

#01_GSM850_GPRS (4 Tx slots)_Left Cheek_Ch251

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

Medium: HSL_850_180112 Medium parameters used: $f = 849$ MHz; $\sigma = 0.907$ S/m; $\epsilon_r = 41.452$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.99, 5.99, 5.99); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.498 W/kg

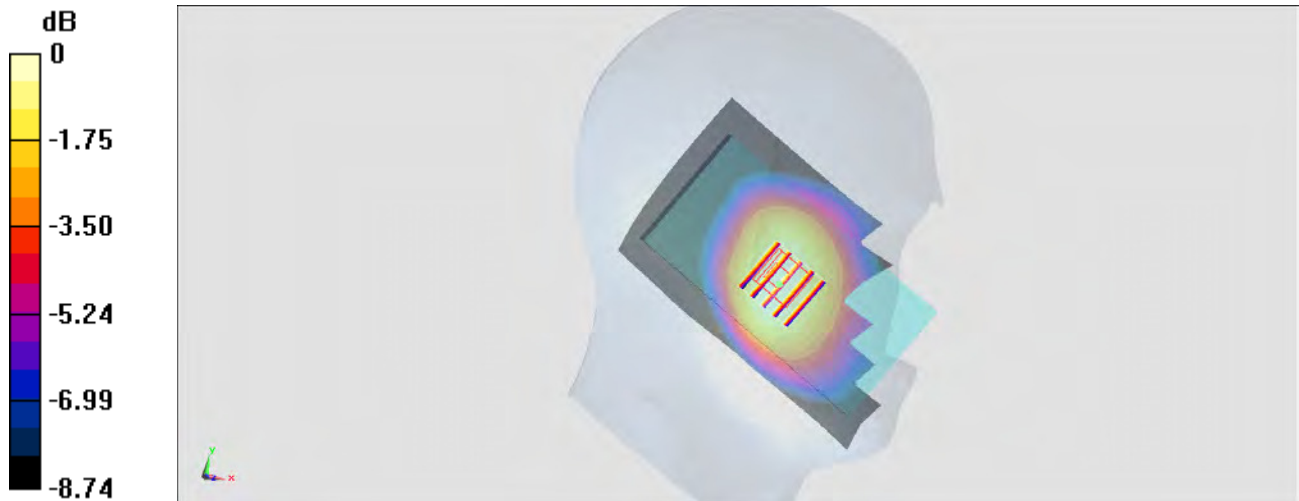
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.82 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.566 W/kg

SAR(1 g) = 0.454 W/kg; SAR(10 g) = 0.351 W/kg

Maximum value of SAR (measured) = 0.491 W/kg



0 dB = 0.491 W/kg = -3.09 dBW/kg

#02_GSM1900_GPRS (4 Tx slots)_Left Cheek_Ch810

Communication System: PCS; Frequency: 1909.8 MHz; Duty Cycle: 1:2.08

Medium: HSL_1900_180109 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.409$ S/m; $\epsilon_r = 38.767$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7306; ConvF(8.34, 8.34, 8.34); Calibrated: 2017/7/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

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

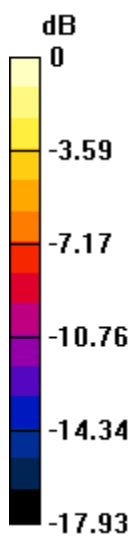
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 7.823 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.482 W/kg

SAR(1 g) = 0.277 W/kg; SAR(10 g) = 0.169 W/kg

Maximum value of SAR (measured) = 0.393 W/kg



0 dB = 0.393 W/kg = -4.06 dBW/kg

#03_WCDMA II_RMC 12.2Kbps_Left Cheek_Ch9538

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

Medium: HSL_1900_180109 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.407$ S/m; $\epsilon_r = 38.777$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7306; ConvF(8.34, 8.34, 8.34); Calibrated: 2017/7/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 1.05 W/kg

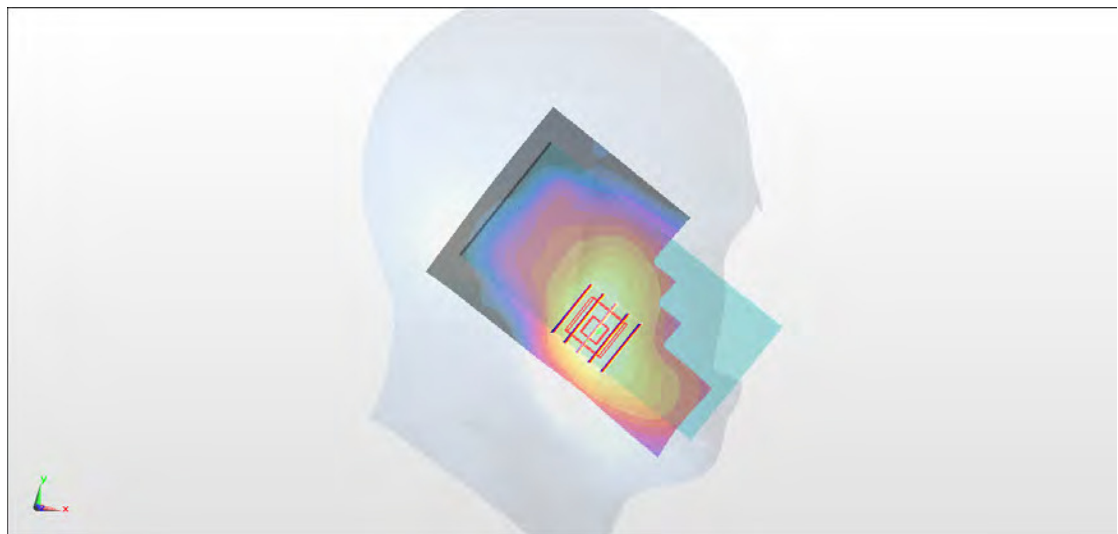
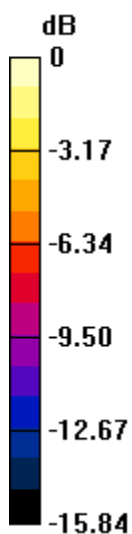
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 12.04 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.803 W/kg; SAR(10 g) = 0.501 W/kg

Maximum value of SAR (measured) = 1.06 W/kg



0 dB = 1.06 W/kg = 0.25 dBW/kg

#04_WCDMA IV_RMC 12.2Kbps_Left Cheek_Ch1513

Communication System: WCDMA ; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: HSL_1750_180110 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.358$ S/m; $\epsilon_r = 38.627$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7306; ConvF(8.64, 8.64, 8.64); Calibrated: 2017/7/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

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

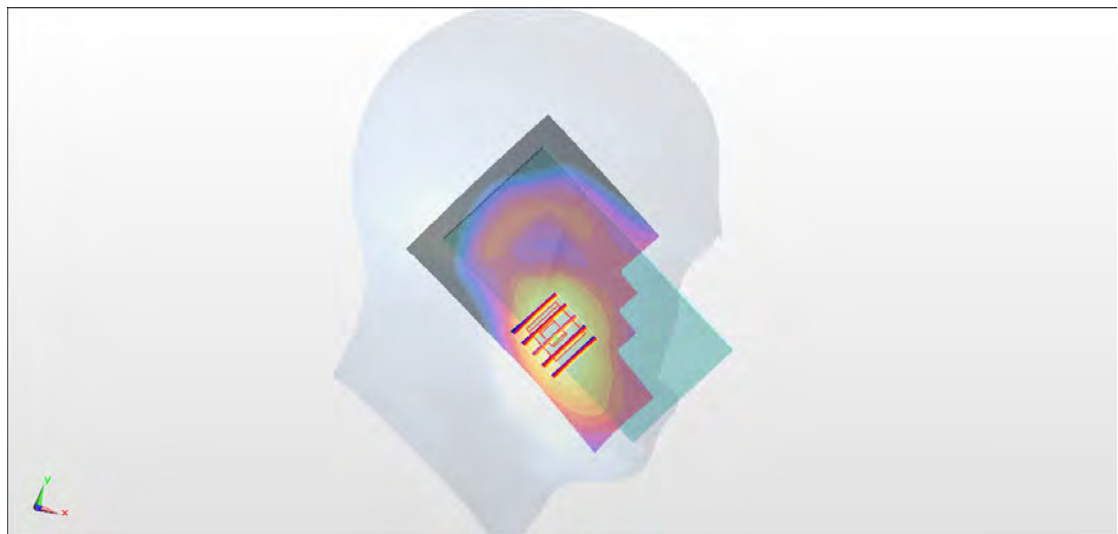
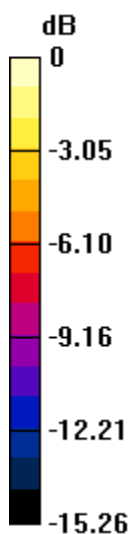
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 27.30 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.883 W/kg; SAR(10 g) = 0.562 W/kg

Maximum value of SAR (measured) = 1.15 W/kg



0 dB = 1.15 W/kg = 0.61 dBW/kg

#05_WCDMA V_RMC 12.2Kbps_Right Cheek_Ch4132

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

Medium: HSL_850_180112 Medium parameters used : $f = 826.4$ MHz; $\sigma = 0.886$ S/m; $\epsilon_r = 41.761$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.99, 5.99, 5.99); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

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

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

Reference Value = 30.52 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.884 W/kg

SAR(1 g) = 0.722 W/kg; SAR(10 g) = 0.565 W/kg

Maximum value of SAR (measured) = 0.788 W/kg



0 dB = 0.788 W/kg = -1.03 dBW/kg

#06_CDMA BC0_1xRTT RC3 SO55_Right Cheek_Ch777

Communication System: CDMA; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: HSL_850_180112 Medium parameters used : $f = 848.31$ MHz; $\sigma = 0.906$ S/m; $\epsilon_r = 41.462$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.99, 5.99, 5.99); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.663 W/kg

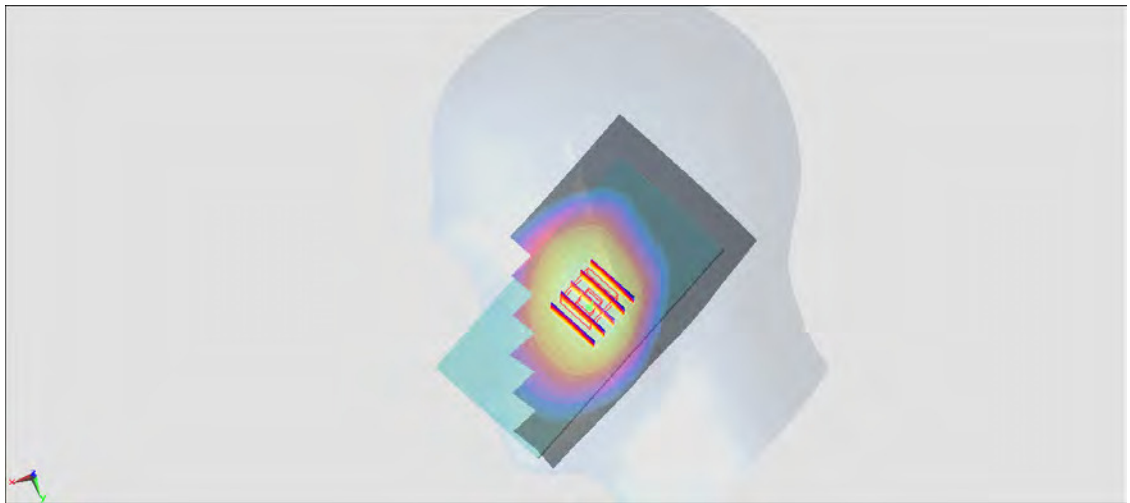
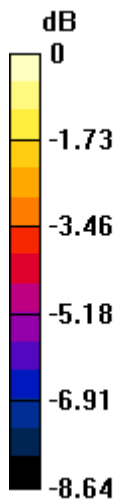
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.70 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.751 W/kg

SAR(1 g) = 0.600 W/kg; SAR(10 g) = 0.465 W/kg

Maximum value of SAR (measured) = 0.663 W/kg



0 dB = 0.663 W/kg = -1.78 dBW/kg

#07_CDMA BC1_1xRTT RC3 SO55_Left Cheek_Ch1175

Communication System: CDMA; Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: HSL_1900_180109 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.408$ S/m; $\epsilon_r = 38.773$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7306; ConvF(8.34, 8.34, 8.34); Calibrated: 2017/7/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.979 W/kg

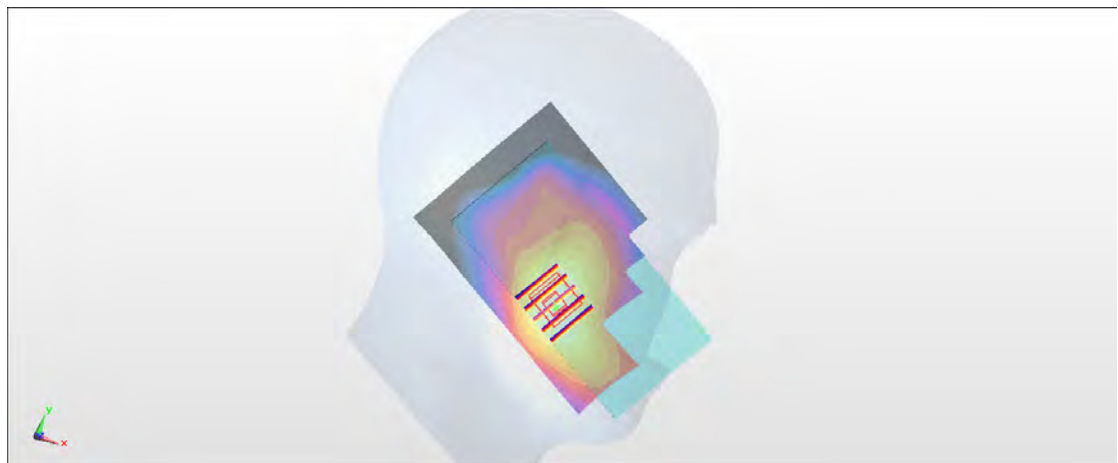
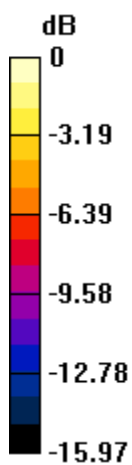
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.51 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.716 W/kg; SAR(10 g) = 0.443 W/kg

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



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

#08_CDMA BC10_1xRTT RC3 SO55_Right Cheek_Ch580

Communication System: CDMA; Frequency: 820.5 MHz; Duty Cycle: 1:1

Medium: HSL_850_180112 Medium parameters used : $f = 820.5$ MHz; $\sigma = 0.881$ S/m; $\epsilon_r = 41.835$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.99, 5.99, 5.99); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.695 W/kg

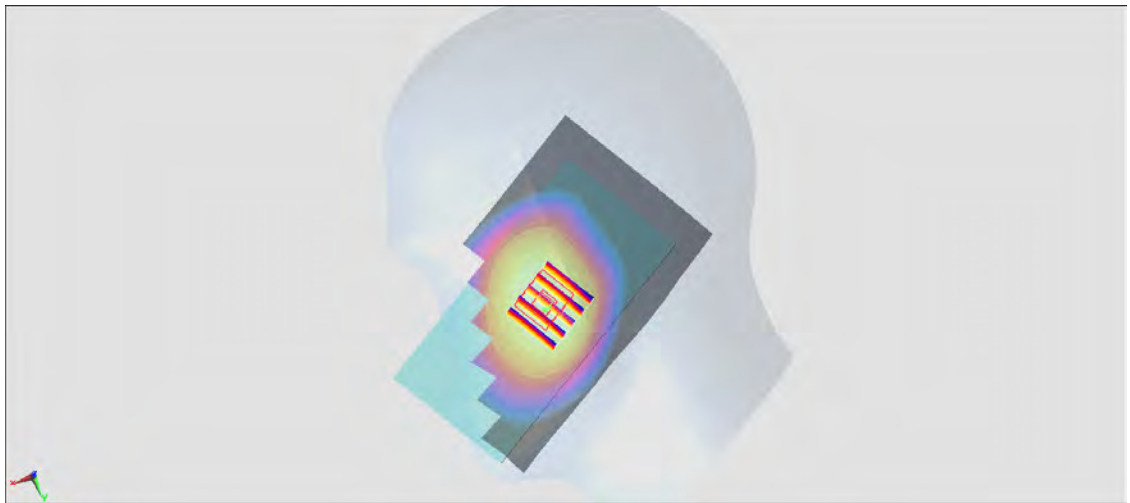
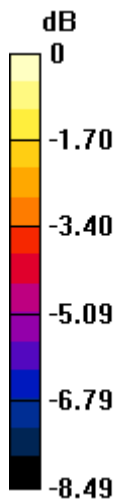
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 28.75 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.793 W/kg

SAR(1 g) = 0.631 W/kg; SAR(10 g) = 0.491 W/kg

Maximum value of SAR (measured) = 0.691 W/kg



0 dB = 0.691 W/kg = -1.61 dBW/kg

#09_LTE Band 2_20M_QPSK_1_49_Left Cheek_Ch19100

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

Medium: HSL_1900_180108 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.407$ S/m; $\epsilon_r = 39.06$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(8.45, 8.45, 8.45); Calibrated: 2017/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.915 W/kg

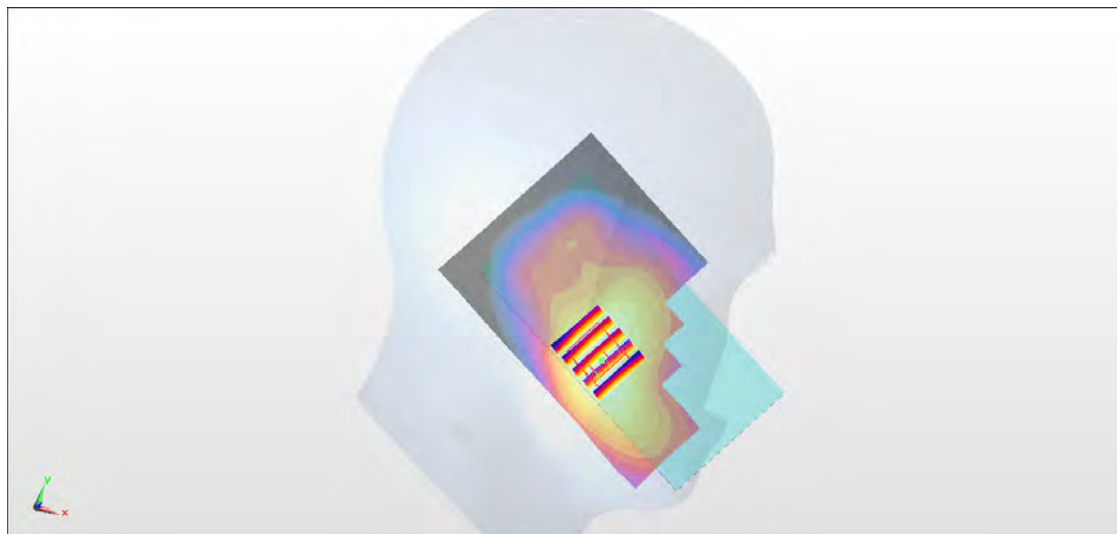
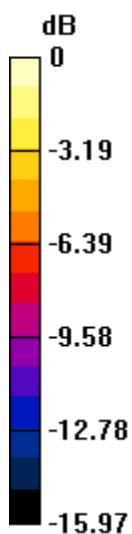
Zoom Scan (5x5x7)/Cube 0 : Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 24.05 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.04 W/kg

SAR(1 g) = 0.667 W/kg; SAR(10 g) = 0.425 W/kg

Maximum value of SAR (measured) = 0.880 W/kg



0 dB = 0.880 W/kg = -0.56 dBW/kg

#10_LTE Band 4_20M_QPSK_1_49_Left Cheek_Ch20175

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

Medium: HSL_1750_180110 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.338$ S/m; $\epsilon_r = 38.614$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7306; ConvF(8.64, 8.64, 8.64); Calibrated: 2017/7/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.953 W/kg

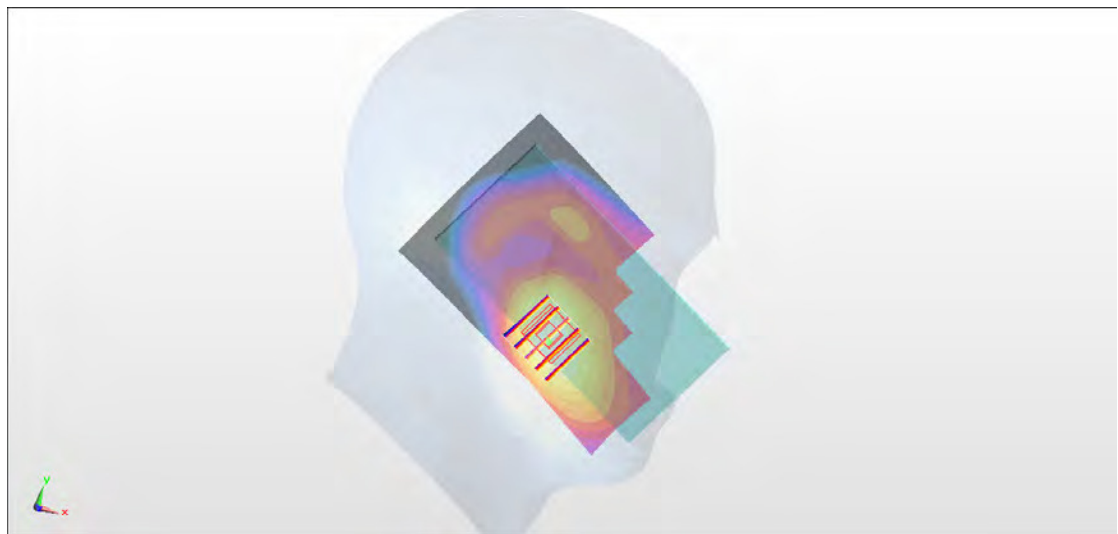
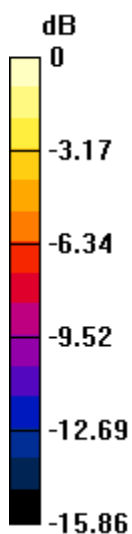
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 24.59 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.749 W/kg; SAR(10 g) = 0.474 W/kg

