

#02_WLAN2.4GHz_802.11b 1Mbps_Bottom Face_0cm_Ch6

DUT: 332120-01

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

Medium: MSL_2450_130619 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.991$ S/m; $\epsilon_r = 53.834$; $\rho =$

1000 kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °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 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch6/Area Scan (71x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.812 W/kg

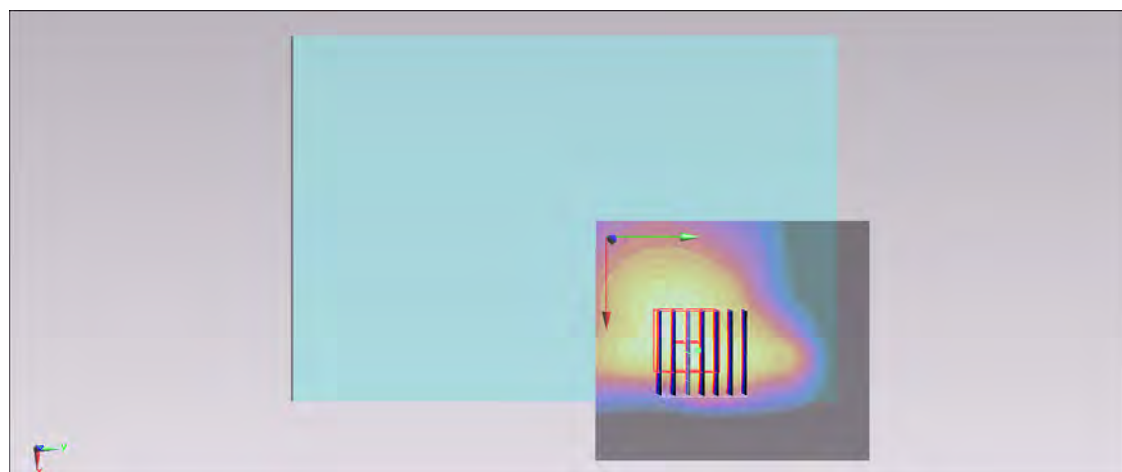
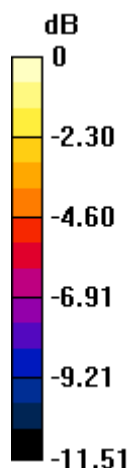
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 18.707 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.558 W/kg; SAR(10 g) = 0.308 W/kg

Maximum value of SAR (measured) = 0.716 W/kg



0 dB = 0.716 W/kg = -1.45 dBW/kg

#50_WLAN2.4G_802.11g 6Mbps_Bottom Face_0cm_Ch6

DUT: 332120-01

Communication System: 802.11g; Frequency: 2437 MHz; Duty Cycle: 1:1.010

Medium: MSL_2450_130815 Medium parameters used: $f = 2437$ MHz; $\sigma = 2.001$ mho/m; $\epsilon_r = 53.956$; ρ

$= 1000$ kg/m³

Ambient Temperature : 23.3°C; Liquid Temperature : 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.44, 7.44, 7.44); Calibrated: 2013/6/12;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch6/Area Scan (71x81x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 1.26 mW/g

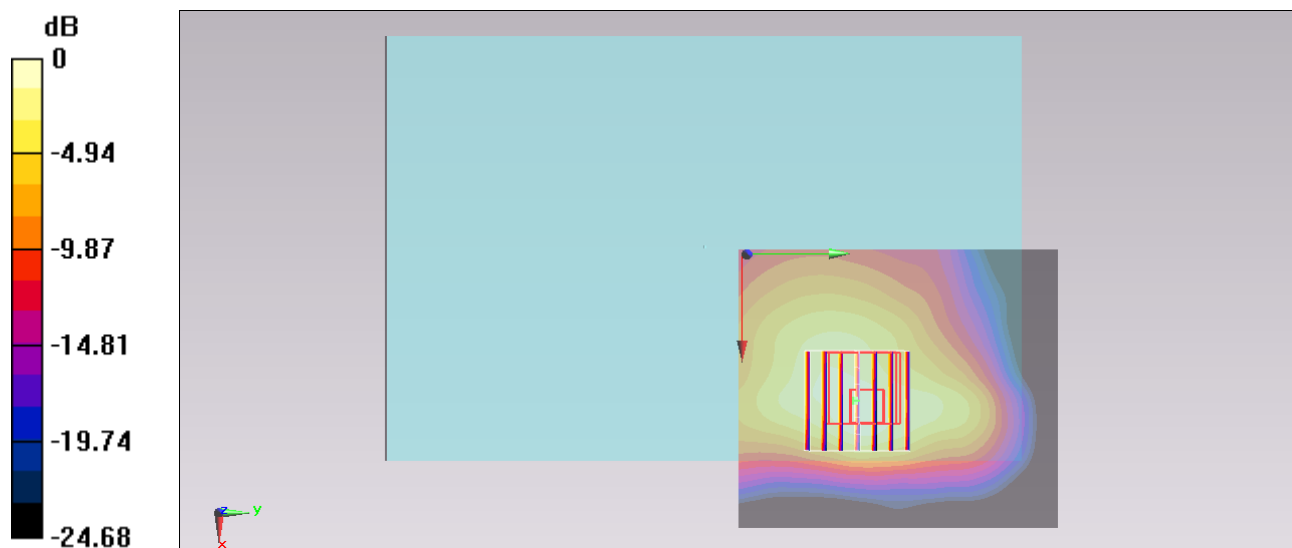
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.588 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 2.030 mW/g

SAR(1 g) = 0.798 mW/g; SAR(10 g) = 0.374 mW/g

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



0 dB = 1.27 mW/g = 2.08 dB mW/g

#51_WLAN2.4G_802.11g 6Mbps_Bottom Face_0cm_Ch1

DUT: 332120-01

Communication System: 802.11g; Frequency: 2412 MHz; Duty Cycle: 1:1.010

Medium: MSL_2450_130815 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.963$ mho/m; $\epsilon_r = 54.025$; ρ

$= 1000$ kg/m³

Ambient Temperature : 23.3°C; Liquid Temperature : 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.44, 7.44, 7.44); Calibrated: 2013/6/12;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch1/Area Scan (71x81x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (interpolated) = 0.900 mW/g

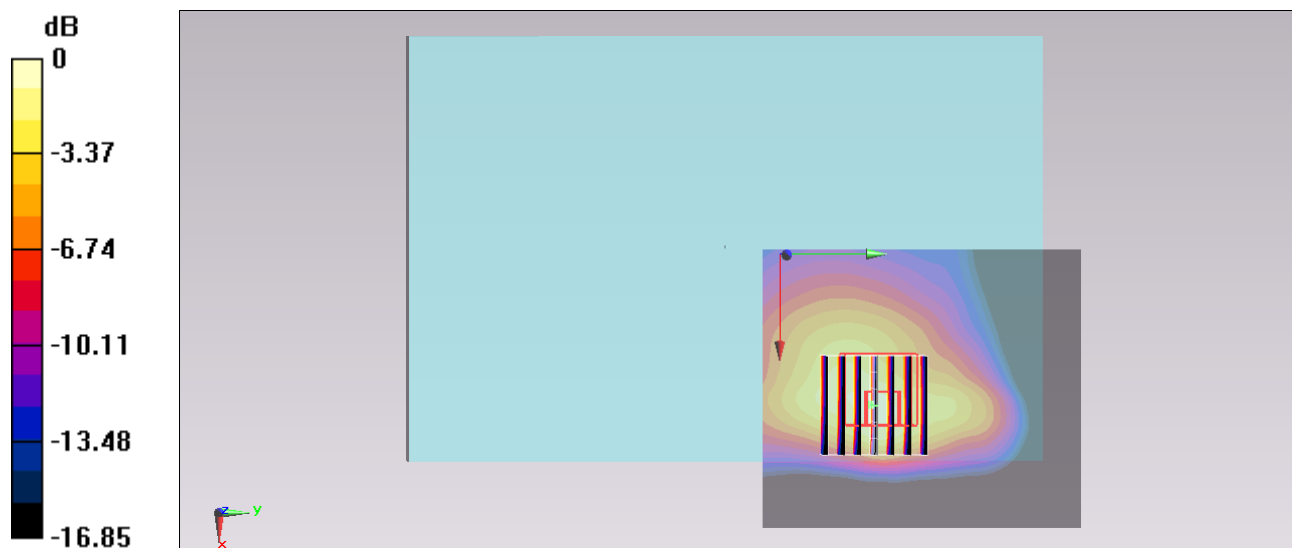
Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.175 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.571 mW/g

SAR(1 g) = 0.621 mW/g; SAR(10 g) = 0.286 mW/g

Maximum value of SAR (measured) = 1.03 mW/g



0 dB = 1.03 mW/g = 0.26 dB mW/g

#52_WLAN2.4G_802.11g 6Mbps_Bottom Face_0cm_Ch11

DUT: 332120-01

Communication System: 802.11g; Frequency: 2462 MHz; Duty Cycle: 1:1.010

Medium: MSL_2450_130815 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.037$ mho/m; $\epsilon_r = 53.921$; ρ

$= 1000$ kg/m³

Ambient Temperature : 23.3°C; Liquid Temperature : 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.44, 7.44, 7.44); Calibrated: 2013/6/12;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch11/Area Scan (71x81x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.884 mW/g

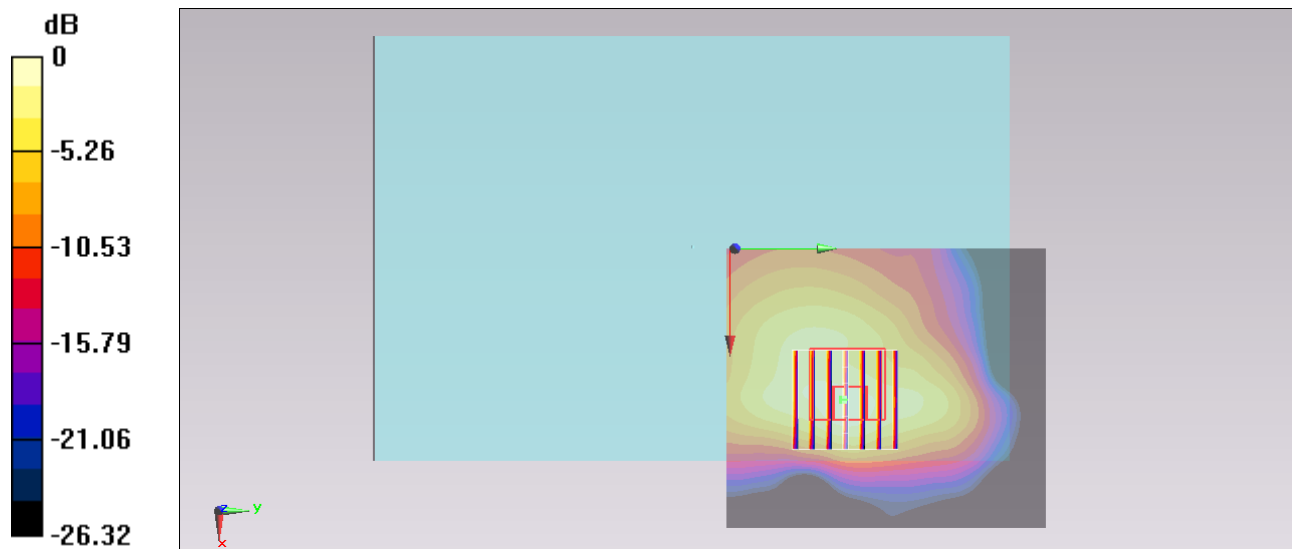
Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.555 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.371 mW/g

SAR(1 g) = 0.532 mW/g; SAR(10 g) = 0.241 mW/g

Maximum value of SAR (measured) = 0.921 mW/g



0 dB = 0.921 mW/g = -0.71 dB mW/g

#54_WLAN2.4G_8802.11n-HT20 MCS0_Bottom Face_0cm_Ch6

DUT: 332120-01

Communication System: 802.11n; Frequency: 2437 MHz; Duty Cycle: 1:1.011

Medium: MSL_2450_130815 Medium parameters used: $f = 2437$ MHz; $\sigma = 2.001$ mho/m; $\epsilon_r = 53.956$; ρ

$= 1000$ kg/m³

Ambient Temperature : 23.3°C; Liquid Temperature : 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.44, 7.44, 7.44); Calibrated: 2013/6/12;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch6/Area Scan (51x91x1): Measurement grid: dx=12mm, dy=12mm

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

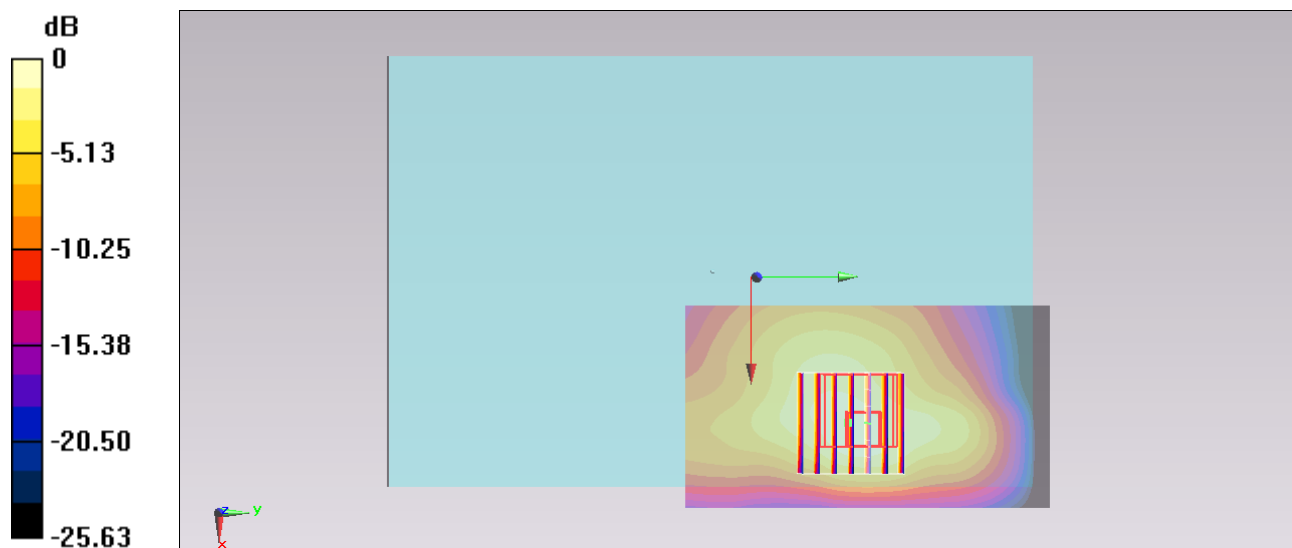
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.747 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.963 mW/g

