#05 GSM850_Right Cheek_Ch189_Slide Up

DUT: 981929

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_090917 Medium parameters used: f = 836.4 MHz; σ = 0.918 mho/m; ε_r = 41.7; ρ = 1000

kg/m^3
Ambient Temperature 22.7 ; Liquid Temperature 21.3

DASY5 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(5.58, 5.58, 5.58); Calibrated: 2009/6/22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2009/6/23
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch189/Area Scan (51x111x1): Measurement grid: dx=15mm, dy=15mm
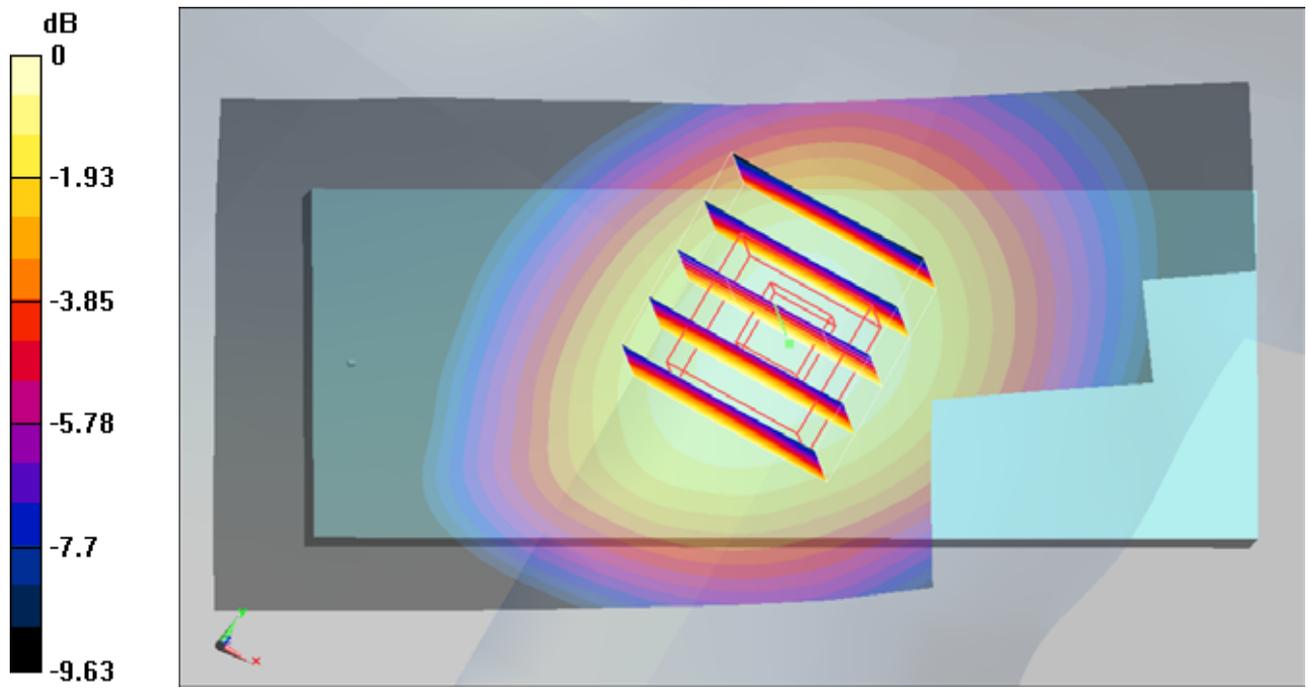Maximum value of SAR (interpolated) = 0.335 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.43 V/m; Power Drift = 0.078 dB
Peak SAR (extrapolated) = 0.402 W/kg
SAR(1 g) = 0.317 mW/g; SAR(10 g) = 0.234 mW/g
Maximum value of SAR (measured) = 0.337 mW/g

0 dB = 0.337mW/g

#06 GSM850_Right Tilted_Ch189_Slide Up

DUT: 981929

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_090917 Medium parameters used: f = 836.4 MHz; σ = 0.918 mho/m; ε_r = 41.7; ρ = 1000

kg/m^3
Ambient Temperature   22.7   ; Liquid Temperature   21.3

DASY5 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(5.58, 5.58, 5.58); Calibrated: 2009/6/22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2009/6/23
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch189/Area Scan (51x111x1): Measurement grid: dx=15mm, dy=15mm
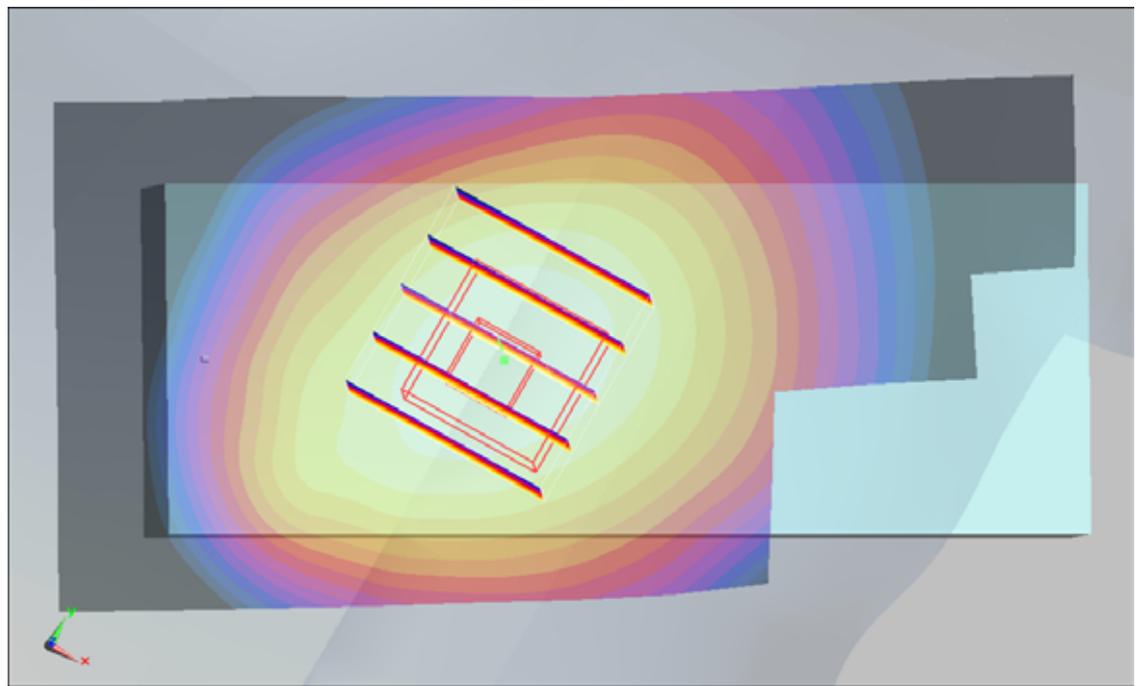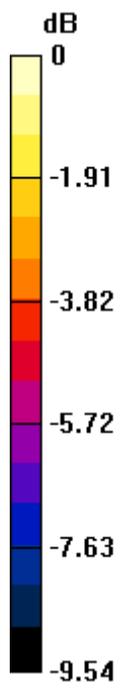Maximum value of SAR (interpolated) = 0.175 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.89 V/m; Power Drift = -0.00621 dB
Peak SAR (extrapolated) = 0.207 W/kg
SAR(1 g) = 0.164 mW/g; SAR(10 g) = 0.123 mW/g
Maximum value of SAR (measured) = 0.172 mW/g

