Appendix B.   Plots of SAR Measurement

The plots are shown as follows.

53 GSM850_GSM Voice_Right Cheek_Ch251_#1

DUT: 312203

Communication System: Generic GSM; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_130304 Medium parameters used: f = 849 MHz; σ = 0.913 mho/m; ε_r = 40.428; ρ =

1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (51x141x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.548 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.770 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.642 mW/g
SAR(1 g) = 0.433 mW/g; SAR(10 g) = 0.251 mW/g
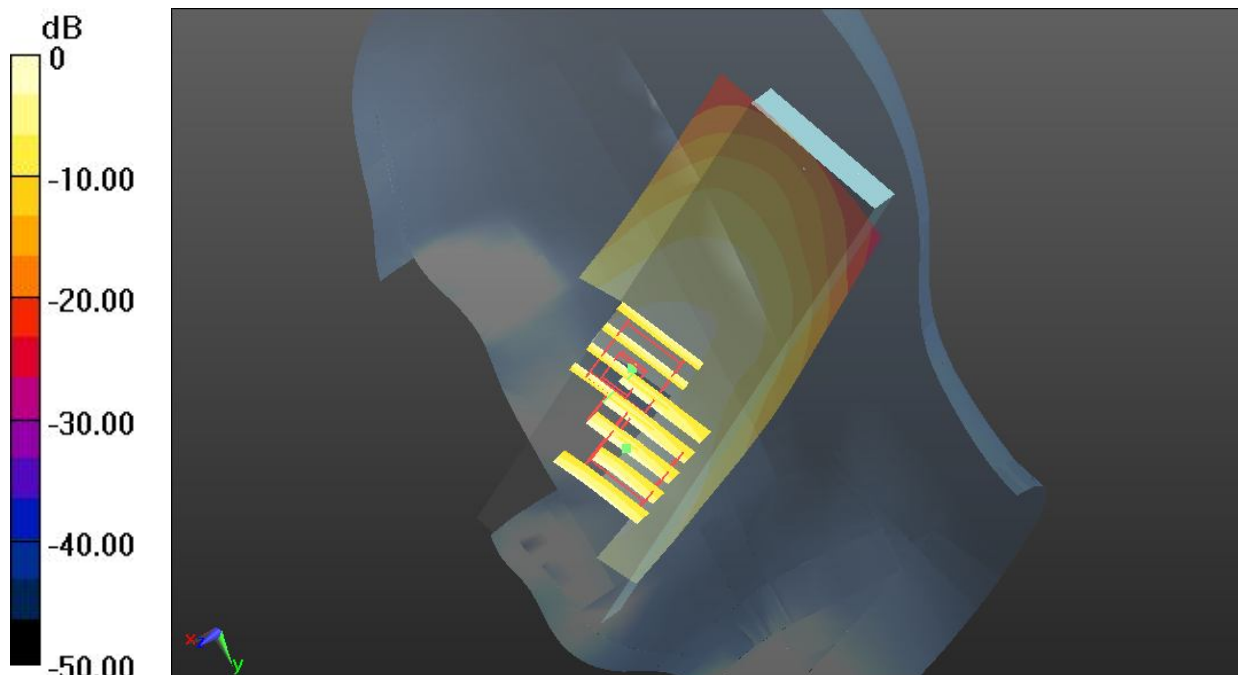Maximum value of SAR (measured) = 0.535 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.770 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.668 mW/g
SAR(1 g) = 0.431 mW/g; SAR(10 g) = 0.273 mW/g
Maximum value of SAR (measured) = 0.538 W/kg

0 dB = 0.538 W/kg

54 GSM850_GSM Voice_Right Tilted_Ch251_#1

DUT: 312203

Communication System: Generic GSM; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_130304 Medium parameters used: f = 849 MHz; σ = 0.913 mho/m; ε_r = 40.428; ρ
= 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (51x141x1): Interpolated grid: dx=15mm, dy=15mm
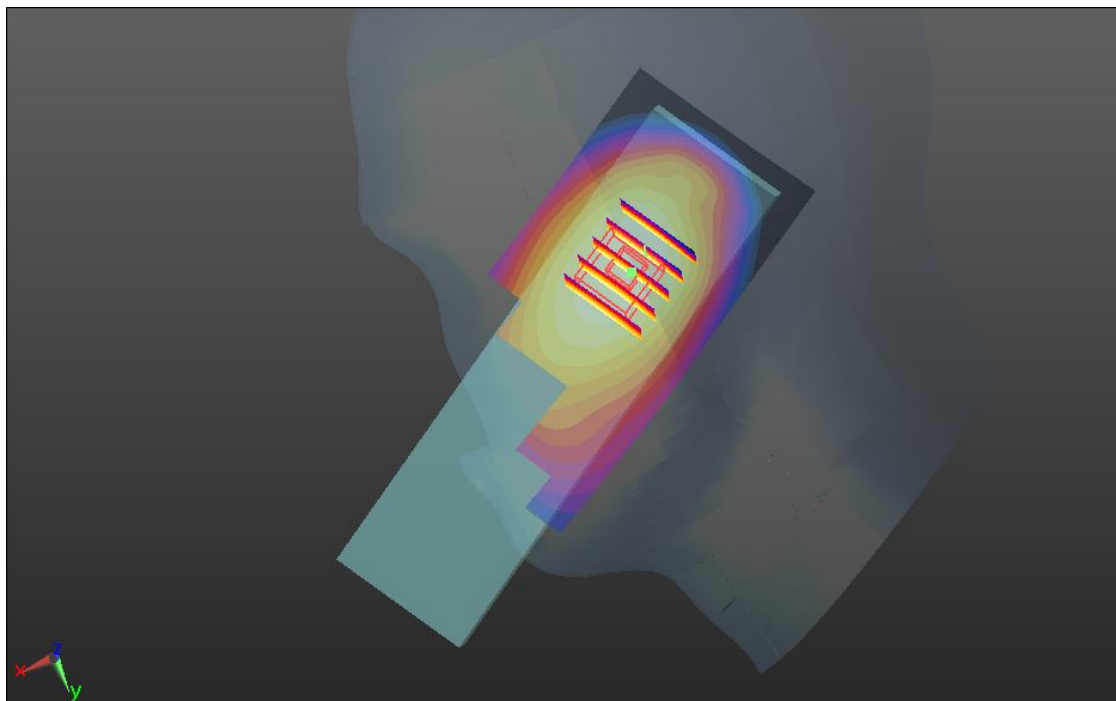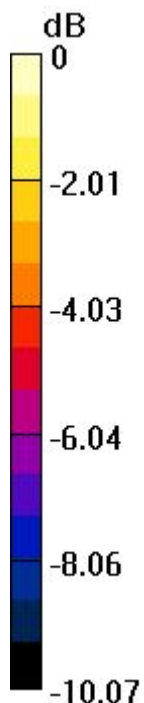Maximum value of SAR (interpolated) = 0.239 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.451 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.266 mW/g
SAR(1 g) = 0.207 mW/g; SAR(10 g) = 0.157 mW/g
Maximum value of SAR (measured) = 0.236 W/kg

0 dB = 0.236 W/kg

55 GSM850_GSM Voice_Left Cheek_Ch251_#1

DUT: 312203

Communication System: Generic GSM; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_130304 Medium parameters used: f = 849 MHz; σ = 0.913 mho/m; ε_r = 40.428; ρ

= 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (51x141x1): Interpolated grid: dx=15mm, dy=15mm
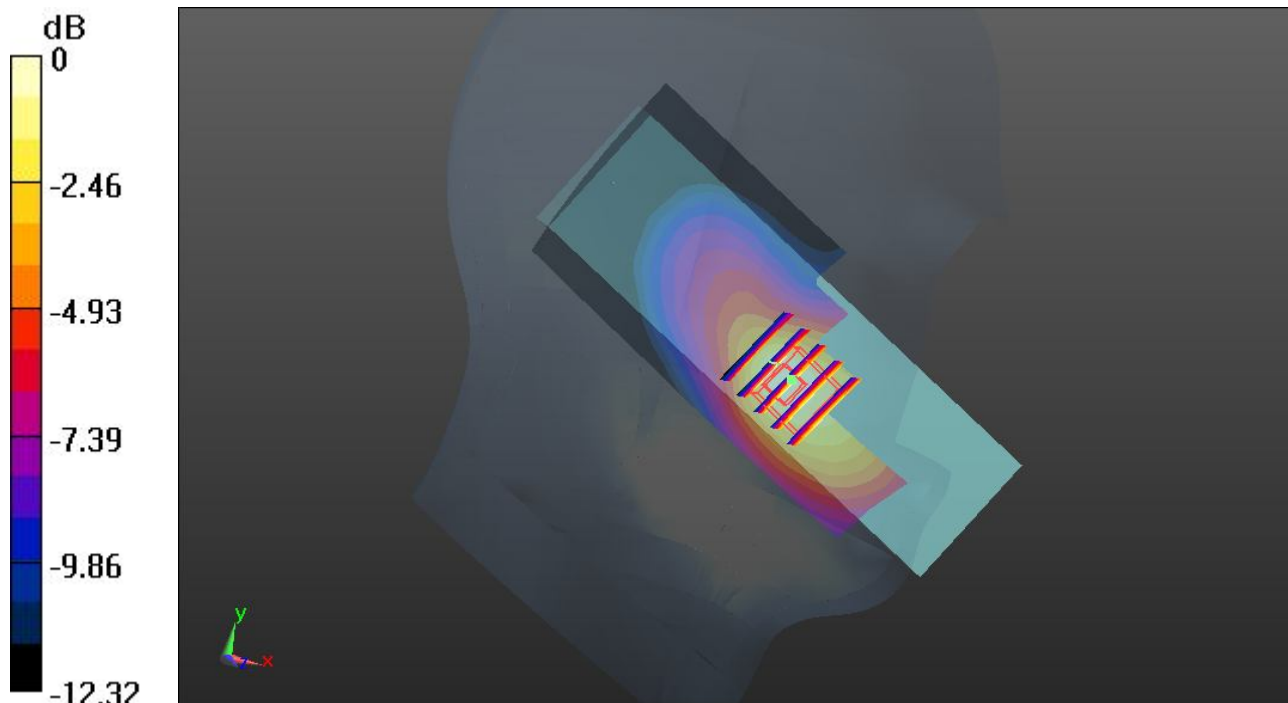Maximum value of SAR (interpolated) = 0.827 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.941 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.030 mW/g
SAR(1 g) = 0.547 mW/g; SAR(10 g) = 0.343 mW/g
Maximum value of SAR (measured) = 0.741 W/kg

0 dB = 0.741 W/kg

56 GSM850_GSM Voice_Left Tilted_Ch251_#1

DUT: 312203

Communication System: Generic GSM; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_130304 Medium parameters used: f = 849 MHz; σ = 0.913 mho/m; ε_r = 40.428; ρ

= 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (51x141x1): Interpolated grid: dx=15mm, dy=15mm
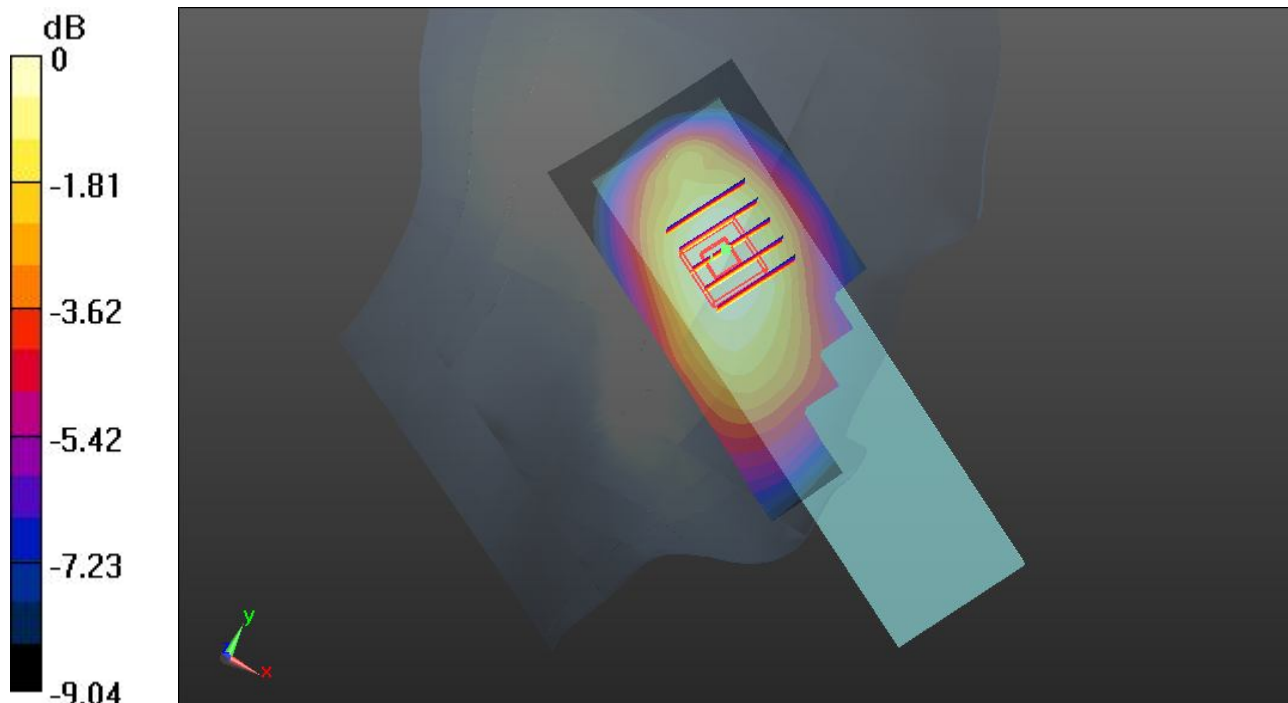Maximum value of SAR (interpolated) = 0.249 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.726 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.272 mW/g
SAR(1 g) = 0.212 mW/g; SAR(10 g) = 0.158 mW/g
Maximum value of SAR (measured) = 0.242 W/kg

0 dB = 0.242 W/kg

57 GSM850_GSM Voice_Left Cheek_Ch128_#1

DUT: 312203

Communication System: Generic GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_130304 Medium parameters used: f = 824.2 MHz; σ = 0.891 mho/m; ε$_r$ = 40.719;

ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch128/Area Scan (51x141x1): Interpolated grid: dx=15mm, dy=15mm
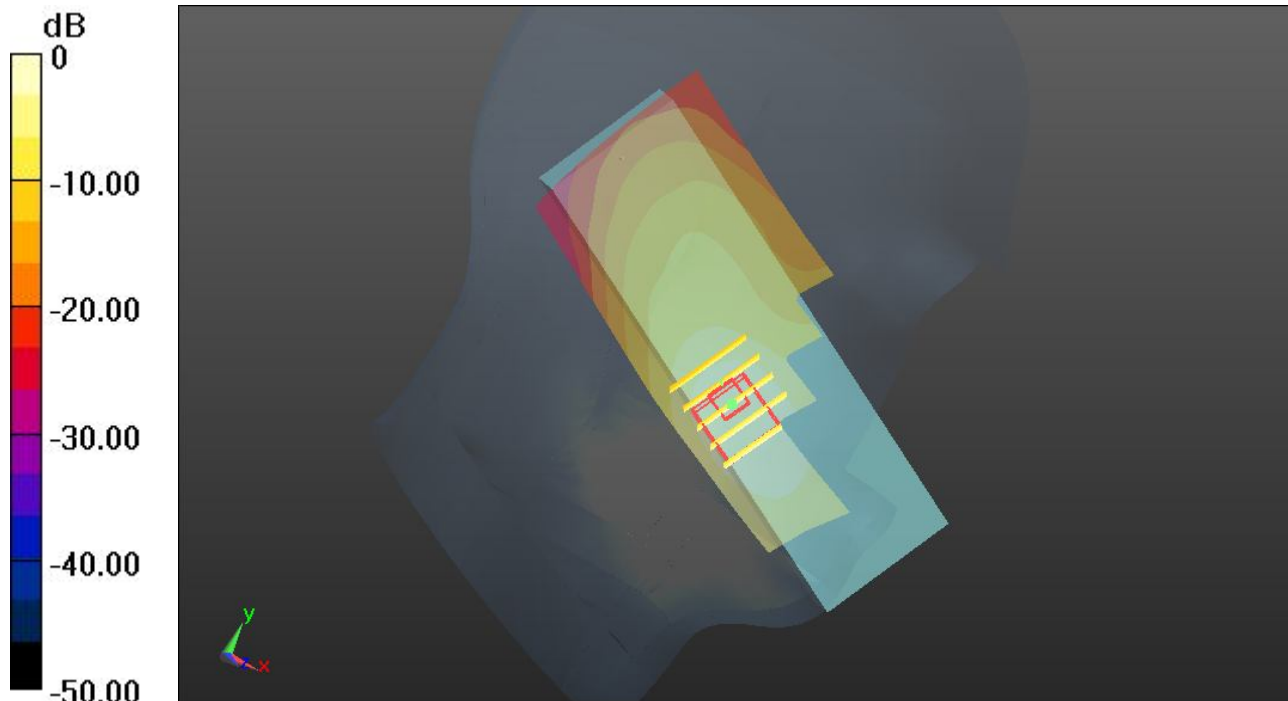Maximum value of SAR (interpolated) = 0.892 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.044 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.194 mW/g
SAR(1 g) = 0.575 mW/g; SAR(10 g) = 0.354 mW/g
Maximum value of SAR (measured) = 0.813 W/kg

0 dB = 0.813 W/kg

58 GSM850_GSM Voice_Left Cheek_Ch189_#1

DUT: 312203

Communication System: Generic GSM; Frequency: 836.4 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_130304 Medium parameters used: f = 836.4 MHz; σ = 0.902 mho/m; $ε_r$ = 40.572;

ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch189/Area Scan (51x141x1): Interpolated grid: dx=15mm, dy=15mm
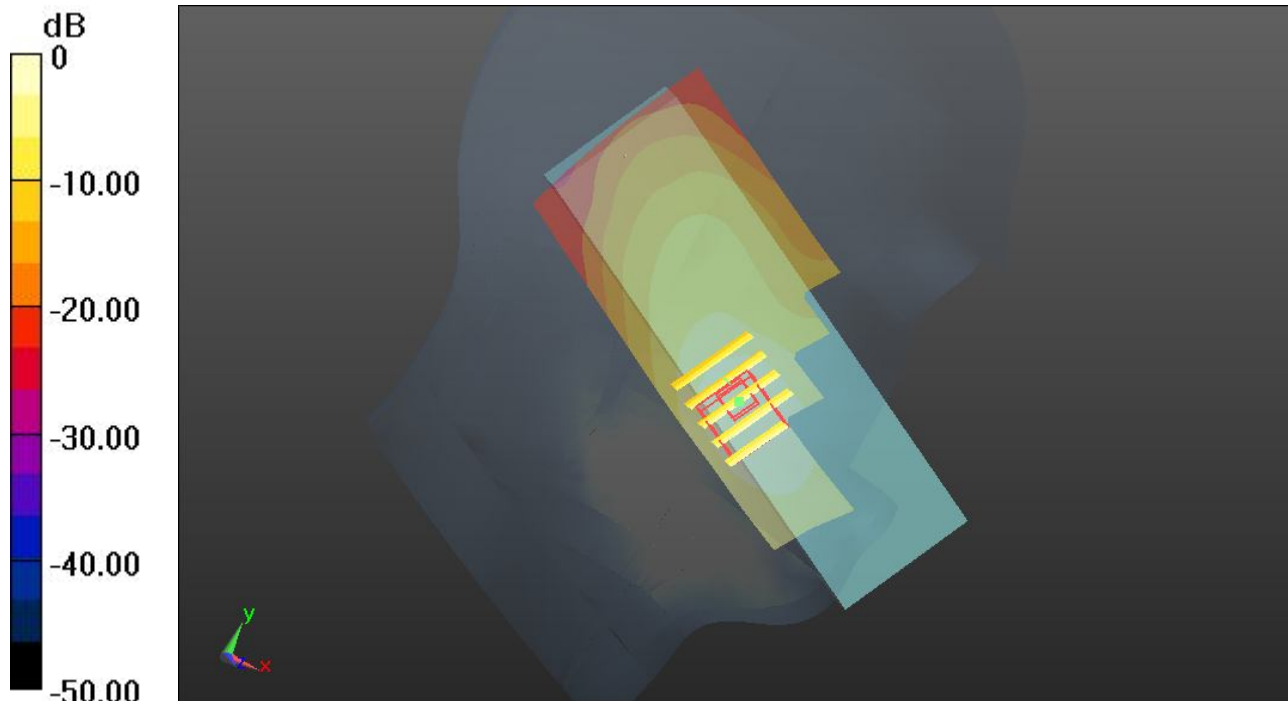Maximum value of SAR (interpolated) = 0.928 W/kg

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.722 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.214 mW/g
SAR(1 g) = 0.601 mW/g; SAR(10 g) = 0.368 mW/g
Maximum value of SAR (measured) = 0.833 W/kg

0 dB = 0.833 W/kg

71 GSM850_GSM Voice_Left Cheek_Ch189_#2

DUT: 312203

Communication System: Generic GSM; Frequency: 836.4 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_130315 Medium parameters used: f = 836.5 MHz; σ = 0.898 mho/m; ε_r = 40.771;

ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch189/Area Scan (51x141x1): Interpolated grid: dx=15mm, dy=15mm
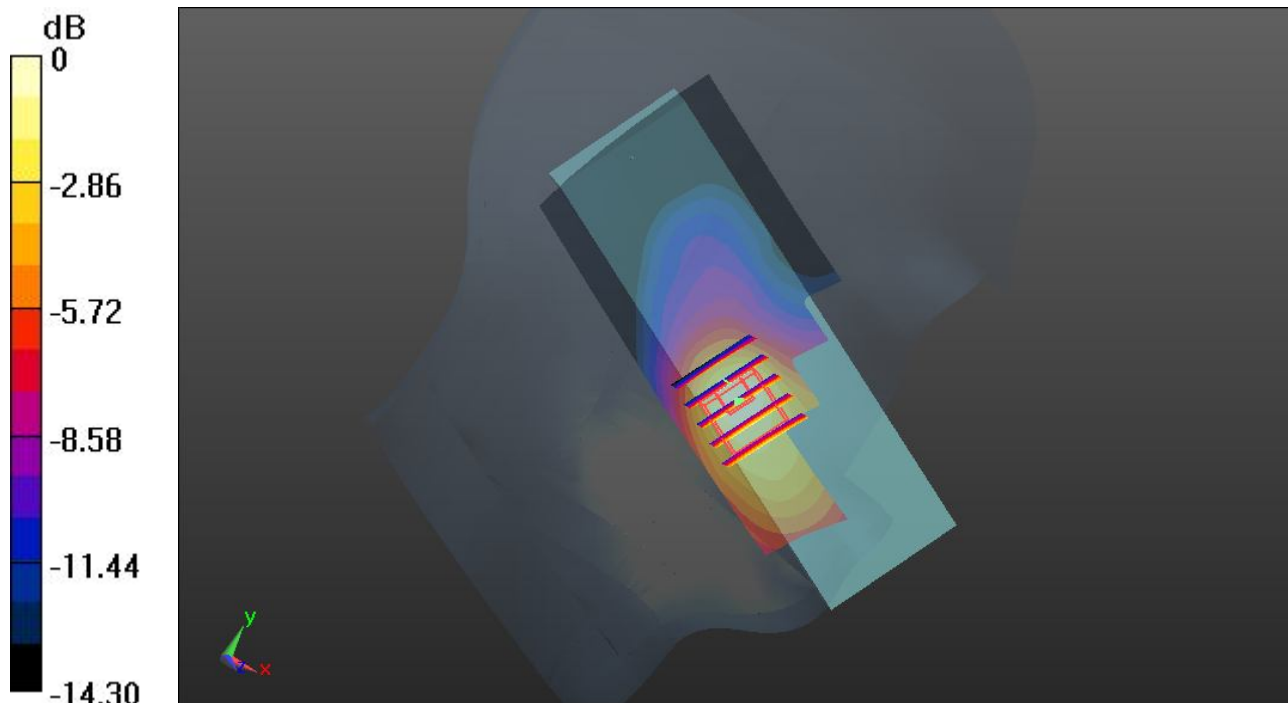Maximum value of SAR (interpolated) = 0.925 W/kg

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.144 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.348 mW/g
SAR(1 g) = 0.636 mW/g; SAR(10 g) = 0.390 mW/g
Maximum value of SAR (measured) = 0.948 W/kg

0 dB = 0.948 W/kg

86 GSM850_GSM Voice_Left Cheek_Ch128_#2

DUT: 312203

Communication System: Generic GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_130315 Medium parameters used: f = 824.2 MHz; σ = 0.888 mho/m; ε_r = 40.885;

ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch128/Area Scan (51x141x1): Interpolated grid: dx=15mm, dy=15mm
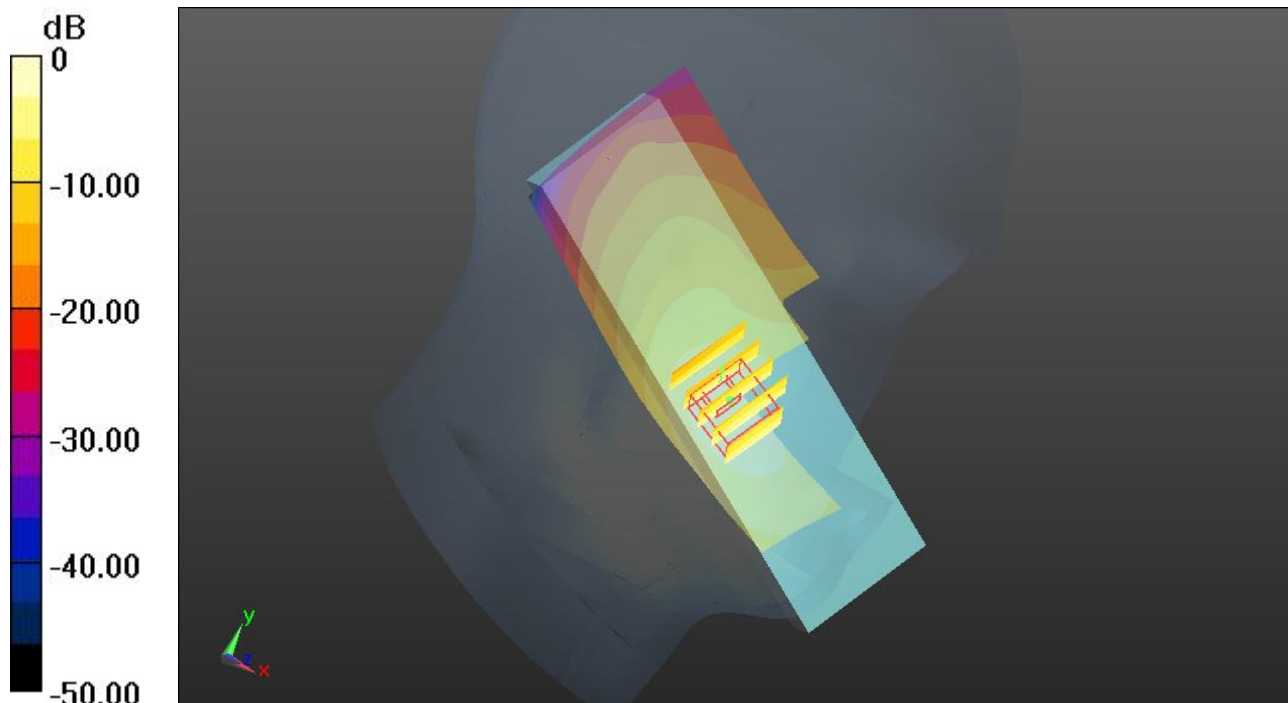Maximum value of SAR (interpolated) = 0.957 W/kg

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.175 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.453 mW/g
SAR(1 g) = 0.624 mW/g; SAR(10 g) = 0.367 mW/g
Maximum value of SAR (measured) = 1.01 W/kg

0 dB = 1.01 W/kg

87 GSM850_GSM Voice_Left Cheek_Ch251_#2

DUT: 312203

Communication System: Generic GSM; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_130315 Medium parameters used: f = 849 MHz; σ = 0.908 mho/m; ε_r = 40.637; ρ

= 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (51x141x1): Interpolated grid: dx=15mm, dy=15mm
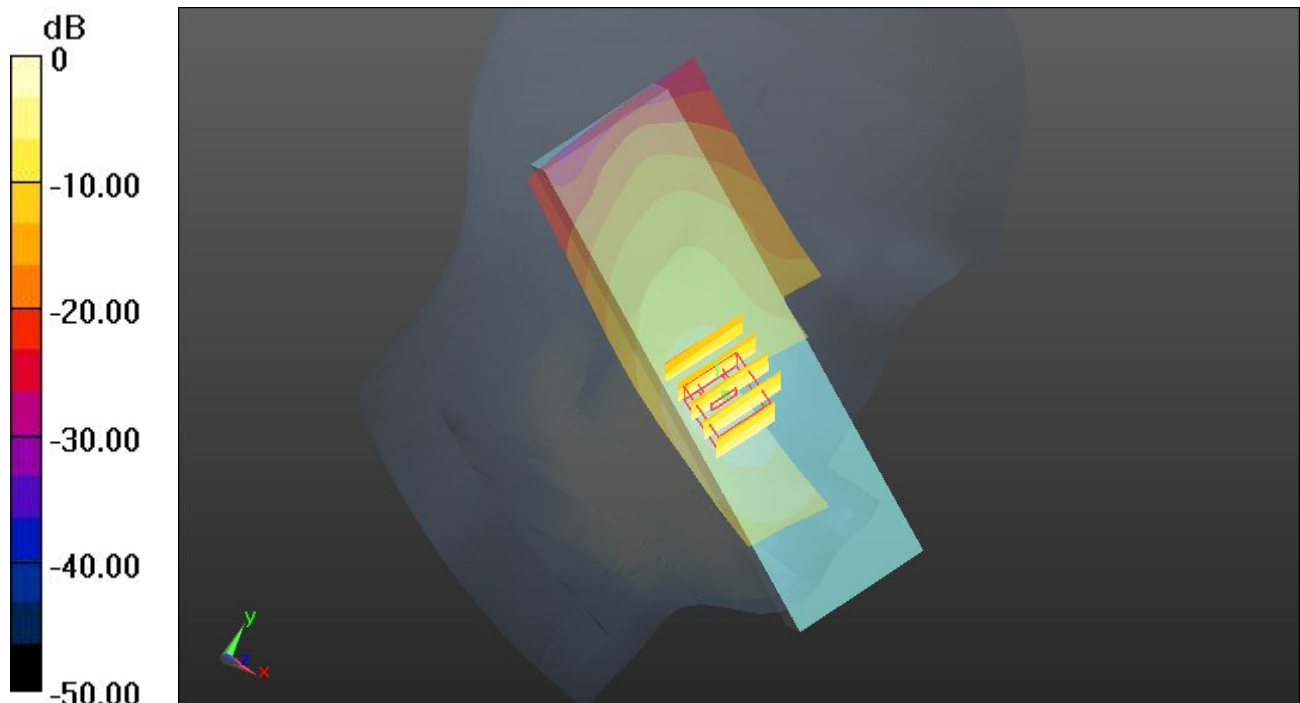Maximum value of SAR (interpolated) = 1.02 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.133 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.515 mW/g
SAR(1 g) = 0.632 mW/g; SAR(10 g) = 0.387 mW/g
Maximum value of SAR (measured) = 1.07 W/kg

0 dB = 1.07 W/kg

59 GSM850_GSM Voice_Right Cheek-SAR in mouth area_3.5cm_Ch251_#1

DUT: 312203

Communication System: Generic GSM; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_130304 Medium parameters used: f = 849 MHz; σ = 0.913 mho/m; ε_r = 40.428; ρ =

1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (81x51x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.111 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.280 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.128 mW/g
SAR(1 g) = 0.097 mW/g; SAR(10 g) = 0.071 mW/g
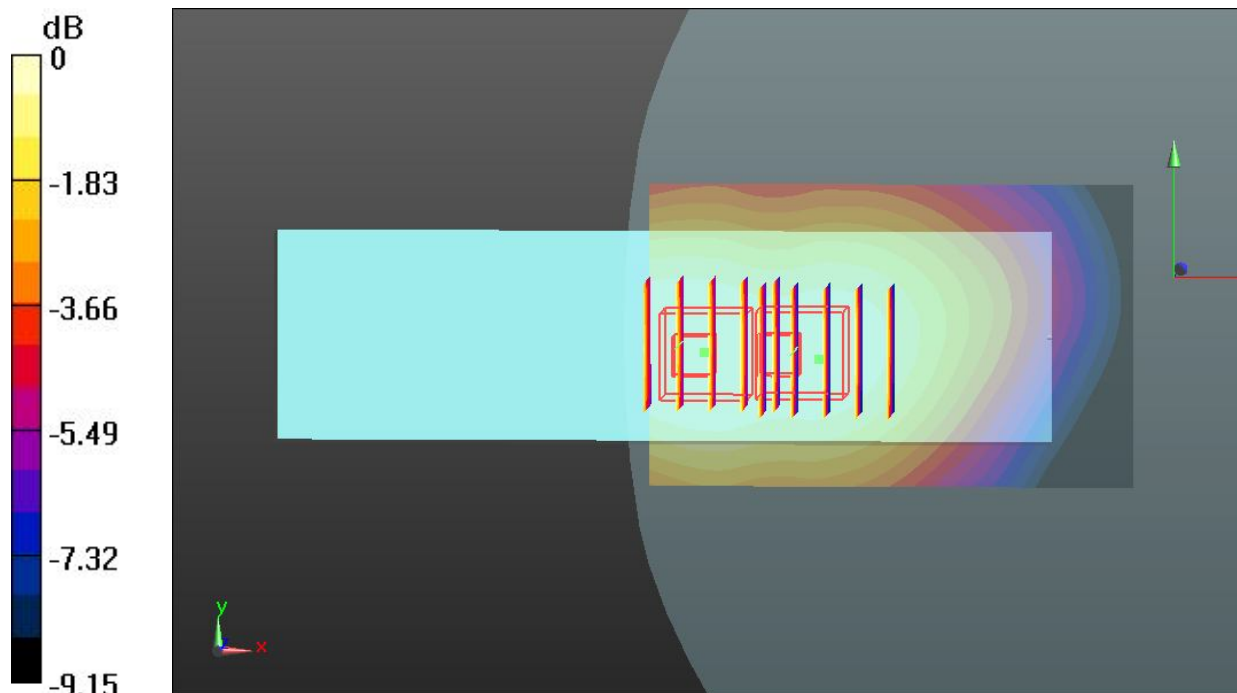Maximum value of SAR (measured) = 0.113 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.280 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.116 mW/g
SAR(1 g) = 0.086 mW/g; SAR(10 g) = 0.063 mW/g
Maximum value of SAR (measured) = 0.102 W/kg

0 dB = 0.102 W/kg

60 GSM850_GSM Voice_Right Tilted-SAR in mouth area_6.6cm_Ch251_#1

DUT: 312203

Communication System: Generic GSM; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_130304 Medium parameters used: f = 849 MHz; σ = 0.913 mho/m; ε_r = 40.428; ρ =

1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (81x51x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0530 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.795 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.064 mW/g
SAR(1 g) = 0.047 mW/g; SAR(10 g) = 0.035 mW/g
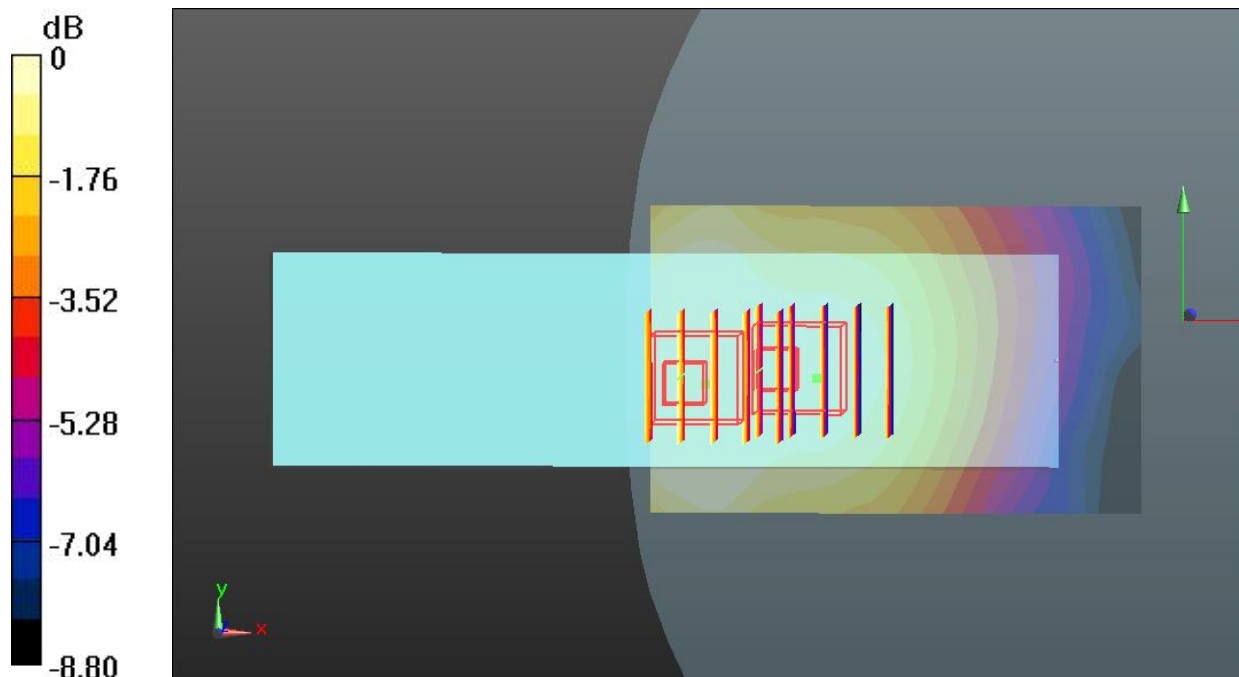Maximum value of SAR (measured) = 0.0559 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.795 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.050 mW/g
SAR(1 g) = 0.038 mW/g; SAR(10 g) = 0.028 mW/g
Maximum value of SAR (measured) = 0.0449 W/kg

0 dB = 0.0449 W/kg

61 GSM850_GSM Voice_Left Cheek-SAR in mouth area_3.3cm_Ch251_#1

DUT: 312203

Communication System: Generic GSM; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_130304 Medium parameters used: f = 849 MHz; σ = 0.913 mho/m; ε_r = 40.428; ρ =

1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (81x51x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.130 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.053 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.145 mW/g
SAR(1 g) = 0.111 mW/g; SAR(10 g) = 0.082 mW/g
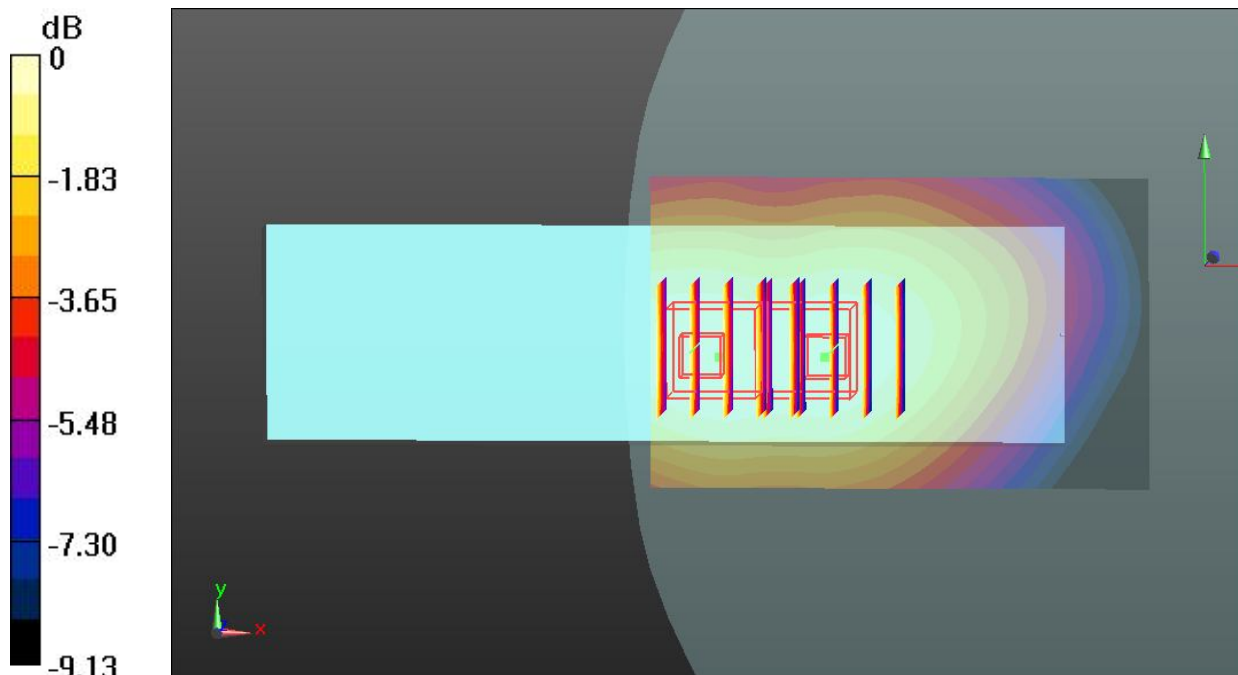Maximum value of SAR (measured) = 0.130 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.053 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.144 mW/g
SAR(1 g) = 0.105 mW/g; SAR(10 g) = 0.076 mW/g
Maximum value of SAR (measured) = 0.126 W/kg

0 dB = 0.126 W/kg

62 GSM850_GSM Voice_Left Tilted-SAR in mouth area_6.5cm_Ch251_#1

DUT: 312203

Communication System: Generic GSM; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_130304 Medium parameters used: f = 849 MHz; σ = 0.913 mho/m; ε_r = 40.428; ρ =

1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (81x51x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0570 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.050 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.067 mW/g
SAR(1 g) = 0.050 mW/g; SAR(10 g) = 0.038 mW/g
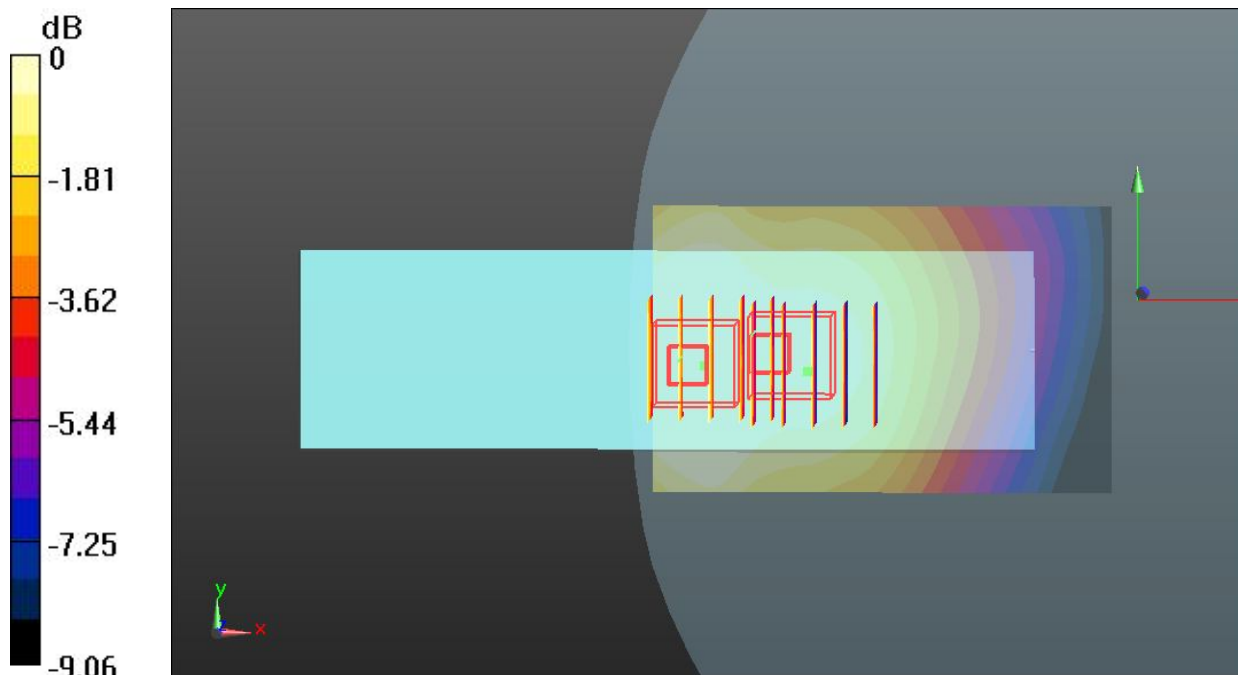Maximum value of SAR (measured) = 0.0592 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.050 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.054 mW/g
SAR(1 g) = 0.040 mW/g; SAR(10 g) = 0.030 mW/g
Maximum value of SAR (measured) = 0.0483 W/kg

0 dB = 0.0483 W/kg

72 GSM850_GSM Voice_Left Cheek-SAR in mouth area_3.3cm_Ch251_#2

DUT: 312203

Communication System: Generic GSM; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: HSL_835_130315 Medium parameters used: f = 849 MHz; σ = 0.908 mho/m; ε_r = 40.637; ρ =

1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (81x51x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.240 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.902 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.230 mW/g
SAR(1 g) = 0.172 mW/g; SAR(10 g) = 0.128 mW/g
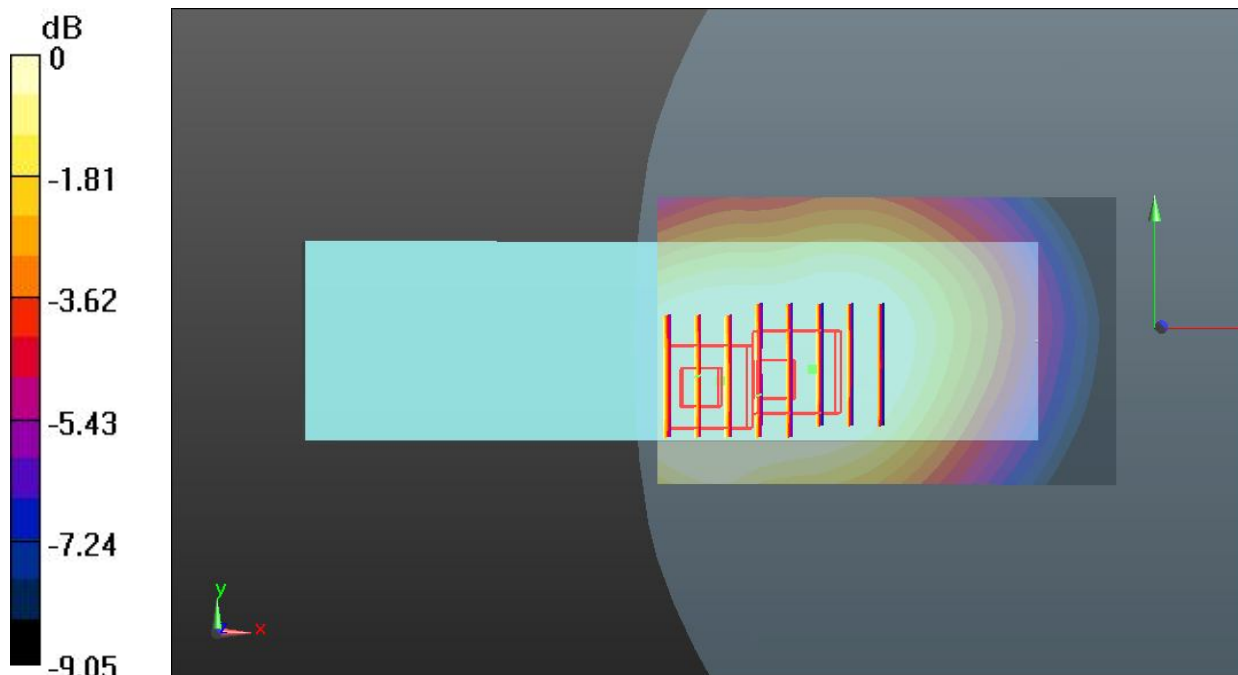Maximum value of SAR (measured) = 0.202 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.902 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.202 mW/g
SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.110 mW/g
Maximum value of SAR (measured) = 0.177 W/kg

0 dB = 0.177 W/kg

21 GSM1900_GSM Voice_Right Cheek_Ch661_#1

DUT: 312203

Communication System: Generic GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_130303 Medium parameters used: f = 1880 MHz; σ = 1.388 mho/m; ε_r =

