#13 GSM850_Right Cheek_Ch189

DUT: 9O3011

Communication System: Generic GSM; Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_100104 Medium parameters used: f = 837 MHz; σ = 0.927 mho/m; ε_r = 41.4; ρ = 1000 kg/m^3

Ambient Temperature：23.5 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.32, 8.32, 8.32); Calibrated: 2009/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

Ch189/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
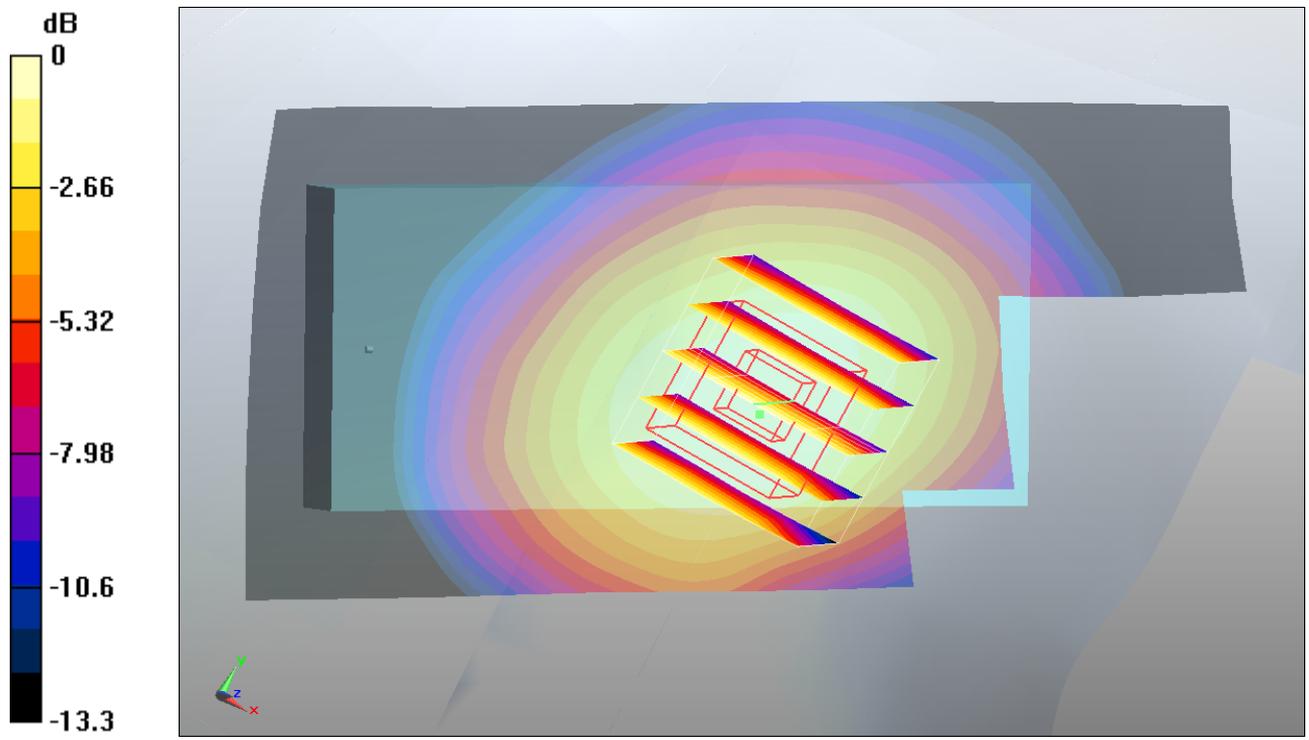Maximum value of SAR (interpolated) = 0.503 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.77 V/m; Power Drift = 0.00392 dB
Peak SAR (extrapolated) = 0.503 W/kg
SAR(1 g) = 0.465 mW/g; SAR(10 g) = 0.331 mW/g
Maximum value of SAR (measured) = 0.491 mW/g

0 dB = 0.491mW/g

#14 GSM850_Right Tilted_Ch189

DUT: 9O3011

Communication System: Generic GSM; Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_100104 Medium parameters used: f = 837 MHz; σ = 0.927 mho/m; $ε_r$ = 41.4; ρ = 1000

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

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.32, 8.32, 8.32); Calibrated: 2009/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

Ch189/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
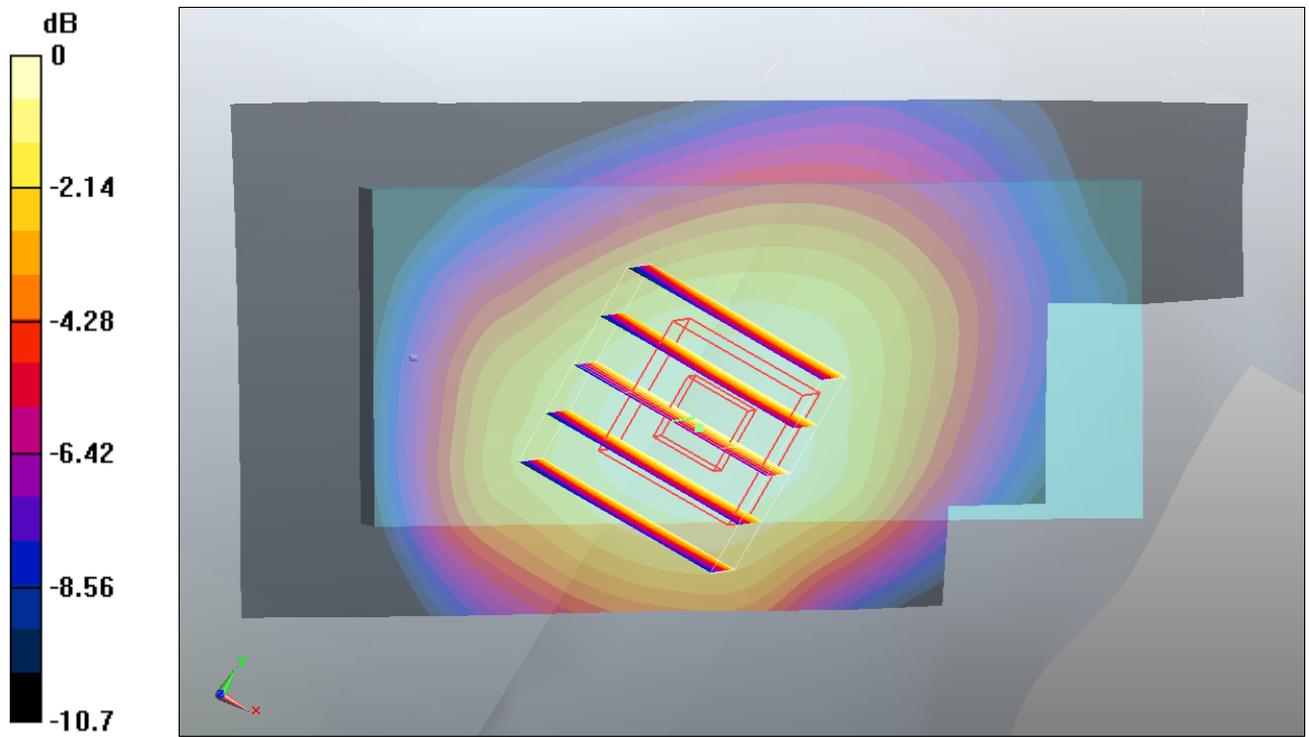Maximum value of SAR (interpolated) = 0.267 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.07 V/m; Power Drift = -0.167 dB
Peak SAR (extrapolated) = 0.267 W/kg
SAR(1 g) = 0.243 mW/g; SAR(10 g) = 0.176 mW/g
Maximum value of SAR (measured) = 0.258 mW/g