0 dB = 0.172mW/g

#07 GSM850_Left Cheek_Ch189_Slide Up

DUT: 981929

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_090917 Medium parameters used : f = 836.4 MHz; σ = 0.918 mho/m; ε_r = 41.7; ρ = 1000

kg/m^3
Ambient Temperature 22.7 ; Liquid Temperature 21.3

DASY5 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(5.58, 5.58, 5.58); Calibrated: 2009/6/22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2009/6/23
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch189/Area Scan (51x111x1): Measurement grid: dx=15mm, dy=15mm
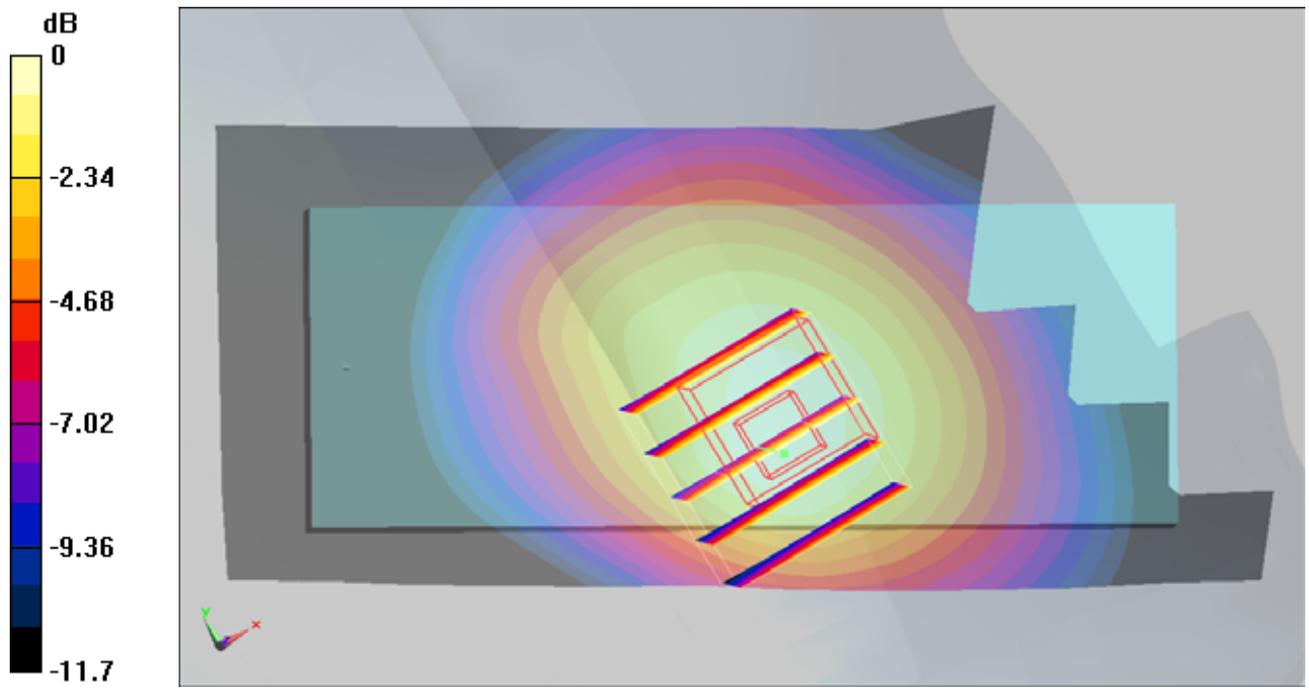Maximum value of SAR (interpolated) = 0.384 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.47 V/m; Power Drift = 0.101 dB
Peak SAR (extrapolated) = 0.546 W/kg
SAR(1 g) = 0.373 mW/g; SAR(10 g) = 0.261 mW/g
Maximum value of SAR (measured) = 0.401 mW/g

0 dB = 0.401mW/g

#07 GSM850_Left Cheek_Ch189_Slide Up_2D

DUT: 981929

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_090917 Medium parameters used: f = 836.4 MHz; σ = 0.918 mho/m; ε_r = 41.7; ρ = 1000

kg/m^3
Ambient Temperature 22.7 ; Liquid Temperature 21.3

DASY5 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(5.58, 5.58, 5.58); Calibrated: 2009/6/22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2009/6/23
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch189/Area Scan (51x111x1): Measurement grid: dx=15mm, dy=15mm
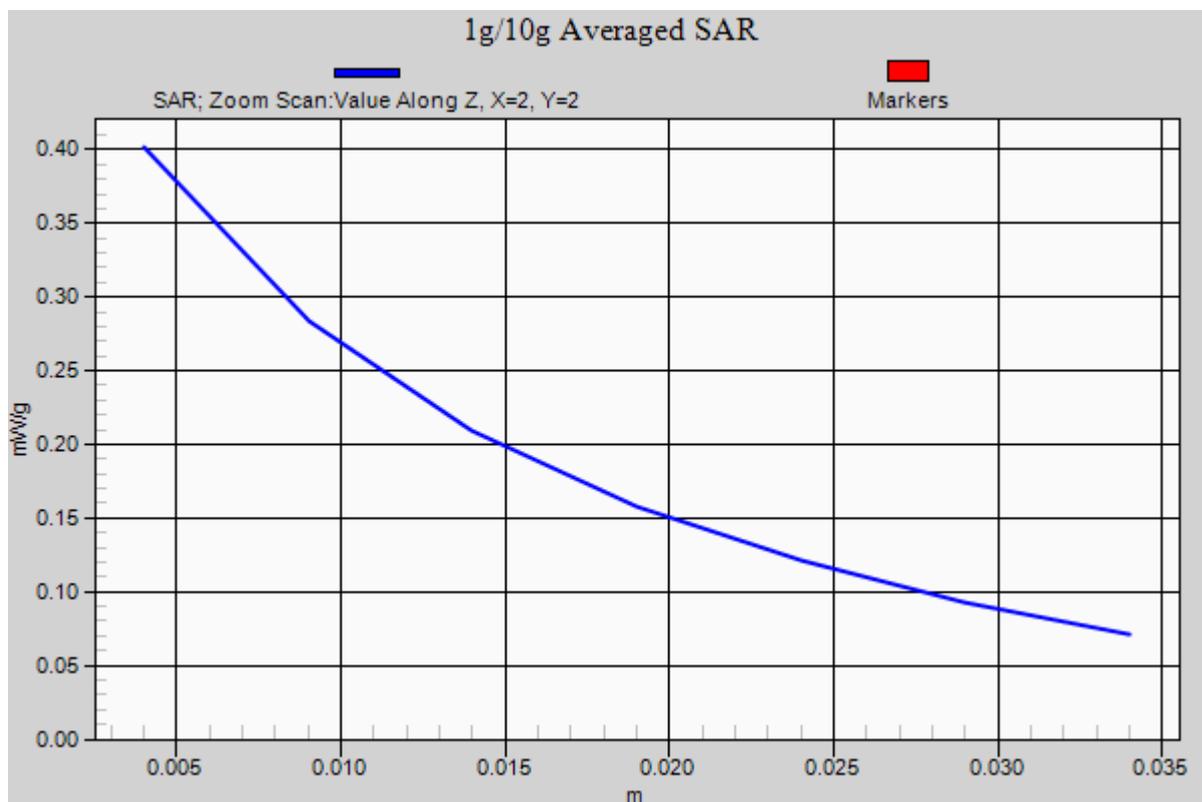Maximum value of SAR (interpolated) = 0.384 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.47 V/m; Power Drift = 0.101 dB
Peak SAR (extrapolated) = 0.546 W/kg
SAR(1 g) = 0.373 mW/g; SAR(10 g) = 0.261 mW/g
Maximum value of SAR (measured) = 0.401 mW/g