Maximum value of SAR (measured) = 0.998 W/kg



0 dB = 0.998 W/kg = -0.01 dBW/kg

#11_LTE Band 5_10M_QPSK_1_25_Right Cheek_Ch20525

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

Medium: HSL_850_180112 Medium parameters used : $f = 836.5$ MHz; $\sigma = 0.895$ S/m; $\epsilon_r = 41.624$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.99, 5.99, 5.99); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.564 W/kg

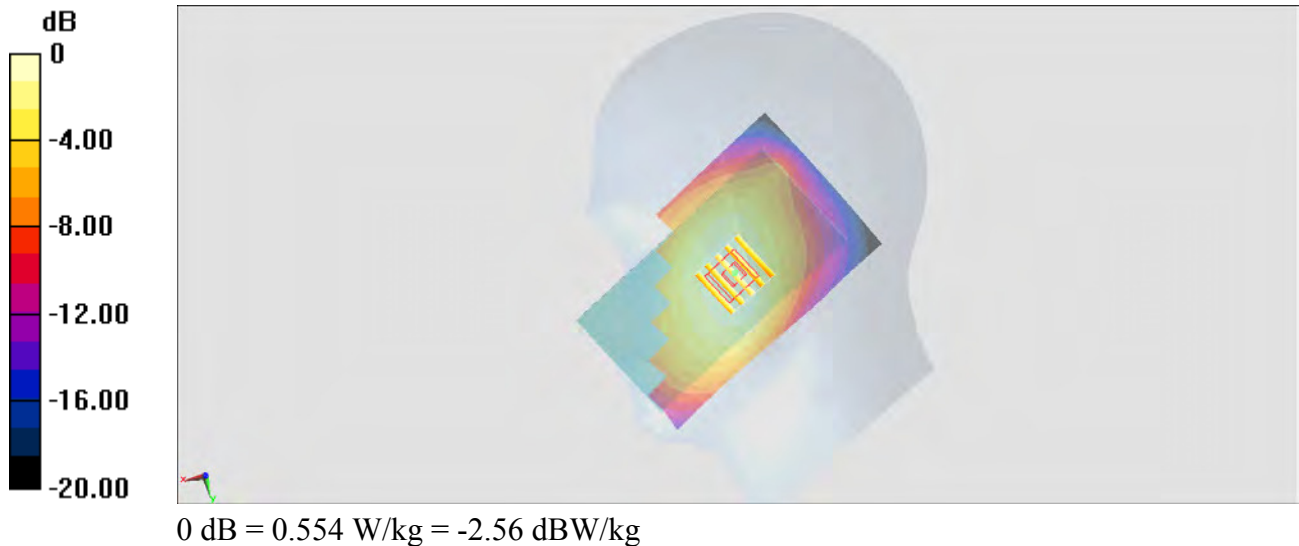
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.90 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.633 W/kg

SAR(1 g) = 0.506 W/kg; SAR(10 g) = 0.392 W/kg

Maximum value of SAR (measured) = 0.554 W/kg



#12_LTE Band 7_20M_QPSK_1_49_Left Cheek_Ch20850

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

Medium: HSL_2600_180107 Medium parameters used: $f = 2510$ MHz; $\sigma = 1.823$ S/m; $\epsilon_r = 38.801$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(7.38, 7.38, 7.38); Calibrated: 2017/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (81x141x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 1.04 W/kg

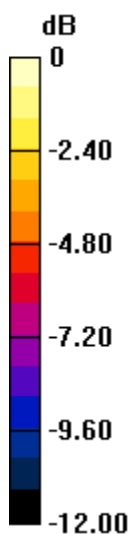
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 18.11 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.705 W/kg; SAR(10 g) = 0.380 W/kg

Maximum value of SAR (measured) = 1.05 W/kg



0 dB = 1.05 W/kg = 0.21 dBW/kg

#13_LTE Band 12_10M_QPSK_1_25_Right Cheek_Ch23095

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

Medium: HSL_750_180113 Medium parameters used : $f = 707.5$ MHz; $\sigma = 0.856$ S/m; $\epsilon_r = 41.162$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.07, 6.07, 6.07); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.262 W/kg

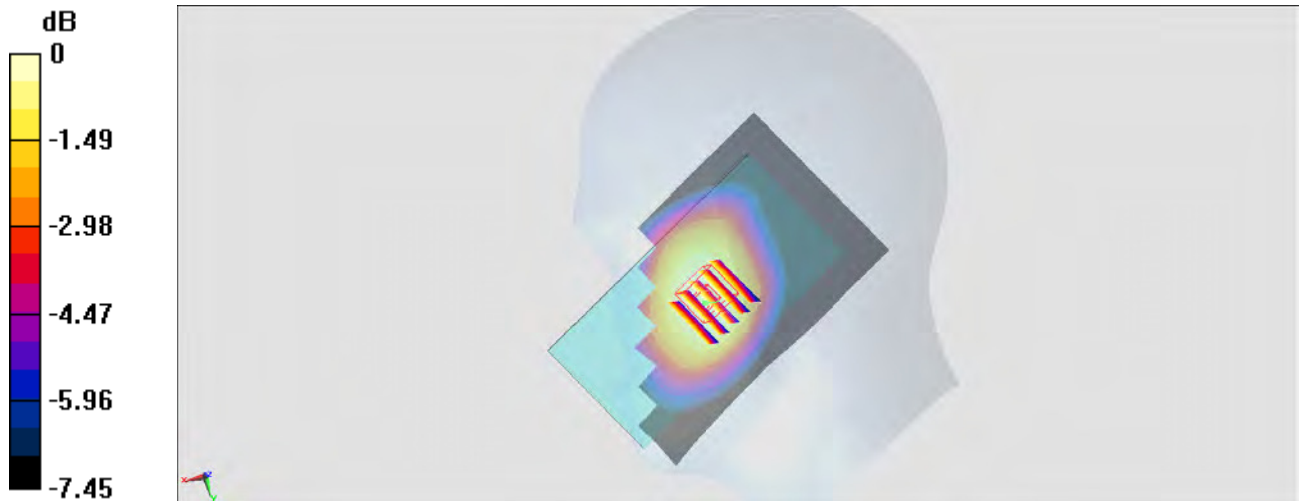
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.96 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.287 W/kg

SAR(1 g) = 0.238 W/kg; SAR(10 g) = 0.192 W/kg

Maximum value of SAR (measured) = 0.257 W/kg



0 dB = 0.257 W/kg = -5.90 dBW/kg

#14_LTE Band 13_10M_QPSK_1_25_Left Cheek_Ch23230

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

Medium: HSL_750_180113 Medium parameters used: $f = 782$ MHz; $\sigma = 0.926$ S/m; $\epsilon_r = 40.204$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.07, 6.07, 6.07); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.574 W/kg

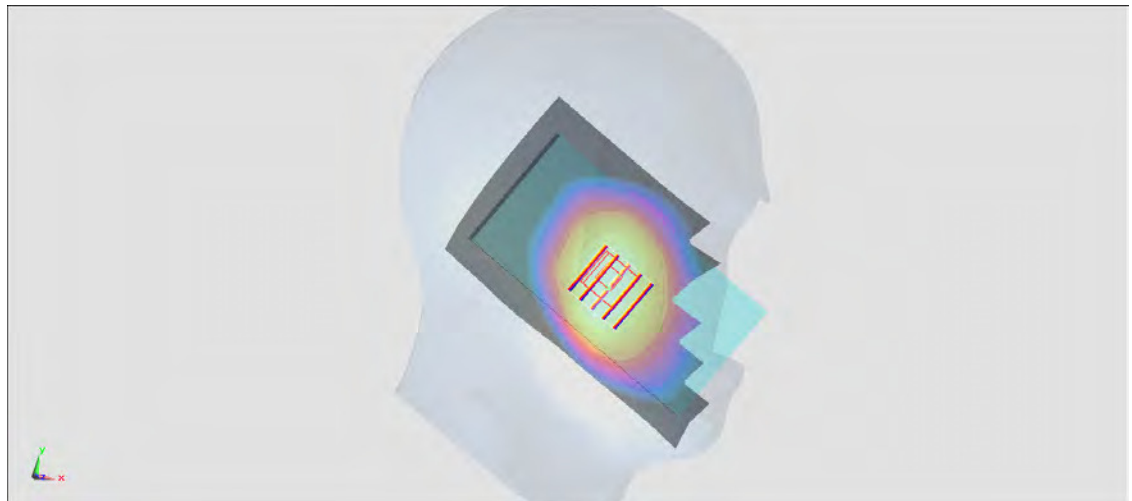
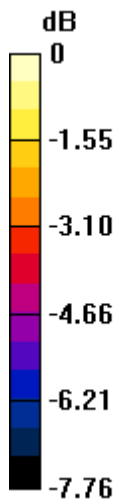
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.23 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.644 W/kg

SAR(1 g) = 0.511 W/kg; SAR(10 g) = 0.402 W/kg

Maximum value of SAR (measured) = 0.551 W/kg



0 dB = 0.551 W/kg = -2.59 dBW/kg

#15_LTE Band 25_20M_QPSK_1_49_Left Cheek_Ch26590

Communication System: LTE; Frequency: 1905 MHz; Duty Cycle: 1:1

Medium: HSL_1900_180108 Medium parameters used: $f = 1905$ MHz; $\sigma = 1.412$ S/m; $\epsilon_r = 39.027$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(8.45, 8.45, 8.45); Calibrated: 2017/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.741 W/kg

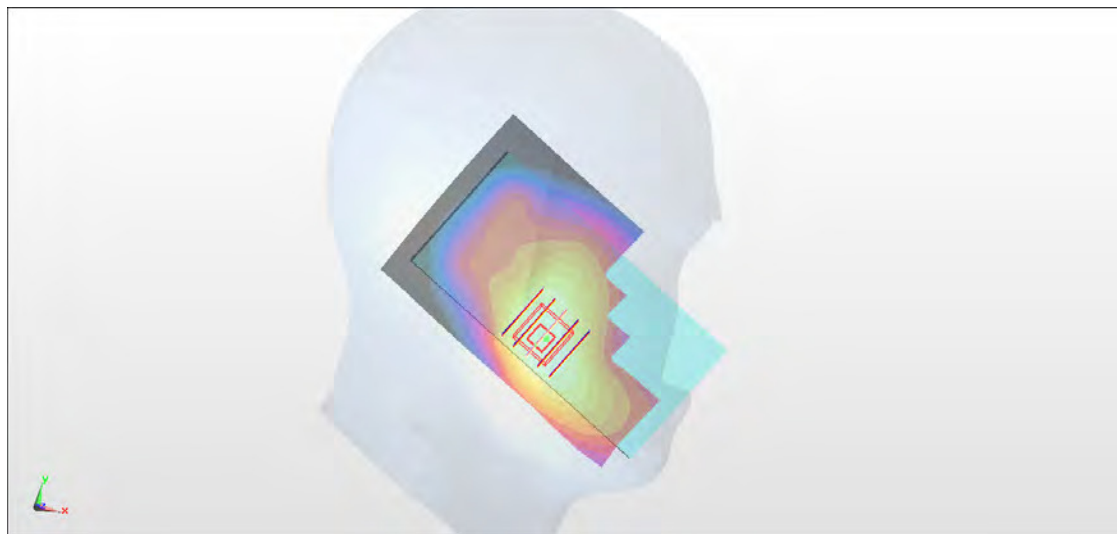
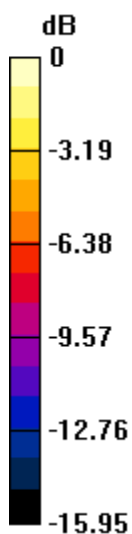
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.67 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.842 W/kg

SAR(1 g) = 0.545 W/kg; SAR(10 g) = 0.346 W/kg

Maximum value of SAR (measured) = 0.715 W/kg



0 dB = 0.715 W/kg = -1.46 dBW/kg

#16_LTE Band 26_15M_QPSK_1_37_Left Cheek_Ch26865

Communication System: LTE ; Frequency: 831.5 MHz;Duty Cycle: 1:1

Medium: HSL_850_180112 Medium parameters used : $f = 831.5$ MHz; $\sigma = 0.891$ S/m; $\epsilon_r = 41.694$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.99, 5.99, 5.99); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.586 W/kg

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

Reference Value = 26.48 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.656 W/kg

SAR(1 g) = 0.518 W/kg; SAR(10 g) = 0.397 W/kg

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



0 dB = 0.557 W/kg = -2.54 dBW/kg

#17_LTE Band 30_10M_QPSK_1_25_Right Cheek_Ch27710

Communication System: LTE ; Frequency: 2310 MHz;Duty Cycle: 1:1

Medium: HSL_2300_180107 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.614$ S/m; $\epsilon_r = 39.544$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(7.94, 7.94, 7.94); Calibrated: 2017/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

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

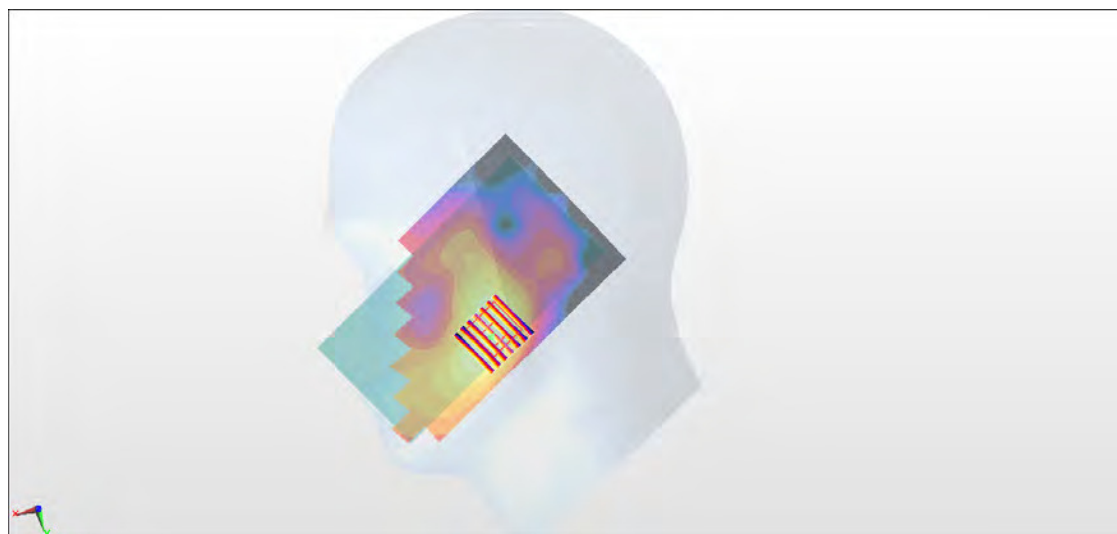
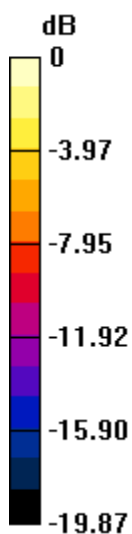
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.50 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.624 W/kg

SAR(1 g) = 0.365 W/kg; SAR(10 g) = 0.205 W/kg

Maximum value of SAR (measured) = 0.519 W/kg



0 dB = 0.519 W/kg = -2.85 dBW/kg

#18_LTE Band 66_20M_QPSK_1_49_Left Cheek_Ch132322

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

Medium: HSL_1750_180110 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.351$ S/m; $\epsilon_r = 38.623$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7306; ConvF(8.64, 8.64, 8.64); Calibrated: 2017/7/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.824 W/kg

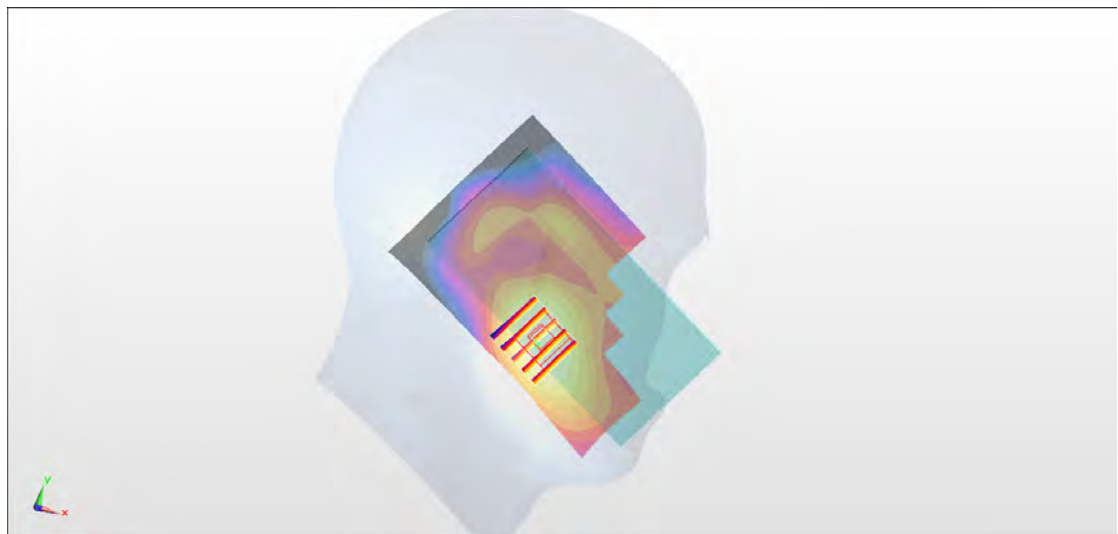
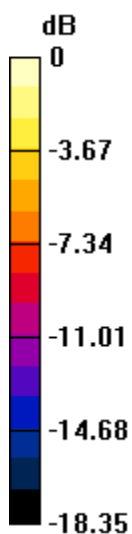
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.89 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.959 W/kg

SAR(1 g) = 0.621 W/kg; SAR(10 g) = 0.392 W/kg

Maximum value of SAR (measured) = 0.823 W/kg



0 dB = 0.823 W/kg = -0.85 dBW/kg

#19_LTE Band 41_20M_QPSK_1_49_Right Cheek_Ch40620

Communication System: LTE ; Frequency: 2593 MHz; Duty Cycle: 1:1.59

Medium: HSL_2600_180107 Medium parameters used : $f = 2593$ MHz; $\sigma = 1.911$ S/m; $\epsilon_r = 38.502$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(7.38, 7.38, 7.38); Calibrated: 2017/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.488 W/kg

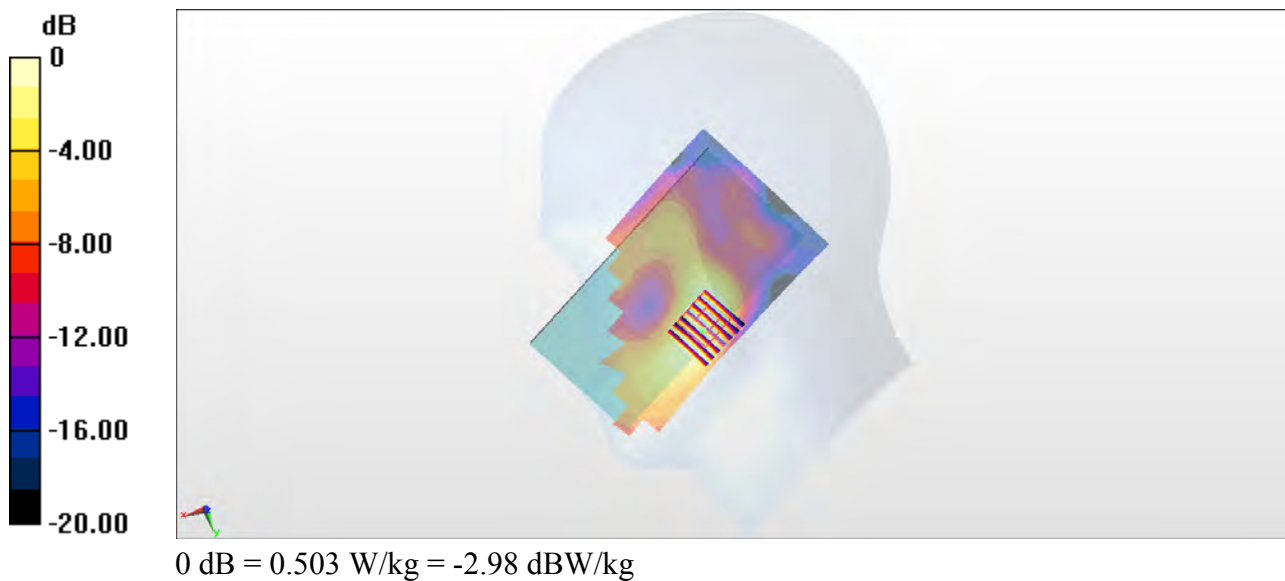
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.89 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.609 W/kg

SAR(1 g) = 0.329 W/kg; SAR(10 g) = 0.171 W/kg

Maximum value of SAR (measured) = 0.503 W/kg



#20_WLAN2.4GHz_802.11b 1Mbps_Left Cheek_Ch11

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1.024

Medium: HSL_2450_180119 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.807$ S/m; $\epsilon_r = 40.332$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(4.5, 4.5, 4.5); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.90 W/kg

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

Reference Value = 21.77 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.12 W/kg

SAR(1 g) = 1.31 W/kg; SAR(10 g) = 0.605 W/kg

Maximum value of SAR (measured) = 1.67 W/kg



0 dB = 1.67 W/kg = 2.23 dBW/kg

#21_WLAN5GHz_802.11a 6Mbps_Left Tilted_Ch60

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1.146

Medium: HSL_5G_180120 Medium parameters used: $f = 5300$ MHz; $\sigma = 4.559$ S/m; $\epsilon_r = 37.08$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3925; ConvF(5.36, 5.36, 5.36); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (91x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.27 W/kg