SAR(1 g) = 0.768 mW/g; SAR(10 g) = 0.354 mW/g

Maximum value of SAR (measured) = 1.23 mW/g



0 dB = 1.23 mW/g = 1.80 dB mW/g

#03_WLAN2.4GHz_802.11b 1Mbps_Edge 1_0cm_Ch6

DUT: 332120-01

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

Medium: MSL_2450_130619 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.991$ S/m; $\epsilon_r = 53.834$; $\rho =$

1000 kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °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 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch6/Area Scan (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
 Maximum value of SAR (interpolated) = 0.483 W/kg

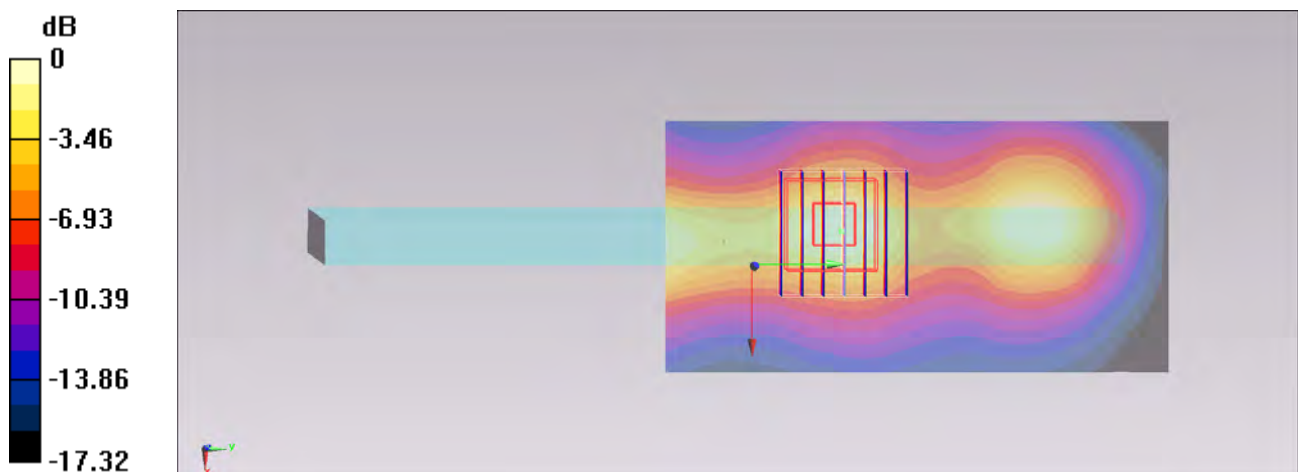
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.702 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.772 W/kg

SAR(1 g) = 0.363 W/kg; SAR(10 g) = 0.171 W/kg

Maximum value of SAR (measured) = 0.468 W/kg



0 dB = 0.468 W/kg = -3.30 dBW/kg

#53_WLAN2.4G_802.11g 6Mbps_Edge 1_0cm_Ch6

DUT: 332120-01

Communication System: 802.11g; Frequency: 2437 MHz; Duty Cycle: 1:1.010

Medium: MSL_2450_130815 Medium parameters used: $f = 2437$ MHz; $\sigma = 2.001$ mho/m; $\epsilon_r = 53.956$; ρ

$= 1000$ kg/m³

Ambient Temperature : 23.3°C; Liquid Temperature : 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.44, 7.44, 7.44); Calibrated: 2013/6/12;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch6/Area Scan (51x91x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (interpolated) = 0.664 mW/g

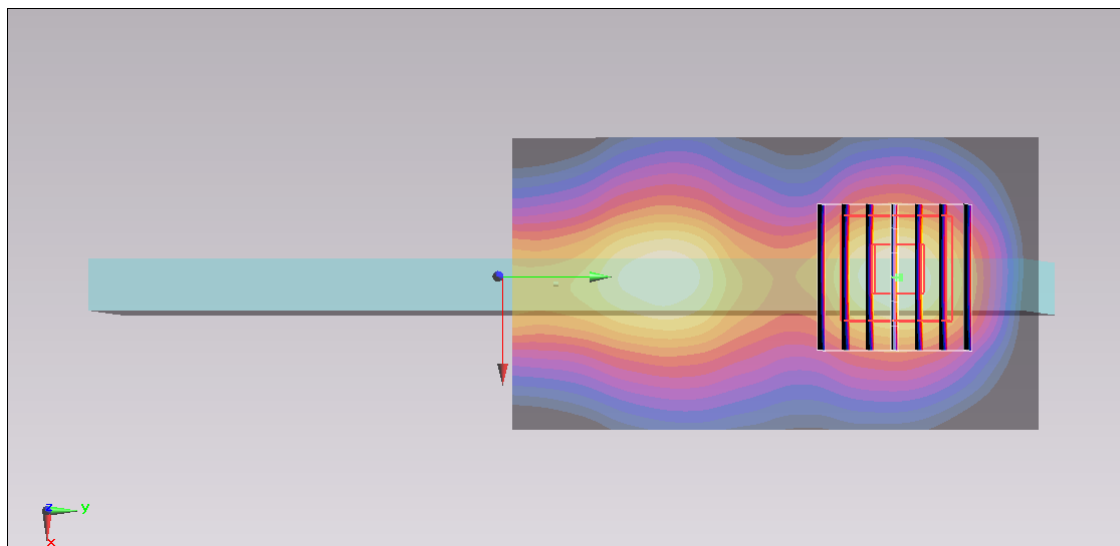
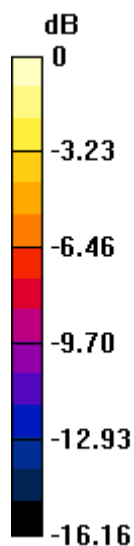
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.336 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.811 mW/g

SAR(1 g) = 0.394 mW/g; SAR(10 g) = 0.177 mW/g

Maximum value of SAR (measured) = 0.595 mW/g



0 dB = 0.595 mW/g = -4.51 dB mW/g

#55_WLAN2.4G_802.11n-HT20 MCS0_Edge 1_0cm_Ch6

DUT: 332120-01

Communication System: 802.11n; Frequency: 2437 MHz; Duty Cycle: 1:1.011

Medium: MSL_2450_130815 Medium parameters used: $f = 2437$ MHz; $\sigma = 2.001$ mho/m; $\epsilon_r = 53.956$; ρ

$= 1000$ kg/m³

Ambient Temperature : 23.3°C; Liquid Temperature : 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.44, 7.44, 7.44); Calibrated: 2013/6/12;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2013/5/8
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch6/Area Scan (51x91x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.673 mW/g

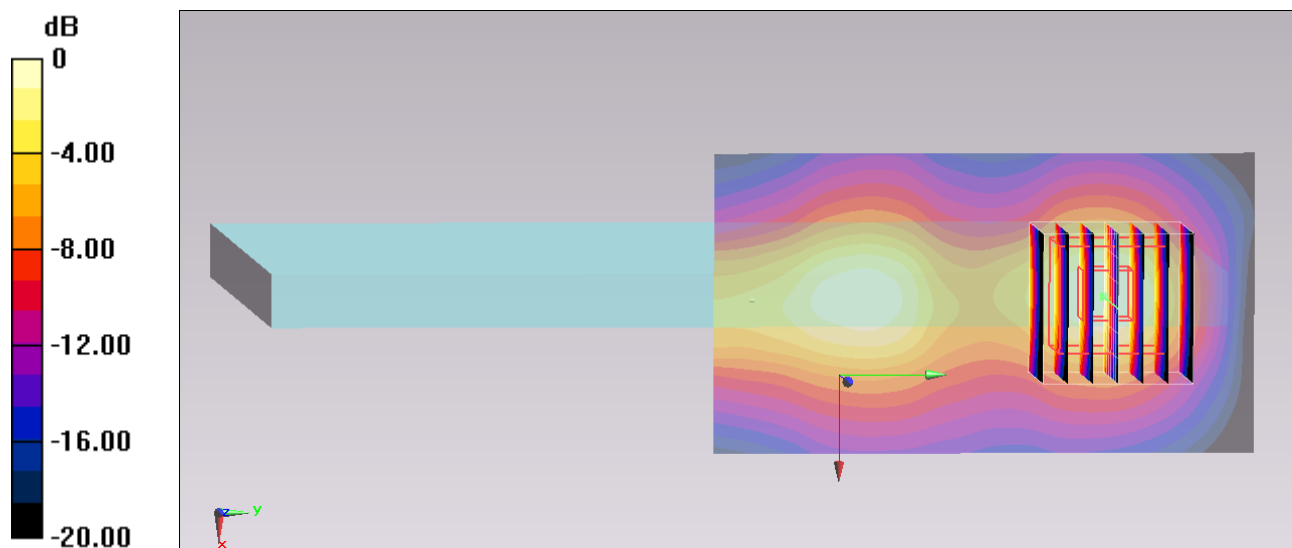
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.477 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.810 mW/g

SAR(1 g) = 0.394 mW/g; SAR(10 g) = 0.176 mW/g

Maximum value of SAR (measured) = 0.595 mW/g



0 dB = 0.595 mW/g = -4.51 dB mW/g

#01_WLAN2.4GHz_802.11b 1Mbps_Bottom Face-Slant of Edge1_0cm_Ch6

DUT: 332120-01

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

Medium: MSL_2450_130619 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.991$ S/m; $\epsilon_r = 53.834$; $\rho =$

1000 kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °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 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch6/Area Scan (71x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.902 W/kg

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

Reference Value = 18.467 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.624 W/kg; SAR(10 g) = 0.287 W/kg

Maximum value of SAR (measured) = 0.816 W/kg



0 dB = 0.816 W/kg = -0.88 dBW/kg

#05_WLAN2.4GHz_802.11g 6Mbps_Bottom Face-Slant of Edge1_0cm_Ch6

DUT: 332120-01

Communication System: 802.11g; Frequency: 2437 MHz; Duty Cycle: 1:1.01

Medium: MSL_2450_130619 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.991$ S/m; $\epsilon_r = 53.834$; $\rho =$

1000 kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °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 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch6/Area Scan (71x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.07 W/kg

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

Reference Value = 21.205 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.99 W/kg

SAR(1 g) = 0.763 W/kg; SAR(10 g) = 0.352 W/kg

Maximum value of SAR (measured) = 1.04 W/kg

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

Reference Value = 21.205 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.65 W/kg

SAR(1 g) = 0.745 W/kg; SAR(10 g) = 0.342 W/kg

Maximum value of SAR (measured) = 0.939 W/kg



0 dB = 0.939 W/kg = -0.27 dBW/kg

#08_WLAN2.4GHz_802.11n-HT20 MCS0_Bottom Face-Slant of Edge1_0cm_Ch6

DUT: 332120-01

Communication System: 802.11n; Frequency: 2437 MHz; Duty Cycle: 1:1.011

Medium: MSL_2450_130619 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.991$ S/m; $\epsilon_r = 53.834$; $\rho =$

1000 kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °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 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch6/Area Scan (71x81x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
Maximum value of SAR (interpolated) = 1.24 W/kg

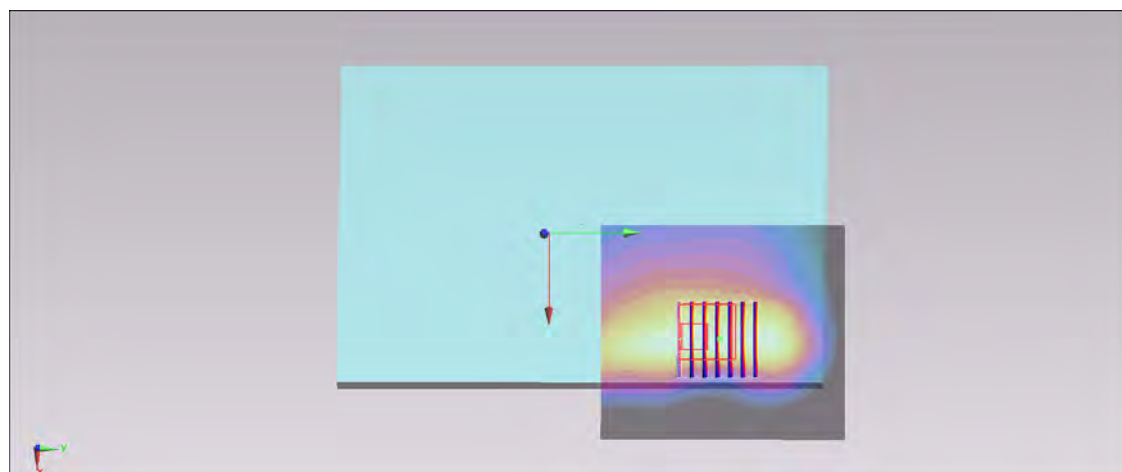
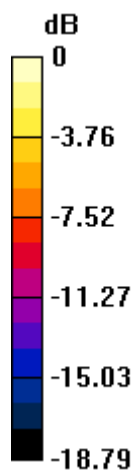
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 23.814 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 2.07 W/kg

SAR(1 g) = 0.826 W/kg; SAR(10 g) = 0.372 W/kg

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



0 dB = 1.12 W/kg = 0.49 dBW/kg

#11_WLAN2.4GHz_802.11n-HT20 MCS0_Bottom Face-Slant of Edge1_0cm_Ch6;Repeat

DUT: 332120-01

Communication System: 802.11n; Frequency: 2437 MHz; Duty Cycle: 1:1.011

Medium: MSL_2450_130619 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.991$ S/m; $\epsilon_r = 53.834$; $\rho =$

1000 kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °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 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch6/Area Scan (71x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
 Maximum value of SAR (interpolated) = 1.10 W/kg

