

#01_GSM850_GPRS (4 Tx slots)_Left Cheek_Ch251

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

Medium: HSL_850_170917 Medium parameters used: $f = 849$ MHz; $\sigma = 0.903$ S/m; $\epsilon_r = 42.205$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(10.41, 10.41, 10.41); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

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

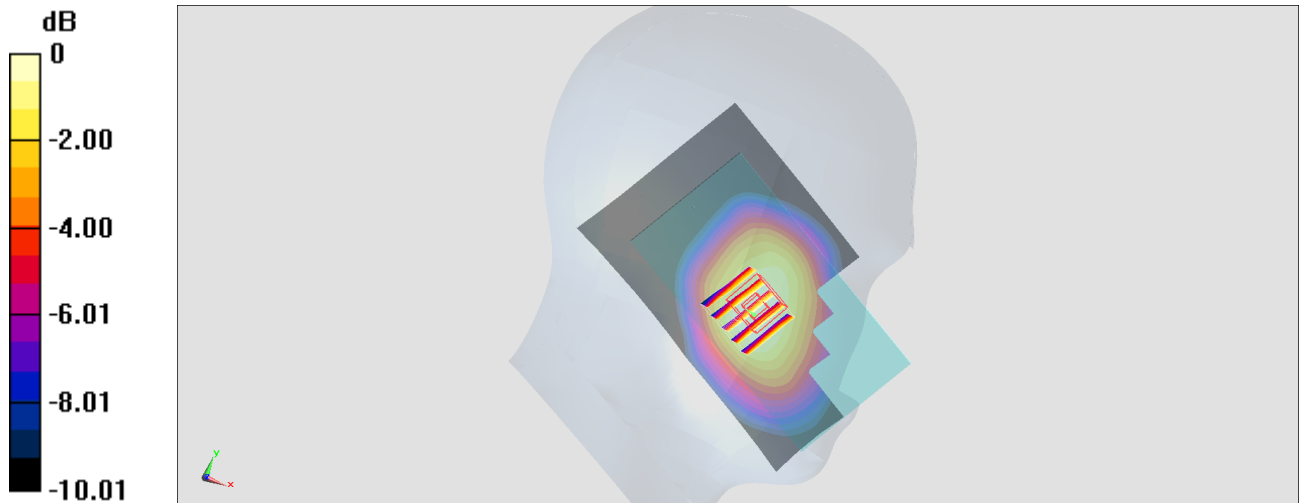
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.97 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.812 W/kg

SAR(1 g) = 0.644 W/kg; SAR(10 g) = 0.492 W/kg

Maximum value of SAR (measured) = 0.763 W/kg



0 dB = 0.763 W/kg = -1.17 dBW/kg

#02_GSM1900_GPRS (4 Tx slots)_Left Cheek_Ch810

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

Medium: HSL_1900_170916 Medium parameters used: $f = 1910$ MHz; $\sigma = 1.424$ S/m; $\epsilon_r = 38.454$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(8.73, 8.73, 8.73); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.775 W/kg

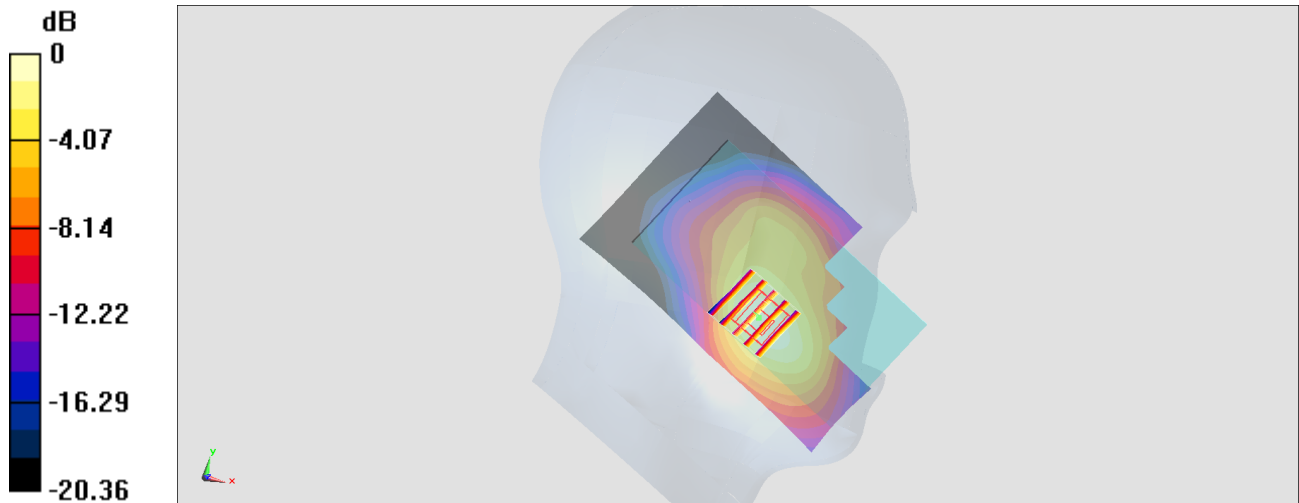
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.498 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.908 W/kg

SAR(1 g) = 0.556 W/kg; SAR(10 g) = 0.335 W/kg

Maximum value of SAR (measured) = 0.758 W/kg



0 dB = 0.758 W/kg = -1.20 dBW/kg

#03_WCDMA II_RMC 12.2Kbps_Left Cheek_Ch9400

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

Medium: HSL_1900_170916 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.394$ S/m; $\epsilon_r = 38.603$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(8.73, 8.73, 8.73); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

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

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

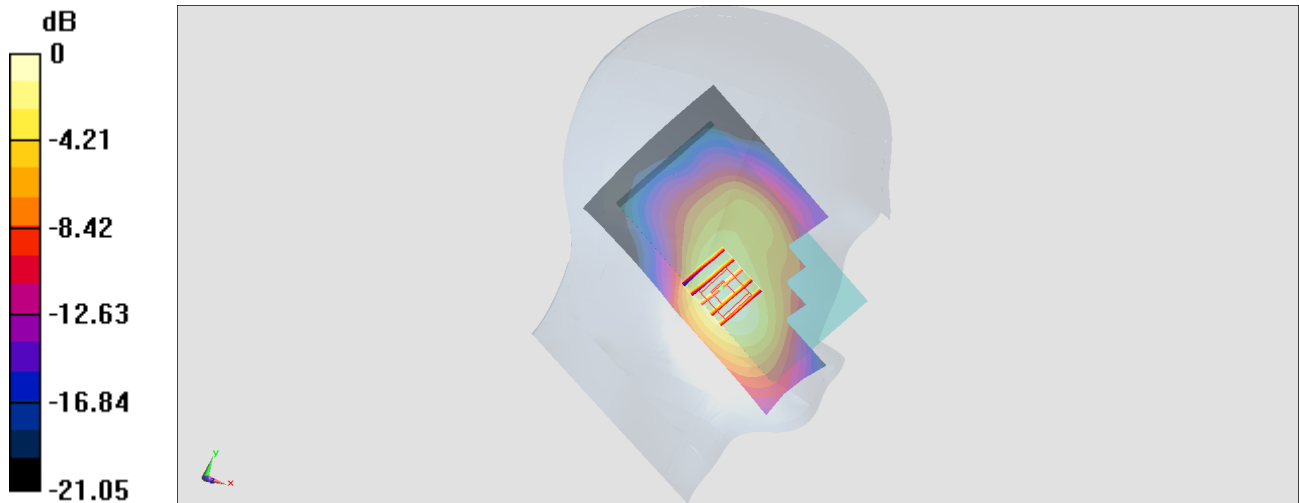
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.67 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.781 W/kg; SAR(10 g) = 0.479 W/kg

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



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

#04_WCDMA IV_RMC 12.2Kbps_Left Cheek_Ch1513

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

Medium: HSL_1750_170916 Medium parameters used: $f = 1753$ MHz; $\sigma = 1.364$ S/m; $\epsilon_r = 39.142$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(9, 9, 9); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

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

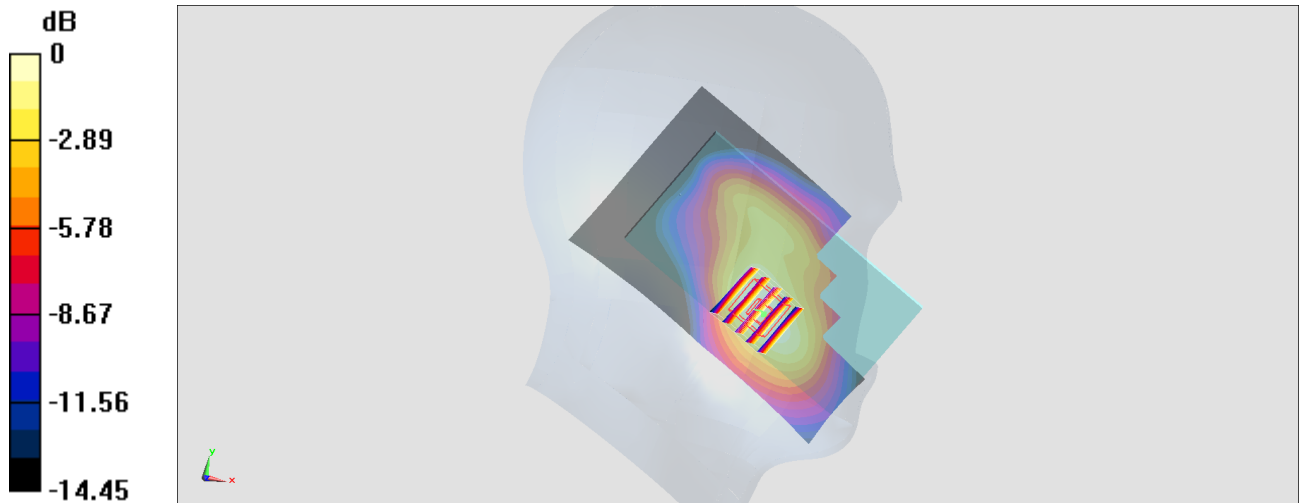
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.58 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.698 W/kg; SAR(10 g) = 0.454 W/kg

Maximum value of SAR (measured) = 0.921 W/kg



0 dB = 0.921 W/kg = -0.36 dBW/kg

#05_WCDMA V_RMC 12.2Kbps_Left Cheek_Ch4182

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

Medium: HSL_850_170917 Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.891$ S/m; $\epsilon_r = 42.36$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(10.41, 10.41, 10.41); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.628 W/kg

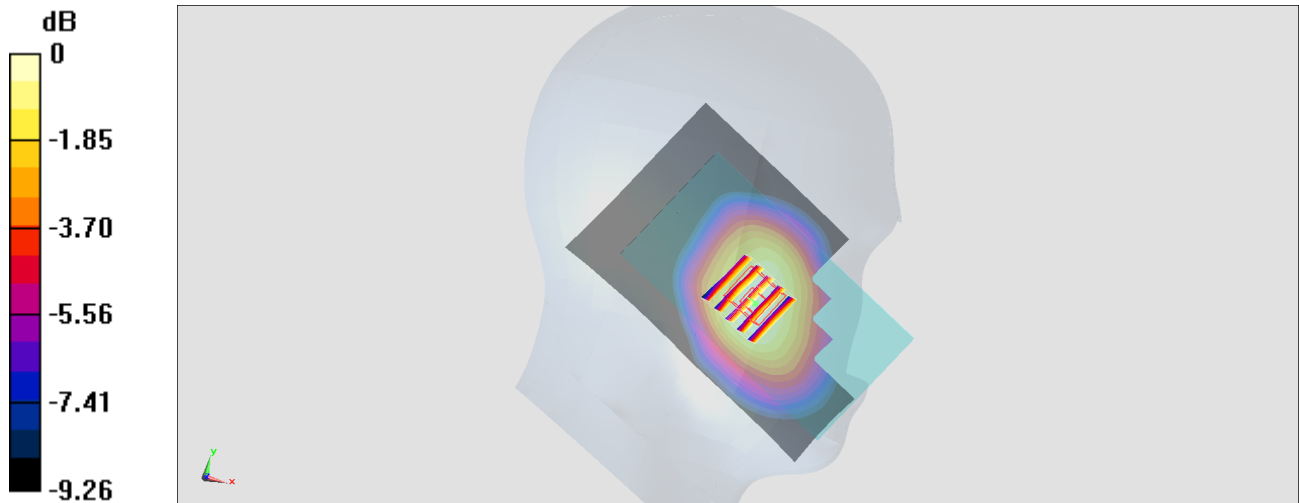
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.23 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.677 W/kg

SAR(1 g) = 0.541 W/kg; SAR(10 g) = 0.416 W/kg

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



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

#06_LTE Band 2_20M_QPSK_1_0_Left Cheek_Ch19100

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

Medium: HSL_1900_170916 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.414$ S/m; $\epsilon_r = 38.501$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(8.73, 8.73, 8.73); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