39.717; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch661/Area Scan (51x141x1): Interpolated grid: dx=15mm, dy=15mm
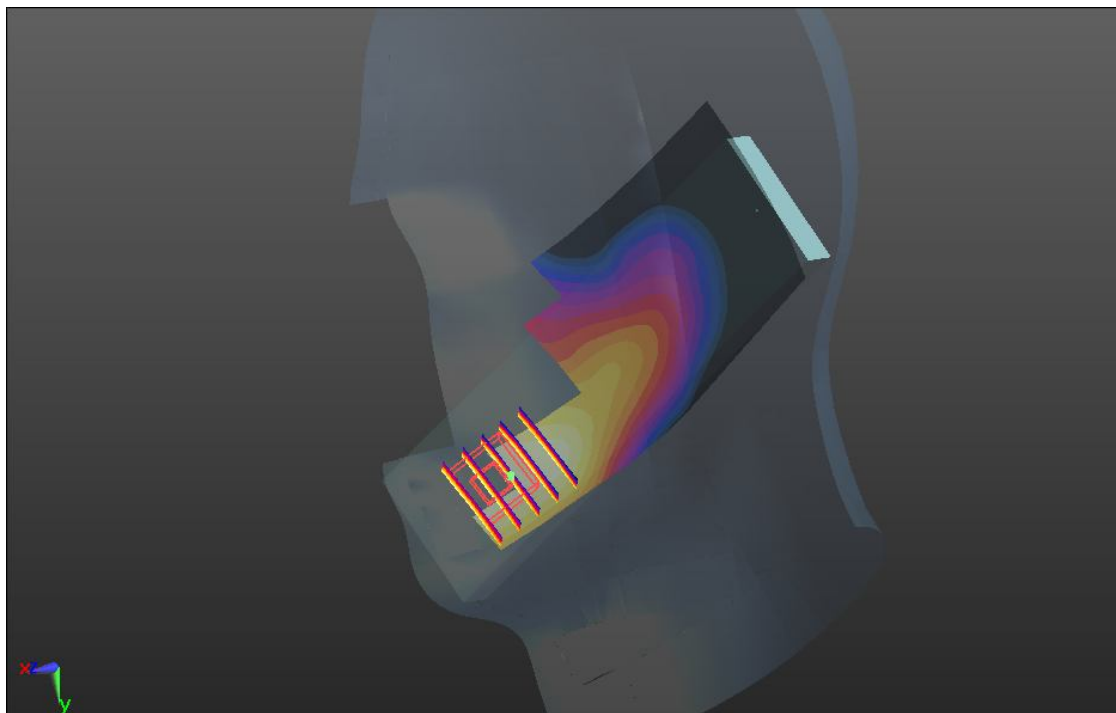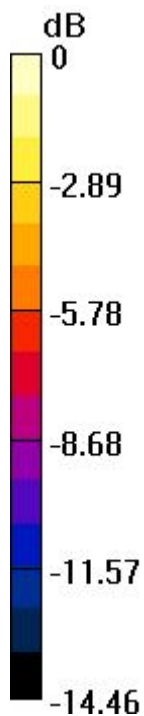Maximum value of SAR (interpolated) = 0.166 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.225 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.199 mW/g
SAR(1 g) = 0.131 mW/g; SAR(10 g) = 0.083 mW/g
Maximum value of SAR (measured) = 0.163 W/kg

0 dB = 0.163 W/kg

22 GSM1900_GSM Voice_Right Tilted_Ch661_#1

DUT: 312203

Communication System: Generic GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_130303 Medium parameters used: f = 1880 MHz; σ = 1.388 mho/m; ε_r =

39.717; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch661/Area Scan (51x141x1): Interpolated grid: dx=15mm, dy=15mm
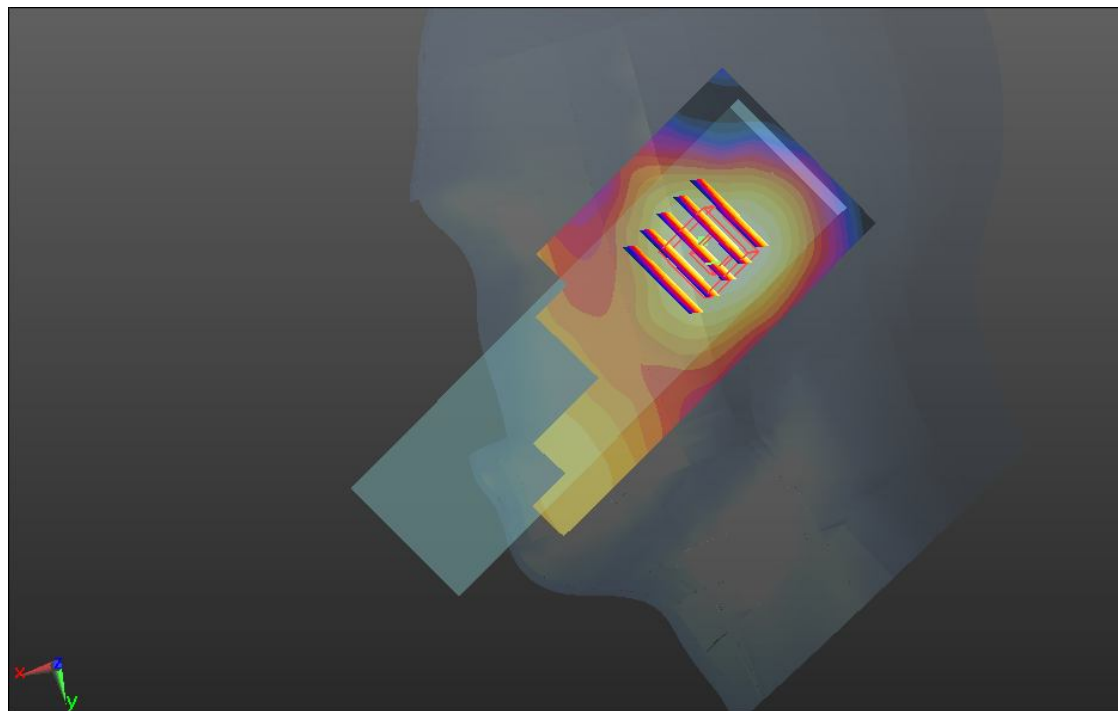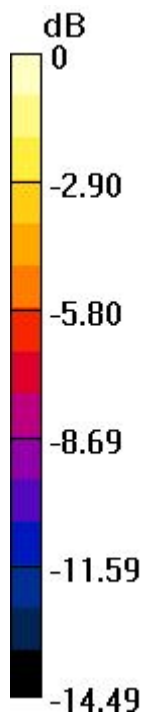Maximum value of SAR (interpolated) = 0.0588 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.387 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.067 mW/g
SAR(1 g) = 0.045 mW/g; SAR(10 g) = 0.029 mW/g
Maximum value of SAR (measured) = 0.0558 W/kg

0 dB = 0.0558 W/kg

23 GSM1900_GSM Voice_Left Cheek_Ch66_#1

DUT: 312203

Communication System: Generic GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_130303 Medium parameters used: f = 1880 MHz; σ = 1.388 mho/m; ε_r =

39.717; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch661/Area Scan (51x141x1): Interpolated grid: dx=15mm, dy=15mm
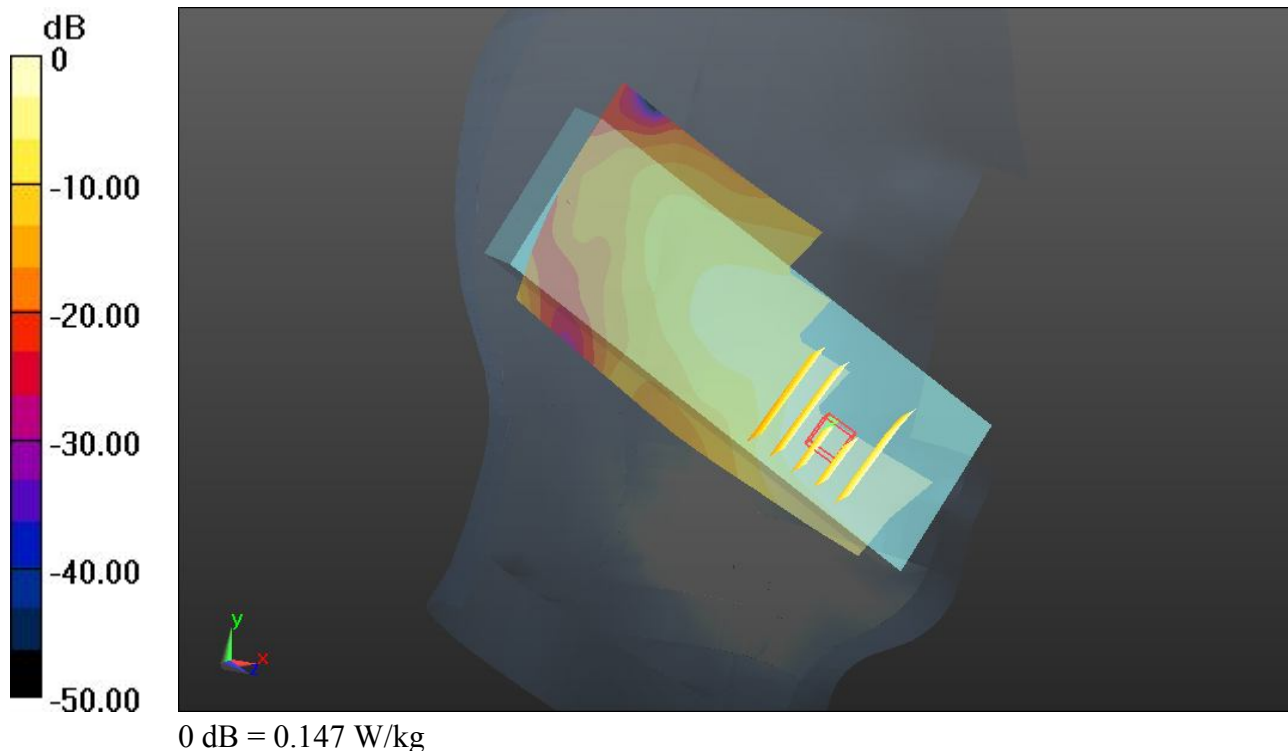Maximum value of SAR (interpolated) = 0.152 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.421 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.176 mW/g
SAR(1 g) = 0.106 mW/g; SAR(10 g) = n.a.
Maximum value of SAR (measured) = 0.147 W/kg

0 dB = 0.147 W/kg

24 GSM1900_GSM Voice_Left Tilted_Ch661_#1

DUT: 312203

Communication System: Generic GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_130303 Medium parameters used: f = 1880 MHz; σ = 1.388 mho/m; ε_r = 39.717; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch661/Area Scan (51x141x1): Interpolated grid: dx=15mm, dy=15mm
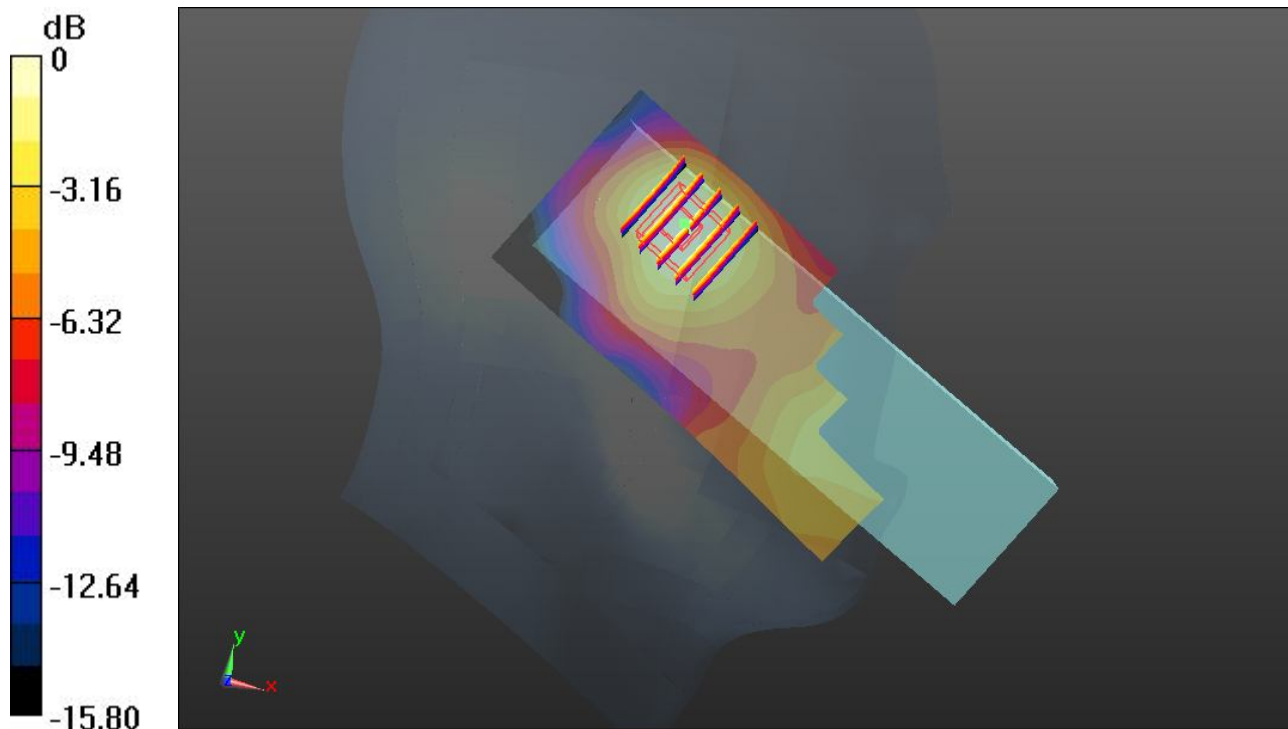Maximum value of SAR (interpolated) = 0.0599 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.634 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.070 mW/g
SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.028 mW/g
Maximum value of SAR (measured) = 0.0586 W/kg

0 dB = 0.0586 W/kg

76 GSM1900_GSM Voice_Right Cheek_Ch661_#2

DUT: 312203

Communication System: Generic GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_130315 Medium parameters used: f = 1880 MHz; σ = 1.402 mho/m; ε_r =

41.184; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch661/Area Scan (51x141x1): Interpolated grid: dx=15mm, dy=15mm
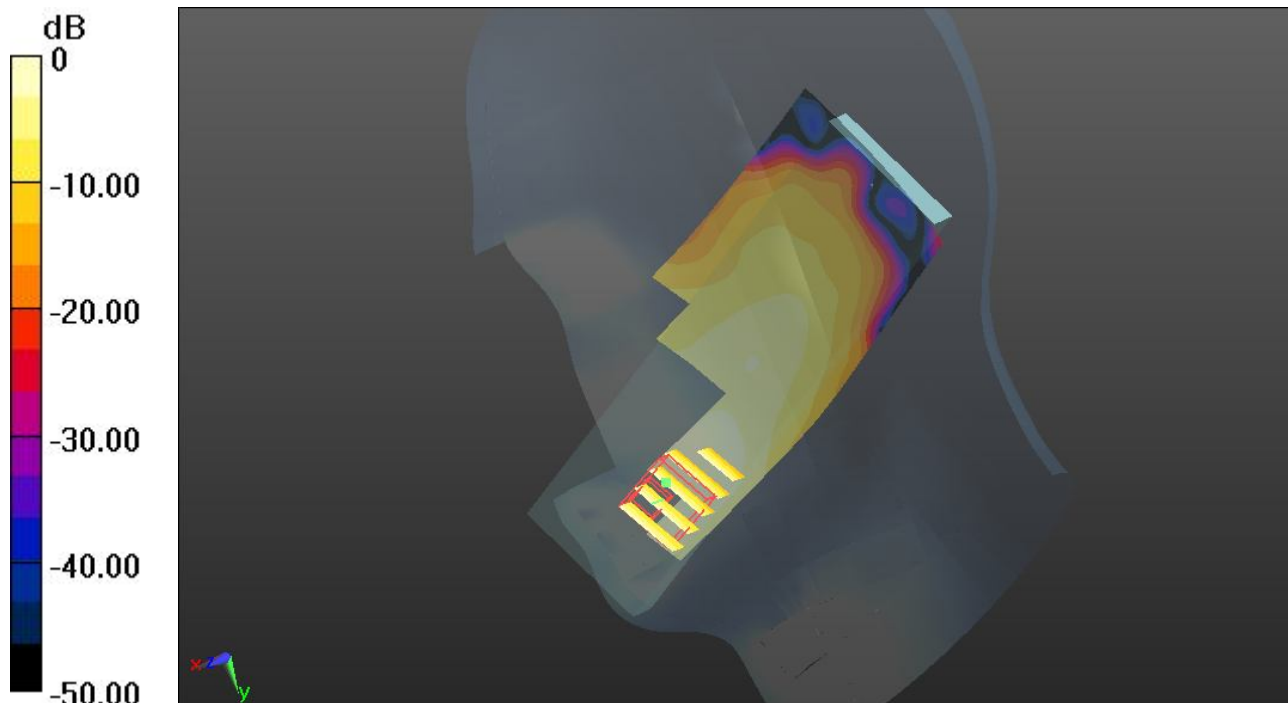Maximum value of SAR (interpolated) = 0.207 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.134 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.260 mW/g
SAR(1 g) = 0.170 mW/g; SAR(10 g) = 0.103 mW/g
Maximum value of SAR (measured) = 0.221 W/kg

0 dB = 0.221 W/kg

27 GSM1900_GSM Voice_Right Cheek-SAR in mouth area_3.5cm_Ch661_#1

DUT: 312203

Communication System: Generic GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_130303 Medium parameters used: f = 1880 MHz; σ = 1.388 mho/m; ε_r = 39.717; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch661/Area Scan (81x51x1): Interpolated grid: dx=15mm, dy=15mm
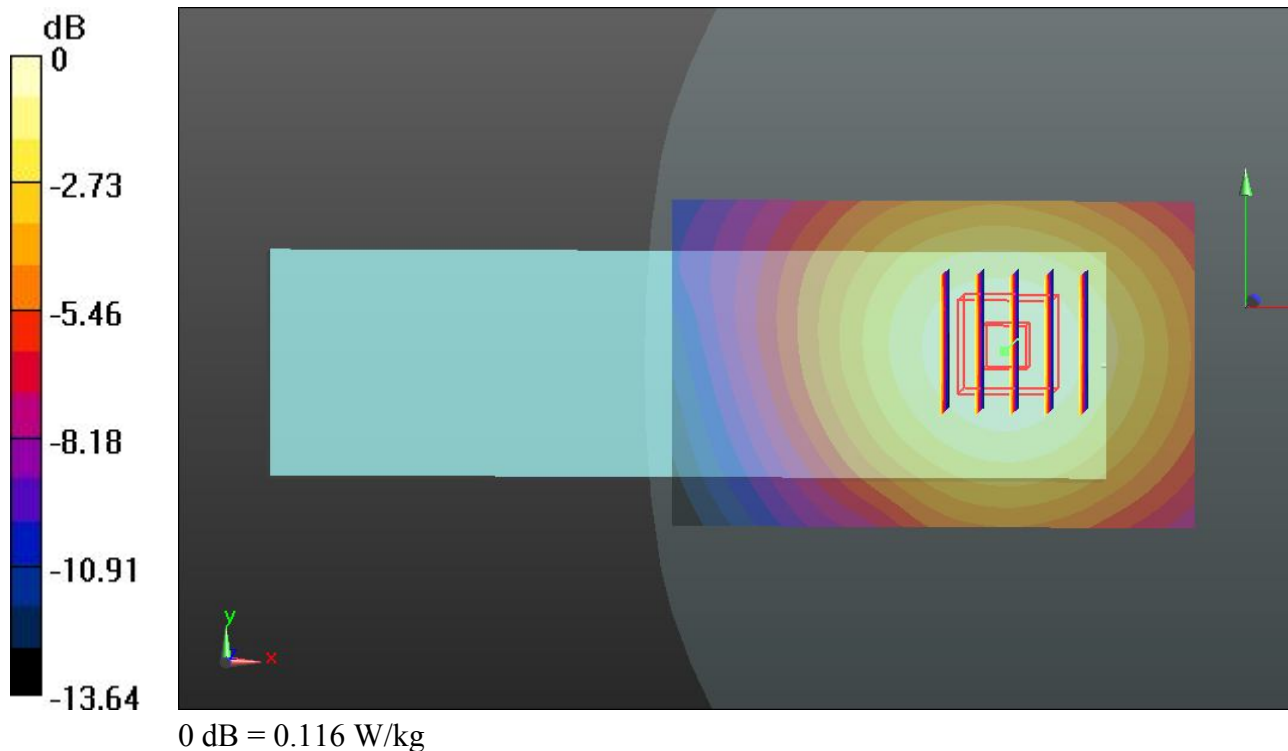Maximum value of SAR (interpolated) = 0.118 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.383 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.141 mW/g
SAR(1 g) = 0.090 mW/g; SAR(10 g) = 0.057 mW/g
Maximum value of SAR (measured) = 0.116 W/kg

0 dB = 0.116 W/kg

28 GSM1900_GSM Voice_Right Tilted-SAR in mouth area_6.6cm_Ch661_#1

DUT: 312203

Communication System: Generic GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_130303 Medium parameters used: f = 1880 MHz; σ = 1.388 mho/m; ε_r =

39.717; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch661/Area Scan (81x51x1): Interpolated grid: dx=15mm, dy=15mm
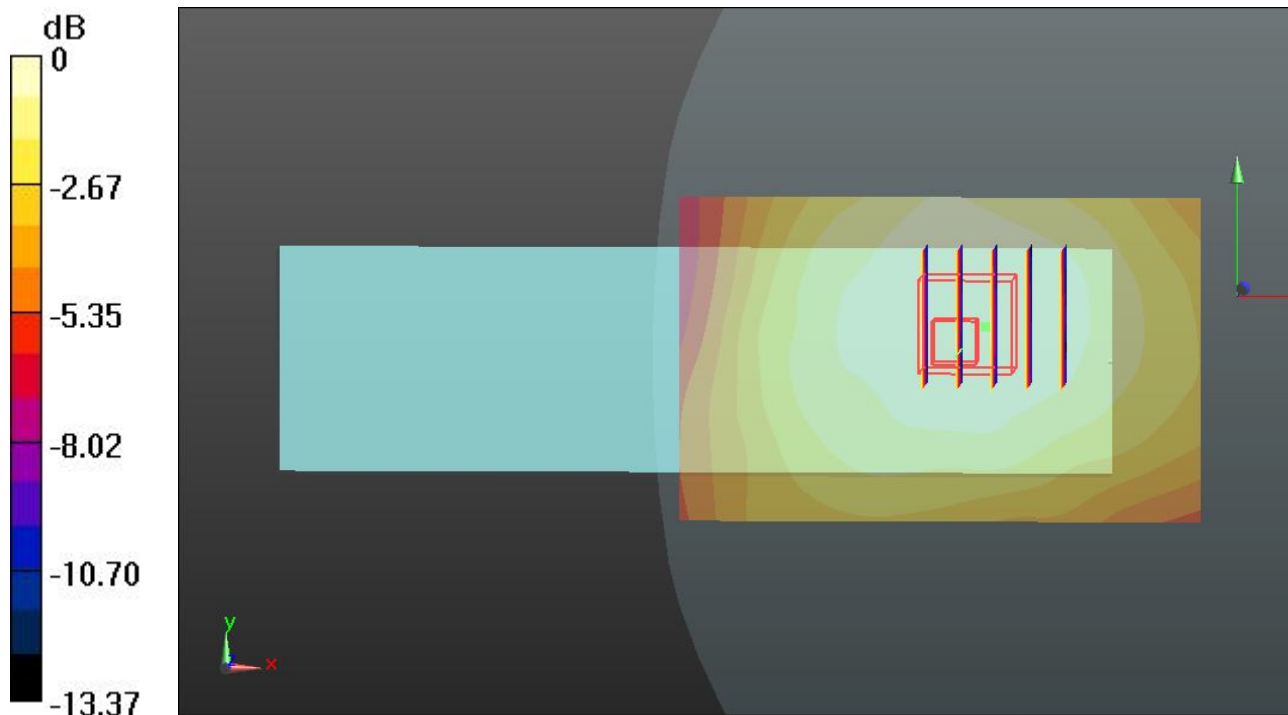Maximum value of SAR (interpolated) = 0.0307 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.870 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.037 mW/g
SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.016 mW/g
Maximum value of SAR (measured) = 0.0306 W/kg

0 dB = 0.0306 W/kg

29 GSM1900_GSM Voice_Left Cheek-SAR in mouth area_3.3cm_Ch661_#1

DUT: 312203

Communication System: Generic GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_130303 Medium parameters used: f = 1880 MHz; σ = 1.388 mho/m; ε_r =

