



Appendix B. Plots of SAR Measurement

The plots are shown as follows.

#57_WLAN2.4G_802.11b_Bottom Face_0cm_Ch6;Ant 1**DUT: 312810-01**

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

Medium: MSL_2450_130203 Medium parameters used: $f = 2437$ MHz; $\sigma = 2.001$ mho/m; $\epsilon_r = 53.956$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

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

Configuration/Ch6/Area Scan (71x161x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (interpolated) = 0.186 mW/g

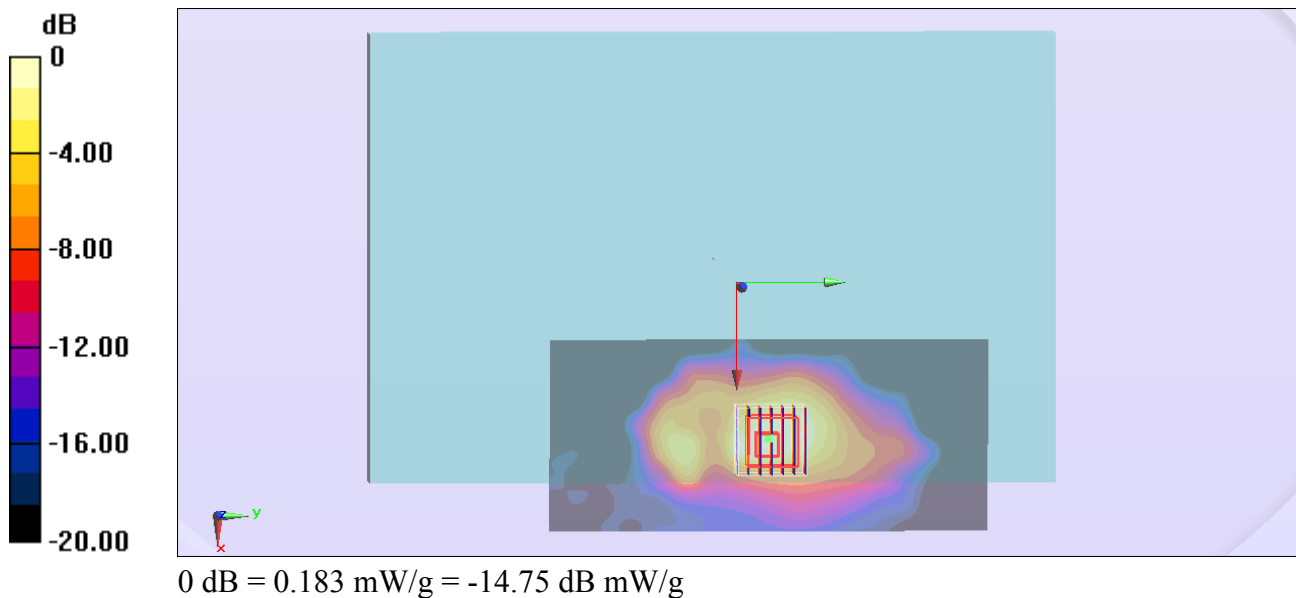
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 9.604 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.265 mW/g

SAR(1 g) = 0.122 mW/g; SAR(10 g) = 0.061 mW/g

Maximum value of SAR (measured) = 0.183 mW/g



#58_WLAN2.4G_802.11b_Edge1_0cm_Ch6;Ant 1**DUT: 312810-01**

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

Medium: MSL_2450_130203 Medium parameters used: $f = 2437$ MHz; $\sigma = 2.001$ mho/m; $\epsilon_r = 53.956$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

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

Configuration/Ch6/Area Scan (51x171x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.316 mW/g

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

Reference Value = 12.798 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.431 mW/g

SAR(1 g) = 0.217 mW/g; SAR(10 g) = 0.106 mW/g

Maximum value of SAR (measured) = 0.321 mW/g

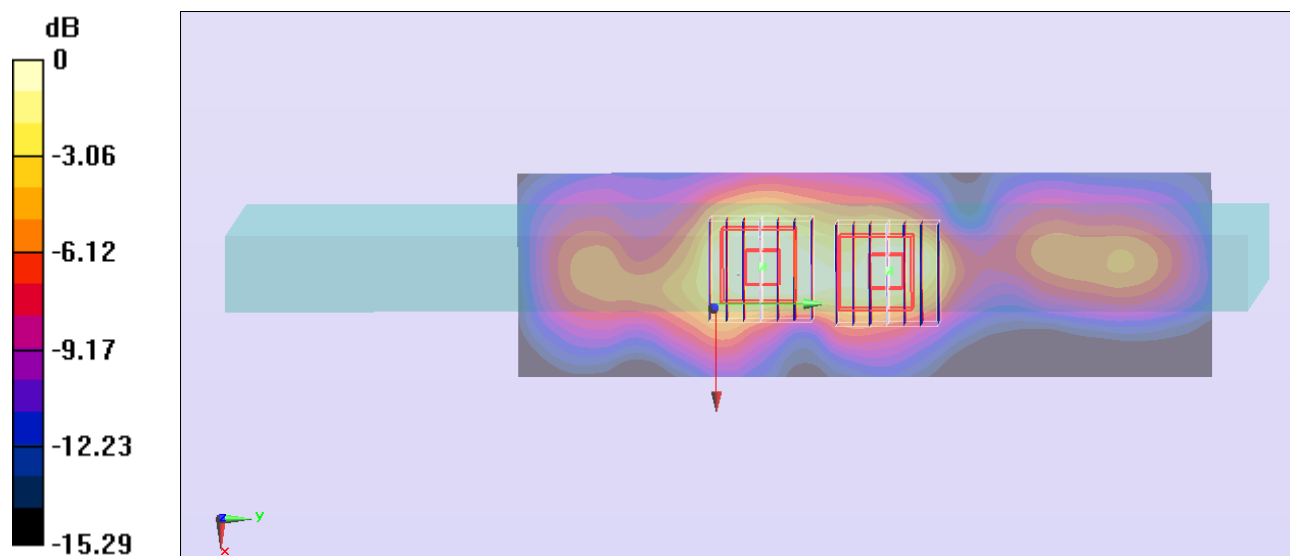
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.798 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.306 mW/g

SAR(1 g) = 0.153 mW/g; SAR(10 g) = 0.077 mW/g

Maximum value of SAR (measured) = 0.227 mW/g



0 dB = 0.227 mW/g = -12.88 dB mW/g

#61_WLAN2.4G_802.11b_Bottom Face_0cm_Ch6;Ant 0+1**DUT: 312810-01**

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

Medium: MSL_2450_130203 Medium parameters used: $f = 2437$ MHz; $\sigma = 2.001$ mho/m; $\epsilon_r = 53.956$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

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

Configuration/Ch6/Area Scan (71x131x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.470 mW/g

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

Reference Value = 15.255 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.679 mW/g

SAR(1 g) = 0.308 mW/g; SAR(10 g) = 0.147 mW/g

Maximum value of SAR (measured) = 0.454 mW/g

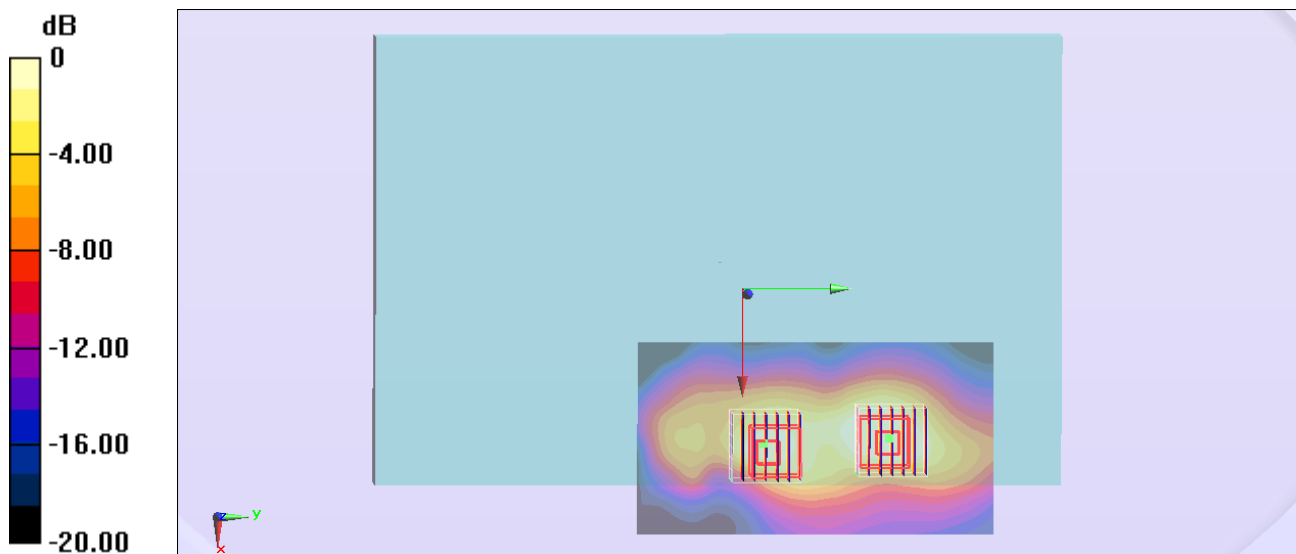
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.255 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.481 mW/g

SAR(1 g) = 0.220 mW/g; SAR(10 g) = 0.112 mW/g

Maximum value of SAR (measured) = 0.334 mW/g



0 dB = 0.334 mW/g = -9.53 dB mW/g

#62_WLAN2.4G_802.11b_Edge1_0cm_Ch6;Ant 0+1**DUT: 312810-01**

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

Medium: MSL_2450_130203 Medium parameters used: $f = 2437$ MHz; $\sigma = 2.001$ mho/m; $\epsilon_r = 53.956$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

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

Configuration/Ch6/Area Scan (51x151x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.496 mW/g

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

Reference Value = 15.349 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.679 mW/g

SAR(1 g) = 0.320 mW/g; SAR(10 g) = 0.157 mW/g

Maximum value of SAR (measured) = 0.483 mW/g

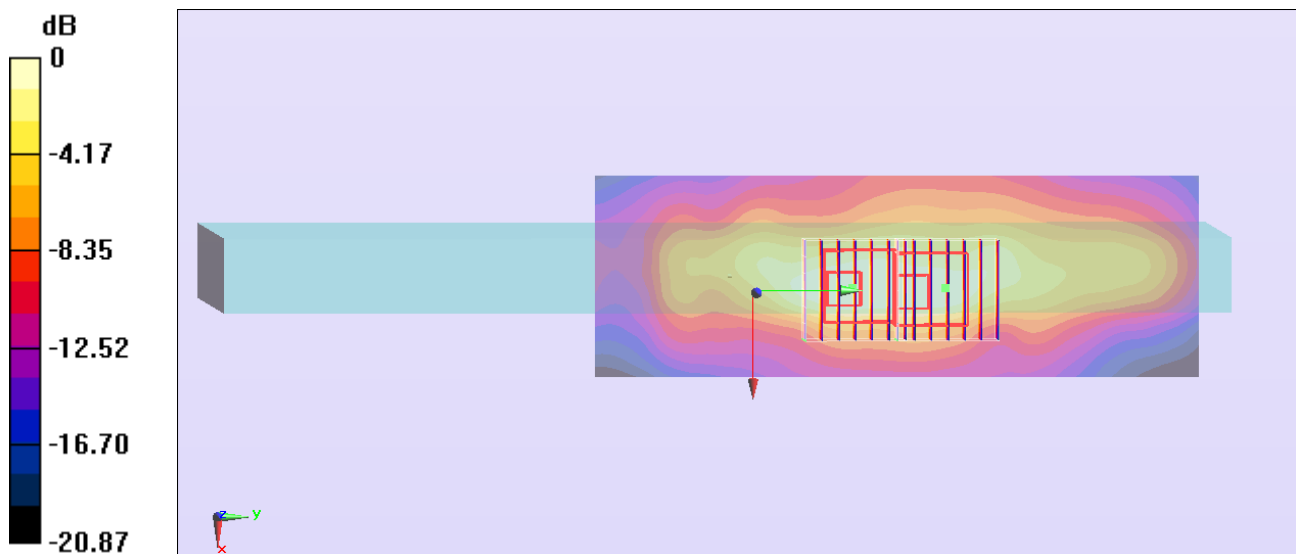
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.349 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.596 mW/g

SAR(1 g) = 0.239 mW/g; SAR(10 g) = 0.121 mW/g

Maximum value of SAR (measured) = 0.423 mW/g



#18_WLAN5G_802.11a_Bottom Face_0cm_Ch48;Ant 1**DUT: 312810-01**

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

Medium: MSL_5G_130201 Medium parameters used: $f = 5240$ MHz; $\sigma = 5.285$ mho/m; $\epsilon_r = 47.411$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C; Liquid Temperature : 21.5 °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: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch48/Area Scan (71x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.219 mW/g