0 dB = 0.258mW/g

#16 GSM850_Left Cheek_Ch128

DUT: 9O3011

Communication System: Generic GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_100104 Medium parameters used: f = 824.2 MHz; σ = 0.915 mho/m; ε_r =

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

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.32, 8.32, 8.32); Calibrated: 2009/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

Ch128/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
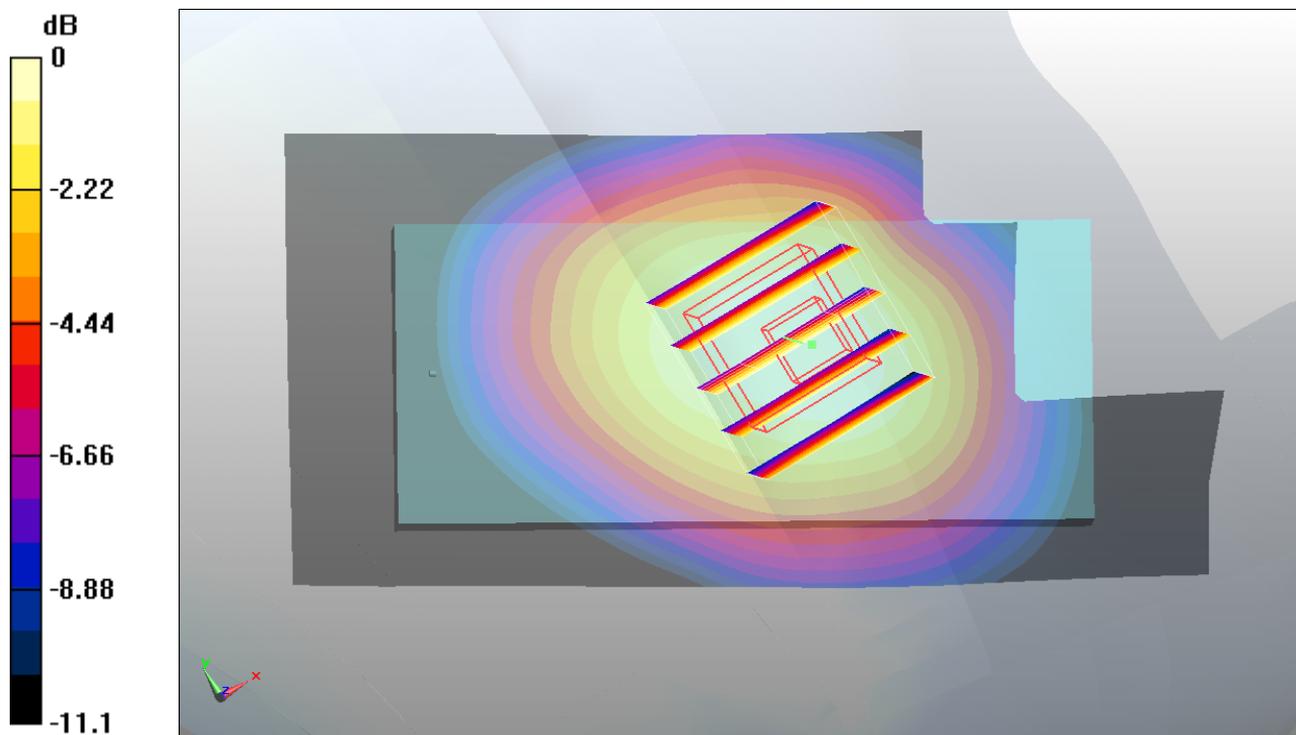Maximum value of SAR (interpolated) = 0.629 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.23 V/m; Power Drift = 0.189 dB
Peak SAR (extrapolated) = 0.648 W/kg
SAR(1 g) = 0.573 mW/g; SAR(10 g) = 0.415 mW/g
Maximum value of SAR (measured) = 0.605 mW/g

0 dB = 0.605mW/g

#16 GSM850_Left Cheek_Ch128_2D

DUT: 9O3011

Communication System: Generic GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_100104 Medium parameters used : f = 824.2 MHz; σ = 0.915 mho/m; ε_r = 41.6; ρ = 1000 kg/m^3
Ambient Temperature：23.5 ℃; Liquid Temperature：21.2 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.32, 8.32, 8.32); Calibrated: 2009/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

CH128/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.629 mW/g

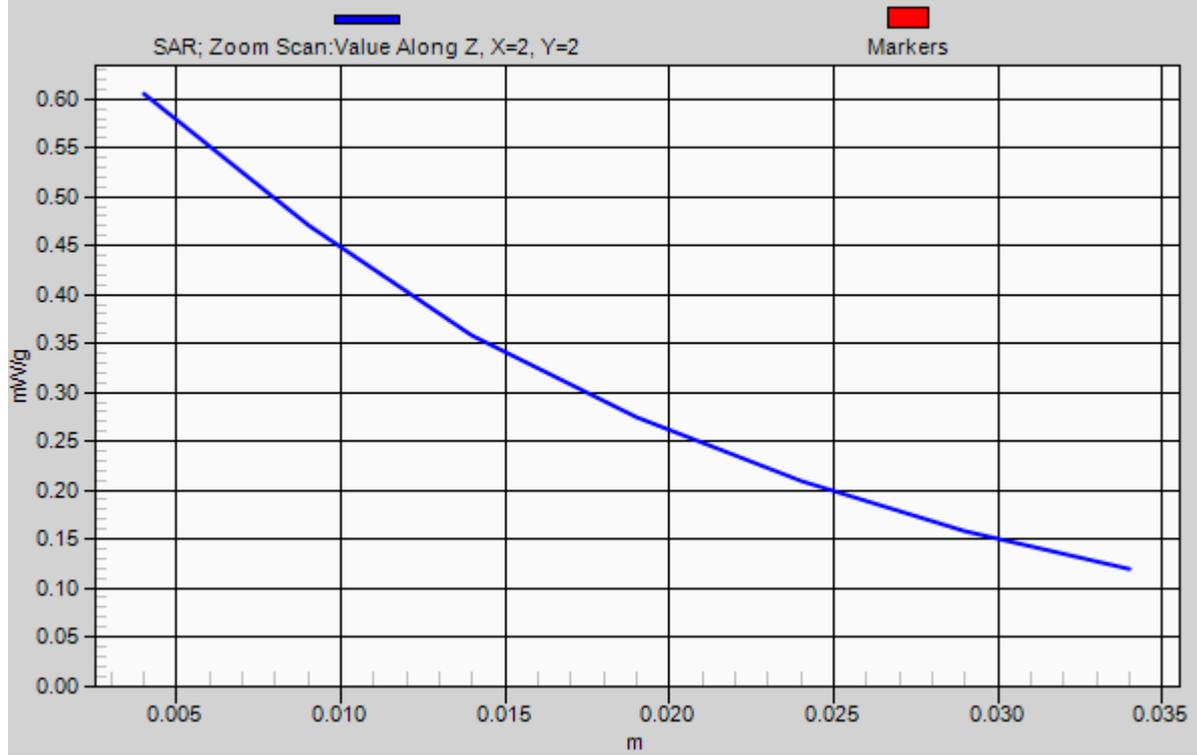**CH128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.23 V/m; Power Drift = 0.189 dB
Peak SAR (extrapolated) = 0.748 W/kg
SAR(1 g) = 0.573 mW/g; SAR(10 g) = 0.415 mW/g
Maximum value of SAR (measured) = 0.605 mW/g