#08 GSM850_Left Tilted_Ch189_Slide Up

DUT: 981929

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_090917 Medium parameters used: f = 836.4 MHz; σ = 0.918 mho/m; ε_r = 41.7; ρ = 1000

kg/m^3
Ambient Temperature 22.7 ; Liquid Temperature 21.3

DASY5 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(5.58, 5.58, 5.58); Calibrated: 2009/6/22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2009/6/23
- Phantom: SAM - Front; Type: SAM; Serial: TP-1446
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch189/Area Scan (51x111x1): Measurement grid: dx=15mm, dy=15mm
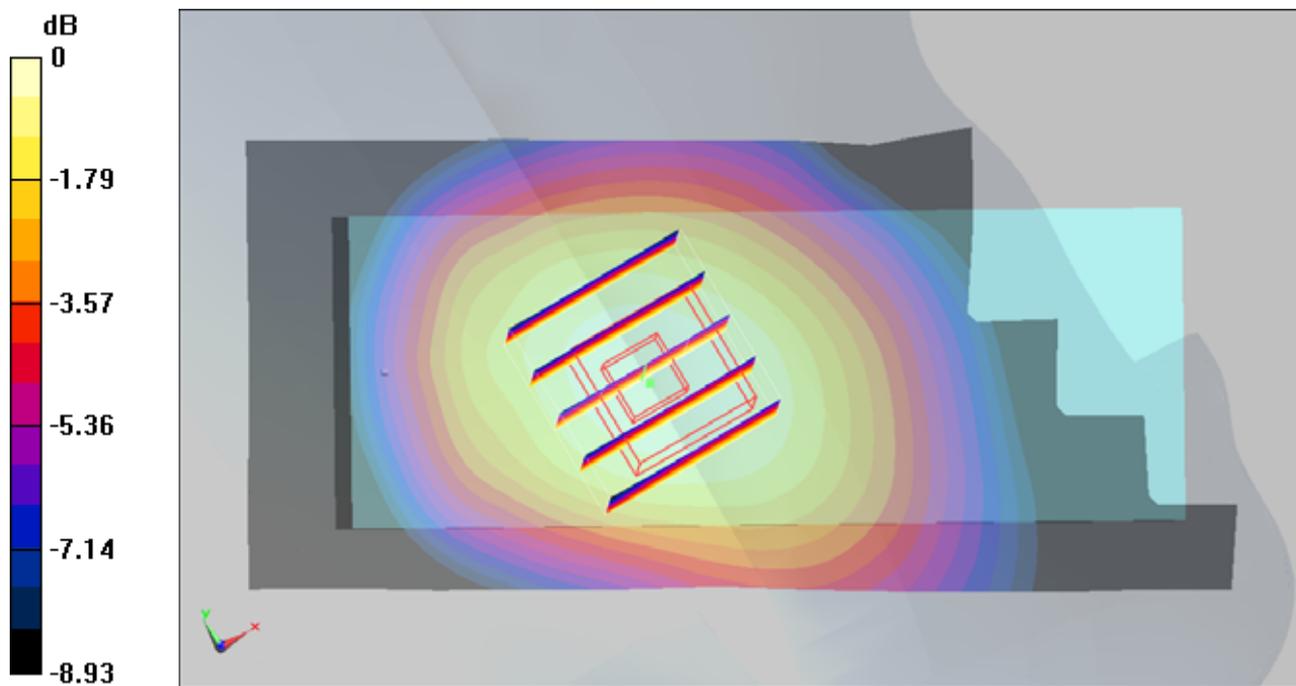Maximum value of SAR (interpolated) = 0.180 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.9 V/m; Power Drift = 0.018 dB
Peak SAR (extrapolated) = 0.214 W/kg
SAR(1 g) = 0.170 mW/g; SAR(10 g) = 0.127 mW/g
Maximum value of SAR (measured) = 0.180 mW/g

0 dB = 0.180mW/g

#19 GSM1900_Right Cheek_Ch512_Slide Off

DUT: 981929

Communication System: PCS; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_090917 Medium parameters used: f = 1850.2 MHz; σ = 1.38 mho/m; ε_r = 39.2; ρ = 1000