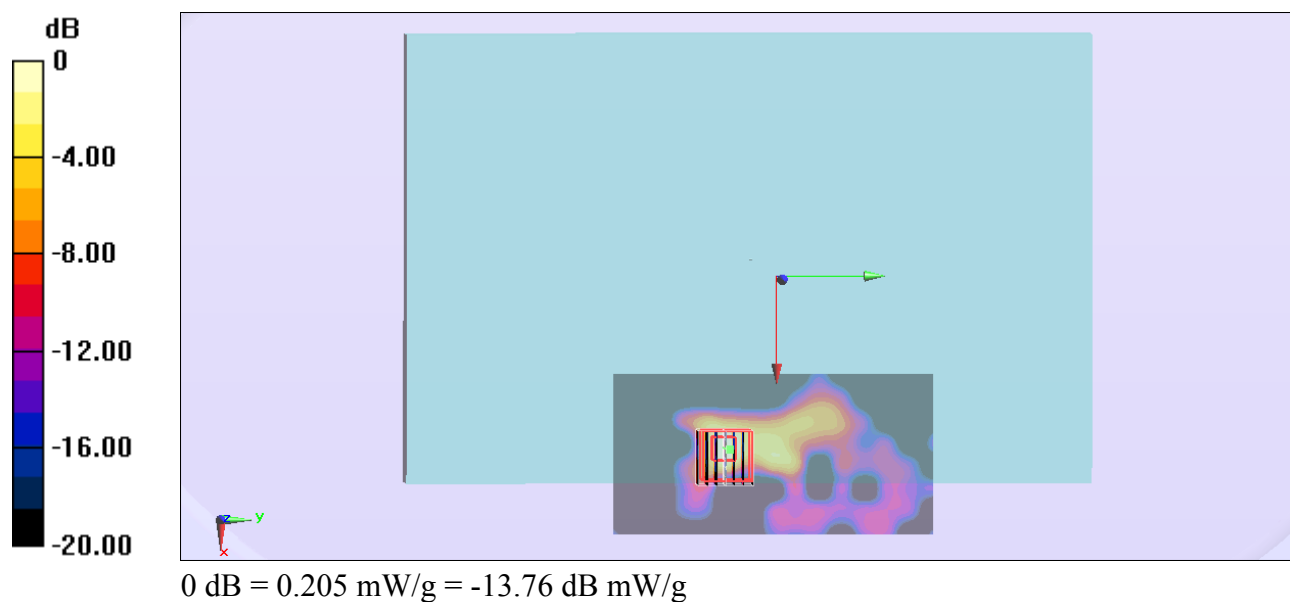
Configuration/Ch48/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.747 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.309 mW/g

SAR(1 g) = 0.068 mW/g; SAR(10 g) = 0.017 mW/g

Maximum value of SAR (measured) = 0.205 mW/g



#06_WLAN5G_802.11a_Edge1_0cm_Ch48;Ant 1**DUT: 312810-01**

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

Medium: MSL_5G_130131 Medium parameters used: $f = 5240$ MHz; $\sigma = 5.271$ mho/m; $\epsilon_r = 47.38$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.3°C ; Liquid Temperature : 21.3°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: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch48/Area Scan (61x141x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.352 mW/g

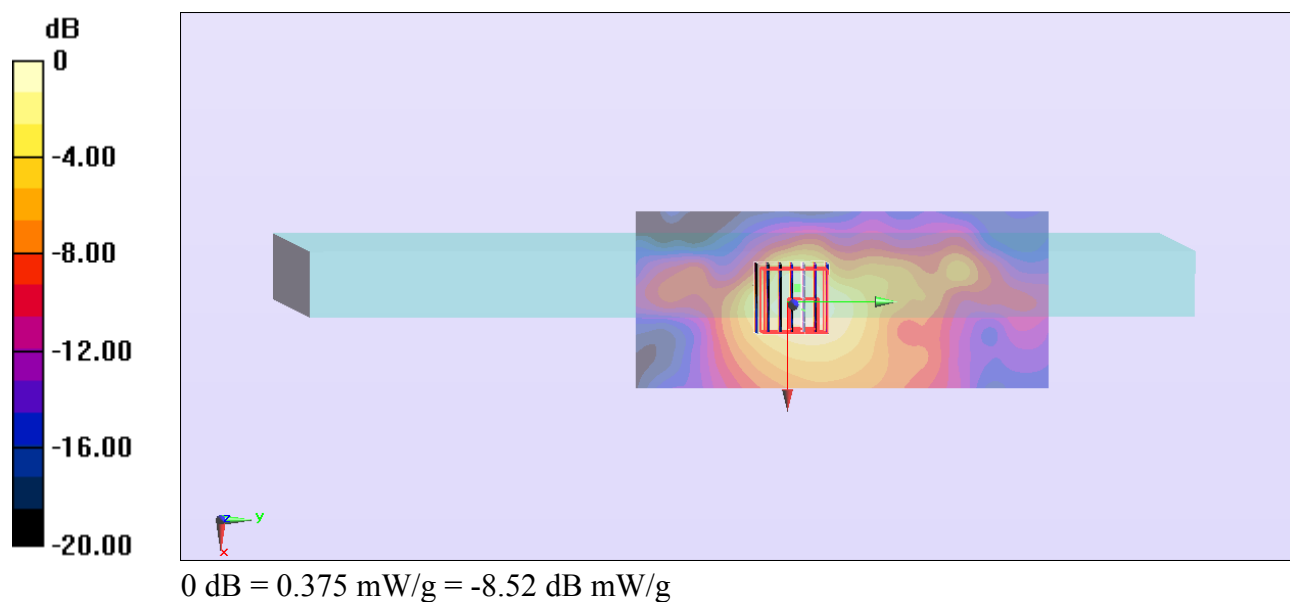
Configuration/Ch48/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 8.176 V/m ; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.614 mW/g

SAR(1 g) = 0.170 mW/g ; SAR(10 g) = 0.067 mW/g

Maximum value of SAR (measured) = 0.375 mW/g



#19_WLAN5G_802.11a_Bottom Face_0cm_Ch52;Ant 1**DUT: 312810-01**

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

Medium: MSL_5G_130201 Medium parameters used: $f = 5260$ MHz; $\sigma = 5.312$ mho/m; $\epsilon_r = 47.359$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); 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: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch52/Area Scan (71x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.513 mW/g

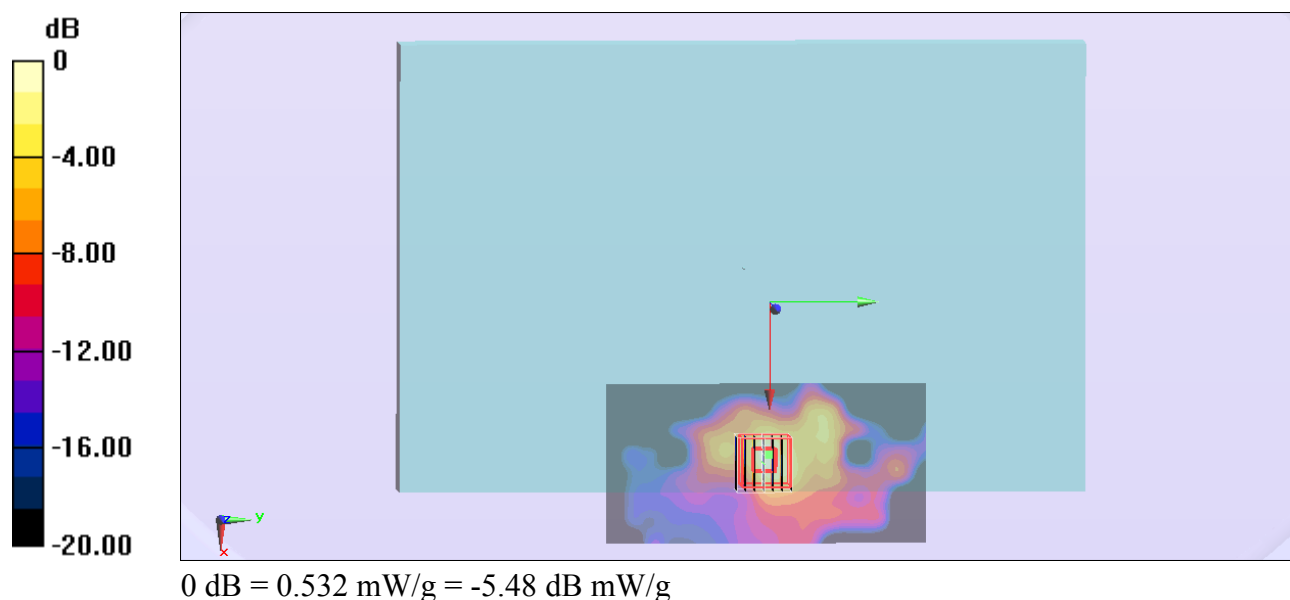
Configuration/Ch52/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 9.722 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.847 mW/g

SAR(1 g) = 0.211 mW/g; SAR(10 g) = 0.063 mW/g

Maximum value of SAR (measured) = 0.532 mW/g



#04_WLAN5G_802.11a_Edge1_0cm_Ch52;Ant 1**DUT: 312810-01**

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

Medium: MSL_5G_130131 Medium parameters used : $f = 5260$ MHz; $\sigma = 5.298$ mho/m; $\epsilon_r = 47.329$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); 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: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch52/Area Scan (61x141x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 1.52 mW/g

Configuration/Ch52/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 17.125 V/m ; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 2.524 mW/g

SAR(1 g) = 0.716 mW/g ; SAR(10 g) = 0.281 mW/g

Maximum value of SAR (measured) = 1.56 mW/g

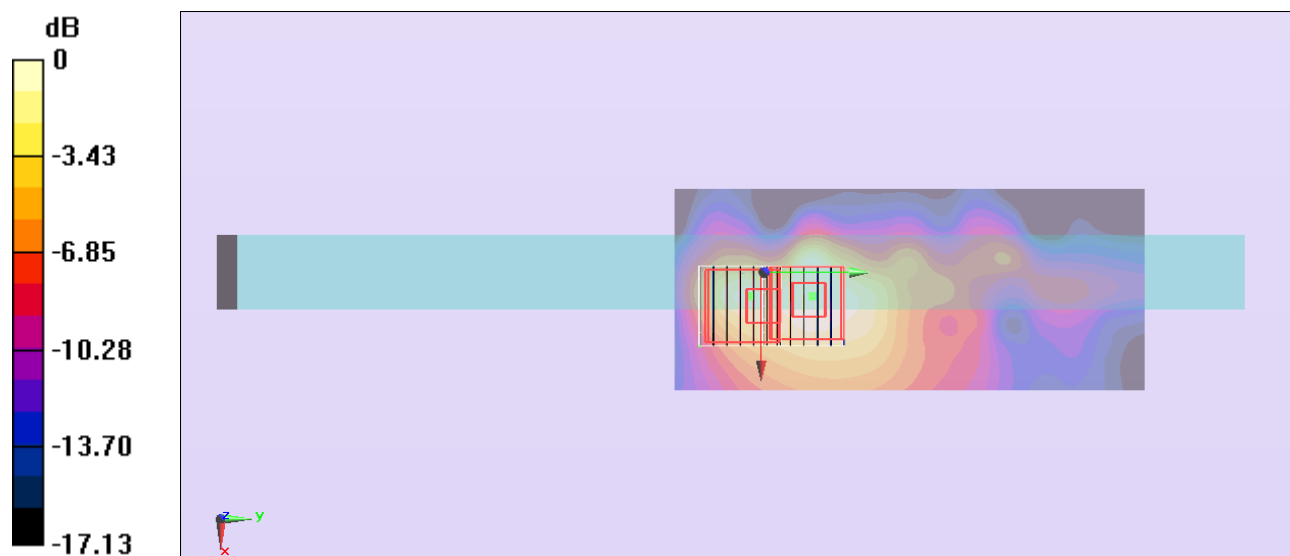
Configuration/Ch52/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 17.125 V/m ; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.833 mW/g

SAR(1 g) = 0.451 mW/g ; SAR(10 g) = 0.177 mW/g

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



0 dB = 1.18 mW/g = 1.44 dB mW/g

#33_WLAN5G_802.11a_Bottom Face_0cm_Ch116;Ant 1**DUT: 312810-01**

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

Medium: MSL_5G_130201 Medium parameters used: $f = 5580$ MHz; $\sigma = 5.764$ mho/m; $\epsilon_r = 46.85$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); 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: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch116/Area Scan (71x201x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
Maximum value of SAR (interpolated) = 0.509 mW/g

Configuration/Ch116/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$,
 $dz=1.4\text{mm}$

Reference Value = 8.695 V/m ; Power Drift = 0.125 dB

Peak SAR (extrapolated) = 0.953 mW/g

SAR(1 g) = 0.209 mW/g ; SAR(10 g) = 0.066 mW/g

Maximum value of SAR (measured) = 0.523 mW/g

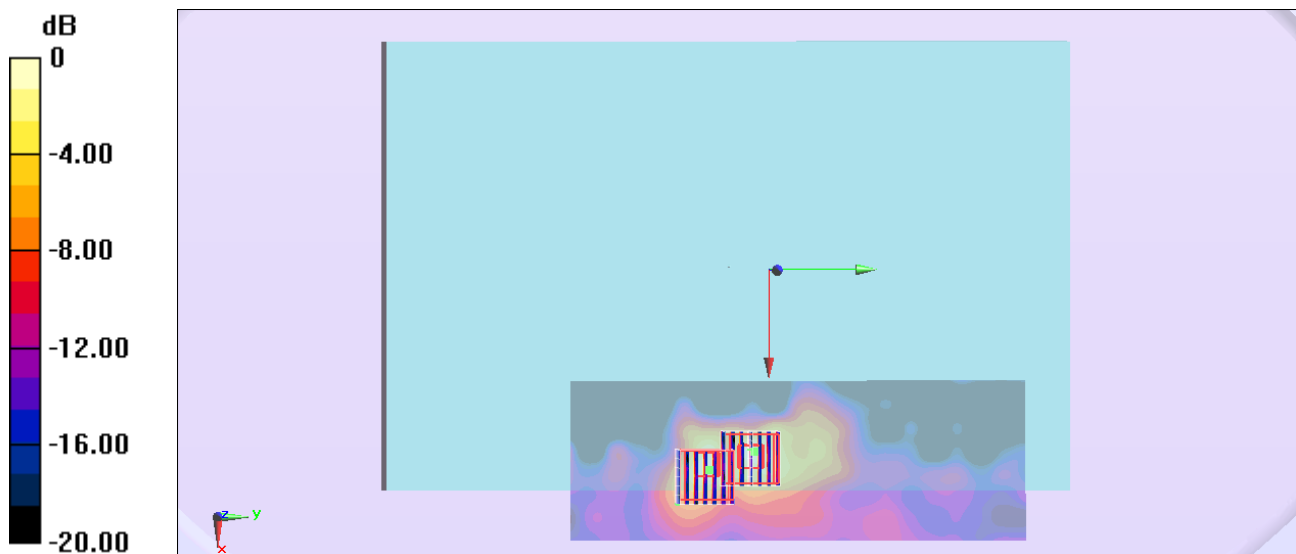
Configuration/Ch116/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$,
 $dz=1.4\text{mm}$