39.717; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch661/Area Scan (81x51x1): Interpolated grid: dx=15mm, dy=15mm
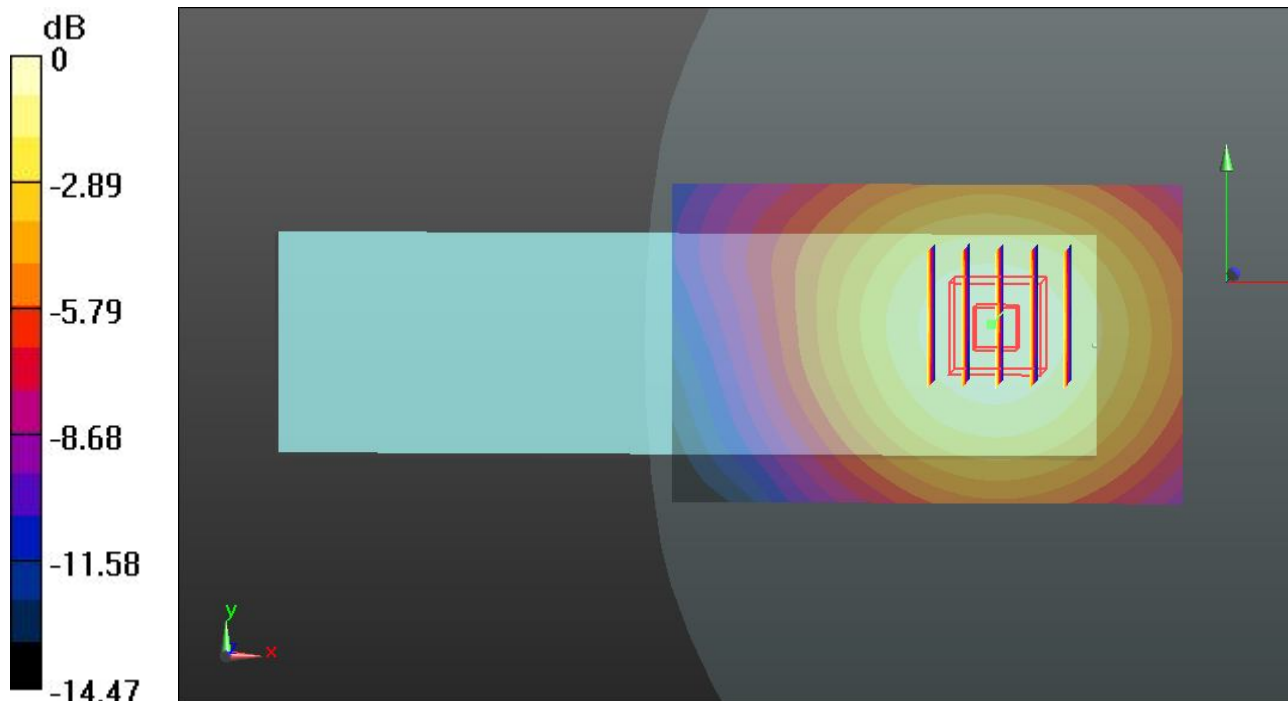Maximum value of SAR (interpolated) = 0.136 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.077 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.165 mW/g
SAR(1 g) = 0.104 mW/g; SAR(10 g) = 0.066 mW/g
Maximum value of SAR (measured) = 0.136 W/kg

0 dB = 0.136 W/kg

30 GSM1900_GSM Voice_Left Tilted-SAR in mouth area_6.5cm_Ch661_#1

DUT: 312203

Communication System: Generic GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_130303 Medium parameters used: f = 1880 MHz; σ = 1.388 mho/m; ε_r = 39.717; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch661/Area Scan (81x51x1): Interpolated grid: dx=15mm, dy=15mm
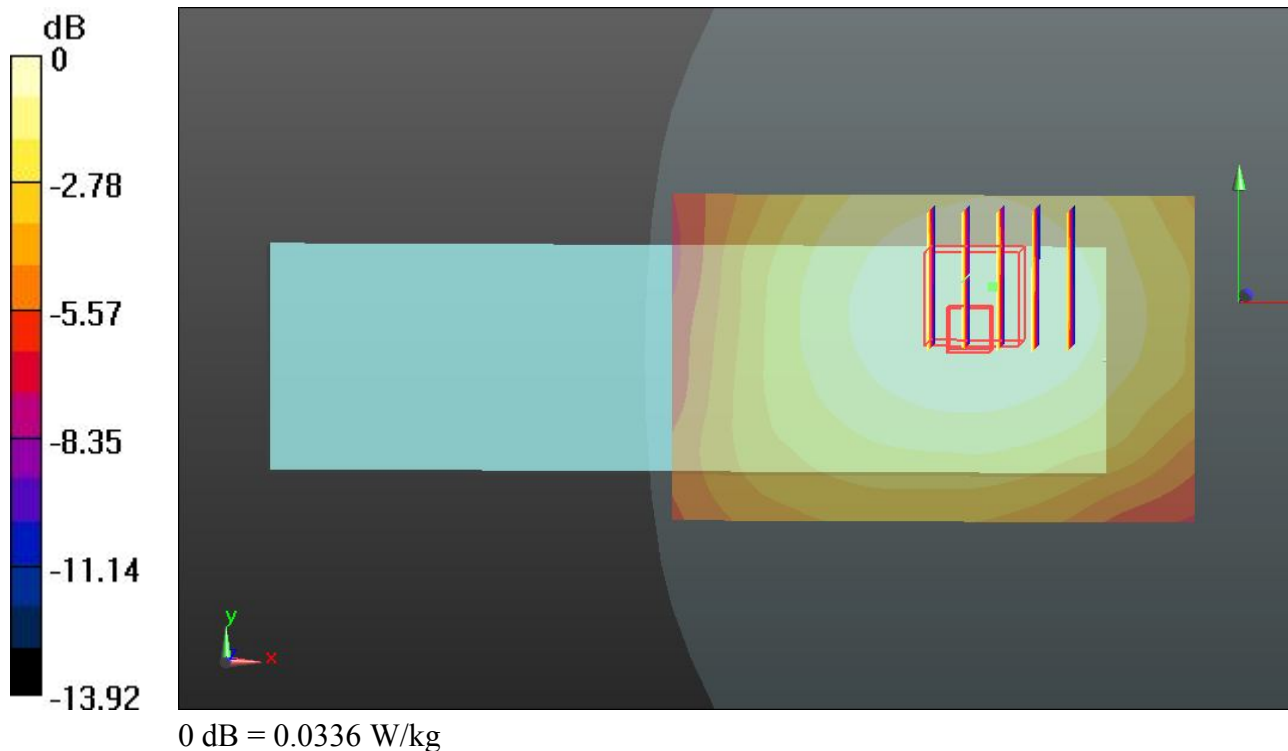Maximum value of SAR (interpolated) = 0.0346 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.105 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.041 mW/g
SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.017 mW/g
Maximum value of SAR (measured) = 0.0336 W/kg

0 dB = 0.0336 W/kg

78 GSM1900_GSM Voice_Left Cheek-SAR in mouth area_3.3cm_Ch661_#2

DUT: 312203

Communication System: Generic GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_130315 Medium parameters used: f = 1880 MHz; σ = 1.402 mho/m; ε_r = 41.184; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch661/Area Scan (81x51x1): Interpolated grid: dx=15mm, dy=15mm
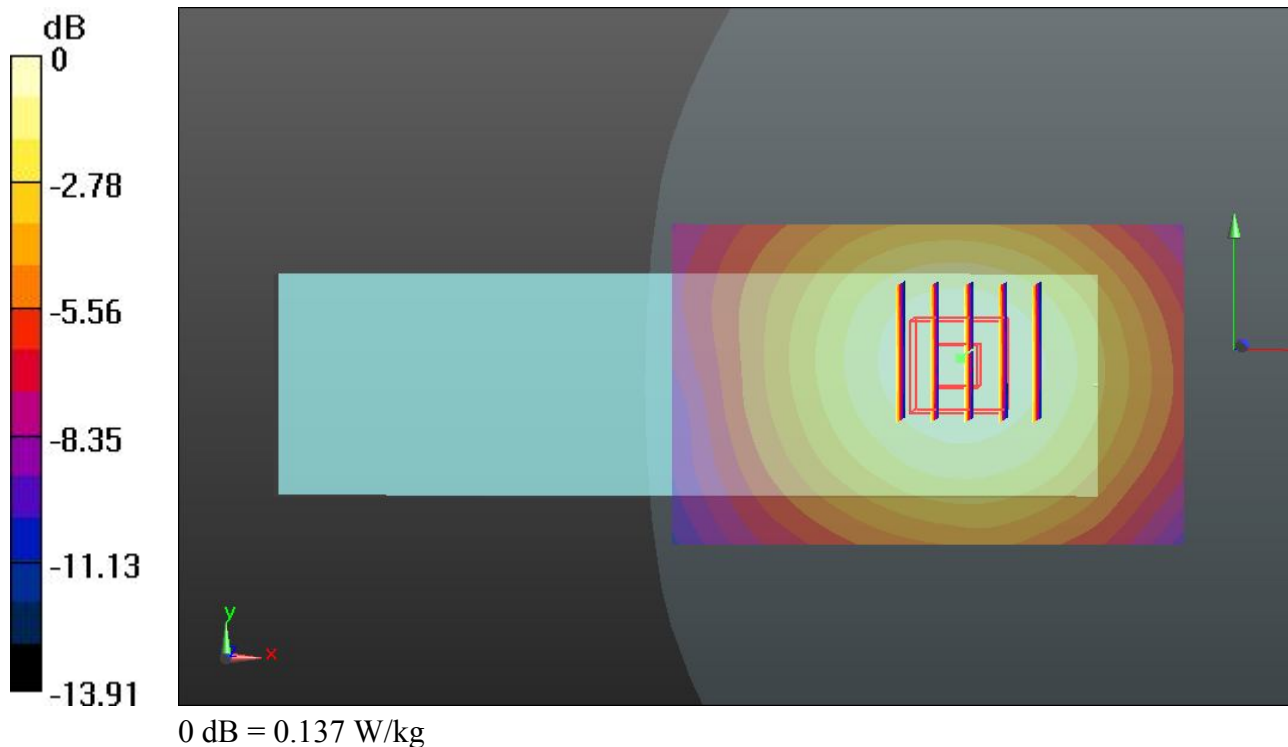Maximum value of SAR (interpolated) = 0.141 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.109 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.167 mW/g
SAR(1 g) = 0.106 mW/g; SAR(10 g) = 0.068 mW/g
Maximum value of SAR (measured) = 0.137 W/kg

0 dB = 0.137 W/kg

41 WCDMA Band V_RMC 12.2K_Right Cheek_Ch4182_#1

DUT: 312203

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_130304 Medium parameters used: f = 836.4 MHz; σ = 0.902 mho/m; ε_r = 40.572; ρ

= 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4182/Area Scan (51x141x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.456 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.001 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.589 mW/g
SAR(1 g) = 0.363 mW/g; SAR(10 g) = 0.211 mW/g
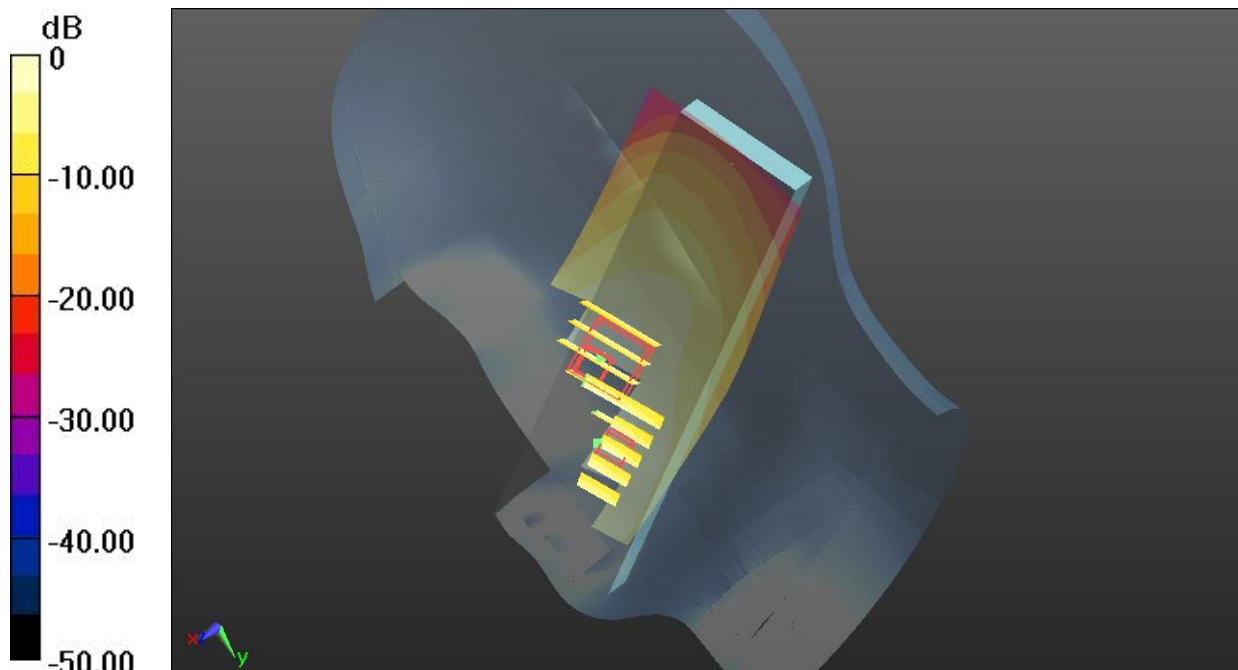Maximum value of SAR (measured) = 0.483 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.001 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.836 mW/g
SAR(1 g) = 0.278 mW/g; SAR(10 g) = n.a.
Maximum value of SAR (measured) = 0.462 W/kg

0 dB = 0.462 W/kg

42 WCDMA Band V_RMC 12.2K_Right Tilted_Ch4182_#1

DUT: 312203

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_130304 Medium parameters used: f = 836.4 MHz; σ = 0.902 mho/m; ε_r = 40.572;

ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4182/Area Scan (51x141x1): Interpolated grid: dx=15mm, dy=15mm
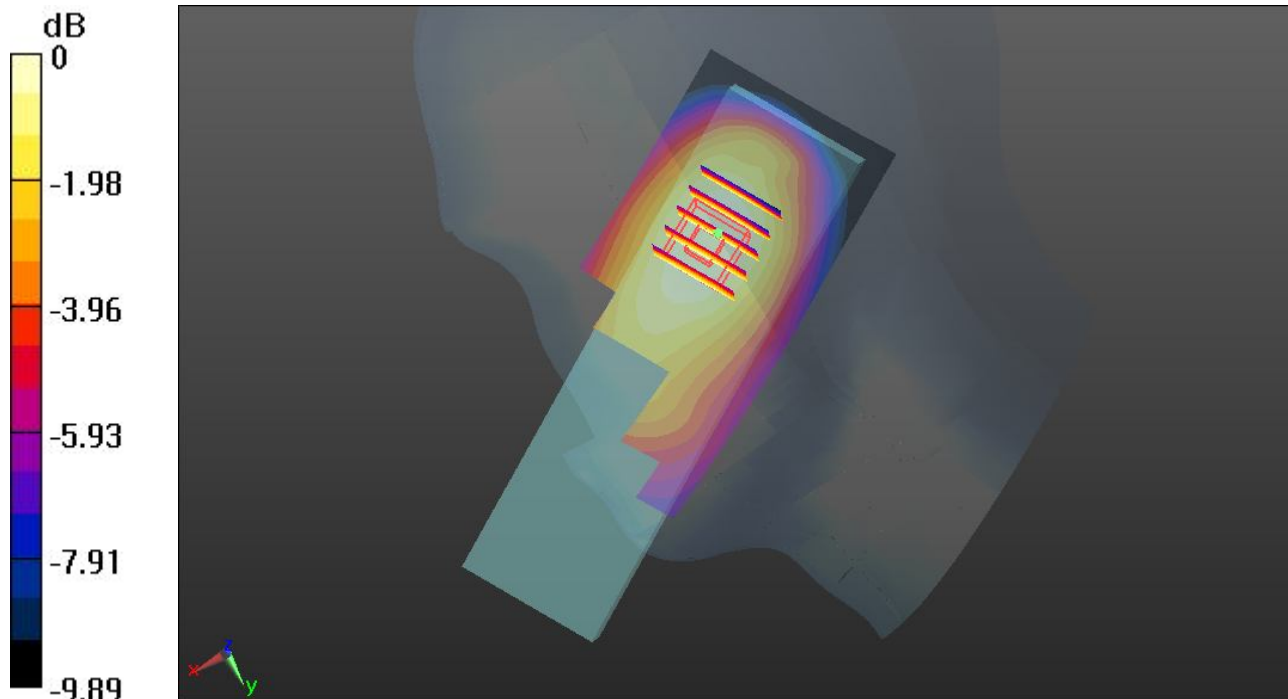Maximum value of SAR (interpolated) = 0.145 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.927 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.161 mW/g
SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.096 mW/g
Maximum value of SAR (measured) = 0.144 W/kg

0 dB = 0.144 W/kg

43 WCDMA Band V_RMC 12.2K_Left Cheek_Ch4182_#1

DUT: 312203

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_130304 Medium parameters used: f = 836.4 MHz; σ = 0.902 mho/m; ε_r = 40.572;

ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4182/Area Scan (51x141x1): Interpolated grid: dx=15mm, dy=15mm
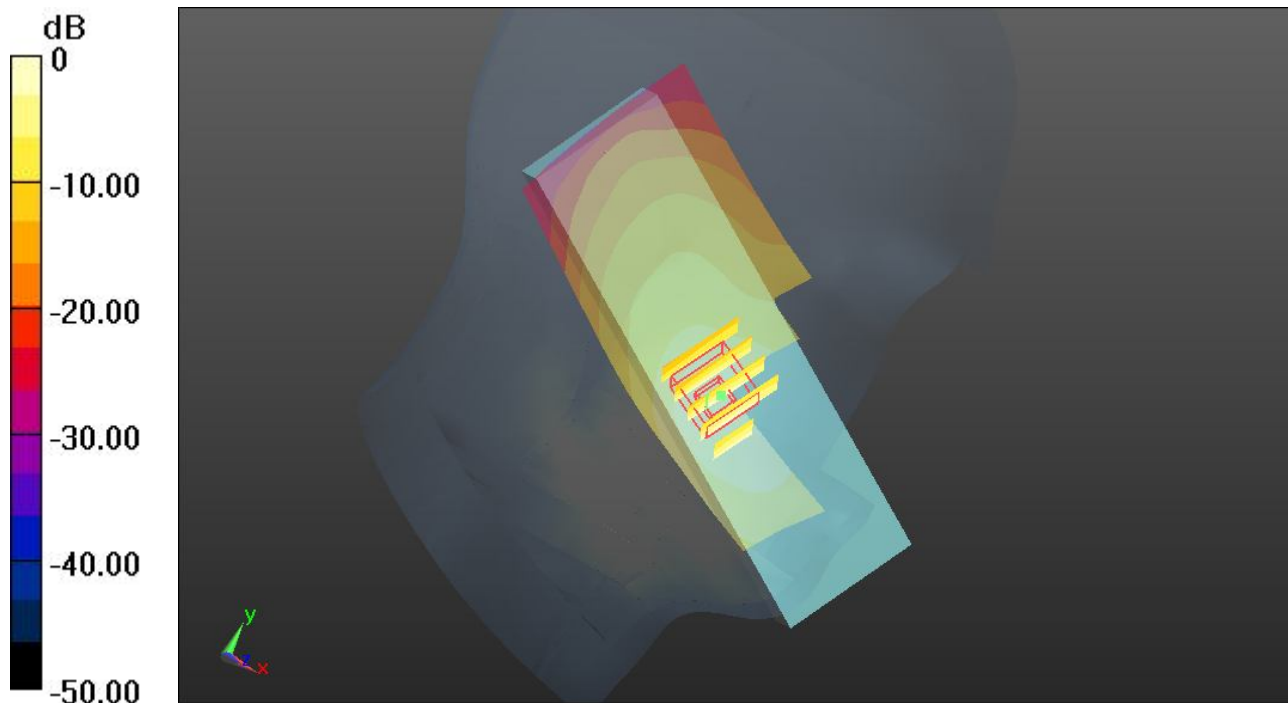Maximum value of SAR (interpolated) = 0.773 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.001 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.921 mW/g
SAR(1 g) = 0.464 mW/g; SAR(10 g) = 0.257 mW/g
Maximum value of SAR (measured) = 0.618 W/kg

0 dB = 0.618 W/kg

44 WCDMA Band V_RMC 12.2K_Left Tilted_Ch4182_#1

DUT: 312203

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_130304 Medium parameters used: f = 836.4 MHz; σ = 0.902 mho/m; ε_r = 40.572;

ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4182/Area Scan (51x141x1): Interpolated grid: dx=15mm, dy=15mm
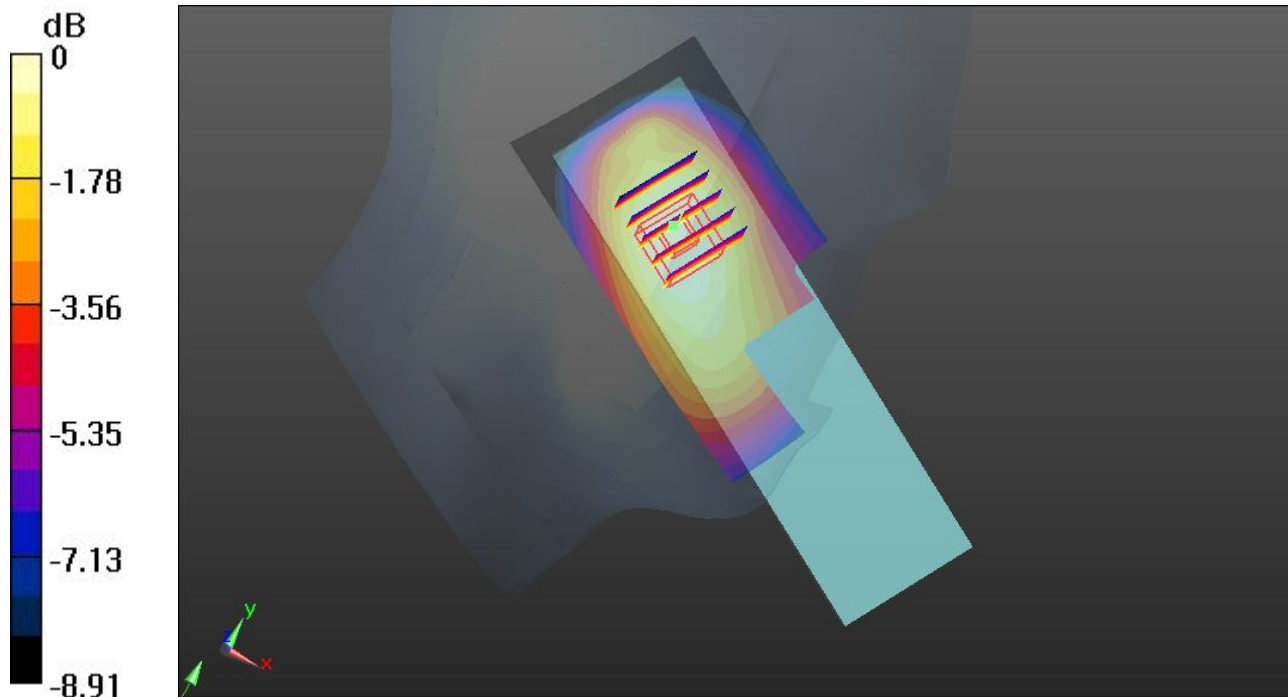Maximum value of SAR (interpolated) = 0.133 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.575 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.149 mW/g
SAR(1 g) = 0.117 mW/g; SAR(10 g) = 0.088 mW/g
Maximum value of SAR (measured) = 0.135 W/kg

0 dB = 0.135 W/kg

74 WCDMA Band V_RMC 12.2K_Left Cheek_Ch4182_#2

DUT: 312203

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_130315 Medium parameters used: f = 836.5 MHz; σ = 0.898 mho/m; ε_r = 40.771;

ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4182/Area Scan (51x141x1): Interpolated grid: dx=15mm, dy=15mm
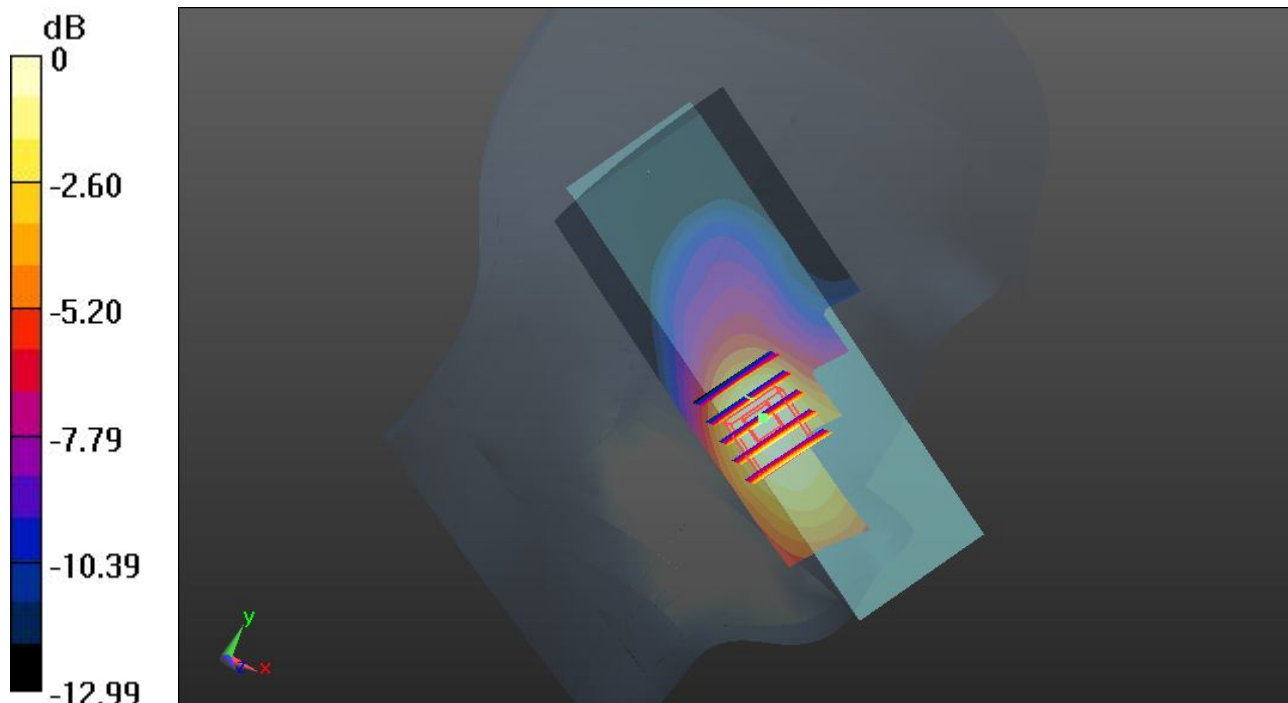Maximum value of SAR (interpolated) = 0.772 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.878 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.012 mW/g
SAR(1 g) = 0.551 mW/g; SAR(10 g) = 0.355 mW/g
Maximum value of SAR (measured) = 0.736 W/kg

