### #19 GSM850_Right Cheek_Ch128

### DUT: 9O2902-01

Communication System: Generic GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_100626 Medium parameters used: f = 824.2 MHz; σ = 0.919 mho/m; $\varepsilon_r$ = 41.9; ρ =

1000 kg/m$^3$
Ambient Temperature : 23.7 °C;  Liquid Temperature : 21.6 °C

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 57

### Ch128/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
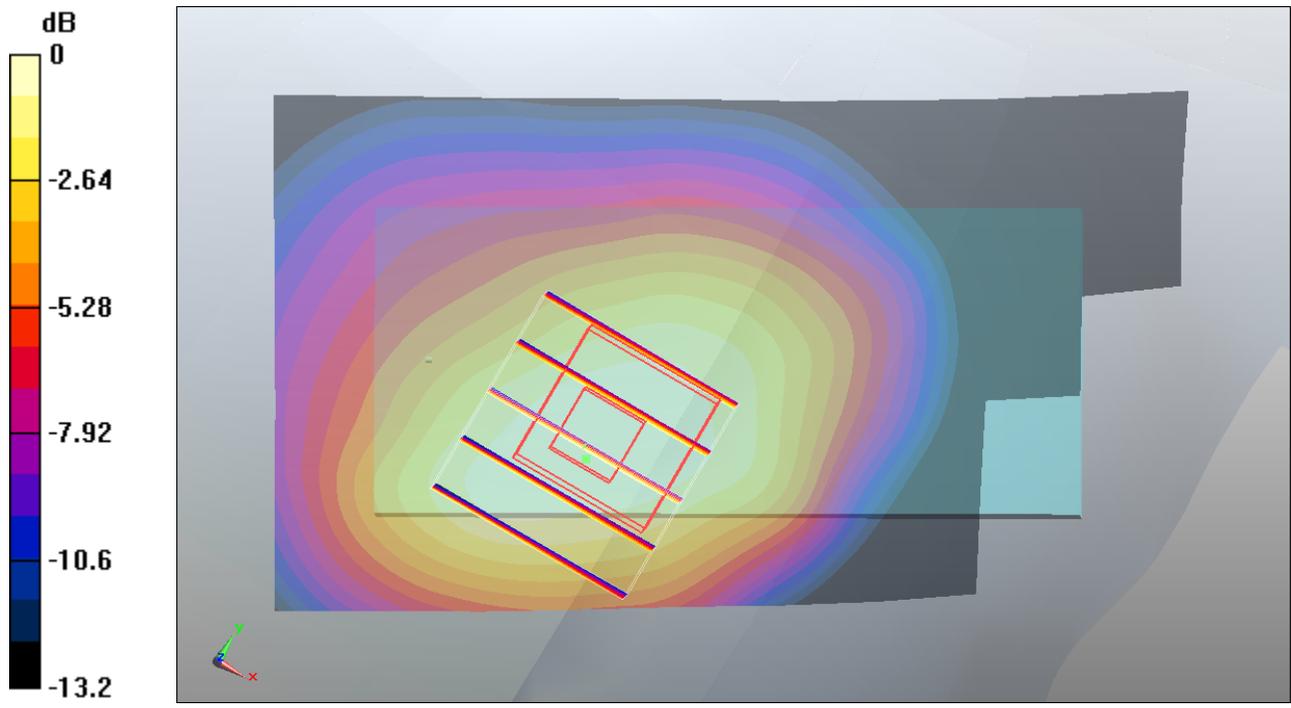Maximum value of SAR (interpolated) = 1.54 mW/g

### Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.3 V/m; Power Drift = -0.091 dB
Peak SAR (extrapolated) = 2.08 W/kg
**SAR(1 g) = 1.44 mW/g; SAR(10 g) = 0.963 mW/g**
Maximum value of SAR (measured) = 1.53 mW/g

0 dB = 1.53mW/g

**#19 GSM850_Right Cheek_Ch128_2D**

**DUT: 9O2902-01**

Communication System: Generic GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_100626 Medium parameters used: f = 824.2 MHz; σ = 0.919 mho/m; $\varepsilon_r$ = 41.9; ρ =

1000 kg/m$^3$
Ambient Temperature : 23.7 °C;  Liquid Temperature : 21.6 °C

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 57

**Ch128/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.54 mW/g

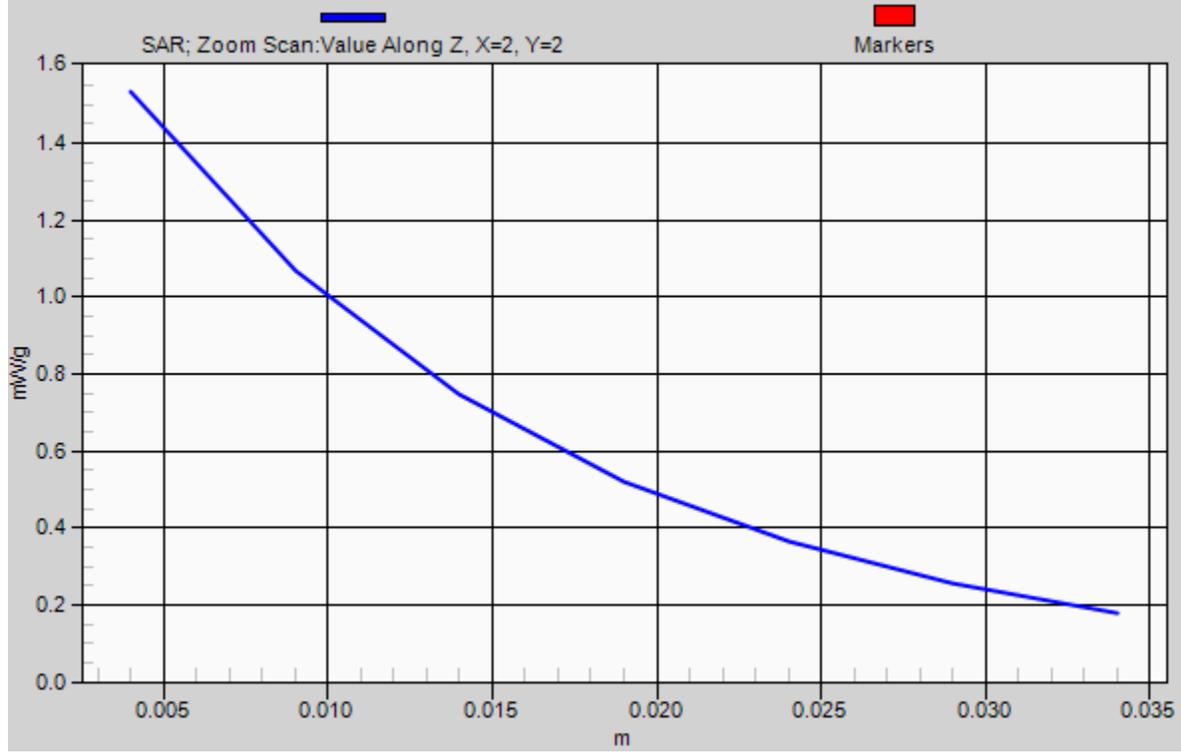**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.3 V/m; Power Drift = -0.091 dB
Peak SAR (extrapolated) = 2.08 W/kg
**SAR(1 g) = 1.44 mW/g; SAR(10 g) = 0.963 mW/g**
Maximum value of SAR (measured) = 1.53 mW/g

1g/10g Averaged SAR

**#21 GSM850_Right Tilted_Ch128**

**DUT: 9O2902-01**

Communication System: Generic GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_100626 Medium parameters used: f = 824.2 MHz; σ = 0.919 mho/m; $\varepsilon_r$ = 41.9; ρ =

