

#01 802.11b_Bottom Face_0cm_Ch11_Earphone

DUT: 170201

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium: MSL_2450_110805 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.98$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3754; ConvF(6.84, 6.84, 6.84); Calibrated: 2011/1/11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (121x151x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.190 mW/g

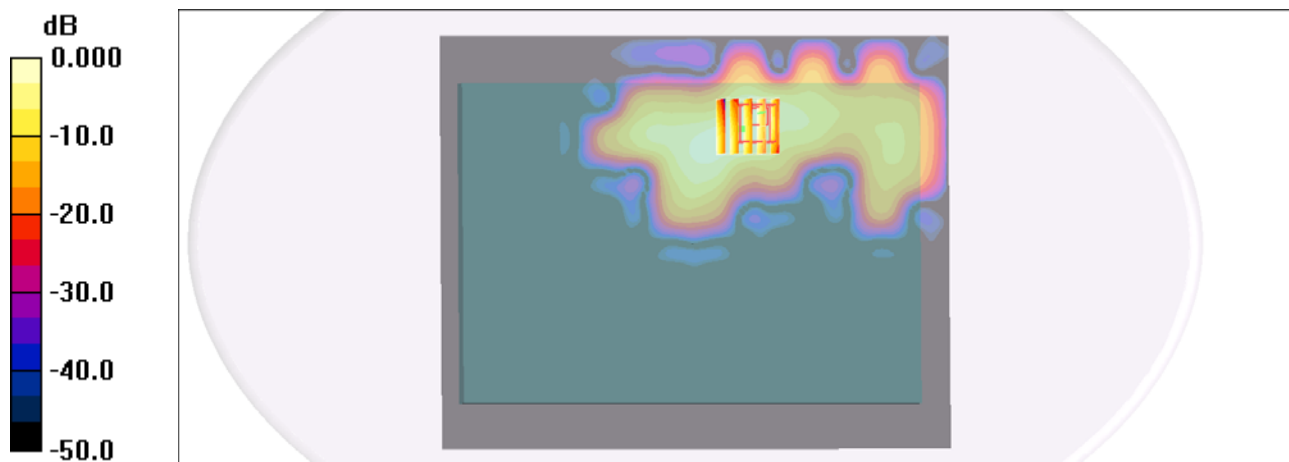
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.406 V/m; Power Drift = 0.137 dB

Peak SAR (extrapolated) = 0.323 W/kg

SAR(1 g) = 0.155 mW/g; SAR(10 g) = 0.074 mW/g

Maximum value of SAR (measured) = 0.177 mW/g



0 dB = 0.177mW/g

#02 802.11b_Primary Landscape_0cm_Ch11_Earphone

DUT: 170201

Communication System: 802.11b ; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: MSL_2450_110805 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.98$ mho/m; $\epsilon_r = 51.5$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY4 Configuration:

- Probe: EX3DV4 - SN3754; ConvF(6.84, 6.84, 6.84); Calibrated: 2011/1/11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (31x151x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.224 mW/g

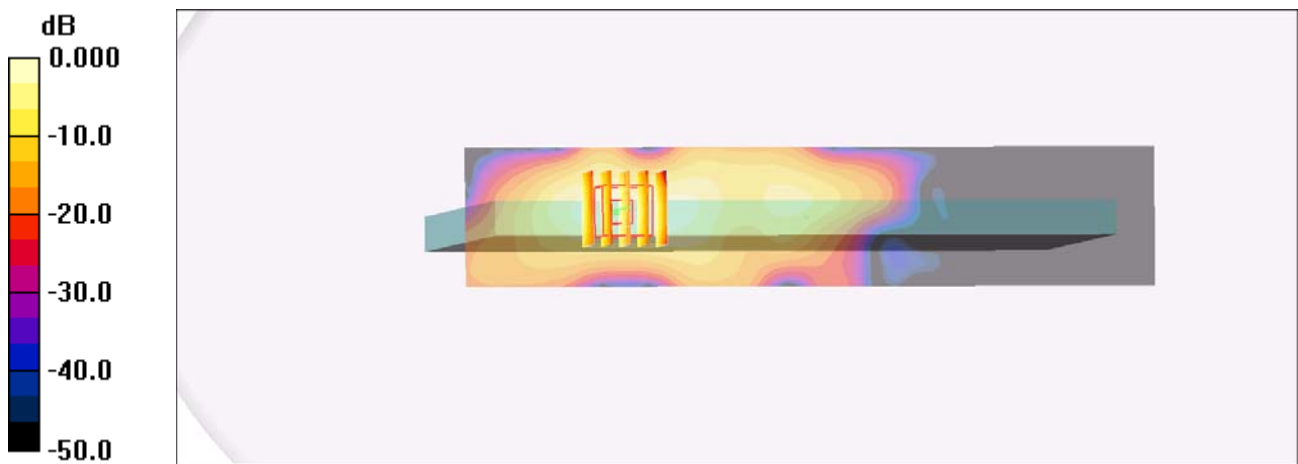
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.52 V/m; Power Drift = -0.031 dB

Peak SAR (extrapolated) = 0.415 W/kg

SAR(1 g) = 0.203 mW/g; SAR(10 g) = 0.095 mW/g

Maximum value of SAR (measured) = 0.234 mW/g



0 dB = 0.234mW/g

#02 802.11b_Primary Landscape_0cm_Ch11_Earphone_2D

DUT: 170201

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1

Medium: MSL_2450_110805 Medium parameters used: $f = 2462 \text{ MHz}$; $\sigma = 1.98 \text{ mho/m}$; $\epsilon_r = 51.5$;

$\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : $22.4 \text{ }^\circ\text{C}$; Liquid Temperature : $21.4 \text{ }^\circ\text{C}$

DASY4 Configuration:

- Probe: EX3DV4 - SN3754; ConvF(6.84, 6.84, 6.84); Calibrated: 2011/1/11
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2011/6/17
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (31x151x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 0.224 mW/g