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

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

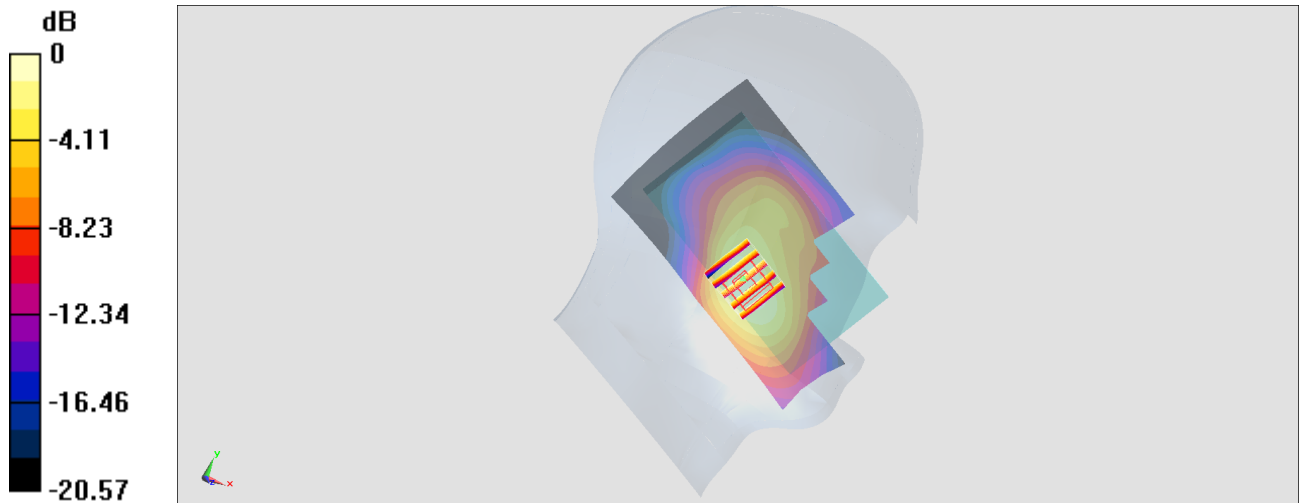
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.51 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.69 W/kg

SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.638 W/kg

Maximum value of SAR (measured) = 1.41 W/kg



0 dB = 1.41 W/kg = 1.49 dBW/kg

#07_LTE Band 4_20M_QPSK_1_0_Left Cheek_Ch20175

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

Medium: HSL_1750_170916 Medium parameters used: $f = 1732.5$ MHz; $\sigma = 1.342$ S/m; $\epsilon_r = 39.22$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(9, 9, 9); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.798 W/kg

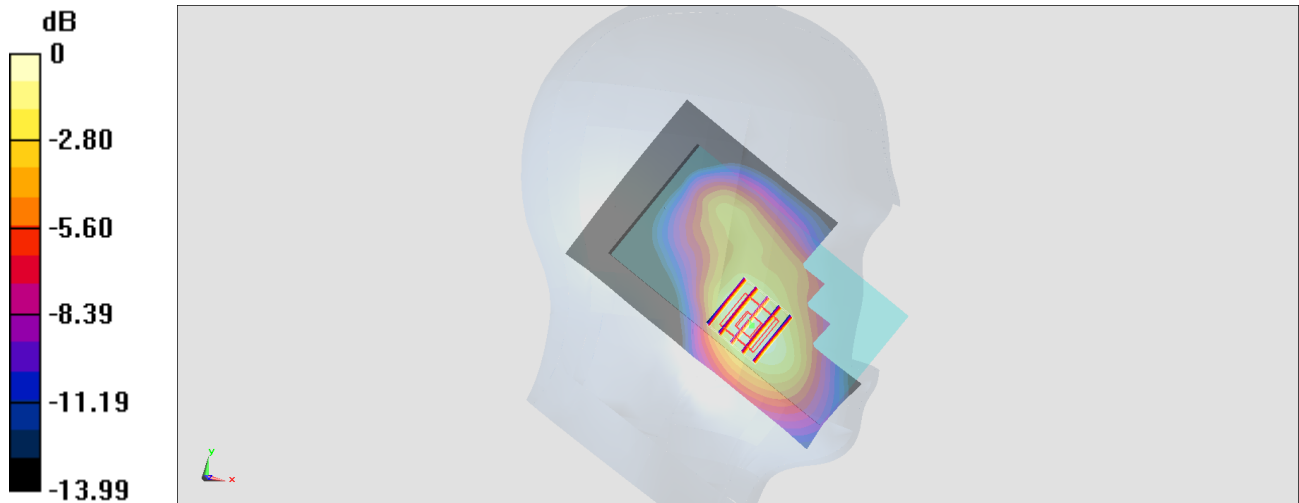
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.41 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.873 W/kg

SAR(1 g) = 0.584 W/kg; SAR(10 g) = 0.380 W/kg

Maximum value of SAR (measured) = 0.751 W/kg



0 dB = 0.751 W/kg = -1.24 dBW/kg

#08_LTE Band 5_10M_QPSK_1_0_Left Cheek_Ch20525

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

Medium: HSL_850_170917 Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.891$ S/m; $\epsilon_r = 42.359$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(10.41, 10.41, 10.41); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.713 W/kg

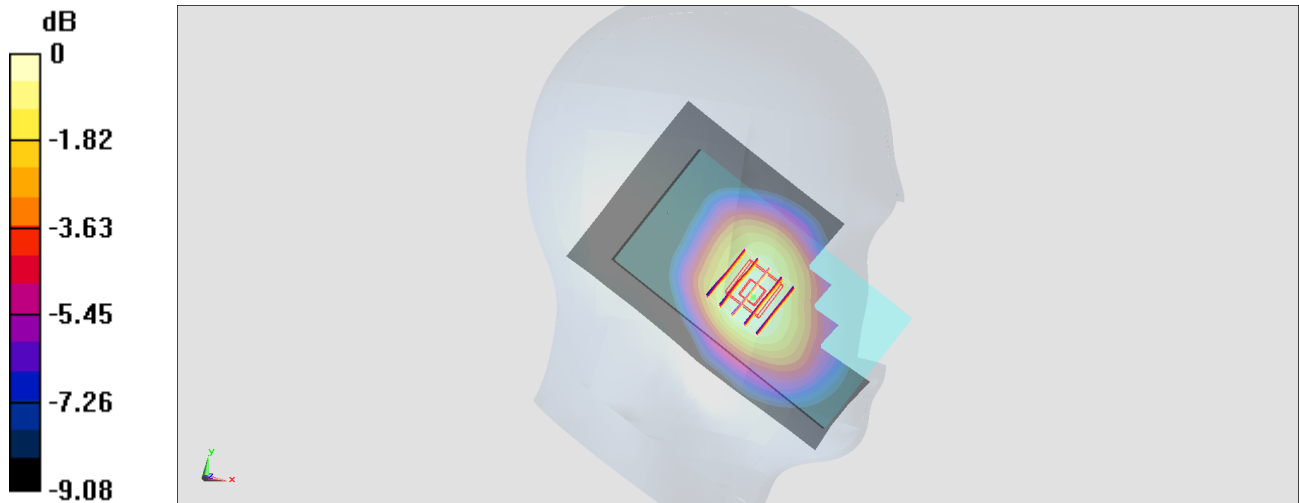
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 21.90 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.746 W/kg

SAR(1 g) = 0.592 W/kg; SAR(10 g) = 0.460 W/kg

Maximum value of SAR (measured) = 0.702 W/kg



0 dB = 0.702 W/kg = -1.54 dBW/kg

#09_LTE Band 7_20M_QPSK_1_0_Left Cheek_Ch20850

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

Medium: HSL_2600_170917 Medium parameters used: $f = 2510$ MHz; $\sigma = 1.837$ S/m; $\epsilon_r = 38.413$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.85, 7.85, 7.85); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (81x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

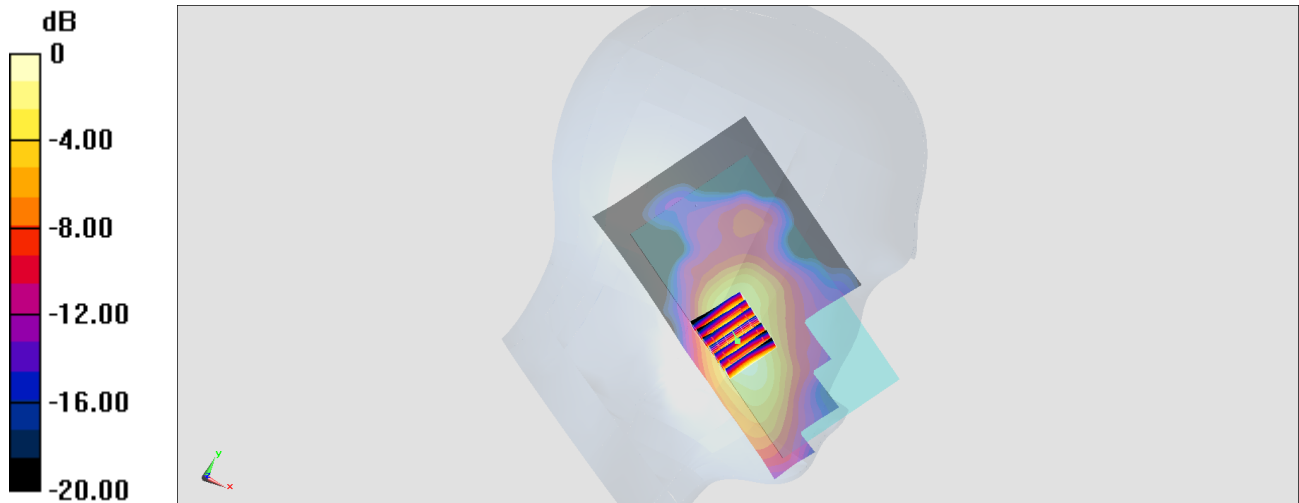
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.22 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.704 W/kg

SAR(1 g) = 0.377 W/kg; SAR(10 g) = 0.200 W/kg

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



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

#10_LTE Band 12_10M_QPSK_1_0_Left Cheek_Ch23095

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

Medium: HSL_750_170917 Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.856$ S/m; $\epsilon_r = 41.166$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(10.82, 10.82, 10.82); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.349 W/kg

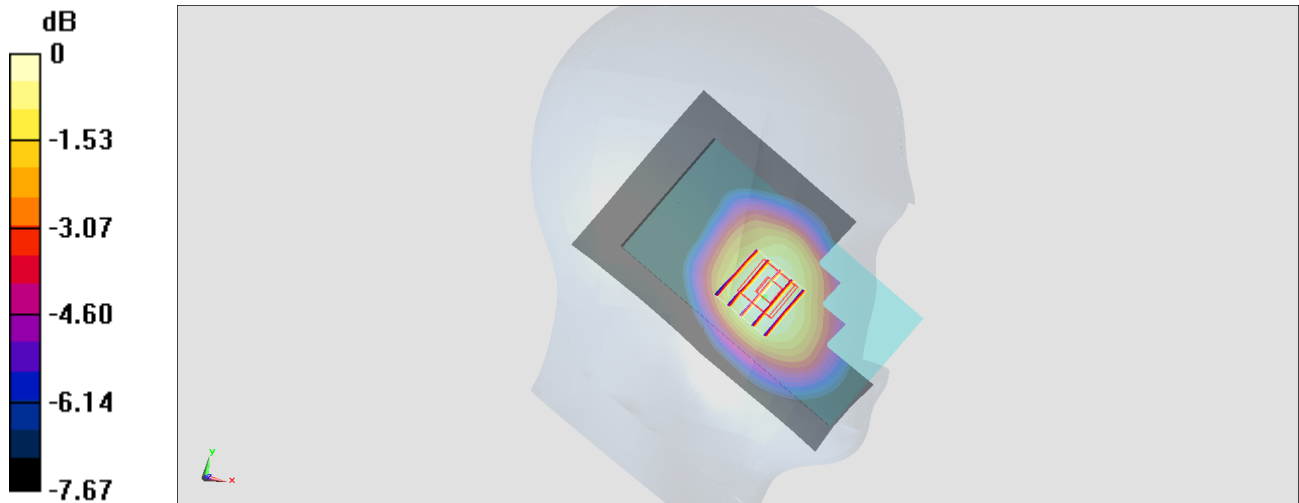
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.06 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.367 W/kg

SAR(1 g) = 0.315 W/kg; SAR(10 g) = 0.250 W/kg

Maximum value of SAR (measured) = 0.351 W/kg



0 dB = 0.351 W/kg = -4.55 dBW/kg

#11_WLAN2.4GHz_802.11b 1Mbps_Left Cheek_Ch6

Communication System: 802.11b ; Frequency: 2437 MHz; Duty Cycle: 1:1.024

Medium: HSL_2450_170907 Medium parameters used : $f = 2437$ MHz; $\sigma = 1.793$ S/m; $\epsilon_r = 39.409$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN7306; ConvF(7.49, 7.49, 7.49); Calibrated: 2017/7/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: 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) = 0.740 W/kg