kg/m^3
Ambient Temperature 22.4 ; Liquid Temperature 21.1

DASY5 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(4.63, 4.63, 4.63); Calibrated: 2009/6/22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2009/6/23
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch512/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
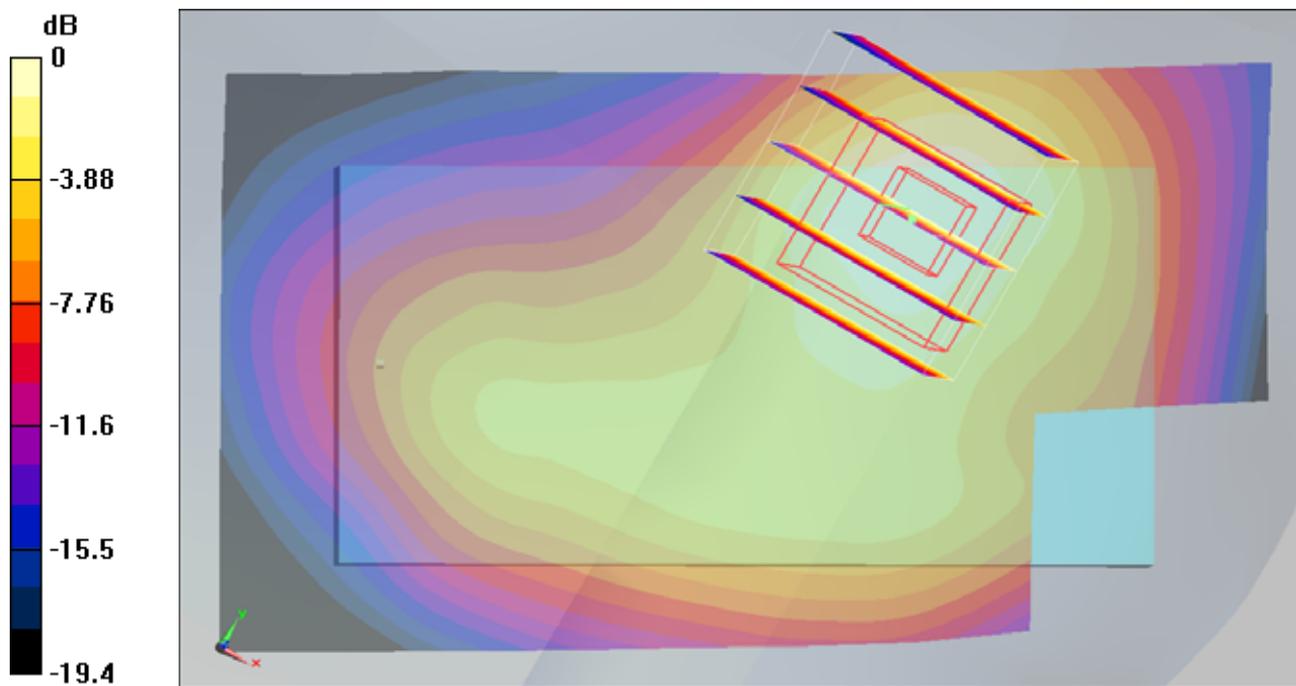Maximum value of SAR (interpolated) = 0.366 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.24 V/m; Power Drift = -0.177 dB
Peak SAR (extrapolated) = 0.531 W/kg
SAR(1 g) = 0.322 mW/g; SAR(10 g) = 0.183 mW/g
Maximum value of SAR (measured) = 0.354 mW/g

0 dB = 0.354mW/g

#19 GSM1900_Right Cheek_Ch512_Slide Off_2D

DUT: 981929

Communication System: PCS; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_090917 Medium parameters used: f = 1850.2 MHz; σ = 1.38 mho/m; ε_r = 39.2; ρ = 1000

kg/m^3
Ambient Temperature 22.4 ; Liquid Temperature 21.2

DASY5 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(4.63, 4.63, 4.63); Calibrated: 2009/6/22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2009/6/23
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch512/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
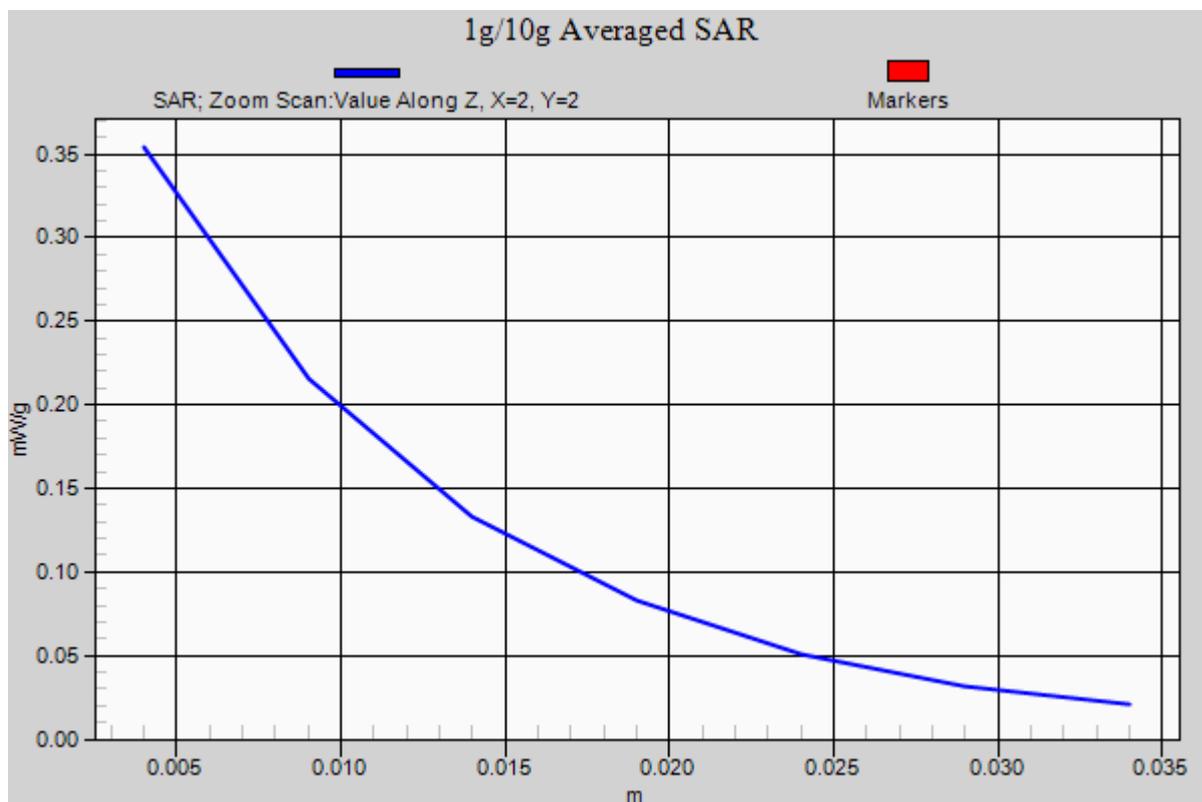Maximum value of SAR (interpolated) = 0.366 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.24 V/m; Power Drift = -0.177 dB
Peak SAR (extrapolated) = 0.531 W/kg
SAR(1 g) = 0.322 mW/g; SAR(10 g) = 0.183 mW/g
Maximum value of SAR (measured) = 0.354 mW/g

#12 GSM1900_Right Tilted_Ch661_Slide Off

DUT: 981929

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_090917 Medium parameters used: f = 1880 MHz; σ = 1.41 mho/m; ε_r = 39; ρ = 1000

