

## #01\_WLAN5GHz\_802.11a 6Mbps\_Horizontal Up\_0.5cm\_Ch64;Ant B

### DUT: 2N0801-03

Communication System: WIFI; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_130725 Medium parameters used:  $f = 5320$  MHz;  $\sigma = 5.638$  mho/m;  $\epsilon_r = 48.254$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.26, 4.26, 4.26); Calibrated: 2013/6/12;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch64/Area Scan (51x101x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 1.81 mW/g

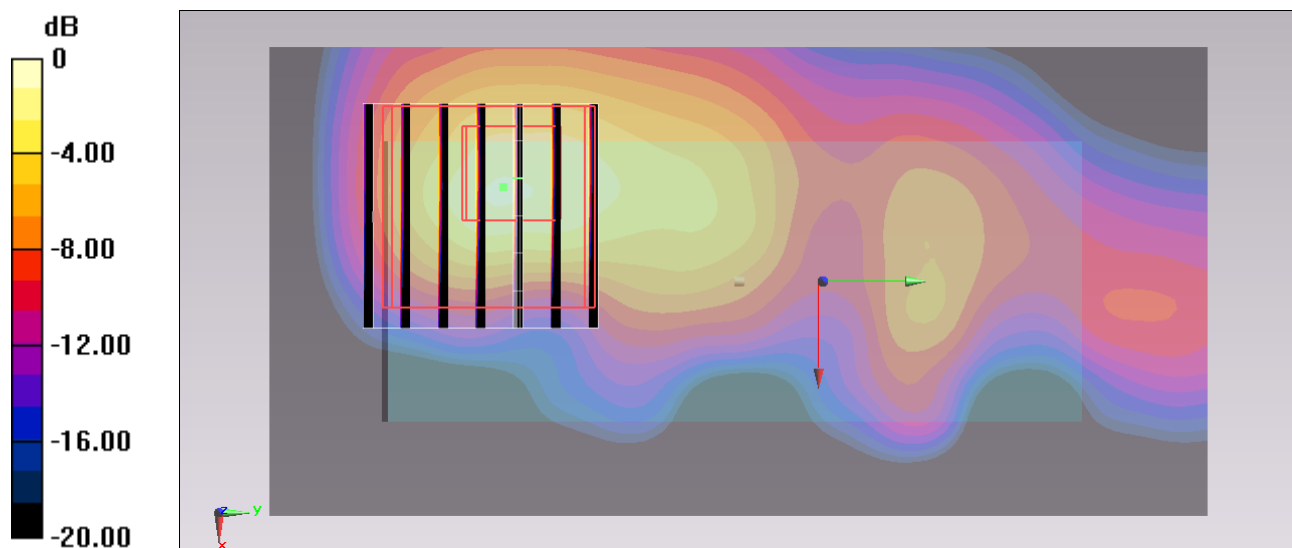
**Configuration/Ch64/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 15.069 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 2.898 mW/g

**SAR(1 g) = 0.661 mW/g; SAR(10 g) = 0.171 mW/g**

Maximum value of SAR (measured) = 1.72 mW/g



0 dB = 1.72 mW/g = 4.71 dB mW/g

## #02\_WLAN5GHz\_802.11a 6Mbps\_Horizontal Down\_0.5cm\_Ch64;Ant B

### DUT: 2N0801-03

Communication System: WIFI; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_130725 Medium parameters used:  $f = 5320$  MHz;  $\sigma = 5.638$  mho/m;  $\epsilon_r = 48.254$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.26, 4.26, 4.26); Calibrated: 2013/6/12;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch64/Area Scan (51x101x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 1.34 mW/g

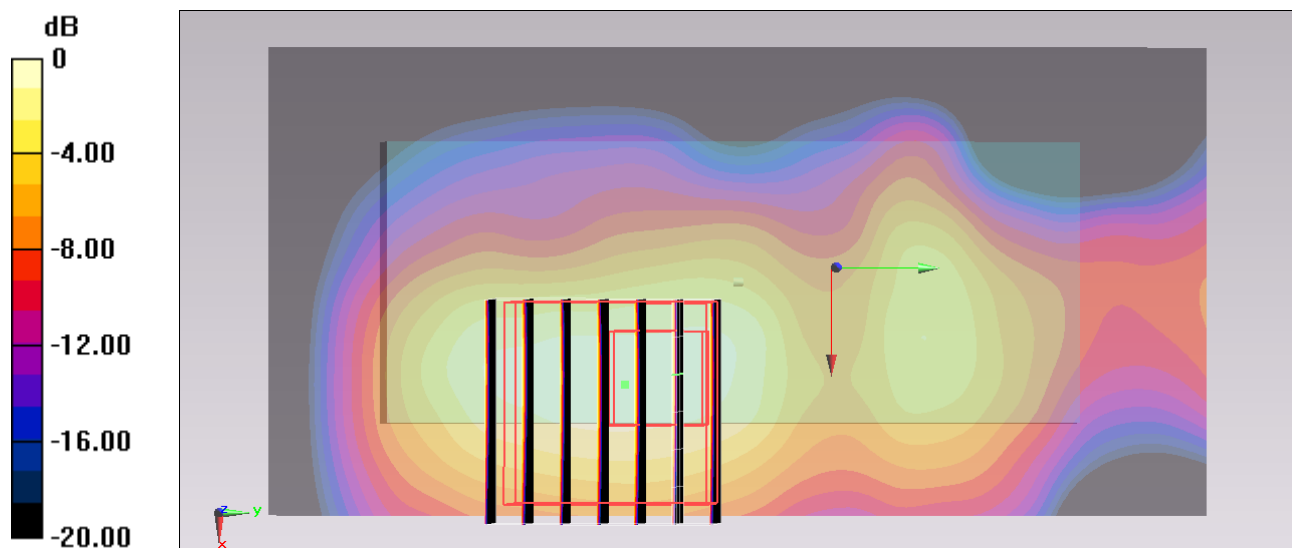
**Configuration/Ch64/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 14.673 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 2.039 mW/g

**SAR(1 g) = 0.516 mW/g; SAR(10 g) = 0.182 mW/g**

Maximum value of SAR (measured) = 1.22 mW/g



0 dB = 1.22 mW/g = 1.73 dB mW/g

### #03\_WLAN5GHz\_802.11a 6Mbps\_Vertical Front\_0.5cm\_Ch64;Ant B

#### DUT: 2N0801-03

Communication System: WIFI; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_130725 Medium parameters used:  $f = 5320$  MHz;  $\sigma = 5.638$  mho/m;  $\epsilon_r = 48.254$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.26, 4.26, 4.26); Calibrated: 2013/6/12;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch64/Area Scan (41x101x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 0.201 mW/g

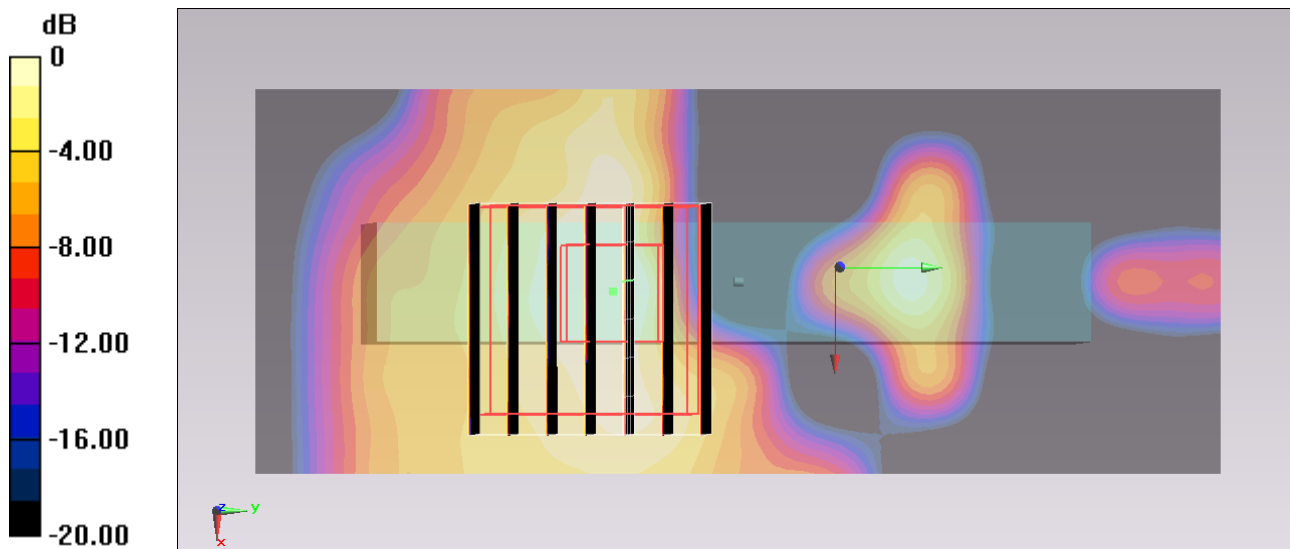
**Configuration/Ch64/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.257 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.250 mW/g

**SAR(1 g) = 0.047 mW/g; SAR(10 g) = 0.017 mW/g**

Maximum value of SAR (measured) = 0.137 mW/g



0 dB = 0.137 mW/g = -17.27 dB mW/g

### #04\_WLAN5GHz\_802.11a 6Mbps\_Vertical Back\_0.5cm\_Ch64;Ant B

**DUT: 2N0801-03**

Communication System: WIFI; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_130725 Medium parameters used:  $f = 5320$  MHz;  $\sigma = 5.638$  mho/m;  $\epsilon_r = 48.254$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.26, 4.26, 4.26); Calibrated: 2013/6/12;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch64/Area Scan (51x101x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 2.37 mW/g

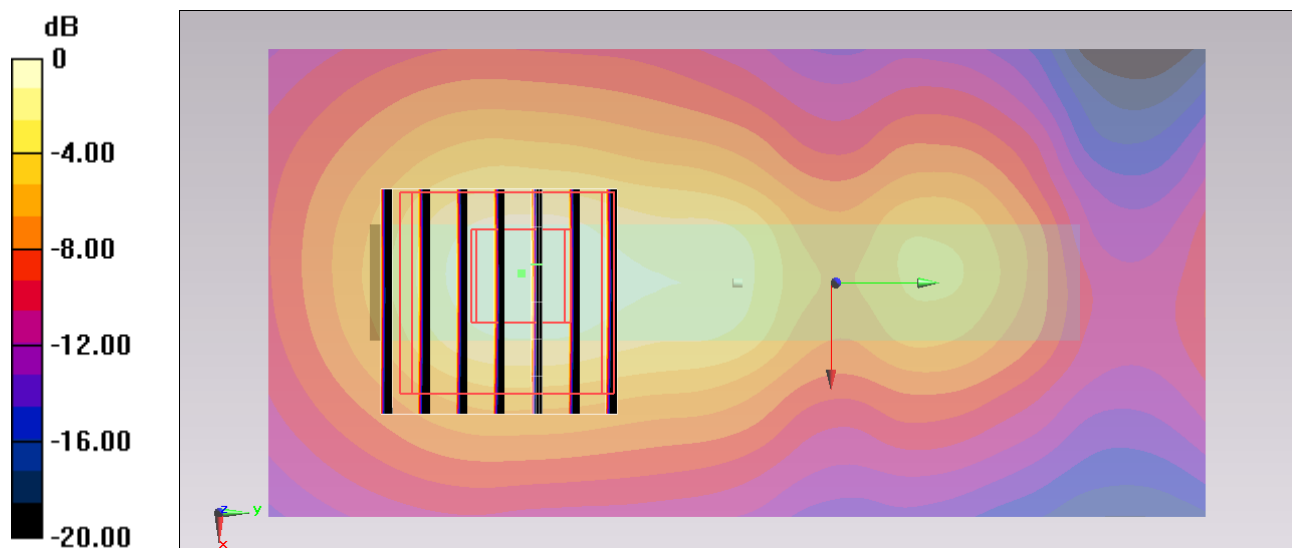
**Configuration/Ch64/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 24.080 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 3.981 mW/g

**SAR(1 g) = 0.988 mW/g; SAR(10 g) = 0.327 mW/g**

Maximum value of SAR (measured) = 2.31 mW/g



0 dB = 2.31 mW/g = 7.27 dB mW/g

### #05\_WLAN5GHz\_802.11a 6Mbps\_Tip Mode\_0.5cm\_Ch64;Ant B

**DUT: 2N0801-03**

Communication System: WIFI; Frequency: 5320 MHz;Duty Cycle: 1:1

Medium: MSL\_5G\_130725 Medium parameters used:  $f = 5320$  MHz;  $\sigma = 5.638$  mho/m;  $\epsilon_r = 48.254$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.26, 4.26, 4.26); Calibrated: 2013/6/12;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch64/Area Scan (31x51x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 0.335 mW/g

