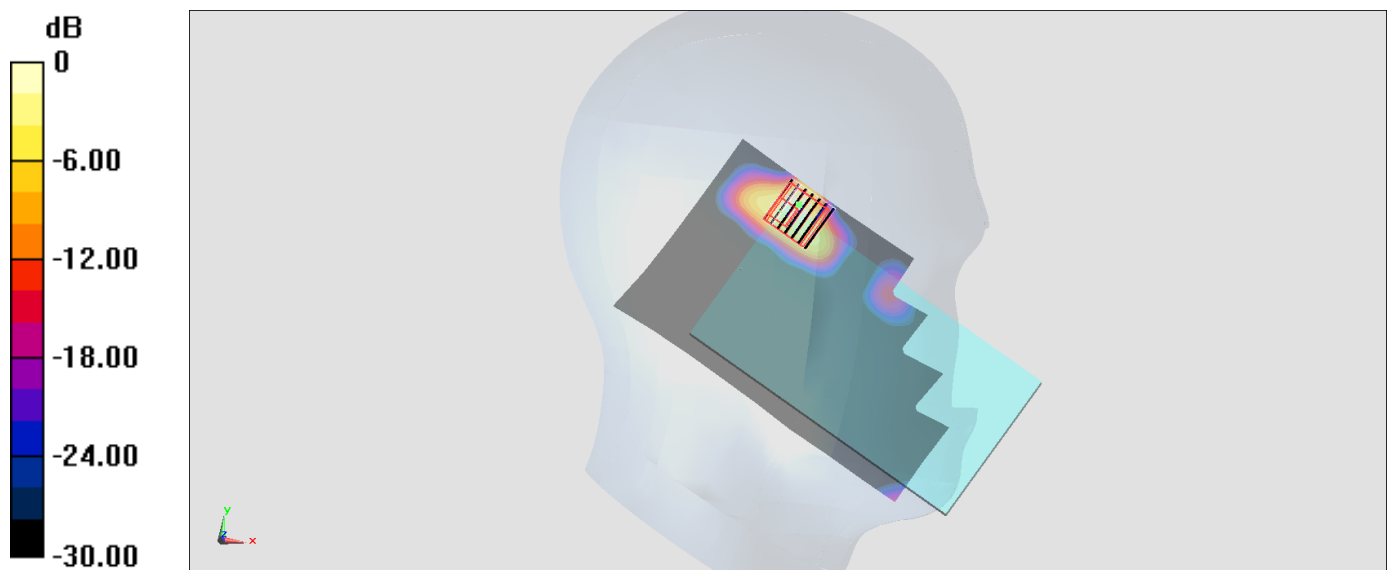
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.689 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.714 W/kg

SAR(1 g) = 0.154 W/kg; SAR(10 g) = 0.041 W/kg

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



0 dB = 0.434 W/kg = -3.63 dBW/kg

#12_GSM850_GPRS (4 Tx slots)_Back_10mm_Ch128

Communication System: GSM850 ; Frequency: 824.2 MHz; Duty Cycle: 1:2.08

Medium: MSL_850_170901 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.942$ S/m; $\epsilon_r = 56.095$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.05, 6.05, 6.05); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

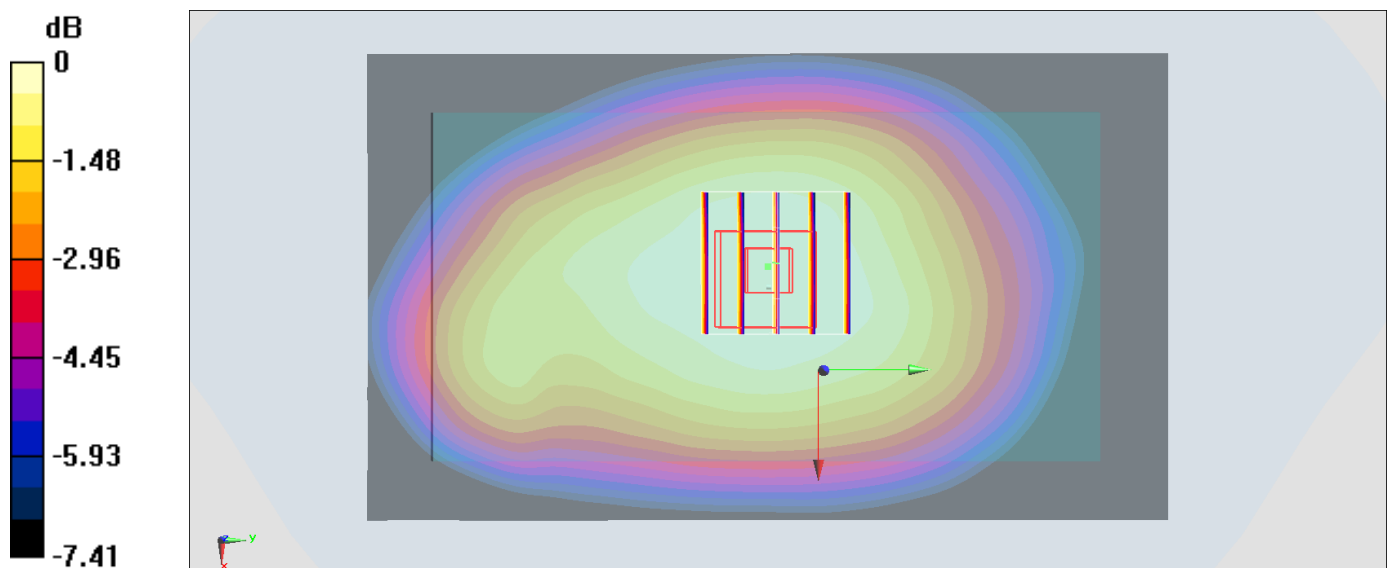
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.90 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.218 W/kg

SAR(1 g) = 0.180 W/kg; SAR(10 g) = 0.143 W/kg

Maximum value of SAR (measured) = 0.196 W/kg



0 dB = 0.196 W/kg = -7.08 dBW/kg

#13_GSM1900_GPRS (4 Tx slots)_Back_10mm_Ch661

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

Medium: MSL_1900_170902 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.536$ S/m; $\epsilon_r = 54.339$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(4.72, 4.72, 4.72); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.480 W/kg

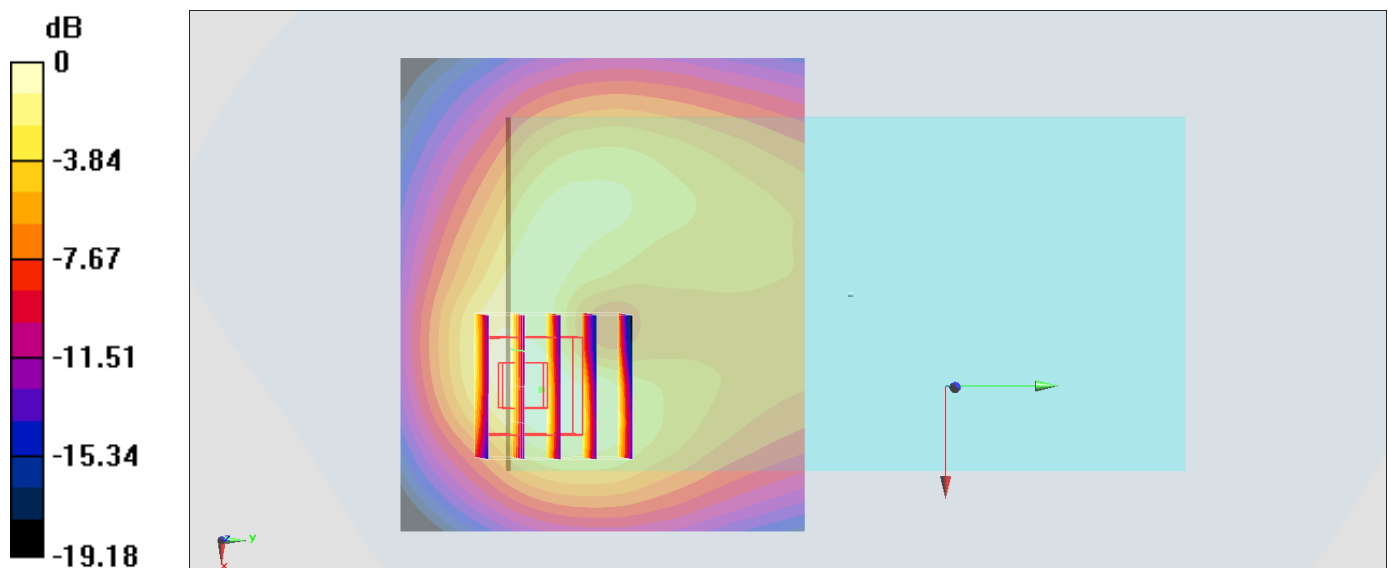
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.720 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.635 W/kg

SAR(1 g) = 0.377 W/kg; SAR(10 g) = 0.208 W/kg

Maximum value of SAR (measured) = 0.451 W/kg



0 dB = 0.451 W/kg = -3.46 dBW/kg

#14_WCDMA II_RMC 12.2Kbps_Back_10mm_Ch9262

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

Medium: MSL_1900_170905 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.52$ S/m; $\epsilon_r = 52.647$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(4.72, 4.72, 4.72); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.733 W/kg

