

#01_GSM850_GPRS (4 Tx slots)_Right Cheek_Ch251

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

Medium: HSL_850_180613 Medium parameters used: $f = 849$ MHz; $\sigma = 0.886$ S/m; $\epsilon_r = 42.233$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.39, 6.39, 6.39) @ 848.8 MHz; Calibrated: 2018/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

Maximum value of SAR (interpolated) = 0.675 W/kg

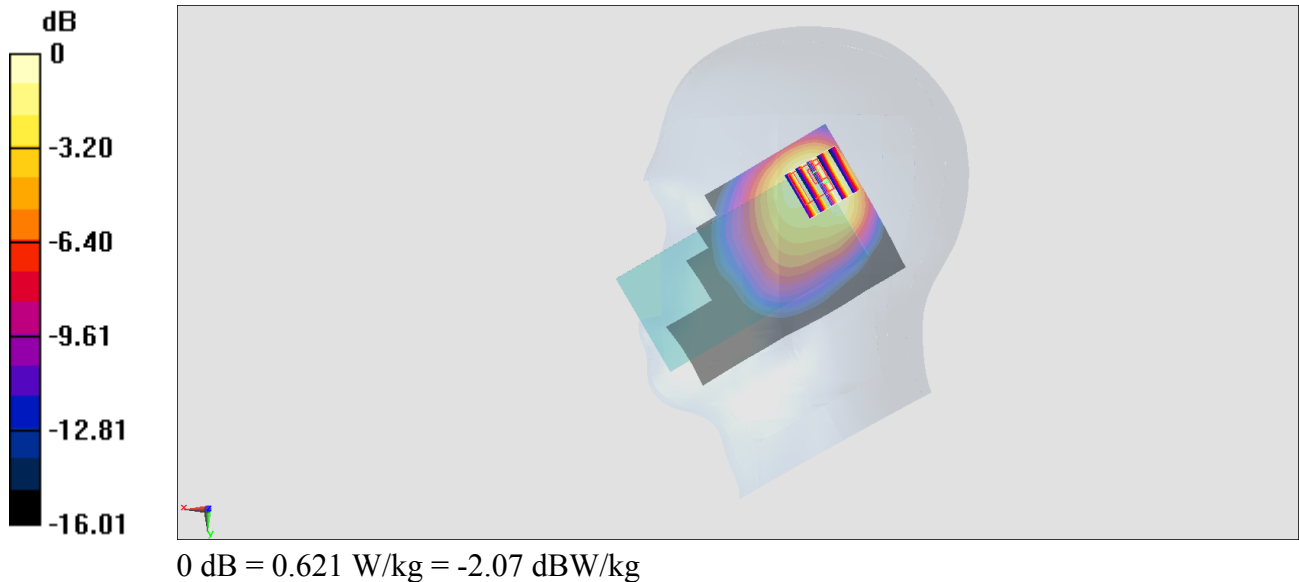
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.880 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.468 W/kg; SAR(10 g) = 0.255 W/kg

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



#02_GSM1900_GPRS (4 Tx slots)_Right Tilted_Ch512

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

Medium: HSL_1900_180613 Medium parameters used : $f = 1850.2$ MHz; $\sigma = 1.389$ S/m; $\epsilon_r = 39.683$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(5.27, 5.27, 5.27) @ 1850.2 MHz; Calibrated: 2018/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (71x41x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 1.43 W/kg

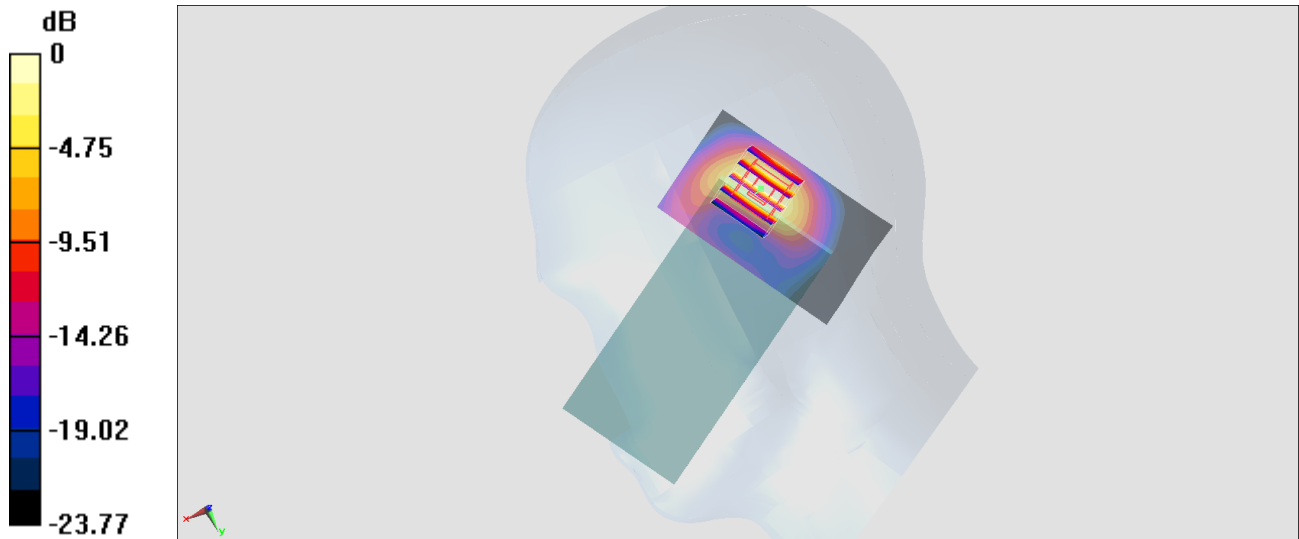
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 2.772 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 2.07 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.455 W/kg

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



0 dB = 1.39 W/kg = 1.43 dBW/kg

#03_WCDMA II_RMC 12.2Kbps_Right Tilted_Ch9262

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

Medium: HSL_1900_180605 Medium parameters used : $f = 1852.4$ MHz; $\sigma = 1.373$ S/m; $\epsilon_r = 40.992$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.2, 5.2, 5.2) @ 1852.4 MHz; Calibrated: 2017/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: SAM; Serial: TP:1479
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

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

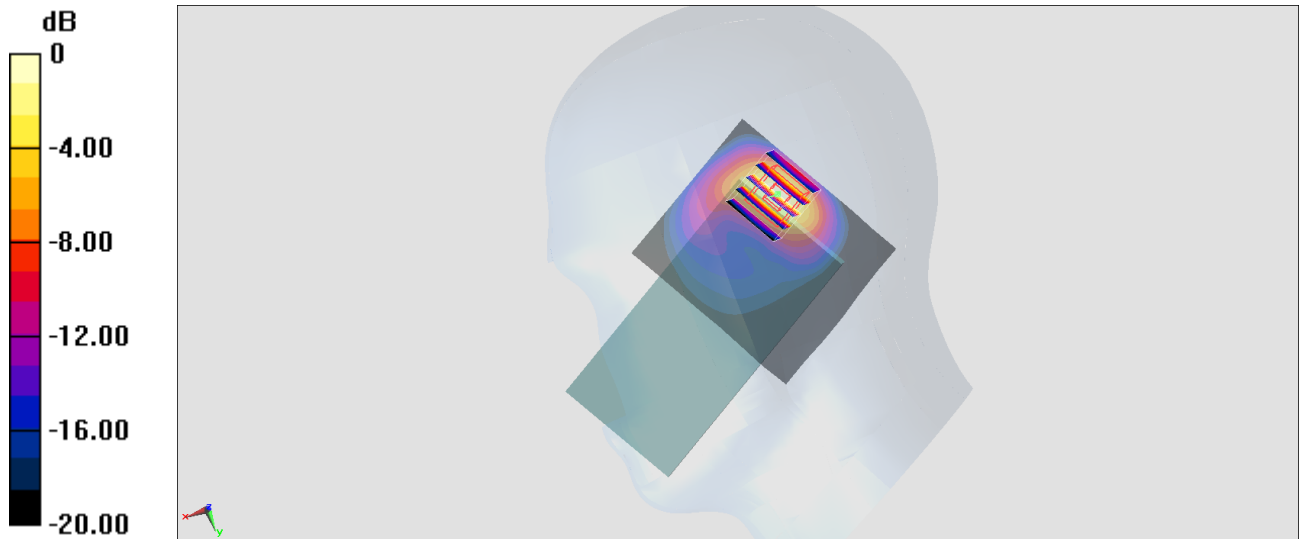
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.60 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 2.16 W/kg

SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.463 W/kg

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



0 dB = 1.39 W/kg = 1.43 dBW/kg

#04_WCDMA IV_RMC 12.2Kbps_Right Tilted_Ch1513

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

Medium: HSL_1750_180605 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.358$ S/m; $\epsilon_r = 39.529$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.24, 5.24, 5.24) @ 1752.6 MHz; Calibrated: 2017/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: SAM; Serial: TP:1479
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

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

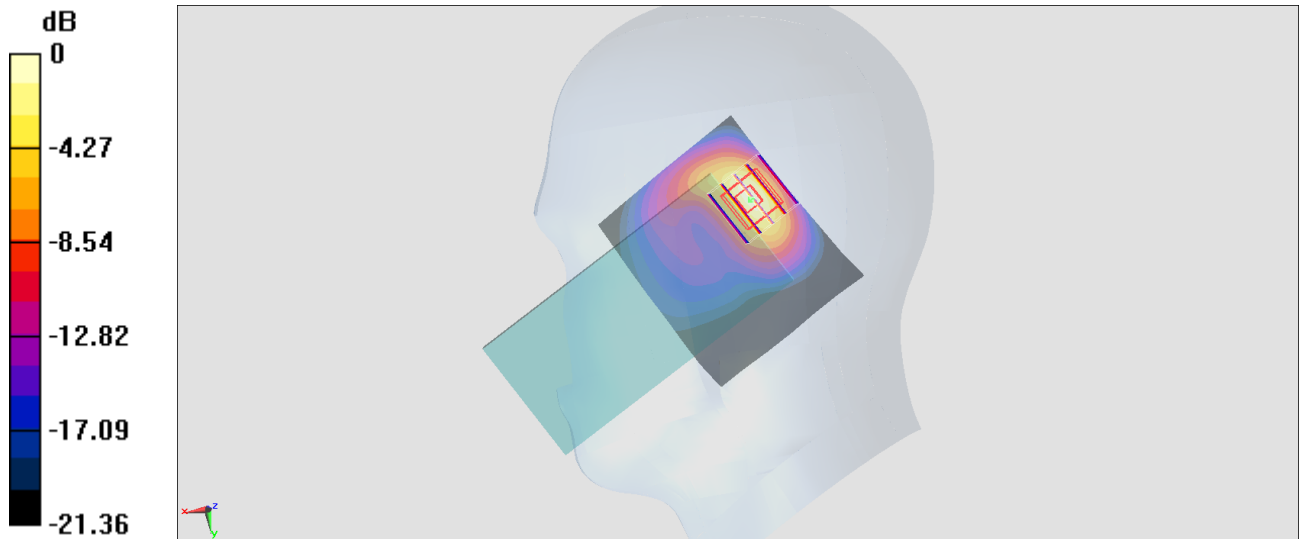
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.95 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 2.19 W/kg

SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.484 W/kg

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



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

#05_WCDMA V_RMC 12.2Kbps_Right Cheek_Ch4233

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

Medium: HSL_850_180603 Medium parameters used: $f = 847$ MHz; $\sigma = 0.884$ S/m; $\epsilon_r = 43.086$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(10.19, 10.19, 10.19); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2017/12/4
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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

Maximum value of SAR (interpolated) = 2.01 W/kg

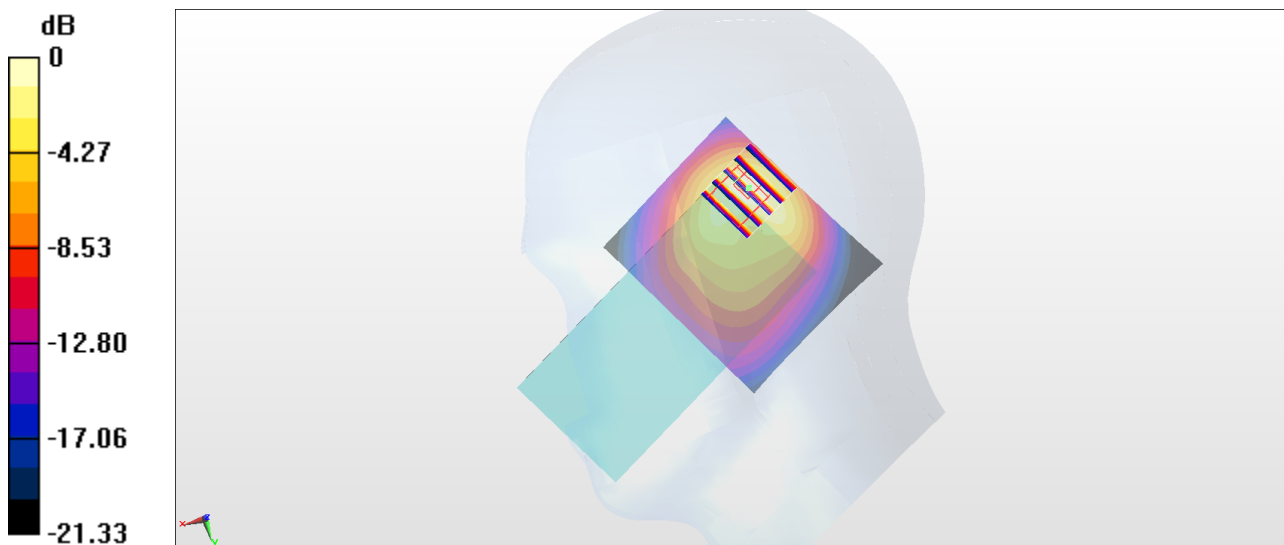
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 43.16 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 2.35 W/kg