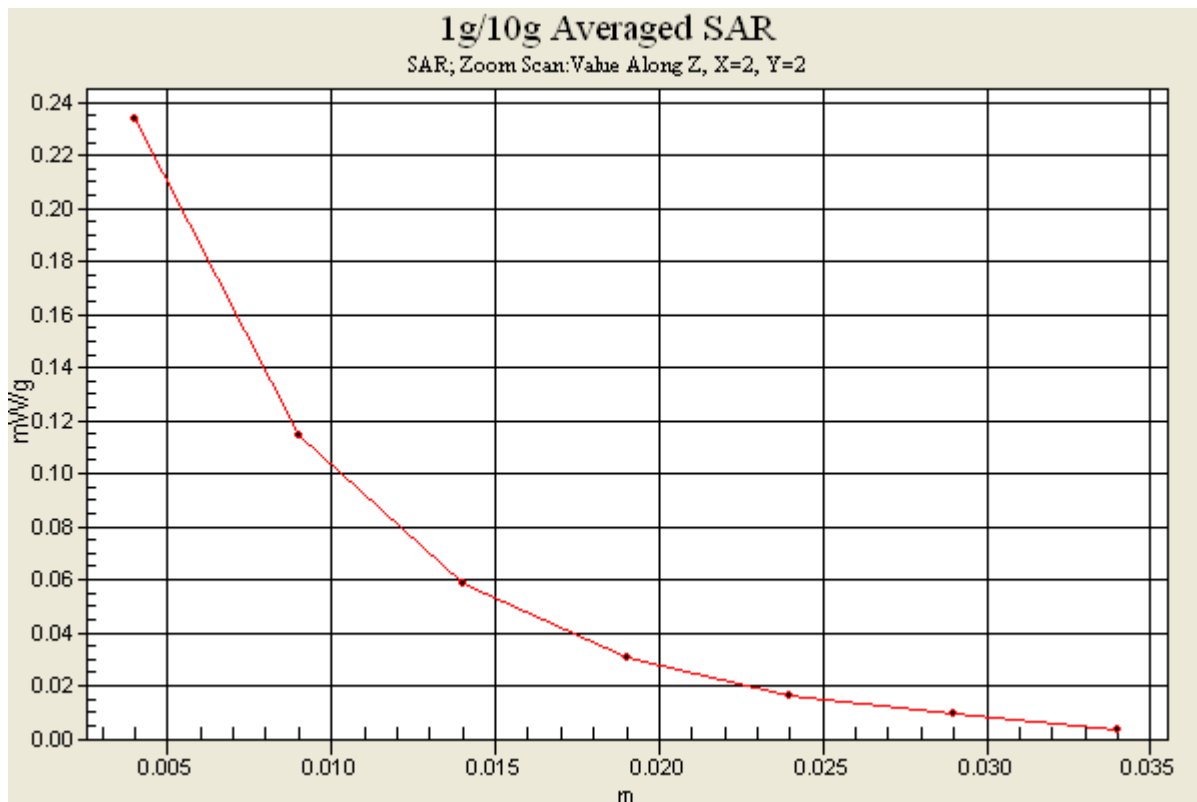
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.52 V/m ; Power Drift = -0.031 dB

Peak SAR (extrapolated) = 0.415 W/kg

SAR(1 g) = 0.203 mW/g ; SAR(10 g) = 0.095 mW/g

Maximum value of SAR (measured) = 0.234 mW/g



#03 802.11a_Bottom Face_0cm_Ch44_Earphone

DUT: 170201

Communication System: 802.11a; Frequency: 5220 MHz; Duty Cycle: 1:1

Medium: MSL_5G_110805 Medium parameters used : $f = 5220$ MHz; $\sigma = 5.34$ mho/m; $\epsilon_r = 47.455$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.22, 4.22, 4.22); Calibrated: 2011/6/20

- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn577; Calibrated: 2011/1/13

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127

- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch44/Area Scan (241x301x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.244 mW/g

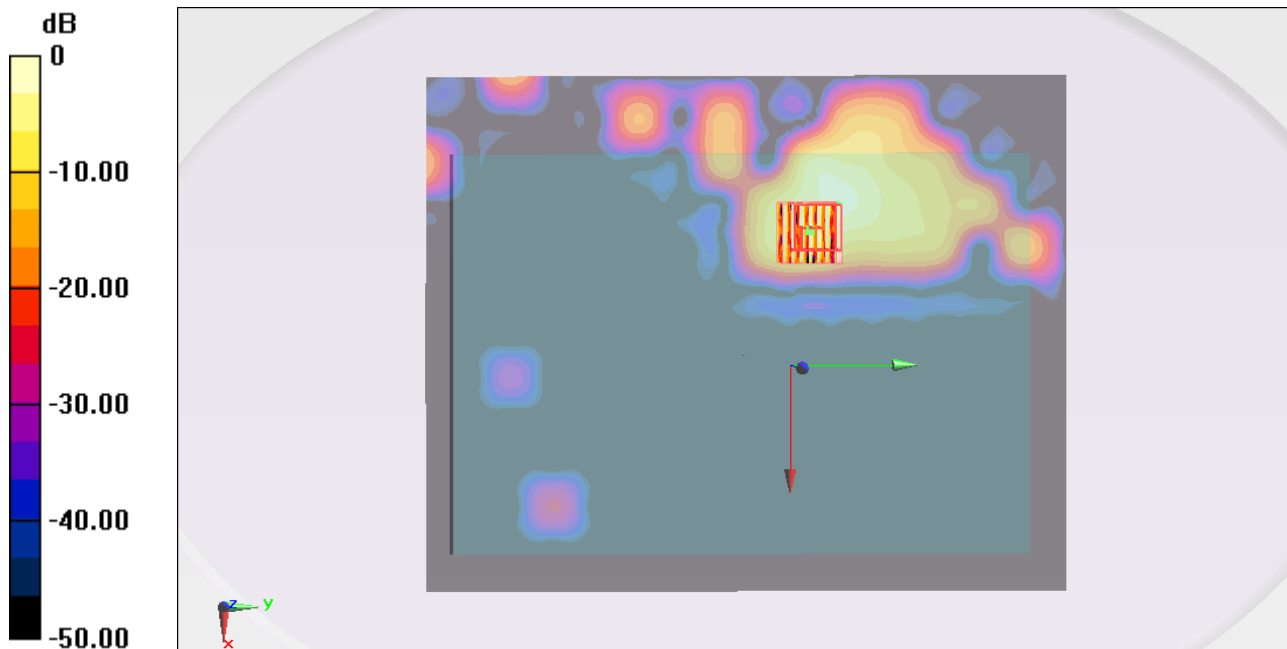
Ch44/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.370 V/m; Power Drift = 0.157 dB