0 dB = 0.736 W/kg

47 WCDMA Band V_RMC 12.2K_Right Cheek-SAR in mouth area_3.5cm_Ch4182_#1

DUT: 312203

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_130304 Medium parameters used: f = 836.4 MHz; σ = 0.902 mho/m; ε_r = 40.572; ρ

= 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4182/Area Scan (81x51x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.243 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.609 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.274 mW/g
SAR(1 g) = 0.209 mW/g; SAR(10 g) = 0.156 mW/g
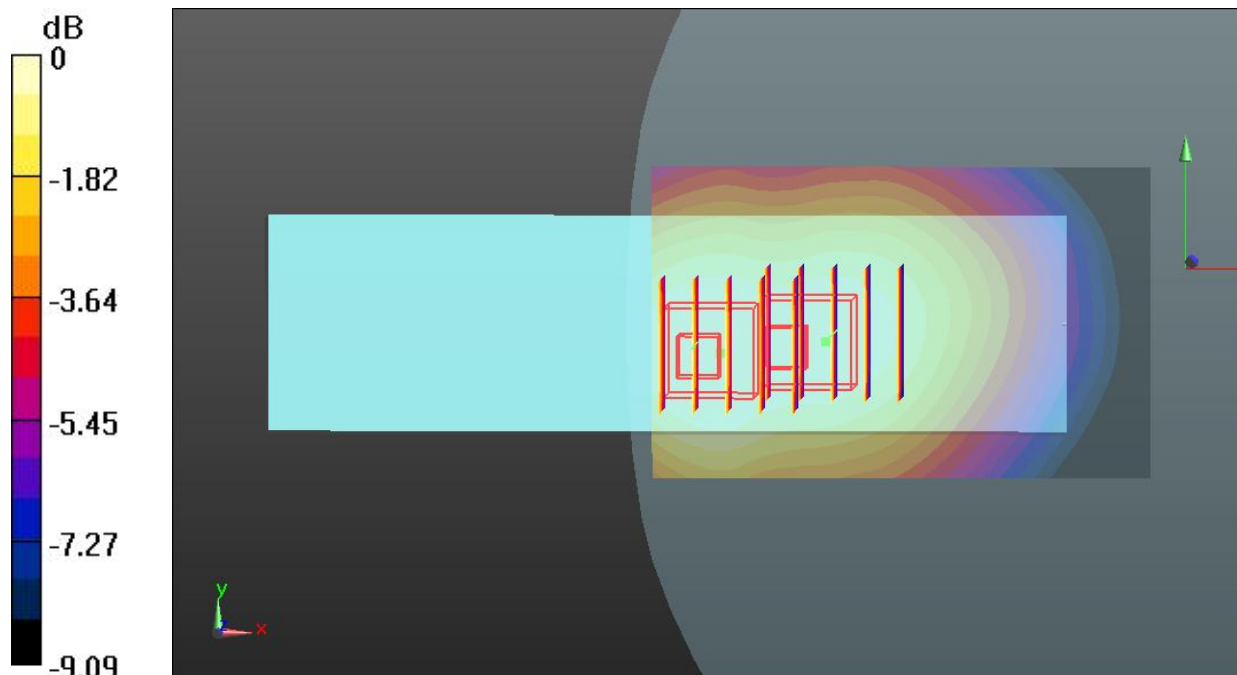Maximum value of SAR (measured) = 0.244 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.609 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.249 mW/g
SAR(1 g) = 0.188 mW/g; SAR(10 g) = 0.138 mW/g
Maximum value of SAR (measured) = 0.220 W/kg

0 dB = 0.220 W/kg

48 WCDMA Band V_RMC 12.2K_Right Tilted-SAR in mouth area_6.6cm_Ch4182_#1

DUT: 312203

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_130304 Medium parameters used: f = 836.4 MHz; σ = 0.902 mho/m; ε_r = 40.572; ρ

= 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4182/Area Scan (81x51x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0786 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.338 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.087 mW/g
SAR(1 g) = 0.067 mW/g; SAR(10 g) = 0.051 mW/g
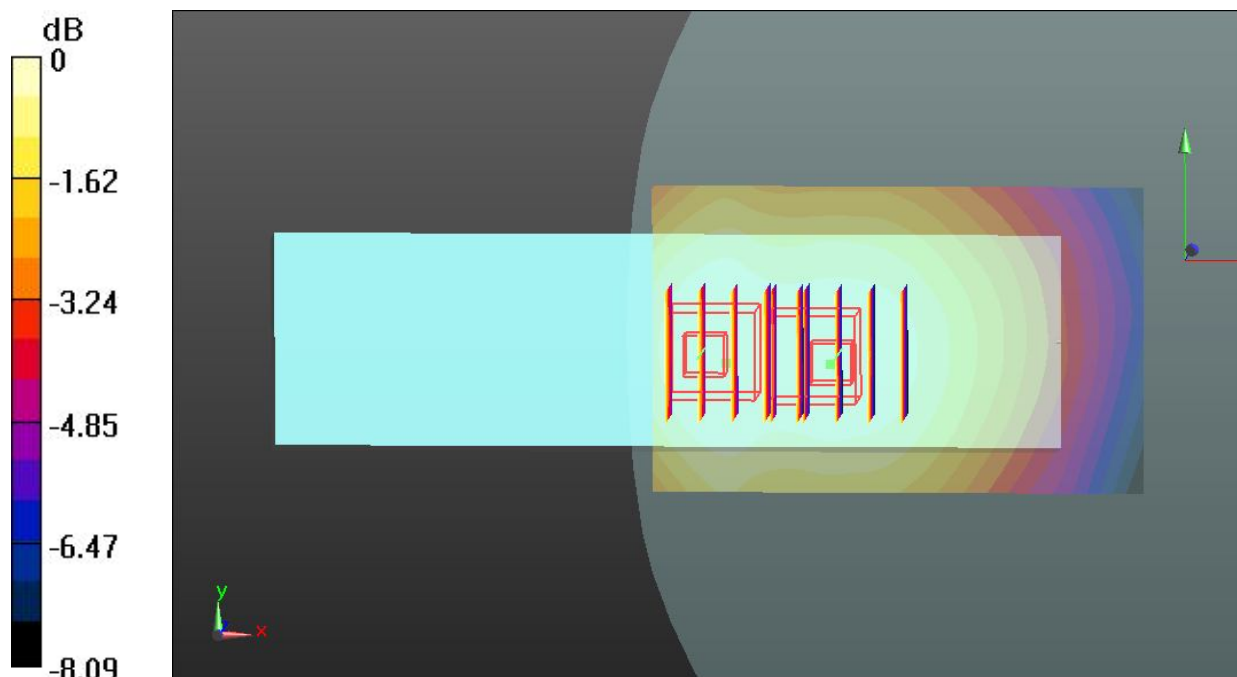Maximum value of SAR (measured) = 0.0782 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.338 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.084 mW/g
SAR(1 g) = 0.062 mW/g; SAR(10 g) = 0.047 mW/g
Maximum value of SAR (measured) = 0.0739 W/kg

0 dB = 0.0739 W/kg

49 WCDMA Band V_RMC 12.2K_Left Cheek-SAR in mouth area_3.3cm_Ch4182_#1

DUT: 312203

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_130304 Medium parameters used: f = 836.4 MHz; σ = 0.902 mho/m; ε_r = 40.572; ρ

= 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4182/Area Scan (81x51x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.278 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.652 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.309 mW/g
SAR(1 g) = 0.235 mW/g; SAR(10 g) = 0.173 mW/g
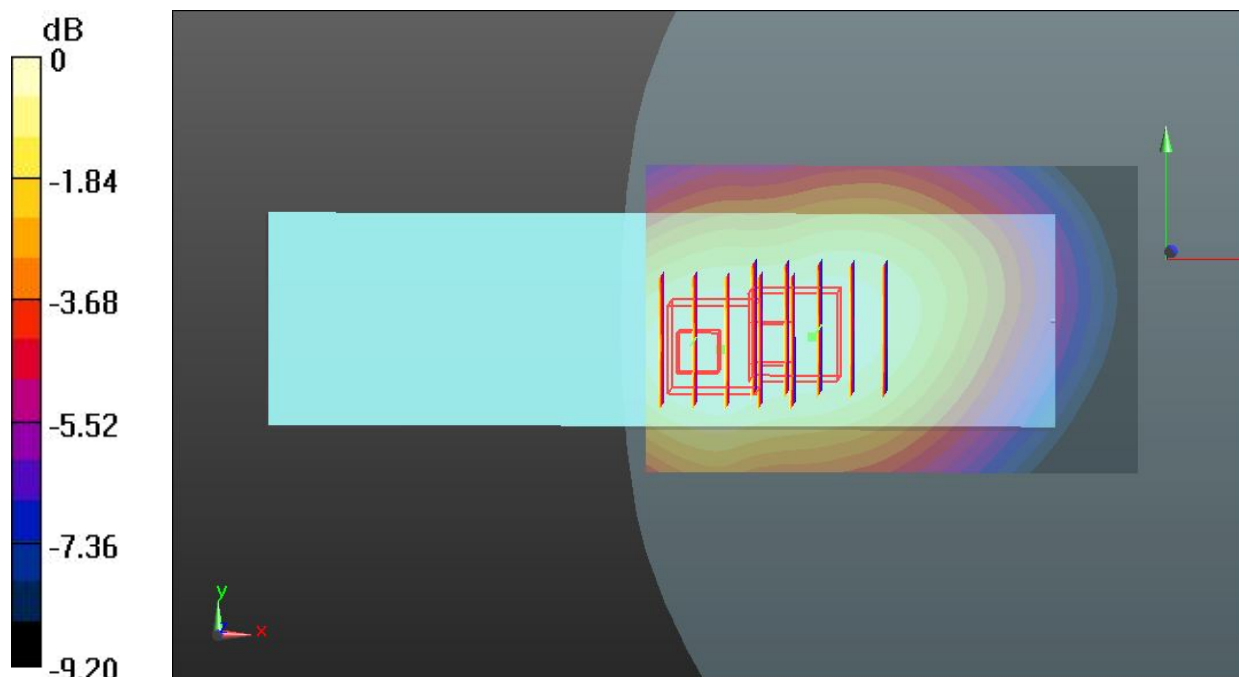Maximum value of SAR (measured) = 0.273 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.652 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.293 mW/g
SAR(1 g) = 0.220 mW/g; SAR(10 g) = 0.162 mW/g
Maximum value of SAR (measured) = 0.259 W/kg

0 dB = 0.259 W/kg

50 WCDMA Band V_RMC 12.2K_Left Tilted-SAR in mouth area_6.5cm_Ch4182_#1

DUT: 312203

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_130304 Medium parameters used: f = 836.4 MHz; σ = 0.902 mho/m; ε_r = 40.572; ρ

= 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4182/Area Scan (81x51x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0827 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.563 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.091 mW/g
SAR(1 g) = 0.071 mW/g; SAR(10 g) = 0.054 mW/g
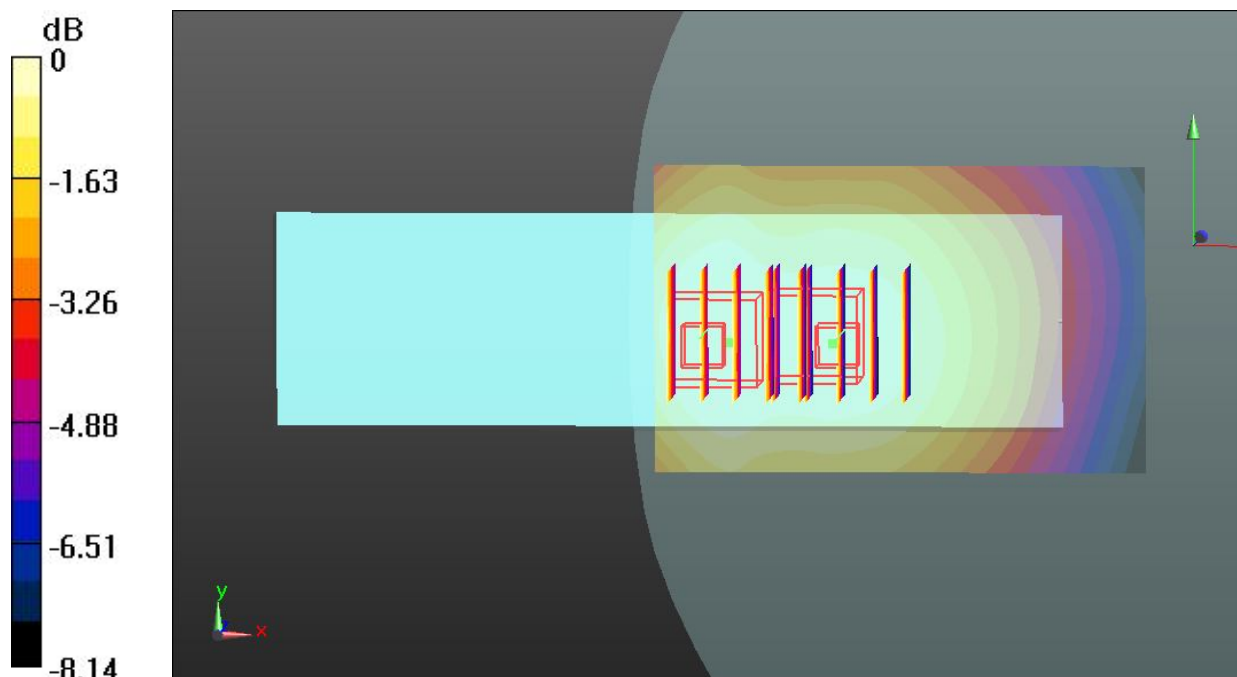Maximum value of SAR (measured) = 0.0829 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.563 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.086 mW/g
SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.049 mW/g
Maximum value of SAR (measured) = 0.0769 W/kg

0 dB = 0.0769 W/kg

75 WCDMA Band V_RMC 12.2K_Left Cheek-SAR in mouth area_3.3cm_Ch4182_#2

DUT: 312203

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: HSL_835_130315 Medium parameters used: f = 836.5 MHz; σ = 0.898 mho/m; $ε_r$ = 40.771; ρ

= 1000 kg/m^3
Ambient Temperature：23.4 ℃；Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.56, 9.56, 9.56); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4182/Area Scan (81x51x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.226 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.071 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.259 mW/g
SAR(1 g) = 0.196 mW/g; SAR(10 g) = 0.147 mW/g
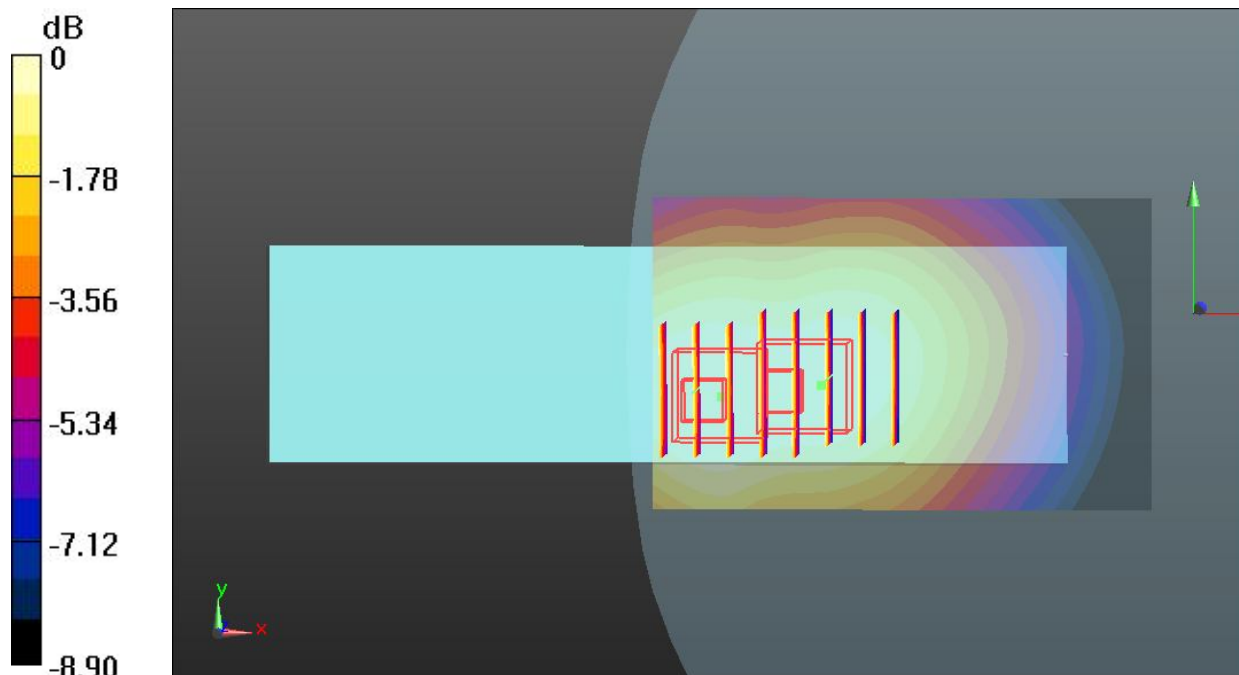Maximum value of SAR (measured) = 0.229 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.071 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.240 mW/g
SAR(1 g) = 0.179 mW/g; SAR(10 g) = 0.132 mW/g
Maximum value of SAR (measured) = 0.211 W/kg

0 dB = 0.211 W/kg

09 WCDMA Band II_RMC 12.2K_Right Cheek_Ch9262_#1

DUT: 312203

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130303 Medium parameters used: f = 1852.4 MHz; σ = 1.362 mho/m; ε_r = 39.807; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9262/Area Scan (51x141x1): Interpolated grid: dx=15mm, dy=15mm
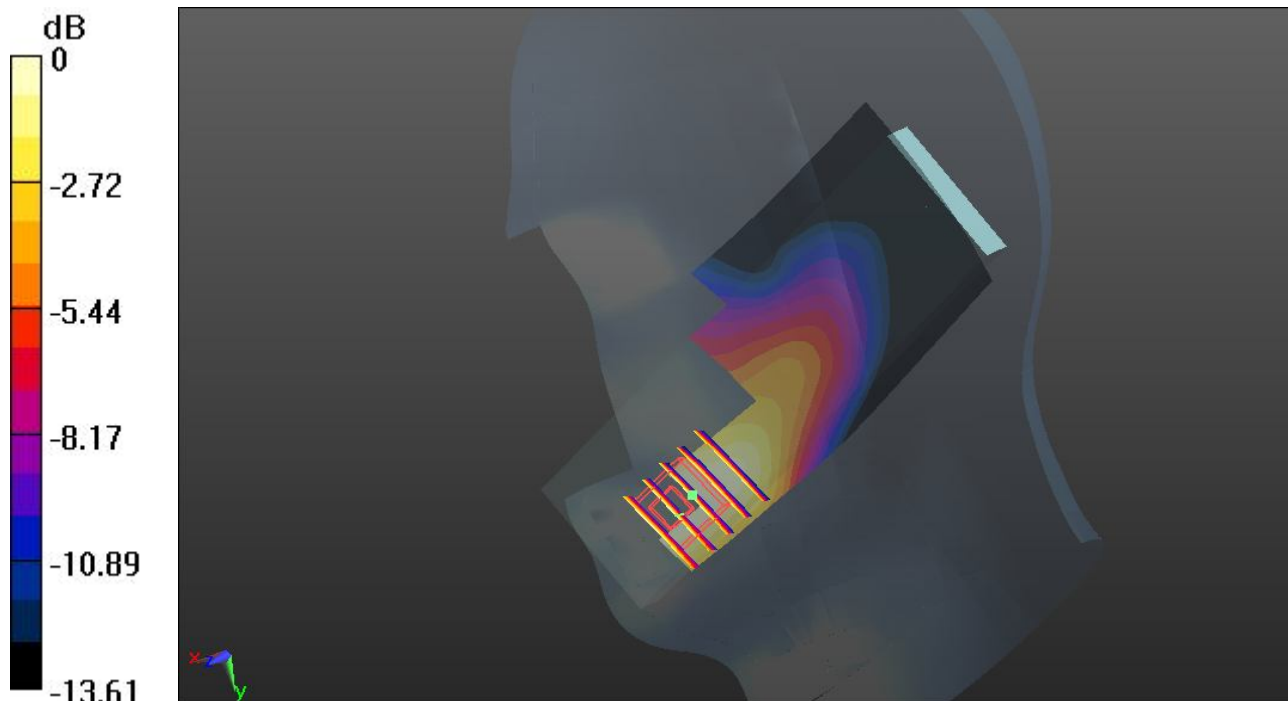Maximum value of SAR (interpolated) = 0.296 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.146 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.367 mW/g
SAR(1 g) = 0.246 mW/g; SAR(10 g) = 0.157 mW/g
Maximum value of SAR (measured) = 0.307 W/kg

0 dB = 0.307 W/kg

10 WCDMA Band II_RMC 12.2K_Right Tilted_Ch9262_#1

DUT: 312203

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130303 Medium parameters used: f = 1852.4 MHz; σ = 1.362 mho/m; ε_r = 39.807; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9262/Area Scan (51x141x1): Interpolated grid: dx=15mm, dy=15mm
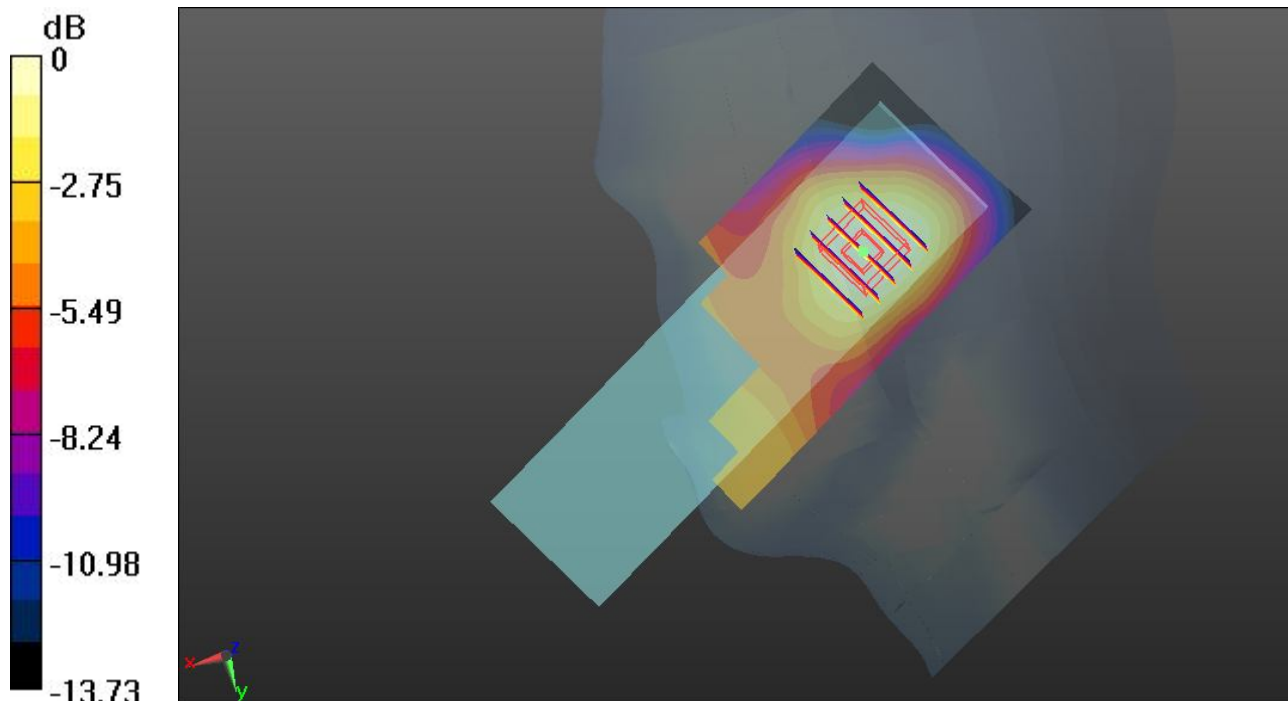Maximum value of SAR (interpolated) = 0.111 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.145 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.130 mW/g
SAR(1 g) = 0.088 mW/g; SAR(10 g) = 0.057 mW/g
Maximum value of SAR (measured) = 0.111 W/kg