SAR(1 g) = 0.945 W/kg; SAR(10 g) = 0.492 W/kg

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



0 dB = 2.01 W/kg = 3.03 dBW/kg

#06_CDMA BC0_1xRTT RC3 SO55_Right Cheek_Ch1013

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

Medium: HSL_850_180603 Medium parameters used: $f = 825$ MHz; $\sigma = 0.863$ S/m; $\epsilon_r = 43.35$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(10.19, 10.19, 10.19); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2017/12/4
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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

Maximum value of SAR (interpolated) = 1.72 W/kg

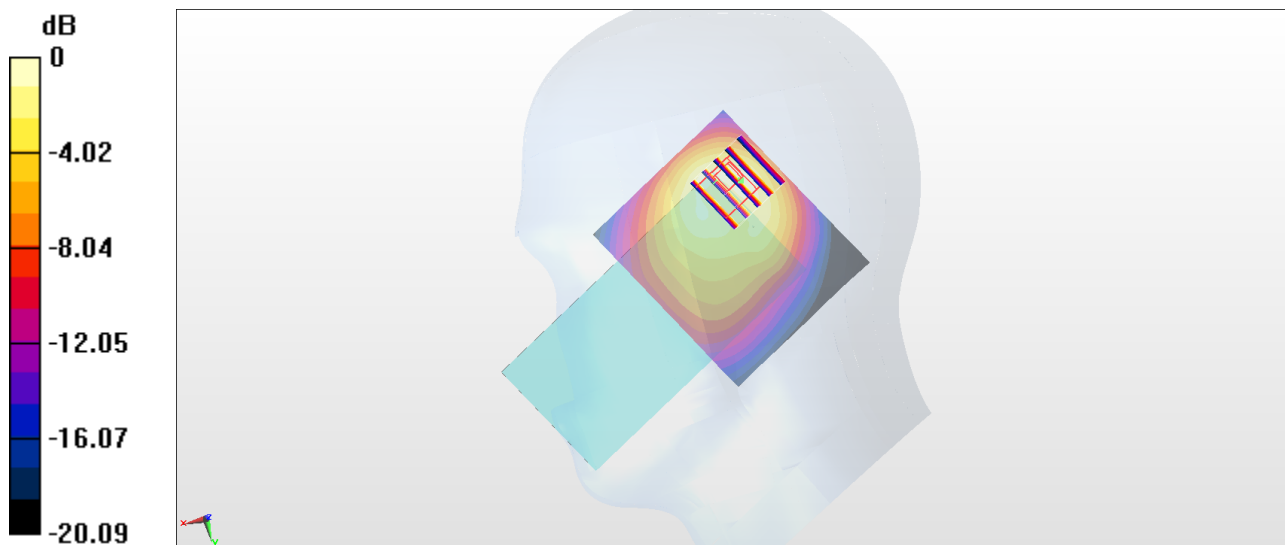
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 41.15 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 2.58 W/kg

SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.584 W/kg

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



0 dB = 1.72 W/kg = 2.36 dBW/kg

#07_CDMA BC1_1xRTT RC3 SO55_Right Tilted_Ch25

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

Medium: HSL_1900_180616 Medium parameters used : $f = 1851.25$ MHz; $\sigma = 1.383$ S/m; $\epsilon_r = 39.486$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.2, 5.2, 5.2); Calibrated: 2017/9/25;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Area Scan (71x51x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 1.34 W/kg

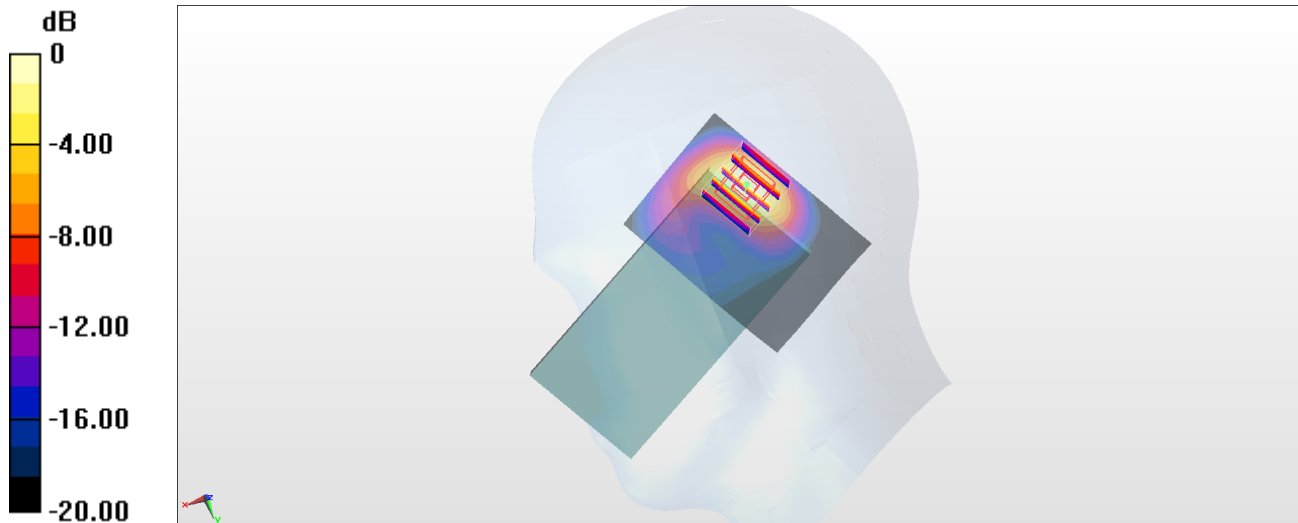
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 23.86 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.39 W/kg

SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.520 W/kg

Maximum value of SAR (measured) = 1.52 W/kg



0 dB = 1.34 W/kg = 1.27 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_180603 Medium parameters used : $f = 820.5$ MHz; $\sigma = 0.859$ S/m; $\epsilon_r = 43.399$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(10.19, 10.19, 10.19); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2017/12/4
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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

Maximum value of SAR (interpolated) = 1.63 W/kg

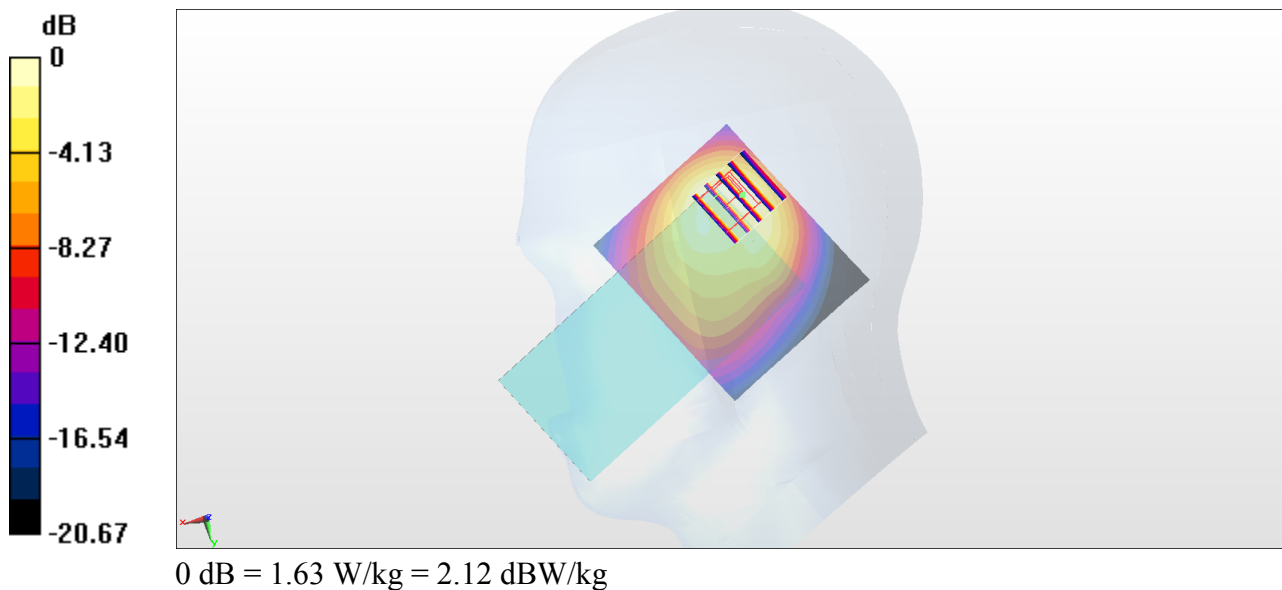
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 41.15 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.48 W/kg

SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.553 W/kg

Maximum value of SAR (measured) = 1.88 W/kg



#09_LTE Band 7_20M_QPSK_1_0_Right Cheek_Ch20850

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

Medium: HSL_2600_180607 Medium parameters used: $f = 2510$ MHz; $\sigma = 1.867$ S/m; $\epsilon_r = 38.878$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.75, 4.75, 4.75) @ 2510 MHz; Calibrated: 2017/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

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

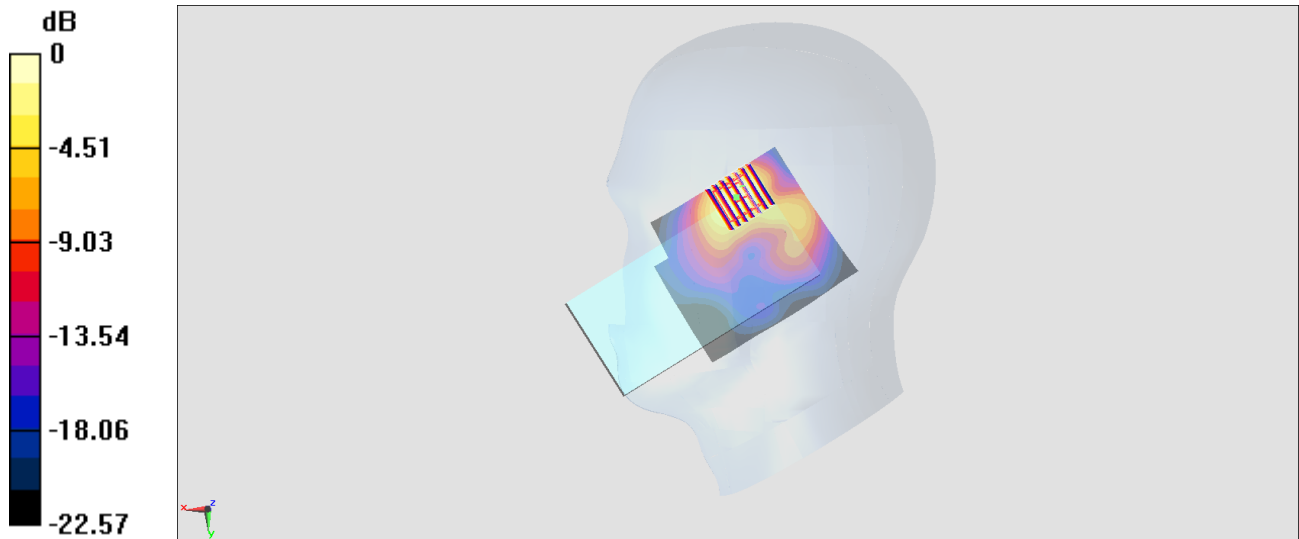
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.10 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 2.38 W/kg

SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.487 W/kg

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



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

#10_LTE Band 12_10M_QPSK_1_0_Right Cheek_Ch23095

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

Medium: HSL_750_180604 Medium parameters used : $f = 707.5$ MHz; $\sigma = 0.853$ S/m; $\epsilon_r = 42.842$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.34, 6.34, 6.34) @ 707.5 MHz; Calibrated: 2017/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: SAM; Serial: TP:1479
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