1g/10g Averaged SAR

#18 GSM850_Left Tilted_Ch189

DUT: 9O3011

Communication System: Generic GSM; Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_100104 Medium parameters used: f = 837 MHz; σ = 0.927 mho/m; ε_r = 41.4; ρ = 1000

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

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.32, 8.32, 8.32); Calibrated: 2009/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

Ch189/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
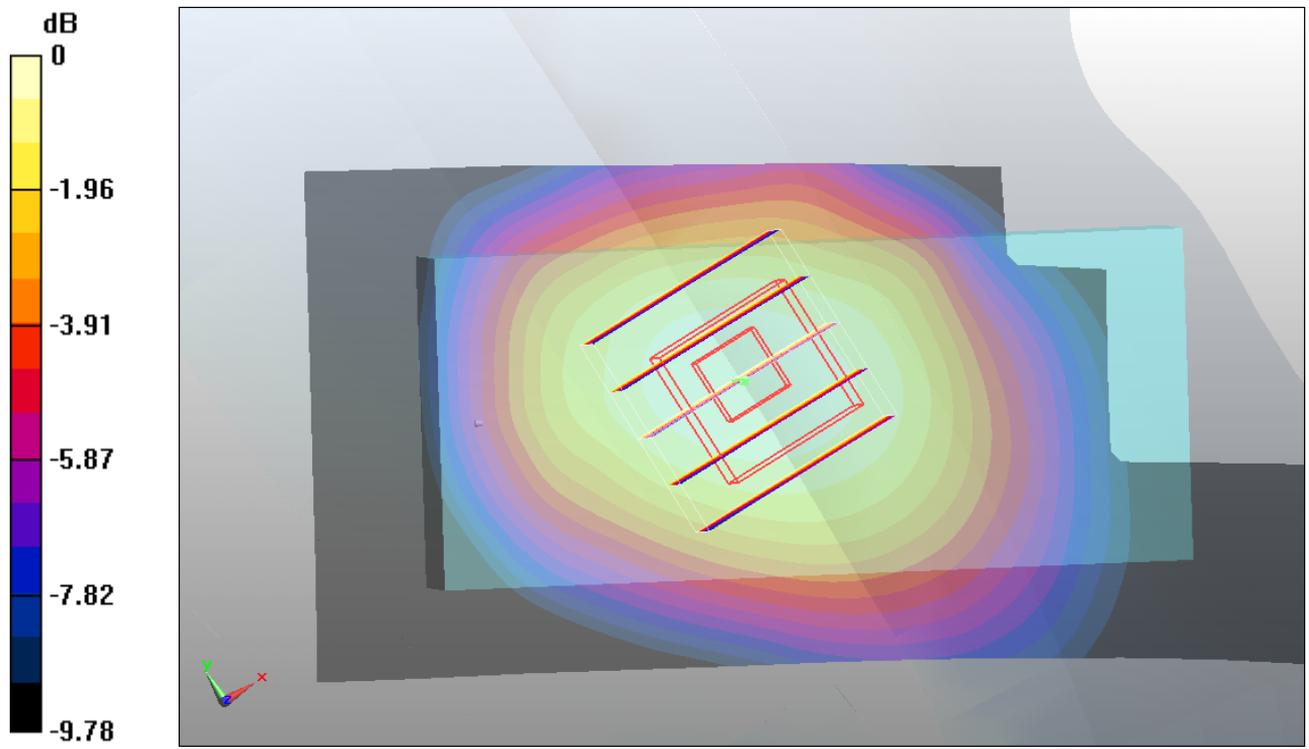Maximum value of SAR (interpolated) = 0.313 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.4 V/m; Power Drift = -0.187 dB
Peak SAR (extrapolated) = 0.376 W/kg
SAR(1 g) = 0.291 mW/g; SAR(10 g) = 0.212 mW/g
Maximum value of SAR (measured) = 0.308 mW/g

0 dB = 0.308mW/g

#05 GSM1900_Right Cheek_Ch512

DUT: 9O3011

Communication System: Generic GSM; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_100101 Medium parameters used: f = 1850.2 MHz; σ = 1.39 mho/m; ε_r =

40.1; ρ = 1000 kg/m^3
Ambient Temperature : 23.3 ℃; Liquid Temperature : 21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.32, 7.32, 7.32); Calibrated: 2009/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

Ch512/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
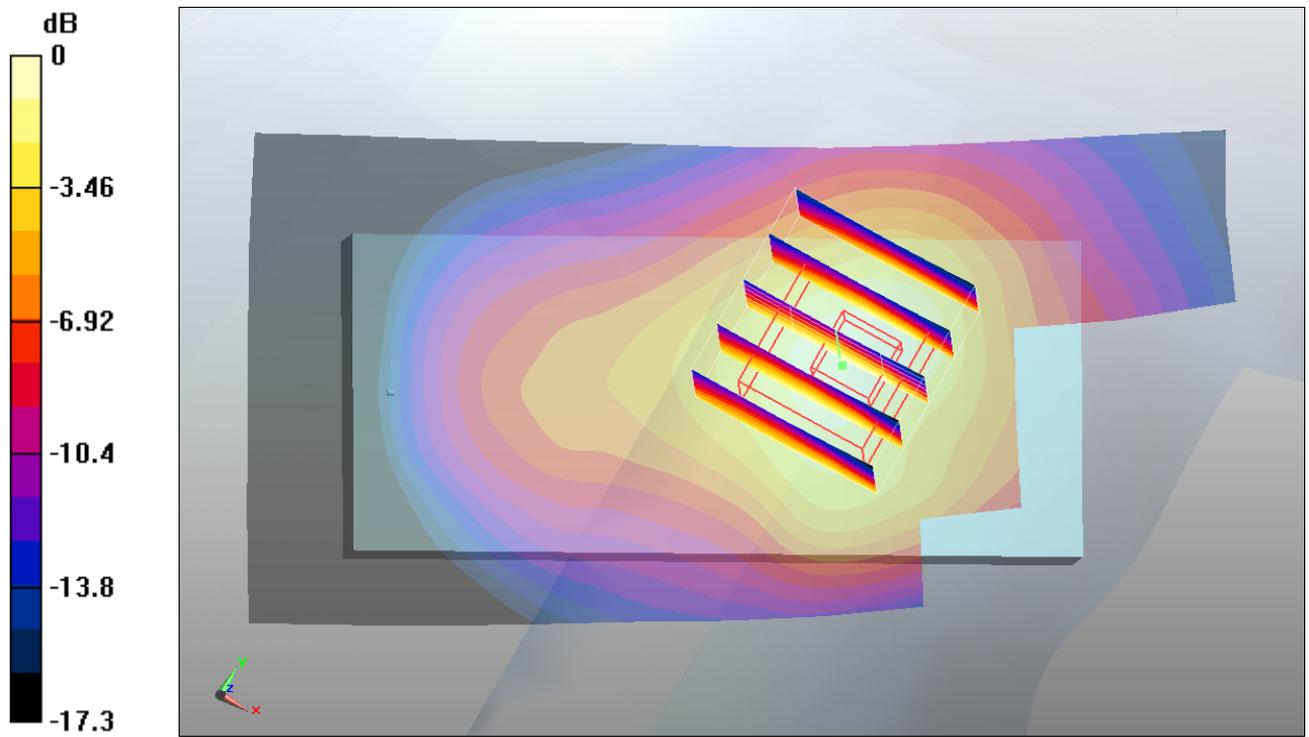Maximum value of SAR (interpolated) = 0.673 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.51 V/m; Power Drift = -0.036 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.671 mW/g; SAR(10 g) = 0.382 mW/g
Maximum value of SAR (measured) = 0.719 mW/g