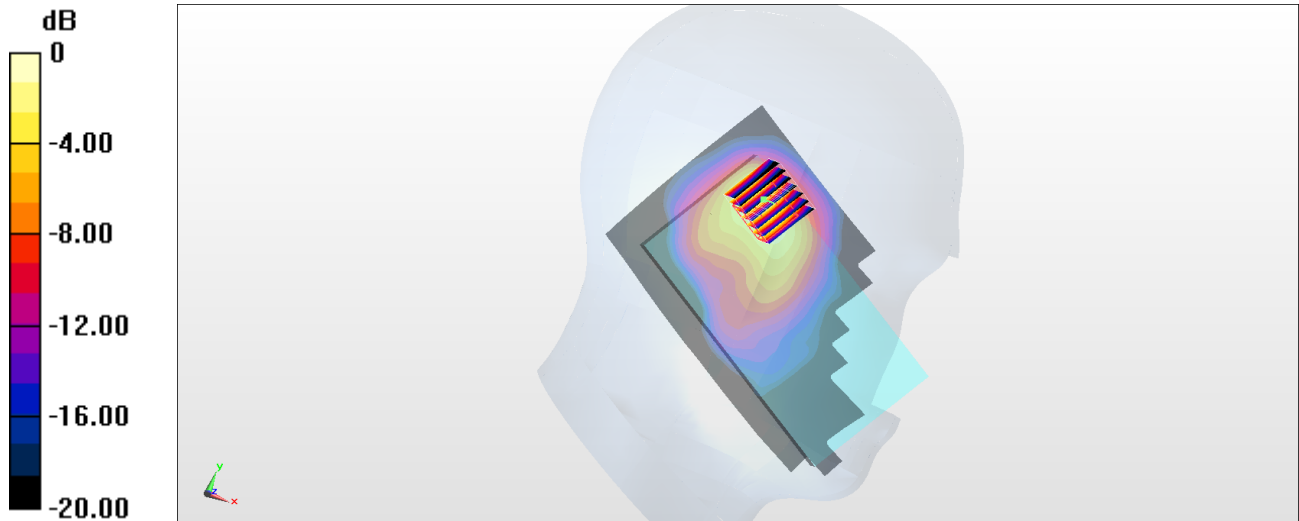
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.29 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.906 W/kg

SAR(1 g) = 0.429 W/kg; SAR(10 g) = 0.214 W/kg

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



0 dB = 0.718 W/kg = -1.44 dBW/kg

#12_Bluetooth_1Mbps_Left Cheek_Ch0

Communication System: Bluetooth ; Frequency: 2402 MHz; Duty Cycle: 1:1.31

Medium: HSL_2450_170914 Medium parameters used: $f = 2402$ MHz; $\sigma = 1.821$ S/m; $\epsilon_r = 38.902$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3071; ConvF(4.18, 4.18, 4.18); Calibrated: 2016/12/8;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

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

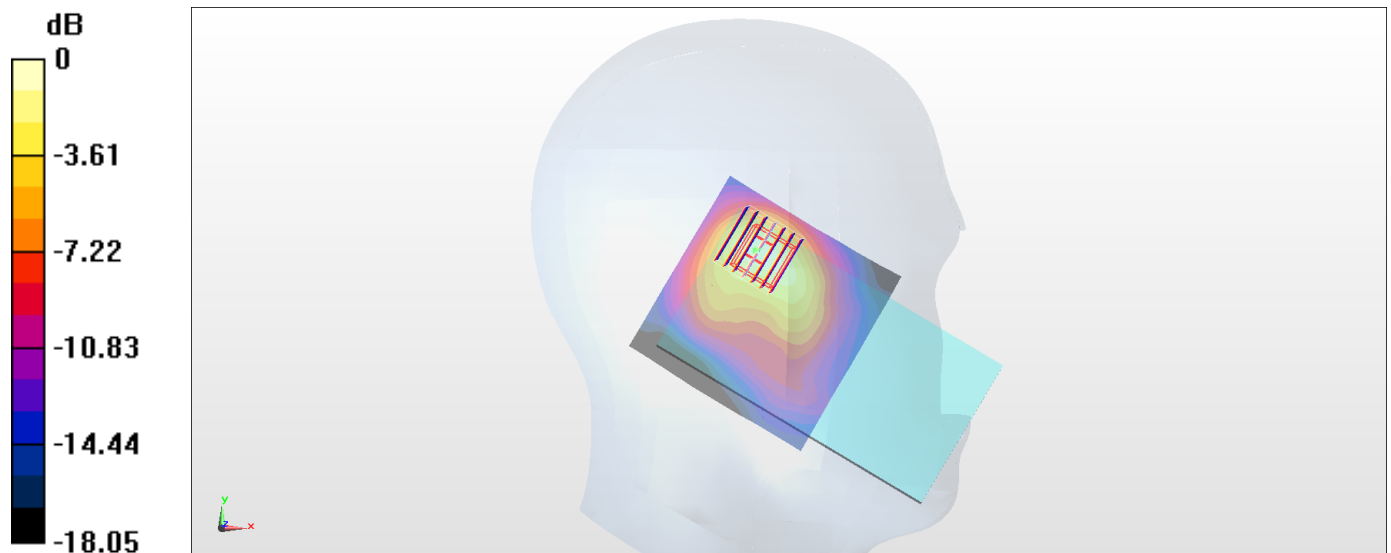
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.000 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.203 W/kg

SAR(1 g) = 0.099 W/kg; SAR(10 g) = 0.050 W/kg

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



0 dB = 0.128 W/kg = -8.93 dBW/kg

#13_GSM850_GPRS (4 Tx slots)_Back_10mm_Ch251

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

Medium: MSL_850_170912 Medium parameters used: $f = 849$ MHz; $\sigma = 1.017$ S/m; $\epsilon_r = 57.359$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3071; ConvF(5.68, 5.68, 5.68); Calibrated: 2016/12/8;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- 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) = 0.870 W/kg

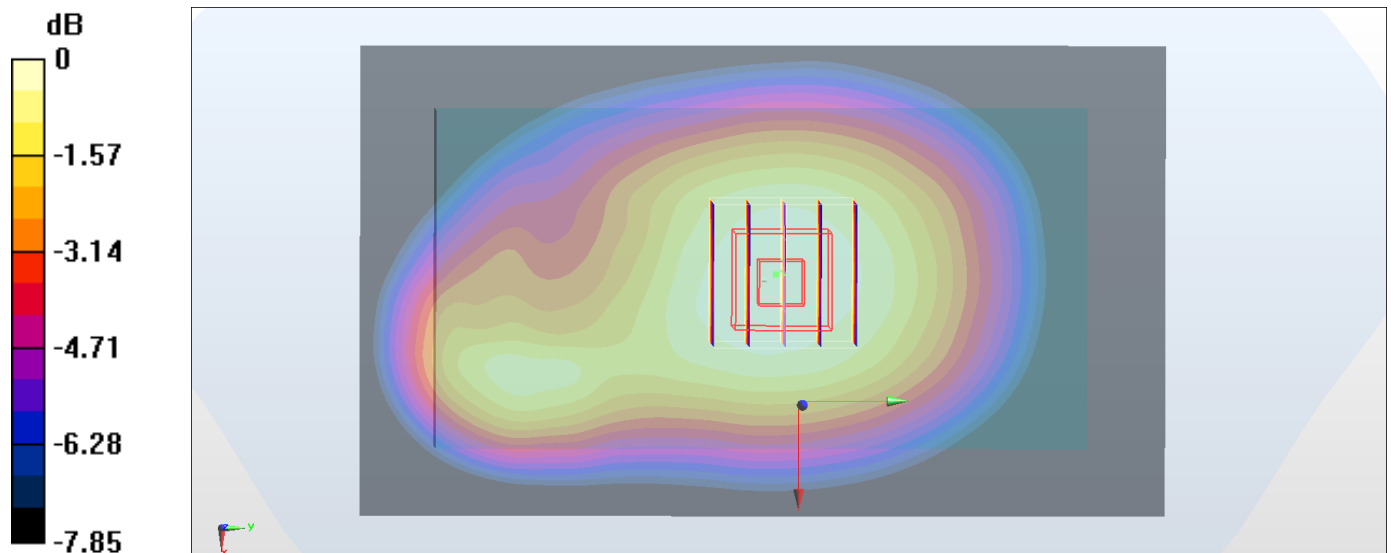
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.16 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.987 W/kg

SAR(1 g) = 0.795 W/kg; SAR(10 g) = 0.606 W/kg

Maximum value of SAR (measured) = 0.870 W/kg



0 dB = 0.870 W/kg = -0.60 dBW/kg

#14_GSM1900_GPRS (4 Tx slots)_Back_10mm_Ch661

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

Medium: MSL_1900_170911 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.547$ S/m; $\epsilon_r = 53.759$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3071; ConvF(4.23, 4.23, 4.23); Calibrated: 2016/12/8;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.860 W/kg

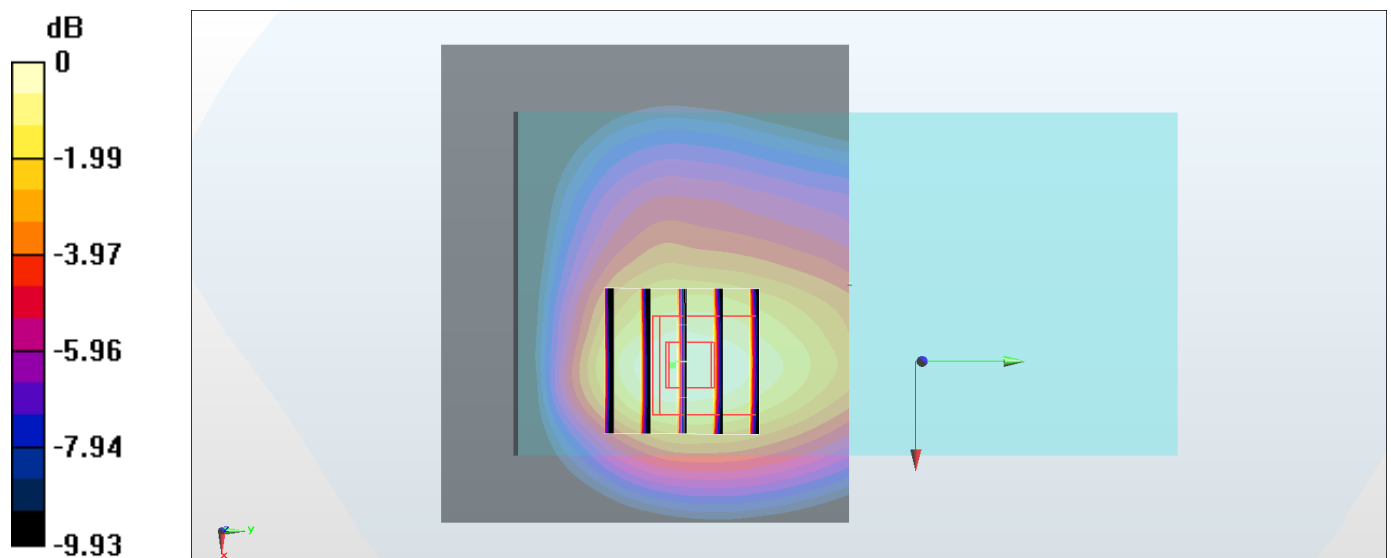
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 23.19 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.704 W/kg; SAR(10 g) = 0.434 W/kg

Maximum value of SAR (measured) = 0.825 W/kg



0 dB = 0.825 W/kg = -0.84 dBW/kg

#15_WCDMA II_RMC 12.2Kbps_Back_10mm_Ch9538

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

Medium: MSL_1900_170911 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.586$ S/m; $\epsilon_r = 53.653$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3071; ConvF(4.23, 4.23, 4.23); Calibrated: 2016/12/8;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