Peak SAR (extrapolated) = 0.538 W/kg

SAR(1 g) = 0.107 mW/g; SAR(10 g) = 0.030 mW/g

Maximum value of SAR (measured) = 0.316 mW/g



0 dB = 0.320mW/g

#04 802.11a_Primary Landscape_0cm_Ch44_Earphone

DUT: 170201

Communication System: 802.11a; Frequency: 5220 MHz; Duty Cycle: 1:1

Medium: MSL_5G_110805 Medium parameters used : $f = 5220$ MHz; $\sigma = 5.34$ mho/m; $\epsilon_r = 47.455$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.22, 4.22, 4.22); Calibrated: 2011/6/20

- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn577; Calibrated: 2011/1/13

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127

- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch44/Area Scan (61x301x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.220 mW/g

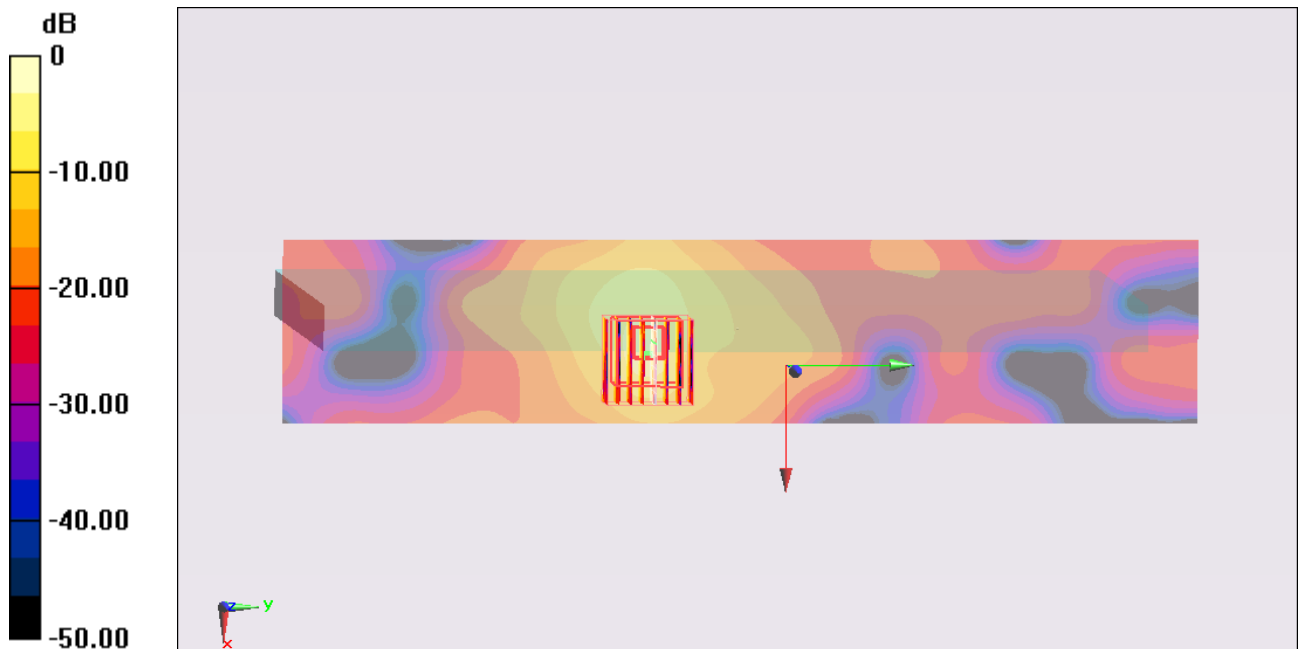
Ch44/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 6.399 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.219 W/kg

SAR(1 g) = 0.315 mW/g; SAR(10 g) = 0.094 mW/g

Maximum value of SAR (measured) = 0.667 mW/g



0 dB = 0.670mW/g

#04 802.11a_Primary Landscape_0cm_Ch44_Earphone_2D

DUT: 170201

Communication System: 802.11a; Frequency: 5220 MHz;Duty Cycle: 1:1

Medium: MSL_5G_110805 Medium parameters used : $f = 5220$ MHz; $\sigma = 5.34$ mho/m; $\epsilon_r = 47.455$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.22, 4.22, 4.22); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch44/Area Scan (61x301x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.220 mW/g