Reference Value = 8.695 V/m ; Power Drift = 0.125 dB

Peak SAR (extrapolated) = 0.779 mW/g

SAR(1 g) = 0.175 mW/g ; SAR(10 g) = 0.058 mW/g

Maximum value of SAR (measured) = 0.436 mW/g



#07_WLAN5G_802.11a_Edge1_0cm_Ch116;Ant 1**DUT: 312810-01**

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

Medium: MSL_5G_130201 Medium parameters used: $f = 5580$ MHz; $\sigma = 5.764$ mho/m; $\epsilon_r = 46.85$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); 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: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch116/Area Scan (61x151x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
Maximum value of SAR (interpolated) = 1.63 mW/g

Configuration/Ch116/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$,
 $dz=1.4\text{mm}$

Reference Value = 11.329 V/m ; Power Drift = -0.177 dB

Peak SAR (extrapolated) = 2.898 mW/g

SAR(1 g) = 0.699 mW/g ; SAR(10 g) = 0.217 mW/g

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

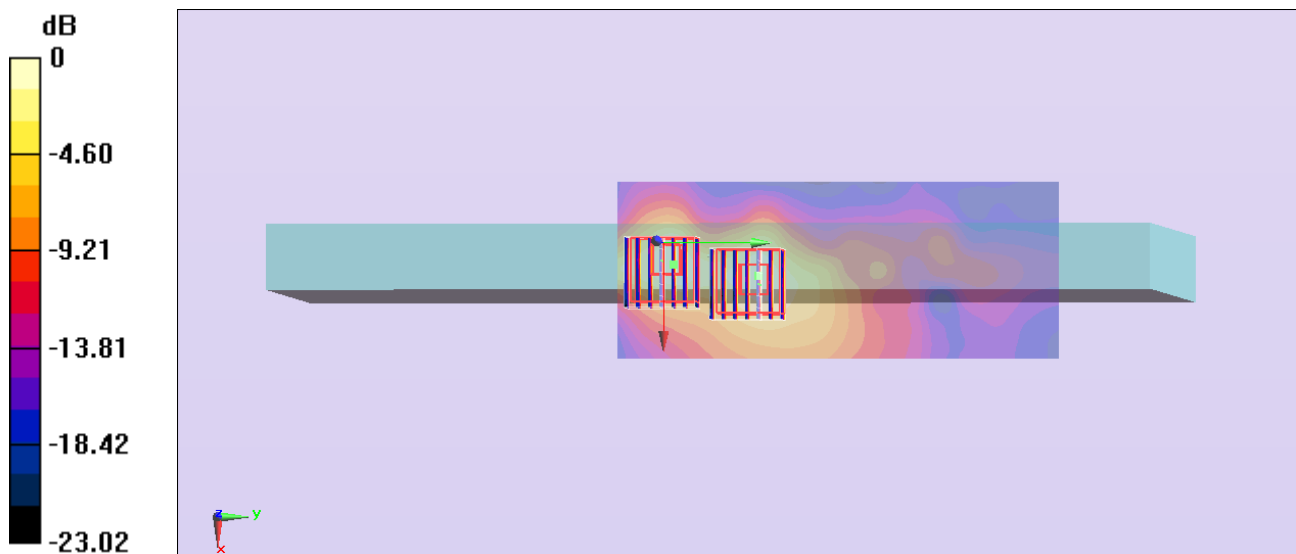
Configuration/Ch116/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$,
 $dz=1.4\text{mm}$

Reference Value = 11.329 V/m ; Power Drift = -0.177 dB

Peak SAR (extrapolated) = 2.305 mW/g

SAR(1 g) = 0.577 mW/g ; SAR(10 g) = 0.223 mW/g

Maximum value of SAR (measured) = 1.32 mW/g



0 dB = 1.32 mW/g = 2.41 dB mW/g

#34_WLAN5G_802.11a_Edge1_0cm_Ch104;Ant 1**DUT: 312810-01**

Communication System: 802.11a; Frequency: 5520 MHz; Duty Cycle: 1:1

Medium: MSL_5G_130201 Medium parameters used: $f = 5520$ MHz; $\sigma = 5.678$ mho/m; $\epsilon_r = 46.984$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); 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: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch104/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.06 mW/g

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

Reference Value = 10.347 V/m; Power Drift = 0.129 dB

Peak SAR (extrapolated) = 3.520 mW/g

SAR(1 g) = 0.784 mW/g; SAR(10 g) = 0.206 mW/g

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

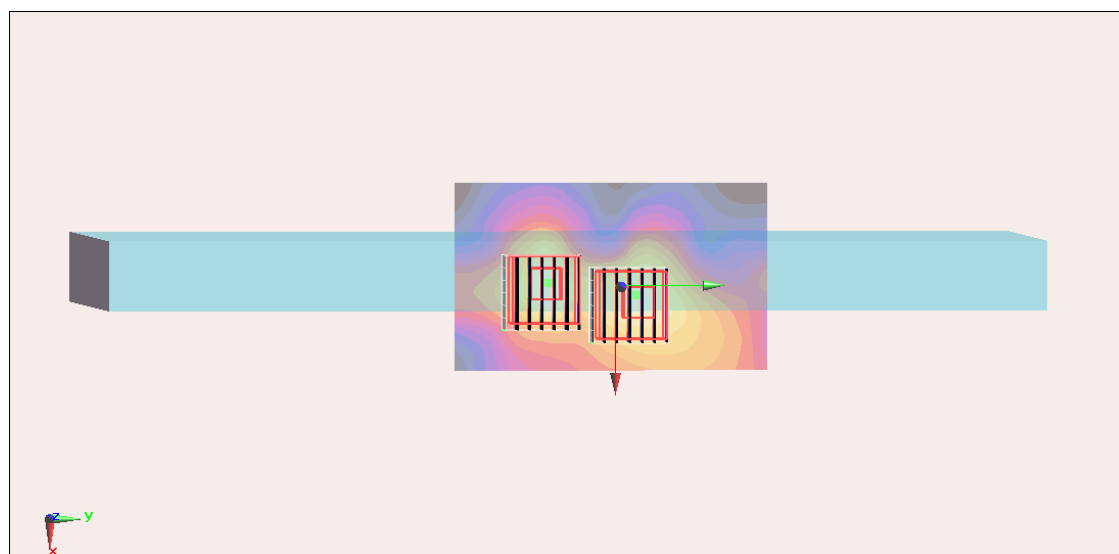
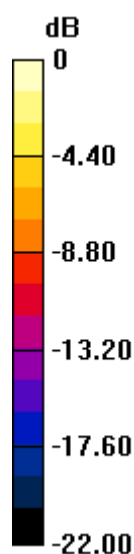
Configuration/Ch104/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.347 V/m; Power Drift = 0.129 dB

Peak SAR (extrapolated) = 2.895 mW/g

SAR(1 g) = 0.757 mW/g; SAR(10 g) = 0.276 mW/g

Maximum value of SAR (measured) = 1.82 mW/g



0 dB = 1.82 mW/g = 5.20 dB mW/g

#35_WLAN5G_802.11a_Edge1_0cm_Ch136;Ant 1**DUT: 312810-01**

Communication System: 802.11a; Frequency: 5680 MHz; Duty Cycle: 1:1

Medium: MSL_5G_130201 Medium parameters used: $f = 5680$ MHz; $\sigma = 5.931$ mho/m; $\epsilon_r = 46.679$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); 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: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch136/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.85 mW/g

Configuration/Ch136/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 12.406 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 4.036 mW/g

SAR(1 g) = 0.955 mW/g; SAR(10 g) = 0.304 mW/g

Maximum value of SAR (measured) = 2.27 mW/g

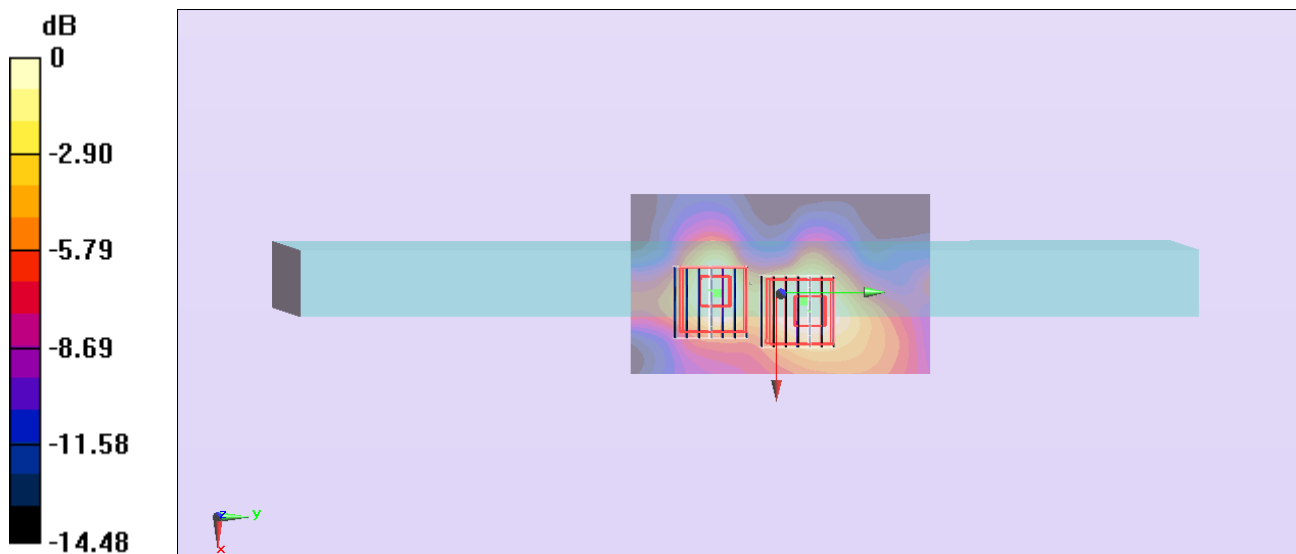
Configuration/Ch136/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 12.406 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.699 mW/g

SAR(1 g) = 0.702 mW/g; SAR(10 g) = 0.298 mW/g

Maximum value of SAR (measured) = 1.57 mW/g



#40_WLAN5G_802.11a_Edge1_0cm_Ch136;Ant 1_Repeat**DUT: 312810-01**

Communication System: 802.11a; Frequency: 5680 MHz; Duty Cycle: 1:1

Medium: MSL_5G_130201 Medium parameters used: $f = 5680$ MHz; $\sigma = 5.931$ mho/m; $\epsilon_r = 46.679$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); 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: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch136/Area Scan (61x101x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.25 mW/g

Configuration/Ch136/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.578 V/m; Power Drift = 0.029 dB

Peak SAR (extrapolated) = 3.842 mW/g

SAR(1 g) = 0.855 mW/g; SAR(10 g) = 0.225 mW/g

Maximum value of SAR (measured) = 2.14 mW/g

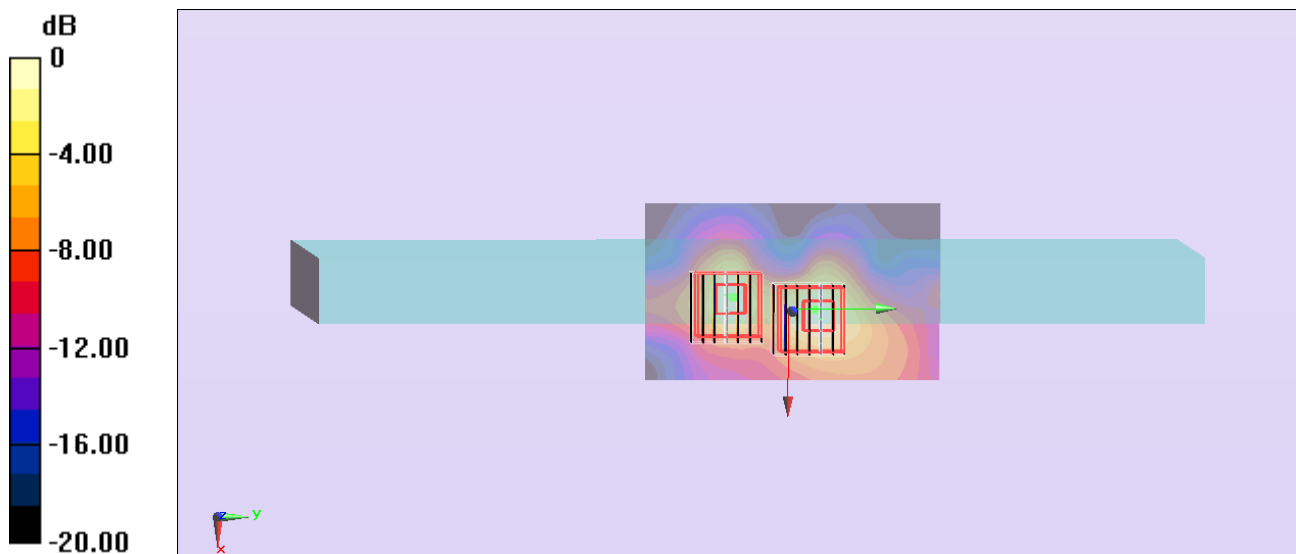
Configuration/Ch136/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.578 V/m; Power Drift = 0.029 dB

Peak SAR (extrapolated) = 3.160 mW/g

SAR(1 g) = 0.827 mW/g; SAR(10 g) = 0.302 mW/g

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



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

#20_WLAN5G_802.11a_Bottom Face_0cm_Ch165;Ant 1**DUT: 312810-01**

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

Medium: MSL_5G_130201 Medium parameters used: $f = 5825$ MHz; $\sigma = 6.211$ mho/m; $\epsilon_r = 46.434$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °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: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch165/Area Scan (71x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0946 mW/g

Configuration/Ch165/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.882 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.252 mW/g