kg/m^3
Ambient Temperature 22.4 ; Liquid Temperature 21.1

DASY5 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(4.63, 4.63, 4.63); Calibrated: 2009/6/22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2009/6/23
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch661/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
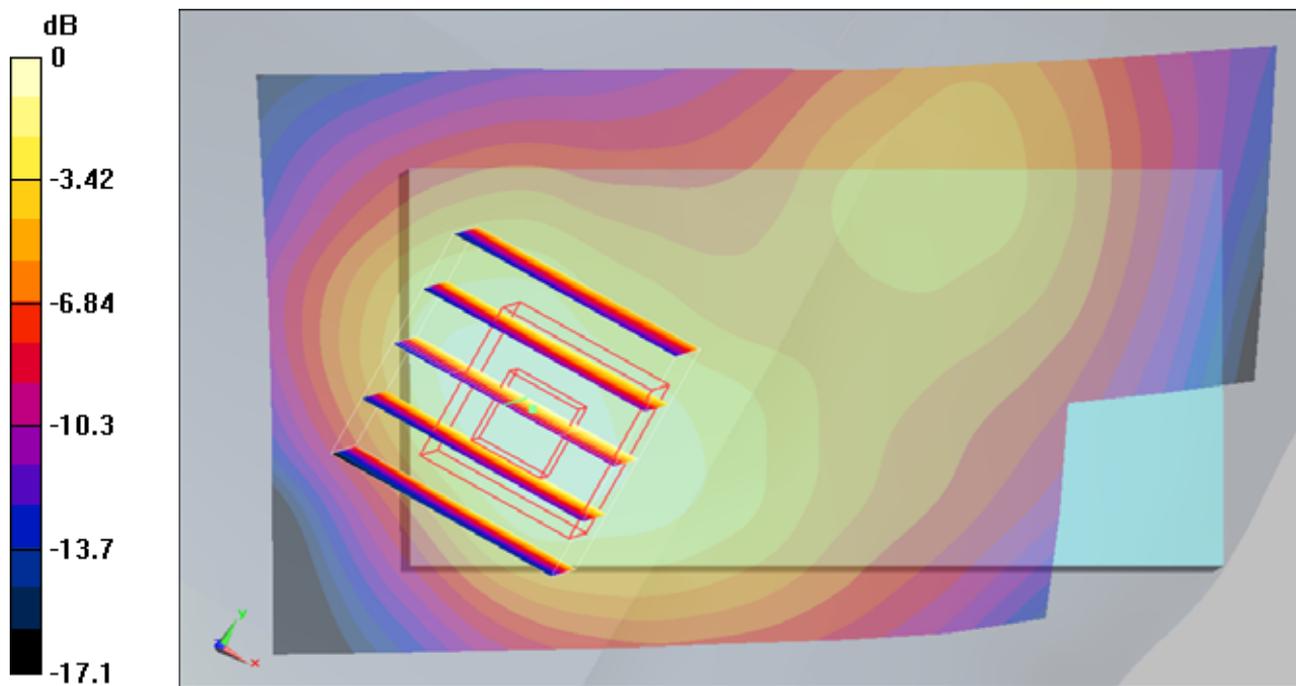Maximum value of SAR (interpolated) = 0.134 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.15 V/m; Power Drift = 0.116 dB
Peak SAR (extrapolated) = 0.195 W/kg
SAR(1 g) = 0.121 mW/g; SAR(10 g) = 0.071 mW/g
Maximum value of SAR (measured) = 0.129 mW/g

dB
0

−3.42

−6.84

−10.3

−13.7

−17.1

0 dB = 0.129mW/g

#13 GSM1900_Left Cheek_Ch661_Slide Off

DUT: 981929

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_090917 Medium parameters used: f = 1880 MHz; σ = 1.41 mho/m; ε_r = 39; ρ = 1000

kg/m^3
Ambient Temperature 22.4 ; Liquid Temperature 21.1

DASY5 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(4.63, 4.63, 4.63); Calibrated: 2009/6/22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2009/6/23
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch661/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
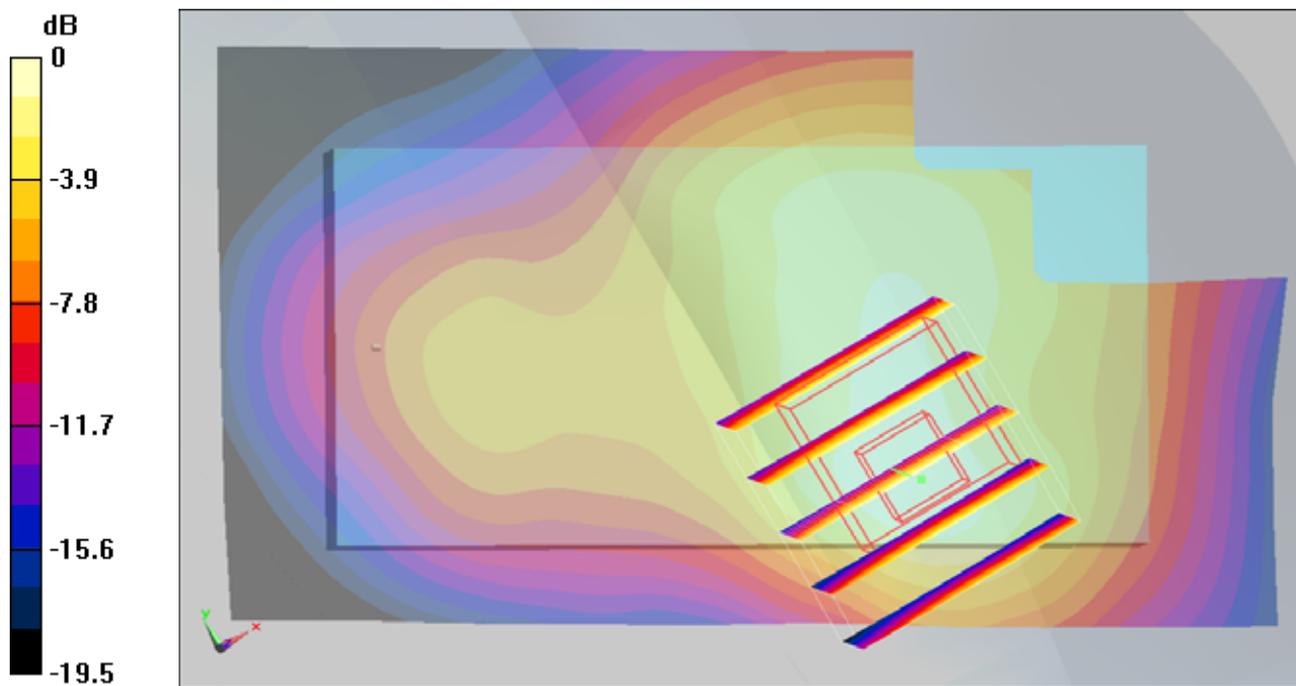Maximum value of SAR (interpolated) = 0.315 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.26 V/m; Power Drift = -0.115 dB
Peak SAR (extrapolated) = 0.466 W/kg
SAR(1 g) = 0.273 mW/g; SAR(10 g) = 0.155 mW/g
Maximum value of SAR (measured) = 0.307 mW/g

