

#01_GSM850_GPRS (4 Tx slots)_Right Cheek_Ch128

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

Medium: HSL_850_170424 Medium parameters used : $f = 824.2$ MHz; $\sigma = 0.884$ S/m; $\epsilon_r = 43.076$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(10.35, 10.35, 10.35); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM-Right; Type: SAM; Serial: TP-1303
- 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) = 0.184 W/kg

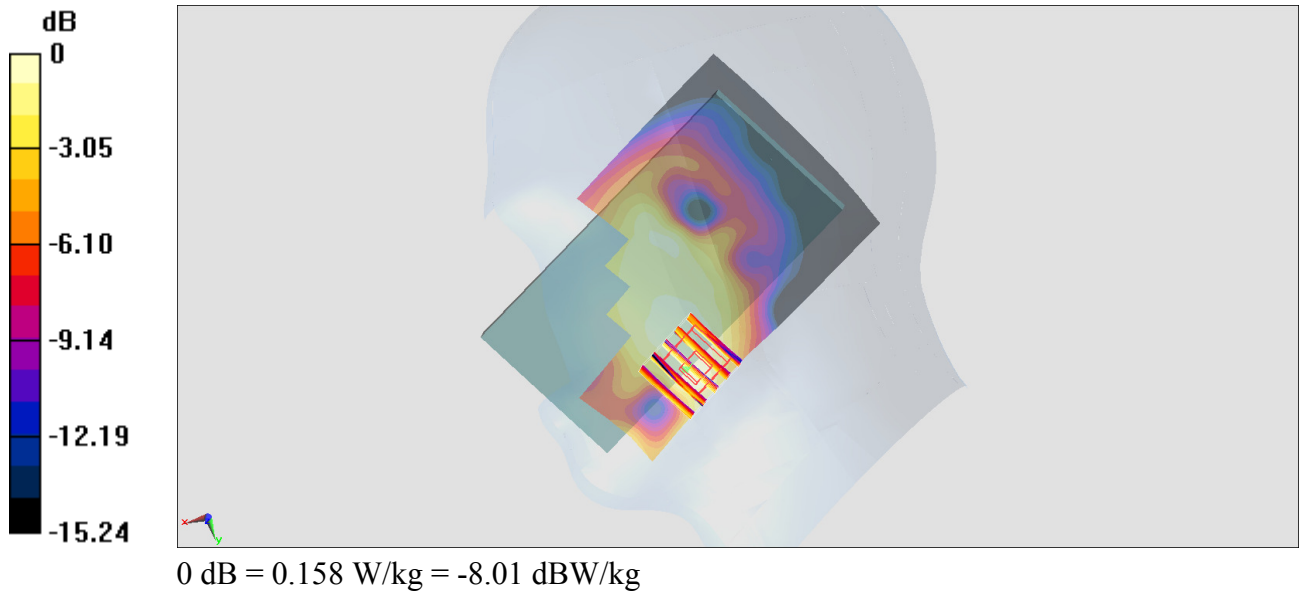
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.16 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.264 W/kg

SAR(1 g) = 0.124 W/kg; SAR(10 g) = 0.075 W/kg

Maximum value of SAR (measured) = 0.158 W/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_170412 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.42$ mho/m; $\epsilon_r = 41.5$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(8.3, 8.3, 8.3); Calibrated: 2016/5/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.231 mW/g

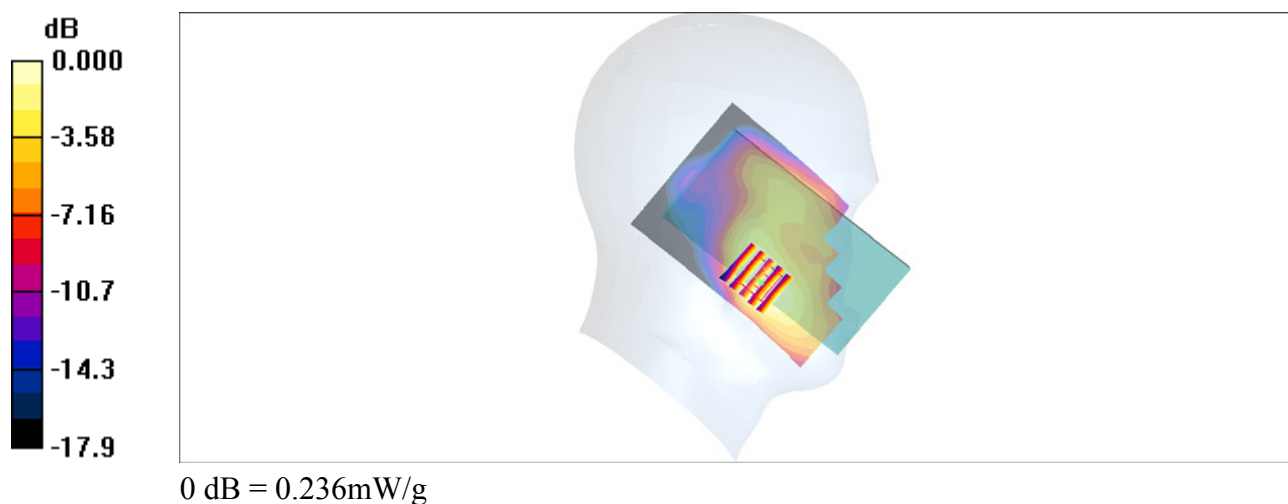
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.8 V/m; Power Drift = 0.190 dB

Peak SAR (extrapolated) = 0.273 W/kg

SAR(1 g) = 0.171 mW/g; SAR(10 g) = 0.105 mW/g

Maximum value of SAR (measured) = 0.236 mW/g



#03_WCDMA II_RMC 12.2Kbps_Left Cheek_Ch9400

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

Medium: HSL_1900_170412 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 41.7$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(8.3, 8.3, 8.3); Calibrated: 2016/5/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.570 mW/g

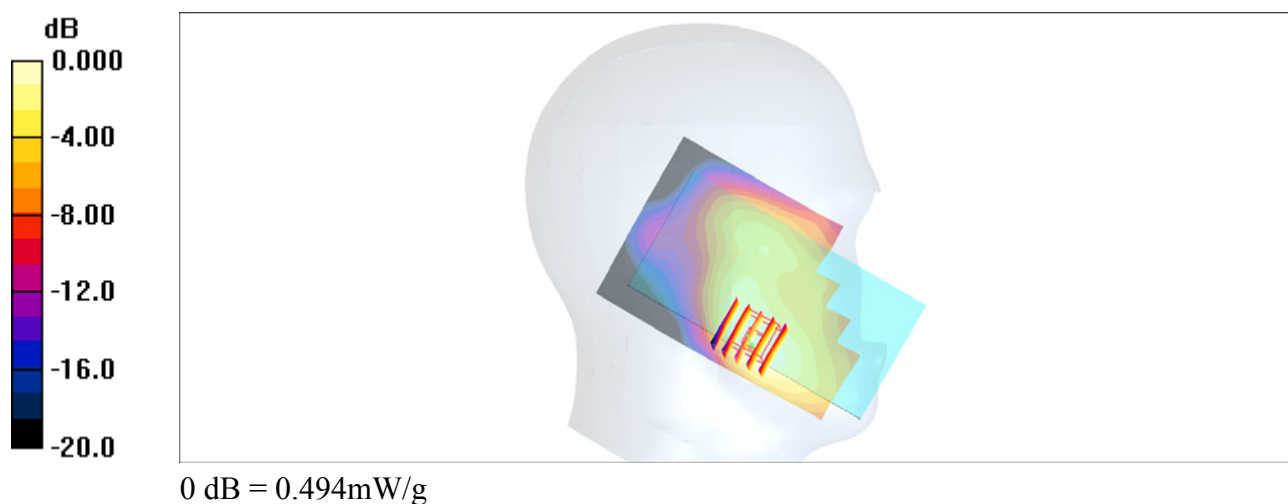
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.47 V/m; Power Drift = 0.125 dB

Peak SAR (extrapolated) = 0.566 W/kg

SAR(1 g) = 0.256 mW/g; SAR(10 g) = 0.164 mW/g

Maximum value of SAR (measured) = 0.494 mW/g



#04_WCDMA IV_RMC 12.2Kbps_Left Cheek_Ch1312

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

Medium: HSL_1750_170428 Medium parameters used : $f = 1712.4$ MHz; $\sigma = 1.336$ S/m; $\epsilon_r = 41.987$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3976; ConvF(8.93, 8.93, 8.93); Calibrated: 2017/2/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- 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) = 0.398 W/kg

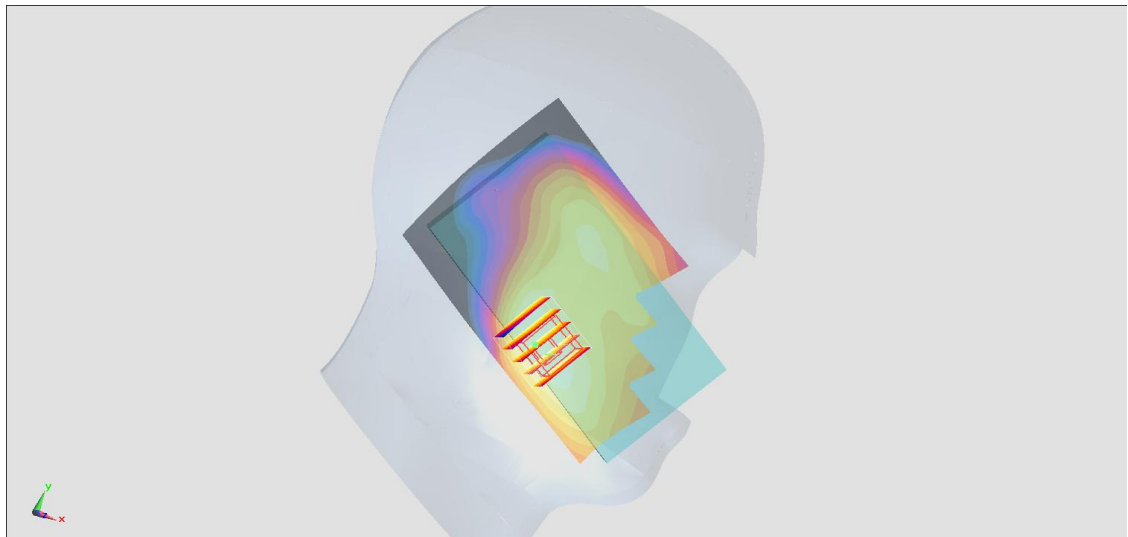
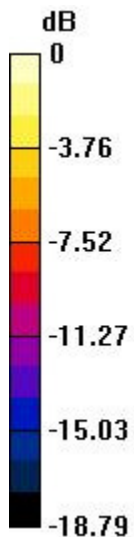
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 14.25 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.419 W/kg

SAR(1 g) = 0.331 W/kg; SAR(10 g) = 0.218 W/kg

Maximum value of SAR (measured) = 0.373 W/kg



0 dB = 0.373 W/kg = -4.28 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_170424 Medium parameters used : $f = 826.4$ MHz; $\sigma = 0.886$ S/m; $\epsilon_r = 43.046$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(10.35, 10.35, 10.35); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM-Right; Type: SAM; Serial: TP-1303
- 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) = 0.321 W/kg

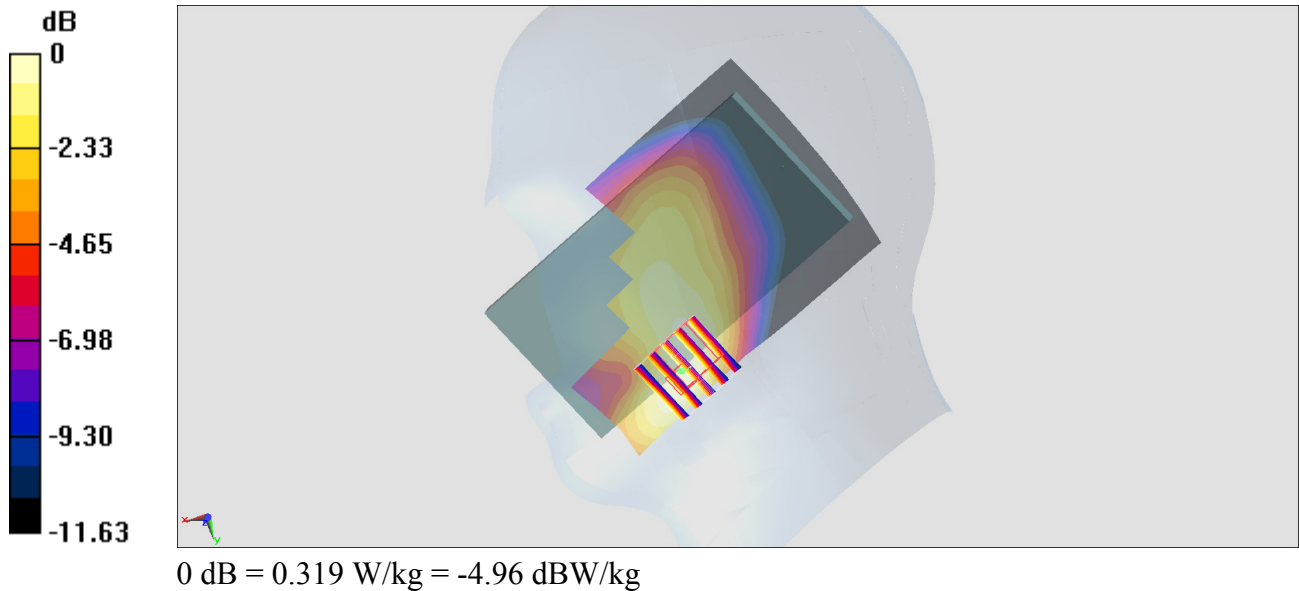
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 18.90 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.362 W/kg

SAR(1 g) = 0.242 W/kg; SAR(10 g) = 0.166 W/kg

Maximum value of SAR (measured) = 0.319 W/kg



#06_CDMA BC0_1xRTT RC3 SO55_Right Cheek_Ch1013

Communication System: CDMA ; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: HSL_850_170424 Medium parameters used: $f = 825$ MHz; $\sigma = 0.885$ S/m; $\epsilon_r = 43.066$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(10.35, 10.35, 10.35); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM-Right; Type: SAM; Serial: TP-1303
- 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) = 0.401 W/kg

