

#16_WLAN2.4G_802.11b 1Mbps_Bottom Face _0cm_Ch1;Ant 1**DUT: 331615**

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

Medium: MSL_2450_130419 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.922$ mho/m; $\epsilon_r = 52.444$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (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)

Configuration/Ch1/Area Scan (91x141x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.198 mW/g

Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.961 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.356 mW/g

SAR(1 g) = 0.179 mW/g; SAR(10 g) = 0.088 mW/g

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

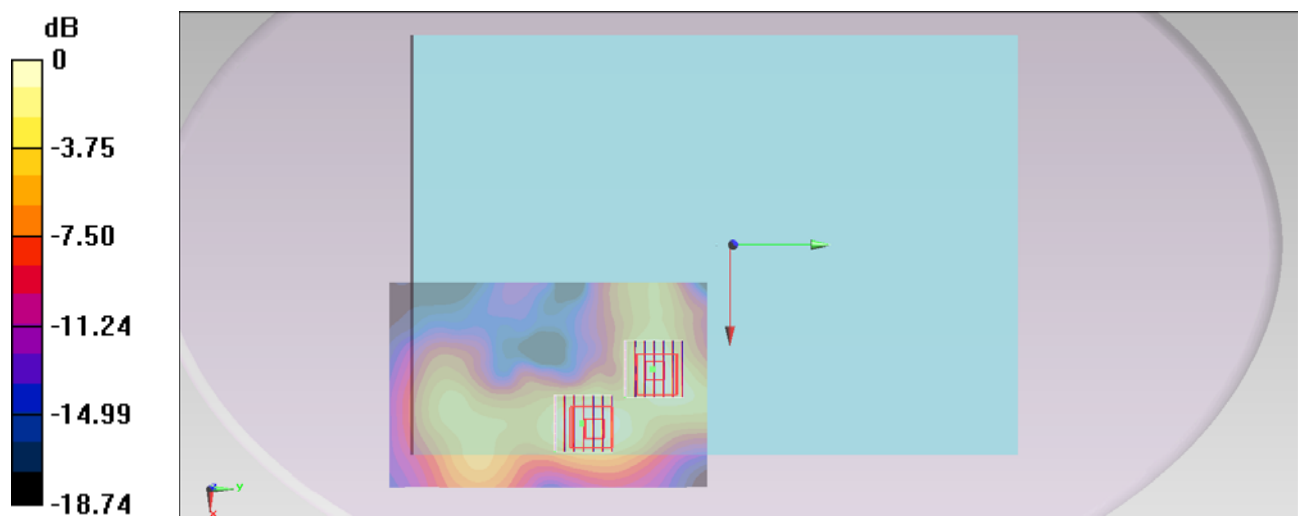
Configuration/Ch1/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.961 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.268 mW/g

SAR(1 g) = 0.144 mW/g; SAR(10 g) = 0.078 mW/g

Maximum value of SAR (measured) = 0.180 mW/g



0 dB = 0.180 mW/g = -14.89 dB mW/g

#08_WLAN2.4G_802.11b 1Mbps_Edge1_0cm_Ch1;Ant 1**DUT: 331615**

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

Medium: MSL_2450_130419 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.922$ mho/m; $\epsilon_r = 52.444$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (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)

Configuration/Ch1/Area Scan (61x101x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.74 mW/g

