

#01 GSM850_GPRS10_Bottom_0cm_Ch189

DUT: 983104

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:4

Medium: MSL_850_090910 Medium parameters used: $f = 836.4 \text{ MHz}$; $\sigma = 0.98 \text{ mho/m}$; $\epsilon_r = 52.6$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.8 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.09, 6.09, 6.09); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2009/6/23
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch189/Area Scan (171x221x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.077 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 1.57 V/m; Power Drift = 0.150 dB

Peak SAR (extrapolated) = 0.182 W/kg

SAR(1 g) = 0.087 mW/g; SAR(10 g) = 0.048 mW/g

Maximum value of SAR (measured) = 0.107 mW/g

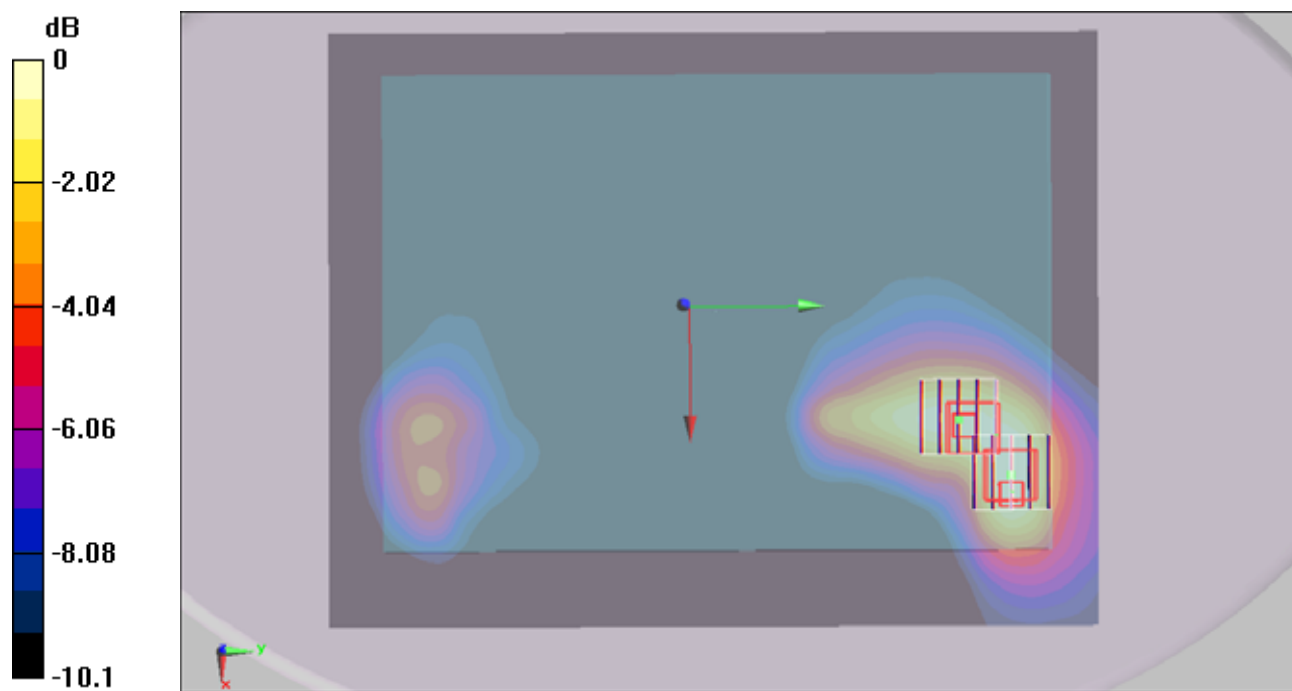
Ch189/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 1.57 V/m; Power Drift = 0.150 dB

Peak SAR (extrapolated) = 0.103 W/kg

SAR(1 g) = 0.068 mW/g; SAR(10 g) = 0.045 mW/g

Maximum value of SAR (measured) = 0.073 mW/g



#01 GSM850_GPRS10_Bottom_0cm_Ch189_2D

DUT: 983104

Communication System: GSM850; Frequency: 836.4 MHz; Duty Cycle: 1:4

Medium: MSL_850_090910 Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.98$ mho/m; $\epsilon_r = 52.6$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.8 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.09, 6.09, 6.09); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2009/6/23
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch189/Area Scan (171x221x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.077 mW/g

