



Appendix B. Plots of SAR Measurement

The plots are shown as follows.

#01_WLAN2.4G_802.11b_Bottom Face_0cm_Ch6;Ant 1**DUT: 313102**

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

Medium: MSL_2450_130307 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.951$ mho/m; $\epsilon_r = 52.324$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch6/Area Scan (101x201x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.709 mW/g

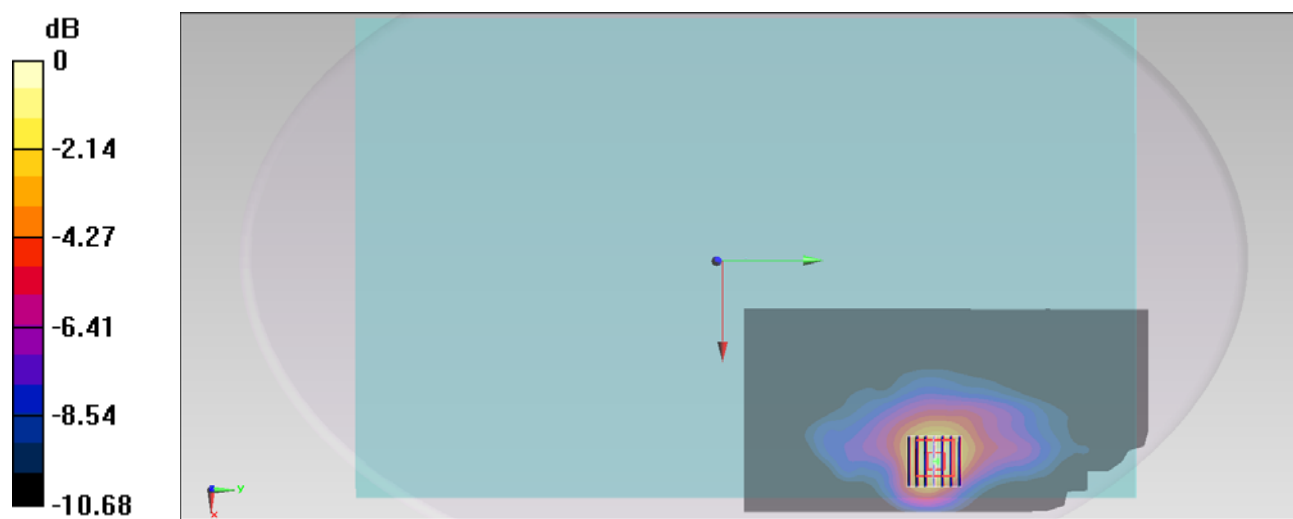
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.413 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.084 mW/g

SAR(1 g) = 0.562 mW/g; SAR(10 g) = 0.308 mW/g

Maximum value of SAR (measured) = 0.699 mW/g



#02_WLAN2.4G_802.11b_Edge1_0cm_Ch6;Ant 1**DUT: 313102**

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

Medium: MSL_2450_130307 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.951$ mho/m; $\epsilon_r = 52.324$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch6/Area Scan (51x201x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.658 mW/g

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

Reference Value = 19.083 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.476 mW/g

SAR(1 g) = 0.543 mW/g; SAR(10 g) = 0.244 mW/g

Maximum value of SAR (measured) = 0.902 mW/g

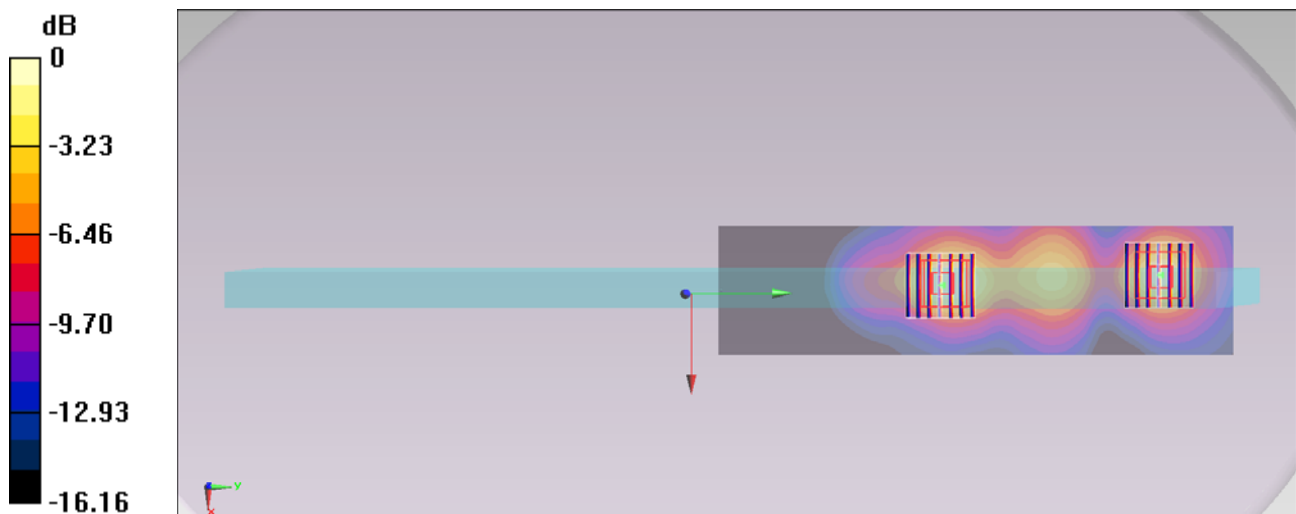
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.083 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.767 mW/g

SAR(1 g) = 0.353 mW/g; SAR(10 g) = 0.172 mW/g

Maximum value of SAR (measured) = 0.531 mW/g



0 dB = 0.531 mW/g = -5.50 dB mW/g

#03_WLAN2.4G_802.11b_Bottom Face_0cm_Ch6;Ant 0+1**DUT: 313102**

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

Medium: MSL_2450_130307 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.951$ mho/m; $\epsilon_r = 52.324$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch6/Area Scan (101x401x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.615 mW/g

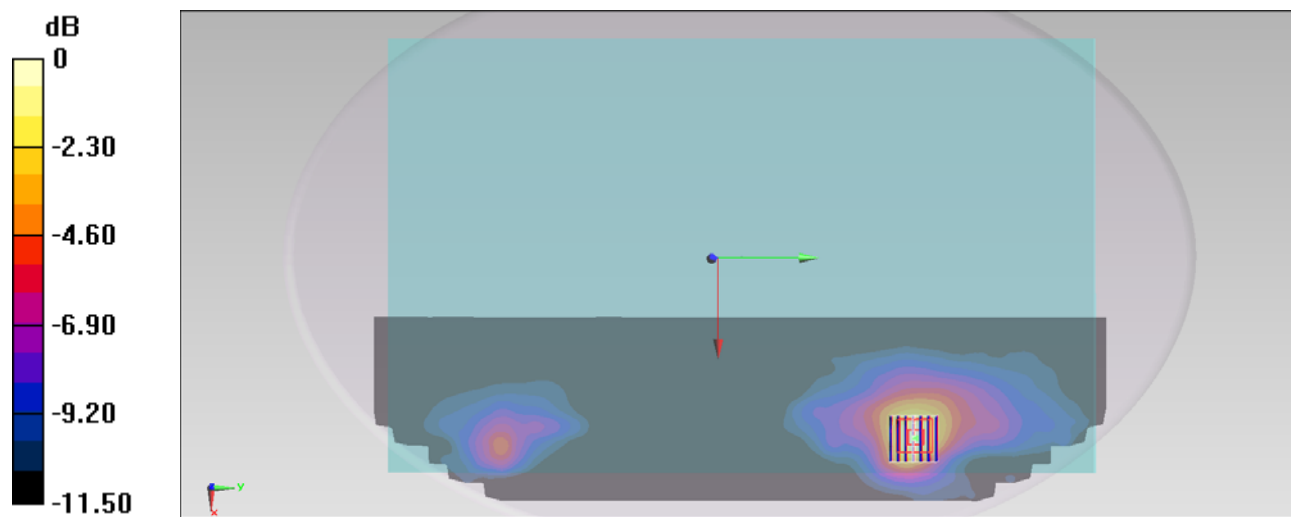
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.251 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.943 mW/g

SAR(1 g) = 0.492 mW/g; SAR(10 g) = 0.271 mW/g

Maximum value of SAR (measured) = 0.608 mW/g



#04_WLAN2.4G_802.11b_Edge 1_0cm_Ch6;Ant 0+1**DUT: 313102**

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

Medium: MSL_2450_130307 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.951$ mho/m; $\epsilon_r = 52.324$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch6/Area Scan (51x401x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.561 mW/g

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

Reference Value = 17.671 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.956 mW/g

SAR(1 g) = 0.437 mW/g; SAR(10 g) = 0.208 mW/g

Maximum value of SAR (measured) = 0.577 mW/g

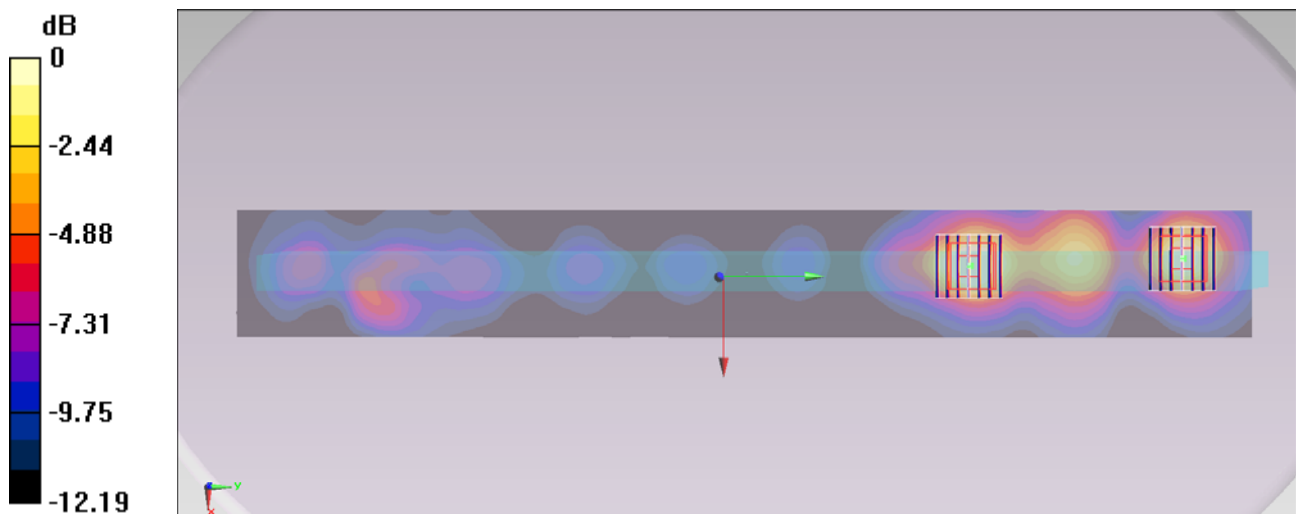
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.671 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.568 mW/g

SAR(1 g) = 0.290 mW/g; SAR(10 g) = 0.150 mW/g

Maximum value of SAR (measured) = 0.366 mW/g



0 dB = 0.366 mW/g = -8.73 dB mW/g

#07_WLAN2.4G_802.11b_Edge4_0cm_Ch6;Ant 0+1**DUT: 313102**

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

Medium: MSL_2450_130307 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.951$ mho/m; $\epsilon_r = 52.324$; ρ

$= 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch6/Area Scan (51x251x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0614 mW/g

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

Reference Value = 2.085 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.075 mW/g

SAR(1 g) = 0.038 mW/g; SAR(10 g) = 0.023 mW/g

Maximum value of SAR (measured) = 0.0458 mW/g

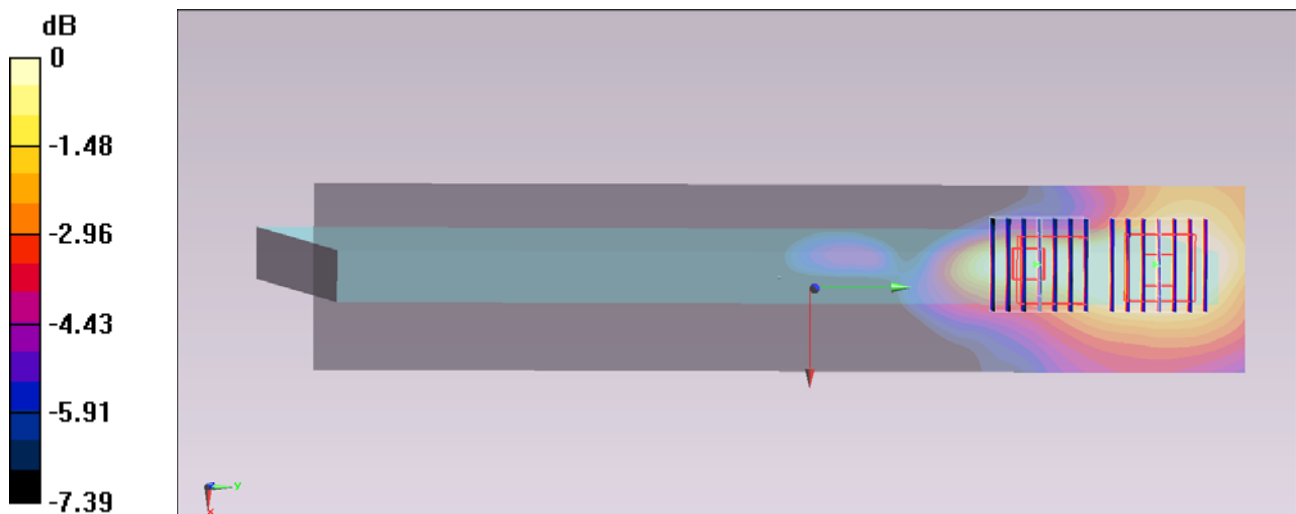
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.085 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.055 mW/g

SAR(1 g) = 0.027 mW/g; SAR(10 g) = 0.016 mW/g

Maximum value of SAR (measured) = 0.0336 mW/g



0 dB = 0.0336 mW/g = -29.47 dB mW/g

#10_WLAN5G_802.11a_Bottom Face_0cm_Ch48;Ant 1**DUT: 313102**

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

Medium: MSL_5G_130308 Medium parameters used: $f = 5240$ MHz; $\sigma = 5.355$ S/m; $\epsilon_r = 47.392$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Configuration/Ch48/Area Scan (121x241x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.378 W/kg

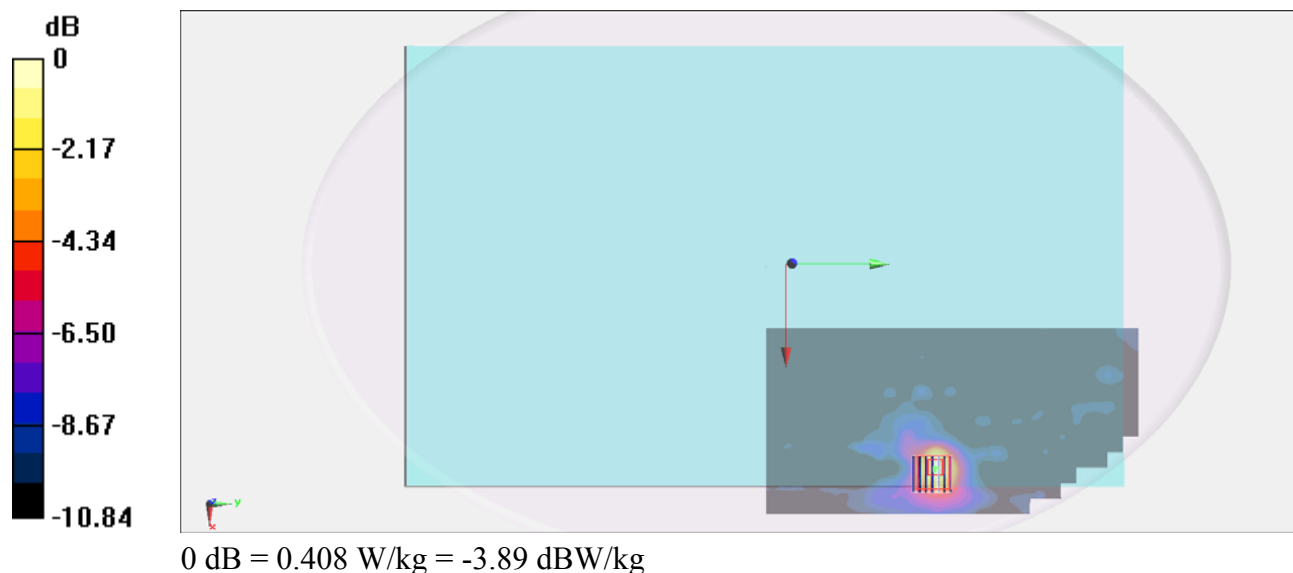
Configuration/Ch48/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.338 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.660 W/kg

SAR(1 g) = 0.206 W/kg; SAR(10 g) = 0.099 W/kg

Maximum value of SAR (measured) = 0.408 W/kg



#11_WLAN5G_802.11a_Edge1_0cm_Ch48;Ant 1**DUT: 313102**

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

Medium: MSL_5G_130308 Medium parameters used: $f = 5240$ MHz; $\sigma = 5.355$ S/m; $\epsilon_r = 47.392$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Configuration/Ch48/Area Scan (61x211x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 1.70 W/kg

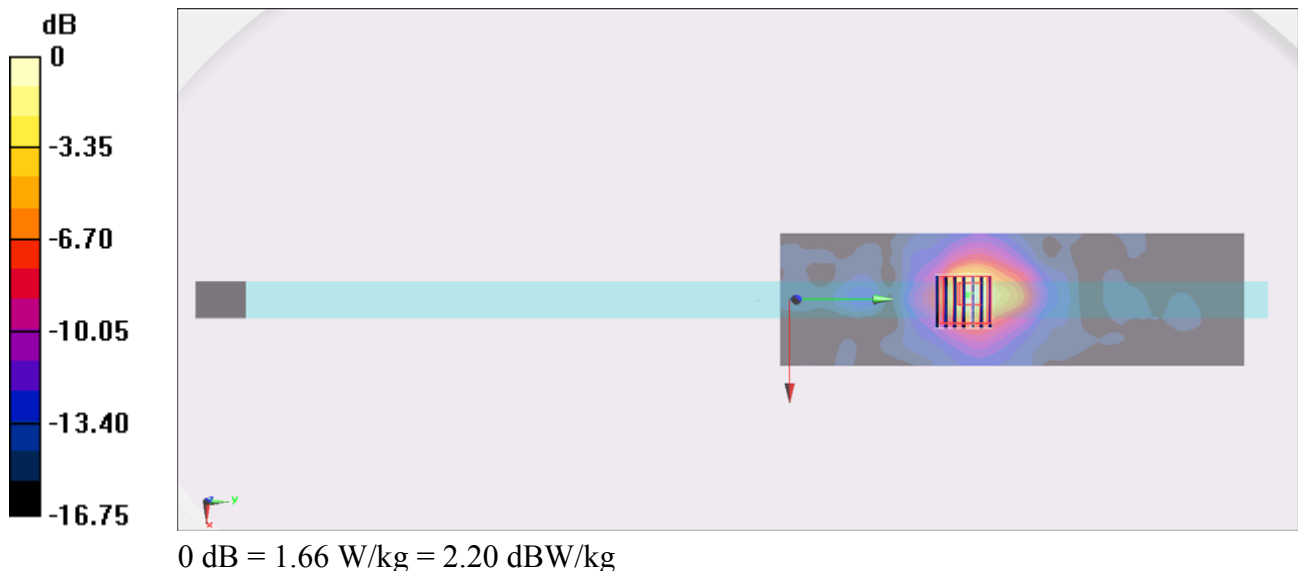
Configuration/Ch48/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 19.672 V/m ; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.69 W/kg