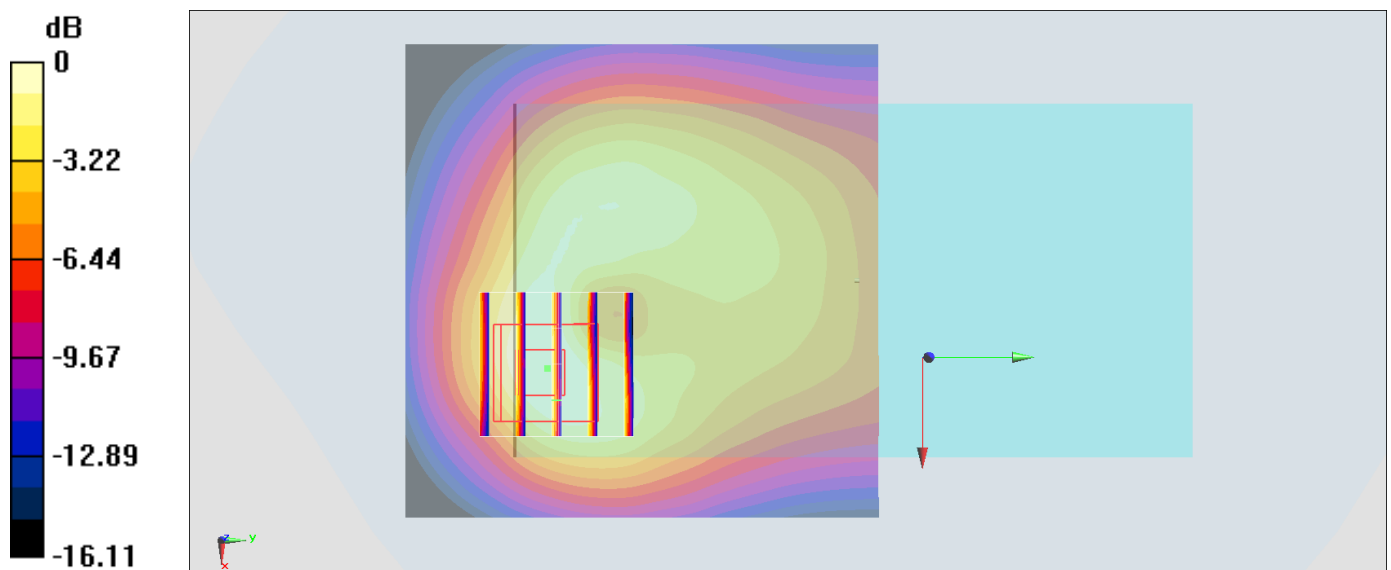
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.13 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.952 W/kg

SAR(1 g) = 0.564 W/kg; SAR(10 g) = 0.314 W/kg

Maximum value of SAR (measured) = 0.651 W/kg



0 dB = 0.651 W/kg = -1.86 dBW/kg

#15_WCDMA V_RMC 12.2Kbps_Back_10mm_Ch4233

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

Medium: MSL_850_170901 Medium parameters used: $f = 847$ MHz; $\sigma = 0.963$ S/m; $\epsilon_r = 55.857$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.05, 6.05, 6.05); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.894 W/kg

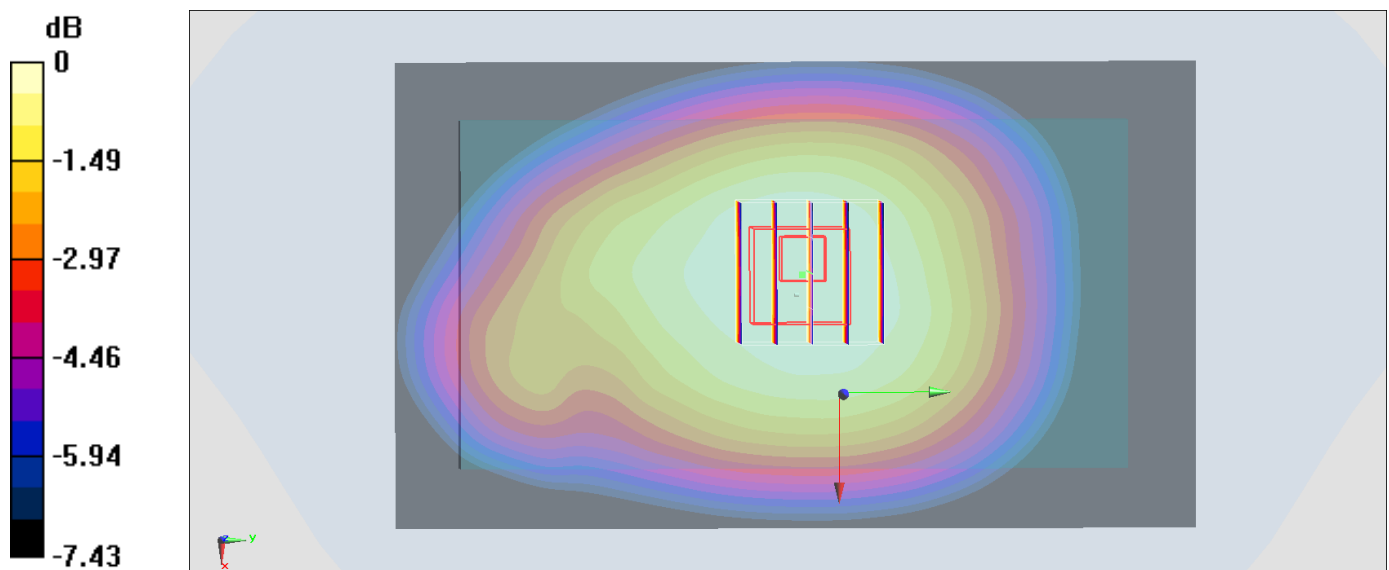
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.43 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.984 W/kg

SAR(1 g) = 0.808 W/kg; SAR(10 g) = 0.633 W/kg

Maximum value of SAR (measured) = 0.878 W/kg



0 dB = 0.878 W/kg = -0.57 dBW/kg

#16_LTE Band 2_20M_QPSK_1_0_Back_10mm_Ch18700

Communication System: LTE ; Frequency: 1860 MHz;Duty Cycle: 1:1

Medium: MSL_1900_170905 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.529$ S/m; $\epsilon_r = 52.632$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(4.72, 4.72, 4.72); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.737 W/kg

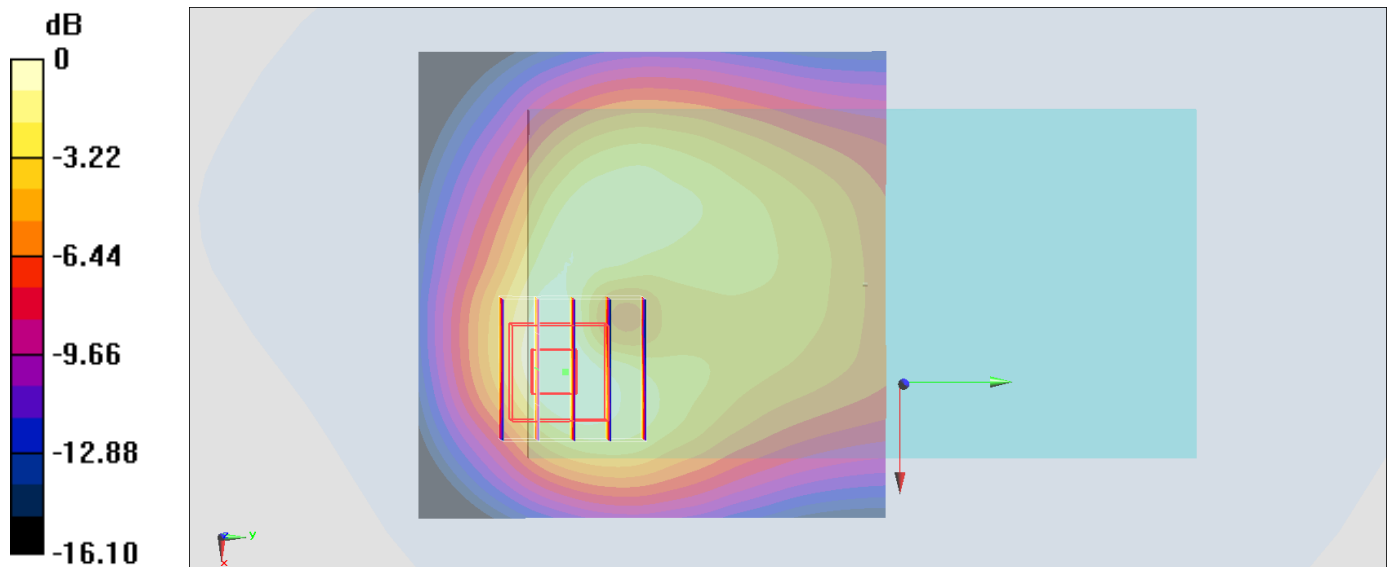
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.58 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.939 W/kg

SAR(1 g) = 0.554 W/kg; SAR(10 g) = 0.309 W/kg

Maximum value of SAR (measured) = 0.637 W/kg



0 dB = 0.637 W/kg = -1.96 dBW/kg

#17_LTE Band 5_10M_QPSK_1_0_Back_10mm_Ch20525

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

Medium: MSL_850_170901 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.953$ S/m; $\epsilon_r = 55.969$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.05, 6.05, 6.05); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.509 W/kg