1000 kg/m$^3$
Ambient Temperature : 23.7 °C;  Liquid Temperature : 21.6 °C

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 57

**Ch128/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm
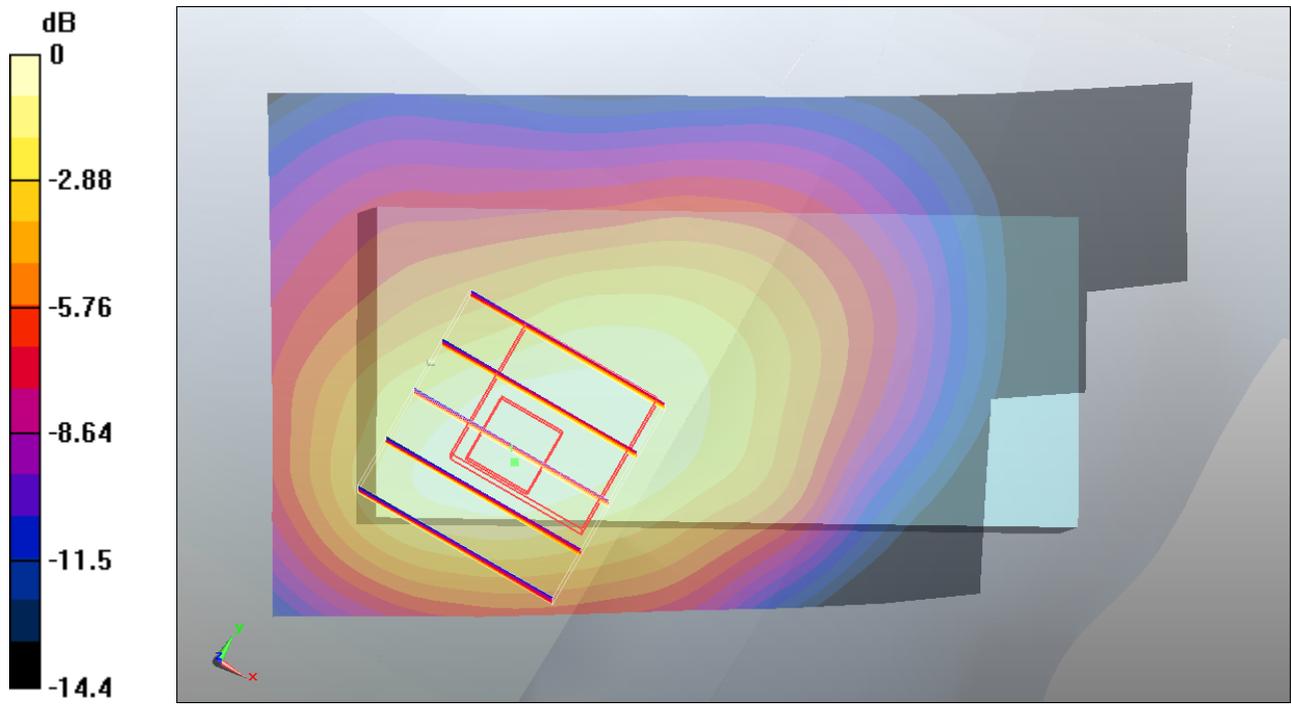Maximum value of SAR (interpolated) = 1.18 mW/g

**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.6 V/m; Power Drift = 0.064 dB
Peak SAR (extrapolated) = 1.78 W/kg
**SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.712 mW/g**
Maximum value of SAR (measured) = 1.19 mW/g

0 dB = 1.19mW/g

**#23 GSM850_Left Cheek_Ch128**

**DUT: 9O2902-01**

Communication System: Generic GSM; Frequency: 824.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_100626 Medium parameters used: f = 824.2 MHz; σ = 0.919 mho/m; $\varepsilon_r$ = 41.9; ρ =

1000 kg/m$^3$
Ambient Temperature : 23.7 °C;  Liquid Temperature : 21.6 °C

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 57

**Ch128/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm
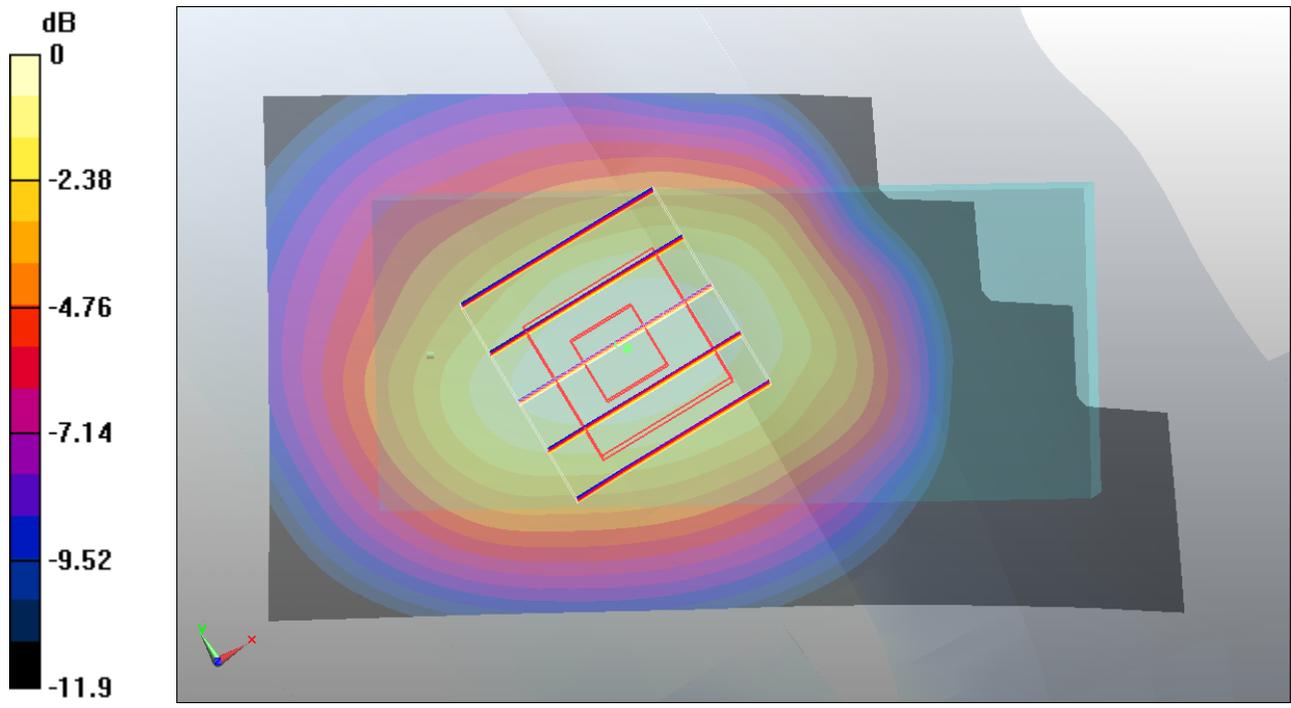Maximum value of SAR (interpolated) = 1.44 mW/g

**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.2 V/m; Power Drift = 0.064 dB
Peak SAR (extrapolated) = 1.83 W/kg
**SAR(1 g) = 1.32 mW/g; SAR(10 g) = 0.893 mW/g**
Maximum value of SAR (measured) = 1.41 mW/g

0 dB = 1.41mW/g

**#18 GSM850_Left Tilted_Ch189**

**DUT: 9O2902-01**

Communication System: Generic GSM; Frequency: 836.6 MHz;Duty Cycle: 1:8.3
Medium: HSL_850_100626 Medium parameters used: f = 836.6 MHz; σ = 0.93 mho/m; $\varepsilon_r$ = 41.8; ρ =