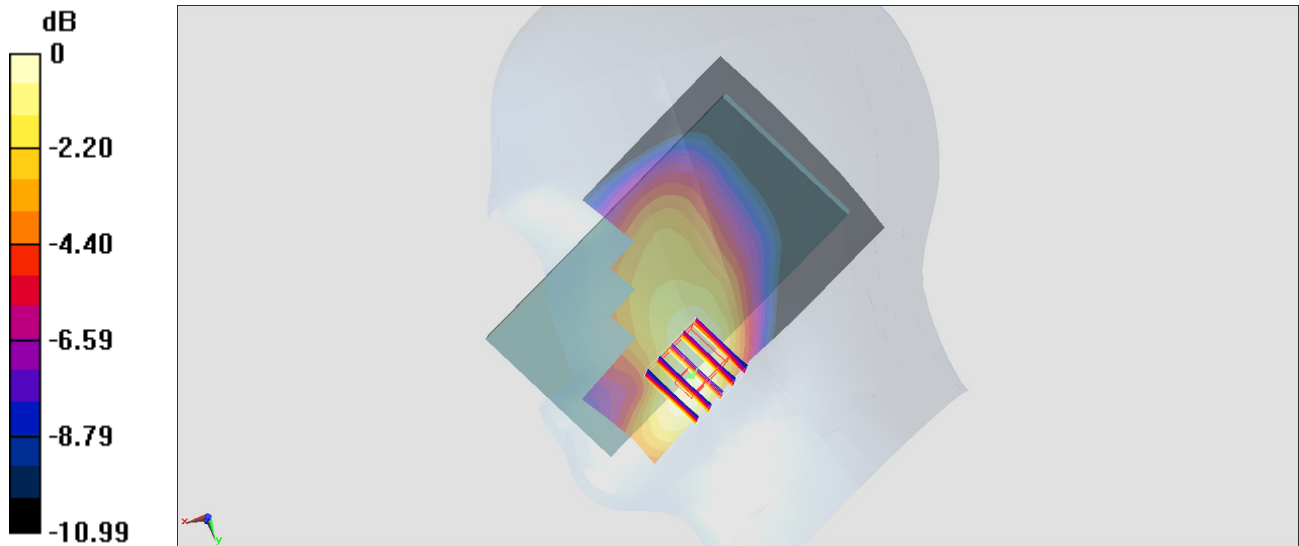
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.00 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.446 W/kg

SAR(1 g) = 0.303 W/kg; SAR(10 g) = 0.208 W/kg

Maximum value of SAR (measured) = 0.396 W/kg



0 dB = 0.396 W/kg = -4.02 dBW/kg

#07_CDMA BC1_1xRTT RC3 SO55_Left Cheek_Ch25

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

Medium: HSL_1900_170428 Medium parameters used : $f = 1851.25$ MHz; $\sigma = 1.382$ S/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3976; ConvF(8.62, 8.62, 8.62); Calibrated: 2017/2/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- 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) = 0.383 W/kg

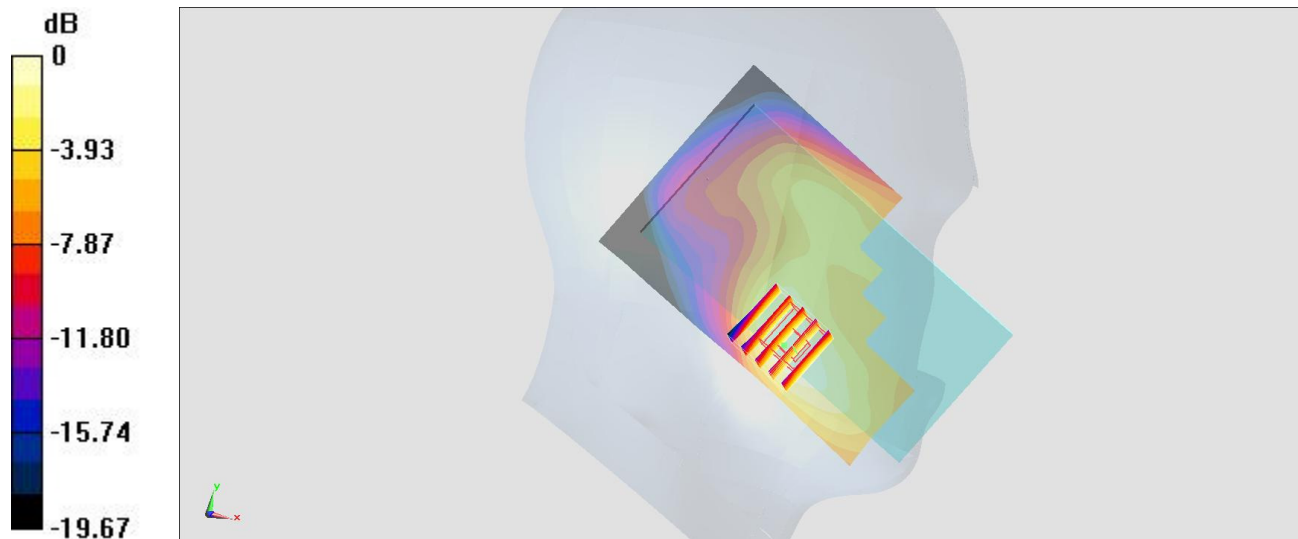
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.28 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.415 W/kg

SAR(1 g) = 0.264 W/kg; SAR(10 g) = 0.167 W/kg

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



0 dB = 0.366 W/kg = -4.37 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_170424 Medium parameters used : $f = 820.5$ MHz; $\sigma = 0.881$ S/m; $\epsilon_r = 43.117$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(10.35, 10.35, 10.35); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM-Right; Type: SAM; Serial: TP-1303
- 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) = 0.372 W/kg

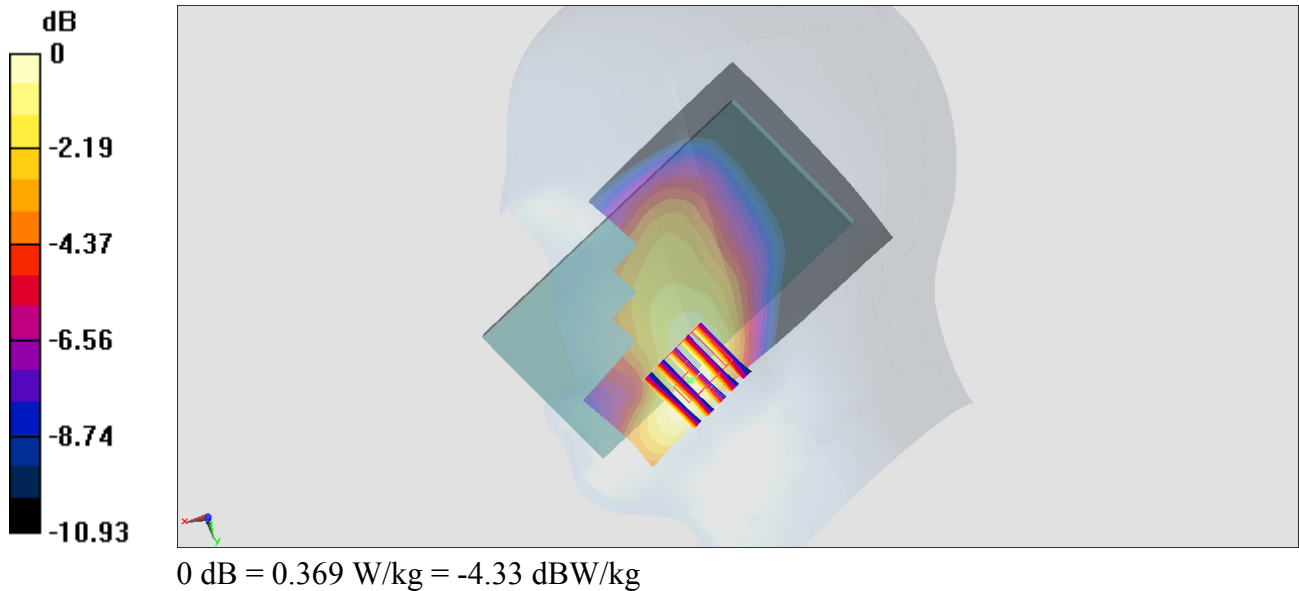
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 20.54 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.416 W/kg

SAR(1 g) = 0.282 W/kg; SAR(10 g) = 0.194 W/kg

Maximum value of SAR (measured) = 0.369 W/kg



#09_LTE Band 2_20M_QPSK_1_0_Left Cheek_Ch19100

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

Medium: HSL_1900_170412 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.41$ mho/m; $\epsilon_r = 41.6$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(8.3, 8.3, 8.3); Calibrated: 2016/5/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.410 mW/g

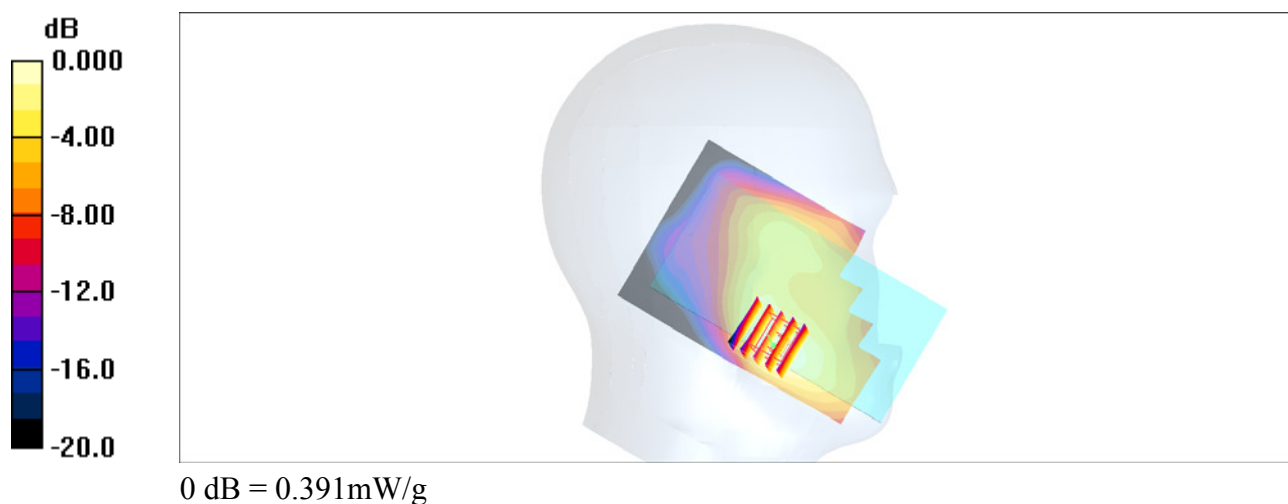
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.7 V/m; Power Drift = 0.104 dB

Peak SAR (extrapolated) = 0.450 W/kg

SAR(1 g) = 0.288 mW/g; SAR(10 g) = 0.181 mW/g

Maximum value of SAR (measured) = 0.391 mW/g



#10_LTE Band 4_20M_QPSK_1_0_Right Cheek_Ch20175

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

Medium: HSL_1750_170414 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 41.8$;

$\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(8.57, 8.57, 8.57); Calibrated: 2016/5/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.398 mW/g

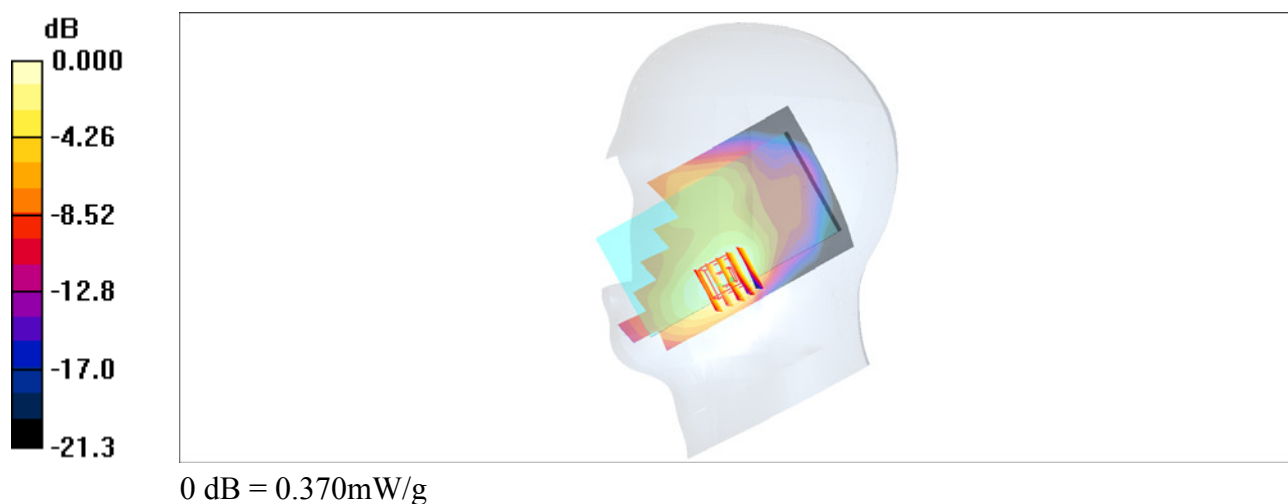
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.6 V/m; Power Drift = 0.088 dB

Peak SAR (extrapolated) = 0.425 W/kg

SAR(1 g) = 0.294 mW/g; SAR(10 g) = 0.194 mW/g

Maximum value of SAR (measured) = 0.370 mW/g



#11_LTE Band 5_10M_QPSK_1_0_Right Cheek_Ch20525

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

Medium: HSL_850_170424 Medium parameters used : $f = 836.5$ MHz; $\sigma = 0.896$ S/m; $\epsilon_r = 42.914$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(10.35, 10.35, 10.35); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM-Right; Type: SAM; Serial: TP-1303
- 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) = 0.323 W/kg