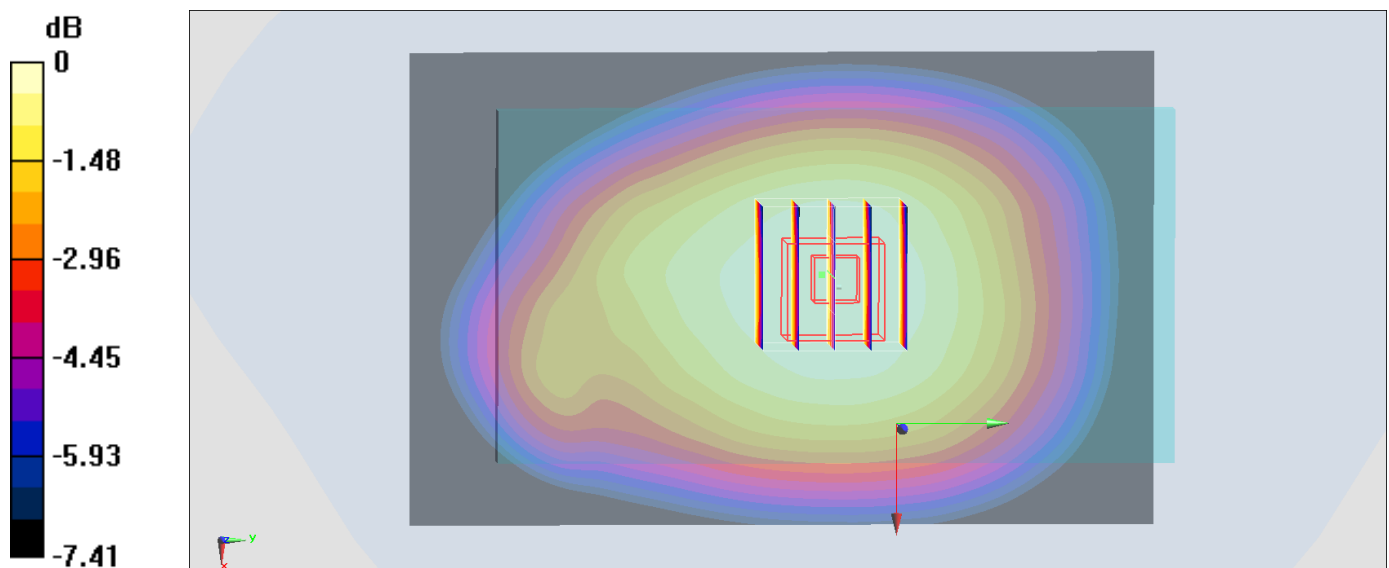
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.99 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.562 W/kg

SAR(1 g) = 0.465 W/kg; SAR(10 g) = 0.367 W/kg

Maximum value of SAR (measured) = 0.506 W/kg



0 dB = 0.506 W/kg = -2.96 dBW/kg

#18_LTE Band 7_20M_QPSK_1_0_Back_10mm_Ch20850

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

Medium: MSL_2600_170906 Medium parameters used: $f = 2510$ MHz; $\sigma = 2.065$ S/m; $\epsilon_r = 53.025$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(4.17, 4.17, 4.17); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Area Scan (81x91x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

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

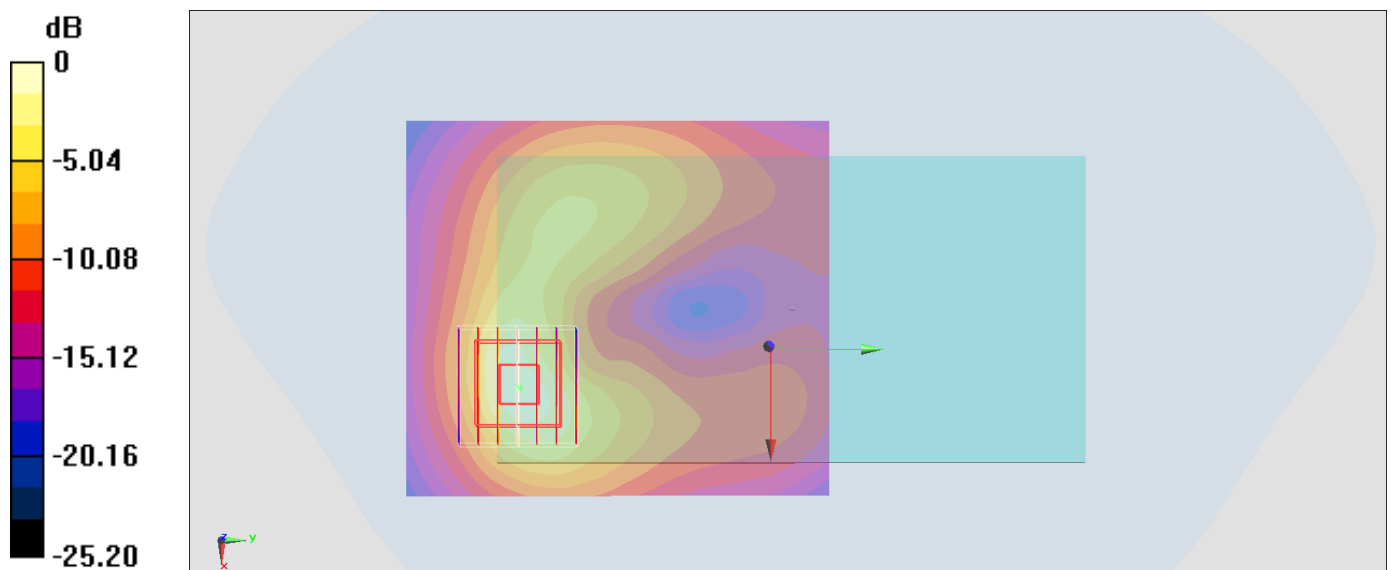
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 14.09 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 2.06 W/kg

SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.493 W/kg

Maximum value of SAR (measured) = 1.42 W/kg



0 dB = 1.42 W/kg = 1.52 dBW/kg

#19_WLAN2.4GHz_802.11b 1Mbps_Back_10mm_Ch1

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

Medium: MSL_2450_170910 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.956$ S/m; $\epsilon_r = 54.099$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(4.28, 4.28, 4.28); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.219 W/kg

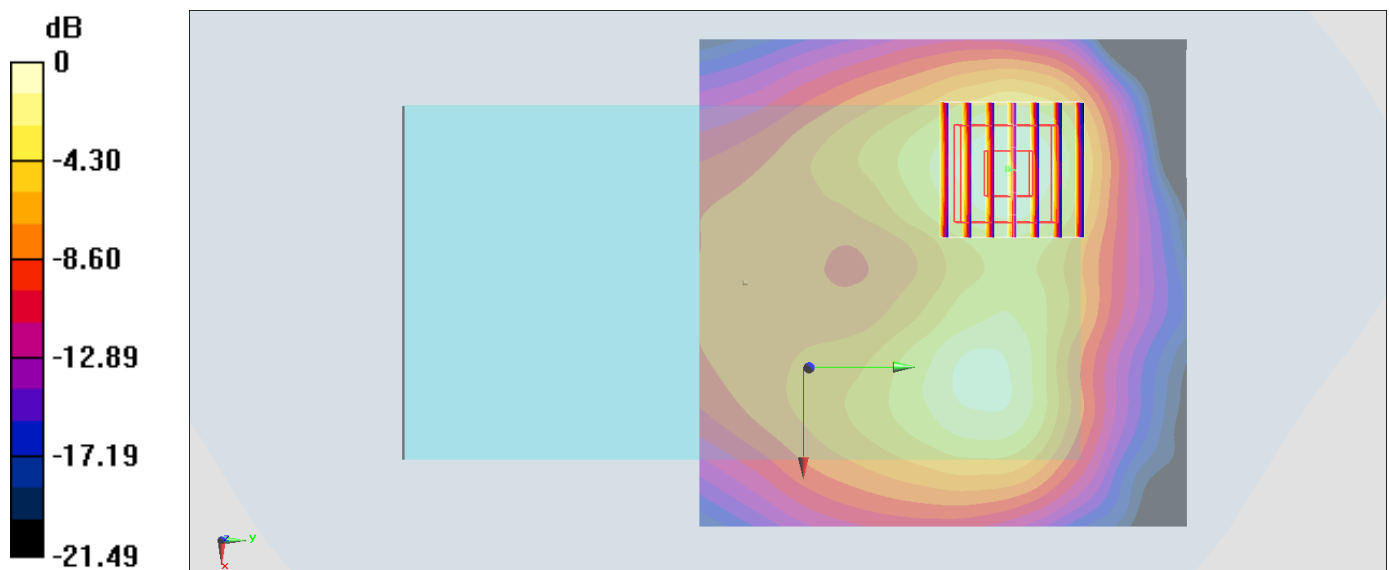
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.440 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.307 W/kg

SAR(1 g) = 0.169 W/kg; SAR(10 g) = 0.089 W/kg

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



#20_WLAN5GHz_802.11a 6Mbps_Back_10mm_Ch36

Communication System: 802.11a ; Frequency: 5180 MHz; Duty Cycle: 1:1.029

Medium: MSL_5G_170916 Medium parameters used: $f = 5180$ MHz; $\sigma = 5.267$ S/m; $\epsilon_r = 47.234$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.57, 4.57, 4.57); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2016/12/15
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.926 W/kg