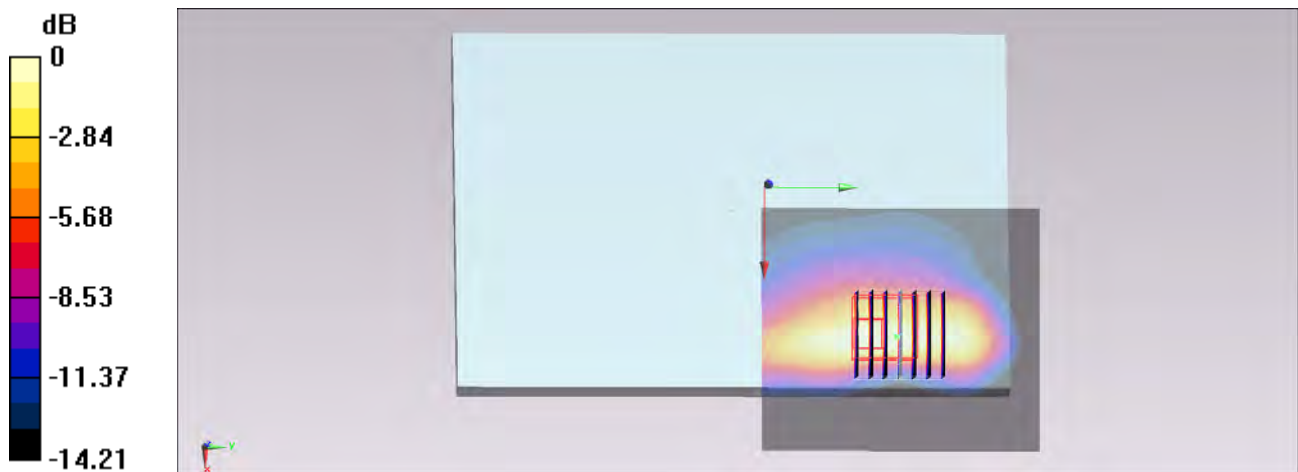
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.852 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.79 W/kg

SAR(1 g) = 0.739 W/kg; SAR(10 g) = 0.335 W/kg

Maximum value of SAR (measured) = 1.00 W/kg



0 dB = 1.00 W/kg = 0.00 dBW/kg

#09_WLAN2.4GHz_802.11n-HT20 MCS0_Bottom Face-Slant of Edge1_0cm_Ch1

DUT: 332120-01

Communication System: 802.11n; Frequency: 2412 MHz; Duty Cycle: 1:1.011

Medium: MSL_2450_130619 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.954$ S/m; $\epsilon_r = 53.903$; $\rho =$

1000 kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °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 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch1/Area Scan (71x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.761 W/kg

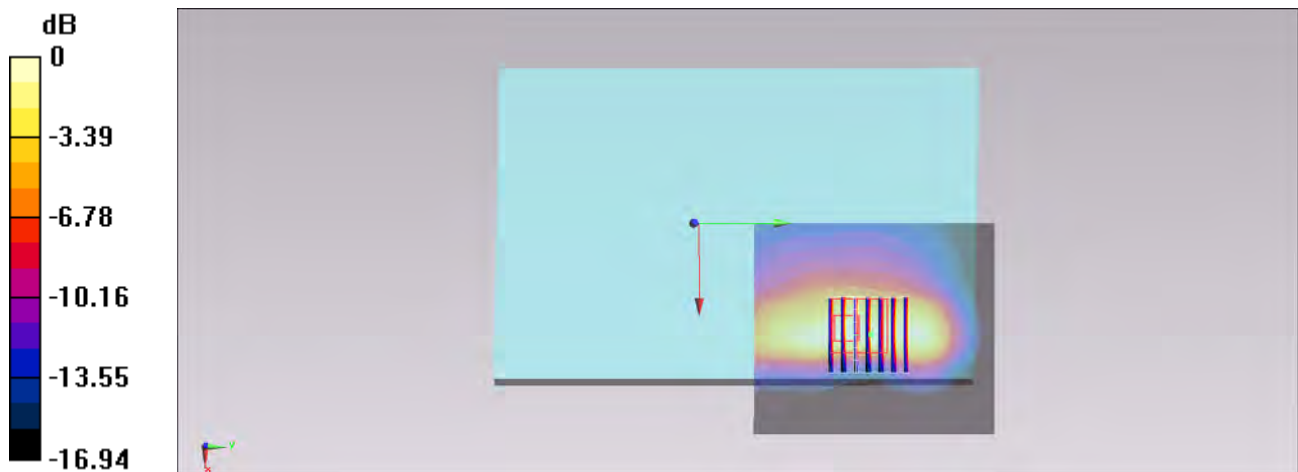
Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.657 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.535 W/kg; SAR(10 g) = 0.244 W/kg

Maximum value of SAR (measured) = 0.733 W/kg



0 dB = 0.733 W/kg = -1.35 dBW/kg

#10_WLAN2.4GHz_802.11n-HT20 MCS0_Bottom Face-Slant of Edge1_0cm_Ch11

DUT: 332120-01

Communication System: 802.11n; Frequency: 2462 MHz; Duty Cycle: 1:1.011

Medium: MSL_2450_130619 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.027$ S/m; $\epsilon_r = 53.798$; $\rho =$

1000 kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °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 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch11/Area Scan (71x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
 Maximum value of SAR (interpolated) = 1.03 W/kg

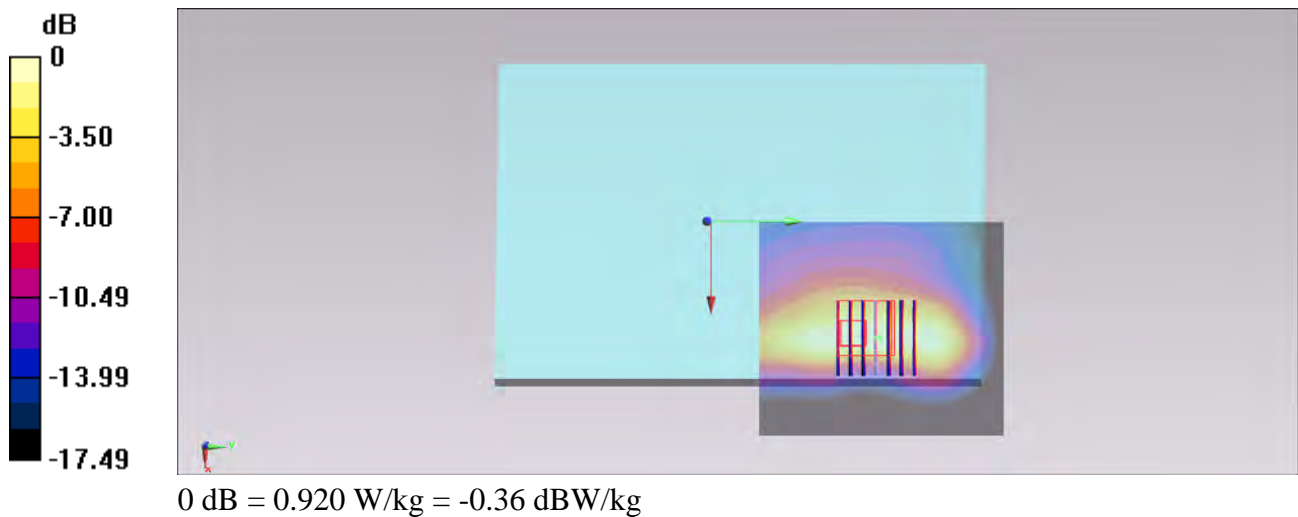
Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.849 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.68 W/kg

SAR(1 g) = 0.691 W/kg; SAR(10 g) = 0.313 W/kg

Maximum value of SAR (measured) = 0.920 W/kg



#12_WLAN5GHz_802.11a 6Mbps_Bottom Face-Slant of Edge1_0cm_Ch36

DUT: 332120-01

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1.01

Medium: MSL_5G_130619 Medium parameters used: $f = 5180$ MHz; $\sigma = 5.331$ S/m; $\epsilon_r = 48.708$; $\rho =$

1000 kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °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 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch36/Area Scan (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.63 W/kg

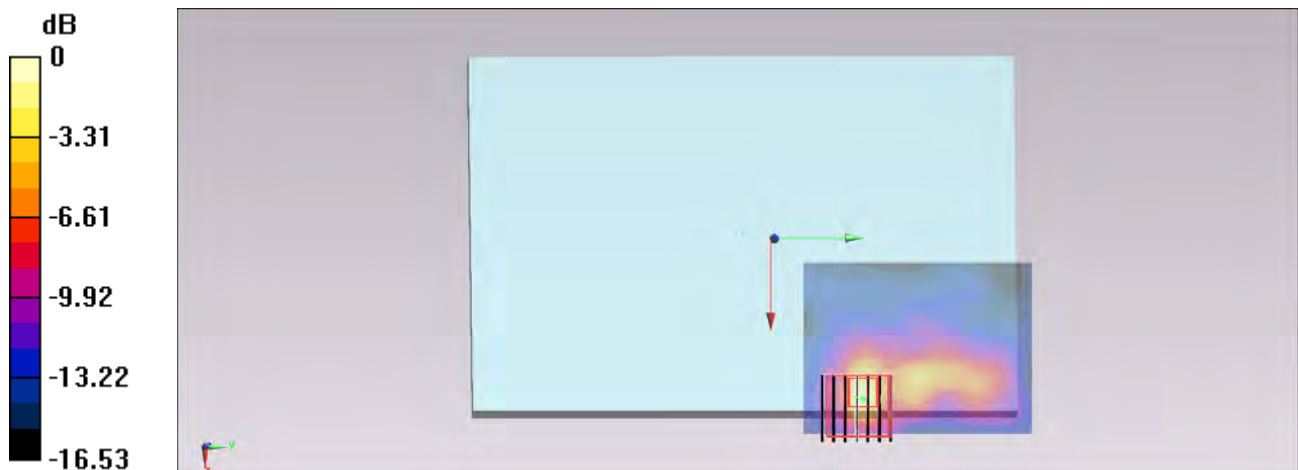
Configuration/Ch36/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 26.619 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 6.48 W/kg

SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.263 W/kg

Maximum value of SAR (measured) = 3.28 W/kg



0 dB = 3.28 W/kg = 5.16 dBW/kg

#13_WLAN5GHz_802.11a 6Mbps_Bottom Face-Slant of Edge1_0cm_Ch44

DUT: 332120-01

Communication System: 802.11a; Frequency: 5220 MHz; Duty Cycle: 1:1.01

Medium: MSL_5G_130619 Medium parameters used: $f = 5220$ MHz; $\sigma = 5.389$ S/m; $\epsilon_r = 48.639$; $\rho =$

1000 kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °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 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch44/Area Scan (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 2.53 W/kg

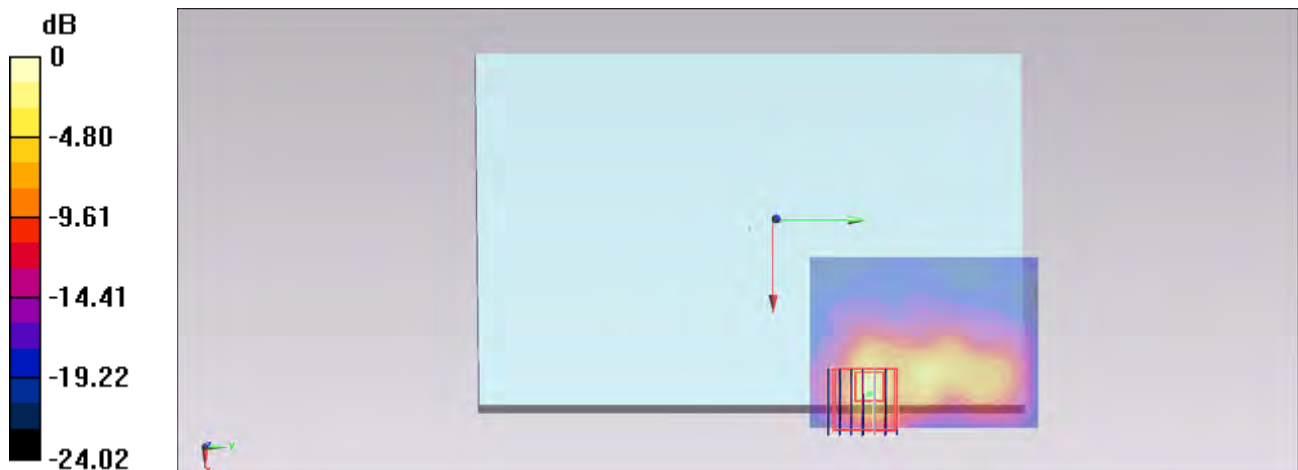
Configuration/Ch44/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 27.327 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 7.18 W/kg

SAR(1 g) = 1.29 W/kg; SAR(10 g) = 0.274 W/kg

Maximum value of SAR (measured) = 3.49 W/kg



0 dB = 3.49 W/kg = 5.43 dBW/kg

#26_WLAN5GHz_802.11a 6Mbps_Bottom Face-Slant of Edge1_0cm_Ch44;Repeat

DUT: 332120-01

Communication System: 802.11a; Frequency: 5220 MHz; Duty Cycle: 1:1.01

Medium: MSL_5G_130619 Medium parameters used: $f = 5220$ MHz; $\sigma = 5.389$ S/m; $\epsilon_r = 48.639$; $\rho =$

1000 kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °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 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch44/Area Scan (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 4.04 W/kg

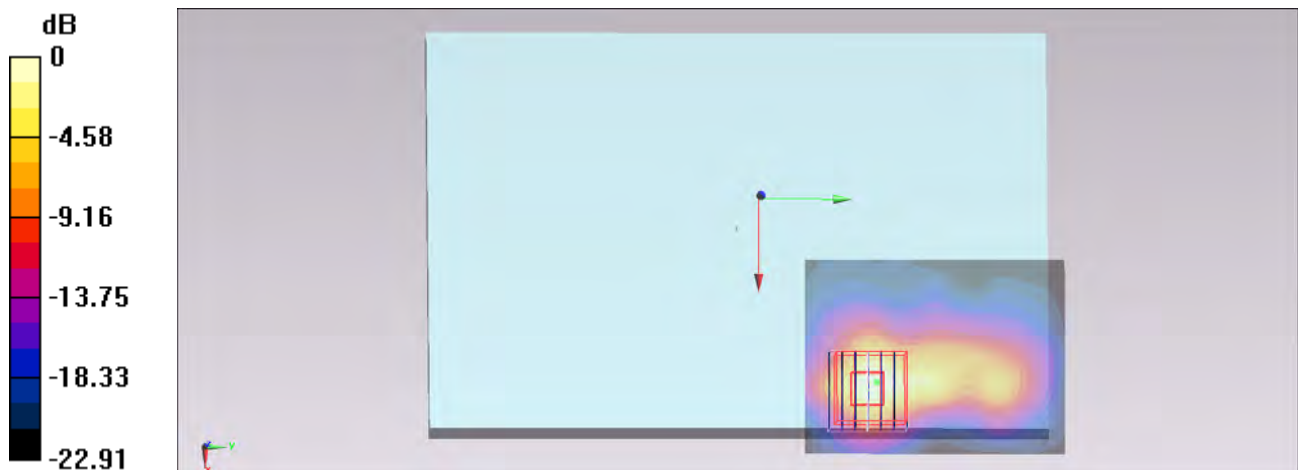
Configuration/Ch44/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 25.705 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 6.32 W/kg