1000 kg/m$^3$
Ambient Temperature : 23.7 °C;  Liquid Temperature : 21.6 °C

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 57

**Ch189/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm
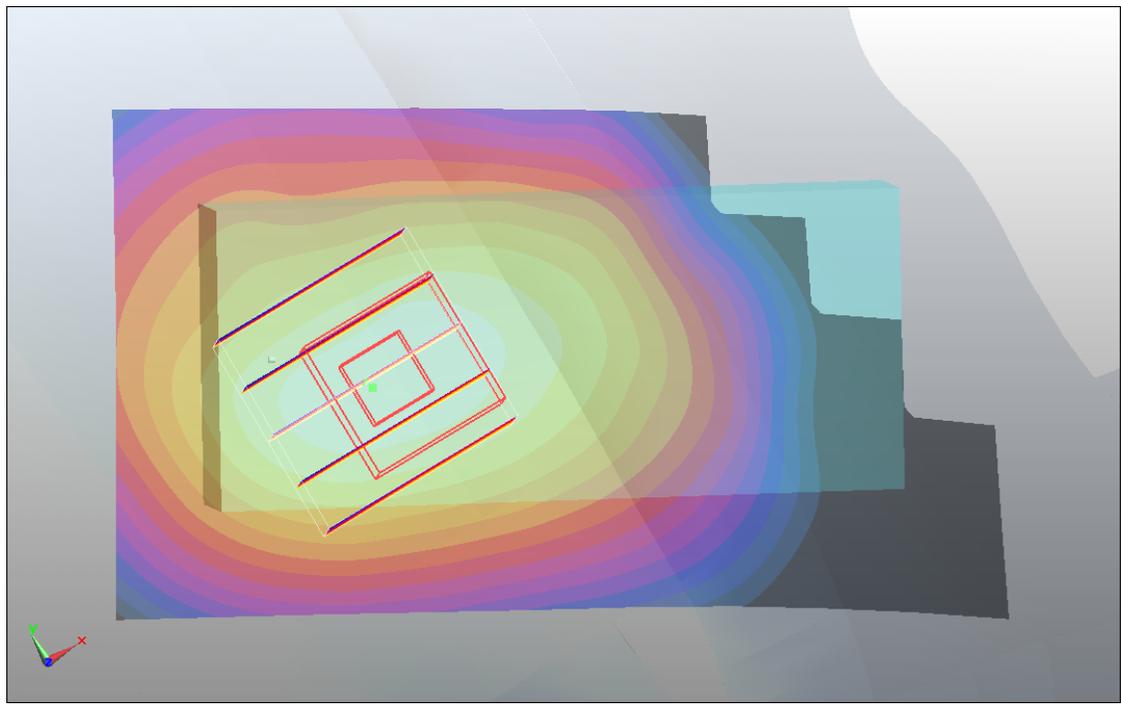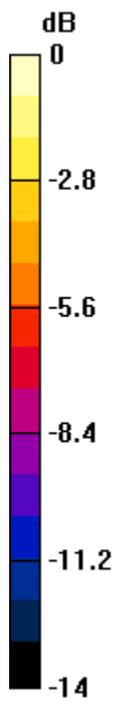Maximum value of SAR (interpolated) = 0.840 mW/g

**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.6 V/m; Power Drift = -0.00676 dB
Peak SAR (extrapolated) = 1.17 W/kg
**SAR(1 g) = 0.793 mW/g; SAR(10 g) = 0.521 mW/g**
Maximum value of SAR (measured) = 0.849 mW/g

0 dB = 0.849mW/g

**#13 GSM1900_Right Cheek_Ch512**

**DUT: 9O2902-01**

Communication System: Generic GSM; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_100625 Medium parameters used: f = 1850.2 MHz; $\sigma$ = 1.37 mho/m; $\varepsilon_r$ = 39.9; $\rho$ =

1000 kg/m$^3$
Ambient Temperature : 23.6 °C;  Liquid Temperature : 21.4 °C

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: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch512/Area Scan (51x91x1):** Measurement grid: dx=15mm, dy=15mm
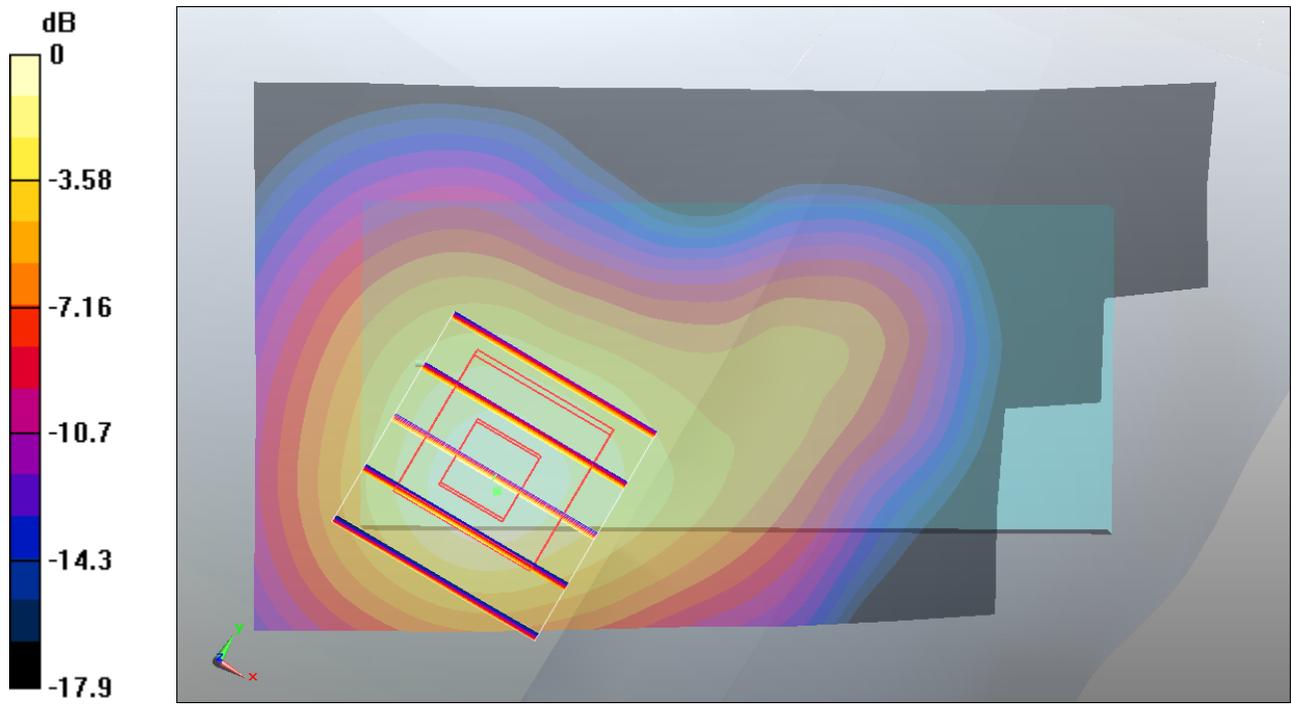Maximum value of SAR (interpolated) = 1.19 mW/g

**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.9 V/m; Power Drift = -0.017 dB
Peak SAR (extrapolated) = 1.86 W/kg
**SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.603 mW/g**
Maximum value of SAR (measured) = 1.21 mW/g