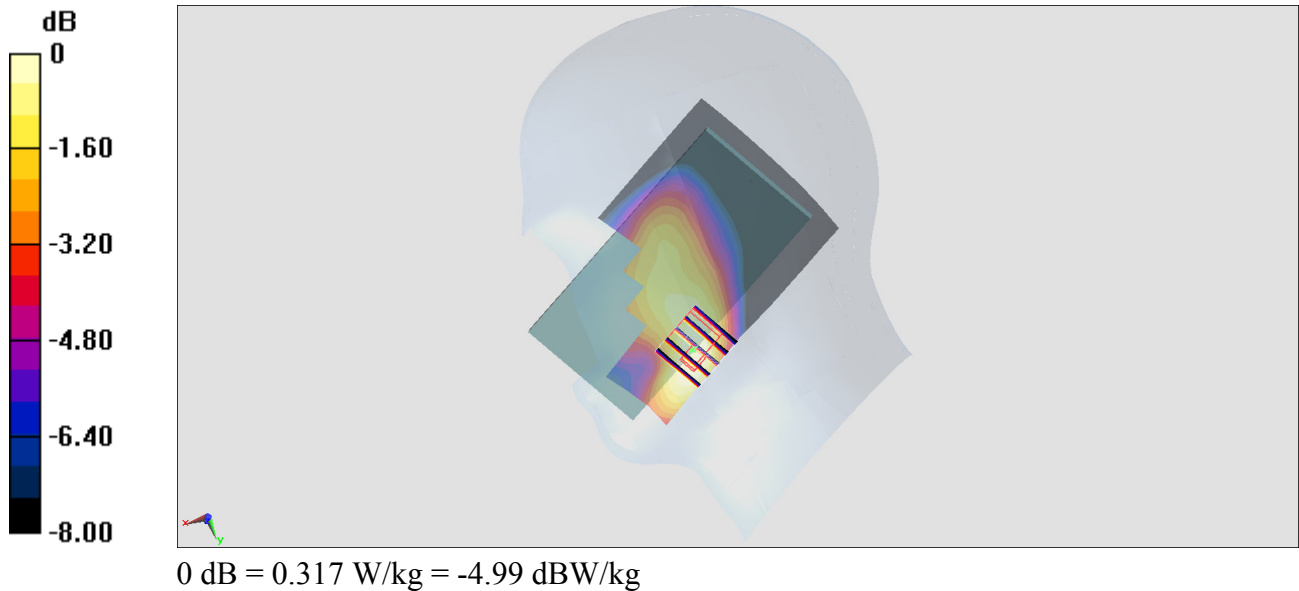
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.47 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.364 W/kg

SAR(1 g) = 0.247 W/kg; SAR(10 g) = 0.168 W/kg

Maximum value of SAR (measured) = 0.317 W/kg



#12_LTE Band 12_10M_QPSK_1_0_Right Cheek_Ch23095

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

Medium: HSL_750_170425 Medium parameters used : $f = 707.5$ MHz; $\sigma = 0.862$ S/m; $\epsilon_r = 41.228$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(10.68, 10.68, 10.68); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM-Right; Type: SAM; Serial: TP-1303
- 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) = 0.314 W/kg

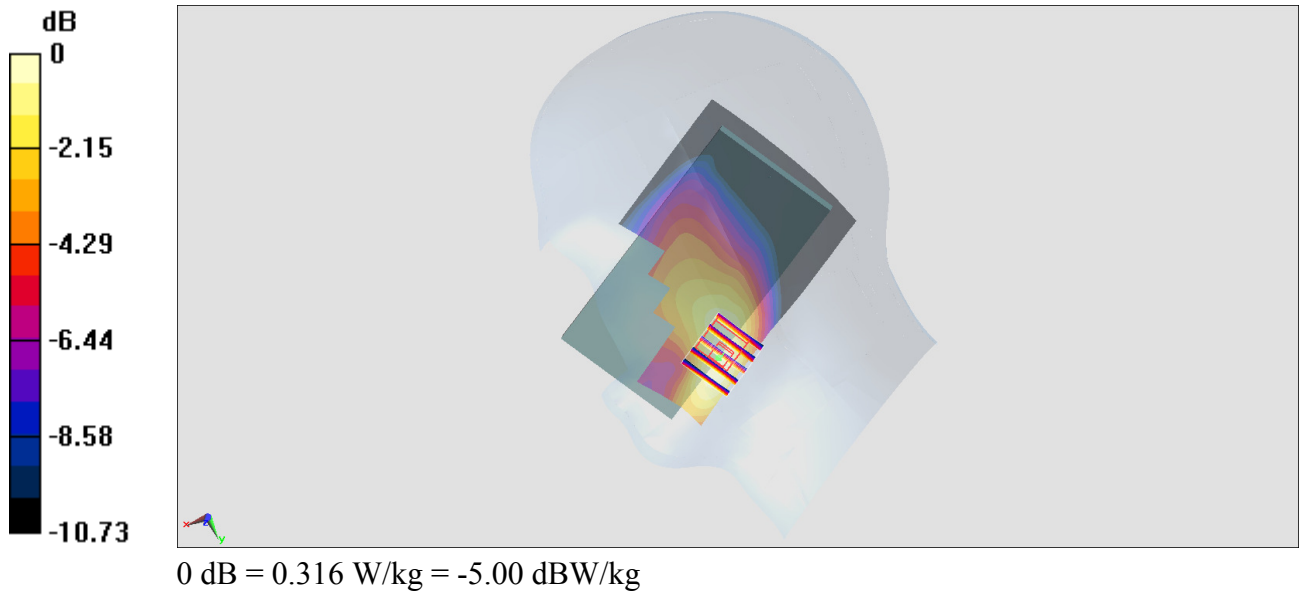
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.35 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.351 W/kg

SAR(1 g) = 0.243 W/kg; SAR(10 g) = 0.166 W/kg

Maximum value of SAR (measured) = 0.316 W/kg



#13_LTE Band 13_10M_QPSK_1_0_Right Cheek_Ch23230

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

Medium: HSL_750_170425 Medium parameters used: $f = 782$ MHz; $\sigma = 0.938$ S/m; $\epsilon_r = 40.461$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(10.68, 10.68, 10.68); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM-Right; Type: SAM; Serial: TP-1303
- 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) = 0.344 W/kg

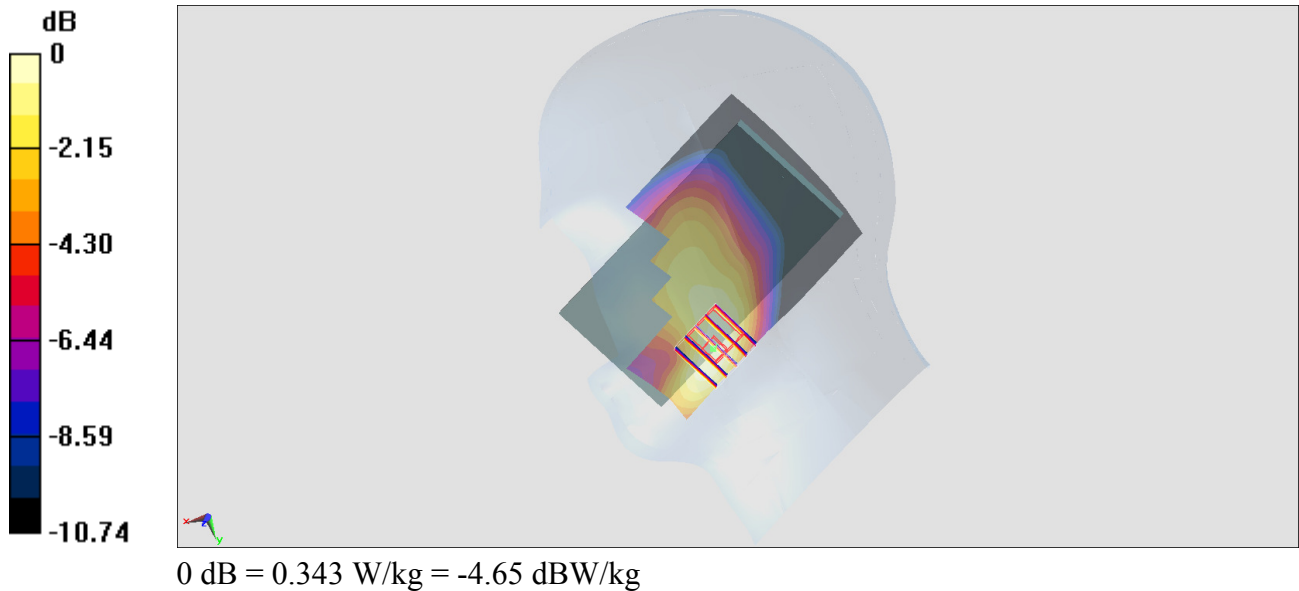
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 18.17 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.382 W/kg

SAR(1 g) = 0.261 W/kg; SAR(10 g) = 0.181 W/kg

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



#14_LTE Band 17_10M_QPSK_1_49_Right Cheek_Ch23790

Communication System: LTE ; Frequency: 710 MHz;Duty Cycle: 1:1

Medium: HSL_750_170425 Medium parameters used: $f = 710$ MHz; $\sigma = 0.859$ S/m; $\epsilon_r = 41.281$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(10.68, 10.68, 10.68); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM-Right; Type: SAM; Serial: TP-1303
- 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) = 0.313 W/kg

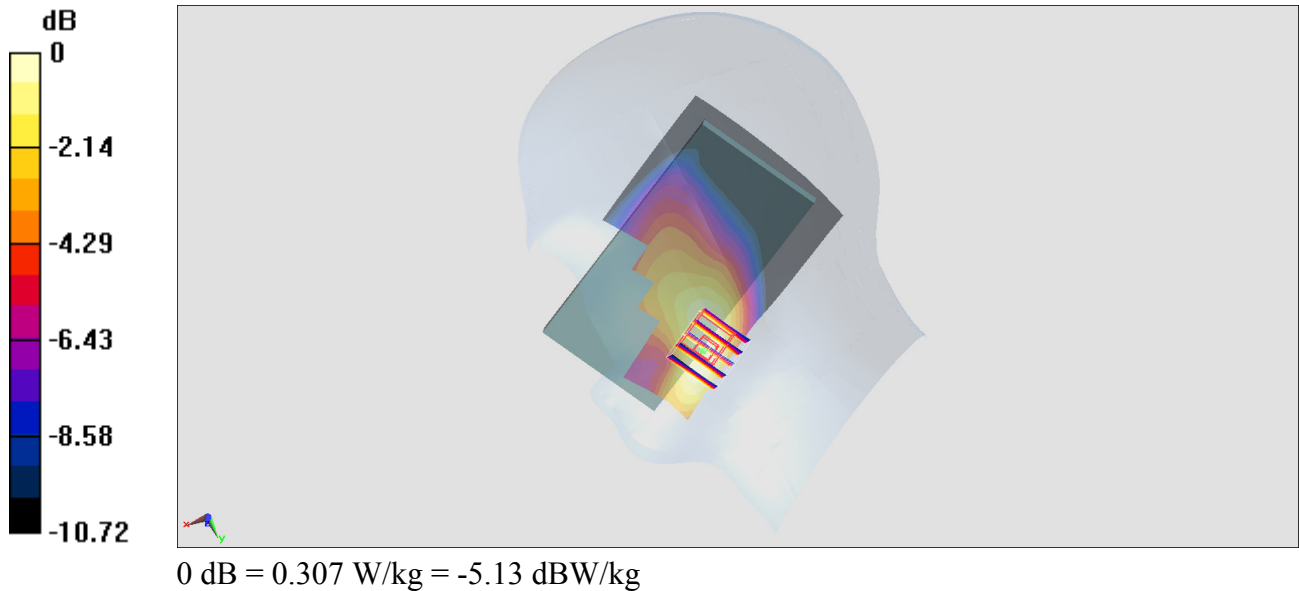
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.35 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.340 W/kg

SAR(1 g) = 0.236 W/kg; SAR(10 g) = 0.161 W/kg

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



#15_LTE Band 25_20M_QPSK_1_0_Left Cheek_Ch26590

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

Medium: HSL_1900_170428 Medium parameters used: $f = 1905$ MHz; $\sigma = 1.39$ S/m; $\epsilon_r = 38.729$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3976; ConvF(8.62, 8.62, 8.62); Calibrated: 2017/2/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- 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) = 0.453 W/kg

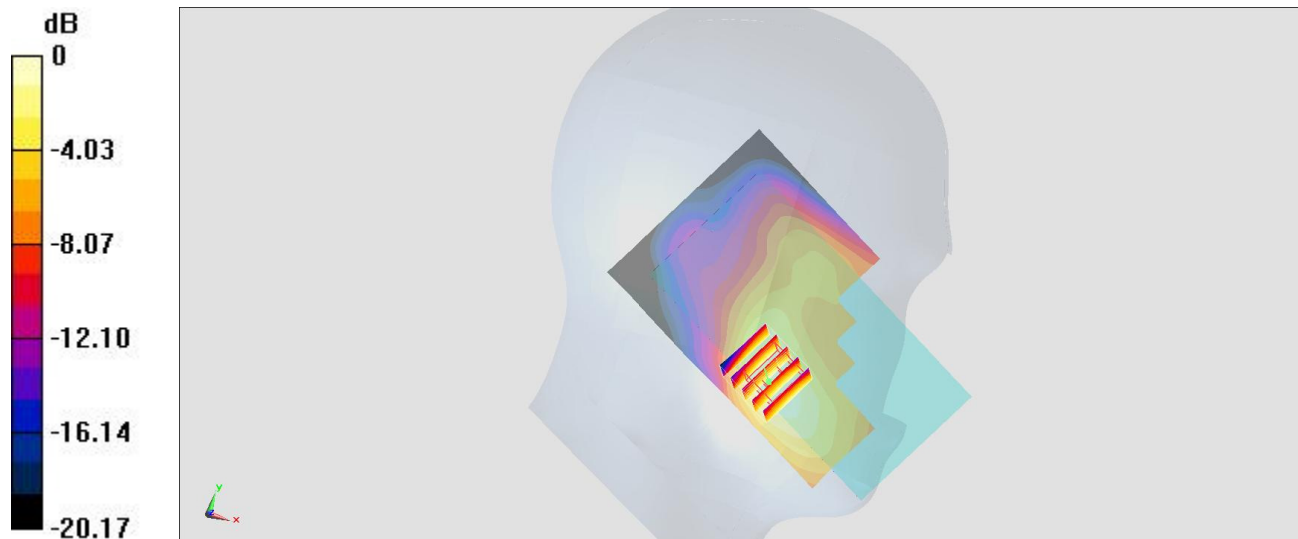
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.69 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.488 W/kg