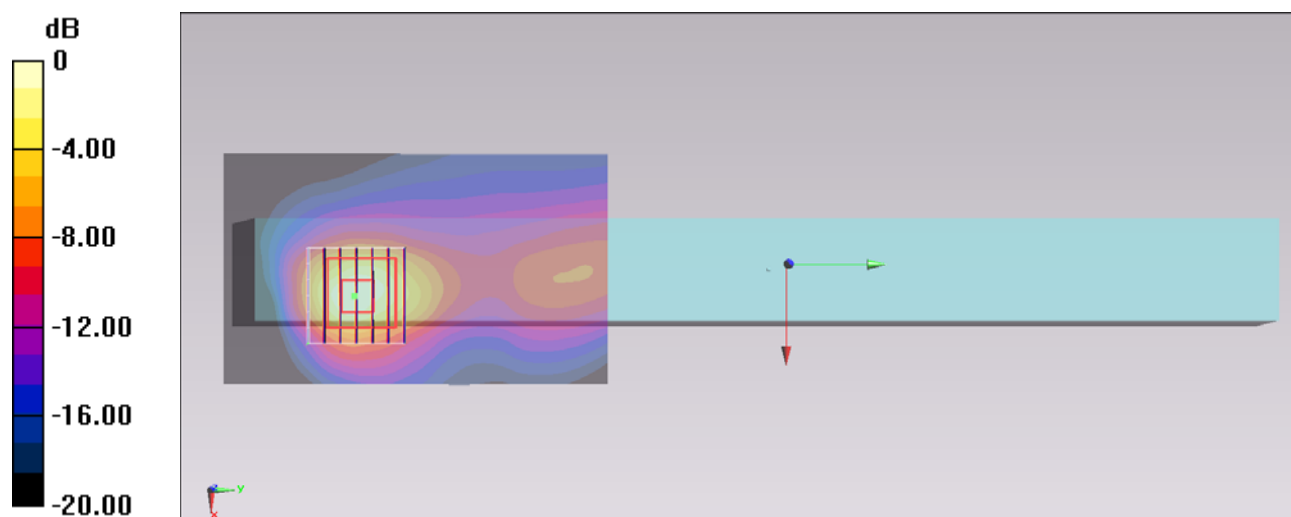
Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.801 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.721 mW/g

SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.470 mW/g

Maximum value of SAR (measured) = 1.54 mW/g



0 dB = 1.54 mW/g = 3.75 dB mW/g

#09_WLAN2.4G_802.11b 1Mbps_Edge1_0cm_Ch6;Ant 1**DUT: 331615**

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

Medium: MSL_2450_130419 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.955$ mho/m; $\epsilon_r = 52.387$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (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)

Configuration/Ch6/Area Scan (61x101x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.95 mW/g

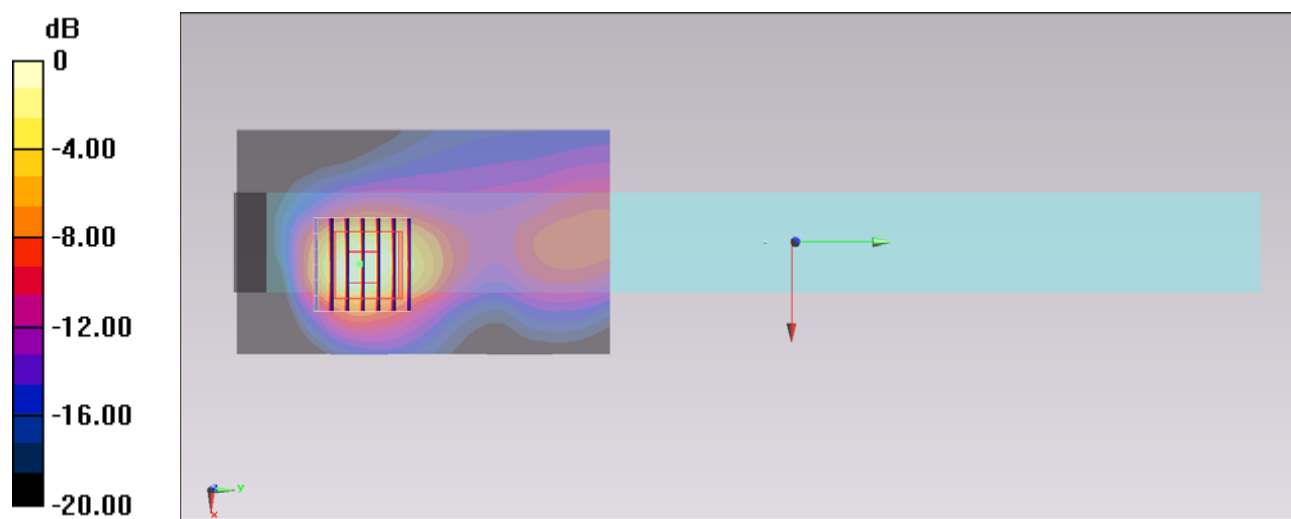
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 30.280 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 2.737 mW/g

SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.467 mW/g

Maximum value of SAR (measured) = 1.54 mW/g



0 dB = 1.54 mW/g = 3.75 dB mW/g

#10_WLAN2.4G_802.11b 1Mbps_Edge1_0cm_Ch11;Ant 1**DUT: 331615**

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

Medium: MSL_2450_130419 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.989$ mho/m; $\epsilon_r = 52.298$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (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)

