

#01_GSM850_GPRS (4 Tx slots)_Left Cheek_Ch251

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

Medium: HSL_850_150902 Medium parameters used: $f = 849$ MHz; $\sigma = 0.938$ S/m; $\epsilon_r = 43.121$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(10.32, 10.32, 10.32); Calibrated: 2014/9/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2014/10/6
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch251/Area Scan (61x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.334 W/kg

Configuration/Ch251/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 18.78 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.384 W/kg

SAR(1 g) = 0.279 W/kg; SAR(10 g) = 0.216 W/kg

Maximum value of SAR (measured) = 0.338 W/kg



0 dB = 0.334 W/kg = -4.76 dBW/kg

#02_GSM1900_GPRS (2 Tx slots)_Left Cheek_Ch512

Communication System: PCS ; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15

Medium: HSL_1900_150901 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.387$ S/m; $\epsilon_r = 39.354$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(8.17, 8.17, 8.17); Calibrated: 2014/9/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2014/10/6
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch512/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.127 W/kg

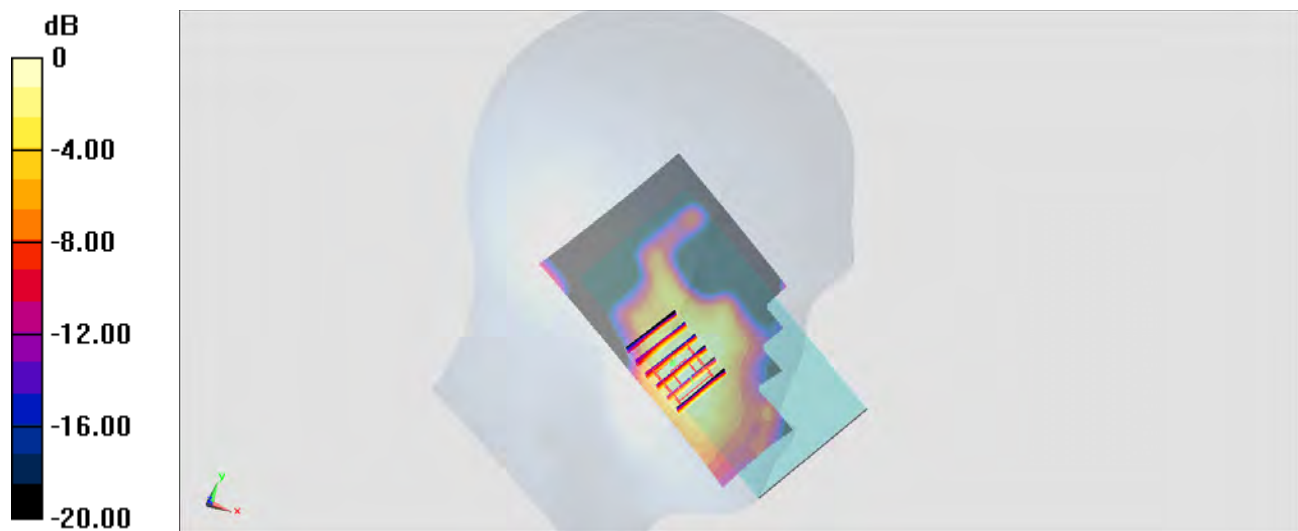
Configuration/Ch512/Zoom Scan (6x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.26 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.187 W/kg

SAR(1 g) = 0.100 W/kg; SAR(10 g) = 0.058 W/kg

Maximum value of SAR (measured) = 0.151 W/kg



0 dB = 0.151 W/kg = -8.21 dBW/kg

#03_WCDMA V_RMC 12.2Kbps_Left Cheek_Ch4132

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

Medium: HSL_850_150902 Medium parameters used : $f = 826.4$ MHz; $\sigma = 0.917$ S/m; $\epsilon_r = 43.398$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(10.32, 10.32, 10.32); Calibrated: 2014/9/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2014/10/6
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch4132/Area Scan (61x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.363 W/kg

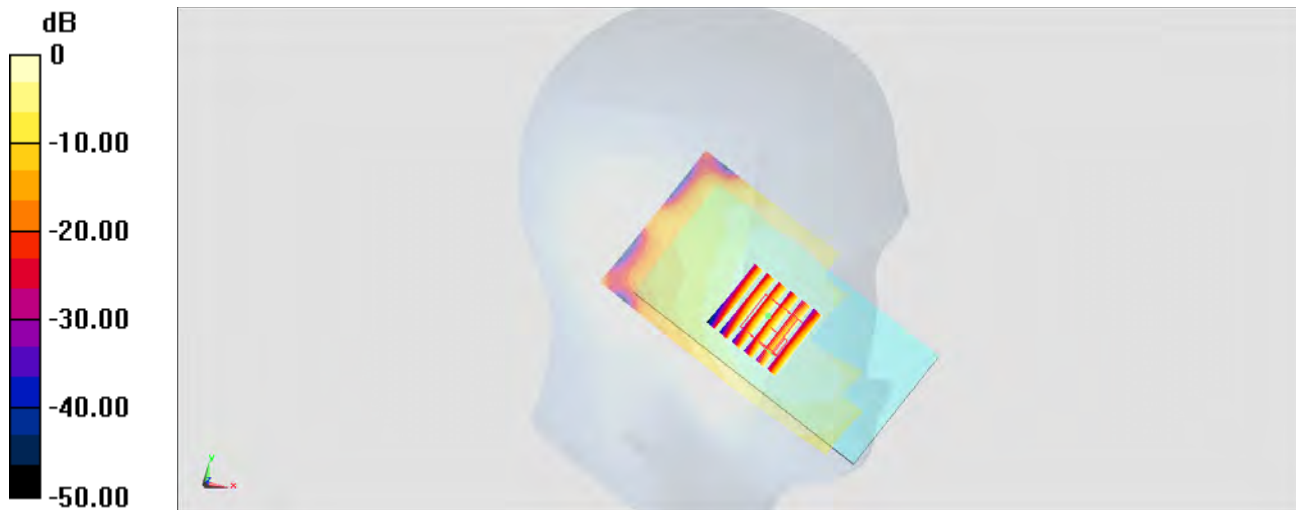
Configuration/Ch4132/Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 20.39 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.395 W/kg

SAR(1 g) = 0.298 W/kg; SAR(10 g) = 0.231 W/kg

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



0 dB = 0.363 W/kg = -4.40 dBW/kg

#04_WCDMA IV_RMC 12.2Kbps_Left Cheek_Ch1413

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: HSL_1750_150902 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.393$ S/m; $\epsilon_r = 39.759$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(8.48, 8.48, 8.48); Calibrated: 2014/9/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2014/10/6
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch1413/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.247 W/kg

Configuration/Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.88 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.261 W/kg

SAR(1 g) = 0.169 W/kg; SAR(10 g) = 0.105 W/kg

Maximum value of SAR (measured) = 0.223 W/kg



0 dB = 0.247 W/kg = -6.07 dBW/kg

#05_WCDMA II_RMC 12.2Kbps_Left Cheek_Ch9538

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

Medium: HSL_1900_150901 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.439$ S/m; $\epsilon_r = 39.075$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(8.17, 8.17, 8.17); Calibrated: 2014/9/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2014/10/6
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch9538/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.232 W/kg

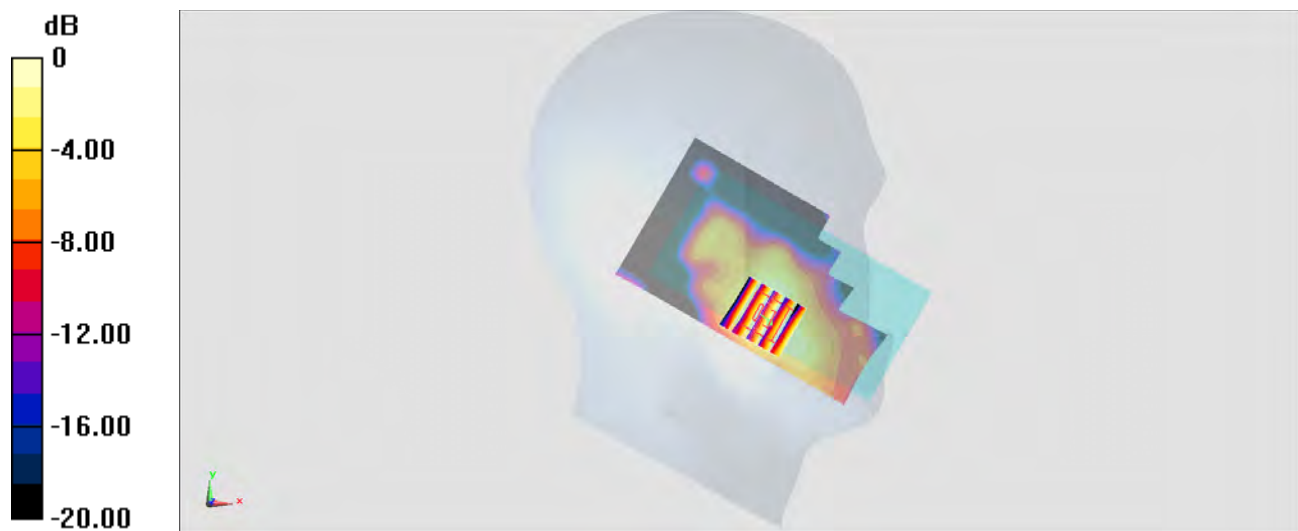
Configuration/Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.54 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.301 W/kg

SAR(1 g) = 0.167 W/kg; SAR(10 g) = 0.100 W/kg

Maximum value of SAR (measured) = 0.248 W/kg



0 dB = 0.248 W/kg = -6.06 dBW/kg

#06_LTE Band 4_20M_QPSK_50_0_Left Cheek_Ch20050

Communication System: LTE; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: HSL_1750_150902 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.383$ S/m; $\epsilon_r = 39.837$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(8.48, 8.48, 8.48); Calibrated: 2014/9/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2014/10/6
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch20050/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

Configuration/Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.11 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.238 W/kg

SAR(1 g) = 0.156 W/kg; SAR(10 g) = 0.097 W/kg

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



0 dB = 0.231 W/kg = -6.36 dBW/kg

#07_LTE Band 2_20M_QPSK_50_0_Left Cheek_Ch18900

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

Medium: HSL_1900_150901 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.414$ S/m; $\epsilon_r = 39.201$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(8.17, 8.17, 8.17); Calibrated: 2014/9/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2014/10/6
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch18900/Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.275 W/kg

Configuration/Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.40 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.300 W/kg