0 dB = 0.111 W/kg

11 WCDMA Band II_RMC 12.2K_Left Cheek_Ch9262_#1

DUT: 312203

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130303 Medium parameters used: f = 1852.4 MHz; σ = 1.362 mho/m; ε_r = 39.807;

ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9262/Area Scan (51x141x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.243 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.801 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.301 mW/g
SAR(1 g) = 0.173 mW/g; SAR(10 g) = n.a.
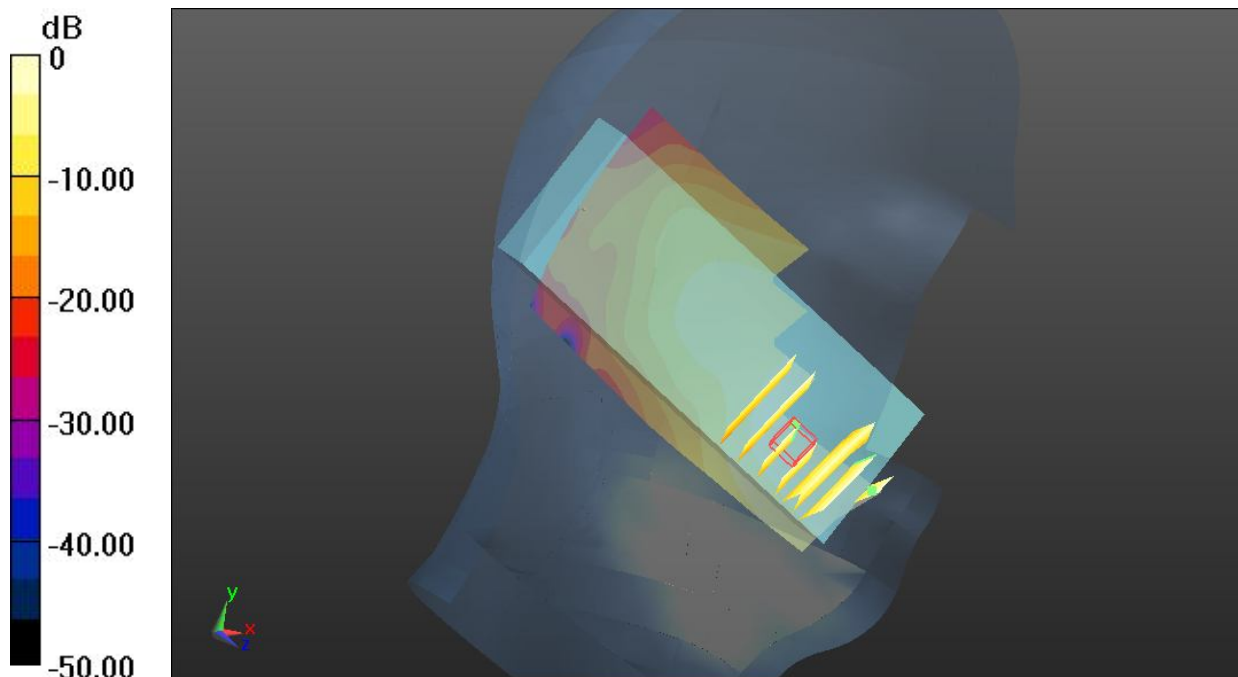Maximum value of SAR (measured) = 0.250 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.801 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.310 mW/g
SAR(1 g) = n.a. ; SAR(10 g) = n.a.
Maximum value of SAR (measured) = 0.264 W/kg

0 dB = 0.264 W/kg

12 WCDMA Band II_RMC 12.2K_Left Tilted_Ch9262_#1

DUT: 312203

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130303 Medium parameters used: f = 1852.4 MHz; σ = 1.362 mho/m; ε_r = 39.807; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9262/Area Scan (51x141x1): Interpolated grid: dx=15mm, dy=15mm
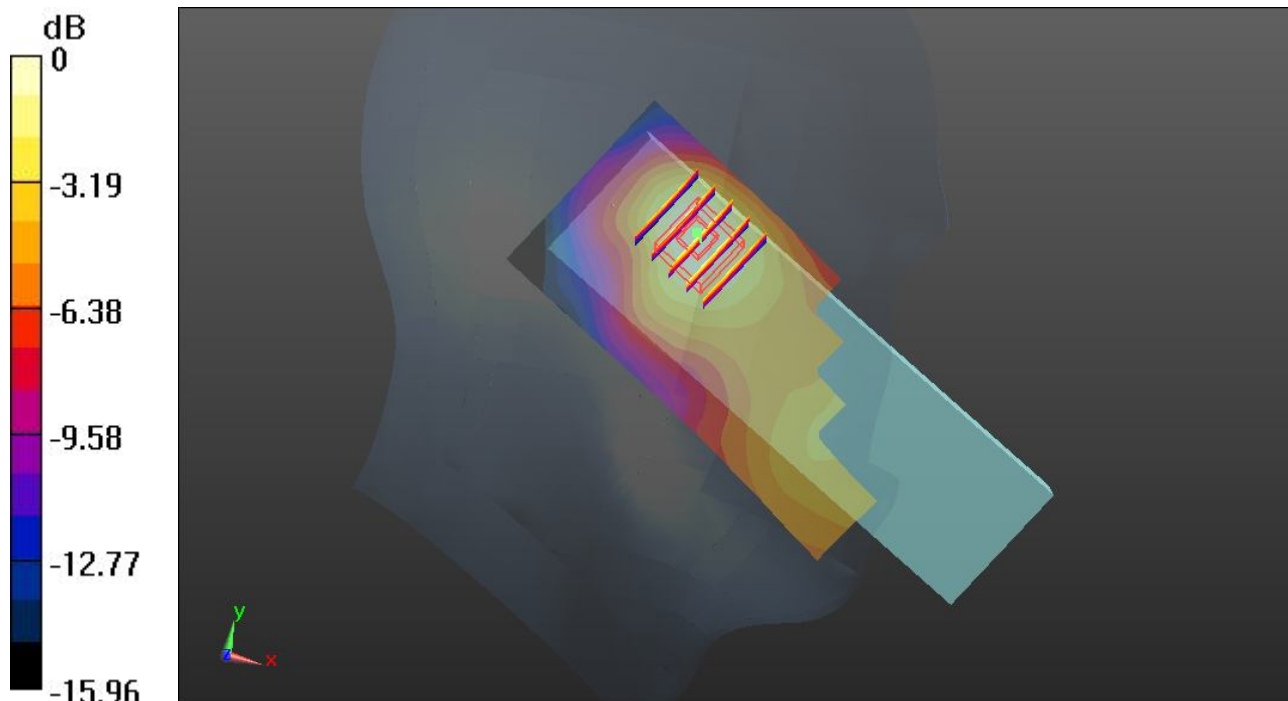Maximum value of SAR (interpolated) = 0.116 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.372 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.136 mW/g
SAR(1 g) = 0.089 mW/g; SAR(10 g) = 0.055 mW/g
Maximum value of SAR (measured) = 0.114 W/kg

0 dB = 0.114 W/kg

80 WCDMA Band II_RMC 12.2K_Right Cheek_Ch9262_#2

DUT: 312204

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130315 Medium parameters used: f = 1852.4 MHz; σ = 1.368 mho/m; ε_r =

41.253; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9262/Area Scan (51x141x1): Interpolated grid: dx=15mm, dy=15mm
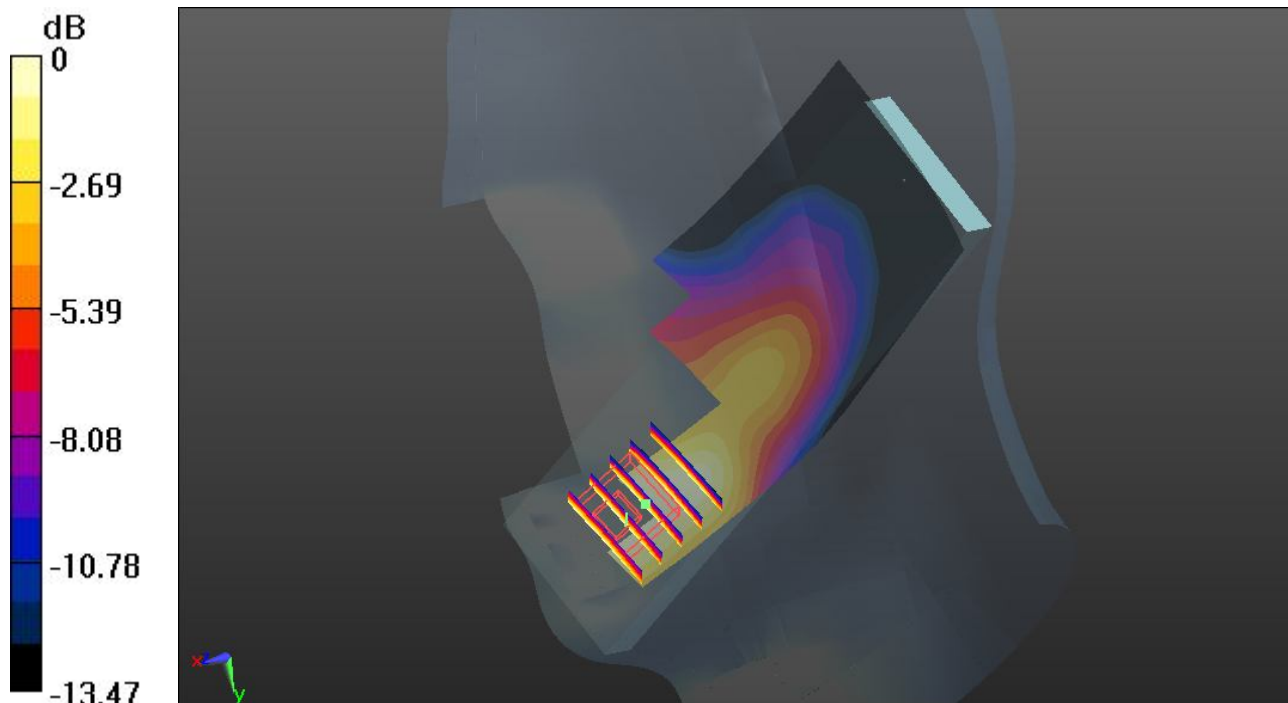Maximum value of SAR (interpolated) = 0.357 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.319 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.438 mW/g
SAR(1 g) = 0.294 mW/g; SAR(10 g) = 0.187 mW/g
Maximum value of SAR (measured) = 0.360 W/kg

0 dB = 0.360 W/kg

15 WCDMA Band II_RMC 12.2K_Right Cheek-SAR in mouth area_3.5cm_Ch9262_#1

DUT: 312203

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130303 Medium parameters used: f = 1852.4 MHz; σ = 1.362 mho/m; ε_r = 39.807; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9262/Area Scan (81x51x1): Interpolated grid: dx=15mm, dy=15mm
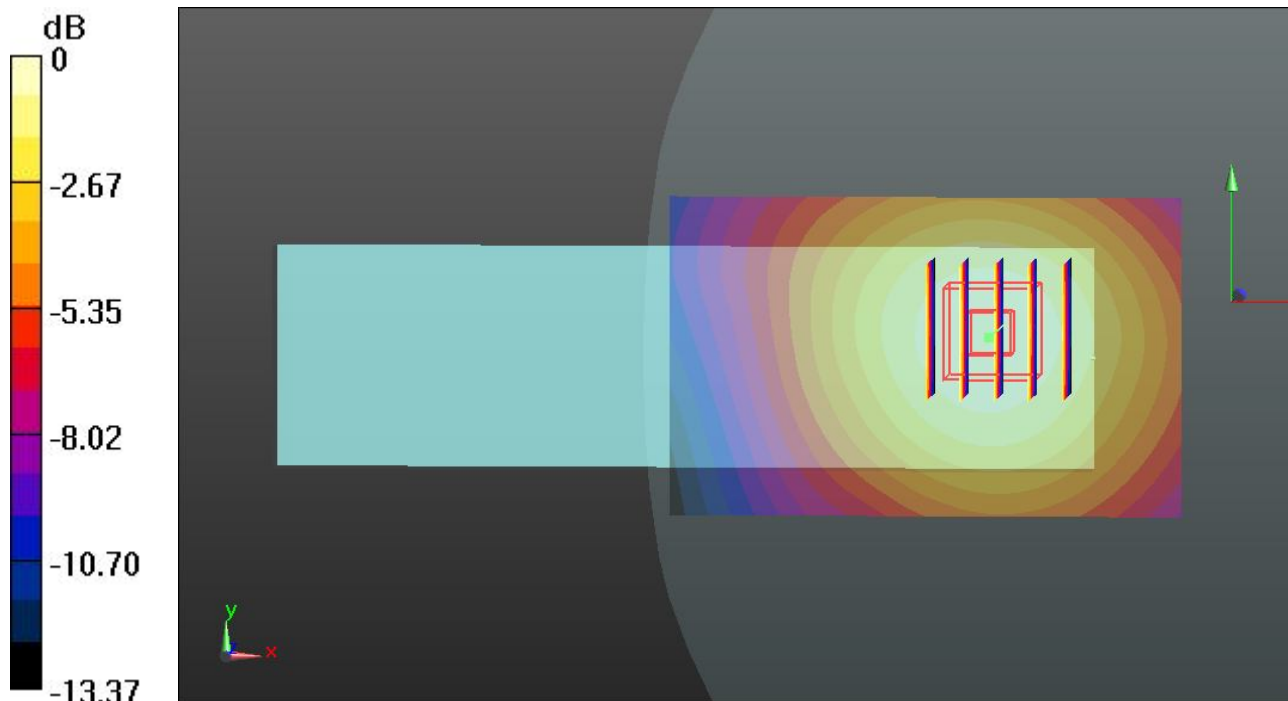Maximum value of SAR (interpolated) = 0.176 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.641 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.213 mW/g
SAR(1 g) = 0.137 mW/g; SAR(10 g) = 0.088 mW/g
Maximum value of SAR (measured) = 0.176 W/kg

0 dB = 0.176 W/kg

16 WCDMA Band II_RMC 12.2K_Right Tilted-SAR in mouth area_6.6cm_Ch9262_#1

DUT: 312203

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130303 Medium parameters used: f = 1852.4 MHz; σ = 1.362 mho/m; ε_r = 39.807; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9262/Area Scan (81x51x1): Interpolated grid: dx=15mm, dy=15mm
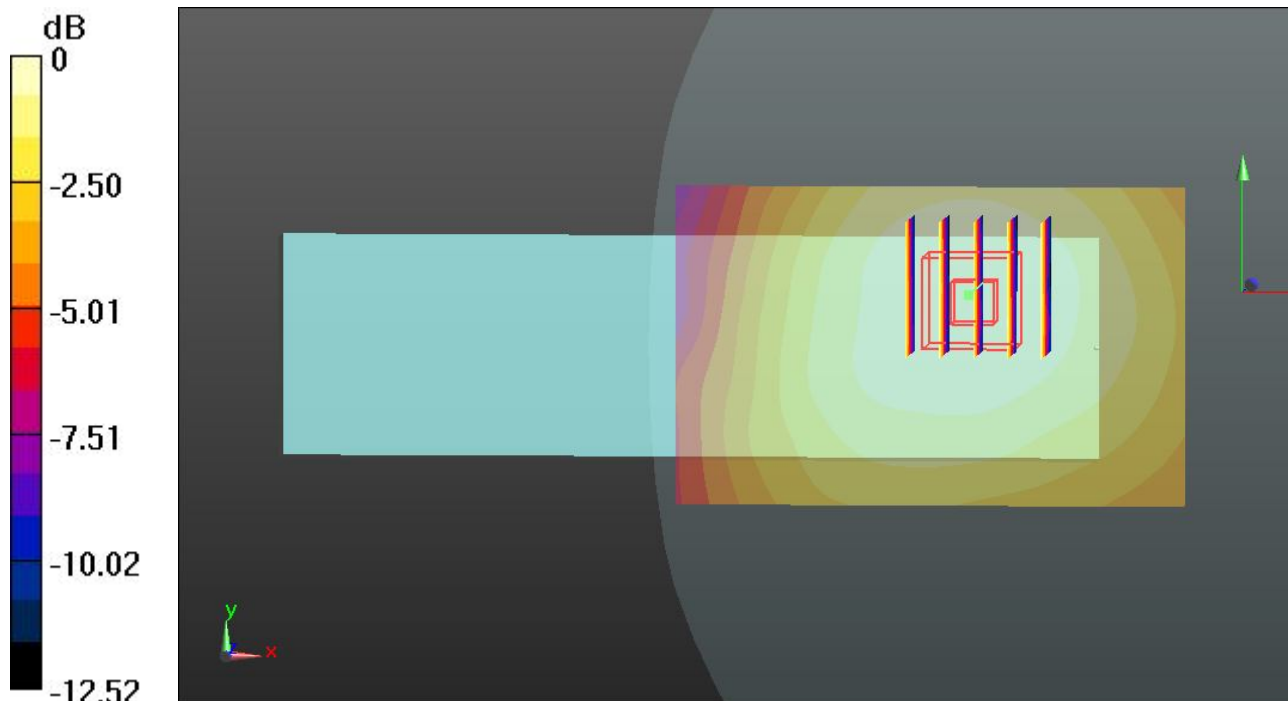Maximum value of SAR (interpolated) = 0.0539 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.466 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.065 mW/g
SAR(1 g) = 0.042 mW/g; SAR(10 g) = 0.028 mW/g
Maximum value of SAR (measured) = 0.0538 W/kg

0 dB = 0.0538 W/kg

17 WCDMA Band II_RMC 12.2K_Left Cheek-SAR in mouth area_3.3cm_Ch9262_#1

DUT: 312203

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130303 Medium parameters used: f = 1852.4 MHz; σ = 1.362 mho/m; ε_r =

39.807; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9262/Area Scan (81x51x1): Interpolated grid: dx=15mm, dy=15mm
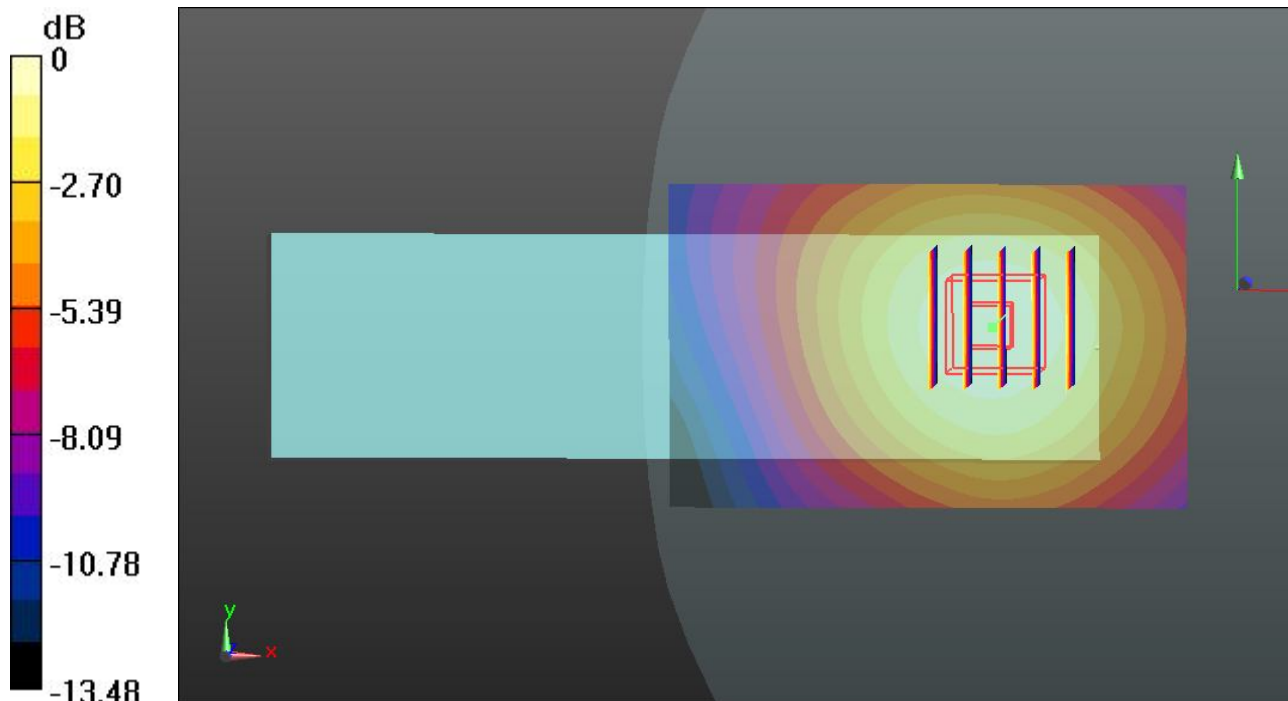Maximum value of SAR (interpolated) = 0.217 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.898 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.263 mW/g
SAR(1 g) = 0.168 mW/g; SAR(10 g) = 0.107 mW/g
Maximum value of SAR (measured) = 0.218 W/kg

0 dB = 0.218 W/kg

18 WCDMA Band II_RMC 12.2K_Left Tilted-SAR in mouth area_6.5cm_Ch9262_#1

DUT: 312203

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130303 Medium parameters used: f = 1852.4 MHz; σ = 1.362 mho/m; ε_r = 39.807; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9262/Area Scan (81x51x1): Interpolated grid: dx=15mm, dy=15mm
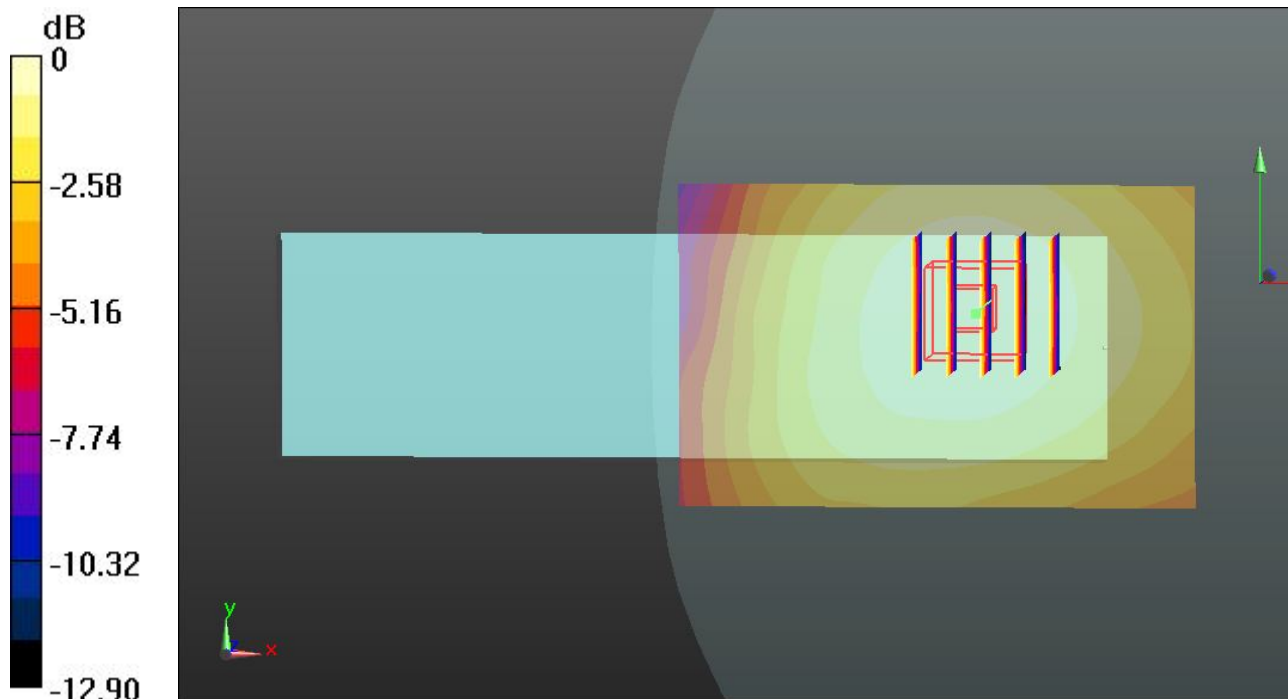Maximum value of SAR (interpolated) = 0.0610 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.860 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.074 mW/g
SAR(1 g) = 0.048 mW/g; SAR(10 g) = 0.031 mW/g
Maximum value of SAR (measured) = 0.0618 W/kg