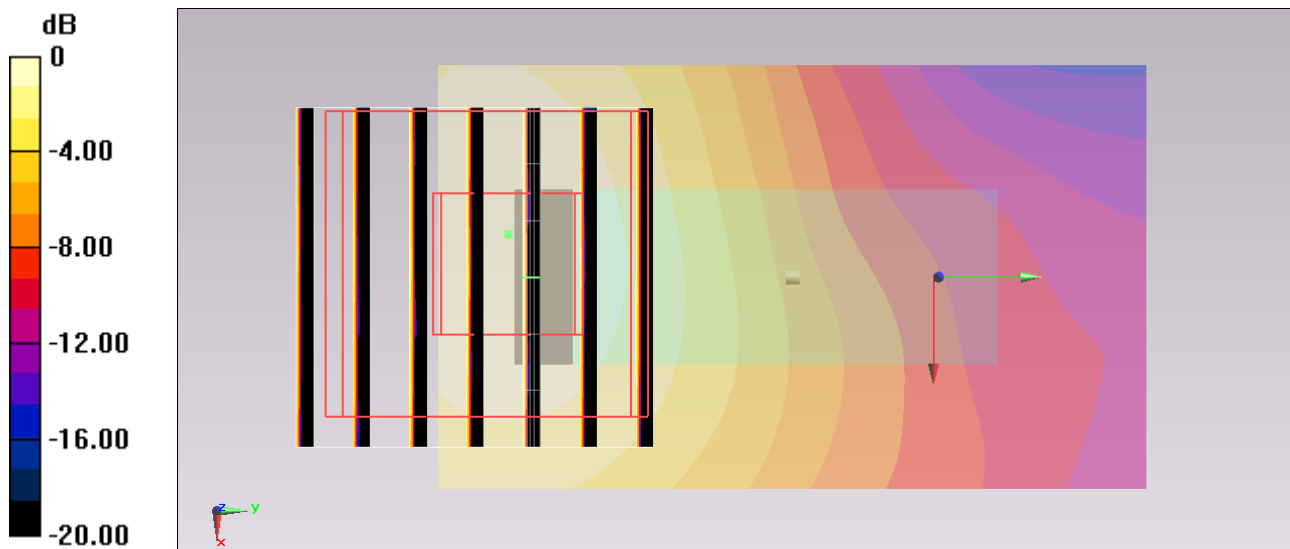
**Configuration/Ch64/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.525 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.519 mW/g

**SAR(1 g) = 0.128 mW/g; SAR(10 g) = 0.051 mW/g**

Maximum value of SAR (measured) = 0.305 mW/g



0 dB = 0.305 mW/g = -10.31 dB mW/g

### #34\_WLAN5GHz\_802.11a 6Mbps\_Vertical Back\_0.5cm\_Ch56;Ant B

**DUT: 2N0801-03**

Communication System: WIFI; Frequency: 5280 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_130725 Medium parameters used:  $f = 5280$  MHz;  $\sigma = 5.579$  mho/m;  $\epsilon_r = 48.296$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.26, 4.26, 4.26); Calibrated: 2013/6/12;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch56/Area Scan (51x101x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (interpolated) = 2.41 mW/g

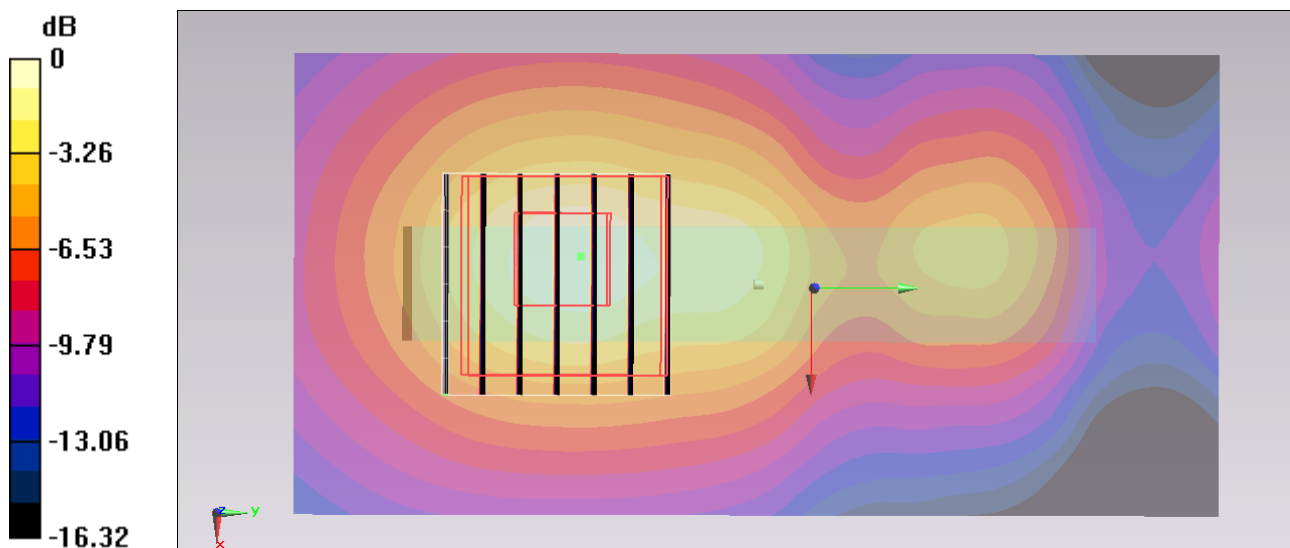
**Configuration/Ch56/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 22.331 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 4.002 mW/g

**SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.355 mW/g**

Maximum value of SAR (measured) = 2.31 mW/g



0 dB = 2.40 mW/g = 7.27 dB mW/g

### #101\_WLAN5GHz\_802.11a 6Mbps\_Vertical Back\_0.5cm\_Ch56;Ant B\_Repeat

#### DUT: 2N0801-03

Communication System: WIFI; Frequency: 5280 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_130725 Medium parameters used:  $f = 5280$  MHz;  $\sigma = 5.579$  mho/m;  $\epsilon_r = 48.296$ ;  $\rho =$

$1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

#### DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.26, 4.26, 4.26); Calibrated: 2013/6/12;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

**Configuration/Ch56/Area Scan (51x101x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (interpolated) = 2.23 mW/g

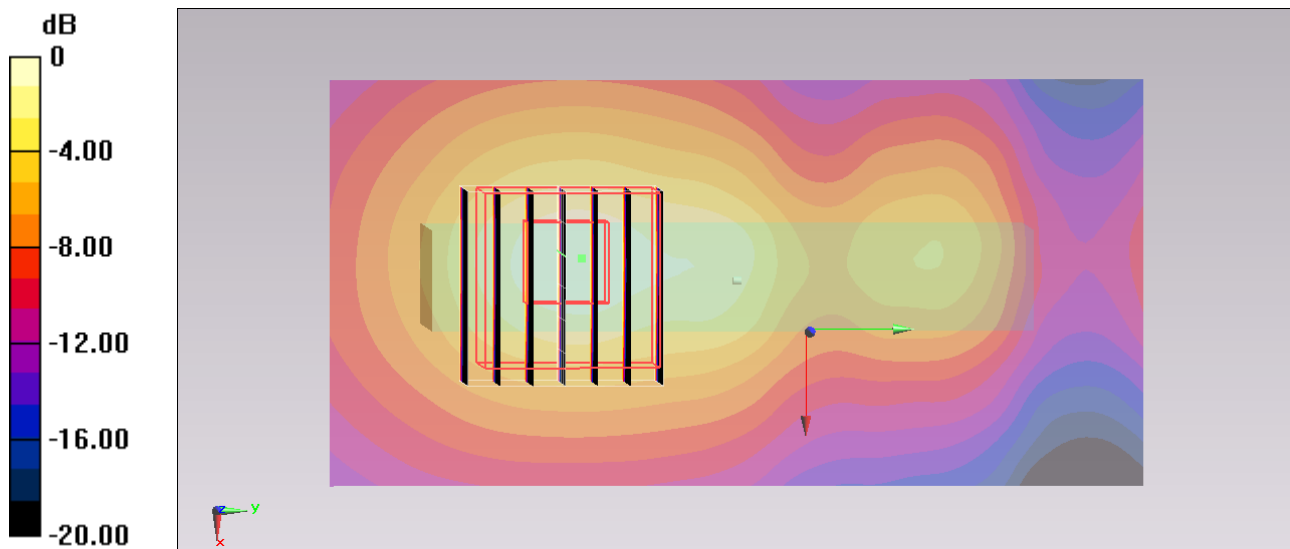
**Configuration/Ch56/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 21.197 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 3.539 mW/g

**SAR(1 g) = 0.956 mW/g; SAR(10 g) = 0.334 mW/g**

Maximum value of SAR (measured) = 2.05 mW/g



0 dB = 2.05 mW/g = 6.24 dB mW/g

**#07\_WLAN5GHz\_802.11a 6Mbps\_Horizontal Up\_0.5cm\_Ch116;Ant B**

**DUT: 2N0801-03**

Communication System: WIFI; Frequency: 5580 MHz;Duty Cycle: 1:1

Medium: MSL\_5G\_130726 Medium parameters used:  $f = 5580$  MHz;  $\sigma = 5.978$  mho/m;  $\epsilon_r = 47.893$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3925; ConvF(3.78, 3.78, 3.78); Calibrated: 2013/6/12;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch116/Area Scan (51x101x1):** Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.74 W/kg

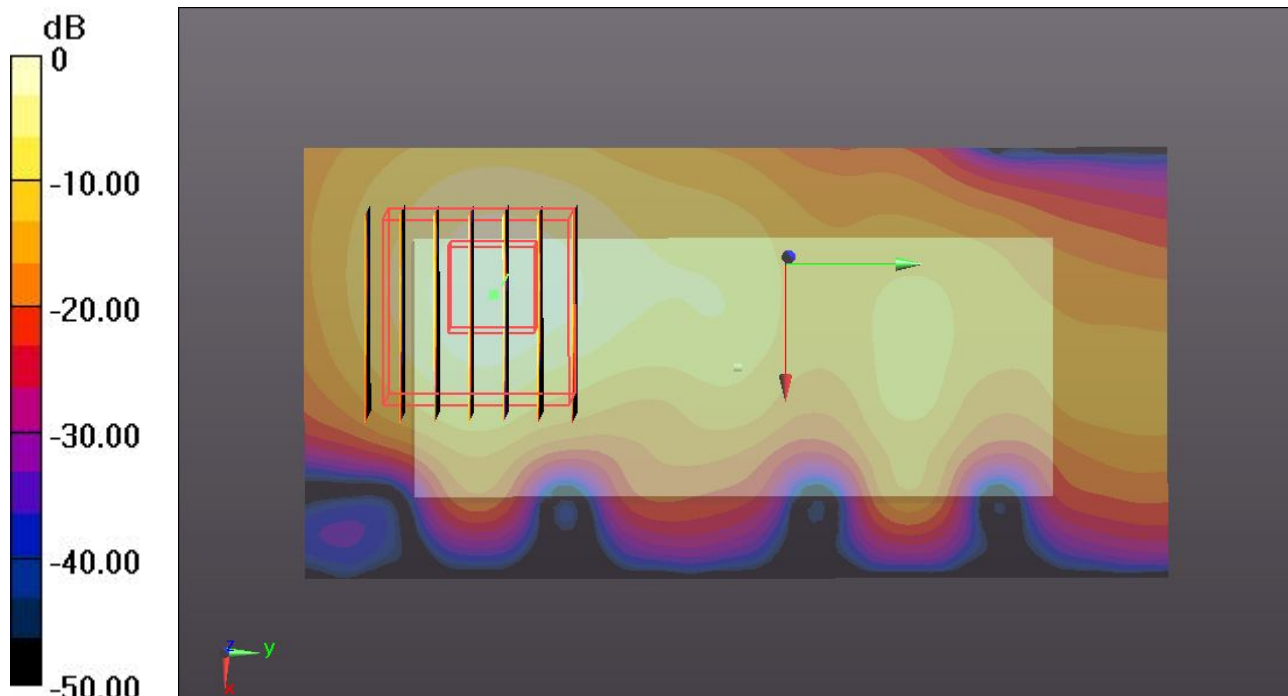
**Ch116/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 21.376 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 4.122 mW/g

**SAR(1 g) = 0.714 mW/g; SAR(10 g) = 0.192 mW/g**

Maximum value of SAR (measured) = 1.53 W/kg



0 dB = 1.53 W/kg



#08\_WLAN5GHz\_802.11a 6Mbps\_Horizontal Down\_0.5cm\_Ch116;Ant B

DUT: 2N0801-03

Communication System: WIFI; Frequency: 5580 MHz;Duty Cycle: 1:1

Medium: MSL\_5G\_130726 Medium parameters used:  $f = 5580$  MHz;  $\sigma = 5.978$  mho/m;  $\epsilon_r = 47.893$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(3.86, 3.86, 3.86); Calibrated: 2012/11/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012/11/22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch116/Area Scan (51x101x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.59 W/kg