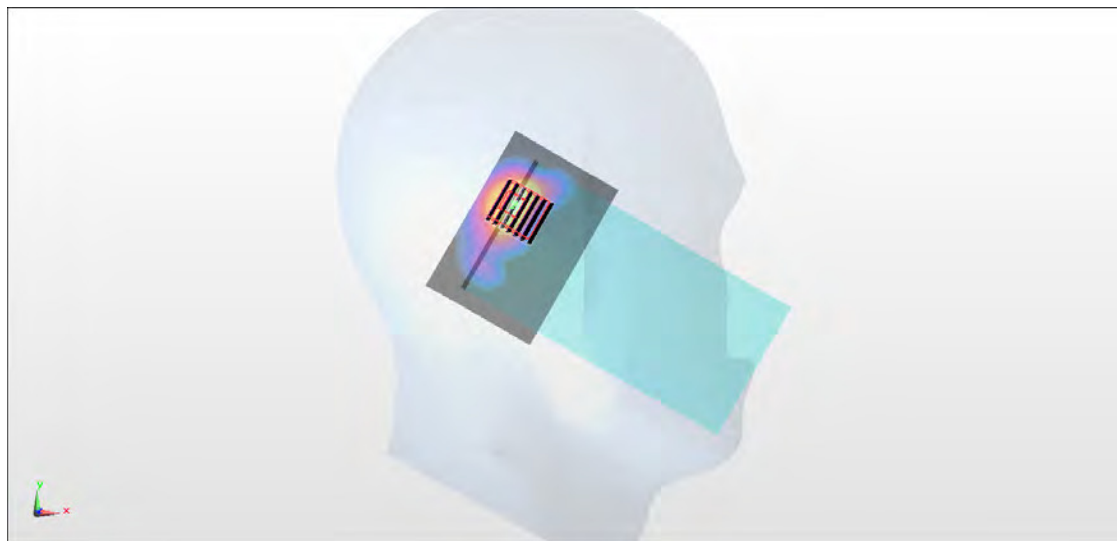
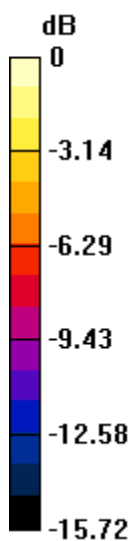
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.02 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 3.86 W/kg

SAR(1 g) = 0.885 W/kg; SAR(10 g) = 0.242 W/kg

Maximum value of SAR (measured) = 2.21 W/kg



0 dB = 2.21 W/kg = 3.44 dBW/kg

#22_WLAN5GHz_802.11a 6Mbps_Left Tilted_Ch144

Communication System: 802.11a; Frequency: 5720 MHz; Duty Cycle: 1:1.146

Medium: HSL_5G_180121 Medium parameters used: $f = 5720$ MHz; $\sigma = 5.079$ S/m; $\epsilon_r = 35.54$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3925; ConvF(4.87, 4.87, 4.87); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (91x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.55 W/kg

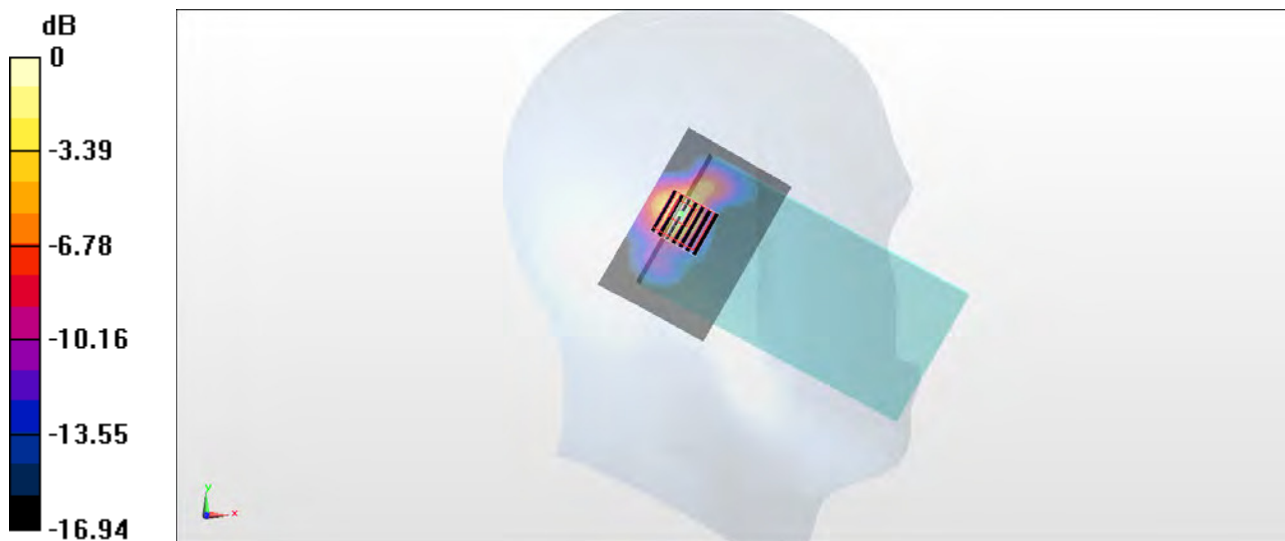
Zoom Scan (7x7x7)/Cube 0 : Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.038 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 4.29 W/kg

SAR(1 g) = 0.902 W/kg; SAR(10 g) = 0.232 W/kg

Maximum value of SAR (measured) = 2.39 W/kg



0 dB = 2.39 W/kg = 3.78 dBW/kg

#23_WLAN5GHz_802.11a 6Mbps_Left Cheek_Ch165

Communication System: 802.11a ; Frequency: 5825 MHz;Duty Cycle: 1:1.146

Medium: HSL_5G_180120 Medium parameters used: $f = 5825$ MHz; $\sigma = 5.092$ S/m; $\epsilon_r = 36.404$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3925; ConvF(4.87, 4.87, 4.87); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (91x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.86 W/kg

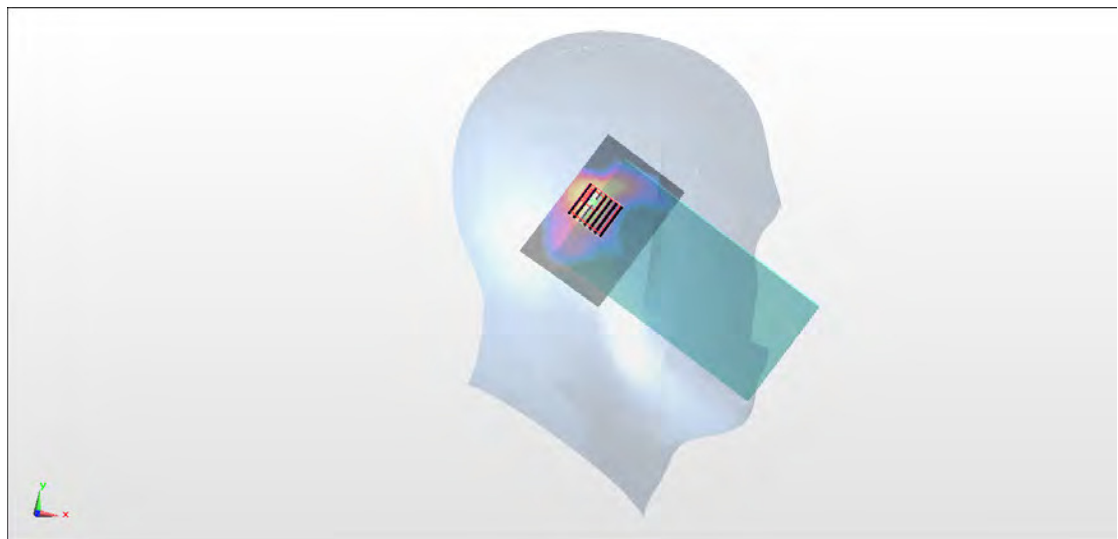
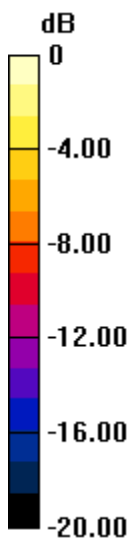
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 9.387 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 5.21 W/kg

SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.261 W/kg

Maximum value of SAR (measured) = 2.81 W/kg



0 dB = 2.81 W/kg = 4.49 dBW/kg

#24_Bluetooth_1Mbps_Left Cheek_Ch00

Communication System: Bluetooth; Frequency: 2402 MHz; Duty Cycle: 1:1.297

Medium: HSL_2450_180105 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.734$ S/m; $\epsilon_r = 39.992$; $\rho = 1000$ 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:1815
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.207 W/kg

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

Reference Value = 6.641 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.277 W/kg

SAR(1 g) = 0.127 W/kg; SAR(10 g) = 0.064 W/kg

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



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

#25_GSM850_GPRS (4 Tx slots)_Right Side_5mm_Ch251

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

Medium: MSL_850_180205 Medium parameters used: $f = 849$ MHz; $\sigma = 0.95$ S/m; $\epsilon_r = 56.944$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3169; ConvF(6.05, 6.05, 6.05); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (41x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.977 W/kg

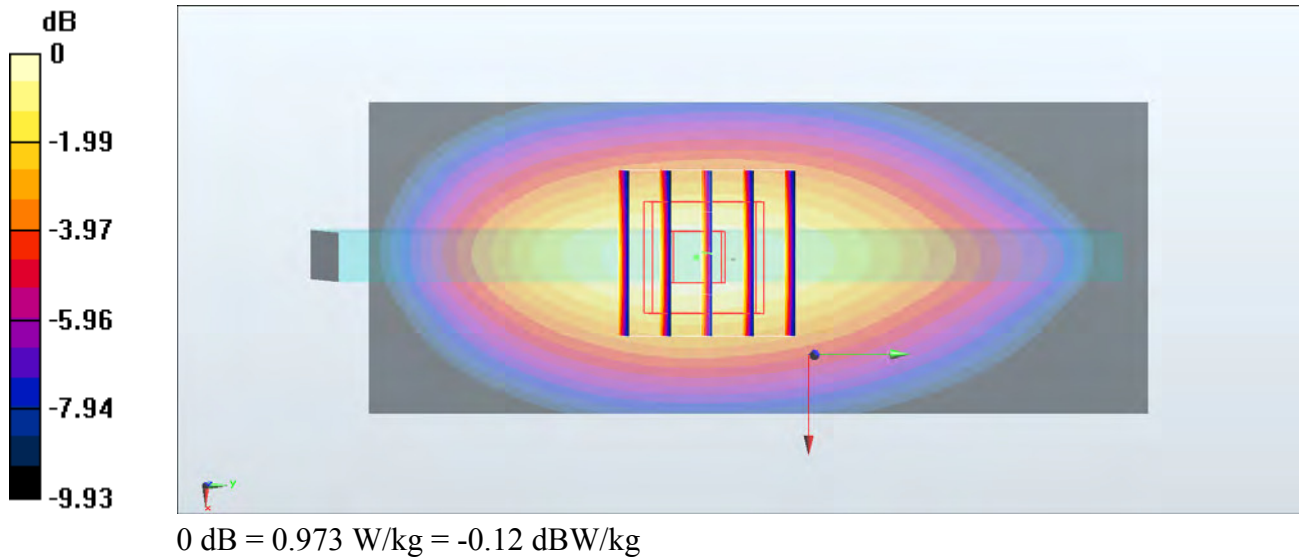
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.83 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.834 W/kg; SAR(10 g) = 0.556 W/kg

Maximum value of SAR (measured) = 0.973 W/kg



#26_GSM1900_GPRS (4 Tx slots)_Bottom Side_5mm_Ch661

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

Medium: MSL_1900_180207 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.508$ S/m; $\epsilon_r = 51.384$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3169; ConvF(4.72, 4.72, 4.72); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

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

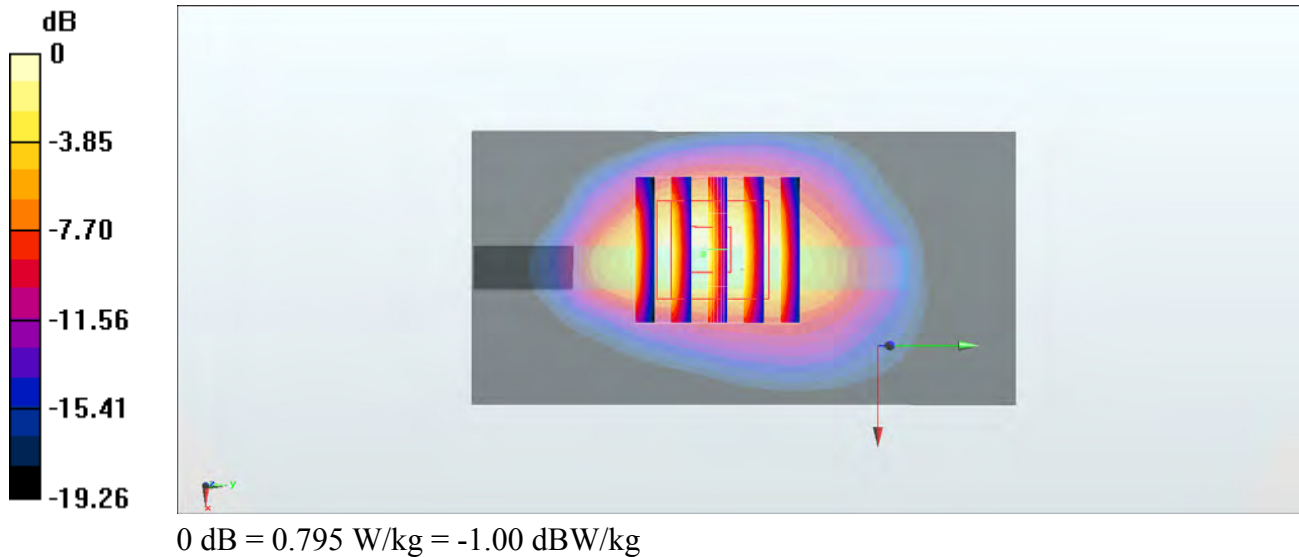
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.79 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.624 W/kg; SAR(10 g) = 0.311 W/kg

Maximum value of SAR (measured) = 0.795 W/kg



#27_WCDMA II_RMC 12.2Kbps_Bottom Side_5mm_Ch9262

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

Medium: MSL_1900_180203 Medium parameters used : $f = 1852.4$ MHz; $\sigma = 1.499$ S/m; $\epsilon_r = 51.863$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3169; ConvF(4.72, 4.72, 4.72); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 1.15 W/kg

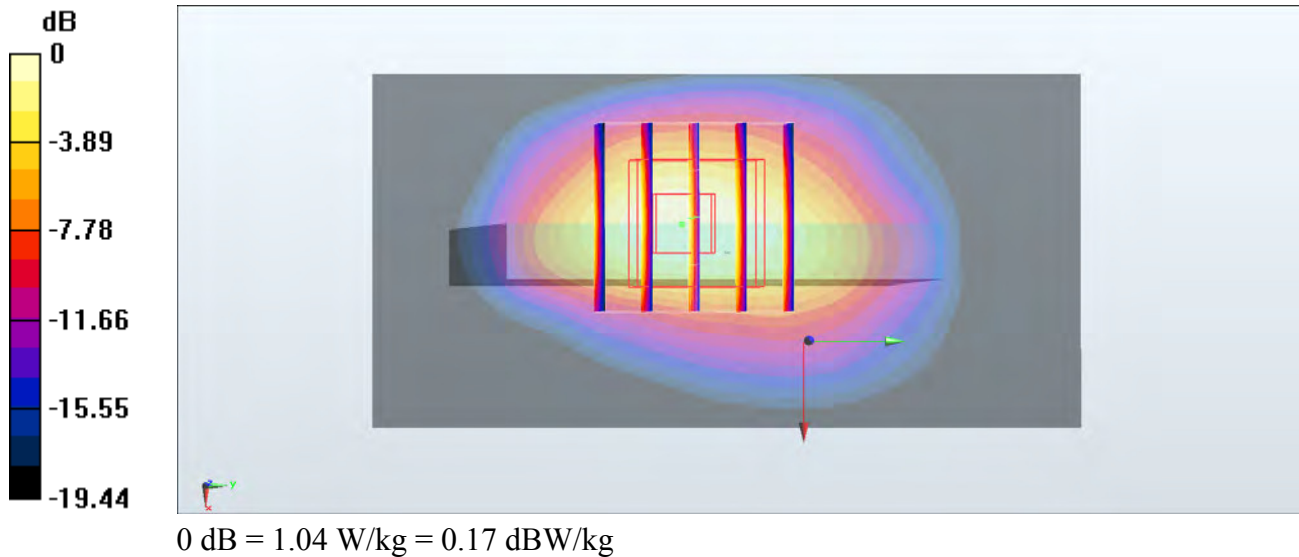
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.822 W/kg; SAR(10 g) = 0.413 W/kg

Maximum value of SAR (measured) = 1.04 W/kg



#28_WCDMA IV_RMC 12.2Kbps_Bottom Side_5mm_Ch1513

Communication System: WCDMA; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: MSL_1750_180204 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.462$ S/m; $\epsilon_r = 52.929$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3169; ConvF(4.95, 4.95, 4.95); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

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

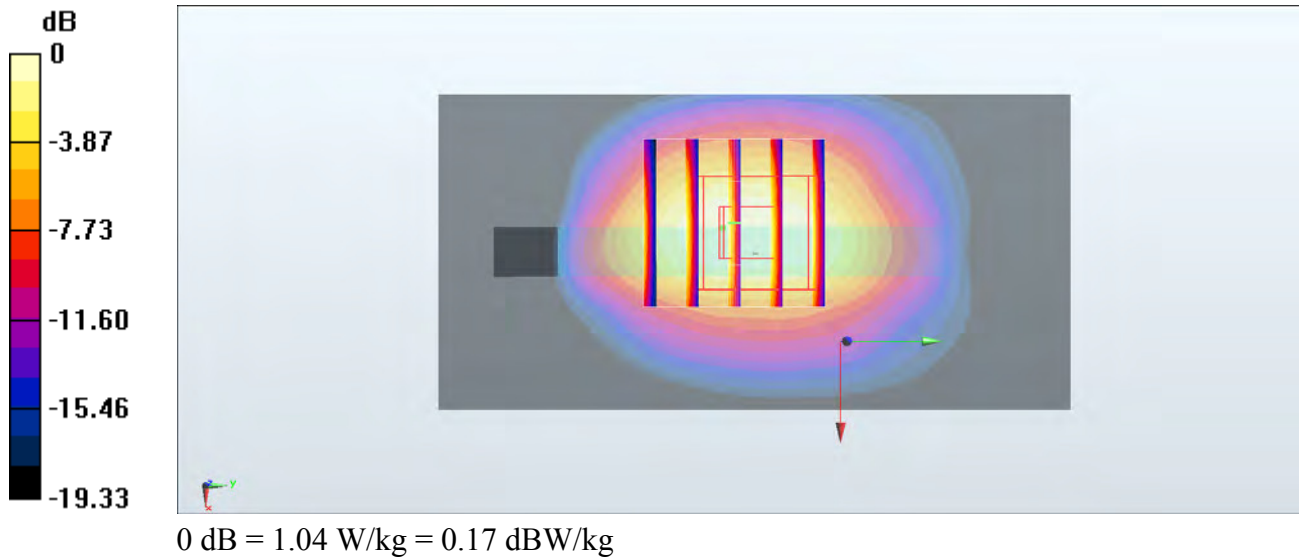
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.51 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.50 W/kg

SAR(1 g) = 0.860 W/kg; SAR(10 g) = 0.456 W/kg

Maximum value of SAR (measured) = 1.04 W/kg



#29_WCDMA V_RMC 12.2Kbps_Left Side_5mm_Ch4233

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

Medium: MSL_850_180205 Medium parameters used: $f = 847$ MHz; $\sigma = 0.948$ S/m; $\epsilon_r = 56.965$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3169; ConvF(6.05, 6.05, 6.05); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (41x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

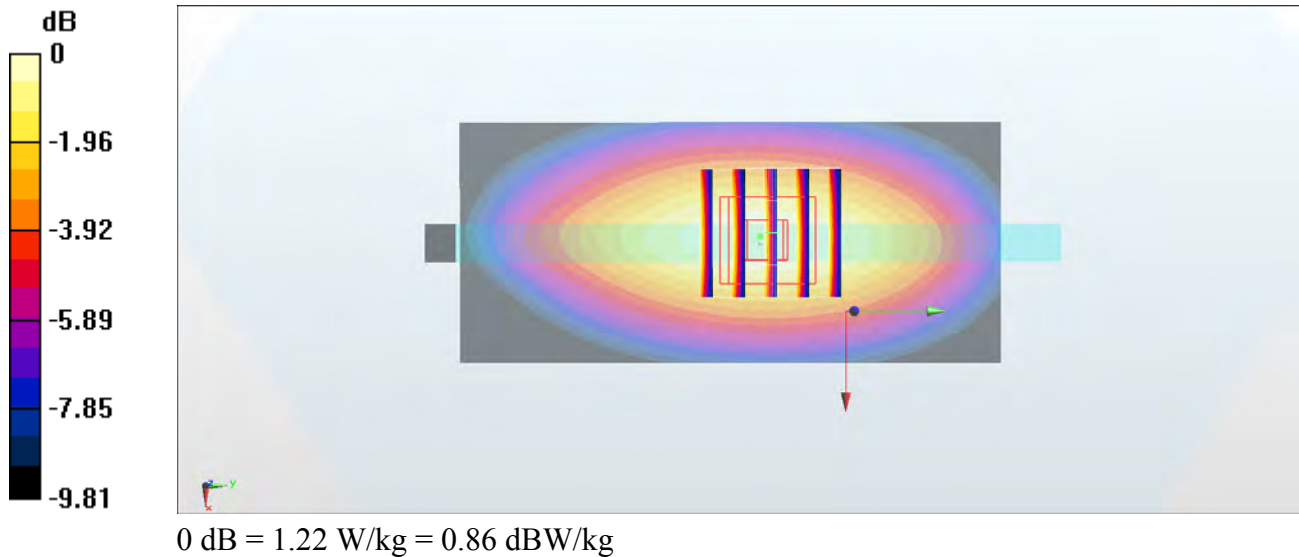
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.71 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.48 W/kg

SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.708 W/kg

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



#30_CDMA BC0_RTAP 153.6Kbps_Back_5mm_Ch777

Communication System: CDMA ; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: MSL_850_180114 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.997$ S/m; $\epsilon_r = 56.612$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7306; ConvF(9.85, 9.85, 9.85); Calibrated: 2017/7/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x101x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 1.04 W/kg

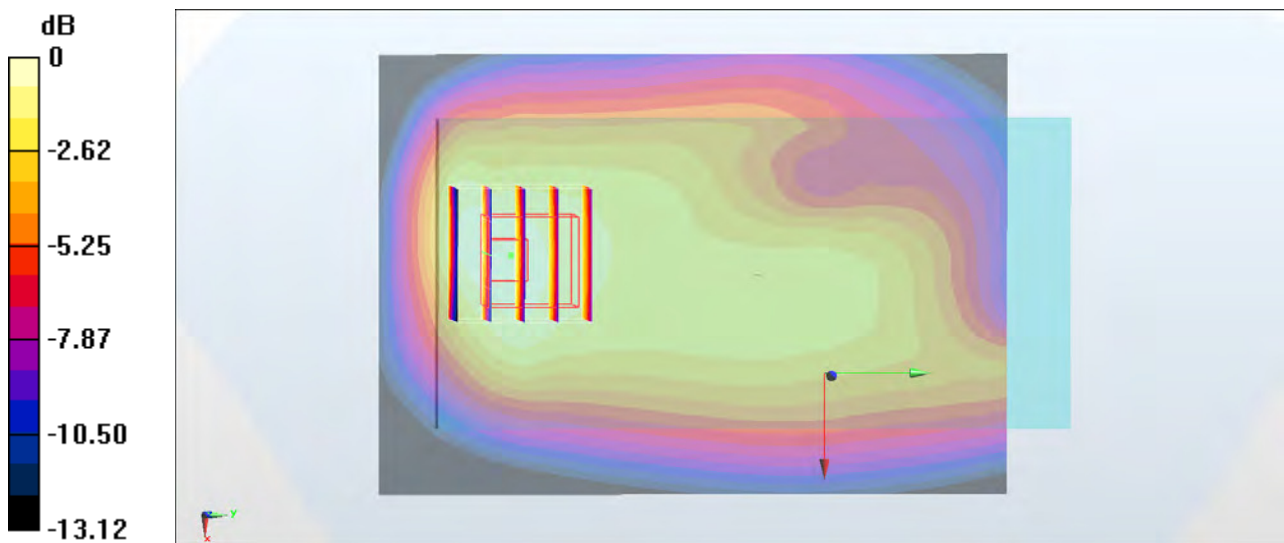
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 30.69 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.813 W/kg; SAR(10 g) = 0.542 W/kg

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



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

#31_CDMA BC1_RTAP 153.6Kbps_Back_5mm_Ch25

Communication System: CDMA ; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: MSL_1900_180203 Medium parameters used : $f = 1851.25$ MHz; $\sigma = 1.498$ S/m; $\epsilon_r = 51.866$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3169; ConvF(4.72, 4.72, 4.72); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 1.26 W/kg

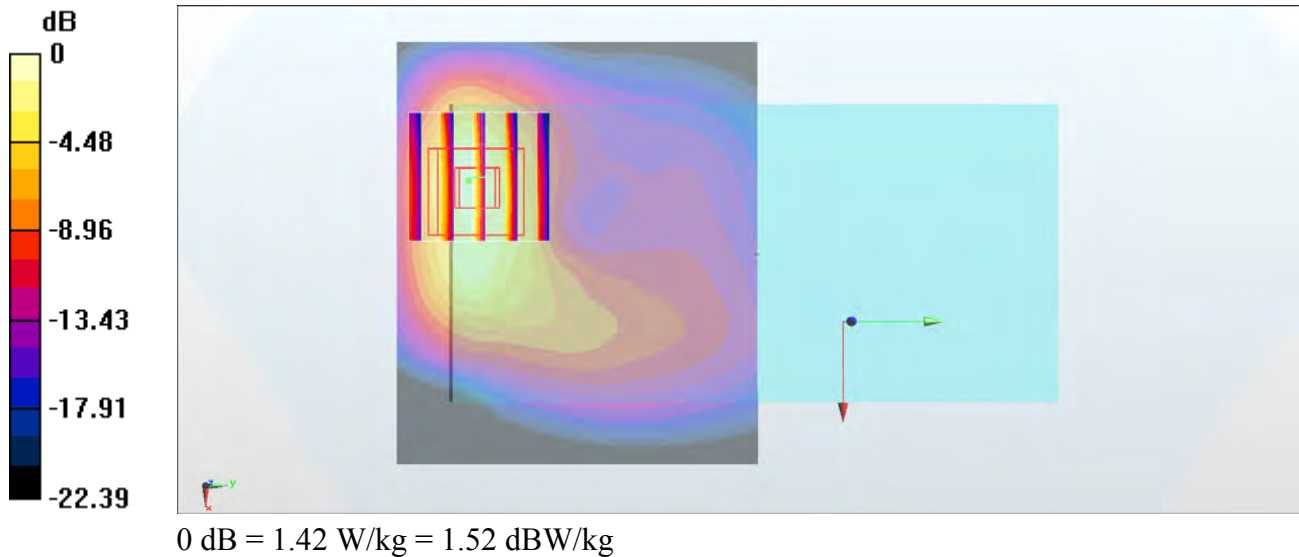
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.90 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.14 W/kg

SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.530 W/kg

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



#32_CDMA BC10_RTAP 153.6Kbps_Left Side_5mm_Ch580

Communication System: CDMA; Frequency: 820.5 MHz; Duty Cycle: 1:1

Medium: MSL_850_180114 Medium parameters used: $f = 820.5$ MHz; $\sigma = 0.968$ S/m; $\epsilon_r = 56.791$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7306; ConvF(9.85, 9.85, 9.85); Calibrated: 2017/7/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 1.32 W/kg

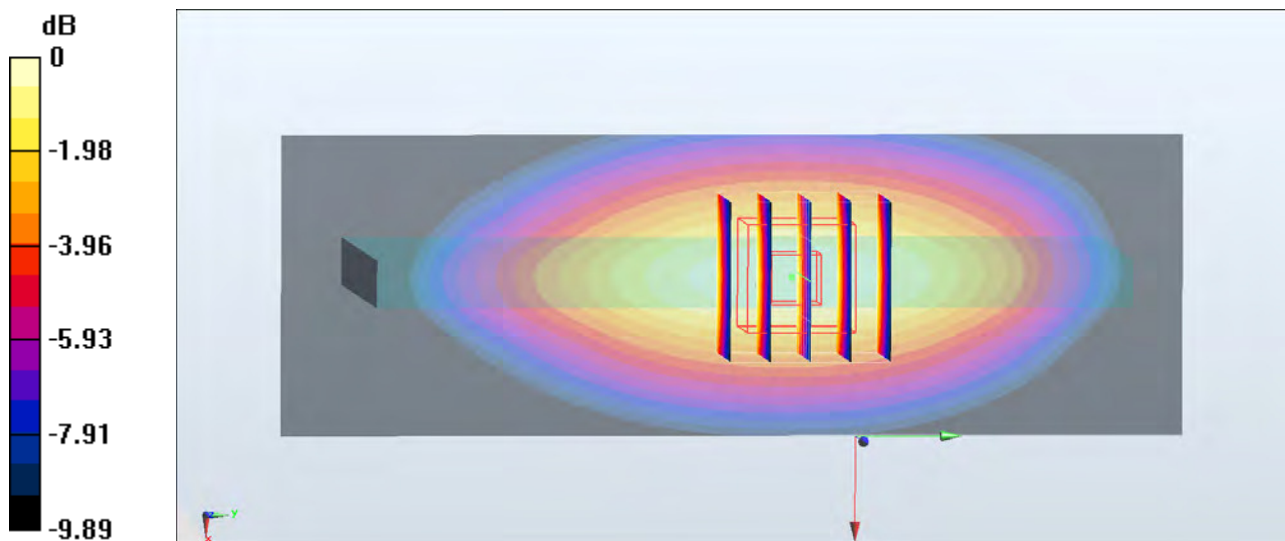
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 37.00 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.52 W/kg

SAR(1 g) = 0.969 W/kg; SAR(10 g) = 0.647 W/kg

Maximum value of SAR (measured) = 1.32 W/kg



#33_LTE Band 2_20M_QPSK_1_0_Bottom Side_5mm_Ch19100

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

Medium: MSL_1900_180203 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.552$ S/m; $\epsilon_r = 51.699$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3169; ConvF(4.72, 4.72, 4.72); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

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

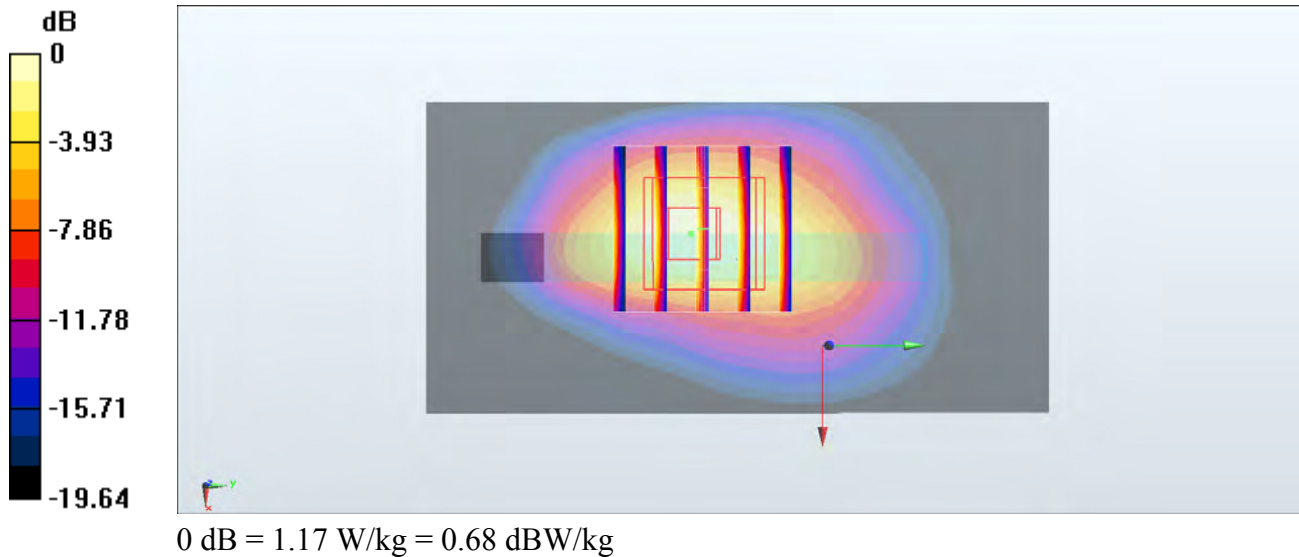
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.03 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.72 W/kg

SAR(1 g) = 0.924 W/kg; SAR(10 g) = 0.459 W/kg

Maximum value of SAR (measured) = 1.17 W/kg



#34_LTE Band 4_20M_QPSK_1_49_Bottom Side_5mm_Ch20175

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

Medium: MSL_1750_180204 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.444$ S/m; $\epsilon_r = 52.988$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3169; ConvF(4.95, 4.95, 4.95); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 1.26 W/kg

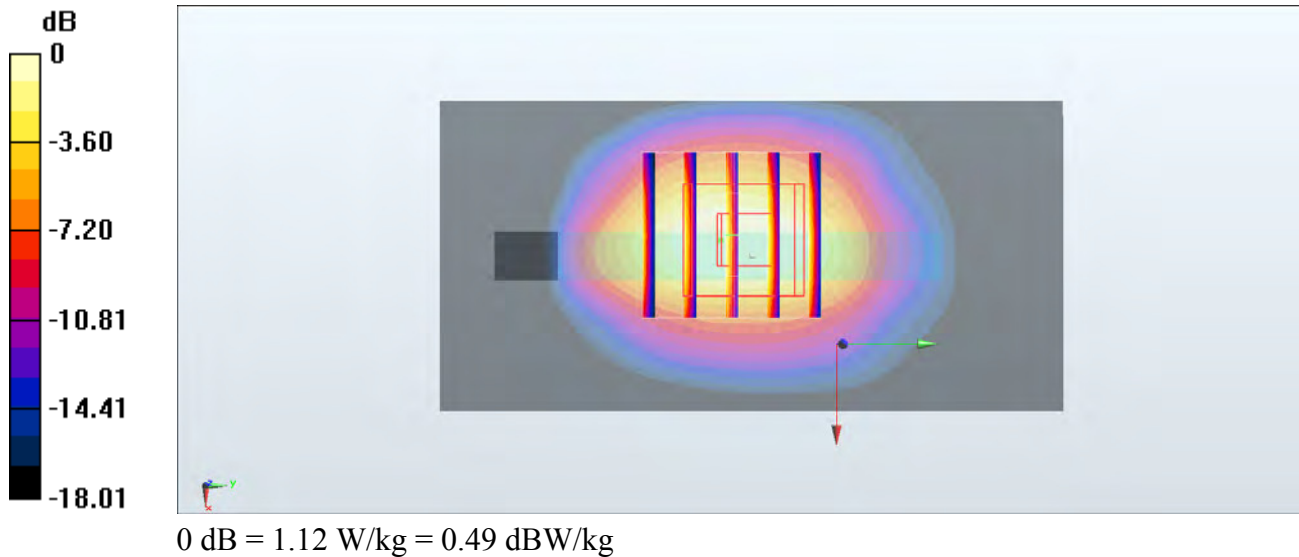
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.47 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.59 W/kg

SAR(1 g) = 0.925 W/kg; SAR(10 g) = 0.492 W/kg

Maximum value of SAR (measured) = 1.12 W/kg



#35_LTE Band 5_10M_QPSK_1_25_Left Side_5mm_Ch20525

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

Medium: MSL_850_180205 Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.939$ S/m; $\epsilon_r =$

57.066; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3169; ConvF(6.05, 6.05, 6.05); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 1.04 W/kg

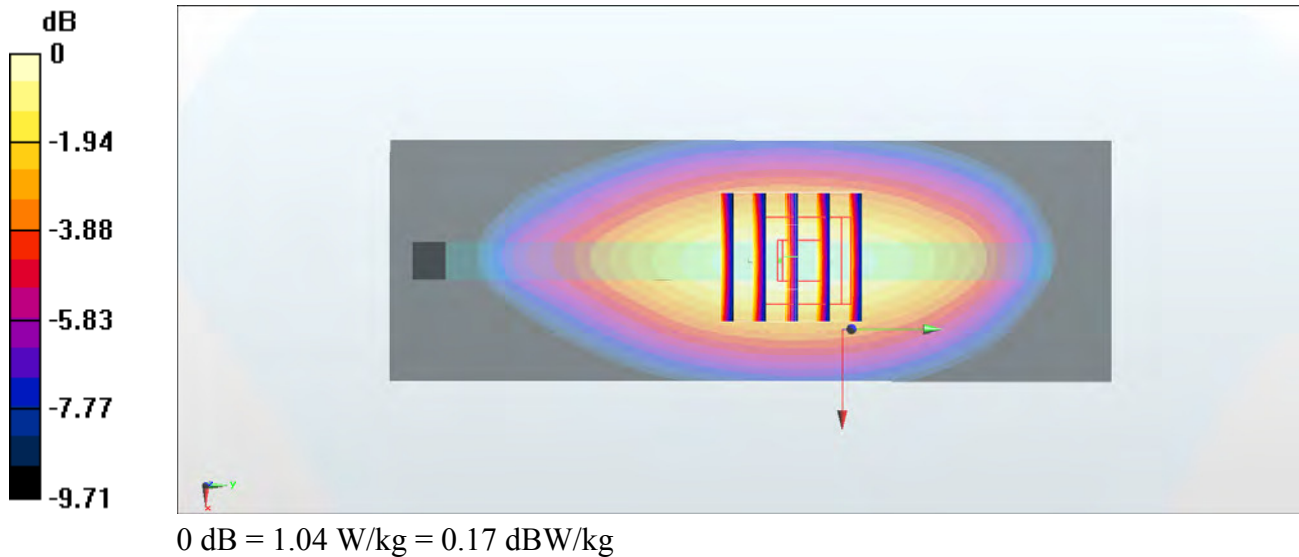
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.43 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.906 W/kg; SAR(10 g) = 0.609 W/kg

Maximum value of SAR (measured) = 1.04 W/kg



#36_LTE Band 7_20M_QPSK_50_0_Front_5mm_Ch21350

Communication System: LTE ; Frequency: 2560 MHz;Duty Cycle: 1:1

Medium: MSL_2600_180125 Medium parameters used: $f = 2560$ MHz; $\sigma = 2.095$ S/m; $\epsilon_r = 54.379$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(7.45, 7.45, 7.45); Calibrated: 2017/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (81x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

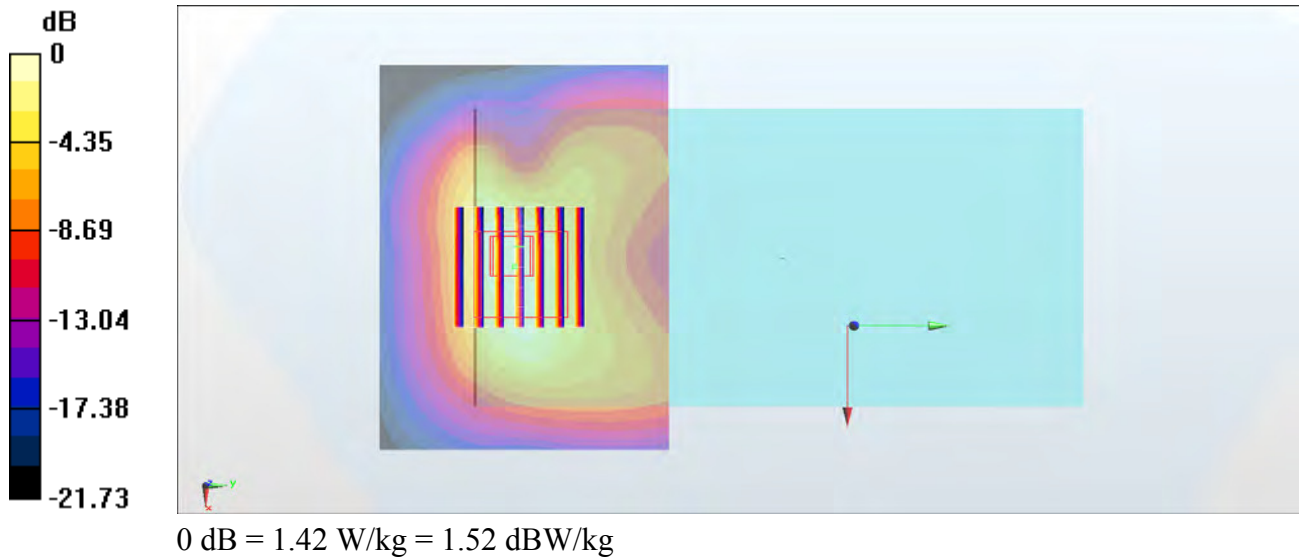
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.95 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.82 W/kg

SAR(1 g) = 0.863 W/kg; SAR(10 g) = 0.416 W/kg

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



#37_LTE Band 12_10M_QPSK_1_25_Back_5mm_Ch23095

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

Medium: MSL_750_180114 Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.928$ S/m; $\epsilon_r = 54.099$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7306; ConvF(10.09, 10.09, 10.09); Calibrated: 2017/7/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x101x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.654 W/kg

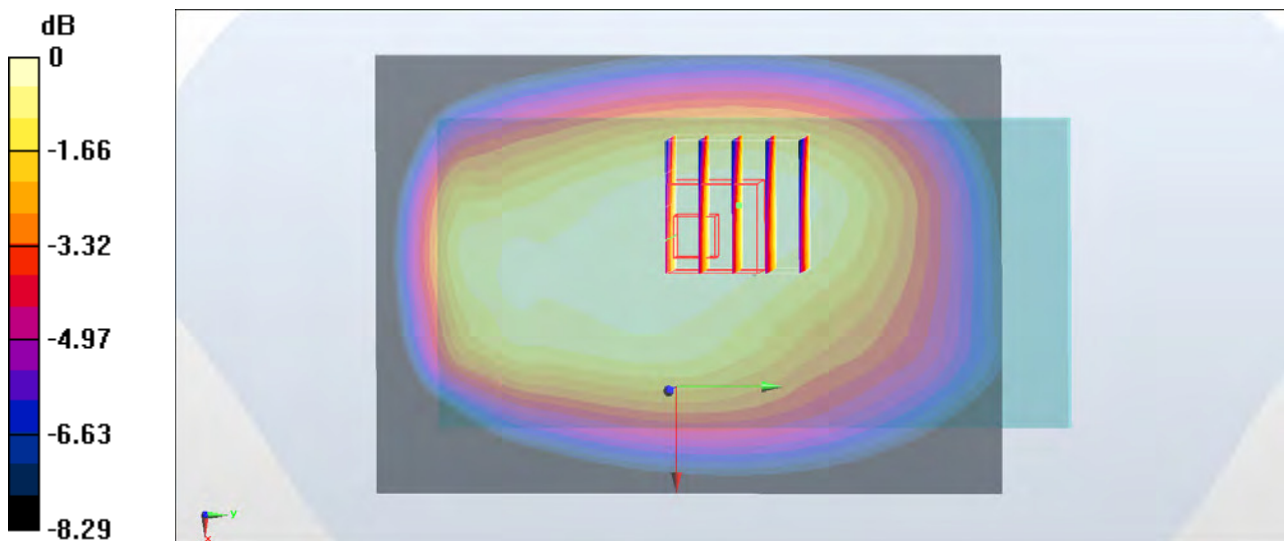
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 26.50 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.705 W/kg

SAR(1 g) = 0.562 W/kg; SAR(10 g) = 0.444 W/kg

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



#38_LTE Band 13_10M_QPSK_1_25_Back_5mm_Ch23230

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

Medium: MSL_750_180114 Medium parameters used: $f = 782$ MHz; $\sigma = 0.998$ S/m; $\epsilon_r = 53.391$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7306; ConvF(10.09, 10.09, 10.09); Calibrated: 2017/7/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x101x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 1.26 W/kg