SAR(1 g) = 0.709 W/kg ; SAR(10 g) = 0.241 W/kg

Maximum value of SAR (measured) = 1.66 W/kg



#59_WLAN5G_802.11a_Bottom Face_0cm_Ch52;Ant 1**DUT: 313102**

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

Medium: MSL_5G_130315 Medium parameters used: $f = 5260$ MHz; $\sigma = 5.395$ S/m; $\epsilon_r = 47.311$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.1°C ; Liquid Temperature : 21.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Configuration/Ch52/Area Scan (81x181x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 0.815 W/kg

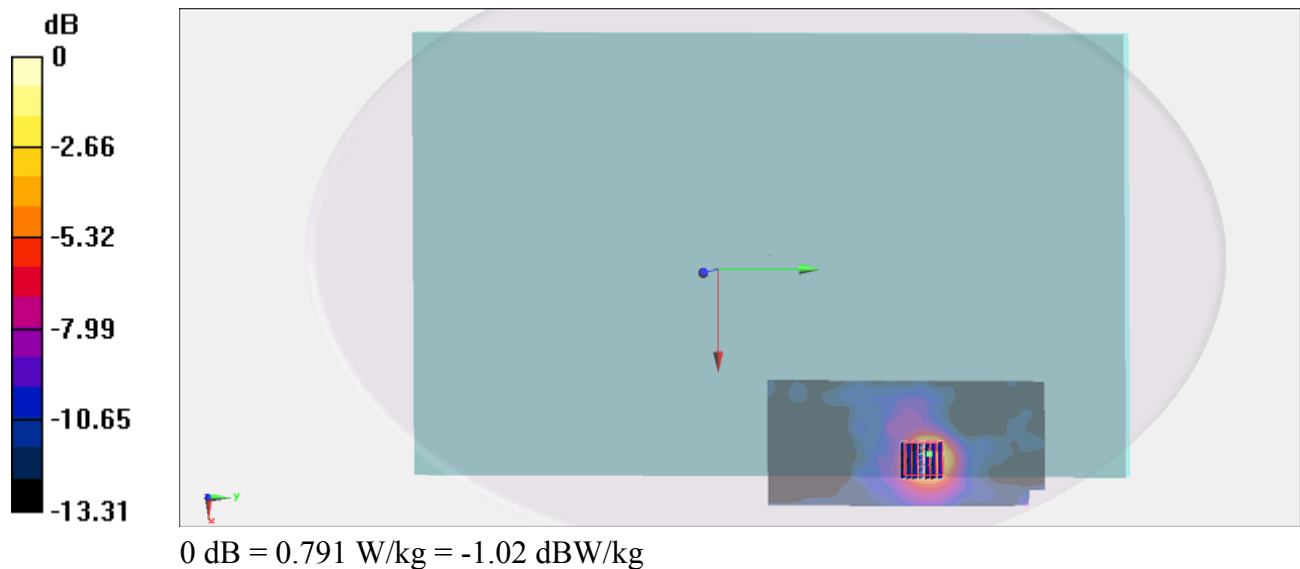
Configuration/Ch52/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$,
 $dz=1.4\text{mm}$

Reference Value = 2.457 V/m ; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.385 W/kg ; SAR(10 g) = 0.169 W/kg

Maximum value of SAR (measured) = 0.791 W/kg



#60_WLAN5G_802.11a_Edge1_0cm_Ch52;Ant 1**DUT: 313102**

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

Medium: MSL_5G_130315 Medium parameters used: $f = 5260$ MHz; $\sigma = 5.395$ S/m; $\epsilon_r = 47.311$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.1°C ; Liquid Temperature : 21.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Configuration/Ch52/Area Scan (61x211x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 3.06 W/kg

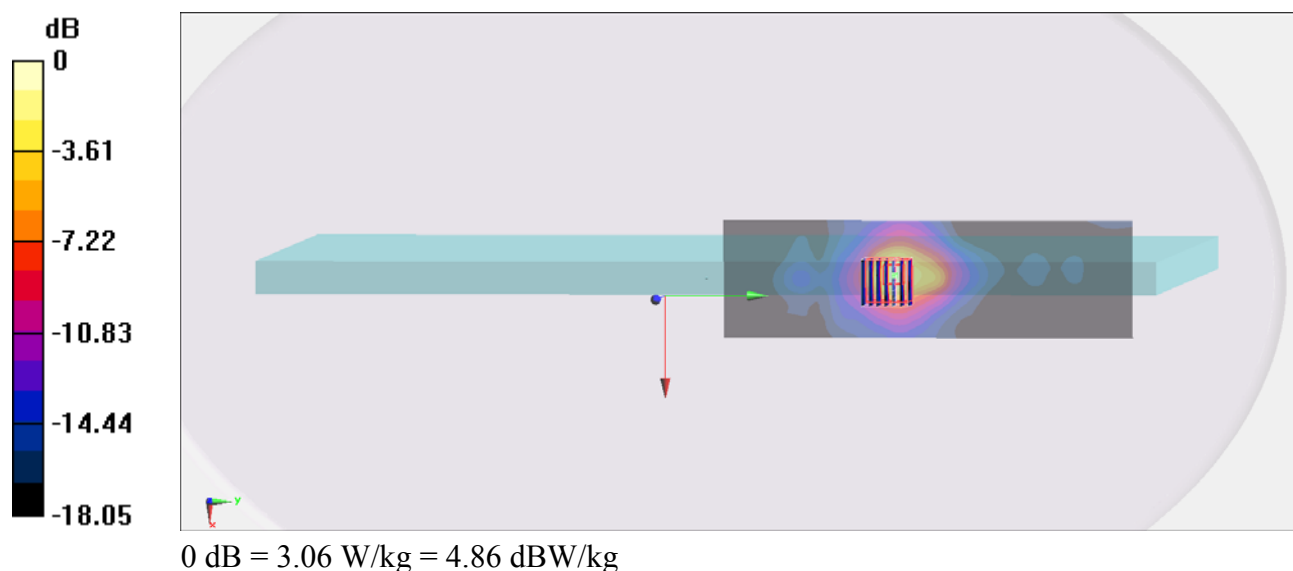
Configuration/Ch52/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 26.599 V/m ; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 5.22 W/kg

SAR(1 g) = 1.31 W/kg ; SAR(10 g) = 0.437 W/kg

Maximum value of SAR (measured) = 3.06 W/kg



#64_WLAN5G_802.11a_Edge1_0cm_Ch52;Ant 1_Repeat**DUT: 313102**

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

Medium: MSL_5G_130315 Medium parameters used : $f = 5260$ MHz; $\sigma = 5.395$ S/m; $\epsilon_r = 47.311$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.1 °C; Liquid Temperature : 21.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Configuration/Ch52/Area Scan (61x211x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 2.69 W/kg

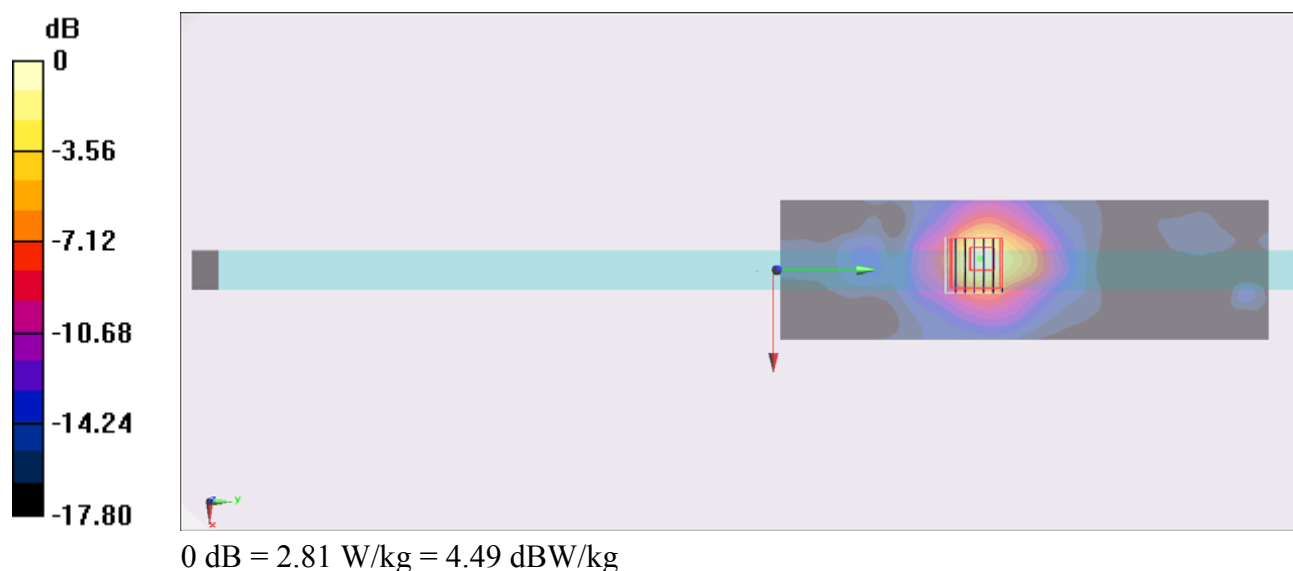
Configuration/Ch52/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 25.690 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 4.80 W/kg

SAR(1 g) = 1.22 W/kg; SAR(10 g) = 0.411 W/kg

Maximum value of SAR (measured) = 2.81 W/kg



#62_WLAN5G_802.11a_Edge1_0cm_Ch64;Ant 1**DUT: 313102**

Communication System: 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: MSL_5G_130316 Medium parameters used : $f = 5320$ MHz; $\sigma = 5.282$ mho/m; $\epsilon_r = 47.248$; $\rho =$

1000 kg/m^3

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/Ch64/Area Scan (61x211x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 1.05 mW/g

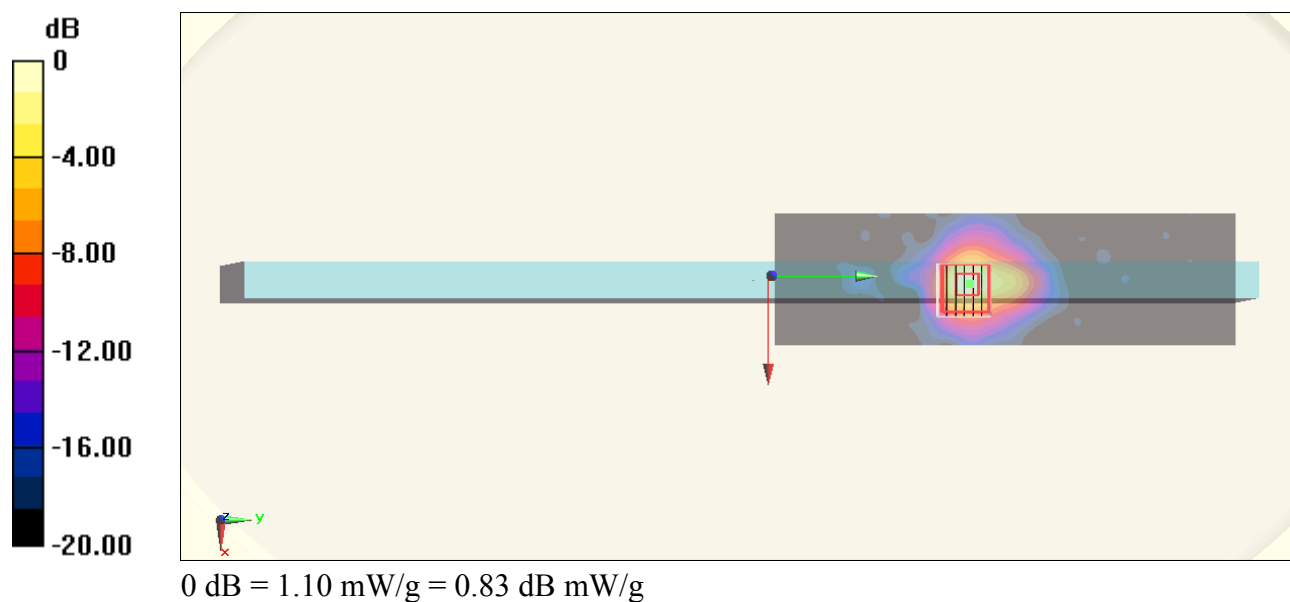
Configuration/Ch64/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 16.898 V/m ; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.841 mW/g

SAR(1 g) = 0.448 mW/g ; SAR(10 g) = 0.127 mW/g

Maximum value of SAR (measured) = 1.10 mW/g



#66_WLAN5G_802.11a_Edge1_0cm_Ch52;Ant 1;Sample2**DUT: 313102**

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

Medium: MSL_5G_130315 Medium parameters used : $f = 5260$ MHz; $\sigma = 5.395$ S/m; $\epsilon_r = 47.311$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.1°C ; Liquid Temperature : 21.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Configuration/Ch52/Area Scan (61x211x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 1.50 W/kg

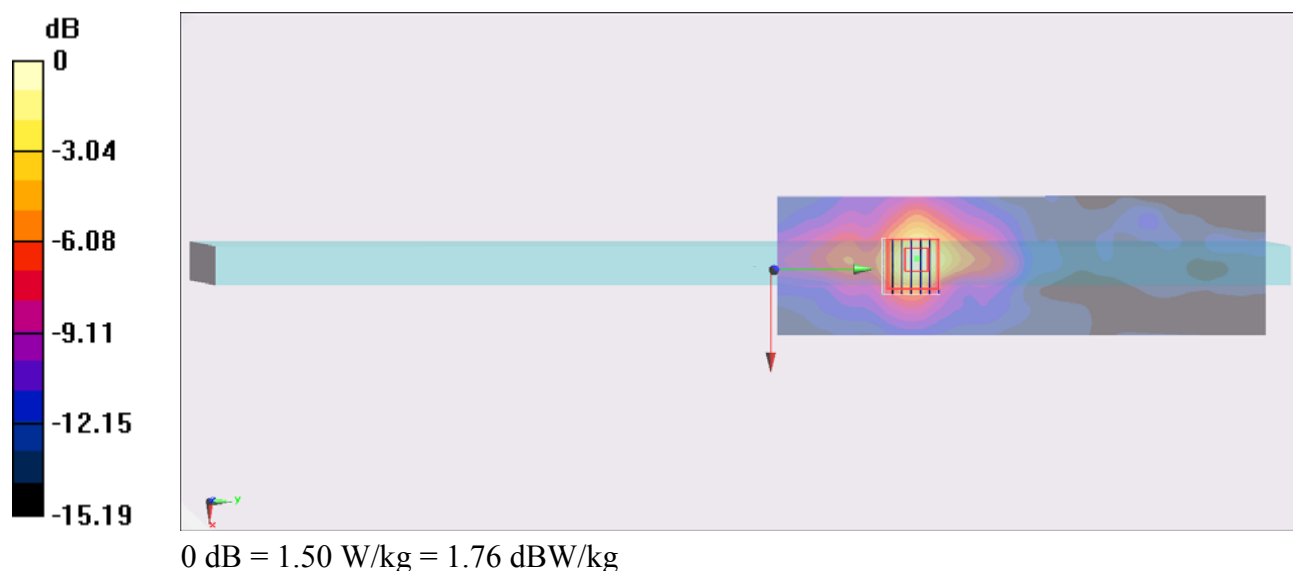
Configuration/Ch52/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 19.148 V/m ; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.48 W/kg

SAR(1 g) = 0.694 W/kg ; SAR(10 g) = 0.267 W/kg

Maximum value of SAR (measured) = 1.50 W/kg



#17_WLAN5G_802.11a_Bottom Face_0cm_Ch116;Ant 1**DUT: 313102**

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

Medium: MSL_5G_130312 Medium parameters used : $f = 5580$ MHz; $\sigma = 5.618$ S/m; $\epsilon_r = 46.854$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.75, 3.75, 3.75); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Configuration/Ch116/Area Scan (81x181x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 0.639 W/kg

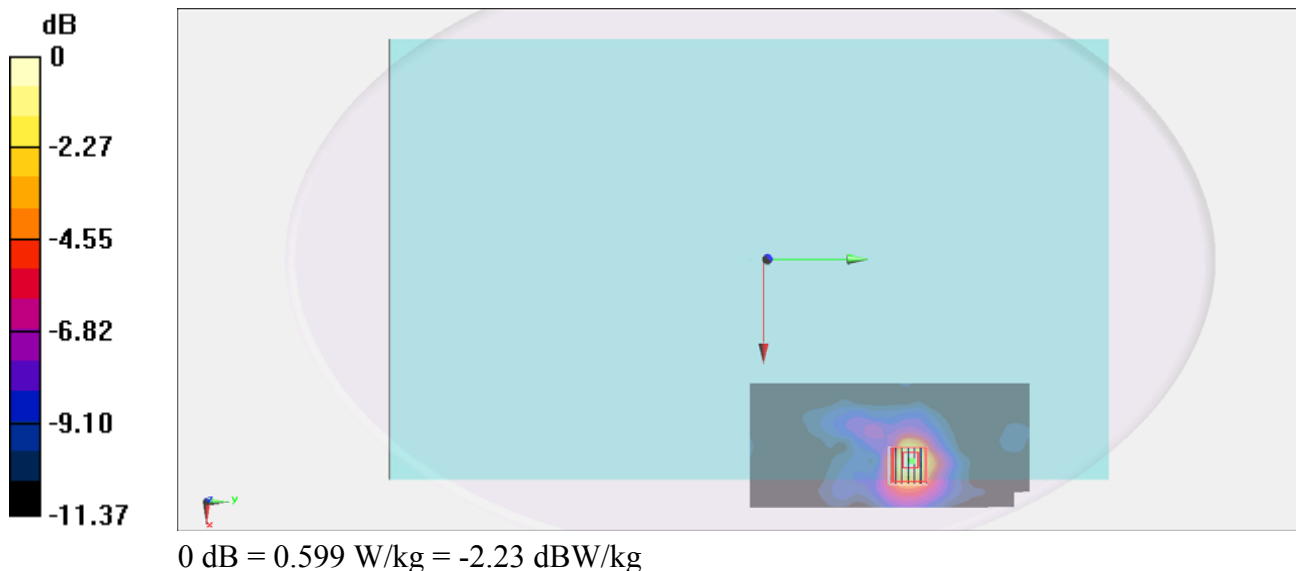
Configuration/Ch116/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 11.229 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.293 W/kg; SAR(10 g) = 0.141 W/kg