Ch189/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.57 V/m; Power Drift = 0.150 dB

Peak SAR (extrapolated) = 0.182 W/kg

SAR(1 g) = 0.087 mW/g; SAR(10 g) = 0.048 mW/g

Maximum value of SAR (measured) = 0.107 mW/g

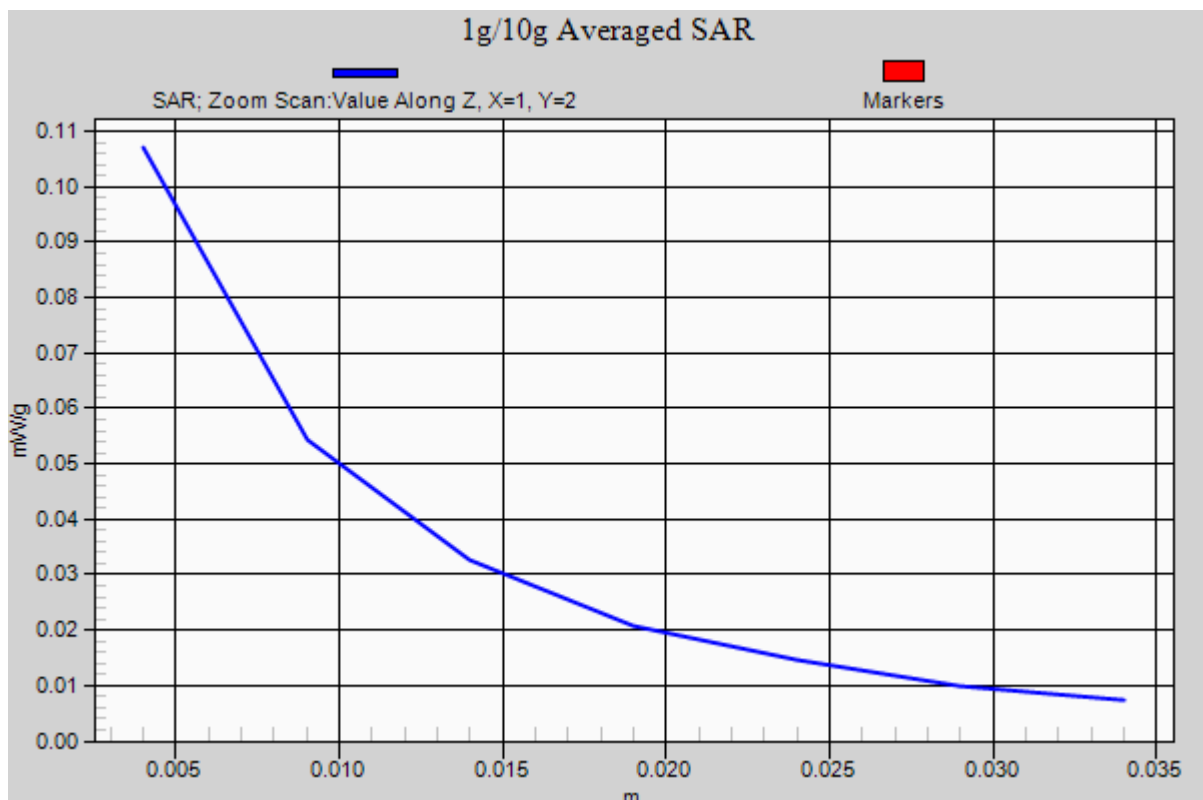
Ch189/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.57 V/m; Power Drift = 0.150 dB

Peak SAR (extrapolated) = 0.103 W/kg

SAR(1 g) = 0.068 mW/g; SAR(10 g) = 0.045 mW/g

Maximum value of SAR (measured) = 0.073 mW/g



#10 GSM1900_GPRS10_Bottom_0cm_Ch661

DUT: 983104

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL_1900_090911 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.52 \text{ mho/m}$; $\epsilon_r = 52.3$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 22.7 ; Liquid Temperature : 21.3