SAR(1 g) = 0.185 W/kg; SAR(10 g) = 0.109 W/kg

Maximum value of SAR (measured) = 0.254 W/kg



0 dB = 0.275 W/kg = -5.61 dBW/kg

#08_LTE Band 7_20M_QPSK_1RB_0offset_Left Cheek_Ch21100

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

Medium: HSL_2600_150911 Medium parameters used: $f = 2535$ MHz; $\sigma = 1.934$ S/m; $\epsilon_r = 38.863$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(7.09, 7.09, 7.09); Calibrated: 2014/9/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2014/10/6
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch21100/Area Scan (91x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

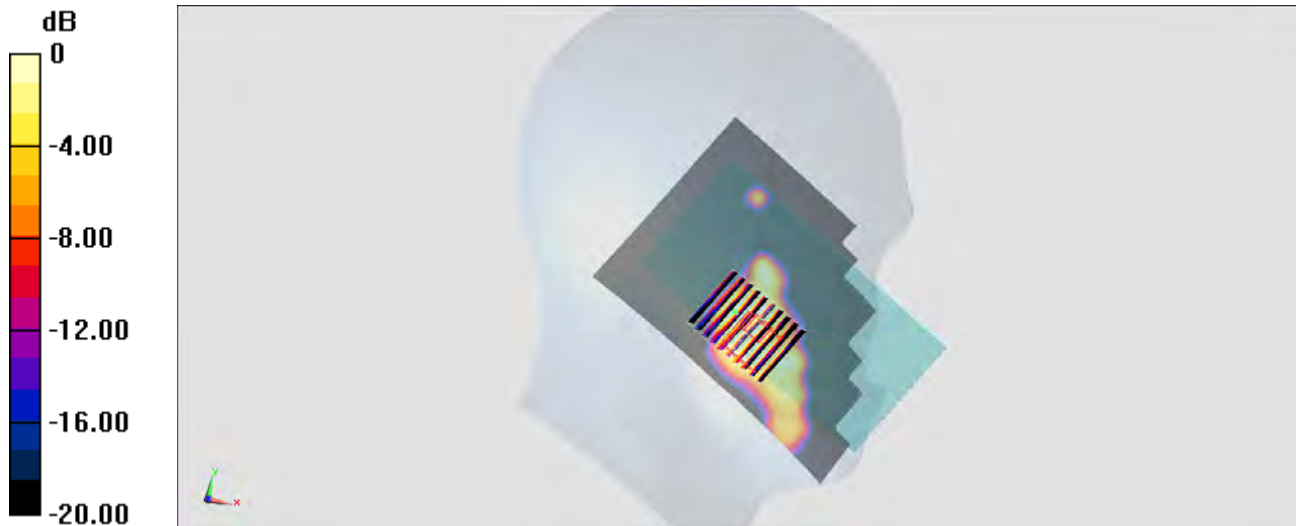
Configuration/Ch21100/Zoom Scan (10x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.098 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.215 W/kg

SAR(1 g) = 0.110 W/kg; SAR(10 g) = 0.049 W/kg

Maximum value of SAR (measured) = 0.185 W/kg



0 dB = 0.185 W/kg = -7.33 dBW/kg

#09_WLAN2.4GHz_802.11b 1Mbps_Right Cheek_Ch11

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1.009

Medium: HSL_2450_150801 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.86$ S/m; $\epsilon_r = 40.223$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3954; ConvF(7.25, 7.25, 7.25); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch11/Area Scan (81x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.828 W/kg

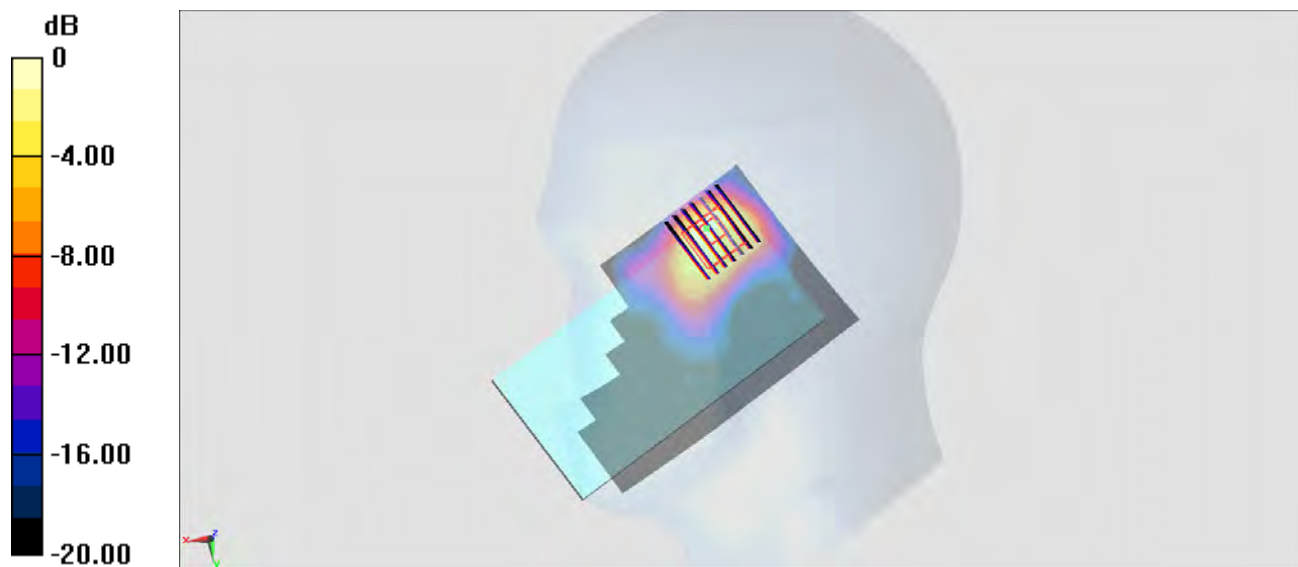
Configuration/Ch11/Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.72 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.488 W/kg; SAR(10 g) = 0.206 W/kg

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



0 dB = 0.828 W/kg = -0.82 dBW/kg

#10_WLAN5GHz_802.11ac-VHT80 MCS0_Right Cheek_Ch58

Communication System: 802.11ac; Frequency: 5290 MHz; Duty Cycle: 1:1.07

Medium: HSL5G_150807 Medium parameters used: $f = 5290$ MHz; $\sigma = 4.635$ S/m; $\epsilon_r = 36.05$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3925; ConvF(5.14, 5.14, 5.14); Calibrated: 2015/5/27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2015/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch58/Area Scan (101x181x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 0.252 W/kg

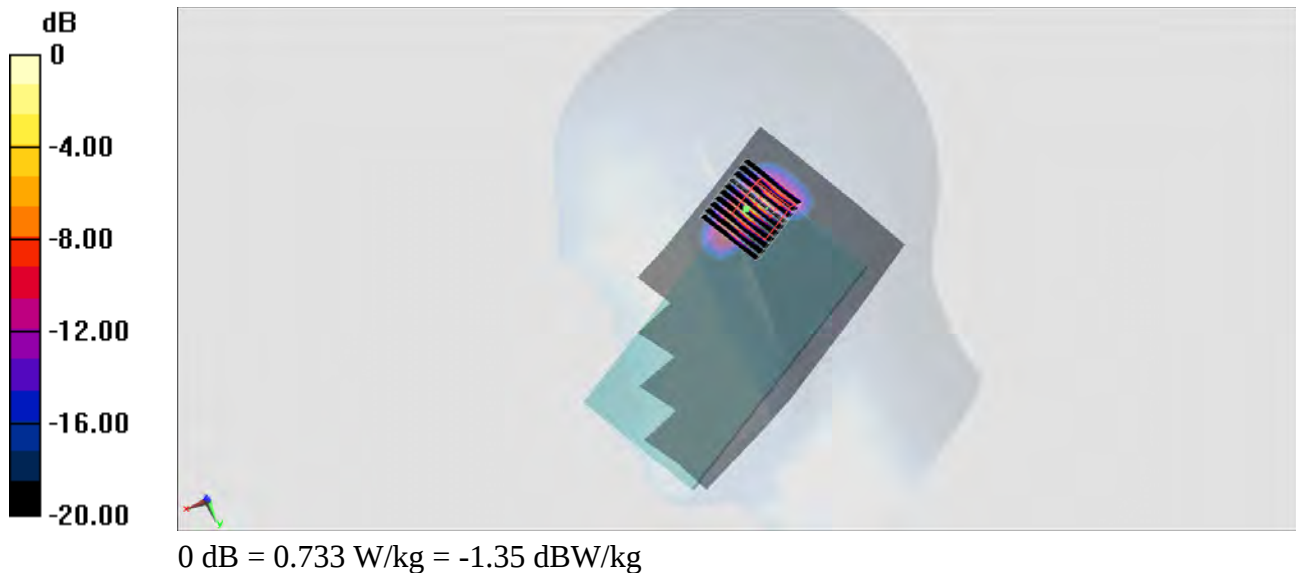
Configuration/Ch58/Zoom Scan (10x10x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 7.871 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.26 W/kg

SAR(1 g) = 0.285 W/kg; SAR(10 g) = 0.069 W/kg

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



#11_WLAN5GHz_802.11ac-VHT80 MCS0_Right Cheek_Ch106

Communication System: 802.11ac; Frequency: 5530 MHz; Duty Cycle: 1:1.07

Medium: HSL5G_150807 Medium parameters used: $f = 5530$ MHz; $\sigma = 4.866$ S/m; $\epsilon_r = 35.72$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3954; ConvF(4.6, 4.6, 4.6); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch106/Area Scan (101x181x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 0.339 W/kg