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

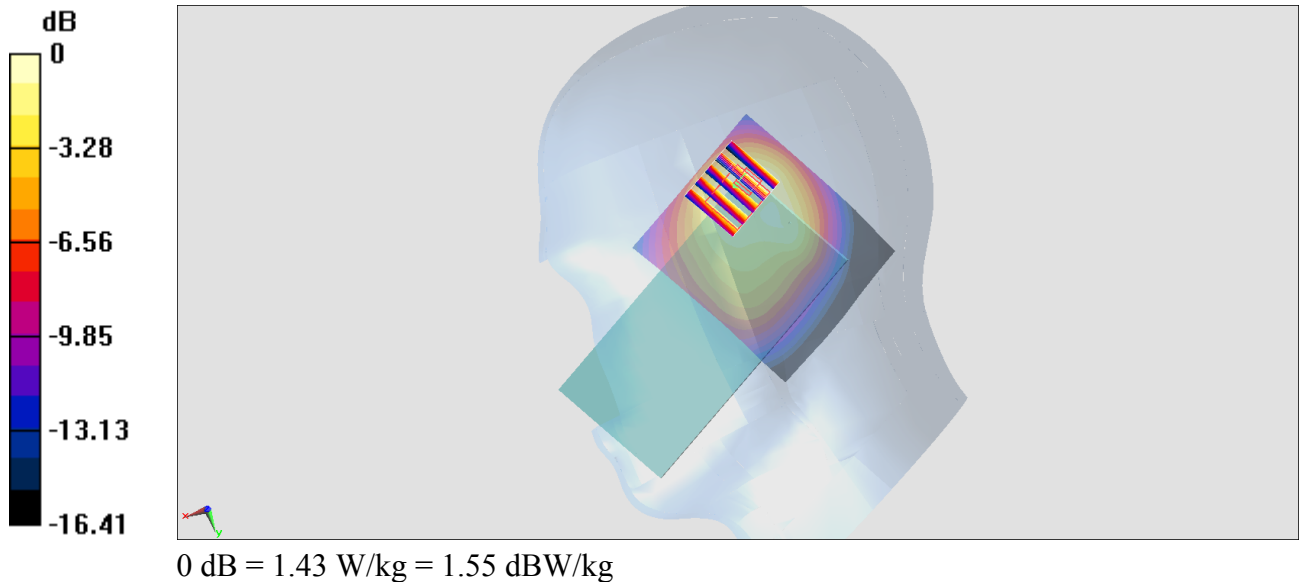
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.66 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.79 W/kg

SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.646 W/kg

Maximum value of SAR (measured) = 1.43 W/kg



#11_LTE Band 13_10M_QPSK_1_0_Right Cheek_Ch23230

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

Medium: HSL_750_180604 Medium parameters used: $f = 782$ MHz; $\sigma = 0.923$ S/m; $\epsilon_r = 41.839$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.34, 6.34, 6.34) @ 782 MHz; Calibrated: 2017/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: SAM; Serial: TP:1479
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

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

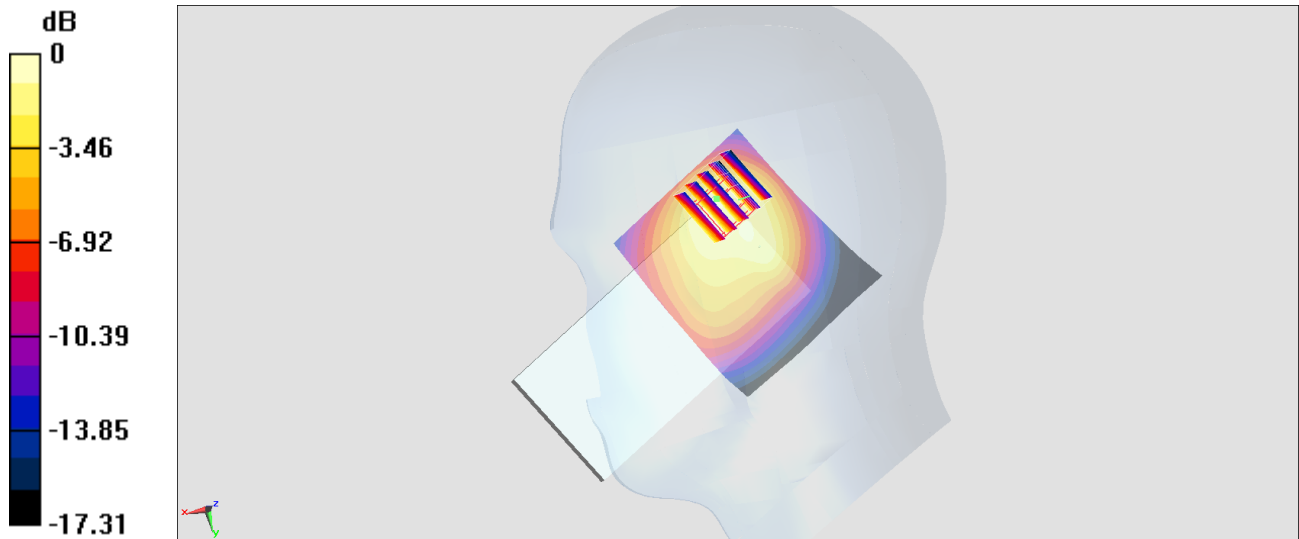
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 35.02 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.95 W/kg

SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.663 W/kg

Maximum value of SAR (measured) = 1.54 W/kg



0 dB = 1.54 W/kg = 1.88 dBW/kg

#12_LTE Band 25_20M_QPSK_1_0_Right Tilted_Ch26140

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

Medium: HSL_1900_180605 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.38$ S/m; $\epsilon_r = 40.962$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.2, 5.2, 5.2) @ 1860 MHz; Calibrated: 2017/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: SAM; Serial: TP:1479
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

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

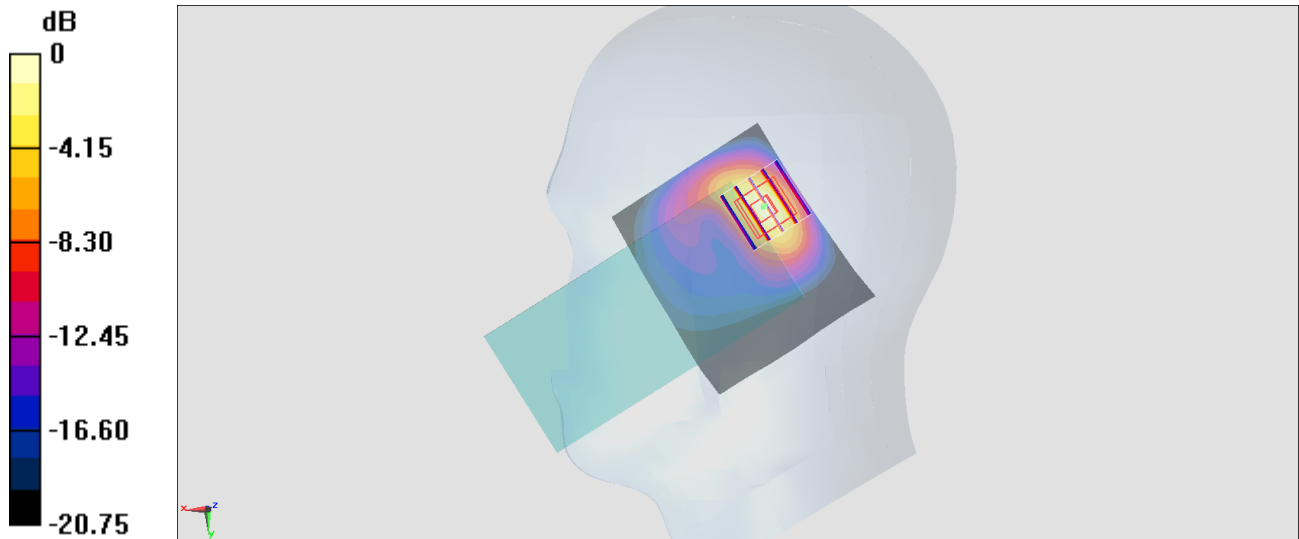
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.30 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.98 W/kg

SAR(1 g) = 0.966 W/kg; SAR(10 g) = 0.437 W/kg

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



0 dB = 1.30 W/kg = 1.14 dBW/kg

#13_LTE Band 26_15M_QPSK_1_0_Right Cheek_Ch26865

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

Medium: HSL_850_180603 Medium parameters used : $f = 831.5$ MHz; $\sigma = 0.869$ S/m; $\epsilon_r = 43.273$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(10.19, 10.19, 10.19); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2017/12/4
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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

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

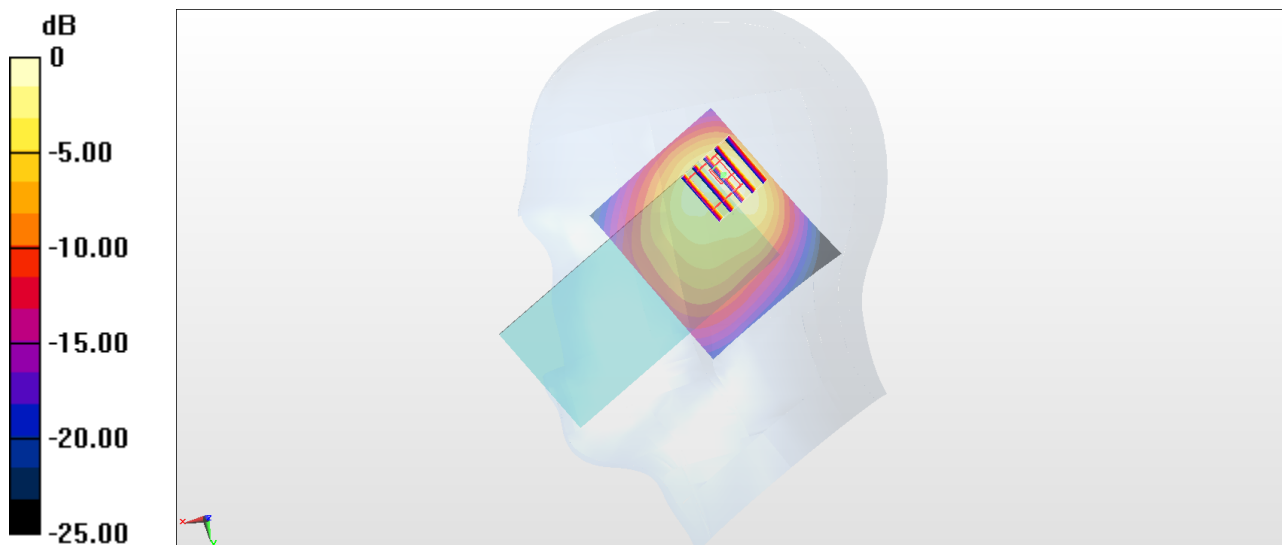
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 45.93 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 2.74 W/kg

SAR(1 g) = 1.1 W/kg; SAR(10 g) = 0.594 W/kg

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



0 dB = 2.27 W/kg = 3.56 dBW/kg

#14_LTE Band 30_10M_QPSK_25_0_Right Tilted_Ch27710

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

Medium: HSL_2300_180613 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.645$ S/m; $\epsilon_r = 39.619$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(4.91, 4.91, 4.91) @ 2310 MHz; Calibrated: 2018/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

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

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

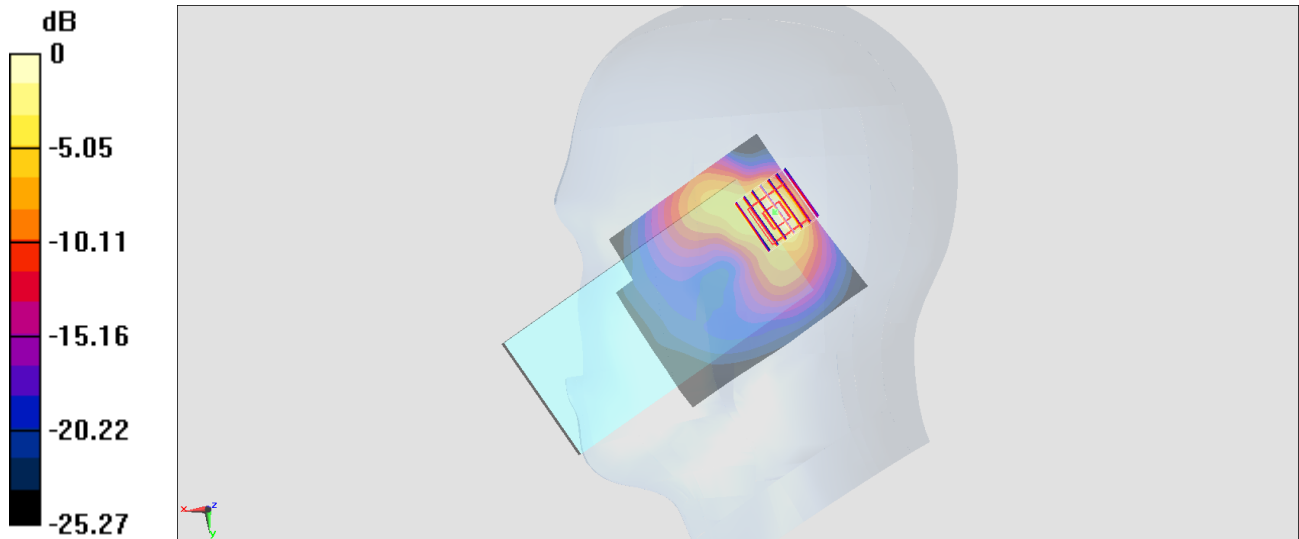
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.257 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.61 W/kg

SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.425 W/kg

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



0 dB = 1.47 W/kg = 1.67 dBW/kg

#15_LTE Band 66_20M_QPSK_100_0_Right Tilted_Ch132322

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

Medium: HSL_1750_180605 Medium parameters used: $f = 1745$ MHz; $\sigma = 1.353$ S/m; $\epsilon_r = 39.528$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(5.24, 5.24, 5.24) @ 1745 MHz; Calibrated: 2017/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: SAM; Serial: TP:1479
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

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

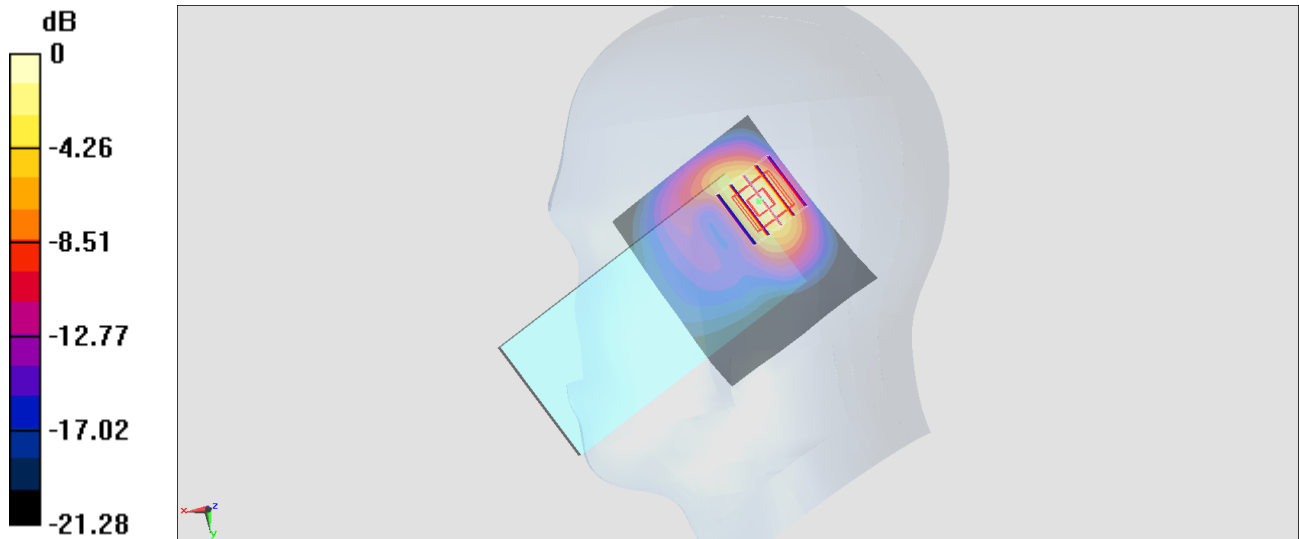
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.01 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.07 W/kg

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

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



0 dB = 1.36 W/kg = 1.34 dBW/kg

#16_LTE Band 71_20M_QPSK_1_0_Right Cheek_Ch133322

Communication System: LTE; Frequency: 683 MHz; Duty Cycle: 1:1

Medium: HSL_750_180606 Medium parameters used: $f = 683$ MHz; $\sigma = 0.857$ S/m; $\epsilon_r = 44.148$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(6.34, 6.34, 6.34) @ 683 MHz; Calibrated: 2017/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: SAM; Serial: TP:1479
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

Maximum value of SAR (interpolated) = 0.964 W/kg

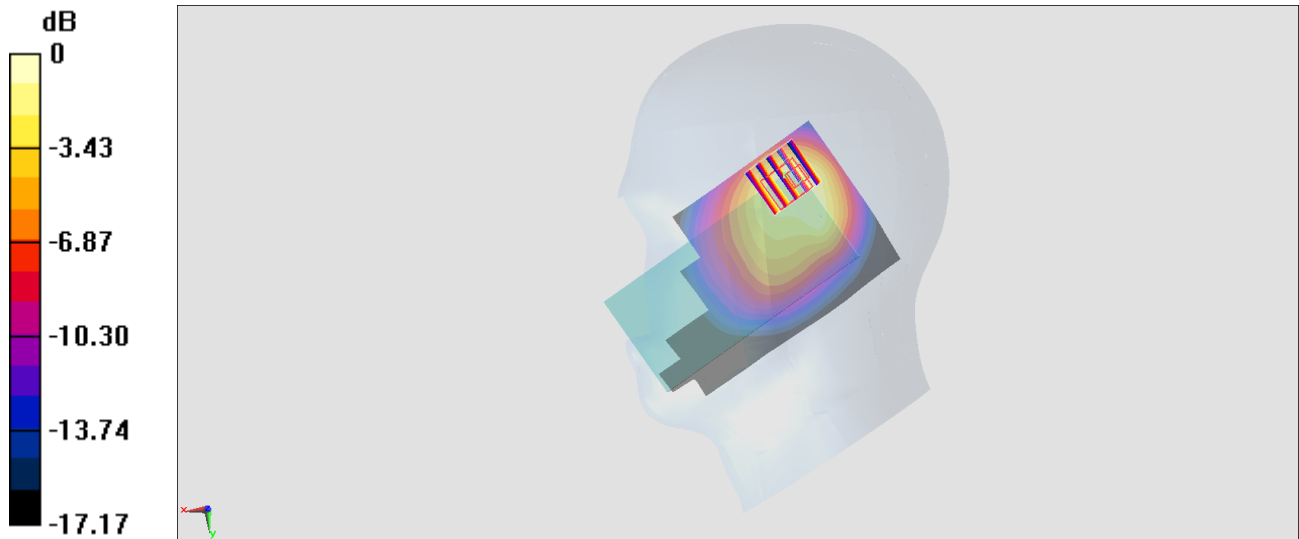
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.54 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 2.27 W/kg

SAR(1 g) = 0.898 W/kg; SAR(10 g) = 0.496 W/kg

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



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

#17_LTE Band 41_20M_QPSK_1_0_Right Cheek_Ch40185

Communication System: LTE; Frequency: 2549.5 MHz; Duty Cycle: 1:1.59

Medium: HSL_2600_180607 Medium parameters used: $f = 2550$ MHz; $\sigma = 1.913$ S/m; $\epsilon_r = 38.727$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.75, 4.75, 4.75) @ 2549.5 MHz; Calibrated: 2017/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

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

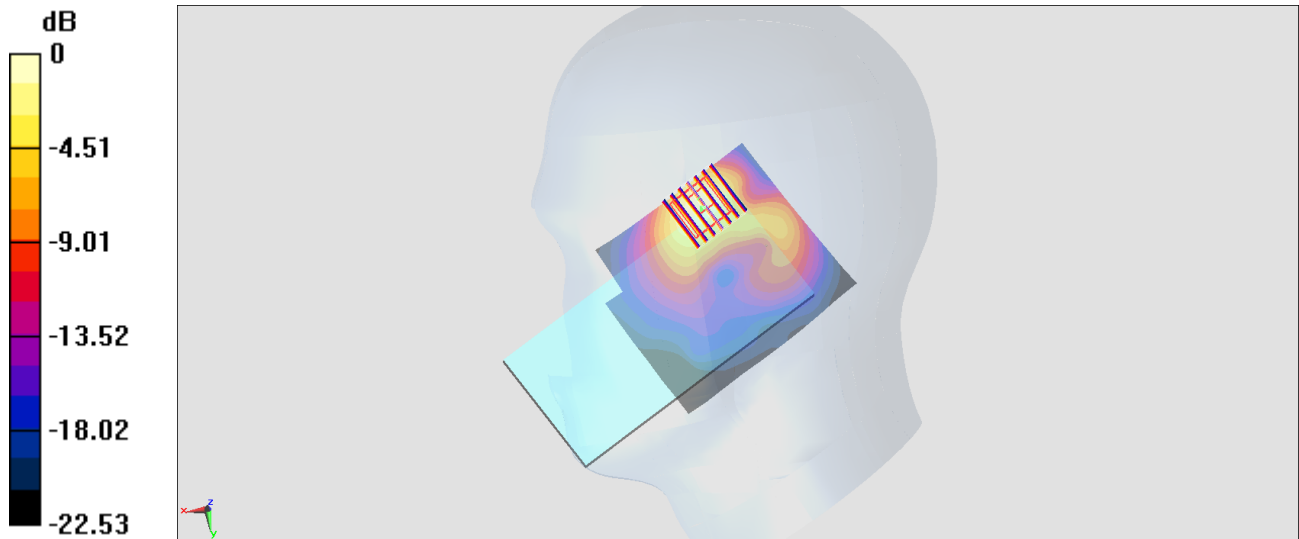
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.31 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.28 W/kg

SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.459 W/kg

Maximum value of SAR (measured) = 1.34 W/kg



0 dB = 1.34 W/kg = 1.27 dBW/kg

#18_WLAN2.4GHz_802.11b 1Mbps_Left Cheek_Ch11;Ant 5

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1.008

Medium: HSL_2450_180613 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.829$ S/m; $\epsilon_r = 37.953$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(7.75, 7.75, 7.75); Calibrated: 2018/1/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2018/5/25
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7437)

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

Maximum value of SAR (interpolated) = 2.25 W/kg

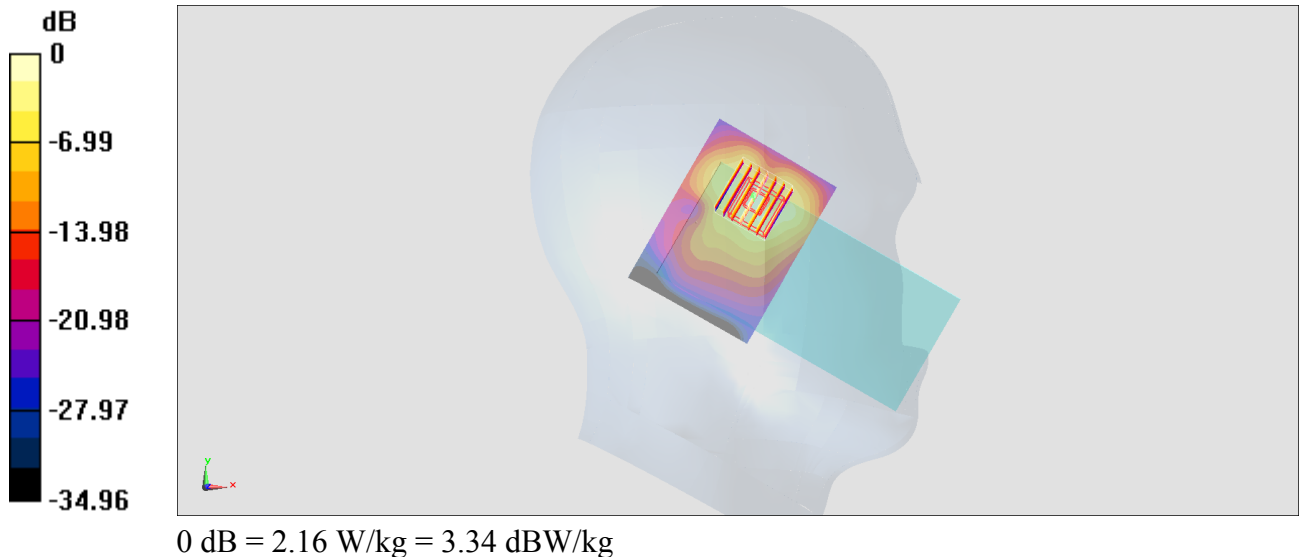
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 30.98 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 2.91 W/kg

SAR(1 g) = 1.24 W/kg; SAR(10 g) = 0.500 W/kg

Maximum value of SAR (measured) = 2.16 W/kg



#19_WLAN5GHz_802.11n-HT40 MCS0_Left Tilted_Ch46;Ant 6+5

Communication System: 802.11n; Frequency: 5230 MHz; Duty Cycle: 1:1.042

Medium: HSL_5G_180610 Medium parameters used: $f = 5230$ MHz; $\sigma = 4.528$ S/m; $\epsilon_r = 36.813$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(5.56, 5.56, 5.56); Calibrated: 2018/1/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2018/5/25
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7437)

Area Scan (91x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

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

Reference Value = 11.61 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 3.67 W/kg