SAR(1 g) = 0.021 mW/g; SAR(10 g) = 0.00591 mW/g

Maximum value of SAR (measured) = 0.0759 mW/g

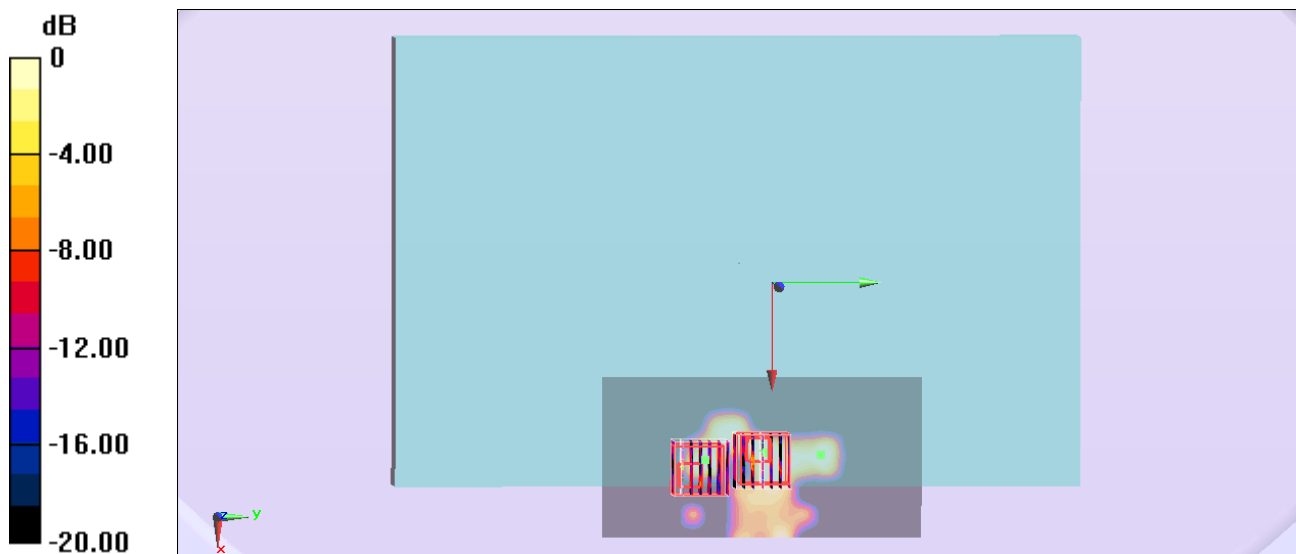
Configuration/Ch165/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.882 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.151 mW/g

SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.00556 mW/g

Maximum value of SAR (measured) = 0.0452 mW/g



#08_WLAN5G_802.11a_Edge1_0cm_Ch165;Ant 1**DUT: 312810-01**

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

Medium: MSL_5G_130131 Medium parameters used: $f = 5825$ MHz; $\sigma = 6.193$ mho/m; $\epsilon_r = 46.405$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °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: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch165/Area Scan (61x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.317 mW/g

Configuration/Ch165/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.915 V/m; Power Drift = -0.059 dB

Peak SAR (extrapolated) = 0.565 mW/g

SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.063 mW/g

Maximum value of SAR (measured) = 0.322 mW/g

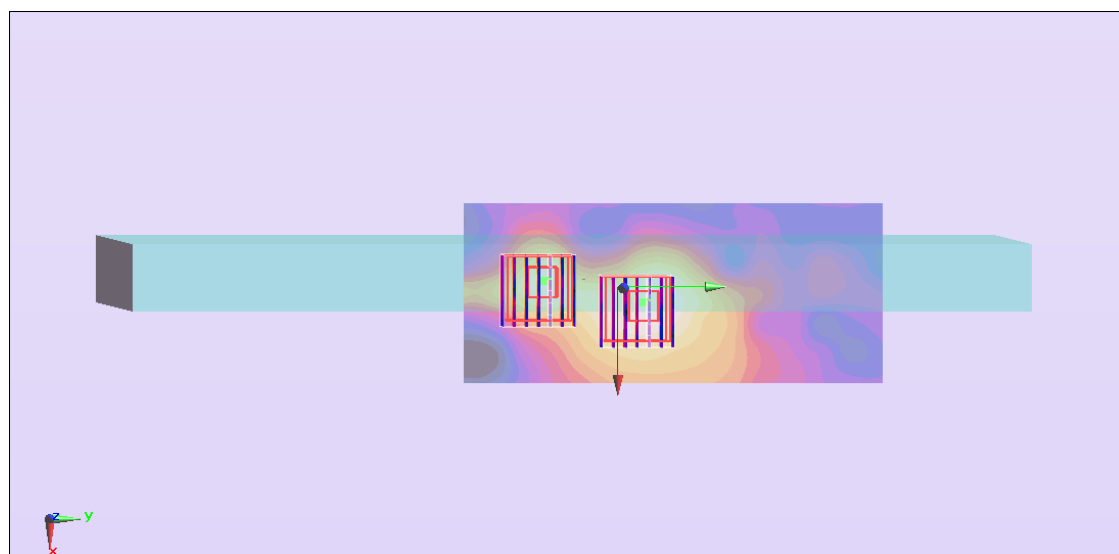
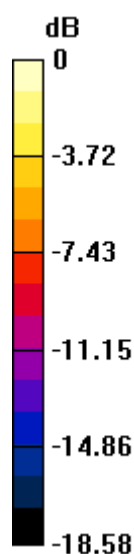
Configuration/Ch165/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.915 V/m; Power Drift = -0.059 dB

Peak SAR (extrapolated) = 0.481 mW/g

SAR(1 g) = 0.113 mW/g; SAR(10 g) = 0.041 mW/g

Maximum value of SAR (measured) = 0.268 mW/g



0 dB = 0.268 mW/g = -11.44 dB mW/g

#28_WLAN5G_802.11a_Bottom Face_0cm_Ch44;Ant 0+1**DUT: 312810-01**

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

Medium: MSL_5G_130131 Medium parameters used : $f = 5220$ MHz; $\sigma = 5.257$ mho/m; $\epsilon_r = 47.44$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.3°C ; Liquid Temperature : 21.3°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: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch44/Area Scan (71x231x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
Maximum value of SAR (interpolated) = 0.195 mW/g

Configuration/Ch44/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$,
 $dz=1.4\text{mm}$

Reference Value = 6.234 V/m ; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.361 mW/g

SAR(1 g) = 0.110 mW/g ; SAR(10 g) = 0.058 mW/g

Maximum value of SAR (measured) = 0.210 mW/g

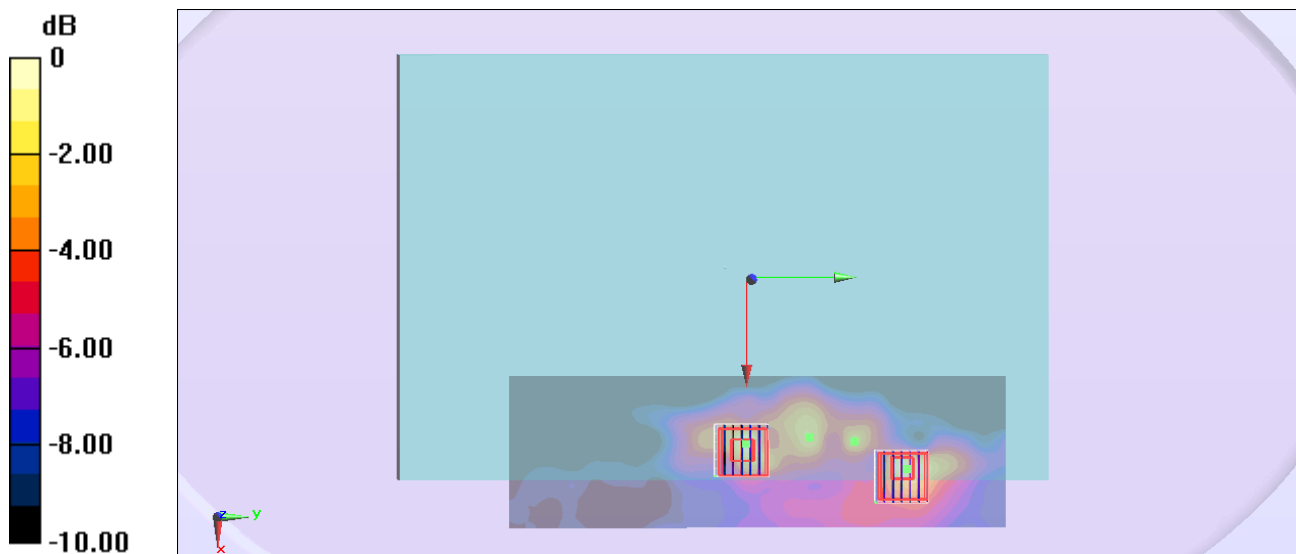
Configuration/Ch44/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$,
 $dz=1.4\text{mm}$

Reference Value = 6.234 V/m ; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.352 mW/g

SAR(1 g) = 0.100 mW/g ; SAR(10 g) = 0.051 mW/g

Maximum value of SAR (measured) = 0.216 mW/g



0 dB = 0.216 mW/g = -13.31 dB mW/g

#29_WLAN5G_802.11a_Edge1_0cm_Ch44;Ant 0+1**DUT: 312810-01**

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

Medium: MSL_5G_130201 Medium parameters used: $f = 5220$ MHz; $\sigma = 5.271$ mho/m; $\epsilon_r = 47.474$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.5°C ; Liquid Temperature : 21.5°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: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch44/Area Scan (61x151x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.796 mW/g

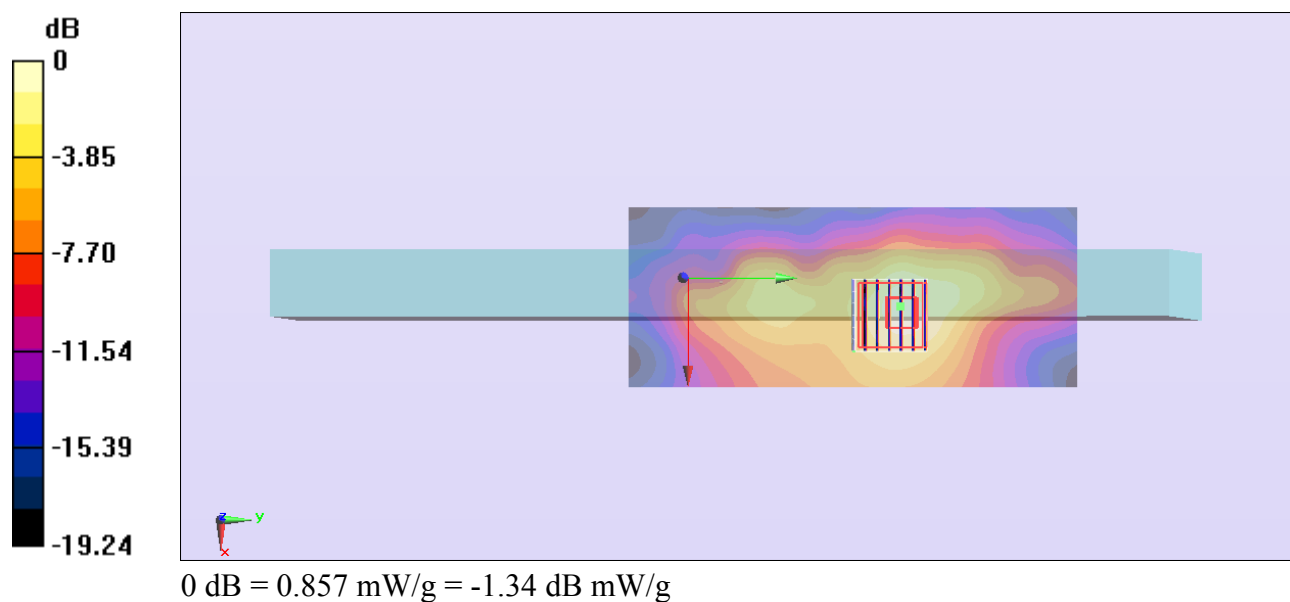
Configuration/Ch44/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 5.556 V/m ; Power Drift = -0.130 dB

Peak SAR (extrapolated) = 1.347 mW/g

SAR(1 g) = 0.407 mW/g ; SAR(10 g) = 0.170 mW/g

Maximum value of SAR (measured) = 0.857 mW/g



#30_WLAN5G_802.11n-HT40_Edge1_0cm_Ch46;Ant 0+1**DUT: 312810-01**

Communication System: 802.11n; Frequency: 5230 MHz; Duty Cycle: 1:1

Medium: MSL_5G_130131 Medium parameters used: $f = 5230$ MHz; $\sigma = 5.264$ mho/m; $\epsilon_r = 47.41$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.3°C ; Liquid Temperature : 21.3°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: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch46/Area Scan (61x181x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
Maximum value of SAR (interpolated) = 1.39 mW/g

Configuration/Ch46/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$,
 $dz=1.4\text{mm}$

Reference Value = 7.704 V/m ; Power Drift = -0.098 dB

Peak SAR (extrapolated) = 2.193 mW/g

SAR(1 g) = 0.631 mW/g ; SAR(10 g) = 0.248 mW/g

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

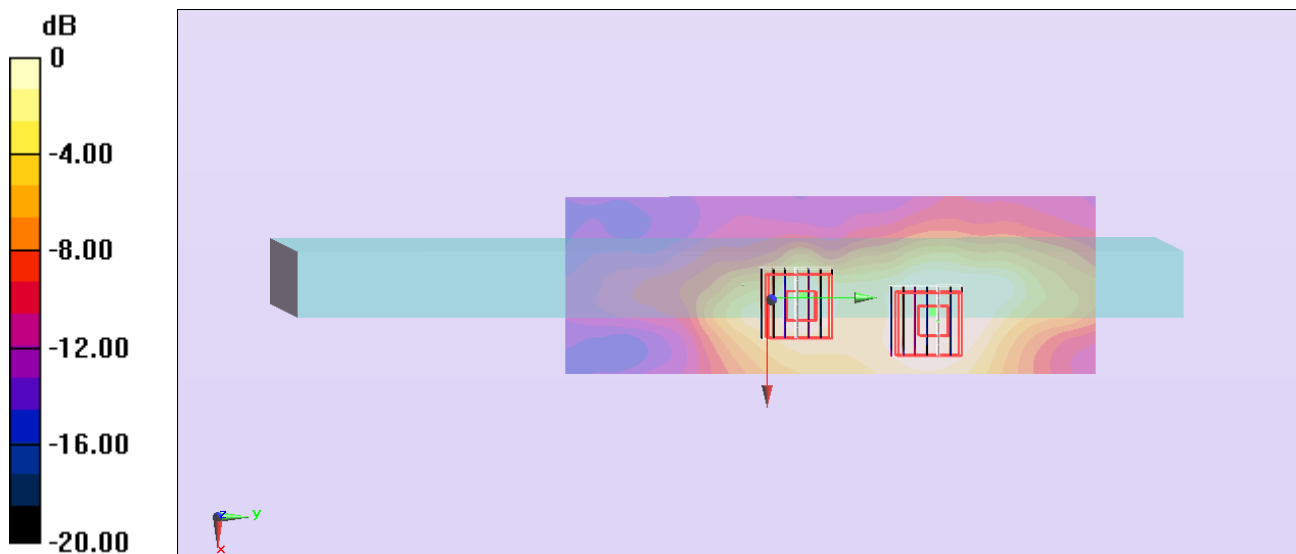
Configuration/Ch46/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$,
 $dz=1.4\text{mm}$

