

#13 WLAN2.4G_802.11b_Bottom Face_0cm_Ch11

DUT: 291203

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

Medium: MSL_2450_121009 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.982$ mho/m; $\epsilon_r = 53.803$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.43, 6.43, 6.43); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch11/Area Scan (101x151x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.785 mW/g

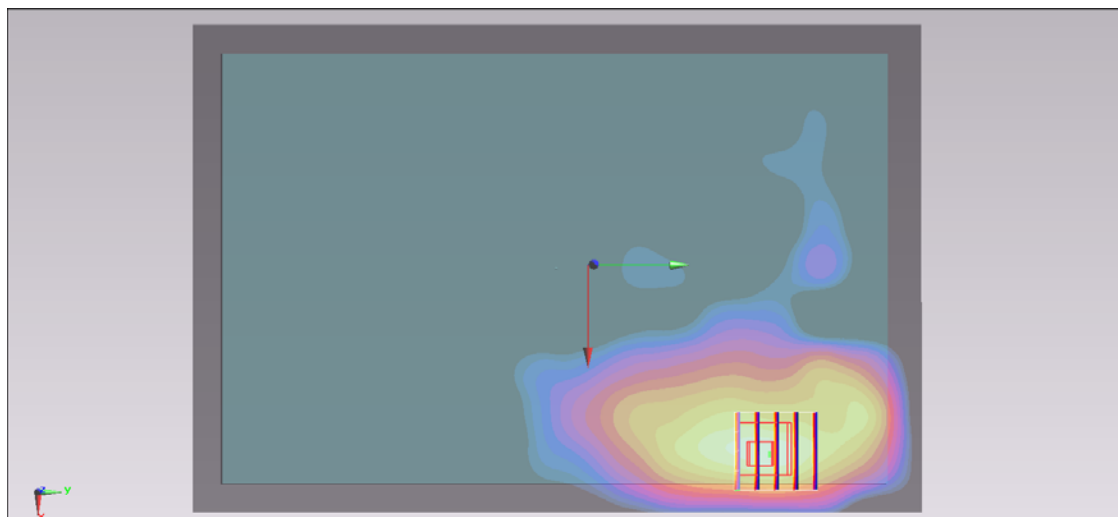
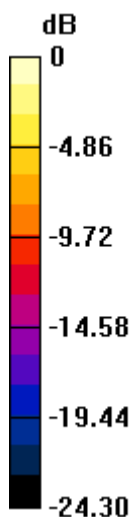
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.393 V/m; Power Drift = 0.089 dB

Peak SAR (extrapolated) = 1.561 mW/g

SAR(1 g) = 0.627 mW/g; SAR(10 g) = 0.270 mW/g

Maximum value of SAR (measured) = 0.761 mW/g



0 dB = 0.761 mW/g = -2.37 dB mW/g

#13 WLAN2.4G_802.11b_Bottom Face_0cm_Ch11_2D

DUT: 291203

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

Medium: MSL_2450_121009 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.982$ mho/m; $\epsilon_r = 53.803$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.43, 6.43, 6.43); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch11/Area Scan (101x151x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.785 mW/g

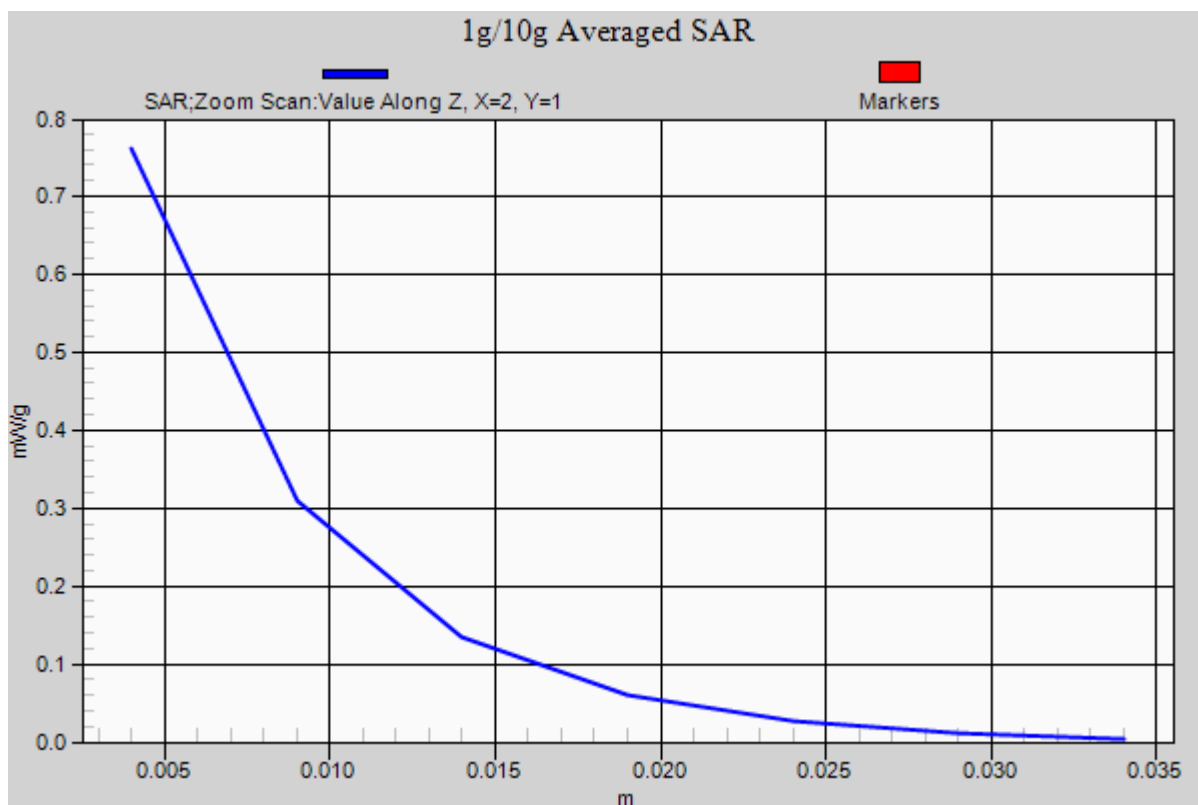
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.393 V/m; Power Drift = 0.089 dB

Peak SAR (extrapolated) = 1.561 mW/g

SAR(1 g) = 0.627 mW/g; SAR(10 g) = 0.270 mW/g

Maximum value of SAR (measured) = 0.761 mW/g



#14 WLAN2.4G_802.11b_Edge1_0cm_Ch11

DUT: 291203

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

Medium: MSL_2450_121009 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.982$ mho/m; $\epsilon_r = 53.803$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.43, 6.43, 6.43); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

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

Maximum value of SAR (interpolated) = 0.479 mW/g

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

Reference Value = 5.123 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.232 mW/g

