

#32_WLAN2.4G_802.11b_Horizontal Up_0.5cm_Ch11;Ant 2

DUT: 2N0801-01

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

Medium: MSL_2450_121206 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.032$ mho/m; $\epsilon_r = 53.846$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °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: 1026
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch11/Area Scan (51x101x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (interpolated) = 1.68 mW/g

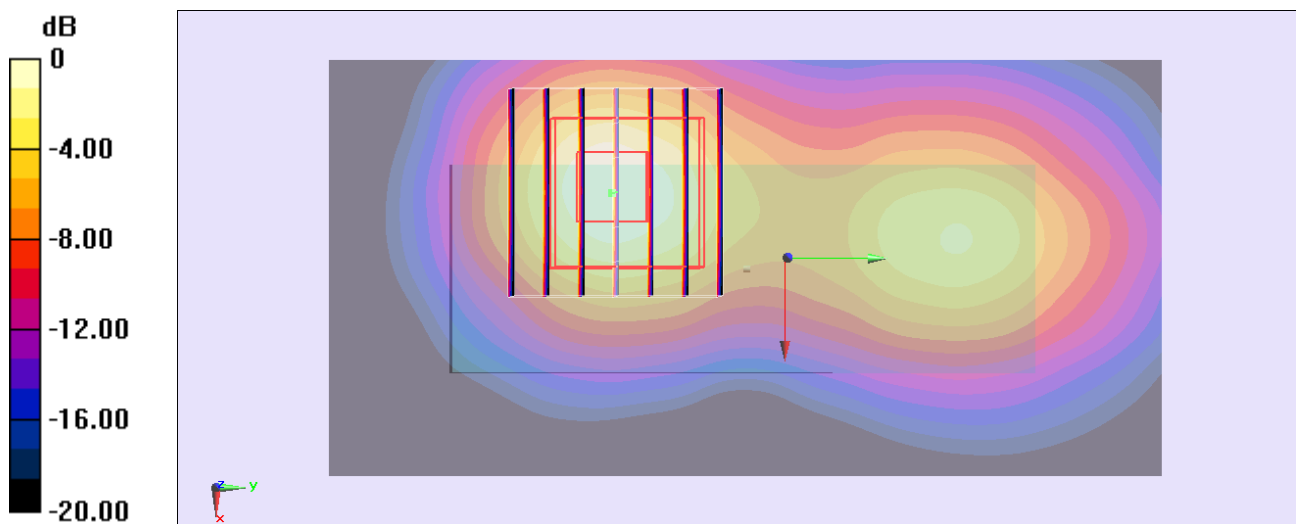
Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.156 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.169 mW/g

SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.467 mW/g

Maximum value of SAR (measured) = 1.58 mW/g



0 dB = 1.58 mW/g = 3.97 dB mW/g

#51_WLAN2.4G_802.11b_Horizontal Up_0.5cm_Ch11;Ant 2_Repeat

DUT: 2N0801-01

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

Medium: MSL_2450_121206 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.032$ mho/m; $\epsilon_r = 53.846$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °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: 1026
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch11/Area Scan (51x101x1): Measurement grid: dx=12mm, dy=12mm

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

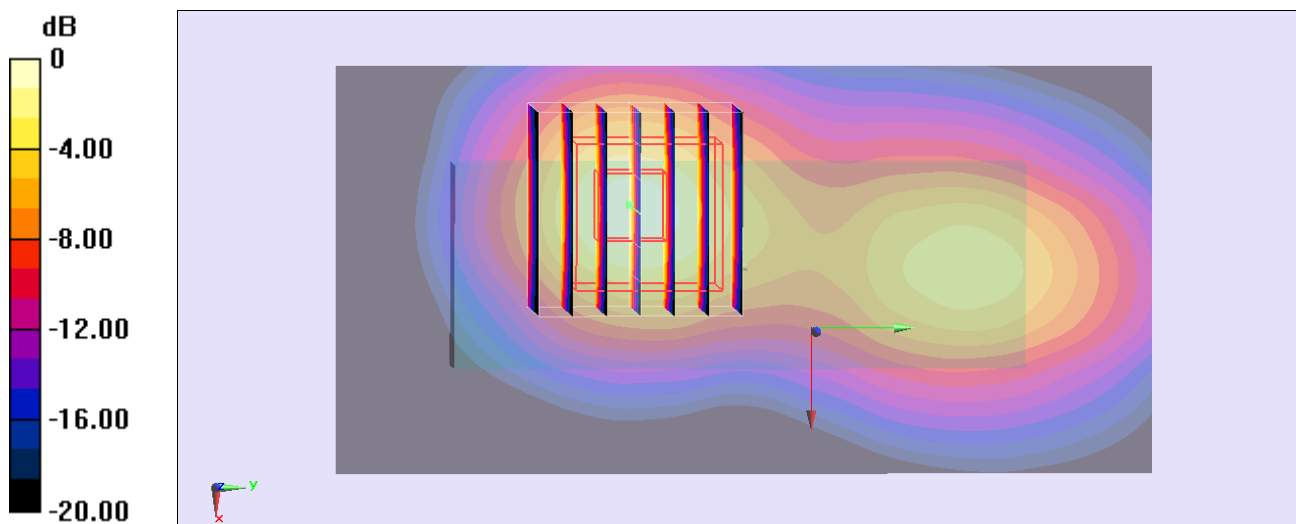
Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.131 V/m; Power Drift = 0.056 dB

Peak SAR (extrapolated) = 2.204 mW/g

SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.459 mW/g

Maximum value of SAR (measured) = 1.60 mW/g



0 dB = 1.60 mW/g = 4.08 dB mW/g

#33_WLAN2.4G_802.11b_Horizontal Down_0.5cm_Ch11;Ant 2

DUT: 2N0801-01

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

Medium: MSL_2450_121206 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.032$ mho/m; $\epsilon_r = 53.846$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °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: 1026
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch11/Area Scan (51x101x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (interpolated) = 1.44 mW/g

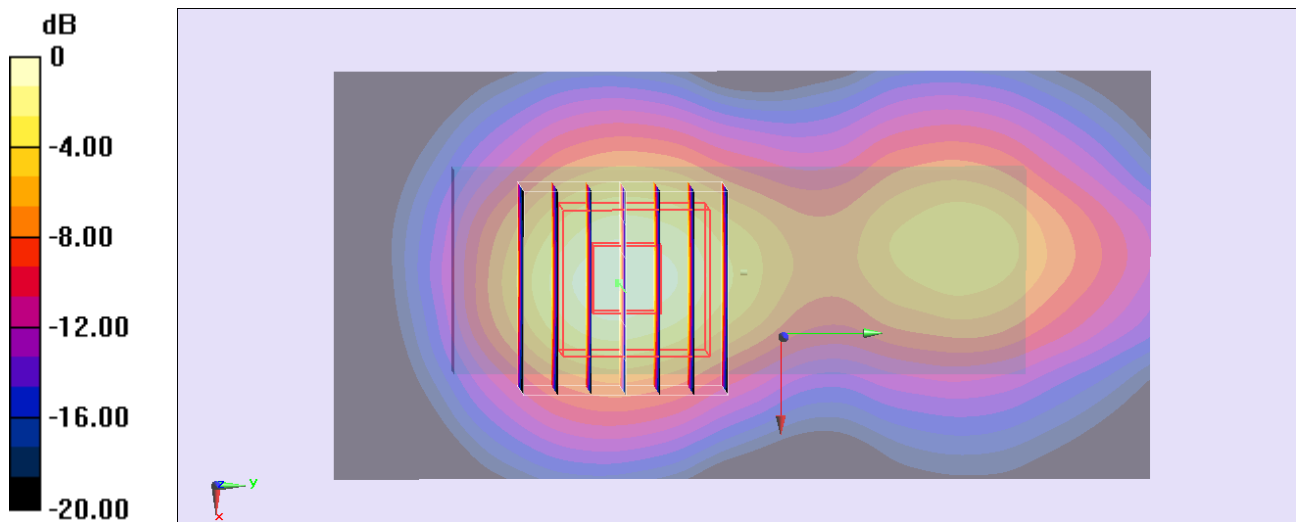
Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.494 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.039 mW/g

SAR(1 g) = 0.979 mW/g; SAR(10 g) = 0.449 mW/g

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



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

#34_WLAN2.4G_802.11b_Vertical Front_0.5cm_Ch11;Ant 2

DUT: 2N0801-01

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

Medium: MSL_2450_121206 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.032$ mho/m; $\epsilon_r = 53.846$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °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: 1026
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch11/Area Scan (51x101x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (interpolated) = 0.232 mW/g

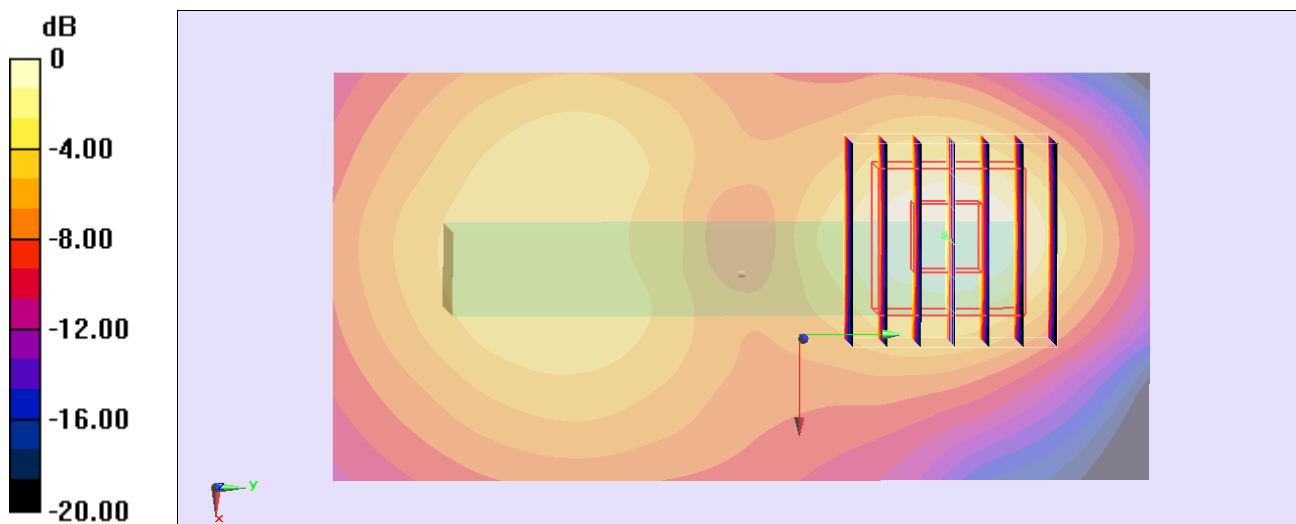
Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.422 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.288 mW/g

SAR(1 g) = 0.144 mW/g; SAR(10 g) = 0.069 mW/g

Maximum value of SAR (measured) = 0.213 mW/g



0 dB = 0.213 mW/g = -13.43 dB mW/g

#35_WLAN2.4G_802.11b_Vertical Back_0.5cm_Ch11;Ant 2**DUT: 2N0801-01**

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

Medium: MSL_2450_121206 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.032$ mho/m; $\epsilon_r = 53.846$; ρ $= 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °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: 1026
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch11/Area Scan (51x101x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.19 mW/g

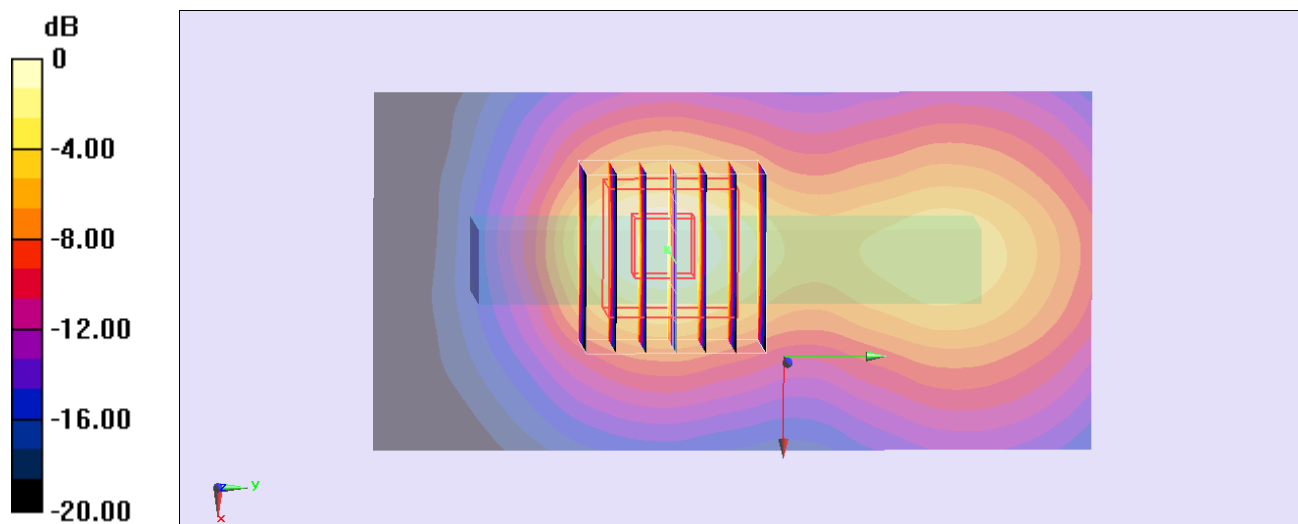
Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.034 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.572 mW/g

SAR(1 g) = 0.756 mW/g; SAR(10 g) = 0.349 mW/g

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



0 dB = 1.14 mW/g = 1.14 dB mW/g

#36_WLAN2.4G_802.11b_Tip Mode_0.5cm_Ch11;Ant 2

DUT: 2N0801-01

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

Medium: MSL_2450_121206 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.032$ mho/m; $\epsilon_r = 53.846$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °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: 1026
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch11/Area Scan (51x101x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (interpolated) = 0.170 mW/g

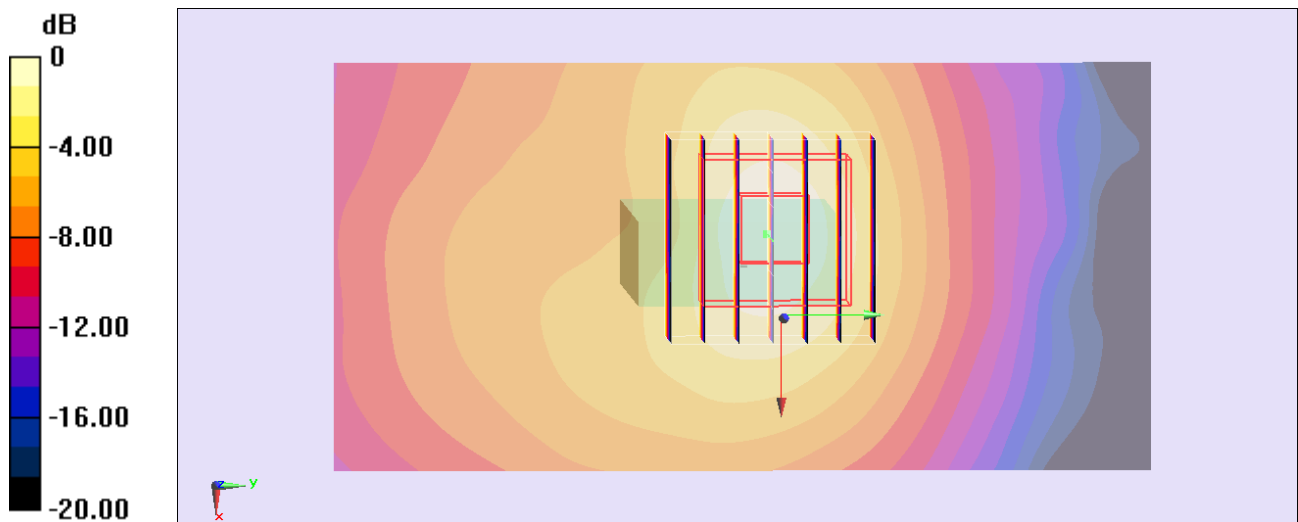
Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.418 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.241 mW/g

SAR(1 g) = 0.120 mW/g; SAR(10 g) = 0.059 mW/g

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



0 dB = 0.177 mW/g = -15.04 dB mW/g

#37_WLAN2.4G_802.11b_Horizontal Up_0.5cm_Ch1;Ant 2

DUT: 2N0801-01

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

Medium: MSL_2450_121206 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.959$ mho/m; $\epsilon_r = 53.951$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °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: 1026
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch1/Area Scan (51x101x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (interpolated) = 1.12 mW/g

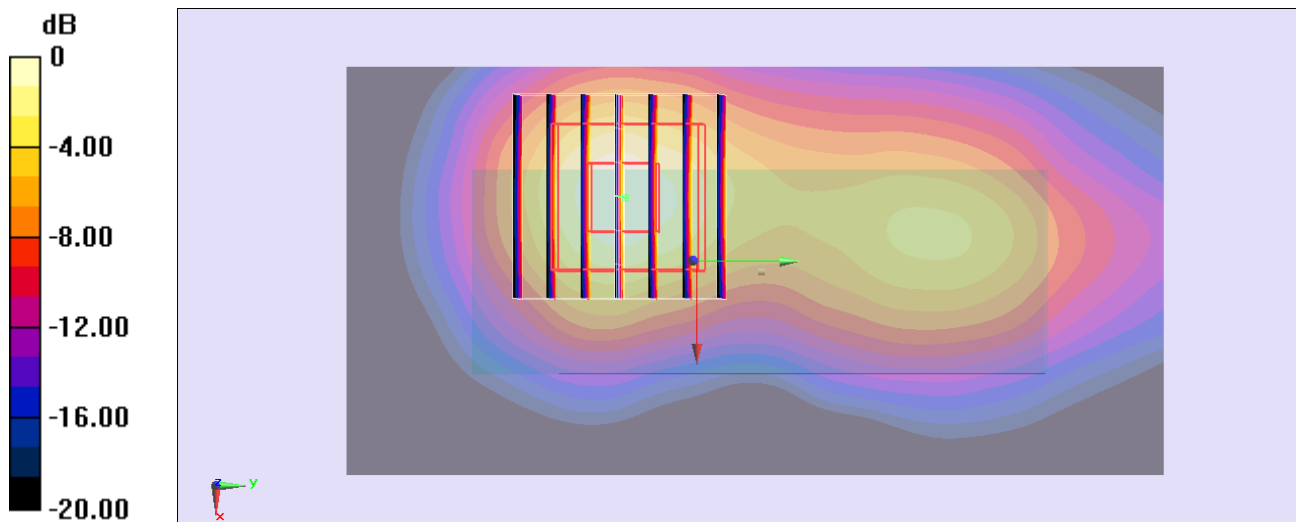
Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm,
 dz=5mm

Reference Value = 24.085 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.517 mW/g

SAR(1 g) = 0.726 mW/g; SAR(10 g) = 0.330 mW/g

Maximum value of SAR (measured) = 1.12 mW/g



0 dB = 1.12 mW/g = 0.98 dB mW/g

#38_WLAN2.4G_802.11b_Horizontal Up_0.5cm_Ch6;Ant 2

DUT: 2N0801-01

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

Medium: MSL_2450_121206 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.996$ mho/m; $\epsilon_r = 53.88$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °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: 1026
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch6/Area Scan (51x101x1): Measurement grid: dx=12mm, dy=12mm