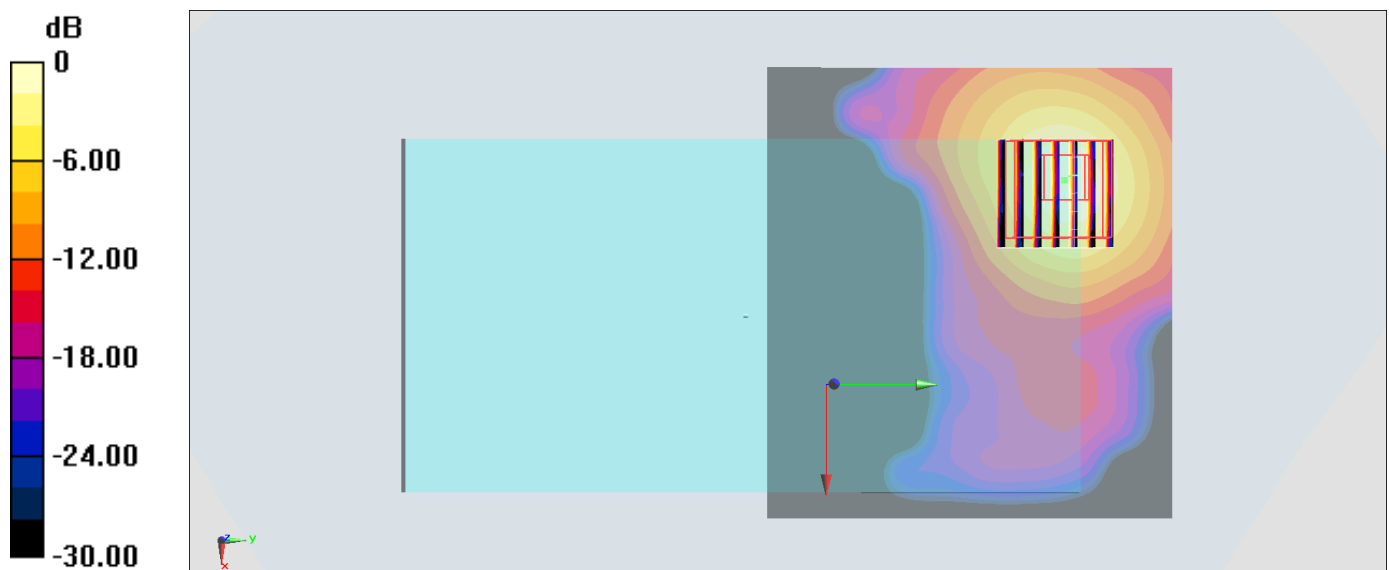
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 14.33 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.403 W/kg; SAR(10 g) = 0.134 W/kg

Maximum value of SAR (measured) = 0.904 W/kg



0 dB = 0.904 W/kg = -0.44 dBW/kg

#21_WLAN5GHz_802.11a 6Mbps_Back_10mm_Ch149

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

Medium: MSL_5G_170917 Medium parameters used: $f = 5745$ MHz; $\sigma = 5.989$ S/m; $\epsilon_r = 46.382$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.01, 4.01, 4.01); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2016/12/15
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.502 W/kg

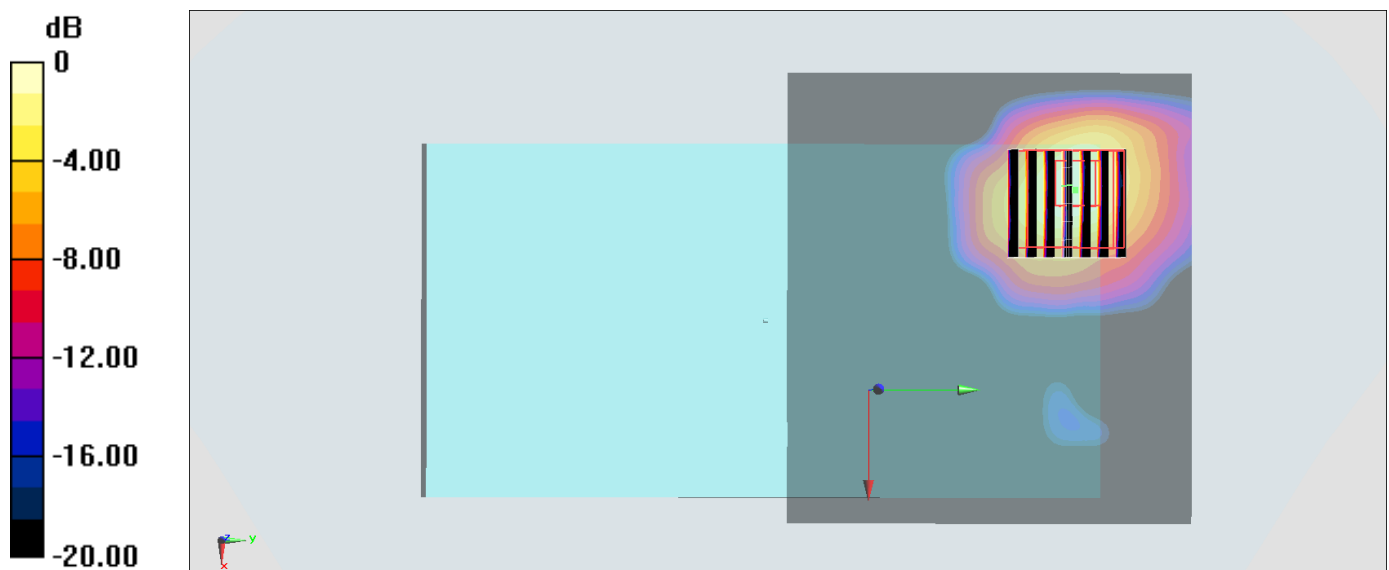
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.973 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.846 W/kg

SAR(1 g) = 0.208 W/kg; SAR(10 g) = 0.062 W/kg

Maximum value of SAR (measured) = 0.507 W/kg



#22_WLAN5GHz_802.11a 6Mbps_Back_0mm_Ch64

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

Medium: MSL_5G_170916 Medium parameters used: $f = 5320$ MHz; $\sigma = 5.436$ S/m; $\epsilon_r = 47.033$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.57, 4.57, 4.57); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2016/12/15
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 12.0 W/kg

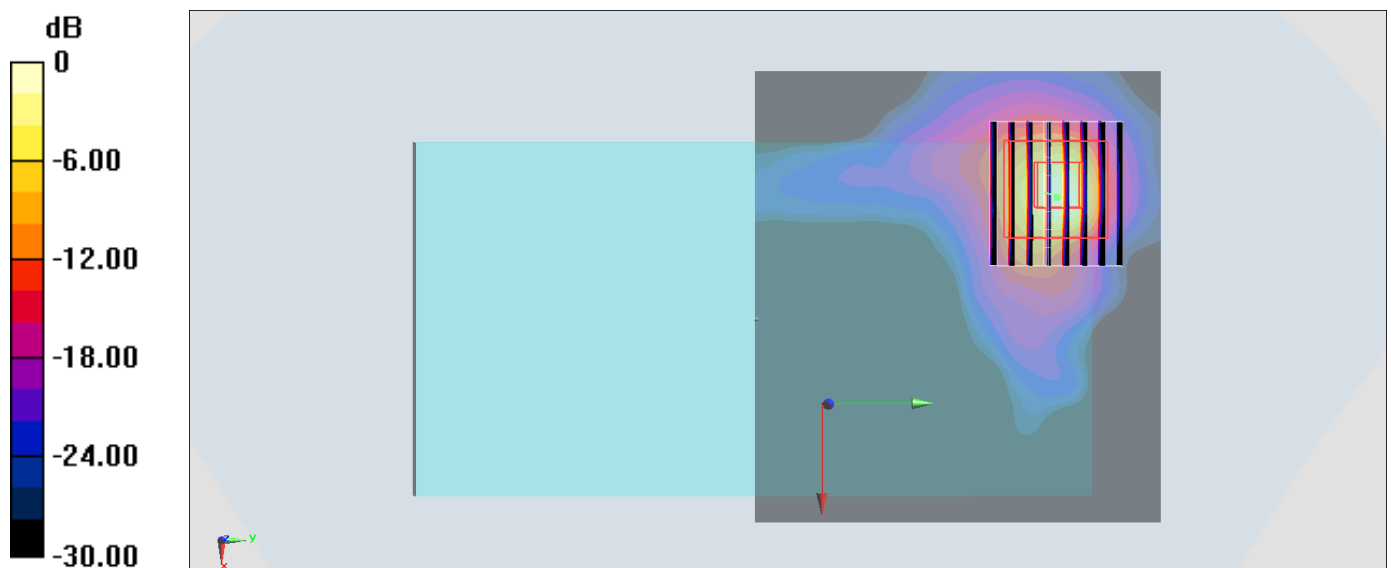
Zoom Scan (9x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 18.92 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 24.6 W/kg

SAR(1 g) = 4.41 W/kg; SAR(10 g) = 0.941 W/kg

Maximum value of SAR (measured) = 11.8 W/kg



0 dB = 11.8 W/kg = 10.72 dBW/kg

#23_WLAN5GHz_802.11a 6Mbps_Back_0mm_Ch132

Communication System: 802.11a ; Frequency: 5660 MHz; Duty Cycle: 1:1.029

Medium: MSL_5G_170916 Medium parameters used: $f = 5660$ MHz; $\sigma = 5.877$ S/m; $\epsilon_r = 46.491$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(3.71, 3.71, 3.71); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2016/12/15
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 8.86 W/kg