0 dB = 0.719mW/g

#05 GSM1900_Right Cheek_Ch512_2D

DUT: 9O3011
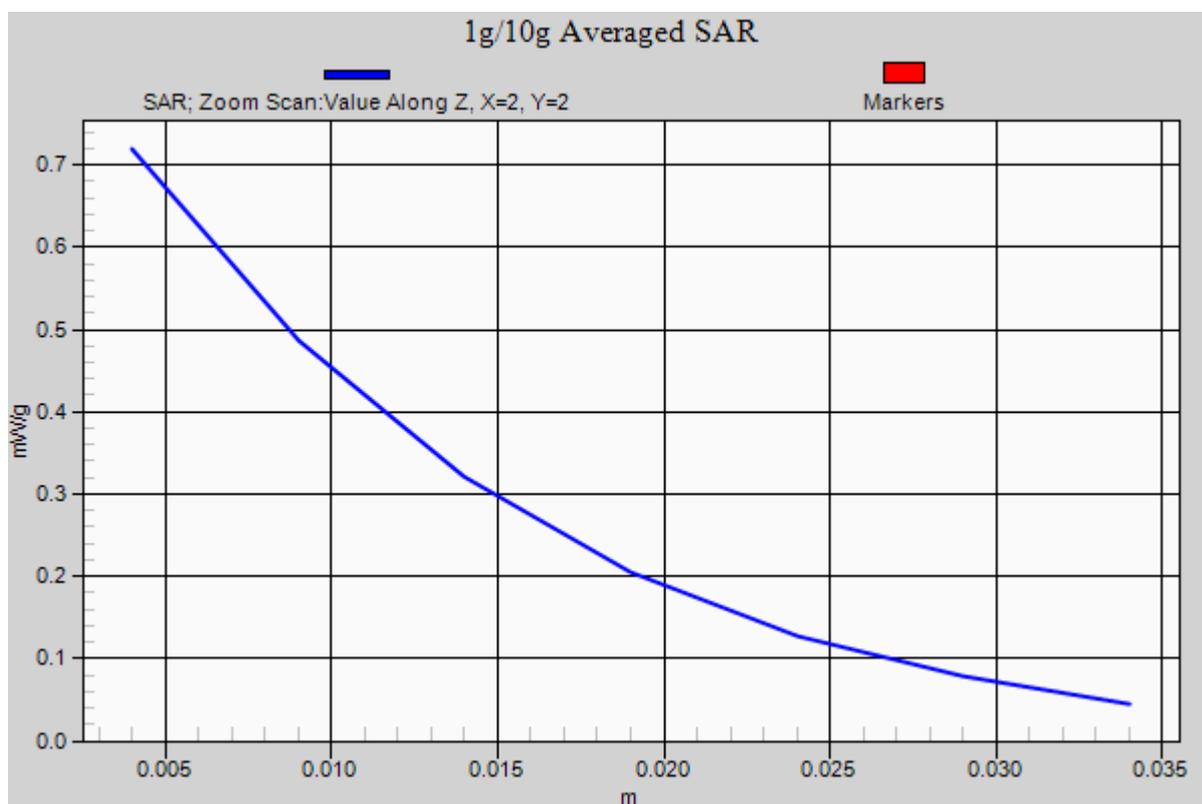
Communication System: Generic GSM; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_100101 Medium parameters used: f = 1850.2 MHz; σ = 1.39 mho/m; ε_r =

40.1; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.32, 7.32, 7.32); Calibrated: 2009/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

Ch512/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.673 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.51 V/m; Power Drift = -0.036 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.671 mW/g; SAR(10 g) = 0.382 mW/g
Maximum value of SAR (measured) = 0.719 mW/g

#02 GSM1900_Right Tilted_Ch661

DUT: 9O3011

Communication System: Generic GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_100101 Medium parameters used: f = 1880 MHz; σ = 1.42 mho/m; ε$_r$ = 40; ρ = 1000

kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.32, 7.32, 7.32); Calibrated: 2009/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

Ch661/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
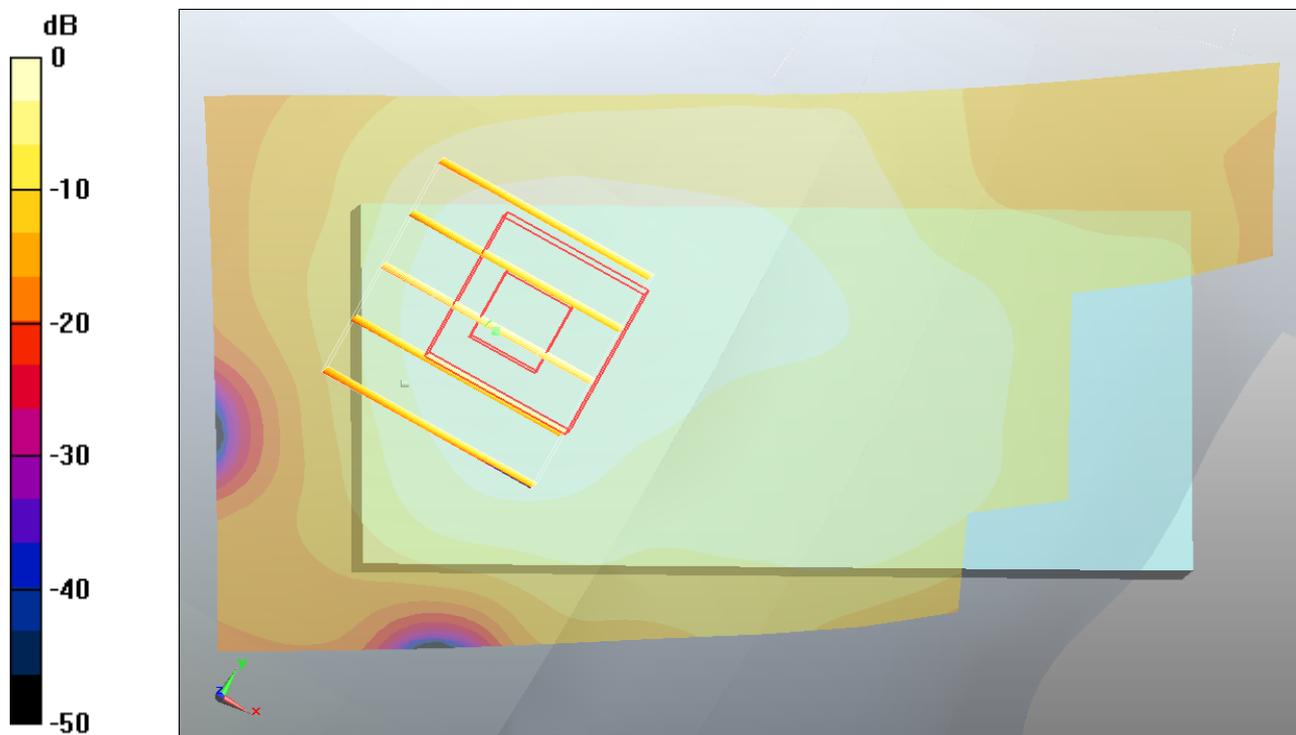Maximum value of SAR (interpolated) = 0.160 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.98 V/m; Power Drift = 0.113 dB
Peak SAR (extrapolated) = 0.216 W/kg
SAR(1 g) = 0.138 mW/g; SAR(10 g) = 0.084 mW/g
Maximum value of SAR (measured) = 0.147 mW/g