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

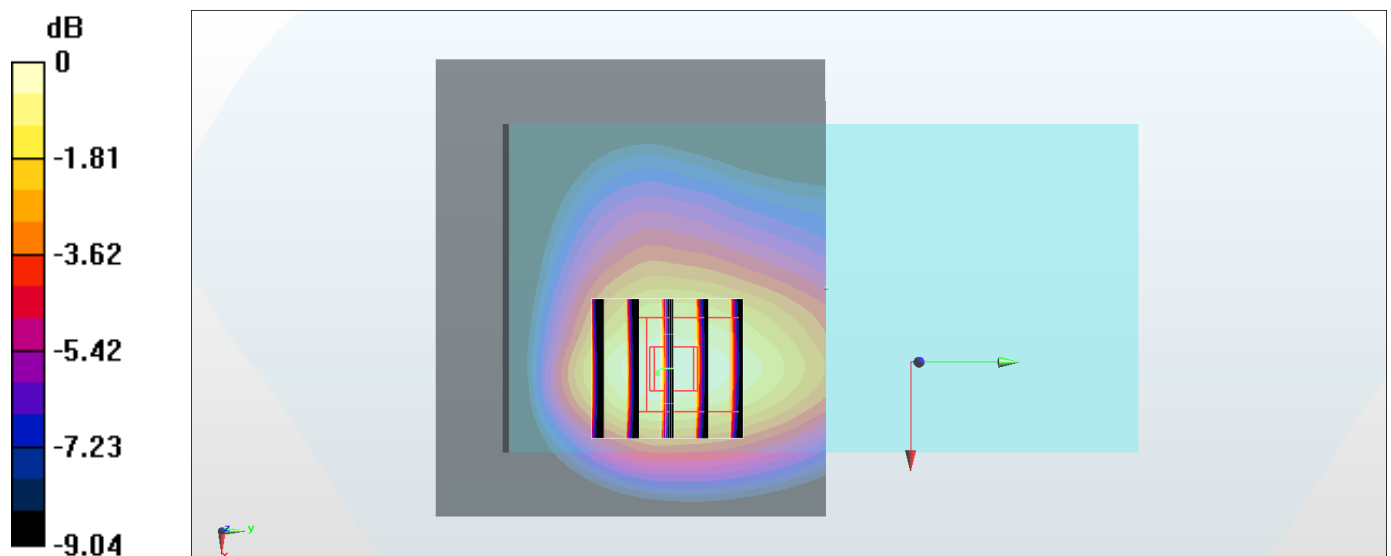
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 26.34 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.908 W/kg; SAR(10 g) = 0.557 W/kg

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



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

#16_WCDMA IV_RMC 12.2Kbps_Back_10mm_Ch1312

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

Medium: MSL_1750_170911 Medium parameters used : $f = 1712.4$ MHz; $\sigma = 1.444$ S/m; $\epsilon_r = 54.871$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3071; ConvF(4.56, 4.56, 4.56); Calibrated: 2016/12/8;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

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

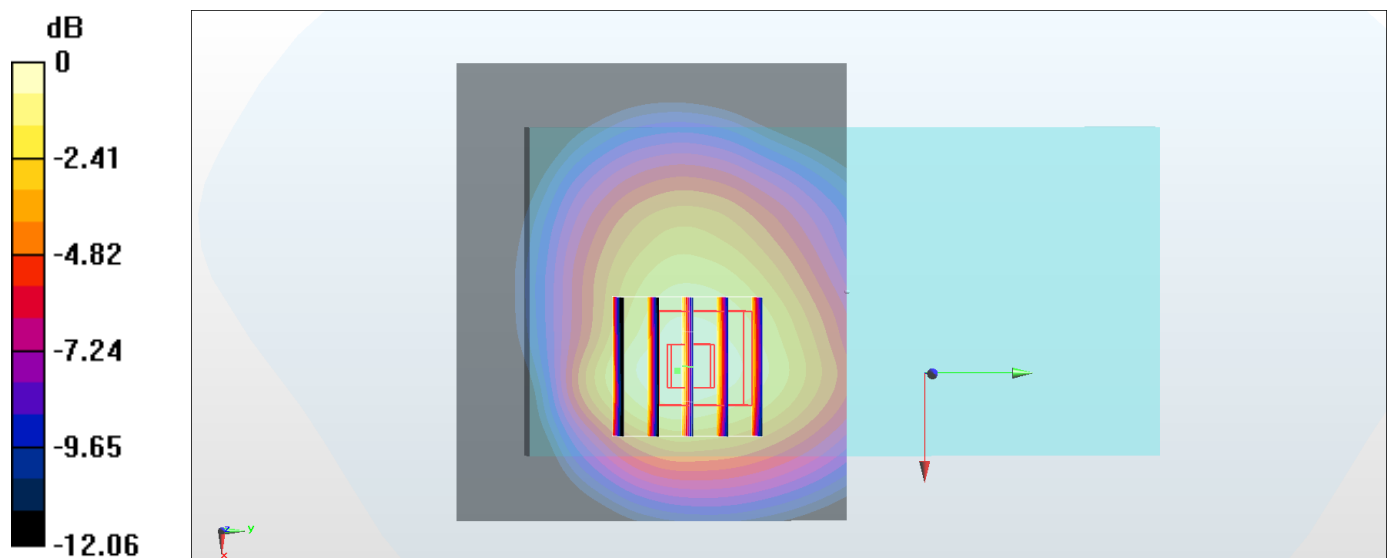
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 31.44 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.79 W/kg

SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.782 W/kg

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



0 dB = 1.43 W/kg = 1.55 dBW/kg

#17_WCDMA V_RMC 12.2Kbps_Back_10mm_Ch4132

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

Medium: MSL_850_170912 Medium parameters used : $f = 826.4$ MHz; $\sigma = 0.995$ S/m; $\epsilon_r = 57.576$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3071; ConvF(5.68, 5.68, 5.68); Calibrated: 2016/12/8;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- 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) = 0.888 W/kg

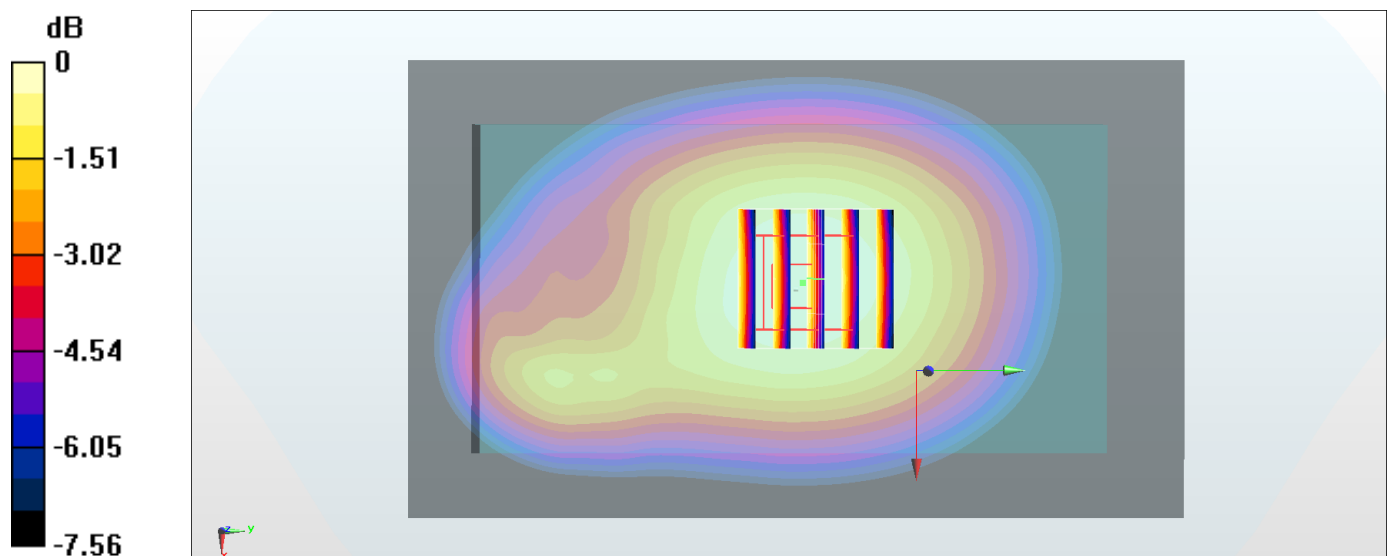
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.41 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.998 W/kg

SAR(1 g) = 0.809 W/kg; SAR(10 g) = 0.622 W/kg

Maximum value of SAR (measured) = 0.879 W/kg



0 dB = 0.879 W/kg = -0.56 dBW/kg

#18_LTE Band 2_20M_QPSK_1_0_Back_10mm_Ch19100

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

Medium: MSL_1900_170911 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.574$ S/m; $\epsilon_r = 53.685$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3071; ConvF(4.23, 4.23, 4.23); Calibrated: 2016/12/8;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

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

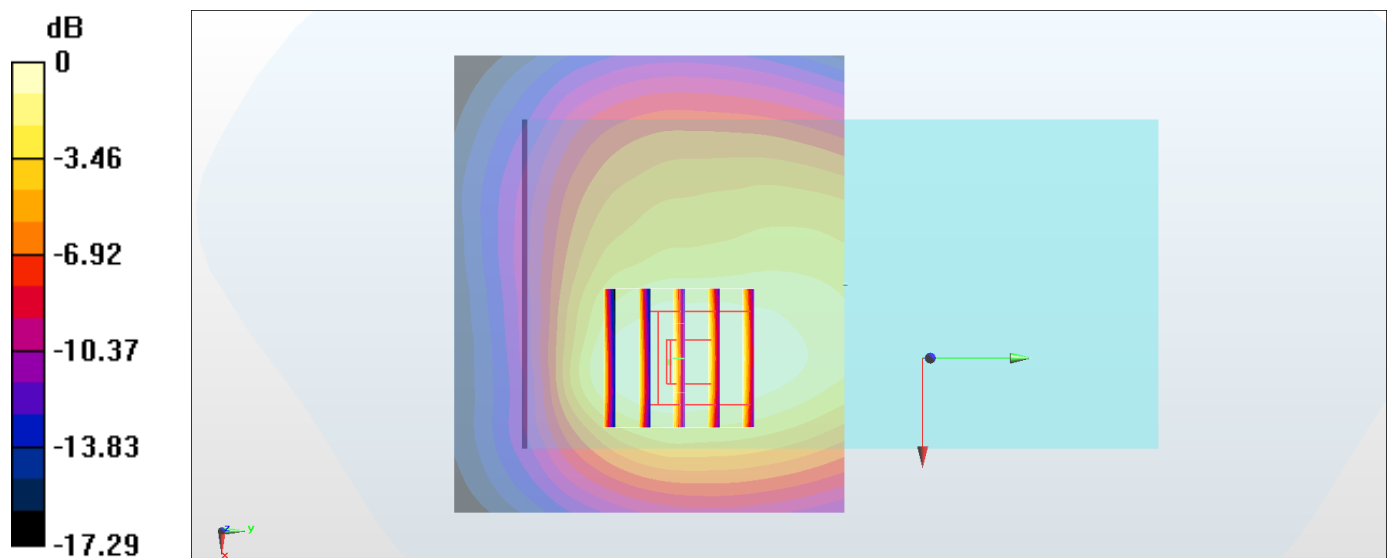
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 29.38 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.71 W/kg

SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.692 W/kg

Maximum value of SAR (measured) = 1.31 W/kg



0 dB = 1.31 W/kg = 1.17 dBW/kg

#19_LTE Band 4_20M_QPSK_1_0_Back_10mm_Ch20175

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

Medium: MSL_1750_170911 Medium parameters used : $f = 1732.5$ MHz; $\sigma = 1.465$ S/m; $\epsilon_r = 54.802$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3071; ConvF(4.56, 4.56, 4.56); Calibrated: 2016/12/8;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

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

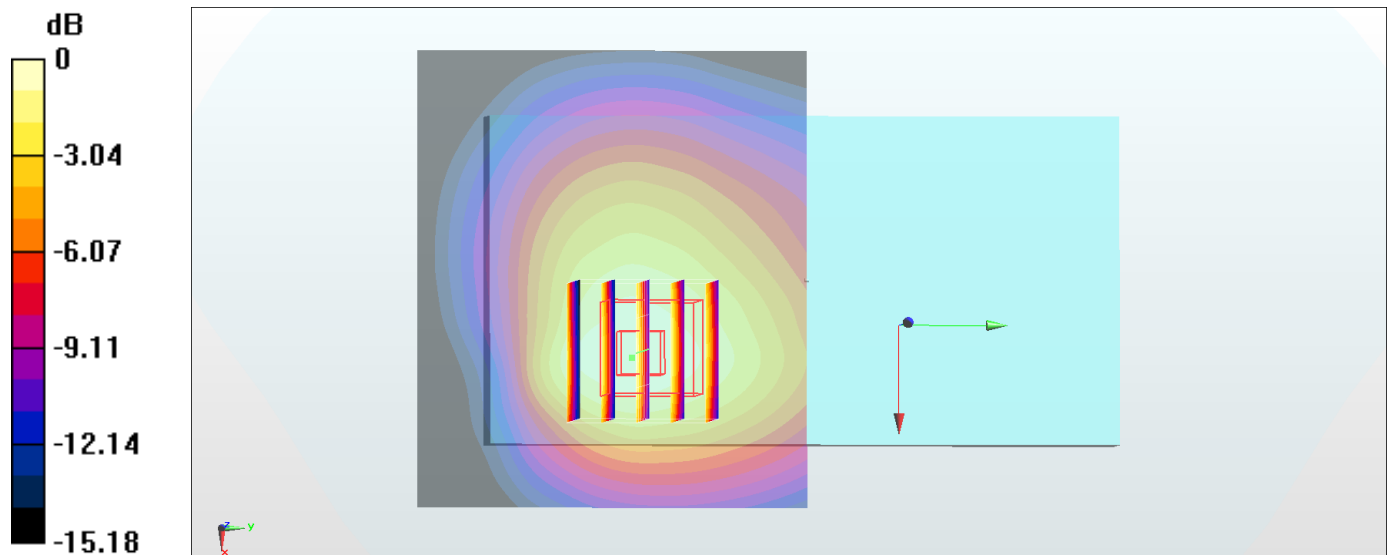
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 26.16 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.894 W/kg; SAR(10 g) = 0.569 W/kg