SAR(1 g) = 1.28 W/kg; SAR(10 g) = 0.316 W/kg

Maximum value of SAR (measured) = 3.51 W/kg



0 dB = 3.51 W/kg = 5.45 dBW/kg

#14_WLAN5GHz_802.11a 6Mbps_Bottom Face_0cm_Ch36

DUT: 332120-01

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1.01

Medium: MSL_5G_130619 Medium parameters used: $f = 5180$ MHz; $\sigma = 5.331$ S/m; $\epsilon_r = 48.708$; $\rho =$

1000 kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °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 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch36/Area Scan (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.73 W/kg

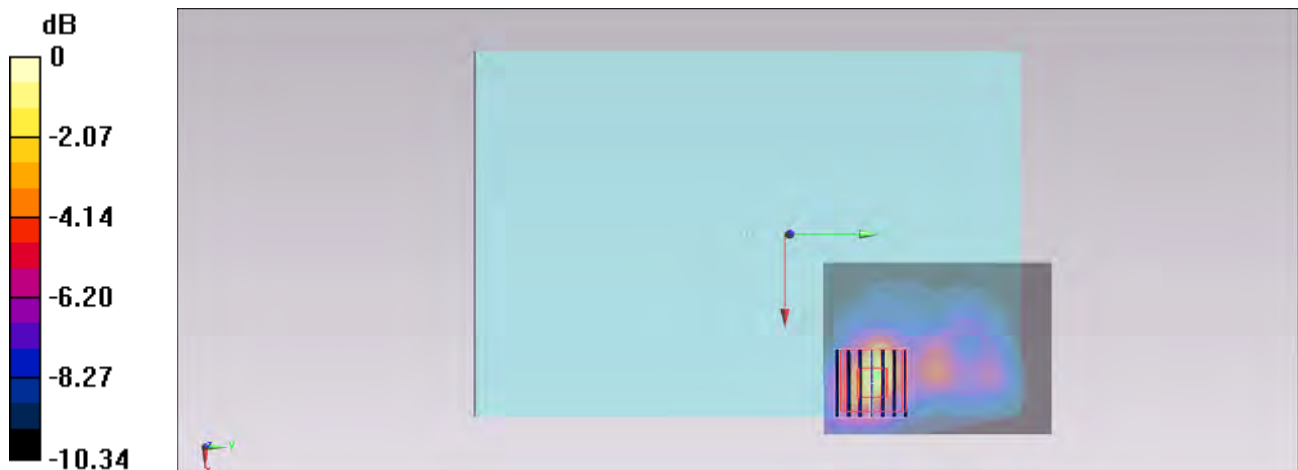
Configuration/Ch36/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 21.453 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 3.72 W/kg

SAR(1 g) = 0.938 W/kg; SAR(10 g) = 0.421 W/kg

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



0 dB = 2.13 W/kg = 3.28 dBW/kg

#15_WLAN5GHz_802.11a 6Mbps_Bottom Face_0cm_Ch44

DUT: 332120-01

Communication System: 802.11a; Frequency: 5220 MHz; Duty Cycle: 1:1.01

Medium: MSL_5G_130619 Medium parameters used: $f = 5220$ MHz; $\sigma = 5.389$ S/m; $\epsilon_r = 48.639$; $\rho =$

1000 kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °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 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch44/Area Scan (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 1.65 W/kg

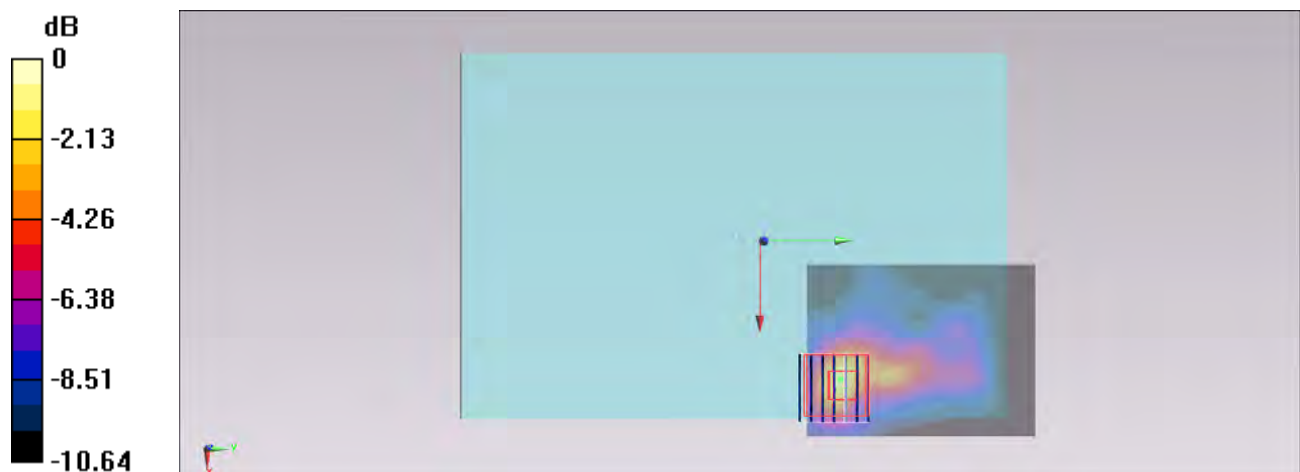
Configuration/Ch44/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 20.273 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 3.52 W/kg

SAR(1 g) = 0.932 W/kg; SAR(10 g) = 0.413 W/kg

Maximum value of SAR (measured) = 2.12 W/kg



#16_WLAN5GHz_802.11a 6Mbps_Edge 1_0cm_Ch36

DUT: 332120-01

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1.01

Medium: MSL_5G_130619 Medium parameters used: $f = 5180$ MHz; $\sigma = 5.331$ S/m; $\epsilon_r = 48.708$; $\rho =$

1000 kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °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 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch36/Area Scan (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.39 W/kg

Configuration/Ch36/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 19.109 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 2.60 W/kg

SAR(1 g) = 0.671 W/kg; SAR(10 g) = 0.245 W/kg

Maximum value of SAR (measured) = 1.56 W/kg

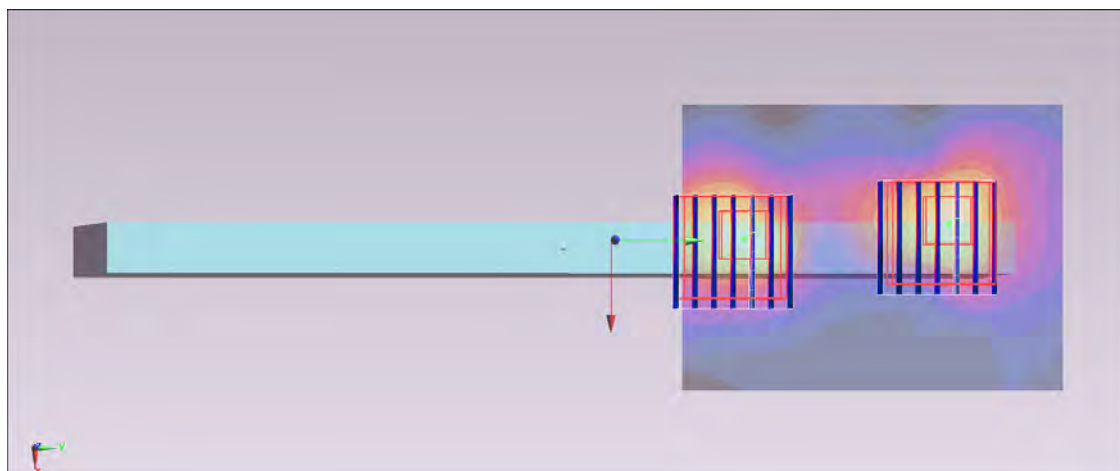
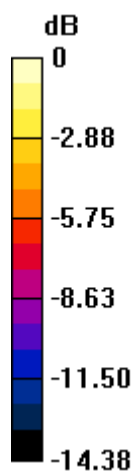
Configuration/Ch36/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 19.109 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 2.59 W/kg

SAR(1 g) = 0.670 W/kg; SAR(10 g) = 0.240 W/kg

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



0 dB = 1.53 W/kg = 1.85 dBW/kg

#43_WLAN5GHz_802.11a 6Mbps_Bottom Face-Slant of Edge1_0cm_Ch60

DUT: 332120-01

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1.01

Medium: MSL_5G_130621 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.457$ S/m; $\epsilon_r = 47.242$; $\rho =$

1000 kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °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 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch60/Area Scan (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 2.09 W/kg

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

Reference Value = 21.056 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 6.38 W/kg

SAR(1 g) = 1.26 W/kg; SAR(10 g) = 0.237 W/kg

Maximum value of SAR (measured) = 3.57 W/kg

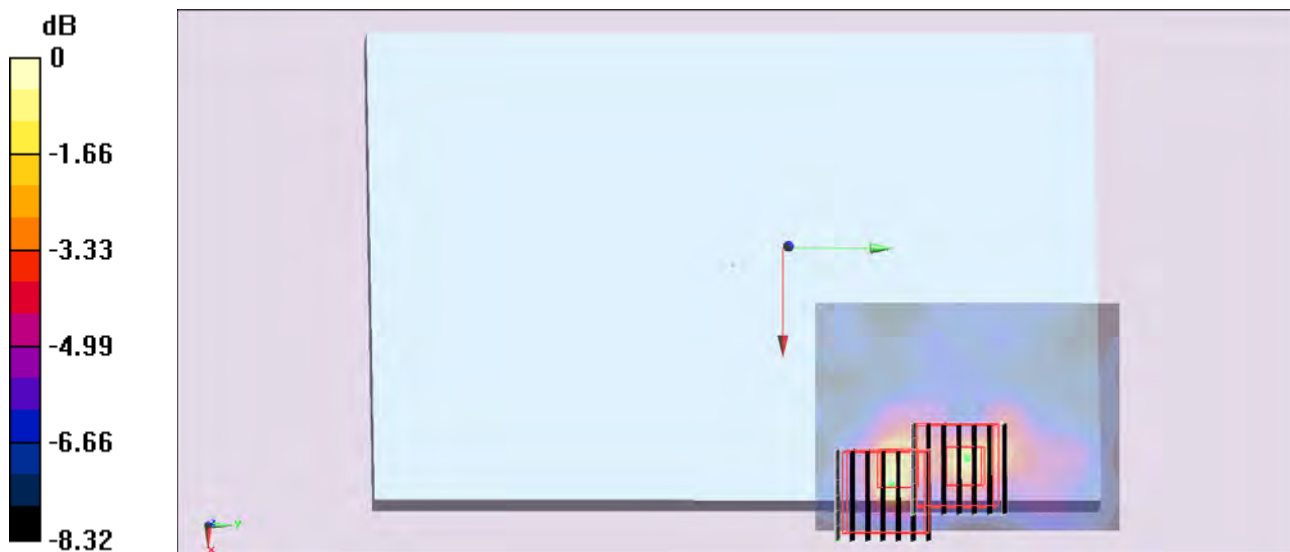
Configuration/Ch60/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 21.056 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 4.98 W/kg

SAR(1 g) = 0.754 W/kg; SAR(10 g) = 0.246 W/kg

Maximum value of SAR (measured) = 2.50 W/kg



0 dB = 2.50 W/kg = 3.98 dBW/kg

#47_WLAN5GHz_802.11a 6Mbps_Bottom Face-Slant of Edge1_0cm_Ch60;Repeat

DUT: 332120-01

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1.01

Medium: MSL_5G_130621 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.457$ S/m; $\epsilon_r = 47.242$; $\rho =$

1000 kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °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 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch60/Area Scan (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.71 W/kg

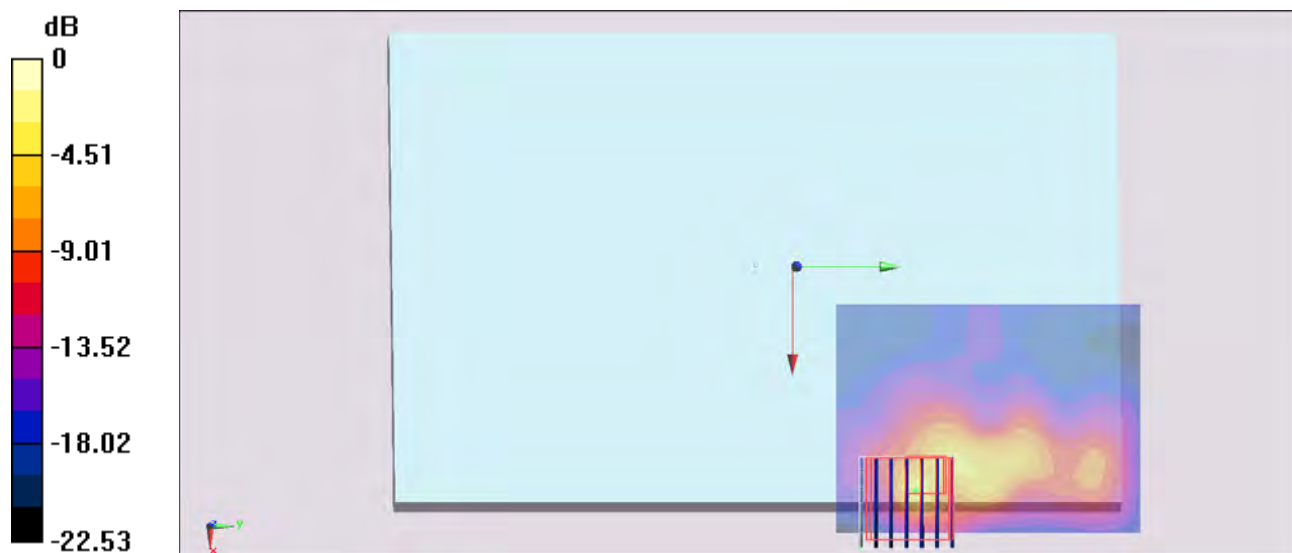
Configuration/Ch60/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 17.740 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 6.73 W/kg

SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.224 W/kg

Maximum value of SAR (measured) = 3.74 W/kg



0 dB = 3.74 W/kg = 5.73 dBW/kg

#44_WLAN5GHz_802.11a 6Mbps_Bottom Face-Slant of Edge1_0cm_Ch52

DUT: 332120-01

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1.01

Medium: MSL_5G_130621 Medium parameters used : $f = 5260$ MHz; $\sigma = 5.374$ S/m; $\epsilon_r = 47.33$; $\rho =$

1000 kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °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 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch60/Area Scan (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.83 W/kg

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

Reference Value = 18.618 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 5.61 W/kg

SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.221 W/kg

Maximum value of SAR (measured) = 3.18 W/kg

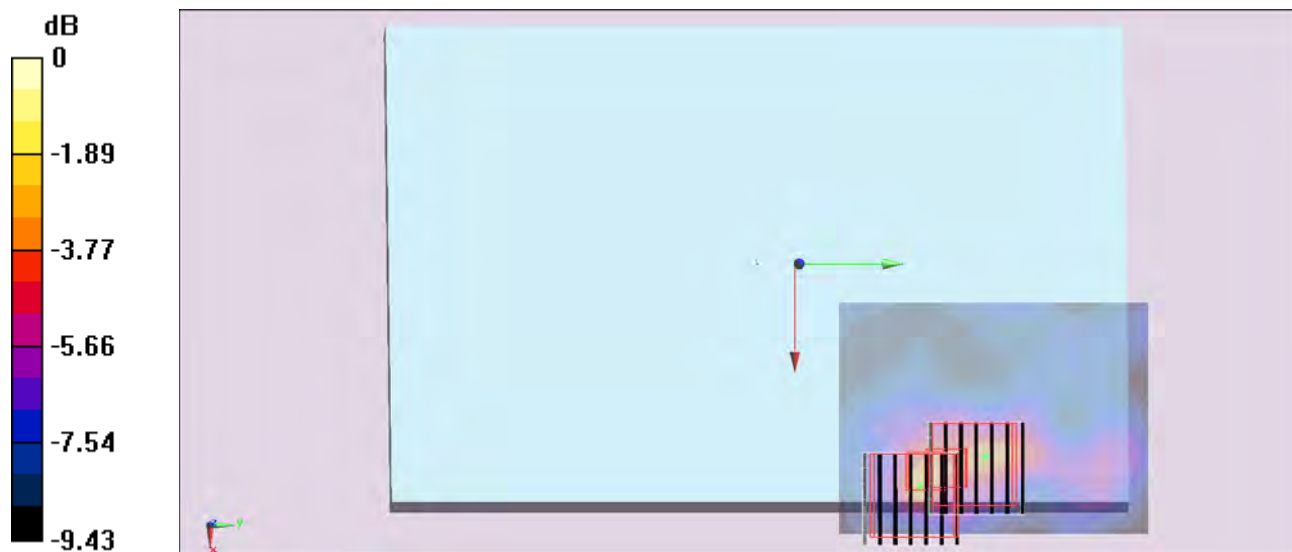
Configuration/Ch60/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 18.618 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 5.21 W/kg

SAR(1 g) = 0.755 W/kg; SAR(10 g) = 0.255 W/kg

Maximum value of SAR (measured) = 3.15 W/kg



0 dB = 3.15 W/kg = 4.98 dBW/kg

#45_WLAN5GHz_802.11a 6Mbps_Bottom Face_0cm_Ch60

DUT: 332120-01

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1.01

Medium: MSL_5G_130621 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.457$ S/m; $\epsilon_r = 47.242$; $\rho =$

1000 kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °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 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch60/Area Scan (51x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 3.75 W/kg

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

Reference Value = 28.735 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 4.14 W/kg

SAR(1 g) = 0.947 W/kg; SAR(10 g) = 0.230 W/kg

Maximum value of SAR (measured) = 2.67 W/kg

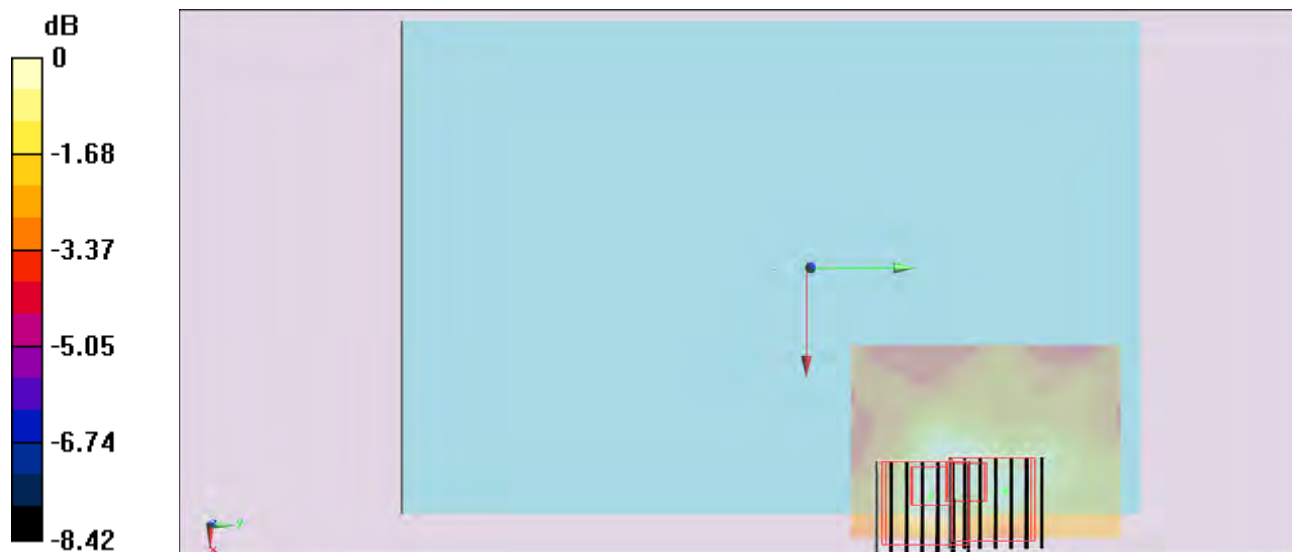
Configuration/Ch60/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 28.735 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 3.34 W/kg

SAR(1 g) = 0.432 W/kg; SAR(10 g) = 0.128 W/kg

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



0 dB = 2.32 W/kg = 3.65 dBW/kg

#46_WLAN5GHz_802.11a 6Mbps_Bottom Face_0cm_Ch52

DUT: 332120-01

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1.01

Medium: MSL_5G_130621 Medium parameters used : $f = 5260$ MHz; $\sigma = 5.374$ S/m; $\epsilon_r = 47.33$; $\rho =$

1000 kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °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 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch52/Area Scan (51x71x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
 Maximum value of SAR (interpolated) = 2.59 W/kg

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

Reference Value = 22.054 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 4.61 W/kg

SAR(1 g) = 0.925 W/kg; SAR(10 g) = 0.263 W/kg

Maximum value of SAR (measured) = 2.56 W/kg

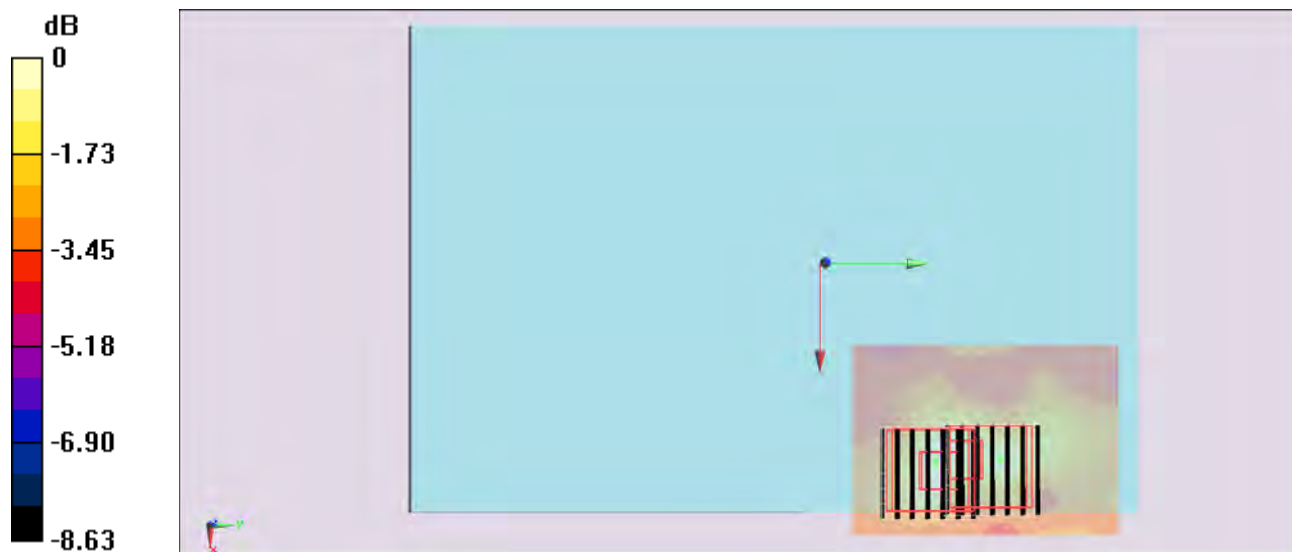
Configuration/Ch52/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 22.054 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 4.19 W/kg

SAR(1 g) = 0.640 W/kg; SAR(10 g) = 0.211 W/kg

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



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

#41_WLAN5GHz_802.11a 6Mbps_Edge 1_0cm_Ch60

DUT: 332120-01

Communication System: 802.11a; Frequency: 5300 MHz; Duty Cycle: 1:1.01

Medium: MSL_5G_130621 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.457$ S/m; $\epsilon_r = 47.242$; $\rho =$

1000 kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °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 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch60/Area Scan (61x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 2.30 W/kg

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

Reference Value = 22.831 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 3.53 W/kg

SAR(1 g) = 0.811 W/kg; SAR(10 g) = 0.225 W/kg

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

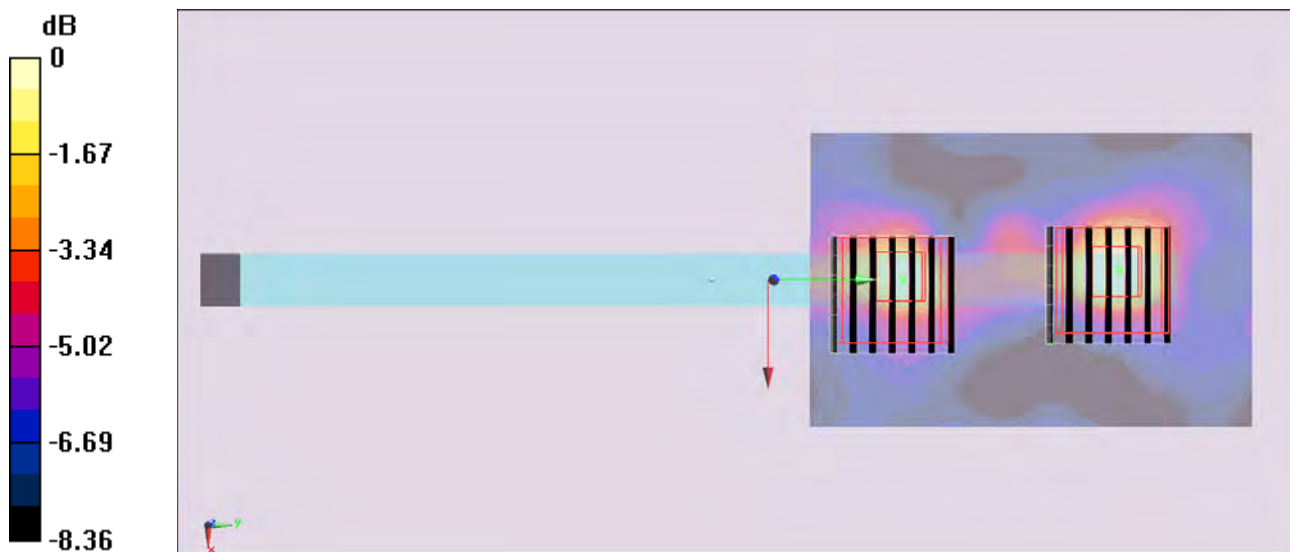
Configuration/Ch60/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 22.831 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.86 W/kg

SAR(1 g) = 0.669 W/kg; SAR(10 g) = 0.194 W/kg

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



0 dB = 1.68 W/kg = 2.25 dBW/kg

#42_WLAN5GHz_802.11a 6Mbps_Edge 1_0cm_Ch52

DUT: 332120-01

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1.01

Medium: MSL_5G_130621 Medium parameters used : $f = 5260$ MHz; $\sigma = 5.374$ S/m; $\epsilon_r = 47.33$; $\rho =$

1000 kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °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 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch52/Area Scan (61x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 1.98 W/kg

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

Reference Value = 20.827 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 3.19 W/kg