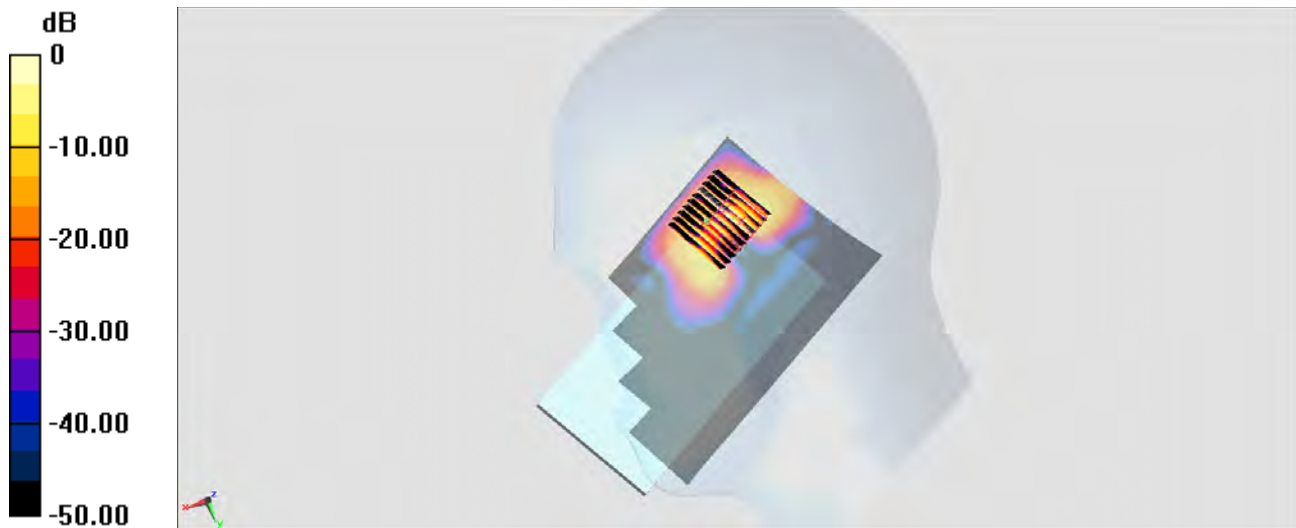
Configuration/Ch106/Zoom Scan (10x10x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 8.040 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.318 W/kg; SAR(10 g) = 0.079 W/kg

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



0 dB = 0.786 W/kg = -1.05 dBW/kg

#12_WLAN5GHz_802.11ac-VHT80 MCS0_Right Cheek_Ch155

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.07

Medium: HSL5G_150808 Medium parameters used : $f = 5775$ MHz; $\sigma = 5.076$ S/m; $\epsilon_r = 36.722$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(4.63, 4.63, 4.63); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch155/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.990 W/kg

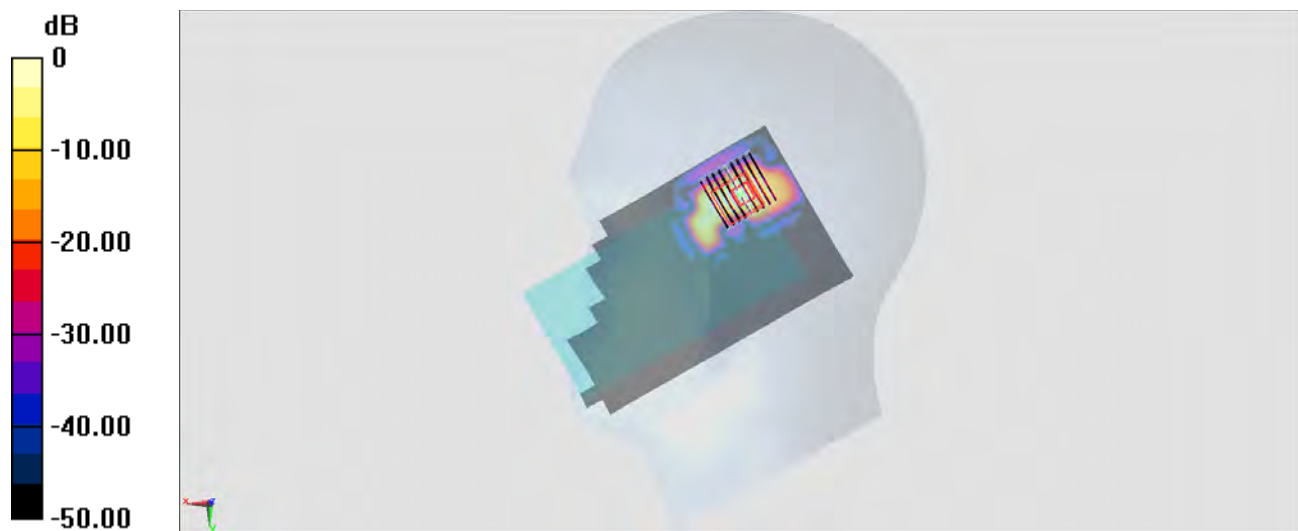
Configuration/Ch155/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 13.93 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 0.307 W/kg; SAR(10 g) = 0.076 W/kg

Maximum value of SAR (measured) = 0.855 W/kg



0 dB = 0.855 W/kg = -0.68 dBW/kg

#13_GSM850_GPRS (4 Tx slots)_Back_10mm_Ch251

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

Medium: MSL_850_150831 Medium parameters used: $f = 849$ MHz; $\sigma = 1$ S/m; $\epsilon_r = 54.607$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(10.13, 10.13, 10.13); Calibrated: 2014/9/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2014/10/6
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch251/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.434 W/kg

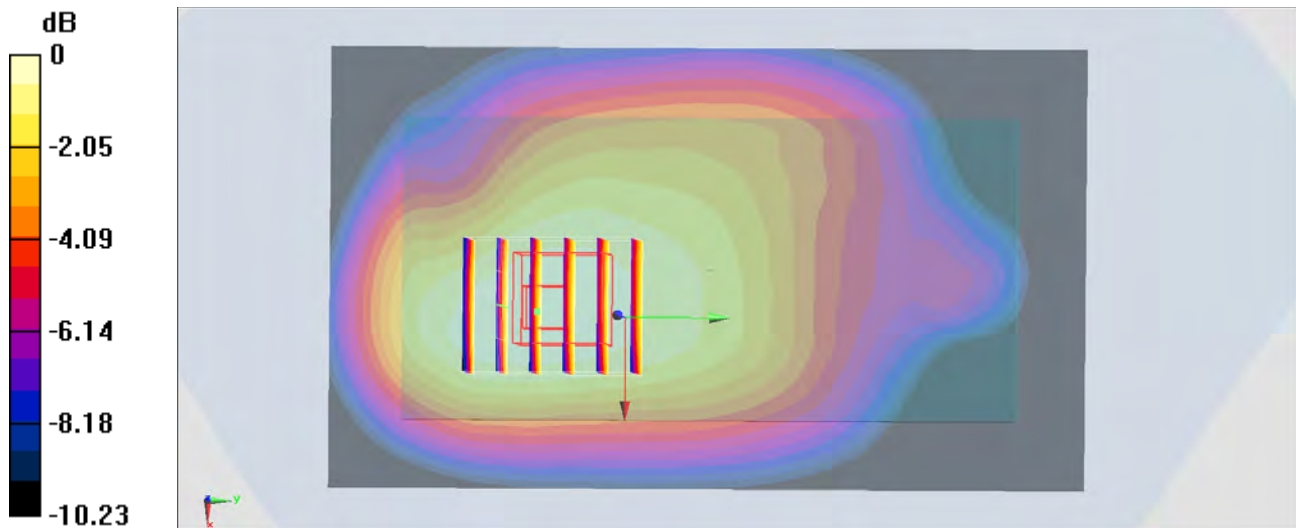
Configuration/Ch251/Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.74 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.477 W/kg

SAR(1 g) = 0.351 W/kg; SAR(10 g) = 0.261 W/kg

Maximum value of SAR (measured) = 0.428 W/kg



0 dB = 0.428 W/kg = -3.69 dBW/kg

#14_GSM1900_GPRS (2 Tx slots)_Bottom Side_10mm_Ch512

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15

Medium: MSL_1900_150830 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.505$ S/m; $\epsilon_r = 54.758$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(7.8, 7.8, 7.8); Calibrated: 2014/9/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2014/10/6
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

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

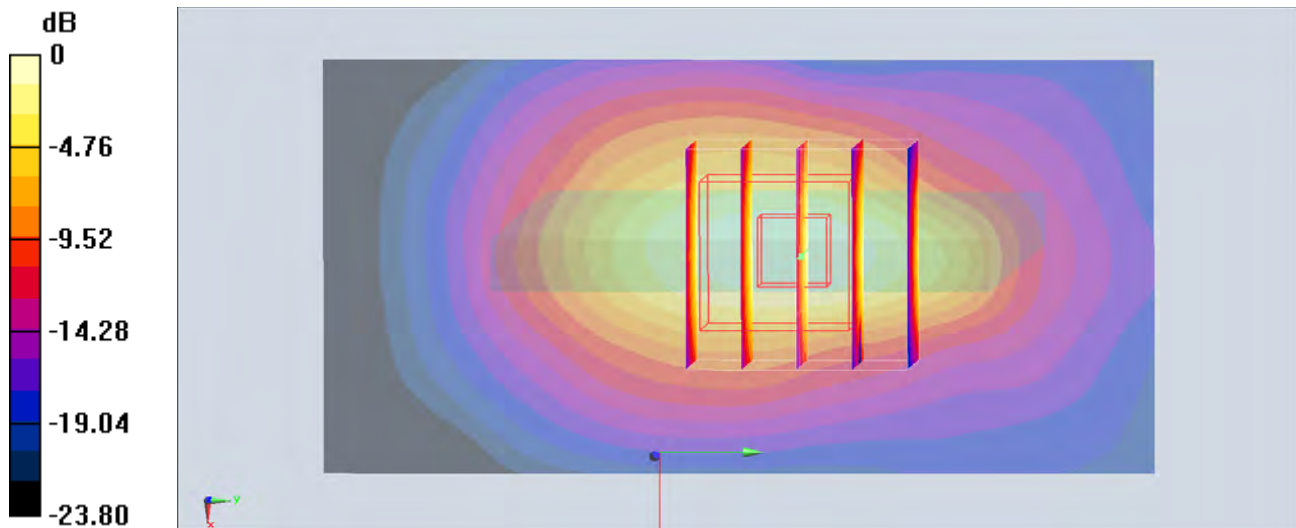
Configuration/Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 20.66 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.705 W/kg

SAR(1 g) = 0.392 W/kg; SAR(10 g) = 0.203 W/kg

Maximum value of SAR (measured) = 0.597 W/kg



0 dB = 0.597 W/kg = -2.24 dBW/kg

#15_WCDMA V_RMC 12.2Kbps_Back_10mm_Ch4132

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

Medium: MSL_850_150831 Medium parameters used : $f = 826.4$ MHz; $\sigma = 0.979$ S/m; $\epsilon_r = 54.773$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(10.13, 10.13, 10.13); Calibrated: 2014/9/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2014/10/6
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch4132/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.435 W/kg