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.49, 4.49, 4.49); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch661/Area Scan (171x221x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.012 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 1.18 V/m; Power Drift = -0.020 dB

Peak SAR (extrapolated) = 0.021 W/kg

SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.00808 mW/g

Maximum value of SAR (measured) = 0.015 mW/g

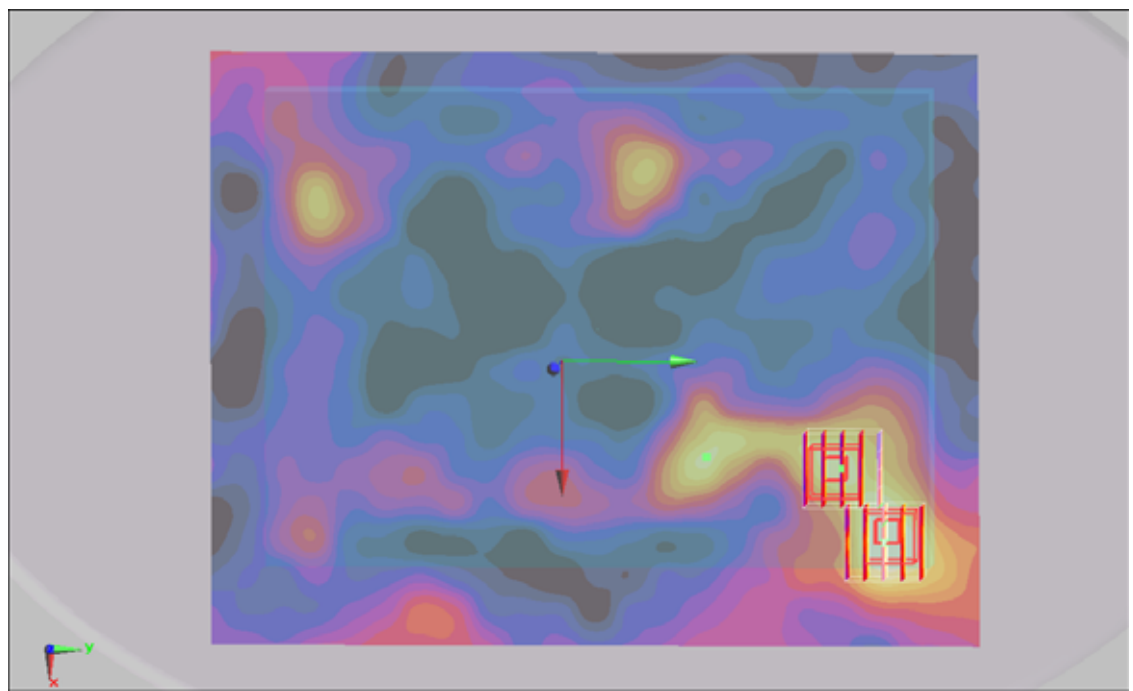
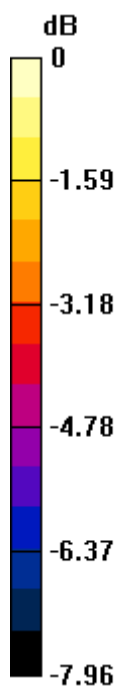
Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 1.18 V/m; Power Drift = -0.020 dB

Peak SAR (extrapolated) = 0.012 W/kg

SAR(1 g) = 0.00904 mW/g; SAR(10 g) = 0.00622 mW/g

Maximum value of SAR (measured) = 0.0098 mW/g



0 dB = 0.0098mW/g

#10 GSM1900_GPRS10_Bottom_0cm_Ch661_2D

DUT: 983104

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: MSL_1900_090911 Medium parameters used: $f = 1880$ MHz; $\sigma = 1.52$ mho/m; $\epsilon_r = 52.3$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.7 ; Liquid Temperature : 21.3

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.49, 4.49, 4.49); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2009/8/24
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch661/Area Scan (171x221x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.012 mW/g