SAR(1 g) = 0.746 W/kg; SAR(10 g) = 0.211 W/kg

Maximum value of SAR (measured) = 1.82 W/kg

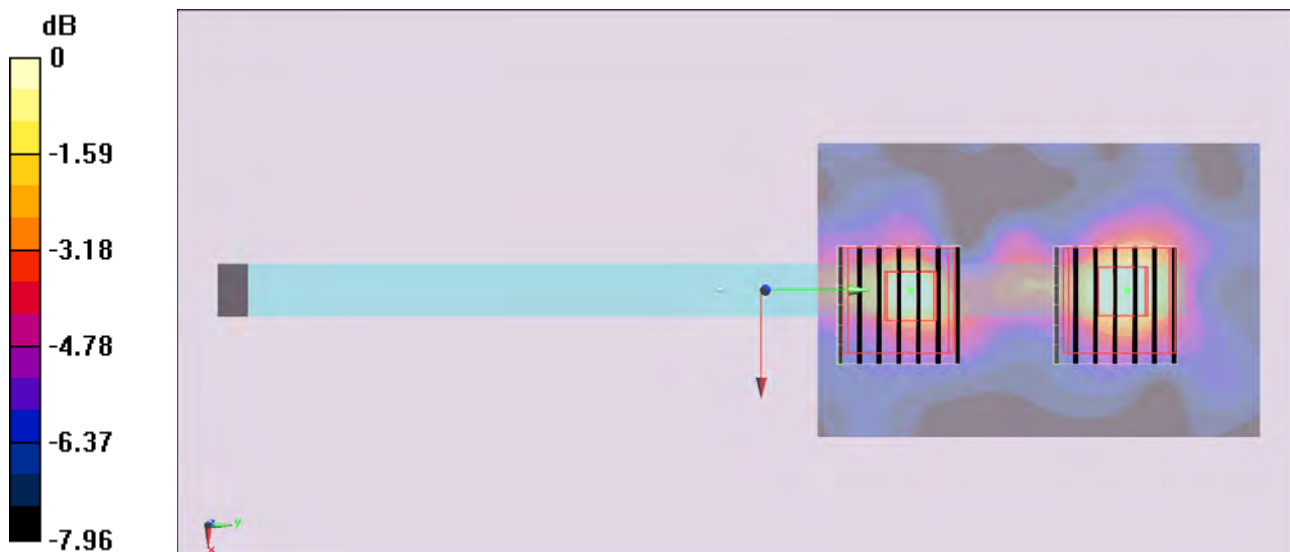
Configuration/Ch52/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 20.827 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.72 W/kg

SAR(1 g) = 0.645 W/kg; SAR(10 g) = 0.195 W/kg

Maximum value of SAR (measured) = 1.55 W/kg



0 dB = 1.55 W/kg = 1.90 dBW/kg

#27_WLAN5GHz_802.11a 6Mbps_Bottom Face-Slant of Edge1_0cm_Ch100

DUT: 332120-01

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1.01

Medium: MSL_5G_130620 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.806$ S/m; $\epsilon_r = 47.837$; $\rho =$

1000 kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °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 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch100/Area Scan (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 4.68 W/kg

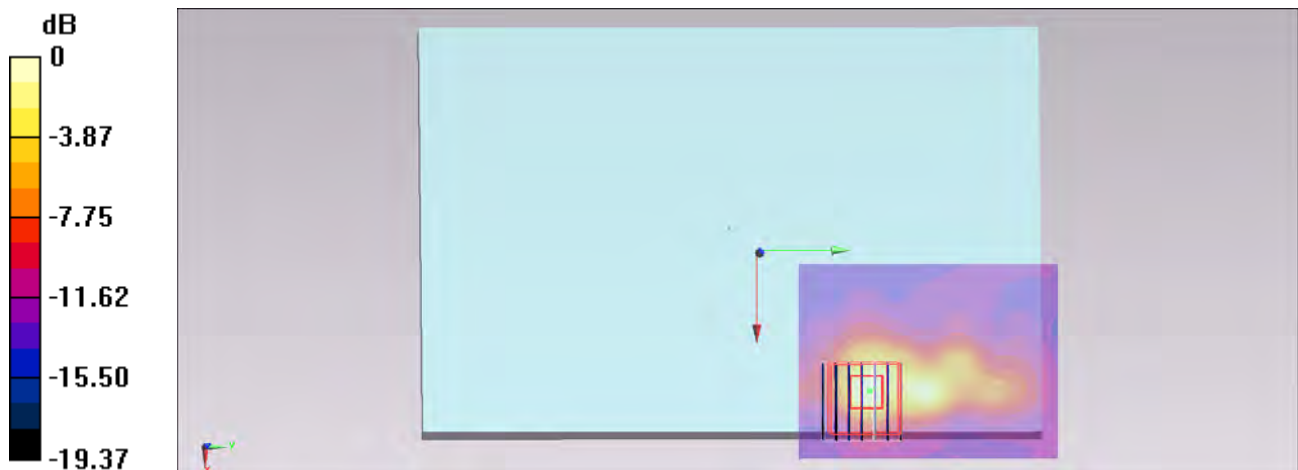
Configuration/Ch100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 28.140 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 7.07 W/kg

SAR(1 g) = 1.22 W/kg; SAR(10 g) = 0.301 W/kg

Maximum value of SAR (measured) = 3.24 W/kg



0 dB = 3.24 W/kg = 5.11 dBW/kg

#48_WLAN5GHz_802.11a 6Mbps_Bottom Face-Slant of Edge1_0cm_Ch100;Repeat

DUT: 332120-01

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1.01

Medium: MSL_5G_130621 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.712$ S/m; $\epsilon_r = 46.963$; $\rho =$

1000 kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °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 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch100/Area Scan (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 2.83 W/kg

Configuration/Ch100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 20.357 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 7.87 W/kg

SAR(1 g) = 1.21 W/kg; SAR(10 g) = 0.247 W/kg

Maximum value of SAR (measured) = 3.84 W/kg

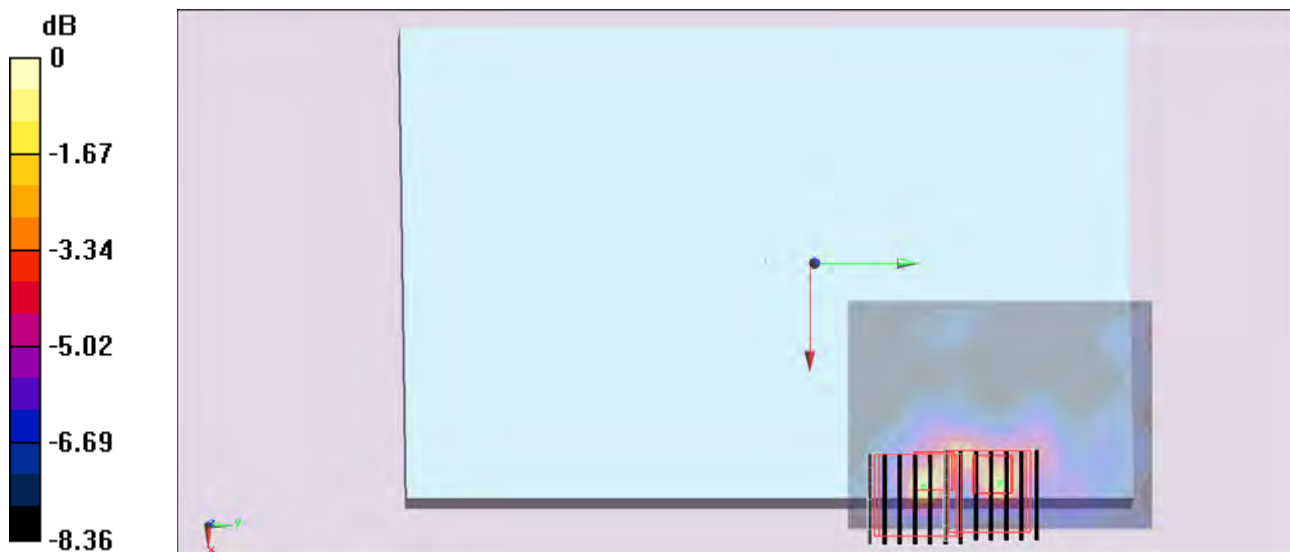
Configuration/Ch100/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 20.357 V/m; Power Drift = 1.11 dB

Peak SAR (extrapolated) = 7.78 W/kg

SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.278 W/kg

Maximum value of SAR (measured) = 3.29 W/kg



0 dB = 3.29 W/kg = 5.17 dBW/kg

#28_WLAN5GHz_802.11a 6Mbps_Bottom Face-Slant of Edge1_0cm_Ch116

DUT: 332120-01

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1.01

Medium: MSL_5G_130621 Medium parameters used: $f = 5580$ MHz; $\sigma = 5.832$ S/m; $\epsilon_r = 46.789$; $\rho =$

1000 kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °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 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch116/Area Scan (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 4.30 W/kg

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

Reference Value = 28.957 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 7.49 W/kg

SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.281 W/kg

Maximum value of SAR (measured) = 3.66 W/kg

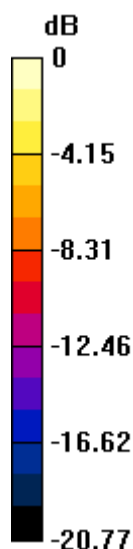
Configuration/Ch116/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 28.957 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 7.92 W/kg

SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.288 W/kg

Maximum value of SAR (measured) = 3.91 W/kg



0 dB = 3.91 W/kg = 5.92 dBW/kg

#30_WLAN5GHz_802.11a 6Mbps_Bottom Face-Slant of Edge1_0cm_Ch140

DUT: 332120-01

Communication System: 802.11a; Frequency: 5700 MHz; Duty Cycle: 1:1.01

Medium: MSL_5G_130621 Medium parameters used: $f = 5700 \text{ MHz}$; $\sigma = 6.03 \text{ S/m}$; $\epsilon_r = 46.577$; $\rho =$

1000 kg/m^3

Ambient Temperature : $23.3 \text{ }^\circ\text{C}$; Liquid Temperature : $22.3 \text{ }^\circ\text{C}$

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 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch140/Area Scan (61x81x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
 Maximum value of SAR (interpolated) = 3.05 W/kg

Configuration/Ch140/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 24.944 V/m ; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 5.93 W/kg

SAR(1 g) = 0.873 W/kg ; SAR(10 g) = 0.226 W/kg

Maximum value of SAR (measured) = 2.90 W/kg

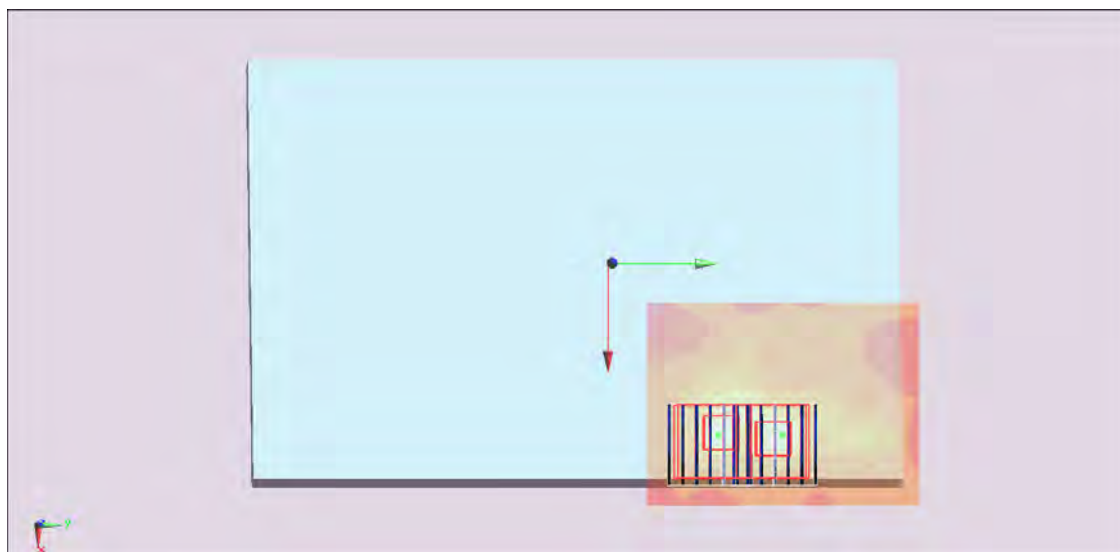
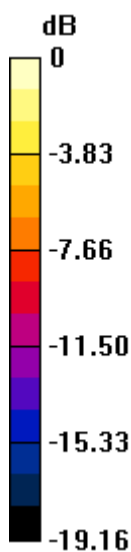
Configuration/Ch140/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 24.944 V/m ; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 5.00 W/kg

SAR(1 g) = 0.841 W/kg ; SAR(10 g) = 0.207 W/kg

Maximum value of SAR (measured) = 2.50 W/kg



$0 \text{ dB} = 2.50 \text{ W/kg} = 3.98 \text{ dBW/kg}$

#31_WLAN5GHz_802.11a 6Mbps_Bottom Face_0cm_Ch100

DUT: 332120-01

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1.01

Medium: MSL_5G_130621 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.712$ S/m; $\epsilon_r = 46.963$; $\rho =$

1000 kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °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 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch100/Area Scan (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 1.85 W/kg

Configuration/Ch100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 17.589 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 3.20 W/kg

SAR(1 g) = 0.667 W/kg; SAR(10 g) = 0.189 W/kg

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

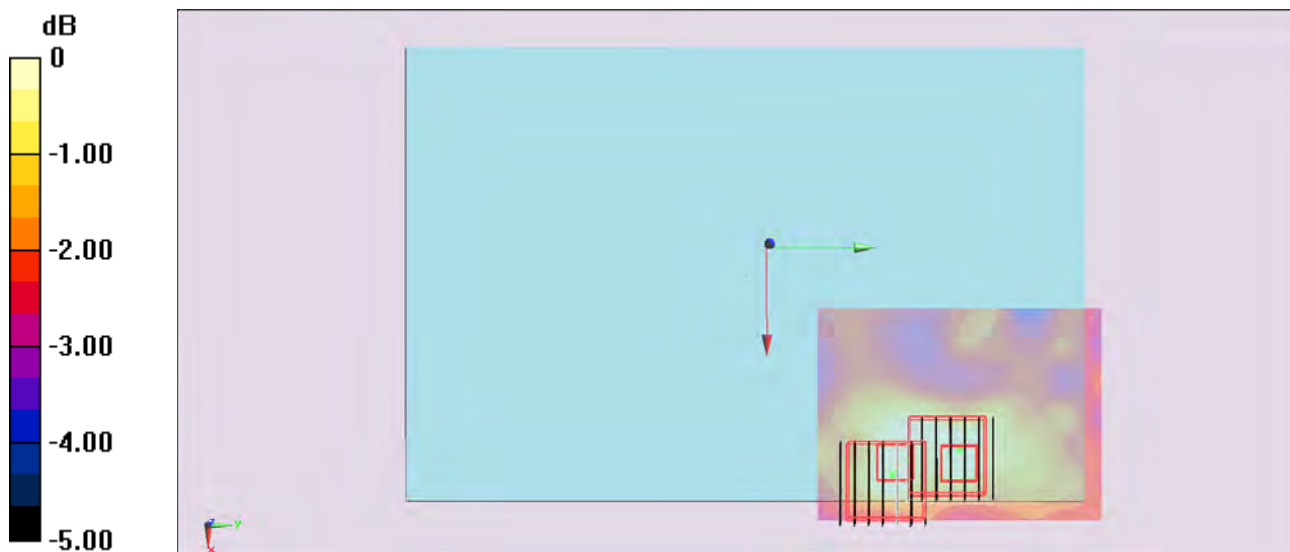
Configuration/Ch100/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 17.589 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 2.89 W/kg