0 dB = 1.21mW/g

### #13 GSM1900_Right Cheek_Ch512_2D

**DUT: 9O2902-01**

Communication System: Generic GSM; Frequency: 1850.2 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_100625 Medium parameters used: f = 1850.2 MHz; $\sigma$ = 1.37 mho/m; $\varepsilon_r$ = 39.9; $\rho$ =

1000 kg/m$^3$
Ambient Temperature : 23.6 °C;  Liquid Temperature : 21.4 °C

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: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

### Ch512/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.19 mW/g

### Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
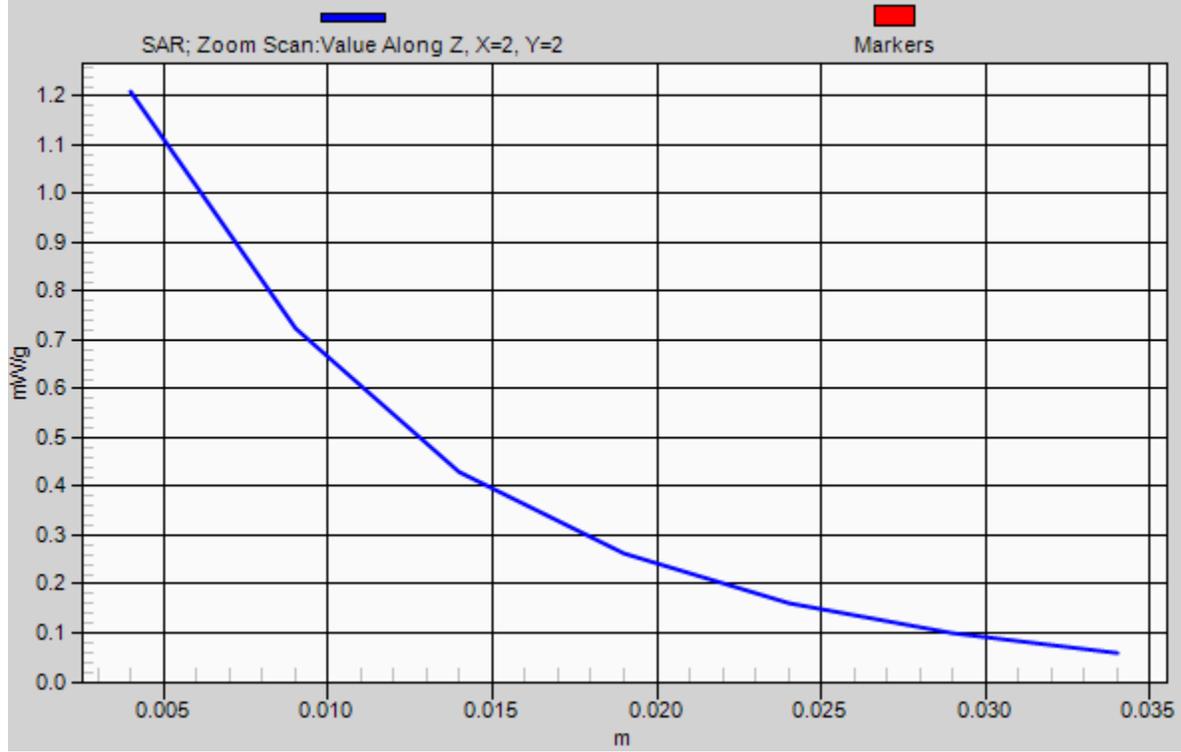Reference Value = 20.9 V/m; Power Drift = -0.017 dB
Peak SAR (extrapolated) = 1.86 W/kg
**SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.603 mW/g**
Maximum value of SAR (measured) = 1.21 mW/g

1g/10g Averaged SAR

### #10 GSM1900_Right Tilted_Ch661

### DUT: 9O2902-01

Communication System: Generic GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_100625 Medium parameters used: f = 1880 MHz; σ = 1.4 mho/m; $\varepsilon_r$ = 39.8; ρ =

1000 kg/m$^3$
Ambient Temperature : 23.6 °C;  Liquid Temperature : 21.4 °C

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: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

### Ch661/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
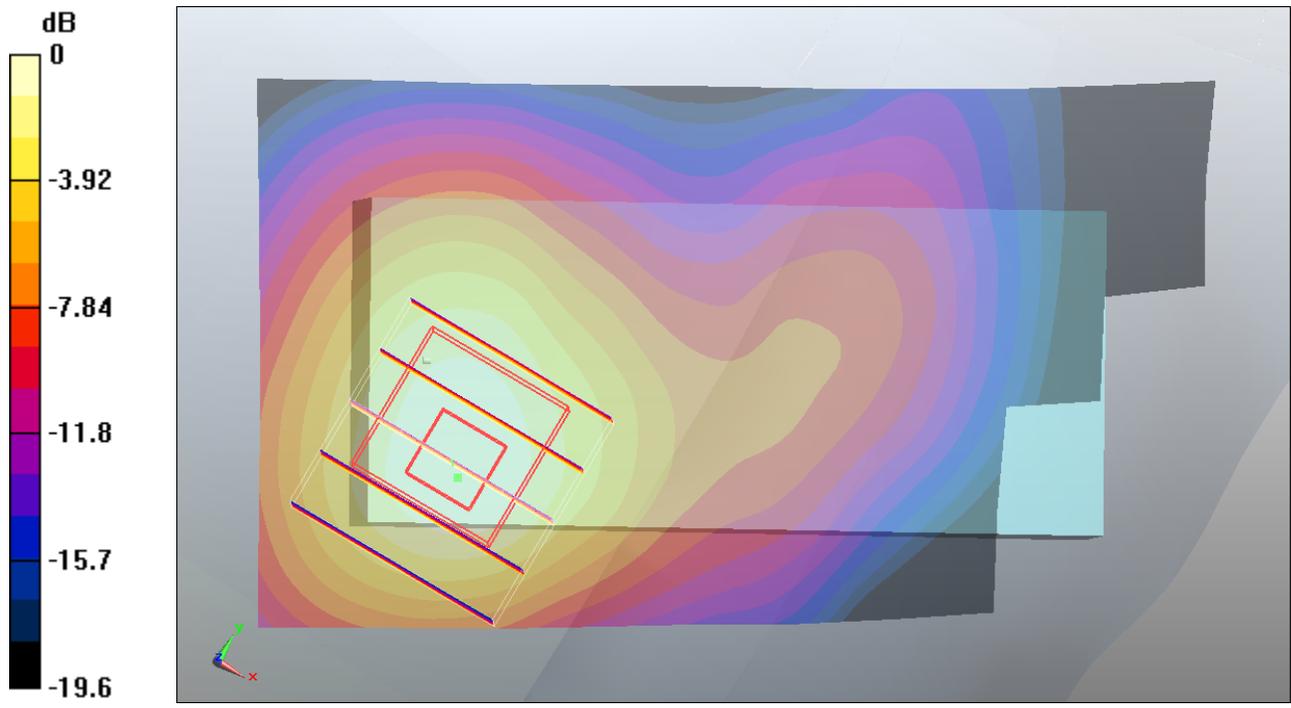Maximum value of SAR (interpolated) = 0.756 mW/g

### Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.6 V/m; Power Drift = -0.104 dB
Peak SAR (extrapolated) = 1.16 W/kg
**SAR(1 g) = 0.670 mW/g; SAR(10 g) = 0.379 mW/g**
Maximum value of SAR (measured) = 0.745 mW/g

0 dB = 0.745mW/g

### #11 GSM1900_Left Cheek_Ch661

### DUT: 9O2902-01

Communication System: Generic GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_100625 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.4 mho/m; $\varepsilon_r$ = 39.8; $\rho$ =

1000 kg/m$^3$
Ambient Temperature : 23.6 °C;  Liquid Temperature : 21.4 °C

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: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