SAR(1 g) = 0.578 mW/g; SAR(10 g) = 0.243 mW/g

Maximum value of SAR (measured) = 0.598 mW/g

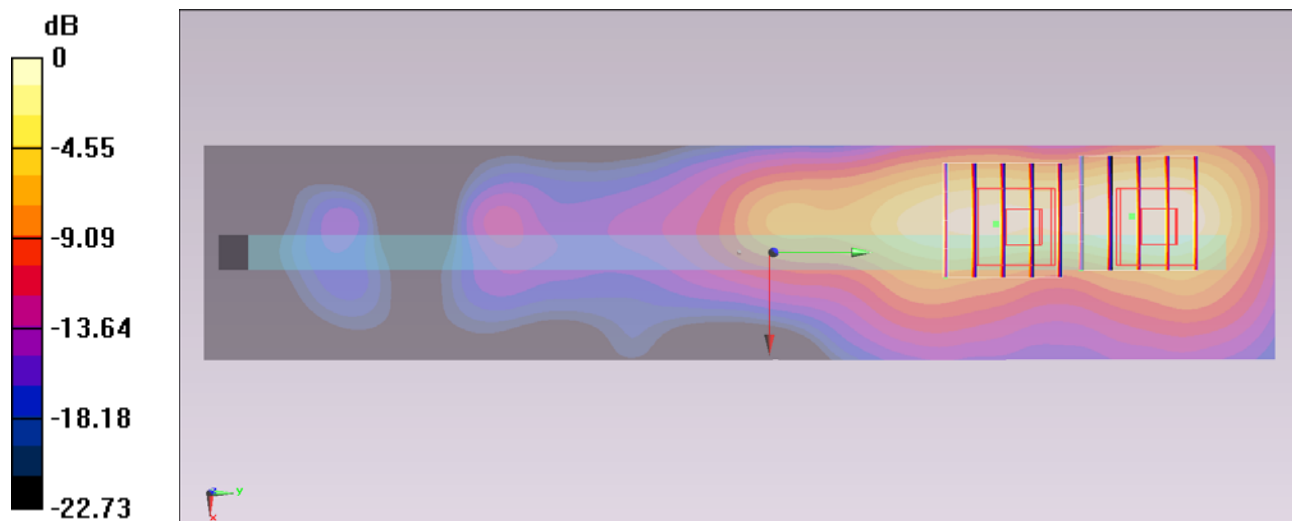
Ch11/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.123 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.860 mW/g

SAR(1 g) = 0.366 mW/g; SAR(10 g) = 0.161 mW/g

Maximum value of SAR (measured) = 0.412 mW/g



0 dB = 0.412 mW/g = -7.70 dB mW/g

#15 WLAN2.4G_802.11b_Edge2_0cm_Ch11

DUT: 291203

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

Medium: MSL_2450_121009 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.982$ mho/m; $\epsilon_r = 53.803$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3578; ConvF(6.43, 6.43, 6.43); Calibrated: 2012/6/21;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch11/Area Scan (31x11x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.119 mW/g

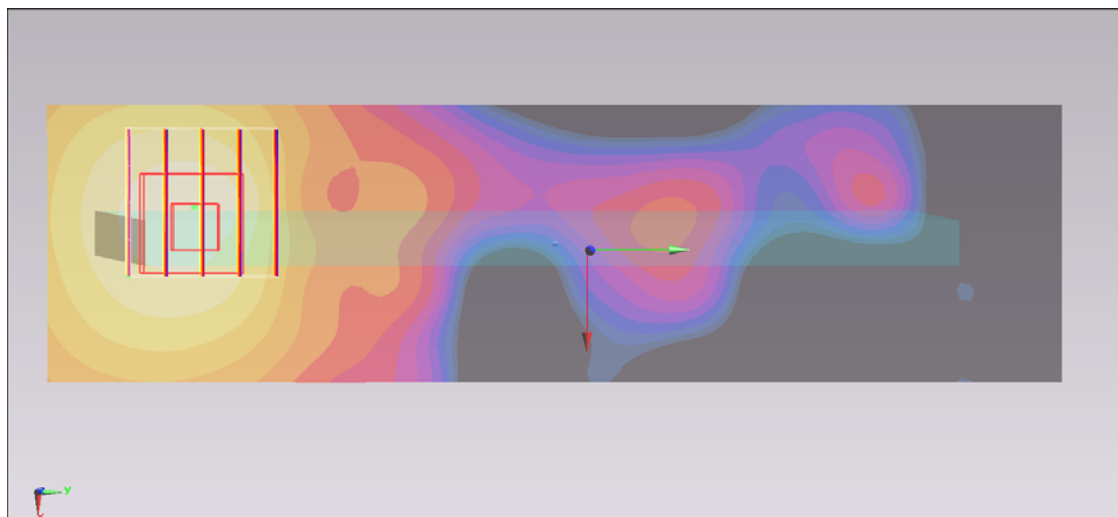
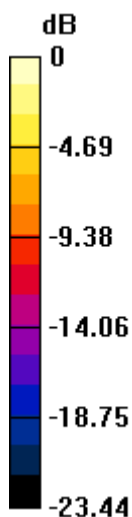
Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.259 V/m; Power Drift = 0.078 dB

Peak SAR (extrapolated) = 0.236 mW/g

SAR(1 g) = 0.118 mW/g; SAR(10 g) = 0.063 mW/g

Maximum value of SAR (measured) = 0.129 mW/g



0 dB = 0.129 mW/g = -17.79 dB mW/g

#01 WLAN5G_802.11a_Bottom Face_0cm_Ch44

DUT: 291203

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

Medium: MSL_5G_120929 Medium parameters used: $f = 5220$ MHz; $\sigma = 5.309$ mho/m; $\epsilon_r = 48.504$; $\rho =$

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)

Ch44/Area Scan (201x301x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.733 mW/g

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

Reference Value = 0.068 V/m; Power Drift = -0.142 dB

Peak SAR (extrapolated) = 1.991 mW/g

SAR(1 g) = 0.500 mW/g; SAR(10 g) = 0.121 mW/g

Maximum value of SAR (measured) = 1.14 mW/g

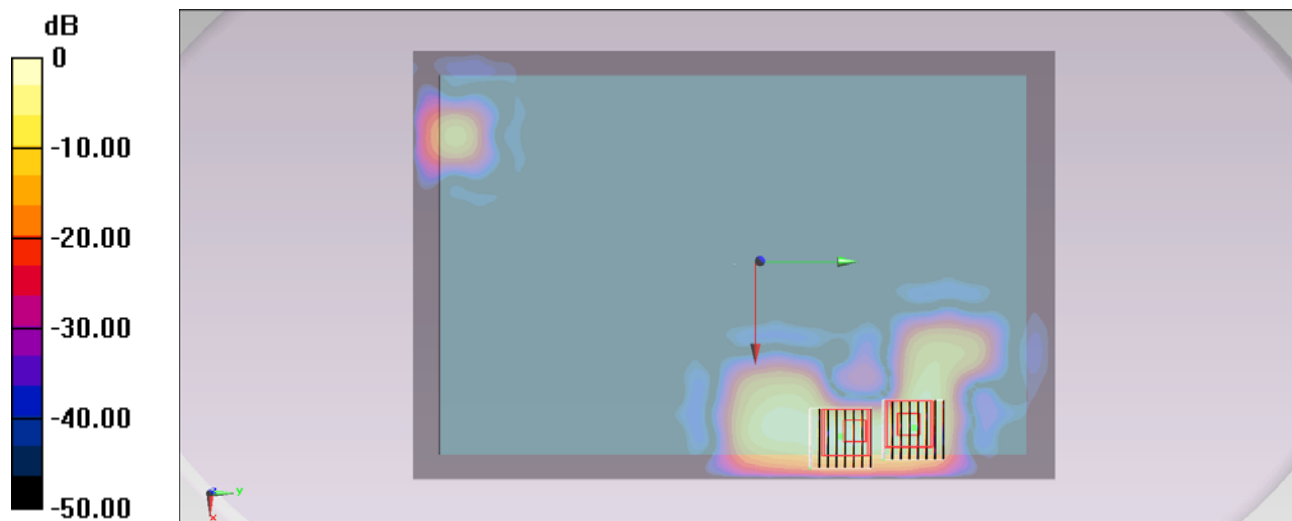
Ch44/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.068 V/m; Power Drift = -0.142 dB

Peak SAR (extrapolated) = 1.634 mW/g

SAR(1 g) = 0.436 mW/g; SAR(10 g) = 0.124 mW/g

Maximum value of SAR (measured) = 0.891 mW/g



0 dB = 0.891 mW/g = -1.00 dB mW/g

#02 WLAN5G_802.11a_Edge1_0cm_Ch44

DUT: 291203

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

Medium: MSL_5G_120929 Medium parameters used: $f = 5220$ MHz; $\sigma = 5.309$ mho/m; $\epsilon_r = 48.504$; $\rho =$

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)