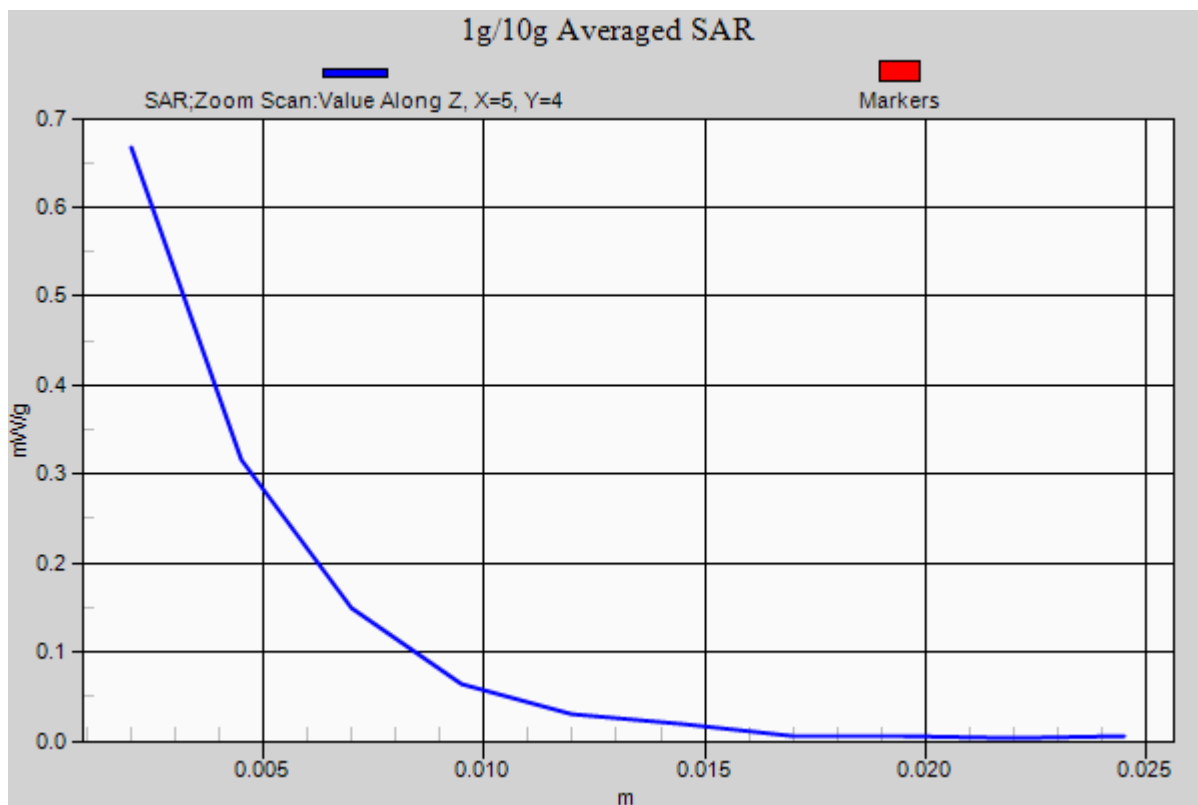
Ch44/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 6.399 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.219 W/kg

SAR(1 g) = 0.315 mW/g; SAR(10 g) = 0.094 mW/g

Maximum value of SAR (measured) = 0.667 mW/g



#05 802.11a_Bottom Face_0cm_Ch52_Earphone

DUT: 170201

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium: MSL_5G_110805 Medium parameters used : $f = 5260$ MHz; $\sigma = 5.383$ mho/m; $\epsilon_r = 47.339$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.93, 3.93, 3.93); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch52/Area Scan (241x301x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.365 mW/g

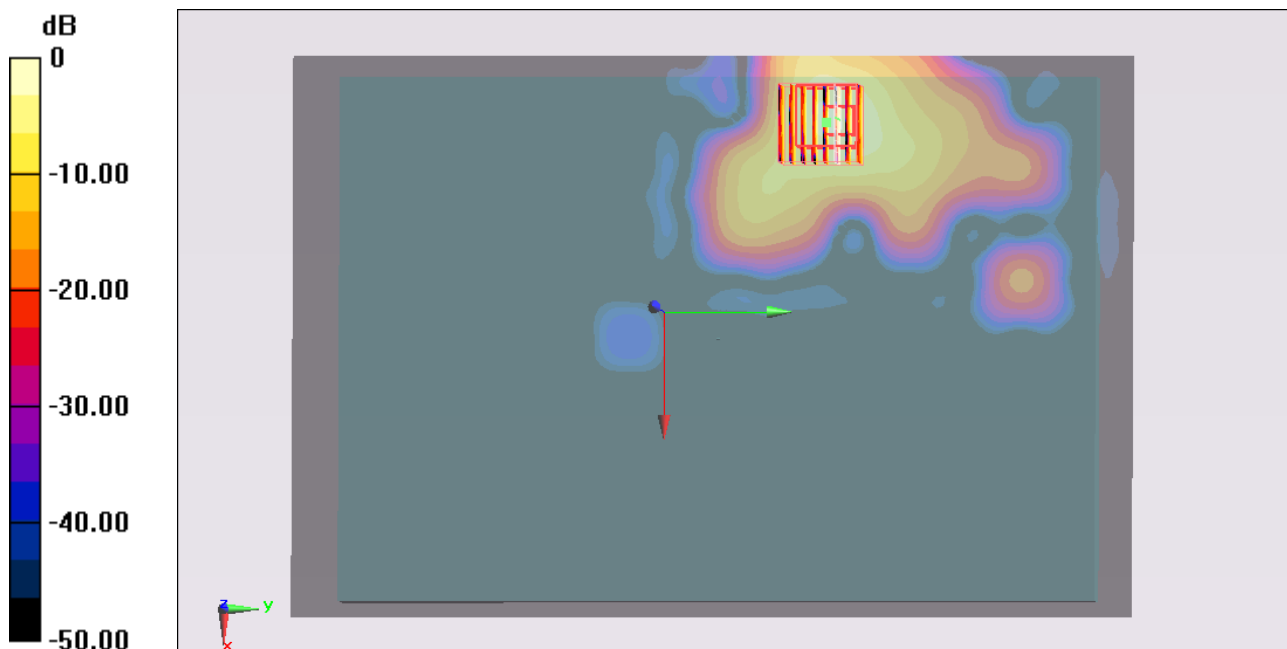
Ch52/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.013 dB

Peak SAR (extrapolated) = 1.240 W/kg

SAR(1 g) = 0.346 mW/g; SAR(10 g) = 0.117 mW/g

Maximum value of SAR (measured) = 0.668 mW/g



0 dB = 0.670mW/g

#06 802.11a_Primary Landscape_0cm_Ch52_Earphone

DUT: 170201

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1

Medium: MSL_5G_110805 Medium parameters used : $f = 5260$ MHz; $\sigma = 5.383$ mho/m; $\epsilon_r = 47.339$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.93, 3.93, 3.93); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch52/Area Scan (61x301x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.472 mW/g