SAR(1 g) = 0.382 W/kg; SAR(10 g) = 0.227 W/kg

Maximum value of SAR (measured) = 0.422 W/kg



0 dB = 0.422 W/kg = -3.75 dBW/kg

#16_LTE Band 26_15M_QPSK_1_0_Right Cheek_Ch26865

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

Medium: HSL_850_170424 Medium parameters used : $f = 831.5$ MHz; $\sigma = 0.891$ S/m; $\epsilon_r = 42.976$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(10.35, 10.35, 10.35); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM-Right; Type: SAM; Serial: TP-1303
- 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) = 0.354 W/kg

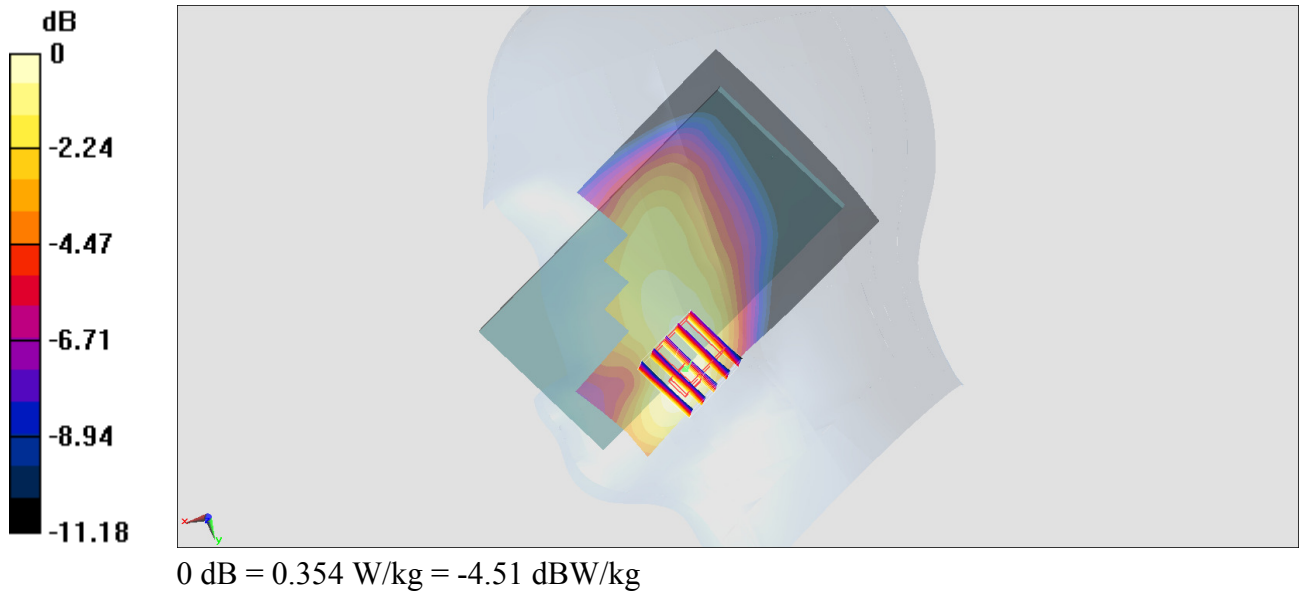
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.20 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.405 W/kg

SAR(1 g) = 0.271 W/kg; SAR(10 g) = 0.185 W/kg

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



#17_LTE Band 41_20M_QPSK_1_0_Right Cheek_Ch41490

Communication System: LTE TDD ; Frequency: 2680 MHz;Duty Cycle: 1:1.233

Medium: HSL_2600_170510 Medium parameters used: $f = 2680$ MHz; $\sigma = 2.056$ S/m; $\epsilon_r = 37.822$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(7.37, 7.37, 7.37); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.441 W/kg

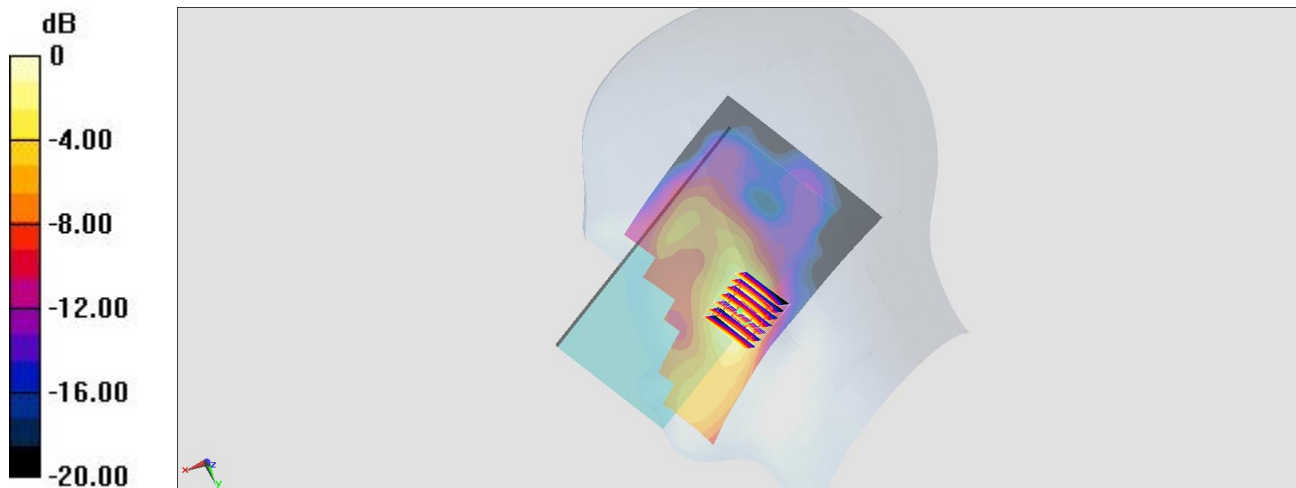
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 11.26 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.514 W/kg

SAR(1 g) = 0.282 W/kg; SAR(10 g) = 0.148 W/kg

Maximum value of SAR (measured) = 0.420 W/kg



0 dB = 0.420 W/kg = -3.77 dBW/kg

#18_WLAN2.4GHz_802.11b 1Mbps_Left Cheek_Ch11;Ant 1

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

Medium: HSL_2450_170428 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.79$ S/m; $\epsilon_r = 40.586$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.6, 7.6, 7.6); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM-Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.774 W/kg

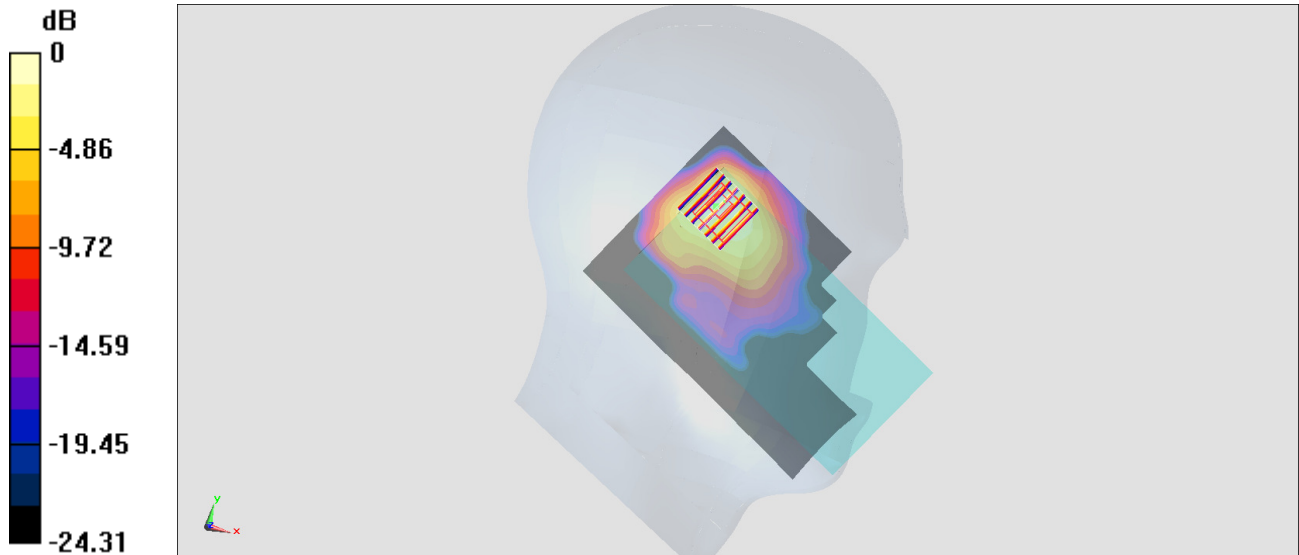
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.18 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.548 W/kg; SAR(10 g) = 0.270 W/kg

Maximum value of SAR (measured) = 0.858 W/kg



0 dB = 0.858 W/kg = -0.67 dBW/kg

#19_WLAN5GHz_802.11n-HT40 MCS0_Left Tilted_Ch54;Ant 1

Communication System: 802.11n ; Frequency: 5270 MHz;Duty Cycle: 1:1.116

Medium: HSL_5G_170428 Medium parameters used: $f = 5270$ MHz; $\sigma = 4.578$ S/m; $\epsilon_r = 37.347$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(5.38, 5.38, 5.38); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM-Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

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

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

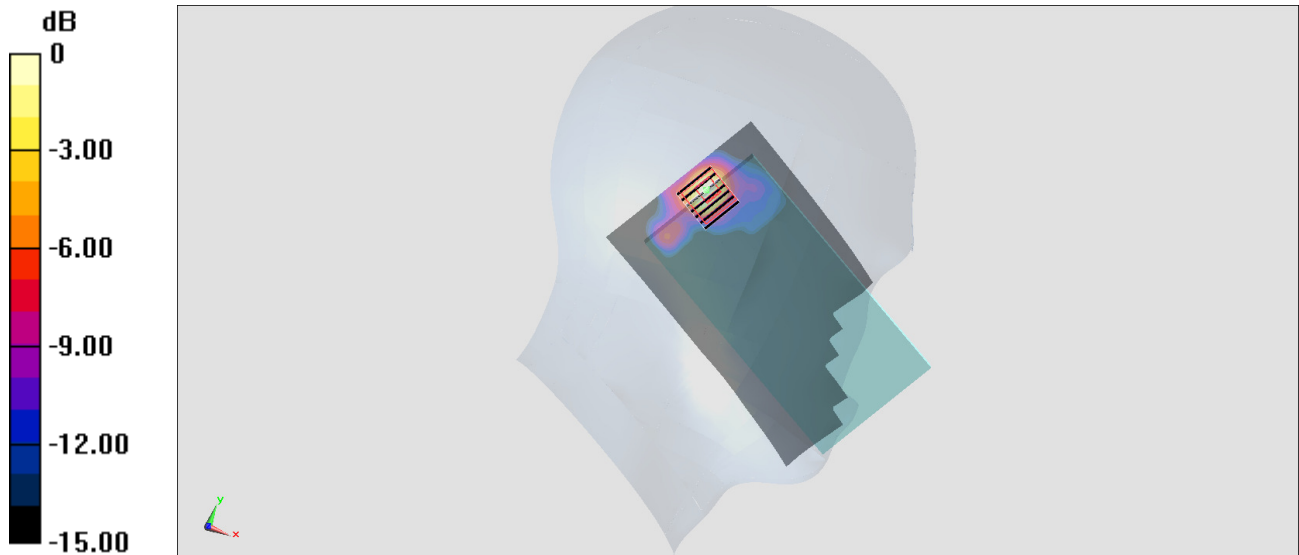
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 5.248 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.74 W/kg

SAR(1 g) = 0.396 W/kg; SAR(10 g) = 0.121 W/kg

Maximum value of SAR (measured) = 0.981 W/kg



0 dB = 0.981 W/kg = -0.08 dBW/kg

#20_WLAN5GHz_802.11ac-VHT80 MCS0_Left Tilted_Ch106;Ant 1

Communication System: 802.11ac; Frequency: 5530 MHz; Duty Cycle: 1:1.156

Medium: HSL_5G_170416 Medium parameters used: $f = 5530$ MHz; $\sigma = 4.94$ mho/m; $\epsilon_r = 36.2$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.66, 4.66, 4.66); Calibrated: 2016/5/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Area Scan (101x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.38 mW/g

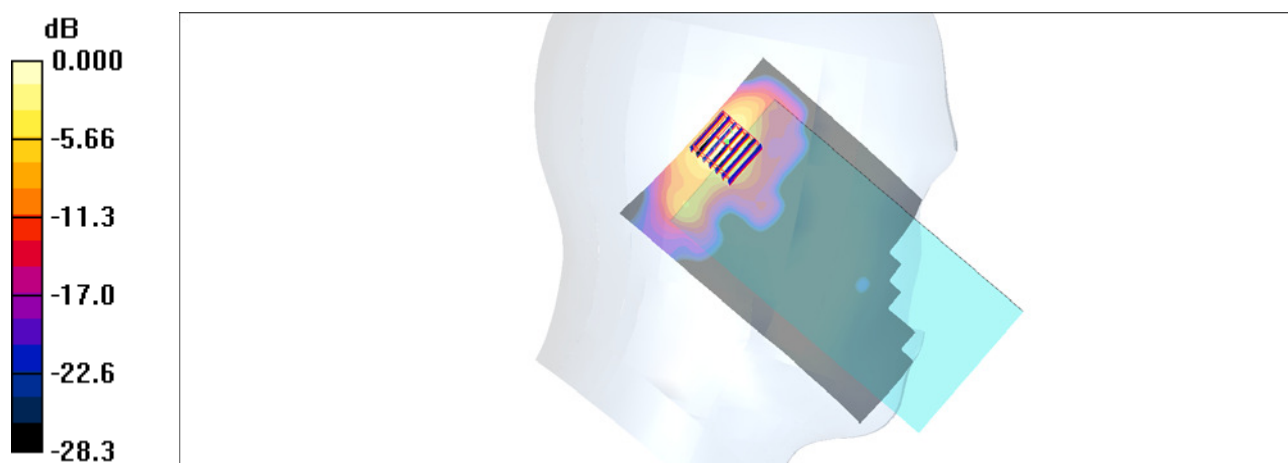
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.02 V/m; Power Drift = 0.150 dB

Peak SAR (extrapolated) = 2.43 W/kg

SAR(1 g) = 0.527 mW/g; SAR(10 g) = 0.153 mW/g

Maximum value of SAR (measured) = 1.39 mW/g



0 dB = 1.39mW/g

#21_WLAN5GHz_802.11ac-VHT80 MCS0_Right Tilted_Ch155;Ant 2

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.167

Medium: HSL_5G_170428 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.091$ S/m; $\epsilon_r = 36.698$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.84, 4.84, 4.84); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM-Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 1.62 W/kg