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



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

#20_LTE Band 5_10M_QPSK_1_0_Left Side_10mm_Ch20525

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

Medium: MSL_850_170912 Medium parameters used : $f = 836.5$ MHz; $\sigma = 1.004$ S/m; $\epsilon_r = 57.485$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3071; ConvF(5.68, 5.68, 5.68); Calibrated: 2016/12/8;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.869 W/kg

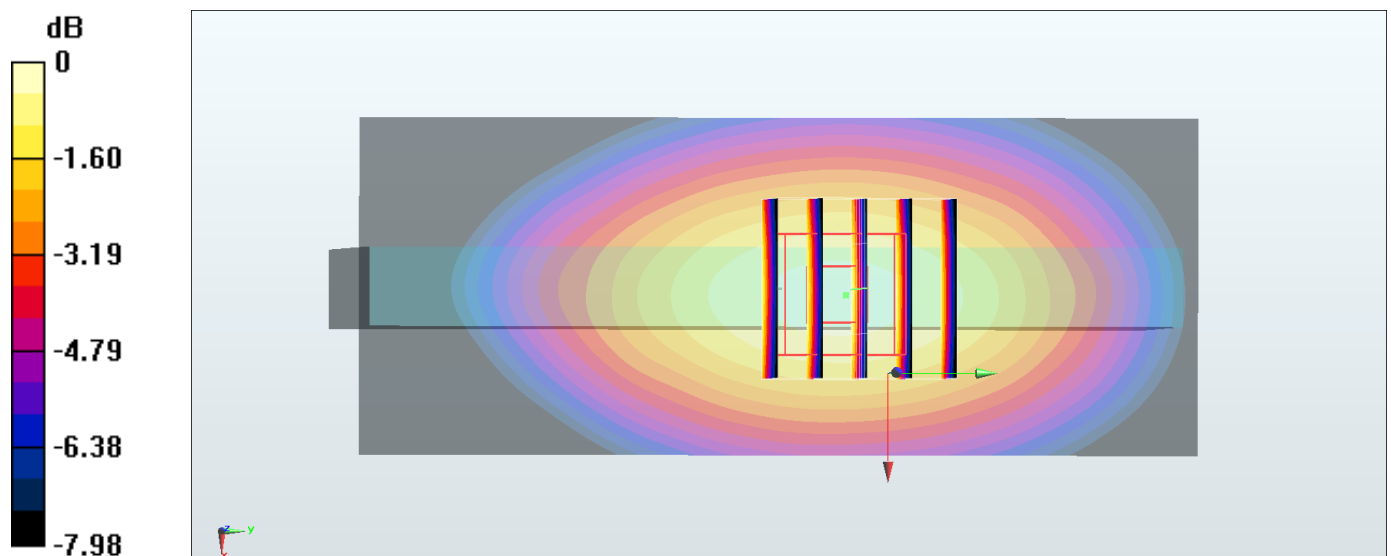
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.86 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.798 W/kg; SAR(10 g) = 0.572 W/kg

Maximum value of SAR (measured) = 0.923 W/kg



0 dB = 0.923 W/kg = -0.35 dBW/kg

#21_LTE Band 7_20M_QPSK_1_0_Back_10mm_Ch21350

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

Medium: MSL_2600_170911 Medium parameters used: $f = 2560$ MHz; $\sigma = 2.131$ S/m; $\epsilon_r = 53.318$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3071; ConvF(3.74, 3.74, 3.74); Calibrated: 2016/12/8;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

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

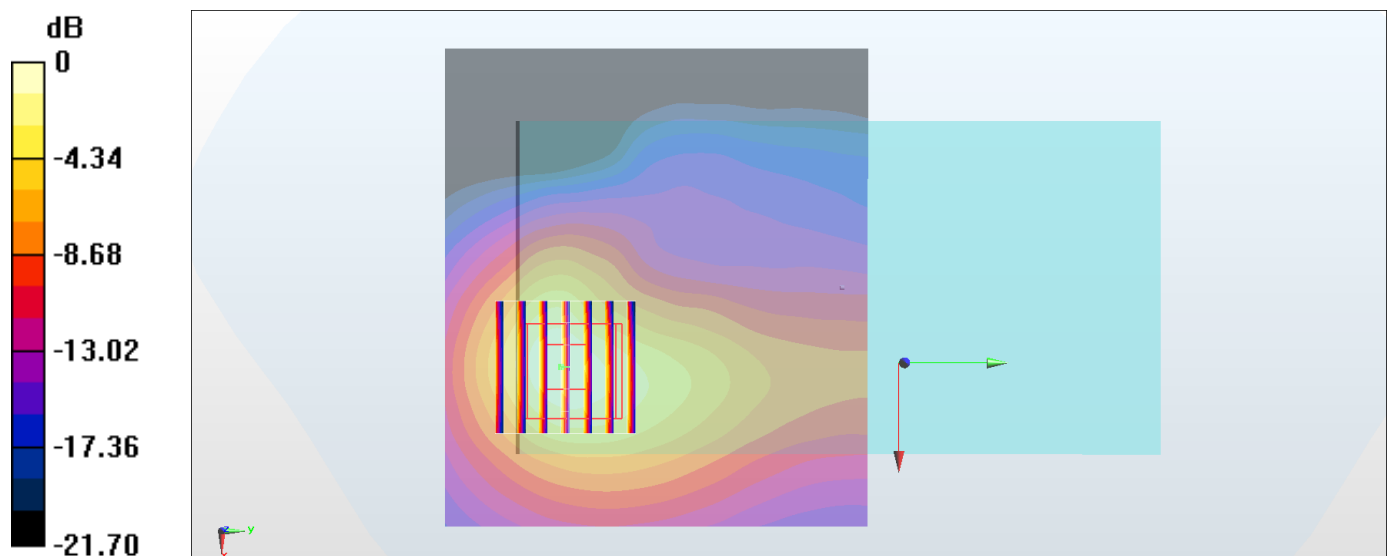
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.19 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.98 W/kg

SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.515 W/kg

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



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

#22_LTE Band 12_10M_QPSK_1_0_Left Side_10mm_Ch23095

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

Medium: MSL_750_170912 Medium parameters used : $f = 707.5$ MHz; $\sigma = 0.935$ S/m; $\epsilon_r = 56.037$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3071; ConvF(5.7, 5.7, 5.7); Calibrated: 2016/12/8;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.517 W/kg

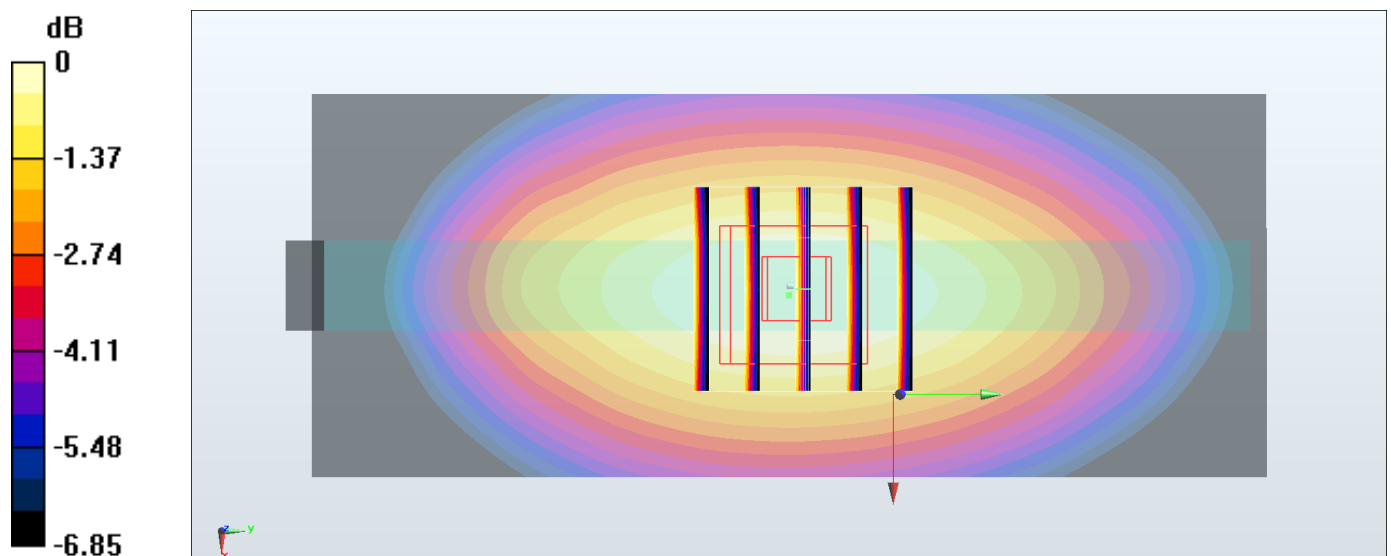
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.30 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.607 W/kg

SAR(1 g) = 0.449 W/kg; SAR(10 g) = 0.329 W/kg

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



0 dB = 0.502 W/kg = -2.99 dBW/kg

#23_WLAN2.4GHz_802.11b 1Mbps_Back_10mm_Ch11

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

Medium: MSL_2450_170913 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.02$ S/m; $\epsilon_r = 52.89$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3071; ConvF(3.88, 3.88, 3.88); Calibrated: 2016/12/8;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.158 W/kg

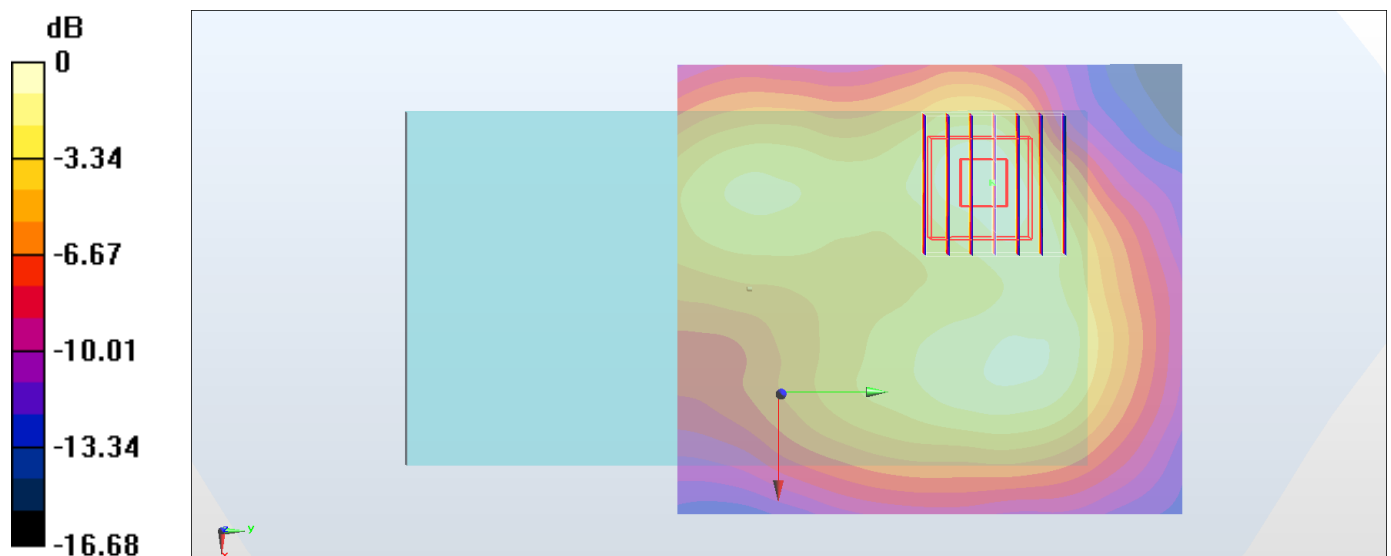
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.726 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.224 W/kg

SAR(1 g) = 0.121 W/kg; SAR(10 g) = 0.064 W/kg

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



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

#24_Bluetooth_1Mbps_Back_10mm_Ch78

Communication System: Bluetooth ; Frequency: 2480 MHz; Duty Cycle: 1:1.31

Medium: MSL_2450_170913 Medium parameters used: $f = 2480$ MHz; $\sigma = 2.045$ S/m; $\epsilon_r = 52.825$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3071; ConvF(3.88, 3.88, 3.88); Calibrated: 2016/12/8;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.0245 W/kg

