

#01 WLAN2.4G_802.11b_Bottom Face_0cm_Ch1

DUT: 283001

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL_2450_120914 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.918$ mho/m; $\epsilon_r = 52.404$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3296; ConvF(4.28, 4.28, 4.28); Calibrated: 2012/4/10;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1/Area Scan (51x161x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 1.05 W/kg

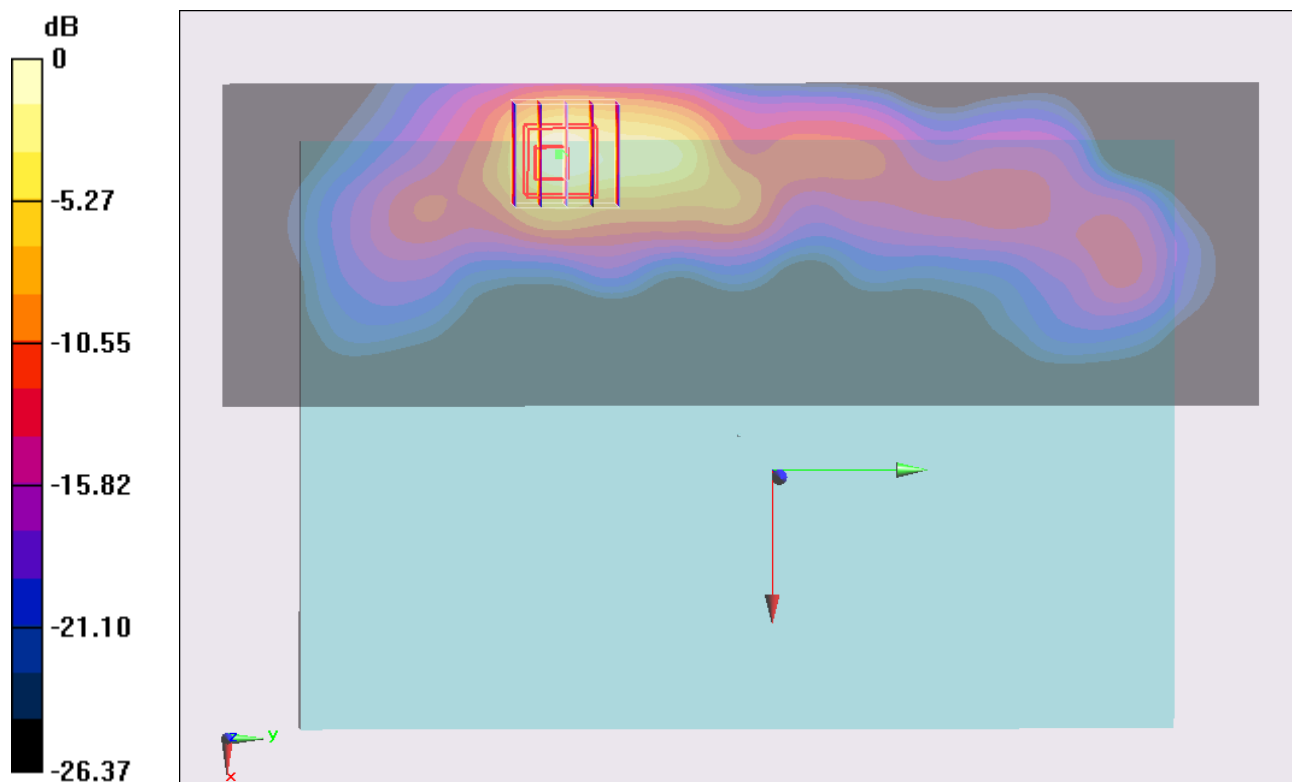
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.492 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 2.740 mW/g

SAR(1 g) = 0.971 mW/g; SAR(10 g) = 0.371 mW/g

Maximum value of SAR (measured) = 0.971 W/kg



0 dB = 0.971 W/kg = -0.26 dB W/kg

#02 WLAN2.4G_802.11b_Bottom Face_0cm_Ch6

DUT: 283001

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL_2450_120914 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.951$ mho/m; $\epsilon_r = 52.324$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3296; ConvF(4.28, 4.28, 4.28); Calibrated: 2012/4/10;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch6/Area Scan (51x161x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 1.15 W/kg

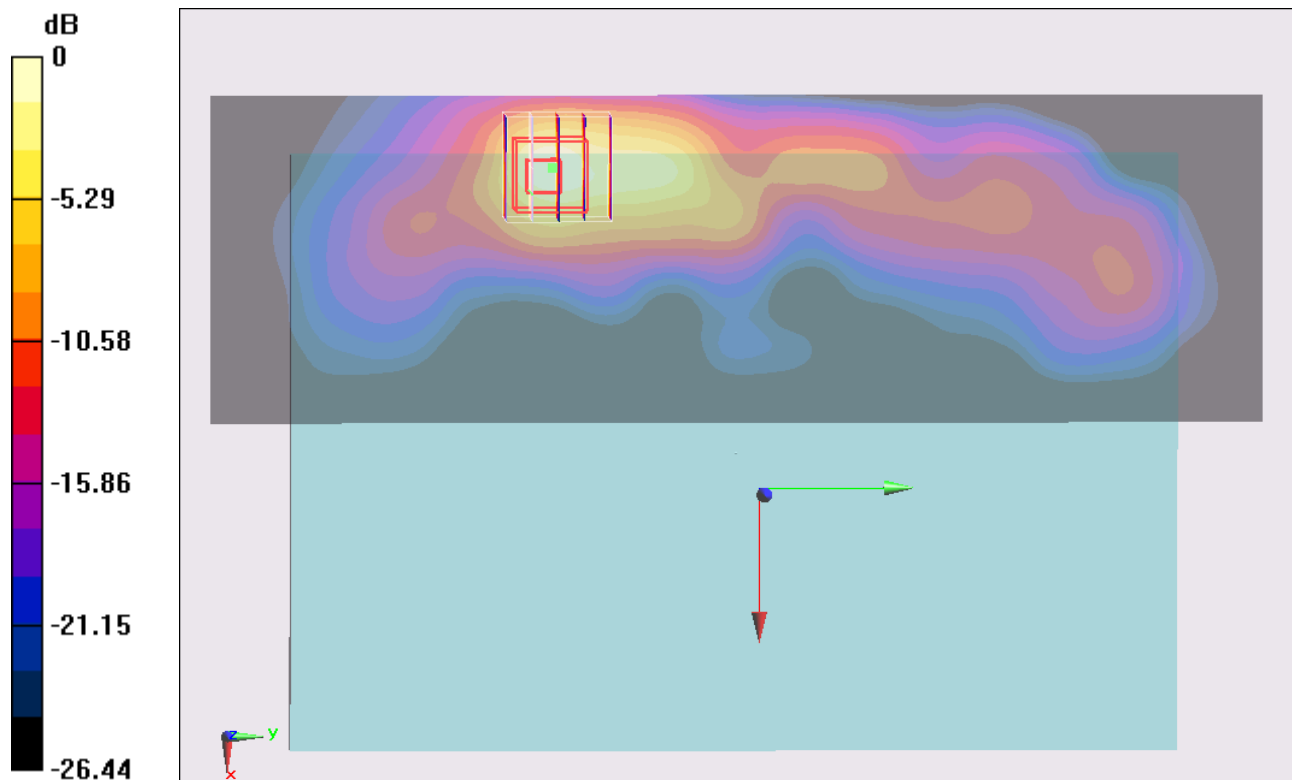
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.539 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 3.247 mW/g

SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.414 mW/g

Maximum value of SAR (measured) = 1.05 W/kg



0 dB = 1.05 W/kg = 0.42 dB W/kg

#03 WLAN2.4G_802.11b_Bottom Face_0cm_Ch11

DUT: 283001

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

Medium: MSL_2450_120914 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.986$ mho/m; $\epsilon_r = 52.236$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3296; ConvF(4.28, 4.28, 4.28); Calibrated: 2012/4/10;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch11/Area Scan (111x161x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 1.15 W/kg

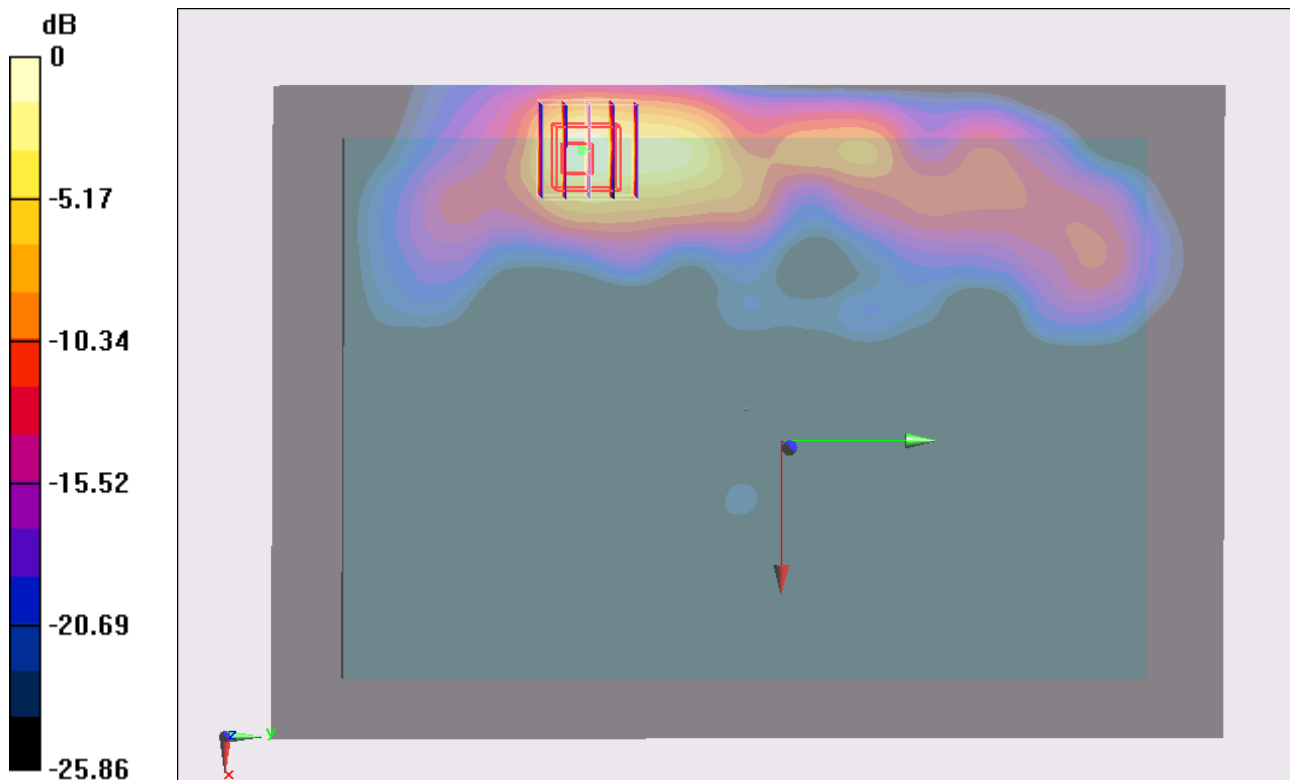
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.377 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 3.224 mW/g

SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.416 mW/g

Maximum value of SAR (measured) = 1.10 W/kg



0 dB = 1.10 W/kg = 0.83 dB W/kg

#03 WLAN2.4G_802.11b_Bottom Face_0cm_Ch11_2D

DUT: 283001

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

Medium: MSL_2450_120914 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.986$ mho/m; $\epsilon_r = 52.236$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3296; ConvF(4.28, 4.28, 4.28); Calibrated: 2012/4/10;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch11/Area Scan (111x161x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 1.15 W/kg

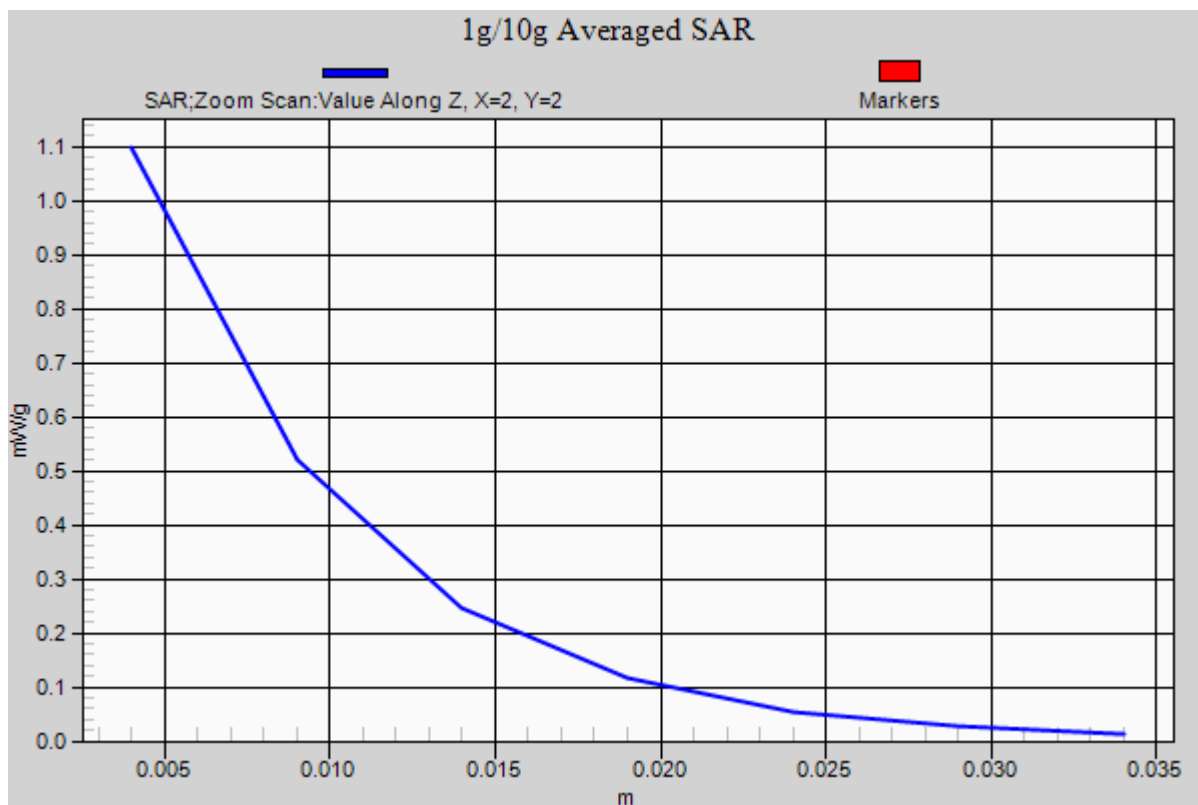
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.377 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 3.224 mW/g

SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.416 mW/g

Maximum value of SAR (measured) = 1.10 W/kg



#04 WLAN2.4G_802.11b_Edge3_0cm_Ch1

DUT: 283001

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: MSL_2450_120914 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.918$ mho/m; $\epsilon_r = 52.404$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3296; ConvF(4.28, 4.28, 4.28); Calibrated: 2012/4/10;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch1/Area Scan (41x161x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.639 W/kg

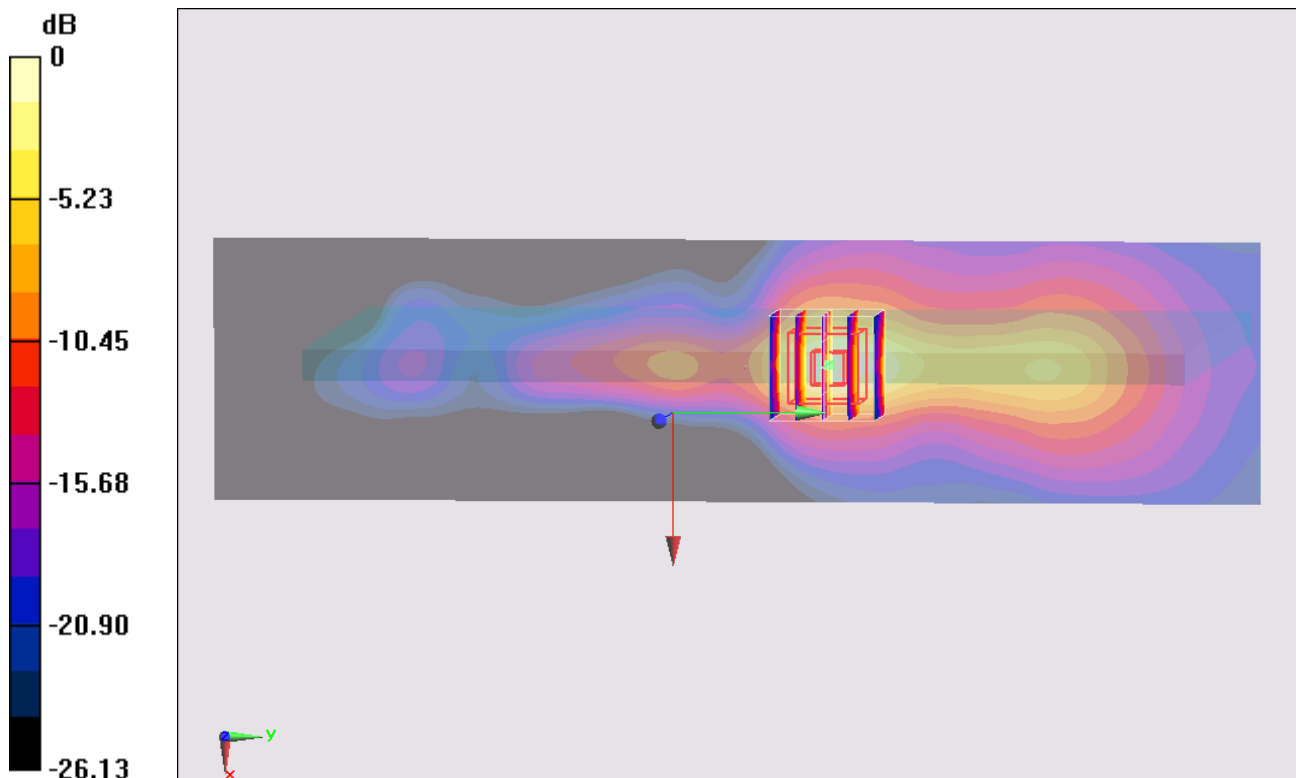
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.762 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.330 mW/g

SAR(1 g) = 0.610 mW/g; SAR(10 g) = 0.263 mW/g

Maximum value of SAR (measured) = 0.690 W/kg



0 dB = 0.690 W/kg = -3.22 dB W/kg

#05 WLAN2.4G_802.11b_Edge3_0cm_Ch6

DUT: 283001

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: MSL_2450_120914 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.951$ mho/m; $\epsilon_r = 52.324$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3296; ConvF(4.28, 4.28, 4.28); Calibrated: 2012/4/10;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch6/Area Scan (41x161x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.796 W/kg