Maximum value of SAR (measured) = 0.599 W/kg



#18_WLAN5G_802.11a_Edge 1_0cm_Ch116;Ant 1**DUT: 313102**

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

Medium: MSL_5G_130312 Medium parameters used : $f = 5580$ MHz; $\sigma = 5.618$ S/m; $\epsilon_r = 46.854$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.75, 3.75, 3.75); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Configuration/Ch116/Area Scan (61x161x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 1.93 W/kg

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

Reference Value = 20.730 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 3.48 W/kg

SAR(1 g) = 0.832 W/kg; SAR(10 g) = 0.294 W/kg

Maximum value of SAR (measured) = 2.01 W/kg

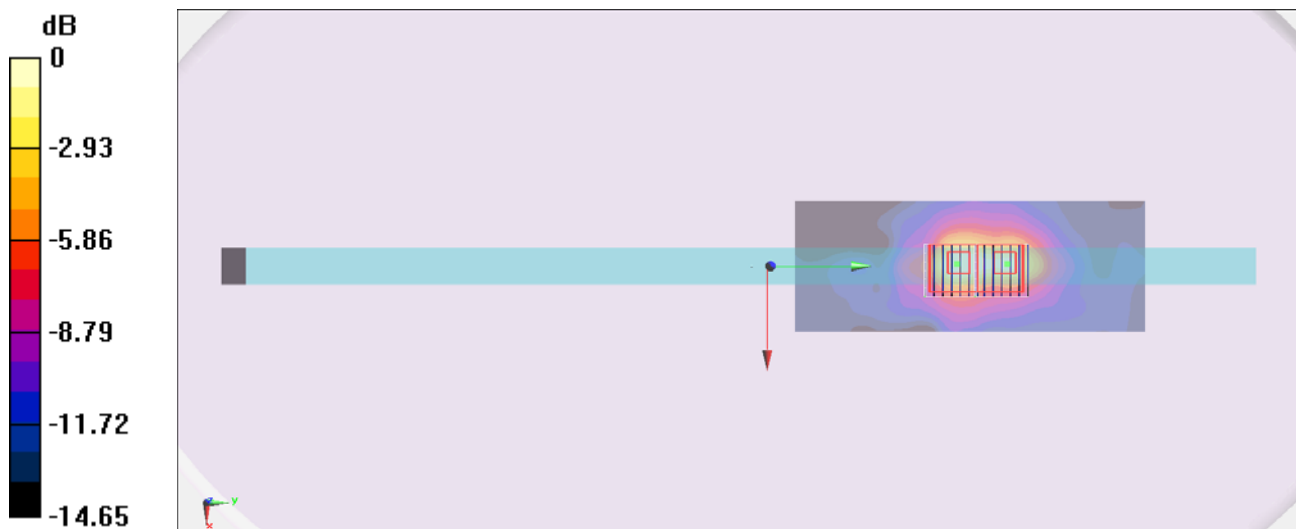
Configuration/Ch116/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 20.730 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 2.73 W/kg

SAR(1 g) = 0.661 W/kg; SAR(10 g) = 0.272 W/kg

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



#19_WLAN5G_802.11a_Edge 1_0cm_Ch108;Ant 1**DUT: 313102**

Communication System: 802.11a; Frequency: 5540 MHz; Duty Cycle: 1:1

Medium: MSL_5G_130312 Medium parameters used : $f = 5540$ MHz; $\sigma = 5.568$ S/m; $\epsilon_r = 46.968$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.91, 3.91, 3.91); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Configuration/Ch108/Area Scan (61x161x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 2.09 W/kg

Configuration/Ch108/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 22.879 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 4.07 W/kg

SAR(1 g) = 0.984 W/kg; SAR(10 g) = 0.338 W/kg

Maximum value of SAR (measured) = 2.30 W/kg

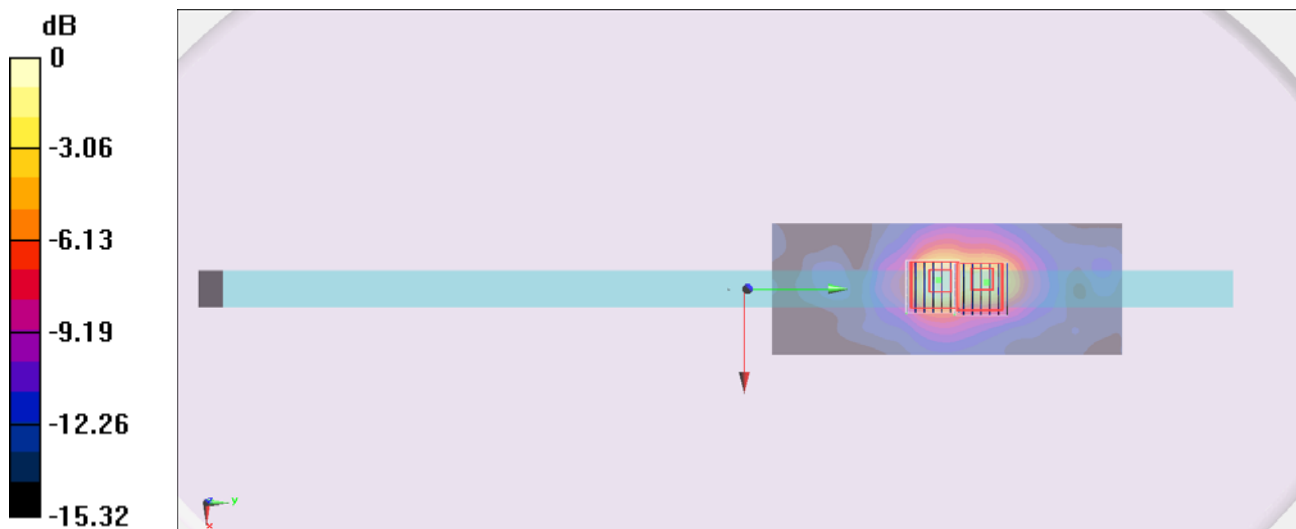
Configuration/Ch108/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 22.879 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 3.23 W/kg

SAR(1 g) = 0.712 W/kg; SAR(10 g) = 0.283 W/kg

Maximum value of SAR (measured) = 1.79 W/kg



0 dB = 1.79 W/kg = 2.53 dBW/kg

#30_WLAN5G_802.11a_Edge 1_0cm_Ch108;Ant 1_Repeat**DUT: 313102**

Communication System: 802.11a; Frequency: 5540 MHz; Duty Cycle: 1:1

Medium: MSL_5G_130312 Medium parameters used : $f = 5540$ MHz; $\sigma = 5.568$ S/m; $\epsilon_r = 46.968$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.91, 3.91, 3.91); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Configuration/Ch108/Area Scan (61x161x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 1.99 W/kg

Configuration/Ch108/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 22.466 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.90 W/kg

SAR(1 g) = 0.937 W/kg; SAR(10 g) = 0.318 W/kg

Maximum value of SAR (measured) = 2.19 W/kg

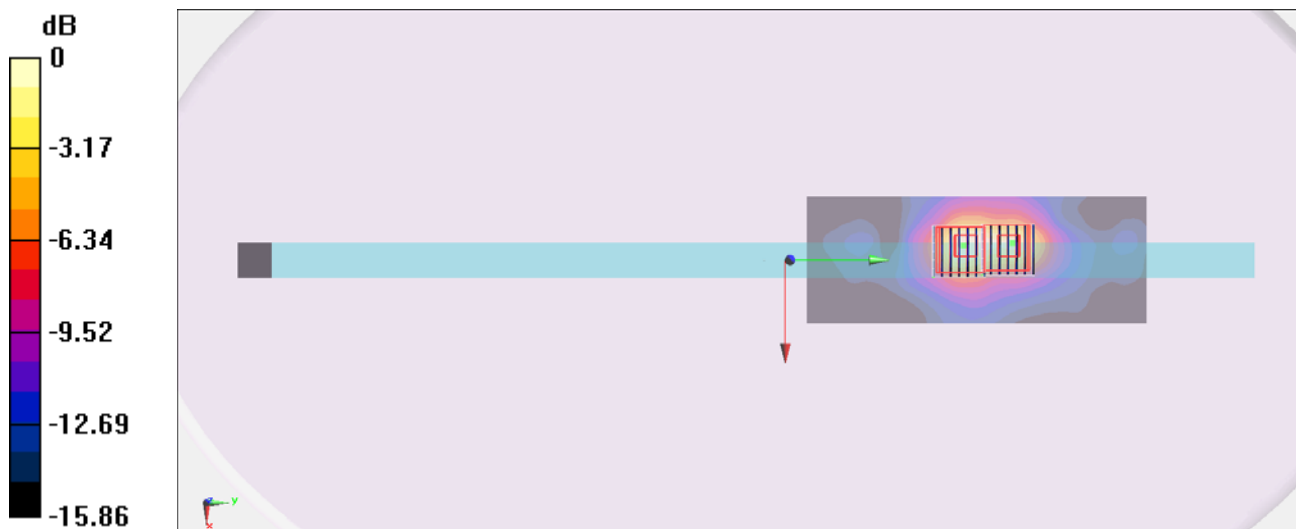
Configuration/Ch108/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 22.466 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 3.18 W/kg

SAR(1 g) = 0.750 W/kg; SAR(10 g) = 0.286 W/kg

Maximum value of SAR (measured) = 1.78 W/kg



0 dB = 1.78 W/kg = 2.50 dBW/kg

#20_WLAN5G_802.11a_Edge 1_0cm_Ch132;Ant 1**DUT: 313102**

Communication System: 802.11a; Frequency: 5660 MHz; Duty Cycle: 1:1

Medium: MSL_5G_130312 Medium parameters used: $f = 5660$ MHz; $\sigma = 5.752$ S/m; $\epsilon_r = 46.723$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.75, 3.75, 3.75); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Configuration/Ch132/Area Scan (61x161x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 1.85 W/kg

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

Reference Value = 20.938 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 3.43 W/kg

SAR(1 g) = 0.815 W/kg; SAR(10 g) = 0.298 W/kg

Maximum value of SAR (measured) = 1.91 W/kg

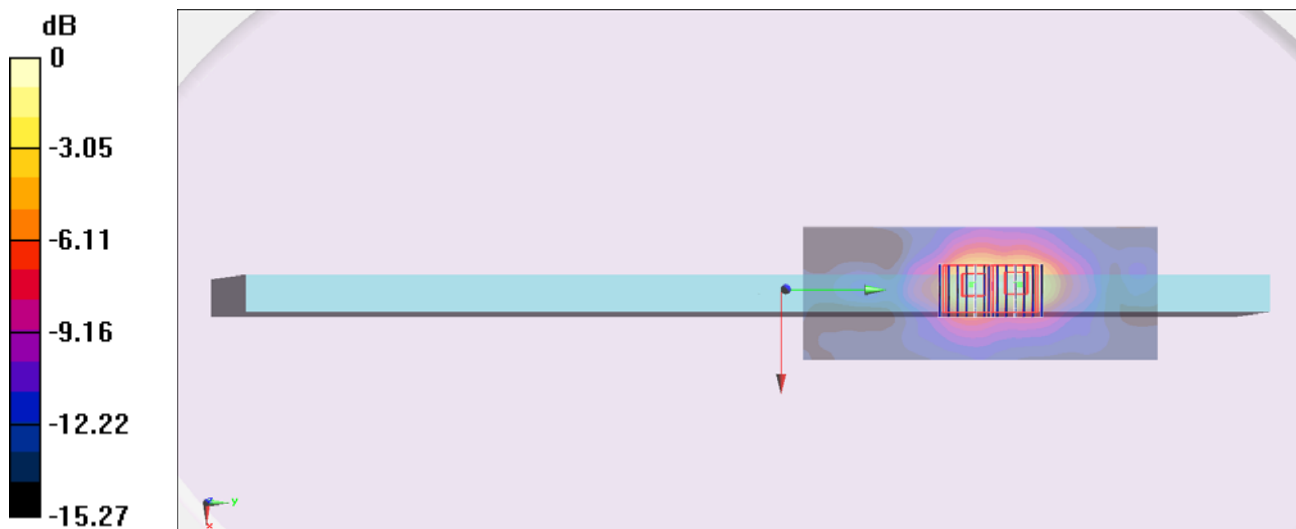
Configuration/Ch132/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 20.938 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 3.21 W/kg

SAR(1 g) = 0.730 W/kg; SAR(10 g) = 0.289 W/kg

Maximum value of SAR (measured) = 1.75 W/kg



0 dB = 1.75 W/kg = 2.43 dBW/kg

#25_WLAN5G_802.11a_Edge 1_0cm_Ch108;Ant 1_Sample2**DUT: 313102**

Communication System: 802.11a; Frequency: 5540 MHz; Duty Cycle: 1:1

Medium: MSL_5G_130312 Medium parameters used : $f = 5540$ MHz; $\sigma = 5.568$ S/m; $\epsilon_r = 46.968$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.91, 3.91, 3.91); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Configuration/Ch108/Area Scan (61x161x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 1.28 W/kg

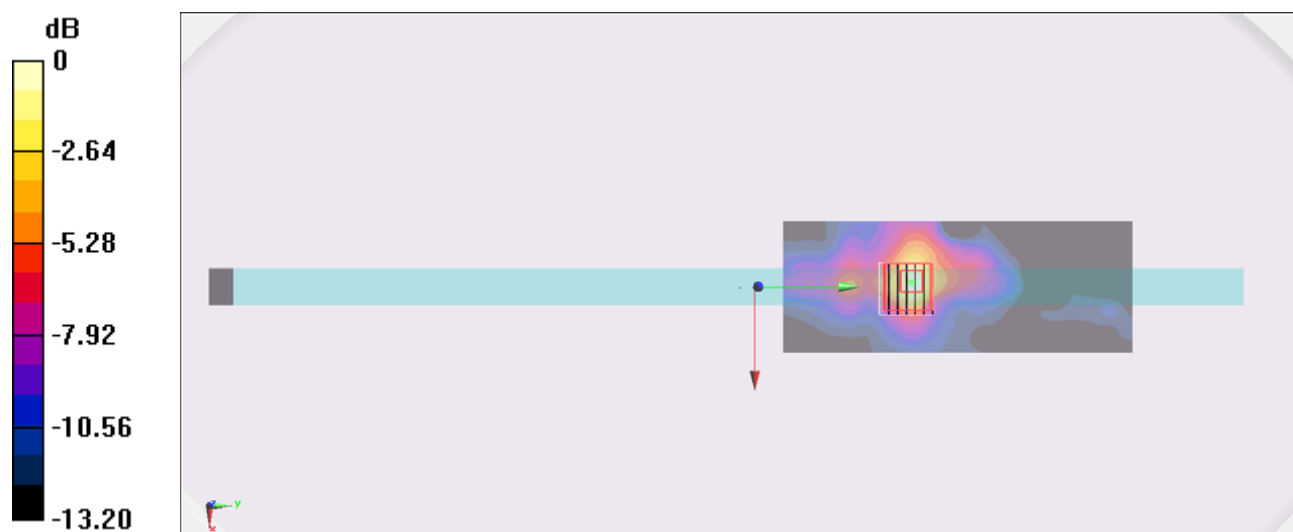
Configuration/Ch108/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 17.341 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.27 W/kg

SAR(1 g) = 0.582 W/kg; SAR(10 g) = 0.215 W/kg

Maximum value of SAR (measured) = 1.30 W/kg



0 dB = 1.30 W/kg = 1.14 dBW/kg

#21_WLAN5G_802.11a_Bottom Face_0cm_Ch157;Ant 1**DUT: 313102**

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

Medium: MSL_5G_130312 Medium parameters used: $f = 5785$ MHz; $\sigma = 5.968$ S/m; $\epsilon_r = 46.579$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Configuration/Ch157/Area Scan (81x181x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 0.283 W/kg

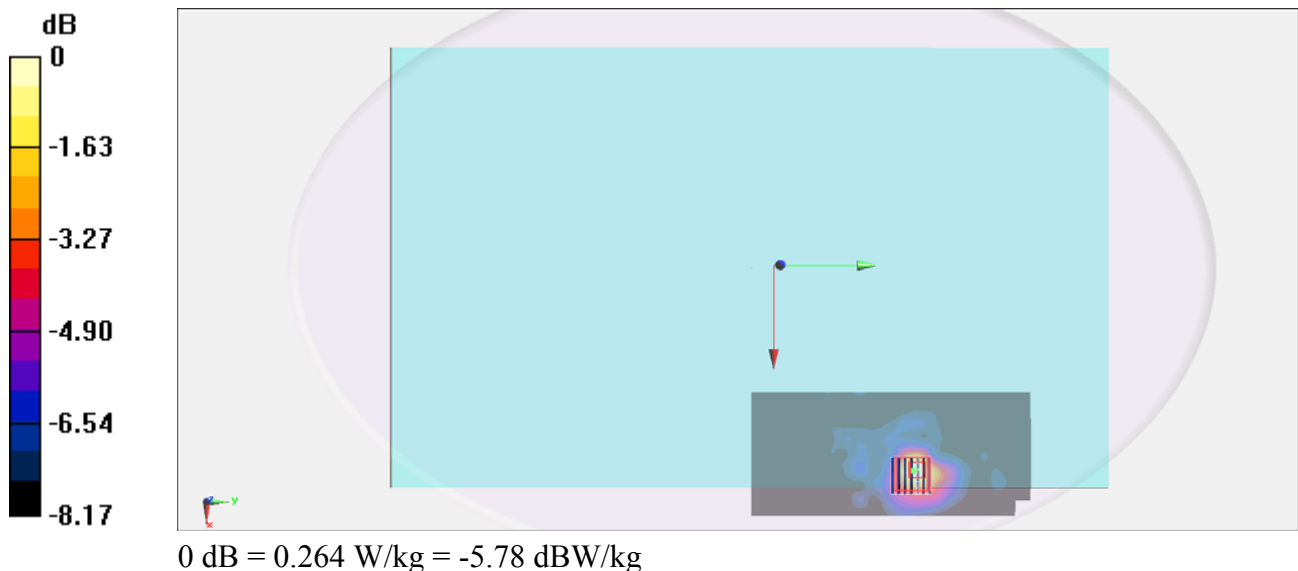
Configuration/Ch157/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$,
 $dz=1.4\text{mm}$

Reference Value = 7.476 V/m ; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.445 W/kg

SAR(1 g) = 0.139 W/kg ; SAR(10 g) = 0.078 W/kg

Maximum value of SAR (measured) = 0.264 W/kg



#22_WLAN5G_802.11a_Edge 1_0cm_Ch157;Ant 1**DUT: 313102**

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

Medium: MSL_5G_130312 Medium parameters used: $f = 5785$ MHz; $\sigma = 5.968$ S/m; $\epsilon_r = 46.579$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Configuration/Ch157/Area Scan (61x161x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 0.750 W/kg

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

Reference Value = 13.317 V/m ; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 0.350 W/kg ; SAR(10 g) = 0.147 W/kg