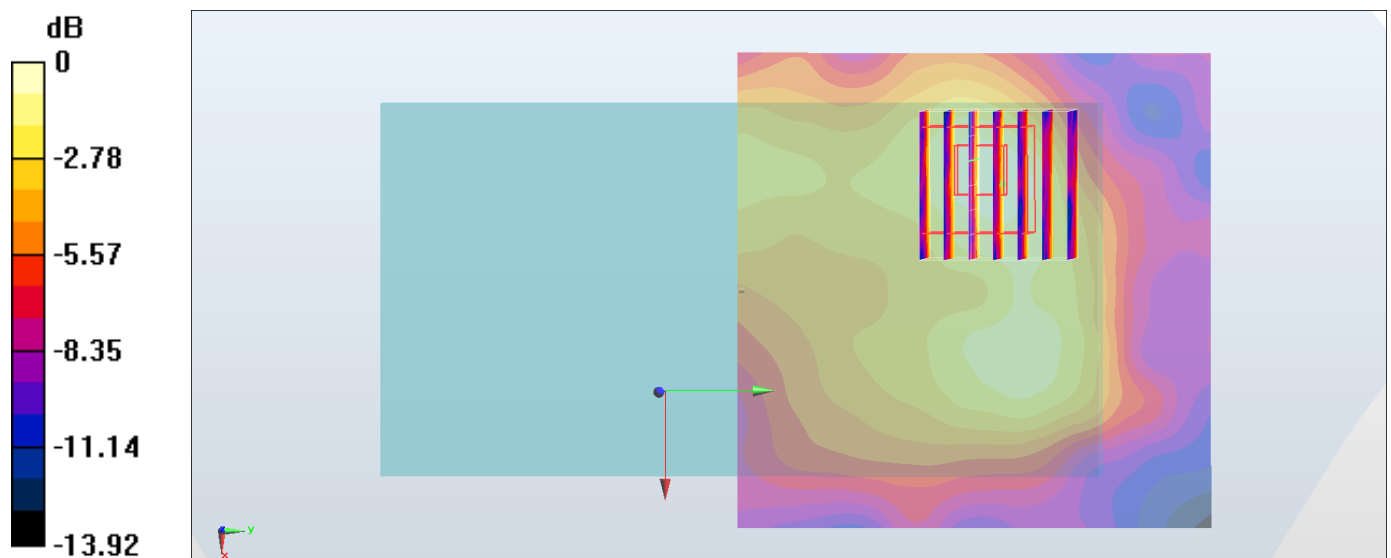
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.843 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.0390 W/kg

SAR(1 g) = 0.020 W/kg; SAR(10 g) = 0.011 W/kg

Maximum value of SAR (measured) = 0.0251 W/kg



0 dB = 0.0251 W/kg = -16.00 dBW/kg

#25_GSM850_GPRS (4 Tx slots)_Back_10mm_Ch251

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

Medium: MSL_850_170912 Medium parameters used: $f = 849$ MHz; $\sigma = 1.017$ S/m; $\epsilon_r = 57.359$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3071; ConvF(5.68, 5.68, 5.68); Calibrated: 2016/12/8;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- 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) = 0.870 W/kg

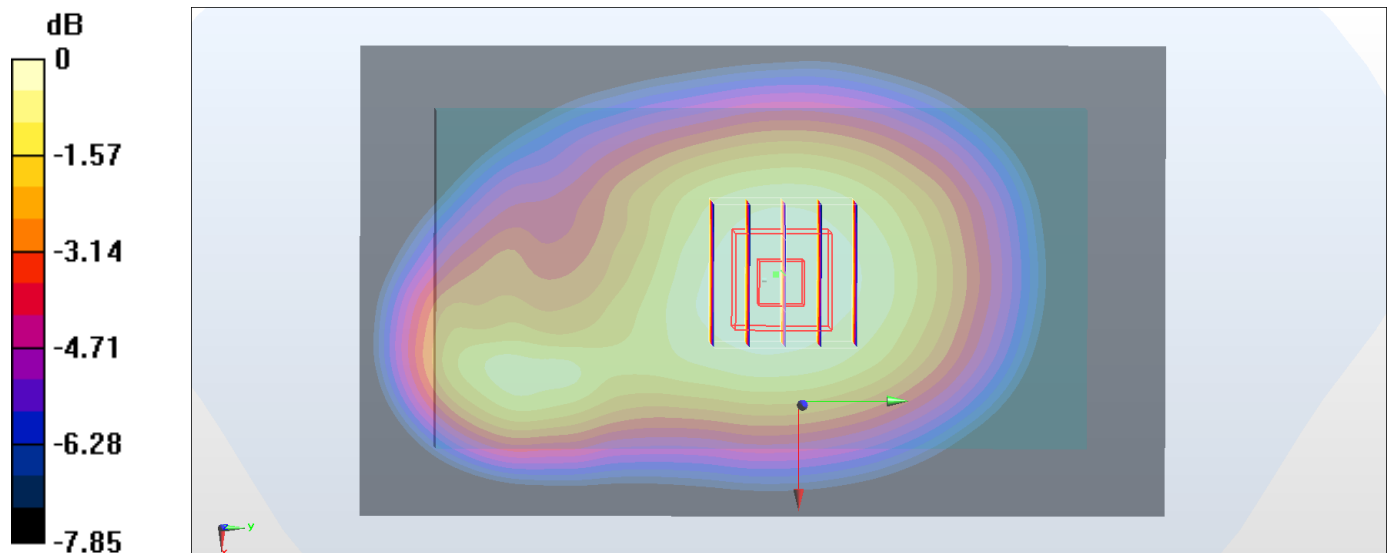
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.16 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.987 W/kg

SAR(1 g) = 0.795 W/kg; SAR(10 g) = 0.606 W/kg

Maximum value of SAR (measured) = 0.870 W/kg



0 dB = 0.870 W/kg = -0.60 dBW/kg

#26_GSM1900_GPRS (4 Tx slots)_Back_10mm_Ch661

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

Medium: MSL_1900_170911 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.547$ S/m; $\epsilon_r = 53.759$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3071; ConvF(4.23, 4.23, 4.23); Calibrated: 2016/12/8;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.860 W/kg

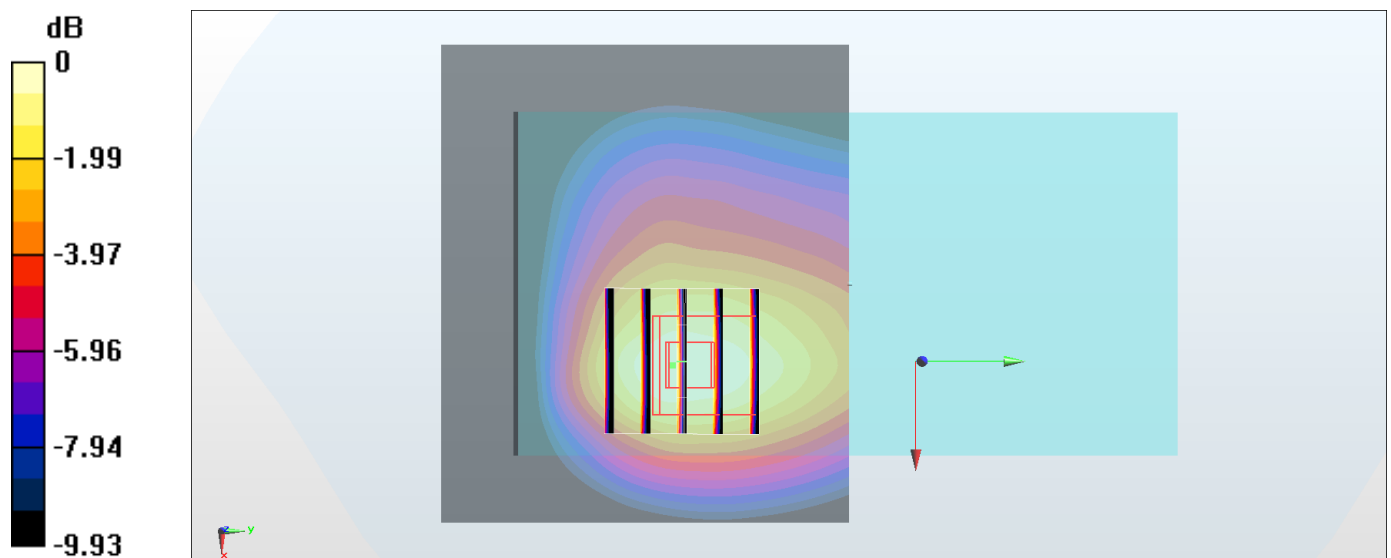
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 23.19 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.704 W/kg; SAR(10 g) = 0.434 W/kg

Maximum value of SAR (measured) = 0.825 W/kg



0 dB = 0.825 W/kg = -0.84 dBW/kg

#27_WCDMA II_RMC 12.2Kbps_Back_10mm_Ch9538

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

Medium: MSL_1900_170911 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.586$ S/m; $\epsilon_r = 53.653$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3071; ConvF(4.23, 4.23, 4.23); Calibrated: 2016/12/8;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

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

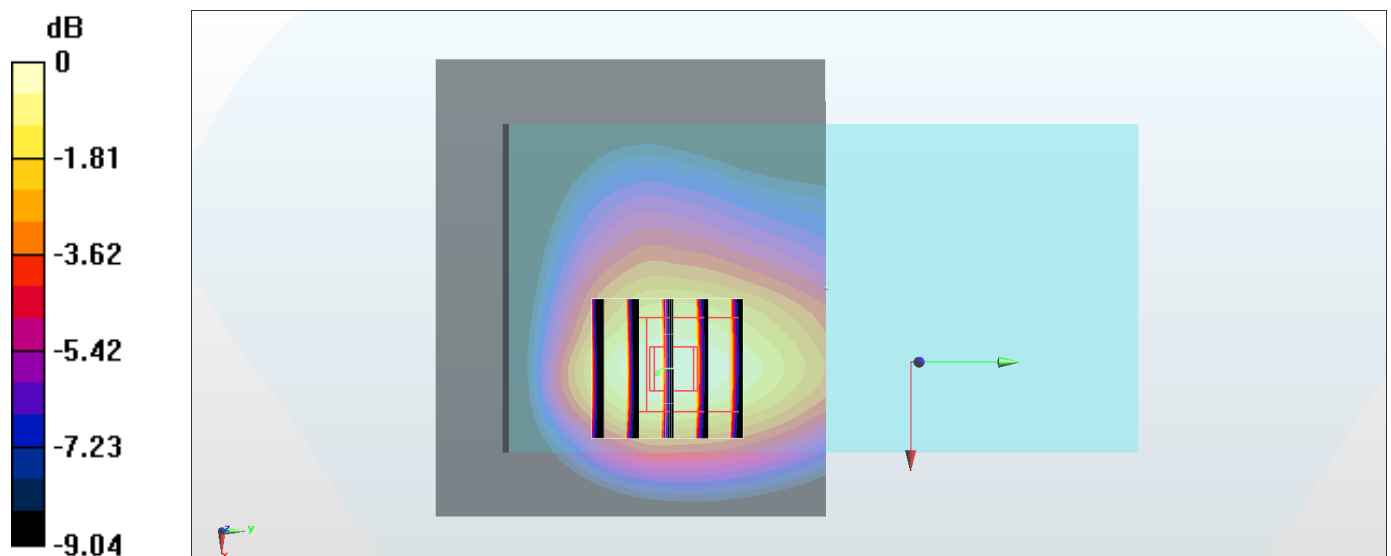
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.34 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.908 W/kg; SAR(10 g) = 0.557 W/kg

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



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

#28_WCDMA IV_RMC 12.2Kbps_Back_10mm_Ch1312

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

Medium: MSL_1750_170911 Medium parameters used : $f = 1712.4$ MHz; $\sigma = 1.444$ S/m; $\epsilon_r = 54.871$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3071; ConvF(4.56, 4.56, 4.56); Calibrated: 2016/12/8;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