Reference Value = 7.704 V/m ; Power Drift = -0.098 dB

Peak SAR (extrapolated) = 1.334 mW/g

SAR(1 g) = 0.377 mW/g ; SAR(10 g) = 0.146 mW/g

Maximum value of SAR (measured) = 0.832 mW/g



#51_WLAN5G_802.11a_Bottom Face_0cm_Ch52;Ant 0+1**DUT: 312810-01**

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

Medium: MSL_5G_130131 Medium parameters used : $f = 5260$ MHz; $\sigma = 5.298$ mho/m; $\epsilon_r = 47.329$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); 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: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch52/Area Scan (71x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.555 mW/g

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

Reference Value = 10.608 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.900 mW/g

SAR(1 g) = 0.230 mW/g; SAR(10 g) = 0.070 mW/g

Maximum value of SAR (measured) = 0.587 mW/g

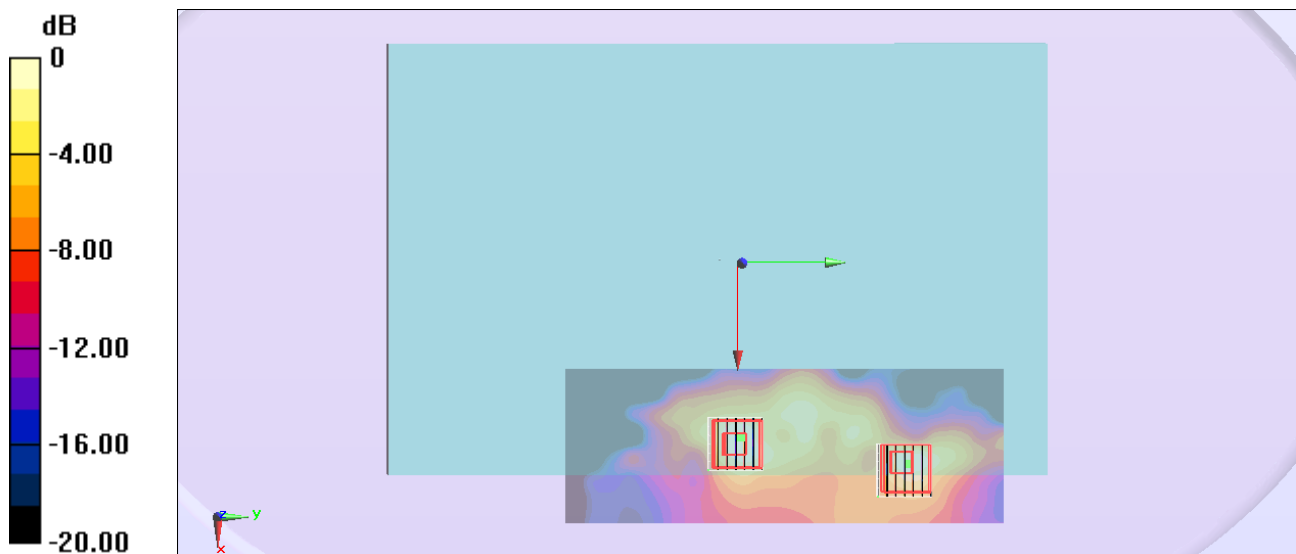
Configuration/Ch52/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.608 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.587 mW/g

SAR(1 g) = 0.152 mW/g; SAR(10 g) = 0.047 mW/g

Maximum value of SAR (measured) = 0.384 mW/g



#26_WLAN5G_802.11a_Edge1_0cm_Ch52;Ant 0+1**DUT: 312810-01**

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

Medium: MSL_5G_130201 Medium parameters used: $f = 5260$ MHz; $\sigma = 5.312$ mho/m; $\epsilon_r = 47.359$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); 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: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch52/Area Scan (61x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.19 mW/g

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

Reference Value = 12.181 V/m; Power Drift = -0.131 dB

Peak SAR (extrapolated) = 3.747 mW/g

SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.456 mW/g

Maximum value of SAR (measured) = 2.33 mW/g

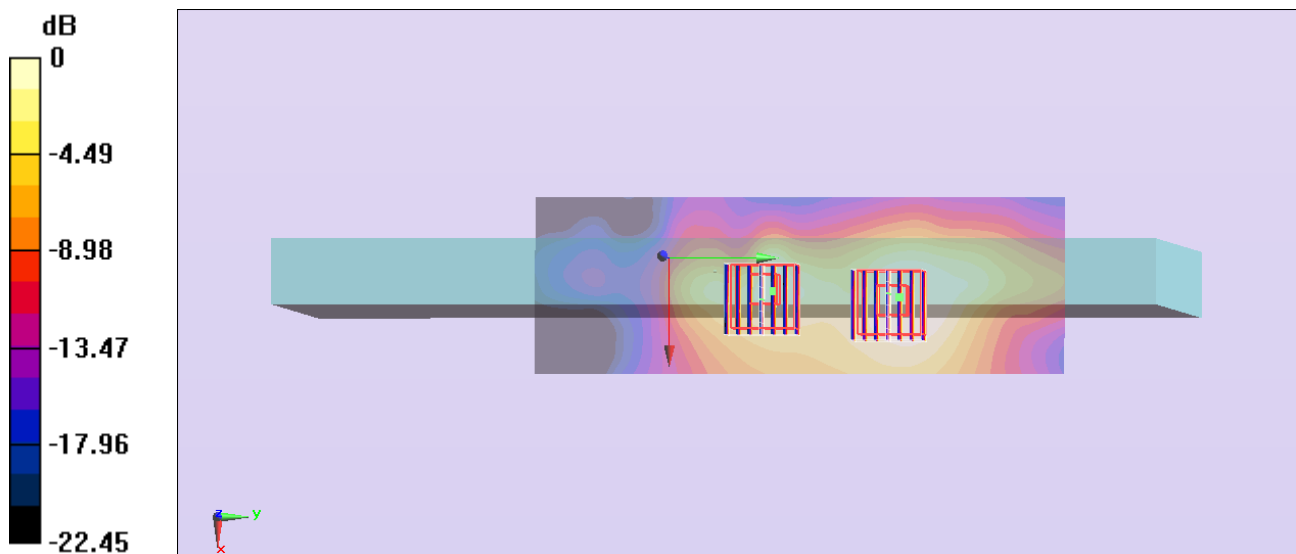
Configuration/Ch52/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 12.181 V/m; Power Drift = -0.131 dB

Peak SAR (extrapolated) = 2.789 mW/g

SAR(1 g) = 0.775 mW/g; SAR(10 g) = 0.313 mW/g

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



0 dB = 1.69 mW/g = 4.56 dB mW/g

#65_WLAN5G_802.11a_Edge1_0cm_Ch52;Ant 0+1_Repeat**DUT: 312810-01**

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

Medium: MSL_5G_130201 Medium parameters used : $f = 5260$ MHz; $\sigma = 5.312$ mho/m; $\epsilon_r = 47.359$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); 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: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch52/Area Scan (61x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.19 mW/g

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

Reference Value = 12.311 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 3.635 mW/g

SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.449 mW/g

Maximum value of SAR (measured) = 2.30 mW/g

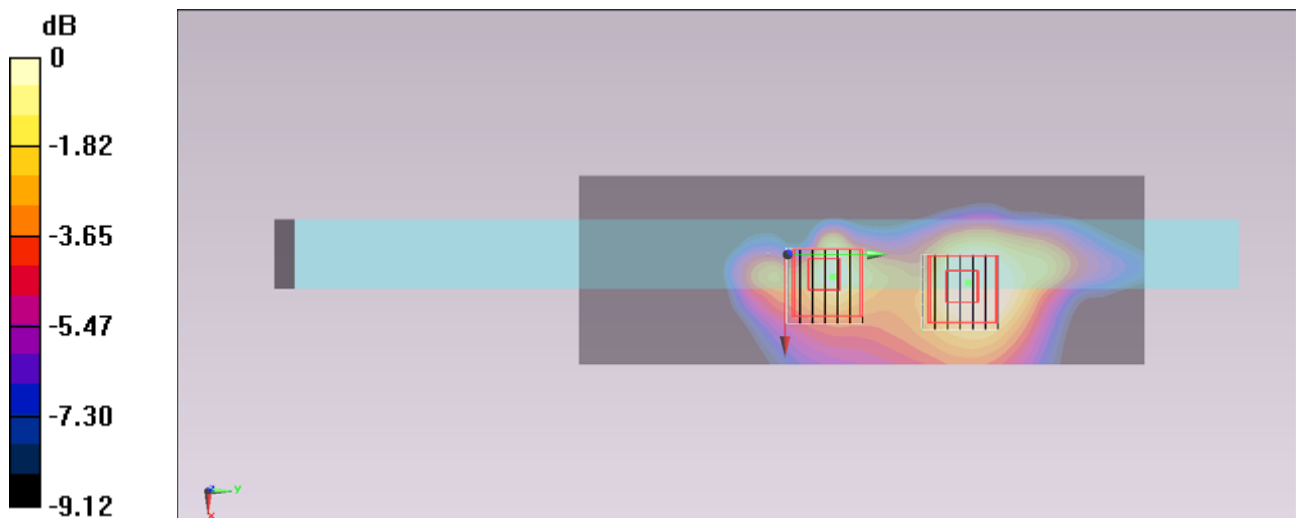
Configuration/Ch52/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 12.211 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 2.683 mW/g

SAR(1 g) = 0.768 mW/g; SAR(10 g) = 0.307 mW/g

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



0 dB = 1.61 mW/g = 4.49 dB mW/g

#27_WLAN5G_802.11a_Edge1_0cm_Ch60;Ant 0+1**DUT: 312810-01**

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1

Medium: MSL_5G_130201 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.393$ mho/m; $\epsilon_r = 47.275$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); 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: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch60/Area Scan (61x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.683 mW/g

Configuration/Ch60/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.772 V/m; Power Drift = -0.154 dB

Peak SAR (extrapolated) = 1.196 mW/g

SAR(1 g) = 0.351 mW/g; SAR(10 g) = 0.144 mW/g

Maximum value of SAR (measured) = 0.746 mW/g

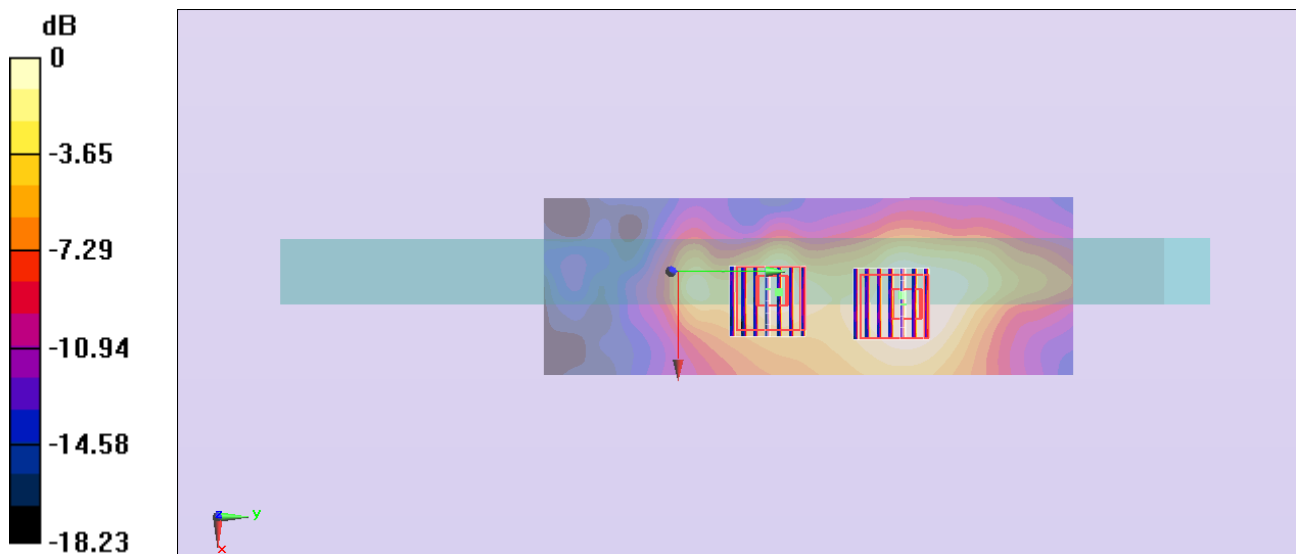
Configuration/Ch60/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.772 V/m; Power Drift = -0.154 dB

Peak SAR (extrapolated) = 0.789 mW/g

SAR(1 g) = 0.223 mW/g; SAR(10 g) = 0.094 mW/g

Maximum value of SAR (measured) = 0.468 mW/g



0 dB = 0.468 mW/g = -6.60 dB mW/g

#31_WLAN5G_802.11a_Bottom Face_0cm_Ch116;Ant 0+1**DUT: 312810-01**

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

Medium: MSL_5G_130131 Medium parameters used : $f = 5580$ MHz; $\sigma = 5.749$ mho/m; $\epsilon_r = 46.826$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); 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: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch116/Area Scan (71x201x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
Maximum value of SAR (interpolated) = 0.447 mW/g