### Ch661/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
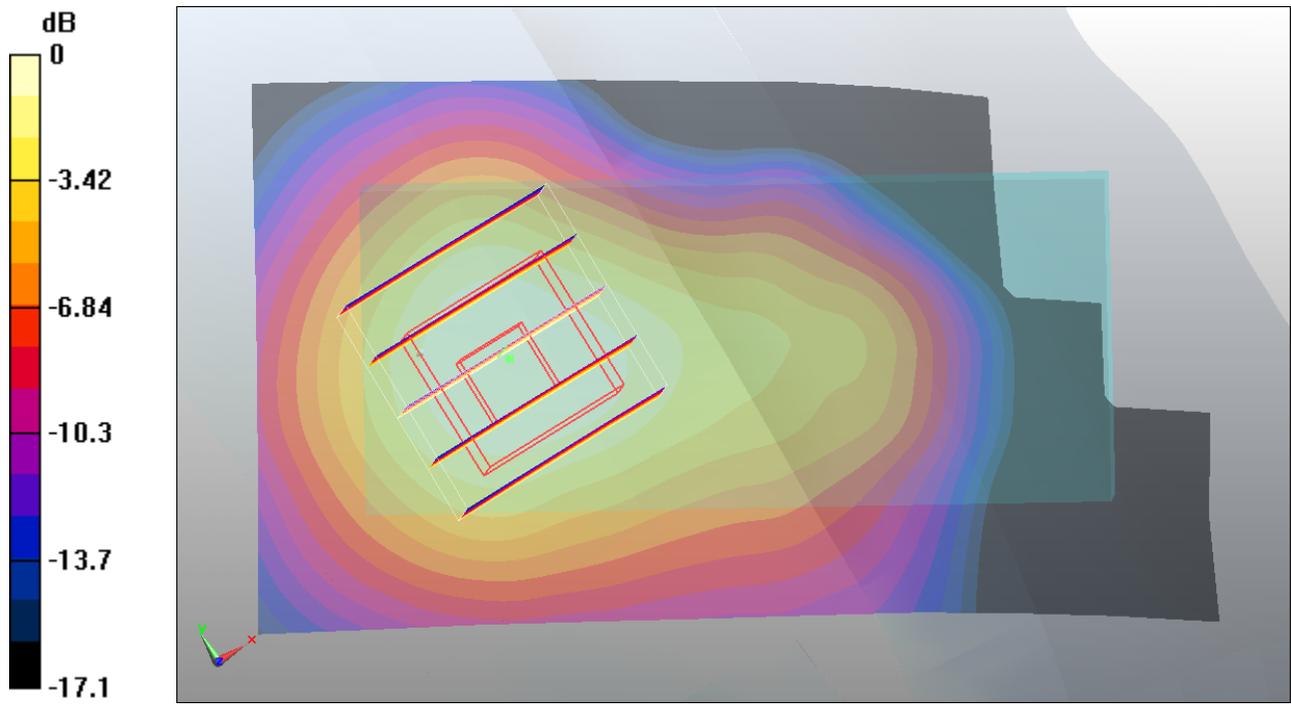Maximum value of SAR (interpolated) = 0.846 mW/g

### Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.6 V/m; Power Drift = 0.025 dB
Peak SAR (extrapolated) = 1.14 W/kg
**SAR(1 g) = 0.728 mW/g; SAR(10 g) = 0.448 mW/g**
Maximum value of SAR (measured) = 0.775 mW/g

0 dB = 0.775mW/g

## #12 GSM1900_Left Tilted_Ch661

**DUT: 9O2902-01**

Communication System: Generic GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: HSL_1900_100625 Medium parameters used: f = 1880 MHz; σ = 1.4 mho/m; $\varepsilon_r$ = 39.8; ρ =

1000 kg/m$^3$
Ambient Temperature : 23.6 °C;  Liquid Temperature : 21.4 °C

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: SAM1; Type: SAM; Serial: TP-1477
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

## Ch661/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm
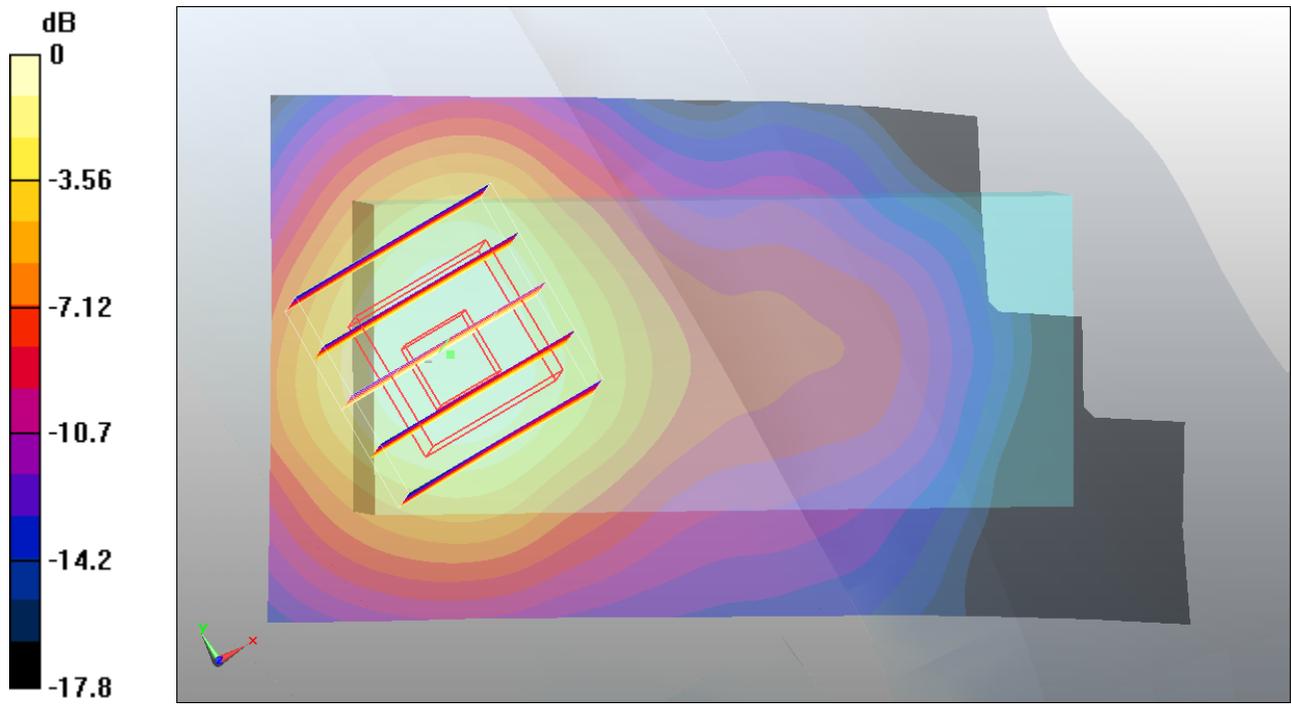Maximum value of SAR (interpolated) = 0.651 mW/g

## Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.5 V/m; Power Drift = -0.016 dB
Peak SAR (extrapolated) = 0.864 W/kg
**SAR(1 g) = 0.550 mW/g; SAR(10 g) = 0.335 mW/g**
Maximum value of SAR (measured) = 0.588 mW/g

0 dB = 0.588mW/g

### #03 GSM850 GPRS12_Bottom_Ch128

**DUT: 9O2902-01**

Communication System: GPRS/EDGE 12; Frequency: 824.2 MHz;Duty Cycle: 1:2
Medium: MSL_850_100621 Medium parameters used: f = 824.2 MHz; $\sigma$ = 0.959 mho/m; $\varepsilon_r$ = 56.2; $\rho$ =