SAR(1 g) = 0.872 W/kg; SAR(10 g) = 0.260 W/kg

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

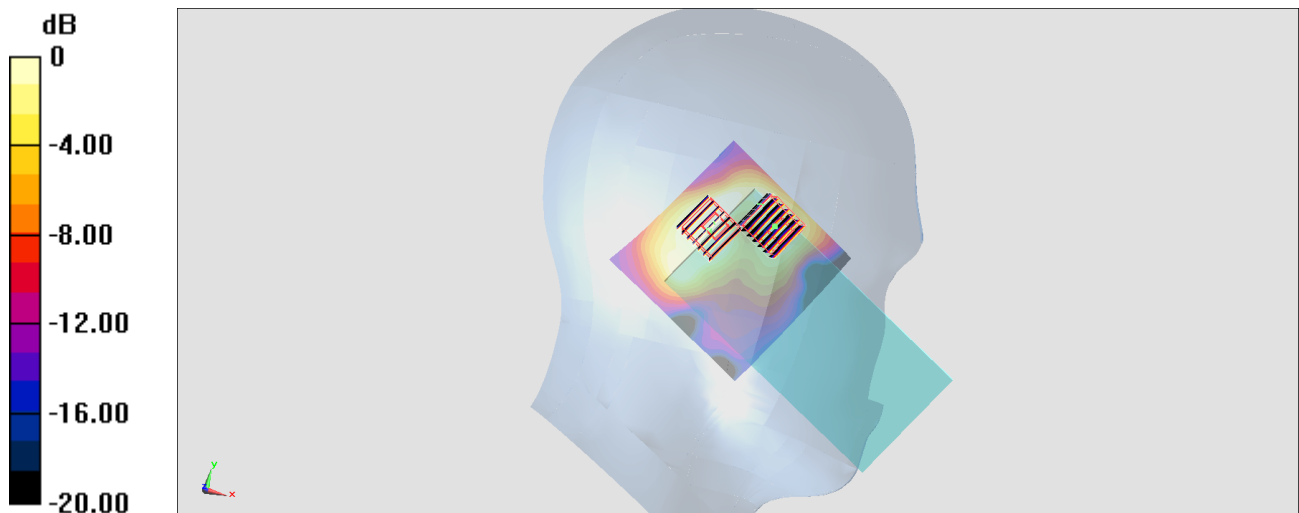
Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.61 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.653 W/kg

SAR(1 g) = 0.165 W/kg; SAR(10 g) = 0.069 W/kg

Maximum value of SAR (measured) = 0.388 W/kg



0 dB = 0.388 W/kg = -4.11 dBW/kg

#20_WLAN5GHz_802.11n-HT40 MCS0_Left Tilted_Ch54;Ant 6

Communication System: 802.11n; Frequency: 5270 MHz; Duty Cycle: 1:1.043

Medium: HSL_5G_180602 Medium parameters used : $f = 5270$ MHz; $\sigma = 4.613$ S/m; $\epsilon_r = 35.92$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(5.56, 5.56, 5.56); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2017/12/4
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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

Maximum value of SAR (interpolated) = 3.08 W/kg

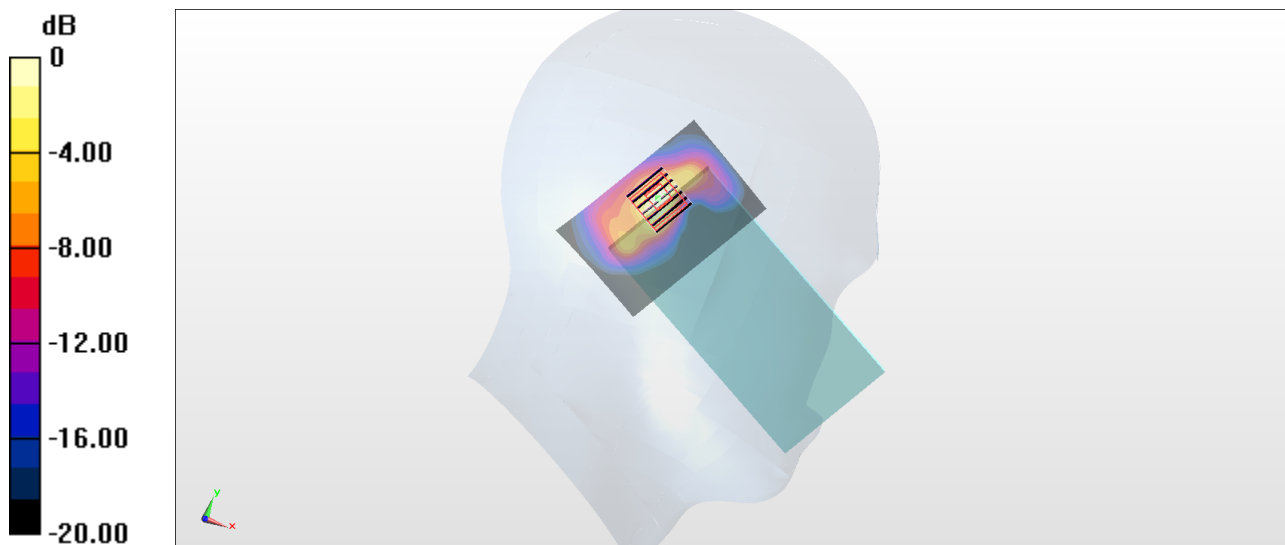
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 14.80 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 5.43 W/kg

SAR(1 g) = 1.2 W/kg; SAR(10 g) = 0.374 W/kg

Maximum value of SAR (measured) = 3.02 W/kg



0 dB = 3.08 W/kg = 4.89 dBW/kg

#21_WLAN5GHz_802.11ac-VHT80 MCS0_Left Tilted_Ch106;Ant 6

Communication System: 802.11ac ; Frequency: 5530 MHz;Duty Cycle: 1:1.046

Medium: HSL_5G_180602 Medium parameters used: $f = 5530$ MHz; $\sigma = 4.868$ S/m; $\epsilon_r = 35.546$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.97, 4.97, 4.97); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2017/12/4
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (0);SEMCAD X Version 14.6.10 (7417)

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

Maximum value of SAR (interpolated) = 2.63 W/kg

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

Reference Value = 13.99 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 4.83 W/kg

SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.323 W/kg

Maximum value of SAR (measured) = 2.85 W/kg



0 dB = 2.63 W/kg = 4.20 dBW/kg

#22_WLAN5GHz_802.11ac-VHT80 MCS0_Left Tilted_Ch155;Ant 6

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.046

Medium: HSL_5G_180602 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.132$ S/m; $\epsilon_r = 35.221$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(5.04, 5.04, 5.04); Calibrated: 2018/1/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2017/12/4
- Phantom: SAM_RIGHT; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

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

Maximum value of SAR (interpolated) = 2.97 W/kg

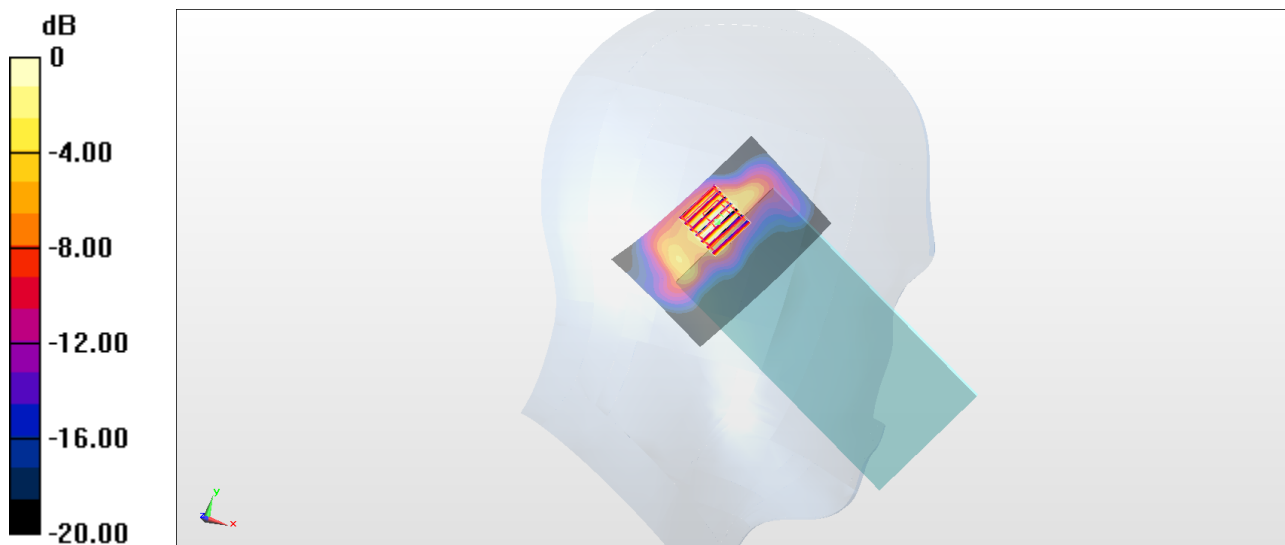
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 15.90 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 5.74 W/kg

SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.367 W/kg

Maximum value of SAR (measured) = 3.17 W/kg



0 dB = 2.97 W/kg = 4.73 dBW/kg

#23_Bluetooth_1Mbps_Left Cheek_Ch39_Ant 4

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.305

Medium: HSL_2450_180604 Medium parameters used : $f = 2441$ MHz; $\sigma = 1.787$ S/m; $\epsilon_r = 38.746$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7346; ConvF(7.49, 7.49, 7.49); Calibrated: 2018/2/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2017/11/16
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7437)

Area Scan (71x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.01 W/kg

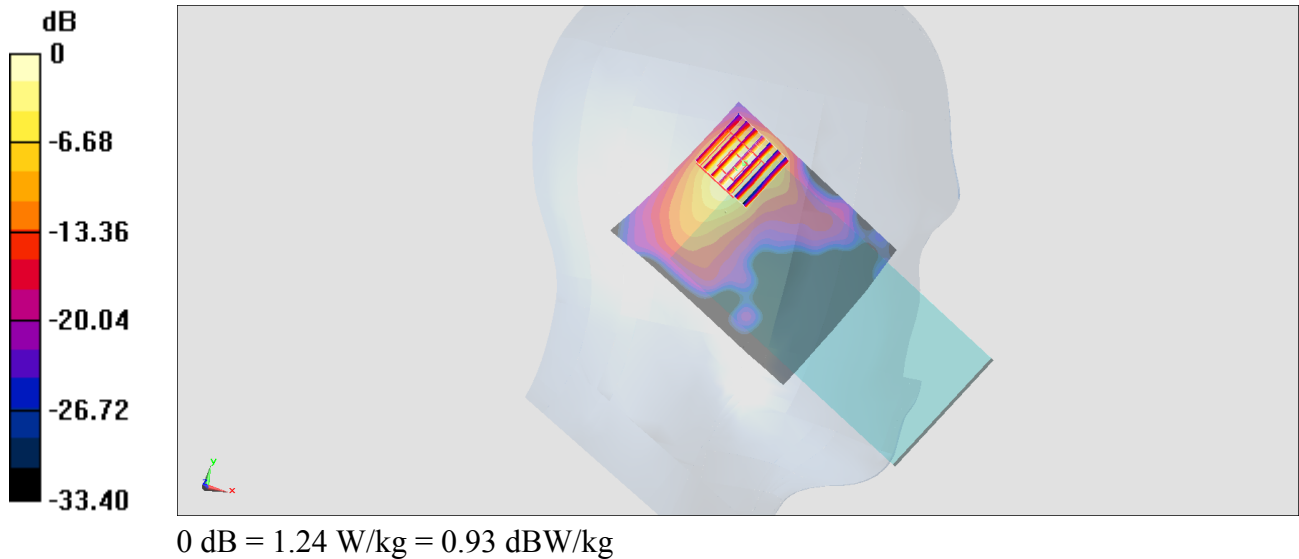
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.73 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.79 W/kg

SAR(1 g) = 0.650 W/kg; SAR(10 g) = 0.242 W/kg

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



#24_GSM850_GPRS (4 Tx slots)_Back_10mm_Ch128

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

Medium: MSL_850_180612 Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.956$ S/m; $\epsilon_r = 56.381$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.19, 6.19, 6.19) @ 824.2 MHz; Calibrated: 2018/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