0 dB = 0.307mW/g

#14 GSM1900_Left Tilted_Ch661_Slide Off

DUT: 981929

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_090917 Medium parameters used: f = 1880 MHz; σ = 1.41 mho/m; ε_r = 39; ρ = 1000

kg/m^3
Ambient Temperature 22.4 ; Liquid Temperature 21.1

DASY5 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(4.63, 4.63, 4.63); Calibrated: 2009/6/22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2009/6/23
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch661/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
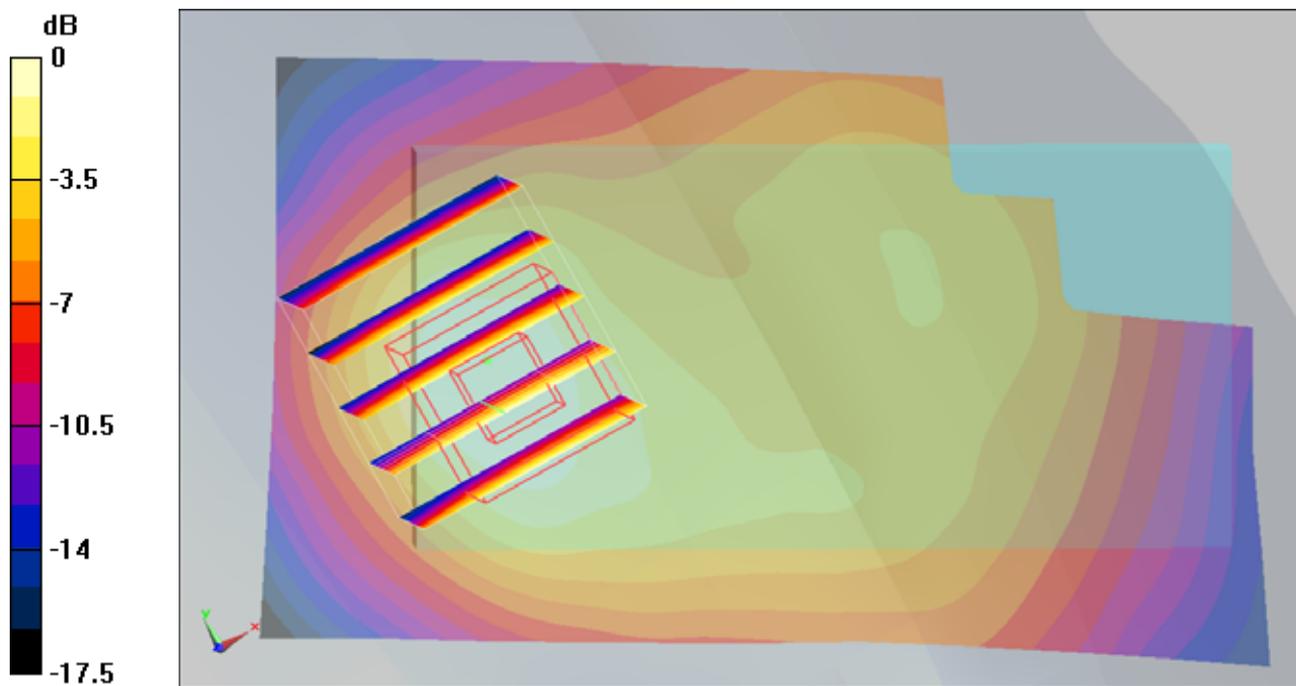Maximum value of SAR (interpolated) = 0.103 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.08 V/m; Power Drift = 0.068 dB
Peak SAR (extrapolated) = 0.153 W/kg
SAR(1 g) = 0.093 mW/g; SAR(10 g) = 0.054 mW/g
Maximum value of SAR (measured) = 0.101 mW/g

0 dB = 0.101mW/g

#29 GSM850_GPRS12_Face_2cm_Ch189

DUT: 981929

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:2
Medium: MSL_850_090929 Medium parameters used : f = 836.4 MHz; σ = 0.985 mho/m; ε$_r$ = 54.4;

ρ = 1000 kg/m^3
Ambient Temperature   22.5   ; Liquid Temperature   21.5

DASY4 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(5.59, 5.59, 5.59); Calibrated: 2009/6/22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch189/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
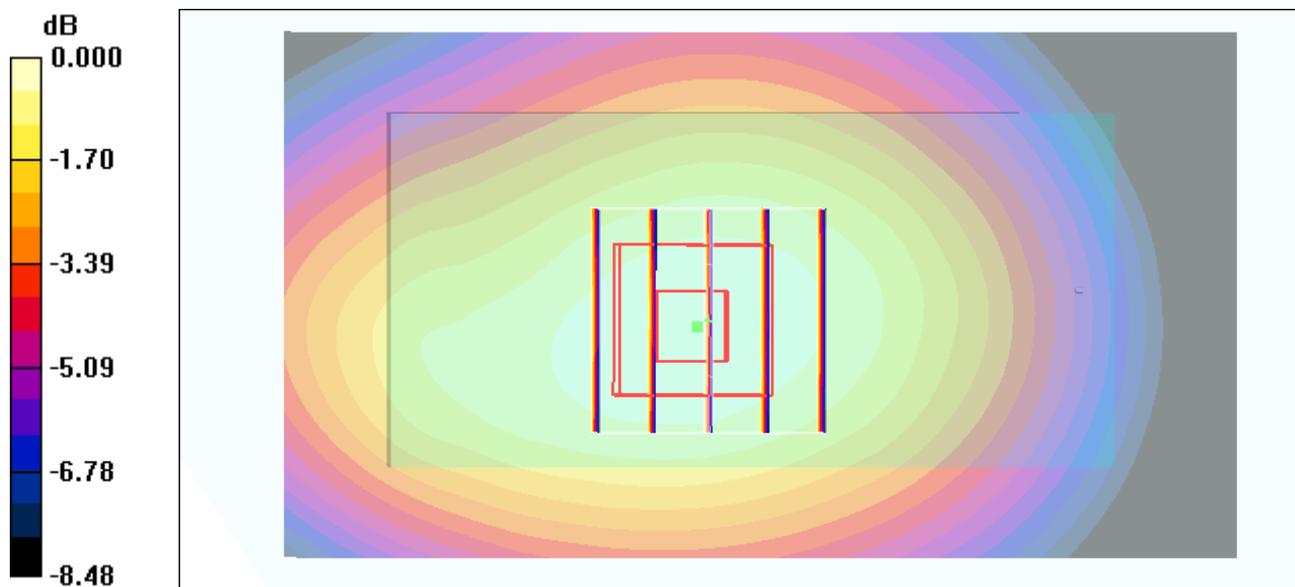Maximum value of SAR (interpolated) = 0.146 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.68 V/m; Power Drift = 0.138 dB
Peak SAR (extrapolated) = 0.184 W/kg
SAR(1 g) = 0.141 mW/g; SAR(10 g) = 0.105 mW/g
Maximum value of SAR (measured) = 0.148 mW/g

0 dB = 0.148mW/g

#32 GSM850_GPRS12_Bottom_2cm_Ch251

DUT: 981929

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:2
Medium: MSL_850_090929 Medium parameters used: f = 849 MHz; σ = 0.998 mho/m; ε_r = 54.2; ρ = 1000 kg/m^3
Ambient Temperature 22.5   ; Liquid Temperature 21.5