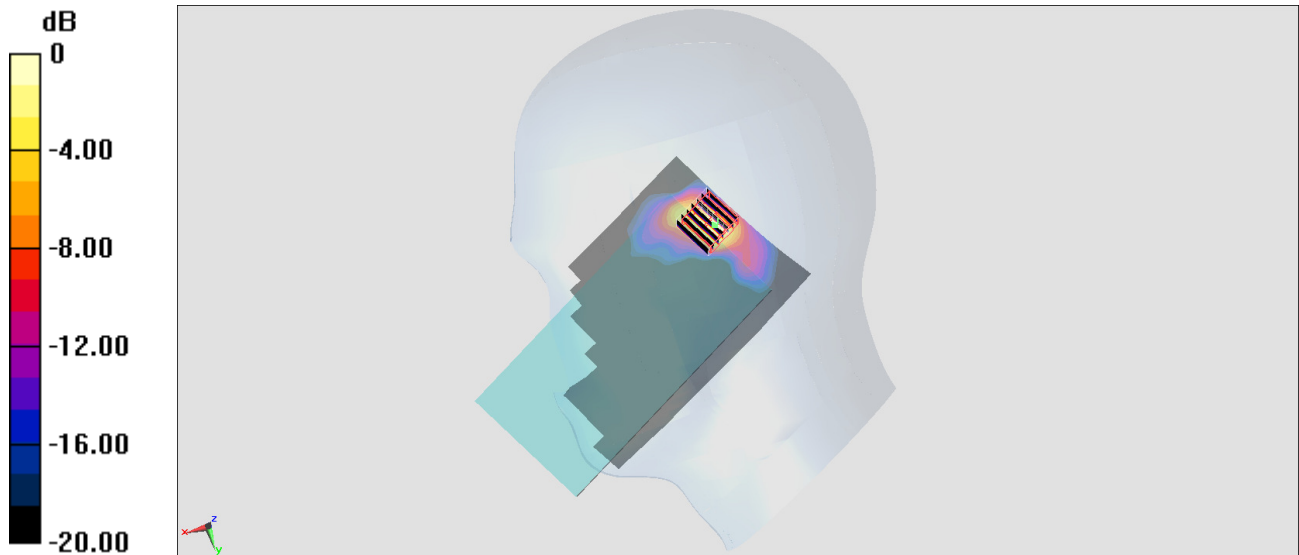
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 6.806 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 3.68 W/kg

SAR(1 g) = 0.713 W/kg; SAR(10 g) = 0.186 W/kg

Maximum value of SAR (measured) = 1.96 W/kg



0 dB = 1.96 W/kg = 2.92 dBW/kg

#22_GSM850_GPRS (4 Tx slots)_Front_10mm_Ch128

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

Medium: MSL_850_170503 Medium parameters used : $f = 824.2$ MHz; $\sigma = 0.971$ S/m; $\epsilon_r = 57.541$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(10.14, 10.14, 10.14); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM-Right; Type: SAM; Serial: TP-1303
- 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) = 0.725 W/kg

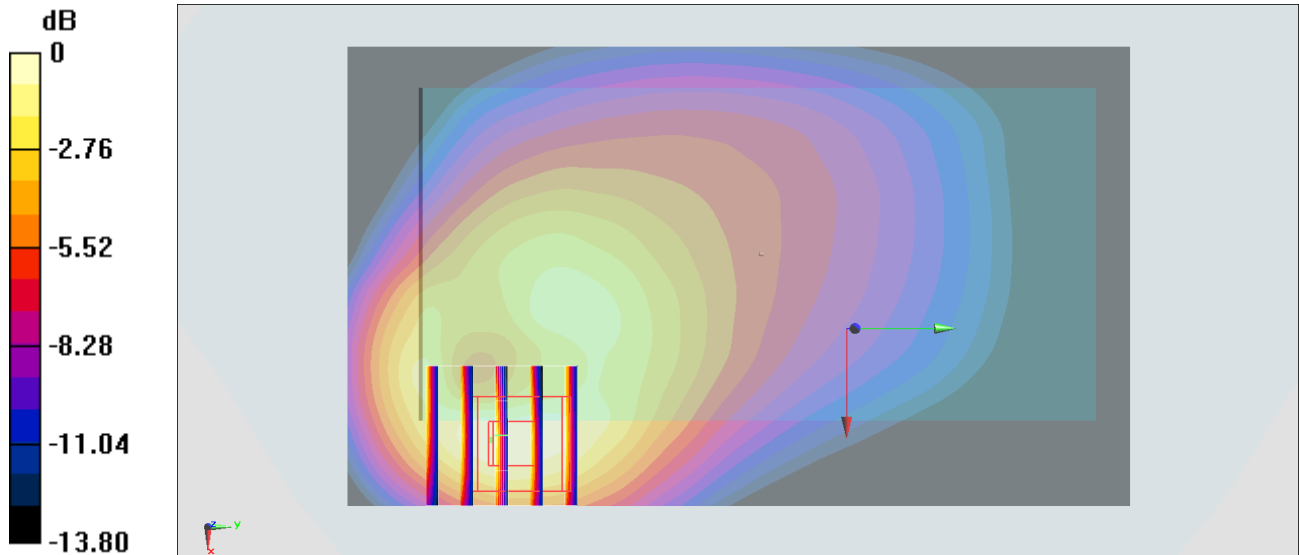
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.96 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.857 W/kg

SAR(1 g) = 0.480 W/kg; SAR(10 g) = 0.276 W/kg

Maximum value of SAR (measured) = 0.718 W/kg



#23_GSM1900_GPRS (4 Tx slots)_Back_10mm_Ch810

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

Medium: MSL_1900_170420 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.567$ S/m; $\epsilon_r = 54.122$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(8.31, 8.31, 8.31); Calibrated: 2017/2/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- Phantom: SAM-Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.680 W/kg

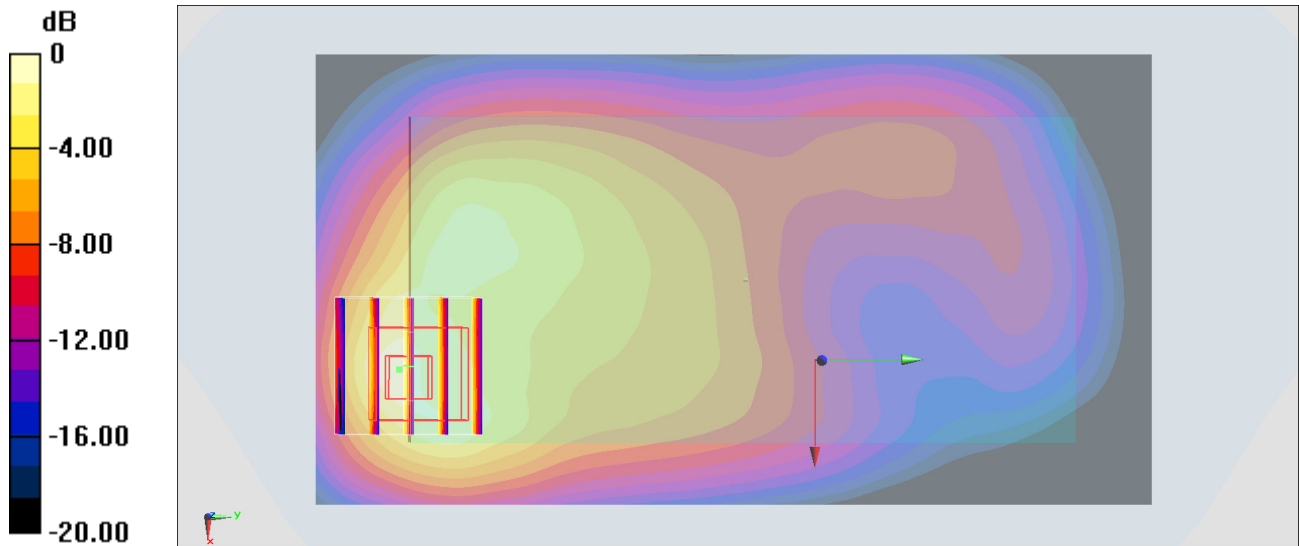
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.91 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.853 W/kg

SAR(1 g) = 0.483 W/kg; SAR(10 g) = 0.263 W/kg

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



0 dB = 0.733 W/kg = -1.35 dBW/kg

#24_WCDMA II_RMC 12.2Kbps_Back_10mm_Ch9262

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

Medium: MSL_1900_170420 Medium parameters used : $f = 1852.4$ MHz; $\sigma = 1.496$ S/m; $\epsilon_r = 54.33$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(8.31, 8.31, 8.31); Calibrated: 2017/2/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- Phantom: SAM-Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 1.03 W/kg

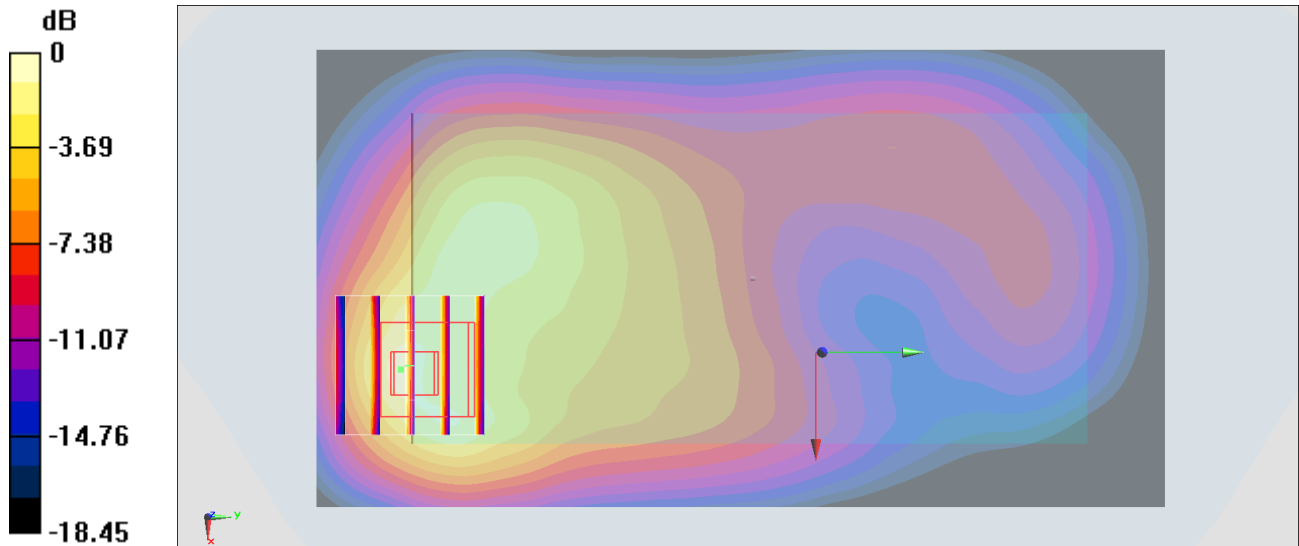
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.96 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.41 W/kg

SAR(1 g) = 0.730 W/kg; SAR(10 g) = 0.409 W/kg

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



0 dB = 1.17 W/kg = 0.68 dBW/kg

#25_WCDMA IV_RMC 12.2Kbps_Back_10mm_Ch1513

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

Medium: MSL1750_170420 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.53$ S/m; $\epsilon_r = 54.154$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(8.57, 8.57, 8.57); Calibrated: 2017/2/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- Phantom: SAM-Right; Type: SAM; Serial: TP-1303
- 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) = 1.05 W/kg

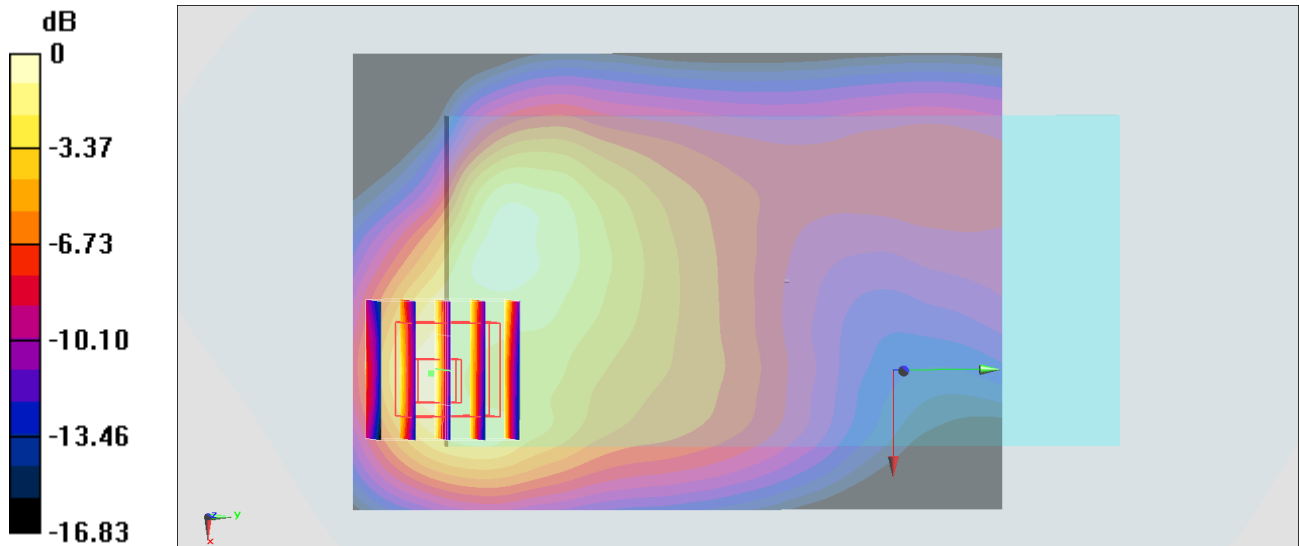
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.09 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.692 W/kg; SAR(10 g) = 0.388 W/kg

Maximum value of SAR (measured) = 1.03 W/kg



0 dB = 1.03 W/kg = 0.13 dBW/kg

#26_WCDMA V_RMC 12.2Kbps_Back_10mm_Ch4182

Communication System: WCDMA ; Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: MSL_850_170503 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.981$ S/m; $\epsilon_r = 57.417$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(10.14, 10.14, 10.14); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM-Right; Type: SAM; Serial: TP-1303
- 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) = 1.10 W/kg