0 dB = 0.147mW/g

#03 GSM1900_Left Cheek_Ch661

DUT: 9O3011

Communication System: Generic GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_100101 Medium parameters used: f = 1880 MHz; σ = 1.42 mho/m; ε$_r$ = 40; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.32, 7.32, 7.32); Calibrated: 2009/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

Ch512/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
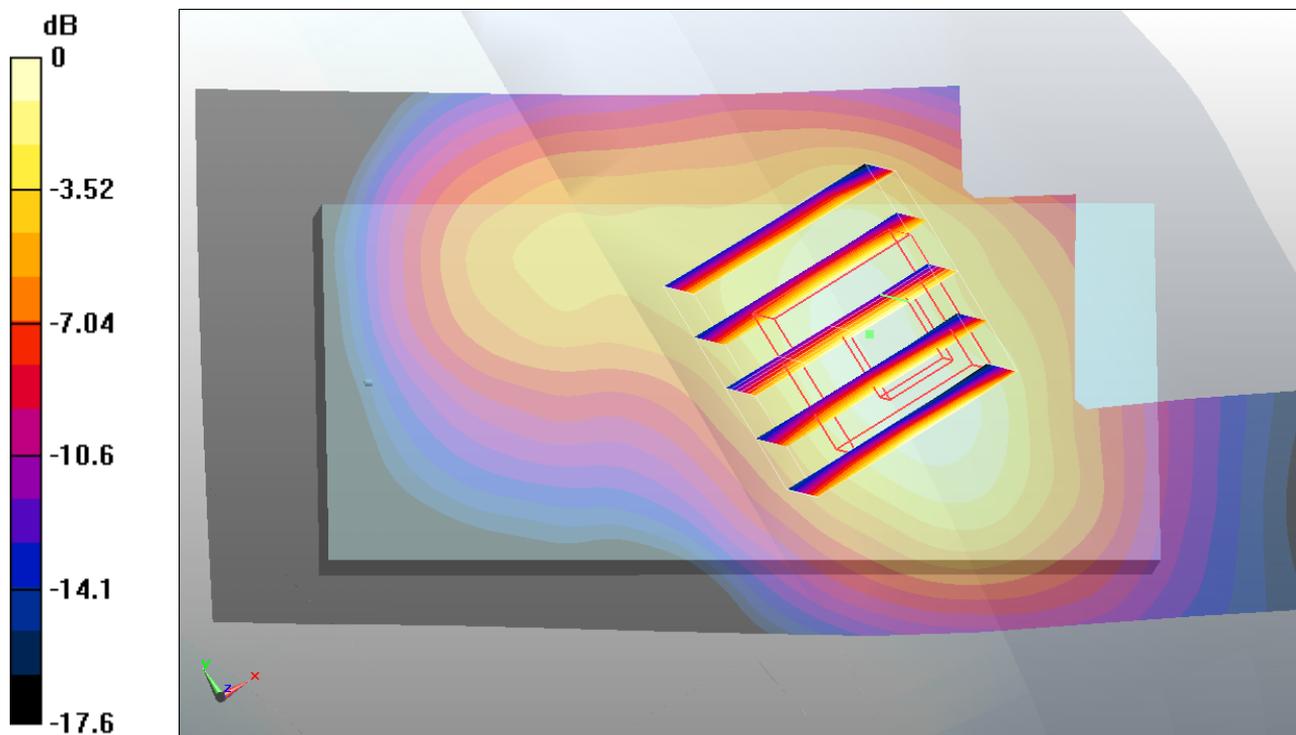Maximum value of SAR (interpolated) = 0.522 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.58 V/m; Power Drift = -0.025 dB
Peak SAR (extrapolated) = 0.896 W/kg
SAR(1 g) = 0.534 mW/g; SAR(10 g) = 0.303 mW/g
Maximum value of SAR (measured) = 0.551 mW/g

dB
0

−3.52

−7.04

−10.6

−14.1

−17.6

0 dB = 0.551mW/g

#04 GSM1900_Left Tilted_Ch661

DUT: 9O3011

Communication System: Generic GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_100101 Medium parameters used: f = 1880 MHz; σ = 1.42 mho/m; ε_r = 40; ρ = 1000

kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.32, 7.32, 7.32); Calibrated: 2009/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