Ch661/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.18 V/m; Power Drift = -0.020 dB

Peak SAR (extrapolated) = 0.021 W/kg

SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.00808 mW/g

Maximum value of SAR (measured) = 0.015 mW/g

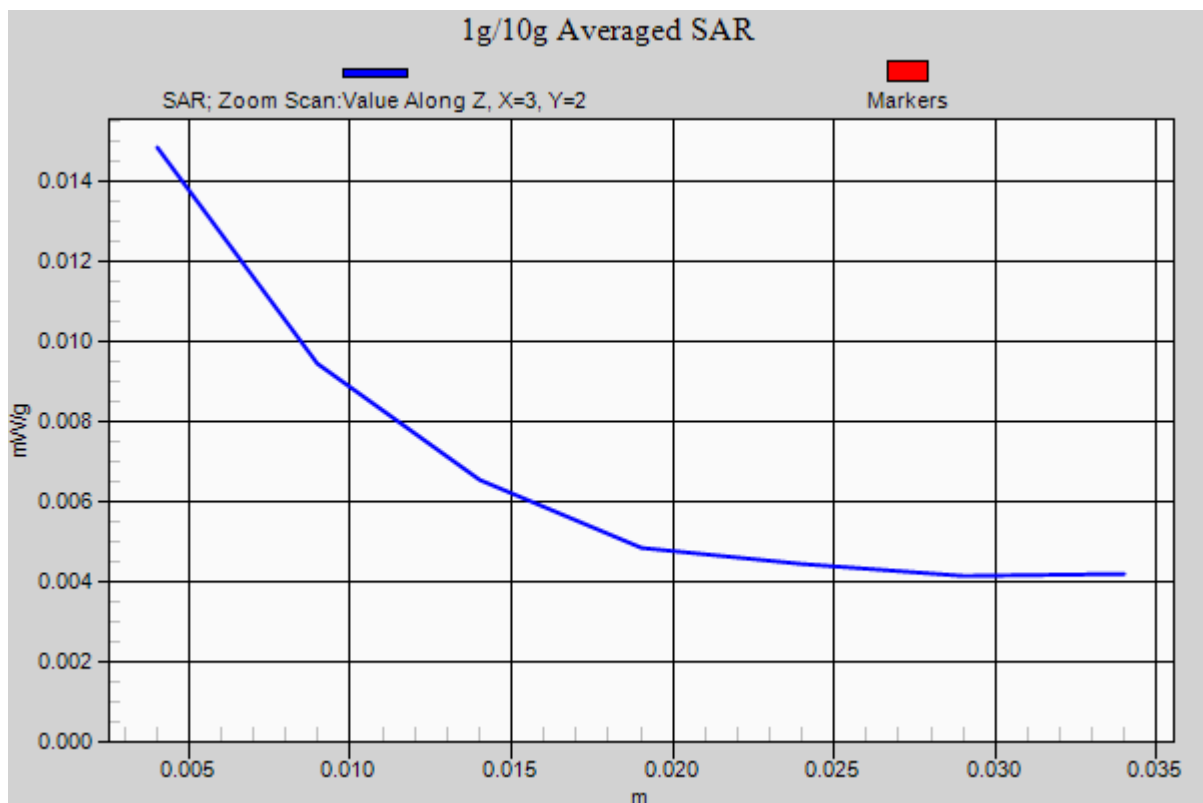
Ch661/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.18 V/m; Power Drift = -0.020 dB

Peak SAR (extrapolated) = 0.012 W/kg

SAR(1 g) = 0.00904 mW/g; SAR(10 g) = 0.00622 mW/g

Maximum value of SAR (measured) = 0.0098 mW/g



#06 WCDMA V_RMC12.2k_Bottom_0cm_Ch4233

DUT: 983104

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: MSL_850_090910 Medium parameters used: $f = 847$ MHz; $\sigma = 0.991$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.09, 6.09, 6.09); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2009/6/23
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch4233/Area Scan (61x221x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.069 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.9 V/m; Power Drift = 0.154 dB