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

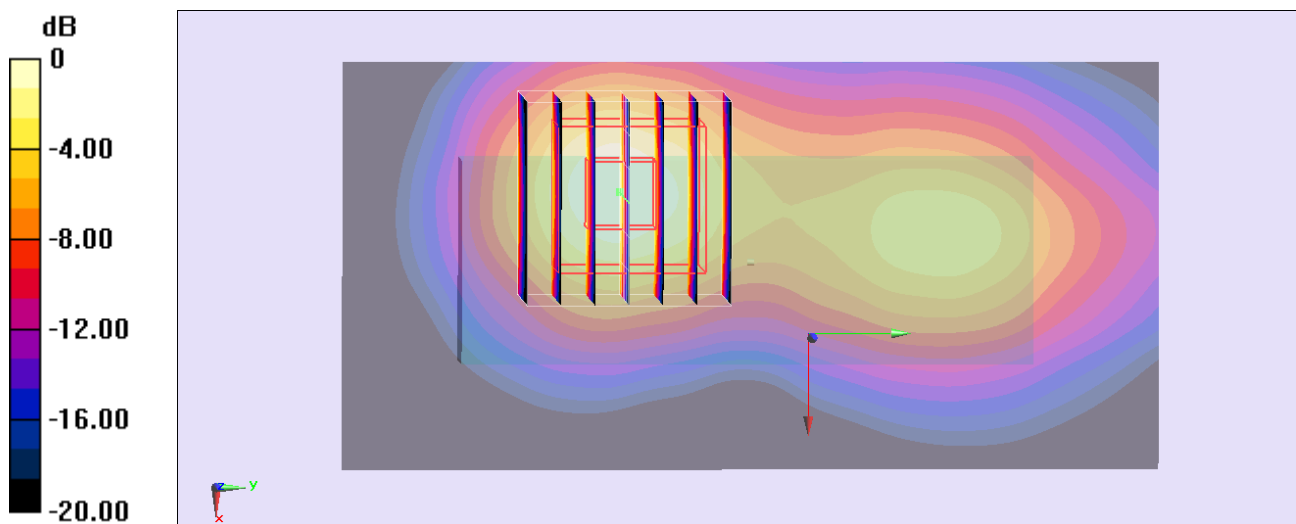
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.637 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.757 mW/g

SAR(1 g) = 0.833 mW/g; SAR(10 g) = 0.376 mW/g

Maximum value of SAR (measured) = 1.28 mW/g



0 dB = 1.28 mW/g = 2.14 dB mW/g

#39_WLAN2.4G_802.11b_Horizontal Down_0.5cm_Ch1;Ant 2

DUT: 2N0801-01

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

Medium: MSL_2450_121206 Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.959 \text{ mho/m}$; $\epsilon_r = 53.951$; ρ

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

Ambient Temperature : $22.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

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: 1026
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch1/Area Scan (51x101x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
 Maximum value of SAR (interpolated) = 1.18 mW/g

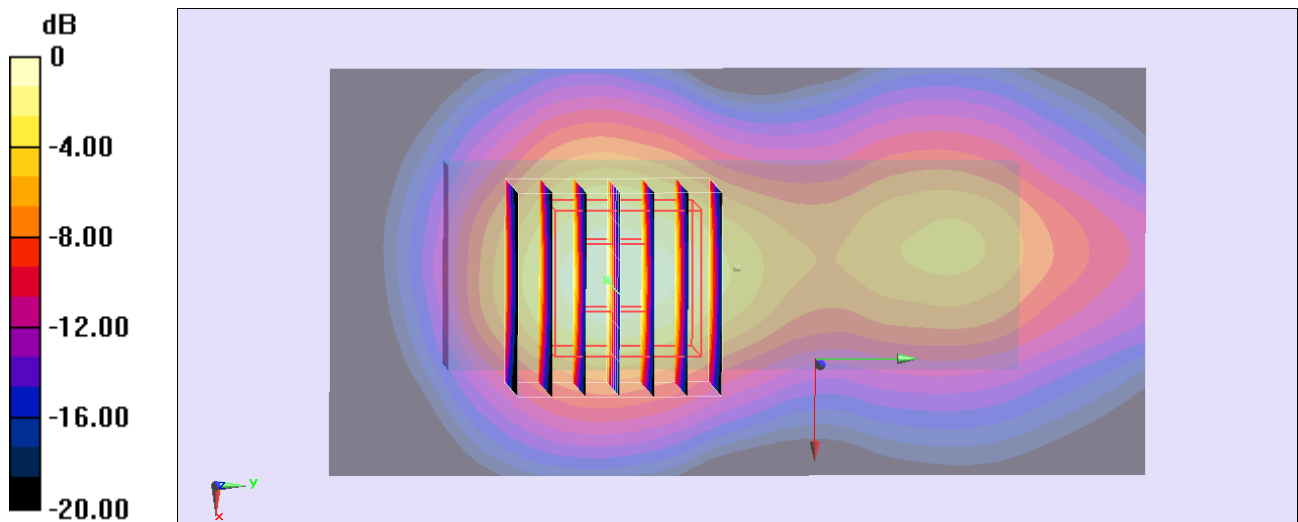
Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$,
 $dz=5\text{mm}$

Reference Value = 24.279 V/m ; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.546 mW/g

SAR(1 g) = 0.753 mW/g ; SAR(10 g) = 0.346 mW/g

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



0 dB = $1.14 \text{ mW/g} = 1.14 \text{ dB mW/g}$

#40_WLAN2.4G_802.11b_Horizontal Down_0.5cm_Ch6;Ant 2

DUT: 2N0801-01

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

Medium: MSL_2450_121206 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.996$ mho/m; $\epsilon_r = 53.88$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °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: 1026
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch6/Area Scan (51x101x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (interpolated) = 1.32 mW/g

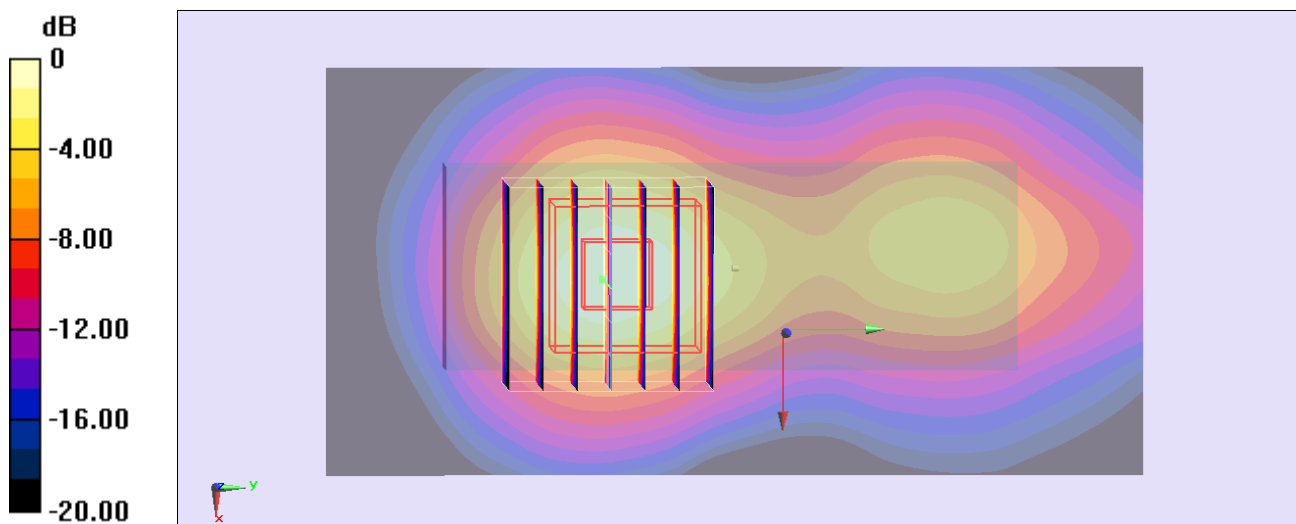
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.183 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.707 mW/g

SAR(1 g) = 0.824 mW/g; SAR(10 g) = 0.378 mW/g

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



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

#41_WLAN2.4G_802.11n-HT20_Horizontal Up_0.5cm_Ch6;Ant 1+2

DUT: 2N0801-01

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

Medium: MSL_2450_121206 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.996$ mho/m; $\epsilon_r = 53.88$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °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: 1026
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch6/Area Scan (51x101x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (interpolated) = 1.53 mW/g

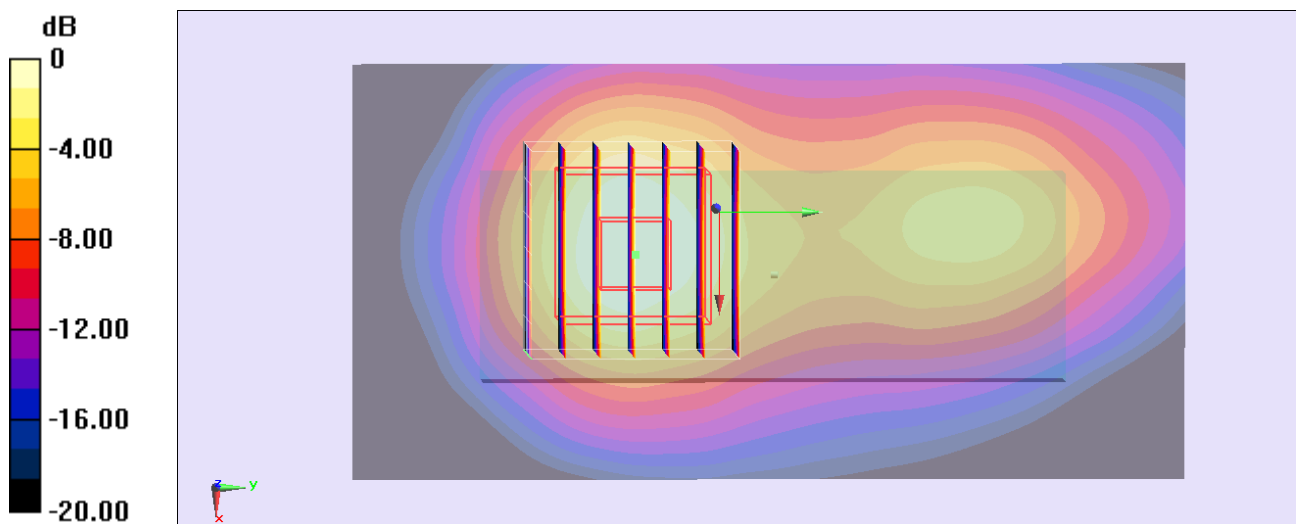
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.619 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.873 mW/g

SAR(1 g) = 0.915 mW/g; SAR(10 g) = 0.440 mW/g

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



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

#42_WLAN2.4G_802.11n-HT20_Horizontal Down_0.5cm_Ch6;Ant 1+2

DUT: 2N0801-01

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

Medium: MSL_2450_121206 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.996$ mho/m; $\epsilon_r = 53.88$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °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: 1026
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch6/Area Scan (51x101x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (interpolated) = 1.45 mW/g

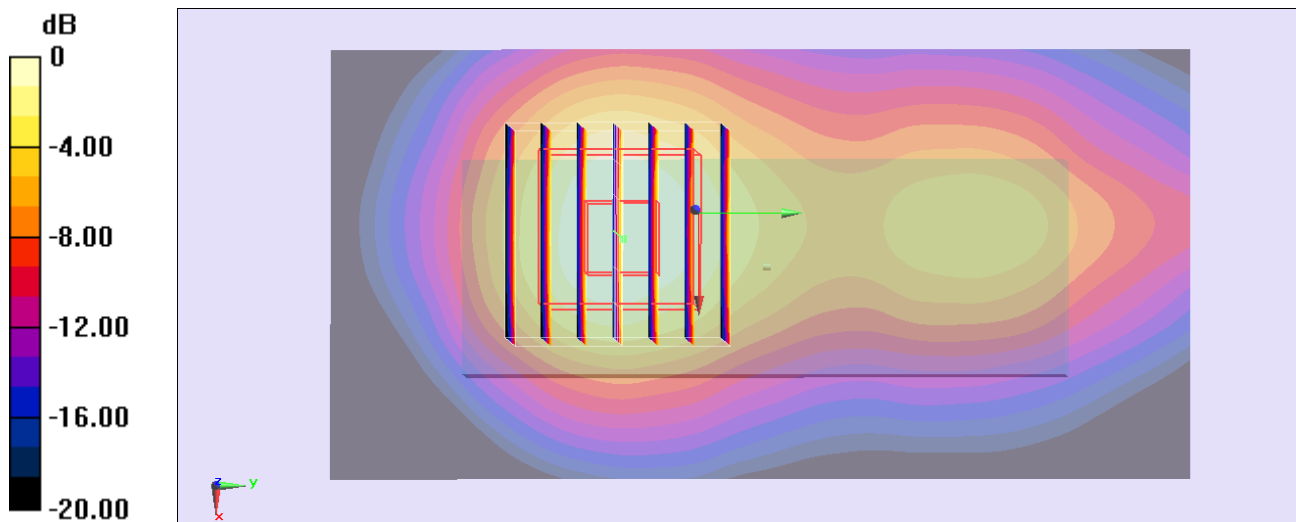
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.243 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.810 mW/g

SAR(1 g) = 0.906 mW/g; SAR(10 g) = 0.449 mW/g

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



0 dB = 1.33 mW/g = 2.48 dB mW/g

#43_WLAN2.4G_802.11n-HT20_Vertical Front_0.5cm_Ch6;Ant 1+2

DUT: 2N0801-01

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

Medium: MSL_2450_121206 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.996$ mho/m; $\epsilon_r = 53.88$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °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: 1026
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch6/Area Scan (51x101x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (interpolated) = 0.621 mW/g

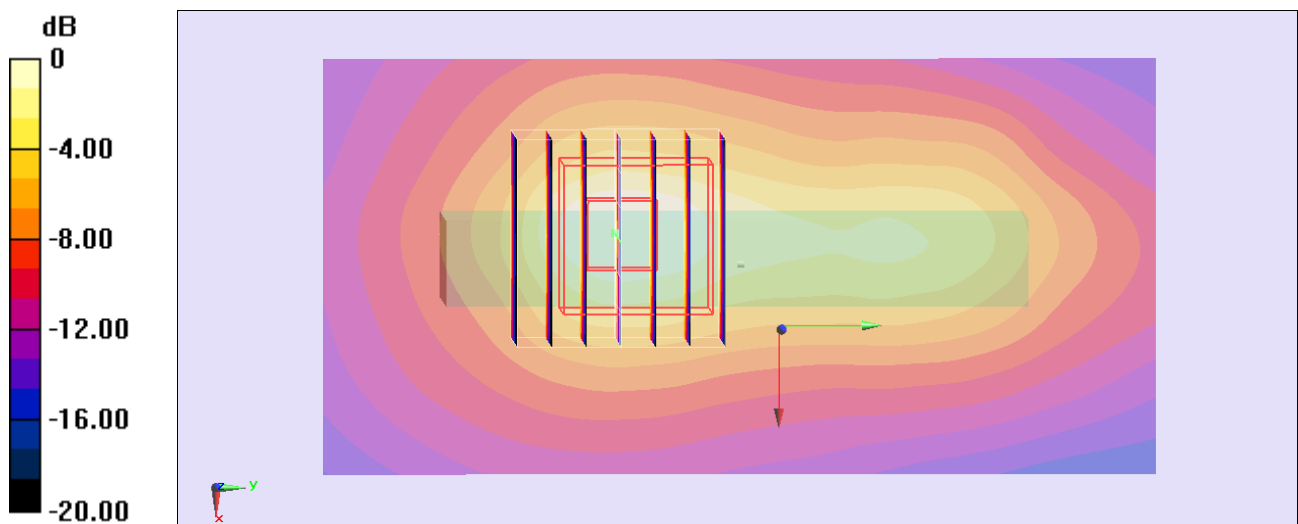
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.928 V/m; Power Drift = -0.034 dB

Peak SAR (extrapolated) = 0.813 mW/g

SAR(1 g) = 0.388 mW/g; SAR(10 g) = 0.184 mW/g

Maximum value of SAR (measured) = 0.592 mW/g



0 dB = 0.592 mW/g = -4.55 dB mW/g

#44_WLAN2.4G_802.11n-HT20_Vertical Back_0.5cm_Ch6;Ant 1+2

DUT: 2N0801-01

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

Medium: MSL_2450_121206 Medium parameters used: $f = 2437 \text{ MHz}$; $\sigma = 1.996 \text{ mho/m}$; $\epsilon_r = 53.88$; $\rho =$

1000 kg/m^3

Ambient Temperature : $22.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

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: 1026
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch6/Area Scan (51x101x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
 Maximum value of SAR (interpolated) = 0.624 mW/g

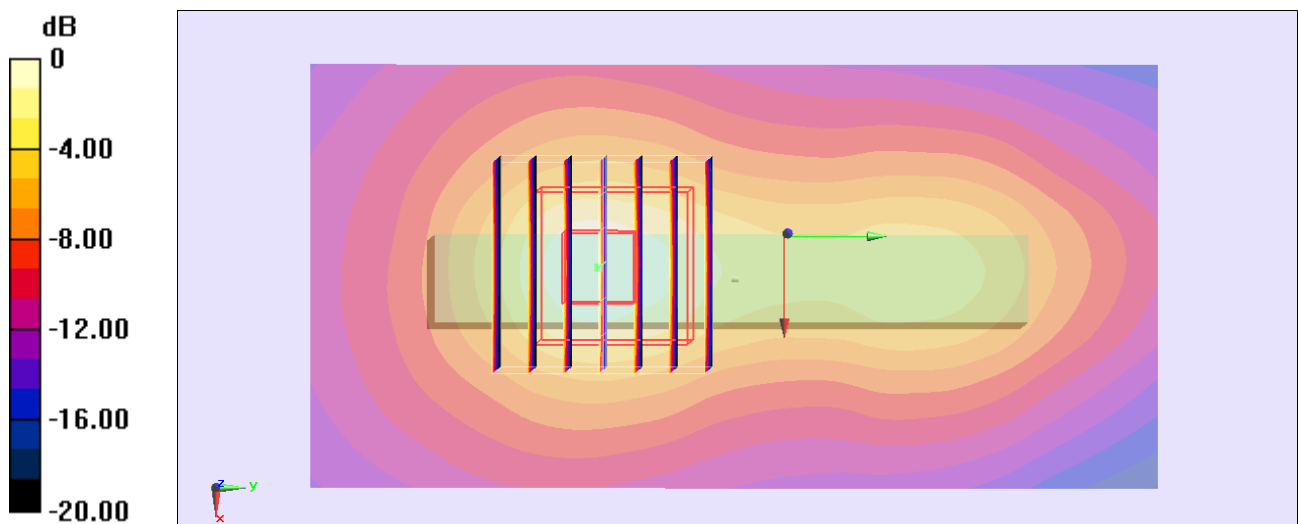
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$,
 $dz=5\text{mm}$

Reference Value = 17.623 V/m ; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.827 mW/g