Maximum value of SAR (measured) = 0.787 W/kg

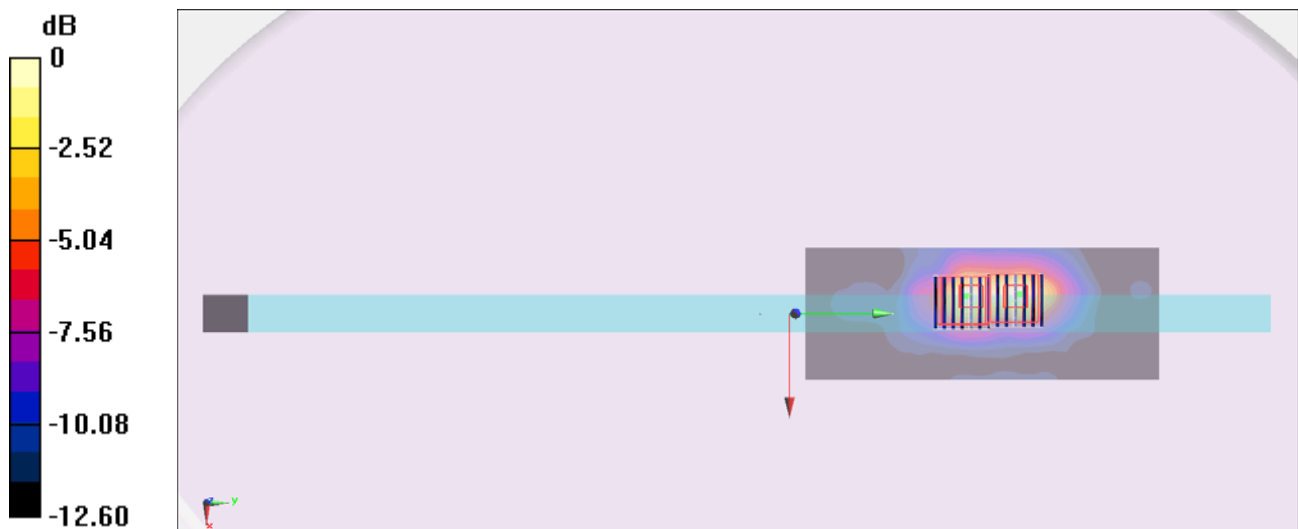
Configuration/Ch157/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 13.317 V/m ; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.31 W/kg

SAR(1 g) = 0.339 W/kg ; SAR(10 g) = 0.137 W/kg

Maximum value of SAR (measured) = 0.758 W/kg



0 dB = 0.758 W/kg = -1.20 dBW/kg

#26_WLAN5G_802.11a_Bottom Face_0cm_Ch48;Ant 0+1**DUT: 313102**

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

Medium: MSL_5G_130313 Medium parameters used : $f = 5240$ MHz; $\sigma = 5.285$ S/m; $\epsilon_r = 47.411$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Configuration/Ch48/Area Scan (91x501x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.473 W/kg

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

Reference Value = 8.439 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.617 W/kg

SAR(1 g) = 0.202 W/kg; SAR(10 g) = 0.101 W/kg

Maximum value of SAR (measured) = 0.385 W/kg

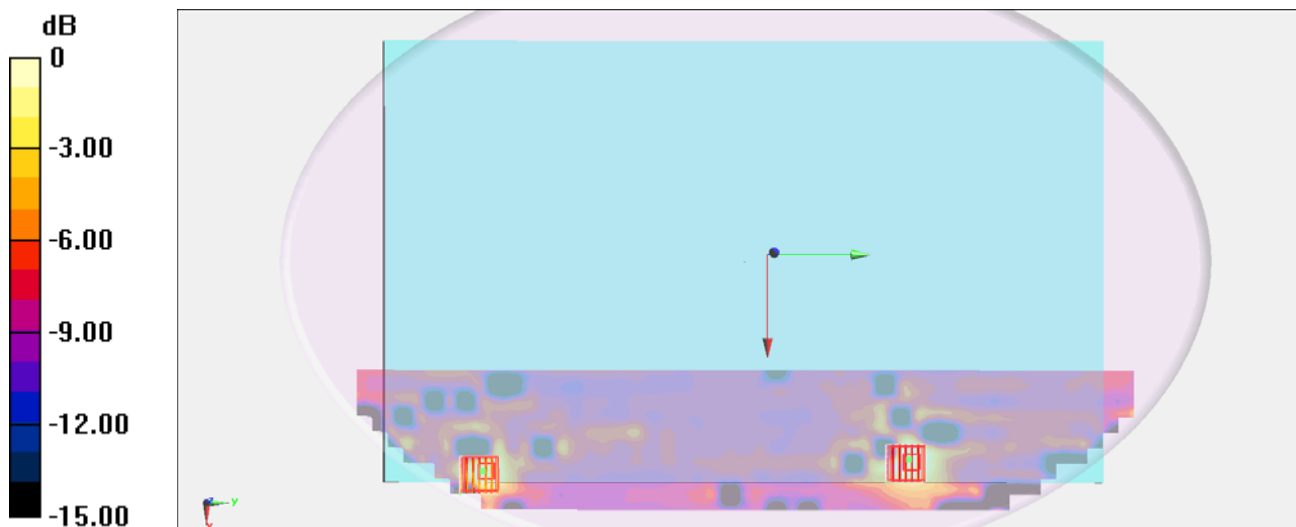
Configuration/Ch48/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.439 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.418 W/kg

SAR(1 g) = 0.162 W/kg; SAR(10 g) = 0.089 W/kg

Maximum value of SAR (measured) = 0.294 W/kg



#27_WLAN5G_802.11a_Edge 1_0cm_Ch48;Ant 0+1**DUT: 313102**

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

Medium: MSL_5G_130313 Medium parameters used : $f = 5240$ MHz; $\sigma = 5.285$ S/m; $\epsilon_r = 47.411$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Configuration/Ch48/Area Scan (61x501x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.57 W/kg

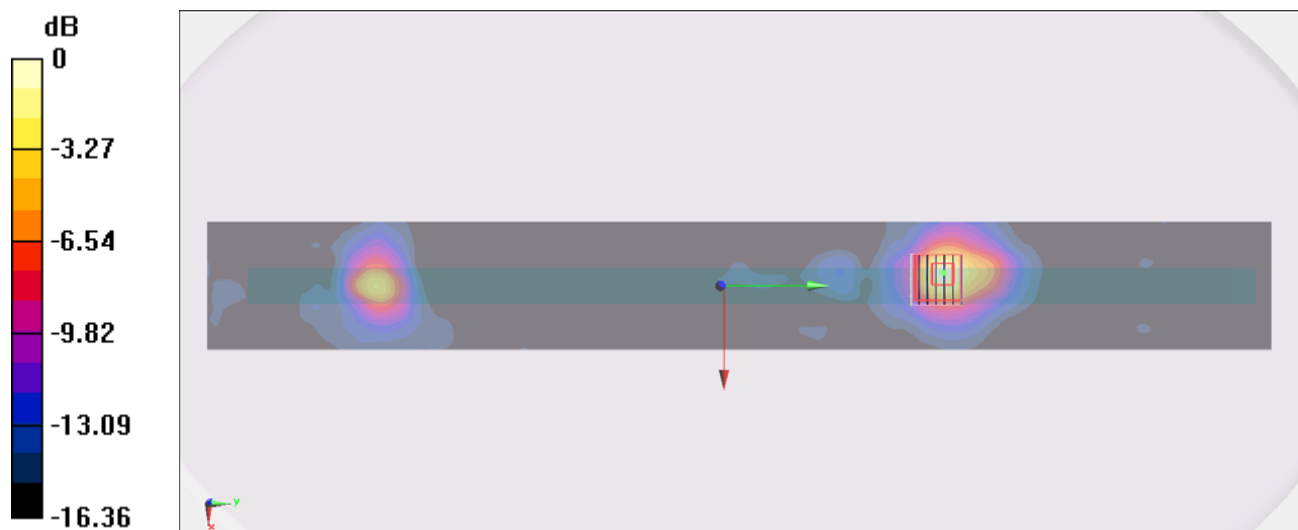
Configuration/Ch48/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 20.583 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.91 W/kg

SAR(1 g) = 0.764 W/kg; SAR(10 g) = 0.258 W/kg

Maximum value of SAR (measured) = 1.75 W/kg



#52_WLAN5G_802.11a_Edge 4_0cm_Ch48;Ant 0+1**DUT: 313102**

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

Medium: MSL_5G_130313 Medium parameters used : $f = 5240$ MHz; $\sigma = 5.285$ S/m; $\epsilon_r = 47.411$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Configuration/Ch48/Area Scan (71x171x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
Maximum value of SAR (interpolated) = 0.160 W/kg

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

Reference Value = 3.804 V/m ; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.188 W/kg

SAR(1 g) = 0.088 W/kg ; SAR(10 g) = 0.074 W/kg

Maximum value of SAR (measured) = 0.140 W/kg

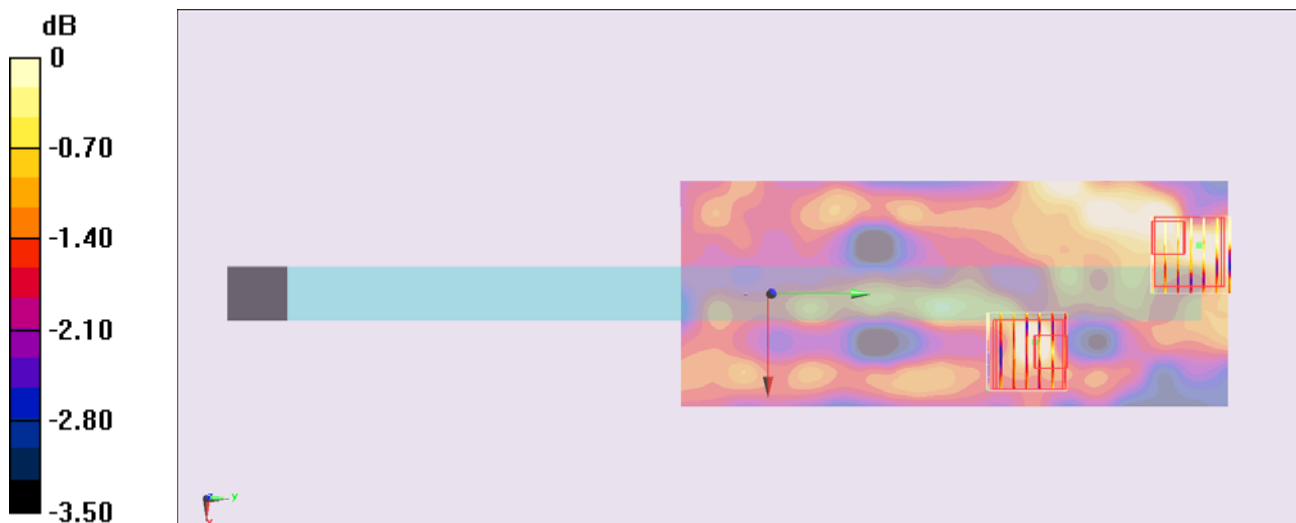
Configuration/Ch48/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 3.804 V/m ; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.0860 W/kg

SAR(1 g) = 0.069 W/kg ; SAR(10 g) = 0.060 W/kg

Maximum value of SAR (measured) = 0.0864 W/kg



0 dB = 0.0864 W/kg = -10.63 dBW/kg

#28_WLAN5G_802.11n-HT40_Edge 1_0cm_Ch46;Ant 0+1**DUT: 313102**

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

Medium: MSL_5G_130313 Medium parameters used : $f = 5230$ MHz; $\sigma = 5.278$ S/m; $\epsilon_r = 47.443$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Configuration/Ch46/Area Scan (61x501x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 2.62 W/kg

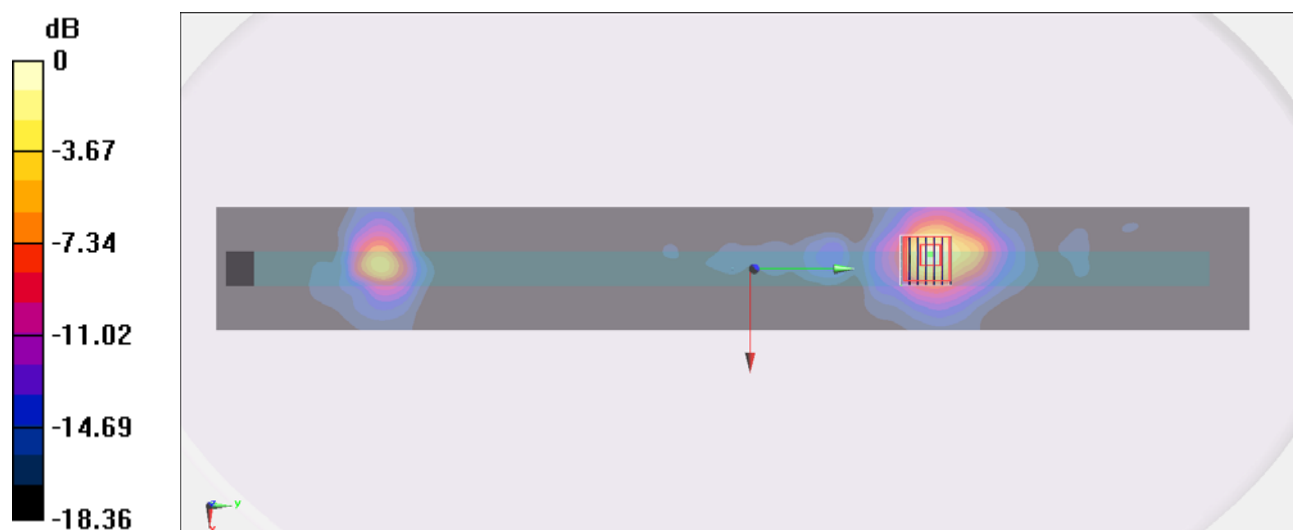
Configuration/Ch46/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 25.946 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 4.63 W/kg

SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.379 W/kg

Maximum value of SAR (measured) = 2.76 W/kg



0 dB = 2.76 W/kg = 4.41 dBW/kg

#29_WLAN5G_802.11n-HT40_Edge 1_0cm_Ch46;Ant 0+1_Repeat**DUT: 313102**

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

Medium: MSL_5G_130313 Medium parameters used : $f = 5230$ MHz; $\sigma = 5.278$ S/m; $\epsilon_r = 47.443$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Configuration/Ch46/Area Scan (61x501x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 2.58 W/kg

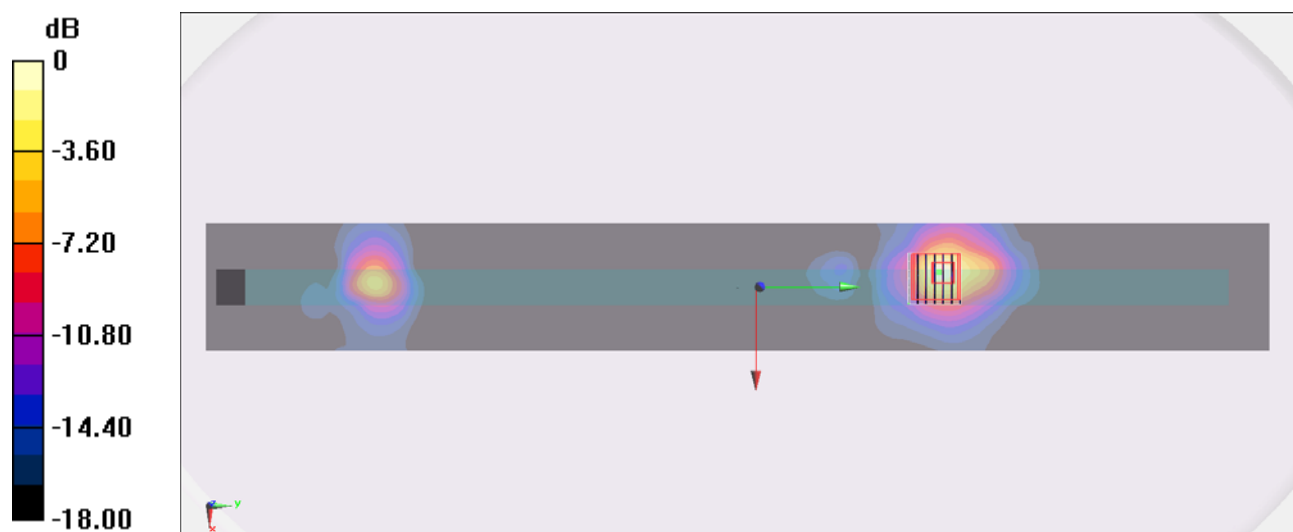
Configuration/Ch46/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 25.592 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 4.66 W/kg

SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.350 W/kg

Maximum value of SAR (measured) = 2.81 W/kg



0 dB = 2.81 W/kg = 4.49 dBW/kg

#31_WLAN5G_802.11n-HT40_Edge 1_0cm_Ch38;Ant 0+1**DUT: 313102**

Communication System: 802.11n; Frequency: 5190 MHz; Duty Cycle: 1:1

Medium: MSL_5G_130313 Medium parameters used: $f = 5190$ MHz; $\sigma = 5.239$ S/m; $\epsilon_r = 47.538$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Configuration/Ch38/Area Scan (61x501x1): Interpolated grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (interpolated) = 1.29 W/kg

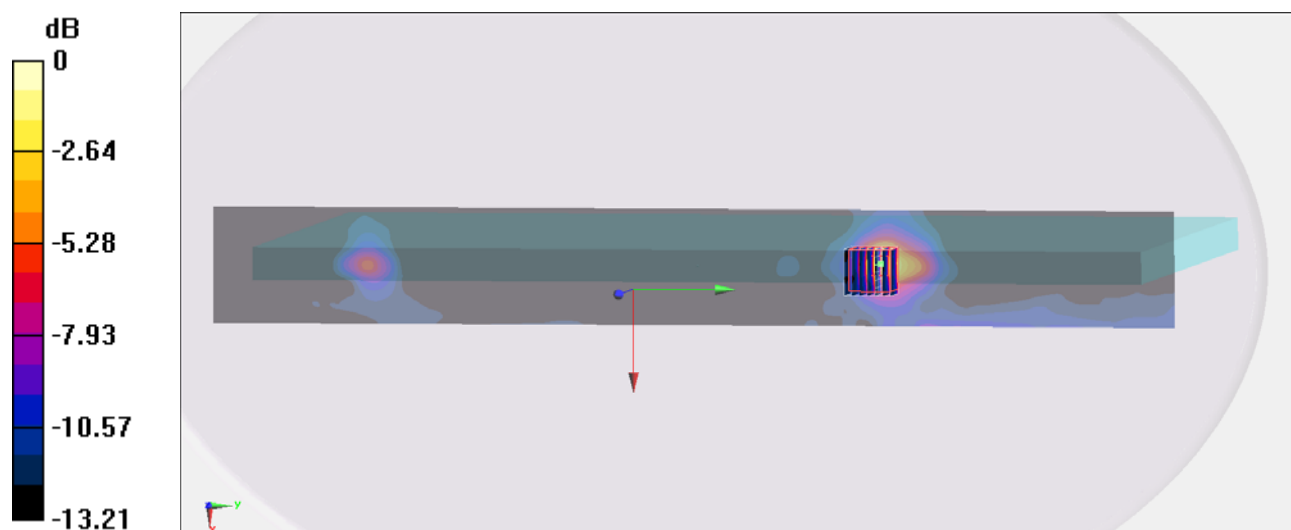
Configuration/Ch38/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 18.391 V/m ; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 2.20 W/kg