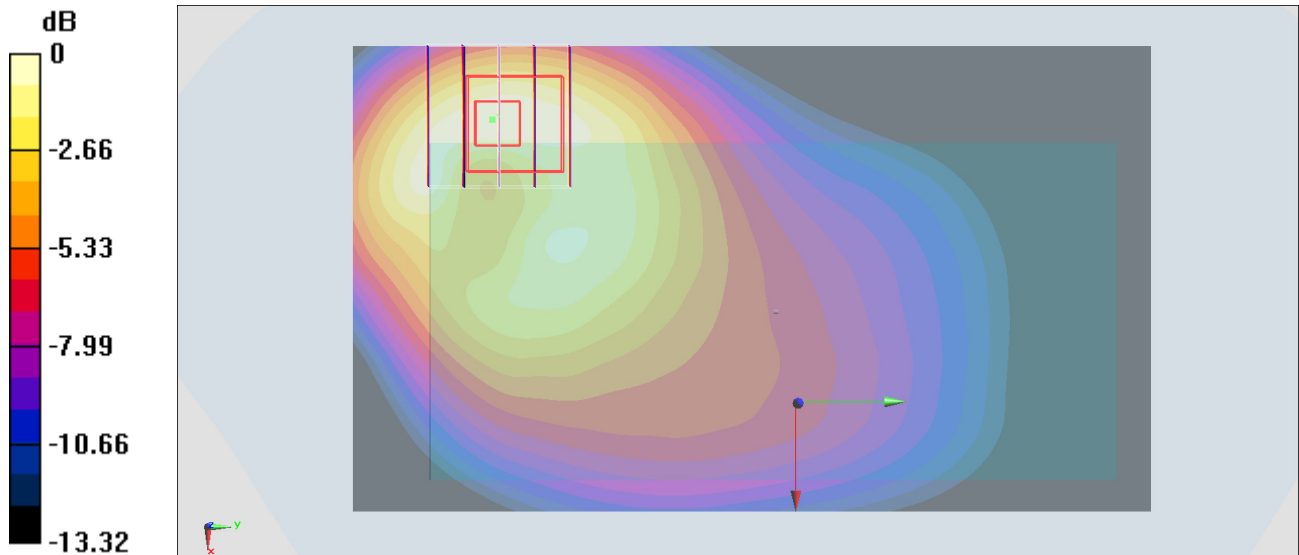
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.49 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.36 W/kg

SAR(1 g) = 0.765 W/kg; SAR(10 g) = 0.454 W/kg

Maximum value of SAR (measured) = 1.08 W/kg



0 dB = 1.08 W/kg = 0.33 dBW/kg

#27_CDMA BC0_RTAP 153.6Kbps_Back_10mm_Ch1013

Communication System: CDMA ; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: MSL_850_170503 Medium parameters used: $f = 825$ MHz; $\sigma = 0.971$ S/m; $\epsilon_r = 57.529$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(10.14, 10.14, 10.14); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM-Right; Type: SAM; Serial: TP-1303
- 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) = 1.19 W/kg

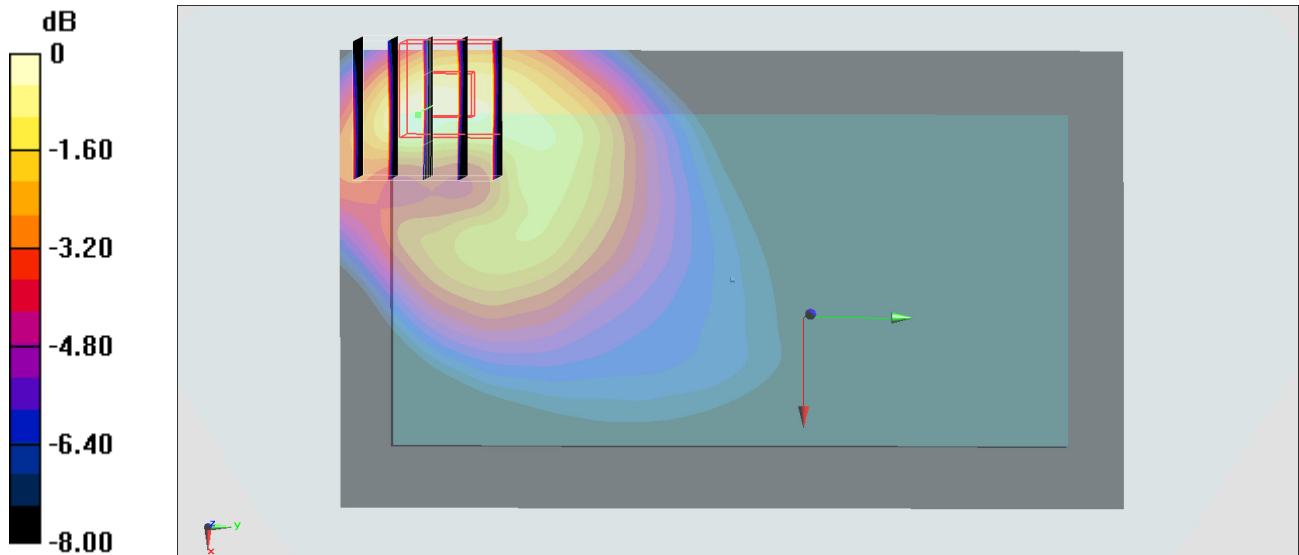
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 34.94 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.41 W/kg

SAR(1 g) = 0.785 W/kg; SAR(10 g) = 0.455 W/kg

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



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

#28_CDMA BC1_RTAP 153.6Kbps_Bottom Side_10mm_Ch1175

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

Medium: MSL_1900_170429 Medium parameters used: $f = 1909$ MHz; $\sigma = 1.562$ S/m; $\epsilon_r = 55.274$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3976; ConvF(8.31, 8.31, 8.31); Calibrated: 2017/2/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 1.03 W/kg

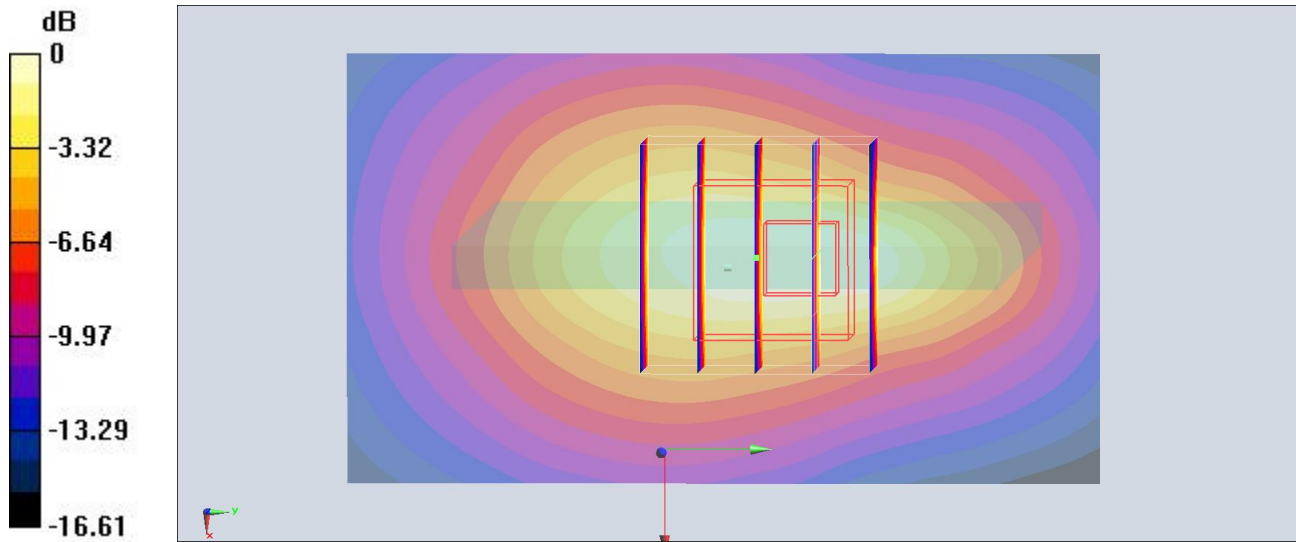
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 25.74 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.24 W/kg

SAR(1 g) = 0.695 W/kg; SAR(10 g) = 0.385 W/kg

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



0 dB = 1.04 W/kg = 0.17 dBW/kg

#29_CDMA BC10_RTAP 153.6Kbps_Front_10mm_Ch580

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

Medium: MSL_850_170503 Medium parameters used: $f = 820.5$ MHz; $\sigma = 0.967$ S/m; $\epsilon_r = 57.574$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(10.14, 10.14, 10.14); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM-Right; Type: SAM; Serial: TP-1303
- 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) = 1.40 W/kg

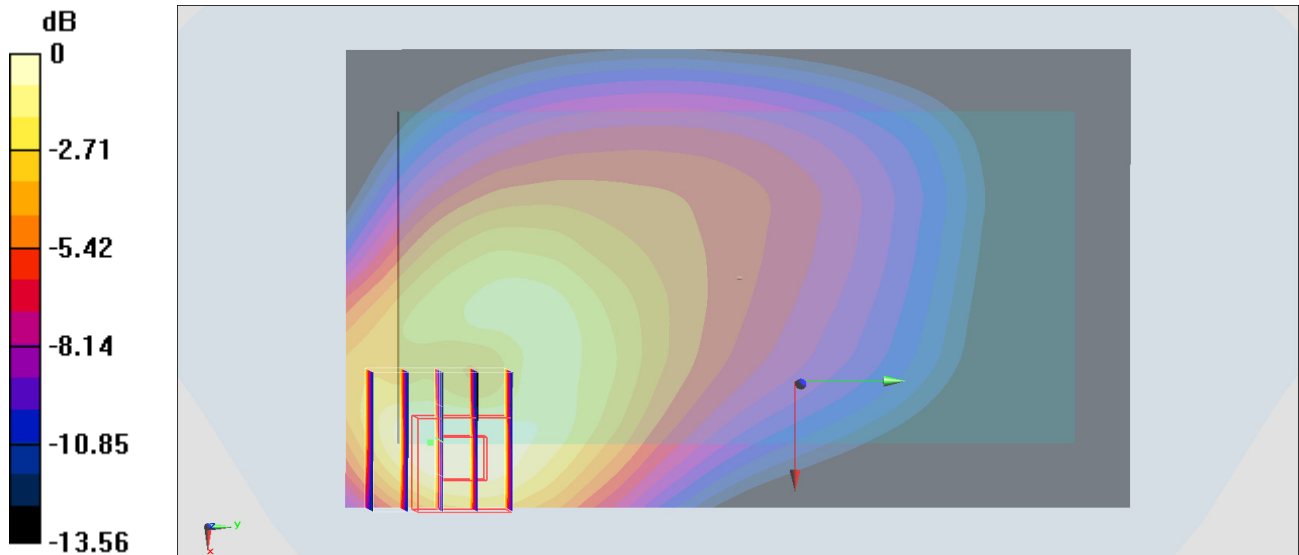
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 38.04 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.70 W/kg

SAR(1 g) = 0.951 W/kg; SAR(10 g) = 0.543 W/kg

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



0 dB = 1.32 W/kg = 1.21 dBW/kg

#30_LTE Band 2_20M_QPSK_1_0_Back_10mm_Ch18700

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

Medium: MSL_1900_170418 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.488$ S/m; $\epsilon_r = 53.501$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(8.31, 8.31, 8.31); Calibrated: 2017/2/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- Phantom: SAM-Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

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

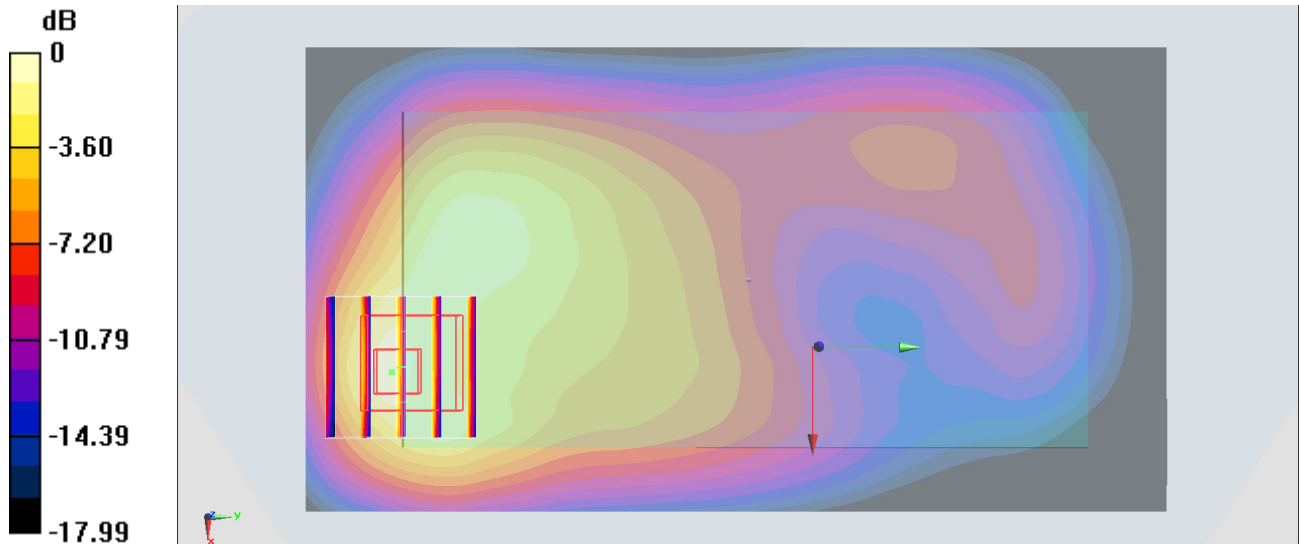
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.69 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.778 W/kg; SAR(10 g) = 0.470 W/kg

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



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

#31_LTE Band 4_20M_QPSK_100_0_Back_10mm_Ch20175

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

Medium: MSL1750_170420 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.508$ S/m; $\epsilon_r = 54.219$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(8.57, 8.57, 8.57); Calibrated: 2017/2/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- Phantom: SAM-Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.948 W/kg