DASY4 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(5.59, 5.59, 5.59); Calibrated: 2009/6/22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
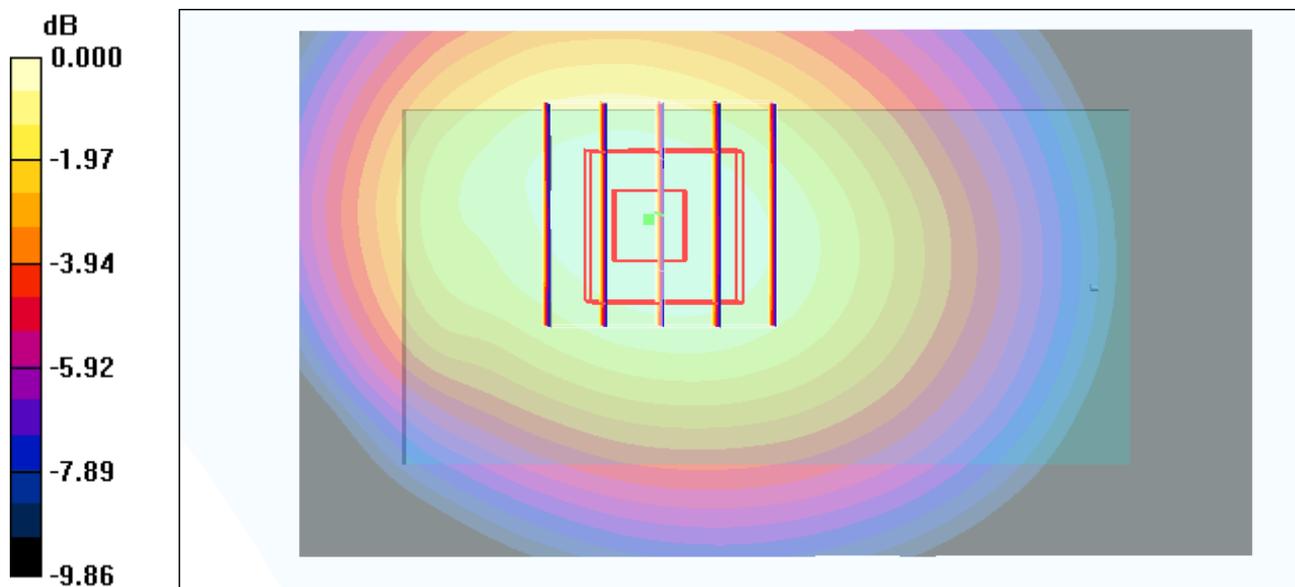Maximum value of SAR (interpolated) = 0.898 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.5 V/m; Power Drift = -0.009 dB
Peak SAR (extrapolated) = 1.13 W/kg
SAR(1 g) = 0.846 mW/g; SAR(10 g) = 0.599 mW/g
Maximum value of SAR (measured) = 0.897 mW/g

0 dB = 0.897mW/g

#32 GSM850_GPRS12_Bottom_2cm_Ch251_2D

DUT: 981929

Communication System: GSM850; Frequency: 848.8 MHz;Duty Cycle: 1:2
Medium: MSL_850_090929 Medium parameters used: f = 849 MHz; σ = 0.998 mho/m; ε_r = 54.2; ρ = 1000 kg/m^3
Ambient Temperature   22.5   ; Liquid Temperature   21.5

DASY4 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(5.59, 5.59, 5.59); Calibrated: 2009/6/22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: SAM-Right; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch251/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
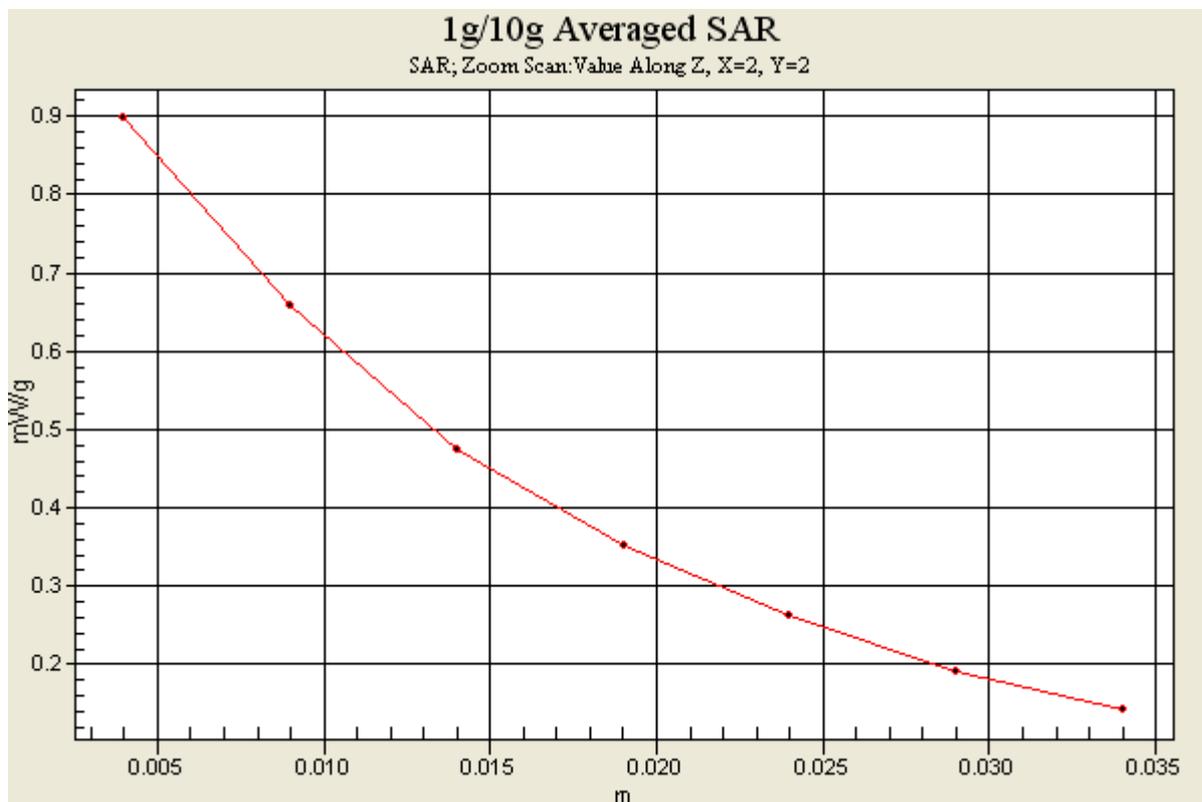Maximum value of SAR (interpolated) = 0.898 mW/g

Ch251/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.5 V/m; Power Drift = -0.009 dB
Peak SAR (extrapolated) = 1.13 W/kg
SAR(1 g) = 0.846 mW/g; SAR(10 g) = 0.599 mW/g
Maximum value of SAR (measured) = 0.897 mW/g

#33 GSM1900_GPRS12_Face_2cm_Ch661

DUT: 981929

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:2
Medium: MSL_1900_090929 Medium parameters used: f = 1880 MHz; σ = 1.52 mho/m; ε$_r$ = 52.4; ρ