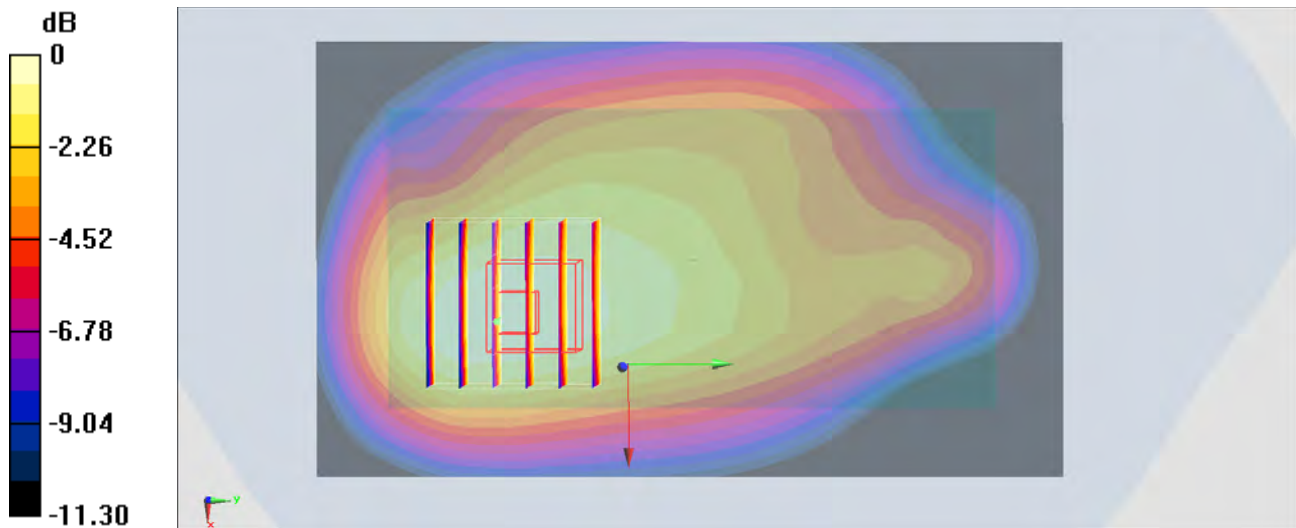
Configuration/Ch4132/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.67 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.479 W/kg

SAR(1 g) = 0.365 W/kg; SAR(10 g) = 0.275 W/kg

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



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

#16_WCDMA IV_RMC 12.2Kbps_Bottom Side_10mm_Ch1312

Communication System: WCDMA; Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: MSL_1750_150830 Medium parameters used: $f = 1712.4$ MHz; $\sigma = 1.413$ S/m; $\epsilon_r = 54.825$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(8.26, 8.26, 8.26); Calibrated: 2014/9/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2014/10/6
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch1312/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.469 W/kg

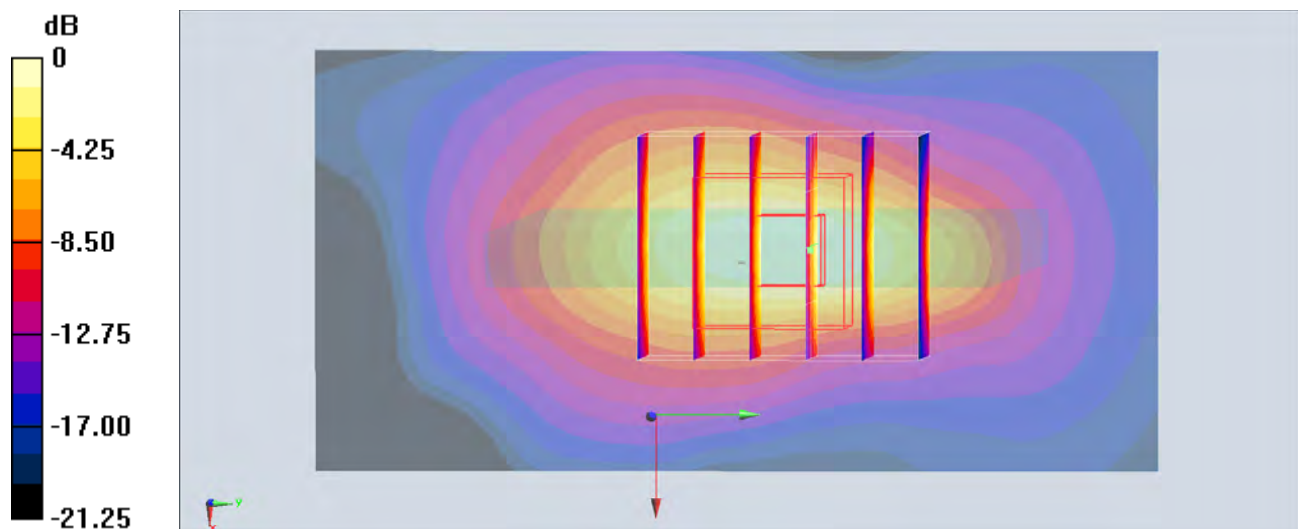
Configuration/Ch1312/Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.94 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.553 W/kg

SAR(1 g) = 0.305 W/kg; SAR(10 g) = 0.157 W/kg

Maximum value of SAR (measured) = 0.455 W/kg



#17_WCDMA II_RMC 12.2Kbps_Bottom Side_10mm_Ch9262

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

Medium: MSL_1900_150830 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.508$ S/m; $\epsilon_r = 54.751$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(7.8, 7.8, 7.8); Calibrated: 2014/9/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2014/10/6
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch9262/Area Scan (41x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.474 W/kg

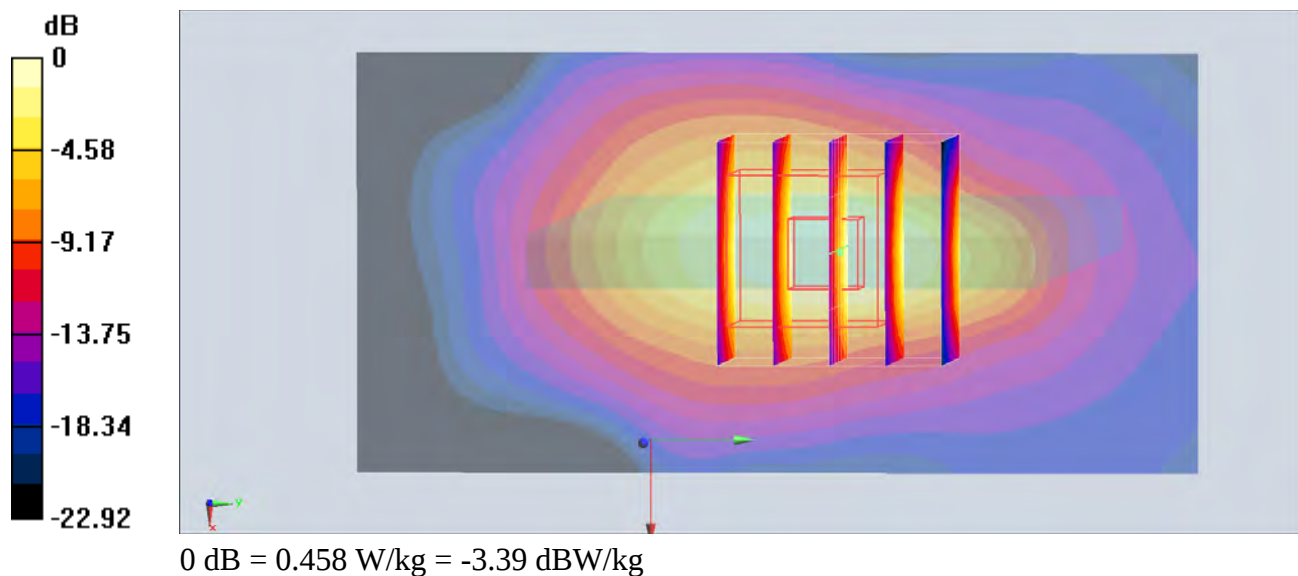
Configuration/Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.17 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.549 W/kg

SAR(1 g) = 0.300 W/kg; SAR(10 g) = 0.155 W/kg

Maximum value of SAR (measured) = 0.458 W/kg



#18_LTE Band 4_20M_QPSK_50_0_Bottom Side_10mm_Ch20300

Communication System: LTE; Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: MSL_1750_150831 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.477$ S/m; $\epsilon_r = 53.196$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(8.26, 8.26, 8.26); Calibrated: 2014/9/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2014/10/6
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch20300/Area Scan (41x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.484 W/kg

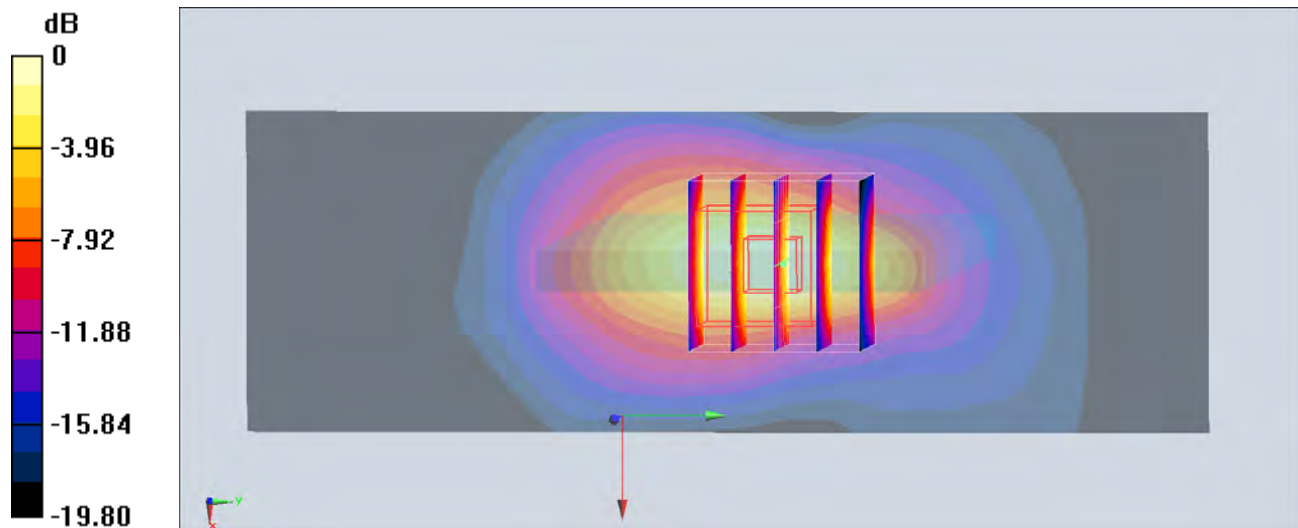
Configuration/Ch20300/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.68 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.557 W/kg

SAR(1 g) = 0.306 W/kg; SAR(10 g) = 0.157 W/kg

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



0 dB = 0.465 W/kg = -3.33 dBW/kg

#19_LTE Band 2_20M_QPSK_50_0_Bottom Side_10mm_Ch19100

Communication System: LTE; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: MSL_1900_150830 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.558$ S/m; $\epsilon_r = 54.574$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(7.8, 7.8, 7.8); Calibrated: 2014/9/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2014/10/6
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch19100/Area Scan (41x81x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.582 W/kg