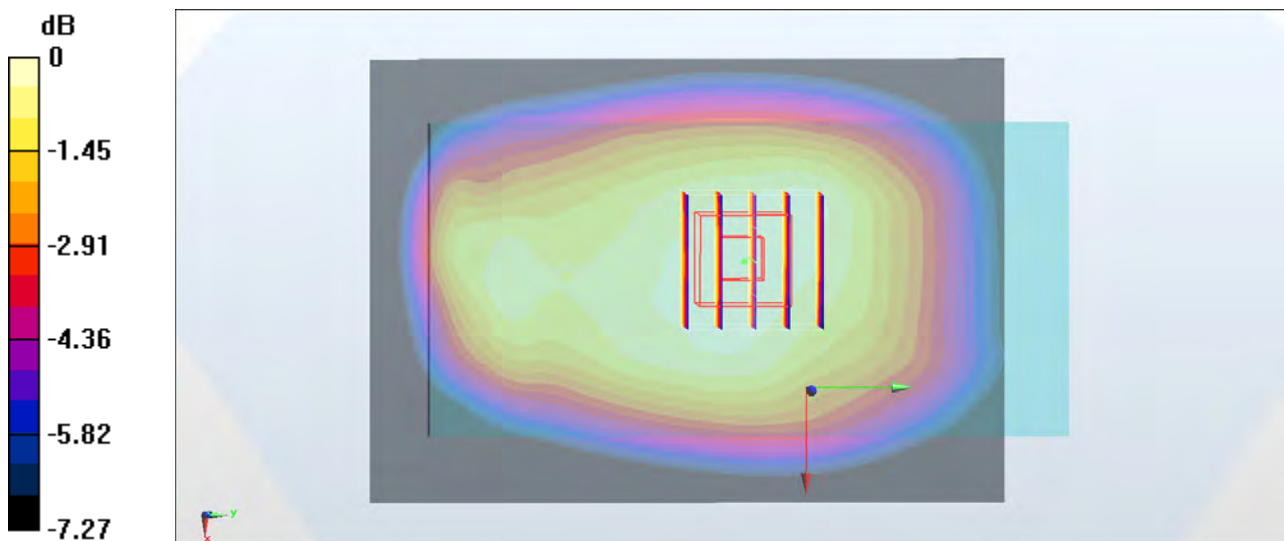
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 33.83 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.855 W/kg

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



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

#39_LTE Band 25_20M_QPSK_1_49_Bottom Side_5mm_Ch26340

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

Medium: MSL_1900_180203 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.529$ S/m; $\epsilon_r = 51.783$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3169; ConvF(4.72, 4.72, 4.72); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 1.26 W/kg

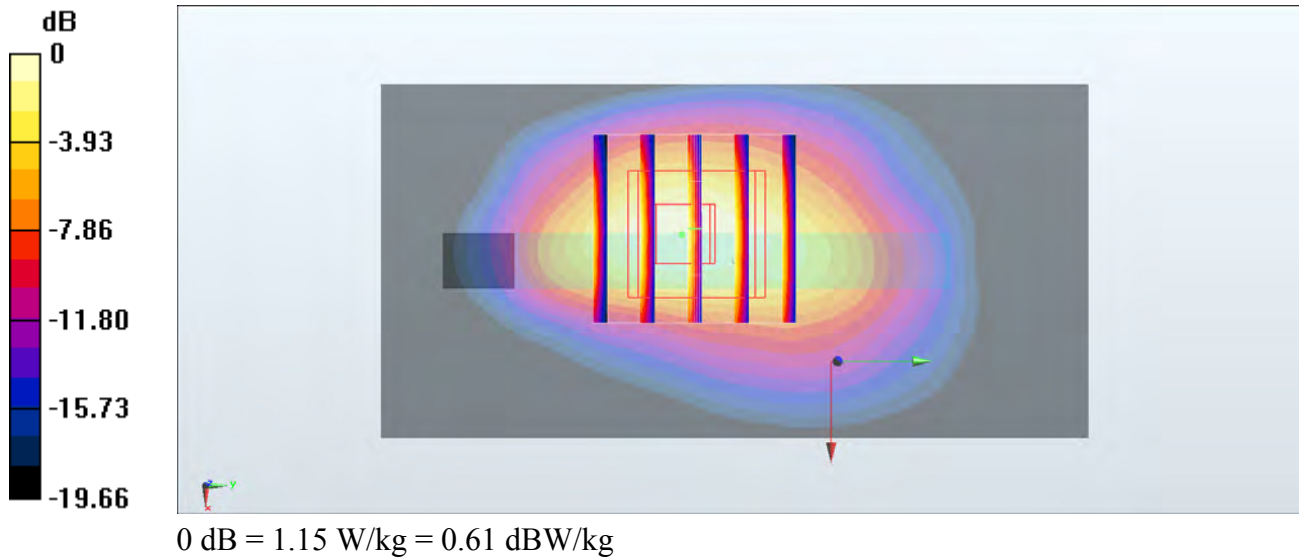
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.94 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.69 W/kg

SAR(1 g) = 0.904 W/kg; SAR(10 g) = 0.449 W/kg

Maximum value of SAR (measured) = 1.15 W/kg



#40_LTE Band 26_15M_QPSK_1_37_Left Side_5mm_Ch26865

Communication System: LTE ; Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium: MSL_850_180205 Medium parameters used : $f = 831.5$ MHz; $\sigma = 0.934$ S/m; $\epsilon_r = 57.109$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3169; ConvF(6.05, 6.05, 6.05); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 1.21 W/kg

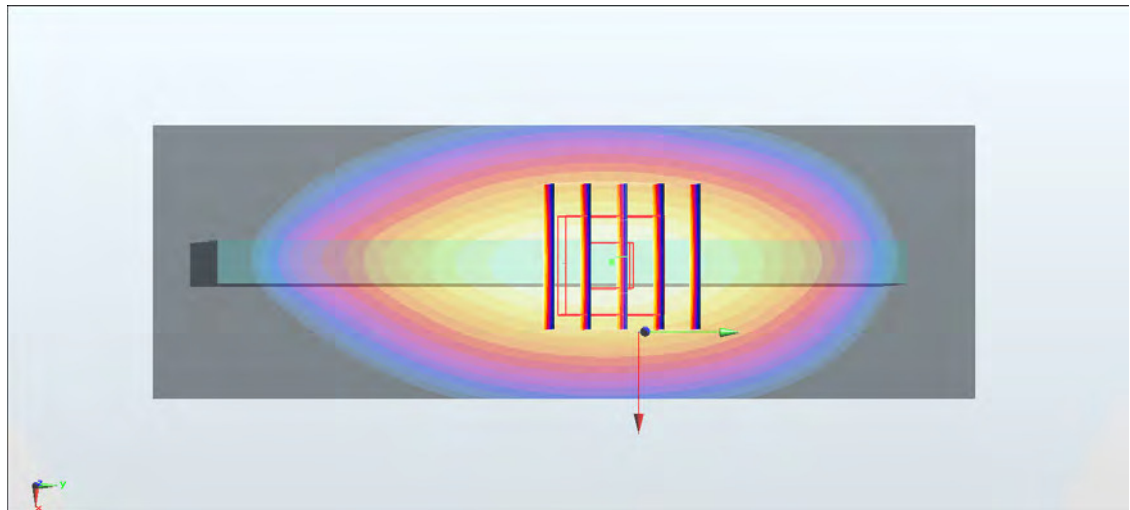
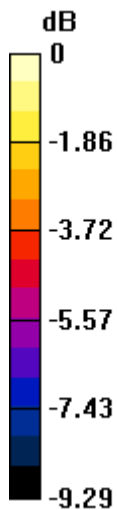
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.25 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.950 W/kg; SAR(10 g) = 0.648 W/kg

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



0 dB = 1.09 W/kg = 0.37 dBW/kg

#41_LTE Band 30_10M_QPSK_1_25_Back_5mm_Ch27710

Communication System: LTE ; Frequency: 2310 MHz;Duty Cycle: 1:1

Medium: MSL_2300_180206 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.824$ S/m; $\epsilon_r = 53.682$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3578; ConvF(7.67, 7.67, 7.67); Calibrated: 2017/5/5;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 2017/8/10
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (91x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

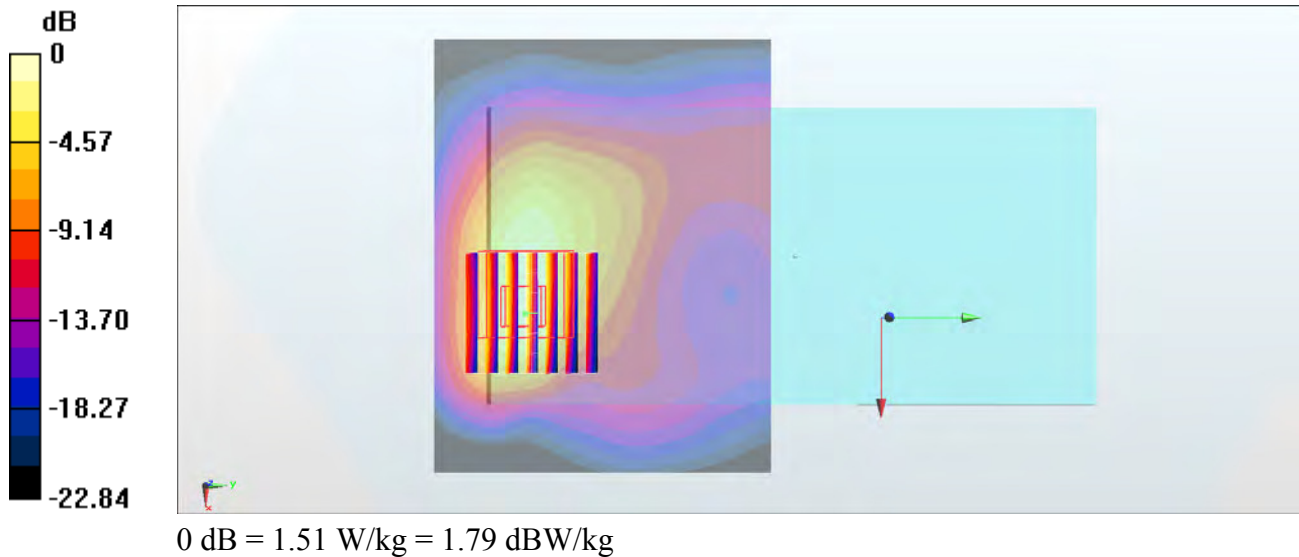
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.30 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.87 W/kg

SAR(1 g) = 0.897 W/kg; SAR(10 g) = 0.430 W/kg

Maximum value of SAR (measured) = 1.51 W/kg



#42_LTE Band 66_20M_QPSK_1_49_Back_5mm_Ch132572

Communication System: LTE; Frequency: 1770 MHz; Duty Cycle: 1:1

Medium: MSL_1750_180204 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.477$ S/m; $\epsilon_r = 52.863$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3169; ConvF(4.95, 4.95, 4.95); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.935 W/kg

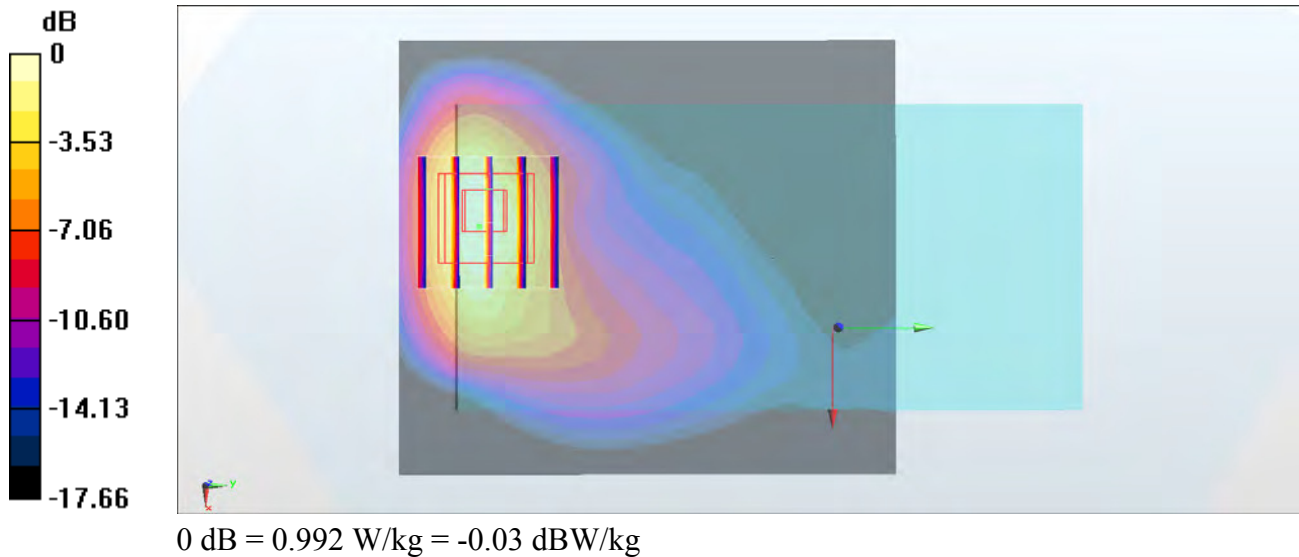
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.22 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.793 W/kg; SAR(10 g) = 0.403 W/kg

Maximum value of SAR (measured) = 0.992 W/kg



#43_LTE Band 41_20M_QPSK_1_49_Front_5mm_Ch41490

Communication System: LTE; Frequency: 2680 MHz; Duty Cycle: 1:1.59

Medium: MSL_2600_180125 Medium parameters used: $f = 2680$ MHz; $\sigma = 2.261$ S/m; $\epsilon_r = 53.933$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(7.45, 7.45, 7.45); Calibrated: 2017/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1796
- 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) = 1.63 W/kg

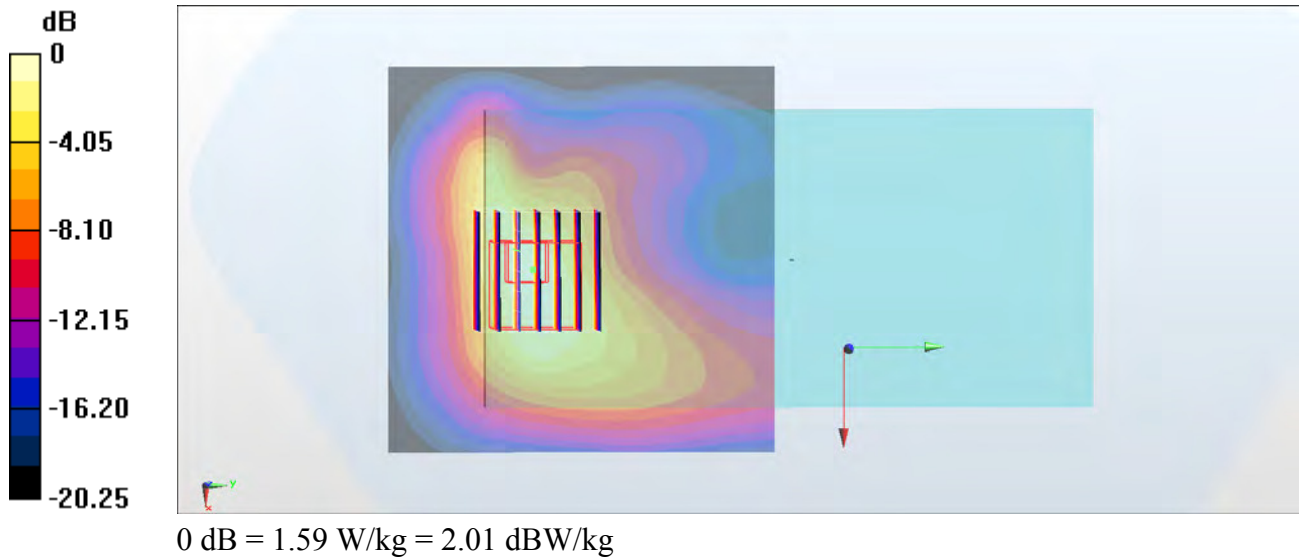
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.91 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 2.15 W/kg

SAR(1 g) = 0.942 W/kg; SAR(10 g) = 0.442 W/kg

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



#44_WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ch1

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1.024

Medium: MSL_2450_180120 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.934$ S/m; $\epsilon_r = 54.969$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(4.28, 4.28, 4.28); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.28 W/kg

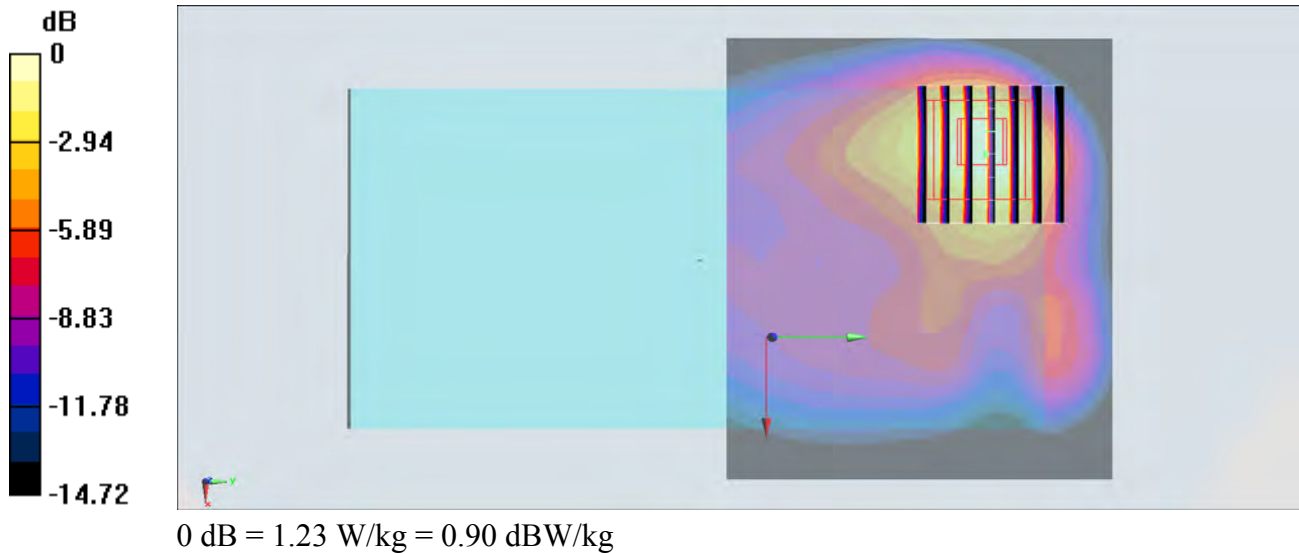
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.32 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.03 W/kg

SAR(1 g) = 0.930 W/kg; SAR(10 g) = 0.428 W/kg

Maximum value of SAR (measured) = 1.23 W/kg



#45_WLAN5GHz_802.11a 6Mbps_Top Side_5mm_Ch165

Communication System: 802.11a; Frequency: 5825 MHz; Duty Cycle: 1:1.146

Medium: MSL_5G_180121 Medium parameters used: $f = 5825$ MHz; $\sigma = 6.325$ S/m; $\epsilon_r = 46.351$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(4.32, 4.32, 4.32); Calibrated: 2017/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (41x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.84 W/kg

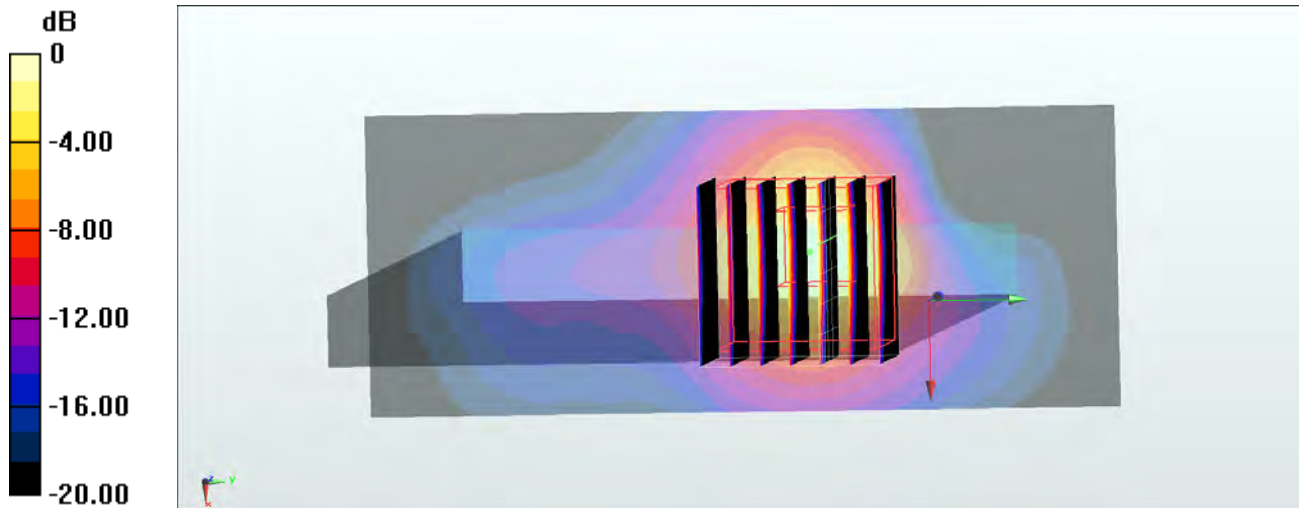
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.563 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 5.61 W/kg

SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.269 W/kg

Maximum value of SAR (measured) = 2.92 W/kg



0 dB = 2.92 W/kg = 4.65 dBW/kg

#46_Bluetooth_1Mbps_Back_5mm_Ch00

Communication System: Bluetooth; Frequency: 2402 MHz; Duty Cycle: 1:1.297

Medium: MSL_2450_180105 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.942$ S/m; $\epsilon_r = 54.063$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(7.73, 7.73, 7.73); 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:1815
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (81x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.183 W/kg