SAR(1 g) = 0.618 W/kg ; SAR(10 g) = 0.239 W/kg

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



0 dB = 1.37 W/kg = 1.37 dBW/kg

#32_WLAN5G_802.11n-HT40_Edge 1_0cm_Ch46;Ant 0+1_Sample2**DUT: 313102**

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

Medium: MSL_5G_130313 Medium parameters used : $f = 5230$ MHz; $\sigma = 5.278$ S/m; $\epsilon_r = 47.443$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Configuration/Ch46/Area Scan (61x501x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 1.16 W/kg

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

Reference Value = 16.762 V/m ; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.85 W/kg

SAR(1 g) = 0.549 W/kg ; SAR(10 g) = 0.210 W/kg

Maximum value of SAR (measured) = 1.19 W/kg

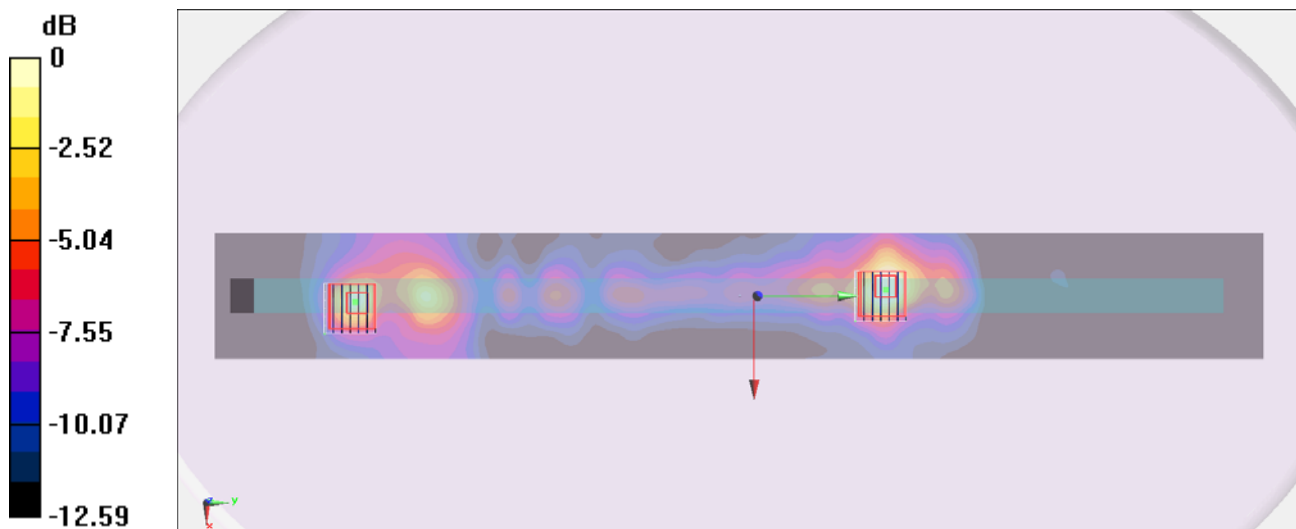
Configuration/Ch46/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 16.762 V/m ; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 0.394 W/kg ; SAR(10 g) = 0.155 W/kg

Maximum value of SAR (measured) = 0.877 W/kg



0 dB = 0.877 W/kg = -0.57 dBW/kg

#57_WLAN5G_802.11a_Bottom Face_0cm_Ch52;Ant 0+1**DUT: 313102**

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

Medium: MSL_5G_130312 Medium parameters used: $f = 5260$ MHz; $\sigma = 5.185$ S/m; $\epsilon_r = 47.327$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Configuration/Ch52/Area Scan (91x501x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 0.904 W/kg

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

Reference Value = 13.337 V/m ; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.54 W/kg

SAR(1 g) = 0.451 W/kg ; SAR(10 g) = 0.194 W/kg

Maximum value of SAR (measured) = 0.955 W/kg

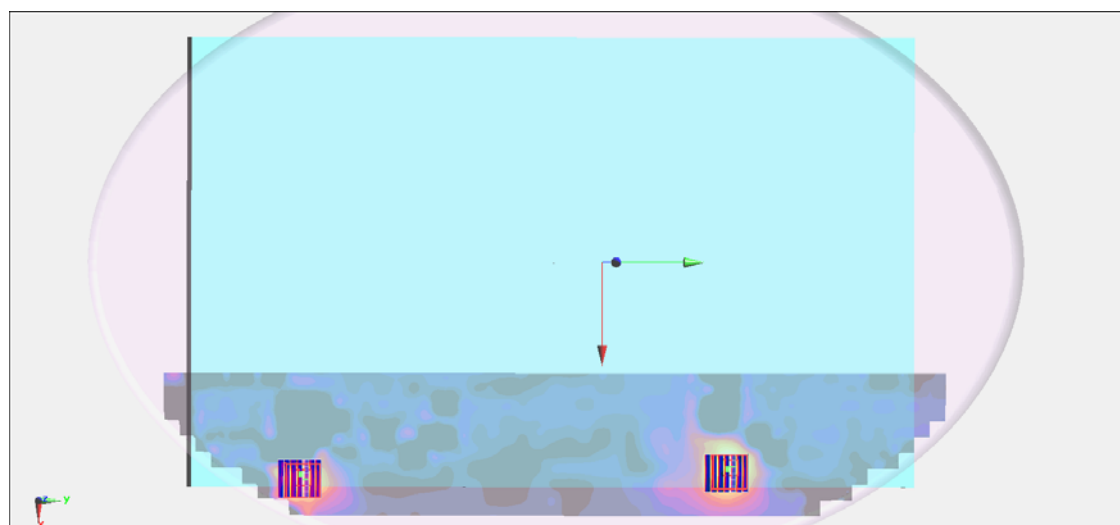
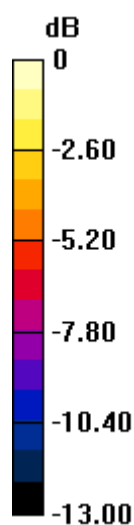
Configuration/Ch52/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 13.337 V/m ; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.340 W/kg ; SAR(10 g) = 0.167 W/kg

Maximum value of SAR (measured) = 0.703 W/kg



0 dB = 0.703 W/kg = -1.53 dBW/kg

#51_WLAN5G_802.11a_Edge 1_0cm_Ch52;Ant 0+1**DUT: 313102**

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

Medium: MSL_5G_130312 Medium parameters used : $f = 5260$ MHz; $\sigma = 5.185$ S/m; $\epsilon_r = 47.327$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Configuration/Ch52/Area Scan (61x501x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 4.35 W/kg

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

Reference Value = 28.581 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 5.73 W/kg

SAR(1 g) = 1.43 W/kg; SAR(10 g) = 0.478 W/kg

Maximum value of SAR (measured) = 3.32 W/kg

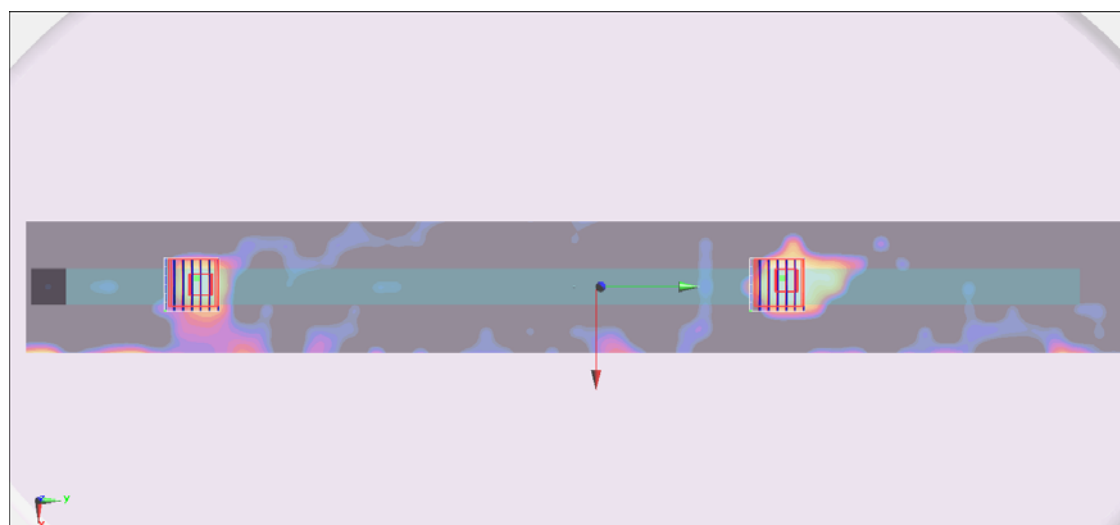
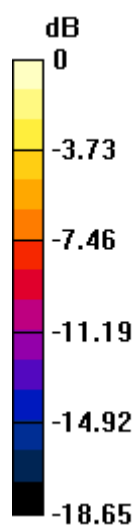
Configuration/Ch52/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 28.581 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 4.02 W/kg

SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.323 W/kg

Maximum value of SAR (measured) = 2.47 W/kg



0 dB = 2.47 W/kg = 3.93 dBW/kg

#68_WLAN5G_802.11a_Edge 1_0cm_Ch52;Ant 0+1_Repeat**DUT: 313102**

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

Medium: MSL_5G_130312 Medium parameters used : $f = 5260$ MHz; $\sigma = 5.185$ S/m; $\epsilon_r = 47.327$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Configuration/Ch52/Area Scan (61x501x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 3.03 W/kg

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

Reference Value = 28.668 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 5.85 W/kg

SAR(1 g) = 1.42 W/kg; SAR(10 g) = 0.468 W/kg

Maximum value of SAR (measured) = 3.38 W/kg

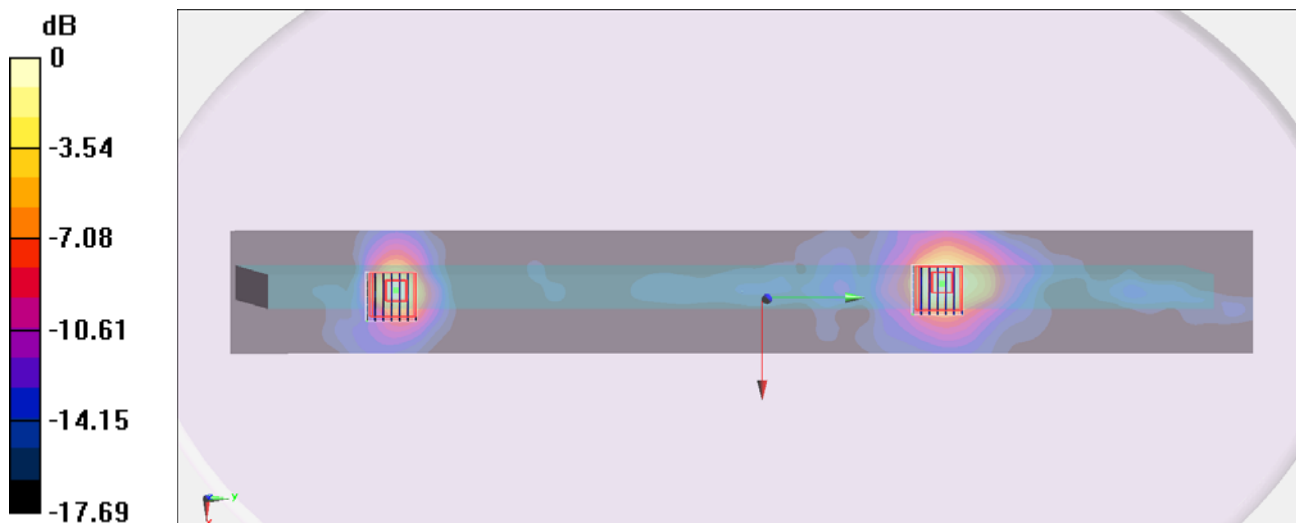
Configuration/Ch52/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 28.668 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 4.33 W/kg

SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.334 W/kg

Maximum value of SAR (measured) = 2.46 W/kg



0 dB = 2.46 W/kg = 3.91 dBW/kg

#67_WLAN5G_802.11a_Edge 4_0cm_Ch52;Ant 0+1**DUT: 313102**

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

Medium: MSL_5G_130312 Medium parameters used : $f = 5260$ MHz; $\sigma = 5.185$ S/m; $\epsilon_r = 47.327$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Configuration/Ch52/Area Scan (71x171x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 0.463 W/kg

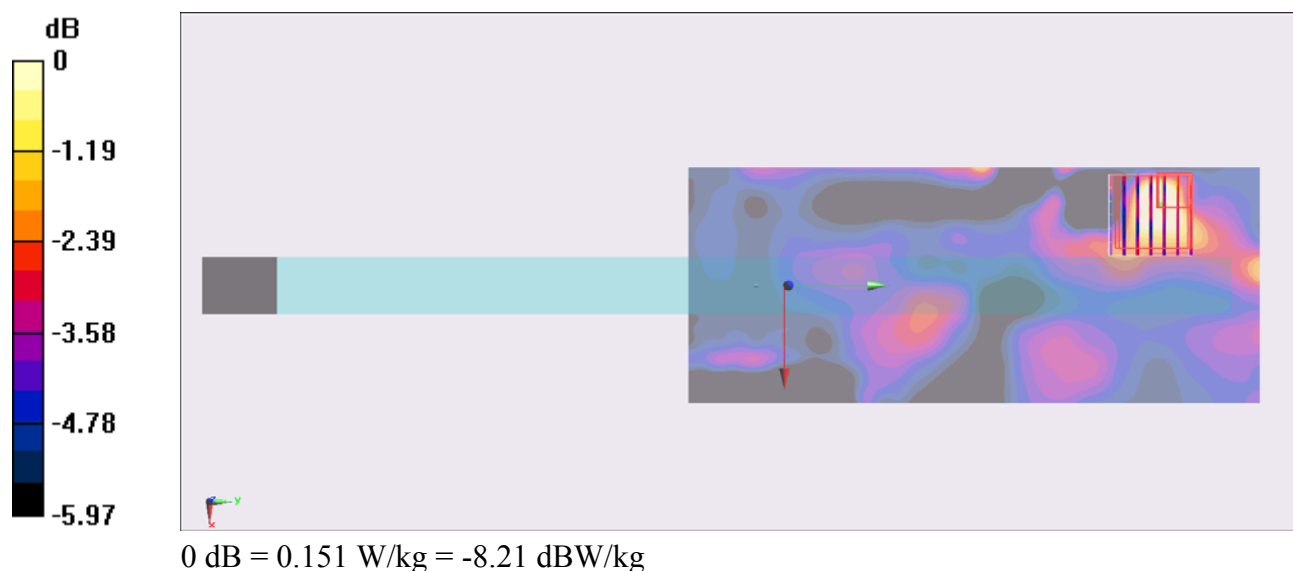
Configuration/Ch52/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 4.109 V/m ; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.189 W/kg

SAR(1 g) = 0.093 W/kg ; SAR(10 g) = 0.069 W/kg

Maximum value of SAR (measured) = 0.151 W/kg



#63_WLAN5G_802.11a_Edge 1_0cm_Ch64;Ant 0+1**DUT: 313102**

Communication System: 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: MSL_5G_130316 Medium parameters used: $f = 5320$ MHz; $\sigma = 5.282$ mho/m; $\epsilon_r = 47.248$; $\rho = 1000$ 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/Ch64/Area Scan (61x501x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.04 mW/g

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

Reference Value = 16.997 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.873 mW/g

SAR(1 g) = 0.463 mW/g; SAR(10 g) = 0.135 mW/g

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

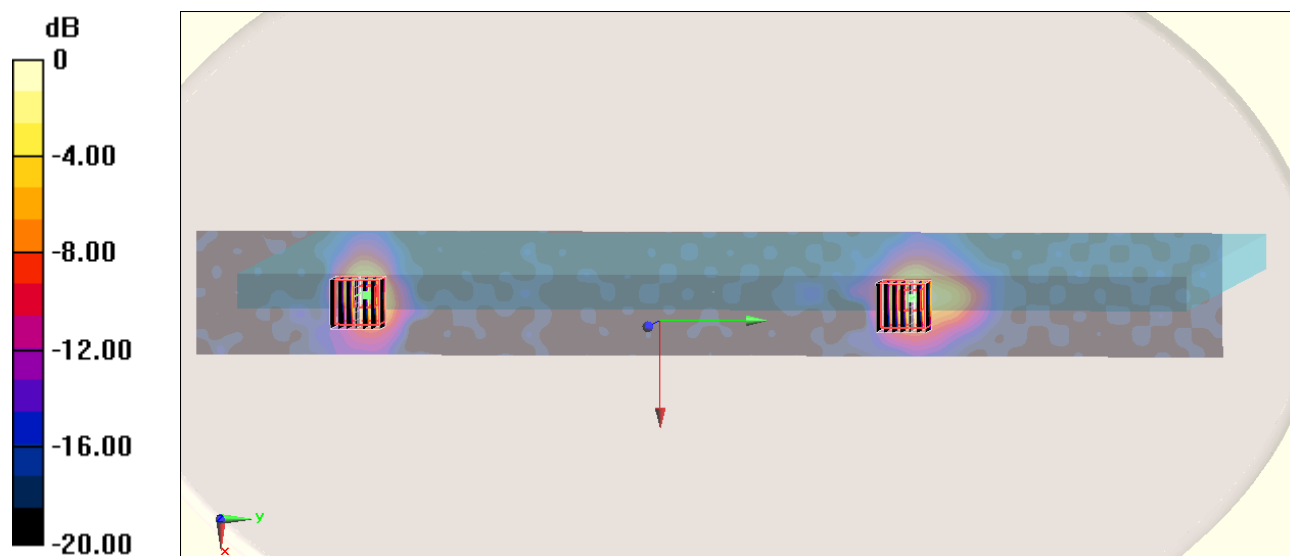
Configuration/Ch64/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 16.997 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.647 mW/g

SAR(1 g) = 0.400 mW/g; SAR(10 g) = 0.111 mW/g

Maximum value of SAR (measured) = 0.944 mW/g



#70_WLAN5G_802.11a_Edge 1_0cm_Ch52;Ant 0+1;Sample2**DUT: 313102**

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

Medium: MSL_5G_130315 Medium parameters used : $f = 5260$ MHz; $\sigma = 5.395$ S/m; $\epsilon_r = 47.311$; $\rho =$

1000 kg/m^3

Ambient Temperature : 22.1°C ; Liquid Temperature : 21.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Configuration/Ch52/Area Scan (61x501x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 1.69 W/kg

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

Reference Value = 19.322 V/m ; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 2.73 W/kg