Configuration/Ch11/Area Scan (61x101x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.16 mW/g

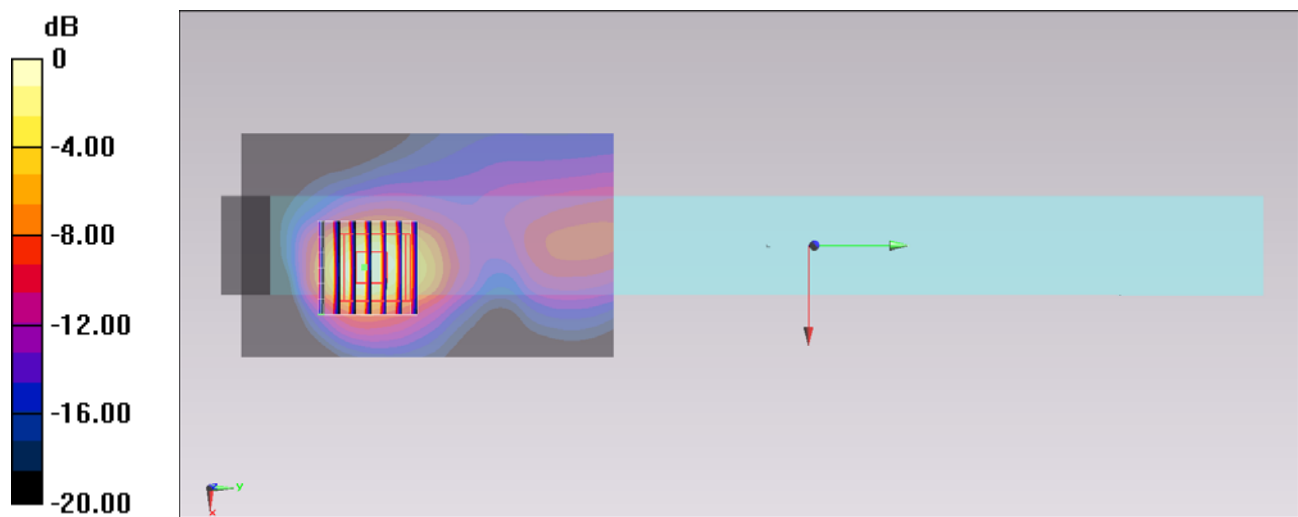
Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.241 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.818 mW/g

SAR(1 g) = 0.750 mW/g; SAR(10 g) = 0.314 mW/g

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



0 dB = 1.02 mW/g = 0.17 dB mW/g

#17_WLAN2.4G_802.11b 1Mbps_Edge 4_0cm_Ch1;Ant 1**DUT: 331615**

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

Medium: MSL_2450_130419 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.922$ mho/m; $\epsilon_r = 52.444$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (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)

Configuration/Ch1/Area Scan (61x101x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.162 mW/g

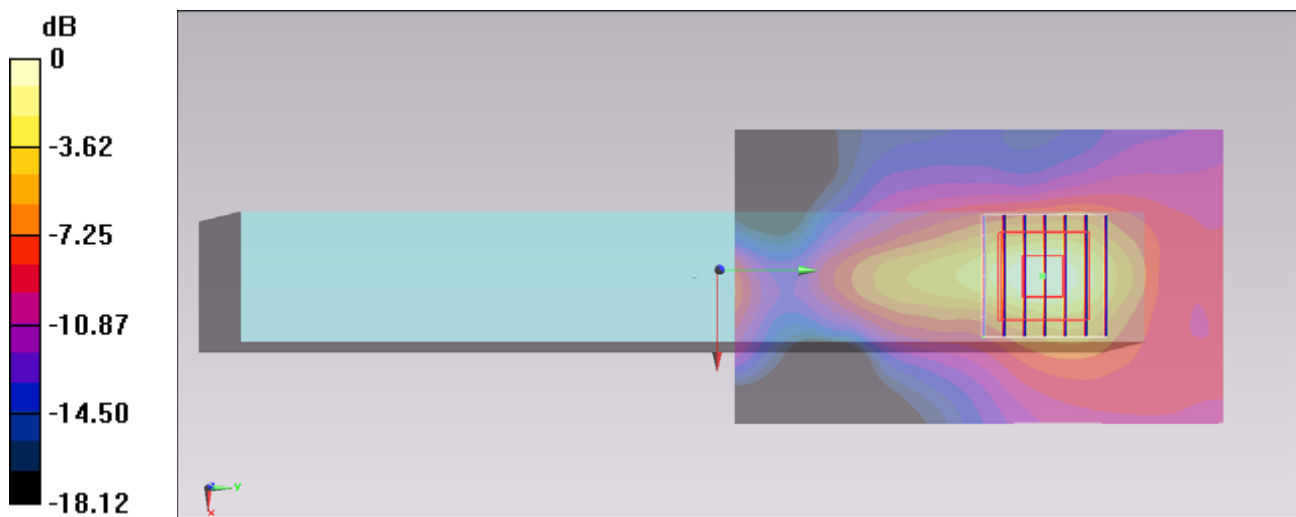
Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.491 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.265 mW/g