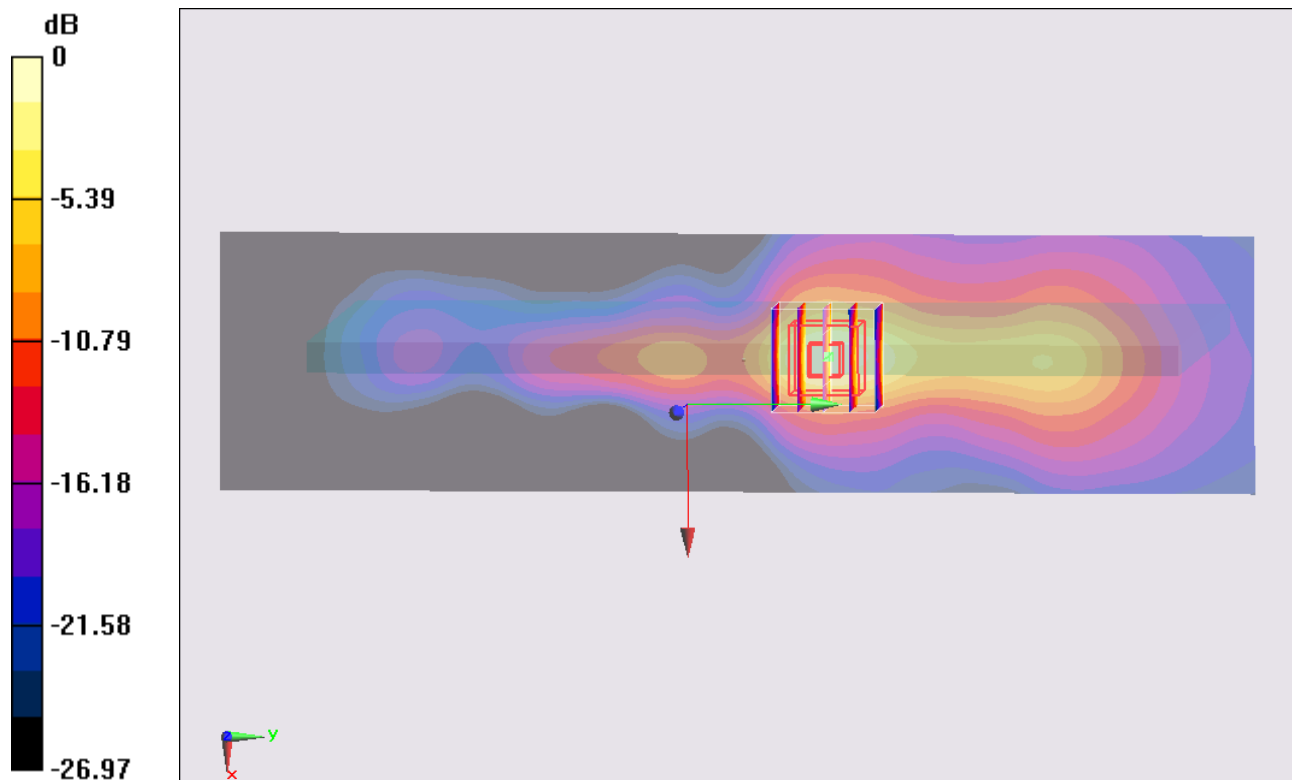
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.281 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.666 mW/g

SAR(1 g) = 0.754 mW/g; SAR(10 g) = 0.322 mW/g

Maximum value of SAR (measured) = 0.848 W/kg



0 dB = 0.848 W/kg = -1.43 dB W/kg

#06 WLAN2.4G_802.11b_Edge3_0cm_Ch11

DUT: 283001

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

Medium: MSL_2450_120914 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.986$ mho/m; $\epsilon_r = 52.236$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3296; ConvF(4.28, 4.28, 4.28); Calibrated: 2012/4/10;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch11/Area Scan (41x161x1): Measurement grid: dx=20 mm, dy=20 mm

Maximum value of SAR (interpolated) = 0.878 W/kg

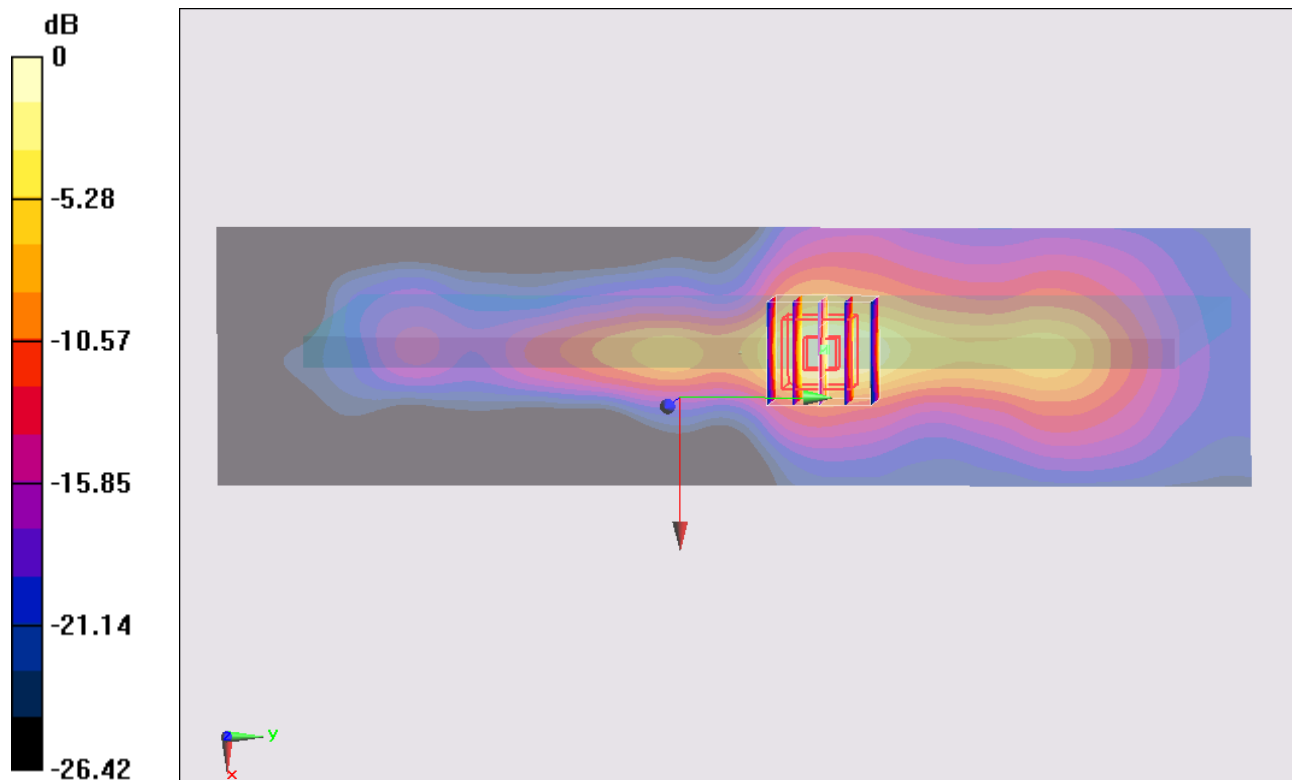
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.911 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.904 mW/g

SAR(1 g) = 0.855 mW/g; SAR(10 g) = 0.363 mW/g

Maximum value of SAR (measured) = 0.950 W/kg



0 dB = 0.950 W/kg = -0.45 dB W/kg

#07 WLAN5G_802.11a_Bottom Face_0cm_Ch36

DUT: 283001

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120925 Medium parameters used : $f = 5180$ MHz; $\sigma = 5.257$ mho/m; $\epsilon_r = 48.801$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4.19, 4.19, 4.19); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch36/Area Scan (221x301x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.06 mW/g

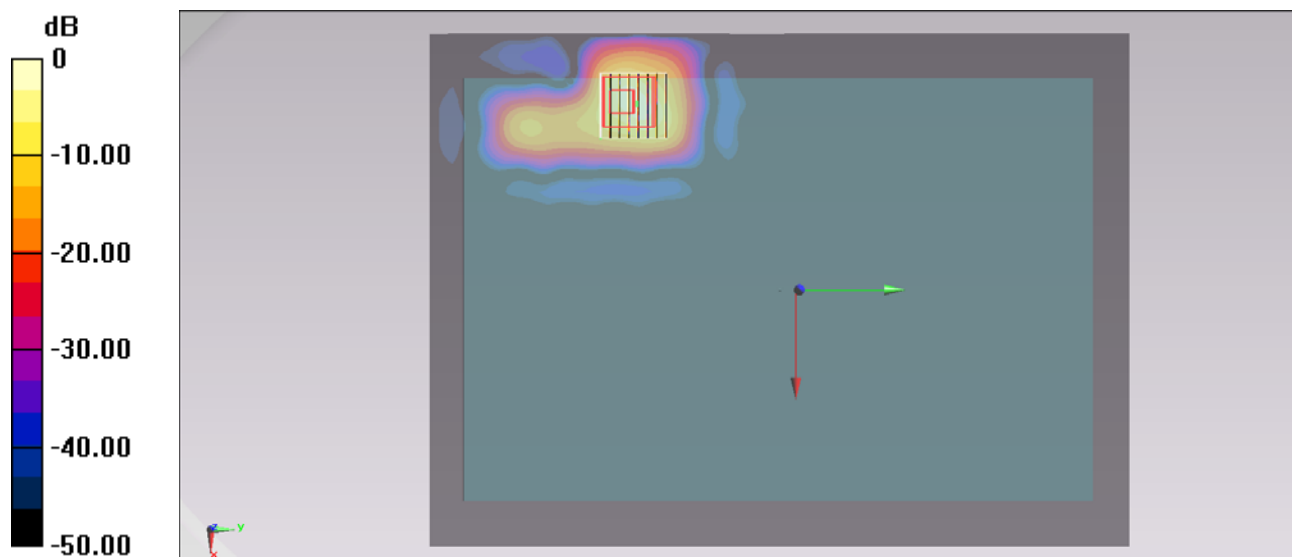
Ch36/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.113 V/m; Power Drift = -0.038 dB

Peak SAR (extrapolated) = 4.345 mW/g

SAR(1 g) = 0.571 mW/g; SAR(10 g) = 0.179 mW/g

Maximum value of SAR (measured) = 1.24 mW/g



0 dB = 1.24 mW/g = 1.87 dB mW/g

#08 WLAN5G_802.11a_Edge3_0cm_Ch36

DUT: 283001

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120925 Medium parameters used : $f = 5180$ MHz; $\sigma = 5.257$ mho/m; $\epsilon_r = 48.801$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4.19, 4.19, 4.19); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch36/Area Scan (61x301x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.342 mW/g

Ch36/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.469 V/m; Power Drift = 0.028 dB