SAR(1 g) = 0.396 mW/g ; SAR(10 g) = 0.187 mW/g

Maximum value of SAR (measured) = 0.603 mW/g



$0 \text{ dB} = 0.603 \text{ mW/g} = -4.39 \text{ dB mW/g}$

#45_WLAN2.4G_802.11n-HT20_Tip Mode_0.5cm_Ch6;Ant 1+2

DUT: 2N0801-01

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

Medium: MSL_2450_121206 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.996$ mho/m; $\epsilon_r = 53.88$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °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: 1026
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch6/Area Scan (51x71x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.306 mW/g

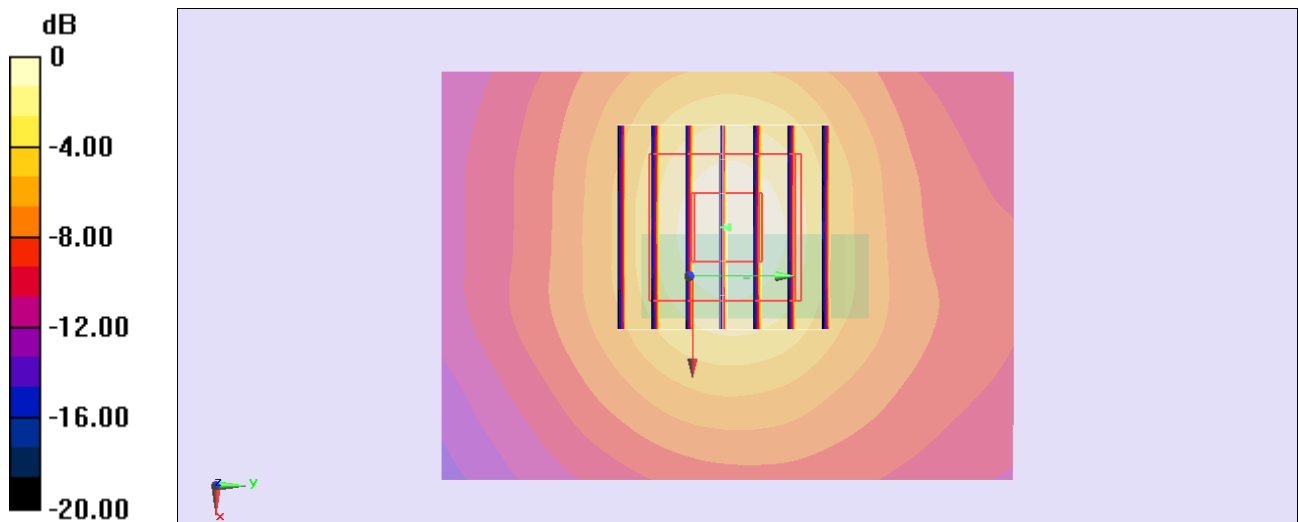
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.602 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.417 mW/g

SAR(1 g) = 0.205 mW/g; SAR(10 g) = 0.100 mW/g

Maximum value of SAR (measured) = 0.307 mW/g



0 dB = 0.307 mW/g = -10.26 dB mW/g

#46_WLAN2.4G_802.11n-HT20_Horizontal Up_0.5cm_Ch1;Ant 1+2

DUT: 2N0801-01

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

Medium: MSL_2450_121206 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.959$ mho/m; $\epsilon_r = 53.951$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °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: 1026
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch1/Area Scan (51x101x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (interpolated) = 1.53 mW/g

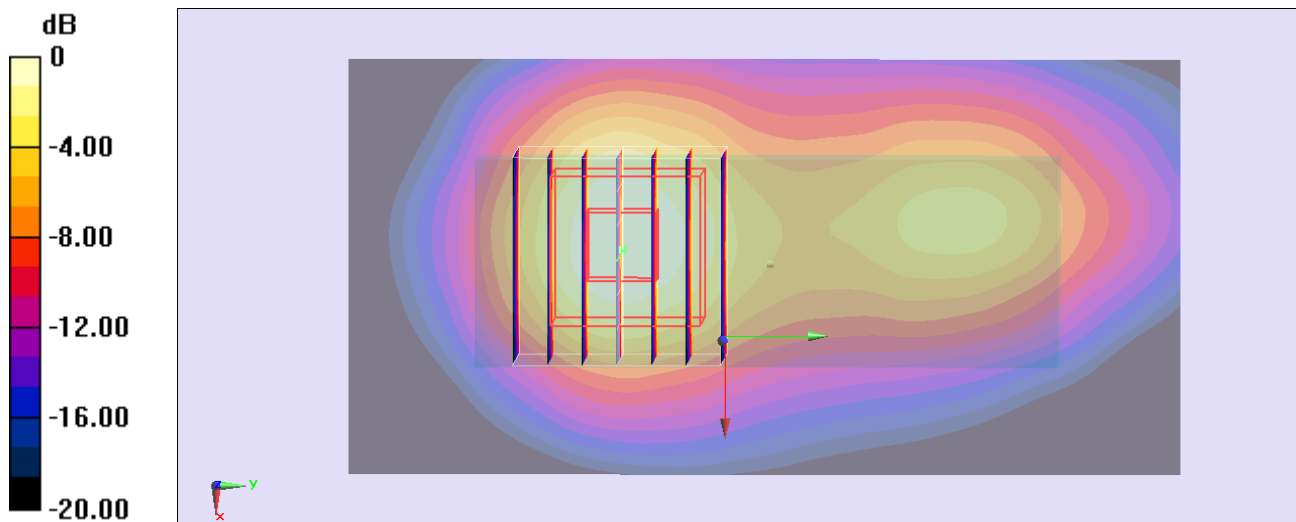
Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.035 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.905 mW/g

SAR(1 g) = 0.934 mW/g; SAR(10 g) = 0.451 mW/g

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



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

#47_WLAN2.4G_802.11n-HT20_Horizontal Up_0.5cm_Ch11;Ant 1+2

DUT: 2N0801-01

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

Medium: MSL_2450_121206 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.032$ mho/m; $\epsilon_r = 53.846$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °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: 1026
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch11/Area Scan (51x101x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 1.81 mW/g

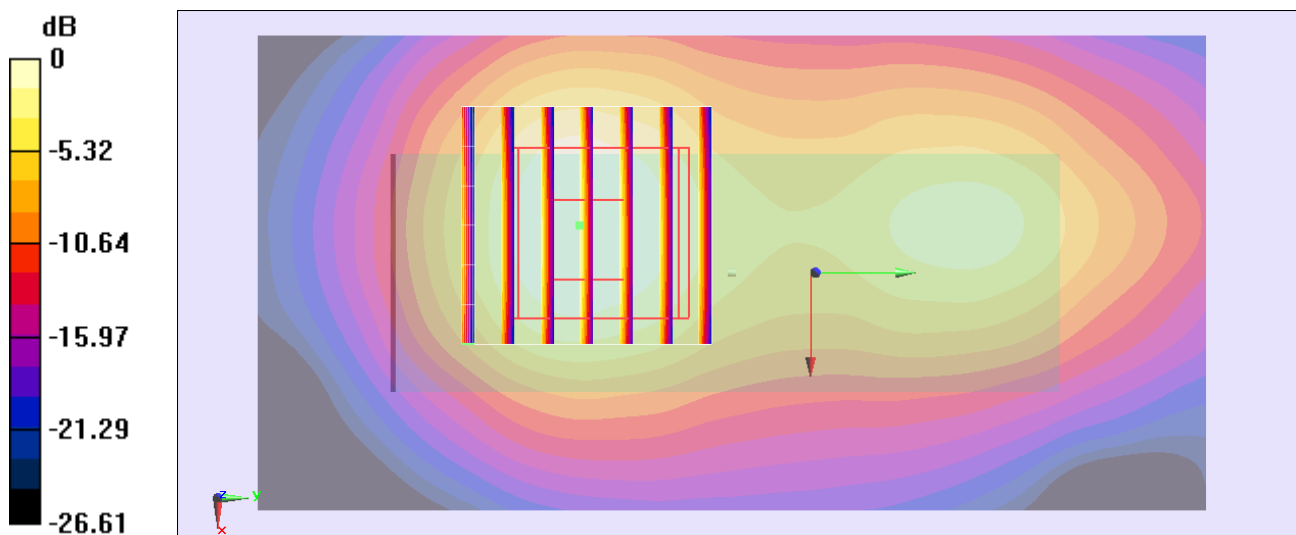
Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.927 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 2.268 mW/g

SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.524 mW/g

Maximum value of SAR (measured) = 1.63 mW/g



0 dB = 1.63 mW/g = 4.24 dB mW/g

#52_WLAN2.4G_802.11n-HT20_Horizontal Up_0.5cm_Ch11;Ant 1+2_Repeat

DUT: 2N0801-01

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

Medium: MSL_2450_121206 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.032$ mho/m; $\epsilon_r = 53.846$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °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: 1026
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch11/Area Scan (51x101x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (interpolated) = 1.73 mW/g

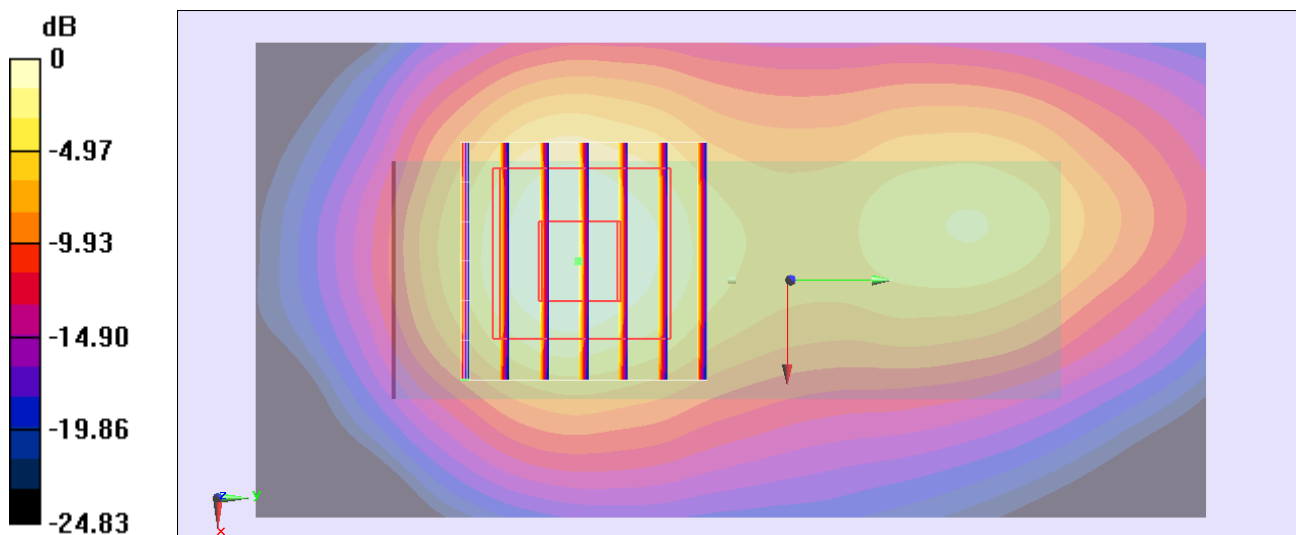
Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.242 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.170 mW/g

SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.509 mW/g

Maximum value of SAR (measured) = 1.58 mW/g



0 dB = 1.58 mW/g = 3.97 dB mW/g

#48_WLAN2.4G_802.11n-HT20_Horizontal Down_0.5cm_Ch1;Ant 1+2

DUT: 2N0801-01

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

Medium: MSL_2450_121206 Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.959 \text{ mho/m}$; $\epsilon_r = 53.951$; ρ

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

Ambient Temperature : $22.5 \text{ }^\circ\text{C}$; Liquid Temperature : $21.5 \text{ }^\circ\text{C}$

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: 1026
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch1/Area Scan (51x101x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
 Maximum value of SAR (interpolated) = 1.26 mW/g

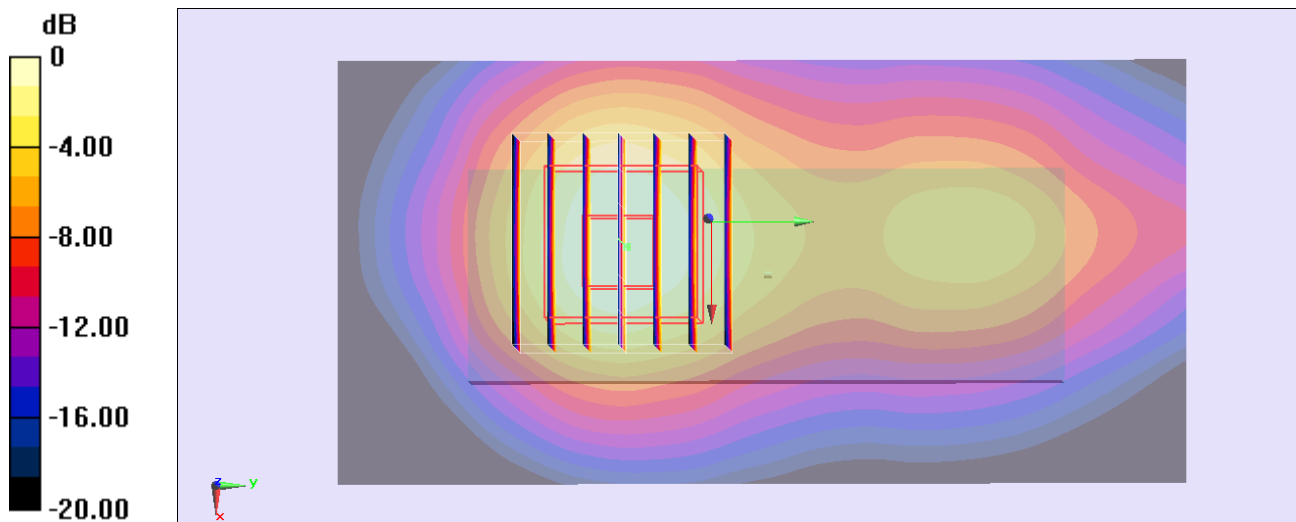
Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$,
 $dz=5\text{mm}$

Reference Value = 24.918 V/m ; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.612 mW/g

SAR(1 g) = 0.811 mW/g ; SAR(10 g) = 0.403 mW/g

Maximum value of SAR (measured) = 1.18 mW/g



0 dB = $1.18 \text{ mW/g} = 1.44 \text{ dB mW/g}$

#49_WLAN2.4G_802.11n-HT20_Horizontal Down_0.5cm_Ch11;Ant 1+2

DUT: 2N0801-01

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

Medium: MSL_2450_121206 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.032$ mho/m; $\epsilon_r = 53.846$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °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: 1026
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch11/Area Scan (51x101x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (interpolated) = 1.44 mW/g

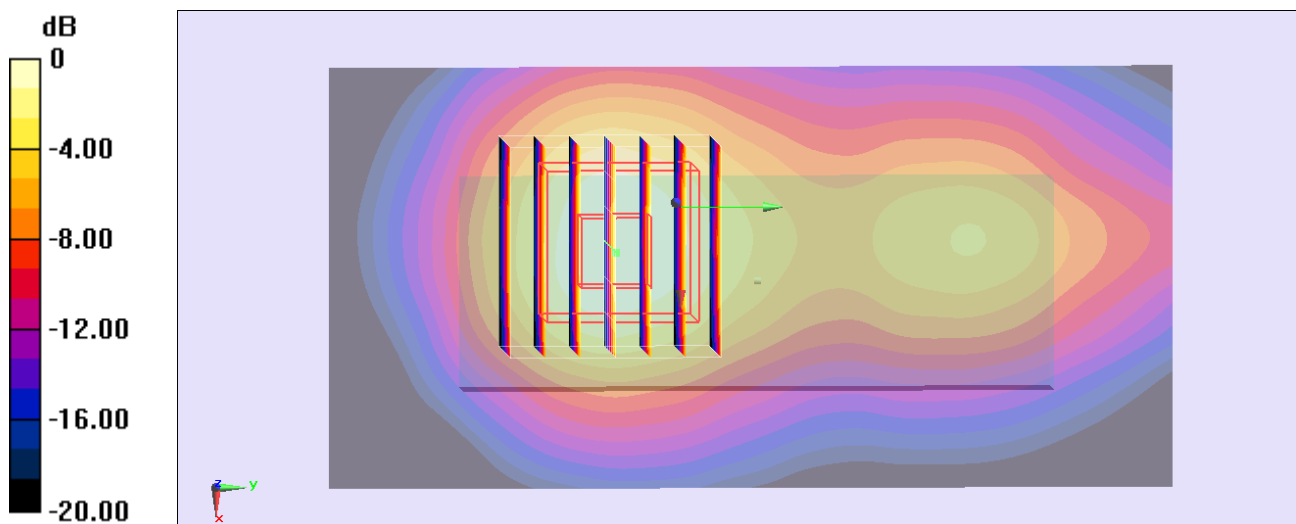
Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.121 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.831 mW/g

SAR(1 g) = 0.916 mW/g; SAR(10 g) = 0.455 mW/g

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



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

#01_WLAN5G_802.11a_Horizontal Up_0.5cm_Ch48;Ant 2

DUT: 2N0801-01

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

Medium: MSL_5G_121205 Medium parameters used: $f = 5240$ MHz; $\sigma = 5.367$ mho/m; $\epsilon_r = 47.364$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.7 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (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 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch48/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.989 mW/g

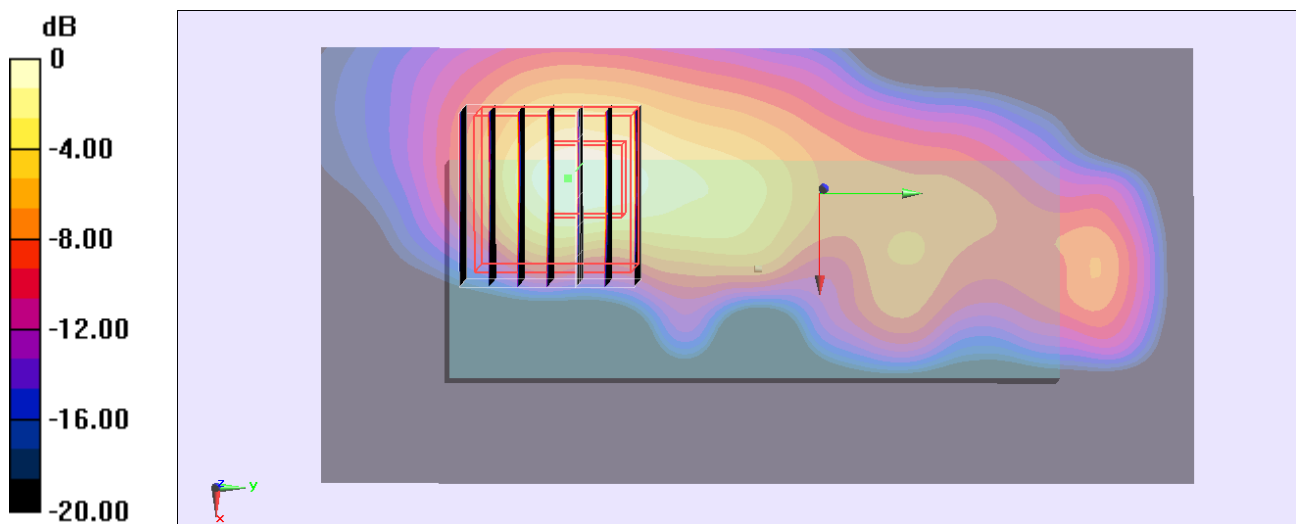
Configuration/Ch48/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 15.579 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.712 mW/g