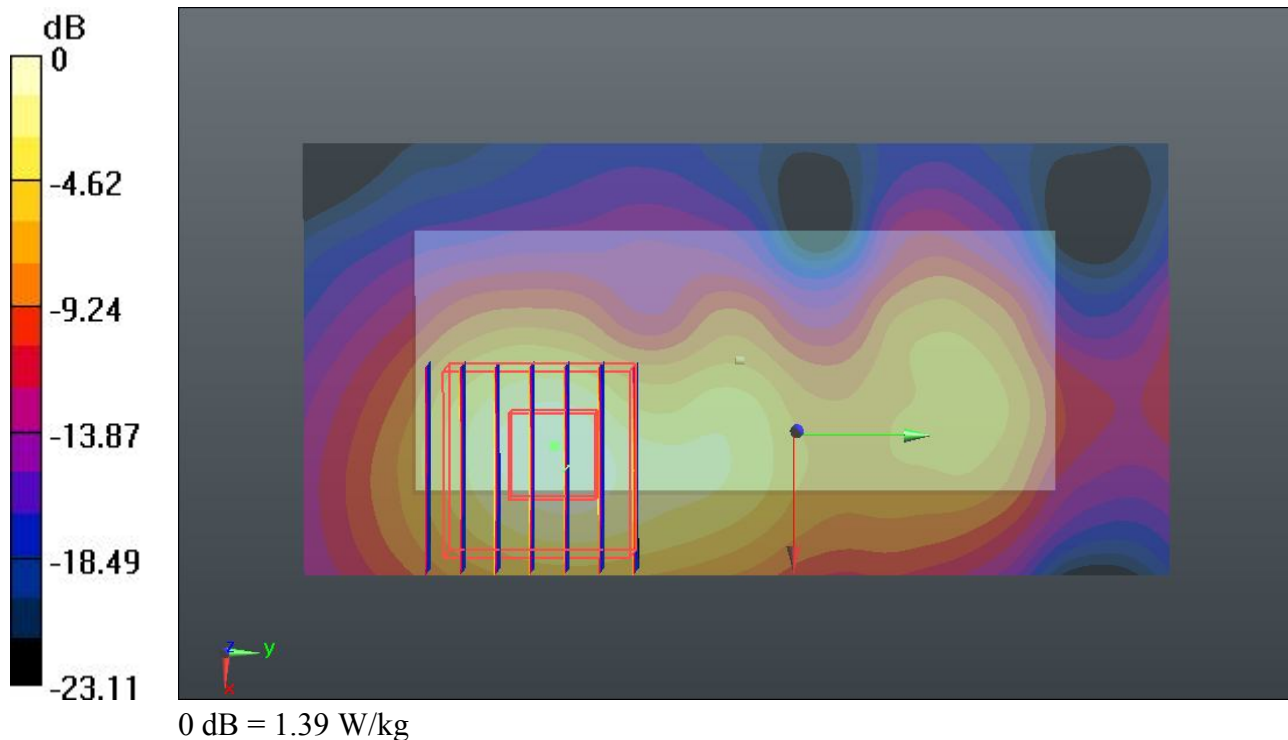
Ch116/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 18.144 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.801 mW/g

SAR(1 g) = 0.657 mW/g; SAR(10 g) = 0.174 mW/g

Maximum value of SAR (measured) = 1.39 W/kg



**#09\_WLAN5GHz\_802.11a 6Mbps\_Veritical Front\_0.5cm\_Ch116;Ant B**

**DUT: 2N0801-03**

Communication System: WIFI; Frequency: 5580 MHz;Duty Cycle: 1:1

Medium: MSL\_5G\_130726 Medium parameters used:  $f = 5580$  MHz;  $\sigma = 5.978$  mho/m;  $\epsilon_r = 47.893$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(3.86, 3.86, 3.86); Calibrated: 2012/11/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012/11/22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch116/Area Scan (51x101x1):** Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.157 W/kg

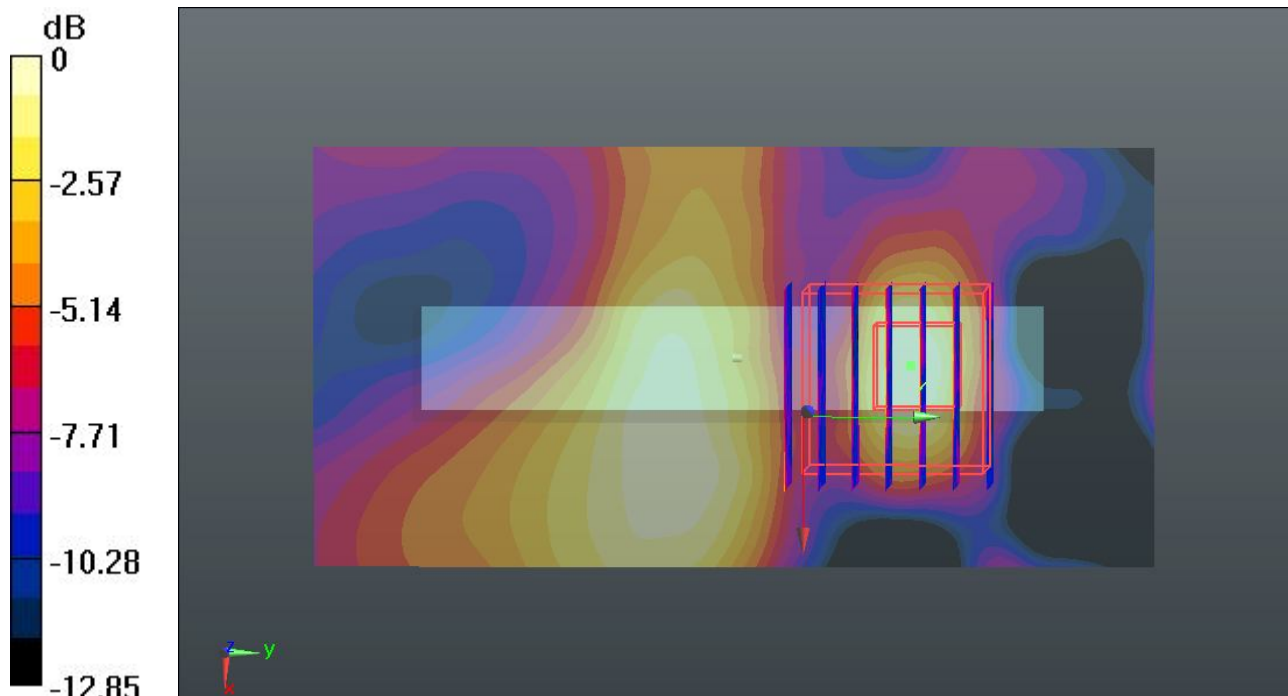
**Ch116/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.831 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.237 mW/g

**SAR(1 g) = 0.067 mW/g; SAR(10 g) = 0.026 mW/g**

Maximum value of SAR (measured) = 0.152 W/kg



0 dB = 0.152 W/kg

**#33\_WLAN5GHz\_802.11a\_6Mbps\_Vertical\_Back\_0.5cm\_Ch116;Ant B**

**DUT: 2N0801-03**

Communication System: WIFI; Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_130726 Medium parameters used:  $f = 5580$  MHz;  $\sigma = 5.978$  mho/m;  $\epsilon_r = 47.893$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3925; ConvF(3.78, 3.78, 3.78); Calibrated: 2013/6/12;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch116/Area Scan (51x101x1):** Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.51 W/kg

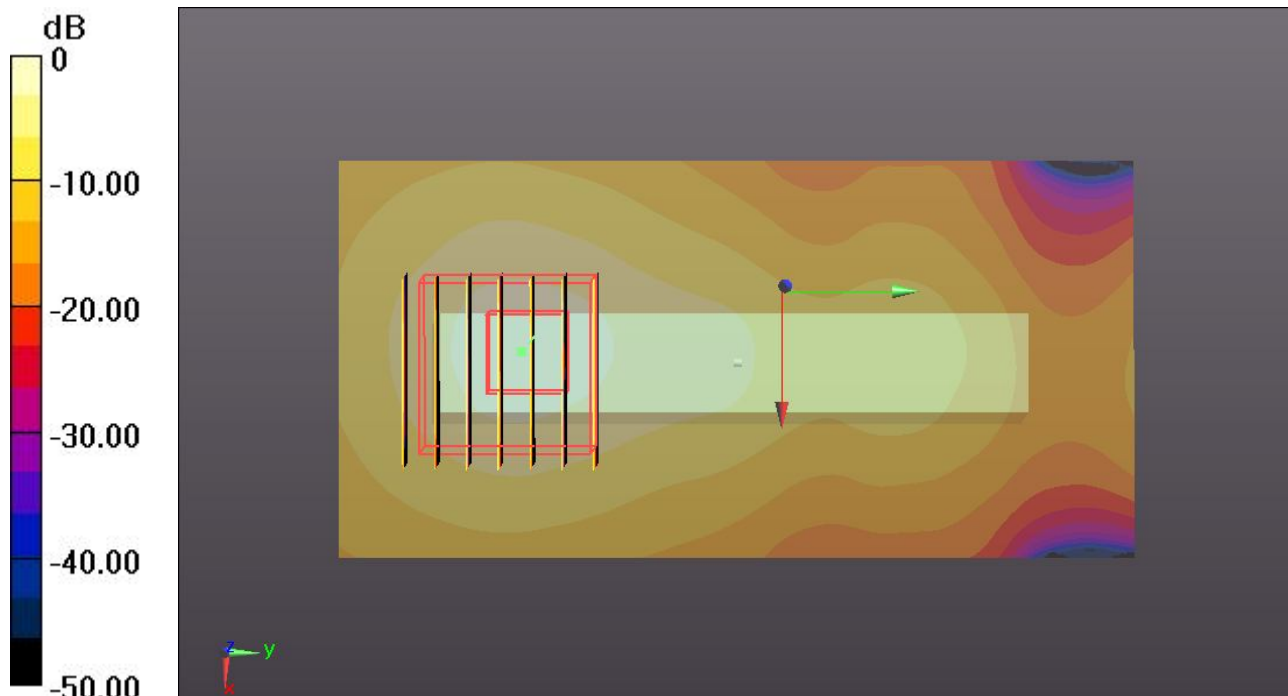
**Ch116/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 21.845 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 4.555 mW/g

**SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.352 mW/g**

Maximum value of SAR (measured) = 2.29 W/kg



0 dB = 2.29 W/kg

#15\_WLAN5GHz\_802.11a 6Mbps\_Veritical Back\_0.5cm\_Ch116;Ant B\_Repeat

DUT: 2N0801-03

Communication System: WIFI; Frequency: 5580 MHz;Duty Cycle: 1:1

Medium: MSL\_5G\_130726 Medium parameters used:  $f = 5580$  MHz;  $\sigma = 5.978$  mho/m;  $\epsilon_r = 47.893$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(3.86, 3.86, 3.86); Calibrated: 2012/11/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012/11/22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch116/Area Scan (51x101x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.41 W/kg

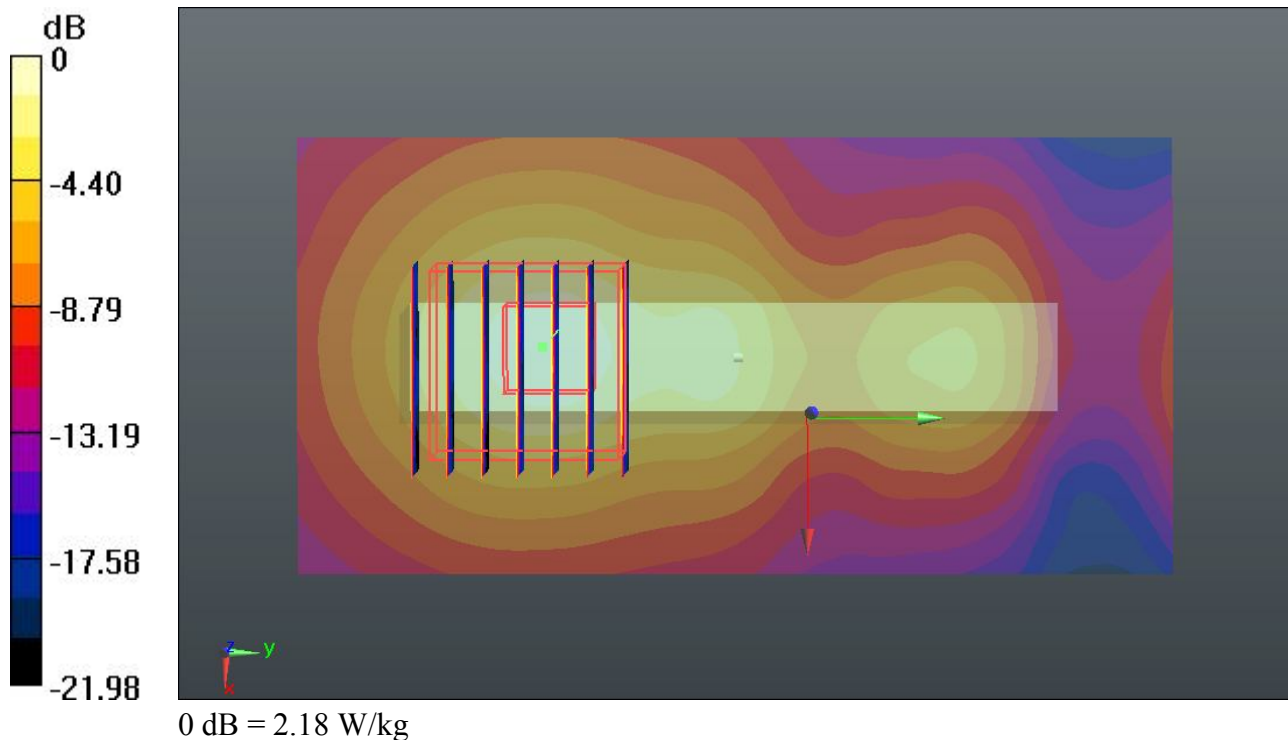
Ch116/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 20.672 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.589 mW/g

SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.336 mW/g

Maximum value of SAR (measured) = 2.18 W/kg



**#11\_WLAN5GHz\_802.11a 6Mbps\_Tip Mode\_0.5cm\_Ch116;Ant B**

**DUT: 2N0801-03**

Communication System: WIFI; Frequency: 5580 MHz;Duty Cycle: 1:1

Medium: MSL\_5G\_130726 Medium parameters used:  $f = 5580$  MHz;  $\sigma = 5.978$  mho/m;  $\epsilon_r = 47.893$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(3.86, 3.86, 3.86); Calibrated: 2012/11/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012/11/22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch116/Area Scan (41x61x1):** Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.584 W/kg

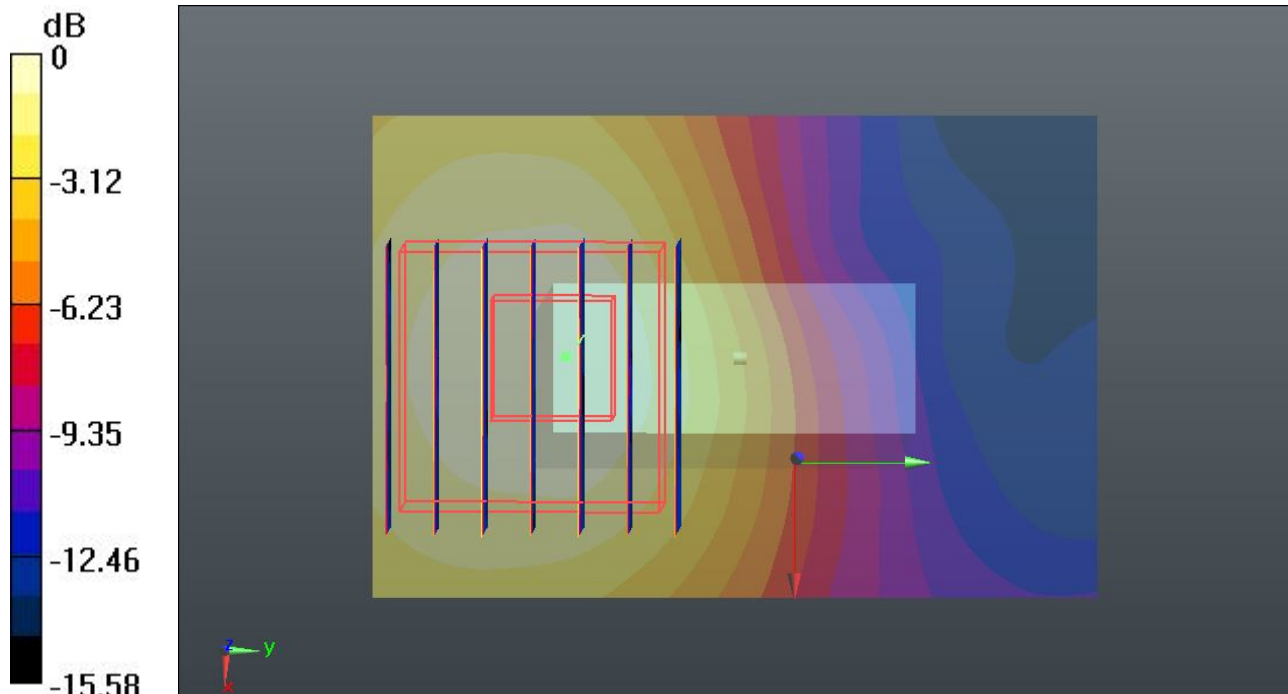
**Ch116/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.306 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.907 mW/g

**SAR(1 g) = 0.201 mW/g; SAR(10 g) = 0.091 mW/g**

Maximum value of SAR (measured) = 0.560 W/kg



0 dB = 0.560 W/kg

#12\_WLAN5GHz\_802.11a\_6Mbps\_Vertical\_Back\_0.5cm\_Ch104;Ant B

DUT: 2N0801-03

Communication System: WIFI; Frequency: 5520 MHz;Duty Cycle: 1:1

Medium: MSL\_5G\_130726 Medium parameters used:  $f = 5520$  MHz;  $\sigma = 5.897$  mho/m;  $\epsilon_r = 47.957$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(3.98, 3.98, 3.98); Calibrated: 2013/6/12;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.6 (6824)

Ch104/Area Scan (51x101x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.32 W/kg

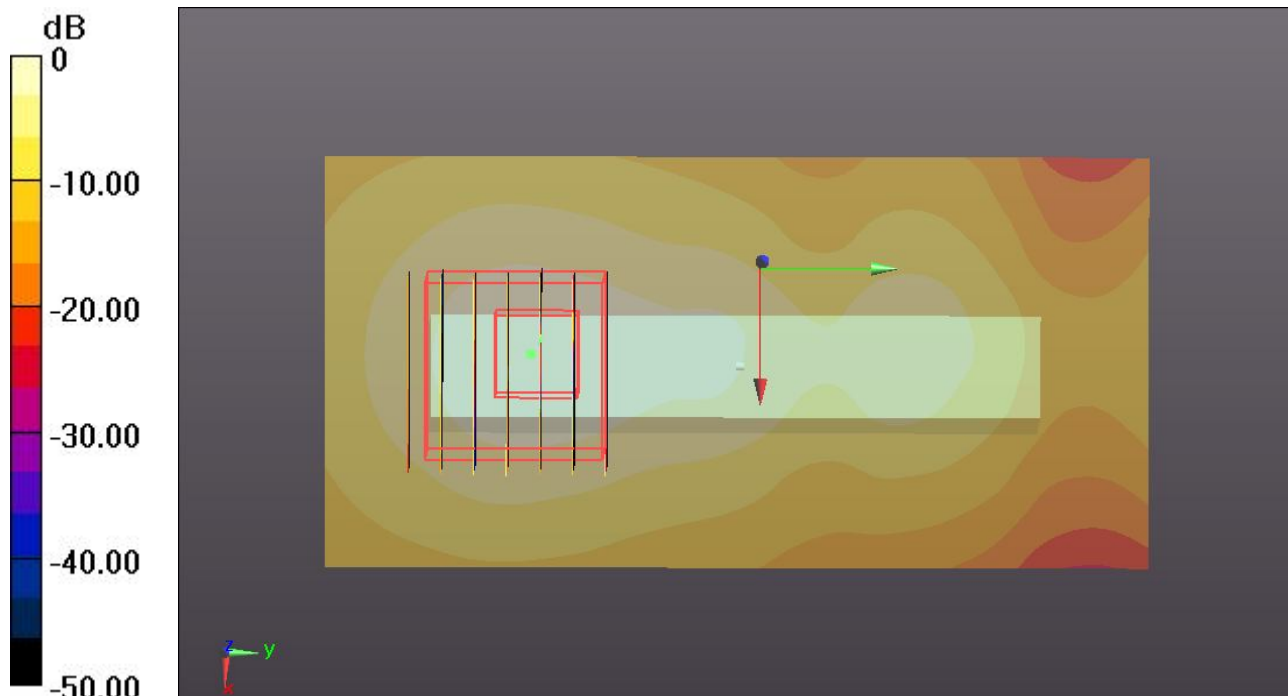
Ch104/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 24.123 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 4.295 mW/g

SAR(1 g) = 0.922 mW/g; SAR(10 g) = 0.318 mW/g

Maximum value of SAR (measured) = 2.20 W/kg



0 dB = 2.20 W/kg

**#14\_WLAN5GHz\_802.11a\_6Mbps\_Vertical\_Back\_0.5cm\_Ch132;Ant B**

**DUT: 2N0801-03**

Communication System: WIFI; Frequency: 5660 MHz;Duty Cycle: 1:1

Medium: MSL\_5G\_130726 Medium parameters used:  $f = 5660$  MHz;  $\sigma = 6.045$  mho/m;  $\epsilon_r = 47.723$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3925; ConvF(3.78, 3.78, 3.78); Calibrated: 2013/6/12;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- Phantom: ELI 4.0\_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.6 (6824)

**Ch132/Area Scan (51x101x1):** Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.42 W/kg

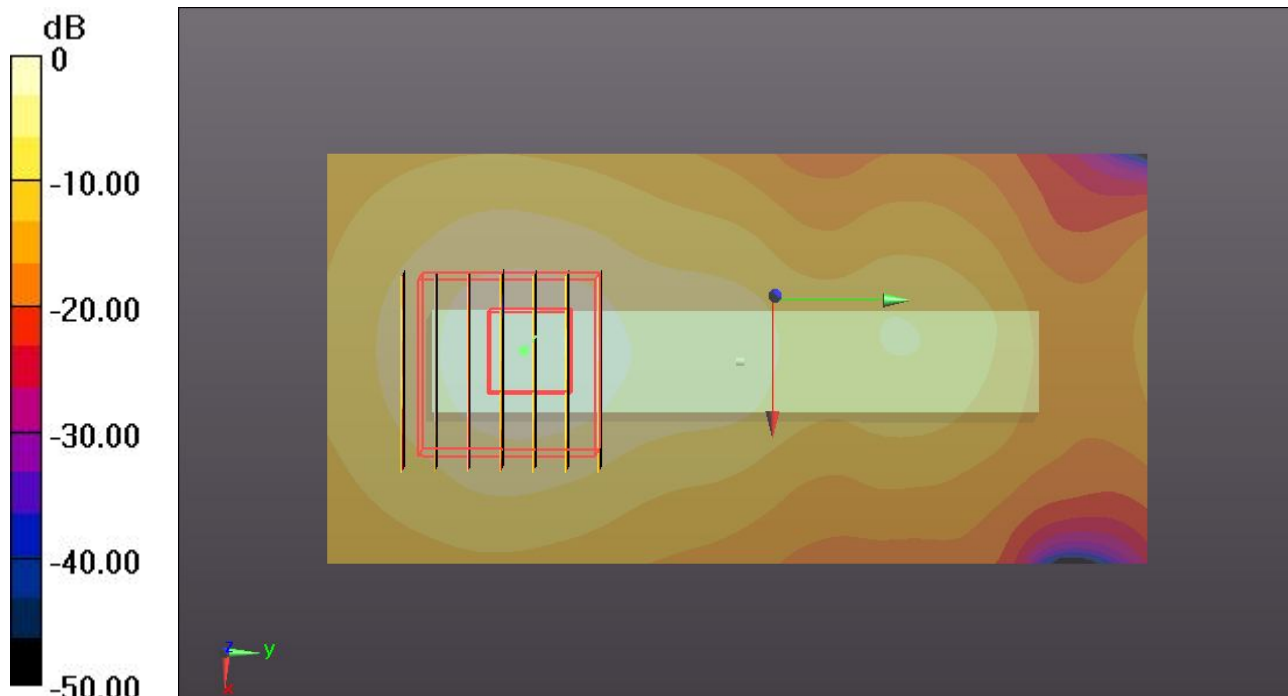
**Ch132/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 23.001 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 4.179 mW/g

**SAR(1 g) = 0.986 mW/g; SAR(10 g) = 0.333 mW/g**

Maximum value of SAR (measured) = 2.23 W/kg



0 dB = 2.23 W/kg

#16\_WLAN5GHz\_802.11n-HT20 MCS8\_Horizontal Up\_0.5cm\_Ch52;Ant A+B

DUT: 2N0801-03

Communication System: WIFI; Frequency: 5260 MHz;Duty Cycle: 1:1

Medium: MSL\_5G\_130725 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 5.543$  mho/m;  $\epsilon_r = 48.316$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.31, 4.31, 4.31); Calibrated: 2012/11/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012/11/22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch52/Area Scan (51x101x1):** Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.31 W/kg