Maximum value of SAR (interpolated) = 0.229 W/kg

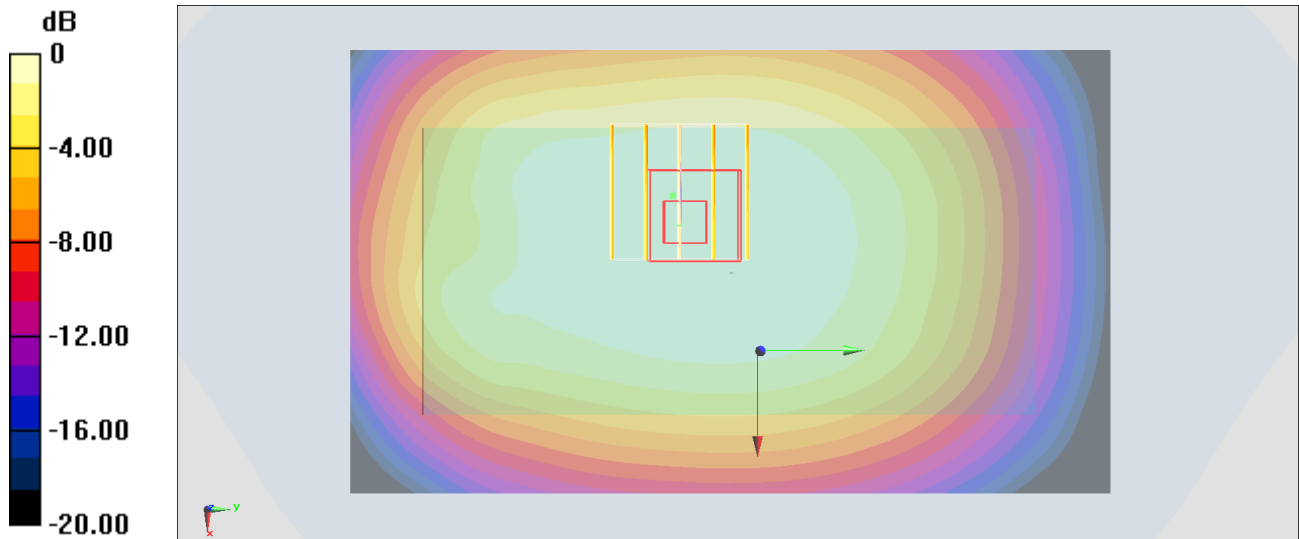
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.68 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.267 W/kg

SAR(1 g) = 0.212 W/kg; SAR(10 g) = 0.167 W/kg

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



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

#25_GSM1900_GPRS (4 Tx slots)_Top Side_10mm_Ch512

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

Medium: MSL_1900_180611 Medium parameters used: $f = 1850.2$ MHz; $\sigma = 1.511$ S/m; $\epsilon_r = 53.75$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(4.8, 4.8, 4.8) @ 1850.2 MHz; Calibrated: 2018/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM_Right; Type: SAM; Serial: TP:1479
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

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

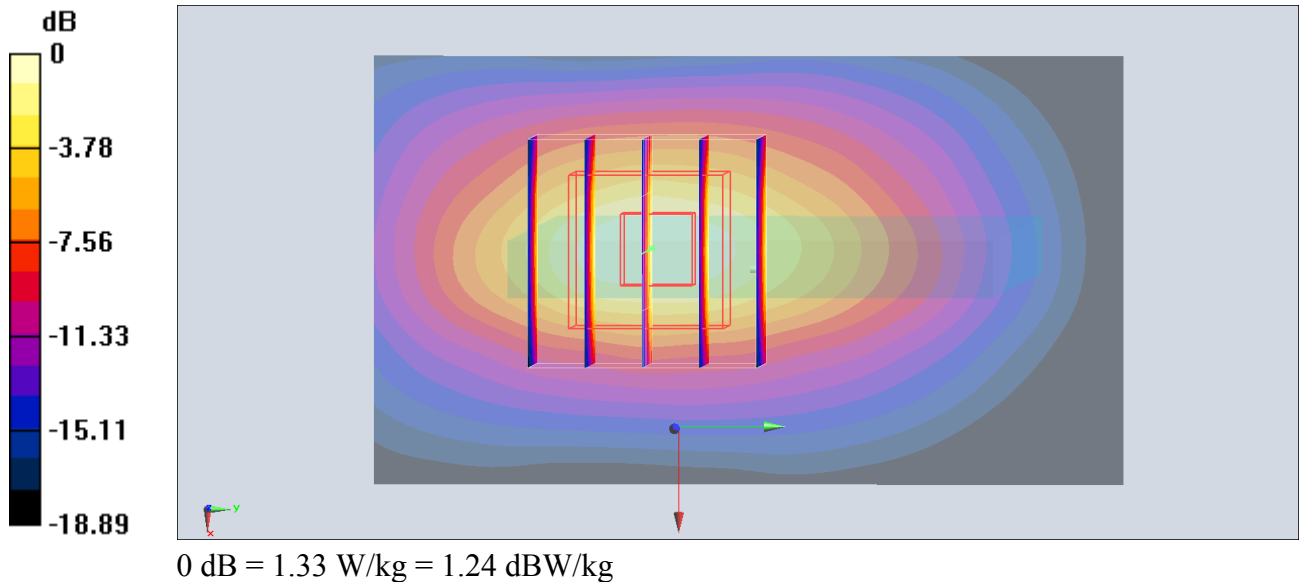
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.70 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.89 W/kg

SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.514 W/kg

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



#26_WCDMA II_RMC 12.2Kbps_Top Side_10mm_Ch9400

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

Medium: MSL_1900_180611 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.488$ S/m; $\epsilon_r = 53.994$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3270;ConvF(4.9, 4.9, 4.9) @ 1880 MHz;Calibrated: 2017/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

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

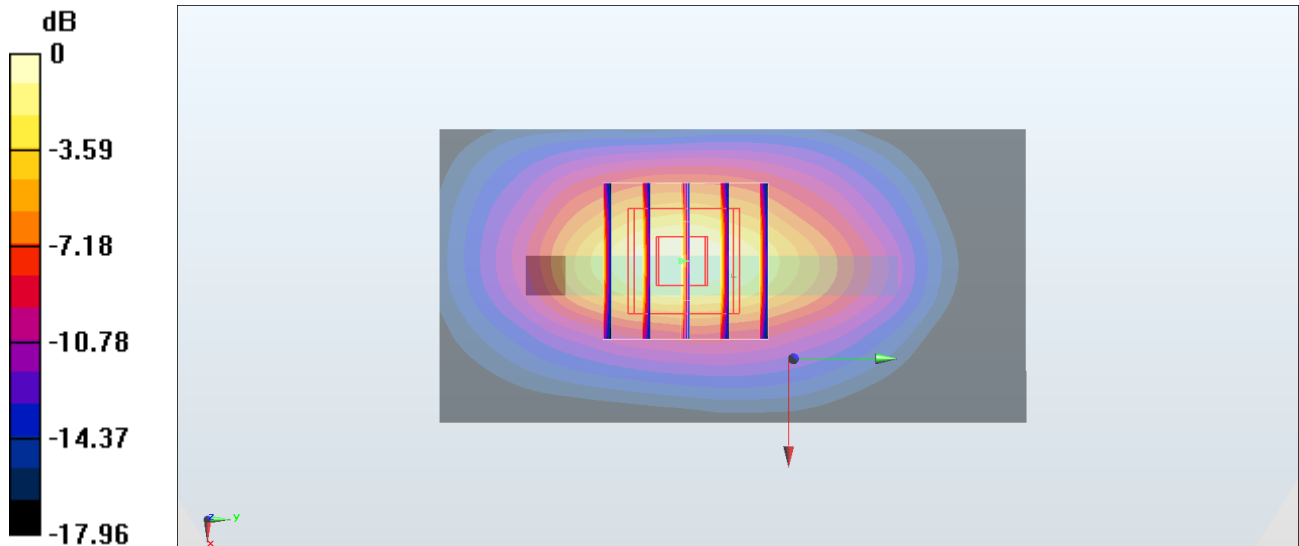
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.15 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.05 W/kg

SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.569 W/kg

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



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

#27_WCDMA IV_RMC 12.2Kbps_Top Side_10mm_Ch1513

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

Medium: MSL_1750_180611 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.471$ S/m; $\epsilon_r = 53.99$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3270;ConvF(5, 5, 5) @ 1752.6 MHz;Calibrated: 2017/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

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

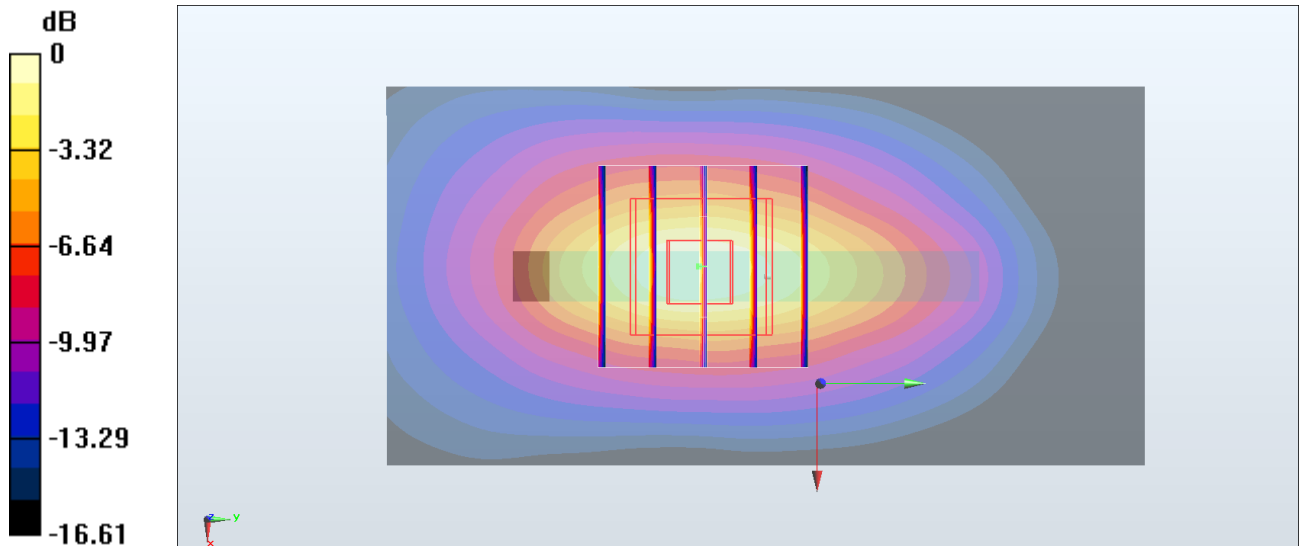
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.09 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.98 W/kg

SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.596 W/kg

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



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

#28_WCDMA V_RMC 12.2Kbps_Front_10mm_Ch4132

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

Medium: MSL_850_180528 Medium parameters used : $f = 826.4$ MHz; $\sigma = 0.956$ S/m; $\epsilon_r = 55.007$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(10.09, 10.09, 10.09) @; Calibrated: 2017/9/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2017/11/2
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

Maximum value of SAR (interpolated) = 0.521 W/kg

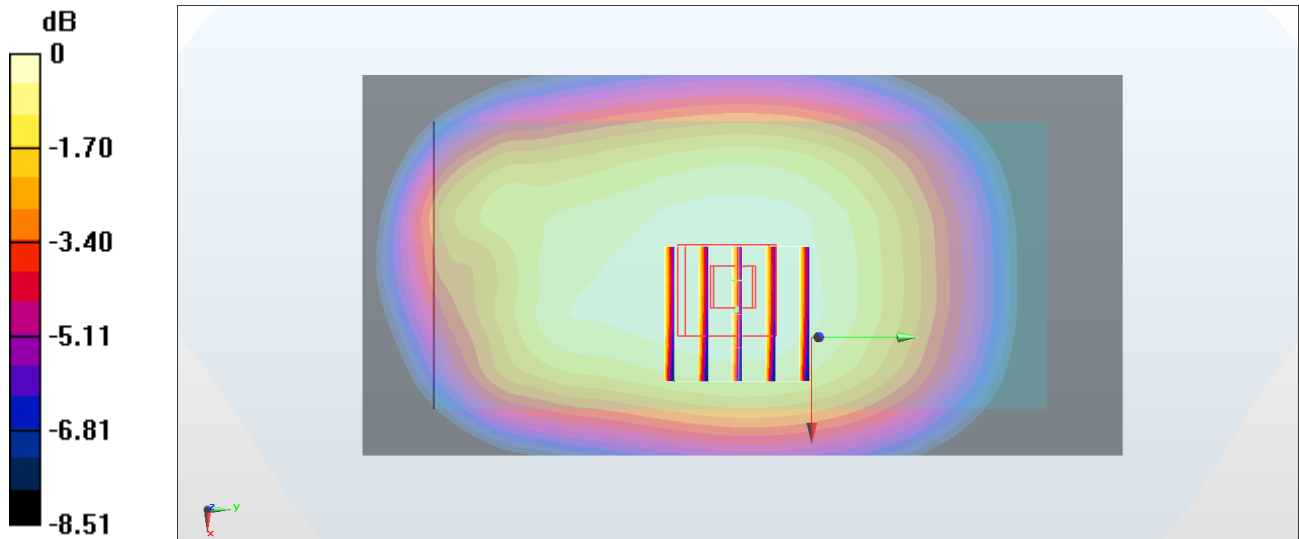
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.75 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.573 W/kg

SAR(1 g) = 0.434 W/kg; SAR(10 g) = 0.337 W/kg

Maximum value of SAR (measured) = 0.522 W/kg



0 dB = 0.522 W/kg = -2.82 dBW/kg

#29_CDMA BC0_RTAP 153.6Kbps_Right Side_10mm_Ch777

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

Medium: MSL_850_180612 Medium parameters used: $f = 848.31$ MHz; $\sigma = 0.977$ S/m; $\epsilon_r = 56.144$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.19, 6.19, 6.19) @ 848.31 MHz; Calibrated: 2018/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