Peak SAR (extrapolated) = 3.607 mW/g

SAR(1 g) = 0.958 mW/g; SAR(10 g) = 0.244 mW/g

Maximum value of SAR (measured) = 1.96 mW/g

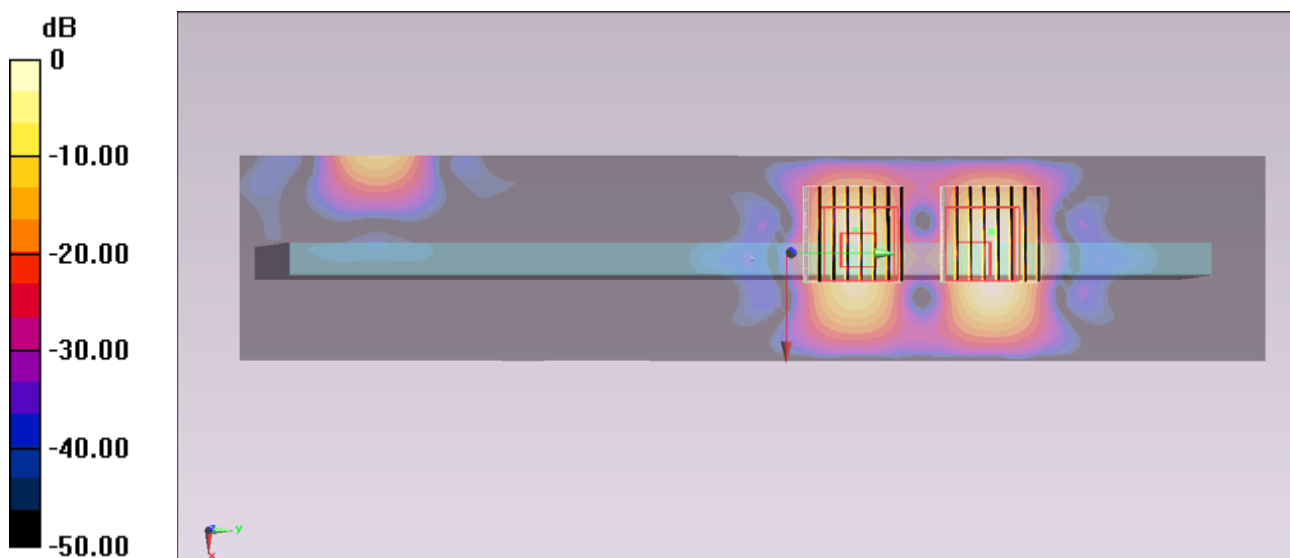
Ch36/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.469 V/m; Power Drift = 0.028 dB

Peak SAR (extrapolated) = 0.868 mW/g

SAR(1 g) = 0.261 mW/g; SAR(10 g) = 0.069 mW/g

Maximum value of SAR (measured) = 0.540 mW/g



0 dB = 0.342 mW/g = -9.32 dB mW/g

#08 WLAN5G_802.11a_Edge3_0cm_Ch36_2D

DUT: 283001

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120925 Medium parameters used: $f = 5180$ MHz; $\sigma = 5.257$ mho/m; $\epsilon_r = 48.801$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4.19, 4.19, 4.19); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch36/Area Scan (61x301x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.342 mW/g

Ch36/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.469 V/m; Power Drift = 0.028 dB

Peak SAR (extrapolated) = 3.607 mW/g

SAR(1 g) = 0.958 mW/g; SAR(10 g) = 0.244 mW/g

Maximum value of SAR (measured) = 1.96 mW/g

Ch36/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

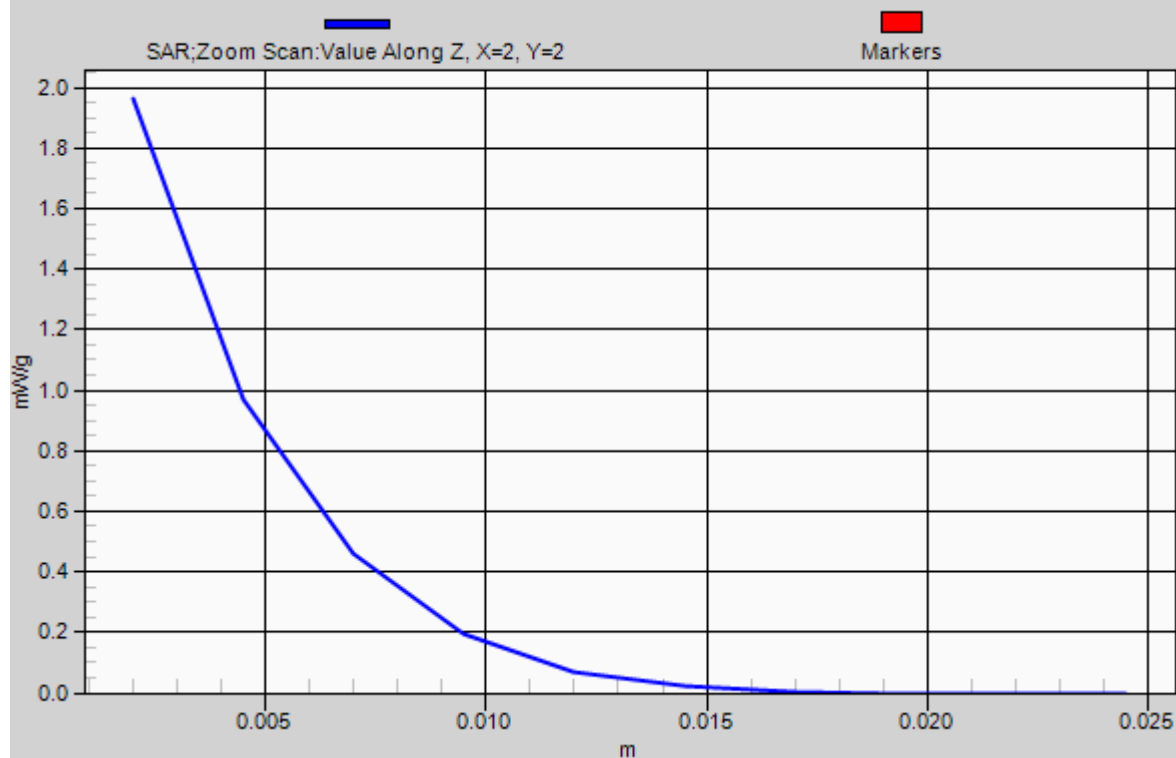
Reference Value = 2.469 V/m; Power Drift = 0.028 dB

Peak SAR (extrapolated) = 0.868 mW/g

SAR(1 g) = 0.261 mW/g; SAR(10 g) = 0.069 mW/g

Maximum value of SAR (measured) = 0.540 mW/g

1g/10g Averaged SAR



#09 WLAN5G_802.11a_Edge3_0cm_Ch48

DUT: 283001

Communication System: 802.11a; Frequency: 5240 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120925 Medium parameters used : $f = 5240$ MHz; $\sigma = 5.35$ mho/m; $\epsilon_r = 48.701$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4.19, 4.19, 4.19); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch48/Area Scan (61x301x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.263 mW/g

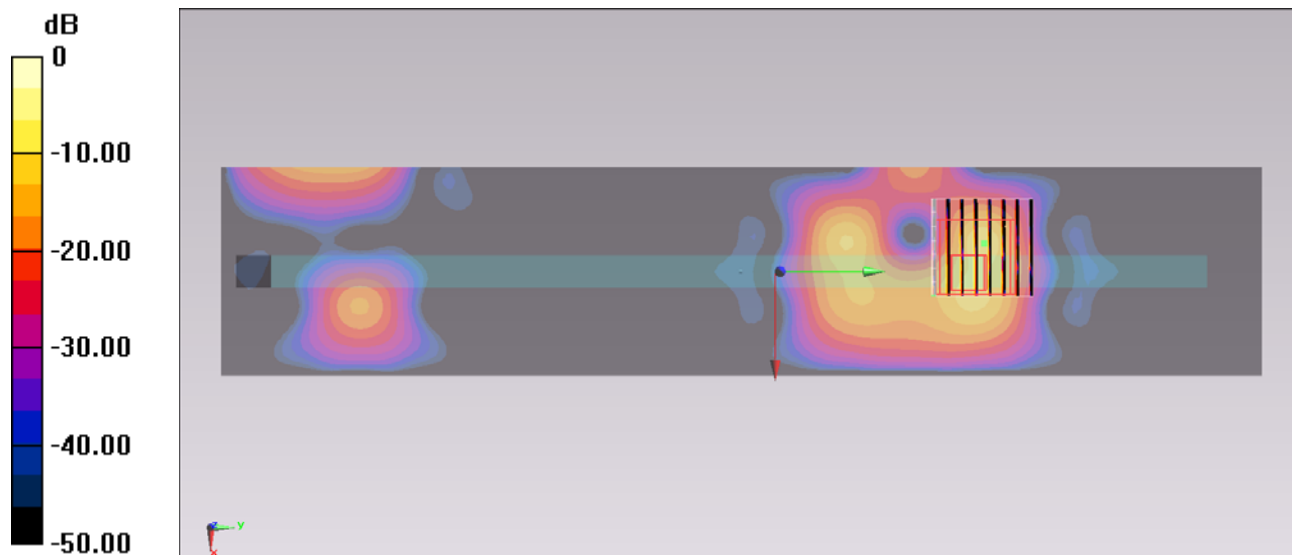
Ch48/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.546 V/m; Power Drift = -0.065 dB

Peak SAR (extrapolated) = 2.274 mW/g

SAR(1 g) = 0.635 mW/g; SAR(10 g) = 0.154 mW/g

Maximum value of SAR (measured) = 1.35 mW/g



0 dB = 1.35 mW/g = 2.61 dB mW/g

#10 WLAN5G_802.11a_Bottom Face_0cm_Ch52

DUT: 283001

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

Medium: MSL_5G_120925 Medium parameters used: $f = 5260$ MHz; $\sigma = 5.379$ mho/m; $\epsilon_r = 48.662$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4, 4, 4); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch52/Area Scan (221x301x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.550 mW/g