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

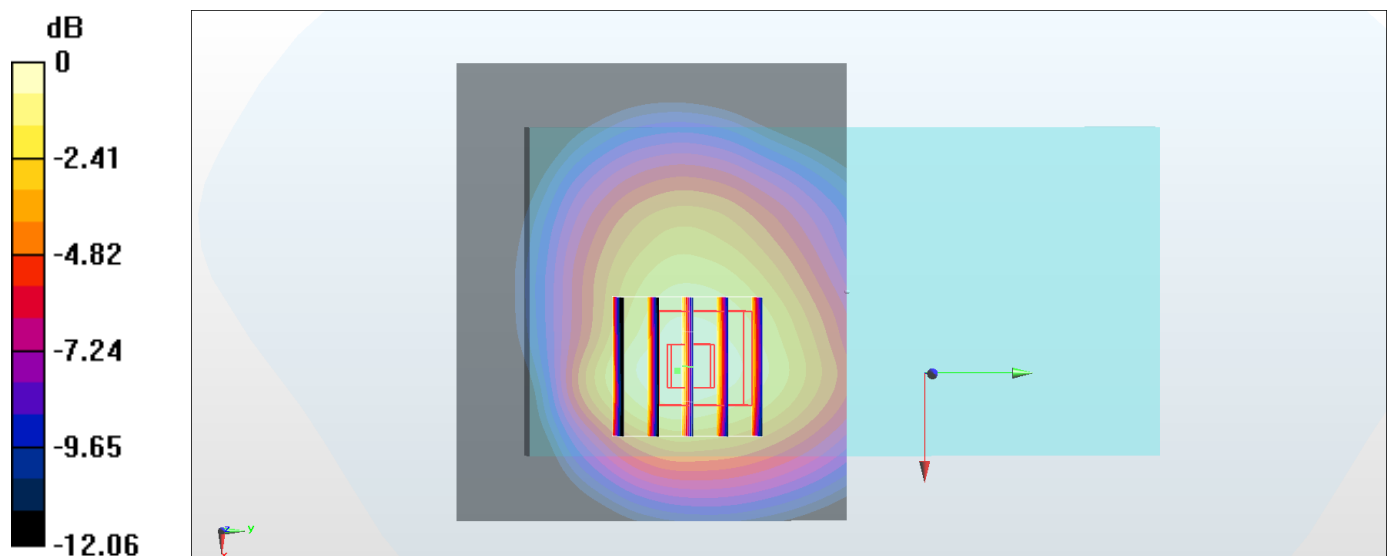
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.44 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.79 W/kg

SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.782 W/kg

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



0 dB = 1.43 W/kg = 1.55 dBW/kg

#29_WCDMA V_RMC 12.2Kbps_Back_10mm_Ch4132

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

Medium: MSL_850_170912 Medium parameters used : $f = 826.4$ MHz; $\sigma = 0.995$ S/m; $\epsilon_r = 57.576$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3071; ConvF(5.68, 5.68, 5.68); Calibrated: 2016/12/8;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- 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) = 0.888 W/kg

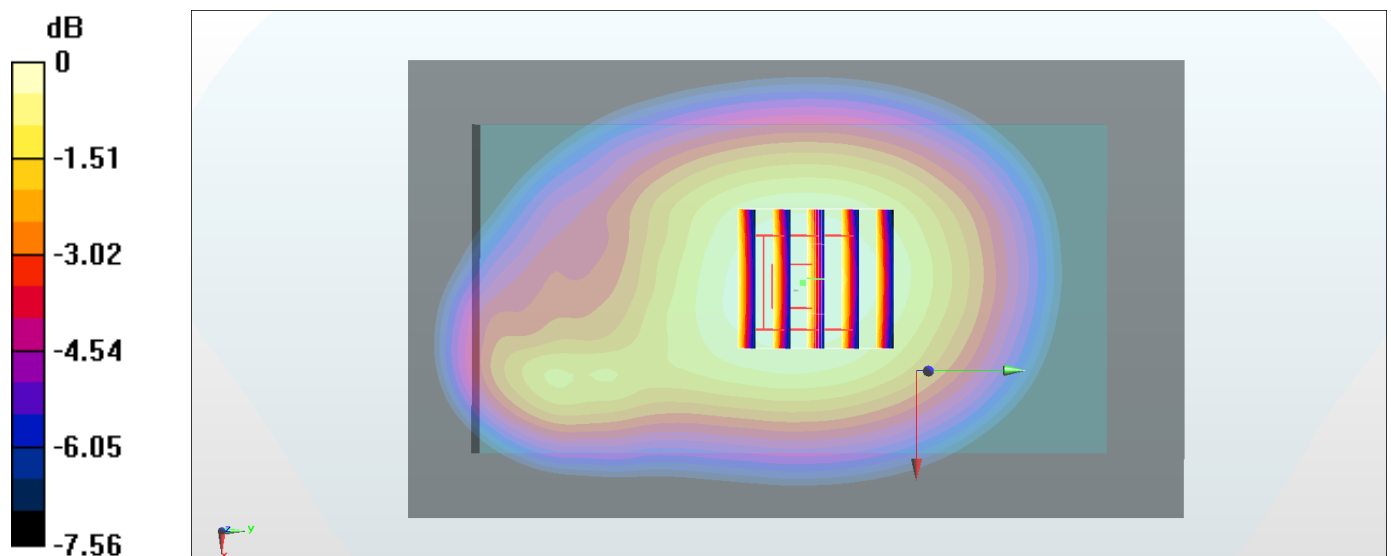
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.41 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.998 W/kg

SAR(1 g) = 0.809 W/kg; SAR(10 g) = 0.622 W/kg

Maximum value of SAR (measured) = 0.879 W/kg



0 dB = 0.879 W/kg = -0.56 dBW/kg

#30_LTE Band 2_20M_QPSK_1_0_Back_10mm_Ch19100

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

Medium: MSL_1900_170911 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.574$ S/m; $\epsilon_r = 53.685$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3071; ConvF(4.23, 4.23, 4.23); Calibrated: 2016/12/8;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

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

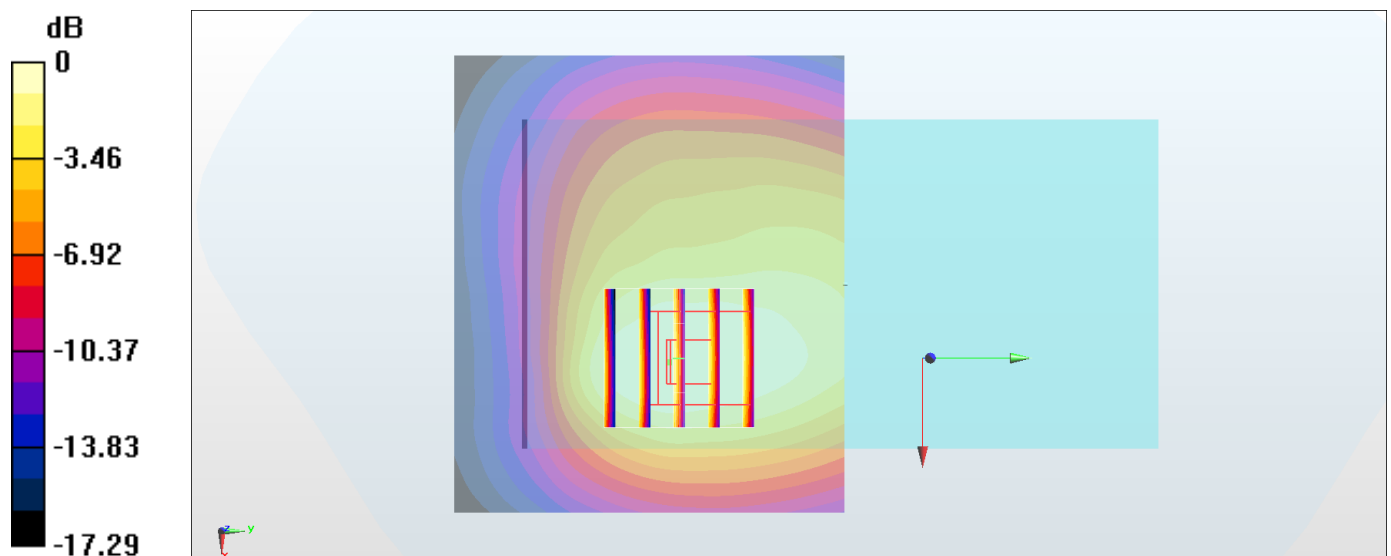
Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 29.38 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.71 W/kg

SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.692 W/kg

Maximum value of SAR (measured) = 1.31 W/kg



0 dB = 1.31 W/kg = 1.17 dBW/kg

#31_LTE Band 4_20M_QPSK_1_0_Back_10mm_Ch20175

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

Medium: MSL_1750_170911 Medium parameters used : $f = 1732.5$ MHz; $\sigma = 1.465$ S/m; $\epsilon_r = 54.802$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3071; ConvF(4.56, 4.56, 4.56); Calibrated: 2016/12/8;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

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

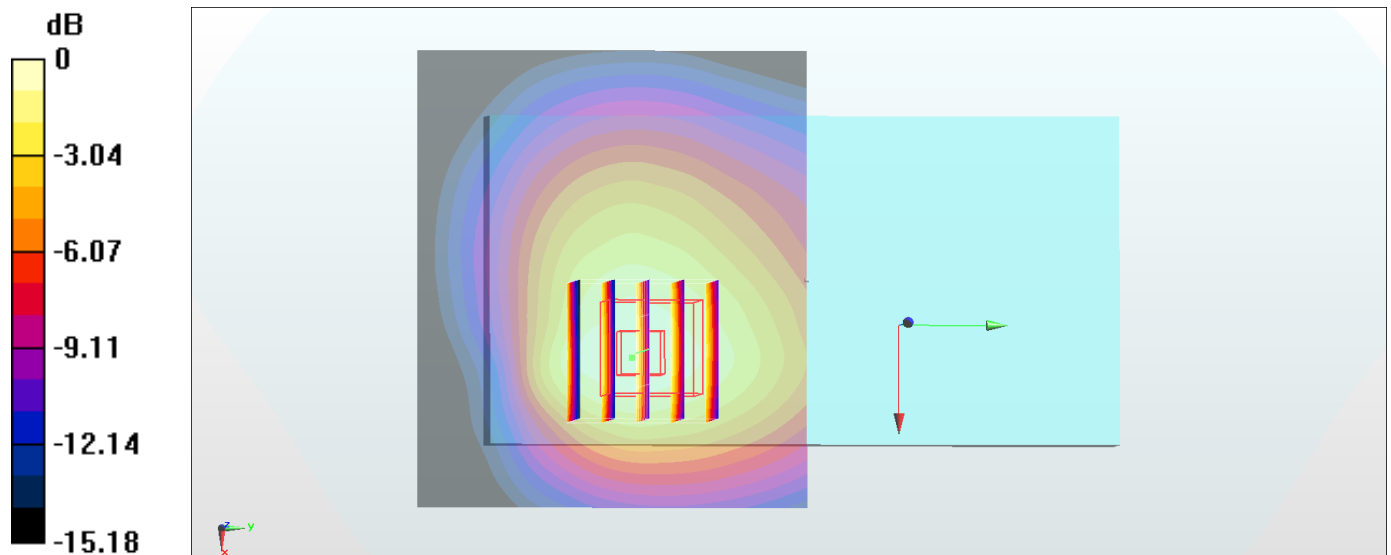
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.16 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.894 W/kg; SAR(10 g) = 0.569 W/kg

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



0 dB = 1.05 W/kg = 0.21 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_170912 Medium parameters used : $f = 836.5$ MHz; $\sigma = 1.004$ S/m; $\epsilon_r = 57.485$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3071; ConvF(5.68, 5.68, 5.68); Calibrated: 2016/12/8;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- 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) = 0.724 W/kg

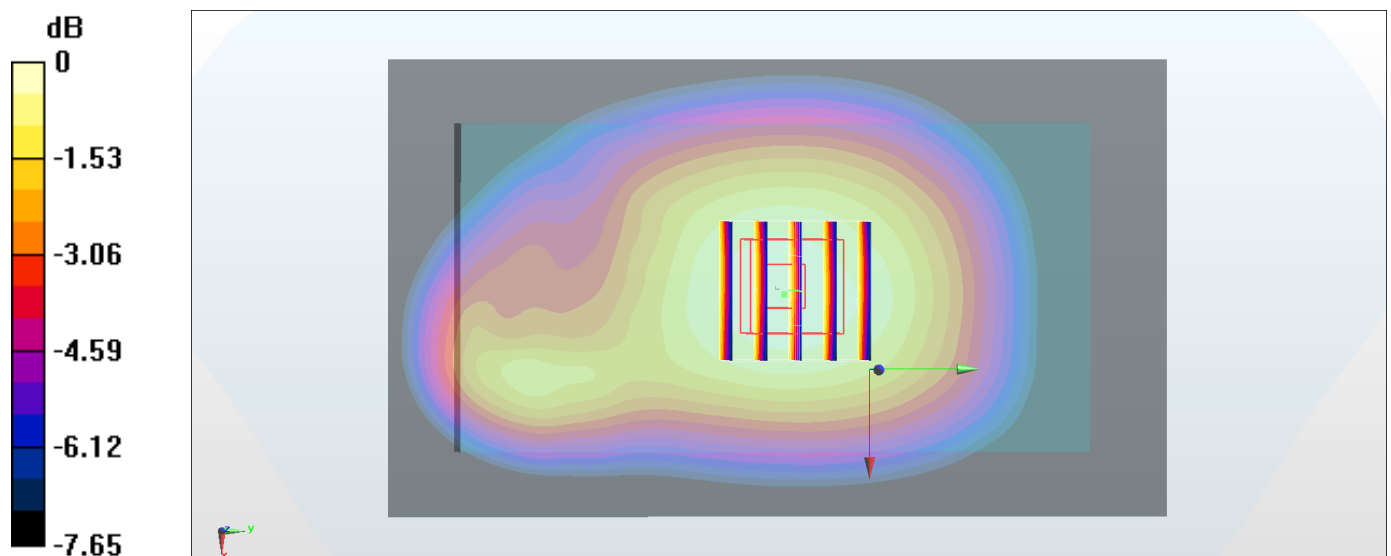
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.10 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.834 W/kg