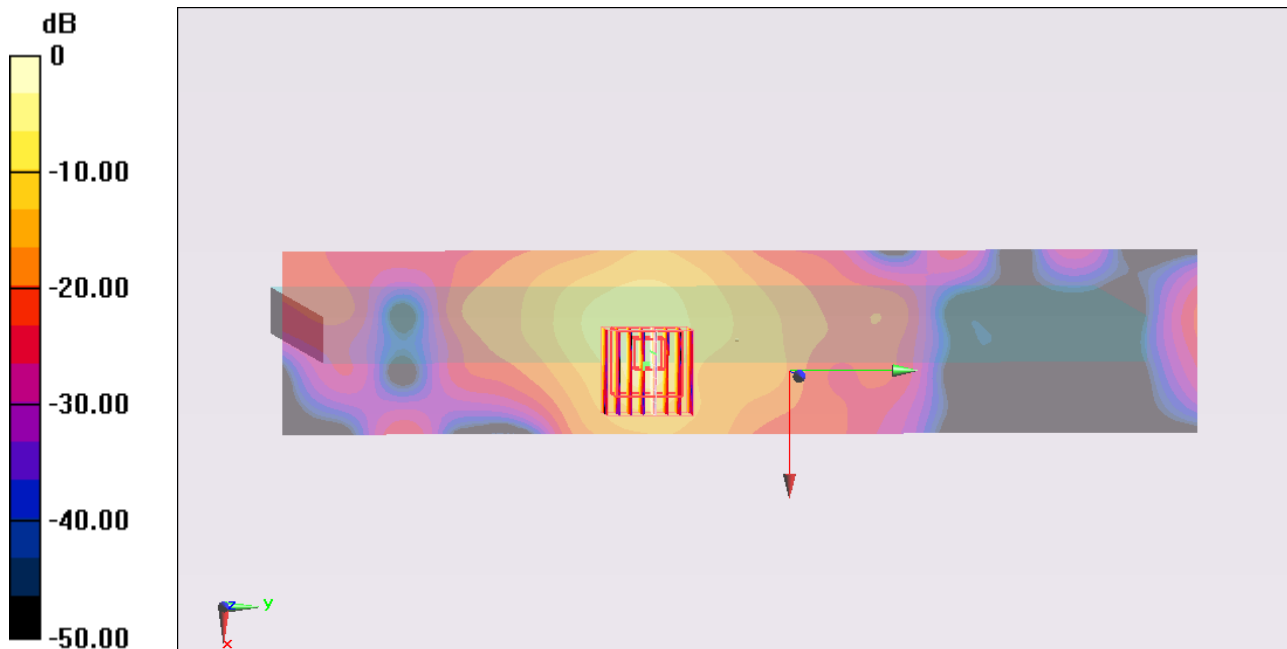
Ch52/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 9.055 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 2.481 W/kg

SAR(1 g) = 0.660 mW/g; SAR(10 g) = 0.202 mW/g

Maximum value of SAR (measured) = 1.385 mW/g



0 dB = 1.390mW/g

#06 802.11a_Primary Landscape_0cm_Ch52_Earphone_2D

DUT: 170201

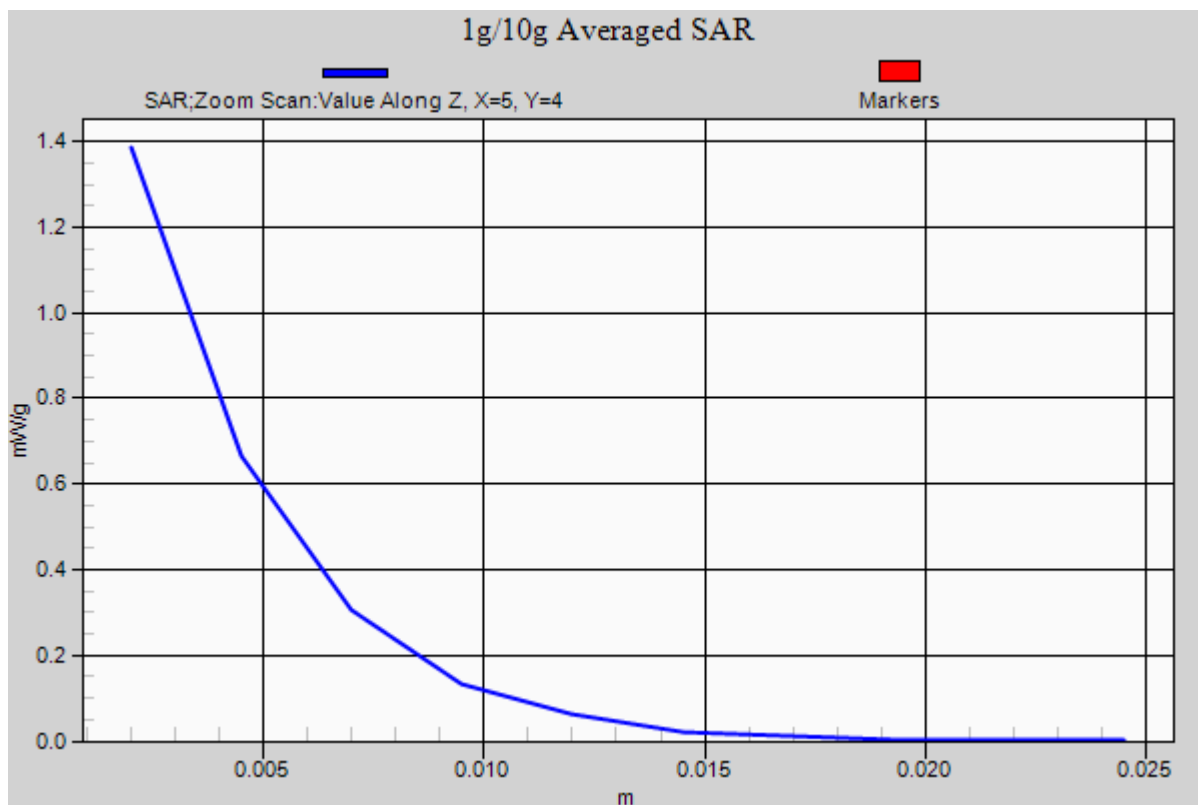
Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1
Medium: MSL_5G_110805 Medium parameters used : $f = 5260$ MHz; $\sigma = 5.383$ mho/m; $\epsilon_r = 47.339$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.93, 3.93, 3.93); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch52/Area Scan (61x301x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.472 mW/g

Ch52/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 9.055 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 2.481 W/kg
SAR(1 g) = 0.660 mW/g; SAR(10 g) = 0.202 mW/g
Maximum value of SAR (measured) = 1.385 mW/g