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

Maximum value of SAR (interpolated) = 0.689 mW/g

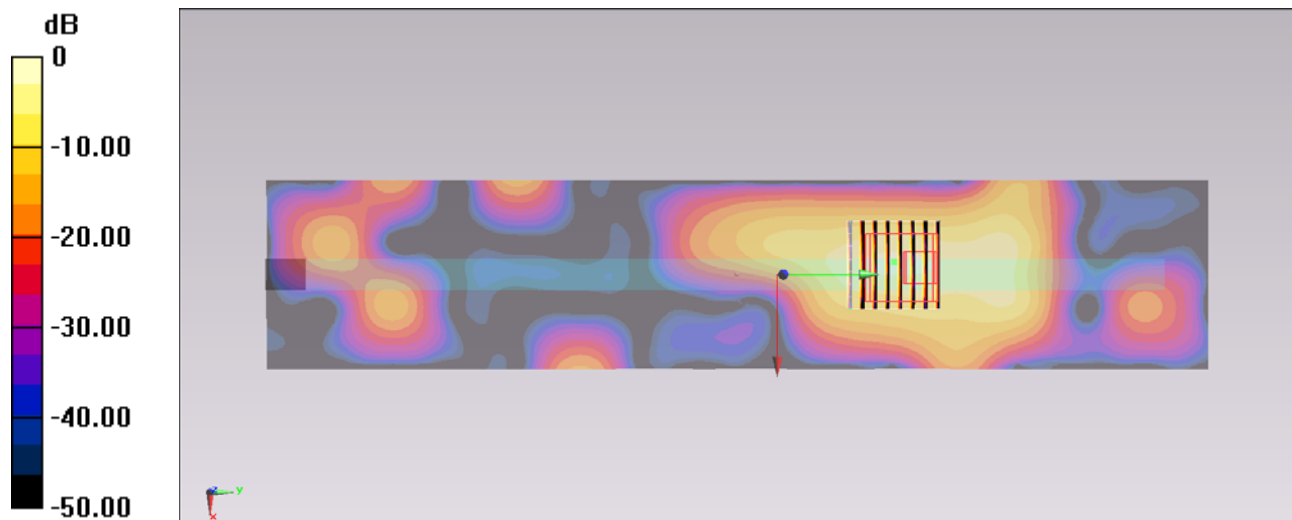
Ch44/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.442 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 2.074 mW/g

SAR(1 g) = 0.581 mW/g; SAR(10 g) = 0.172 mW/g

Maximum value of SAR (measured) = 1.20 mW/g



0 dB = 1.20 mW/g = 1.58 dB mW/g

#02 WLAN5G_802.11a_Edge1_0cm_Ch44_2D

DUT: 291203

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

Medium: MSL_5G_120929 Medium parameters used: $f = 5220$ MHz; $\sigma = 5.309$ mho/m; $\epsilon_r = 48.504$; $\rho =$

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)

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

Maximum value of SAR (interpolated) = 0.689 mW/g

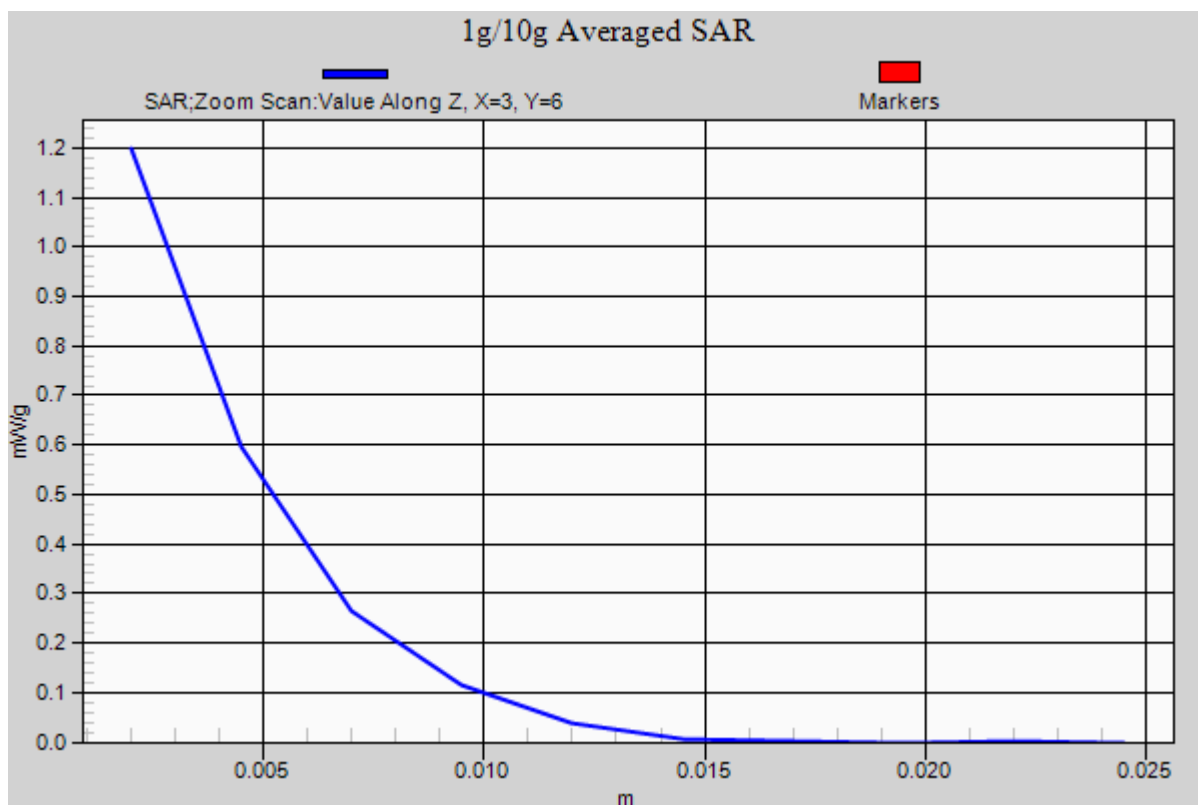
Ch44/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.442 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 2.074 mW/g

SAR(1 g) = 0.581 mW/g; SAR(10 g) = 0.172 mW/g

Maximum value of SAR (measured) = 1.20 mW/g



#03 WLAN5G_802.11a_Edge2_0cm_Ch44

DUT: 291203

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

Medium: MSL_5G_120929 Medium parameters used: $f = 5220$ MHz; $\sigma = 5.309$ mho/m; $\epsilon_r = 48.504$; $\rho =$

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)

Ch44/Area Scan (61x221x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.0916 mW/g

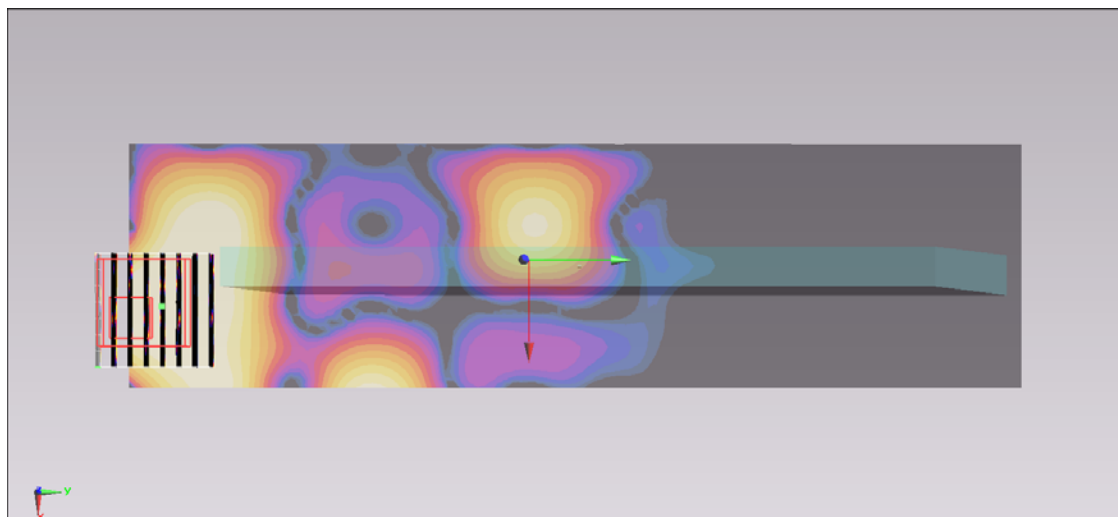
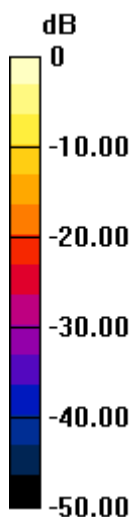
Ch44/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.519 V/m; Power Drift = -0.174 dB