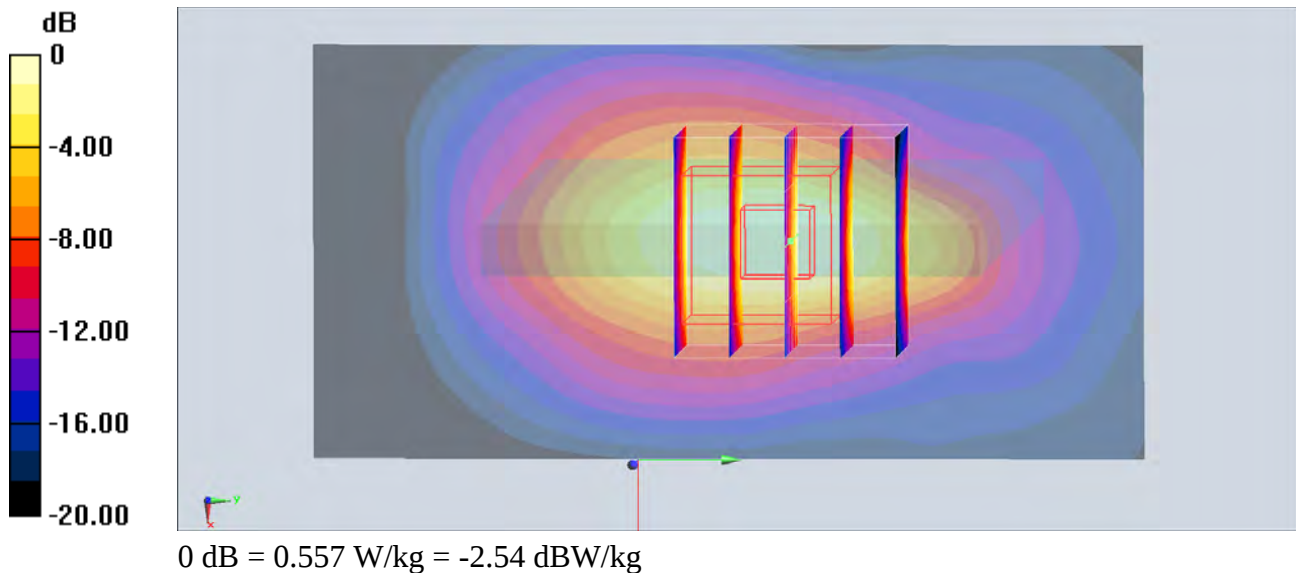
Configuration/Ch19100/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 19.76 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.666 W/kg

SAR(1 g) = 0.365 W/kg; SAR(10 g) = 0.187 W/kg

Maximum value of SAR (measured) = 0.557 W/kg



#20_LTE Band 7_20M_QPSK_1RB_0offset_Bottom Side_10mm_Ch21100

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

Medium: MSL_2600_150912 Medium parameters used: $f = 2535$ MHz; $\sigma = 2.1$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.2, 7.2, 7.2); Calibrated: 2014/9/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2014/10/6
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Ch21100/Area Scan (51x91x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.601 mW/g

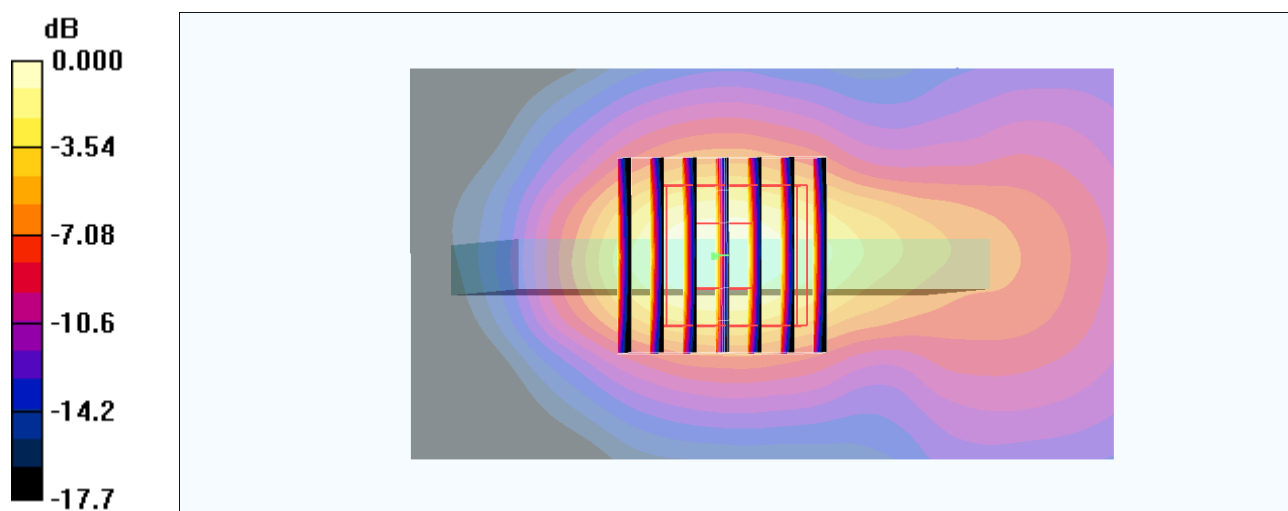
Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.8 V/m; Power Drift = 0.066 dB

Peak SAR (extrapolated) = 0.735 W/kg

SAR(1 g) = 0.351 mW/g; SAR(10 g) = 0.167 mW/g

Maximum value of SAR (measured) = 0.587 mW/g



0 dB = 0.587mW/g

#21_WLAN2.4GHz_802.11b 1Mbps_Back_10mm_Ch1

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1.009

Medium: MSL_2450_150731 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.937$ S/m; $\epsilon_r = 52.185$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3954; ConvF(7.33, 7.33, 7.33); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch1/Area Scan (81x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.119 W/kg

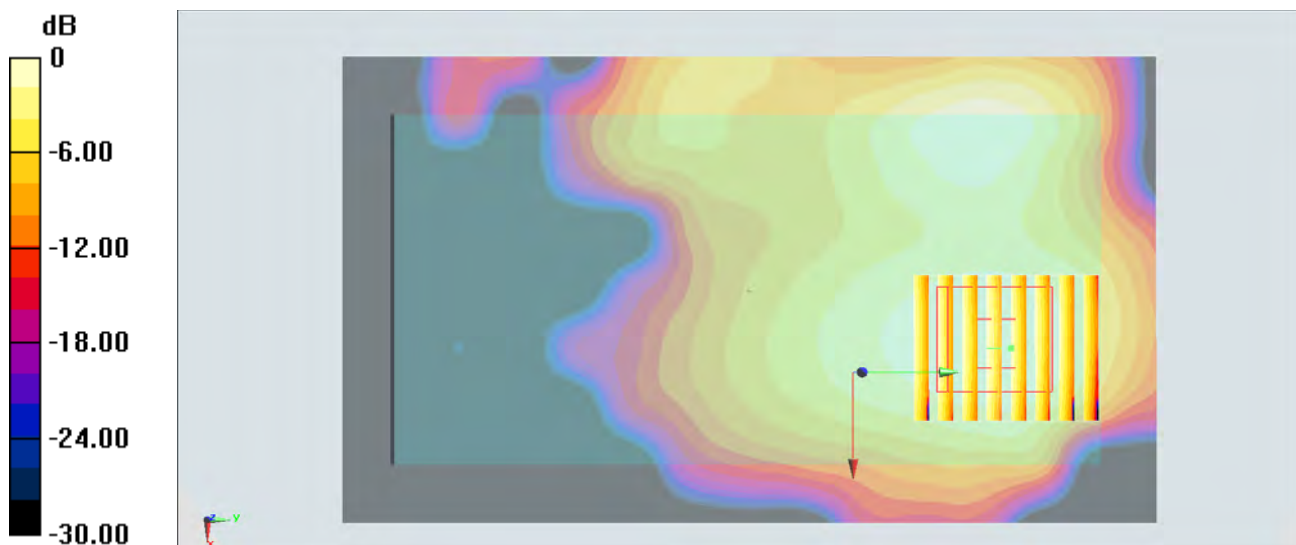
Configuration/Ch1/Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.129 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.144 W/kg

SAR(1 g) = 0.081 W/kg; SAR(10 g) = 0.046 W/kg

Maximum value of SAR (measured) = 0.119 W/kg



0 dB = 0.119 W/kg = -9.24 dBW/kg

#22_GSM850_GPRS (4 Tx slots)_Back_15mm_Ch251

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

Medium: MSL_850_150831 Medium parameters used: $f = 849$ MHz; $\sigma = 1$ S/m; $\epsilon_r = 54.607$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(10.13, 10.13, 10.13); Calibrated: 2014/9/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2014/10/6
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch251/Area Scan (71x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.298 W/kg

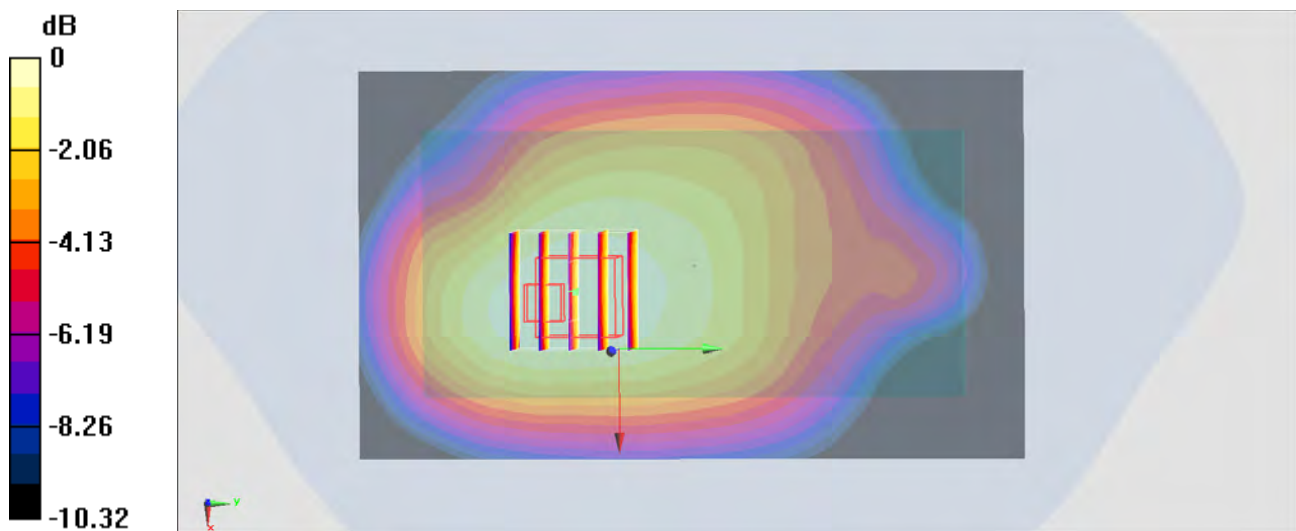
Configuration/Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 18.13 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.388 W/kg