SAR(1 g) = 0.432 W/kg; SAR(10 g) = 0.177 W/kg

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



0 dB = 1.50 W/kg = 1.76 dBW/kg

#32_WLAN5GHz_802.11a 6Mbps_Bottom Face_0cm_Ch116

DUT: 332120-01

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1.01

Medium: MSL_5G_130621 Medium parameters used: $f = 5580$ MHz; $\sigma = 5.832$ S/m; $\epsilon_r = 46.789$; $\rho =$

1000 kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °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 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch116/Area Scan (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.08 W/kg

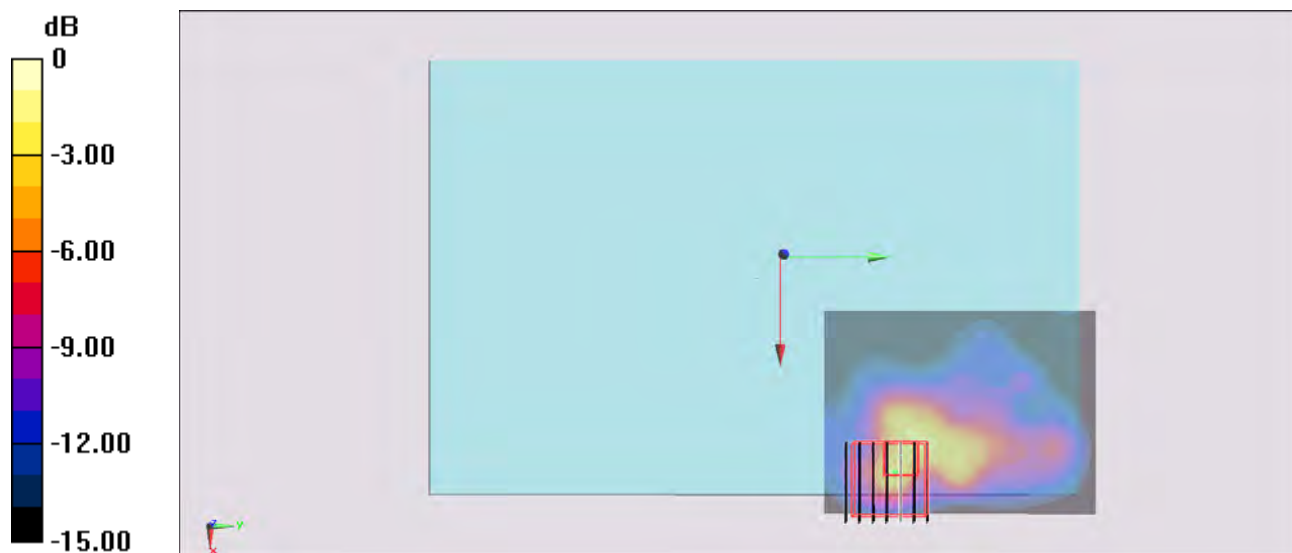
Configuration/Ch116/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 18.242 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 3.77 W/kg

SAR(1 g) = 0.745 W/kg; SAR(10 g) = 0.173 W/kg

Maximum value of SAR (measured) = 1.94 W/kg



0 dB = 1.94 W/kg = 2.88 dBW/kg

#34_WLAN5GHz_802.11a 6Mbps_Bottom Face_0cm_Ch140

DUT: 332120-01

Communication System: 802.11a; Frequency: 5700 MHz; Duty Cycle: 1:1.01

Medium: MSL_5G_130621 Medium parameters used: $f = 5700$ MHz; $\sigma = 6.03$ S/m; $\epsilon_r = 46.577$; $\rho =$

1000 kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °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 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch140/Area Scan (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.904 W/kg

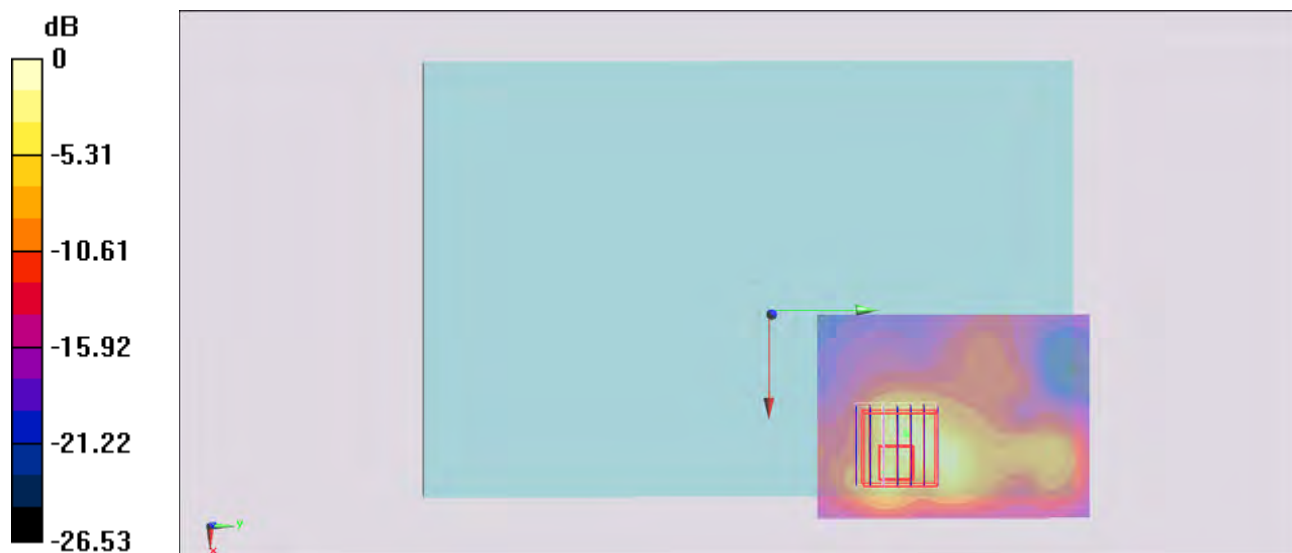
Configuration/Ch140/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 14.064 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 2.76 W/kg

SAR(1 g) = 0.543 W/kg; SAR(10 g) = 0.169 W/kg

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



0 dB = 1.53 W/kg = 1.85 dBW/kg

#35_WLAN5GHz_802.11a 6Mbps_Edge 1_0cm_Ch100

DUT: 332120-01

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1.01

Medium: MSL_5G_130621 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.712$ S/m; $\epsilon_r = 46.963$; $\rho =$

1000 kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °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 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch100/Area Scan (61x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.68 W/kg

Configuration/Ch100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 19.774 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 3.35 W/kg

SAR(1 g) = 0.730 W/kg; SAR(10 g) = 0.193 W/kg

Maximum value of SAR (measured) = 1.93 W/kg

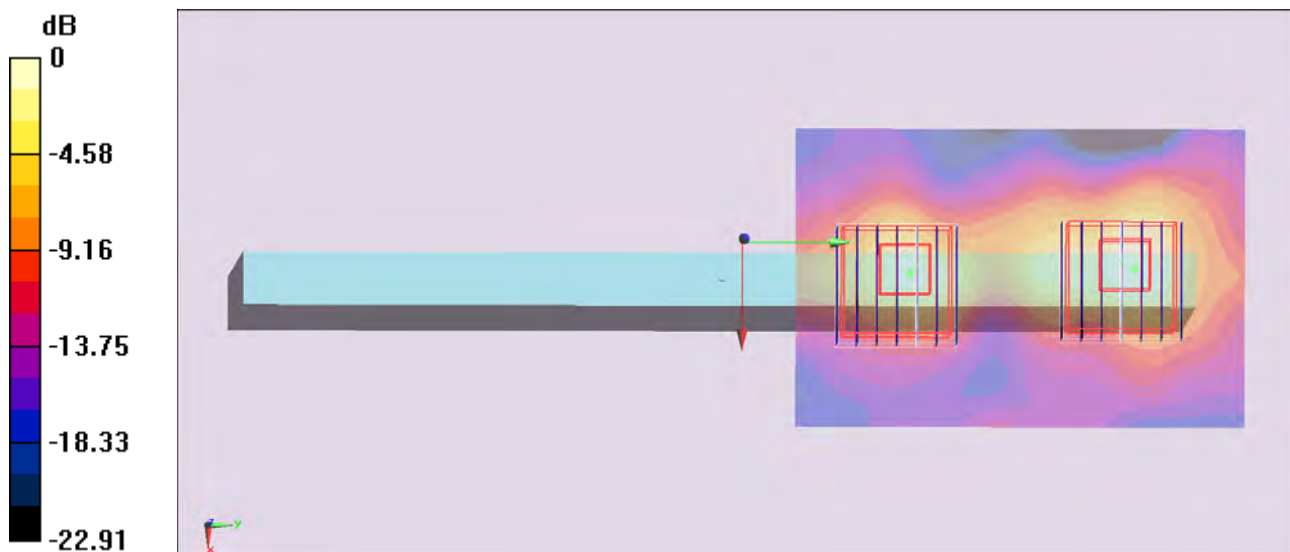
Configuration/Ch100/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 19.774 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.54 W/kg

SAR(1 g) = 0.543 W/kg; SAR(10 g) = 0.145 W/kg

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



0 dB = 1.40 W/kg = 1.46 dBW/kg

#36_WLAN5GHz_802.11a 6Mbps_Edge 1_0cm_Ch116

DUT: 332120-01

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1.01

Medium: MSL_5G_130621 Medium parameters used: $f = 5580$ MHz; $\sigma = 5.832$ S/m; $\epsilon_r = 46.789$; $\rho =$

1000 kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °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 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch116/Area Scan (61x91x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm
Maximum value of SAR (interpolated) = 2.36 W/kg

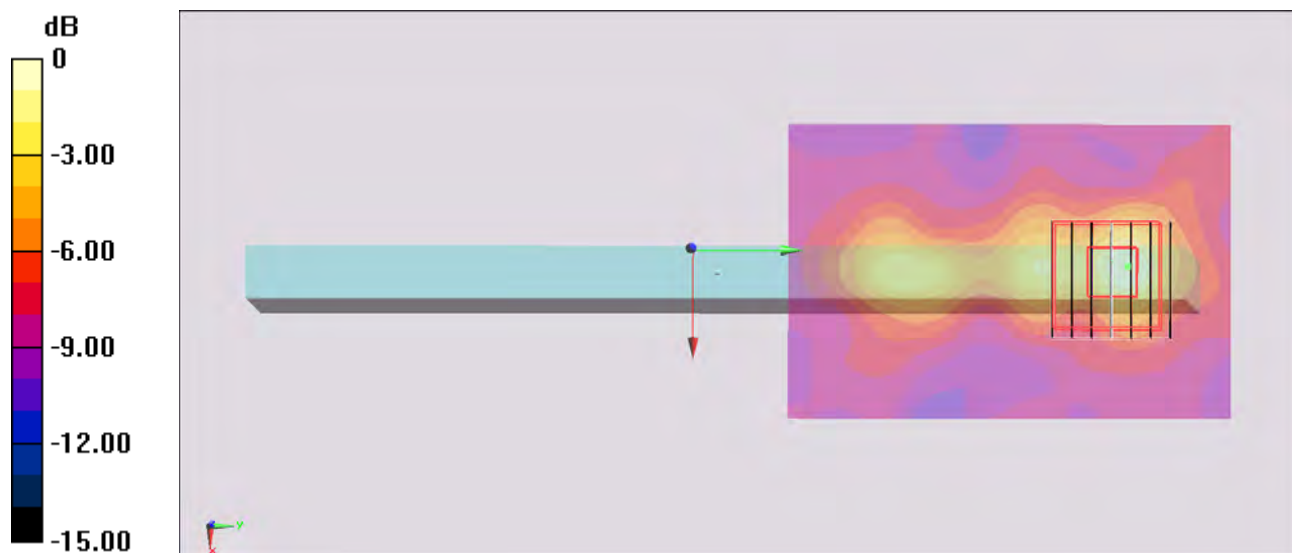
Configuration/Ch116/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 20.217 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 4.01 W/kg

SAR(1 g) = 0.852 W/kg; SAR(10 g) = 0.234 W/kg

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



0 dB = 2.19 W/kg = 3.40 dBW/kg

#38_WLAN5GHz_802.11a 6Mbps_Edge 1_0cm_Ch140

DUT: 332120-01

Communication System: 802.11a; Frequency: 5700 MHz; Duty Cycle: 1:1.01

Medium: MSL_5G_130621 Medium parameters used: $f = 5700$ MHz; $\sigma = 6.03$ S/m; $\epsilon_r = 46.577$; $\rho =$

1000 kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °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 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch140/Area Scan (61x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 1.70 W/kg

Configuration/Ch140/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 19.645 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.92 W/kg