0 dB = 0.0618 W/kg

81 WCDMA Band II_RMC 12.2K_Left Cheek-SAR in mouth area_3.3cm_Ch9262_#2

DUT: 312203

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: HSL_1900_130315 Medium parameters used: f = 1852.4 MHz; σ = 1.368 mho/m; ε_r = 41.253; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.1 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.84, 7.84, 7.84); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9262/Area Scan (81x51x1): Interpolated grid: dx=15mm, dy=15mm
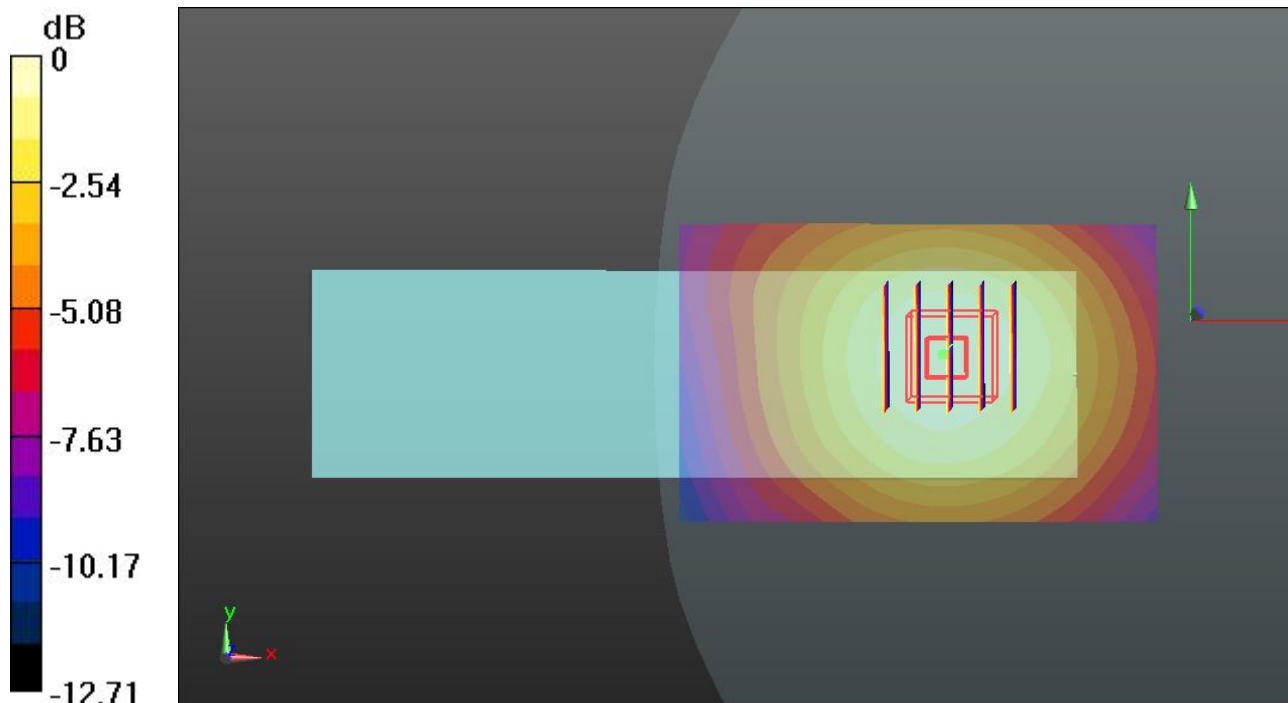Maximum value of SAR (interpolated) = 0.233 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.300 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.281 mW/g
SAR(1 g) = 0.182 mW/g; SAR(10 g) = 0.118 mW/g
Maximum value of SAR (measured) = 0.234 W/kg

0 dB = 0.234 W/kg

33 GSM850_GSM Voice_Front_1.5cm_Ch251_#1

DUT: 312203

Communication System: Generic GSM; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: MSL_835_130303 Medium parameters used: f = 849 MHz; σ = 0.982 mho/m; ε_r = 55.937;

ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.9 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (51x81x1): Interpolated grid: dx=15mm, dy=15mm
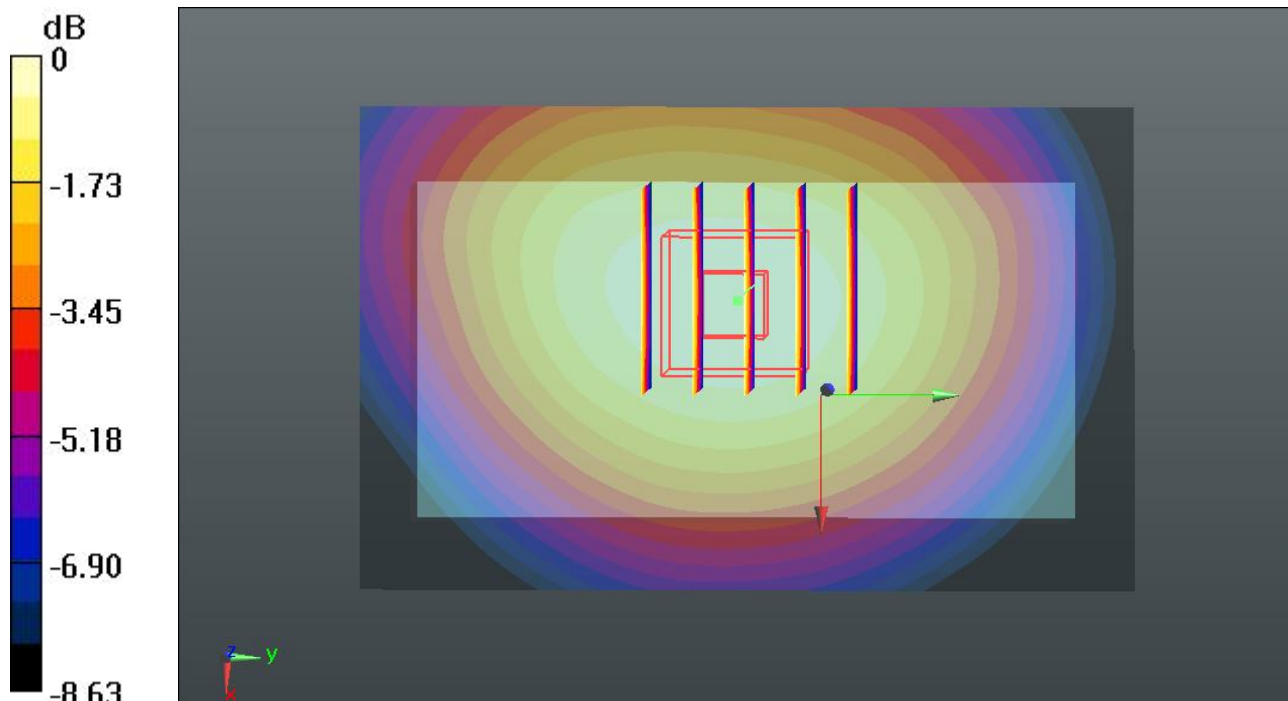Maximum value of SAR (interpolated) = 0.172 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.602 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.189 mW/g
SAR(1 g) = 0.149 mW/g; SAR(10 g) = 0.111 mW/g
Maximum value of SAR (measured) = 0.171 W/kg

0 dB = 0.171 W/kg

34 GSM850_GSM Voice_Back_1.5cm_Ch251_#1

DUT: 312203

Communication System: Generic GSM; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: MSL_835_130303 Medium parameters used: f = 849 MHz; σ = 0.982 mho/m; ε_r = 55.937;

ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.9 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (51x81x1): Interpolated grid: dx=15mm, dy=15mm
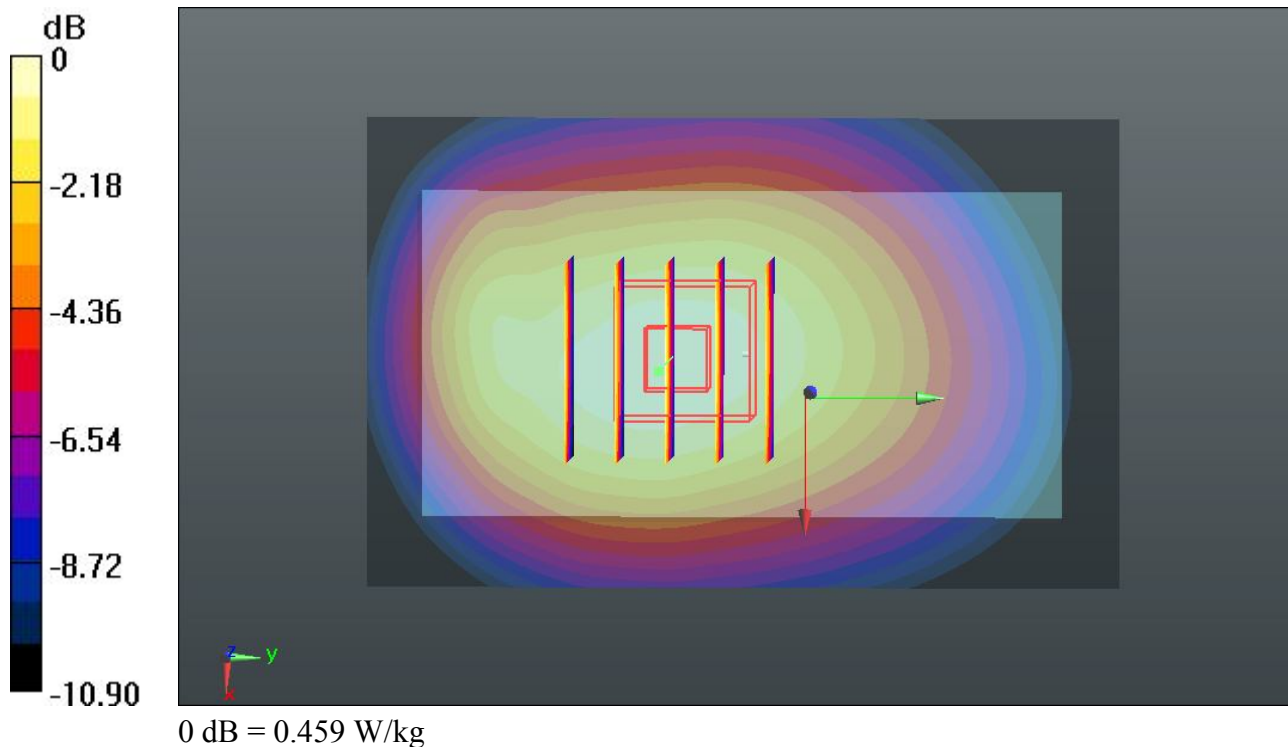Maximum value of SAR (interpolated) = 0.458 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.134 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.521 mW/g
SAR(1 g) = 0.379 mW/g; SAR(10 g) = 0.266 mW/g
Maximum value of SAR (measured) = 0.459 W/kg

0 dB = 0.459 W/kg

65 GSM850_GSM Voice_Back_1.5cm_Ch251_#2

DUT: 312203

Communication System: Generic GSM; Frequency: 848.8 MHz;Duty Cycle: 1:8.3
Medium: MSL_835_130315 Medium parameters used: f = 849 MHz; σ = 0.989 mho/m; ε_r = 54.26; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch251/Area Scan (51x81x1): Interpolated grid: dx=15mm, dy=15mm
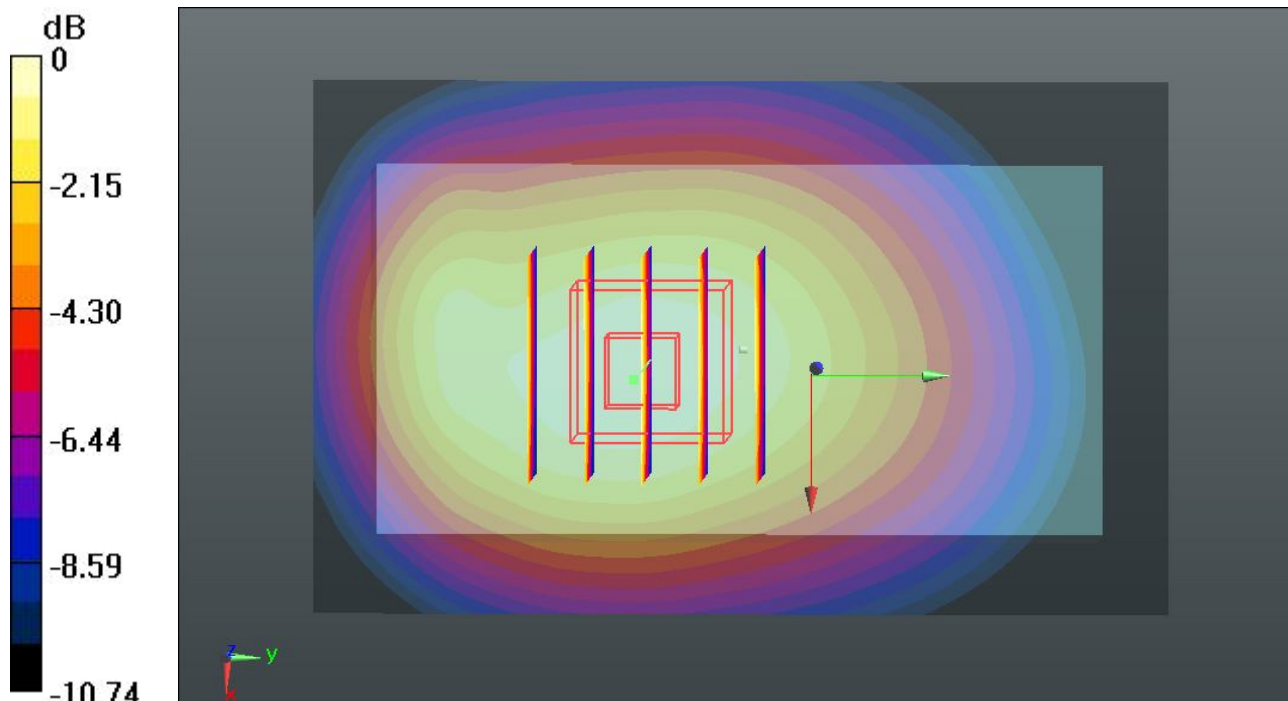Maximum value of SAR (interpolated) = 0.560 W/kg

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.309 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.627 mW/g
SAR(1 g) = 0.457 mW/g; SAR(10 g) = 0.320 mW/g
Maximum value of SAR (measured) = 0.552 W/kg

0 dB = 0.552 W/kg

05 GSM1900_GSM Voice_Front_1.5cm_Ch661_#1

DUT: 312203

Communication System: Generic GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: MSL_1900_130303 Medium parameters used: f = 1880 MHz; σ = 1.506 mho/m; ε_r = 54.9; ρ =

1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch661/Area Scan (51x81x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.0604 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.358 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.069 mW/g
SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.030 mW/g
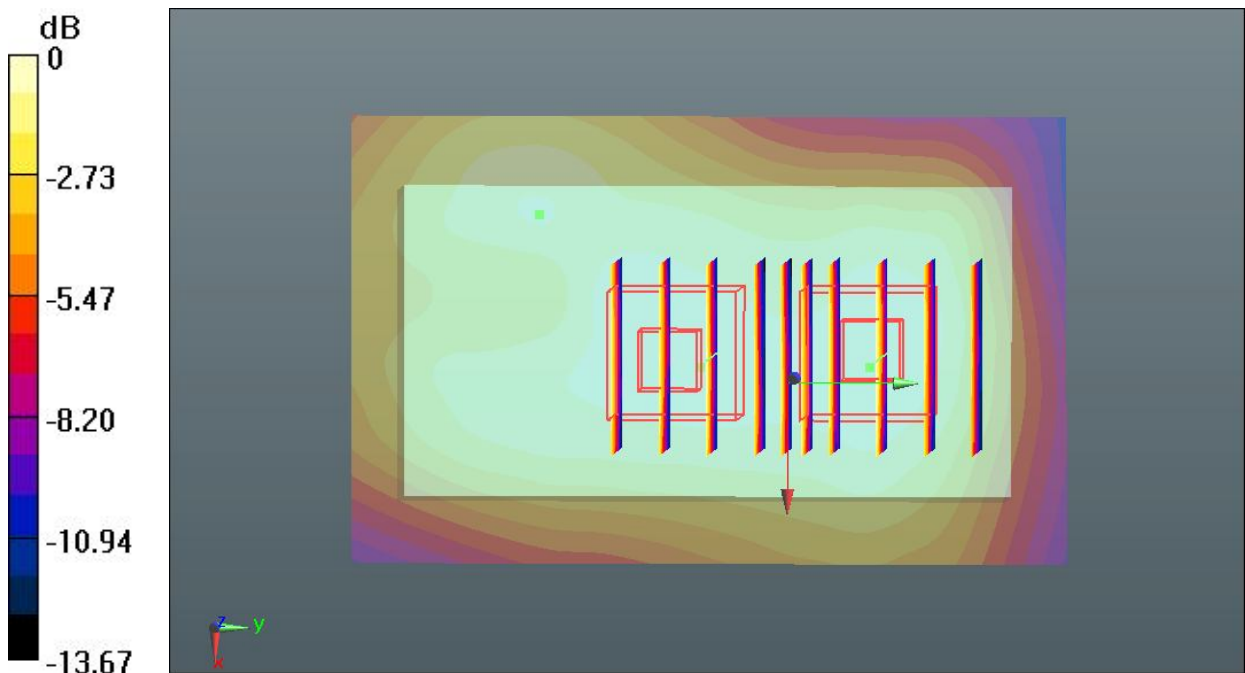Maximum value of SAR (measured) = 0.0586 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.358 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.072 mW/g
SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.029 mW/g
Maximum value of SAR (measured) = 0.0587 W/kg

0 dB = 0.0587 W/kg

06 GSM1900_GSM Voice_Back_1.5cm_Ch661_#1

DUT: 312203

Communication System: Generic GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: MSL_1900_130303 Medium parameters used: f = 1880 MHz; σ = 1.506 mho/m; ε_r = 54.9;

ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch661/Area Scan (51x81x1): Interpolated grid: dx=15mm, dy=15mm
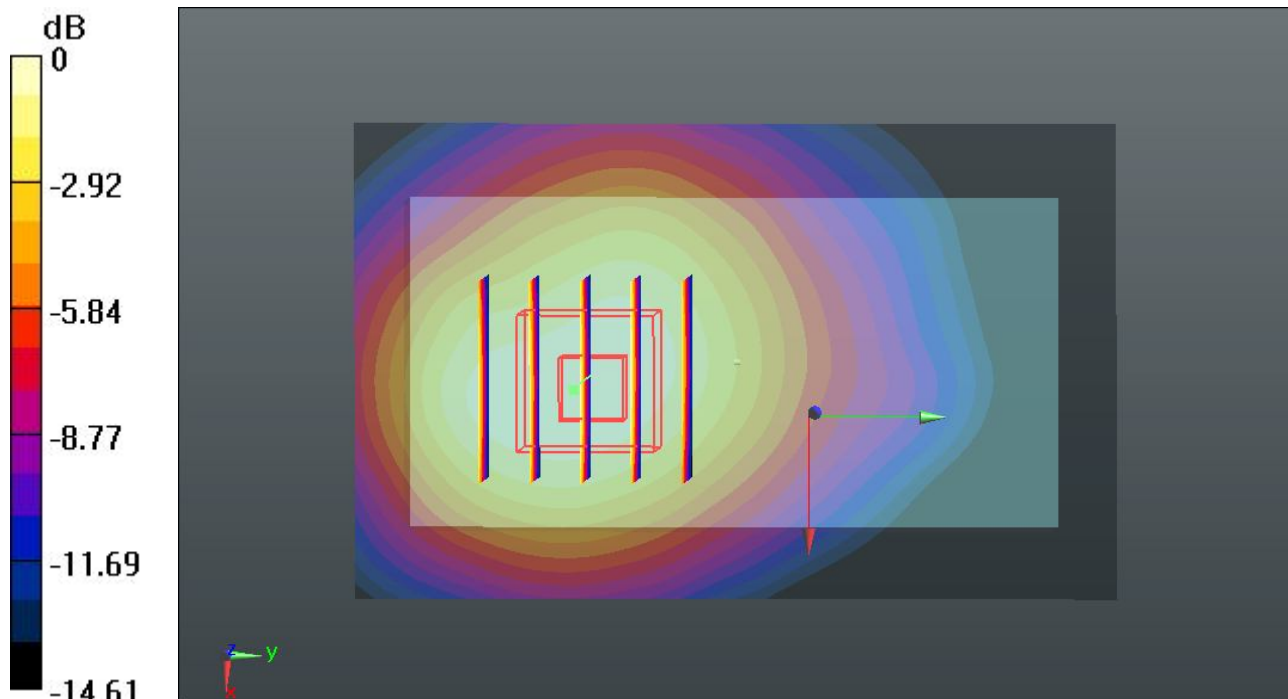Maximum value of SAR (interpolated) = 0.326 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.885 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.392 mW/g
SAR(1 g) = 0.243 mW/g; SAR(10 g) = 0.150 mW/g
Maximum value of SAR (measured) = 0.319 W/kg

0 dB = 0.319 W/kg

83 GSM1900_GSM Voice_Back_1.5cm_Ch661_#2

DUT: 312203

Communication System: Generic GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: MSL_1900_130315 Medium parameters used: f = 1880 MHz; σ = 1.519 mho/m; ε_r = 54.512; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch661/Area Scan (51x81x1): Interpolated grid: dx=15mm, dy=15mm
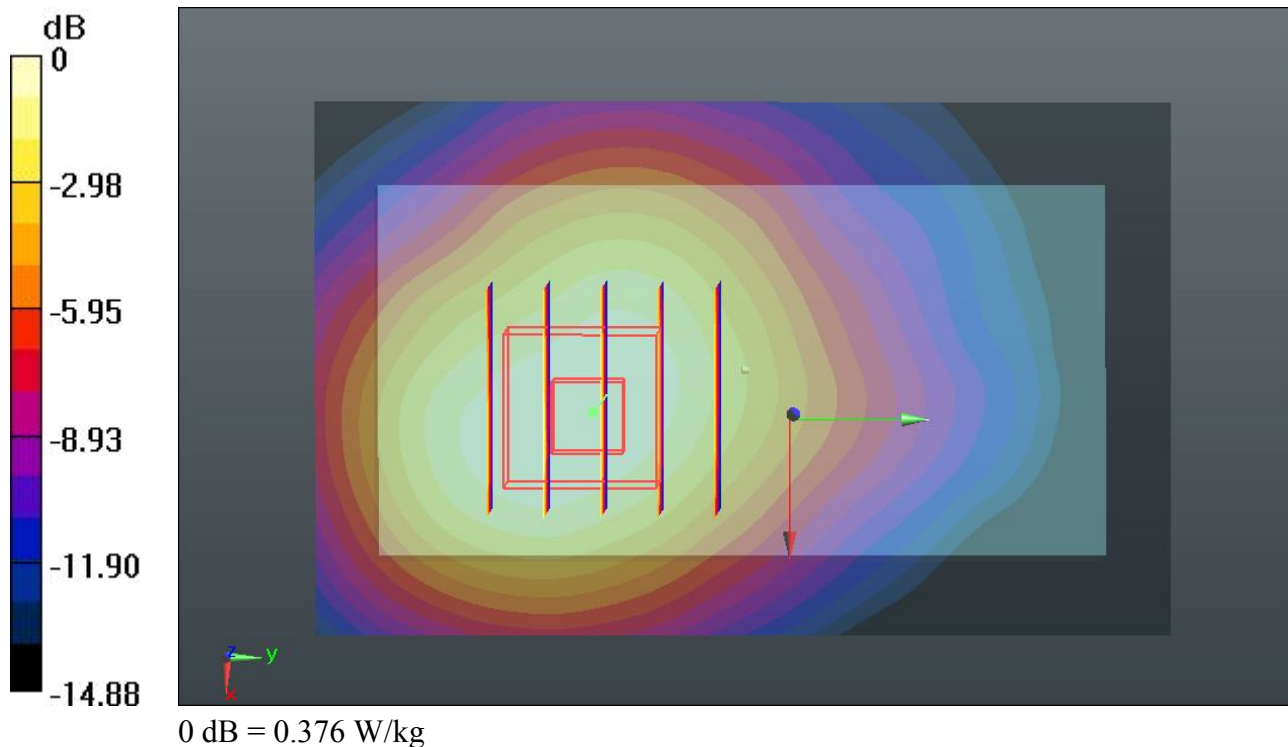Maximum value of SAR (interpolated) = 0.381 W/kg

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.112 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.457 mW/g
SAR(1 g) = 0.289 mW/g; SAR(10 g) = 0.178 mW/g
Maximum value of SAR (measured) = 0.376 W/kg

0 dB = 0.376 W/kg

37 WCDMA Band V_RMC 12.2K_Front_1.5cm_Ch4182_#1

DUT: 312203

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_130303 Medium parameters used: f = 836.4 MHz; σ = 0.97 mho/m; ε_r = 56.057;

ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.9 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4182/Area Scan (51x81x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.269 W/kg