SAR(1 g) = 0.259 W/kg; SAR(10 g) = 0.189 W/kg

Maximum value of SAR (measured) = 0.302 W/kg



0 dB = 0.302 W/kg = -5.20 dBW/kg

#23_GSM1900_GPRS (2 Tx slots)_Back_15mm_Ch512

Communication System: PCS; Frequency: 1850.2 MHz; Duty Cycle: 1:4.15

Medium: MSL_1900_150830 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.505$ S/m; $\epsilon_r = 54.758$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(7.8, 7.8, 7.8); Calibrated: 2014/9/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2014/10/6
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

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

Maximum value of SAR (interpolated) = 0.165 W/kg

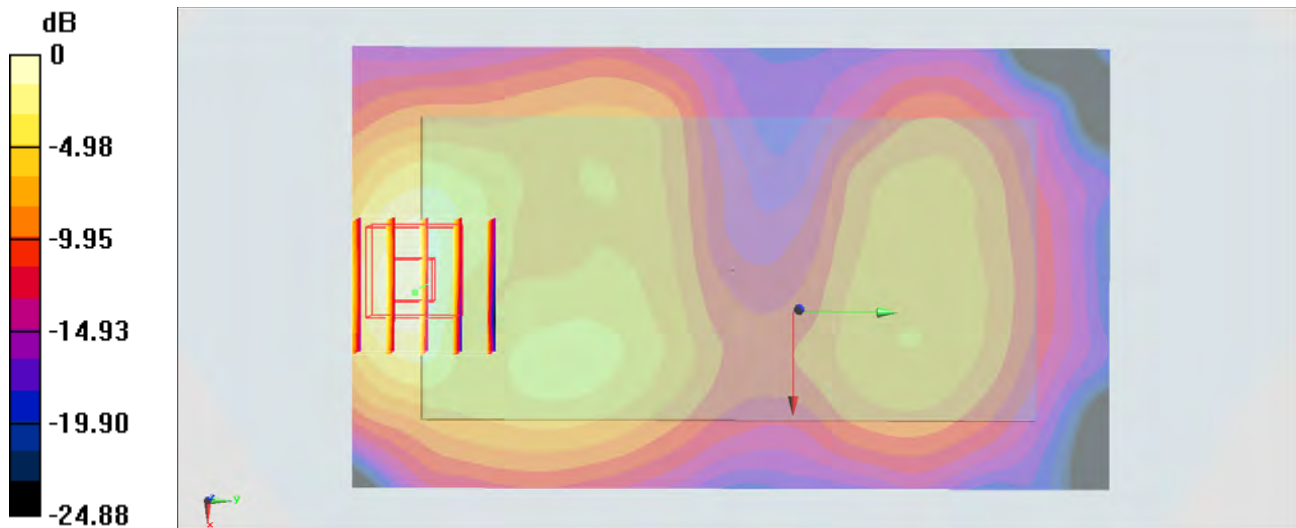
Configuration/Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.95 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.194 W/kg

SAR(1 g) = 0.113 W/kg; SAR(10 g) = 0.062 W/kg

Maximum value of SAR (measured) = 0.165 W/kg



0 dB = 0.165 W/kg = -7.83 dBW/kg

#24_WCDMA V_RMC 12.2Kbps_Back_15mm_Ch4132

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

Medium: MSL_850_150831 Medium parameters used : $f = 826.4$ MHz; $\sigma = 0.979$ S/m; $\epsilon_r = 54.773$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(10.13, 10.13, 10.13); Calibrated: 2014/9/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2014/10/6
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch4132/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.277 W/kg

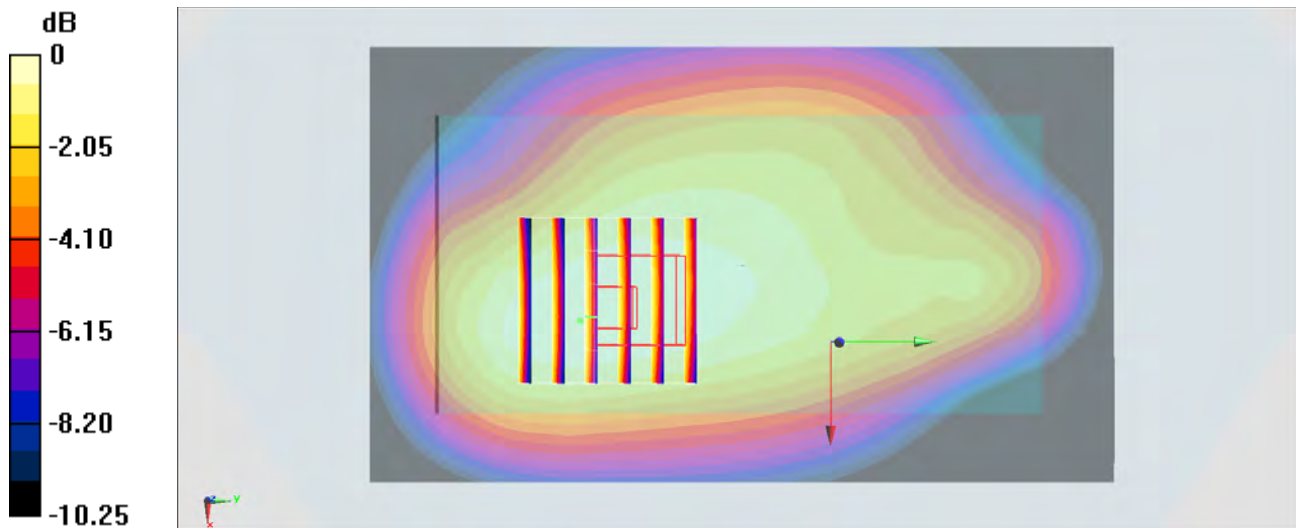
Configuration/Ch4132/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.53 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.305 W/kg

SAR(1 g) = 0.229 W/kg; SAR(10 g) = 0.173 W/kg

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



0 dB = 0.278 W/kg = -5.56 dBW/kg

#25_WCDMA IV_RMC 12.2Kbps_Back_15mm_Ch1413

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: MSL_1750_150830 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.438$ S/m; $\epsilon_r = 54.755$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(8.26, 8.26, 8.26); Calibrated: 2014/9/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2014/10/6
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch1413/Area Scan (71x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 0.227 W/kg

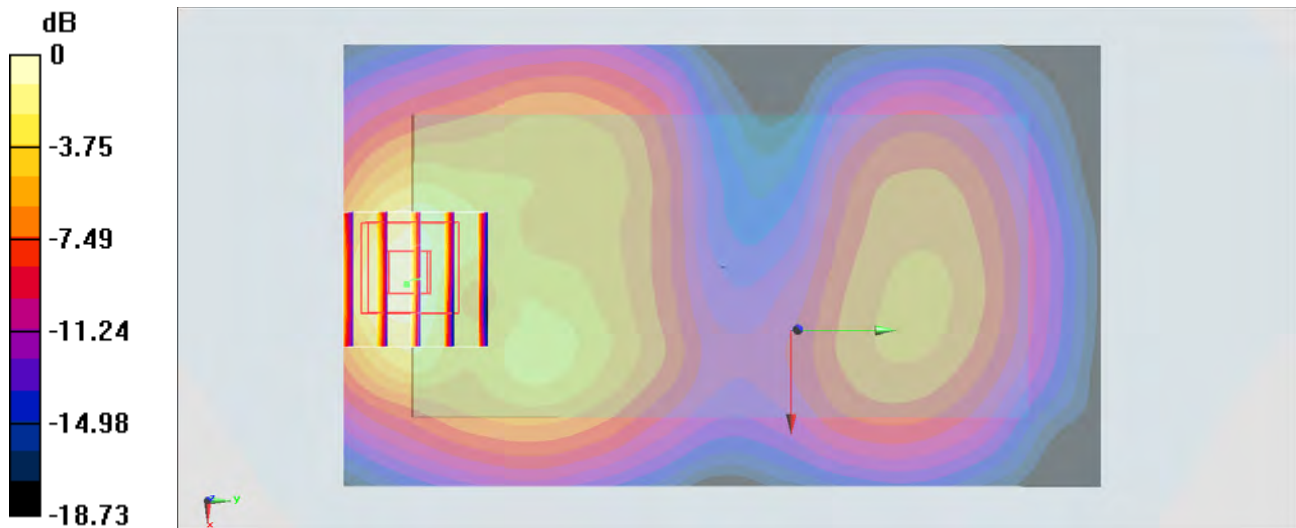
Configuration/Ch1413/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 13.27 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.278 W/kg

SAR(1 g) = 0.162 W/kg; SAR(10 g) = 0.090 W/kg

Maximum value of SAR (measured) = 0.239 W/kg



0 dB = 0.239 W/kg = -6.22 dBW/kg

#26_WCDMA II_RMC 12.2Kbps_Back_15mm_Ch9538

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

Medium: MSL_1900_150830 Medium parameters used: $f = 1908 \text{ MHz}$; $\sigma = 1.566 \text{ S/m}$; $\epsilon_r = 54.549$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(7.8, 7.8, 7.8); Calibrated: 2014/9/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2014/10/6
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch9538/Area Scan (71x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 0.323 W/kg

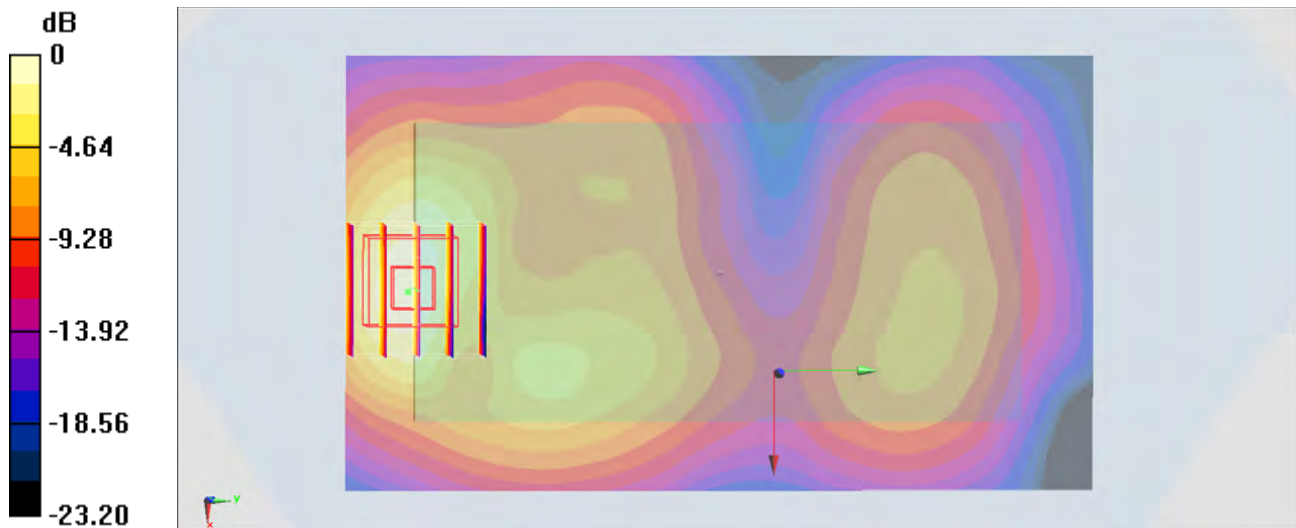
Configuration/Ch9538/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 14.91 V/m ; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.383 W/kg