Ch661/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
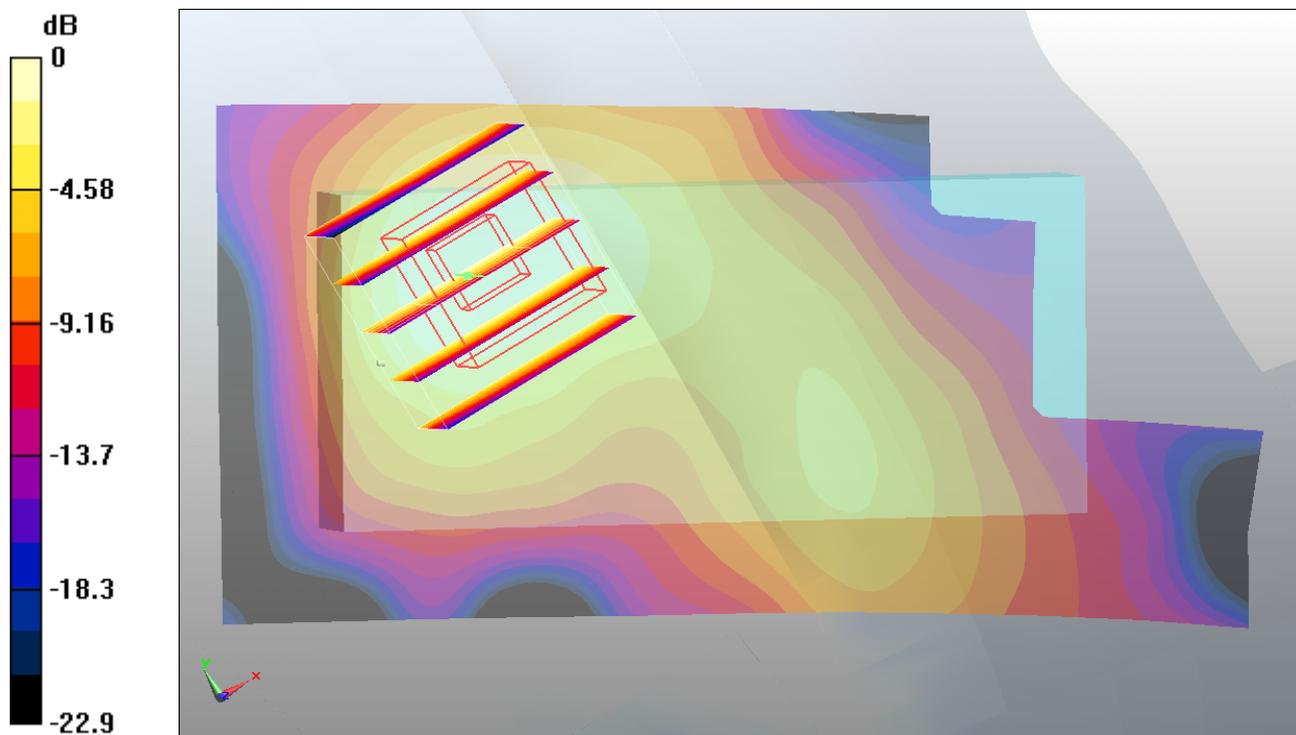Maximum value of SAR (interpolated) = 0.239 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.24 V/m; Power Drift = -0.00816 dB
Peak SAR (extrapolated) = 0.314 W/kg
SAR(1 g) = 0.194 mW/g; SAR(10 g) = 0.112 mW/g
Maximum value of SAR (measured) = 0.207 mW/g

0 dB = 0.207mW/g

#19 GSM850 GPRS12_Face_1.5 cm_Ch189

DUT: 9O3011

Communication System: GPRS12; Frequency: 836.4 MHz;Duty Cycle: 1:2
Medium: MSL_850_100104 Medium parameters used: f = 836.4 MHz; σ = 0.99 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 2009/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

Ch189/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
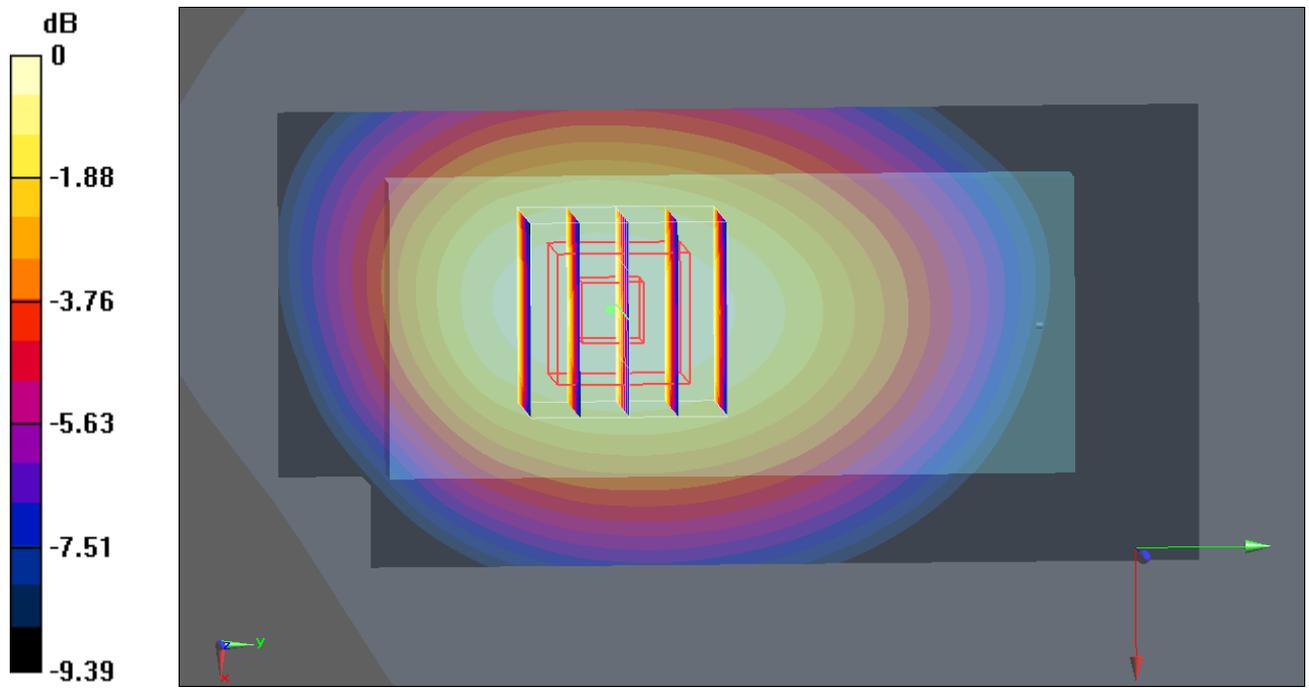Maximum value of SAR (interpolated) = 0.700 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.77 V/m; Power Drift = -0.170 dB
Peak SAR (extrapolated) = 0.869 W/kg
SAR(1 g) = 0.655 mW/g; SAR(10 g) = 0.474 mW/g
Maximum value of SAR (measured) = 0.694 mW/g

0 dB = 0.694mW/g

#21 GSM850 GPRS12_Bottom_1.5 cm_Ch128

DUT: 9O3011

Communication System: GPRS12; Frequency: 824.2 MHz;Duty Cycle: 1:2
Medium: MSL_850_100104 Medium parameters used: f = 824.2 MHz; σ = 0.978 mho/m; ε_r = 54.5; ρ = 1000

kg/m^3

Ambient Temperature：23.3 ℃; Liquid Temperature : 21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 2009/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