SAR(1 g) = 0.738 W/kg ; SAR(10 g) = 0.277 W/kg

Maximum value of SAR (measured) = 1.69 W/kg

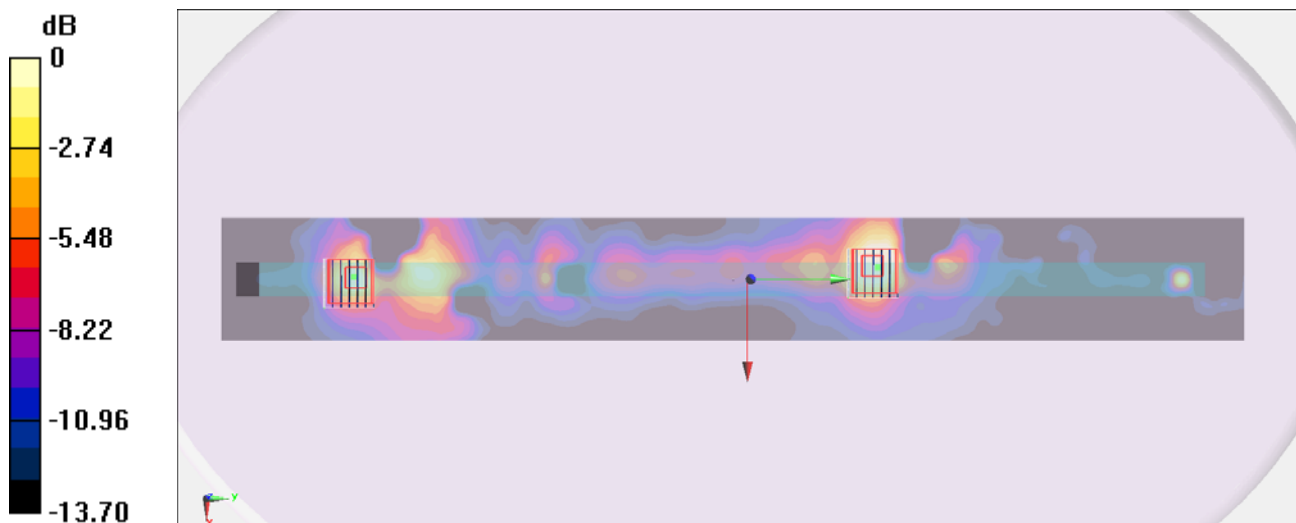
Configuration/Ch52/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 19.322 V/m ; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.88 W/kg

SAR(1 g) = 0.489 W/kg ; SAR(10 g) = 0.190 W/kg

Maximum value of SAR (measured) = 1.09 W/kg



#41_WLAN5G_802.11a_Bottom Face_0cm_Ch116;Ant 0+1**DUT: 313102**

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

Medium: MSL_5G_130312 Medium parameters used : $f = 5580$ MHz; $\sigma = 5.618$ S/m; $\epsilon_r = 46.854$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.75, 3.75, 3.75); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Configuration/Ch116/Area Scan (91x501x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 0.738 W/kg

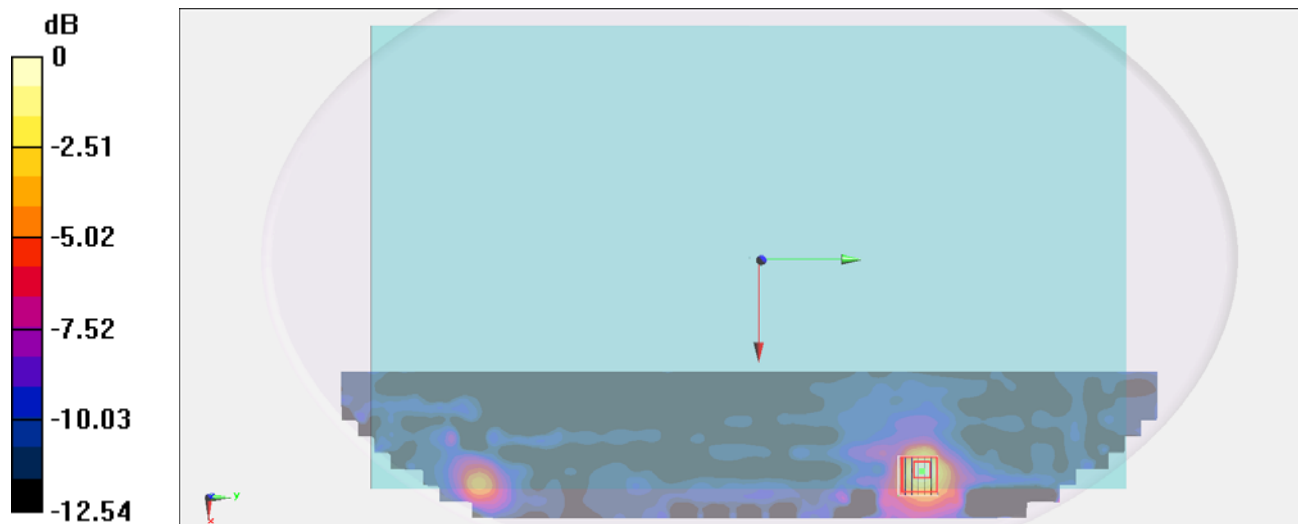
Configuration/Ch116/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 12.736 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.29 W/kg

SAR(1 g) = 0.358 W/kg; SAR(10 g) = 0.162 W/kg

Maximum value of SAR (measured) = 0.751 W/kg



0 dB = 0.751 W/kg = -1.24 dBW/kg

#42_WLAN5G_802.11a_Edge 1_0cm_Ch116;Ant 0+1**DUT: 313102**

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

Medium: MSL_5G_130312 Medium parameters used : $f = 5580$ MHz; $\sigma = 5.618$ S/m; $\epsilon_r = 46.854$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.75, 3.75, 3.75); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Configuration/Ch116/Area Scan (61x501x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 2.00 W/kg

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

Reference Value = 22.737 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 3.96 W/kg

SAR(1 g) = 0.959 W/kg; SAR(10 g) = 0.348 W/kg

Maximum value of SAR (measured) = 2.28 W/kg

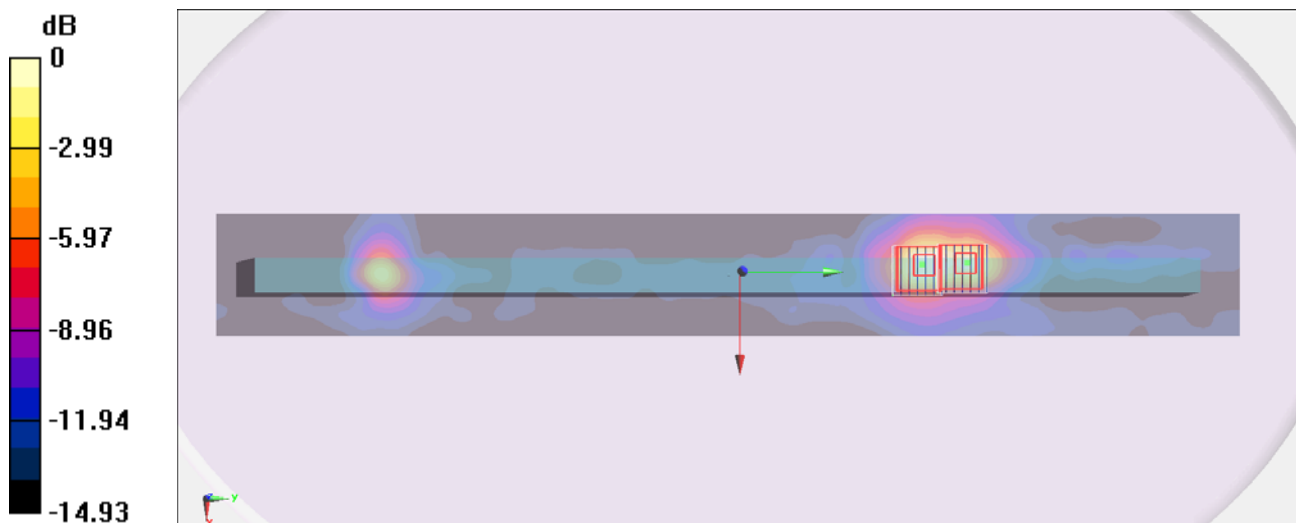
Configuration/Ch116/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 22.737 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 3.43 W/kg

SAR(1 g) = 0.792 W/kg; SAR(10 g) = 0.321 W/kg

Maximum value of SAR (measured) = 1.78 W/kg



0 dB = 1.78 W/kg = 2.50 dBW/kg

#53_WLAN5G_802.11a_Edge 4_0cm_Ch116;Ant 0+1**DUT: 313102**

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

Medium: MSL_5G_130312 Medium parameters used : $f = 5580$ MHz; $\sigma = 5.618$ S/m; $\epsilon_r = 46.854$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.75, 3.75, 3.75); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Configuration/Ch116/Area Scan (71x151x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 0.165 W/kg

Configuration/Ch116/Zoom Scan (7x7x7)/Cube 2: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 4.580 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.228 W/kg

SAR(1 g) = 0.114 W/kg; SAR(10 g) = 0.091 W/kg

Maximum value of SAR (measured) = 0.208 W/kg

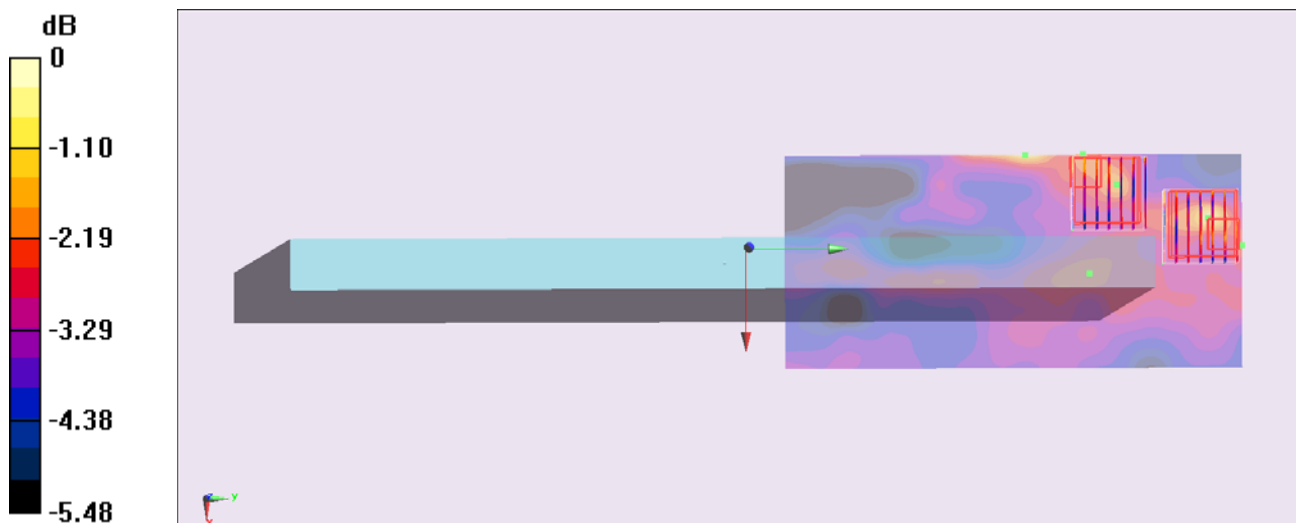
Configuration/Ch116/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 4.580 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.198 W/kg

SAR(1 g) = 0.111 W/kg; SAR(10 g) = 0.095 W/kg

Maximum value of SAR (measured) = 0.182 W/kg



#43_WLAN5G_802.11a_Edge 1_0cm_Ch108;Ant 0+1**DUT: 313102**

Communication System: 802.11a; Frequency: 5540 MHz; Duty Cycle: 1:1

Medium: MSL_5G_130313 Medium parameters used : $f = 5540$ MHz; $\sigma = 5.71$ S/m; $\epsilon_r = 46.96$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.91, 3.91, 3.91); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Configuration/Ch108/Area Scan (61x501x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.97 W/kg

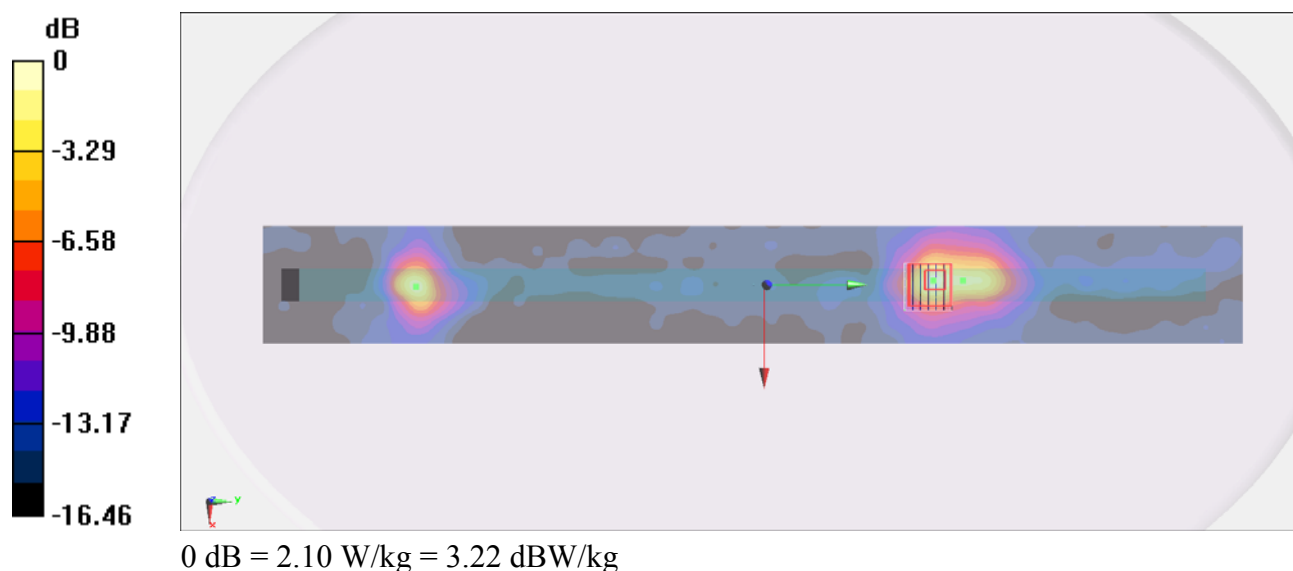
Configuration/Ch108/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 21.209 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 3.63 W/kg

SAR(1 g) = 0.870 W/kg; SAR(10 g) = 0.298 W/kg

Maximum value of SAR (measured) = 2.10 W/kg



#44_WLAN5G_802.11a_Edge 1_0cm_Ch132;Ant 0+1**DUT: 313102**

Communication System: 802.11a; Frequency: 5660 MHz; Duty Cycle: 1:1

Medium: MSL_5G_130313 Medium parameters used: $f = 5660$ MHz; $\sigma = 5.903$ S/m; $\epsilon_r = 46.707$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.75, 3.75, 3.75); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Configuration/Ch132/Area Scan (61x501x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 2.33 W/kg

Configuration/Ch132/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 23.589 V/m ; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 4.78 W/kg

SAR(1 g) = 1.12 W/kg ; SAR(10 g) = 0.378 W/kg

Maximum value of SAR (measured) = 2.71 W/kg

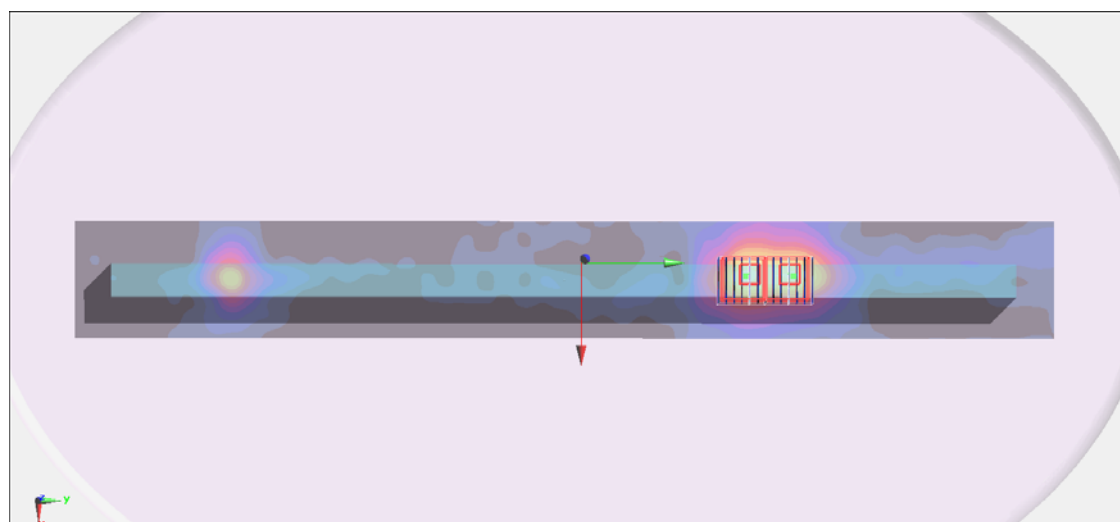
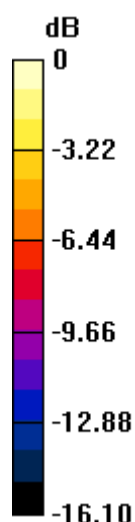
Configuration/Ch132/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 23.589 V/m ; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 4.43 W/kg

SAR(1 g) = 1.02 W/kg ; SAR(10 g) = 0.383 W/kg

Maximum value of SAR (measured) = 2.52 W/kg



0 dB = 2.52 W/kg = 4.01 dBW/kg

#48_WLAN5G_802.11a_Edge 1_0cm_Ch132;Ant 0+1_Repeat**DUT: 313102**

Communication System: 802.11a; Frequency: 5660 MHz; Duty Cycle: 1:1

Medium: MSL_5G_130313 Medium parameters used: $f = 5660$ MHz; $\sigma = 5.903$ S/m; $\epsilon_r = 46.707$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.75, 3.75, 3.75); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Configuration/Ch132/Area Scan (61x501x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 2.55 W/kg

Configuration/Ch132/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 4.588 V/m ; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 4.85 W/kg

SAR(1 g) = 1.11 W/kg ; SAR(10 g) = 0.405 W/kg

Maximum value of SAR (measured) = 2.68 W/kg

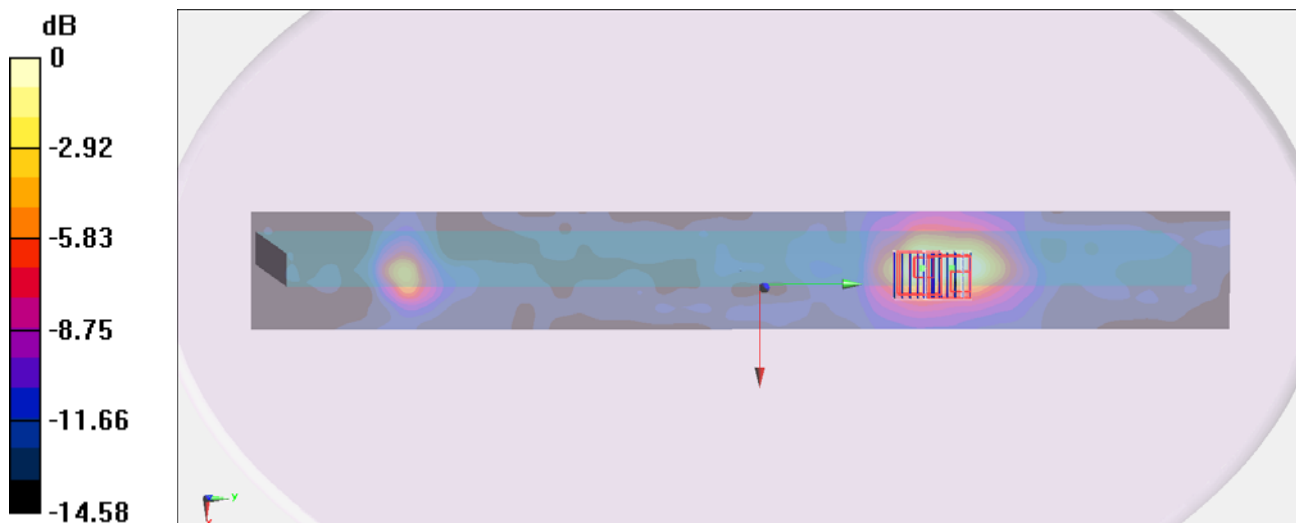
Configuration/Ch132/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 4.588 V/m ; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 7.63 W/kg