SAR(1 g) = 0.222 W/kg ; SAR(10 g) = 0.121 W/kg

Maximum value of SAR (measured) = 0.327 W/kg



0 dB = 0.327 W/kg = -4.85 dBW/kg

#27_LTE Band 4_20M_QPSK_50_0_Front_15mm_Ch20050

Communication System: LTE ; Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: MSL_1750_150831 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.451$ S/m; $\epsilon_r = 53.273$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(8.26, 8.26, 8.26); Calibrated: 2014/9/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2014/10/6
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch20050/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

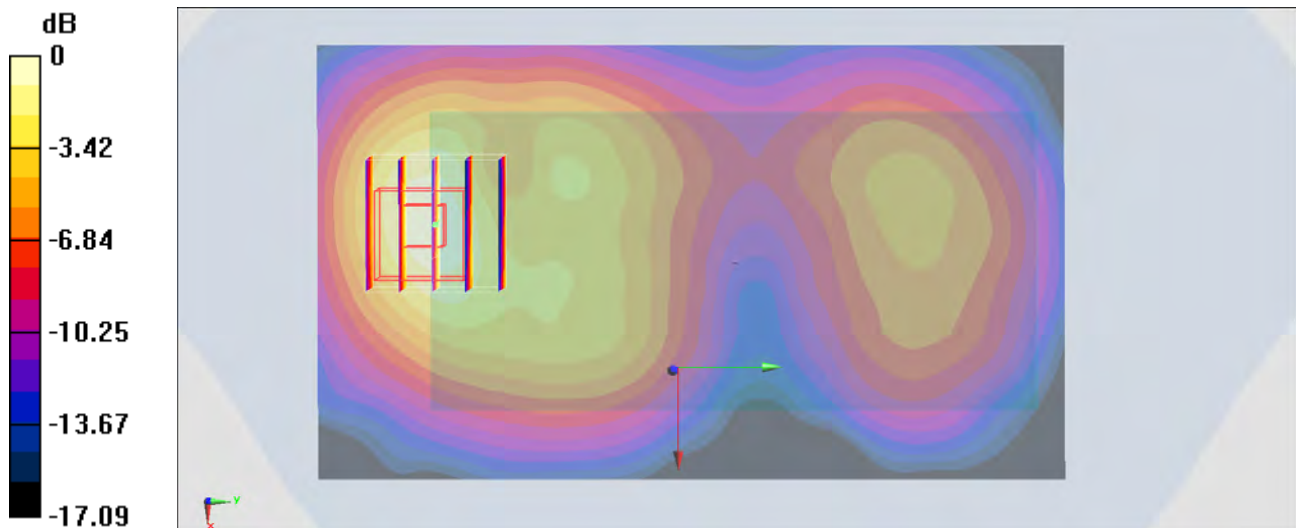
Configuration/Ch20050/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.41 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.239 W/kg

SAR(1 g) = 0.145 W/kg; SAR(10 g) = 0.082 W/kg

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



0 dB = 0.200 W/kg = -6.99 dBW/kg

#28_LTE Band 2_20M_QPSK_50_0_Front_15mm_Ch18900

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

Medium: MSL_1900_150830 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.538$ S/m; $\epsilon_r = 54.639$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(7.8, 7.8, 7.8); Calibrated: 2014/9/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2014/10/6
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch18900/Area Scan (71x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.251 W/kg

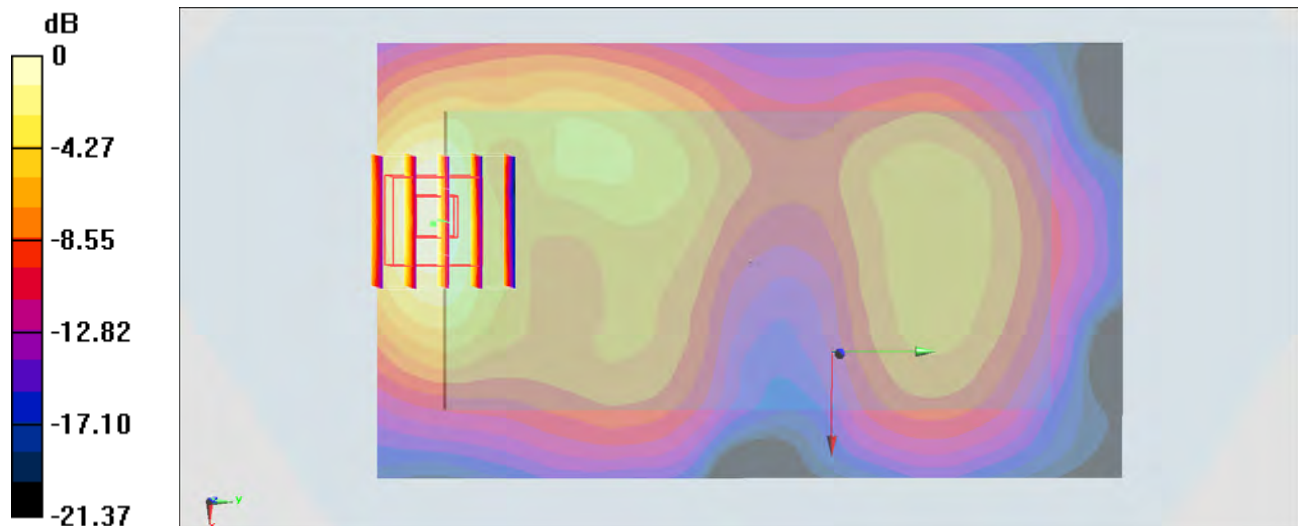
Configuration/Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.25 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.298 W/kg

SAR(1 g) = 0.175 W/kg; SAR(10 g) = 0.096 W/kg

Maximum value of SAR (measured) = 0.254 W/kg



#29_LTE Band 7_20M_QPSK_1RB_0offset_Back_15mm_Ch21100

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

Medium: MSL_2600_150912 Medium parameters used: $f = 2535$ MHz; $\sigma = 2.1$ mho/m; $\epsilon_r = 54.1$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.2, 7.2, 7.2); Calibrated: 2014/9/25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2014/10/6
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Ch21100/Area Scan (81x141x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.184 mW/g

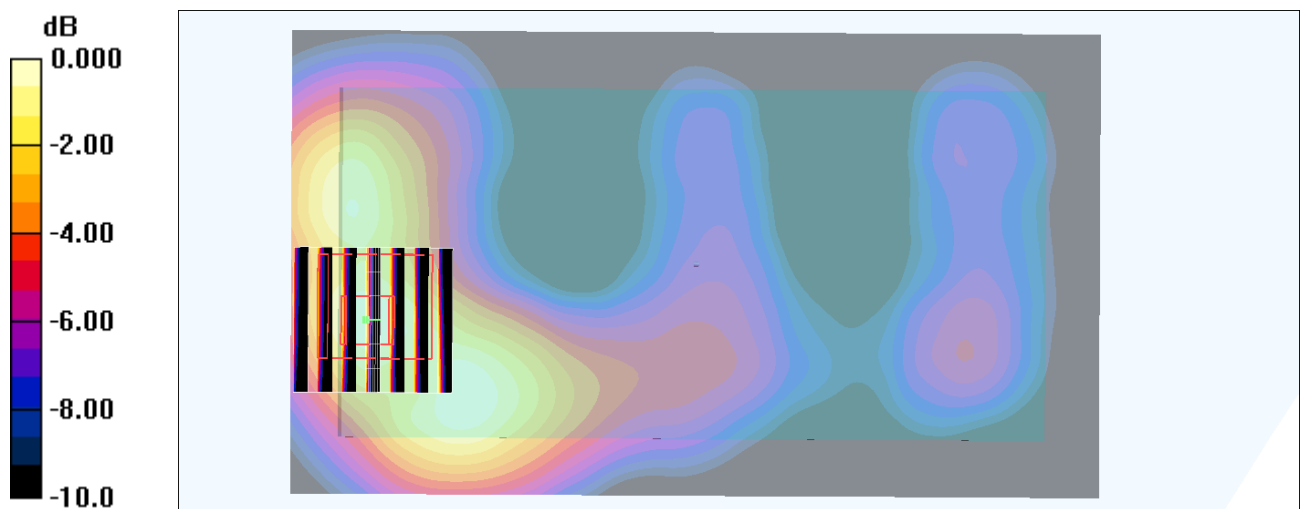
Ch21100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.41 V/m; Power Drift = -0.008 dB

Peak SAR (extrapolated) = 0.232 W/kg

SAR(1 g) = 0.111 mW/g; SAR(10 g) = 0.056 mW/g

Maximum value of SAR (measured) = 0.184 mW/g



0 dB = 0.184mW/g

#30_WLAN2.4GHz_802.11b 1Mbps_Back_15mm_Ch1

Communication System: 802.11b ; Frequency: 2412 MHz; Duty Cycle: 1:1.009

Medium: MSL_2450_150731 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.937$ S/m; $\epsilon_r = 52.185$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3954; ConvF(7.33, 7.33, 7.33); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1388; Calibrated: 2014/9/24
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch1/Area Scan (81x141x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
Maximum value of SAR (interpolated) = 0.0636 W/kg