Ch128/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
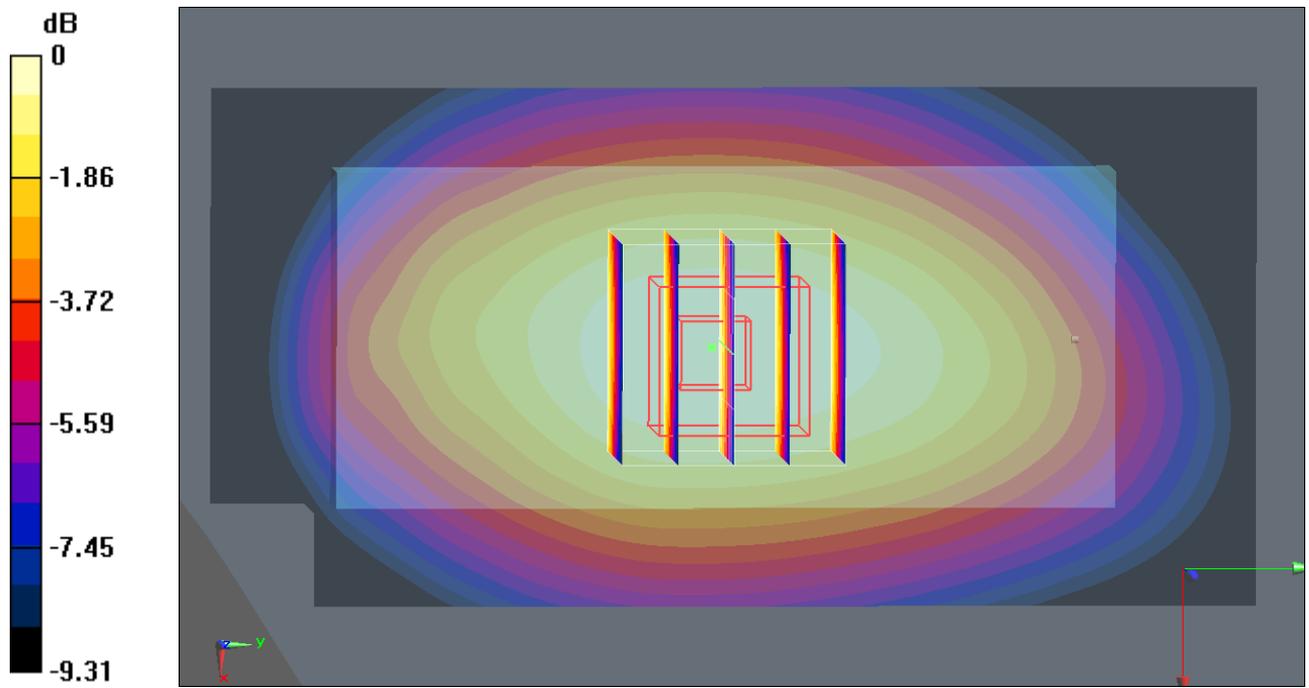Maximum value of SAR (interpolated) = 1.05 mW/g

Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.1 V/m; Power Drift = -0.130 dB
Peak SAR (extrapolated) = 1.28 W/kg
SAR(1 g) = 0.967 mW/g; SAR(10 g) = 0.700 mW/g
Maximum value of SAR (measured) = 1.02 mW/g

0 dB = 1.02mW/g

#21 GSM850 GPRS12_Bottom_1.5 cm_Ch128_2D

DUT: 9O3011

Communication System: GPRS12; Frequency: 824.2 MHz;Duty Cycle: 1:2
Medium: MSL_850_100104 Medium parameters used: f = 824.2 MHz; σ = 0.978 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.22, 8.22, 8.22); Calibrated: 2009/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

Ch128/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.05 mW/g

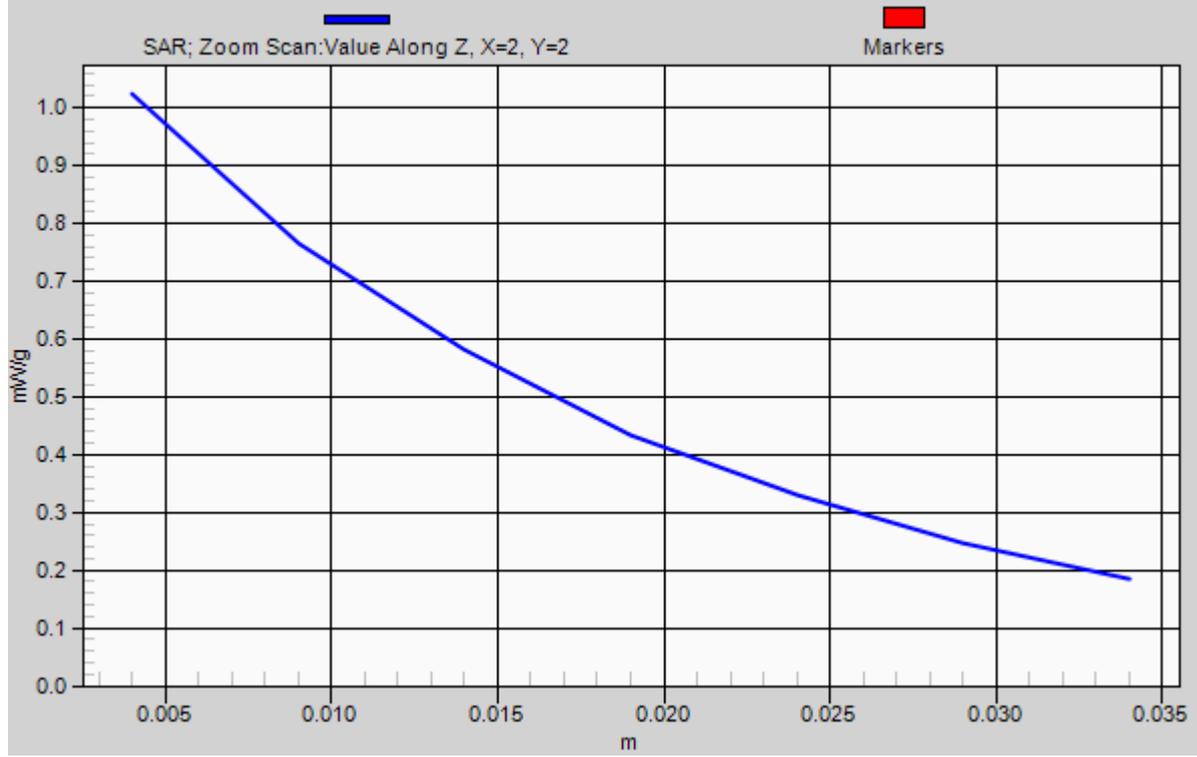**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.1 V/m; Power Drift = -0.230 dB
Peak SAR (extrapolated) = 1.28 W/kg
SAR(1 g) = 0.967 mW/g; SAR(10 g) = 0.700 mW/g
Maximum value of SAR (measured) = 1.02 mW/g

#09 GSM1900 GPRS12_Face_1.5 cm_Ch810

DUT: 9O3011

Communication System: GPRS12; Frequency: 1909.8 MHz;Duty Cycle: 1:2
Medium: MSL_1900_100103 Medium parameters used: f = 1910 MHz; σ = 1.53 mho/m; ε_r = 53.6; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature : 21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 2009/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