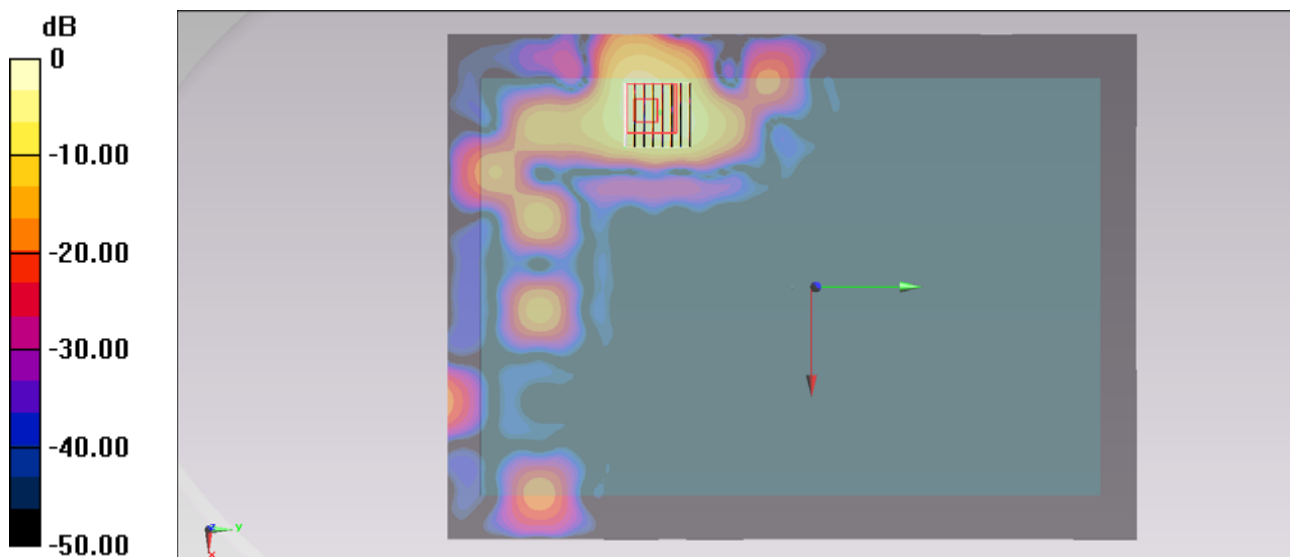
Configuration/Ch52/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 6.280 mW/g

SAR(1 g) = 0.635 mW/g; SAR(10 g) = 0.197 mW/g

Maximum value of SAR (measured) = 1.40 mW/g



0 dB = 1.40 mW/g = 2.92 dB mW/g

#11 WLAN5G_802.11a_Edge3_0cm_Ch52

DUT: 283001

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

Medium: MSL_5G_120925 Medium parameters used: $f = 5260$ MHz; $\sigma = 5.379$ mho/m; $\epsilon_r = 48.662$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4, 4, 4); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

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

Maximum value of SAR (interpolated) = 0.512 mW/g

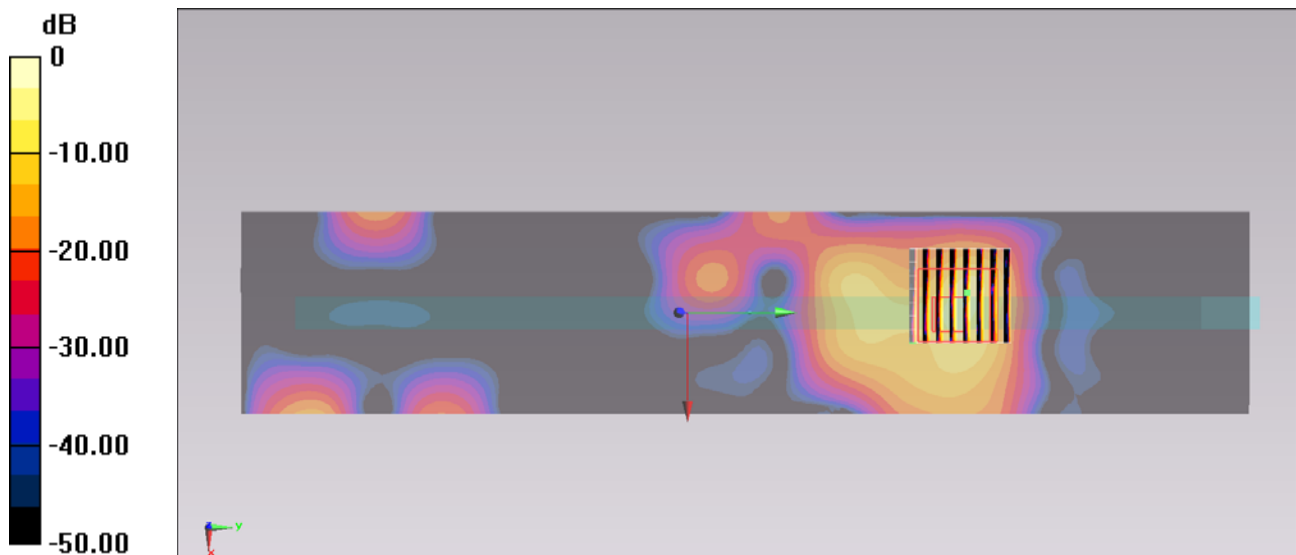
Ch52/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.117 V/m; Power Drift = -0.163 dB

Peak SAR (extrapolated) = 2.709 mW/g

SAR(1 g) = 0.701 mW/g; SAR(10 g) = 0.179 mW/g

Maximum value of SAR (measured) = 1.49 mW/g



0 dB = 1.49 mW/g = 3.46 dB mW/g

#11 WLAN5G_802.11a_Edge3_0cm_Ch52_2D

DUT: 283001

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

Medium: MSL_5G_120925 Medium parameters used: $f = 5260$ MHz; $\sigma = 5.379$ mho/m; $\epsilon_r = 48.662$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(4, 4, 4); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

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

Maximum value of SAR (interpolated) = 0.512 mW/g

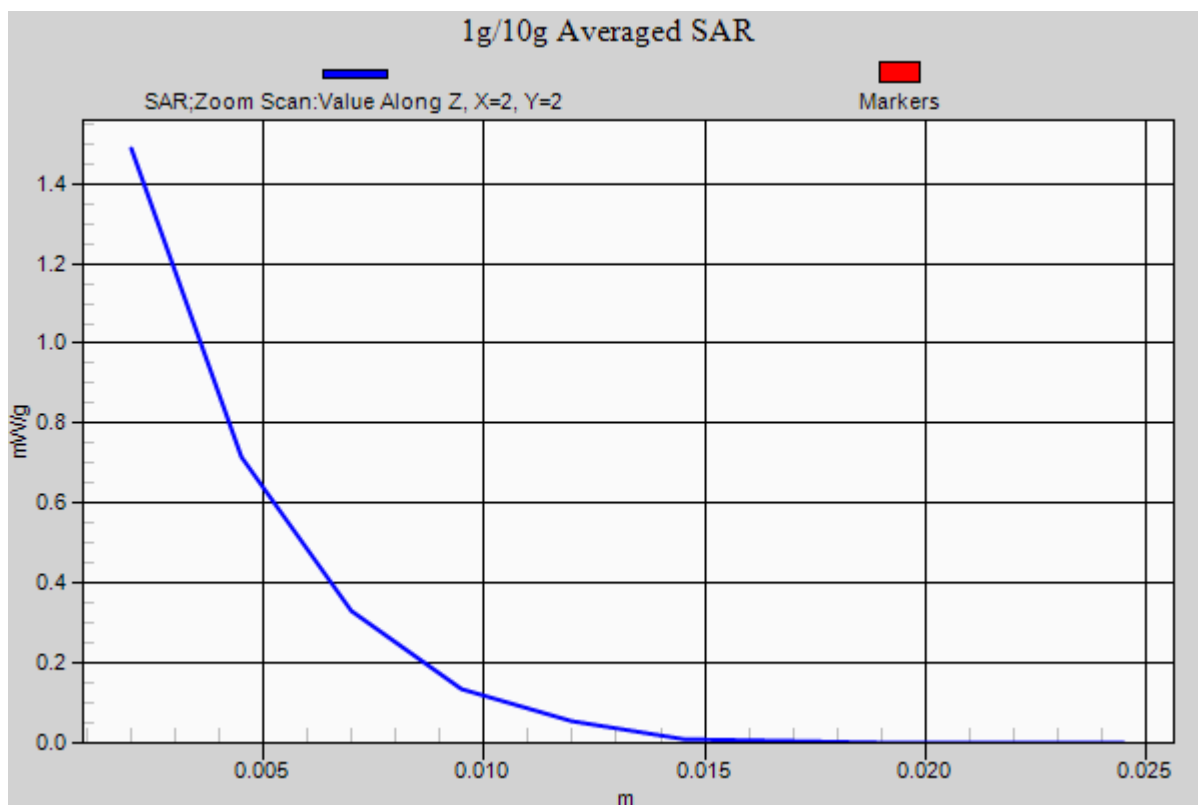
Ch52/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.117 V/m; Power Drift = -0.163 dB

Peak SAR (extrapolated) = 2.709 mW/g

SAR(1 g) = 0.701 mW/g; SAR(10 g) = 0.179 mW/g

Maximum value of SAR (measured) = 1.49 mW/g



#13 WLAN5G_802.11a_Bottom Face_0cm_Ch116

DUT: 283001

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120925 Medium parameters used: $f = 5580$ MHz; $\sigma = 5.831$ mho/m; $\epsilon_r = 47.933$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(3.43, 3.43, 3.43); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch116/Area Scan (201x301x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.42 mW/g