Configuration/Ch116/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$,
 $dz=1.4\text{mm}$

Reference Value = 9.360 V/m ; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.708 mW/g

SAR(1 g) = 0.166 mW/g ; SAR(10 g) = 0.049 mW/g

Maximum value of SAR (measured) = 0.436 mW/g

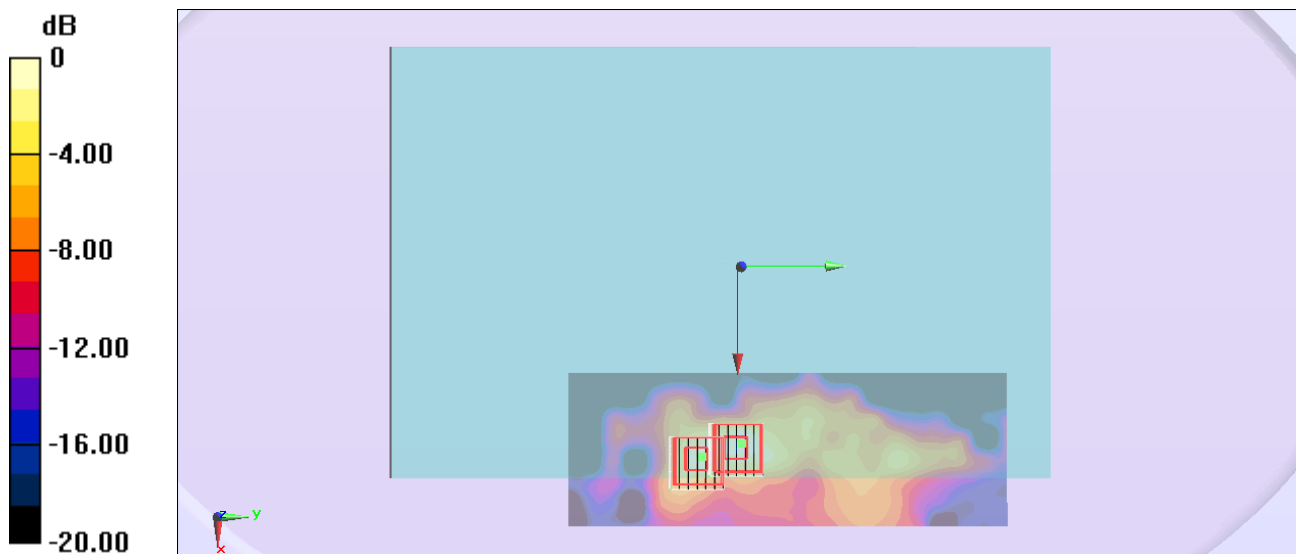
Configuration/Ch116/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$,
 $dz=1.4\text{mm}$

Reference Value = 9.360 V/m ; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.636 mW/g

SAR(1 g) = 0.145 mW/g ; SAR(10 g) = 0.043 mW/g

Maximum value of SAR (measured) = 0.384 mW/g



#32_WLAN5G_802.11a_Edge1_0cm_Ch116;Ant 0+1**DUT: 312810-01**

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

Medium: MSL_5G_130201 Medium parameters used: $f = 5580$ MHz; $\sigma = 5.764$ mho/m; $\epsilon_r = 46.85$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); 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: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch116/Area Scan (61x151x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

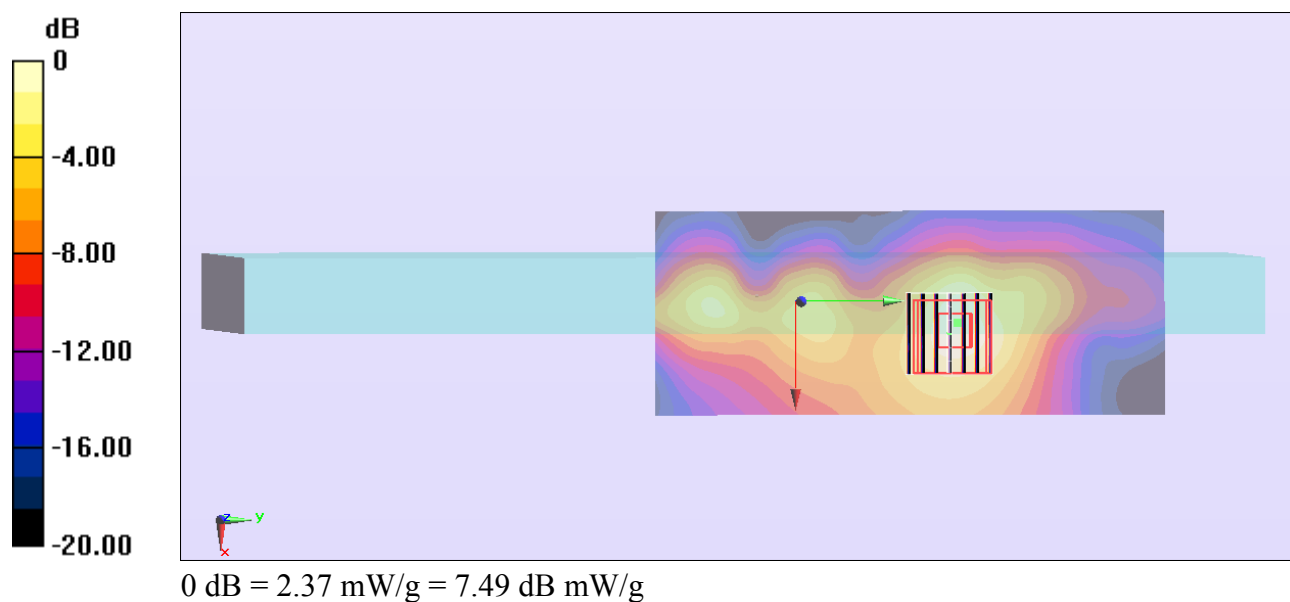
Configuration/Ch116/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 8.598 V/m ; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 4.033 mW/g

SAR(1 g) = 1.06 mW/g ; SAR(10 g) = 0.407 mW/g

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



#37_WLAN5G_802.11a_Edge1_0cm_Ch104;Ant 0+1**DUT: 312810-01**

Communication System: 802.11a; Frequency: 5520 MHz; Duty Cycle: 1:1

Medium: MSL_5G_130131 Medium parameters used : $f = 5520$ MHz; $\sigma = 5.664$ mho/m; $\epsilon_r = 46.967$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); 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: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch104/Area Scan (61x181x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.86 mW/g

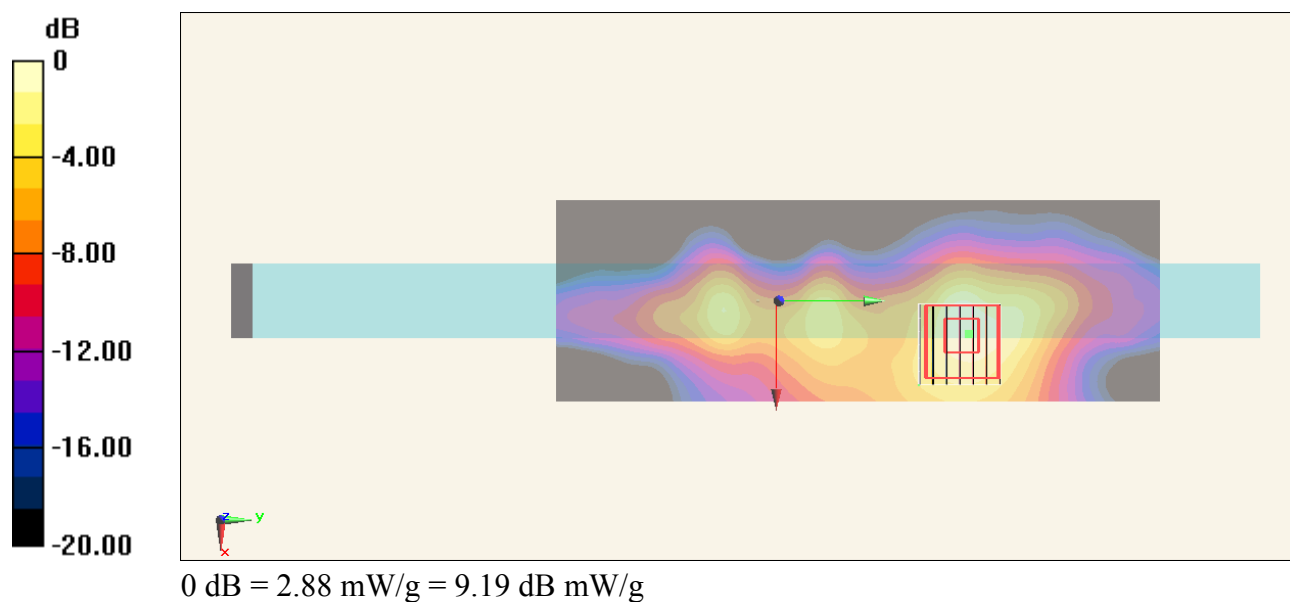
Configuration/Ch104/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.061 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 4.846 mW/g

SAR(1 g) = 1.26 mW/g; SAR(10 g) = 0.484 mW/g

Maximum value of SAR (measured) = 2.88 mW/g



#38_WLAN5G_802.11a_Edge1_0cm_Ch136;Ant 0+1**DUT: 312810-01**

Communication System: 802.11a; Frequency: 5680 MHz; Duty Cycle: 1:1

Medium: MSL_5G_130131 Medium parameters used: $f = 5680$ MHz; $\sigma = 5.916$ mho/m; $\epsilon_r = 46.656$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); 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: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch136/Area Scan (61x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.17 mW/g

Configuration/Ch136/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.460 V/m; Power Drift = -0.073 dB

Peak SAR (extrapolated) = 3.762 mW/g

SAR(1 g) = 0.921 mW/g; SAR(10 g) = 0.350 mW/g

Maximum value of SAR (measured) = 2.17 mW/g

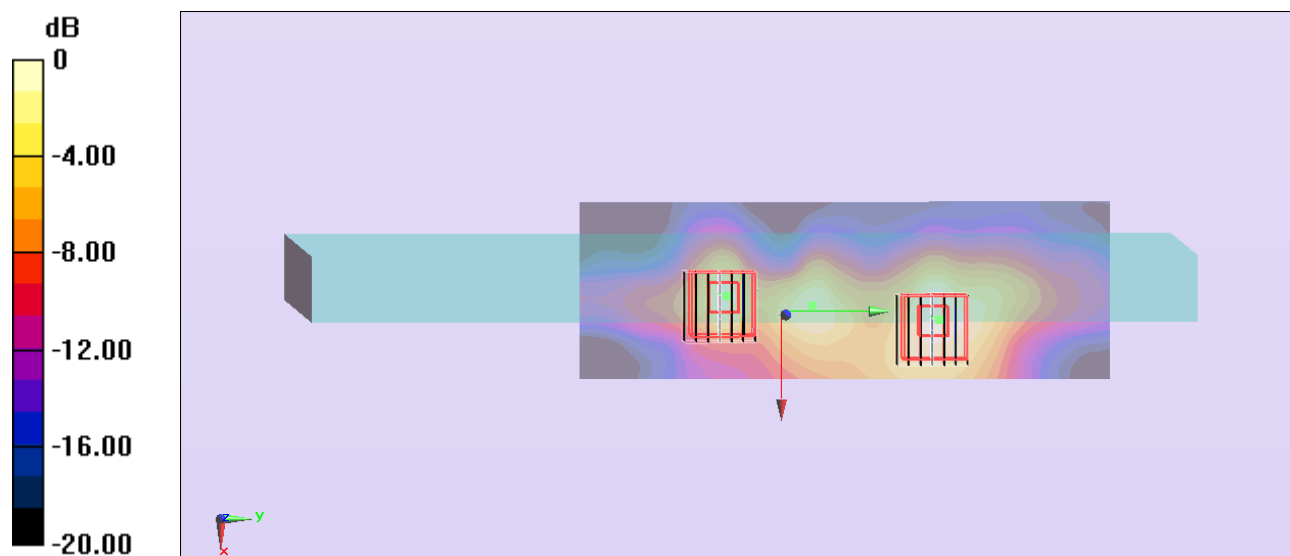
Configuration/Ch136/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.460 V/m; Power Drift = -0.073 dB

Peak SAR (extrapolated) = 3.927 mW/g

SAR(1 g) = 0.876 mW/g; SAR(10 g) = 0.231 mW/g

Maximum value of SAR (measured) = 2.22 mW/g



#42_WLAN5G_802.11n-HT40_Edge1_0cm_Ch110;Ant 0+1**DUT: 312810-01**

Communication System: 802.11n; Frequency: 5550 MHz; Duty Cycle: 1:1

Medium: MSL_5G_130131 Medium parameters used: $f = 5550$ MHz; $\sigma = 5.712$ mho/m; $\epsilon_r = 46.929$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); 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: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch110/Area Scan (61x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.88 mW/g