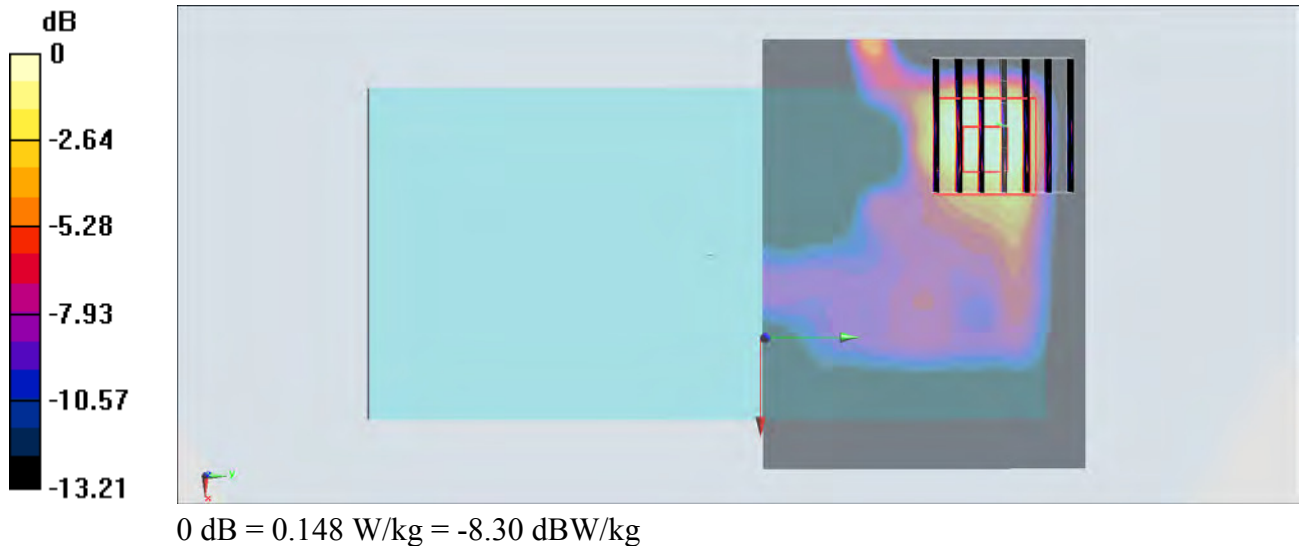
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.200 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.273 W/kg

SAR(1 g) = 0.066 W/kg; SAR(10 g) = 0.023 W/kg

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



#47_GSM850_GPRS (4 Tx slots)_Back_5mm_Ch189

Communication System: GSM850 ; Frequency: 836.4 MHz; Duty Cycle: 1:2.08

Medium: MSL_850_180205 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.939$ S/m; $\epsilon_r = 57.066$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3169; ConvF(6.05, 6.05, 6.05); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.720 W/kg

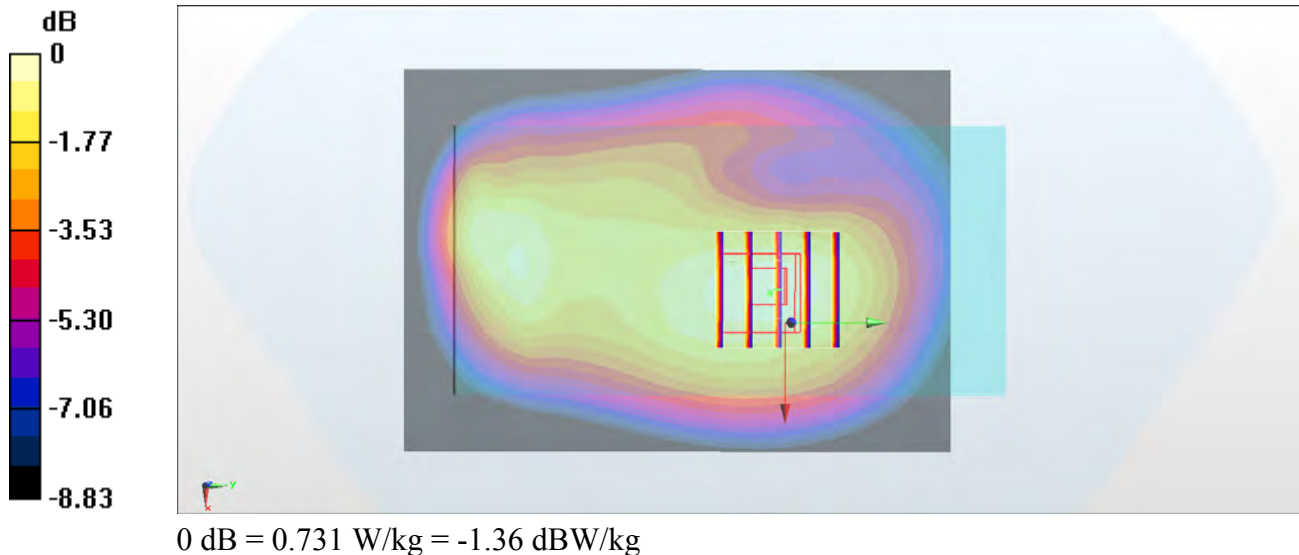
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.14 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.865 W/kg

SAR(1 g) = 0.652 W/kg; SAR(10 g) = 0.475 W/kg

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



#48_GSM1900_GPRS (4 Tx slots)_**Back**_5mm_Ch512

Communication System: PCS ; Frequency: 1850.2 MHz; Duty Cycle: 1:2.08

Medium: MSL_1900_180207 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.475$ S/m; $\epsilon_r = 51.471$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3169; ConvF(4.72, 4.72, 4.72); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.658 W/kg

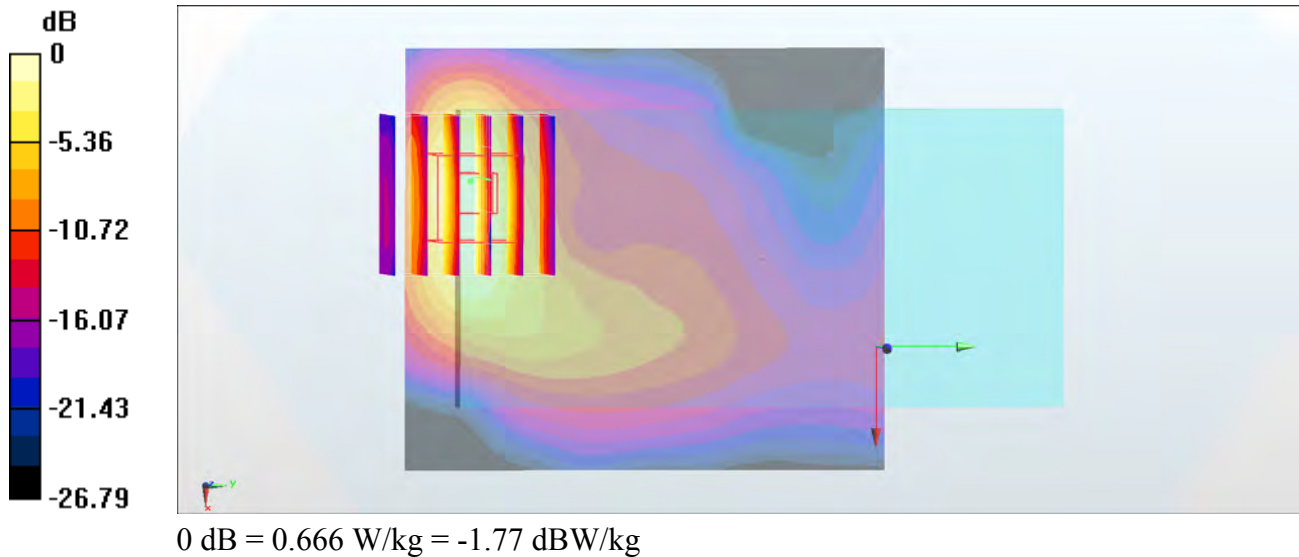
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.60 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.00 W/kg

SAR(1 g) = 0.507 W/kg; SAR(10 g) = 0.246 W/kg

Maximum value of SAR (measured) = 0.666 W/kg



#49_WCDMA II_RMC 12.2Kbps_Back_5mm_Ch9262

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

Medium: MSL_1900_180203 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.499$ S/m; $\epsilon_r = 51.863$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3169; ConvF(4.72, 4.72, 4.72); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.852 W/kg

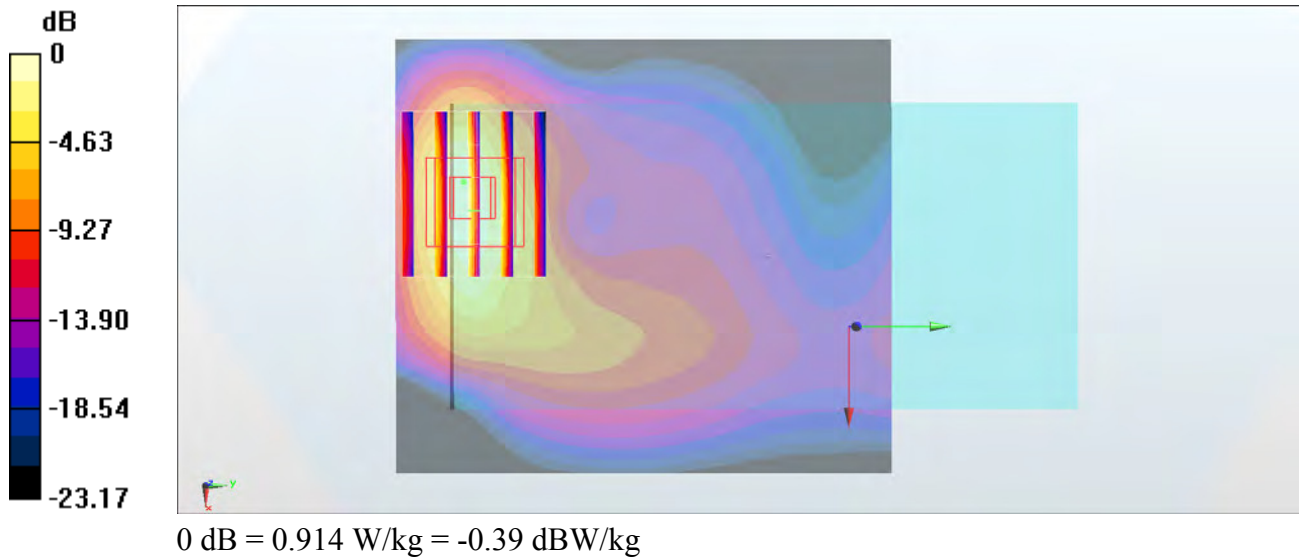
Zoom Scan (6x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.01 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.742 W/kg; SAR(10 g) = 0.355 W/kg

Maximum value of SAR (measured) = 0.914 W/kg



#50_WCDMA IV_RMC 12.2Kbps_Back_5mm_Ch1513

Communication System: WCDMA; Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: MSL_1750_180204 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.462$ S/m; $\epsilon_r = 52.929$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3169; ConvF(4.95, 4.95, 4.95); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.956 W/kg

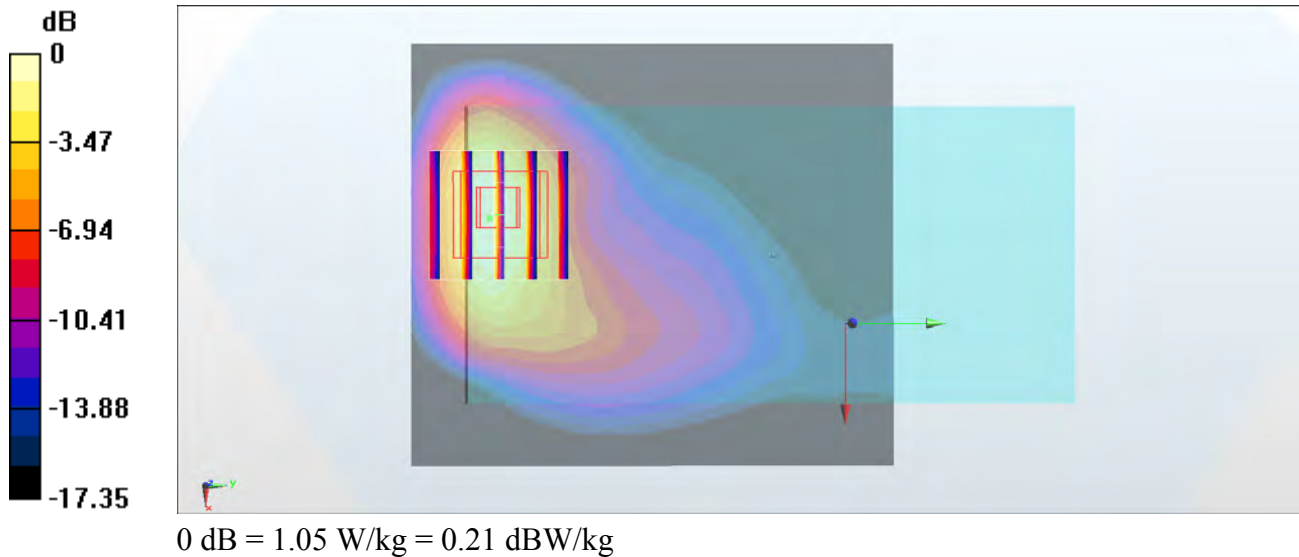
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.20 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.51 W/kg

SAR(1 g) = 0.827 W/kg; SAR(10 g) = 0.426 W/kg

Maximum value of SAR (measured) = 1.05 W/kg



#51_WCDMA V_RMC 12.2Kbps_Back_5mm_Ch4132

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

Medium: MSL_850_180205 Medium parameters used : $f = 826.4$ MHz; $\sigma = 0.93$ S/m; $\epsilon_r = 57.157$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3169; ConvF(6.05, 6.05, 6.05); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.04 W/kg

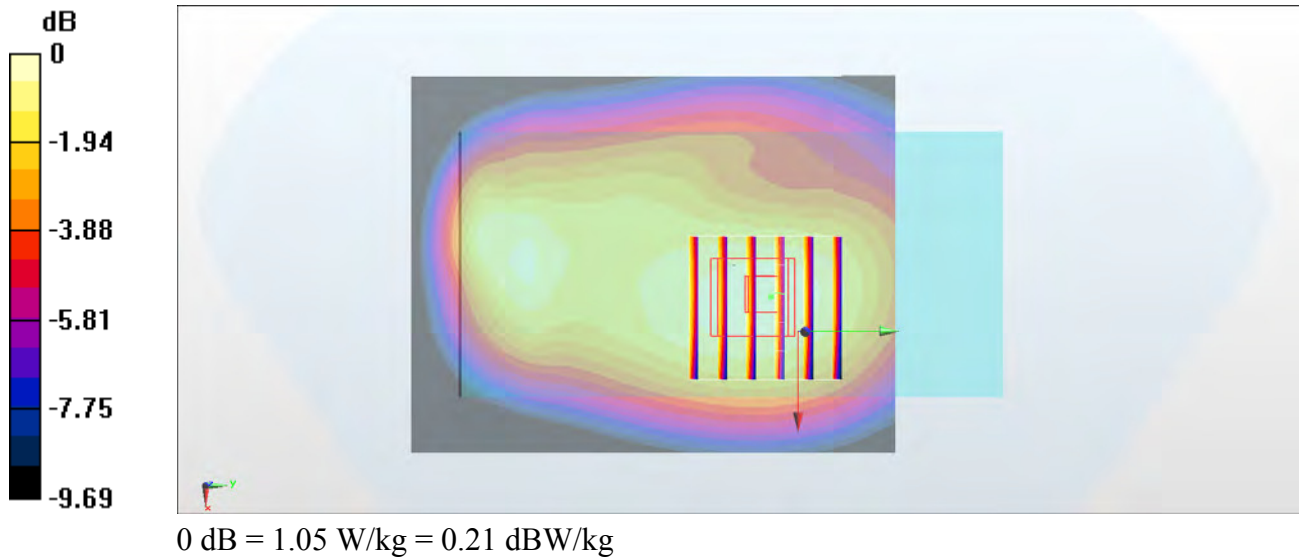
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.62 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.940 W/kg; SAR(10 g) = 0.697 W/kg

Maximum value of SAR (measured) = 1.05 W/kg



#52_CDMA BC0_1xRTT RC3 SO32_Back_5mm_Ch777

Communication System: CDMA ; Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: MSL_850_180114 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.997$ S/m; $\epsilon_r = 56.612$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7306; ConvF(9.85, 9.85, 9.85); Calibrated: 2017/7/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x101x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

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

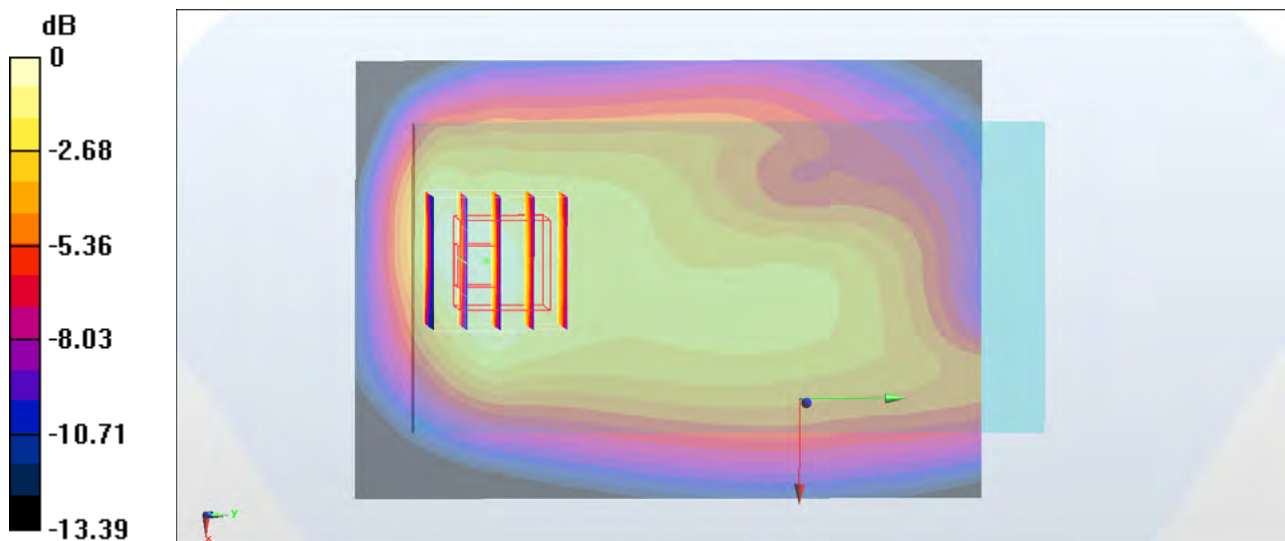
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 31.94 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.898 W/kg; SAR(10 g) = 0.590 W/kg

Maximum value of SAR (measured) = 1.20 W/kg



0 dB = 1.20 W/kg = 0.79 dBW/kg

#53_CDMA BC1_RTAP 153.6Kbps_Back_5mm_Ch25

Communication System: CDMA ; Frequency: 1851.25 MHz; Duty Cycle: 1:1

Medium: MSL_1900_180203 Medium parameters used : $f = 1851.25$ MHz; $\sigma = 1.498$ S/m; $\epsilon_r = 51.866$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3169; ConvF(4.72, 4.72, 4.72); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 1.26 W/kg

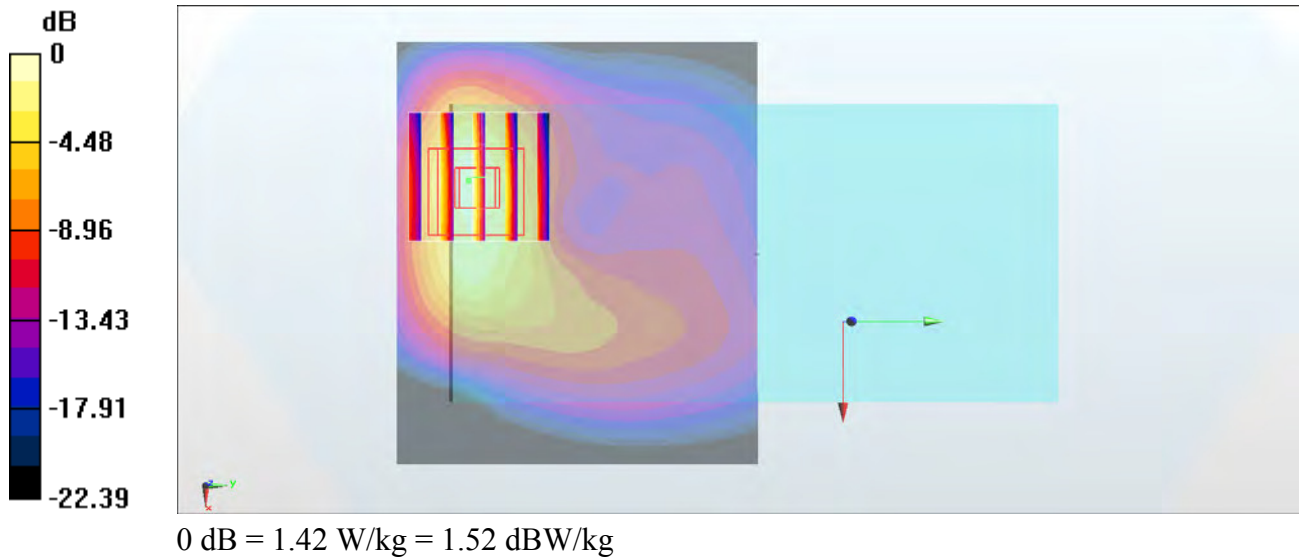
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.90 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.14 W/kg

SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.530 W/kg

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



#54_CDMA BC10_1xRTT RC3 SO32_Back_5mm_Ch580

Communication System: CDMA ; Frequency: 820.5 MHz; Duty Cycle: 1:1

Medium: MSL_850_180114 Medium parameters used: $f = 820.5$ MHz; $\sigma = 0.968$ S/m; $\epsilon_r = 56.791$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7306; ConvF(9.85, 9.85, 9.85); Calibrated: 2017/7/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x101x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 1.12 W/kg