#07 802.11a_Bottom Face_0cm_Ch104_Earphone

DUT: 170201

Communication System: 802.11a; Frequency: 5520 MHz; Duty Cycle: 1:1

Medium: MSL_5G_110805 Medium parameters used : $f = 5520$ MHz; $\sigma = 5.756$ mho/m; $\epsilon_r = 46.945$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.76, 3.76, 3.76); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch104/Area Scan (241x301x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.281 mW/g

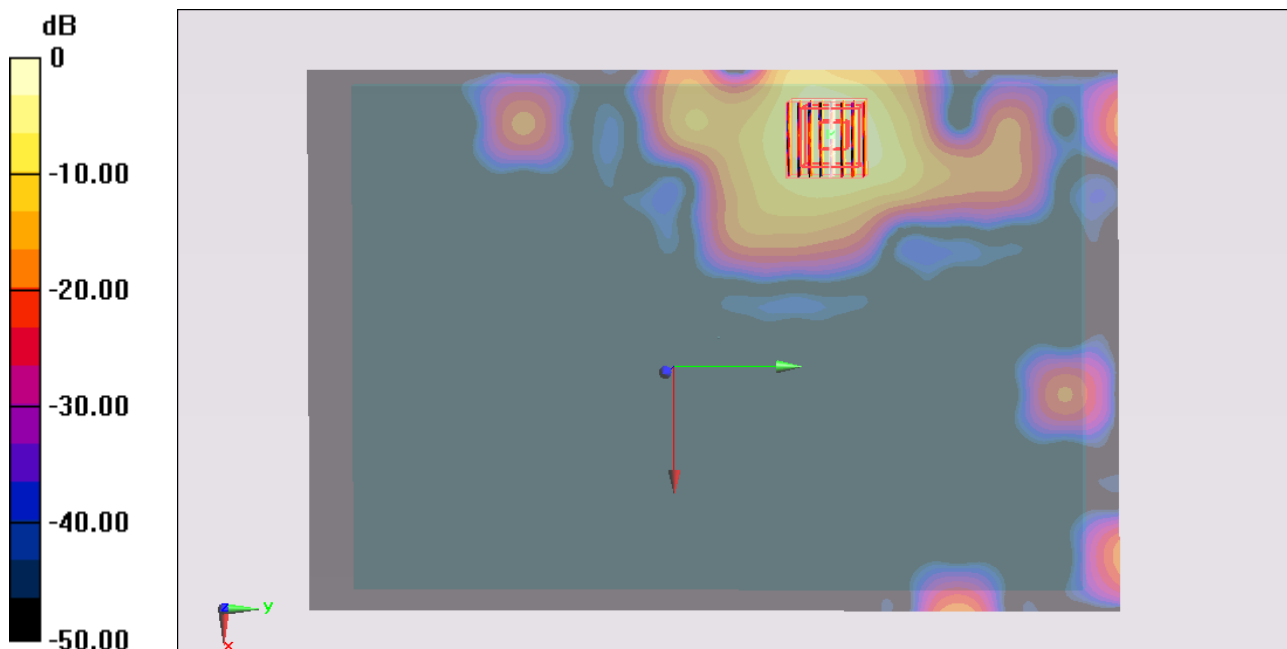
Ch104/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.143 dB

Peak SAR (extrapolated) = 1.051 W/kg

SAR(1 g) = 0.269 mW/g; SAR(10 g) = 0.089 mW/g

Maximum value of SAR (measured) = 0.527 mW/g



0 dB = 0.530mW/g

#08 802.11a_Primary Landscape_0cm_Ch104_Earphone

DUT: 170201

Communication System: 802.11a; Frequency: 5520 MHz; Duty Cycle: 1:1

Medium: MSL_5G_110805 Medium parameters used : $f = 5520$ MHz; $\sigma = 5.756$ mho/m; $\epsilon_r = 46.945$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.76, 3.76, 3.76); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch104/Area Scan (61x301x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.478 mW/g

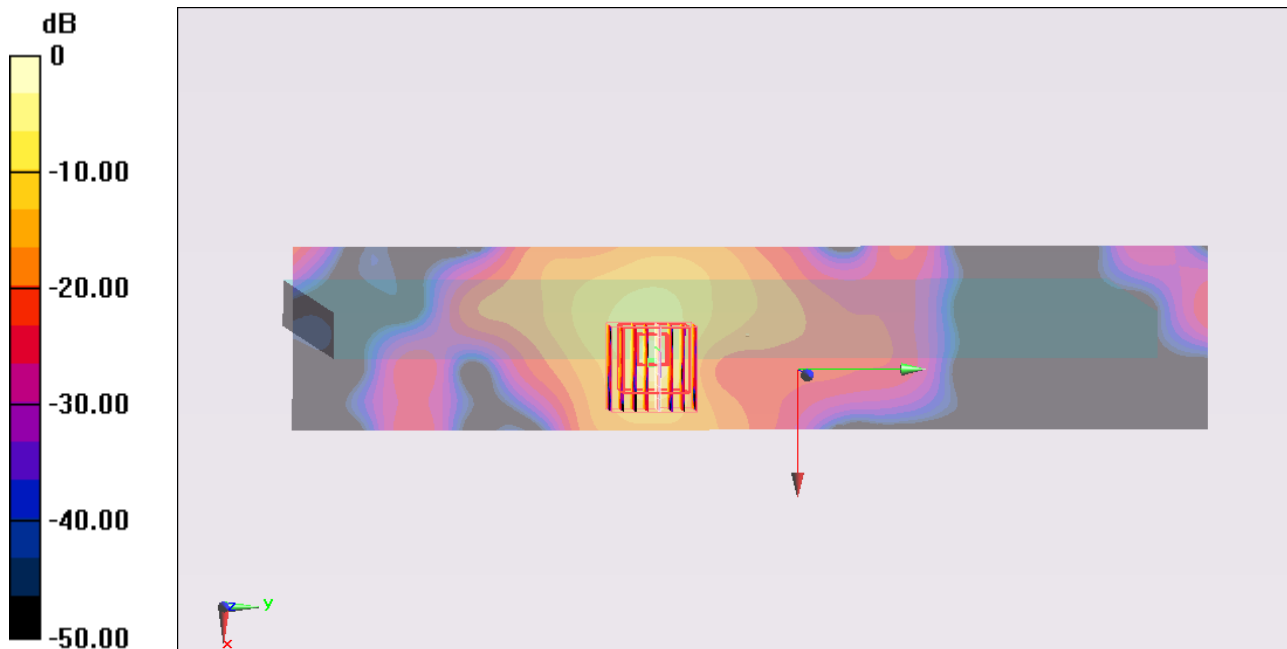
Ch104/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.203 V/m; Power Drift = 0.138 dB