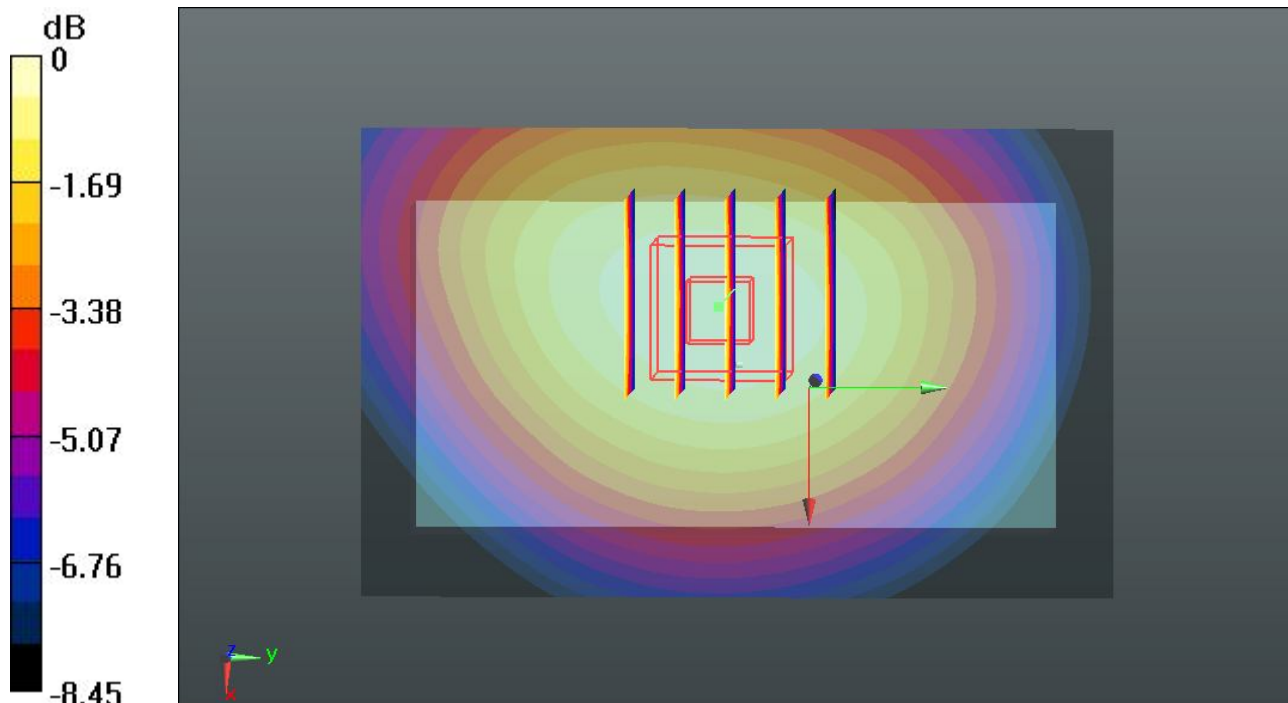## Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.067 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.297 mW/g
SAR(1 g) = 0.233 mW/g; SAR(10 g) = 0.174 mW/g
Maximum value of SAR (measured) = 0.269 W/kg

0 dB = 0.269 W/kg

38 WCDMA Band V_RMC 12.2K_Back_1.5cm_Ch4182_#1

DUT: 312203

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_850_130303 Medium parameters used: f = 836.4 MHz; σ = 0.97 mho/m; ε_r = 56.057;

ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.9 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4182/Area Scan (51x81x1): Interpolated grid: dx=15mm, dy=15mm
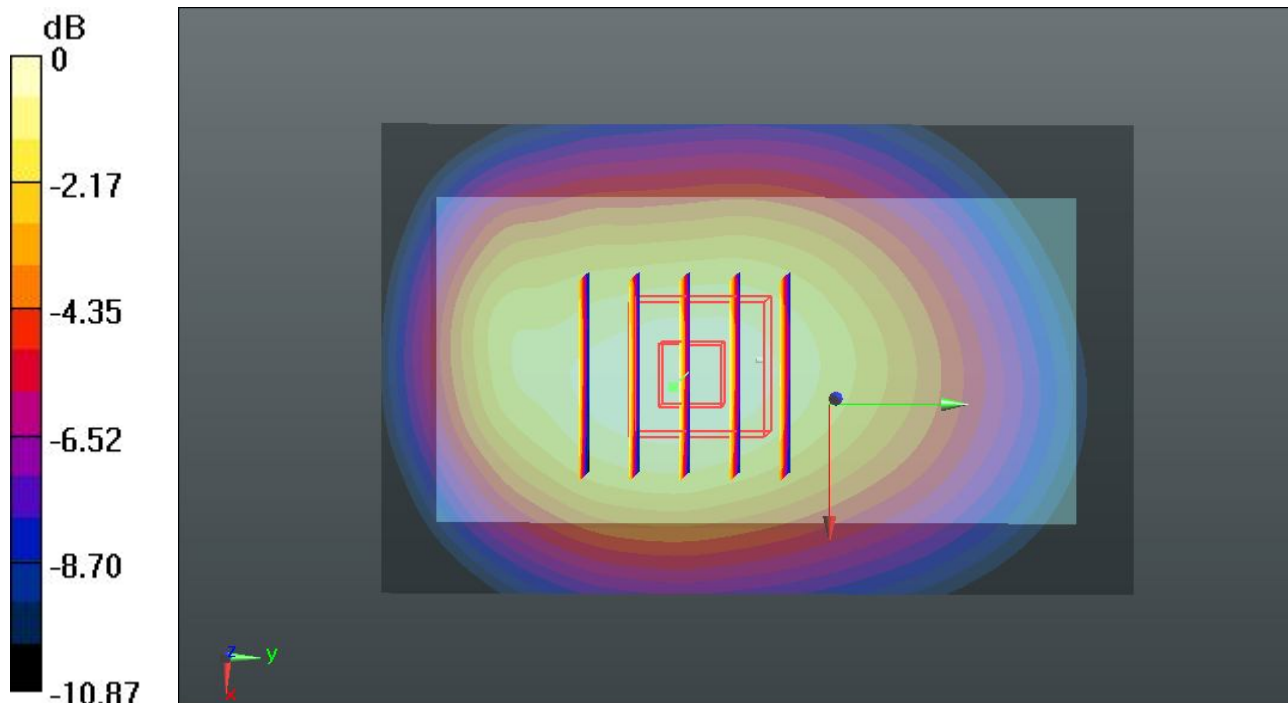Maximum value of SAR (interpolated) = 0.714 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.745 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.812 mW/g
SAR(1 g) = 0.591 mW/g; SAR(10 g) = 0.415 mW/g
Maximum value of SAR (measured) = 0.716 W/kg

0 dB = 0.716 W/kg

67 WCDMA Band V_RMC 12.2K_Back_1.5cm_Ch4182_#2

DUT: 312203

Communication System: UMTS; Frequency: 836.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_130315 Medium parameters used: f = 836.4 MHz; σ = 0.978 mho/m; ε_r = 54.371; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4182/Area Scan (51x81x1): Interpolated grid: dx=15mm, dy=15mm
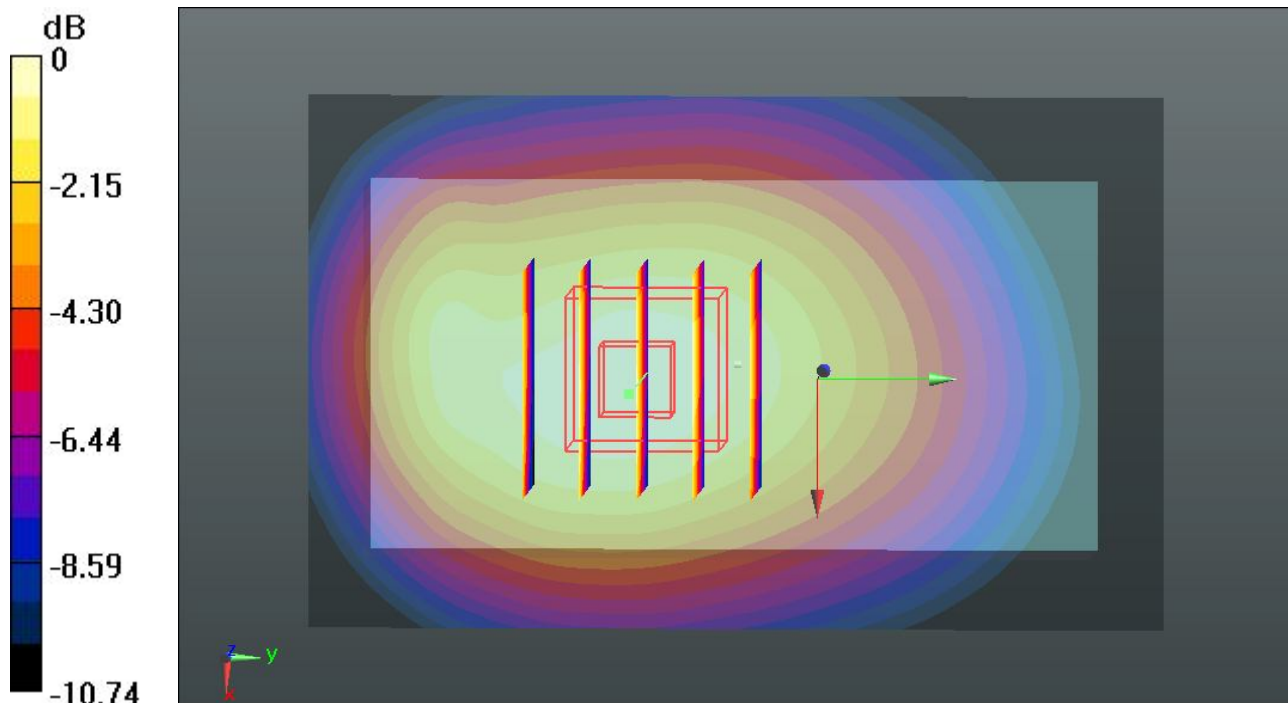Maximum value of SAR (interpolated) = 0.904 W/kg

Ch4182/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.086 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.025 mW/g
SAR(1 g) = 0.744 mW/g; SAR(10 g) = 0.522 mW/g
Maximum value of SAR (measured) = 0.902 W/kg

0 dB = 0.902 W/kg

68 WCDMA Band V_RMC 12.2K_Back_1.5cm_Ch4132_#2

DUT: 312203

Communication System: UMTS; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: MSL_835_130315 Medium parameters used: f = 826.4 MHz; σ = 0.969 mho/m; ε_r =

54.445; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4132/Area Scan (51x81x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.915 W/kg

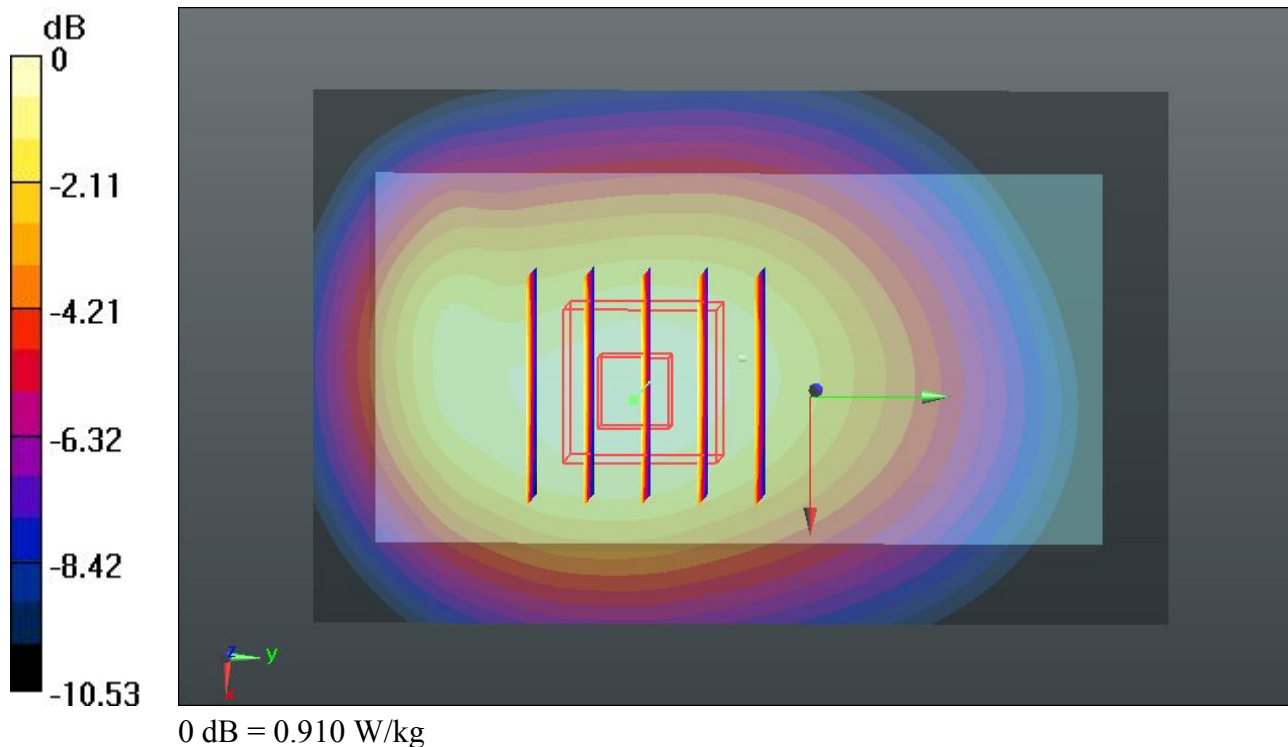**Ch4132/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.439 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.033 mW/g
SAR(1 g) = 0.754 mW/g; SAR(10 g) = 0.528 mW/g
Maximum value of SAR (measured) = 0.910 W/kg

0 dB = 0.910 W/kg

69 WCDMA Band V_RMC 12.2K_Back_1.5cm_Ch4233_#2

DUT: 312204

Communication System: UMTS; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_835_130315 Medium parameters used: f = 847 MHz; σ = 0.988 mho/m; ε_r = 54.272;

ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(9.5, 9.5, 9.5); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch4233/Area Scan (51x81x1): Interpolated grid: dx=15mm, dy=15mm
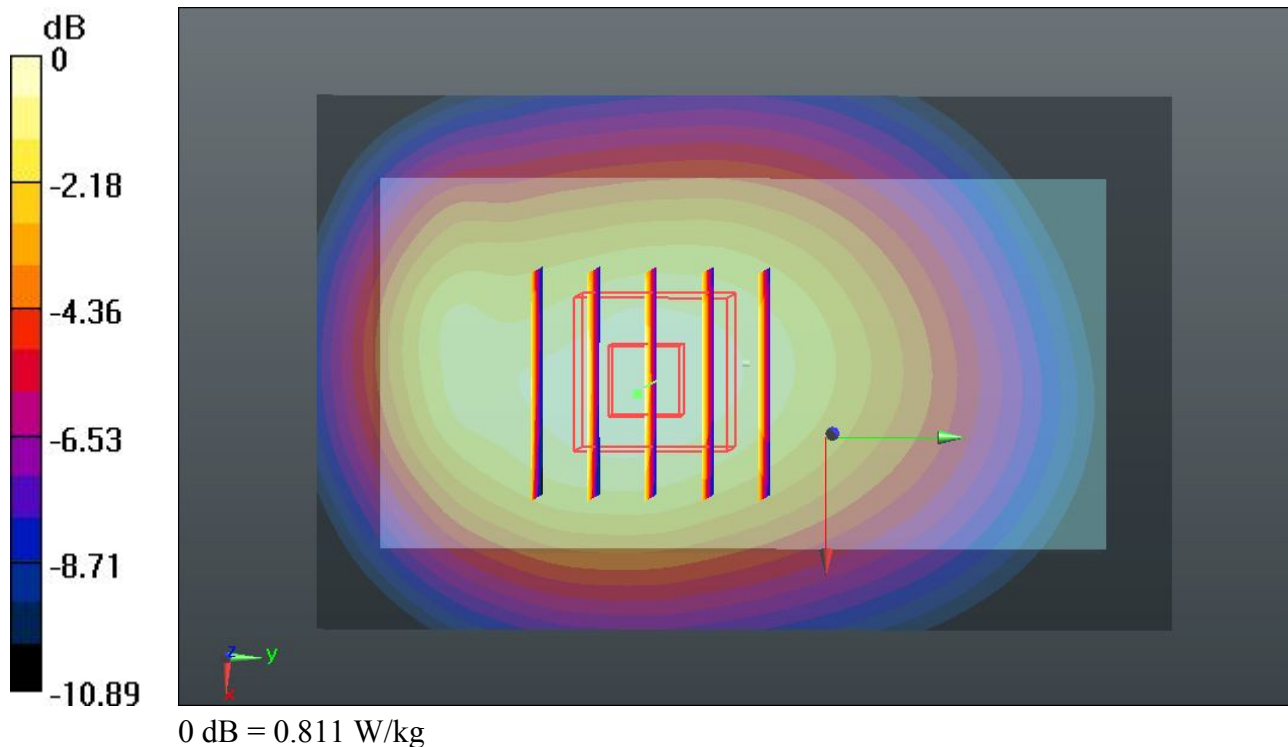Maximum value of SAR (interpolated) = 0.811 W/kg

Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.288 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.922 mW/g
SAR(1 g) = 0.670 mW/g; SAR(10 g) = 0.469 mW/g
Maximum value of SAR (measured) = 0.811 W/kg

0 dB = 0.811 W/kg

01 WCDMA Band II_RMC 12.2K_Front_1.5cm_Ch9262_#1

DUT: 312203

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130303 Medium parameters used: f = 1852.4 MHz; σ = 1.469 mho/m; ε_r = 54.965;

ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9262/Area Scan (51x81x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.107 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.856 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.132 mW/g
SAR(1 g) = 0.090 mW/g; SAR(10 g) = 0.057 mW/g
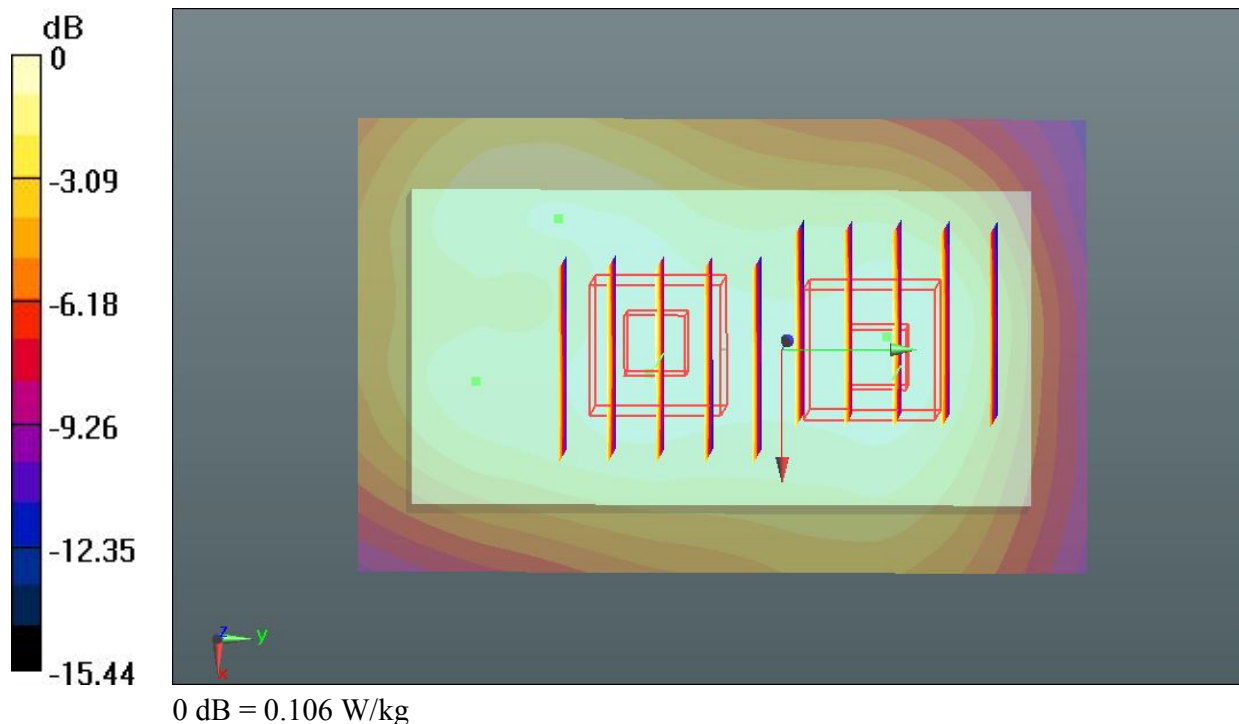Maximum value of SAR (measured) = 0.112 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.856 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.125 mW/g
SAR(1 g) = 0.088 mW/g; SAR(10 g) = 0.058 mW/g
Maximum value of SAR (measured) = 0.106 W/kg

0 dB = 0.106 W/kg

02 WCDMA Band II_RMC 12.2K_Back_1.5cm_Ch9262_#1

DUT: 312203

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130303 Medium parameters used: f = 1852.4 MHz; σ = 1.469 mho/m; ε_r =

54.965; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM1; Type: QD000P40CD; Serial: TP:1670
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9262/Area Scan (51x81x1): Interpolated grid: dx=15mm, dy=15mm
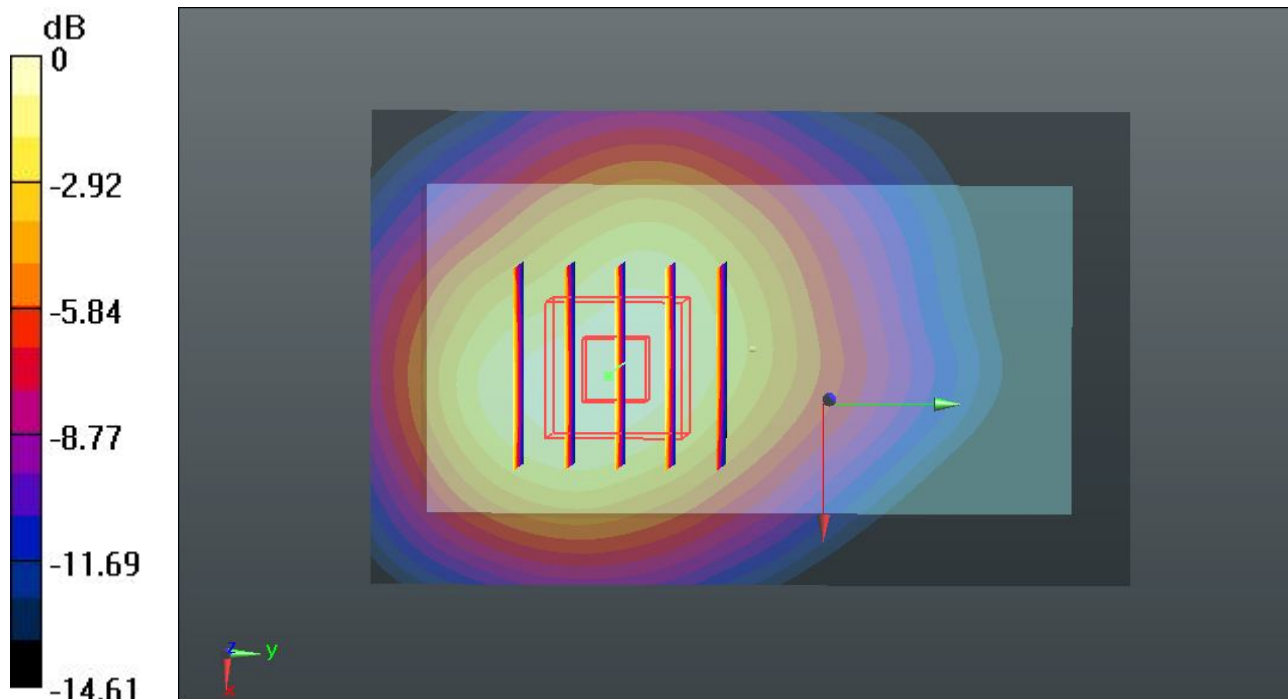Maximum value of SAR (interpolated) = 0.485 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.562 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.597 mW/g
SAR(1 g) = 0.374 mW/g; SAR(10 g) = 0.229 mW/g
Maximum value of SAR (measured) = 0.493 W/kg

0 dB = 0.493 W/kg

85 WCDMA Band II_RMC 12.2K_Back_1.5cm_Ch9262_#2

DUT: 312203

Communication System: UMTS; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_130315 Medium parameters used: f = 1852.4 MHz; σ = 1.482 mho/m; ε$_r$ = 54.583; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃；Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3819; ConvF(7.67, 7.67, 7.67); Calibrated: 26.11.2012;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 22.11.2012
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch9262/Area Scan (51x81x1): Interpolated grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.526 W/kg

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.316 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.646 mW/g
SAR(1 g) = 0.406 mW/g; SAR(10 g) = 0.249 mW/g
Maximum value of SAR (measured) = 0.534 W/kg

0 dB = 0.534 W/kg