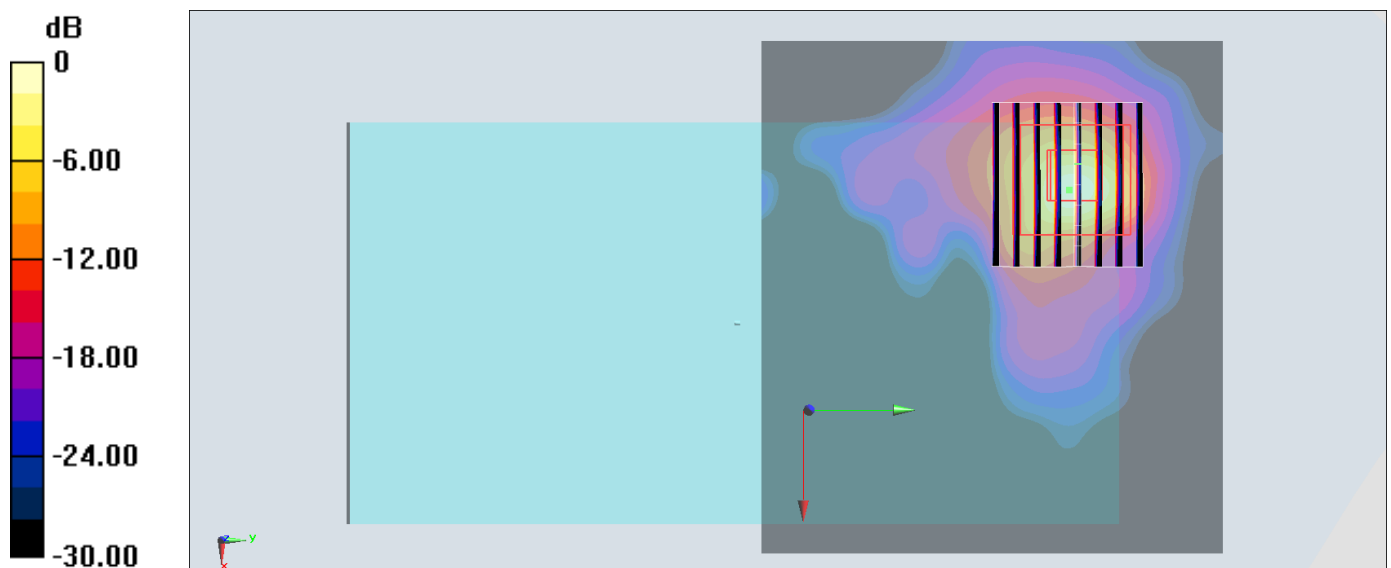
Zoom Scan (9x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 18.97 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 20.4 W/kg

SAR(1 g) = 3.32 W/kg; SAR(10 g) = 0.729 W/kg

Maximum value of SAR (measured) = 10.1 W/kg



0 dB = 10.1 W/kg = 10.04 dBW/kg

#24_GSM850_GPRS (4 Tx slots)_Back_15mm_Ch128

Communication System: GSM850 ; Frequency: 824.2 MHz; Duty Cycle: 1:2.08

Medium: MSL_850_170901 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.942$ S/m; $\epsilon_r = 56.095$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.05, 6.05, 6.05); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.173 W/kg

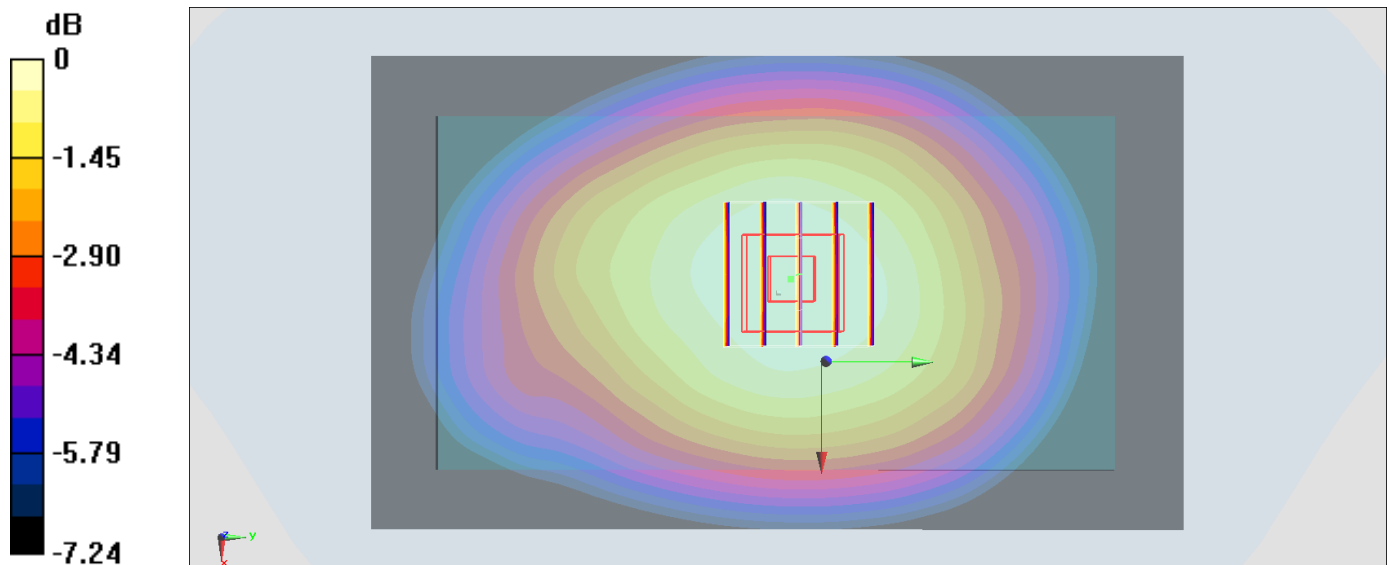
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.00 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.192 W/kg

SAR(1 g) = 0.158 W/kg; SAR(10 g) = 0.124 W/kg

Maximum value of SAR (measured) = 0.173 W/kg



0 dB = 0.173 W/kg = -7.62 dBW/kg

#25_GSM1900_GPRS (4 Tx slots)_Back_15mm_Ch661

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

Medium: MSL_1900_170902 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.536$ S/m; $\epsilon_r = 54.339$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(4.72, 4.72, 4.72); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

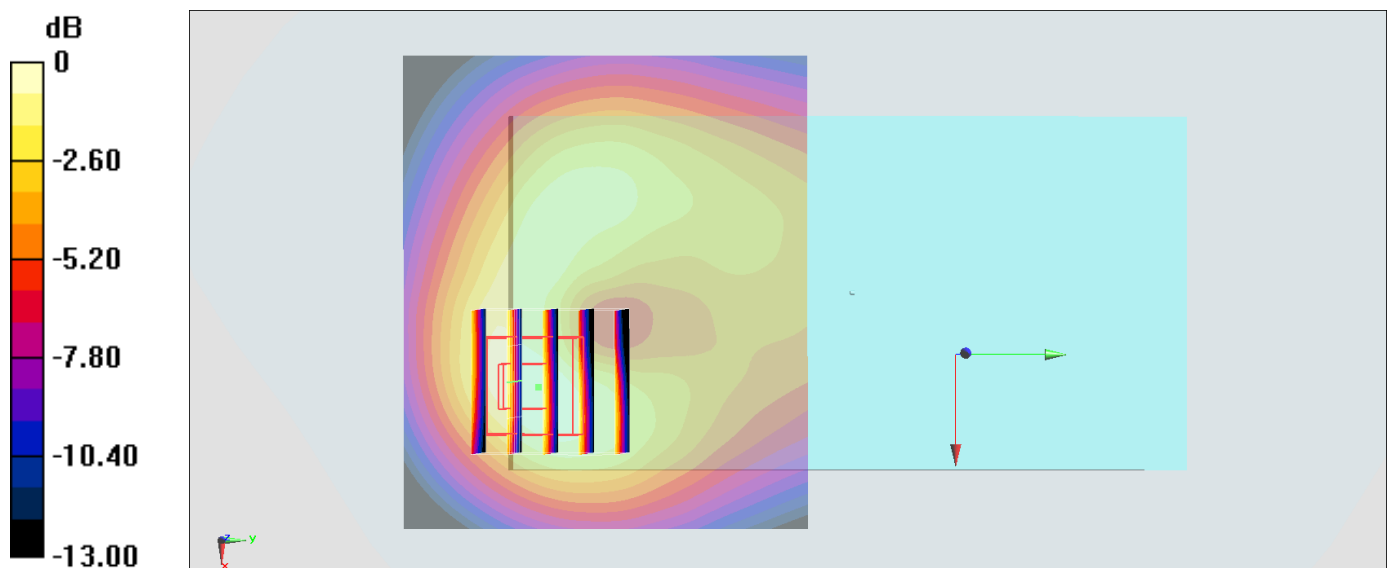
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.755 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.296 W/kg

SAR(1 g) = 0.183 W/kg; SAR(10 g) = 0.108 W/kg

Maximum value of SAR (measured) = 0.215 W/kg



0 dB = 0.215 W/kg = -6.68 dBW/kg

#26_WCDMA II_RMC 12.2Kbps_Back_15mm_Ch9262

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

Medium: MSL_1900_170905 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.52$ S/m; $\epsilon_r = 52.647$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(4.72, 4.72, 4.72); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.374 W/kg