SAR(1 g) = 0.416 mW/g; SAR(10 g) = 0.112 mW/g

Maximum value of SAR (measured) = 0.976 mW/g



0 dB = 0.976 mW/g = -0.21 dB mW/g

#02_WLAN5G_802.11a_Horizontal Down_0.5cm_Ch48;Ant 2

DUT: 2N0801-01

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

Medium: MSL_5G_121205 Medium parameters used: $f = 5240$ MHz; $\sigma = 5.367$ mho/m; $\epsilon_r = 47.364$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.7 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (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 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch48/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 1.00 mW/g

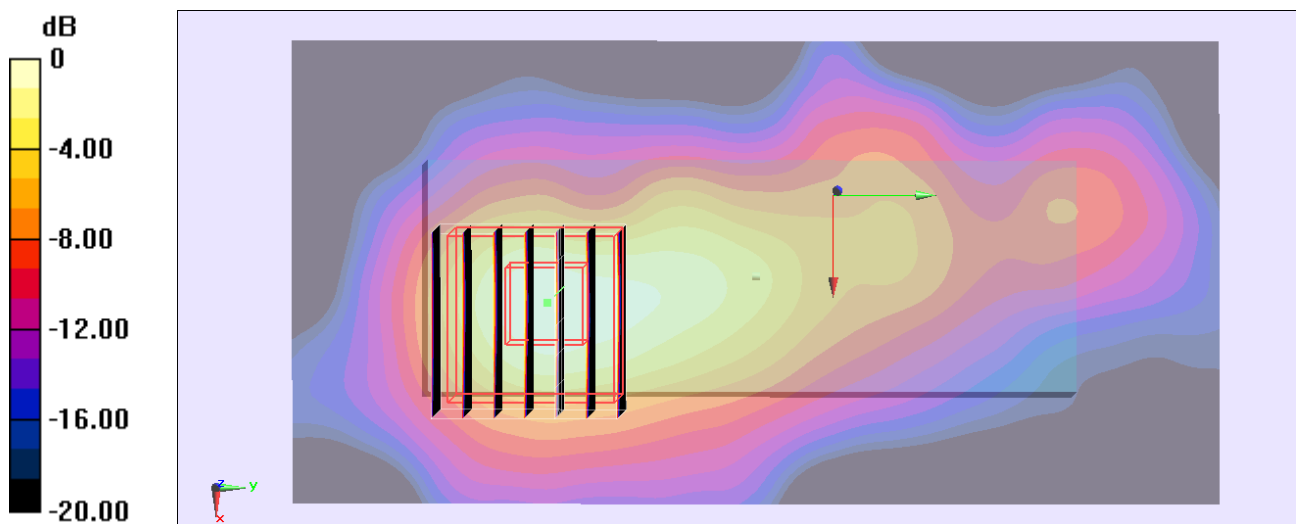
Configuration/Ch48/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 15.509 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.566 mW/g

SAR(1 g) = 0.400 mW/g; SAR(10 g) = 0.123 mW/g

Maximum value of SAR (measured) = 0.948 mW/g



0 dB = 0.948 mW/g = -0.46 dB mW/g

#03_WLAN5G_802.11a_Vertical Front_0.5cm_Ch48;Ant 2

DUT: 2N0801-01

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

Medium: MSL_5G_121205 Medium parameters used: $f = 5240$ MHz; $\sigma = 5.367$ mho/m; $\epsilon_r = 47.364$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.7 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (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 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch48/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.137 mW/g

Configuration/Ch48/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.107 V/m; Power Drift = -0.026 dB

Peak SAR (extrapolated) = 0.259 mW/g

SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.00881 mW/g

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

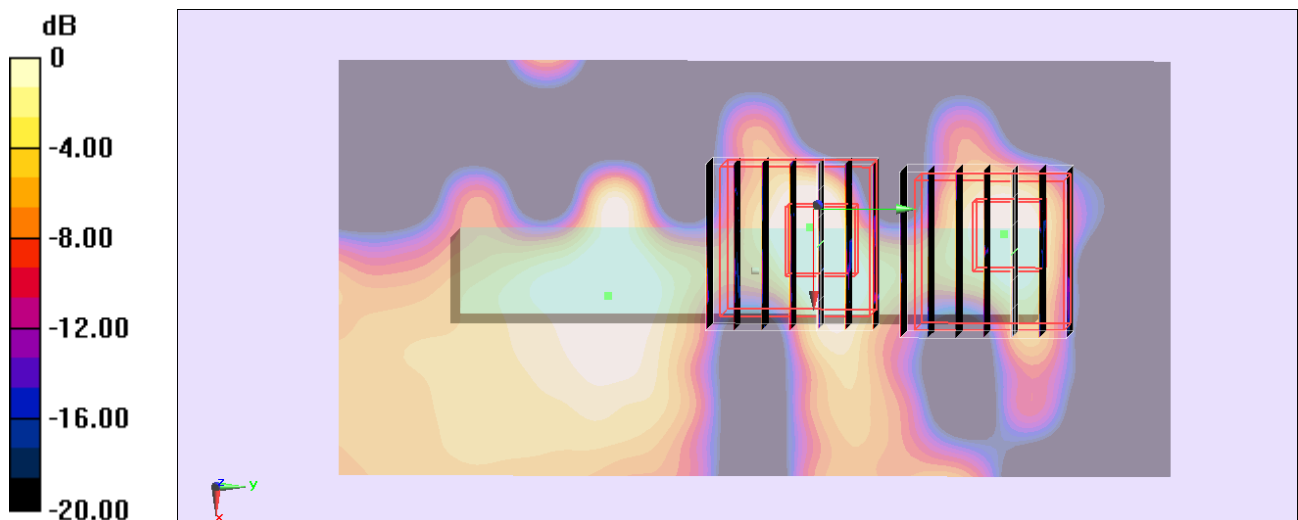
Configuration/Ch48/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.107 V/m; Power Drift = -0.026 dB

Peak SAR (extrapolated) = 0.233 mW/g

SAR(1 g) = 0.018 mW/g; SAR(10 g) = 0.00457 mW/g

Maximum value of SAR (measured) = 0.0565 mW/g



0 dB = 0.0565 mW/g = -24.96 dB mW/g

#04_WLAN5G_802.11a_Veritical Back_0.5cm_Ch48;Ant 2

DUT: 2N0801-01

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

Medium: MSL_5G_121205 Medium parameters used: $f = 5240$ MHz; $\sigma = 5.367$ mho/m; $\epsilon_r = 47.364$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.7 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (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 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch48/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 1.38 mW/g

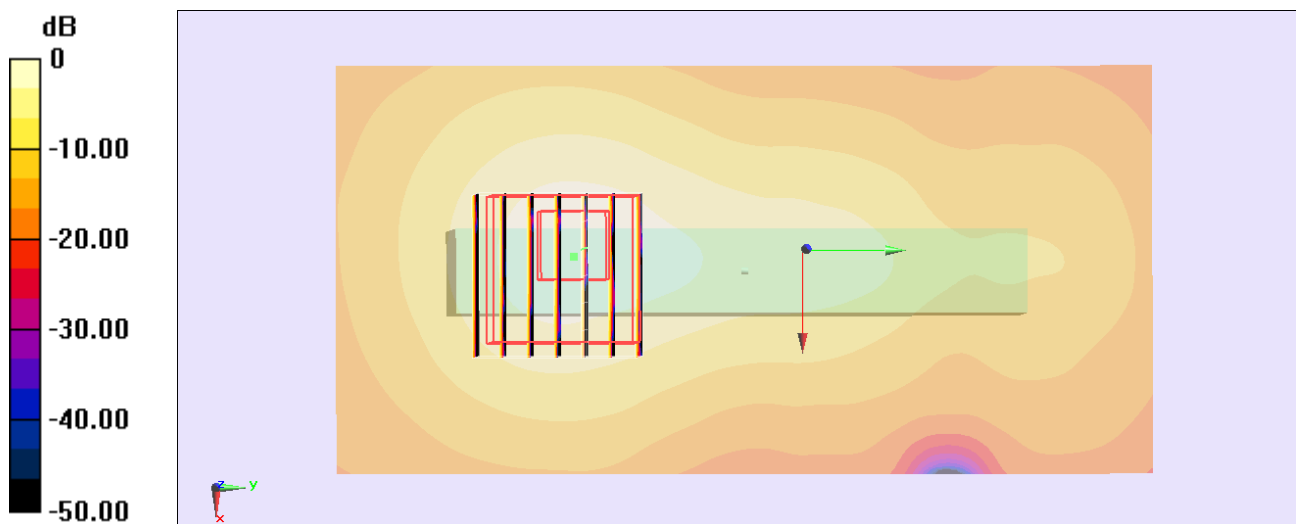
Configuration/Ch48/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 19.602 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.588 mW/g

SAR(1 g) = 0.669 mW/g; SAR(10 g) = 0.222 mW/g

Maximum value of SAR (measured) = 1.55 mW/g



0 dB = 1.55 mW/g = 3.81 dB mW/g

#05_WLAN5G_802.11a_Tip Mode_0.5cm_Ch48;Ant 2

DUT: 2N0801-01

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

Medium: MSL_5G_121205 Medium parameters used: $f = 5240$ MHz; $\sigma = 5.367$ mho/m; $\epsilon_r = 47.364$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.7 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (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 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch48/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.287 mW/g

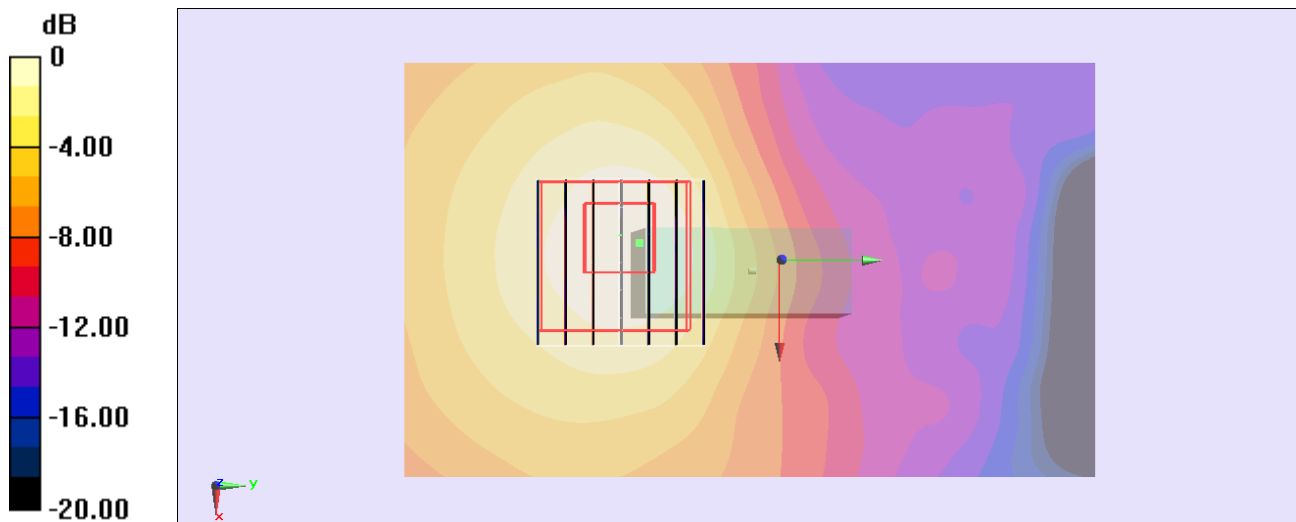
Configuration/Ch48/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.250 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.462 mW/g

SAR(1 g) = 0.122 mW/g; SAR(10 g) = 0.047 mW/g

Maximum value of SAR (measured) = 0.284 mW/g



0 dB = 0.284 mW/g = -10.93 dB mW/g

#06_WLAN5G_802.11a_Horizontal Up_0.5cm_Ch157;Ant 2

DUT: 2N0801-01

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

Medium: MSL_5G_121205 Medium parameters used: $f = 5785$ MHz; $\sigma = 6.23$ mho/m; $\epsilon_r = 46.452$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (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 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch157/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 1.69 mW/g

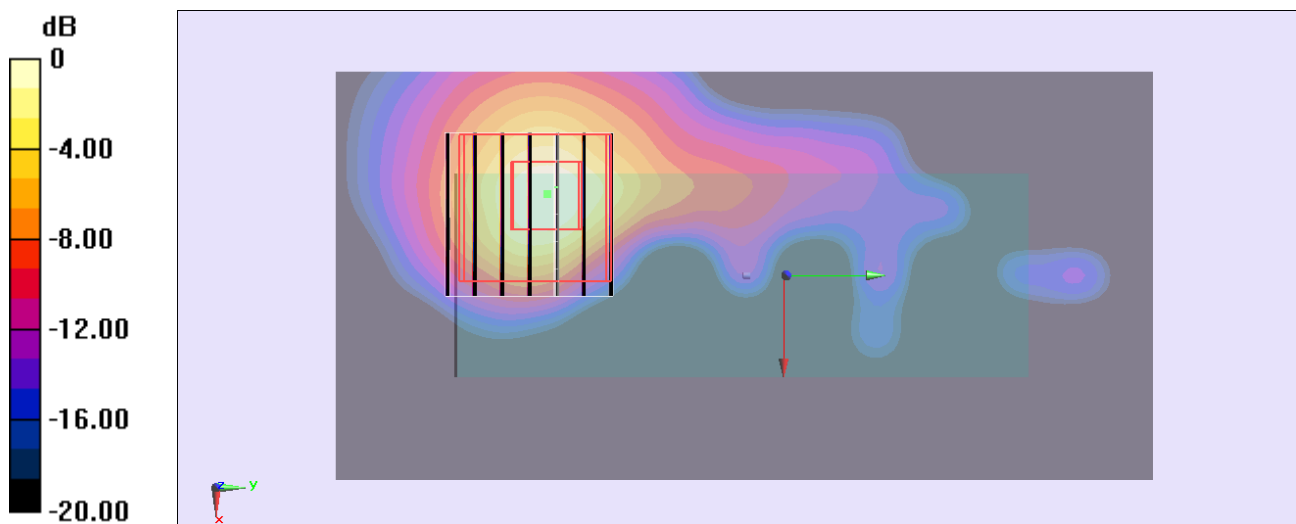
Configuration/Ch157/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 19.302 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.836 mW/g

SAR(1 g) = 0.630 mW/g; SAR(10 g) = 0.173 mW/g

Maximum value of SAR (measured) = 1.60 mW/g



0 dB = 1.60 mW/g = 4.08 dB mW/g

#07_WLAN5G_802.11a_Horizontal Down_0.5cm_Ch157;Ant 2

DUT: 2N0801-01

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

Medium: MSL_5G_121205 Medium parameters used: $f = 5785$ MHz; $\sigma = 6.23$ mho/m; $\epsilon_r = 46.452$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (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 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch157/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 1.36 mW/g

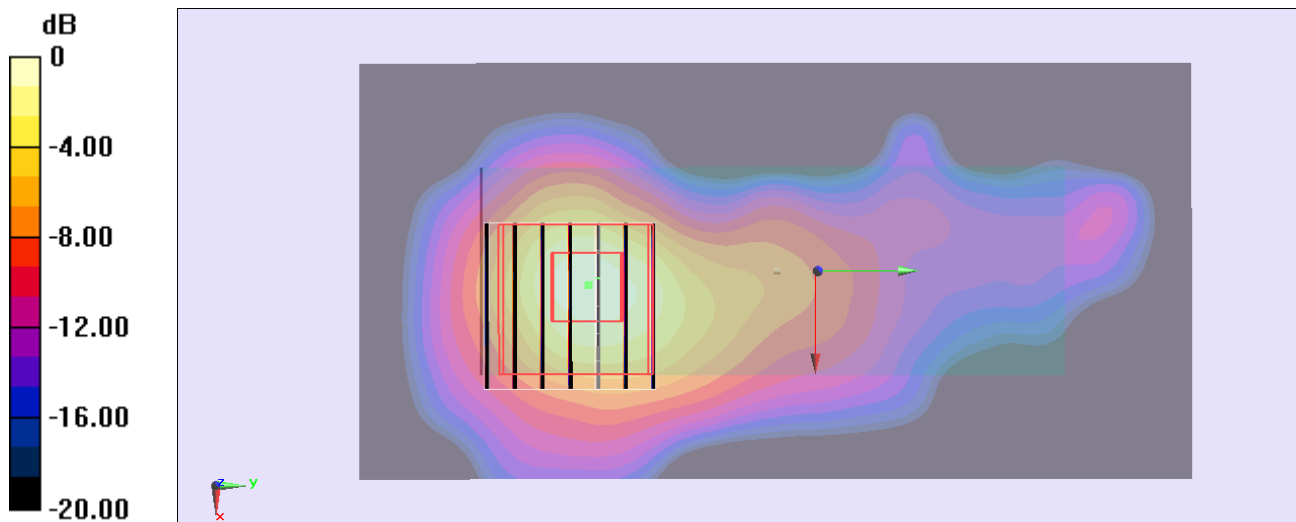
Configuration/Ch157/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 17.951 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.359 mW/g

SAR(1 g) = 0.550 mW/g; SAR(10 g) = 0.158 mW/g

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



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

#08_WLAN5G_802.11a_Vertical Front_0.5cm_Ch157;Ant 2

DUT: 2N0801-01

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

Medium: MSL_5G_121205 Medium parameters used: $f = 5785$ MHz; $\sigma = 6.23$ mho/m; $\epsilon_r = 46.452$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (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 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch157/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.135 mW/g

Configuration/Ch157/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.995 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.248 mW/g

SAR(1 g) = 0.022 mW/g; SAR(10 g) = 0.00876 mW/g

Maximum value of SAR (measured) = 0.0696 mW/g

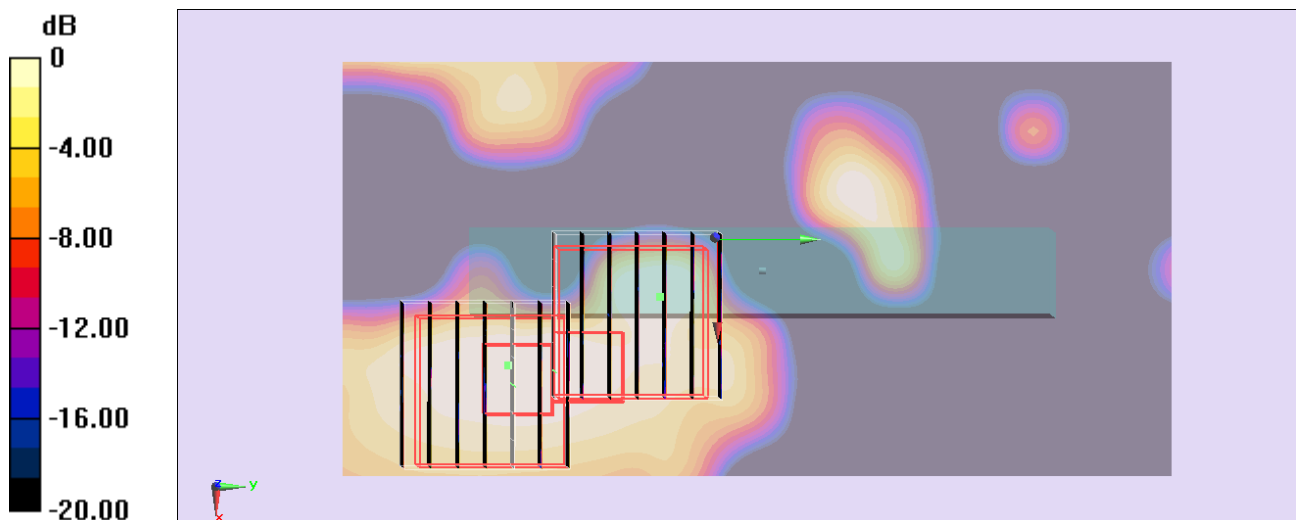
Configuration/Ch157/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.995 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.253 mW/g

SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.00604 mW/g

Maximum value of SAR (measured) = 0.0671 mW/g



0 dB = 0.0671 mW/g = -23.47 dB mW/g

#09_WLAN5G_802.11a_Vertical Back_0.5cm_Ch157;Ant 2

DUT: 2N0801-01

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

Medium: MSL_5G_121205 Medium parameters used: $f = 5785$ MHz; $\sigma = 6.23$ mho/m; $\epsilon_r = 46.452$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (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 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch157/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 2.55 mW/g

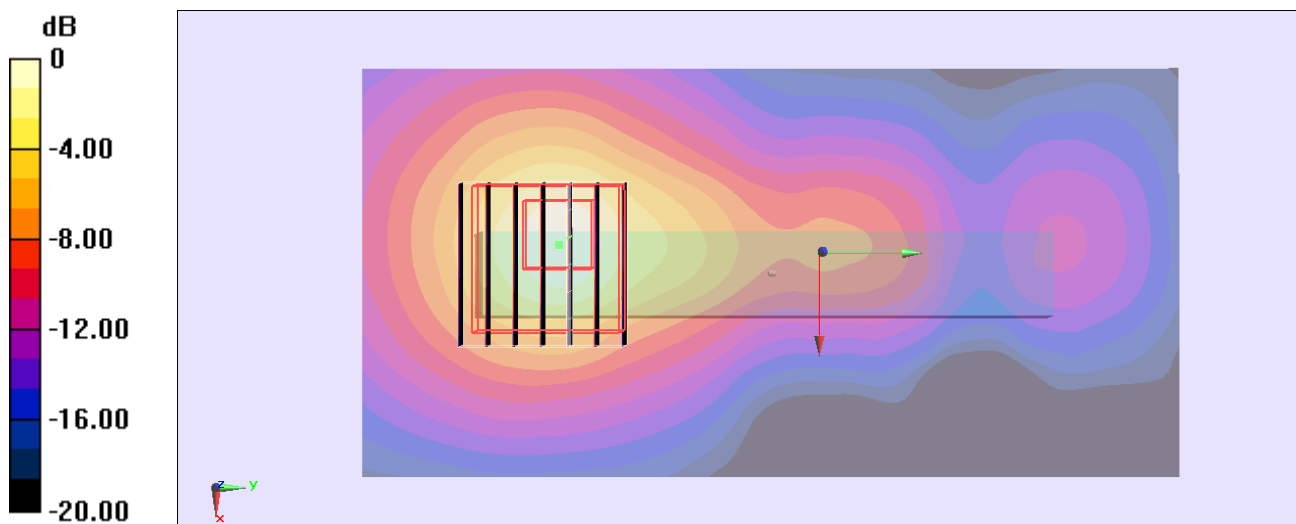
Configuration/Ch157/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 24.398 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 4.577 mW/g

SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.340 mW/g

Maximum value of SAR (measured) = 2.64 mW/g



0 dB = 2.64 mW/g = 8.43 dB mW/g

#53_WLAN5G_802.11a_Vertical Back_0.5cm_Ch157;Ant 2_Repeat

DUT: 2N0801-01

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

Medium: MSL_5G_121205 Medium parameters used: $f = 5785$ MHz; $\sigma = 6.23$ mho/m; $\epsilon_r = 46.452$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (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 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch157/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 1.81 mW/g

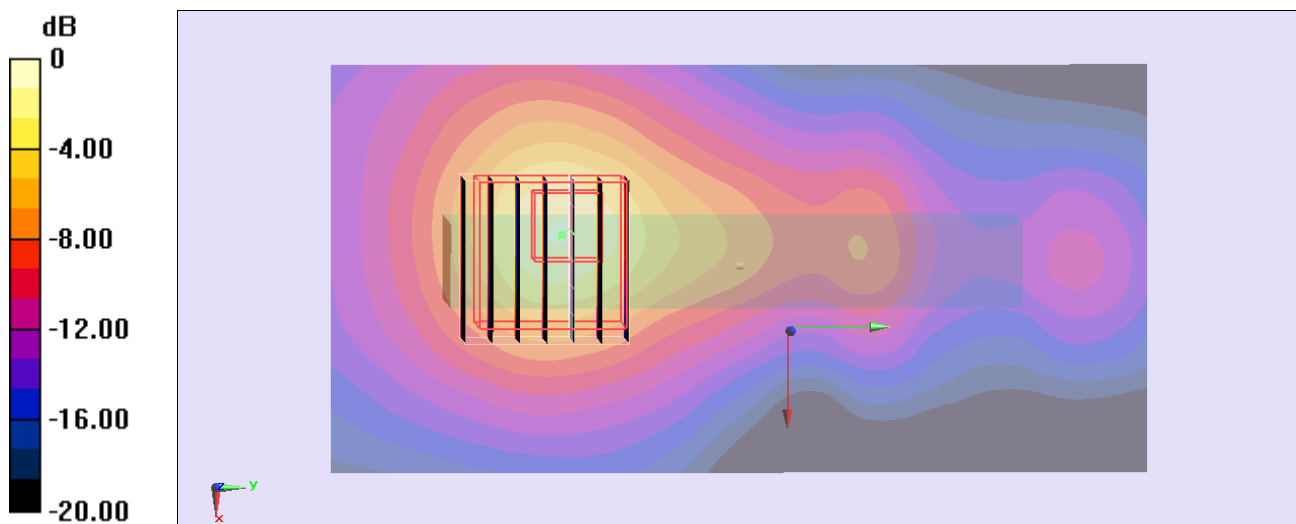
Configuration/Ch157/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm,
 dz=1.4mm

Reference Value = 21.344 V/m; Power Drift = 0.069 dB

Peak SAR (extrapolated) = 4.060 mW/g

SAR(1 g) = 0.953 mW/g; SAR(10 g) = 0.292 mW/g

Maximum value of SAR (measured) = 2.40 mW/g



0 dB = 2.40 mW/g = 7.60 dB mW/g

#10_WLAN5G_802.11a_Tip Mode_0.5cm_Ch157;Ant 2

DUT: 2N0801-01

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

Medium: MSL_5G_121205 Medium parameters used: $f = 5785$ MHz; $\sigma = 6.23$ mho/m; $\epsilon_r = 46.452$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (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 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch157/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.665 mW/g

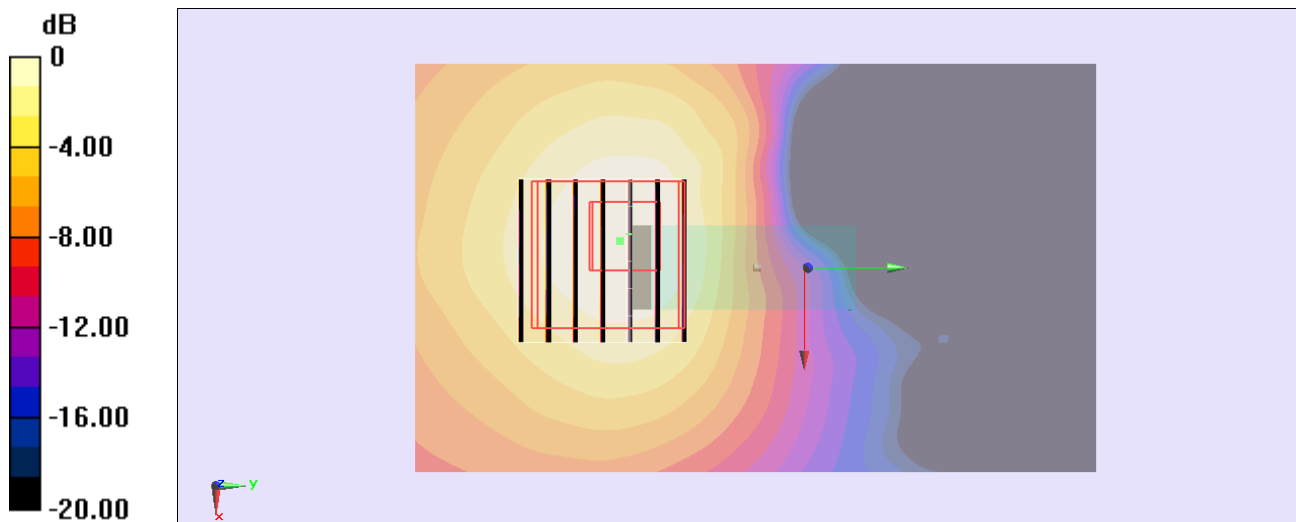
Configuration/Ch157/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm,
 dz=1.4mm

Reference Value = 11.761 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.048 mW/g

SAR(1 g) = 0.259 mW/g; SAR(10 g) = 0.101 mW/g

Maximum value of SAR (measured) = 0.621 mW/g



0 dB = 0.621 mW/g = -4.14 dB mW/g

#11_WLAN5G_802.11a_Vertical Back_0.5cm_Ch153;Ant 2

DUT: 2N0801-01

Communication System: 802.11a; Frequency: 5765 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121205 Medium parameters used: $f = 5765$ MHz; $\sigma = 6.212$ mho/m; $\epsilon_r = 46.539$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (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 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch153/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 2.41 mW/g

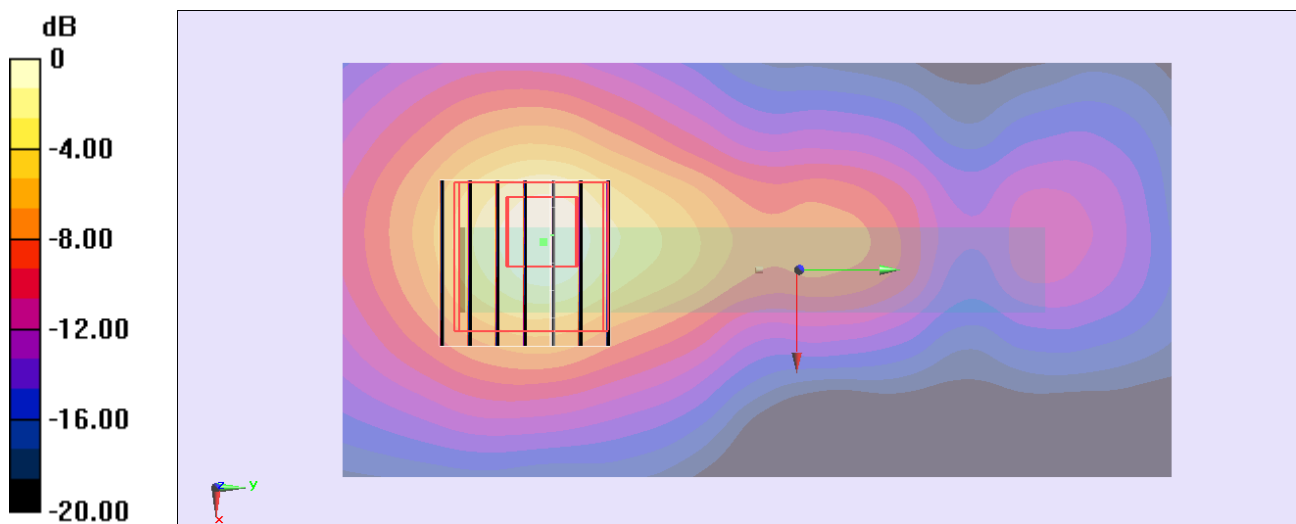
Configuration/Ch153/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm,
 dz=1.4mm

Reference Value = 23.413 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 4.180 mW/g

SAR(1 g) = 0.981 mW/g; SAR(10 g) = 0.310 mW/g

Maximum value of SAR (measured) = 2.42 mW/g



0 dB = 2.42 mW/g = 7.68 dB mW/g

#12_WLAN5G_802.11a_Verical Back_0.5cm_Ch161;Ant 2

DUT: 2N0801-01

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

Medium: MSL_5G_121205 Medium parameters used: $f = 5805$ MHz; $\sigma = 6.25$ mho/m; $\epsilon_r = 46.374$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (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 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch161/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 2.19 mW/g

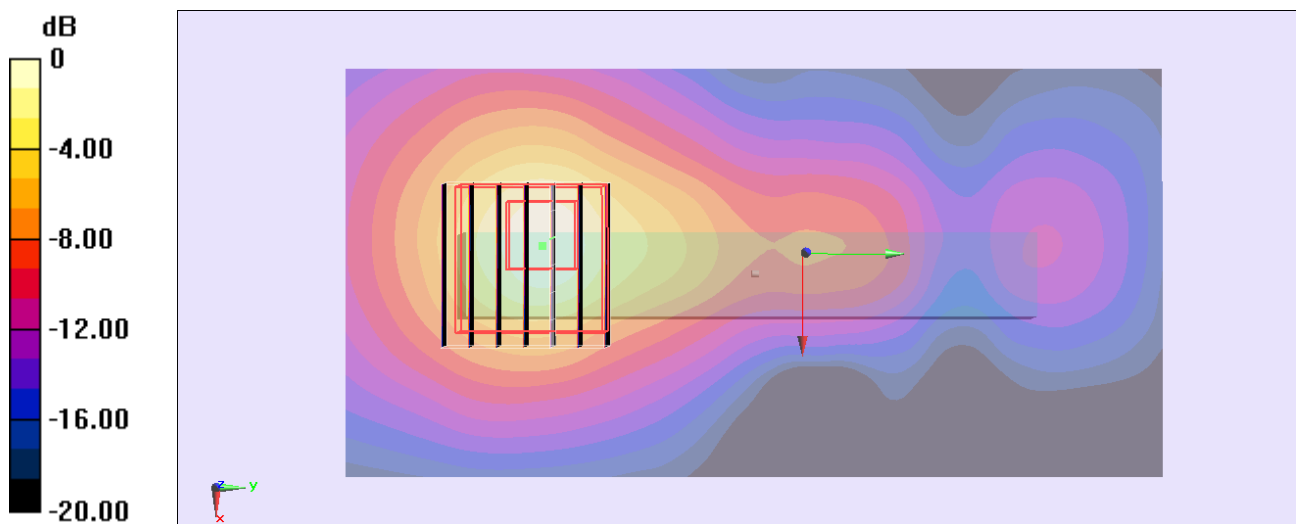
Configuration/Ch161/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm,
 dz=1.4mm

Reference Value = 22.531 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.924 mW/g

SAR(1 g) = 0.914 mW/g; SAR(10 g) = 0.288 mW/g

Maximum value of SAR (measured) = 2.25 mW/g



0 dB = 2.25 mW/g = 7.04 dB mW/g

#13_WLAN5G_802.11n-HT20_Horizontal Up_0.5cm_Ch40;Ant 1+2

DUT: 2N0801-01

Communication System: 802.11n; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121205 Medium parameters used: $f = 5200$ MHz; $\sigma = 5.336$ mho/m; $\epsilon_r = 47.488$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.7 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (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 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch40/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.524 mW/g

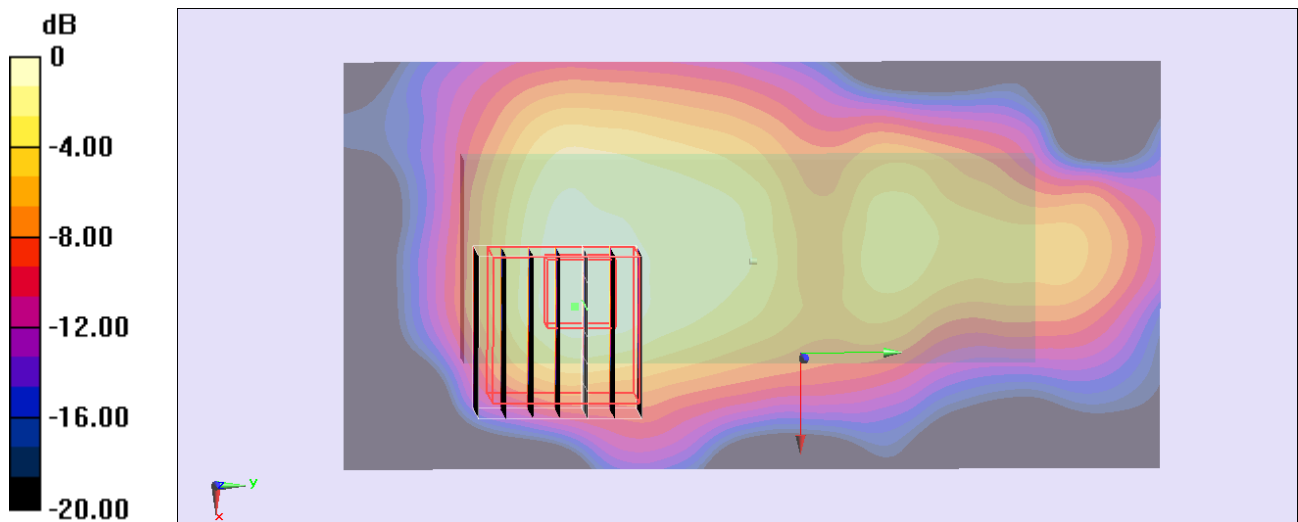
Configuration/Ch40/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.633 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.884 mW/g

SAR(1 g) = 0.229 mW/g; SAR(10 g) = 0.064 mW/g

Maximum value of SAR (measured) = 0.560 mW/g



0 dB = 0.560 mW/g = -5.04 dB mW/g

#14_WLAN5G_802.11n-HT20_Horizontal Down_0.5cm_Ch40;Ant 1+2

DUT: 2N0801-01

Communication System: 802.11n; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121205 Medium parameters used: $f = 5200$ MHz; $\sigma = 5.336$ mho/m; $\epsilon_r = 47.488$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.7 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (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 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch40/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.380 mW/g

Configuration/Ch40/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 9.714 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.603 mW/g