1000 kg/m$^3$
Ambient Temperature : 23.7 °C;  Liquid Temperature : 21.5 °C

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 57

### Ch128/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
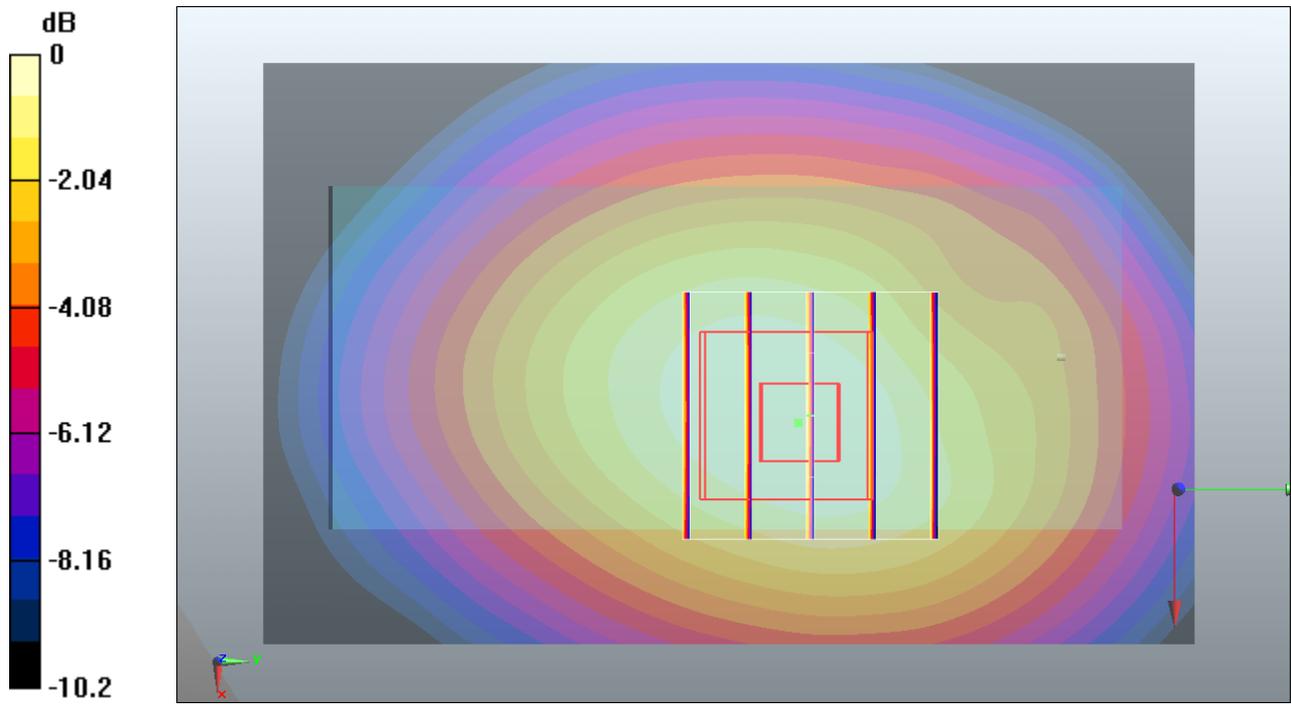Maximum value of SAR (interpolated) = 1.11 mW/g

### Ch128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.6 V/m; Power Drift = -0.144 dB
Peak SAR (extrapolated) = 1.4 W/kg
**SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.720 mW/g**
Maximum value of SAR (measured) = 1.08 mW/g

0 dB = 1.08mW/g

**#03 GSM850 GPRS12_Bottom_Ch128_2D**

**DUT: 9O2902-01**

Communication System: GPRS/EDGE 12; Frequency: 824.2 MHz;Duty Cycle: 1:2
Medium: MSL_850_100621 Medium parameters used: f = 824.2 MHz; σ = 0.959 mho/m; $\varepsilon_r$ = 56.2; ρ =

1000 kg/m$^3$
Ambient Temperature : 23.7 °C;  Liquid Temperature : 21.5 °C

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 57

**Ch128/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.11 mW/g

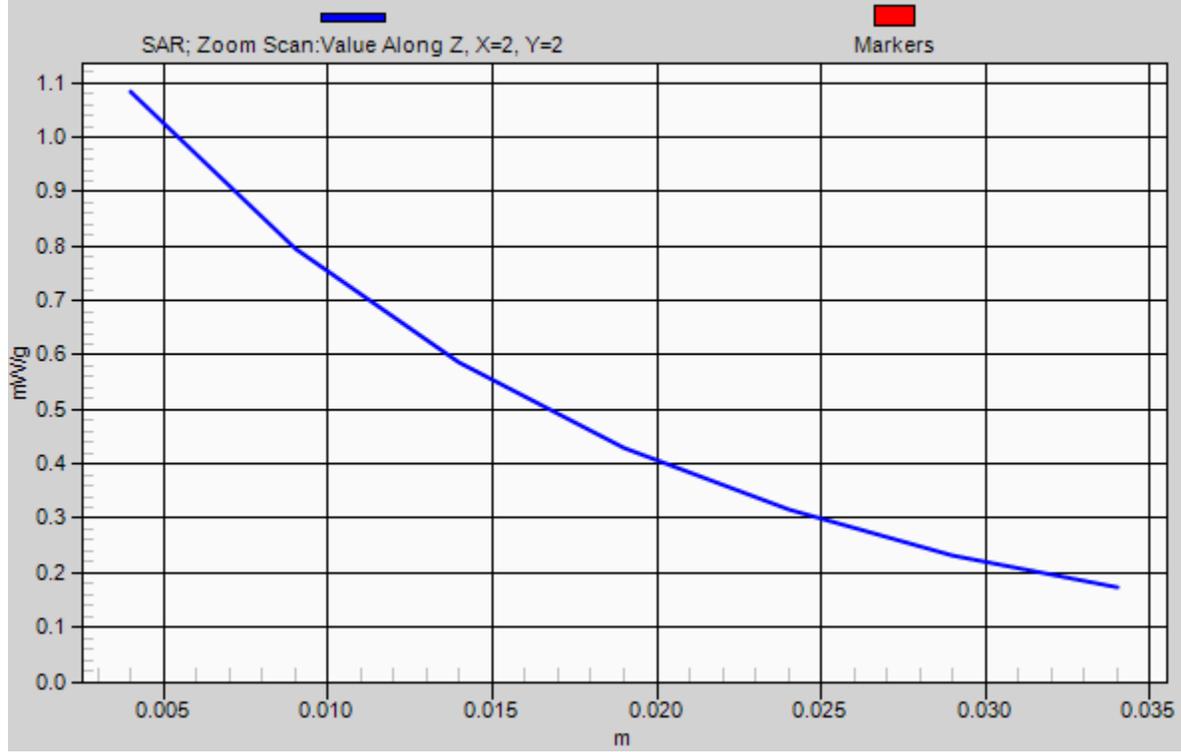**Ch128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.6 V/m; Power Drift = -0.144 dB
Peak SAR (extrapolated) = 1.4 W/kg
**SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.720 mW/g**
Maximum value of SAR (measured) = 1.08 mW/g

1g/10g Averaged SAR

### #02 GSM850 GPRS12_Face_Ch189

**DUT: 9O2902-01**

Communication System: GPRS/EDGE 12; Frequency: 836.4 MHz;Duty Cycle: 1:2
Medium: MSL_850_100621 Medium parameters used: f = 836.4 MHz; σ = 0.97 mho/m; ε$_r$ = 56.1; ρ =