Peak SAR (extrapolated) = 0.034 mW/g

SAR(1 g) = 0.00177 mW/g; SAR(10 g) = 0.000507 mW/g

Maximum value of SAR (measured) = 0.0265 mW/g



0 dB = 0.0265 mW/g = -31.54 dB mW/g

#04 WLAN5G_802.11a_Bottom Face_0cm_Ch56

DUT: 291203

Communication System: 802.11a; Frequency: 5280 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120929 Medium parameters used : $f = 5280$ MHz; $\sigma = 5.392$ mho/m; $\epsilon_r = 48.375$; $\rho =$

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)

Ch56/Area Scan (201x301x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.761 mW/g

Ch56/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.108 V/m; Power Drift = -0.007 dB

Peak SAR (extrapolated) = 3.027 mW/g

SAR(1 g) = 0.649 mW/g; SAR(10 g) = 0.152 mW/g

Maximum value of SAR (measured) = 1.34 mW/g

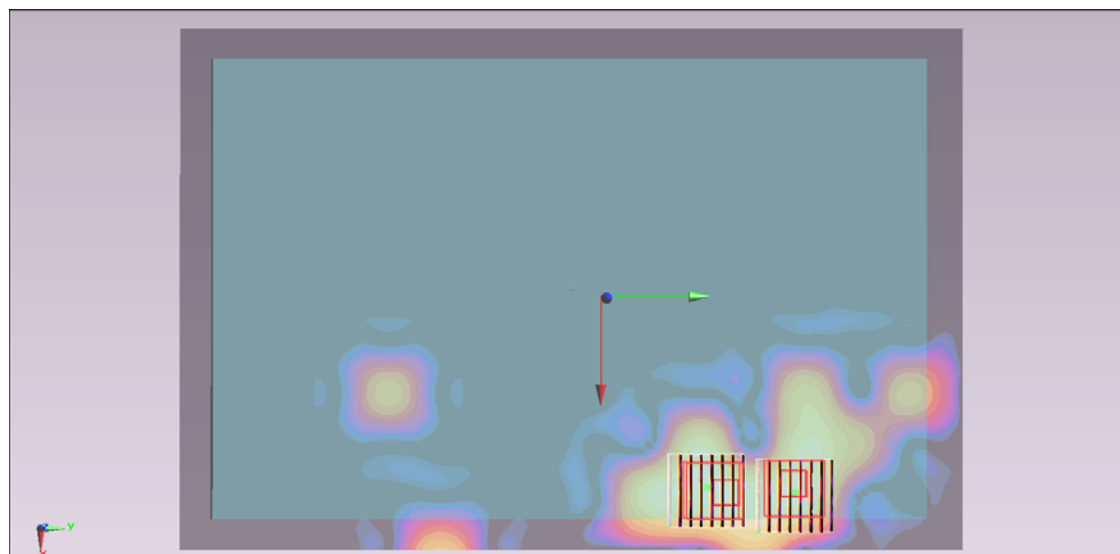
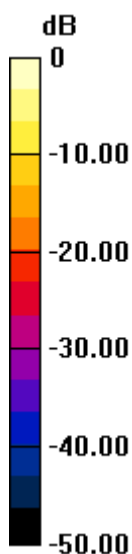
Ch56/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.108 V/m; Power Drift = -.007 dB

Peak SAR (extrapolated) = 1.982 mW/g

SAR(1 g) = 0.481 mW/g; SAR(10 g) = 0.139 mW/g

Maximum value of SAR (measured) = 1.00 mW/g



0 dB = 1.00 mW/g = 0.00 dB mW/g

#05 WLAN5G_802.11a_Edge1_0cm_Ch56

DUT: 291203

Communication System: 802.11a; Frequency: 5280 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120929 Medium parameters used : $f = 5280$ MHz; $\sigma = 5.392$ mho/m; $\epsilon_r = 48.375$; $\rho =$

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)

Ch56/Area Scan (61x301x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.835 mW/g

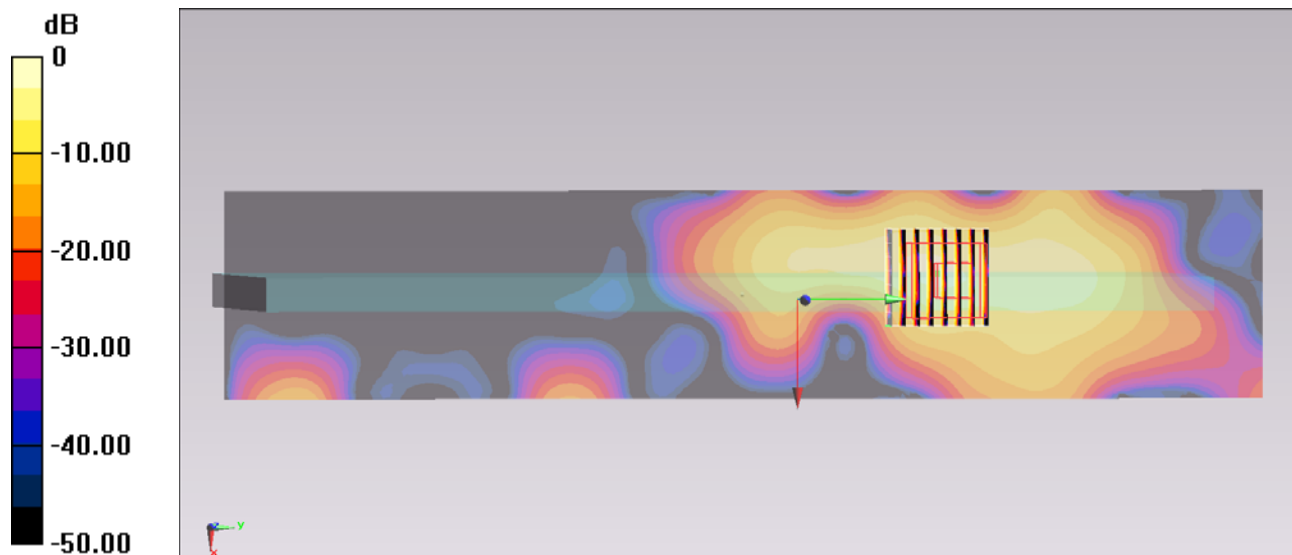
Ch56/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.542 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.587 mW/g

SAR(1 g) = 0.714 mW/g; SAR(10 g) = 0.221 mW/g

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



0 dB = 1.42 mW/g = 3.05 dB mW/g

#05 WLAN5G_802.11a_Edge1_0cm_Ch56_2D

DUT: 291203

Communication System: 802.11a; Frequency: 5280 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120929 Medium parameters used : $f = 5280$ MHz; $\sigma = 5.392$ mho/m; $\epsilon_r = 48.375$; $\rho =$

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)

Ch56/Area Scan (61x301x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.835 mW/g