SAR(1 g) = 0.160 mW/g; SAR(10 g) = 0.052 mW/g

Maximum value of SAR (measured) = 0.383 mW/g

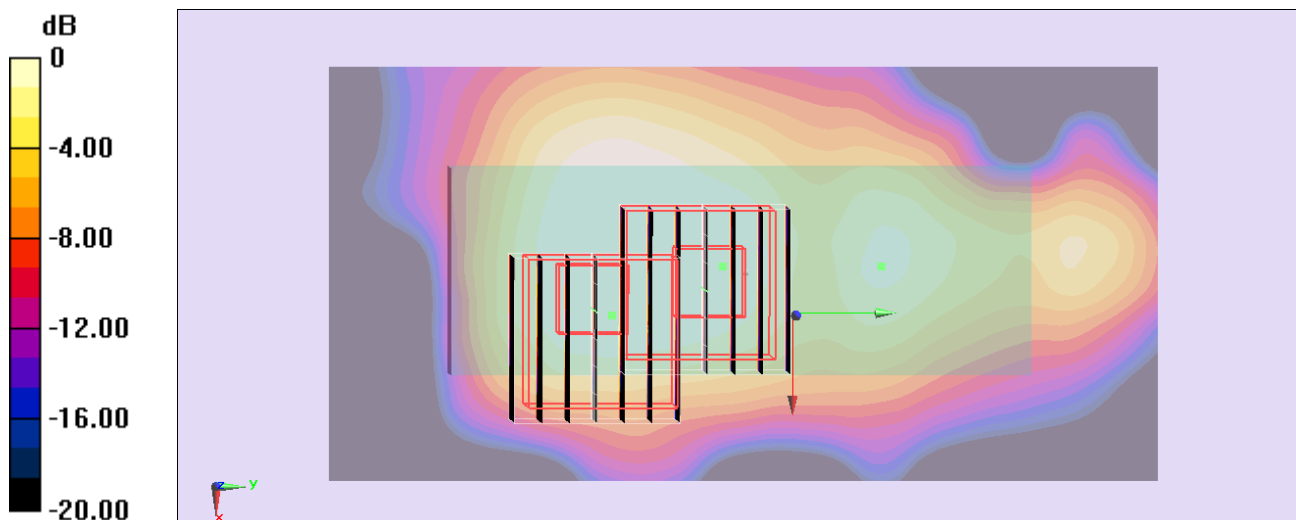
Configuration/Ch40/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 9.714 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.620 mW/g

SAR(1 g) = 0.154 mW/g; SAR(10 g) = 0.060 mW/g

Maximum value of SAR (measured) = 0.363 mW/g



0 dB = 0.363 mW/g = -8.80 dB mW/g

#15_WLAN5G_802.11n-HT20_Vertical Front_0.5cm_Ch40;Ant 1+2

DUT: 2N0801-01

Communication System: 802.11n; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121205 Medium parameters used: $f = 5200$ MHz; $\sigma = 5.336$ mho/m; $\epsilon_r = 47.488$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.7 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (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 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch40/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.669 mW/g

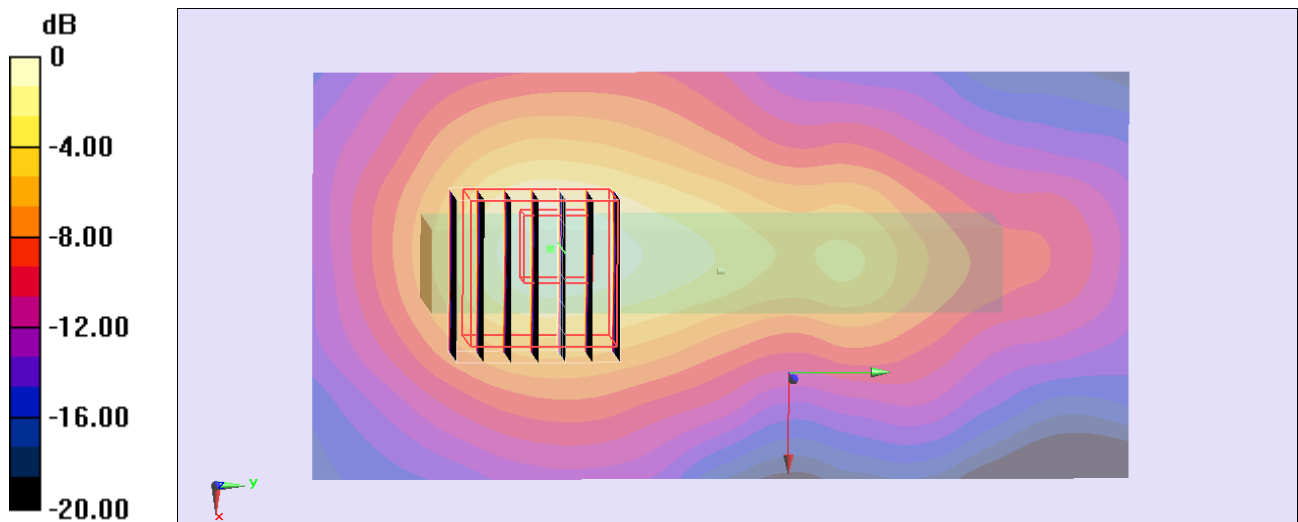
Configuration/Ch40/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 13.046 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.126 mW/g

SAR(1 g) = 0.284 mW/g; SAR(10 g) = 0.096 mW/g

Maximum value of SAR (measured) = 0.674 mW/g



0 dB = 0.674 mW/g = -3.43 dB mW/g

#16_WLAN5G_802.11n-HT20_Vertical Back_0.5cm_Ch40;Ant 1+2

DUT: 2N0801-01

Communication System: 802.11n; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121205 Medium parameters used: $f = 5200$ MHz; $\sigma = 5.336$ mho/m; $\epsilon_r = 47.488$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.7 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (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 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch40/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.728 mW/g

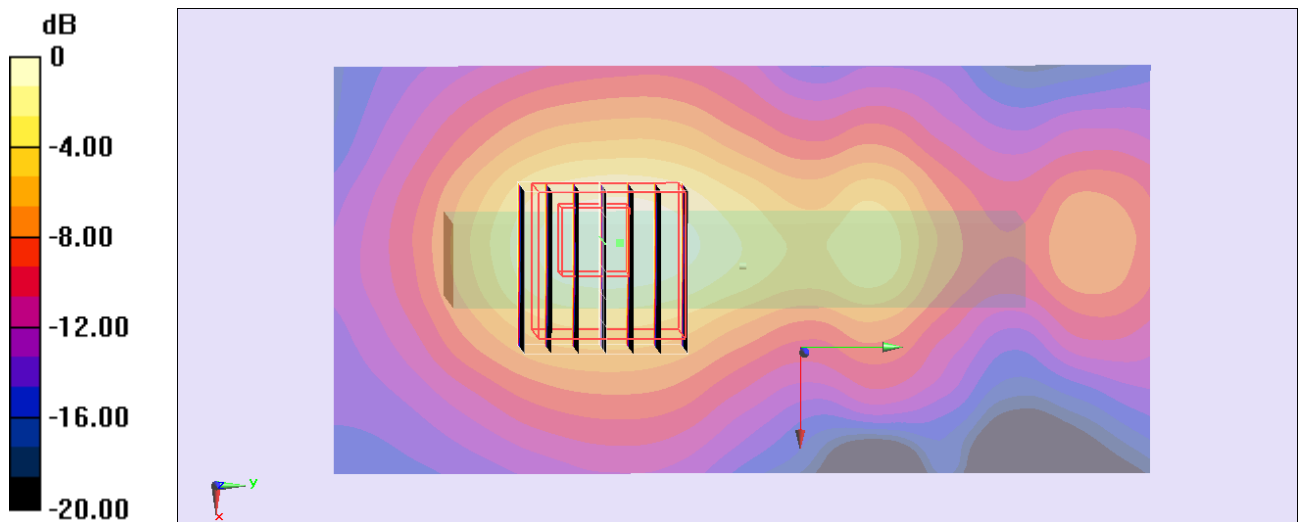
Configuration/Ch40/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 13.392 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.237 mW/g

SAR(1 g) = 0.326 mW/g; SAR(10 g) = 0.118 mW/g

Maximum value of SAR (measured) = 0.747 mW/g



0 dB = 0.747 mW/g = -2.53 dB mW/g

#17_WLAN5G_802.11n-HT20_Tip Mode_0.5cm_Ch40;Ant 1+2

DUT: 2N0801-01

Communication System: 802.11n; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121205 Medium parameters used: $f = 5200$ MHz; $\sigma = 5.336$ mho/m; $\epsilon_r = 47.488$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.7 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (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 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch40/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.201 mW/g

Configuration/Ch40/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.468 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.258 mW/g

SAR(1 g) = 0.071 mW/g; SAR(10 g) = 0.028 mW/g

Maximum value of SAR (measured) = 0.194 mW/g

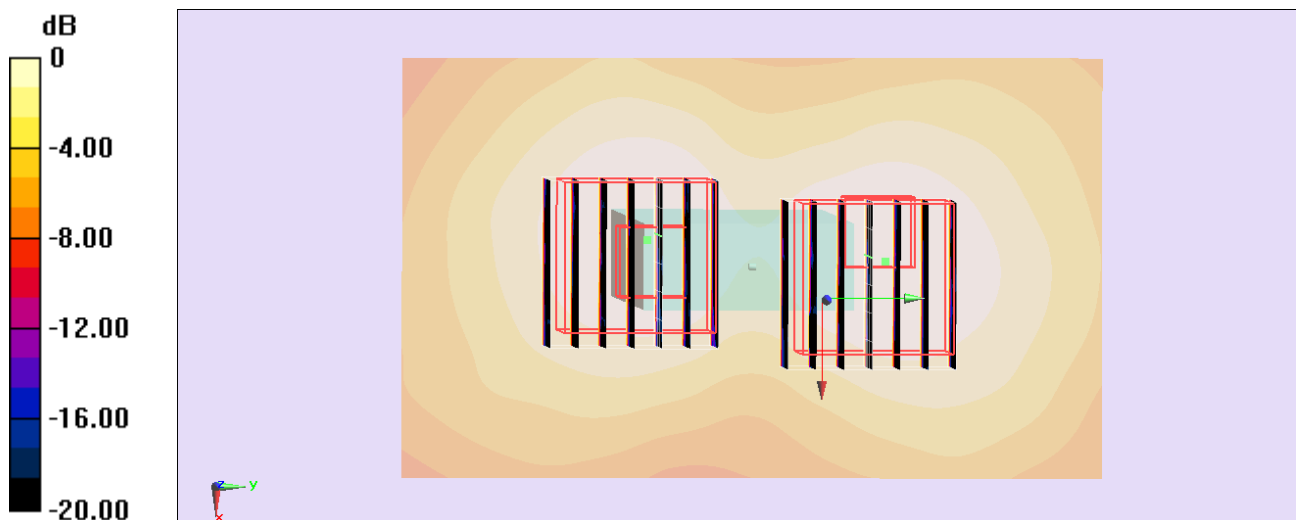
Configuration/Ch40/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.468 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.215 mW/g

SAR(1 g) = 0.060 mW/g; SAR(10 g) = 0.024 mW/g

Maximum value of SAR (measured) = 0.170 mW/g



0 dB = 0.170 mW/g = -15.39 dB mW/g

#50_WLAN5G_802.11ac-VHT80_Verical Back_0.5cm_Ch42;Ant 1+2

DUT: 2N0801-01

Communication System: 802.11n; Frequency: 5210 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121205 Medium parameters used: $f = 5210$ MHz; $\sigma = 5.344$ mho/m; $\epsilon_r = 47.457$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.7 °C ; Liquid Temperature : 21.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (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 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch42/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.154 mW/g

Configuration/Ch42/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.329 V/m; Power Drift = -0.155 dB

Peak SAR (extrapolated) = 0.780 mW/g

SAR(1 g) = 0.188 mW/g; SAR(10 g) = 0.057 mW/g

Maximum value of SAR (measured) = 0.459 mW/g

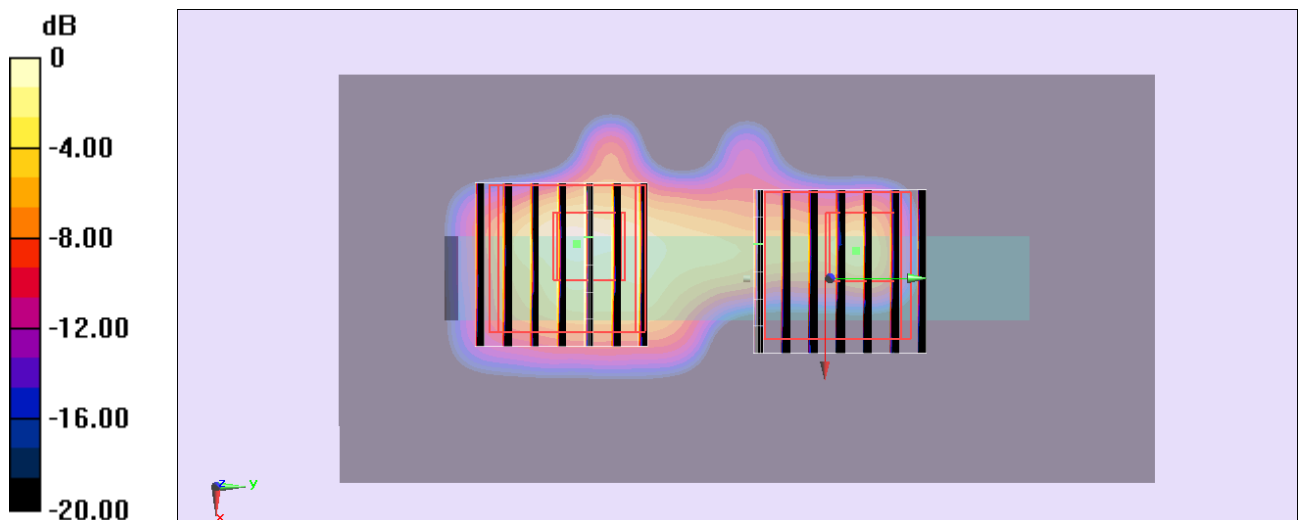
Configuration/Ch42/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.329 V/m; Power Drift = -0.155 dB

Peak SAR (extrapolated) = 0.305 mW/g

SAR(1 g) = 0.063 mW/g; SAR(10 g) = 0.021 mW/g

Maximum value of SAR (measured) = 0.182 mW/g



0 dB = 0.182 mW/g = -14.80 dB mW/g

#18_WLAN5G_802.11n-HT20_Horizontal Up_0.5cm_Ch149;Ant 1+2

DUT: 2N0801-01

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

Medium: MSL_5G_121205 Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 6.184 \text{ mho/m}$; $\epsilon_r = 46.6$; $\rho =$

1000 kg/m^3

Ambient Temperature : $22.6 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (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 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch149/Area Scan (61x121x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
 Maximum value of SAR (interpolated) = 2.07 mW/g

Configuration/Ch149/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$,
 $dz=1.4\text{mm}$

Reference Value = 21.325 V/m ; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 3.457 mW/g

SAR(1 g) = 0.847 mW/g ; SAR(10 g) = 0.282 mW/g

Maximum value of SAR (measured) = 2.04 mW/g

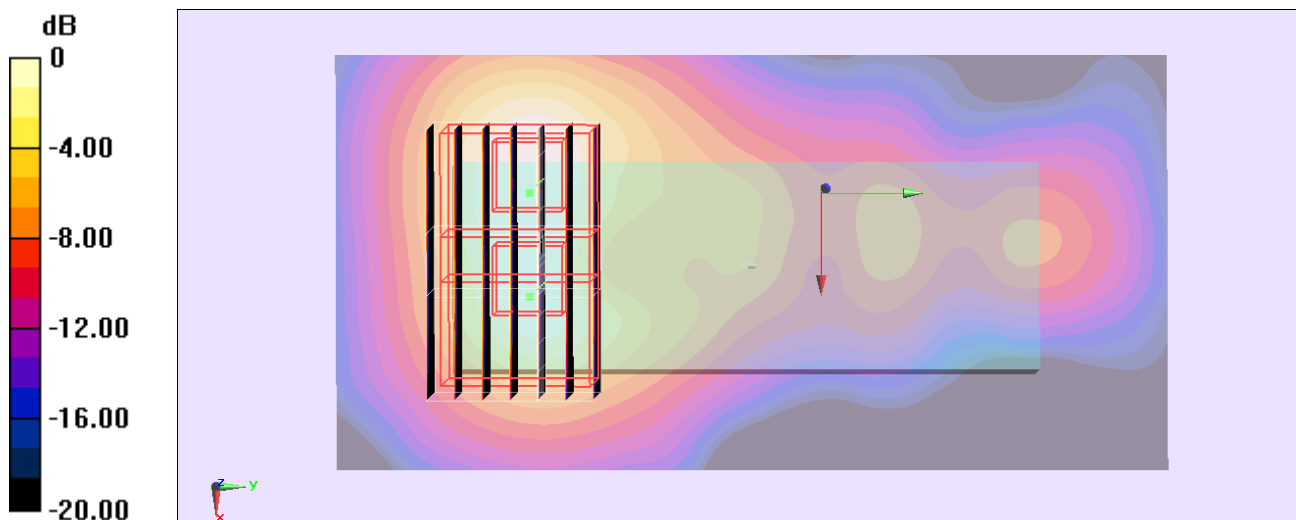
Configuration/Ch149/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$,
 $dz=1.4\text{mm}$

Reference Value = 21.325 V/m ; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 2.673 mW/g

SAR(1 g) = 0.670 mW/g ; SAR(10 g) = 0.205 mW/g

Maximum value of SAR (measured) = 1.61 mW/g



$0 \text{ dB} = 1.61 \text{ mW/g} = 4.14 \text{ dB mW/g}$

#19_WLAN5G_802.11n-HT20_Horizontal Down_0.5cm_Ch149;Ant 1+2

DUT: 2N0801-01

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

Medium: MSL_5G_121205 Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 6.184 \text{ mho/m}$; $\epsilon_r = 46.6$; $\rho =$

1000 kg/m^3

Ambient Temperature : $22.6 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (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 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch149/Area Scan (61x121x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
 Maximum value of SAR (interpolated) = 1.91 mW/g

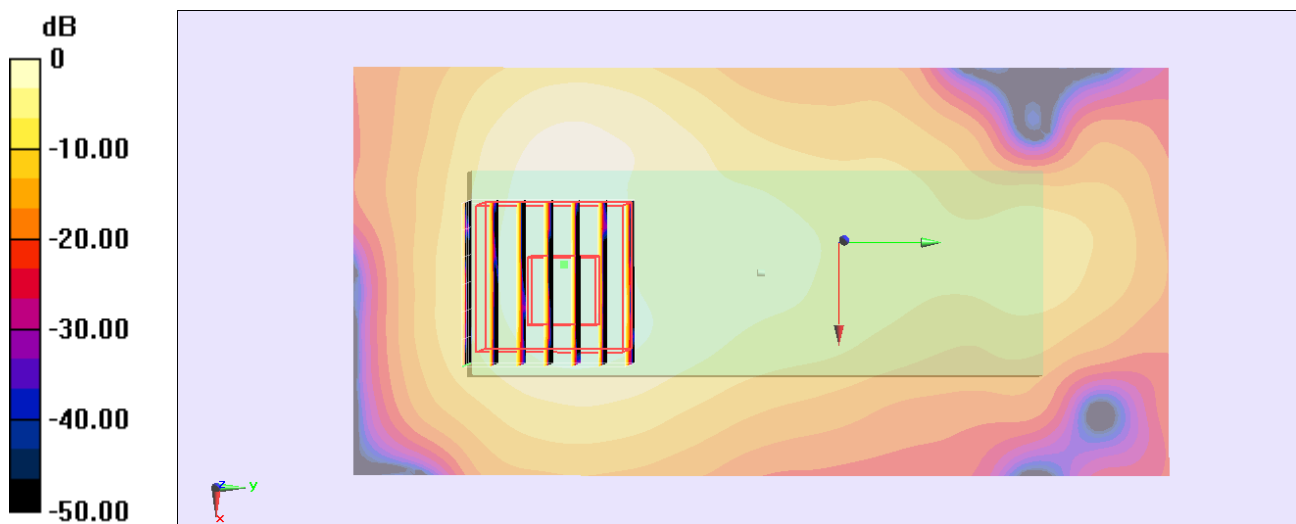
Configuration/Ch149/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$,
 $dz=1.4\text{mm}$