Peak SAR (extrapolated) = 2.870 W/kg

SAR(1 g) = 0.736 mW/g; SAR(10 g) = 0.218 mW/g

Maximum value of SAR (measured) = 1.556 mW/g



0 dB = 1.560mW/g

#08 802.11a_Primary Landscape_0cm_Ch104_Earphone_2D

DUT: 170201

Communication System: 802.11a; Frequency: 5520 MHz; Duty Cycle: 1:1
Medium: MSL_5G_110805 Medium parameters used : $f = 5520$ MHz; $\sigma = 5.756$ mho/m; $\epsilon_r = 46.945$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.4 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.76, 3.76, 3.76); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch104/Area Scan (61x301x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.478 mW/g

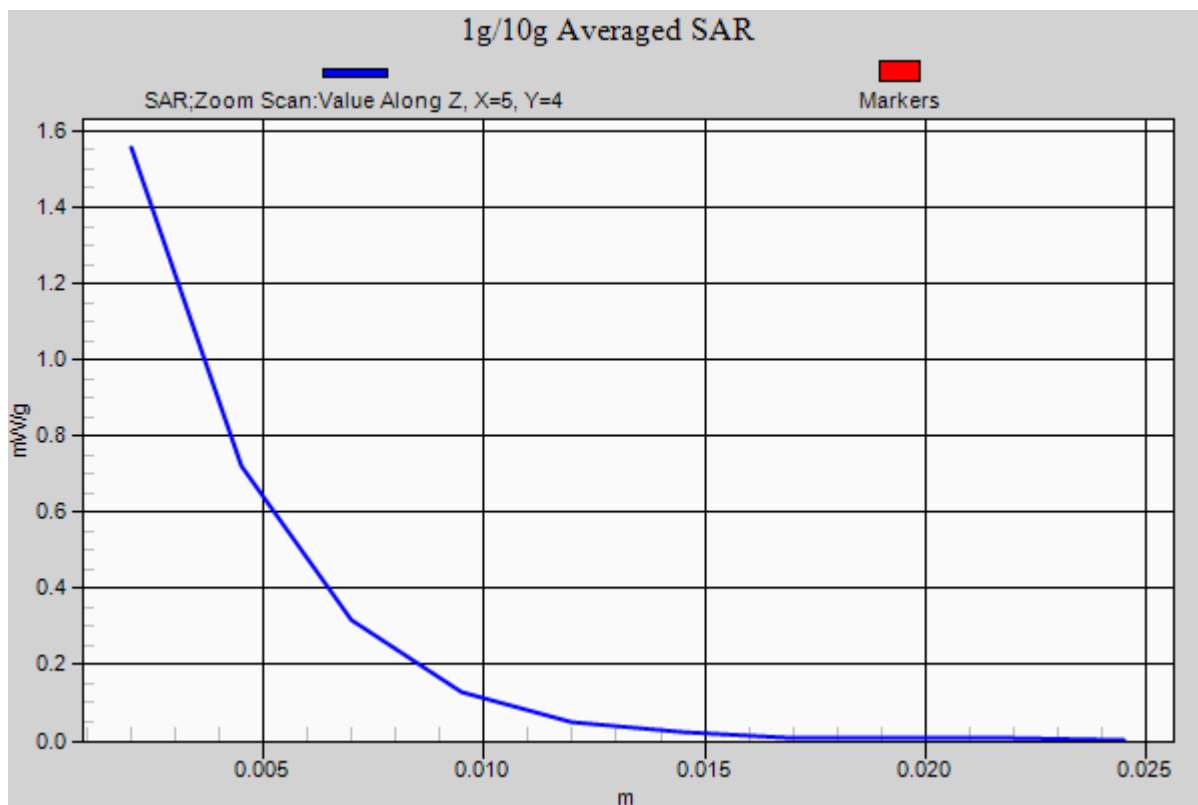
Ch104/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.203 V/m; Power Drift = 0.138 dB

Peak SAR (extrapolated) = 2.870 W/kg

SAR(1 g) = 0.736 mW/g; SAR(10 g) = 0.218 mW/g

Maximum value of SAR (measured) = 1.556 mW/g



#09 802.11a_Bottom Face_0cm_Ch157_Earphone

DUT: 170201

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: MSL_5G_110805 Medium parameters used : $f = 5785$ MHz; $\sigma = 6.215$ mho/m; $\epsilon_r = 46.482$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.78, 3.78, 3.78); Calibrated: 2011/6/20
- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2011/1/13
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch157/Area Scan (241x301x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.269 mW/g