Peak SAR (extrapolated) = 0.122 W/kg

SAR(1 g) = 0.068 mW/g; SAR(10 g) = 0.044 mW/g

Maximum value of SAR (measured) = 0.073 mW/g

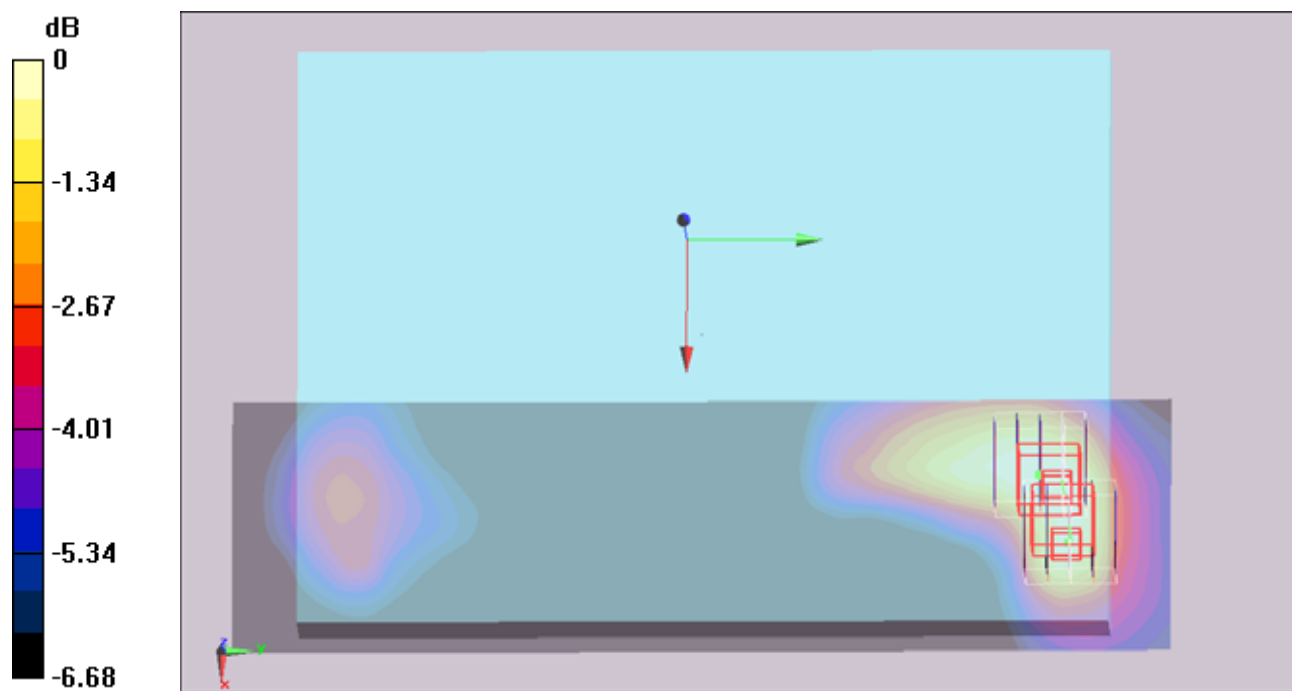
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.9 V/m; Power Drift = 0.154 dB

Peak SAR (extrapolated) = 0.088 W/kg

SAR(1 g) = 0.063 mW/g; SAR(10 g) = 0.045 mW/g

Maximum value of SAR (measured) = 0.067 mW/g



#06 WCDMA V_RMC12.2k_Bottom_0cm_Ch4233_2D

DUT: 983104

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: MSL_850_090910 Medium parameters used: $f = 847$ MHz; $\sigma = 0.991$ mho/m; $\epsilon_r = 52.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 ; Liquid Temperature : 21.5

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(6.09, 6.09, 6.09); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2009/6/23
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch4233/Area Scan (61x221x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.069 mW/g

Ch4233/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.9 V/m; Power Drift = 0.154 dB