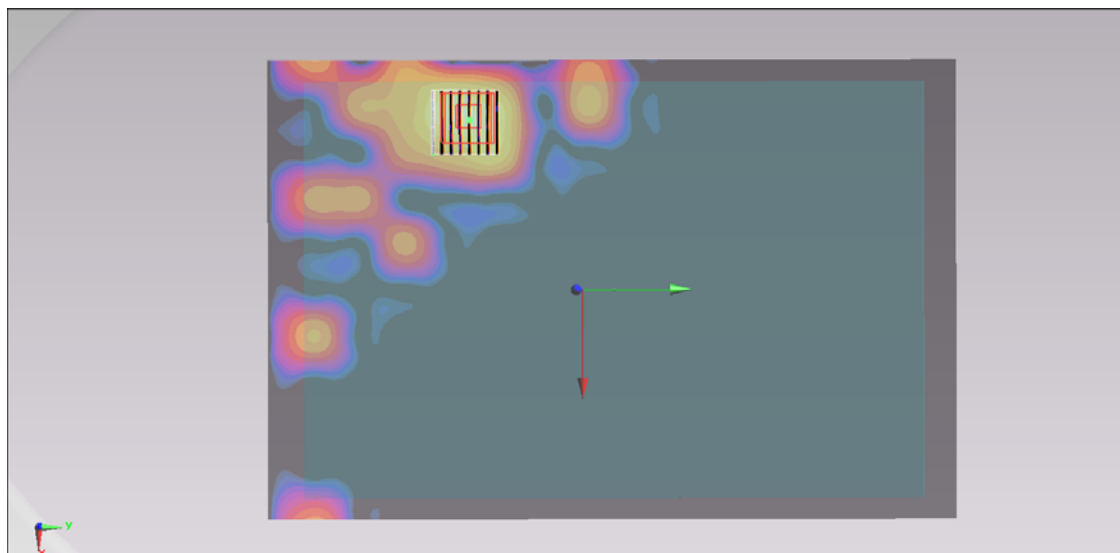
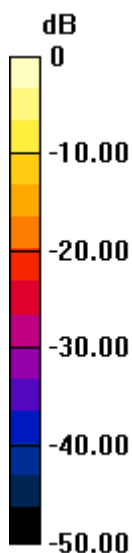
Ch116/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.105 dB

Peak SAR (extrapolated) = 4.333 mW/g

SAR(1 g) = 0.936 mW/g; SAR(10 g) = 0.226 mW/g

Maximum value of SAR (measured) = 2.37 mW/g



0 dB = 2.37 mW/g = 7.49 dB mW/g

#14 WLAN5G_802.11a_Bottom Face_0cm_Ch108

DUT: 283001

Communication System: 802.11a; Frequency: 5540 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120925 Medium parameters used: $f = 5540$ MHz; $\sigma = 5.776$ mho/m; $\epsilon_r = 48.032$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(3.7, 3.7, 3.7); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch108/Area Scan (101x301x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.25 mW/g

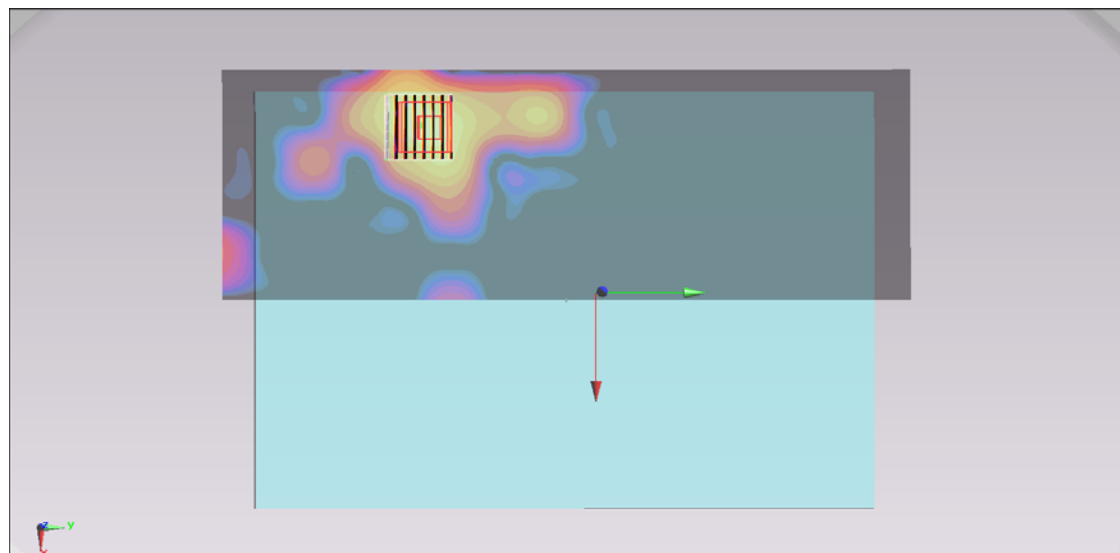
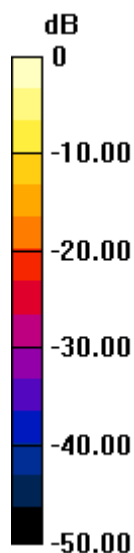
Ch108/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 5.263 mW/g

SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.263 mW/g

Maximum value of SAR (measured) = 2.75 mW/g



0 dB = 2.75 mW/g = 8.79 dB mW/g

#14 WLAN5G_802.11a_Bottom Face_0cm_Ch108_2D

DUT: 283001

Communication System: 802.11a; Frequency: 5540 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120925 Medium parameters used: $f = 5540$ MHz; $\sigma = 5.776$ mho/m; $\epsilon_r = 48.032$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(3.7, 3.7, 3.7); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch108/Area Scan (101x301x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.25 mW/g

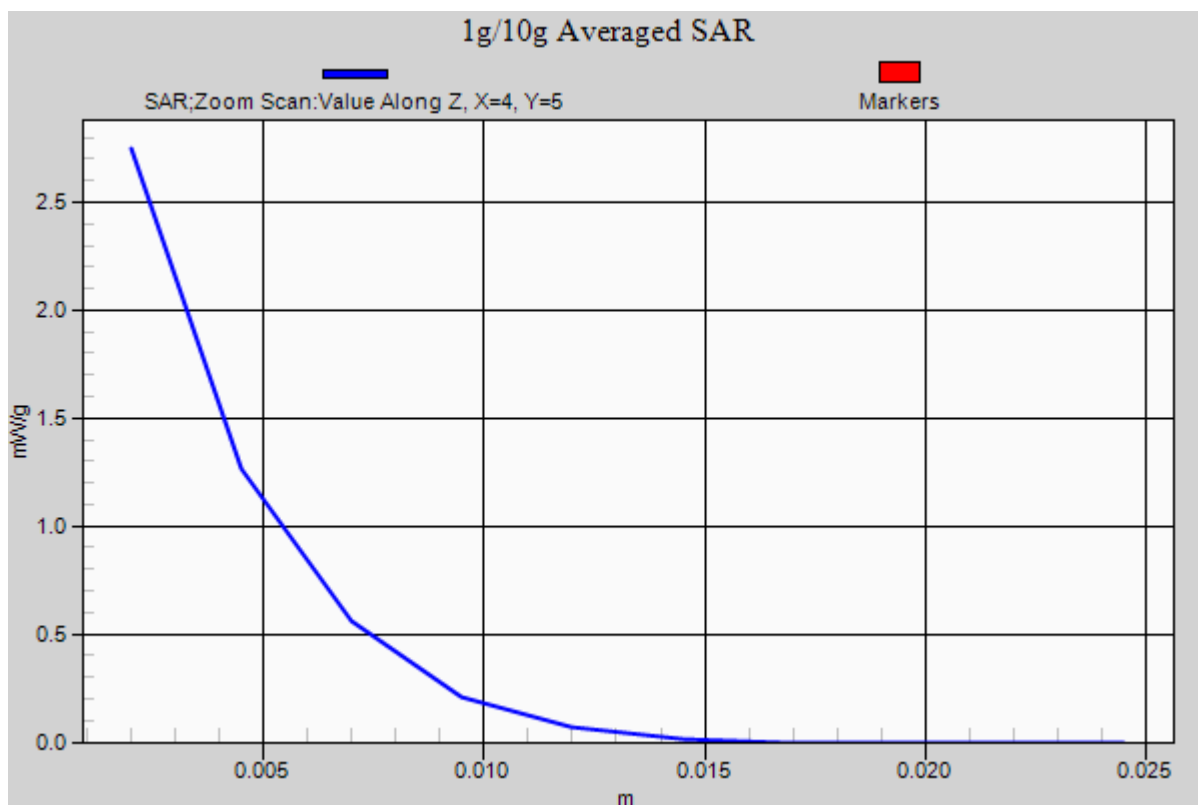
Ch108/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 5.263 mW/g

SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.263 mW/g

Maximum value of SAR (measured) = 2.75 mW/g



#15 WLAN5G_802.11a_Bottom Face_0cm_Ch140

DUT: 283001

Communication System: 802.11a; Frequency: 5700 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120925 Medium parameters used: $f = 5700$ MHz; $\sigma = 6.011$ mho/m; $\epsilon_r = 47.685$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(3.43, 3.43, 3.43); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch140/Area Scan (101x301x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.02 mW/g