Reference Value = 20.683 V/m ; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 3.332 mW/g

SAR(1 g) = 0.843 mW/g ; SAR(10 g) = 0.287 mW/g

Maximum value of SAR (measured) = 2.02 mW/g



$0 \text{ dB} = 2.02 \text{ mW/g} = 6.11 \text{ dB mW/g}$

#20_WLAN5G_802.11n-HT20_Vertical Front_0.5cm_Ch149;Ant 1+2

DUT: 2N0801-01

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

Medium: MSL_5G_121205 Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 6.184 \text{ mho/m}$; $\epsilon_r = 46.6$; $\rho =$

1000 kg/m^3

Ambient Temperature : $22.6 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (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 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch149/Area Scan (61x121x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
 Maximum value of SAR (interpolated) = 2.04 mW/g

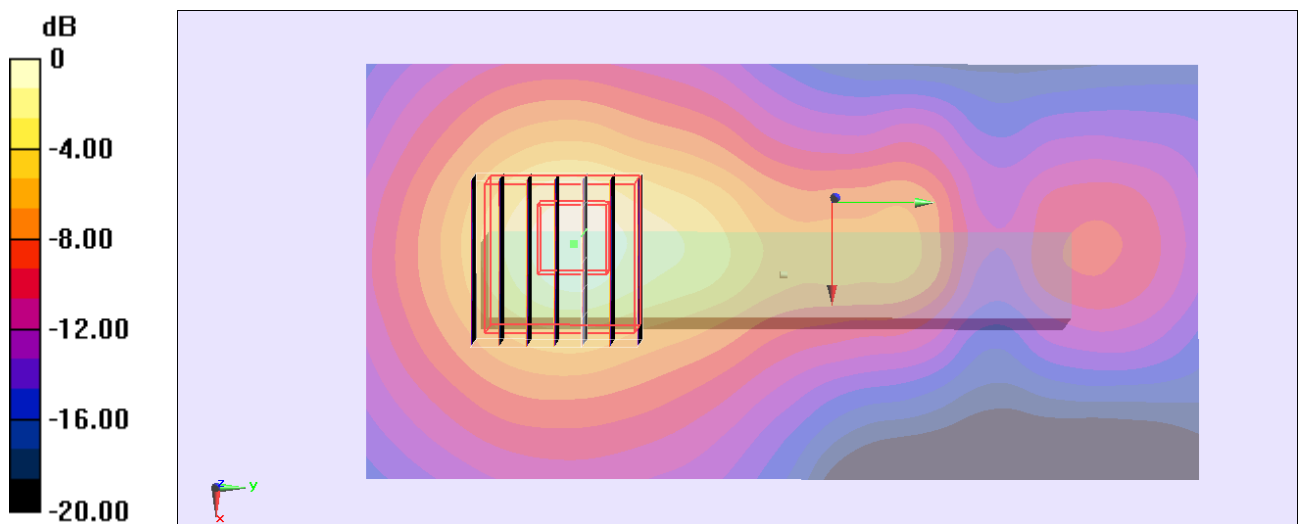
Configuration/Ch149/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$,
 $dz=1.4\text{mm}$

Reference Value = 21.862 V/m ; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 3.586 mW/g

SAR(1 g) = 0.865 mW/g ; SAR(10 g) = 0.288 mW/g

Maximum value of SAR (measured) = 2.10 mW/g



$0 \text{ dB} = 2.10 \text{ mW/g} = 6.44 \text{ dB mW/g}$

#21_WLAN5G_802.11n-HT20_Vertical Back_0.5cm_Ch149;Ant 1+2

DUT: 2N0801-01

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

Medium: MSL_5G_121205 Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 6.184 \text{ mho/m}$; $\epsilon_r = 46.6$; $\rho =$

1000 kg/m^3

Ambient Temperature : $22.6 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (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 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch149/Area Scan (61x121x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
 Maximum value of SAR (interpolated) = 2.18 mW/g

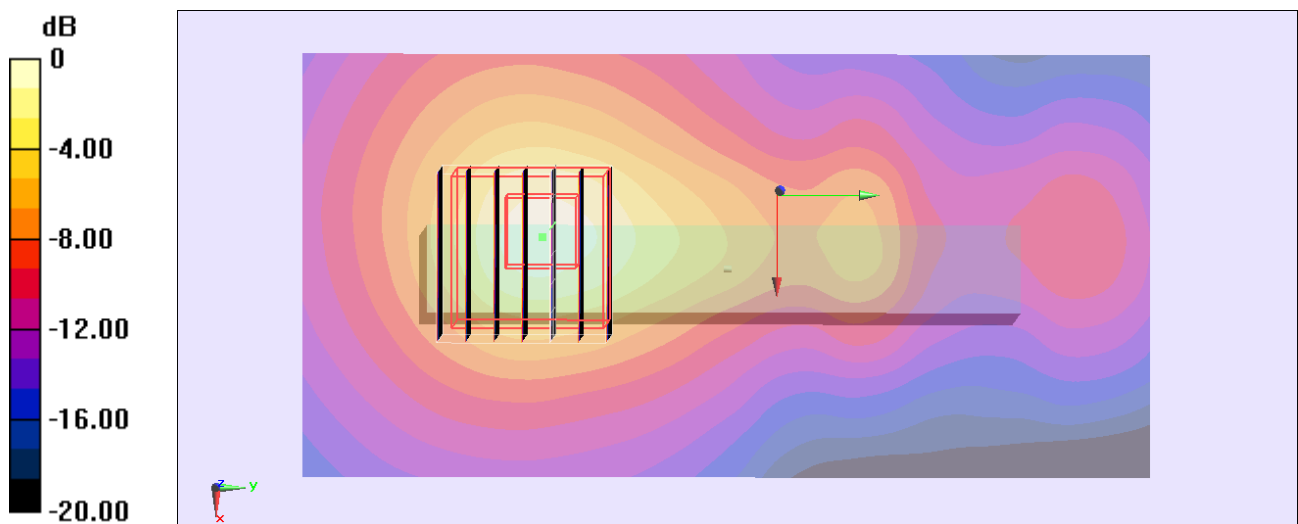
Configuration/Ch149/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$,
 $dz=1.4\text{mm}$

Reference Value = 23.388 V/m ; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 4.067 mW/g

SAR(1 g) = 0.986 mW/g ; SAR(10 g) = 0.325 mW/g

Maximum value of SAR (measured) = 2.39 mW/g



$0 \text{ dB} = 2.39 \text{ mW/g} = 7.57 \text{ dB mW/g}$

#54_WLAN5G_802.11n-HT20_Vertical Back_0.5cm_Ch149;Ant 1+2_Repeat

DUT: 2N0801-01

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

Medium: MSL_5G_121205 Medium parameters used (interpolated): $f = 5745$ MHz; $\sigma = 6.184$ mho/m; ϵ_r

$= 46.6$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (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 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch149/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 2.23 mW/g

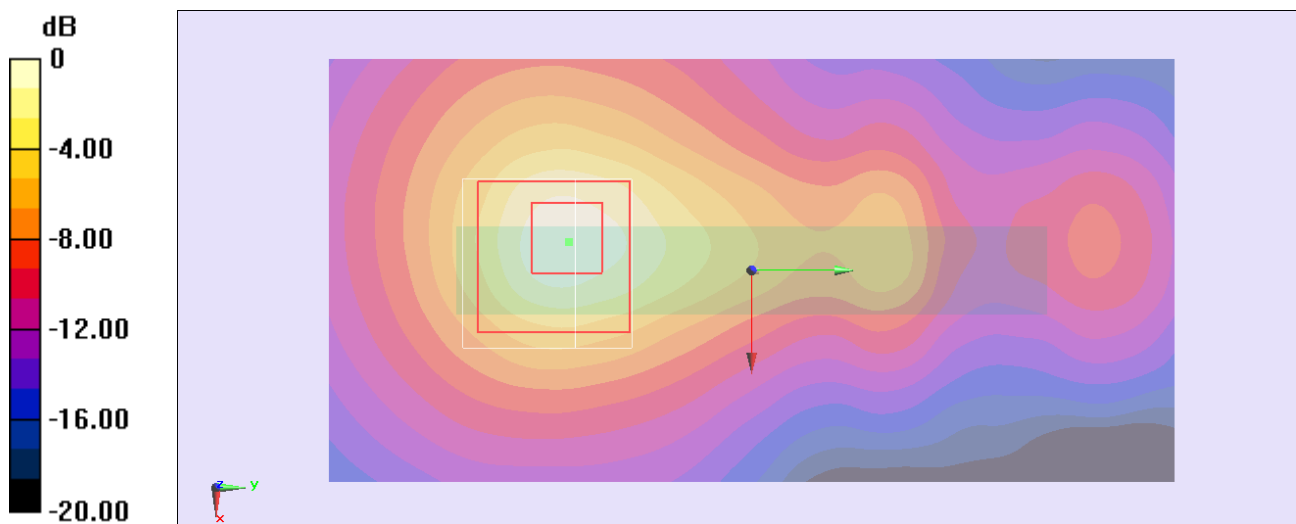
Configuration/Ch149/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm,
 dz=1.4mm

Reference Value = 23.435 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 4.001 mW/g

SAR(1 g) = 0.971 mW/g; SAR(10 g) = 0.321 mW/g

Maximum value of SAR (measured) = 2.35 mW/g



0 dB = 2.35 mW/g = 7.42 dB mW/g

#22_WLAN5G_802.11n-HT20_Tip Mode_0.5cm_Ch149;Ant 1+2

DUT: 2N0801-01

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

Medium: MSL_5G_121205 Medium parameters used: $f = 5745$ MHz; $\sigma = 6.184$ mho/m; $\epsilon_r = 46.6$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (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 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch149/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.945 mW/g

Configuration/Ch149/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 14.880 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.649 mW/g

SAR(1 g) = 0.414 mW/g; SAR(10 g) = 0.162 mW/g

Maximum value of SAR (measured) = 0.977 mW/g

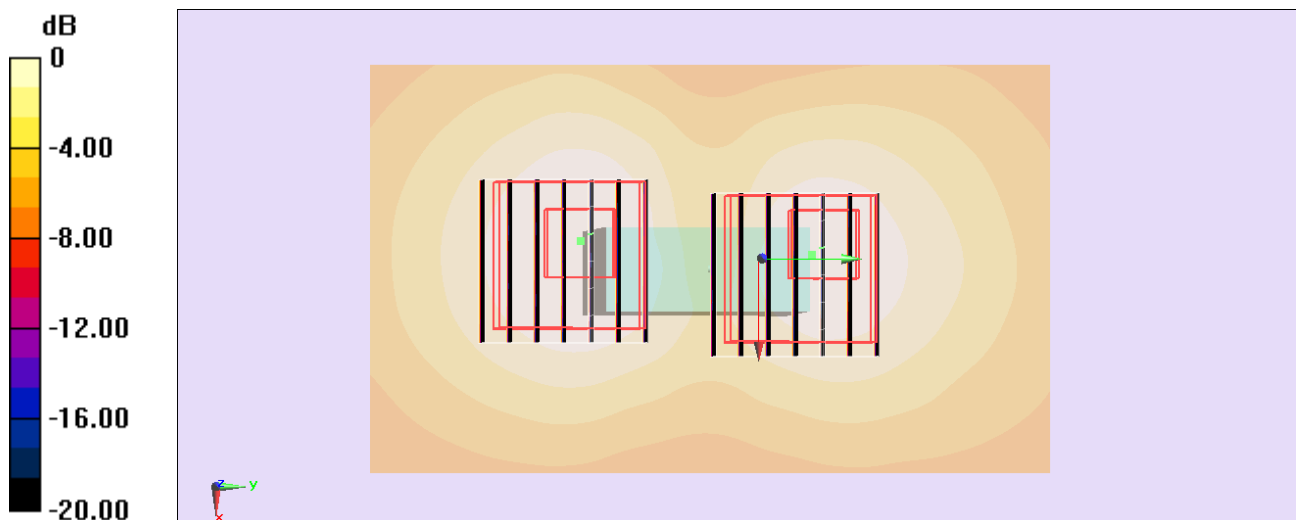
Configuration/Ch149/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 14.880 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.298 mW/g

SAR(1 g) = 0.329 mW/g; SAR(10 g) = 0.127 mW/g

Maximum value of SAR (measured) = 0.776 mW/g



0 dB = 0.776 mW/g = -2.20 dB mW/g

#30_WLAN5G_802.11n-HT20_Horizontal Up_0.5cm_Ch157;Ant 1+2

DUT: 2N0801-01

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

Medium: MSL_5G_121205 Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 6.23 \text{ mho/m}$; $\epsilon_r = 46.452$; $\rho =$

1000 kg/m^3

Ambient Temperature : $22.6 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (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 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch157/Area Scan (61x121x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
 Maximum value of SAR (interpolated) = 2.12 mW/g

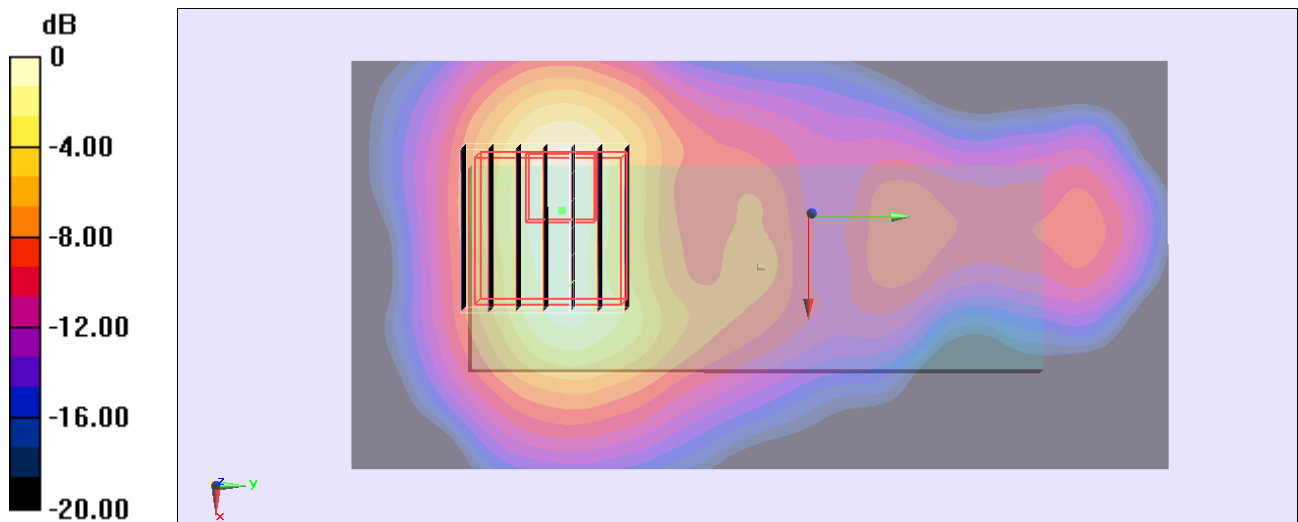
Configuration/Ch157/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$,
 $dz=1.4\text{mm}$

Reference Value = 20.899 V/m ; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 3.517 mW/g

SAR(1 g) = 0.840 mW/g ; SAR(10 g) = 0.297 mW/g

Maximum value of SAR (measured) = 2.12 mW/g



0 dB = $2.12 \text{ mW/g} = 6.53 \text{ dB mW/g}$

#31_WLAN5G_802.11n-HT20_Horizontal Up_0.5cm_Ch161;Ant 1+2

DUT: 2N0801-01

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

Medium: MSL_5G_121205 Medium parameters used: $f = 5805$ MHz; $\sigma = 6.25$ mho/m; $\epsilon_r = 46.374$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (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 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch161/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 2.07 mW/g

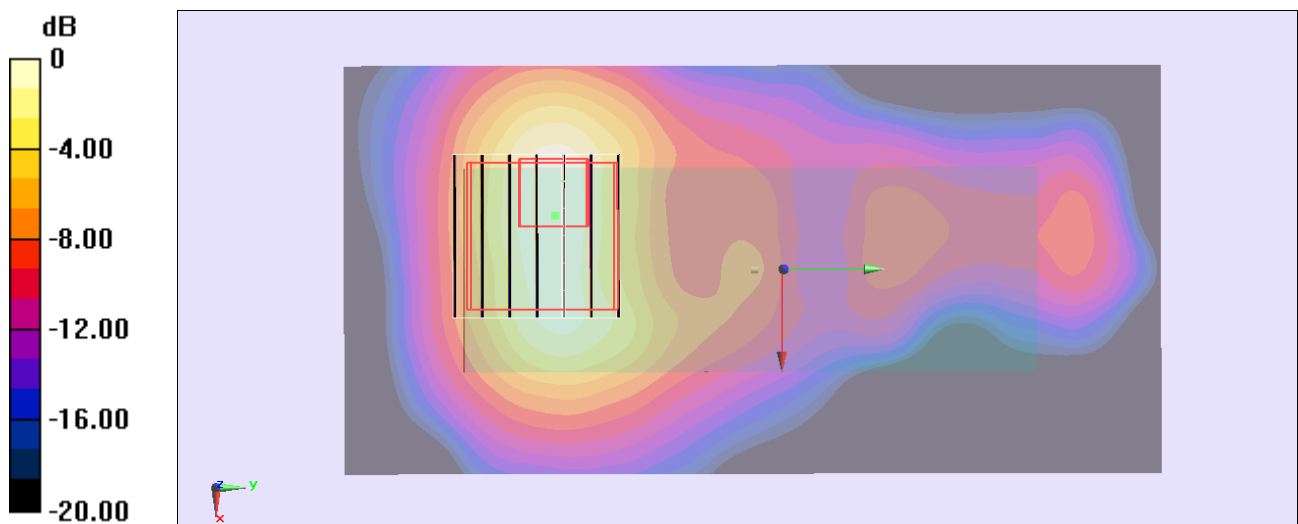
Configuration/Ch161/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 20.433 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 3.424 mW/g

SAR(1 g) = 0.805 mW/g; SAR(10 g) = 0.283 mW/g

Maximum value of SAR (measured) = 2.01 mW/g



0 dB = 2.01 mW/g = 6.06 dB mW/g

#28_WLAN5G_802.11n-HT20_Horizontal Down_0.5cm_Ch157;Ant 1+2

DUT: 2N0801-01

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

Medium: MSL_5G_121205 Medium parameters used: $f = 5785$ MHz; $\sigma = 6.23$ mho/m; $\epsilon_r = 46.452$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (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 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch157/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 1.87 mW/g