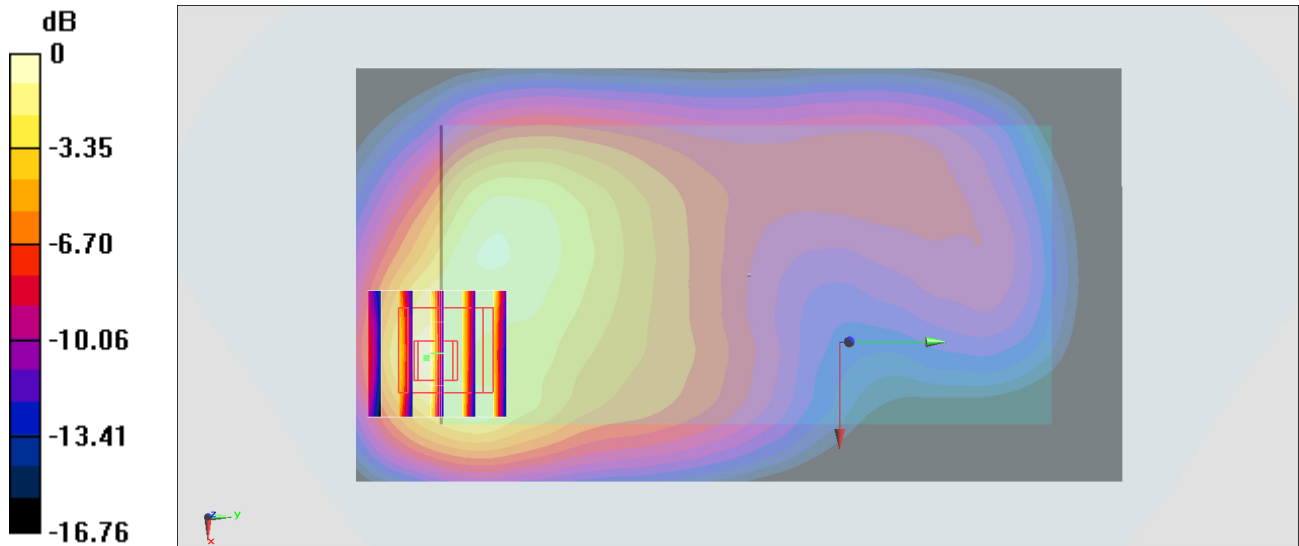
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.21 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.660 W/kg; SAR(10 g) = 0.377 W/kg

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



0 dB = 0.979 W/kg = -0.09 dBW/kg

#32_LTE Band 5_10M_QPSK_1_0_Back_10mm_Ch20525

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

Medium: MSL_850_170503 Medium parameters used : $f = 836.5$ MHz; $\sigma = 0.982$ S/m; $\epsilon_r = 57.416$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(10.14, 10.14, 10.14); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM-Right; Type: SAM; Serial: TP-1303
- 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) = 1.21 W/kg

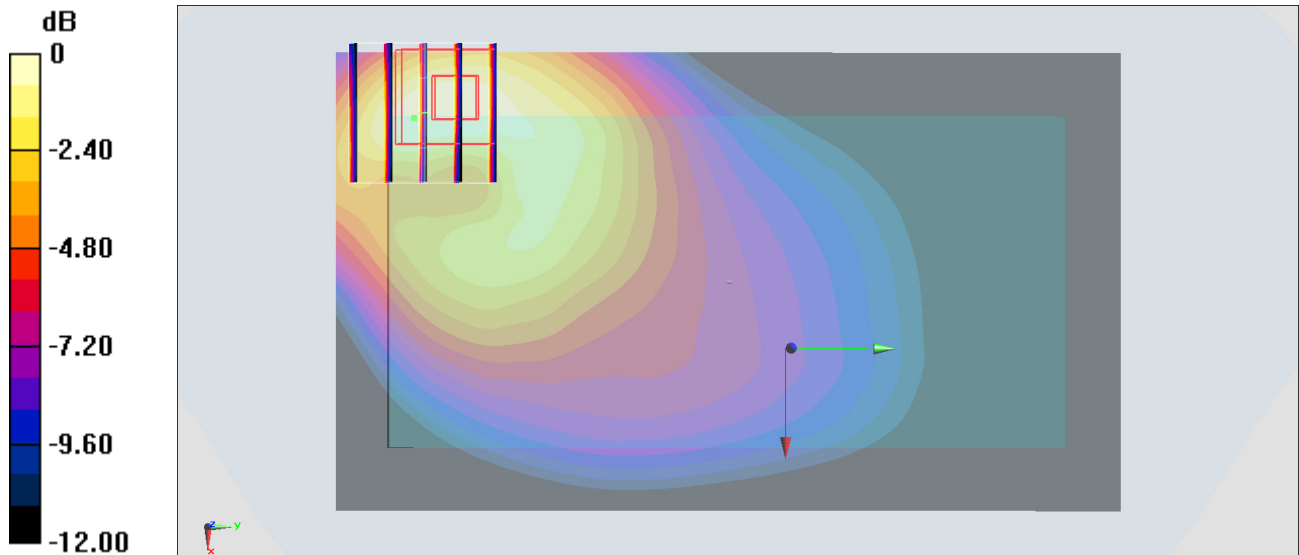
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.03 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.805 W/kg; SAR(10 g) = 0.467 W/kg

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



0 dB = 1.17 W/kg = 0.68 dBW/kg

#33_LTE Band 12_10M_QPSK_1_0_Back_10mm_Ch23095

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

Medium: MSL_750_170502 Medium parameters used : $f = 707.5$ MHz; $\sigma = 0.919$ S/m; $\epsilon_r = 55.595$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(10.37, 10.37, 10.37); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM-Right; Type: SAM; Serial: TP-1303
- 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) = 1.12 W/kg

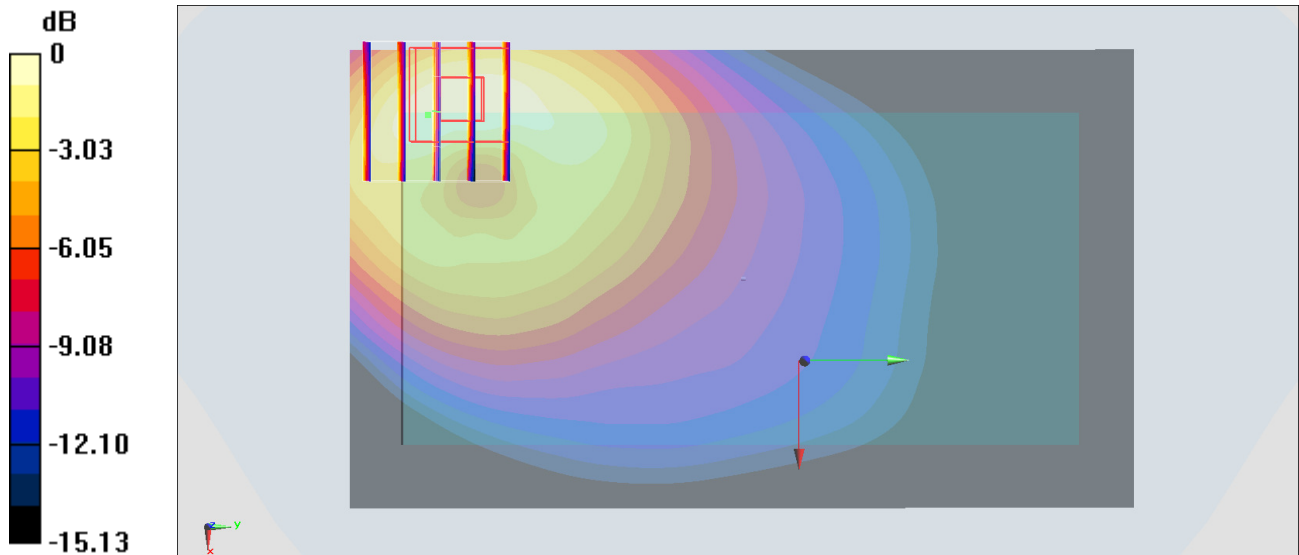
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.30 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.35 W/kg

SAR(1 g) = 0.757 W/kg; SAR(10 g) = 0.440 W/kg

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



0 dB = 1.12 W/kg = 0.49 dBW/kg

#34_LTE Band 13_10M_QPSK_1_0_Back_10mm_Ch23230

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

Medium: MSL_750_170502 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.987 \text{ S/m}$; $\epsilon_r = 54.888$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $23.2 \text{ }^\circ\text{C}$; Liquid Temperature : $22.2 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(10.37, 10.37, 10.37); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM-Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

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

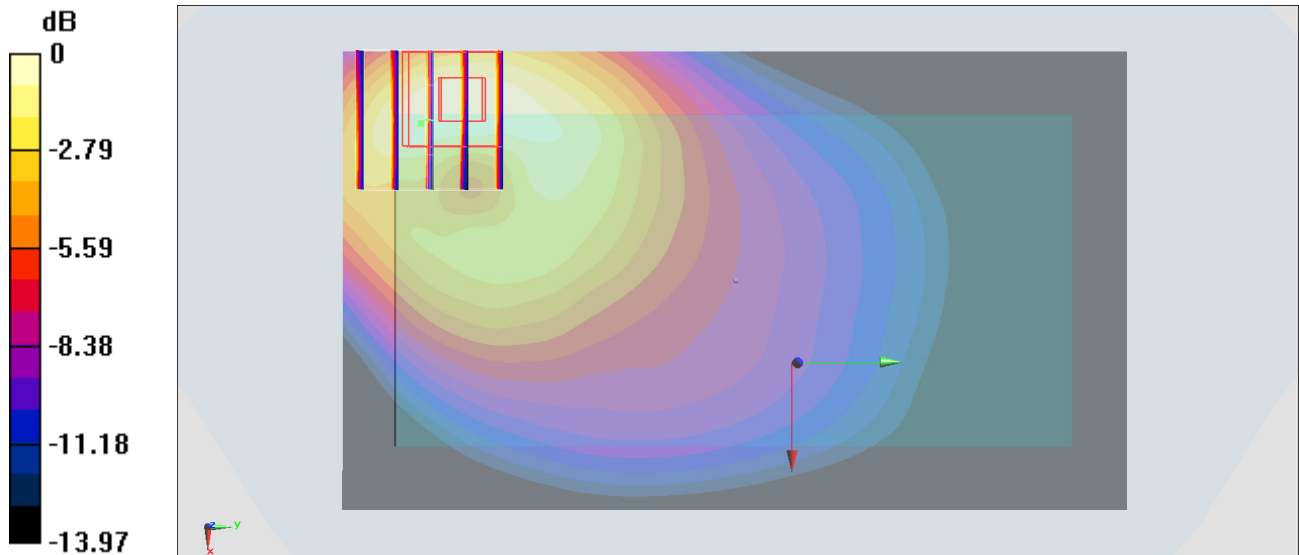
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 32.64 V/m ; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.30 W/kg

SAR(1 g) = 0.724 W/kg ; SAR(10 g) = 0.419 W/kg

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



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

#35_LTE Band 17_10M_QPSK_1_0_Back_10mm_Ch23790

Communication System: LTE ; Frequency: 710 MHz;Duty Cycle: 1:1

Medium: MSL_750_170502 Medium parameters used: $f = 710$ MHz; $\sigma = 0.921$ S/m; $\epsilon_r = 55.571$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(10.37, 10.37, 10.37); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM-Right; Type: SAM; Serial: TP-1303
- 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) = 1.11 W/kg

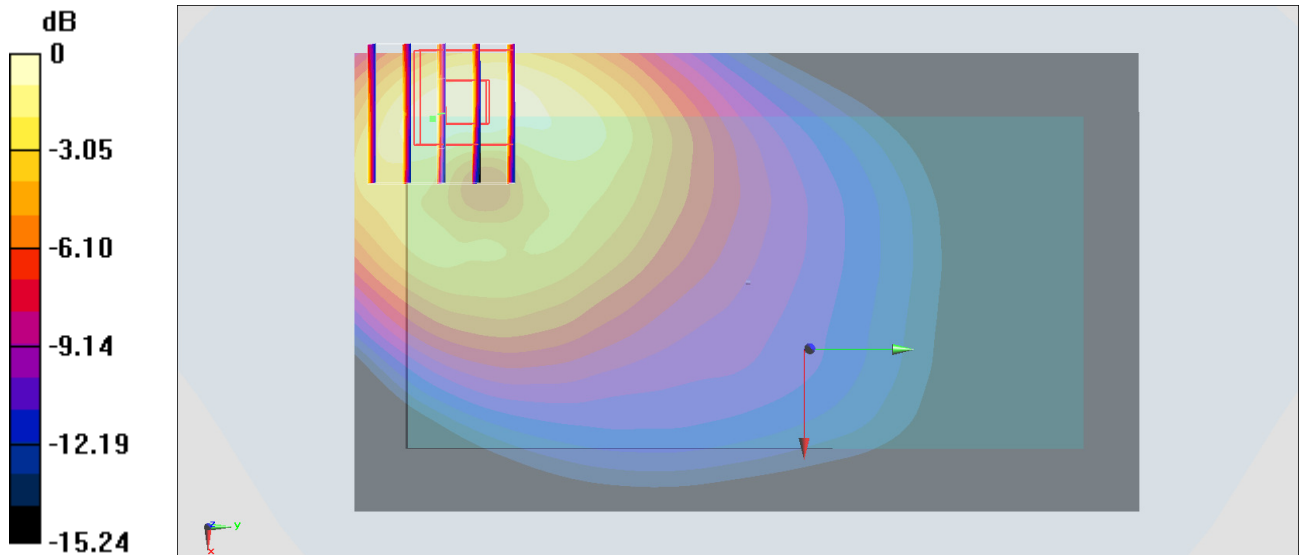
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.50 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.770 W/kg; SAR(10 g) = 0.446 W/kg

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



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

#36_LTE Band 25_20M_QPSK_1_0_Bottom Side_10mm_Ch26140

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

Medium: MSL_1900_170418 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.488$ S/m; $\epsilon_r = 53.501$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(8.31, 8.31, 8.31); Calibrated: 2017/2/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2017/2/16
- Phantom: SAM-Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