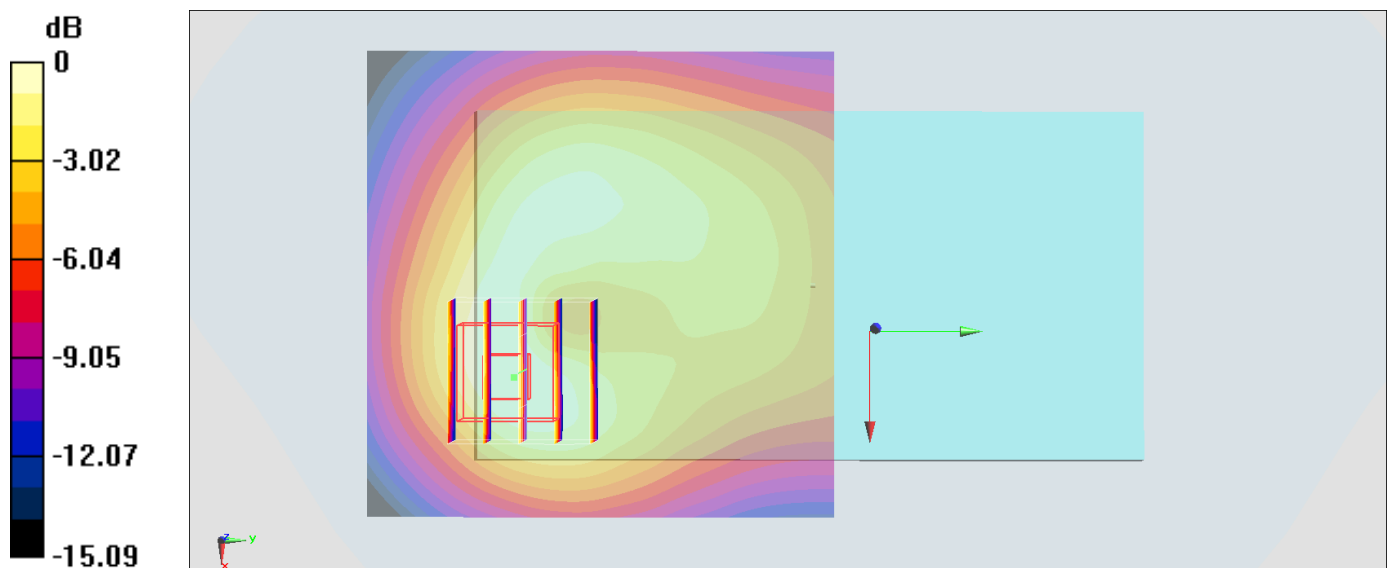
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.83 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.473 W/kg

SAR(1 g) = 0.295 W/kg; SAR(10 g) = 0.175 W/kg

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



0 dB = 0.343 W/kg = -4.65 dBW/kg

#27_WCDMA V_RMC 12.2Kbps_Back_15mm_Ch4233

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

Medium: MSL_850_170901 Medium parameters used: $f = 847$ MHz; $\sigma = 0.963$ S/m; $\epsilon_r = 55.857$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.05, 6.05, 6.05); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.665 W/kg

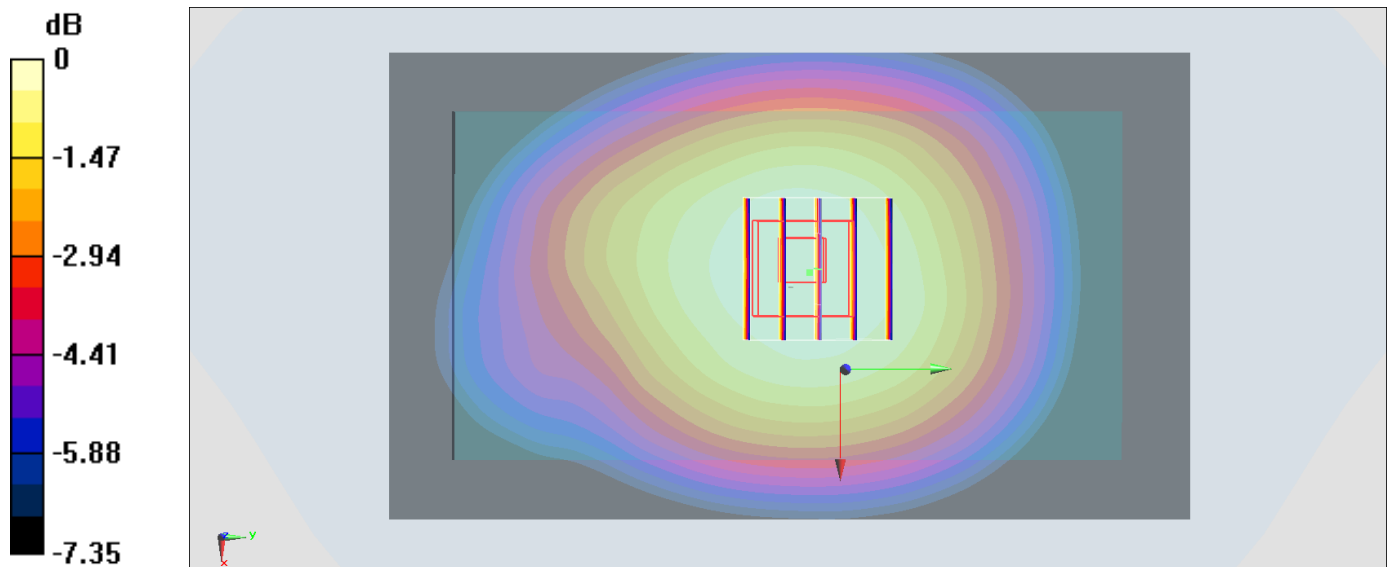
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.17 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.745 W/kg

SAR(1 g) = 0.615 W/kg; SAR(10 g) = 0.479 W/kg

Maximum value of SAR (measured) = 0.667 W/kg



0 dB = 0.667 W/kg = -1.76 dBW/kg

#28_LTE Band 2_20M_QPSK_1_0_Back_15mm_Ch18700

Communication System: LTE ; Frequency: 1860 MHz;Duty Cycle: 1:1

Medium: MSL_1900_170905 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.529$ S/m; $\epsilon_r = 52.632$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(4.72, 4.72, 4.72); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

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

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

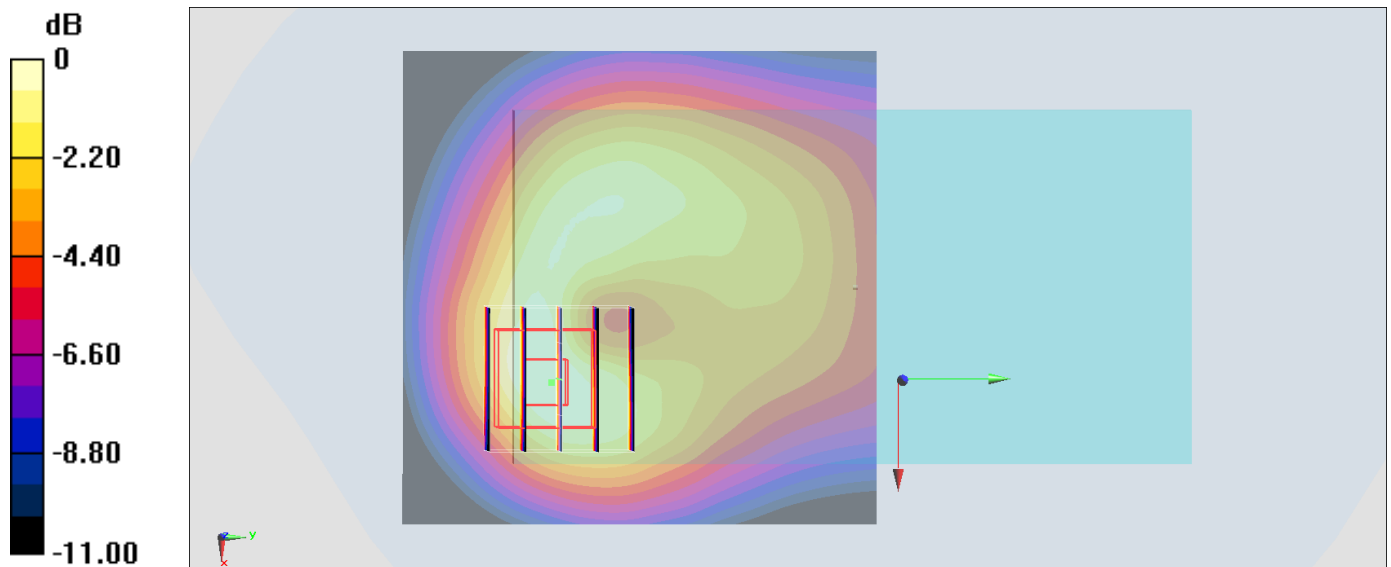
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.34 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.467 W/kg

SAR(1 g) = 0.291 W/kg; SAR(10 g) = 0.172 W/kg

Maximum value of SAR (measured) = 0.342 W/kg



0 dB = 0.342 W/kg = -4.66 dBW/kg

#29_LTE Band 5_10M_QPSK_1_0_Back_15mm_Ch20525

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

Medium: MSL_850_170901 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.953$ S/m; $\epsilon_r = 55.969$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.05, 6.05, 6.05); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.410 W/kg