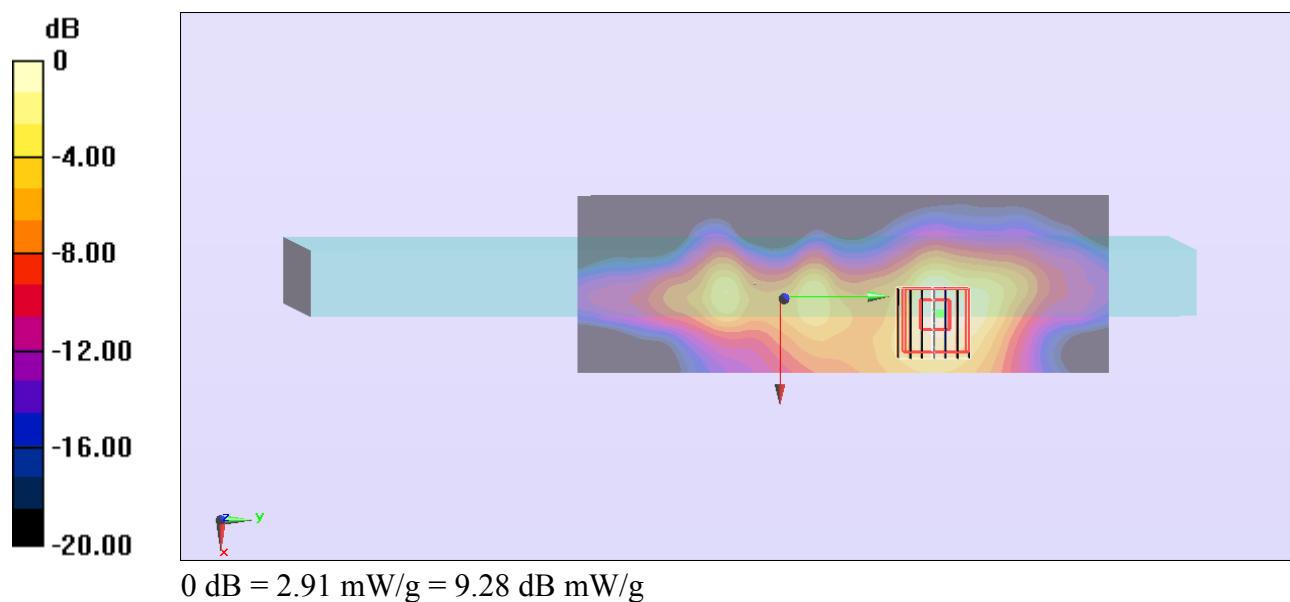
Configuration/Ch110/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.066 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 4.892 mW/g

SAR(1 g) = 1.27 mW/g; SAR(10 g) = 0.489 mW/g

Maximum value of SAR (measured) = 2.91 mW/g



#50_WLAN5G_802.11n-HT40_Edge1_0cm_Ch110;Ant 0+1_Repeat**DUT: 312810-01**

Communication System: 802.11n; Frequency: 5550 MHz; Duty Cycle: 1:1

Medium: MSL_5G_130202 Medium parameters used: $f = 5550$ MHz; $\sigma = 5.583$ mho/m; $\epsilon_r = 46.956$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); 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: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch110/Area Scan (61x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.90 mW/g

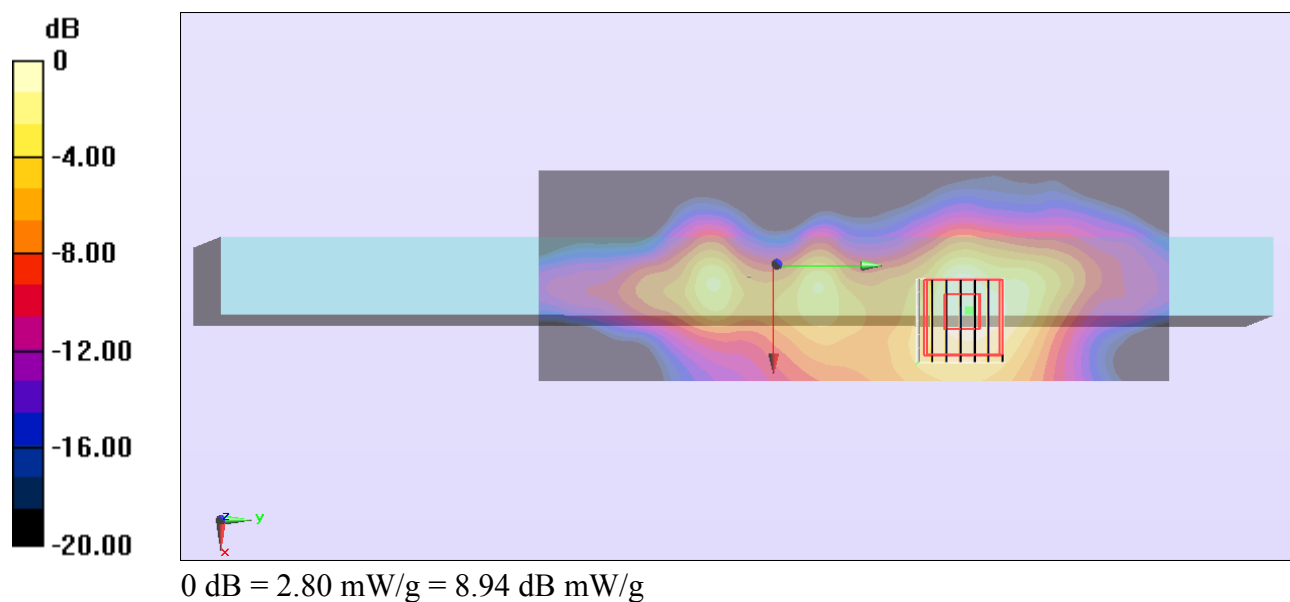
Configuration/Ch110/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.117 V/m; Power Drift = -0.150 dB

Peak SAR (extrapolated) = 4.701 mW/g

SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.477 mW/g

Maximum value of SAR (measured) = 2.80 mW/g



#43_WLAN5G_802.11n-HT40_Edge1_0cm_Ch102;Ant 0+1**DUT: 312810-01**

Communication System: 802.11n; Frequency: 5510 MHz; Duty Cycle: 1:1

Medium: MSL_5G_130131 Medium parameters used: $f = 5510$ MHz; $\sigma = 5.647$ mho/m; $\epsilon_r = 46.979$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); 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: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch102/Area Scan (61x181x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
Maximum value of SAR (interpolated) = 0.697 mW/g

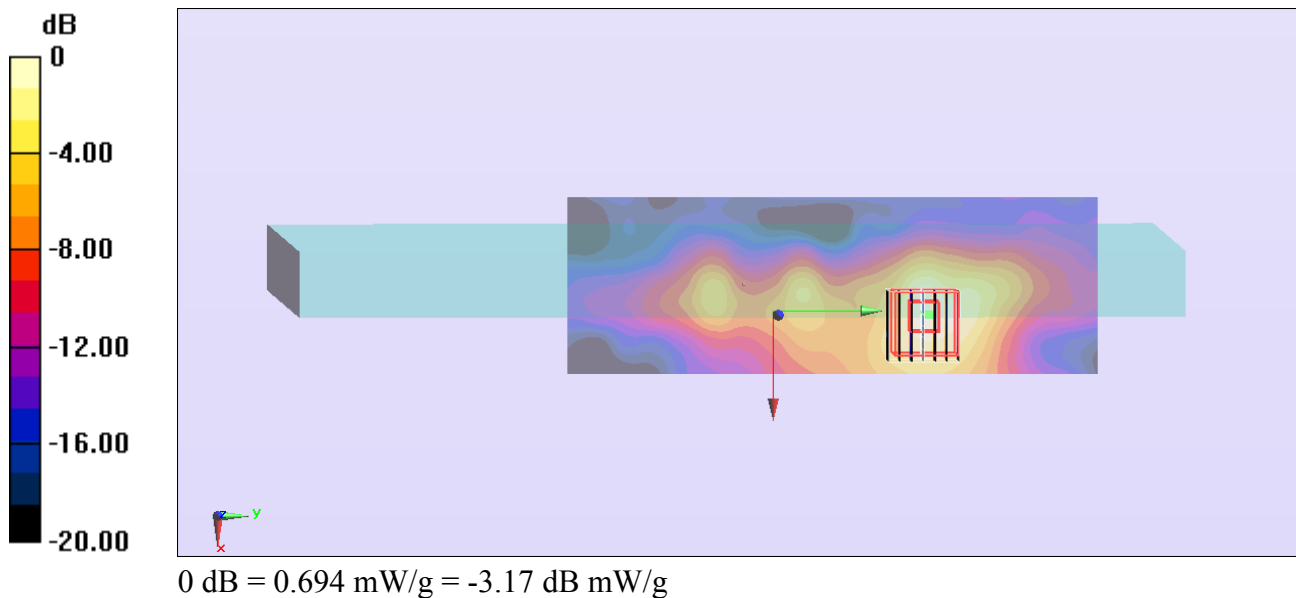
Configuration/Ch102/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$,
 $dz=1.4\text{mm}$

Reference Value = 4.007 V/m ; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.184 mW/g

SAR(1 g) = 0.301 mW/g ; SAR(10 g) = 0.113 mW/g

Maximum value of SAR (measured) = 0.694 mW/g



#44_WLAN5G_802.11n-HT40_Edge1_0cm_Ch134;Ant 0+1**DUT: 312810-01**

Communication System: 802.11n; Frequency: 5670 MHz; Duty Cycle: 1:1

Medium: MSL_5G_130131 Medium parameters used: $f = 5670$ MHz; $\sigma = 5.902$ mho/m; $\epsilon_r = 46.671$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); 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: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch134/Area Scan (61x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.40 mW/g

Configuration/Ch134/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.178 V/m; Power Drift = -0.038 dB

Peak SAR (extrapolated) = 2.173 mW/g

SAR(1 g) = 0.552 mW/g; SAR(10 g) = 0.200 mW/g

Maximum value of SAR (measured) = 1.27 mW/g

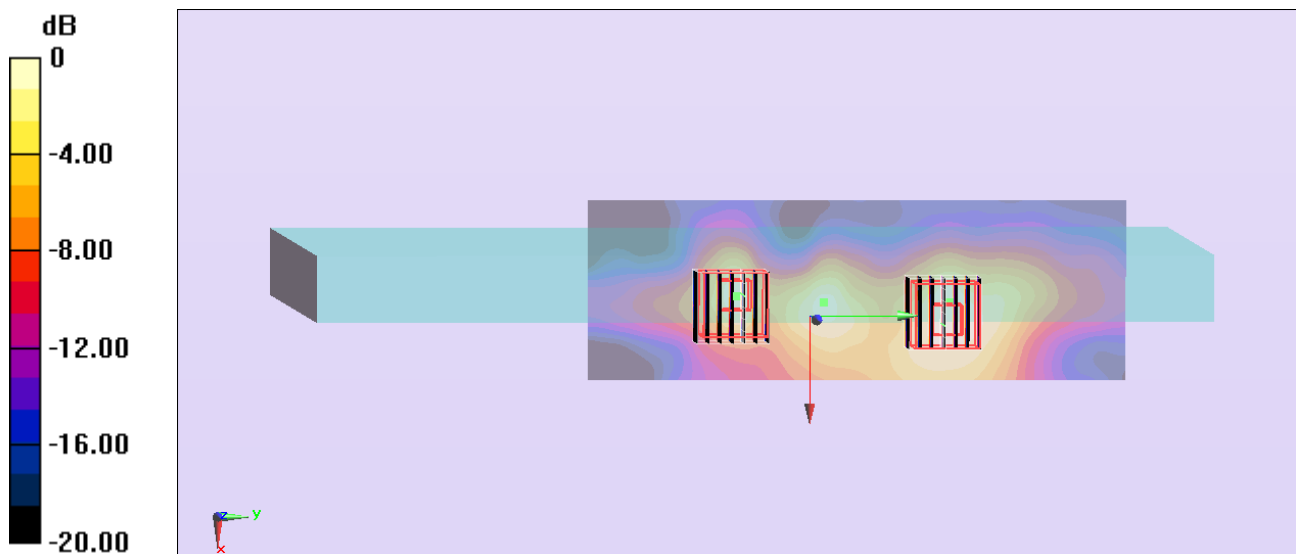
Configuration/Ch134/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.178 V/m; Power Drift = -0.038 dB

Peak SAR (extrapolated) = 2.262 mW/g

SAR(1 g) = 0.505 mW/g; SAR(10 g) = 0.130 mW/g

Maximum value of SAR (measured) = 1.29 mW/g



#52_WLAN5G_802.11a_Bottom Face_0cm_Ch153;Ant 0+1**DUT: 312810-01**

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

Medium: MSL_5G_130131 Medium parameters used : $f = 5765$ MHz; $\sigma = 6.096$ mho/m; $\epsilon_r = 46.613$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C ; Liquid Temperature : 21.3 °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: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch153/Area Scan (71x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.252 mW/g

Configuration/Ch153/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.053 V/m; Power Drift = -0.128 dB

Peak SAR (extrapolated) = 0.357 mW/g

SAR(1 g) = 0.070 mW/g; SAR(10 g) = 0.020 mW/g

Maximum value of SAR (measured) = 0.224 mW/g

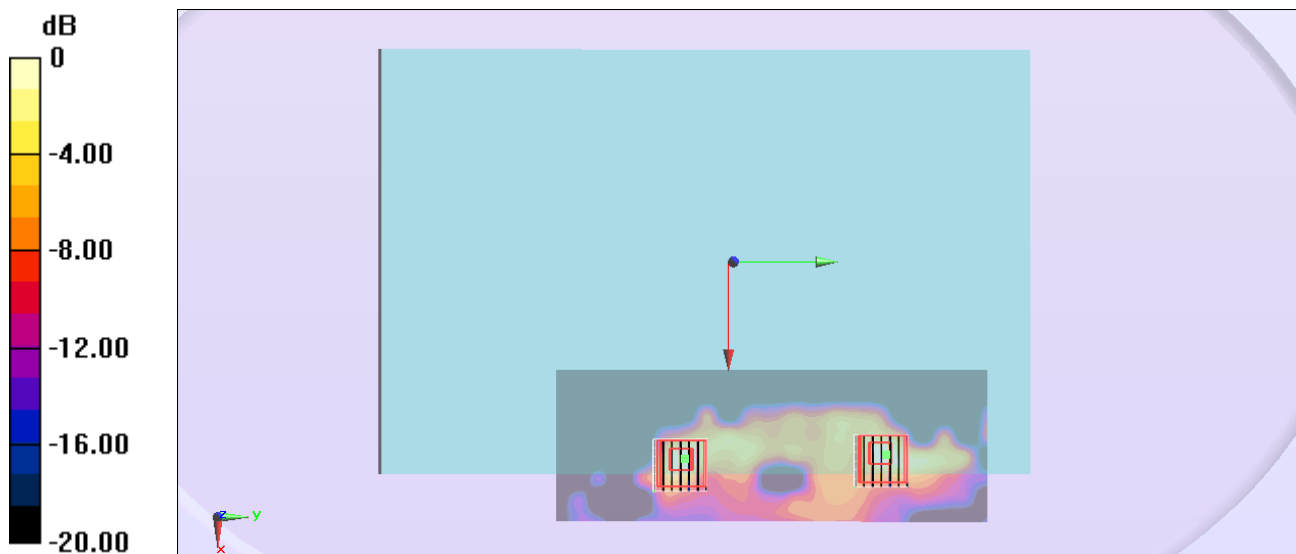
Configuration/Ch153/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.053 V/m; Power Drift = -0.128 dB