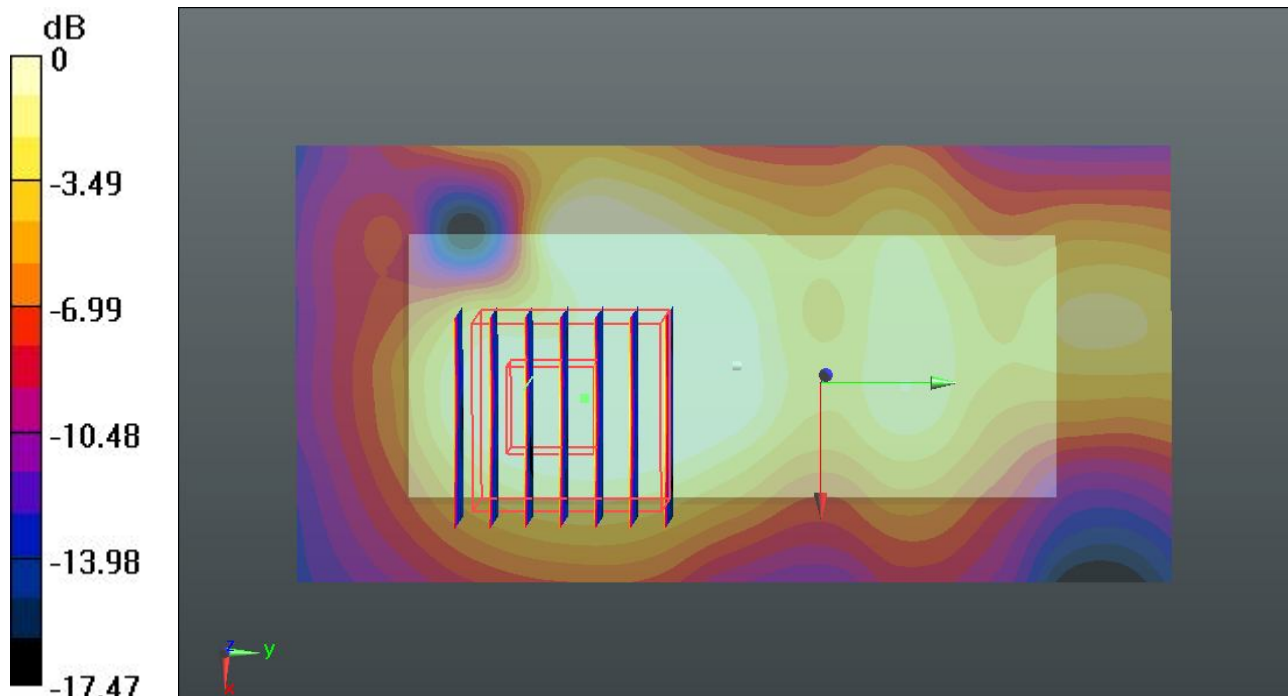
**Ch52/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 14.819 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.456 mW/g

**SAR(1 g) = 0.584 mW/g; SAR(10 g) = 0.182 mW/g**

Maximum value of SAR (measured) = 0.903 W/kg



0 dB = 0.903 W/kg



#17\_WLAN5GHz\_802.11n-HT20 MCS8\_Horizontal Down\_0.5cm\_Ch52;Ant A+B

DUT: 2N0801-03

Communication System: WIFI; Frequency: 5260 MHz;Duty Cycle: 1:1

Medium: MSL\_5G\_130725 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 5.543$  mho/m;  $\epsilon_r = 48.316$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.31, 4.31, 4.31); Calibrated: 2012/11/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012/11/22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch52/Area Scan (51x101x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.219 W/kg

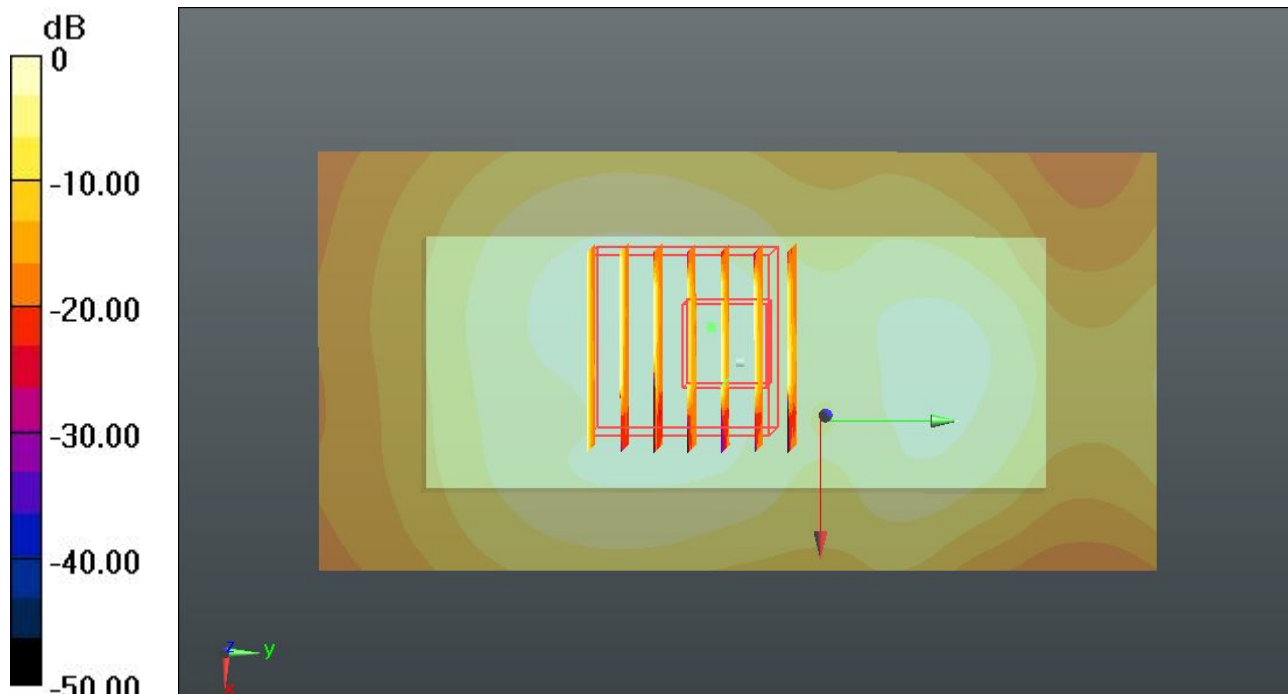
Ch52/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 13.008 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 4.853 mW/g

SAR(1 g) = 0.557 mW/g; SAR(10 g) = 0.171 mW/g

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



0 dB = 1.15 W/kg

#31\_WLAN5GHz\_802.11n-HT20 MCS8\_Verical Front\_0.5cm\_Ch52;Ant A+B

DUT: 2N0801-03

Communication System: WIFI; Frequency: 5260 MHz;Duty Cycle: 1:1

Medium: MSL\_5G\_130725 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 5.543$  mho/m;  $\epsilon_r = 48.316$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.31, 4.31, 4.31); Calibrated: 2012/11/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012/11/22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch52/Area Scan (51x101x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.48 W/kg

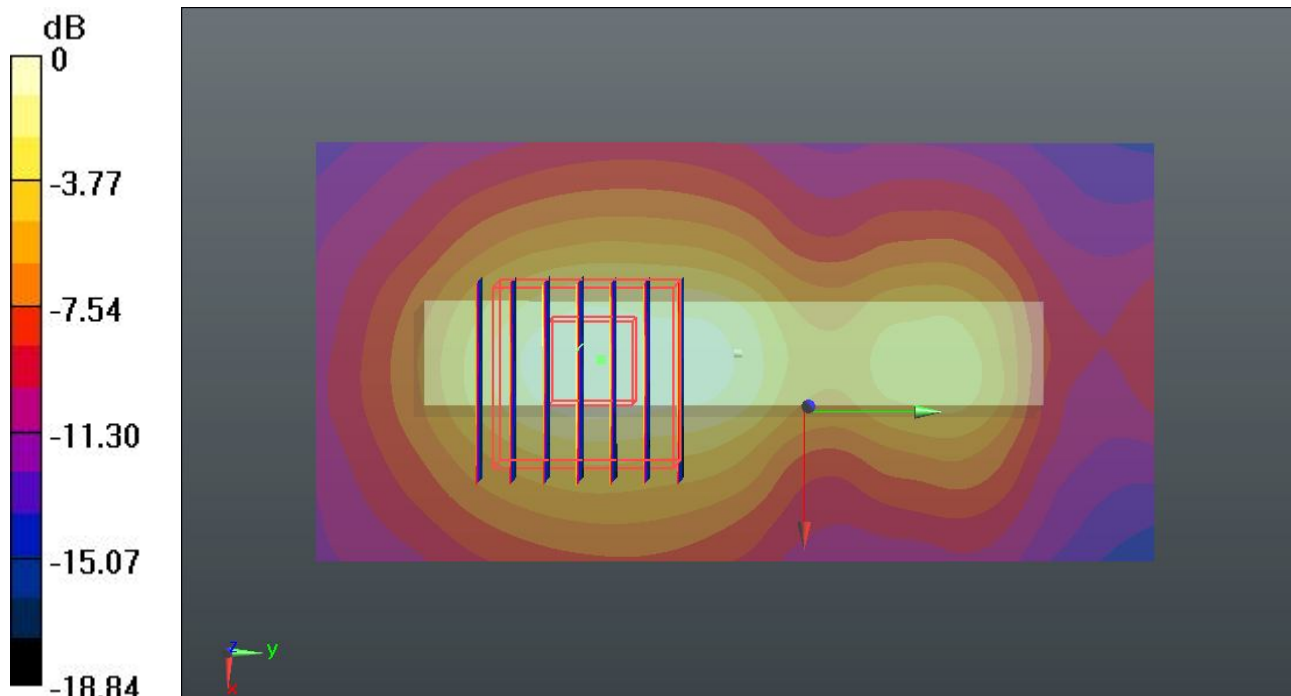
Ch52/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 22.324 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 2.201 mW/g

SAR(1 g) = 0.996 mW/g; SAR(10 g) = 0.312 mW/g

Maximum value of SAR (measured) = 2.26 W/kg



0 dB = 2.26 W/kg

#19\_WLAN5GHz\_802.11n-HT20 MCS8\_Verical Back\_0.5cm\_Ch52;Ant A+B

DUT: 2N0801-03

Communication System: WIFI; Frequency: 5260 MHz;Duty Cycle: 1:1

Medium: MSL\_5G\_130725 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 5.543$  mho/m;  $\epsilon_r = 48.316$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.31, 4.31, 4.31); Calibrated: 2012/11/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012/11/22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch52/Area Scan (51x101x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.89 W/kg

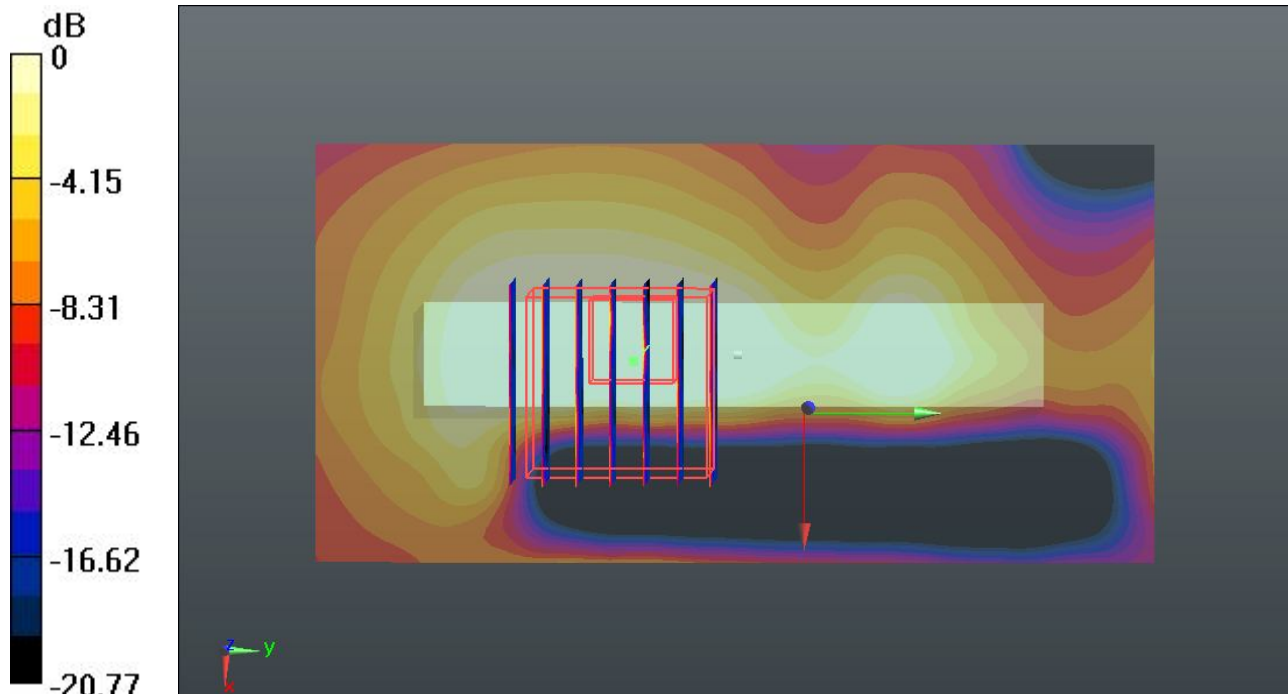
Ch52/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.660 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.037 mW/g