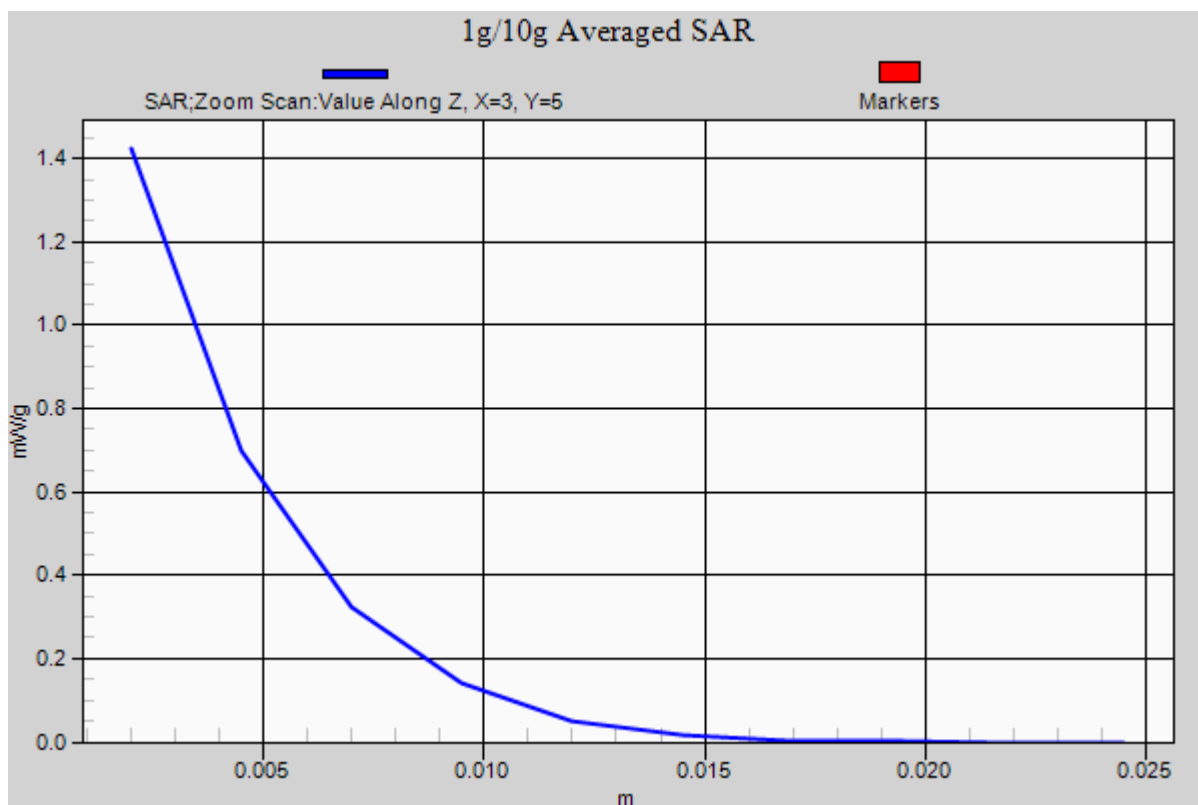
Ch56/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.542 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.587 mW/g

SAR(1 g) = 0.714 mW/g; SAR(10 g) = 0.221 mW/g

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



#06 WLAN5G_802.11a_Edge2_0cm_Ch56

DUT: 291203

Communication System: 802.11a; Frequency: 5280 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120929 Medium parameters used : $f = 5280$ MHz; $\sigma = 5.392$ mho/m; $\epsilon_r = 48.375$; $\rho =$

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)

Ch56/Area Scan (61x221x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.0321 mW/g

Ch56/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.730 V/m; Power Drift = -0.007 dB

Peak SAR (extrapolated) = 0.260 mW/g

SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.00427 mW/g

Maximum value of SAR (measured) = 0.0531 mW/g

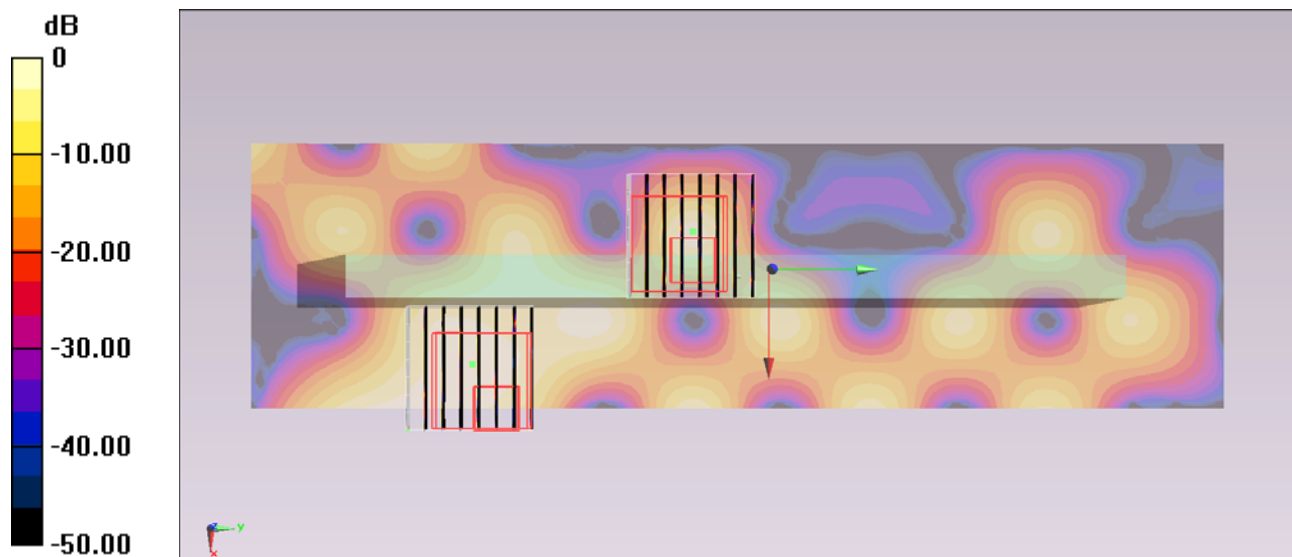
Ch56/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.730 V/m; Power Drift = -0.007 dB

Peak SAR (extrapolated) = 0.231 mW/g

SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.0026 mW/g

Maximum value of SAR (measured) = 0.0404 mW/g



0 dB = 0.0404 mW/g = -27.87 dB mW/g

#07 WLAN5G_802.11a_Bottom Face_0cm_Ch100

DUT: 291203

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120929 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.717$ mho/m; $\epsilon_r = 47.955$; $\rho =$

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)

Ch100/Area Scan (201x301x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.872 mW/g

Ch100/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.434 V/m; Power Drift = -0.112 dB

Peak SAR (extrapolated) = 2.469 mW/g

SAR(1 g) = 0.485 mW/g; SAR(10 g) = 0.142 mW/g

Maximum value of SAR (measured) = 1.08 mW/g

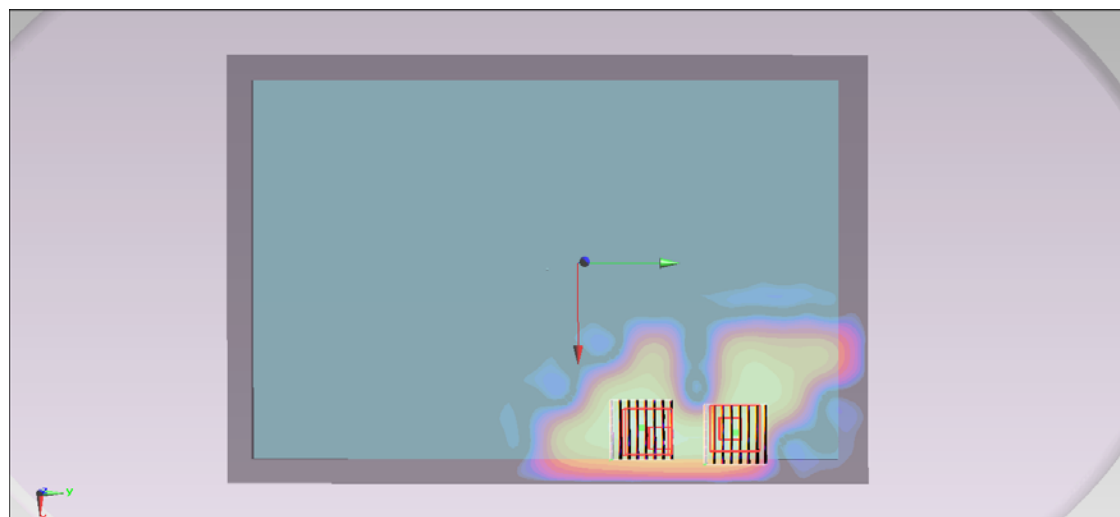
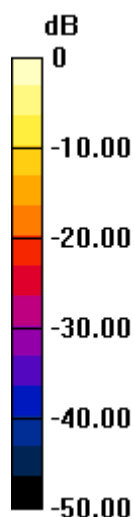
Ch100/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.434 V/m; Power Drift = -0.112 dB