SAR(1 g) = 0.544 W/kg ; SAR(10 g) = 0.193 W/kg

Maximum value of SAR (measured) = 1.75 W/kg



#45_WLAN5G_802.11n-HT40_Edge 1_0cm_Ch110;Ant 0+1**DUT: 313102**

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

Medium: MSL_5G_130313 Medium parameters used: $f = 5550$ MHz; $\sigma = 5.726$ S/m; $\epsilon_r = 46.948$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.91, 3.91, 3.91); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Configuration/Ch110/Area Scan (61x501x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 2.23 W/kg

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

Reference Value = 22.402 V/m ; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 4.04 W/kg

SAR(1 g) = 0.970 W/kg ; SAR(10 g) = 0.321 W/kg

Maximum value of SAR (measured) = 2.35 W/kg

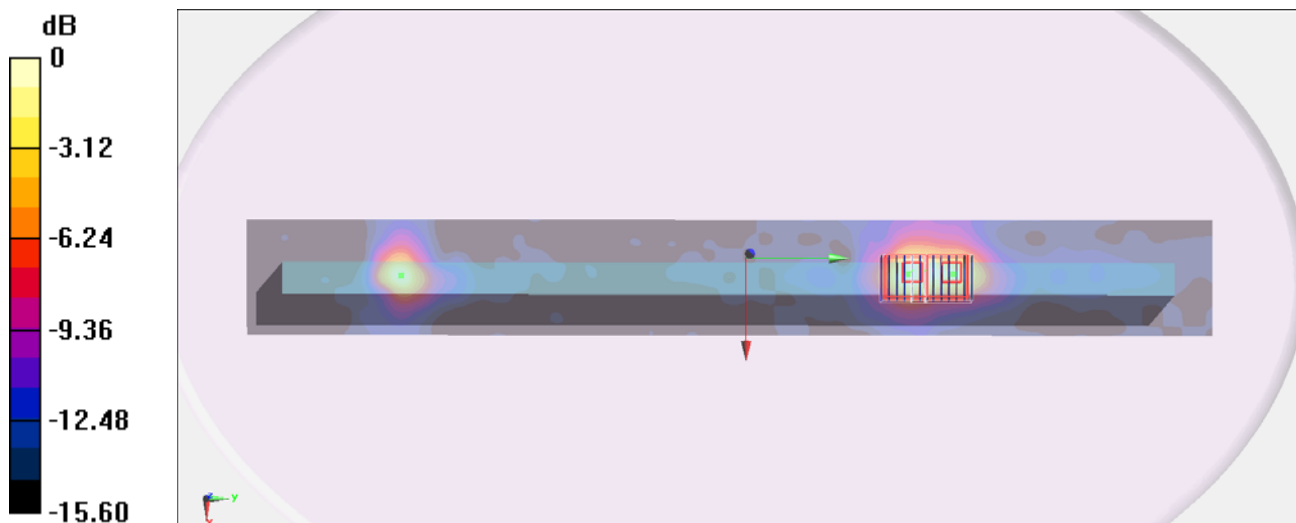
Configuration/Ch110/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 22.402 V/m ; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 3.14 W/kg

SAR(1 g) = 0.713 W/kg ; SAR(10 g) = 0.282 W/kg

Maximum value of SAR (measured) = 1.78 W/kg



0 dB = 1.78 W/kg = 2.50 dBW/kg

#46_WLAN5G_802.11n-HT40_Edge 1_0cm_Ch102;Ant 0+1**DUT: 313102**

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

Medium: MSL_5G_130313 Medium parameters used: $f = 5510$ MHz; $\sigma = 5.661$ S/m; $\epsilon_r = 46.996$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.91, 3.91, 3.91); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Configuration/Ch102/Area Scan (61x501x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 0.651 W/kg

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

Reference Value = 12.375 V/m ; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.22 W/kg

SAR(1 g) = 0.336 W/kg ; SAR(10 g) = 0.169 W/kg

Maximum value of SAR (measured) = 0.702 W/kg

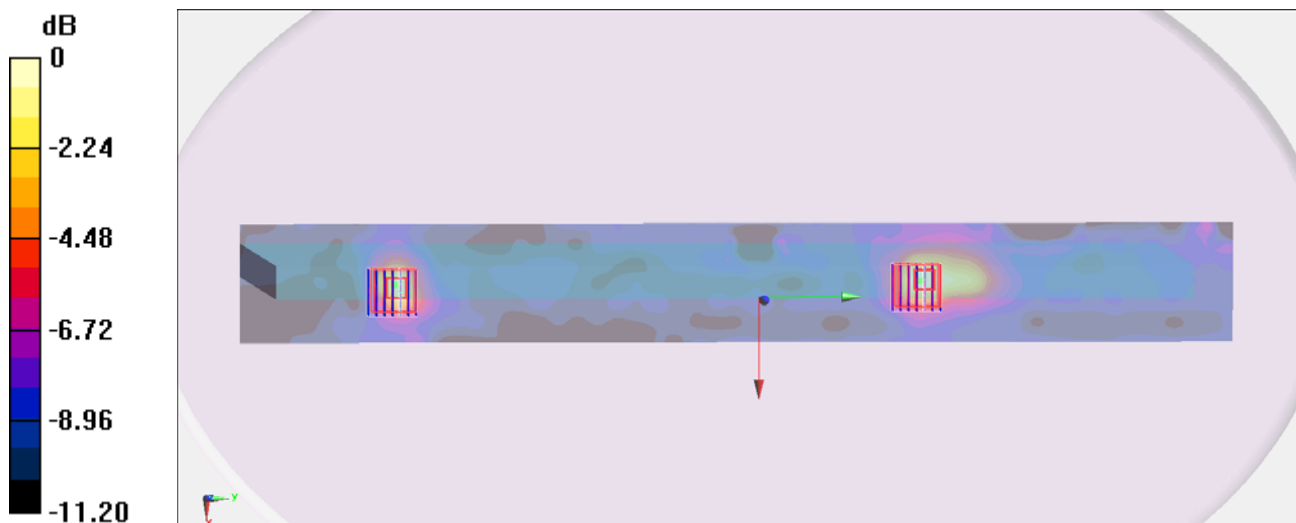
Configuration/Ch102/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 12.375 V/m ; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.299 W/kg ; SAR(10 g) = 0.146 W/kg

Maximum value of SAR (measured) = 0.610 W/kg



#47_WLAN5G_802.11n-HT40_Edge 1_0cm_Ch134;Ant 0+1**DUT: 313102**

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

Medium: MSL_5G_130313 Medium parameters used: $f = 5670$ MHz; $\sigma = 5.917$ S/m; $\epsilon_r = 46.693$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.75, 3.75, 3.75); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Configuration/Ch134/Area Scan (61x501x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 1.55 W/kg

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

Reference Value = 18.241 V/m ; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.93 W/kg

SAR(1 g) = 0.690 W/kg ; SAR(10 g) = 0.281 W/kg

Maximum value of SAR (measured) = 1.61 W/kg

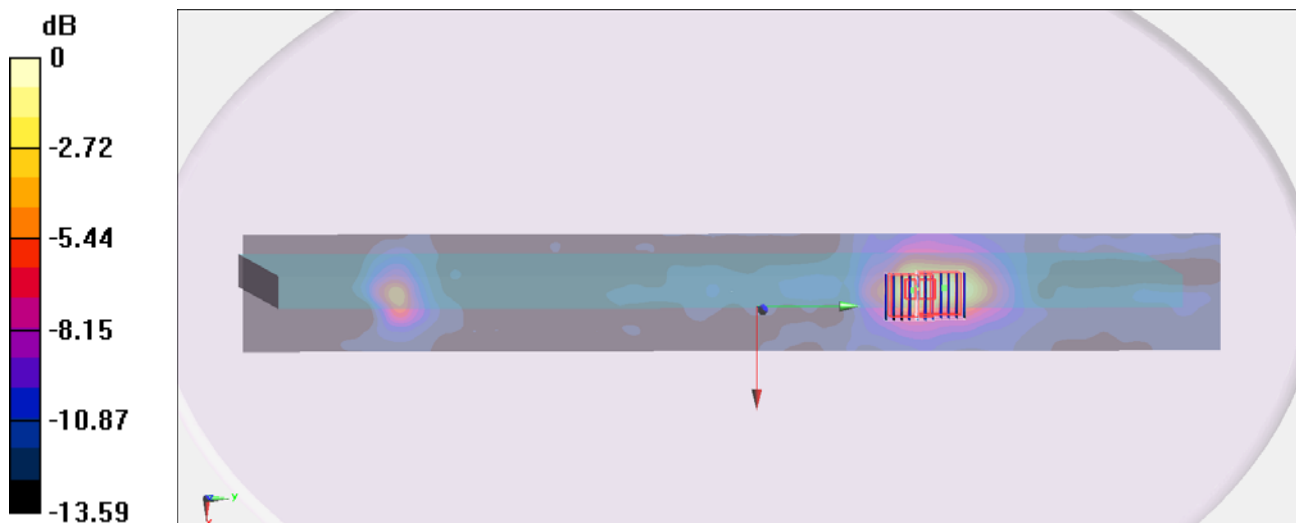
Configuration/Ch134/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 18.241 V/m ; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.78 W/kg

SAR(1 g) = 0.637 W/kg ; SAR(10 g) = 0.293 W/kg

Maximum value of SAR (measured) = 1.54 W/kg



#50_WLAN5G_802.11a_Edge 1_0cm_Ch132;Ant 0+1;Sample2**DUT: 313102**

Communication System: 802.11a; Frequency: 5660 MHz; Duty Cycle: 1:1

Medium: MSL_5G_130313 Medium parameters used : $f = 5660$ MHz; $\sigma = 5.903$ S/m; $\epsilon_r = 46.707$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.75, 3.75, 3.75); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Configuration/Ch132/Area Scan (61x501x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 1.77 W/kg

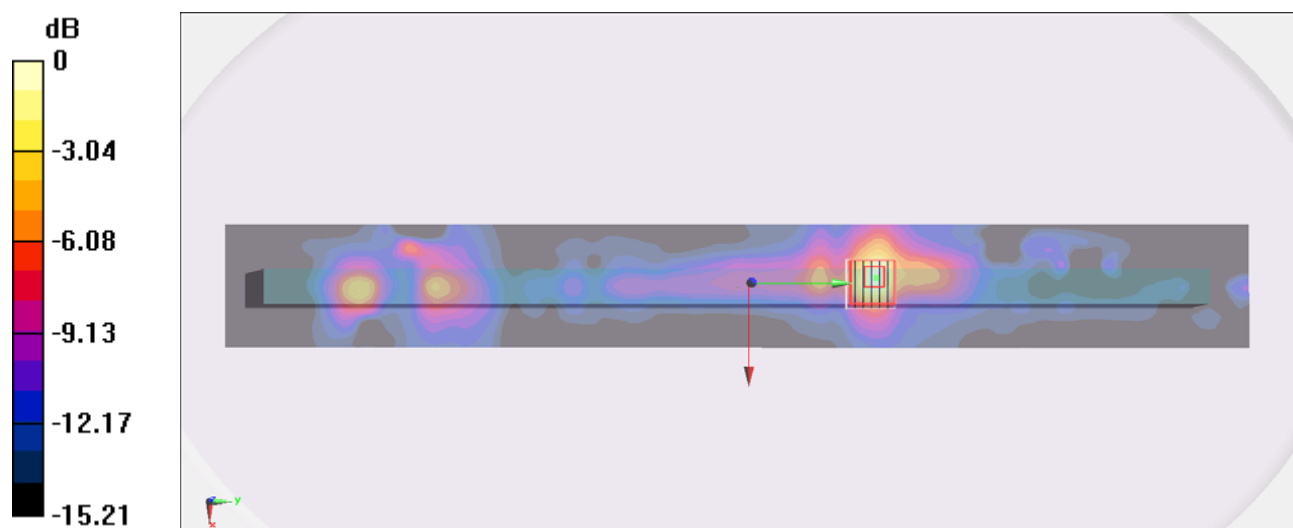
Configuration/Ch132/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 20.523 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 3.49 W/kg

SAR(1 g) = 0.857 W/kg; SAR(10 g) = 0.306 W/kg

Maximum value of SAR (measured) = 1.99 W/kg



0 dB = 1.99 W/kg = 2.99 dBW/kg

#54_WLAN5G_802.11a_Edge 1_0cm_Ch116;Ant 0+1;Sample2**DUT: 313102**

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

Medium: MSL_5G_130313 Medium parameters used : $f = 5580$ MHz; $\sigma = 5.764$ S/m; $\epsilon_r = 46.85$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.75, 3.75, 3.75); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Configuration/Ch116/Area Scan (61x501x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 1.43 W/kg

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

Reference Value = 17.858 V/m ; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 2.47 W/kg

SAR(1 g) = 0.644 W/kg ; SAR(10 g) = 0.249 W/kg

Maximum value of SAR (measured) = 1.40 W/kg

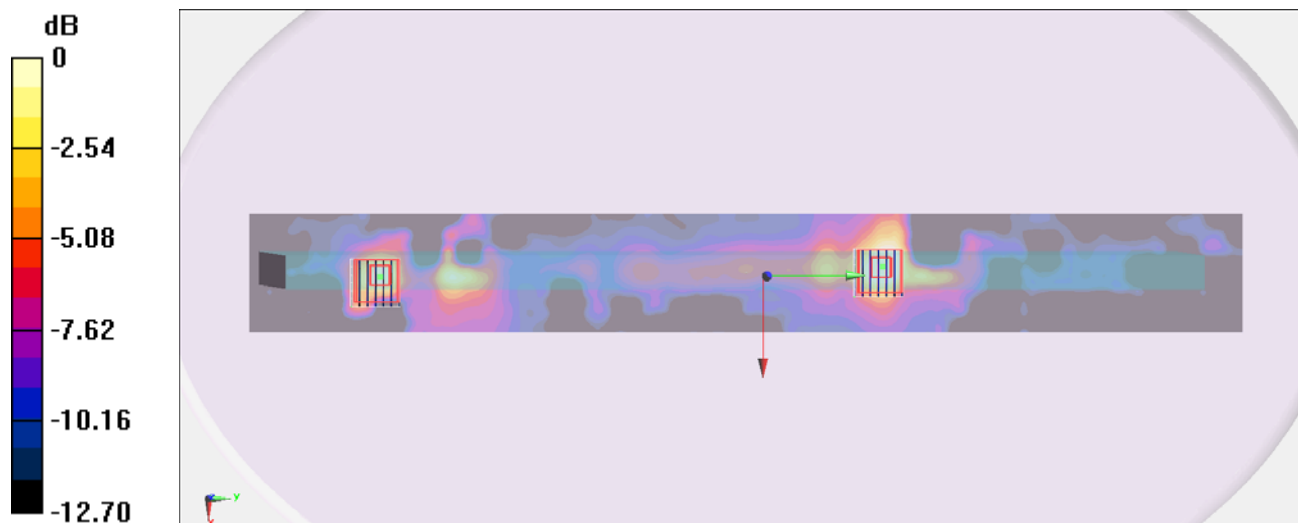
Configuration/Ch116/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 17.858 V/m ; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.63 W/kg

SAR(1 g) = 0.409 W/kg ; SAR(10 g) = 0.164 W/kg

Maximum value of SAR (measured) = 0.947 W/kg



0 dB = 0.947 W/kg = -0.24 dBW/kg

#55_WLAN5G_802.11a_Edge 1_0cm_Ch108;Ant 0+1;Sample2**DUT: 313102**

Communication System: 802.11a; Frequency: 5540 MHz; Duty Cycle: 1:1

Medium: MSL_5G_130313 Medium parameters used : $f = 5540$ MHz; $\sigma = 5.71$ S/m; $\epsilon_r = 46.96$; $\rho = 1000$ kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(3.91, 3.91, 3.91); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Configuration/Ch108/Area Scan (61x501x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 1.20 W/kg**Configuration/Ch108/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 16.689 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.15 W/kg

SAR(1 g) = 0.562 W/kg; SAR(10 g) = 0.215 W/kg

Maximum value of SAR (measured) = 1.25 W/kg

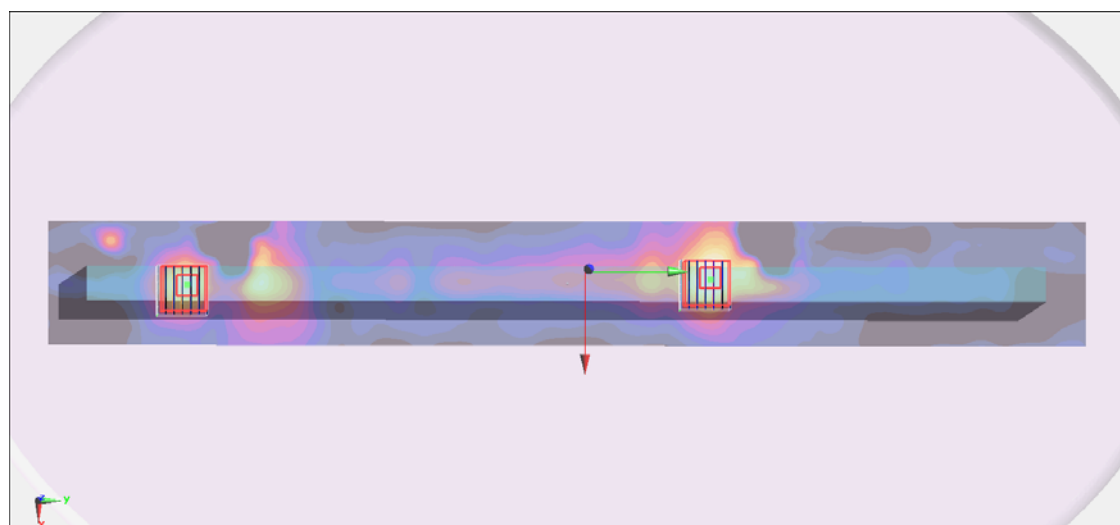
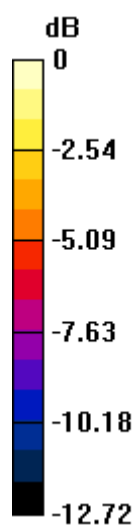
Configuration/Ch108/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 16.689 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.61 W/kg

SAR(1 g) = 0.389 W/kg; SAR(10 g) = 0.157 W/kg

Maximum value of SAR (measured) = 0.875 W/kg



0 dB = 0.875 W/kg = -0.58 dBW/kg

#35_WLAN5G_802.11a_Bottom Face_0cm_Ch149;Ant 0+1**DUT: 313102**

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

Medium: MSL_5G_130313 Medium parameters used: $f = 5745$ MHz; $\sigma = 6.085$ S/m; $\epsilon_r = 46.7$; $\rho = 1000$

kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Configuration/Ch149/Area Scan (91x501x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.695 W/kg