Peak SAR (extrapolated) = 0.122 W/kg

SAR(1 g) = 0.068 mW/g; SAR(10 g) = 0.044 mW/g

Maximum value of SAR (measured) = 0.073 mW/g

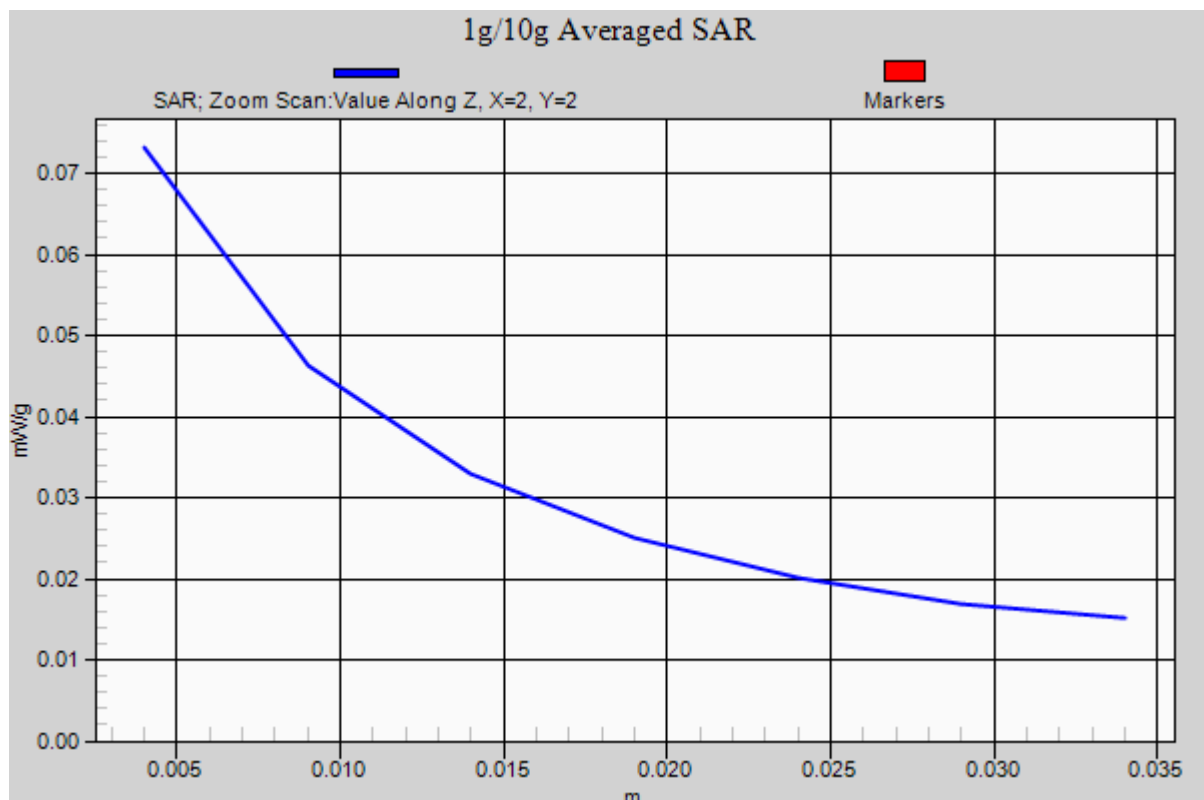
Ch4233/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.9 V/m; Power Drift = 0.154 dB

Peak SAR (extrapolated) = 0.088 W/kg

SAR(1 g) = 0.063 mW/g; SAR(10 g) = 0.045 mW/g

Maximum value of SAR (measured) = 0.067 mW/g



#08 WCDMAII_RMC12.2k_Bottom_0cm_Ch9262

DUT: 983104

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL_1900_090910 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 52.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 ; Liquid Temperature : 21.6

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.49, 4.49, 4.49); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2009/6/23
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9262/Area Scan (171x221x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.033 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.36 V/m; Power Drift = 0.137 dB