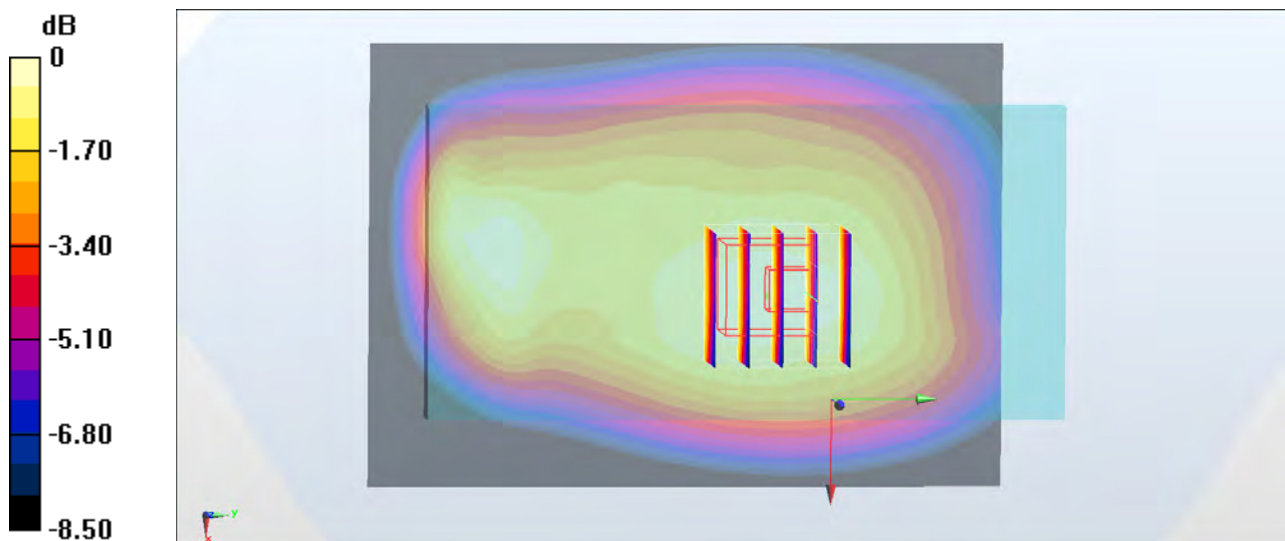
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 32.01 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.30 W/kg

SAR(1 g) = 0.902 W/kg; SAR(10 g) = 0.682 W/kg

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



0 dB = 1.16 W/kg = 0.64 dBW/kg

#55_LTE Band 2_20M_QPSK_1_0_Back_5mm_Ch19100

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

Medium: MSL_1900_180203 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.552$ S/m; $\epsilon_r = 51.699$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3169; ConvF(4.72, 4.72, 4.72); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

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

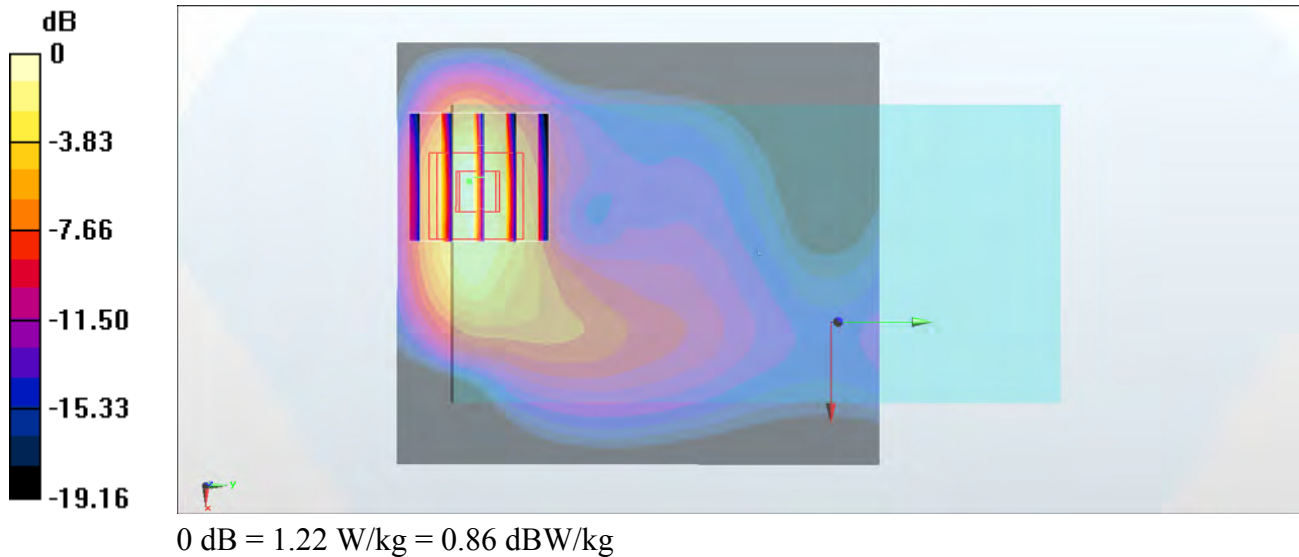
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.92 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.83 W/kg

SAR(1 g) = 0.918 W/kg; SAR(10 g) = 0.456 W/kg

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



#56_LTE Band 4_20M_QPSK_1_49_Back_5mm_Ch20175

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

Medium: MSL_1750_180204 Medium parameters used : $f = 1732.5$ MHz; $\sigma = 1.444$ S/m; $\epsilon_r = 52.988$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3169; ConvF(4.95, 4.95, 4.95); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

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

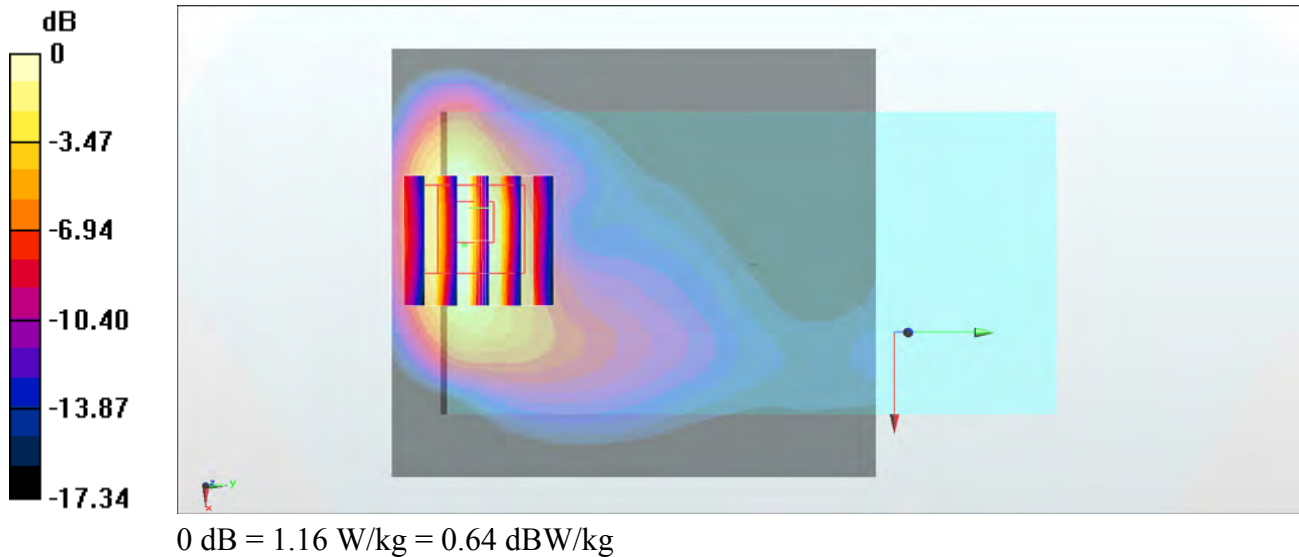
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.55 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.64 W/kg

SAR(1 g) = 0.916 W/kg; SAR(10 g) = 0.474 W/kg

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



#57_LTE Band 5_10M_QPSK_1_25_Back_5mm_Ch20525

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

Medium: MSL_850_180205 Medium parameters used : $f = 836.5$ MHz; $\sigma = 0.939$ S/m; $\epsilon_r = 57.066$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3169; ConvF(6.05, 6.05, 6.05); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

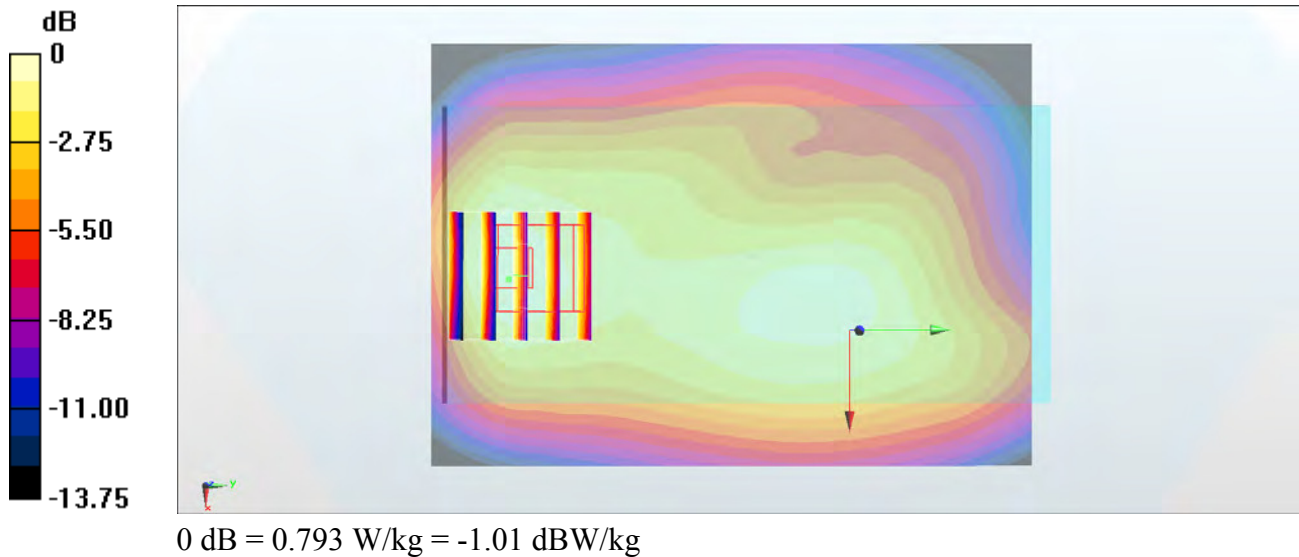
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.53 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.03 W/kg

SAR(1 g) = 0.693 W/kg; SAR(10 g) = 0.463 W/kg

Maximum value of SAR (measured) = 0.793 W/kg



#58_LTE Band 7_20M_QPSK_50_0_Front_5mm_Ch21350

Communication System: LTE ; Frequency: 2560 MHz;Duty Cycle: 1:1

Medium: MSL_2600_180125 Medium parameters used: $f = 2560$ MHz; $\sigma = 2.095$ S/m; $\epsilon_r = 54.379$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(7.45, 7.45, 7.45); Calibrated: 2017/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (81x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

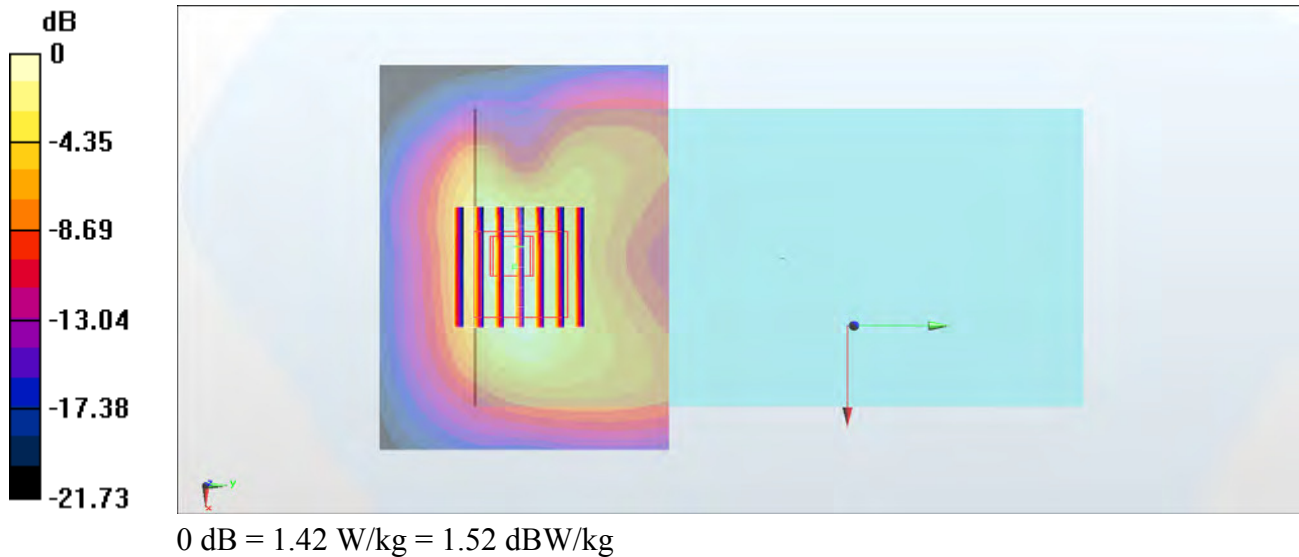
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.95 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.82 W/kg

SAR(1 g) = 0.863 W/kg; SAR(10 g) = 0.416 W/kg

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



#59_LTE Band 12_10M_QPSK_1_25_Back_5mm_Ch23095

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

Medium: MSL_750_180114 Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.928$ S/m; $\epsilon_r = 54.099$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7306; ConvF(10.09, 10.09, 10.09); Calibrated: 2017/7/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x101x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 0.654 W/kg

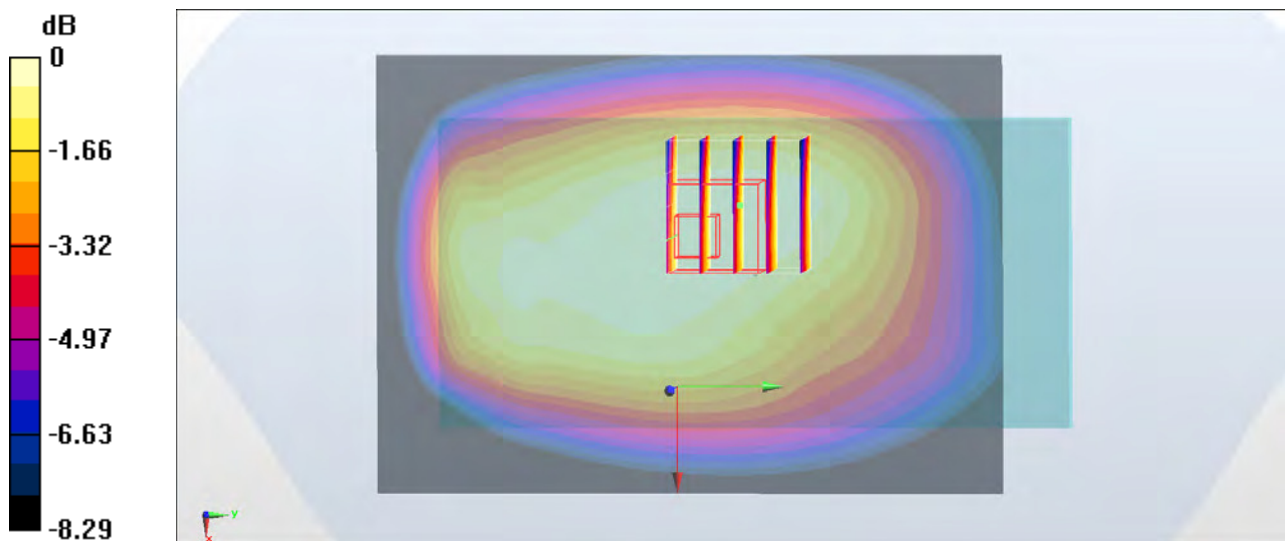
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 26.50 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.705 W/kg

SAR(1 g) = 0.562 W/kg; SAR(10 g) = 0.444 W/kg

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



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

#60_LTE Band 13_10M_QPSK_1_25_Back_5mm_Ch23230

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

Medium: MSL_750_180114 Medium parameters used: $f = 782$ MHz; $\sigma = 0.998$ S/m; $\epsilon_r = 53.391$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7306; ConvF(10.09, 10.09, 10.09); Calibrated: 2017/7/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (71x101x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 1.26 W/kg

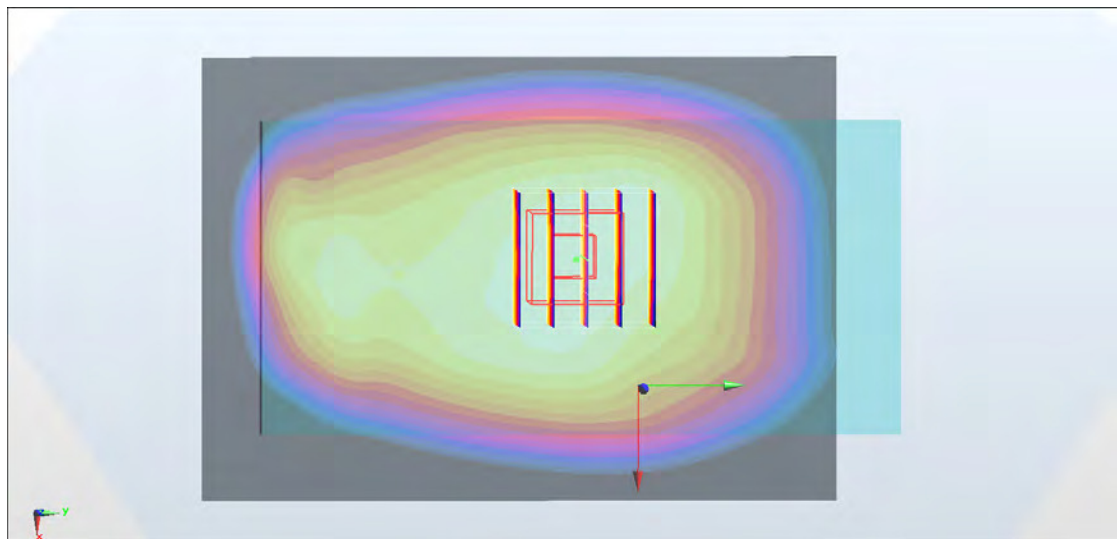
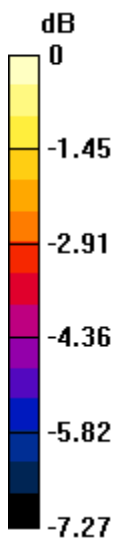
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 33.83 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.855 W/kg

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



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

#61_LTE Band 25_20M_QPSK_1_49_Back_5mm_Ch26340

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

Medium: MSL_1900_180203 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.529$ S/m; $\epsilon_r = 51.783$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3169; ConvF(4.72, 4.72, 4.72); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.930 W/kg

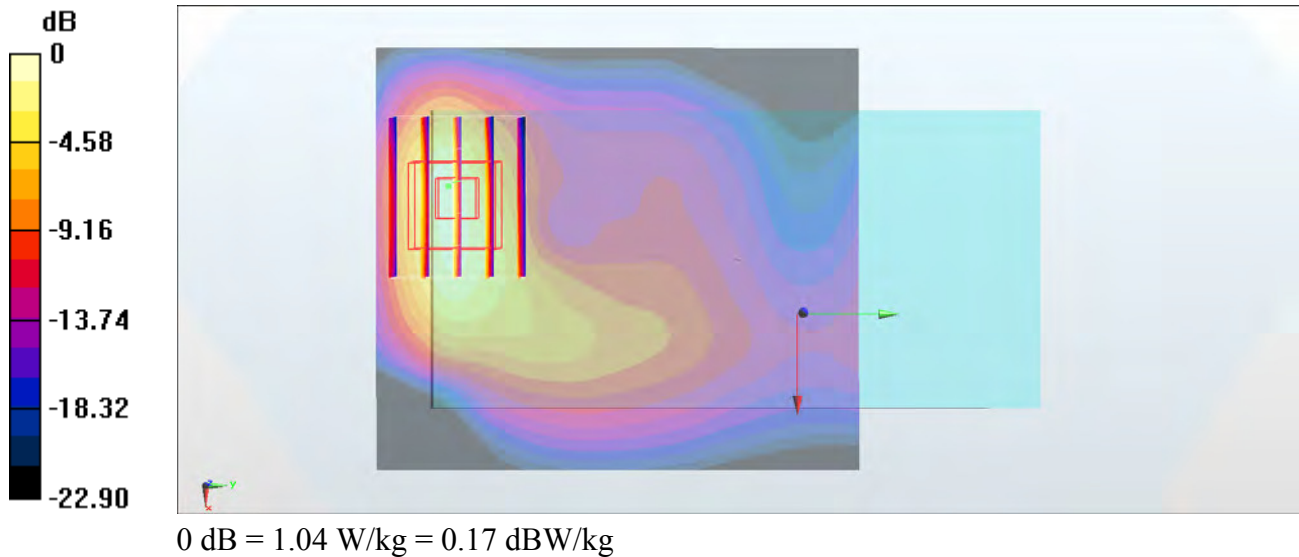
Zoom Scan (6x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.48 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.59 W/kg

SAR(1 g) = 0.821 W/kg; SAR(10 g) = 0.390 W/kg

Maximum value of SAR (measured) = 1.04 W/kg



#62_LTE Band 26_15M_QPSK_1_37_Back_5mm_Ch26865

Communication System: LTE ; Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium: MSL_850_180205 Medium parameters used : $f = 831.5$ MHz; $\sigma = 0.934$ S/m; $\epsilon_r = 57.109$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3169; ConvF(6.05, 6.05, 6.05); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.909 W/kg