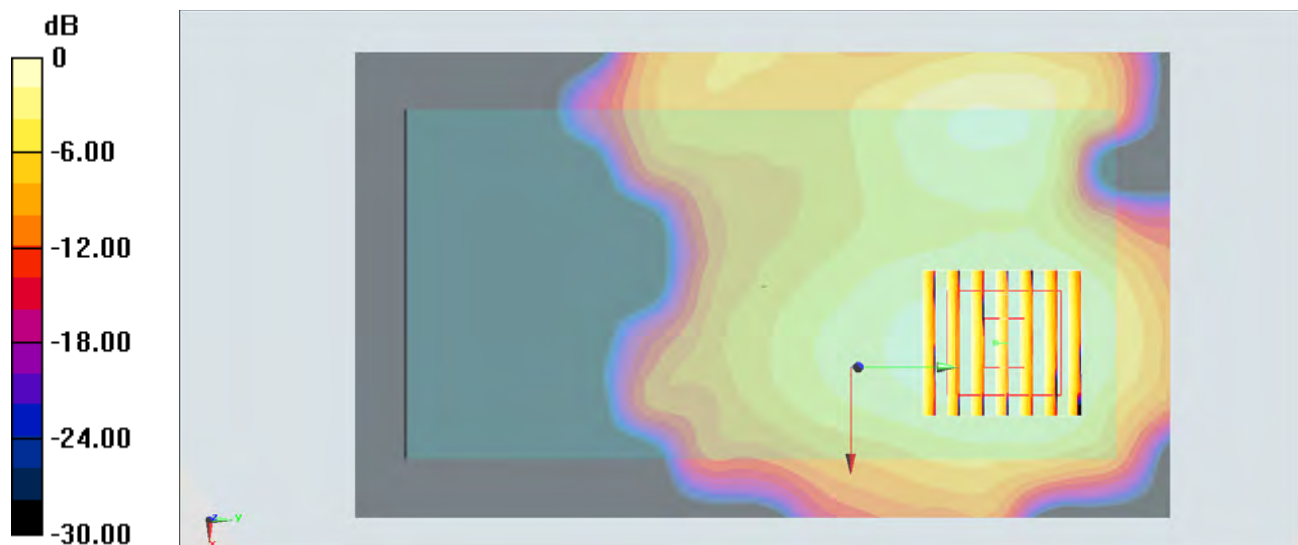
Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 6.017 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.0780 W/kg

SAR(1 g) = 0.043 W/kg; SAR(10 g) = 0.024 W/kg

Maximum value of SAR (measured) = 0.0644 W/kg



0 dB = 0.0636 W/kg = -11.97 dBW/kg

#31_WLAN5GHz_802.11ac-VHT80 MCS0_Front_15mm_Ch58

Communication System: 802.11ac; Frequency: 5290 MHz; Duty Cycle: 1:1.07

Medium: MSL_5G_150802 Medium parameters used: $f = 5290$ MHz; $\sigma = 5.251$ S/m; $\epsilon_r = 47.275$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(4.44, 4.44, 4.44); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch58/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0365 W/kg

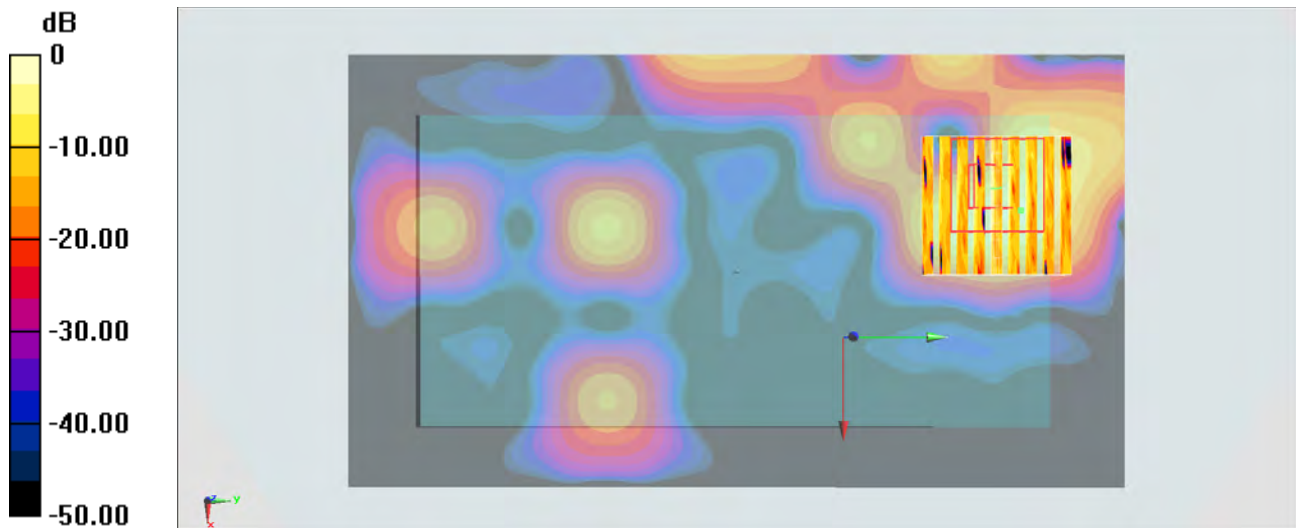
Configuration/Ch58/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.255 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.156 W/kg

SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.00867 W/kg

Maximum value of SAR (measured) = 0.0673 W/kg



0 dB = 0.0673 W/kg = -11.72 dBW/kg

#32_WLAN5GHz_802.11ac-VHT80 MCS0_Front_15mm_Ch106

Communication System: 802.11ac; Frequency: 5530 MHz; Duty Cycle: 1:1.07

Medium: MSL_5G_150802 Medium parameters used: $f = 5530$ MHz; $\sigma = 5.561$ S/m; $\epsilon_r = 46.986$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(4.11, 4.11, 4.11); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch106/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0777 W/kg

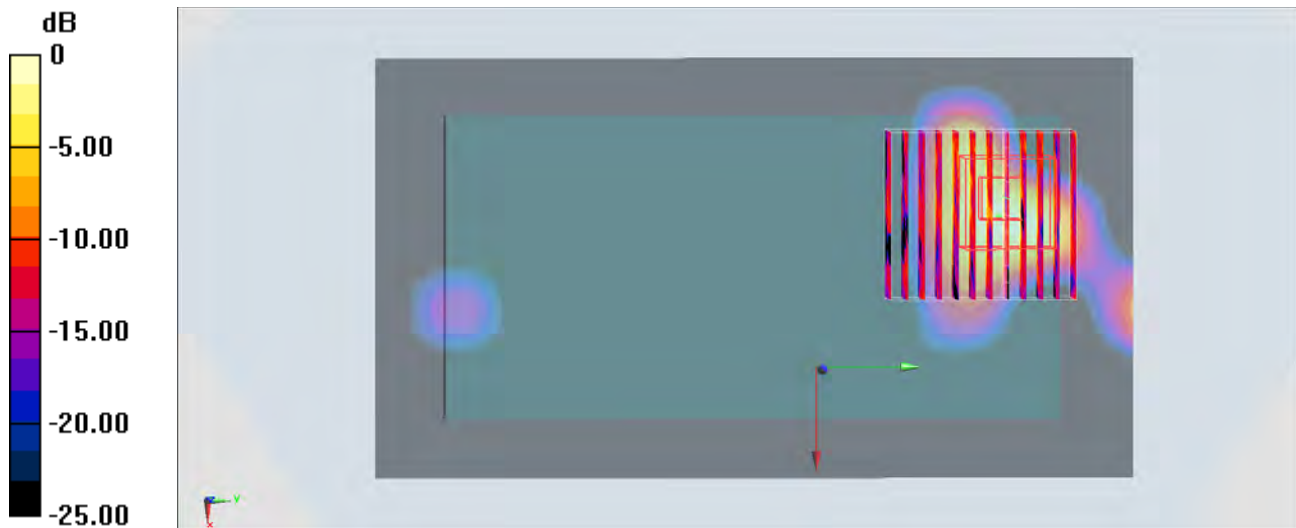
Configuration/Ch106/Zoom Scan (11x12x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.167 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.233 W/kg

SAR(1 g) = 0.031 W/kg; SAR(10 g) = 0.011 W/kg

Maximum value of SAR (measured) = 0.0902 W/kg



#33_WLAN5GHz_802.11ac-VHT80 MCS0_Back_15mm_Ch155

Communication System: 802.11ac; Frequency: 5725 MHz; Duty Cycle: 1:1.07

Medium: MSL_5G_150802 Medium parameters used: $f = 5725$ MHz; $\sigma = 5.884$ S/m; $\epsilon_r = 46.71$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(4.26, 4.26, 4.26); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch155/Area Scan (101x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

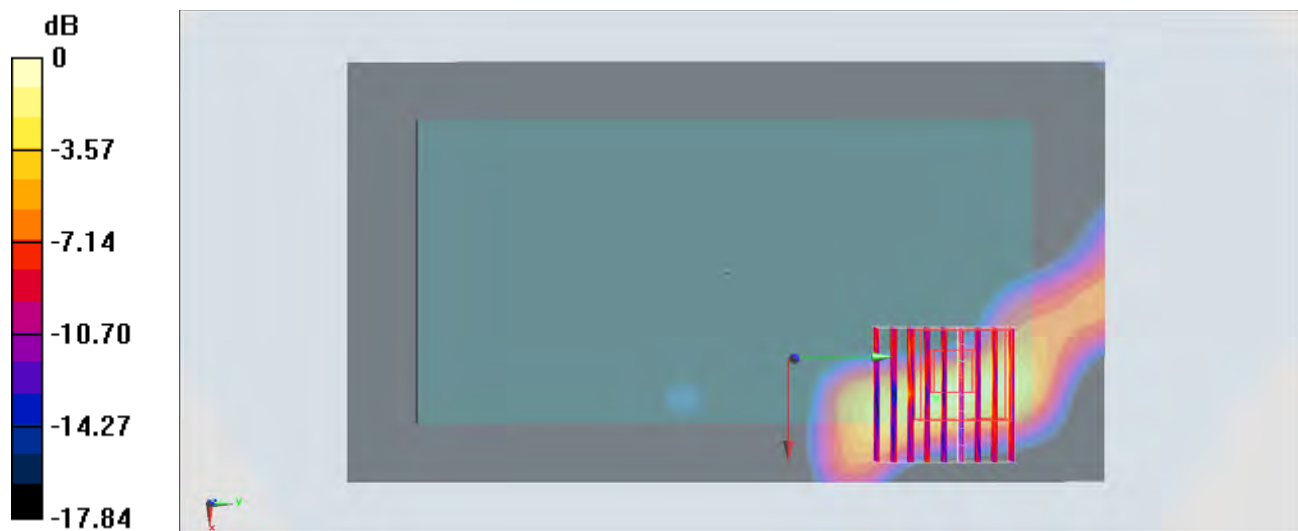
Configuration/Ch155/Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.257 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.189 W/kg

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

Maximum value of SAR (measured) = 0.0656 W/kg



0 dB = 0.0656 W/kg = -11.83 dBW/kg