SAR(1 g) = 0.124 mW/g; SAR(10 g) = 0.056 mW/g

Maximum value of SAR (measured) = 0.165 mW/g



#20_WLAN2.4G_802.11b 1Mbps_Bottom Face _0cm_Ch1;Curve_Ant 1**DUT: 331615**

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

Medium: MSL_2450_130423 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.964$ mho/m; $\epsilon_r = 53.978$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch1/Area Scan (91x141x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.257 mW/g

Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.232 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.345 mW/g

SAR(1 g) = 0.195 mW/g; SAR(10 g) = 0.109 mW/g

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

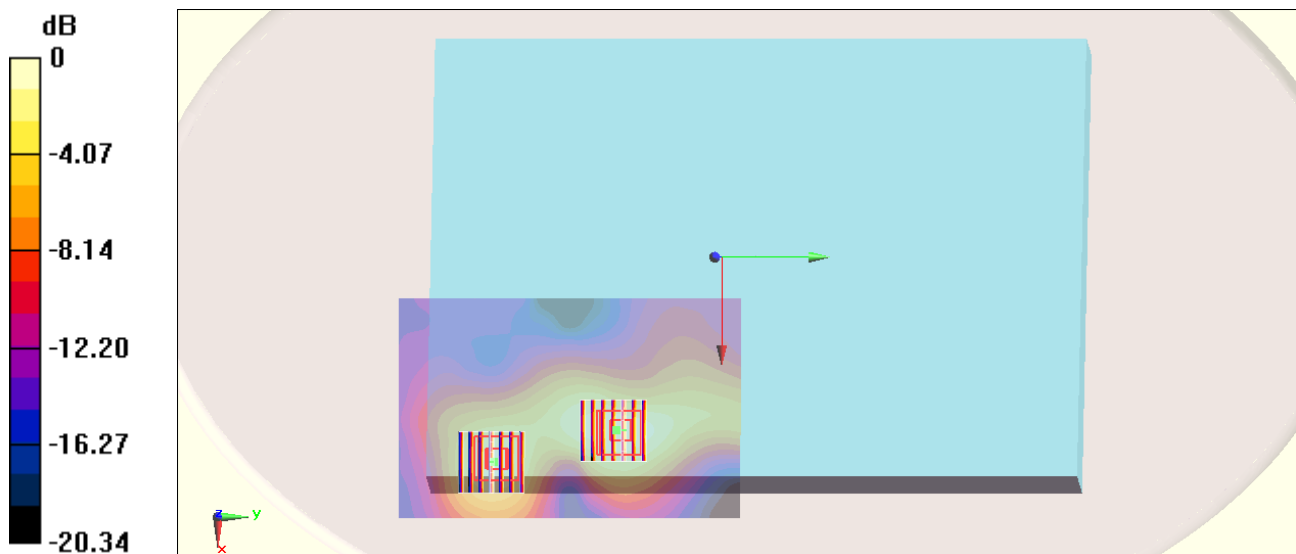
Configuration/Ch1/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.232 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.355 mW/g

SAR(1 g) = 0.181 mW/g; SAR(10 g) = 0.094 mW/g

Maximum value of SAR (measured) = 0.259 mW/g



0 dB = 0.259 mW/g = -11.73 dB mW/g

#15_WLAN2.4G_802.11b 1Mbps_Bottom Face_0cm_Ch1;Ant 2**DUT: 331615**

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

Medium: MSL_2450_130419 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.922$ mho/m; $\epsilon_r = 52.444$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (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)