SAR(1 g) = 0.244 mW/g; SAR(10 g) = 0.099 mW/g

Maximum value of SAR (measured) = 0.794 W/kg



0 dB = 0.794 W/kg

#20\_WLAN5GHz\_802.11n-HT20 MCS8\_Tip Mode\_0.5cm\_Ch52;Ant A+B

DUT: 2N0801-03

Communication System: WIFI; Frequency: 5260 MHz;Duty Cycle: 1:1

Medium: MSL\_5G\_130725 Medium parameters used:  $f = 5260$  MHz;  $\sigma = 5.543$  mho/m;  $\epsilon_r = 48.316$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.31, 4.31, 4.31); Calibrated: 2012/11/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012/11/22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch52/Area Scan (41x61x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.336 W/kg

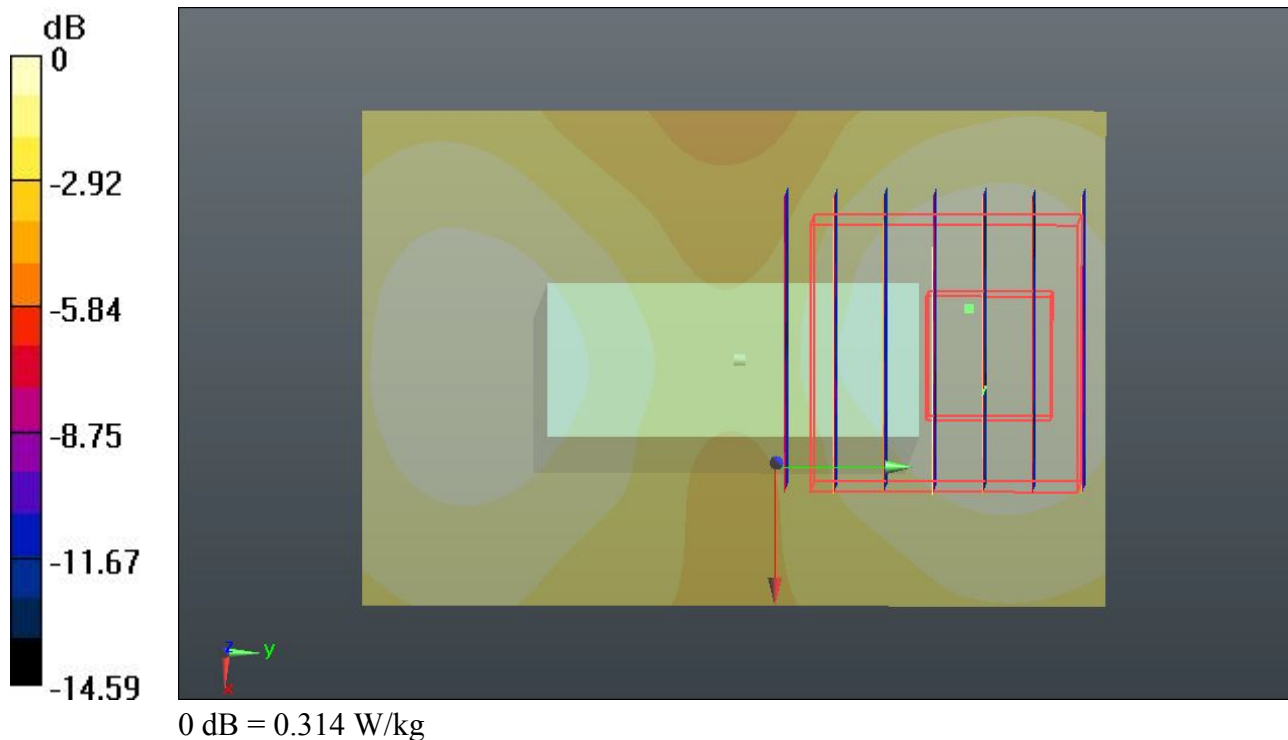
Ch52/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.806 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.502 mW/g

SAR(1 g) = 0.213 mW/g; SAR(10 g) = 0.081 mW/g

Maximum value of SAR (measured) = 0.314 W/kg



#32\_WLAN5GHz\_802.11n-HT20 MCS8\_Verical Front\_0.5cm\_Ch64;Ant A+B

DUT: 2N0801-03

Communication System: WIFI; Frequency: 5320 MHz;Duty Cycle: 1:1

Medium: MSL\_5G\_130725 Medium parameters used:  $f = 5320$  MHz;  $\sigma = 5.638$  mho/m;  $\epsilon_r = 48.254$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.31, 4.31, 4.31); Calibrated: 2012/11/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012/11/22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch64/Area Scan (51x101x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.74 W/kg

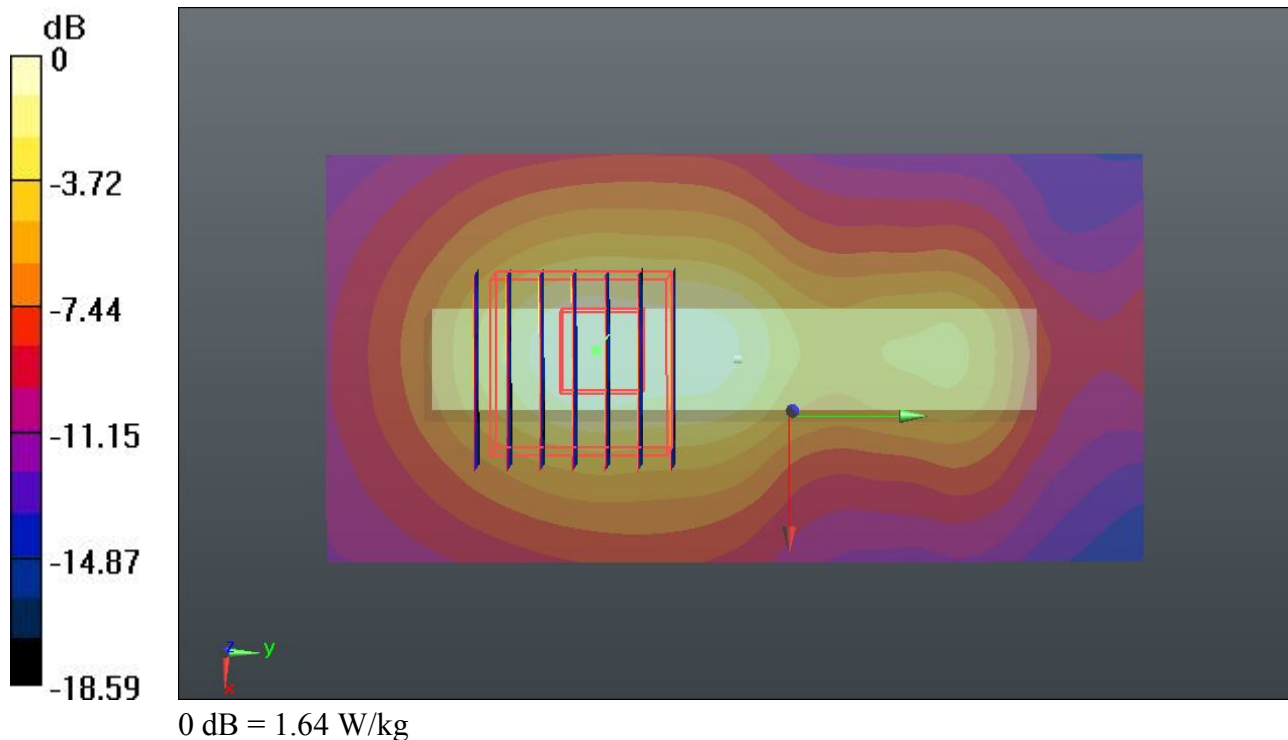
Ch64/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 19.977 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.598 mW/g

SAR(1 g) = 0.926 mW/g; SAR(10 g) = 0.285 mW/g

Maximum value of SAR (measured) = 1.64 W/kg



**#29\_WLAN5GHz\_802.11n-VHT80 MCS10\_Vertical Front\_0.5cm\_Ch58;Ant A+B**

**DUT: 2N0801-03**

Communication System: WIFI; Frequency: 5290 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_130725 Medium parameters used:  $f = 5290$  MHz;  $\sigma = 5.597$  mho/m;  $\epsilon_r = 48.285$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(4.31, 4.31, 4.31); Calibrated: 2012/11/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012/11/22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch58/Area Scan (51x101x1):** Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.27 W/kg

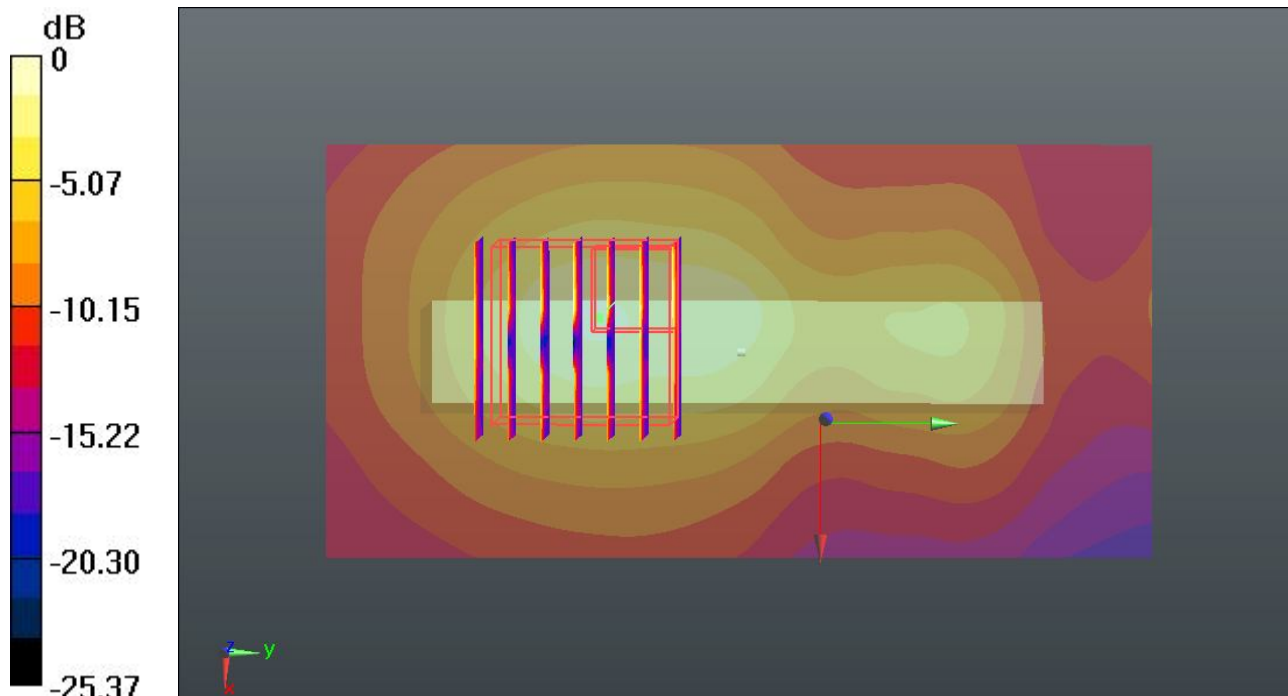
**Ch58/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 14.731 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 5.267 mW/g

**SAR(1 g) = 0.468 mW/g; SAR(10 g) = 0.143 mW/g**

Maximum value of SAR (measured) = 1.12 W/kg



0 dB = 1.12 W/kg

#21\_WLAN5GHz\_802.11n-HT20 MCS8\_Horizontal Up\_0.5cm\_Ch116;Ant A+B

**DUT: 2N0801-03**

Communication System: WIFI; Frequency: 5580 MHz; Duty Cycle: 1:1

Medium: MSL\_5G\_130726 Medium parameters used:  $f = 5580$  MHz;  $\sigma = 5.978$  mho/m;  $\epsilon_r = 47.893$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(3.86, 3.86, 3.86); Calibrated: 2012/11/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012/11/22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch116/Area Scan (51x101x1):** Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.49 W/kg