Configuration/Ch810/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
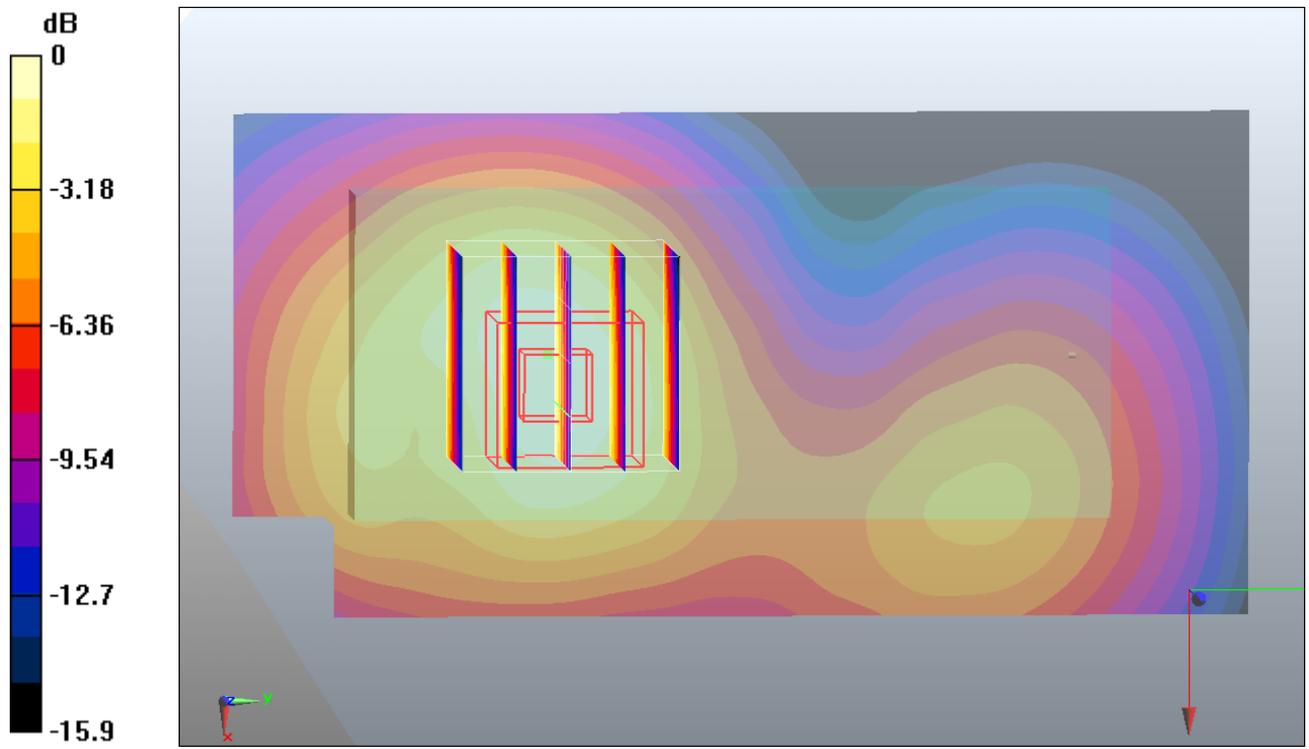Maximum value of SAR (interpolated) = 1.01 mW/g

Configuration/Ch810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.8 V/m; Power Drift = -0.403 dB
Peak SAR (extrapolated) = 1.5 W/kg
SAR(1 g) = 0.933 mW/g; SAR(10 g) = 0.561 mW/g
Maximum value of SAR (measured) = 1.02 mW/g

0 dB = 1.02mW/g

#11 GSM1900 GPRS12_Bottom_1.5 cm_Ch512

DUT: 9O3011

Communication System: GPRS12; Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_100103 Medium parameters used: f = 1850.2 MHz; σ = 1.46 mho/m; ε_r = 53.6; ρ = 1000

kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 2009/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

Ch512/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
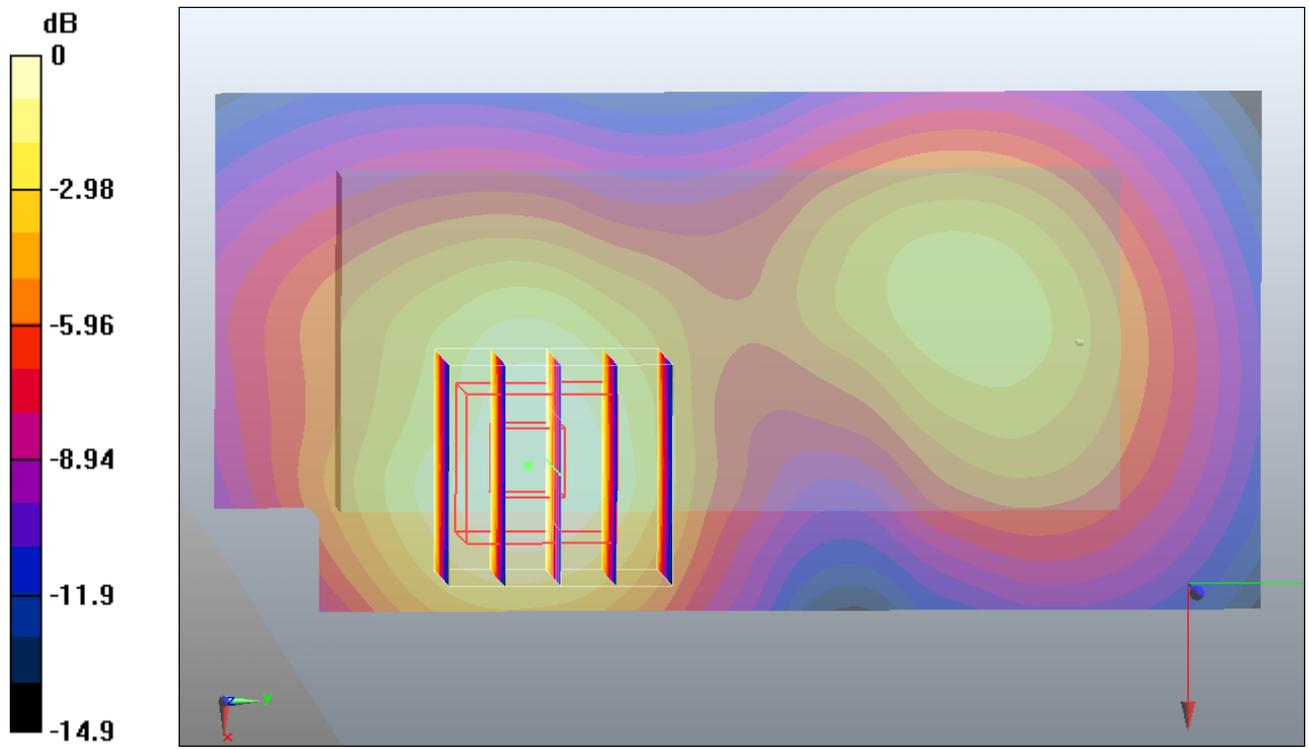Maximum value of SAR (interpolated) = 1.14 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.5 V/m; Power Drift = 0.00073 dB
Peak SAR (extrapolated) = 1.61 W/kg
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.634 mW/g
Maximum value of SAR (measured) = 1.1 mW/g

0 dB = 1.1mW/g

#11 GSM1900 GPRS12_Bottom_1.5 cm_Ch512_2D

DUT: 9O3011

Communication System: GPRS12; Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_100103 Medium parameters used: f = 1850.2 MHz; σ = 1.46 mho/m; ε_r =

53.6; ρ = 1000 kg/m^3
Ambient Temperature：23.2 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.04, 7.04, 7.04); Calibrated: 2009/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1210; Calibrated: 2009/11/16
- Phantom: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW: DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 59

Ch512/Area Scan (51x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.14 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.5 V/m; Power Drift = 0.00073 dB
Peak SAR (extrapolated) = 1.61 W/kg
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.634 mW/g
Maximum value of SAR (measured) = 1.1 mW/g