Peak SAR (extrapolated) = 0.338 mW/g

SAR(1 g) = 0.070 mW/g; SAR(10 g) = 0.018 mW/g

Maximum value of SAR (measured) = 0.219 mW/g



0 dB = 0.219 mW/g = -13.19 dB mW/g

#45_WLAN5G_802.11a_Edge1_0cm_Ch153;Ant 0+1**DUT: 312810-01**

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

Medium: MSL_5G_130131 Medium parameters used: $f = 5765$ MHz; $\sigma = 6.096$ mho/m; $\epsilon_r = 46.613$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.3 °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: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch153/Area Scan (61x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.12 mW/g

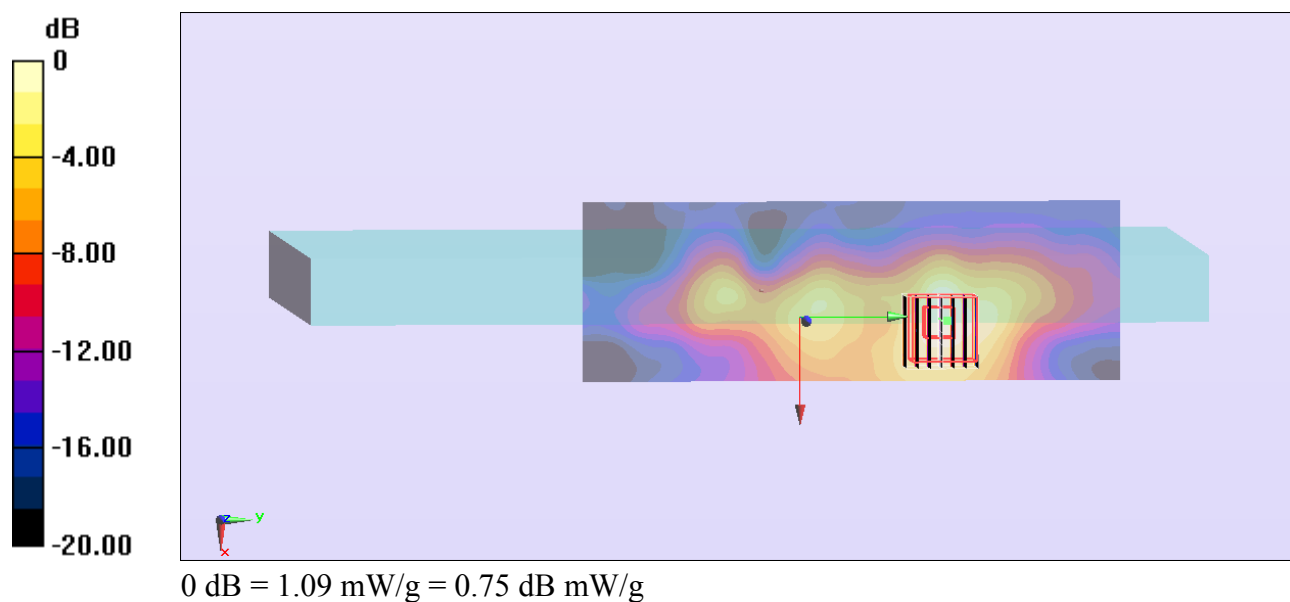
Configuration/Ch153/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.756 V/m; Power Drift = -0.047 dB

Peak SAR (extrapolated) = 1.820 mW/g

SAR(1 g) = 0.460 mW/g; SAR(10 g) = 0.172 mW/g

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



#46_WLAN5G_802.11n-HT20_Edge1_0cm_Ch157;Ant 0+1**DUT: 312810-01**

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

Medium: MSL_5G_130131 Medium parameters used: $f = 5785$ MHz; $\sigma = 6.113$ mho/m; $\epsilon_r = 46.528$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.3 °C; Liquid Temperature : 21.3 °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: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch157/Area Scan (61x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.67 mW/g

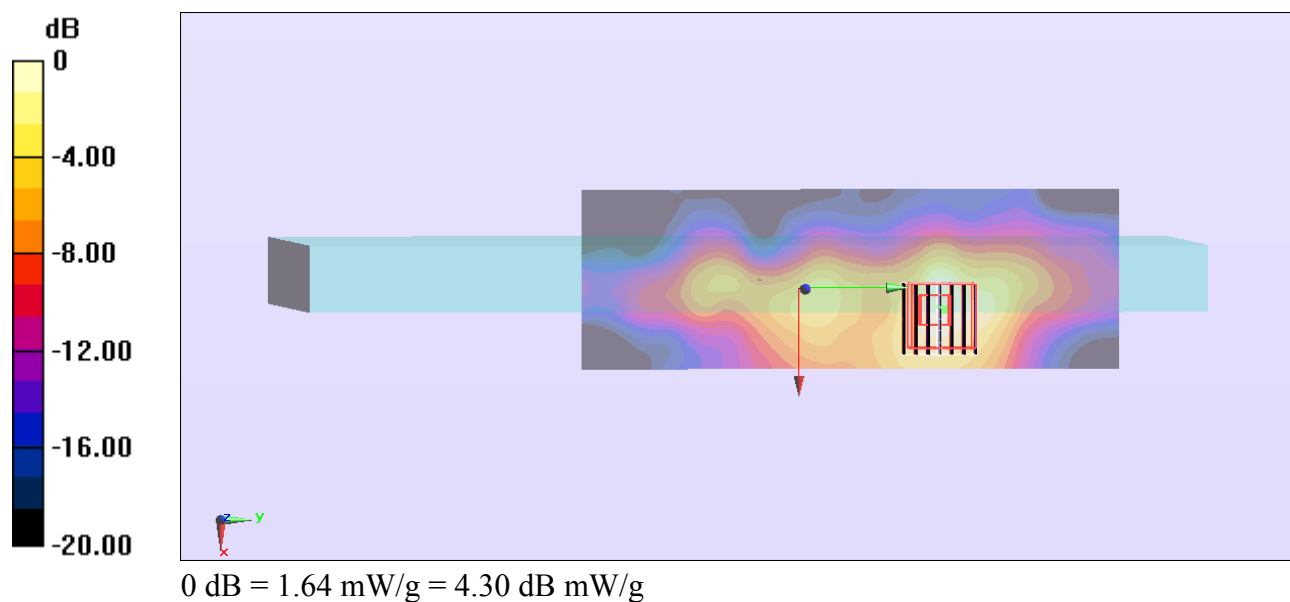
Configuration/Ch157/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.836 V/m; Power Drift = -0.066 dB

Peak SAR (extrapolated) = 2.727 mW/g

SAR(1 g) = 0.696 mW/g; SAR(10 g) = 0.263 mW/g

Maximum value of SAR (measured) = 1.64 mW/g



#47_WLAN5G_802.11n-HT40_Edge1_0cm_Ch151;Ant 0+1**DUT: 312810-01**

Communication System: 802.11n; Frequency: 5755 MHz; Duty Cycle: 1:1

Medium: MSL_5G_130131 Medium parameters used : $f = 5755$ MHz; $\sigma = 6.087$ mho/m; $\epsilon_r = 46.656$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.3°C ; Liquid Temperature : 21.3°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: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch151/Area Scan (61x181x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 1.88 mW/g

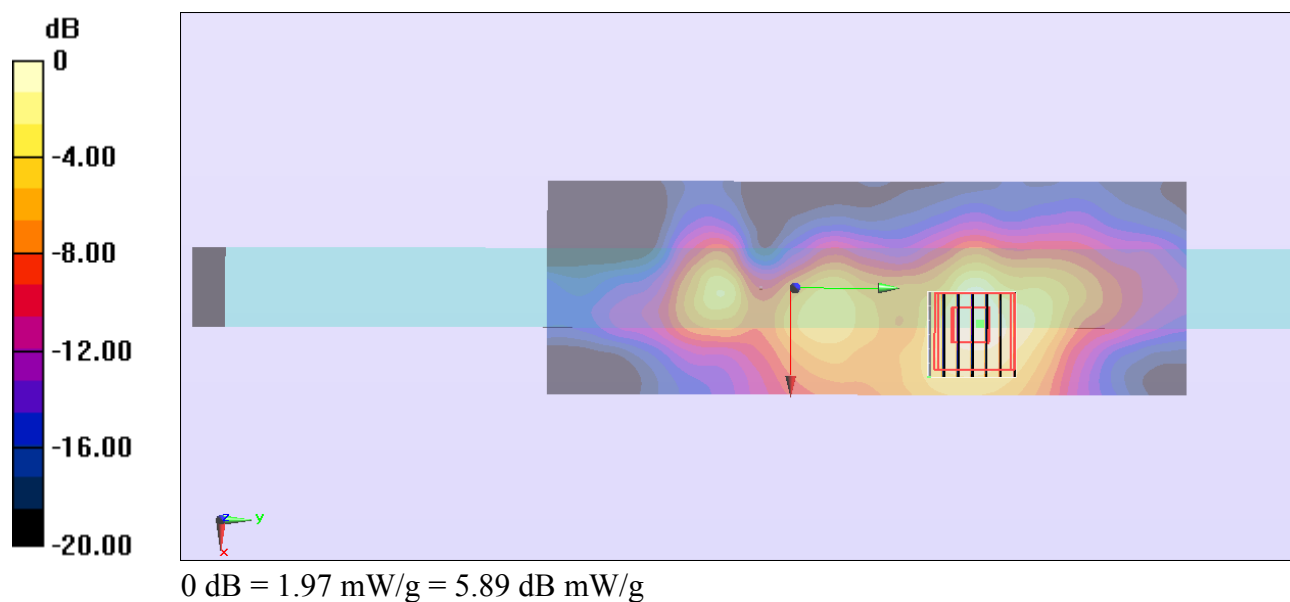
Configuration/Ch151/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 7.681 V/m ; Power Drift = -0.194 dB

Peak SAR (extrapolated) = 3.246 mW/g

SAR(1 g) = 0.843 mW/g ; SAR(10 g) = 0.317 mW/g

Maximum value of SAR (measured) = 1.97 mW/g



#66_WLAN5G_802.11n-HT40_Edge1_0cm_Ch151;Ant 0+1_Repeat**DUT: 312810-01**

Communication System: 802.11n; Frequency: 5755 MHz; Duty Cycle: 1:1

Medium: MSL_5G_130131 Medium parameters used : $f = 5755$ MHz; $\sigma = 6.087$ mho/m; $\epsilon_r = 46.656$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.3°C ; Liquid Temperature : 21.3°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: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch151/Area Scan (61x181x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 1.73 mW/g

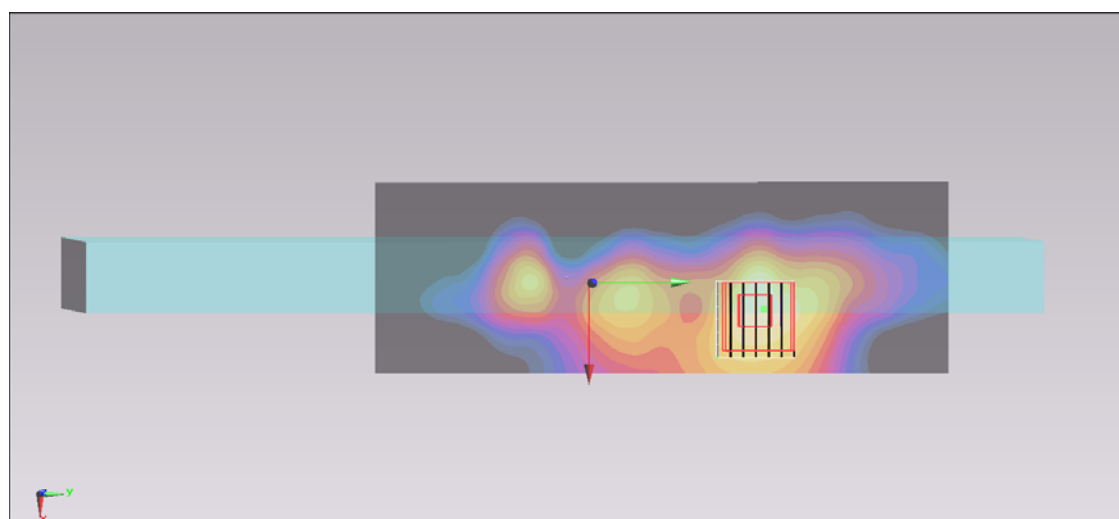
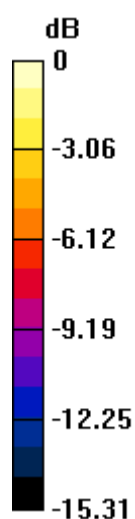
Configuration/Ch151/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 7.531 V/m ; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 3.115 mW/g

SAR(1 g) = 0.839 mW/g ; SAR(10 g) = 0.311 mW/g

Maximum value of SAR (measured) = 1.83 mW/g



#48_WLAN5G_802.11n-HT40_Edge1_0cm_Ch159;Ant 0+1**DUT: 312810-01**

Communication System: 802.11n; Frequency: 5795 MHz; Duty Cycle: 1:1

Medium: MSL_5G_130202 Medium parameters used : $f = 5795$ MHz; $\sigma = 5.976$ mho/m; $\epsilon_r = 46.536$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.3°C ; Liquid Temperature : 21.3°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: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch159/Area Scan (61x181x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 1.67 mW/g

Configuration/Ch159/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 8.923 V/m ; Power Drift = -0.128 dB

Peak SAR (extrapolated) = 3.014 mW/g

SAR(1 g) = 0.758 mW/g ; SAR(10 g) = 0.284 mW/g

Maximum value of SAR (measured) = 1.80 mW/g