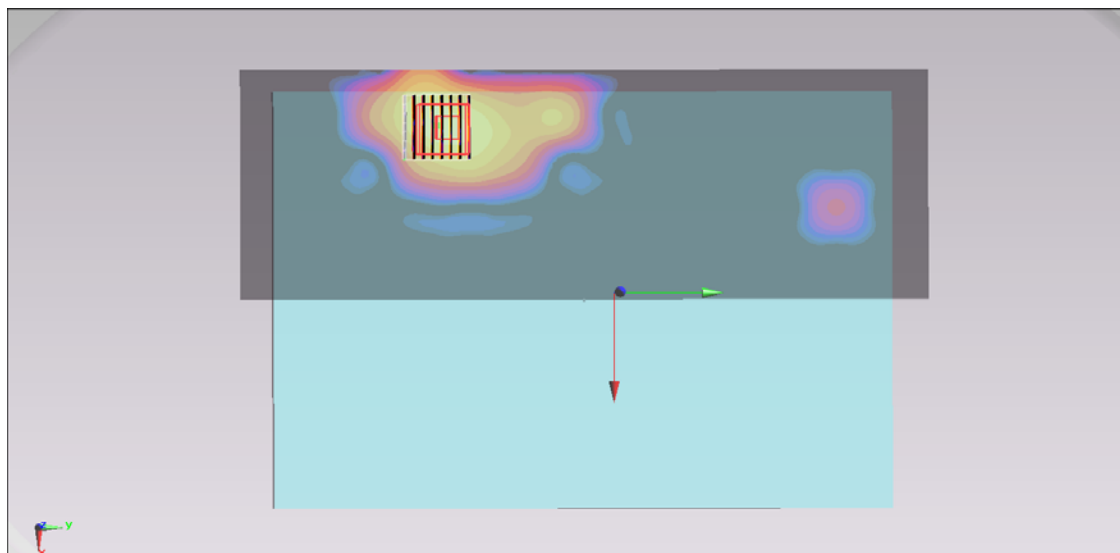
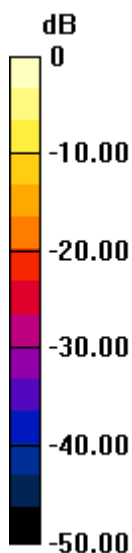
Ch140/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 4.792 mW/g

SAR(1 g) = 0.938 mW/g; SAR(10 g) = 0.207 mW/g

Maximum value of SAR (measured) = 2.34 mW/g



0 dB = 2.34 mW/g = 7.38 dB mW/g

#16 WLAN5G_802.11a_Edge3_0cm_Ch116

DUT: 283001

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120925 Medium parameters used: $f = 5580$ MHz; $\sigma = 5.831$ mho/m; $\epsilon_r = 47.933$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(3.43, 3.43, 3.43); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch116/Area Scan (61x301x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.285 mW/g

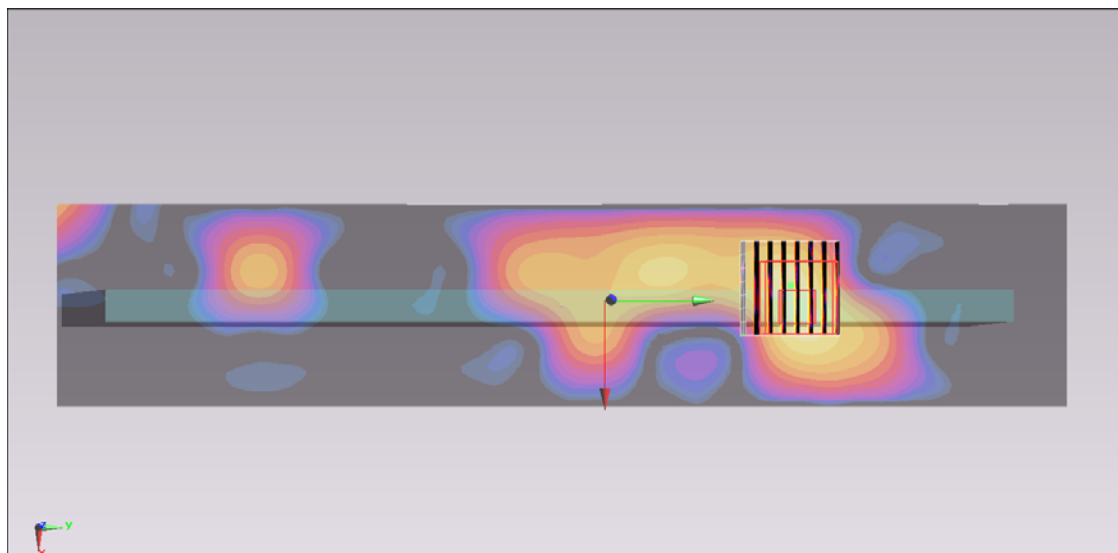
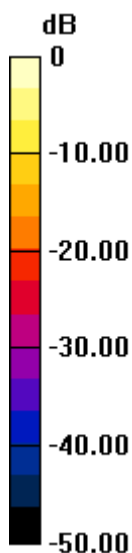
Ch116/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.742 V/m; Power Drift = -0.189 dB

Peak SAR (extrapolated) = 1.258 mW/g

SAR(1 g) = 0.315 mW/g; SAR(10 g) = 0.076 mW/g

Maximum value of SAR (measured) = 0.755 mW/g



0 dB = 0.755 mW/g = -2.44 dB mW/g

#17 WLAN5G_802.11a_Bottom Face_0cm_Ch165

DUT: 283001

Communication System: 802.11a; Frequency: 5825 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120923 Medium parameters used : $f = 5825$ MHz; $\sigma = 6.16$ mho/m; $\epsilon_r = 47.269$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(3.43, 3.43, 3.43); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch165/Area Scan (221x301x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.69 mW/g

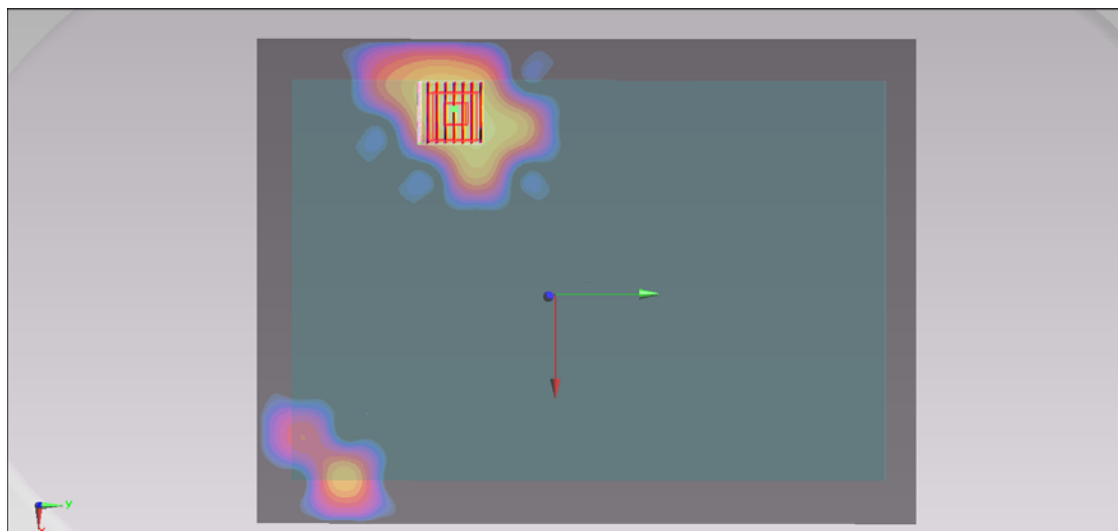
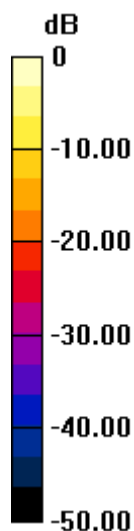
Ch165/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.001 dB

Peak SAR (extrapolated) = 7.436 mW/g

SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.293 mW/g

Maximum value of SAR (measured) = 3.22 mW/g



0 dB = 3.22 mW/g = 10.16 dB mW/g

#17 WLAN5G_802.11a_Bottom Face_0cm_Ch165_2D

DUT: 283001

Communication System: 802.11a; Frequency: 5825 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120923 Medium parameters used : $f = 5825$ MHz; $\sigma = 6.16$ mho/m; $\epsilon_r = 47.269$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(3.43, 3.43, 3.43); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch165/Area Scan (221x301x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.69 mW/g

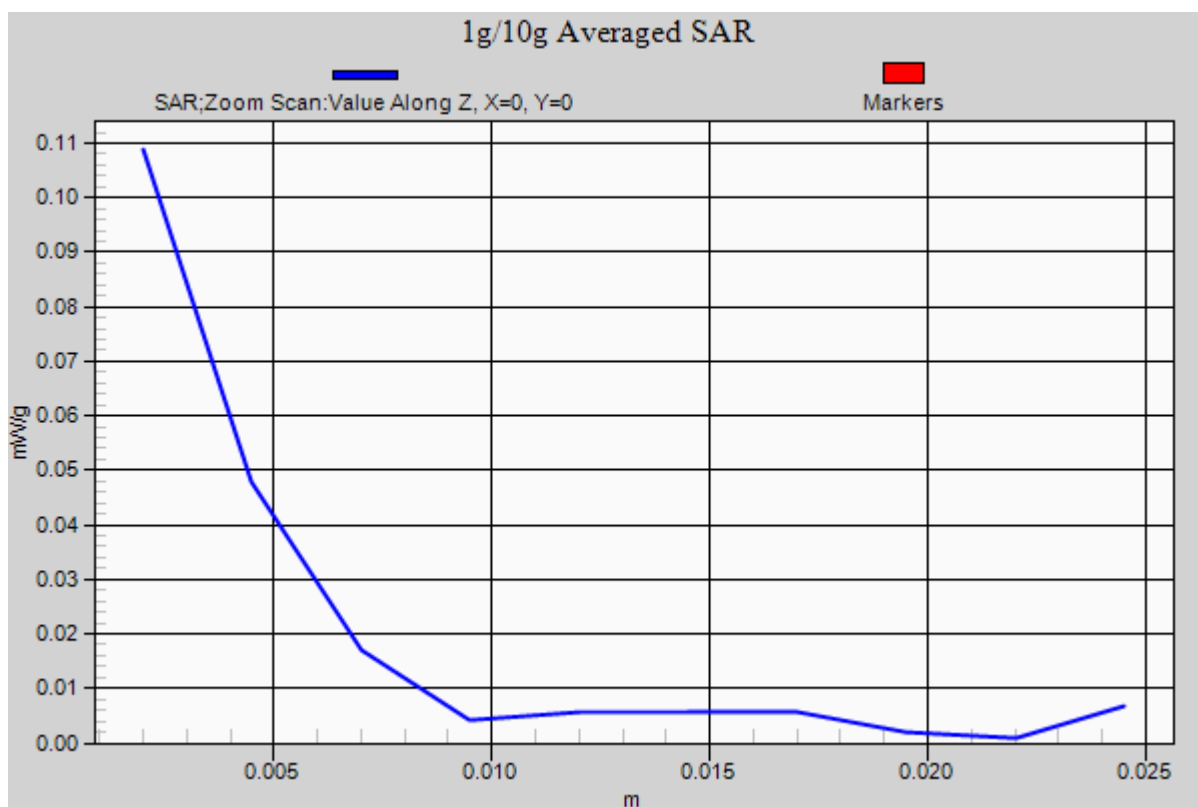
Ch165/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.001 dB