Peak SAR (extrapolated) = 4.464 mW/g

SAR(1 g) = 0.376 mW/g; SAR(10 g) = 0.108 mW/g

Maximum value of SAR (measured) = 1.37 mW/g



0 dB = 1.37 mW/g = 2.73 dB mW/g

#08 WLAN5G_802.11a_Edge1_0cm_Ch100

DUT: 291203

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120929 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.717$ mho/m; $\epsilon_r = 47.955$; $\rho =$

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)

Ch100/Area Scan (61x301x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.824 mW/g

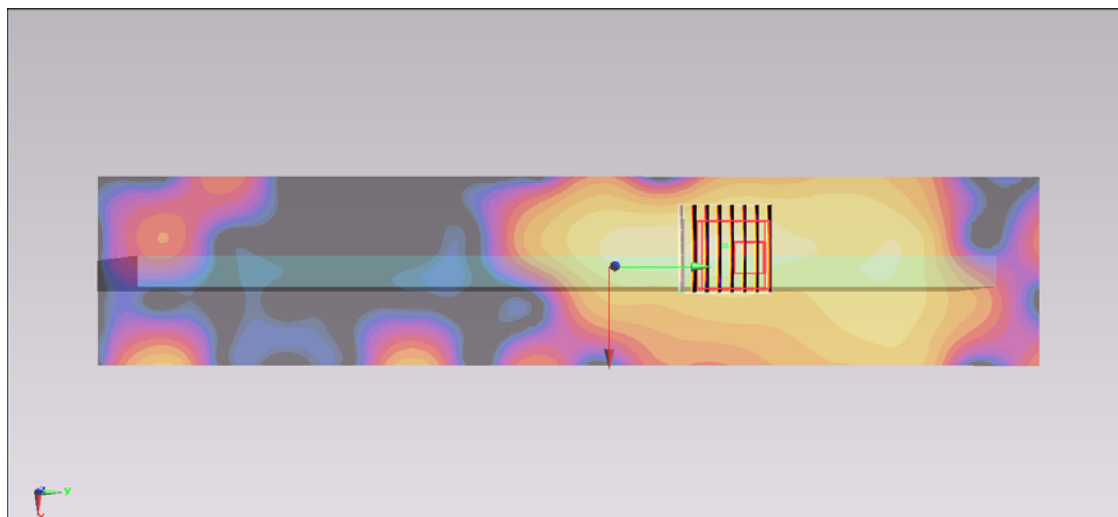
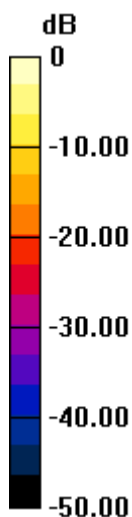
Ch100/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.962 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.712 mW/g

SAR(1 g) = 0.703 mW/g; SAR(10 g) = 0.198 mW/g

Maximum value of SAR (measured) = 1.47 mW/g



0 dB = 1.47 mW/g = 3.35 dB mW/g

#08 WLAN5G_802.11a_Edge1_0cm_Ch100_2D

DUT: 291203

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120929 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.717$ mho/m; $\epsilon_r = 47.955$; $\rho =$

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)

Ch100/Area Scan (61x301x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.824 mW/g

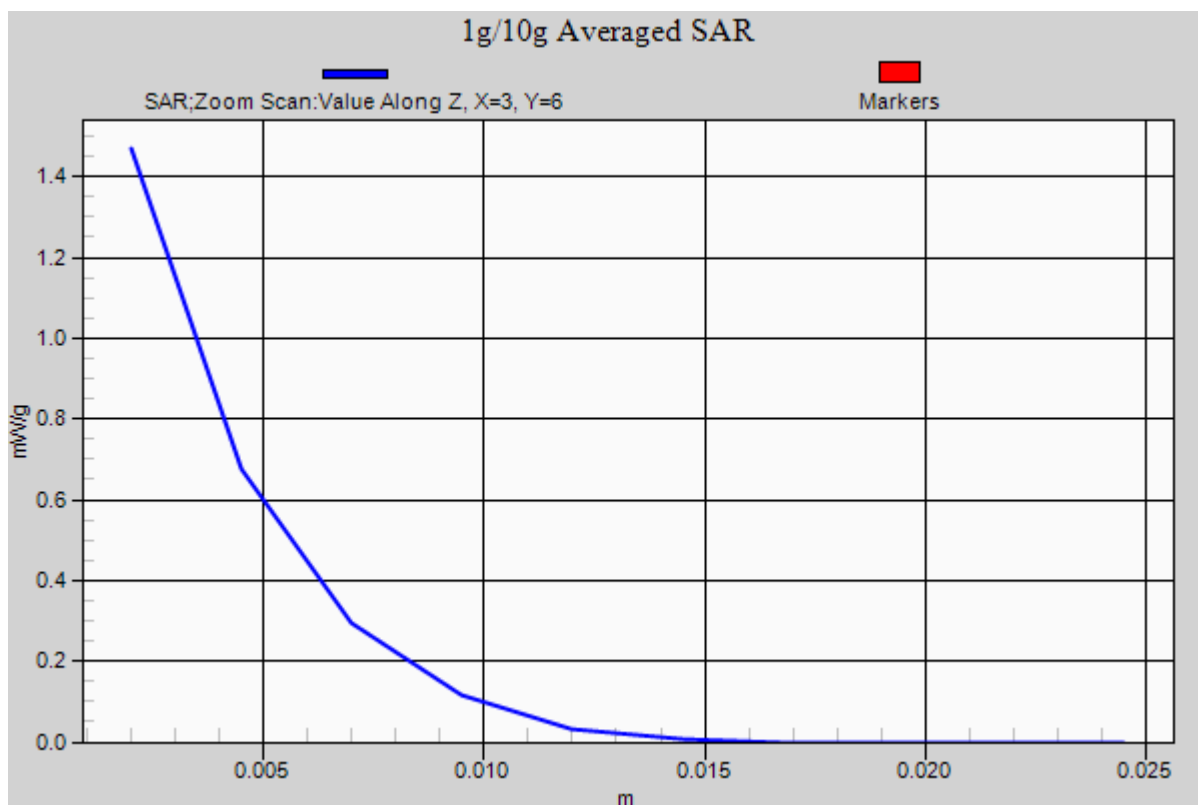
Ch100/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.962 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.712 mW/g

SAR(1 g) = 0.703 mW/g; SAR(10 g) = 0.198 mW/g

Maximum value of SAR (measured) = 1.47 mW/g



#09 WLAN5G_802.11a_Edge2_0cm_Ch100

DUT: 291203

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120929 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.717$ mho/m; $\epsilon_r = 47.955$; $\rho =$

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)

Ch100/Area Scan (61x221x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.125 mW/g