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

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

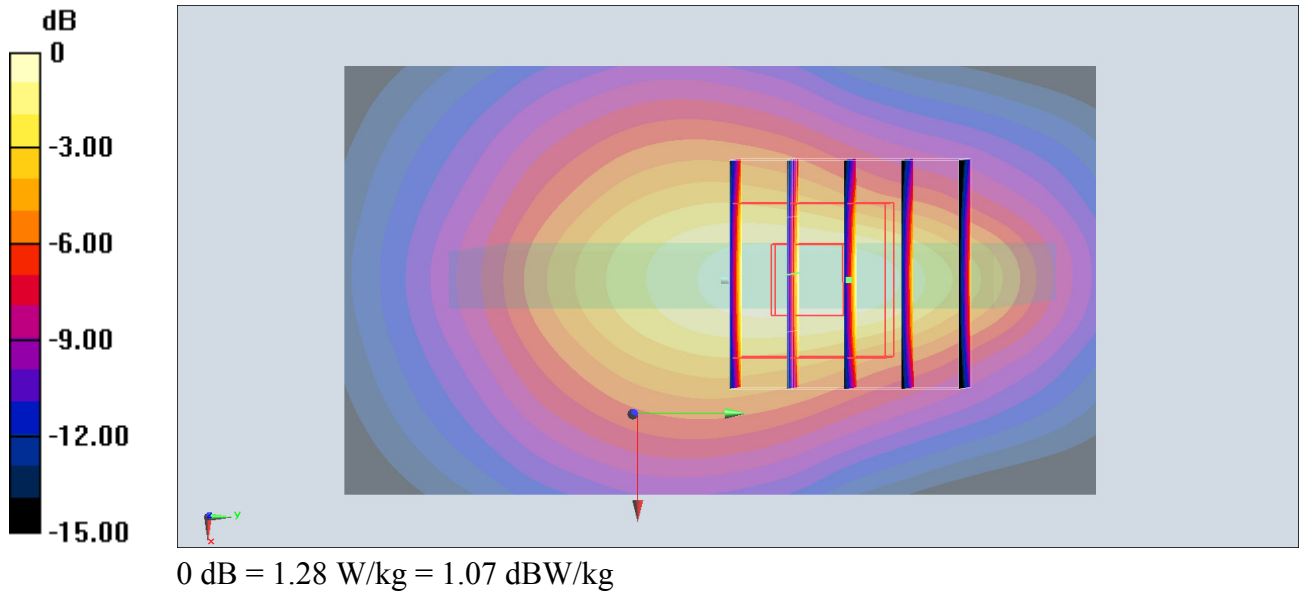
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.69 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.857 W/kg; SAR(10 g) = 0.469 W/kg

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



#37_LTE Band 26_15M_QPSK_1_0_Back_10mm_Ch26865

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

Medium: MSL_850_170503 Medium parameters used : $f = 831.5$ MHz; $\sigma = 0.977$ S/m; $\epsilon_r = 57.466$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(10.14, 10.14, 10.14); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM-Right; Type: SAM; Serial: TP-1303
- 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) = 1.21 W/kg

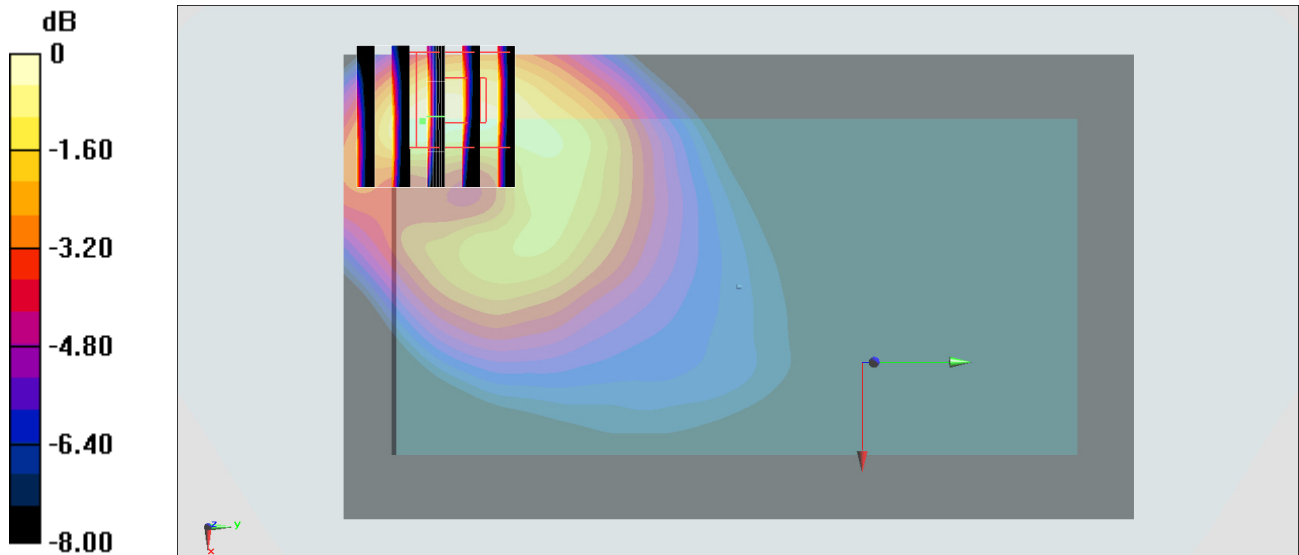
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.70 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.44 W/kg

SAR(1 g) = 0.797 W/kg; SAR(10 g) = 0.463 W/kg

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



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

#38_LTE Band 41_20M_QPSK_1_0_Front_10mm_Ch41490

Communication System: LTE TDD ; Frequency: 2680 MHz; Duty Cycle: 1:1.233

Medium: MSL_2600_170509 Medium parameters used: $f = 2680$ MHz; $\sigma = 2.285$ S/m; $\epsilon_r = 52.121$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(7.46, 7.46, 7.46); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (91x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.30 W/kg

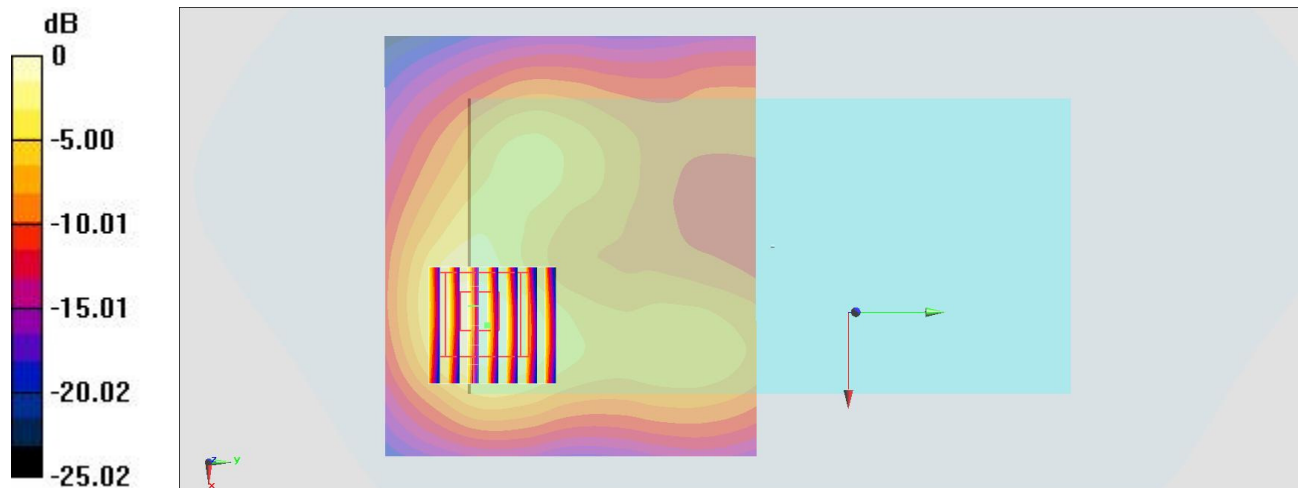
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.42 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 0.816 W/kg; SAR(10 g) = 0.399 W/kg

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



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

#39_WLAN2.4GHz_802.11b 1Mbps_Bottom side_10mm_Ch11;Ant 2

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

Medium: MSL_2450_170423 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.04$ S/m; $\epsilon_r = 52.141$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.73, 7.73, 7.73); Calibrated: 2016/10/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2016/9/28
- Phantom: SAM-Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (51x71x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.604 W/kg

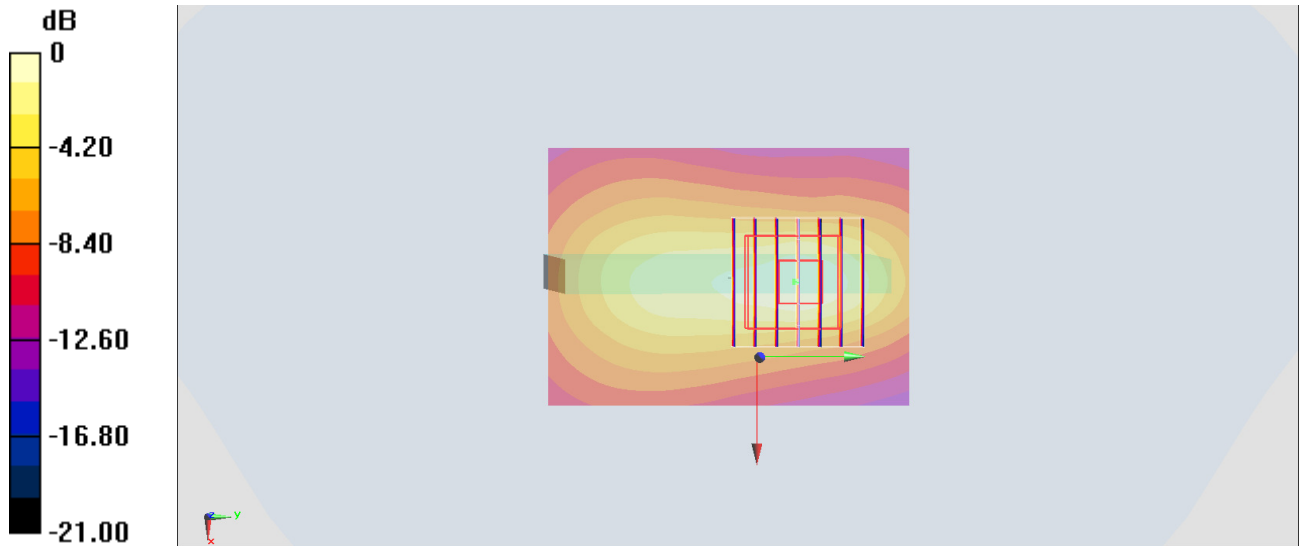
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 15.15 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.739 W/kg

SAR(1 g) = 0.303 W/kg; SAR(10 g) = 0.175 W/kg

Maximum value of SAR (measured) = 0.589 W/kg



0 dB = 0.589 W/kg = -2.30 dBW/kg

#40_WLAN5GHz_802.11a 6Mbps_Front_10mm_Ch36;Ant 1

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1.156

Medium: MSL_5G_170417 Medium parameters used: $f = 5180$ MHz; $\sigma = 5.427$ mho/m; $\epsilon_r = 47.15$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.39, 4.39, 4.39); Calibrated: 2016/5/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Area Scan (101x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.243 mW/g

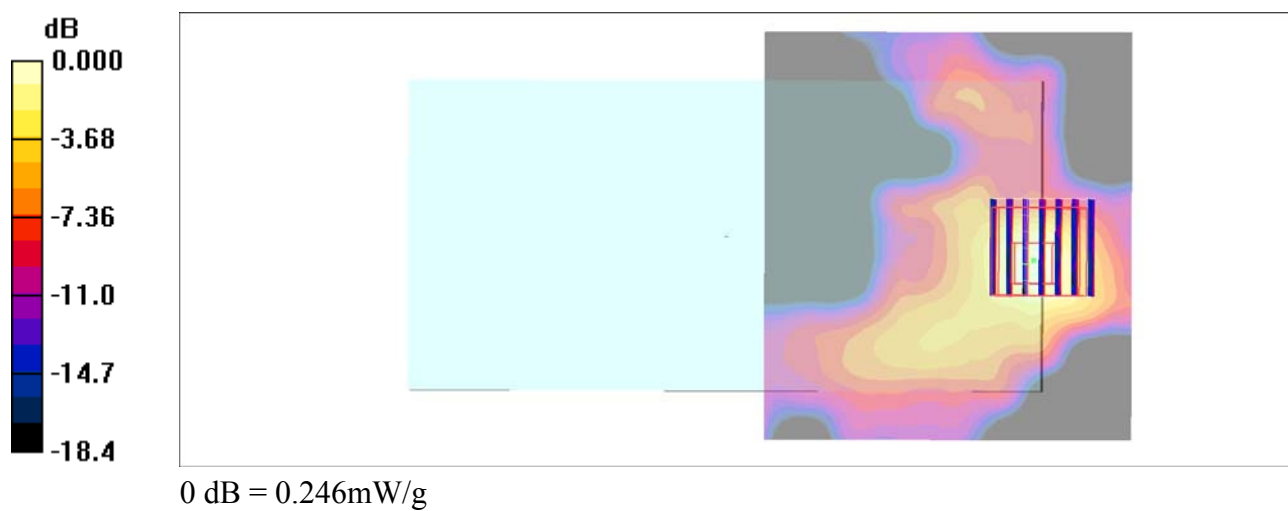
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.69 V/m; Power Drift = -0.158 dB

Peak SAR (extrapolated) = 0.418 W/kg

SAR(1 g) = 0.109 mW/g; SAR(10 g) = 0.029 mW/g

Maximum value of SAR (measured) = 0.246 mW/g



#41_WLAN5GHz_802.11ac-VHT80 MCS0_Top Side_10mm_Ch155;Ant 2

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.167

Medium: MSL_5G_170417 Medium parameters used: $f = 5775$ MHz; $\sigma = 6.2$ mho/m; $\epsilon_r = 46.2$; $\rho = 1000$ kg/m³

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

DASY4 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(3.85, 3.85, 3.85); Calibrated: 2016/5/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2016/5/27
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- ;Postprocessing SW: SEMCAD, V1.8 Build 159

Area Scan (51x101x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.467 mW/g

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

Reference Value = 6.98 V/m; Power Drift = 0.013 dB

Peak SAR (extrapolated) = 0.706 W/kg

SAR(1 g) = 0.168 mW/g; SAR(10 g) = 0.058 mW/g

Maximum value of SAR (measured) = 0.467 mW/g