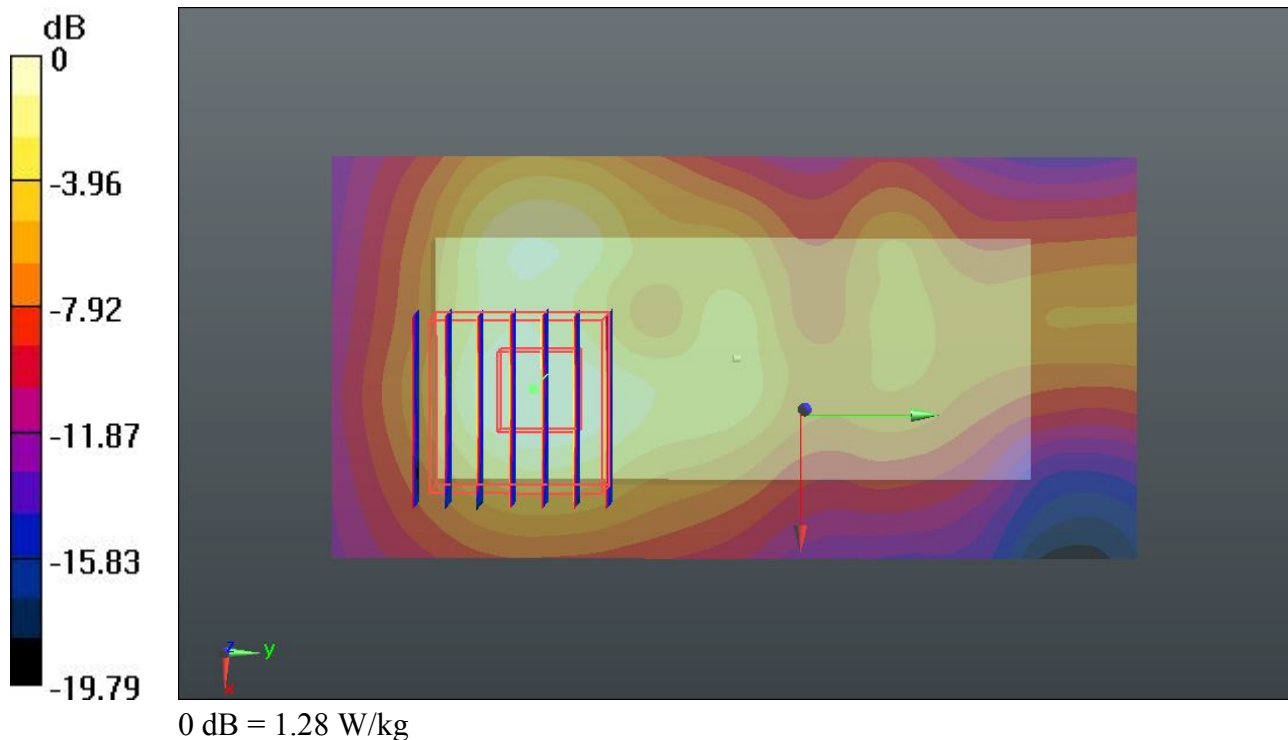
**Ch116/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 16.315 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.111 mW/g

**SAR(1 g) = 0.555 mW/g; SAR(10 g) = 0.154 mW/g**

Maximum value of SAR (measured) = 1.28 W/kg



#22\_WLAN5GHz\_802.11n-HT20 MCS8\_Horizontal Down\_0.5cm\_Ch116;Ant A+B

DUT: 2N0801-03

Communication System: WIFI; Frequency: 5580 MHz;Duty Cycle: 1:1

Medium: MSL\_5G\_130726 Medium parameters used:  $f = 5580$  MHz;  $\sigma = 5.978$  mho/m;  $\epsilon_r = 47.893$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(3.86, 3.86, 3.86); Calibrated: 2012/11/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012/11/22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch116/Area Scan (81x101x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.35 W/kg

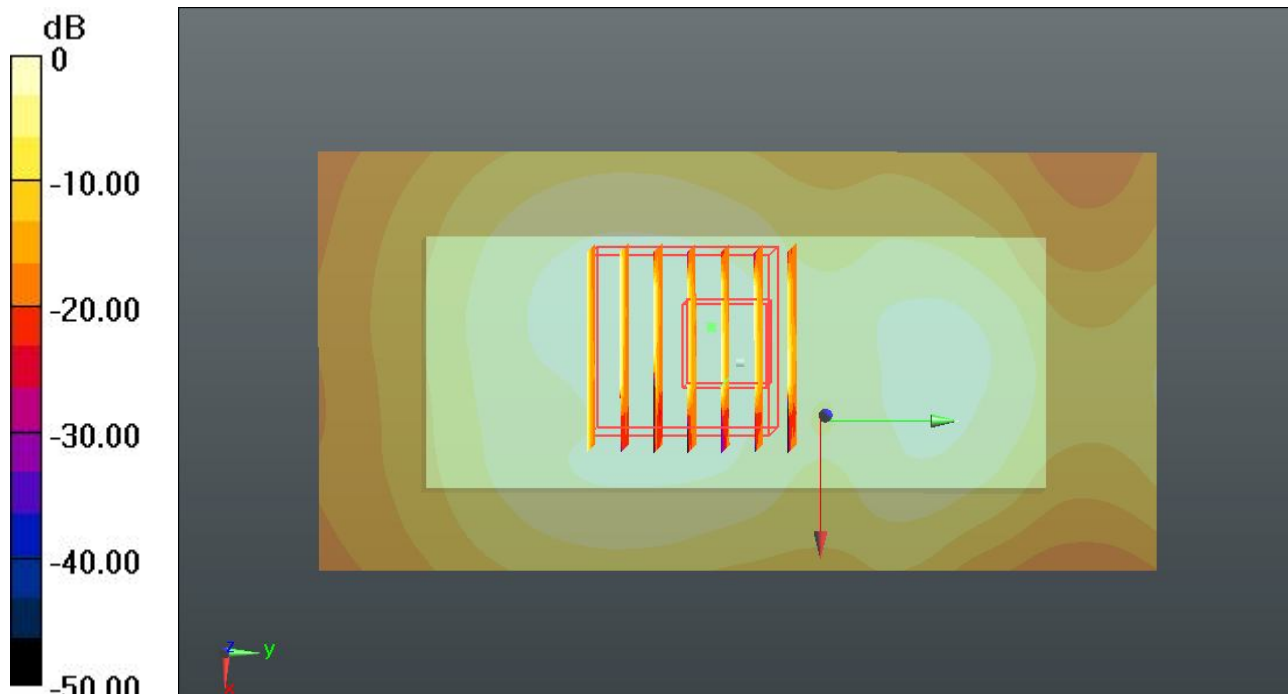
Ch116/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 14.231 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.837 mW/g

SAR(1 g) = 0.544 mW/g; SAR(10 g) = 0.146 mW/g

Maximum value of SAR (measured) = 1.14 W/kg



0 dB = 1.14 W/kg



#32\_WLAN5GHz\_802.11n-HT20 MCS8\_Verical Front\_0.5cm\_Ch116;Ant A+B

DUT: 2N0801-03

Communication System: WIFI; Frequency: 5580 MHz;Duty Cycle: 1:1

Medium: MSL\_5G\_130726 Medium parameters used:  $f = 5580$  MHz;  $\sigma = 5.978$  mho/m;  $\epsilon_r = 47.893$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(3.86, 3.86, 3.86); Calibrated: 2012/11/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012/11/22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch116/Area Scan (51x101x1):** Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.39 W/kg

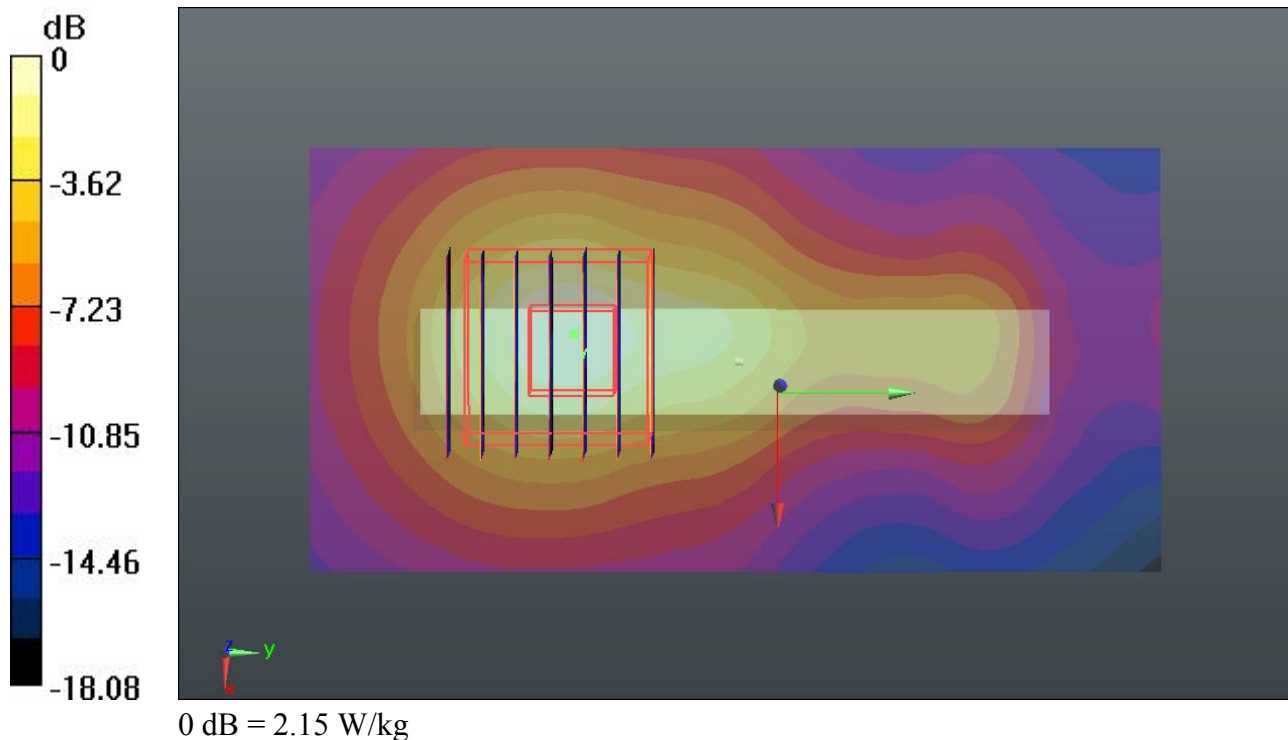
**Ch116/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 20.437 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 3.501 mW/g

**SAR(1 g) = 0.951 mW/g; SAR(10 g) = 0.302 mW/g**

Maximum value of SAR (measured) = 2.15 W/kg



#24\_WLAN5GHz\_802.11n-HT20 MCS8\_Verical Back\_0.5cm\_Ch116;Ant A+B

DUT: 2N0801-03

Communication System: WIFI; Frequency: 5580 MHz;Duty Cycle: 1:1

Medium: MSL\_5G\_130726 Medium parameters used:  $f = 5580$  MHz;  $\sigma = 5.978$  mho/m;  $\epsilon_r = 47.893$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(3.86, 3.86, 3.86); Calibrated: 2012/11/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012/11/22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch116/Area Scan (51x101x1): Interpolated grid: dx=10mm, dy=10mm

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

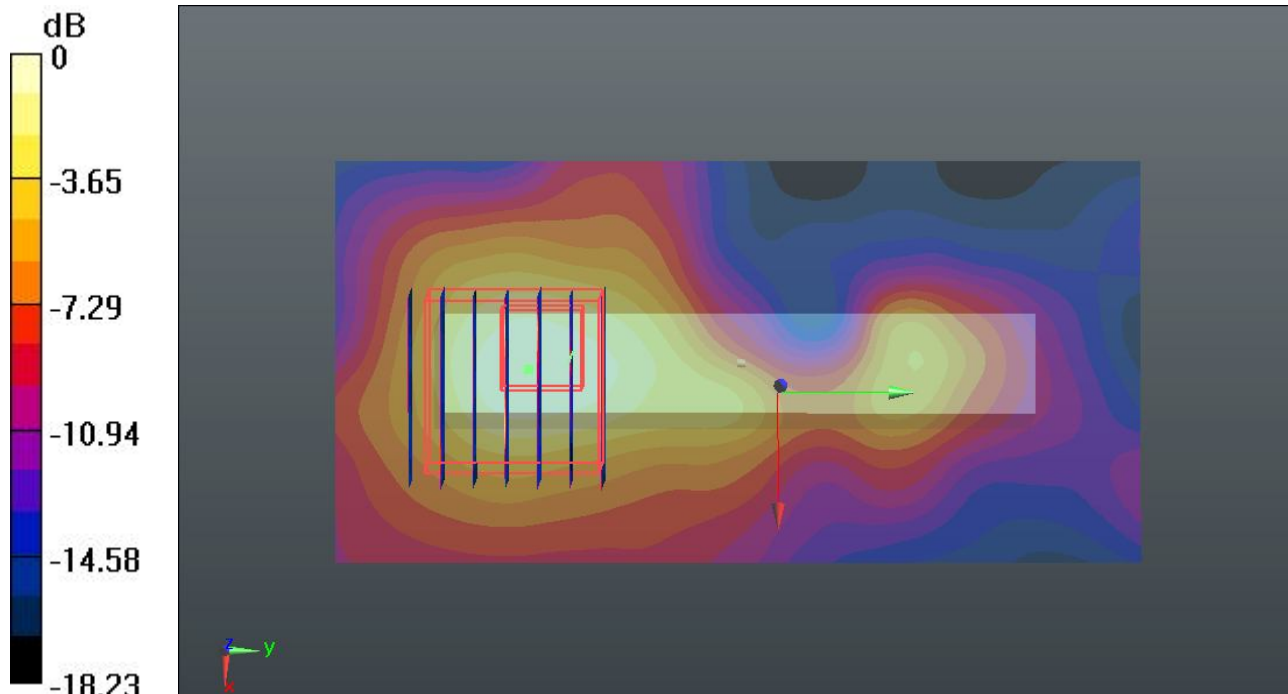
Ch116/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.829 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.485 mW/g