Configuration/Ch1/Area Scan (91x91x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.198 mW/g

Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.371 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.280 mW/g

SAR(1 g) = 0.162 mW/g; SAR(10 g) = 0.091 mW/g

Maximum value of SAR (measured) = 0.196 mW/g

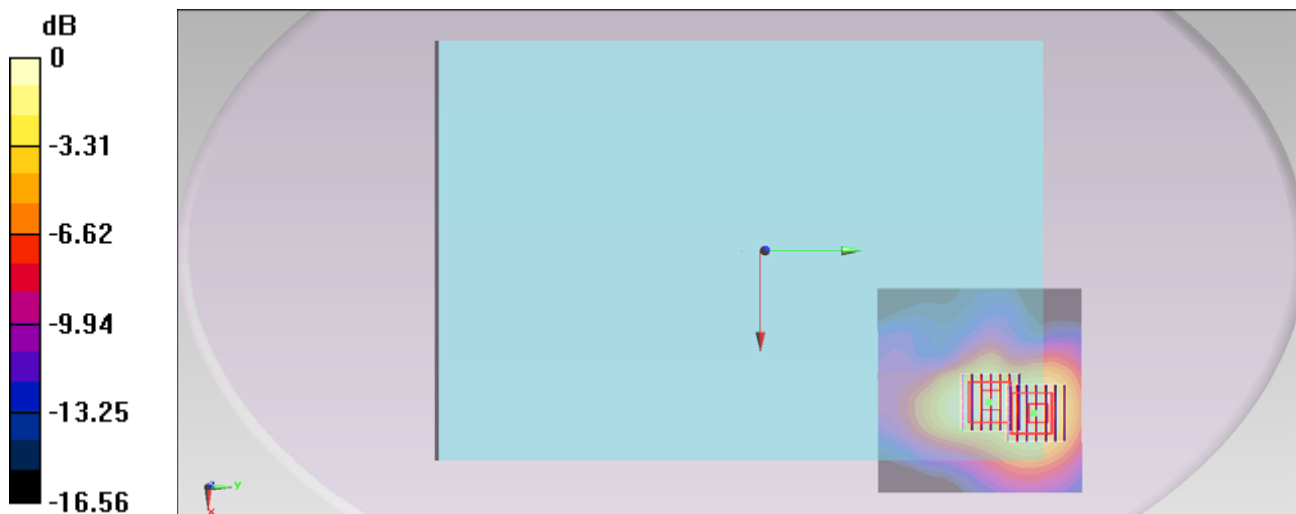
Configuration/Ch1/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.371 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.294 mW/g

SAR(1 g) = 0.153 mW/g; SAR(10 g) = 0.084 mW/g

Maximum value of SAR (measured) = 0.188 mW/g



0 dB = 0.188 mW/g = -14.52 dB mW/g

#14_WLAN2.4G_802.11b 1Mbps_Edge 1_0cm_Ch1;Ant 2**DUT: 331615**

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

Medium: MSL_2450_130419 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.922$ mho/m; $\epsilon_r = 52.444$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (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)

Configuration/Ch1/Area Scan (61x81x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.204 mW/g

Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.732 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.351 mW/g