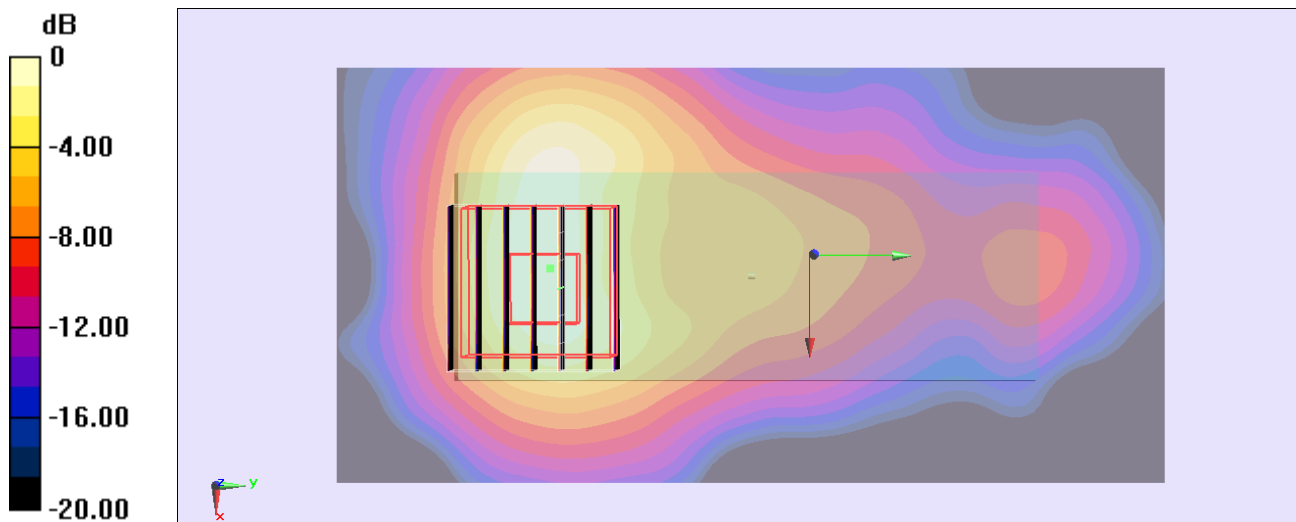
Configuration/Ch157/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 20.046 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 3.159 mW/g

SAR(1 g) = 0.787 mW/g; SAR(10 g) = 0.269 mW/g

Maximum value of SAR (measured) = 1.87 mW/g



0 dB = 1.87 mW/g = 5.44 dB mW/g

#29_WLAN5G_802.11n-HT20_Horizontal Down_0.5cm_Ch161;Ant 1+2

DUT: 2N0801-01

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

Medium: MSL_5G_121205 Medium parameters used: $f = 5805$ MHz; $\sigma = 6.25$ mho/m; $\epsilon_r = 46.374$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (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 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch161/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 1.76 mW/g

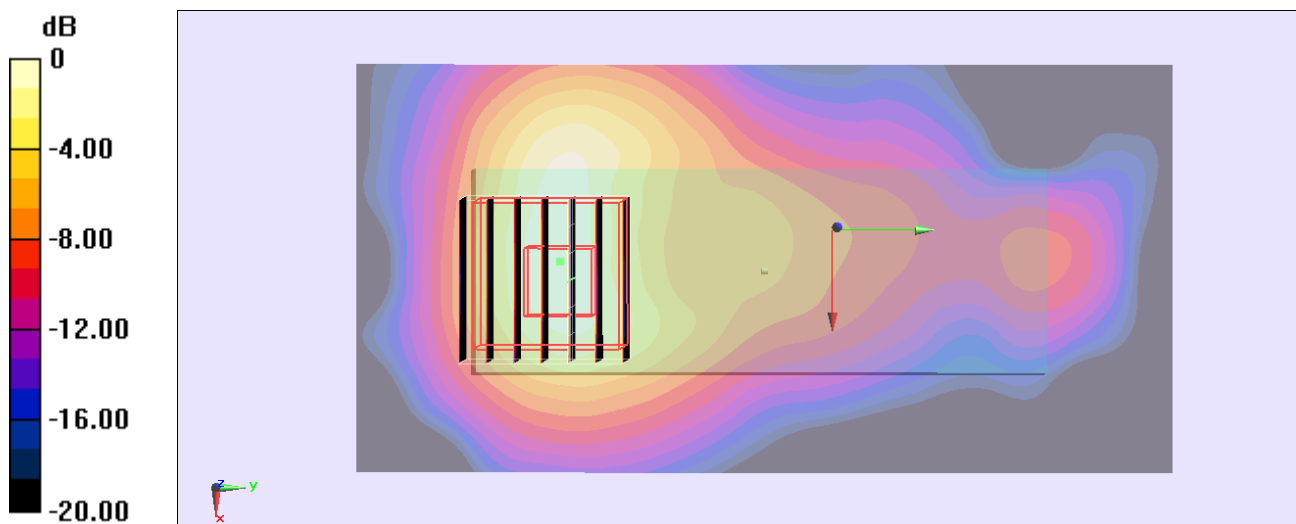
Configuration/Ch161/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 19.754 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 3.072 mW/g

SAR(1 g) = 0.757 mW/g; SAR(10 g) = 0.254 mW/g

Maximum value of SAR (measured) = 1.85 mW/g



0 dB = 1.85 mW/g = 5.34 dB mW/g

#26_WLAN5G_802.11n-HT20_Vertical Front_0.5cm_Ch157;Ant 1+2

DUT: 2N0801-01

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

Medium: MSL_5G_121205 Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 6.23 \text{ mho/m}$; $\epsilon_r = 46.452$; $\rho =$

1000 kg/m^3

Ambient Temperature : $22.6 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (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 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch157/Area Scan (61x121x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
 Maximum value of SAR (interpolated) = 1.96 mW/g

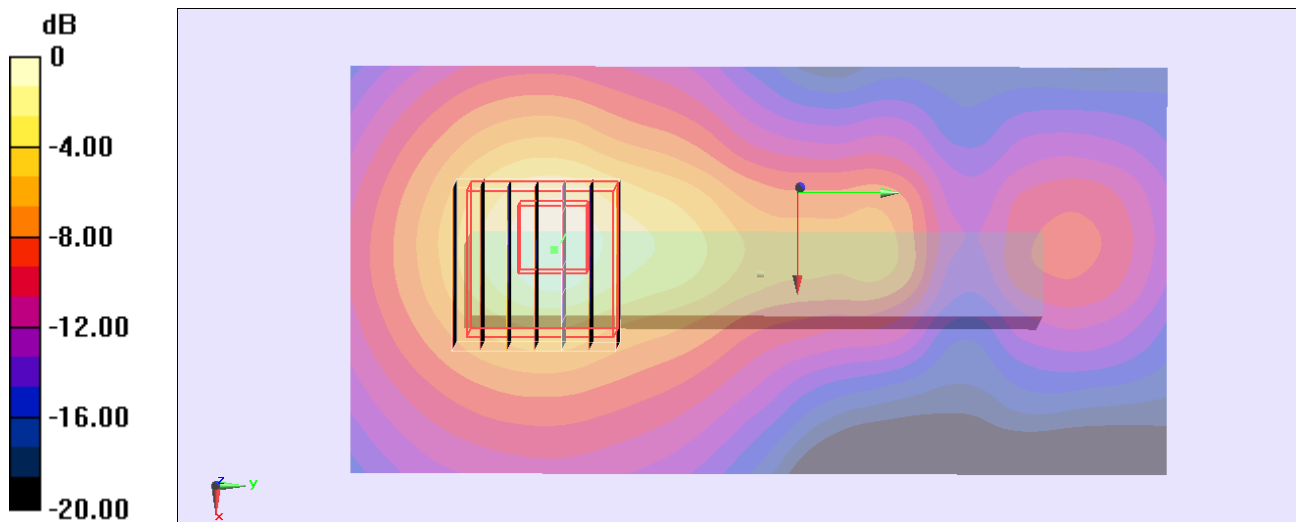
Configuration/Ch157/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$,
 $dz=1.4\text{mm}$

Reference Value = 21.135 V/m ; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 3.436 mW/g

SAR(1 g) = 0.821 mW/g ; SAR(10 g) = 0.268 mW/g

Maximum value of SAR (measured) = 1.99 mW/g



0 dB = $1.99 \text{ mW/g} = 5.98 \text{ dB mW/g}$

#27_WLAN5G_802.11n-HT20_Vertical Front_0.5cm_Ch161;Ant 1+2

DUT: 2N0801-01

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

Medium: MSL_5G_121205 Medium parameters used: $f = 5805$ MHz; $\sigma = 6.25$ mho/m; $\epsilon_r = 46.374$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (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 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch161/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 1.89 mW/g

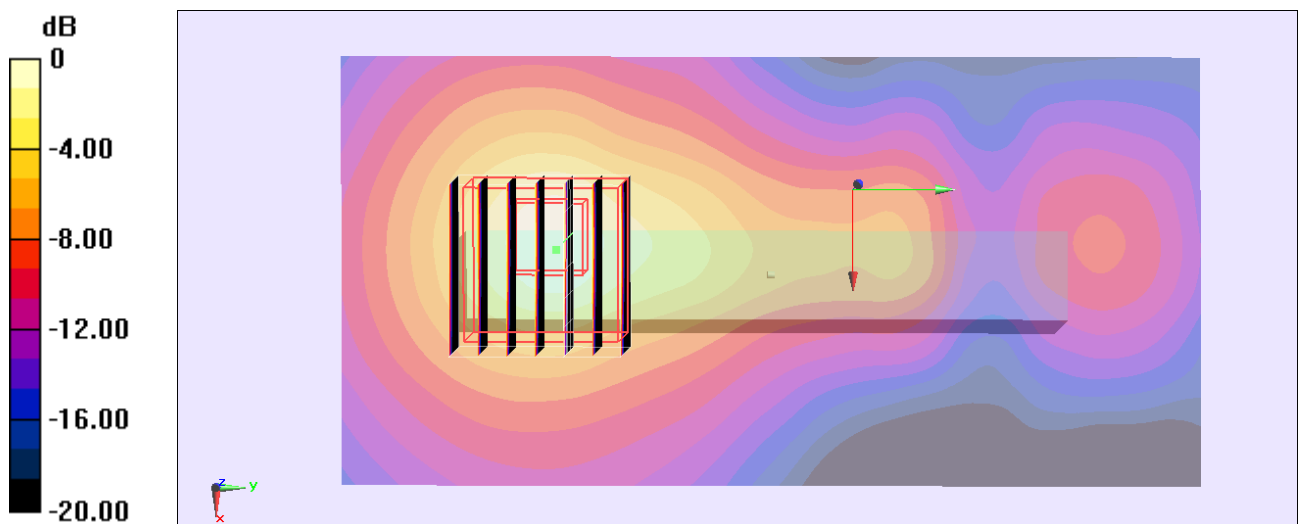
Configuration/Ch161/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 20.796 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 3.413 mW/g

SAR(1 g) = 0.799 mW/g; SAR(10 g) = 0.260 mW/g

Maximum value of SAR (measured) = 1.94 mW/g



0 dB = 1.94 mW/g = 5.76 dB mW/g

#23_WLAN5G_802.11n-HT20_Vertical Back_0.5cm_Ch157;Ant 1+2

DUT: 2N0801-01

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

Medium: MSL_5G_121205 Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 6.23 \text{ mho/m}$; $\epsilon_r = 46.452$; $\rho =$

1000 kg/m^3

Ambient Temperature : $22.6 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (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 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch157/Area Scan (61x121x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
 Maximum value of SAR (interpolated) = 2.14 mW/g

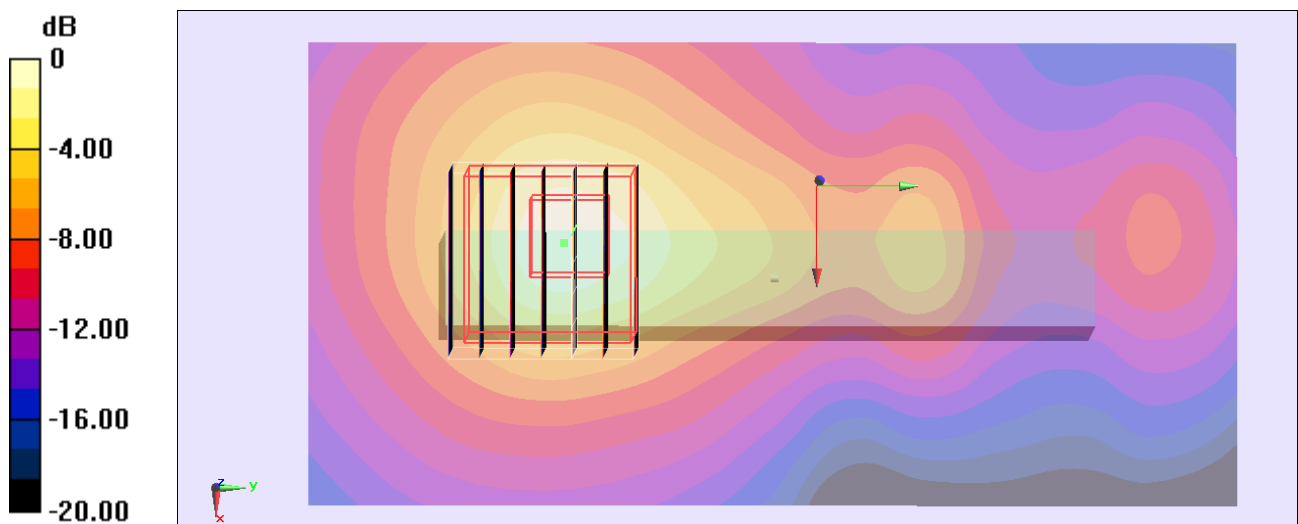
Configuration/Ch157/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$,
 $dz=1.4\text{mm}$

Reference Value = 22.232 V/m ; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 3.738 mW/g

SAR(1 g) = 0.885 mW/g ; SAR(10 g) = 0.285 mW/g

Maximum value of SAR (measured) = 2.20 mW/g



$0 \text{ dB} = 2.20 \text{ mW/g} = 6.85 \text{ dB mW/g}$

#24_WLAN5G_802.11n-HT20_Vertical Back_0.5cm_Ch161;Ant 1+2

DUT: 2N0801-01

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

Medium: MSL_5G_121205 Medium parameters used: $f = 5805$ MHz; $\sigma = 6.25$ mho/m; $\epsilon_r = 46.374$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (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 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch161/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 1.97 mW/g

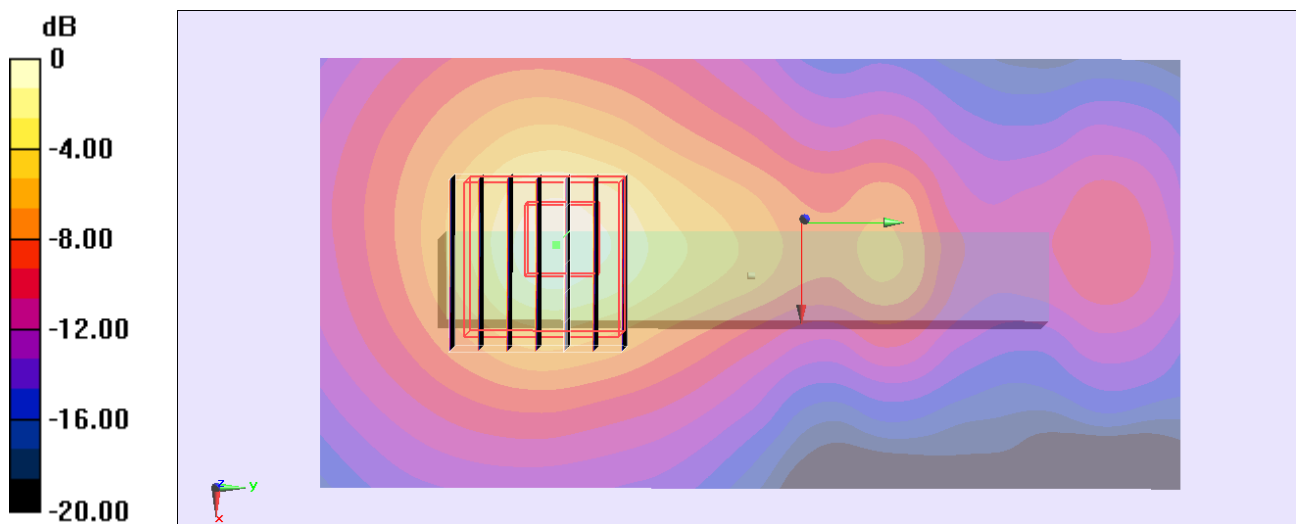
Configuration/Ch161/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm,
 dz=1.4mm

Reference Value = 21.807 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.560 mW/g

SAR(1 g) = 0.850 mW/g; SAR(10 g) = 0.275 mW/g

Maximum value of SAR (measured) = 2.09 mW/g



0 dB = 2.09 mW/g = 6.40 dB mW/g

#25_WLAN5G_802.11ac-VHT80_Verical Back_0.5cm_Ch155;Ant 1+2

DUT: 2N0801-01

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121205 Medium parameters used: $f = 5775$ MHz; $\sigma = 6.221$ mho/m; $\epsilon_r = 46.496$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (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 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch155/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 1.87 mW/g

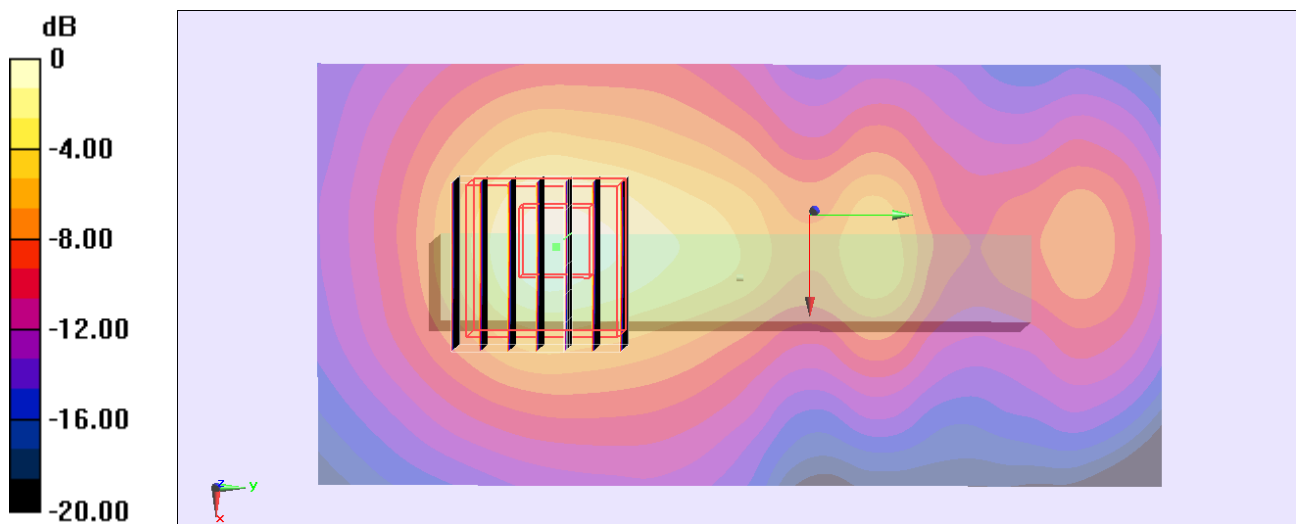
Configuration/Ch155/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 21.270 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 3.336 mW/g

SAR(1 g) = 0.810 mW/g; SAR(10 g) = 0.265 mW/g

Maximum value of SAR (measured) = 1.98 mW/g



0 dB = 1.98 mW/g = 5.93 dB mW/g