Maximum value of SAR (interpolated) = 0.591 W/kg

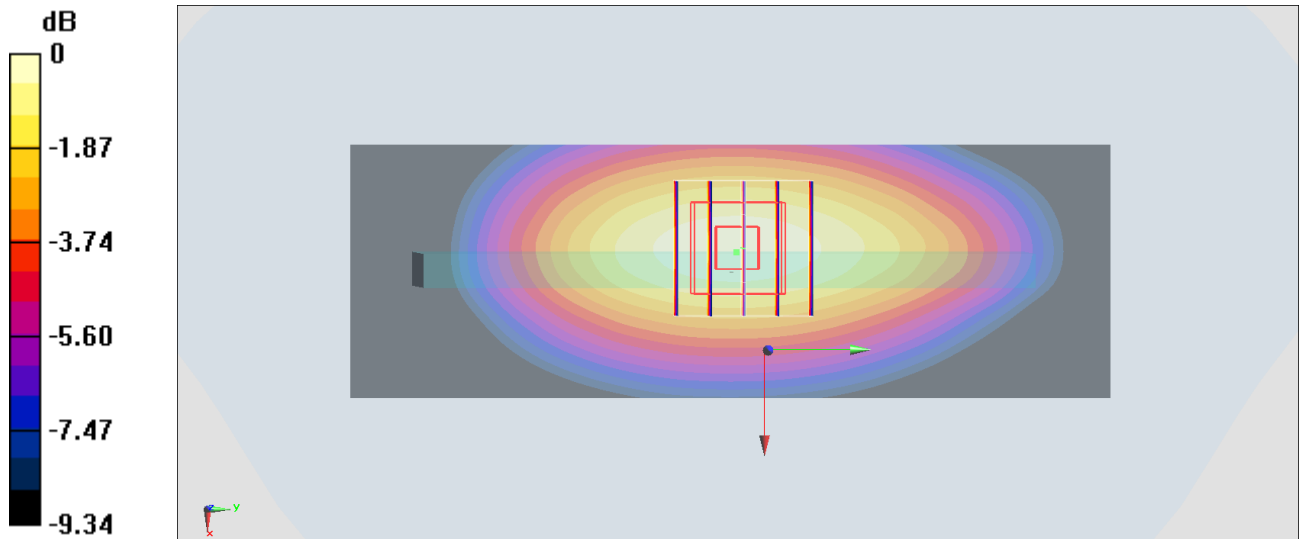
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 25.06 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.741 W/kg

SAR(1 g) = 0.520 W/kg; SAR(10 g) = 0.357 W/kg

Maximum value of SAR (measured) = 0.600 W/kg



0 dB = 0.600 W/kg = -2.22 dBW/kg

#30_CDMA BC1_RTAP 153.6Kbps_Top Side_10mm_Ch25

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

Medium: MSL_1900_180616 Medium parameters used : $f = 1851.25$ MHz; $\sigma = 1.509$ S/m; $\epsilon_r = 52.247$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.9, 4.9, 4.9); Calibrated: 2017/9/25;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.10 (0); SEMCAD X Version 14.6.10 (7417)

Area Scan (41x61x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

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

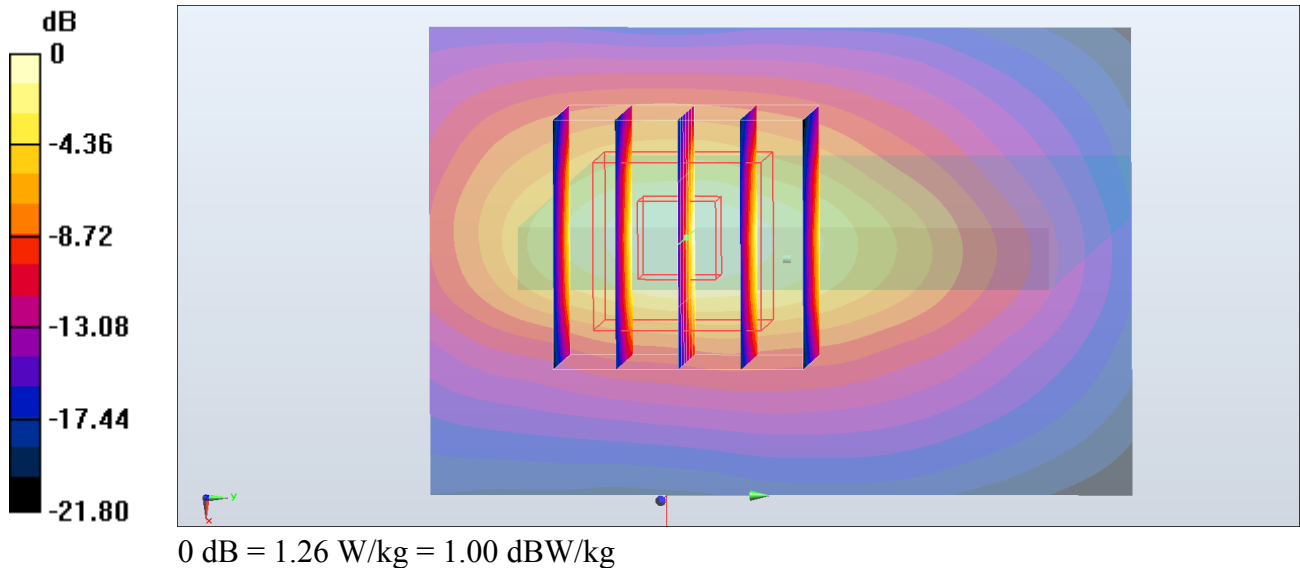
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 24.91 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.78 W/kg

SAR(1 g) = 0.974 W/kg; SAR(10 g) = 0.488 W/kg

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



#31_CDMA BC10_RTAP 153.6Kbps_Right Side_10mm_Ch580

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

Medium: MSL_850_180612 Medium parameters used: $f = 820.5$ MHz; $\sigma = 0.952$ S/m; $\epsilon_r = 56.415$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(6.19, 6.19, 6.19) @ 820.5 MHz; Calibrated: 2018/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

Maximum value of SAR (interpolated) = 0.561 W/kg

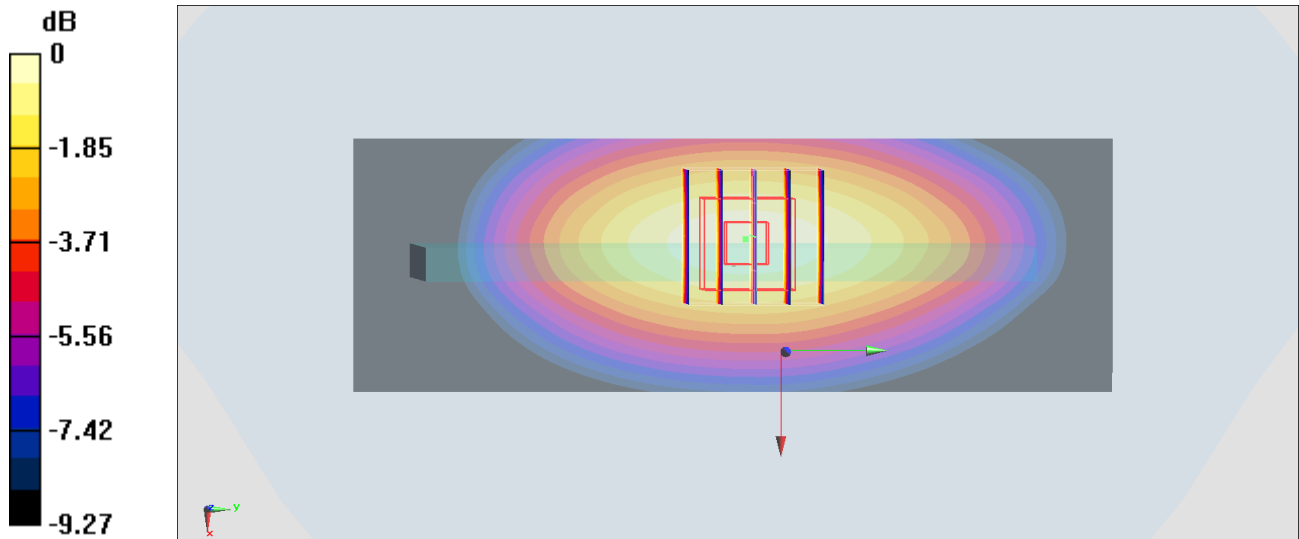
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 24.99 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.708 W/kg

SAR(1 g) = 0.502 W/kg; SAR(10 g) = 0.346 W/kg

Maximum value of SAR (measured) = 0.578 W/kg



0 dB = 0.578 W/kg = -2.38 dBW/kg

#32_LTE Band 7_20M_QPSK_1_0_Back_10mm_Ch21350

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

Medium: MSL_2600_180611 Medium parameters used: $f = 2560$ MHz; $\sigma = 2.134$ S/m; $\epsilon_r = 52.037$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(4.27, 4.27, 4.27) @ 2560 MHz; Calibrated: 2018/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

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

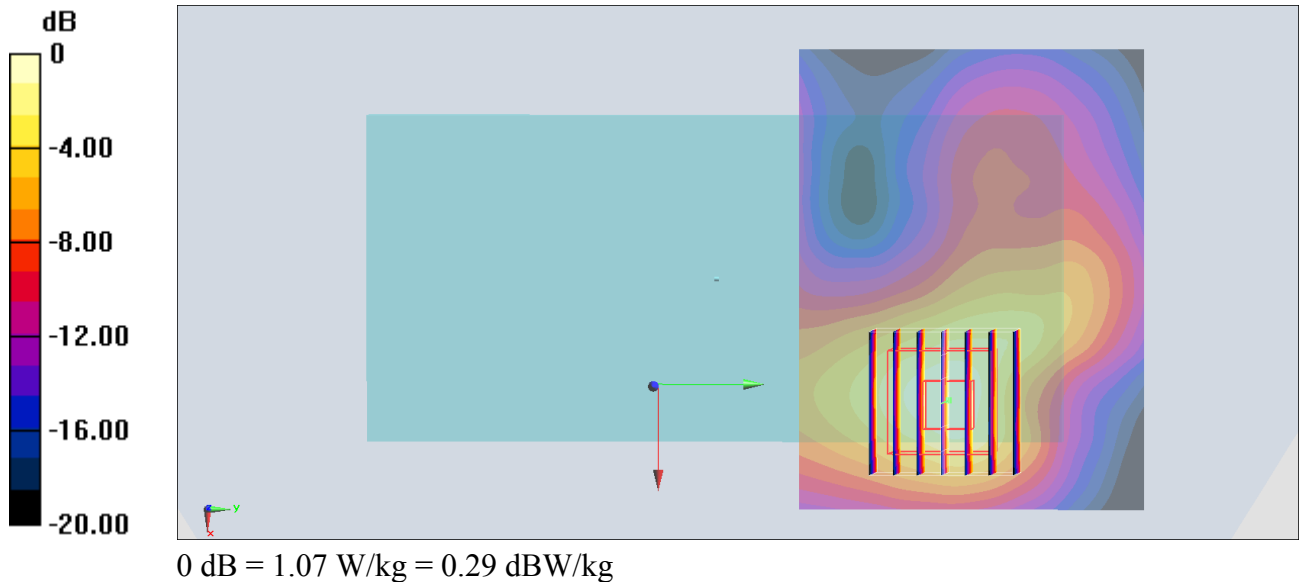
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.37 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.80 W/kg

SAR(1 g) = 0.819 W/kg; SAR(10 g) = 0.386 W/kg

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



#33_LTE Band 12_10M_QPSK_1_0_Front_10mm_Ch23095

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

Medium: MSL_750_180525 Medium parameters used : $f = 707.5$ MHz; $\sigma = 0.927$ S/m; $\epsilon_r = 54.038$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931;ConvF(10.34, 10.34, 10.34); Calibrated: 2017/9/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2017/11/2
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7437)