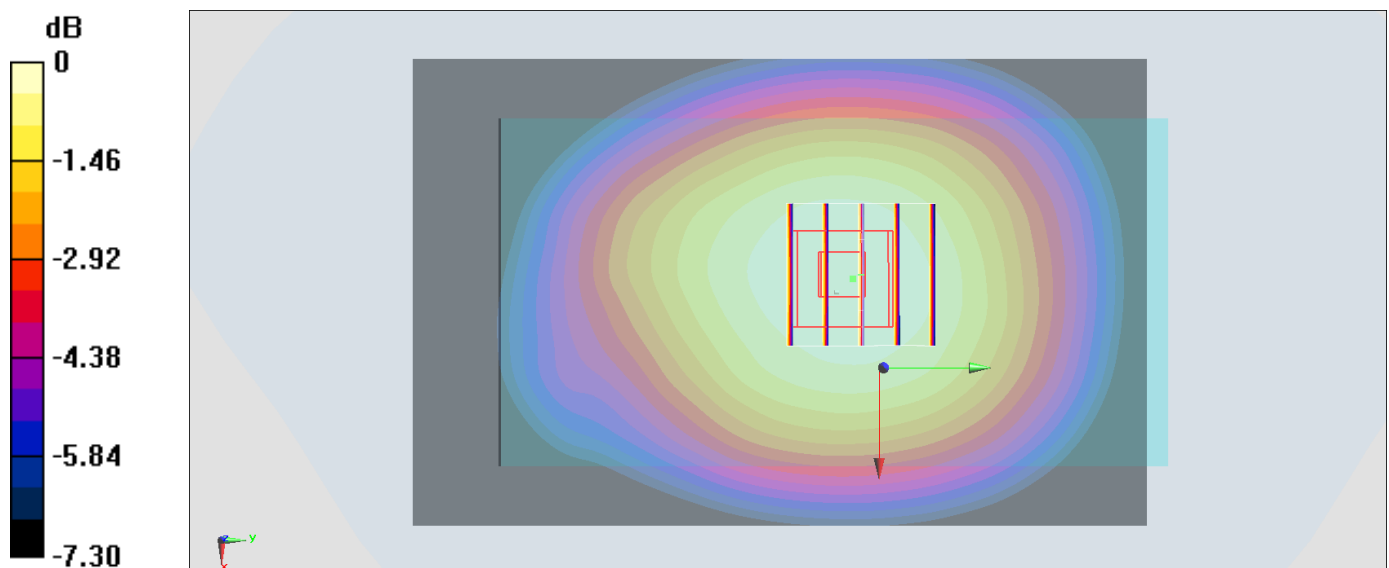
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.60 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.456 W/kg

SAR(1 g) = 0.377 W/kg; SAR(10 g) = 0.294 W/kg

Maximum value of SAR (measured) = 0.409 W/kg



0 dB = 0.409 W/kg = -3.88 dBW/kg

#30_LTE Band 7_20M_QPSK_1_0_Back_15mm_Ch20850

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

Medium: MSL_2600_170906 Medium parameters used: $f = 2510$ MHz; $\sigma = 2.065$ S/m; $\epsilon_r = 53.025$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(4.17, 4.17, 4.17); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Area Scan (81x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.633 W/kg

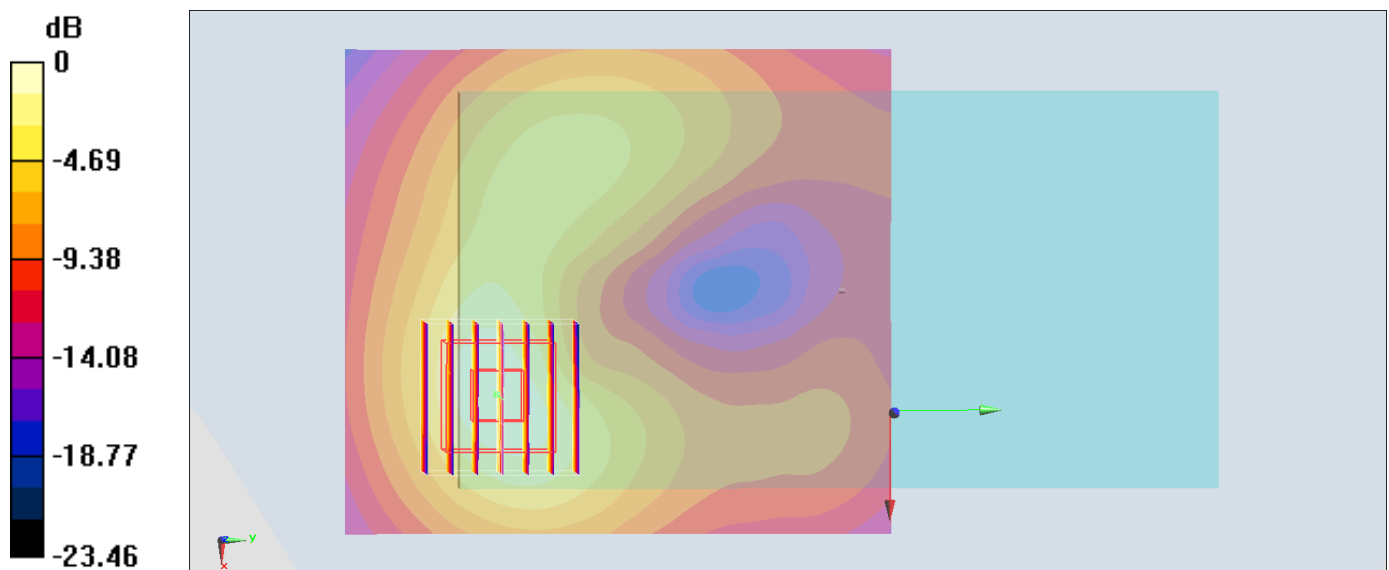
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.02 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.902 W/kg

SAR(1 g) = 0.504 W/kg; SAR(10 g) = 0.259 W/kg

Maximum value of SAR (measured) = 0.638 W/kg



0 dB = 0.638 W/kg = -1.95 dBW/kg

#31_WLAN2.4GHz_802.11b 1Mbps_Front_15mm_Ch1

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

Medium: MSL_2450_170910 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.956$ S/m; $\epsilon_r = 54.099$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(4.28, 4.28, 4.28); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2016/11/17
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.107 W/kg

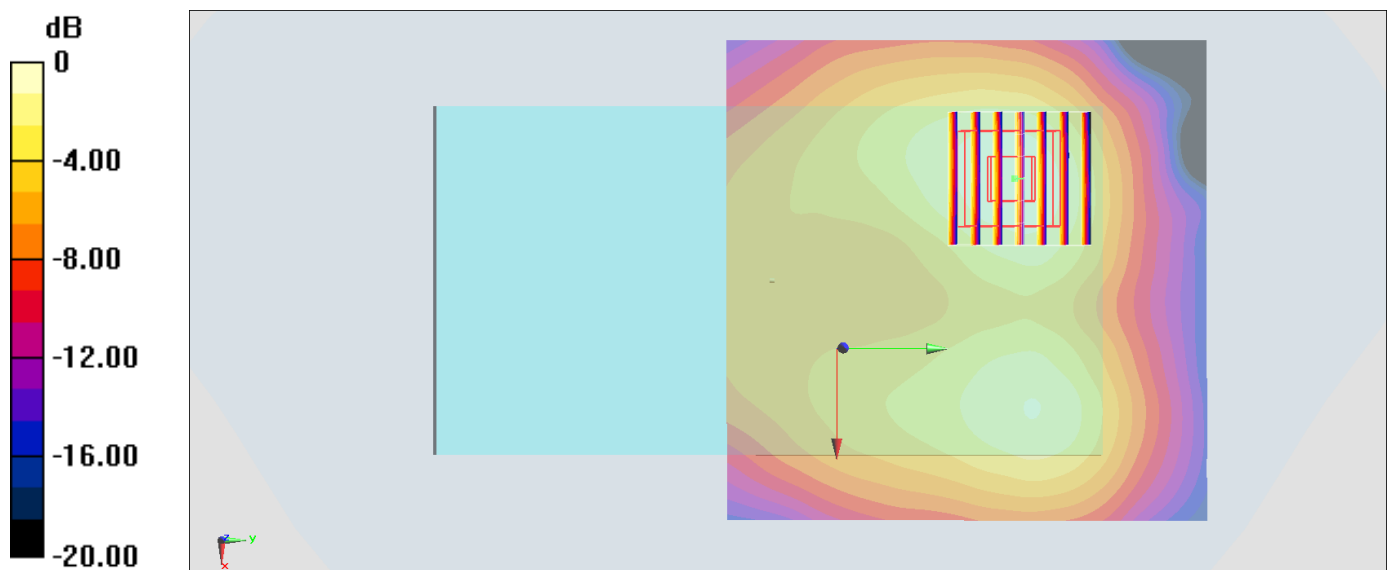
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.957 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.147 W/kg

SAR(1 g) = 0.088 W/kg; SAR(10 g) = 0.050 W/kg

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



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

#32_WLAN5GHz_802.11a 6Mbps_Back_15mm_Ch64

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

Medium: MSL_5G_170916 Medium parameters used: $f = 5320$ MHz; $\sigma = 5.436$ S/m; $\epsilon_r = 47.033$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.57, 4.57, 4.57); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2016/12/15
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.356 W/kg