SAR(1 g) = 0.171 mW/g; SAR(10 g) = 0.092 mW/g

Maximum value of SAR (measured) = 0.215 mW/g

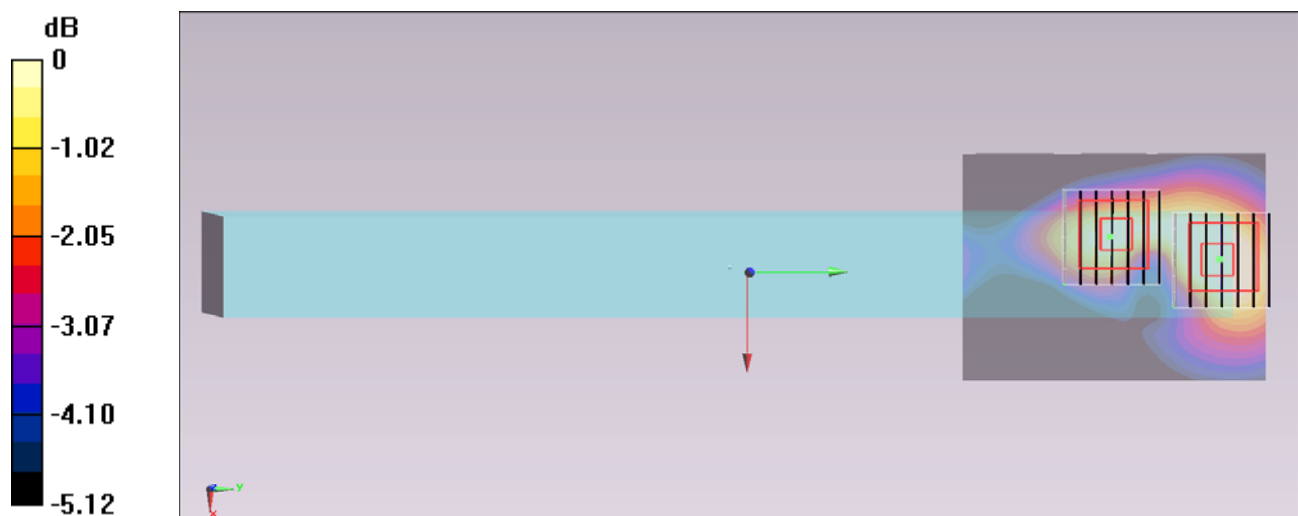
Configuration/Ch1/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.732 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.252 mW/g

SAR(1 g) = 0.135 mW/g; SAR(10 g) = 0.074 mW/g

Maximum value of SAR (measured) = 0.166 mW/g



0 dB = 0.166 mW/g = -15.60 dB mW/g

#11_WLAN2.4G_802.11b 1Mbps_Edge 2 _0cm_Ch1;Ant 2**DUT: 331615**

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

Medium: MSL_2450_130419 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.922$ mho/m; $\epsilon_r = 52.444$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (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)

Configuration/Ch1/Area Scan (61x81x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.68 mW/g

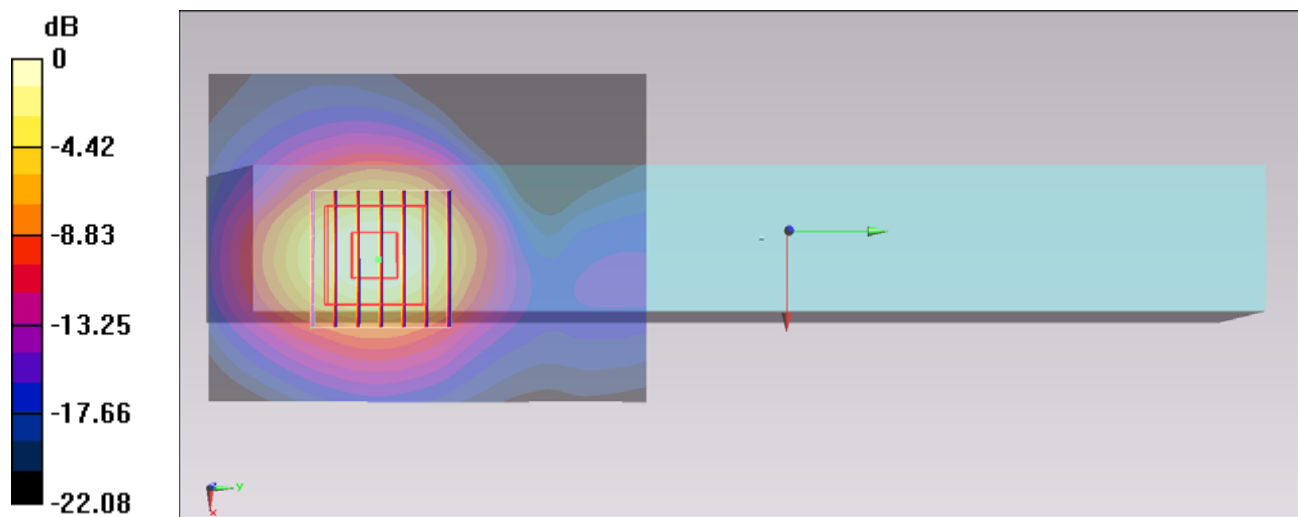
Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.591 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.448 mW/g

SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.523 mW/g

Maximum value of SAR (measured) = 1.48 mW/g



#18_WLAN2.4G_802.11b 1Mbps_Edge 2 _0cm_Ch6;Ant 2**DUT: 331615**

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

Medium: MSL_2450_130419 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.955$ mho/m; $\epsilon_r = 52.387$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (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)

Configuration/Ch6/Area Scan (61x81x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.62 mW/g

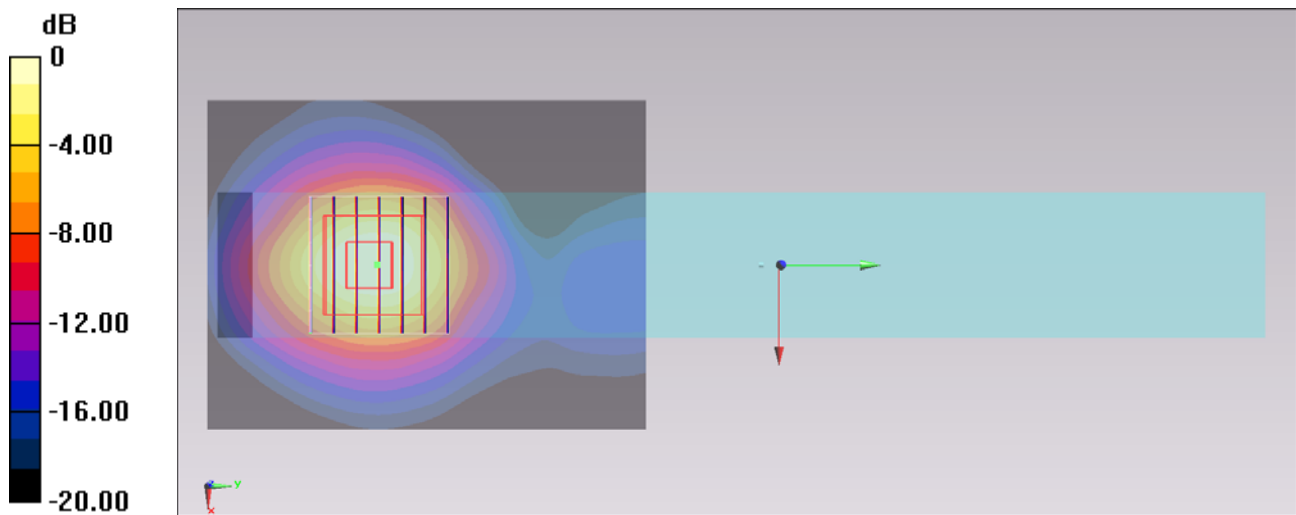
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.250 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.675 mW/g

SAR(1 g) = 1.18 mW/g; SAR(10 g) = 0.556 mW/g

Maximum value of SAR (measured) = 1.59 mW/g



#12_WLAN2.4G_802.11b 1Mbps_Edge 2 _0cm_Ch6;Ant 2;Repeat**DUT: 331615**

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

Medium: MSL_2450_130419 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.955$ mho/m; $\epsilon_r = 52.387$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (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)

Configuration/Ch6/Area Scan (61x81x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.66 mW/g

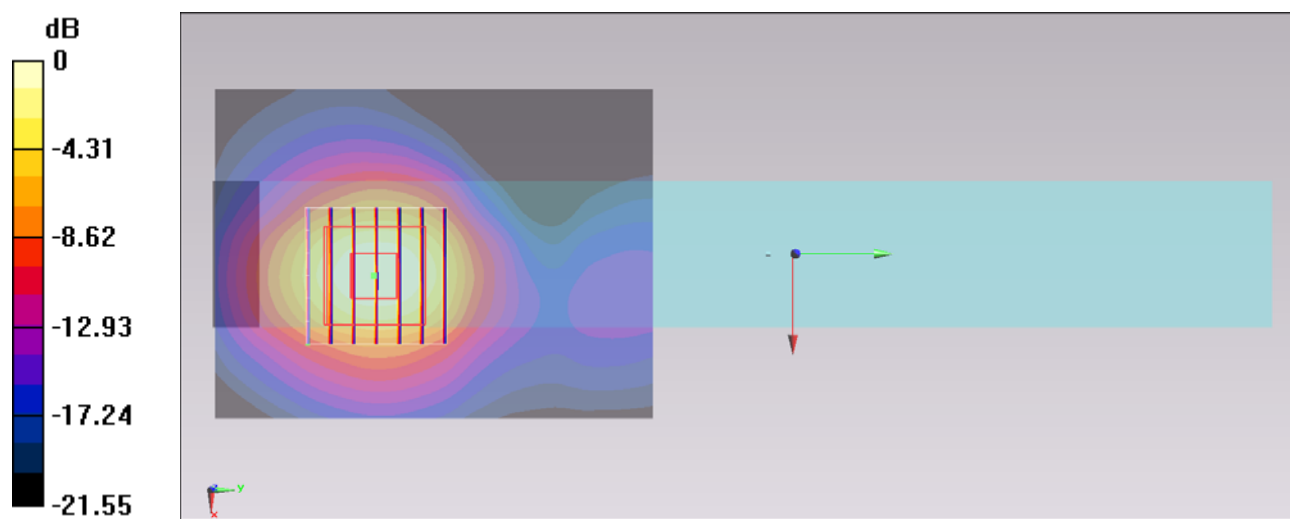
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.567 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.542 mW/g

SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.526 mW/g

Maximum value of SAR (measured) = 1.53 mW/g



#13_WLAN2.4G_802.11b 1Mbps_Edge 2 _0cm_Ch11;Ant 2**DUT: 331615**

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

Medium: MSL_2450_130419 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.989$ mho/m; $\epsilon_r = 52.298$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (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)

Configuration/Ch11/Area Scan (61x81x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.09 mW/g

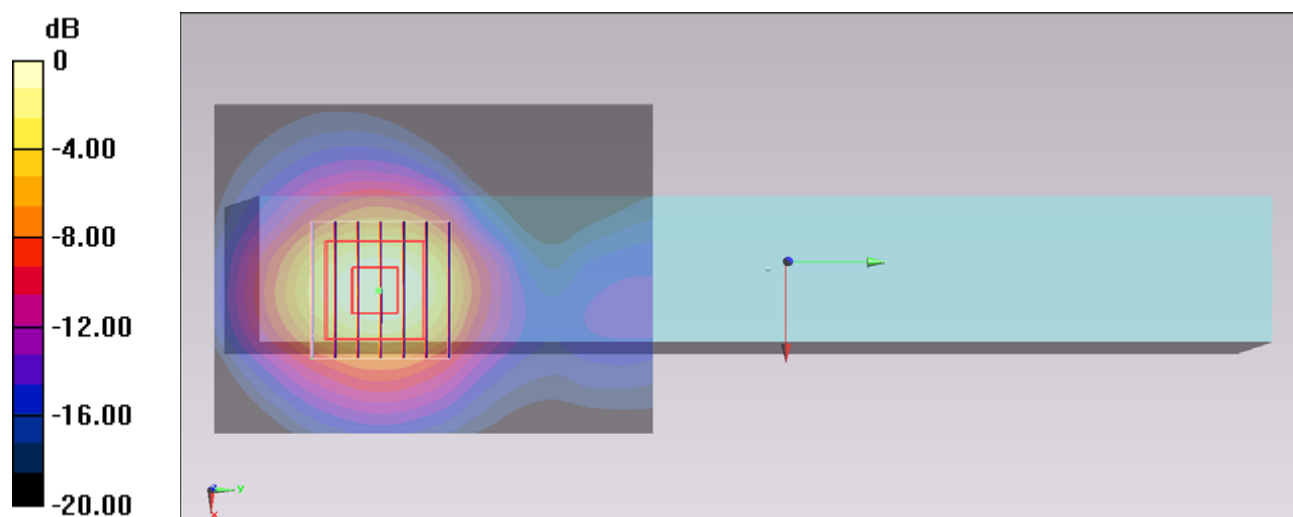
Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.910 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.675 mW/g

SAR(1 g) = 0.752 mW/g; SAR(10 g) = 0.343 mW/g

Maximum value of SAR (measured) = 0.991 mW/g



#21_WLAN2.4G_802.11b 1Mbps_Edge 2_0cm_Ch1;Curve_Ant 2**DUT: 331615**

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

Medium: MSL_2450_130423 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.964$ mho/m; $\epsilon_r = 53.978$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch1/Area Scan (101x91x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0226 mW/g

Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.219 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.033 mW/g

SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.00977 mW/g

Maximum value of SAR (measured) = 0.0243 mW/g