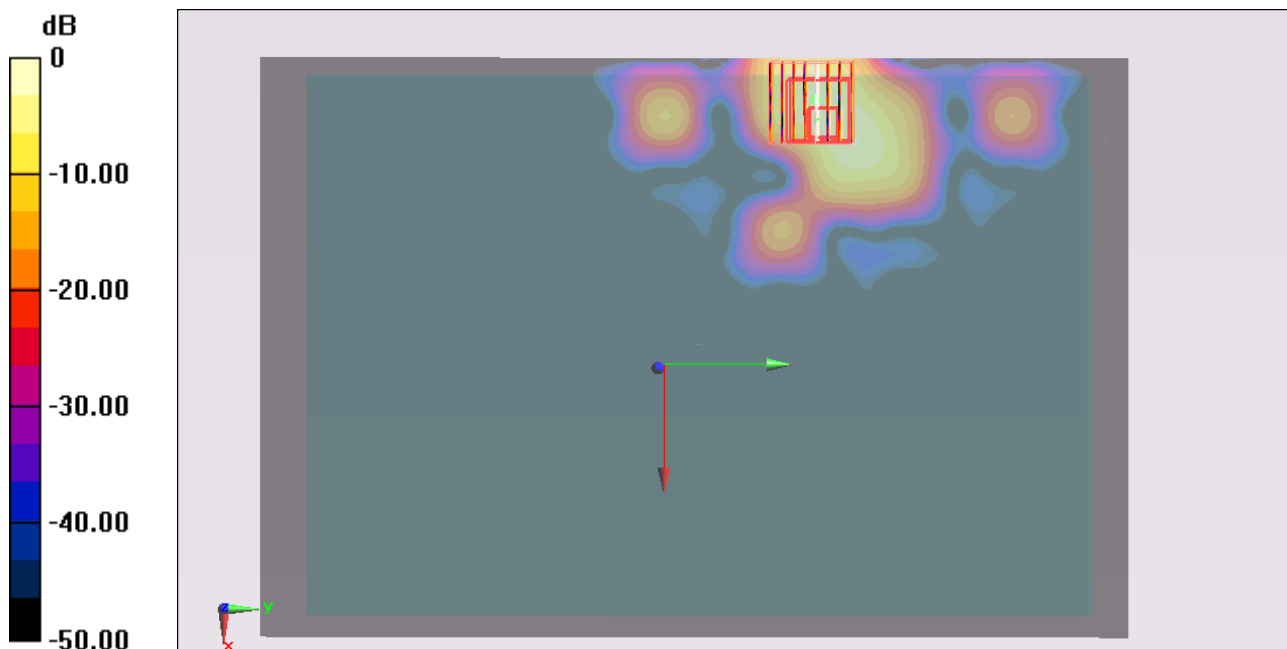
Ch157/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.0114 dB

Peak SAR (extrapolated) = 1.088 W/kg

SAR(1 g) = 0.270 mW/g; SAR(10 g) = 0.077 mW/g

Maximum value of SAR (measured) = 0.547 mW/g



0 dB = 0.550mW/g

#10 802.11a_Primary Landscape_0cm_Ch157_Earphone

DUT: 170201

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: MSL_5G_110805 Medium parameters used : $f = 5785$ MHz; $\sigma = 6.215$ mho/m; $\epsilon_r = 46.482$;

$\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.78, 3.78, 3.78); Calibrated: 2011/6/20

- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn577; Calibrated: 2011/1/13

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127

- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch157/Area Scan (61x301x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.434 mW/g

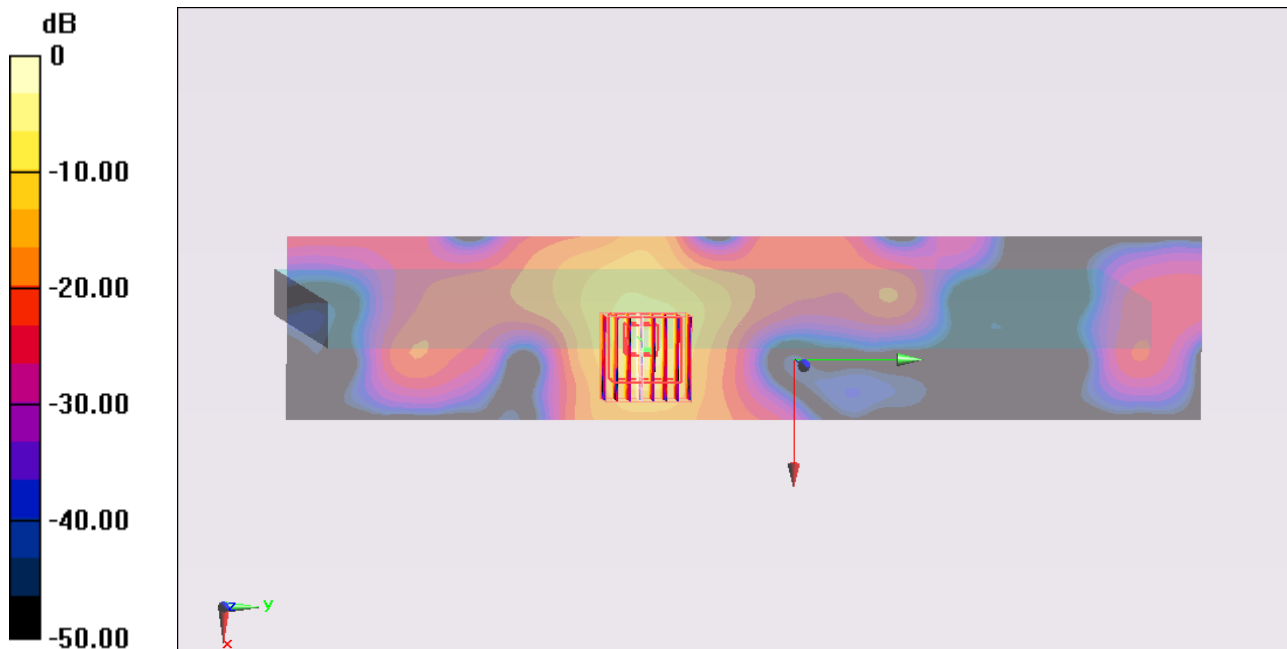
Ch157/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.692 V/m; Power Drift = 0.124 dB

Peak SAR (extrapolated) = 2.964 W/kg

SAR(1 g) = 0.727 mW/g; SAR(10 g) = 0.213 mW/g

Maximum value of SAR (measured) = 1.587 mW/g



0 dB = 1.590mW/g

#10 802.11a_Primary Landscape_0cm_Ch157_Earphone_2D

DUT: 170201

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1

Medium: MSL_5G_110805 Medium parameters used : $f = 5785$ MHz; $\sigma = 6.215$ mho/m; $\epsilon_r =$

46.482; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.4 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.78, 3.78, 3.78); Calibrated: 2011/6/20

- Sensor-Surface: 4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn577; Calibrated: 2011/1/13

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127

- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

Ch157/Area Scan (61x301x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.434 mW/g

Ch157/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.692 V/m; Power Drift = 0.124 dB

Peak SAR (extrapolated) = 2.964 W/kg

SAR(1 g) = 0.727 mW/g; SAR(10 g) = 0.213 mW/g

Maximum value of SAR (measured) = 1.587 mW/g