Peak SAR (extrapolated) = 0.056 W/kg

SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.027 mW/g

Maximum value of SAR (measured) = 0.035 mW/g

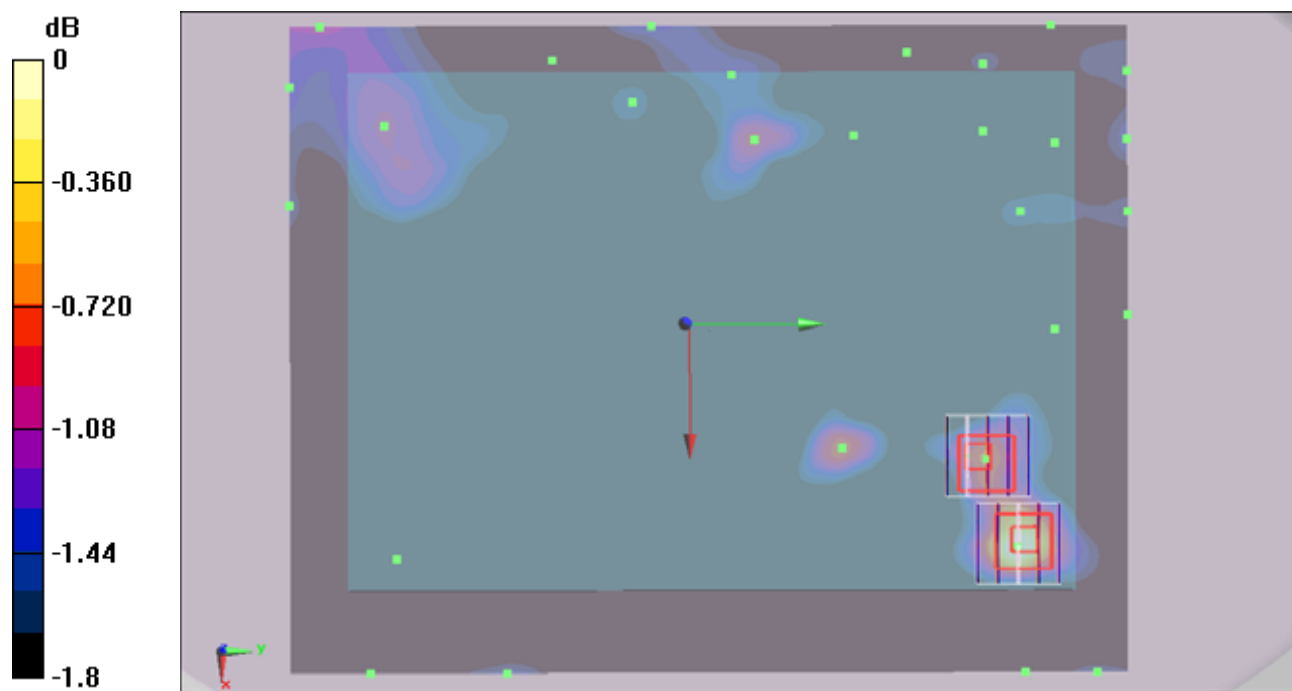
Ch9262/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.36 V/m; Power Drift = 0.137 dB

Peak SAR (extrapolated) = 0.049 W/kg

SAR(1 g) = 0.030 mW/g; SAR(10 g) = 0.026 mW/g

Maximum value of SAR (measured) = 0.032 mW/g



0 dB = 0.032mW/g

#08 WCDMAII_RMC12.2k_Bottom_0cm_Ch9262_2D

DUT: 983104

Communication System: WCDMA; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium: MSL_1900_090910 Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.49$ mho/m; $\epsilon_r = 52.4$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 ; Liquid Temperature : 21.6

DASY5 Configuration:

- Probe: ET3DV6 - SN1787; ConvF(4.49, 4.49, 4.49); Calibrated: 2009/5/26
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn679; Calibrated: 2009/6/23
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch9262/Area Scan (171x221x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.033 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.36 V/m; Power Drift = 0.337 dB

Peak SAR (extrapolated) = 0.056 W/kg

SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.027 mW/g

Maximum value of SAR (measured) = 0.035 mW/g

Ch9262/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.36 V/m; Power Drift = 0.337 dB

Peak SAR (extrapolated) = 0.049 W/kg

SAR(1 g) = 0.030 mW/g; SAR(10 g) = 0.026 mW/g

Maximum value of SAR (measured) = 0.032 mW/g