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

Maximum value of SAR (interpolated) = 0.352 W/kg

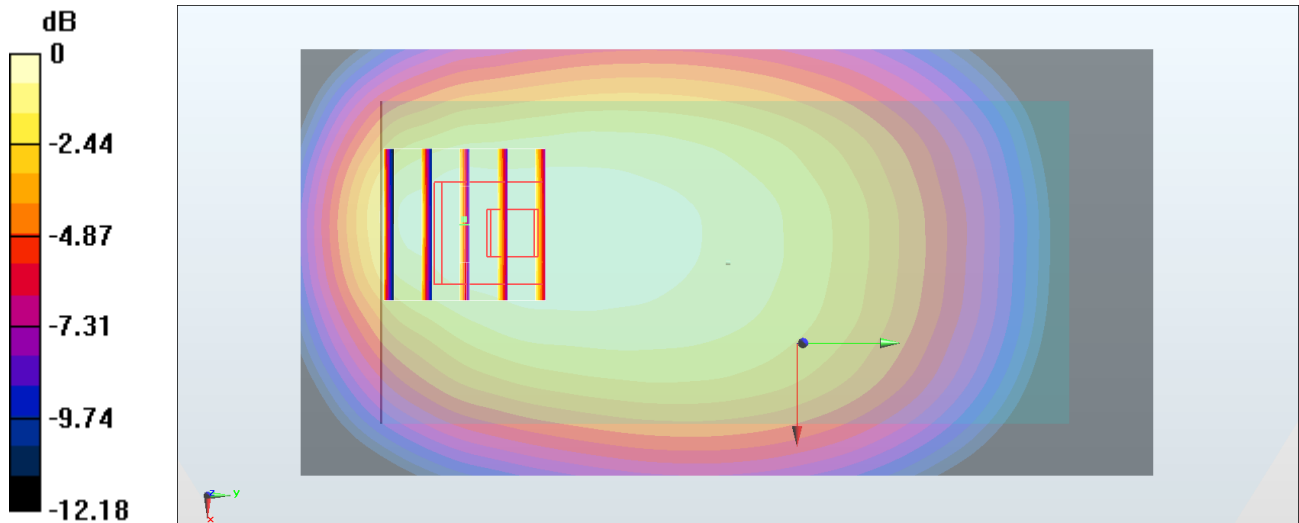
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.57 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.404 W/kg

SAR(1 g) = 0.271 W/kg; SAR(10 g) = 0.191 W/kg

Maximum value of SAR (measured) = 0.350 W/kg



0 dB = 0.350 W/kg = -4.56 dBW/kg

#34_LTE Band 13_10M_QPSK_1_0_Front_10mm_Ch23230

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

Medium: MSL_750_180525 Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.996 \text{ S/m}$; $\epsilon_r = 53.33$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931;ConvF(10.34, 10.34, 10.34); Calibrated: 2017/9/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2017/11/2
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7437)

Area Scan (61x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.468 W/kg

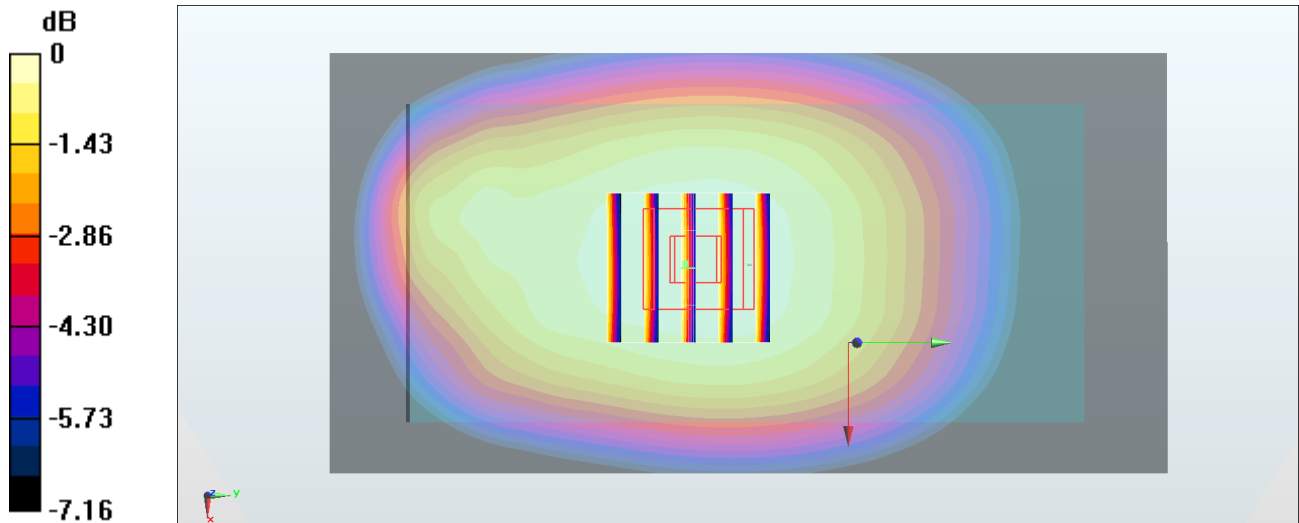
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 21.79 V/m ; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.516 W/kg

SAR(1 g) = 0.400 W/kg ; SAR(10 g) = 0.317 W/kg

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



0 dB = 0.474 W/kg = -3.24 dBW/kg

#35_LTE Band 25_20M_QPSK_1_0_Bottom Side_10mm_Ch26140

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

Medium: MSL_1900_180608 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.542$ S/m; $\epsilon_r = 52.371$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.9, 4.9, 4.9) @ 1860 MHz; Calibrated: 2017/9/25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn853; Calibrated: 2017/7/19
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

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

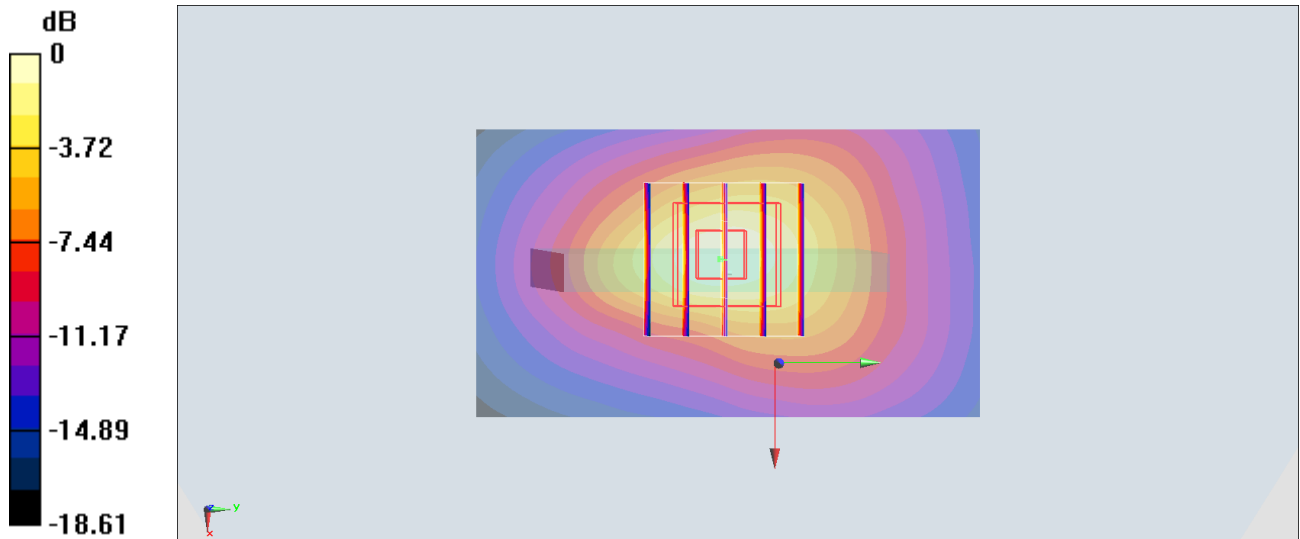
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.74 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.84 W/kg

SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.555 W/kg

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



0 dB = 1.33 W/kg = 1.24 dBW/kg

#36_LTE Band 26_15M_QPSK_1_0_Right Side_10mm_Ch26865

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

Medium: MSL_850_180525 Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.939$ S/m; $\epsilon_r = 55.875$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3931; ConvF(10.09, 10.09, 10.09); Calibrated: 2017/9/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn360; Calibrated: 2017/11/2
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7437)

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

Maximum value of SAR (interpolated) = 0.582 W/kg

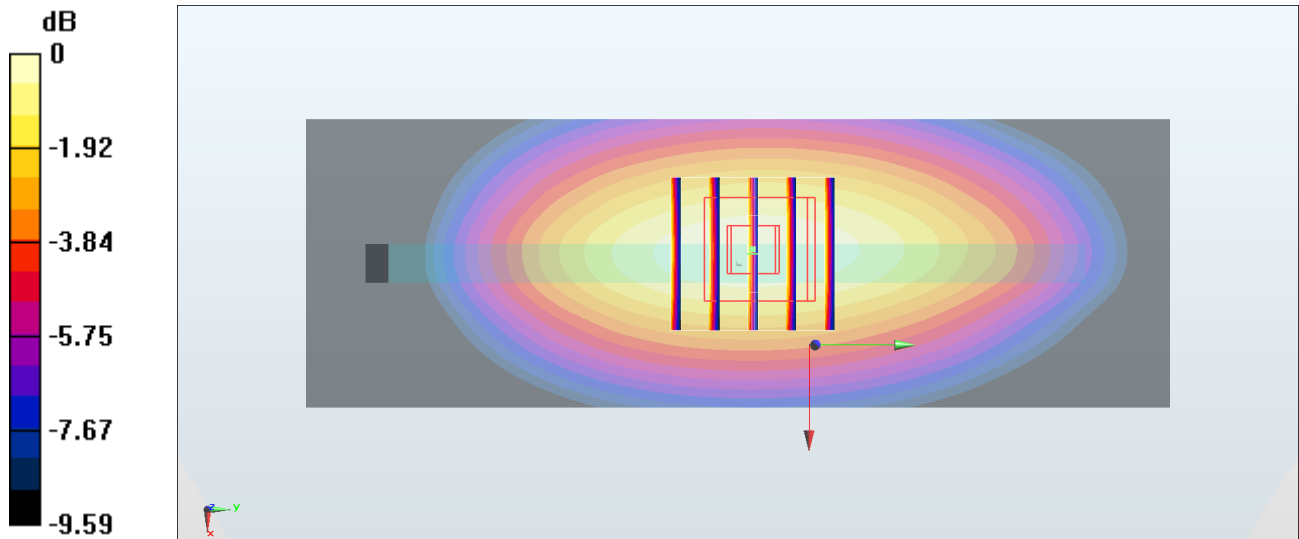
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.06 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.667 W/kg

SAR(1 g) = 0.443 W/kg; SAR(10 g) = 0.304 W/kg

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



#37_LTE Band 30_10M_QPSK_50_0_Top Side_10mm_Ch27710

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

Medium: MSL_2300_180614 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.804$ S/m; $\epsilon_r = 52.764$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3169; ConvF(4.5, 4.5, 4.5) @ 2310 MHz; Calibrated: 2018/5/28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1424; Calibrated: 2018/1/18
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1477
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

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

Maximum value of SAR (interpolated) = 1.25 W/kg

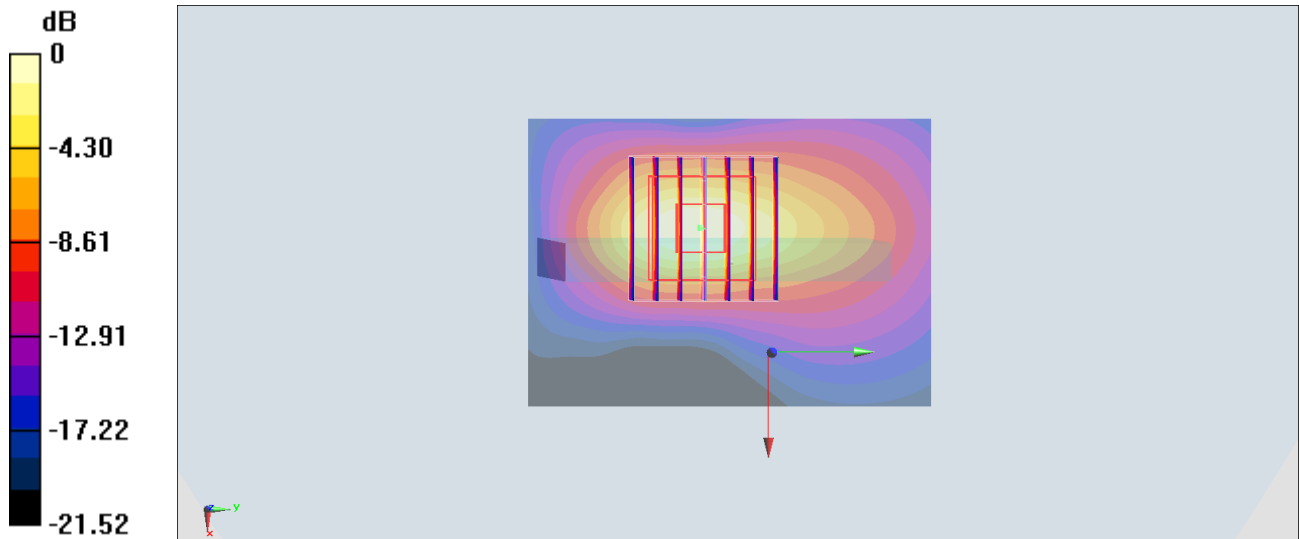
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.39 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.86 W/kg

SAR(1 g) = 0.923 W/kg; SAR(10 g) = 0.411 W/kg

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



0 dB = 1.24 W/kg = 0.93 dBW/kg