1000 kg/m$^3$
Ambient Temperature : 23.7 °C;  Liquid Temperature : 21.5 °C

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 57

### Ch189/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
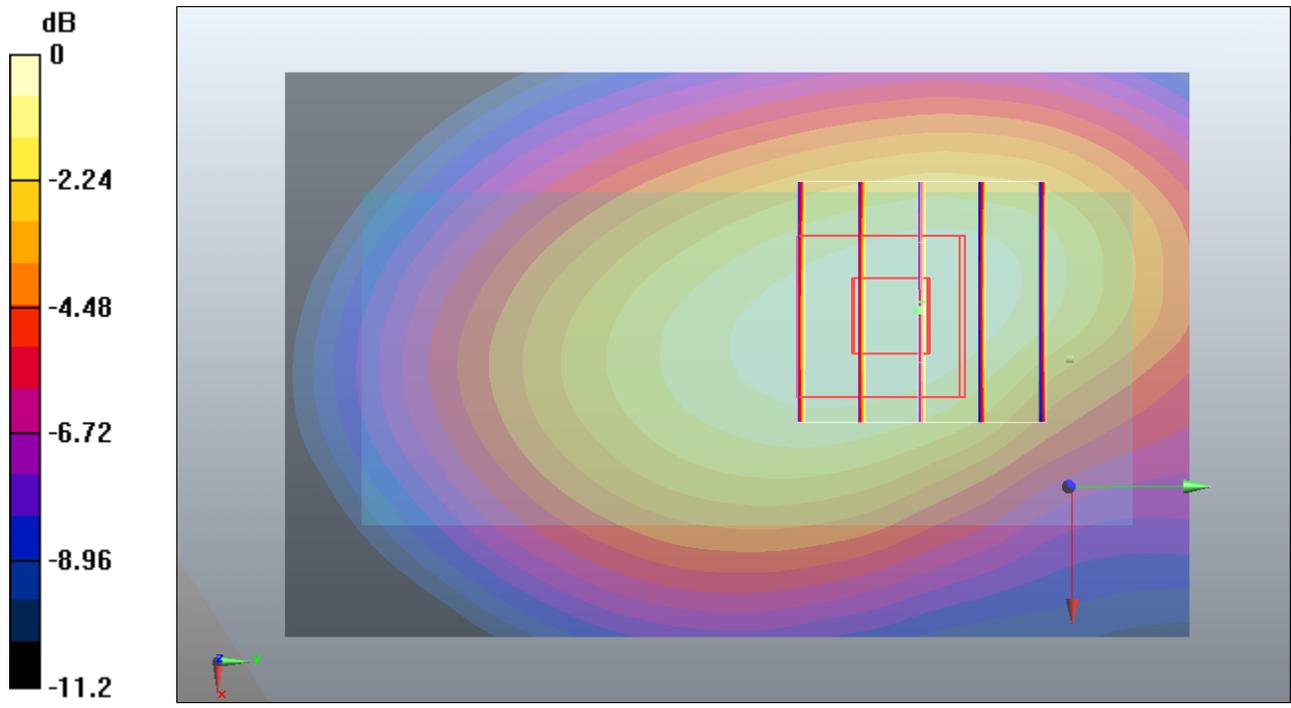Maximum value of SAR (interpolated) = 0.644 mW/g

### Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.5 V/m; Power Drift = 0.019 dB
Peak SAR (extrapolated) = 0.815 W/kg
**SAR(1 g) = 0.596 mW/g; SAR(10 g) = 0.418 mW/g**
Maximum value of SAR (measured) = 0.630 mW/g

0 dB = 0.630mW/g

**#07 GSM1900 GPRS12_Bottom_Ch512**

**DUT: 9O2902-01**

Communication System: GPRS/EDGE 12; Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_100621 Medium parameters used: f = 1850.2 MHz; σ = 1.47 mho/m; $\varepsilon_r$ = 54.8; ρ

= 1000 kg/m$^3$
Ambient Temperature : 23.8 °C;  Liquid Temperature : 21.7 °C

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: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch512/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm
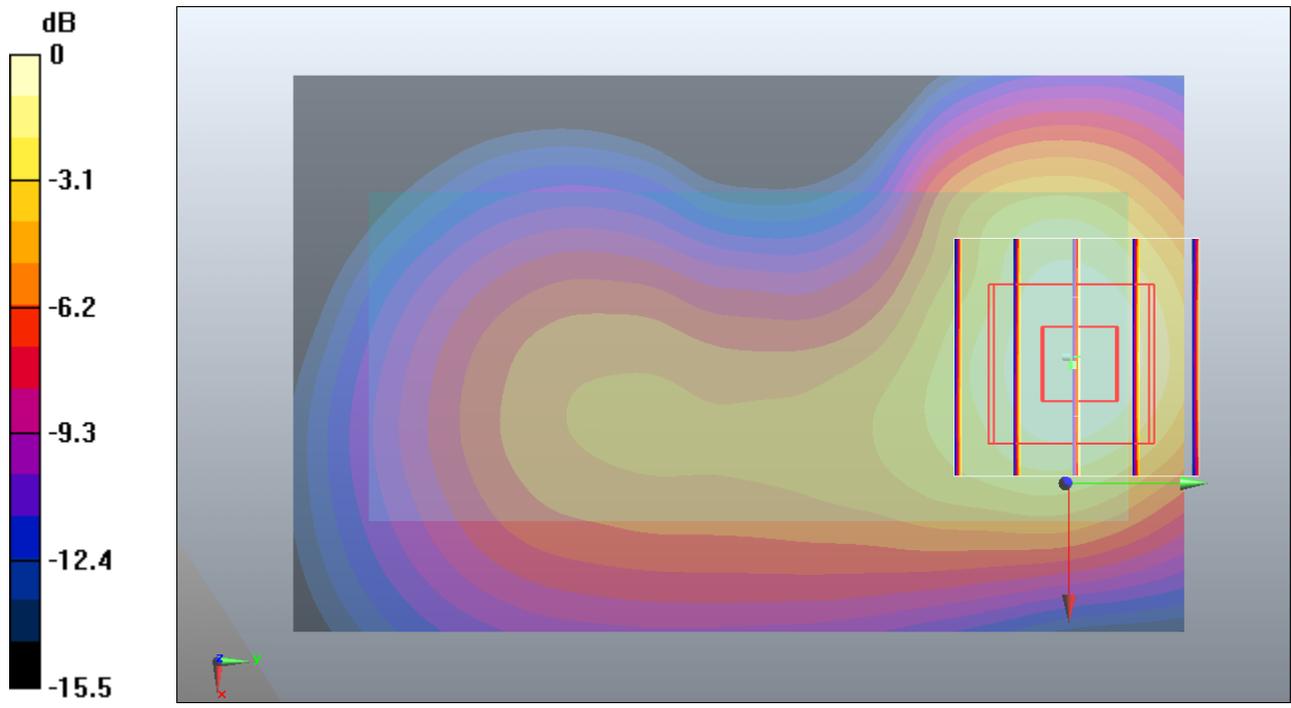Maximum value of SAR (interpolated) = 0.769 mW/g

**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.6 V/m; Power Drift = -0.151 dB
Peak SAR (extrapolated) = 1.09 W/kg
**SAR(1 g) = 0.664 mW/g; SAR(10 g) = 0.389 mW/g**
Maximum value of SAR (measured) = 0.728 mW/g

0 dB = 0.728mW/g

### #07 GSM1900 GPRS12_Bottom_Ch512_2D

**DUT: 9O2902-01**

Communication System: GPRS/EDGE 12; Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: MSL_1900_100621 Medium parameters used: f = 1850.2 MHz; σ = 1.47 mho/m; $\varepsilon_r$ = 54.8; ρ