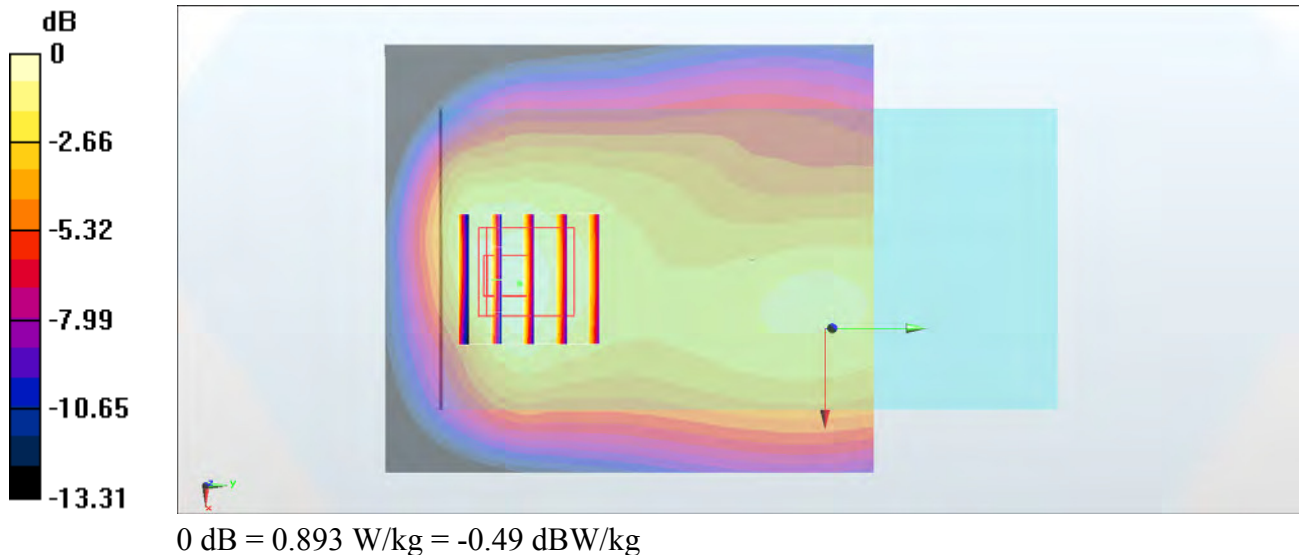
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.56 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.769 W/kg; SAR(10 g) = 0.503 W/kg

Maximum value of SAR (measured) = 0.893 W/kg



#63_LTE Band 30_10M_QPSK_1_25_Back_5mm_Ch27710

Communication System: LTE ; Frequency: 2310 MHz;Duty Cycle: 1:1

Medium: MSL_2300_180206 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.824$ S/m; $\epsilon_r = 53.682$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3578; ConvF(7.67, 7.67, 7.67); Calibrated: 2017/5/5;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn393; Calibrated: 2017/8/10
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (91x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

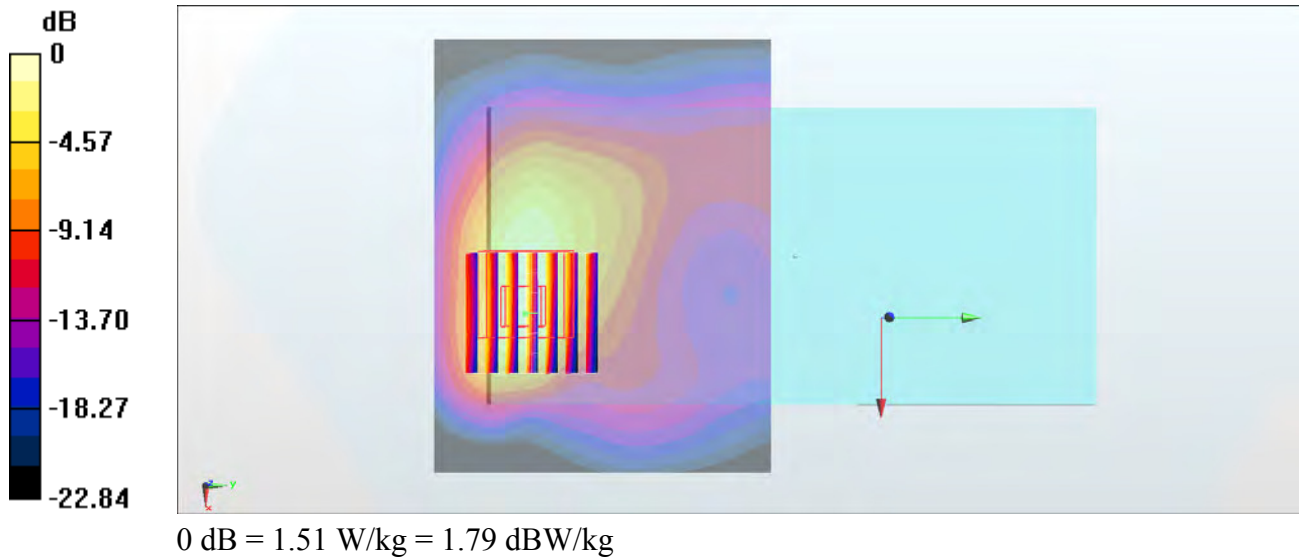
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.30 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.87 W/kg

SAR(1 g) = 0.897 W/kg; SAR(10 g) = 0.430 W/kg

Maximum value of SAR (measured) = 1.51 W/kg



#64_LTE Band 66_20M_QPSK_1_49_Back_5mm_Ch132572

Communication System: LTE; Frequency: 1770 MHz; Duty Cycle: 1:1

Medium: MSL_1750_180204 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.477$ S/m; $\epsilon_r = 52.863$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3169; ConvF(4.95, 4.95, 4.95); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.935 W/kg

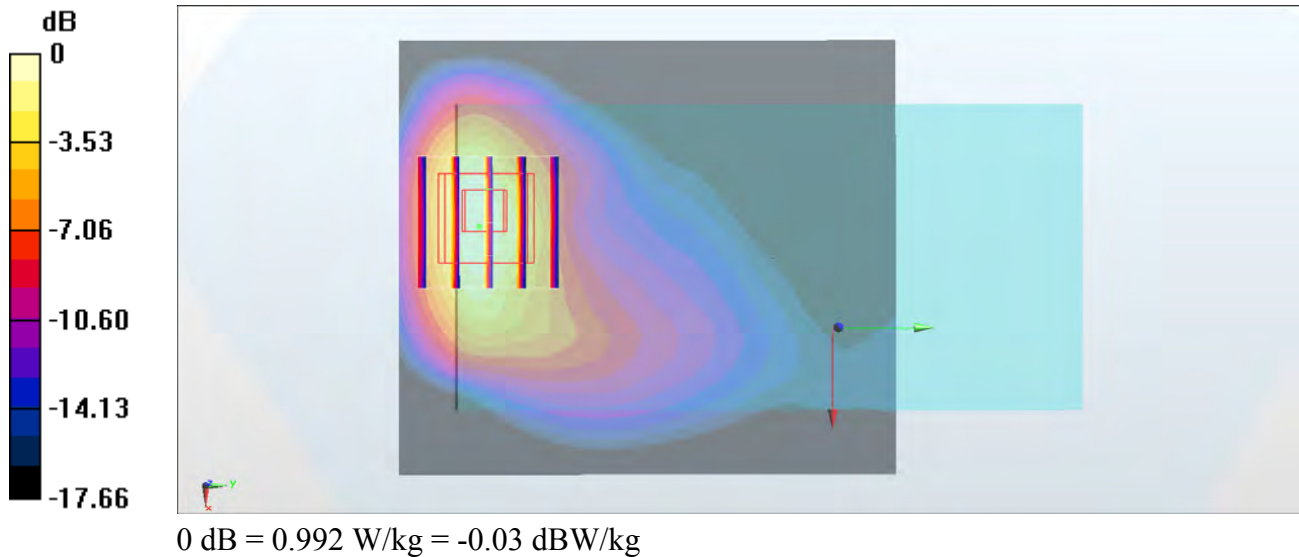
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.22 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.793 W/kg; SAR(10 g) = 0.403 W/kg

Maximum value of SAR (measured) = 0.992 W/kg



#65_LTE Band 41_20M_QPSK_1_49_Front_5mm_Ch41490

Communication System: LTE; Frequency: 2680 MHz; Duty Cycle: 1:1.59

Medium: MSL_2600_180125 Medium parameters used: $f = 2680$ MHz; $\sigma = 2.261$ S/m; $\epsilon_r = 53.933$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(7.45, 7.45, 7.45); Calibrated: 2017/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1796
- 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) = 1.63 W/kg

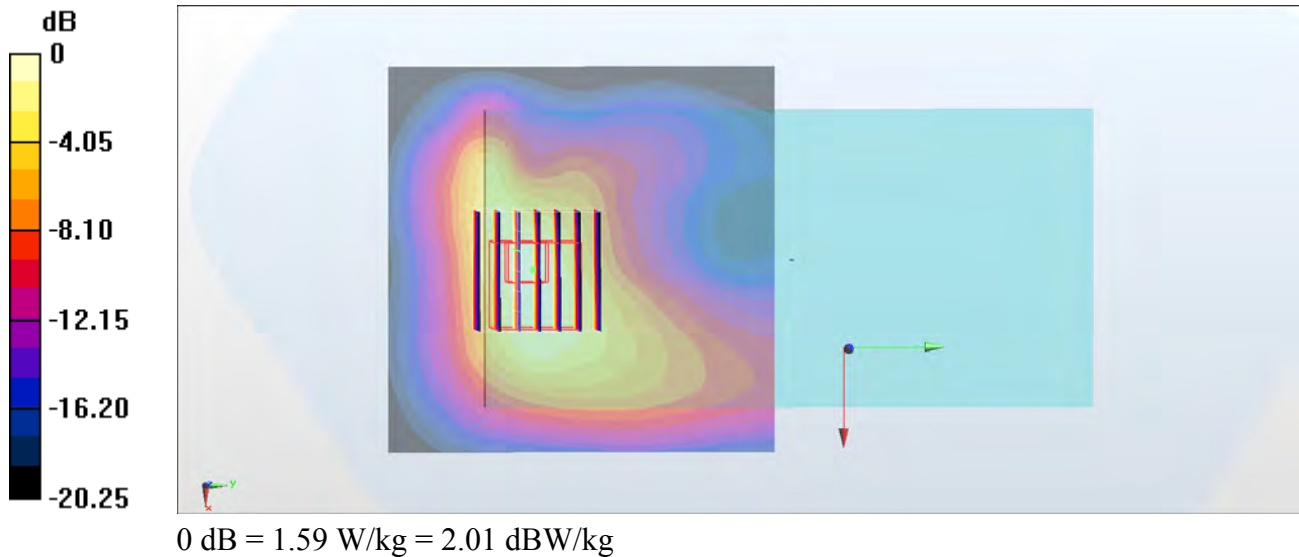
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.91 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 2.15 W/kg

SAR(1 g) = 0.942 W/kg; SAR(10 g) = 0.442 W/kg

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



#66_WLAN2.4GHz_802.11b 1Mbps_Back_5mm_Ch1

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1.024

Medium: MSL_2450_180120 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.934$ S/m; $\epsilon_r = 54.969$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(4.28, 4.28, 4.28); Calibrated: 2017/5/11;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (81x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.28 W/kg

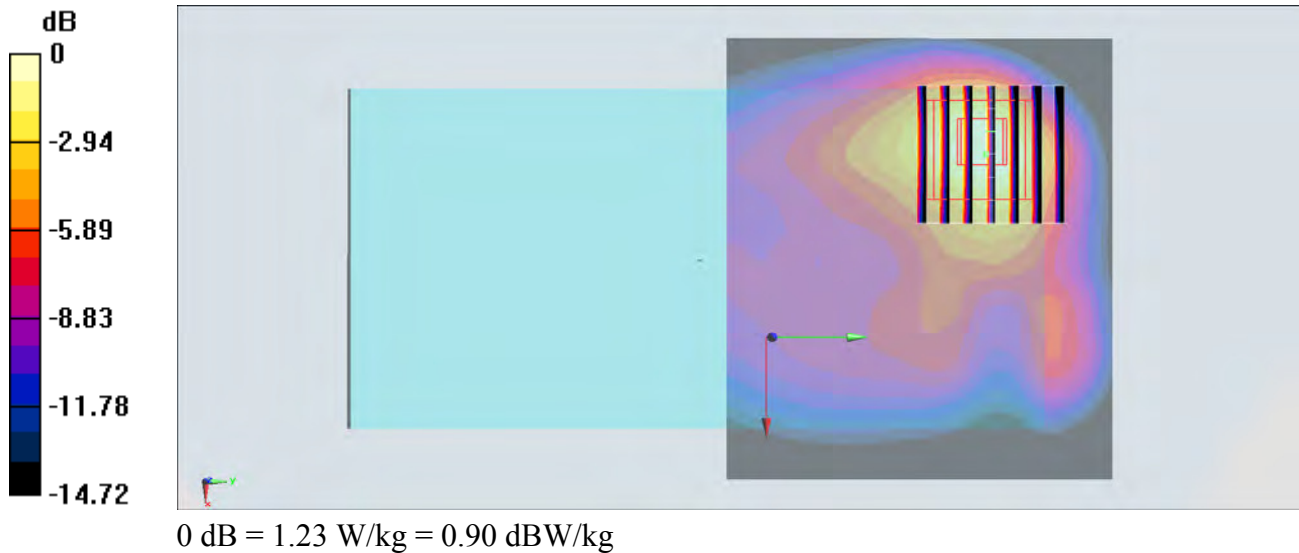
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.32 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.03 W/kg

SAR(1 g) = 0.930 W/kg; SAR(10 g) = 0.428 W/kg

Maximum value of SAR (measured) = 1.23 W/kg



#67_WLAN5GHz_802.11a 6Mbps_Back_5mm_Ch60

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1.146

Medium: MSL_5G_180121 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.605$ S/m; $\epsilon_r = 47.258$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(4.7, 4.7, 4.7); Calibrated: 2017/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 2.04 W/kg

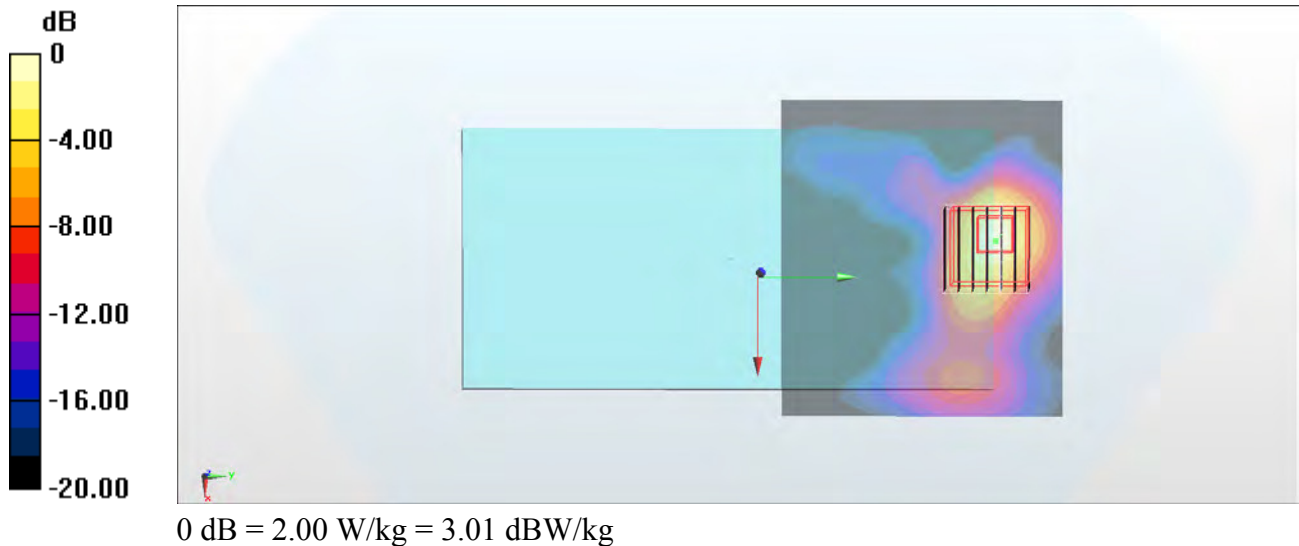
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.811 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 3.53 W/kg

SAR(1 g) = 0.790 W/kg; SAR(10 g) = 0.223 W/kg

Maximum value of SAR (measured) = 2.00 W/kg



#68_WLAN5GHz_802.11a 6Mbps_Back_5mm_Ch124

Communication System: 802.11a; Frequency: 5620 MHz; Duty Cycle: 1:1.146

Medium: MSL_5G_180121 Medium parameters used: $f = 5620$ MHz; $\sigma = 6.038$ S/m; $\epsilon_r = 46.701$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(3.99, 3.99, 3.99); Calibrated: 2017/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

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

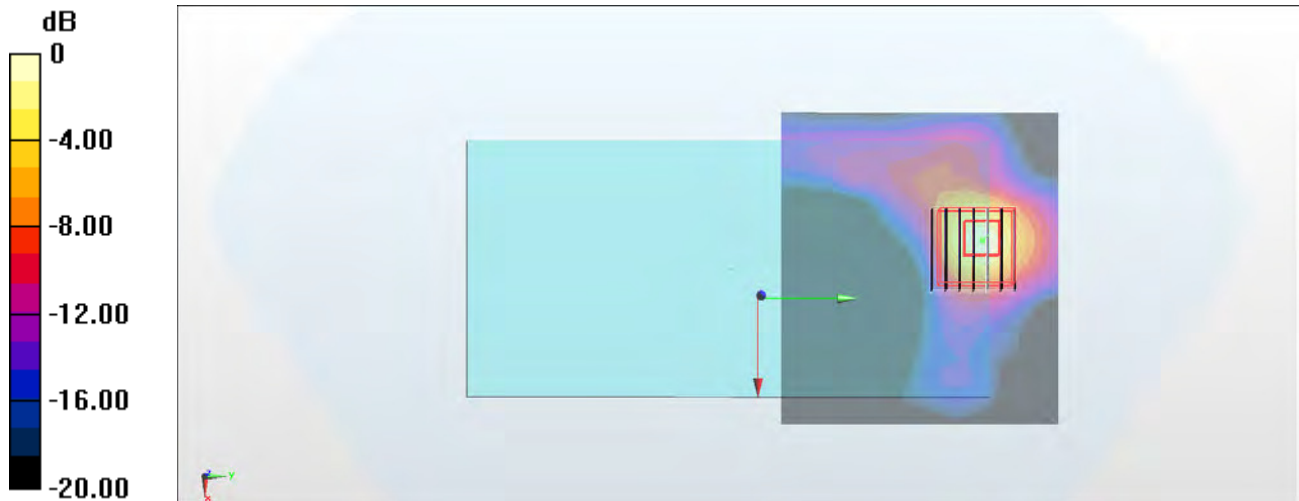
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 12.79 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 3.79 W/kg

SAR(1 g) = 0.793 W/kg; SAR(10 g) = 0.206 W/kg

Maximum value of SAR (measured) = 2.08 W/kg



0 dB = 2.08 W/kg = 3.18 dBW/kg

#69_WLAN5GHz_802.11a 6Mbps_Back_5mm_Ch165

Communication System: 802.11a; Frequency: 5825 MHz; Duty Cycle: 1:1.146

Medium: MSL_5G_180121 Medium parameters used: $f = 5825$ MHz; $\sigma = 6.325$ S/m; $\epsilon_r = 46.351$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(4.32, 4.32, 4.32); Calibrated: 2017/9/29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 2.05 W/kg

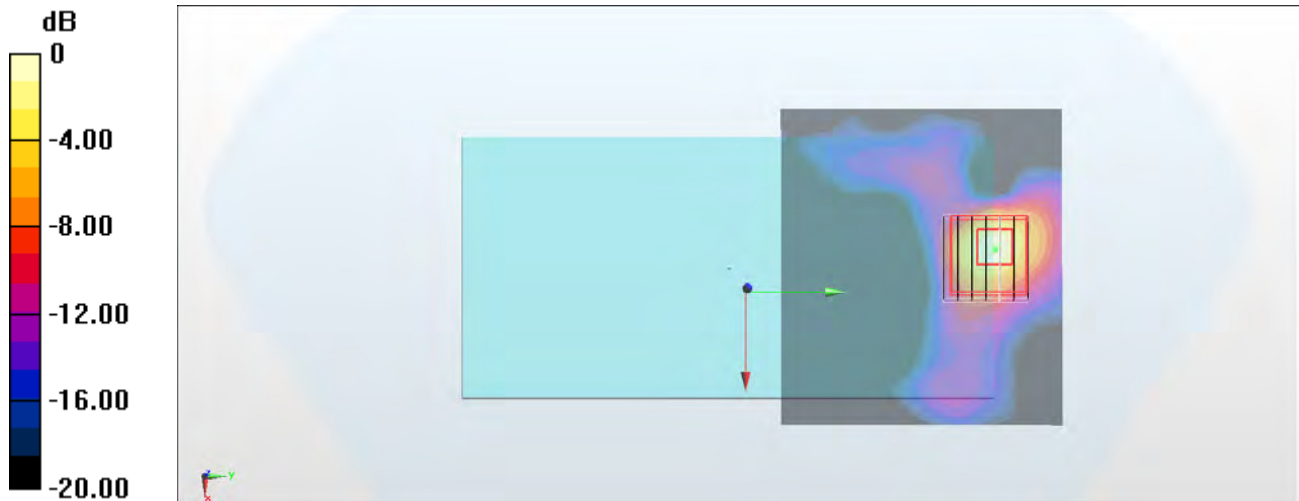
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

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

Peak SAR (extrapolated) = 3.93 W/kg

SAR(1 g) = 0.736 W/kg; SAR(10 g) = 0.183 W/kg

Maximum value of SAR (measured) = 2.04 W/kg



0 dB = 2.04 W/kg = 3.10 dBW/kg

#70_Bluetooth_1Mbps_Back_5mm_Ch00

Communication System: Bluetooth; Frequency: 2402 MHz; Duty Cycle: 1:1.279

Medium: MSL_2450_180105 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.942$ S/m; $\epsilon_r = 54.063$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7306; ConvF(7.73, 7.73, 7.73); 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:1815
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (81x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.183 W/kg

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

Reference Value = 4.200 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.273 W/kg

SAR(1 g) = 0.066 W/kg; SAR(10 g) = 0.023 W/kg

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