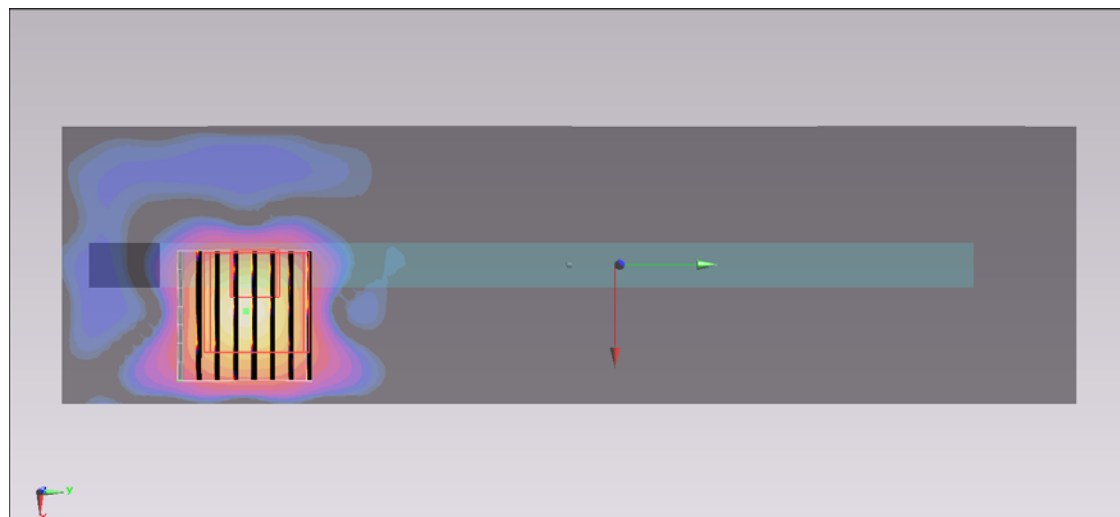
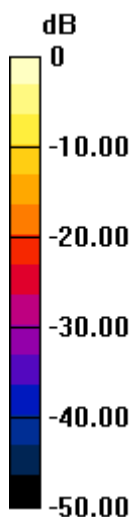
Ch100/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.423 V/m; Power Drift = -0.191 dB

Peak SAR (extrapolated) = 0.737 mW/g

SAR(1 g) = 0.065 mW/g; SAR(10 g) = 0.016 mW/g

Maximum value of SAR (measured) = 0.154 mW/g



0 dB = 0.154 mW/g = -16.25 dB mW/g

#10 WLAN5G_802.11a_Bottom Face_0cm_Ch161

DUT: 291203

Communication System: 802.11a; Frequency: 5805 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120929 Medium parameters used: $f = 5805$ MHz; $\sigma = 6.121$ mho/m; $\epsilon_r = 47.135$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(3.82, 3.82, 3.82); 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)

Ch161/Area Scan (201x301x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.930 mW/g

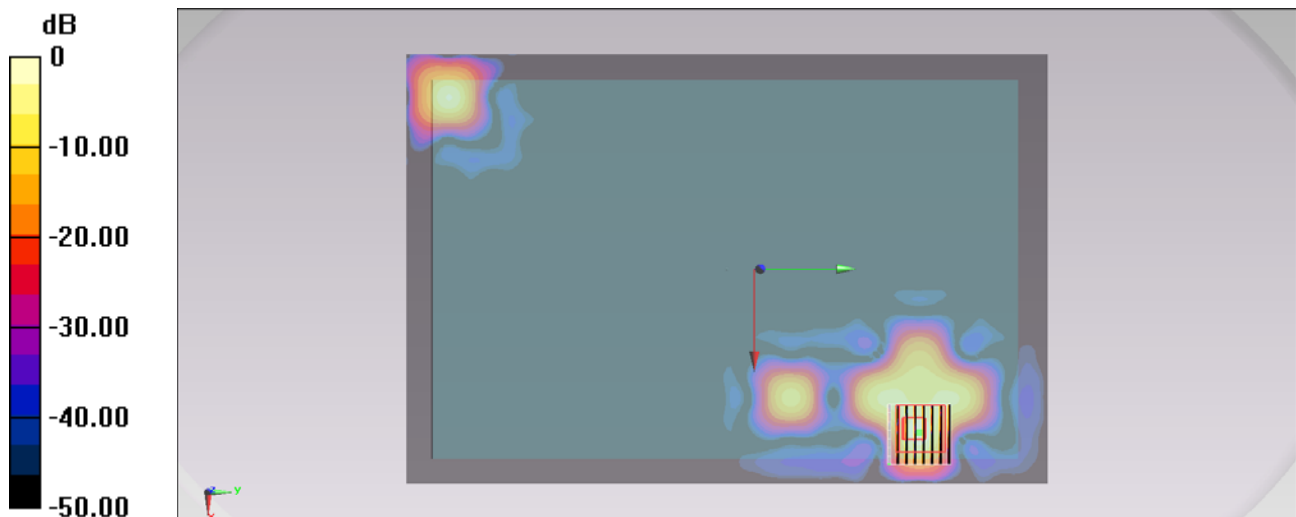
Ch161/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.145 dB

Peak SAR (extrapolated) = 5.048 mW/g

SAR(1 g) = 0.469 mW/g; SAR(10 g) = 0.139 mW/g

Maximum value of SAR (measured) = 1.04 mW/g



0 dB = 1.04 mW/g = 0.34 dB mW/g

#11 WLAN5G_802.11a_Edge1_0cm_Ch161

DUT: 291203

Communication System: 802.11a; Frequency: 5805 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120929 Medium parameters used: $f = 5805$ MHz; $\sigma = 6.121$ mho/m; $\epsilon_r = 47.135$; $\rho = 1000$ kg/m³

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

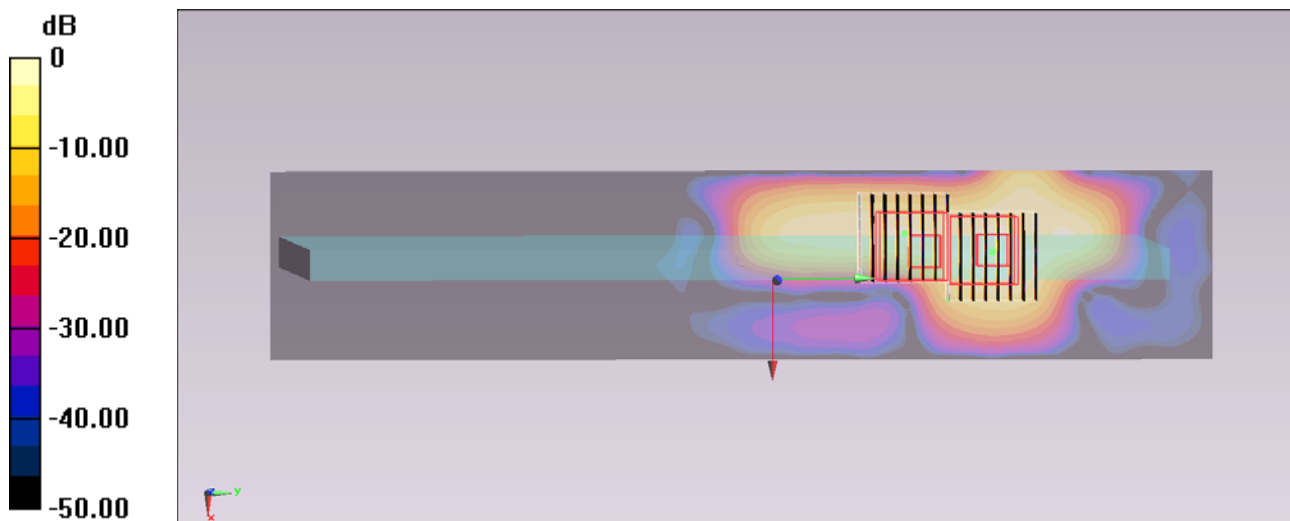
DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(3.82, 3.82, 3.82); 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)