= 1000 kg/m^3
Ambient Temperature 22.5 ; Liquid Temperature 21.4

DASY4 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(4.26, 4.26, 4.26); Calibrated: 2009/6/22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch661/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
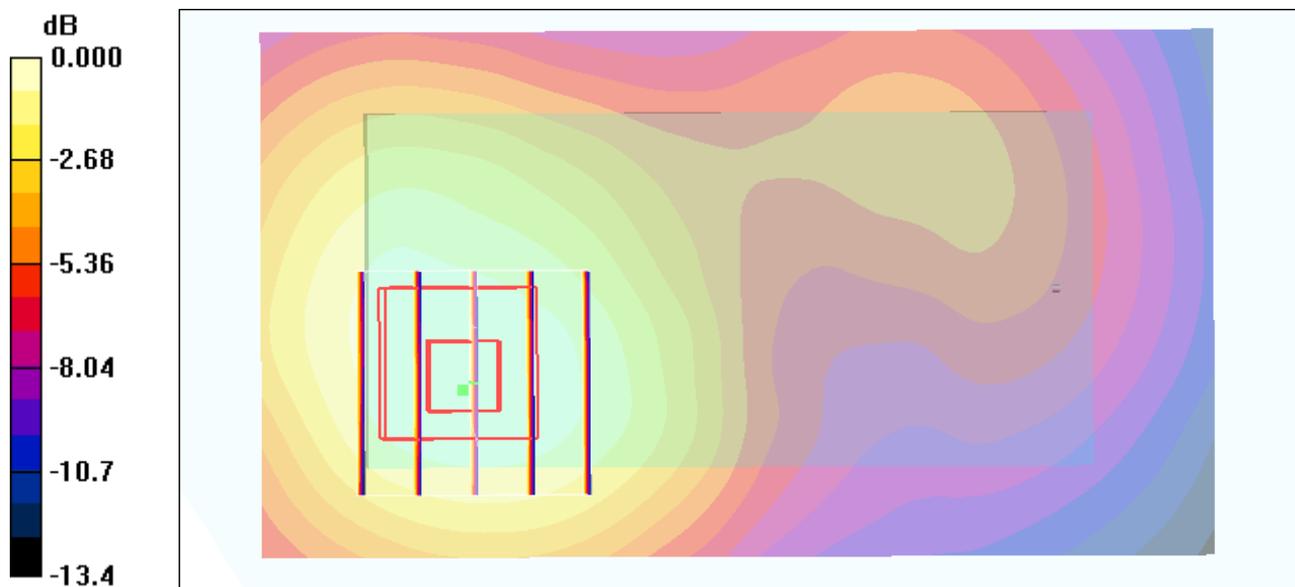Maximum value of SAR (interpolated) = 0.190 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.58 V/m; Power Drift = 0.066 dB
Peak SAR (extrapolated) = 0.257 W/kg
SAR(1 g) = 0.178 mW/g; SAR(10 g) = 0.117 mW/g
Maximum value of SAR (measured) = 0.191 mW/g

0 dB = 0.191mW/g

#35 GSM1900_GPRS12_Bottom_2cm_Ch512

DUT: 981929

Communication System: PCS; Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_090929 Medium parameters used : f = 1850.2 MHz; σ = 1.49 mho/m; ε_r = 52.5;

ρ = 1000 kg/m^3
Ambient Temperature   22.5   ; Liquid Temperature   21.4

DASY4 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(4.26, 4.26, 4.26); Calibrated: 2009/6/22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch512/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
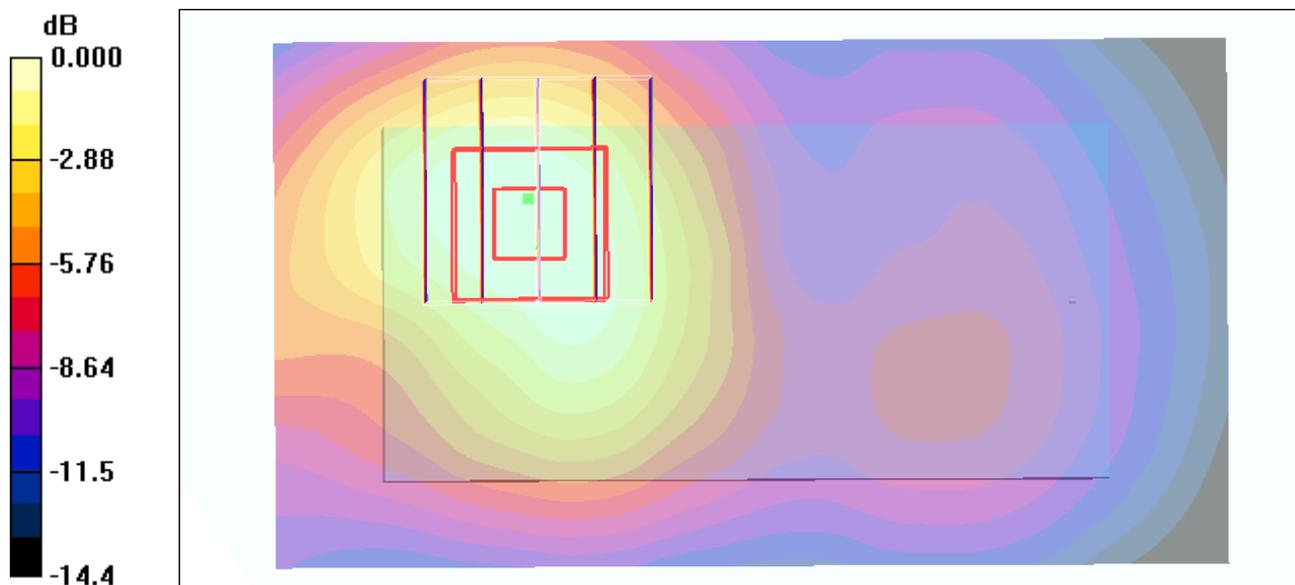Maximum value of SAR (interpolated) = 0.329 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.54 V/m; Power Drift = -0.119 dB
Peak SAR (extrapolated) = 0.439 W/kg
SAR(1 g) = 0.288 mW/g; SAR(10 g) = 0.177 mW/g
Maximum value of SAR (measured) = 0.309 mW/g

0 dB = 0.309mW/g

#35 GSM1900_GPRS12_Bottom_2cm_Ch512_2D

DUT: 981929

Communication System: PCS; Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_090929 Medium parameters used : f = 1850.2 MHz; σ = 1.49 mho/m; ε_r =

52.5; ρ = 1000 kg/m^3
Ambient Temperature   22.5   ; Liquid Temperature   21.4

DASY4 Configuration:
- Probe: ES3DV3 - SN3071; ConvF(4.26, 4.26, 4.26); Calibrated: 2009/6/22
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: SAM-Left; Type: QD 000 P40 C; Serial: TP-1477
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch512/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.329 mW/g

Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.54 V/m; Power Drift = -0.119 dB
Peak SAR (extrapolated) = 0.439 W/kg
SAR(1 g) = 0.288 mW/g; SAR(10 g) = 0.177 mW/g
Maximum value of SAR (measured) = 0.309 mW/g