SAR(1 g) = 0.194 mW/g; SAR(10 g) = 0.083 mW/g

Maximum value of SAR (measured) = 0.927 W/kg



0 dB = 0.927 W/kg

#25\_WLAN5GHz\_802.11n-HT20 MCS8\_Tip Mode\_0.5cm\_Ch116;Ant A+B

DUT: 2N0801-03

Communication System: WIFI; Frequency: 5580 MHz;Duty Cycle: 1:1

Medium: MSL\_5G\_130726 Medium parameters used:  $f = 5580$  MHz;  $\sigma = 5.978$  mho/m;  $\epsilon_r = 47.893$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(3.86, 3.86, 3.86); Calibrated: 2012/11/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012/11/22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch116/Area Scan (41x61x1):** Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.405 W/kg

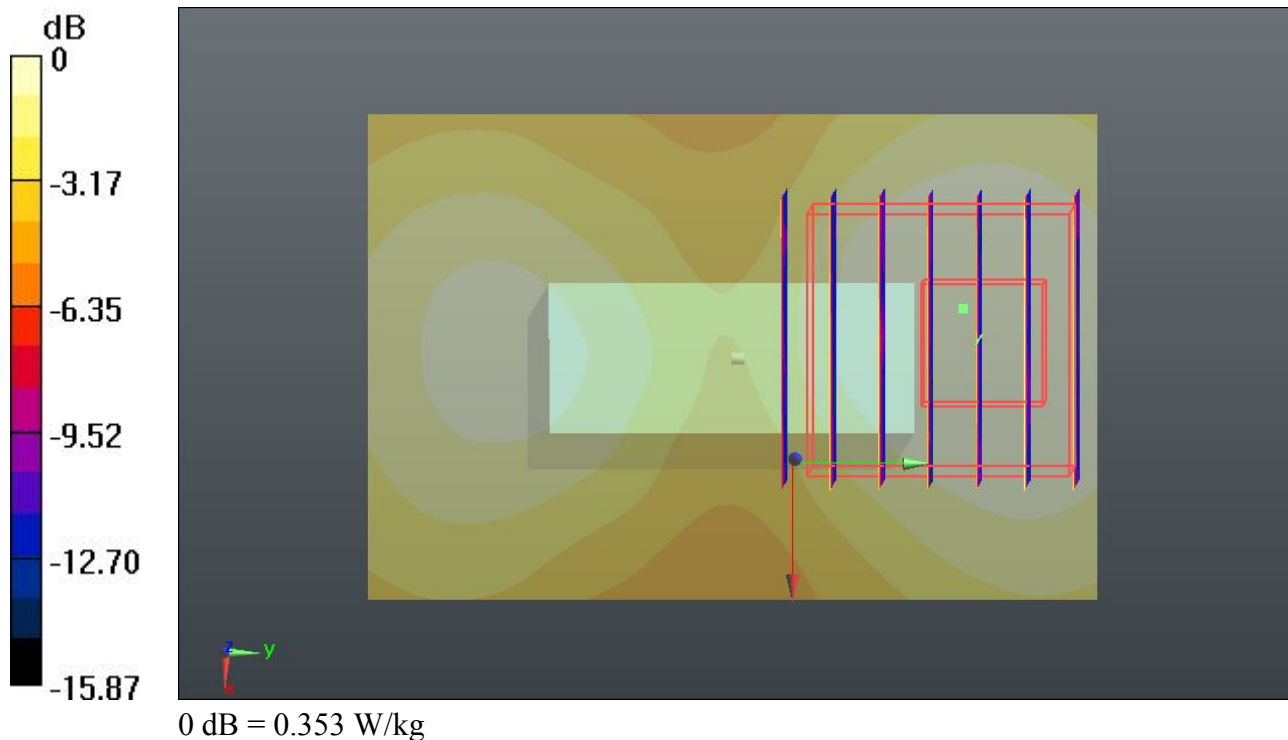
**Ch116/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 9.155 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.577 mW/g

**SAR(1 g) = 0.172 mW/g; SAR(10 g) = 0.069 mW/g**

Maximum value of SAR (measured) = 0.353 W/kg



#26\_WLAN5GHz\_802.11n-HT20 MCS8\_Verical Front\_0.5cm\_Ch104;Ant A+B

DUT: 2N0801-03

Communication System: WIFI; Frequency: 5520 MHz;Duty Cycle: 1:1

Medium: MSL\_5G\_130726 Medium parameters used:  $f = 5520$  MHz;  $\sigma = 5.897$  mho/m;  $\epsilon_r = 47.957$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(3.94, 3.94, 3.94); Calibrated: 2012/11/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012/11/22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch104/Area Scan (51x101x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.52 W/kg

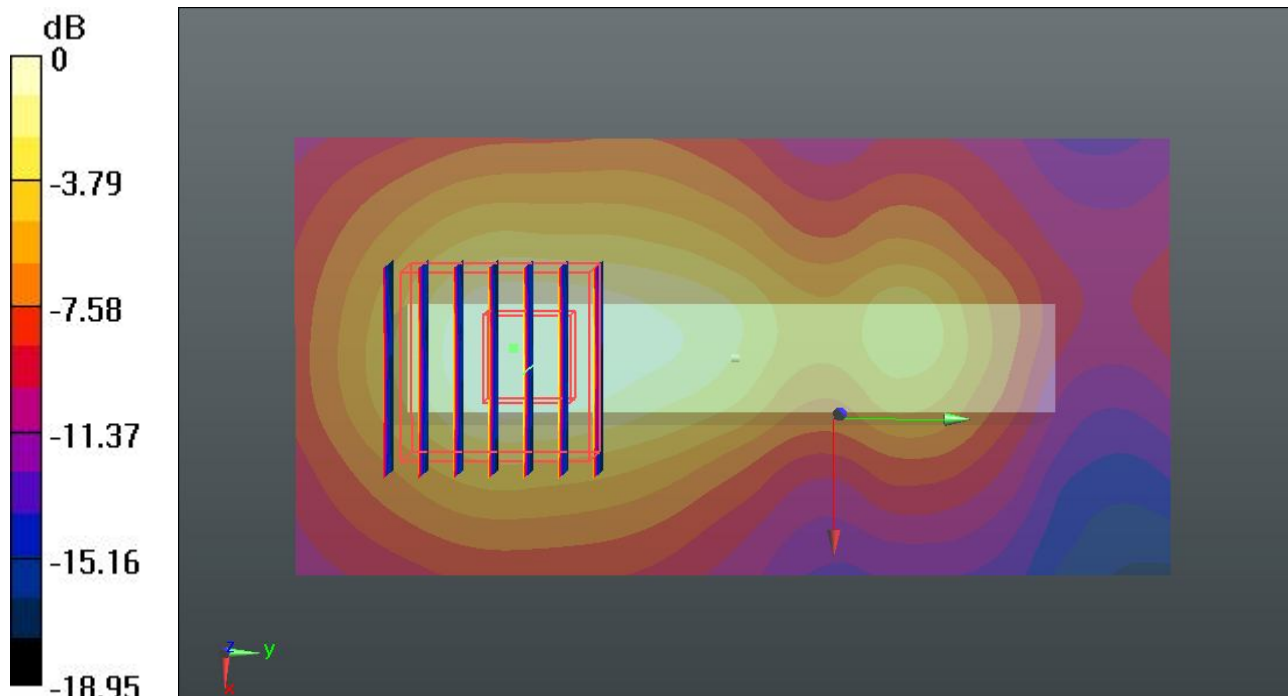
Ch104/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 19.554 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.255 mW/g

SAR(1 g) = 0.884 mW/g; SAR(10 g) = 0.257 mW/g

Maximum value of SAR (measured) = 1.37 W/kg



0 dB = 1.37 W/kg

#28\_WLAN5GHz\_802.11n-HT20 MCS8\_Verical Front\_0.5cm\_Ch132;Ant A+B

DUT: 2N0801-03

Communication System: WIFI; Frequency: 5660 MHz;Duty Cycle: 1:1

Medium: MSL\_5G\_130726 Medium parameters used:  $f = 5660$  MHz;  $\sigma = 5.96$  mho/m;  $\epsilon_r = 48.157$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(3.86, 3.86, 3.86); Calibrated: 2012/11/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012/11/22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch132/Area Scan (51x101x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.18 W/kg

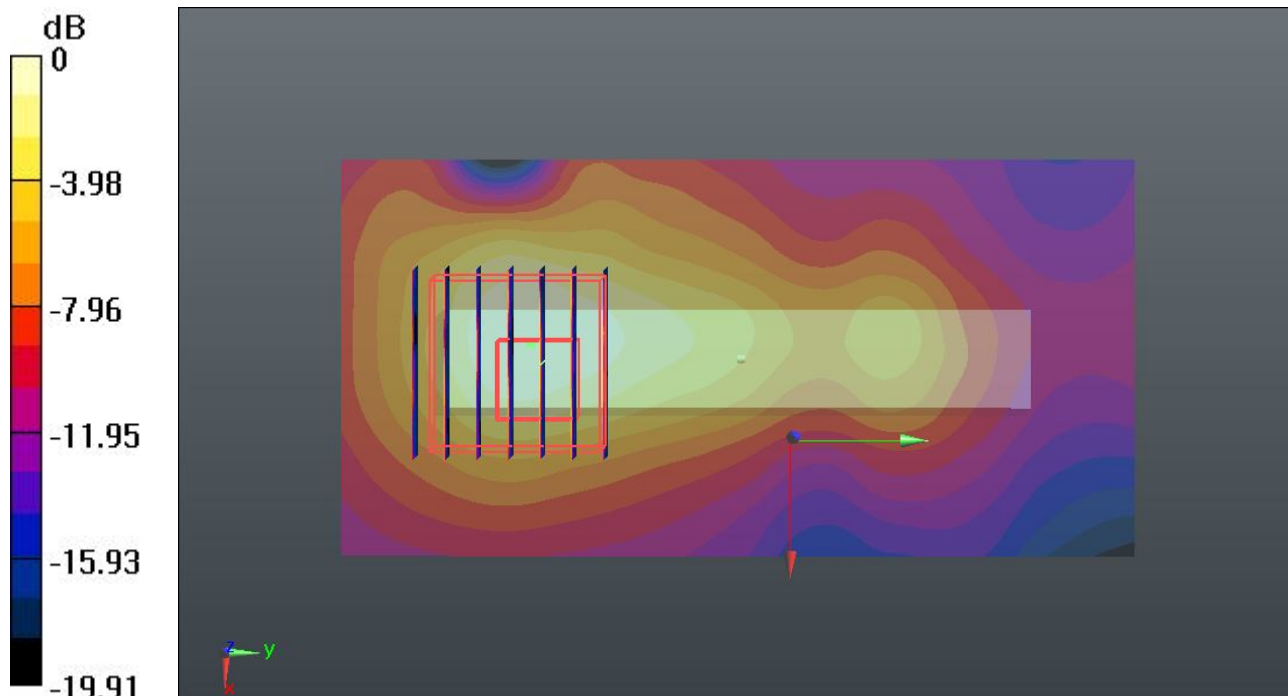
Ch132/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 18.110 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.962 mW/g

SAR(1 g) = 0.826 mW/g; SAR(10 g) = 0.239 mW/g

Maximum value of SAR (measured) = 1.97 W/kg



0 dB = 1.97 W/kg

**#30\_WLAN5GHz\_802.11n-VHT80 MCS10\_Vertical Front\_0.5cm\_Ch106;Ant A+B**

**DUT: 2N0801-03**

Communication System: WIFI; Frequency: 5530 MHz;Duty Cycle: 1:1

Medium: MSL\_5G\_130726 Medium parameters used:  $f = 5530$  MHz;  $\sigma = 5.911$  mho/m;  $\epsilon_r = 47.949$ ;

$\rho = 1000$  kg/m<sup>3</sup>

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

**DASY5 Configuration:**

- Probe: EX3DV4 - SN3819; ConvF(3.94, 3.94, 3.94); Calibrated: 2012/11/26;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2012/11/22
- Phantom: SAM2; Type: QD000P40CD; Serial: TP:1671
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

**Ch106/Area Scan (51x101x1):** Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.68 W/kg

**Ch106/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 16.557 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.279 mW/g

**SAR(1 g) = 0.610 mW/g; SAR(10 g) = 0.181 mW/g**

Maximum value of SAR (measured) = 1.38 W/kg