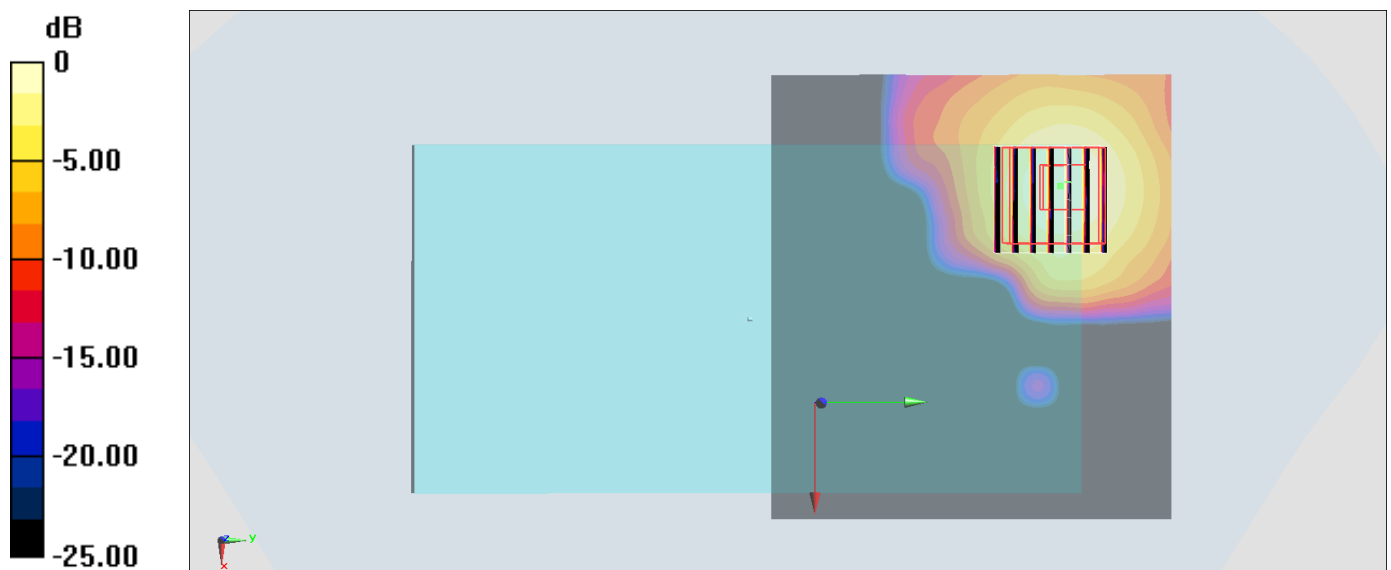
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 9.317 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.548 W/kg

SAR(1 g) = 0.158 W/kg; SAR(10 g) = 0.055 W/kg

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



0 dB = 0.348 W/kg = -4.58 dBW/kg

#33_WLAN5GHz_802.11a 6Mbps_Back_15mm_Ch132

Communication System: 802.11a ; Frequency: 5660 MHz; Duty Cycle: 1:1.029

Medium: MSL_5G_170916 Medium parameters used: $f = 5660$ MHz; $\sigma = 5.877$ S/m; $\epsilon_r = 46.491$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(3.71, 3.71, 3.71); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2016/12/15
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.371 W/kg

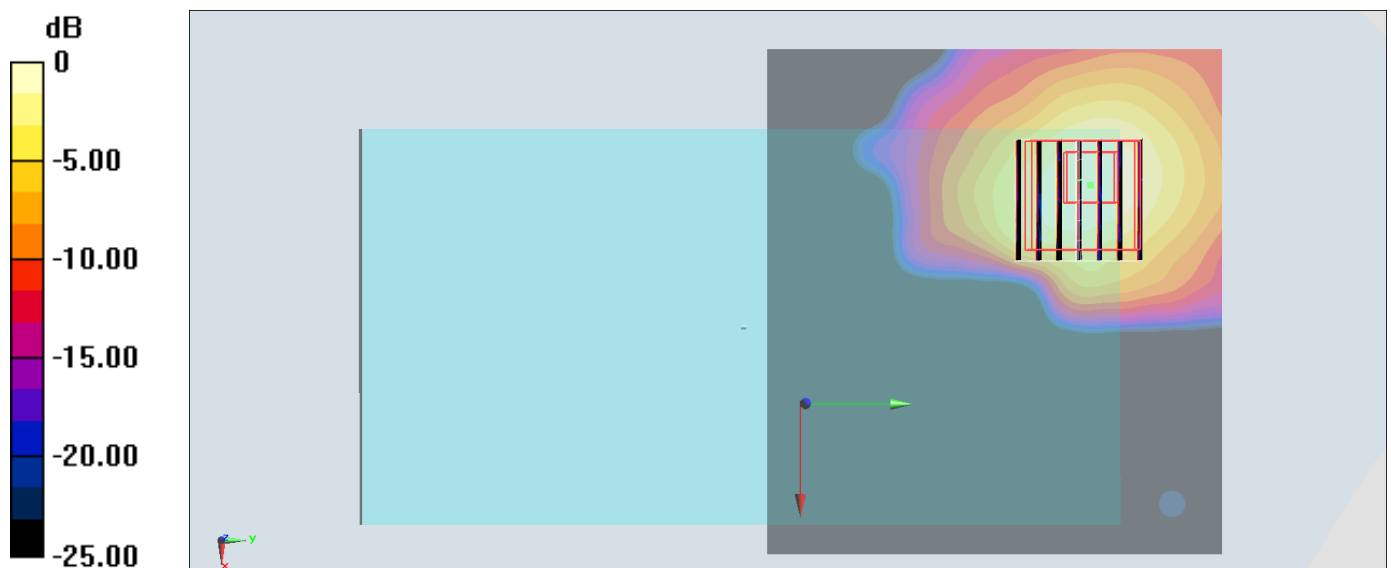
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 9.354 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.570 W/kg

SAR(1 g) = 0.156 W/kg; SAR(10 g) = 0.053 W/kg

Maximum value of SAR (measured) = 0.355 W/kg



0 dB = 0.355 W/kg = -4.50 dBW/kg

#34_WLAN5GHz_802.11a 6Mbps_Back_15mm_Ch149

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

Medium: MSL_5G_170917 Medium parameters used: $f = 5745$ MHz; $\sigma = 5.989$ S/m; $\epsilon_r = 46.382$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.01, 4.01, 4.01); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn916; Calibrated: 2016/12/15
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1446
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.355 W/kg

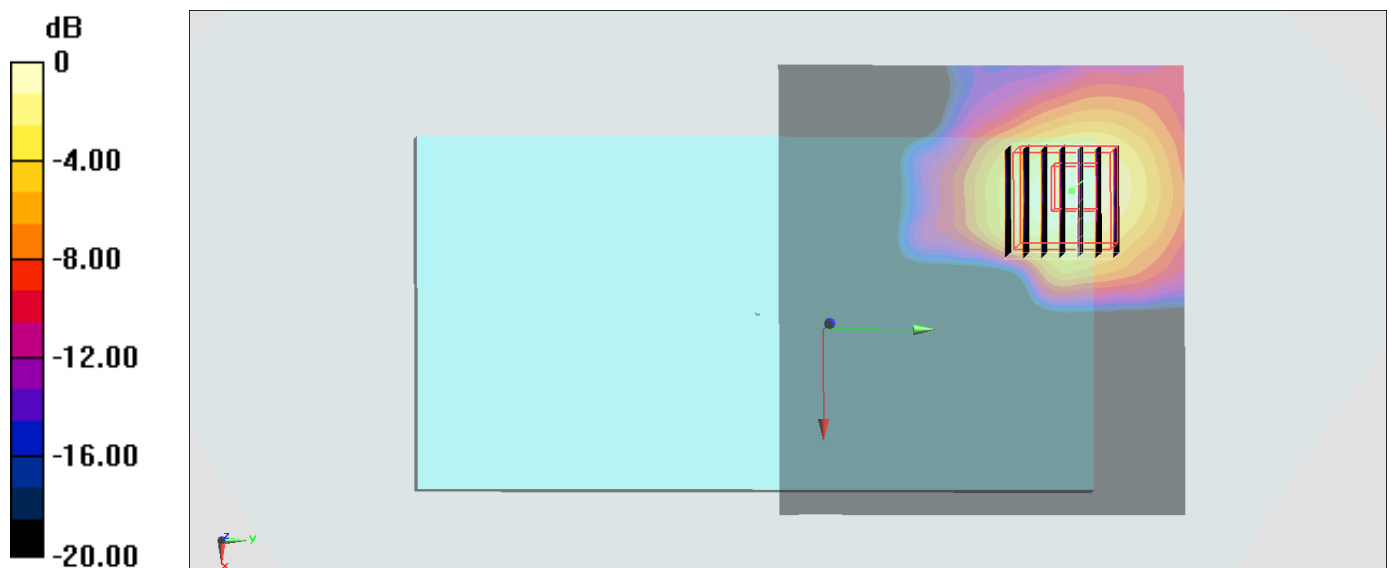
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.928 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.555 W/kg

SAR(1 g) = 0.145 W/kg; SAR(10 g) = 0.049 W/kg

Maximum value of SAR (measured) = 0.354 W/kg



0 dB = 0.354 W/kg = -4.51 dBW/kg