= 1000 kg/m$^3$
Ambient Temperature : 23.8 °C;  Liquid Temperature : 21.7 °C

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: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

### Ch512/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.769 mW/g

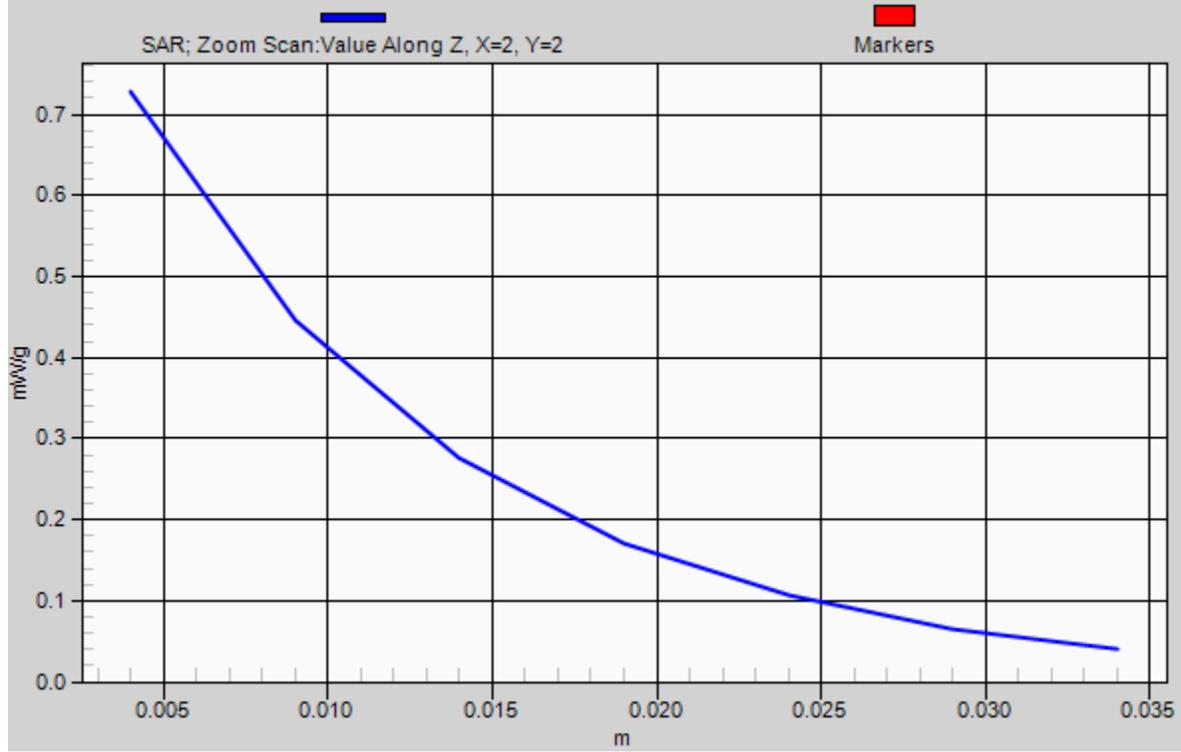### Ch512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.6 V/m; Power Drift = -0.151 dB
Peak SAR (extrapolated) = 1.09 W/kg
**SAR(1 g) = 0.664 mW/g; SAR(10 g) = 0.389 mW/g**
Maximum value of SAR (measured) = 0.728 mW/g

### #06 GSM1900 GPRS12_Face_Ch661

**DUT: 9O2902-01**

Communication System: GPRS/EDGE 12; Frequency: 1880 MHz;Duty Cycle: 1:2
Medium: MSL_1900_100621 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.51 mho/m; $\varepsilon_r$ = 54.7; $\rho$ =

1000 kg/m$^3$
Ambient Temperature : 23.8 °C;  Liquid Temperature : 21.7 °C

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: SAM2; Type: SAM; Serial: TP-1479
- Measurement SW : DASY5, V5.2 Build 162; SEMCAD X Version 14.0 Build 57

**Ch661/Area Scan (51x81x1):** Measurement grid: dx=15mm, dy=15mm
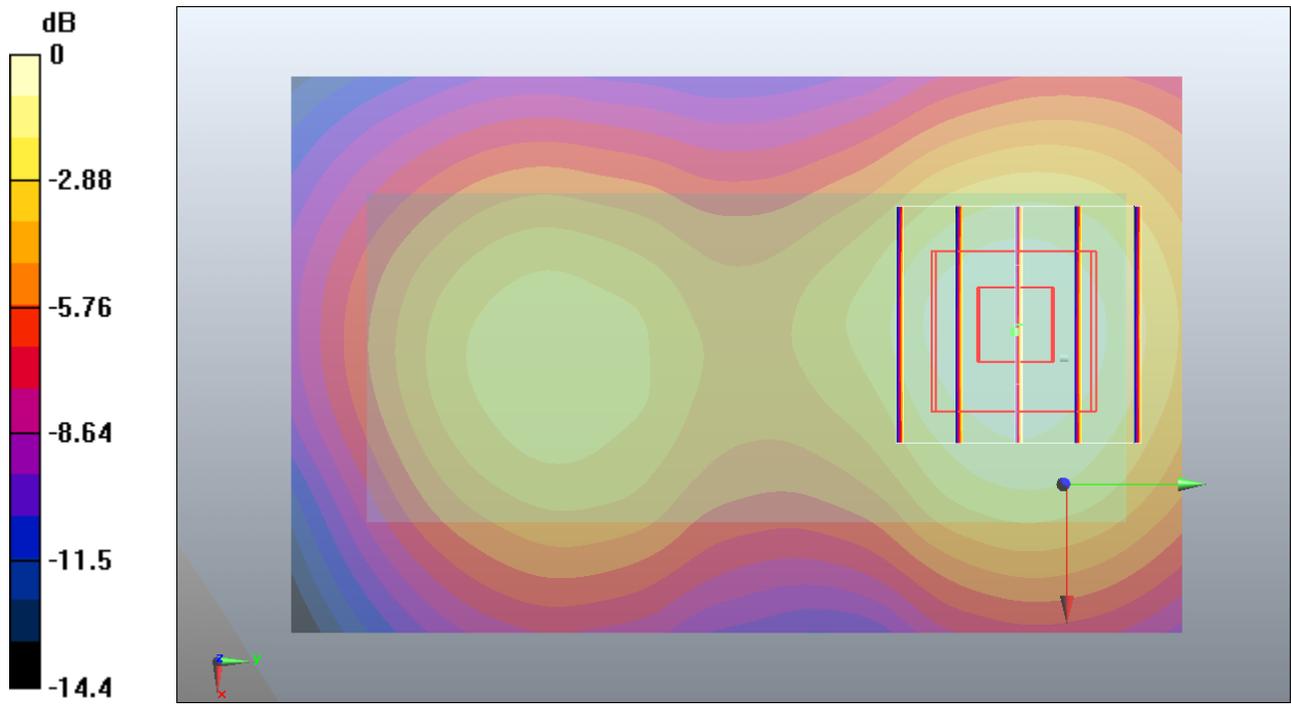Maximum value of SAR (interpolated) = 0.305 mW/g

**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.3 V/m; Power Drift = -0.151 dB
Peak SAR (extrapolated) = 0.420 W/kg
**SAR(1 g) = 0.274 mW/g; SAR(10 g) = 0.172 mW/g**
Maximum value of SAR (measured) = 0.297 mW/g

0 dB = 0.297mW/g