SAR(1 g) = 0.672 W/kg; SAR(10 g) = 0.514 W/kg

Maximum value of SAR (measured) = 0.736 W/kg



0 dB = 0.736 W/kg = -1.33 dBW/kg

#33_LTE Band 7_20M_QPSK_1_0_Back_10mm_Ch21350

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

Medium: MSL_2600_170911 Medium parameters used: $f = 2560$ MHz; $\sigma = 2.131$ S/m; $\epsilon_r = 53.318$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3071; ConvF(3.74, 3.74, 3.74); Calibrated: 2016/12/8;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

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

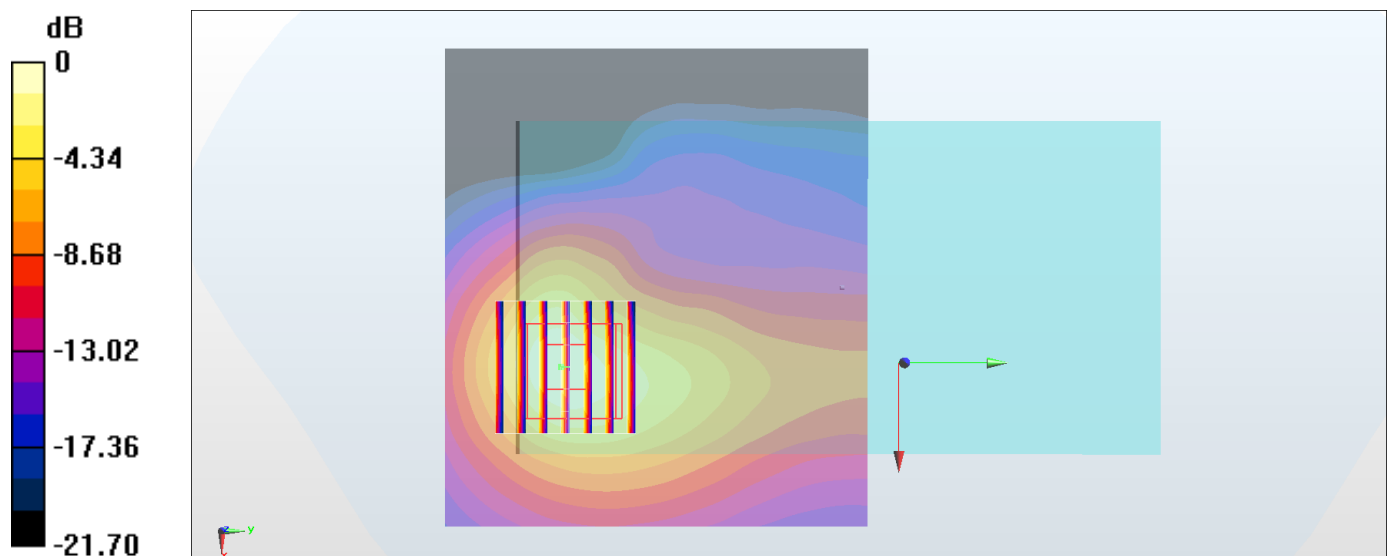
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.19 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.98 W/kg

SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.515 W/kg

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



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

#34_LTE Band 12_10M_QPSK_1_0_Back_10mm_Ch23095

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

Medium: MSL_750_170912 Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.935$ S/m;

$\epsilon_r = 56.037$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3071; ConvF(5.7, 5.7, 5.7); Calibrated: 2016/12/8;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM_Left; Type: QD000P40CD; Serial: S/N:1796
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

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

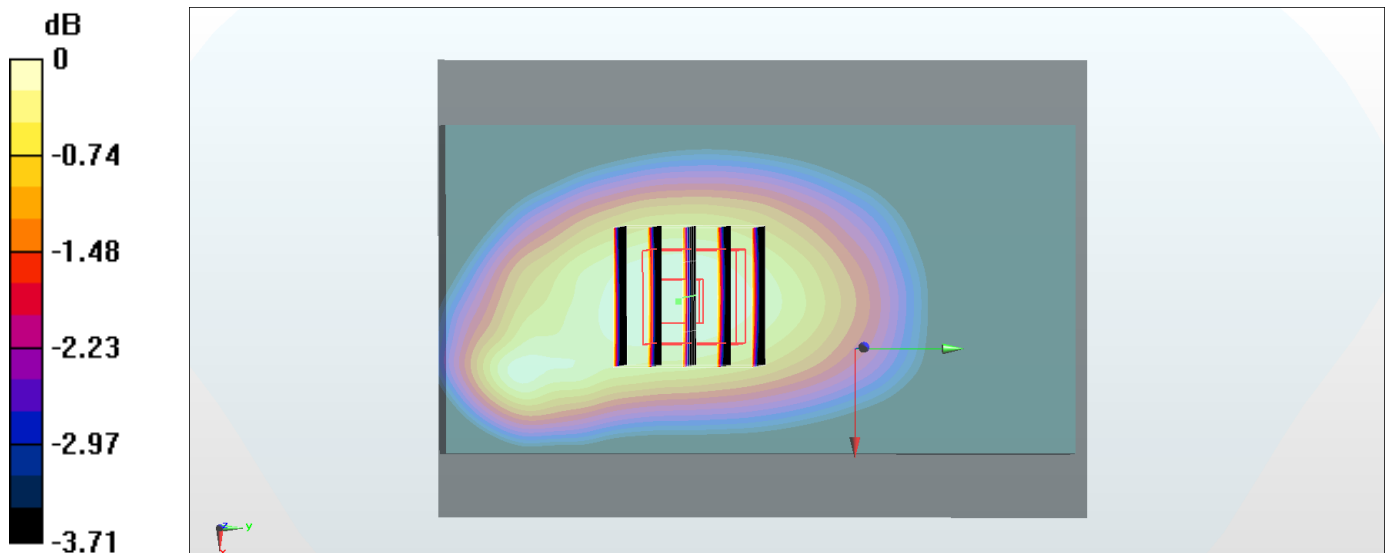
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.59 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.556 W/kg

SAR(1 g) = 0.441 W/kg; SAR(10 g) = 0.342 W/kg

Maximum value of SAR (measured) = 0.482 W/kg



0 dB = 0.482 W/kg = -3.17 dBW/kg

#35_WLAN2.4GHz_802.11b 1Mbps_Back_10mm_Ch11

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

Medium: MSL_2450_170913 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.02$ S/m; $\epsilon_r = 52.89$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3071; ConvF(3.88, 3.88, 3.88); Calibrated: 2016/12/8;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.158 W/kg

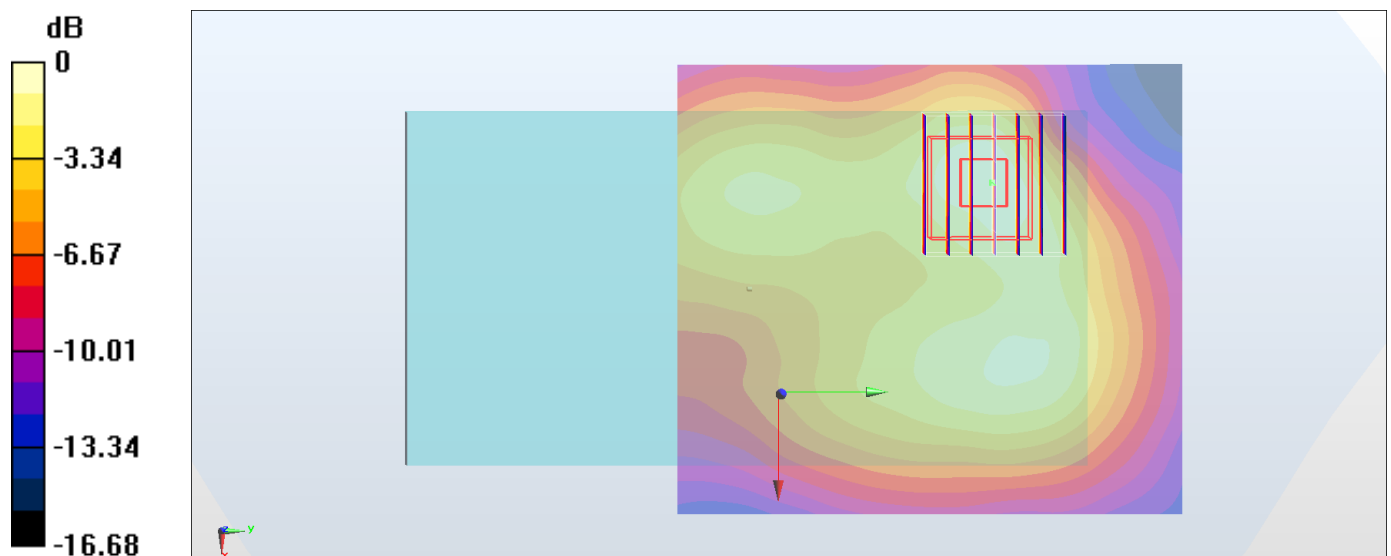
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 6.726 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.224 W/kg

SAR(1 g) = 0.121 W/kg; SAR(10 g) = 0.064 W/kg

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



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

#36_Bluetooth_1Mbps_Back_10mm_Ch78

Communication System: Bluetooth ; Frequency: 2480 MHz; Duty Cycle: 1:1.31

Medium: MSL_2450_170913 Medium parameters used: $f = 2480$ MHz; $\sigma = 2.045$ S/m; $\epsilon_r = 52.825$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: ES3DV3 - SN3071; ConvF(3.88, 3.88, 3.88); Calibrated: 2016/12/8;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: SAM_Right; Type: QD000P40CD; Serial: S/N:1801
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

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

Maximum value of SAR (interpolated) = 0.0245 W/kg

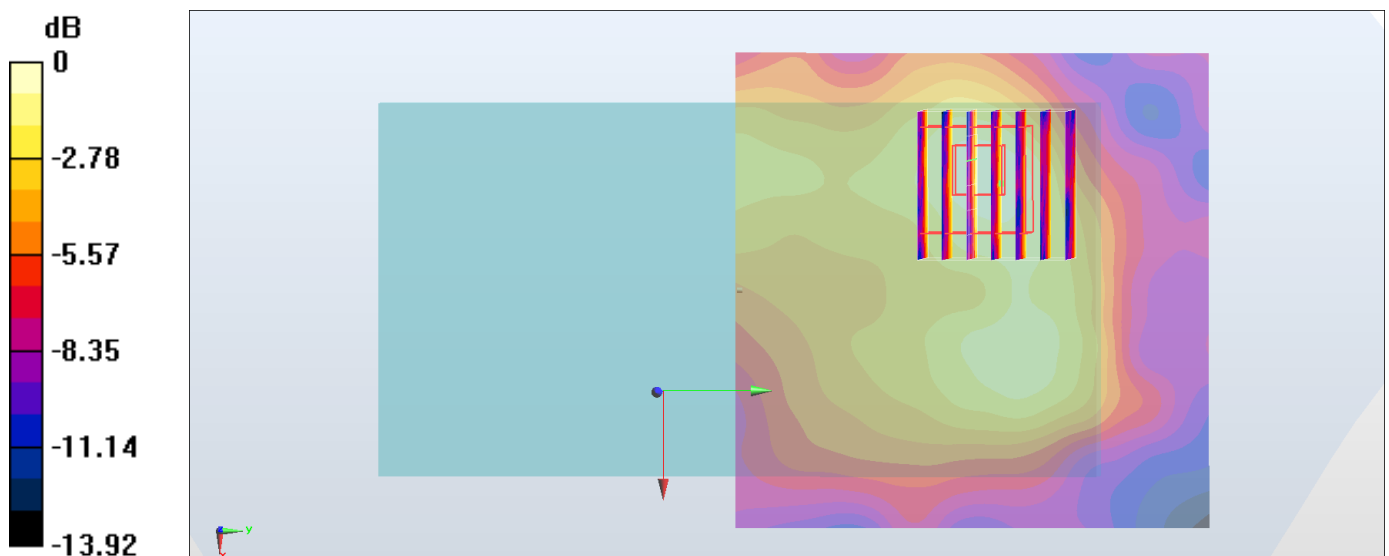
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.843 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.0390 W/kg

SAR(1 g) = 0.020 W/kg; SAR(10 g) = 0.011 W/kg

Maximum value of SAR (measured) = 0.0251 W/kg



0 dB = 0.0251 W/kg = -16.00 dBW/kg