Ch161/Area Scan (61x301x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.741 mW/g

Ch161/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 4.050 V/m; Power Drift = 0.145 dB
 Peak SAR (extrapolated) = 3.009 mW/g
SAR(1 g) = 0.562 mW/g; SAR(10 g) = 0.144 mW/g
 Maximum value of SAR (measured) = 1.33 mW/g

Ch161/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
 Reference Value = 4.050 V/m; Power Drift = 0.145 dB
 Peak SAR (extrapolated) = 1.552 mW/g
SAR(1 g) = 0.414 mW/g; SAR(10 g) = 0.117 mW/g
 Maximum value of SAR (measured) = 0.867 mW/g



0 dB = 0.867 mW/g = -1.24 dB mW/g

#11 WLAN5G_802.11a_Edge1_0cm_Ch161_2D

DUT: 291203

Communication System: 802.11a; Frequency: 5805 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120929 Medium parameters used: $f = 5805$ MHz; $\sigma = 6.121$ mho/m; $\epsilon_r = 47.135$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(3.82, 3.82, 3.82); 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)

Ch161/Area Scan (61x301x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.741 mW/g

Ch161/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.050 V/m; Power Drift = 0.145 dB

Peak SAR (extrapolated) = 3.009 mW/g

SAR(1 g) = 0.562 mW/g; SAR(10 g) = 0.144 mW/g

Maximum value of SAR (measured) = 1.33 mW/g

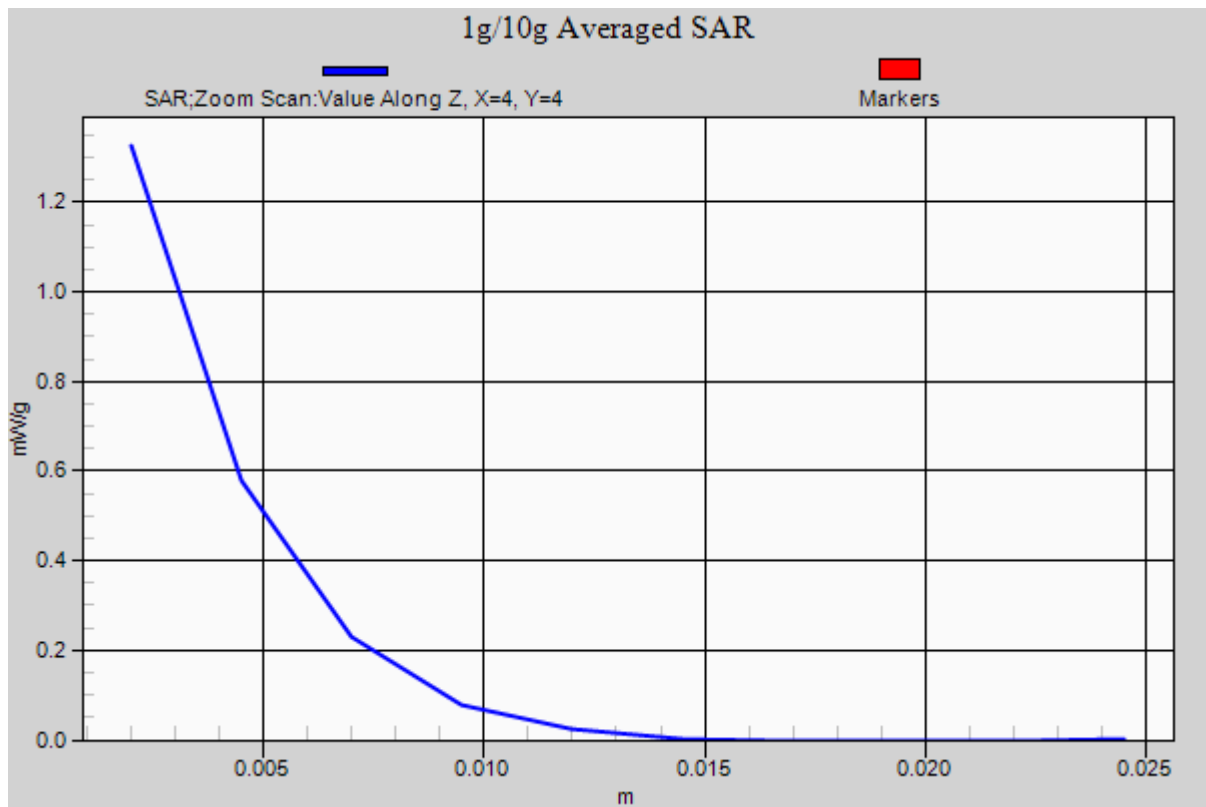
Ch161/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 4.050 V/m; Power Drift = 0.145 dB

Peak SAR (extrapolated) = 1.552 mW/g

SAR(1 g) = 0.414 mW/g; SAR(10 g) = 0.117 mW/g

Maximum value of SAR (measured) = 0.867 mW/g



#12 WLAN5G_802.11a_Edge2_0cm_Ch161

DUT: 291203

Communication System: 802.11a; Frequency: 5805 MHz; Duty Cycle: 1:1

Medium: MSL_5G_120929 Medium parameters used: $f = 5805$ MHz; $\sigma = 6.121$ mho/m; $\epsilon_r = 47.135$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(3.82, 3.82, 3.82); 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)

Ch161/Area Scan (61x221x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.217 mW/g

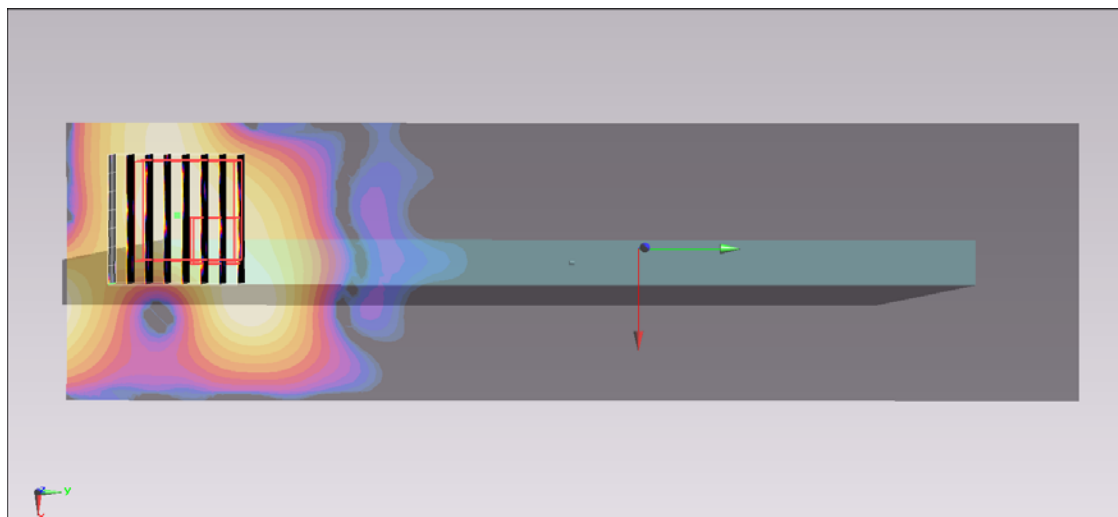
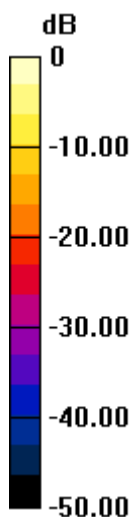
Ch161/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.162 dB

Peak SAR (extrapolated) = 0.707 mW/g

SAR(1 g) = 0.060 mW/g; SAR(10 g) = 0.015 mW/g

Maximum value of SAR (measured) = 0.159 mW/g



0 dB = 0.159 mW/g = -15.97 dB mW/g