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

Reference Value = 7.668 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.504 W/kg

SAR(1 g) = 0.204 W/kg; SAR(10 g) = 0.116 W/kg

Maximum value of SAR (measured) = 0.360 W/kg

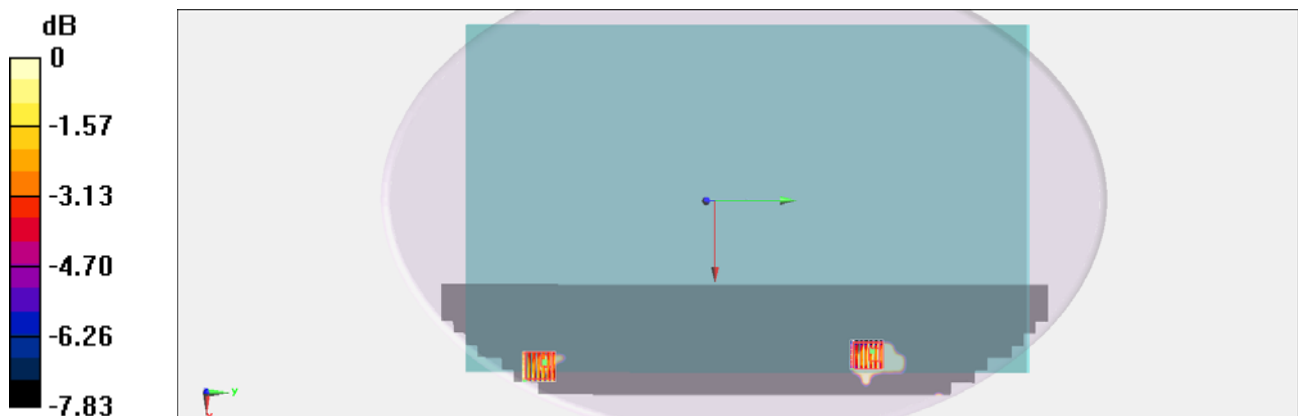
Configuration/Ch149/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.668 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.311 W/kg

SAR(1 g) = 0.110 W/kg; SAR(10 g) = 0.088 W/kg

Maximum value of SAR (measured) = 0.175 W/kg



#36_WLAN5G_802.11a_Edge 1_0cm_Ch149;Ant 0+1**DUT: 313102**

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

Medium: MSL_5G_130313 Medium parameters used: $f = 5745$ MHz; $\sigma = 6.085$ S/m; $\epsilon_r = 46.7$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Configuration/Ch149/Area Scan (61x501x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.08 W/kg

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

Reference Value = 16.557 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.24 W/kg

SAR(1 g) = 0.548 W/kg; SAR(10 g) = 0.204 W/kg

Maximum value of SAR (measured) = 1.32 W/kg

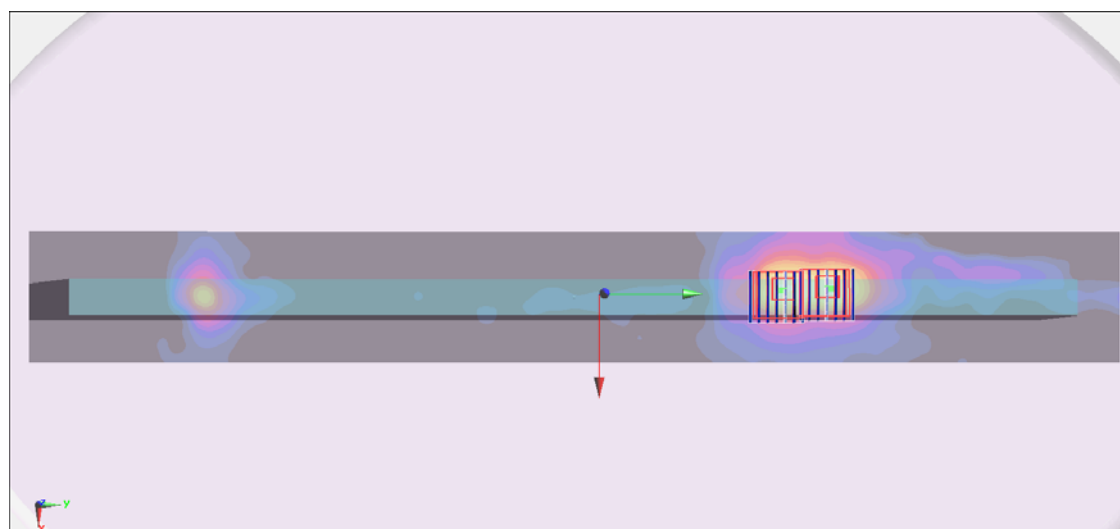
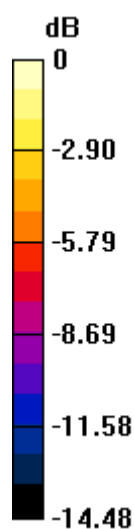
Configuration/Ch149/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 16.557 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.15 W/kg

SAR(1 g) = 0.539 W/kg; SAR(10 g) = 0.220 W/kg

Maximum value of SAR (measured) = 1.25 W/kg



0 dB = 1.25 W/kg = 0.97 dBW/kg

#56_WLAN5G_802.11a_Edge 4_0cm_Ch149;Ant 0+1**DUT: 313102**

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

Medium: MSL_5G_130313 Medium parameters used : $f = 5745$ MHz; $\sigma = 6.085$ S/m; $\epsilon_r = 46.7$; $\rho = 1000$

kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Configuration/Ch149/Area Scan (71x151x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 0.0755 W/kg

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

Reference Value = 3.547 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.101 W/kg

SAR(1 g) = 0.086 W/kg; SAR(10 g) = 0.077 W/kg

Maximum value of SAR (measured) = 0.0999 W/kg

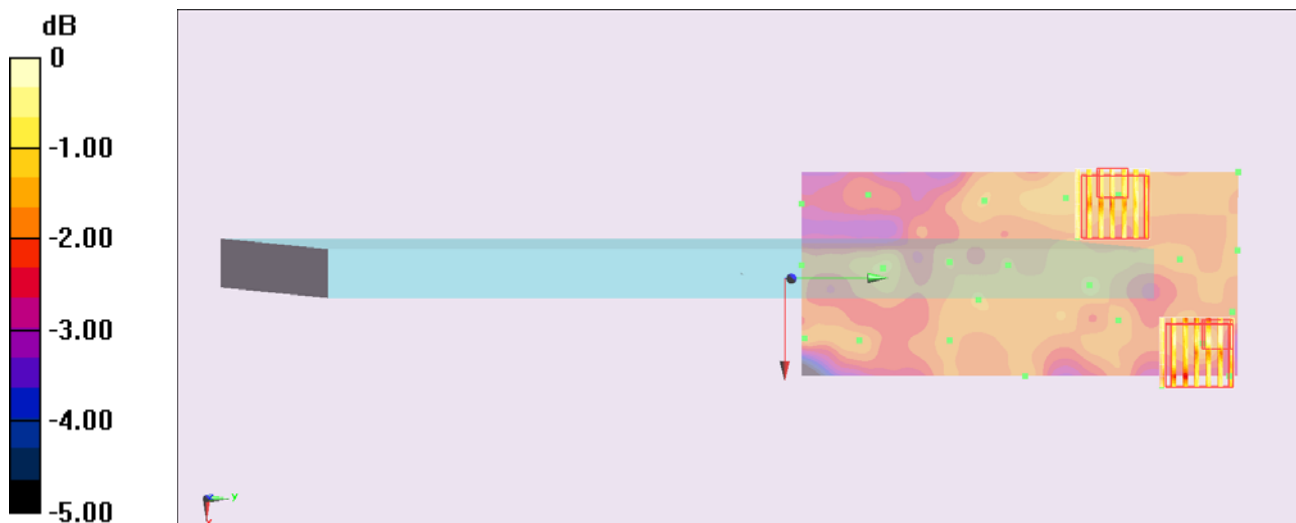
Configuration/Ch149/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 3.547 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.0950 W/kg

SAR(1 g) = 0.085 W/kg; SAR(10 g) = 0.078 W/kg

Maximum value of SAR (measured) = 0.0948 W/kg



#37_WLAN5G_802.11n-HT20_Edge 1_0cm_Ch157;Ant 0+1**DUT: 313102**

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

Medium: MSL_5G_130313 Medium parameters used: $f = 5785$ MHz; $\sigma = 6.131$ S/m; $\epsilon_r = 46.556$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Configuration/Ch157/Area Scan (61x501x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 1.50 W/kg

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

Reference Value = 19.119 V/m ; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.96 W/kg

SAR(1 g) = 0.731 W/kg ; SAR(10 g) = 0.283 W/kg

Maximum value of SAR (measured) = 1.72 W/kg

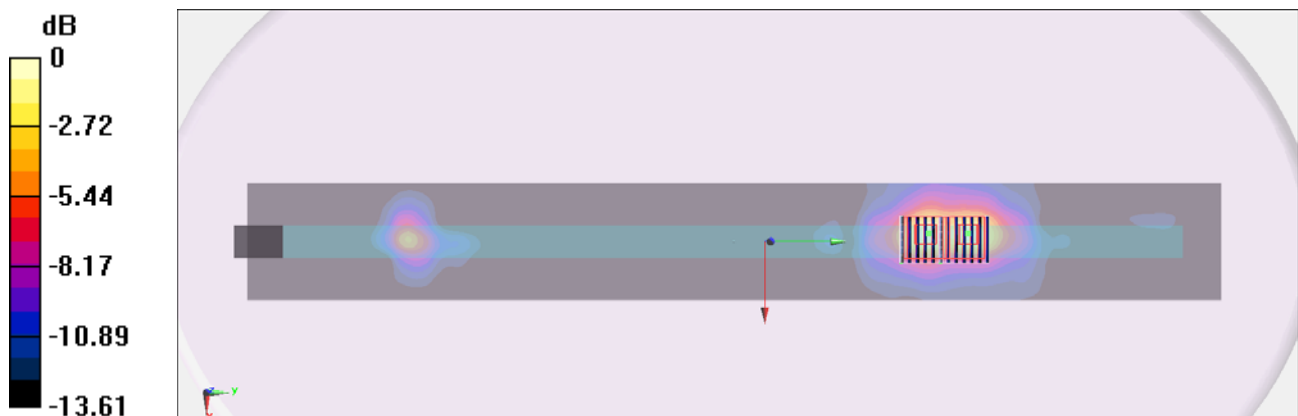
Configuration/Ch157/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 19.119 V/m ; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.89 W/kg

SAR(1 g) = 0.703 W/kg ; SAR(10 g) = 0.284 W/kg

Maximum value of SAR (measured) = 1.62 W/kg



0 dB = $1.62 \text{ W/kg} = 2.10 \text{ dBW/kg}$

#38_WLAN5G_802.11n-HT40_Edge 1_0cm_Ch151;Ant 0+1**DUT: 313102**

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

Medium: MSL_5G_130313 Medium parameters used: $f = 5755$ MHz; $\sigma = 6.103$ S/m; $\epsilon_r = 46.684$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Configuration/Ch151/Area Scan (61x501x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 1.99 W/kg

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

Reference Value = 22.058 V/m ; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 4.06 W/kg

SAR(1 g) = 0.974 W/kg ; SAR(10 g) = 0.373 W/kg

Maximum value of SAR (measured) = 2.36 W/kg

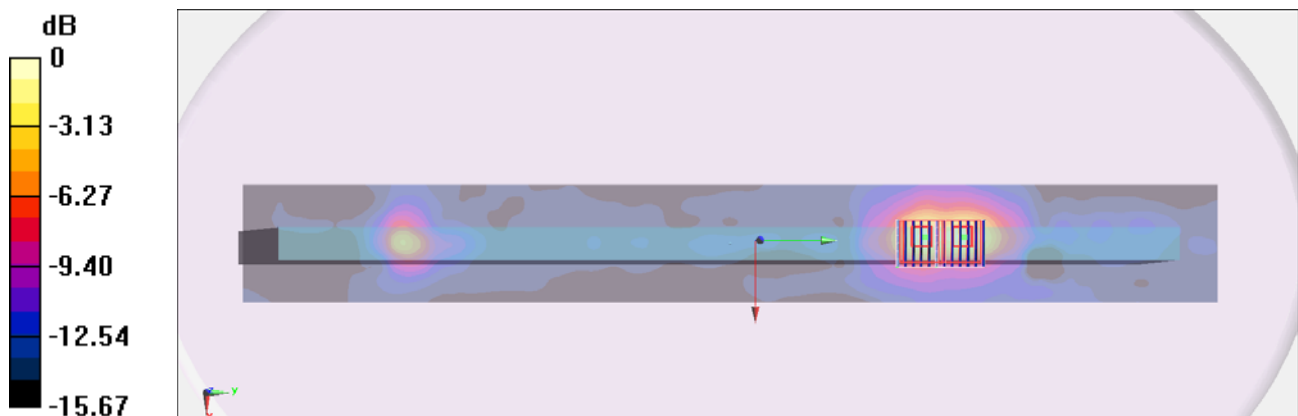
Configuration/Ch151/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 22.058 V/m ; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 3.95 W/kg

SAR(1 g) = 0.961 W/kg ; SAR(10 g) = 0.360 W/kg

Maximum value of SAR (measured) = 2.31 W/kg



$0 \text{ dB} = 2.31 \text{ W/kg} = 3.64 \text{ dBW/kg}$

#39_WLAN5G_802.11n-HT40_Edge 1_0cm_Ch151;Ant 0+1_Repeat**DUT: 313102**

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

Medium: MSL_5G_130313 Medium parameters used: $f = 5755$ MHz; $\sigma = 6.103$ S/m; $\epsilon_r = 46.684$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Configuration/Ch151/Area Scan (61x501x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.05 W/kg

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

Reference Value = 19.141 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 3.66 W/kg

SAR(1 g) = 0.899 W/kg; SAR(10 g) = 0.342 W/kg

Maximum value of SAR (measured) = 2.13 W/kg

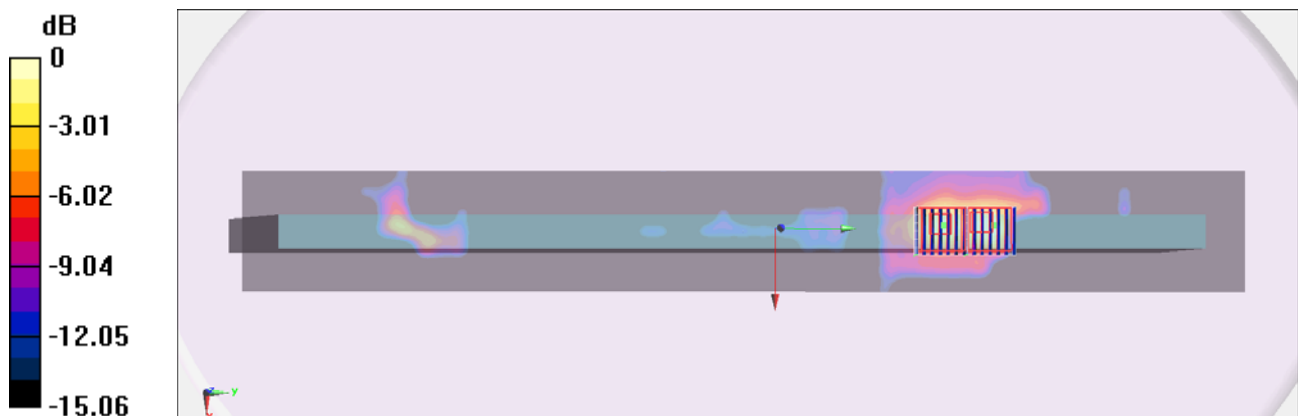
Configuration/Ch151/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 19.141 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 4.75 W/kg

SAR(1 g) = 0.888 W/kg; SAR(10 g) = 0.345 W/kg

Maximum value of SAR (measured) = 2.14 W/kg



0 dB = 2.14 W/kg = 3.30 dBW/kg

#40_WLAN5G_802.11n-HT40_Edge 1_0cm_Ch159;Ant 0+1**DUT: 313102**

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

Medium: MSL_5G_130313 Medium parameters used: $f = 5795$ MHz; $\sigma = 6.14$ S/m; $\epsilon_r = 46.513$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Configuration/Ch159/Area Scan (61x501x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 1.52 W/kg

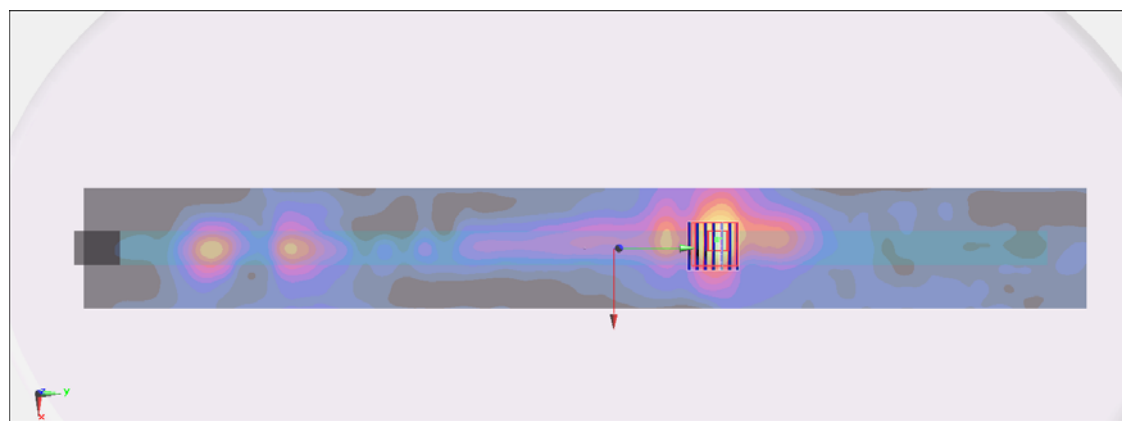
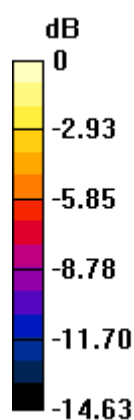
Configuration/Ch159/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$,
 $dz=1.4\text{mm}$

Reference Value = 19.914 V/m ; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 3.04 W/kg

SAR(1 g) = 0.788 W/kg ; SAR(10 g) = 0.297 W/kg

Maximum value of SAR (measured) = 1.80 W/kg



0 dB = 1.80 W/kg = 2.55 dBW/kg

#49_WLAN5G_802.11n-HT40_Edge 1_0cm_Ch151;Ant 0+1;Sample2**DUT: 313102**

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

Medium: MSL_5G_130313 Medium parameters used: $f = 5755$ MHz; $\sigma = 6.103$ S/m; $\epsilon_r = 46.684$; $\rho =$

1000 kg/m^3

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.06, 4.06, 4.06); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Configuration/Ch151/Area Scan (61x501x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 1.68 W/kg

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

Reference Value = 19.140 V/m ; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.86 W/kg

SAR(1 g) = 0.717 W/kg ; SAR(10 g) = 0.254 W/kg

Maximum value of SAR (measured) = 1.72 W/kg