Peak SAR (extrapolated) = 7.436 mW/g

SAR(1 g) = 1.31 mW/g; SAR(10 g) = 0.293 mW/g

Maximum value of SAR (measured) = 3.22 mW/g



#18 WLAN5G_802.11a_Bottom Face_0cm_Ch149

DUT: 283001

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120923 Medium parameters used : $f = 5745$ MHz; $\sigma = 6.062$ mho/m; $\epsilon_r = 47.59$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(3.43, 3.43, 3.43); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch149/Area Scan (101x301x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.995 mW/g

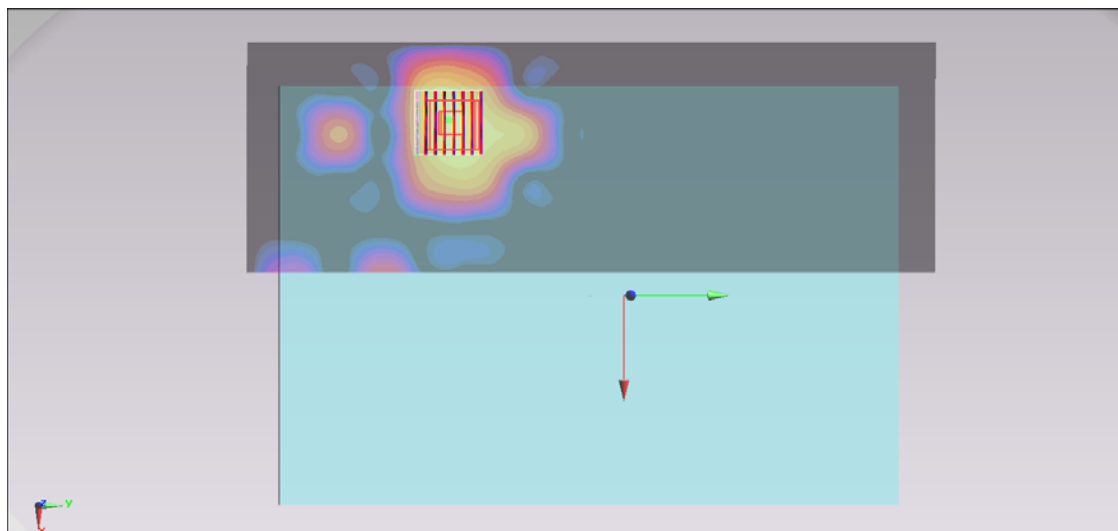
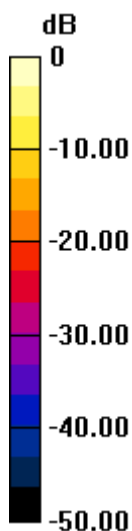
Ch149/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.002 dB

Peak SAR (extrapolated) = 5.225 mW/g

SAR(1 g) = 0.976 mW/g; SAR(10 g) = 0.214 mW/g

Maximum value of SAR (measured) = 2.50 mW/g



0 dB = 2.50 mW/g = 7.96 dB mW/g

#19 WLAN5G_802.11a_Bottom Face_0cm_Ch157

DUT: 283001

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

Medium: MSL_5G_120923 Medium parameters used : $f = 5785$ MHz; $\sigma = 6.105$ mho/m; $\epsilon_r = 47.44$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(3.43, 3.43, 3.43); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch157/Area Scan (51x151x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.915 mW/g

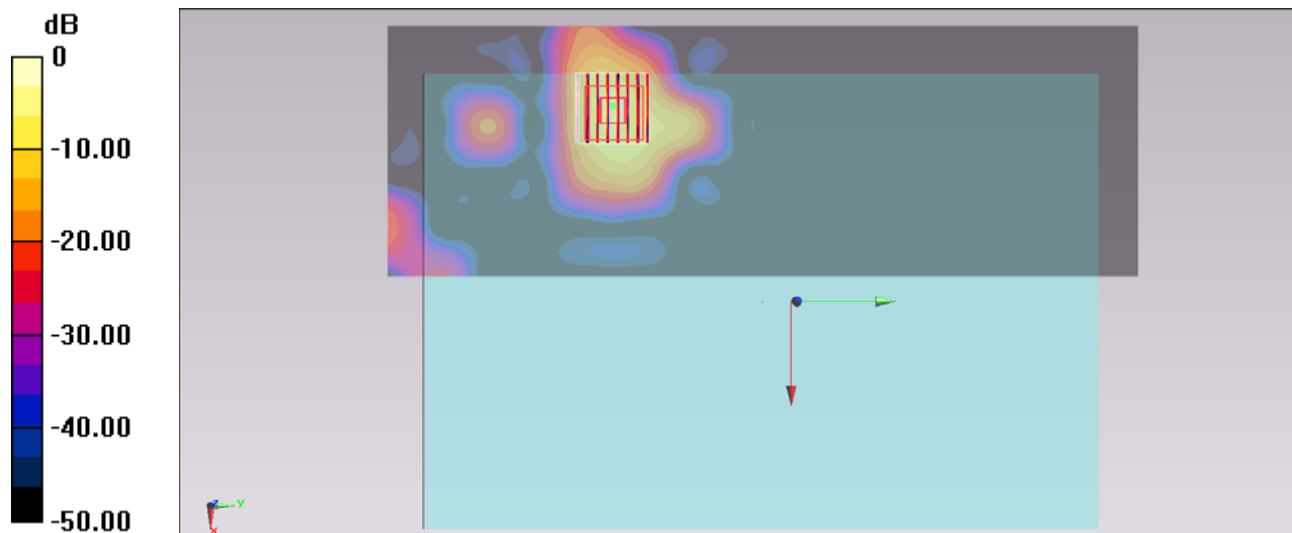
Ch157/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.001 dB

Peak SAR (extrapolated) = 6.252 mW/g

SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.260 mW/g

Maximum value of SAR (measured) = 2.93 mW/g



0 dB = 2.93 mW/g = 9.34 dB mW/g

#20 WLAN5G_802.11a_Edge3_0cm_Ch165

DUT: 283001

Communication System: 802.11a; Frequency: 5825 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120923 Medium parameters used : $f = 5825$ MHz; $\sigma = 6.16$ mho/m; $\epsilon_r = 47.269$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(3.43, 3.43, 3.43); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch165/Area Scan (61x301x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.447 mW/g

Ch165/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.691 V/m; Power Drift = 0.071 dB

Peak SAR (extrapolated) = 1.762 mW/g

SAR(1 g) = 0.405 mW/g; SAR(10 g) = 0.097 mW/g

Maximum value of SAR (measured) = 0.863 mW/g

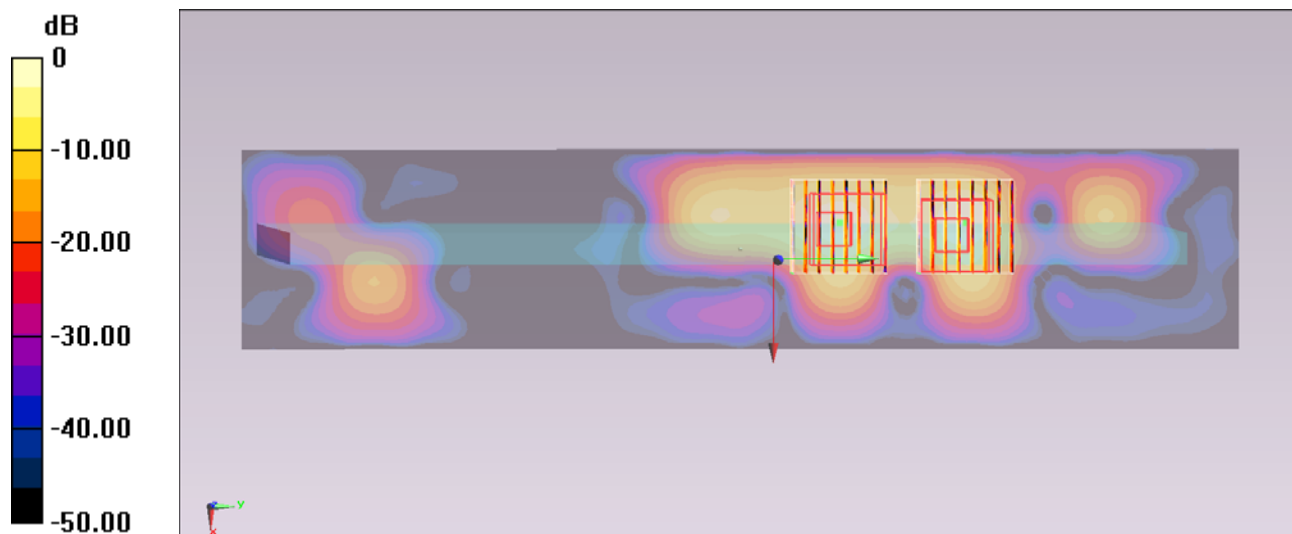
Ch165/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.691 V/m; Power Drift = 0.071 dB

Peak SAR (extrapolated) = 0.992 mW/g

SAR(1 g) = 0.162 mW/g; SAR(10 g) = 0.045 mW/g

Maximum value of SAR (measured) = 0.339 mW/g



0 dB = 0.339 mW/g = -9.40 dB mW/g