SAR(1 g) = 0.638 W/kg; SAR(10 g) = 0.178 W/kg

Maximum value of SAR (measured) = 1.70 W/kg

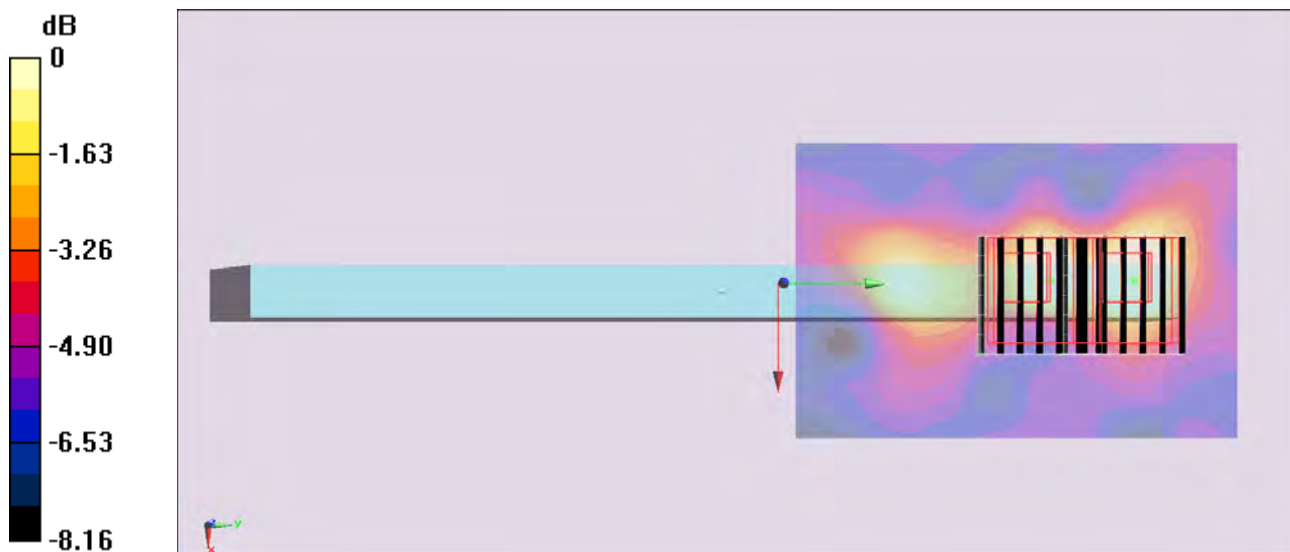
Configuration/Ch140/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 19.645 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.78 W/kg

SAR(1 g) = 0.421 W/kg; SAR(10 g) = 0.136 W/kg

Maximum value of SAR (measured) = 1.05 W/kg



0 dB = 1.05 W/kg = 0.21 dBW/kg

#18_WLAN5GHz_802.11a 6Mbps_Bottom Face-Slant of Edge1_0cm_Ch165

DUT: 332120-01

Communication System: 802.11a; Frequency: 5825 MHz; Duty Cycle: 1:1.01

Medium: MSL_5G_130619 Medium parameters used: $f = 5825 \text{ MHz}$; $\sigma = 6.277 \text{ S/m}$; $\epsilon_r = 47.245$; $\rho =$

1000 kg/m^3

Ambient Temperature : $23.4 \text{ }^\circ\text{C}$; Liquid Temperature : $22.4 \text{ }^\circ\text{C}$

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 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch165/Area Scan (61x81x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
 Maximum value of SAR (interpolated) = 4.48 W/kg

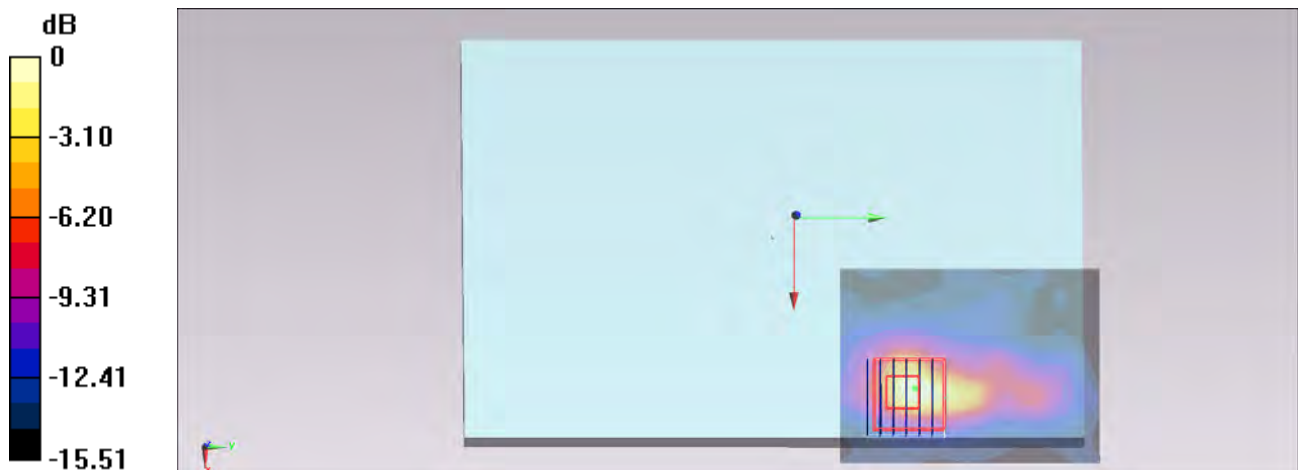
Configuration/Ch165/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$,
 $dz=1.4\text{mm}$

Reference Value = 22.518 V/m ; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 7.70 W/kg

SAR(1 g) = 1.2 W/kg ; SAR(10 g) = 0.450 W/kg

Maximum value of SAR (measured) = 4.18 W/kg



0 dB = 4.18 W/kg = 6.21 dBW/kg

#49_WLAN5GHz_802.11a 6Mbps_Bottom Face-Slant of Edge1_0cm_Ch165;Repeat

DUT: 332120-01

Communication System: 802.11a; Frequency: 5825 MHz;Duty Cycle: 1:1.01

Medium: MSL_5G_130619 Medium parameters used : $f = 5825$ MHz; $\sigma = 6.277$ S/m; $\epsilon_r = 47.245$; $\rho =$

1000 kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °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 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch165/Area Scan (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.52 W/kg

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

Reference Value = 25.281 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 8.47 W/kg

SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.322 W/kg

Maximum value of SAR (measured) = 4.43 W/kg

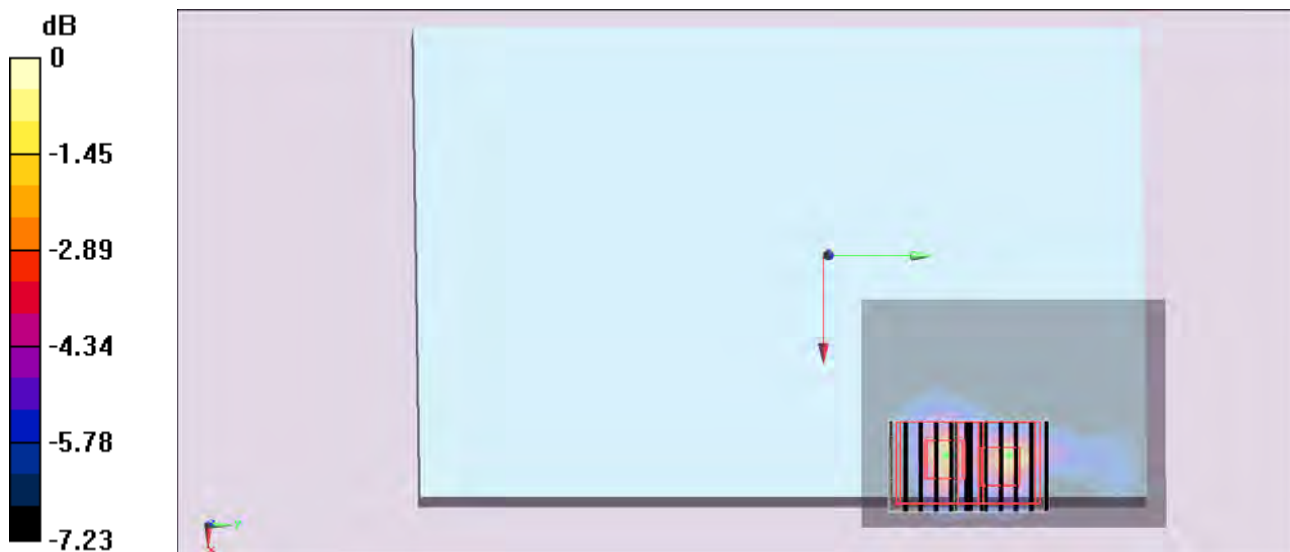
Configuration/Ch165/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 25.281 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 7.28 W/kg

SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.310 W/kg

Maximum value of SAR (measured) = 3.67 W/kg



0 dB = 3.67 W/kg = 5.65 dBW/kg

#19_WLAN5GHz_802.11a 6Mbps_Bottom Face-Slant of Edge1_0cm_Ch149

DUT: 332120-01

Communication System: 802.11a; Frequency: 5745 MHz; Duty Cycle: 1:1.01

Medium: MSL_5G_130619 Medium parameters used: $f = 5745$ MHz; $\sigma = 6.173$ S/m; $\epsilon_r = 47.501$; $\rho =$

1000 kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °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 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch149/Area Scan (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 3.53 W/kg

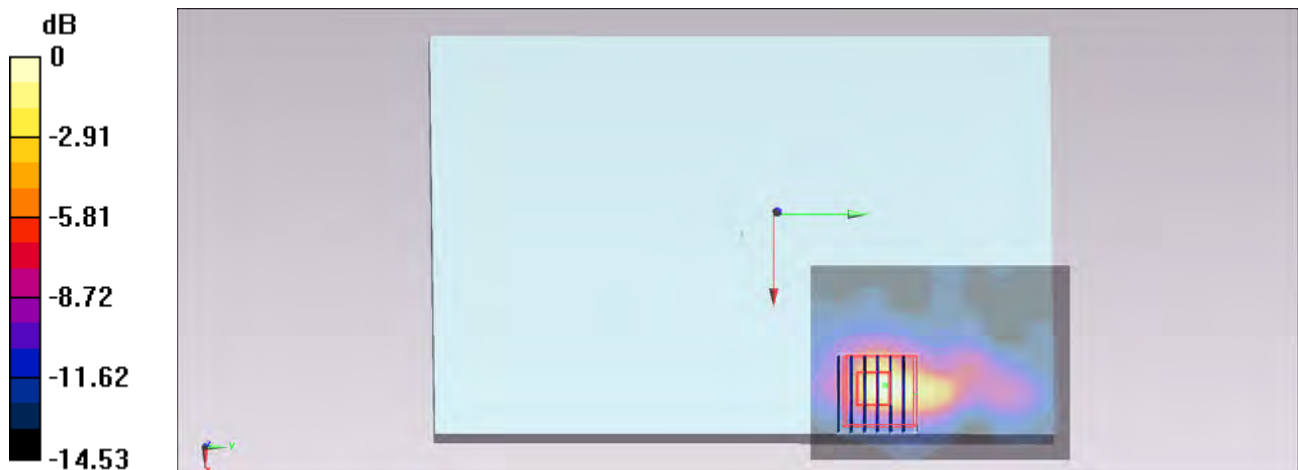
Configuration/Ch149/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 19.498 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 6.03 W/kg

SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.371 W/kg

Maximum value of SAR (measured) = 3.22 W/kg



#20_WLAN5GHz_802.11a 6Mbps_Bottom Face-Slant of Edge1_0cm_Ch157

DUT: 332120-01

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1.01

Medium: MSL_5G_130619 Medium parameters used: $f = 5785$ MHz; $\sigma = 6.214$ S/m; $\epsilon_r = 47.373$; $\rho =$

1000 kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °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 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch157/Area Scan (61x81x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 4.20 W/kg

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

Reference Value = 24.701 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 7.15 W/kg

SAR(1 g) = 1.13 W/kg; SAR(10 g) = 0.322 W/kg

Maximum value of SAR (measured) = 3.24 W/kg

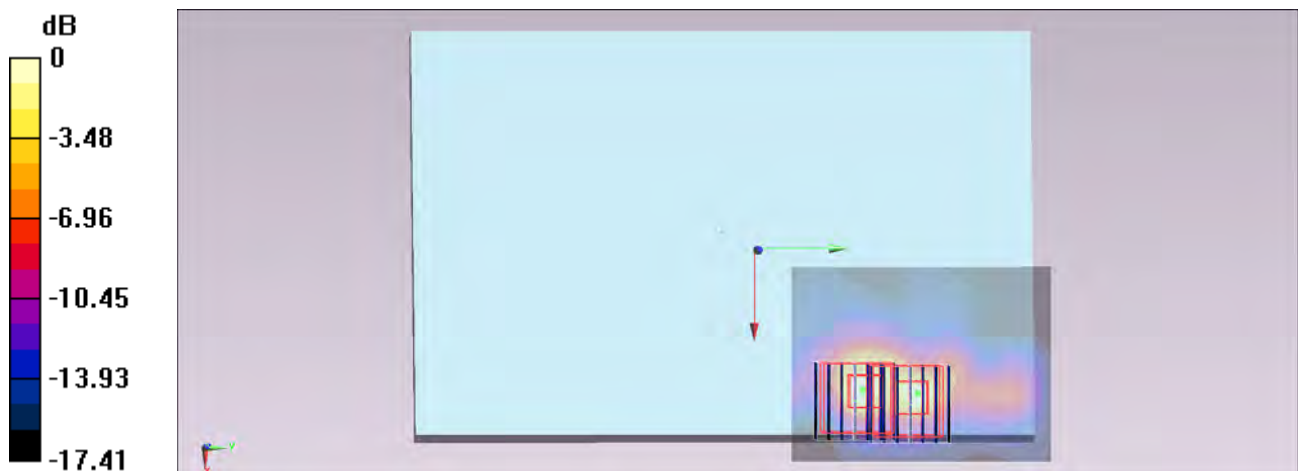
Configuration/Ch157/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 24.701 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 6.44 W/kg

SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.292 W/kg

Maximum value of SAR (measured) = 3.11 W/kg



0 dB = 3.11 W/kg = 4.93 dBW/kg

#21_WLAN5GHz_802.11a 6Mbps_Bottom Face_0cm_Ch165

DUT: 332120-01

Communication System: 802.11a; Frequency: 5825 MHz; Duty Cycle: 1:1.01

Medium: MSL_5G_130619 Medium parameters used: $f = 5825$ MHz; $\sigma = 6.277$ S/m; $\epsilon_r = 47.245$; $\rho =$

1000 kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °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 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch165/Area Scan (61x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.83 W/kg

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

Reference Value = 18.577 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 3.89 W/kg

SAR(1 g) = 0.849 W/kg; SAR(10 g) = 0.422 W/kg

Maximum value of SAR (measured) = 2.02 W/kg

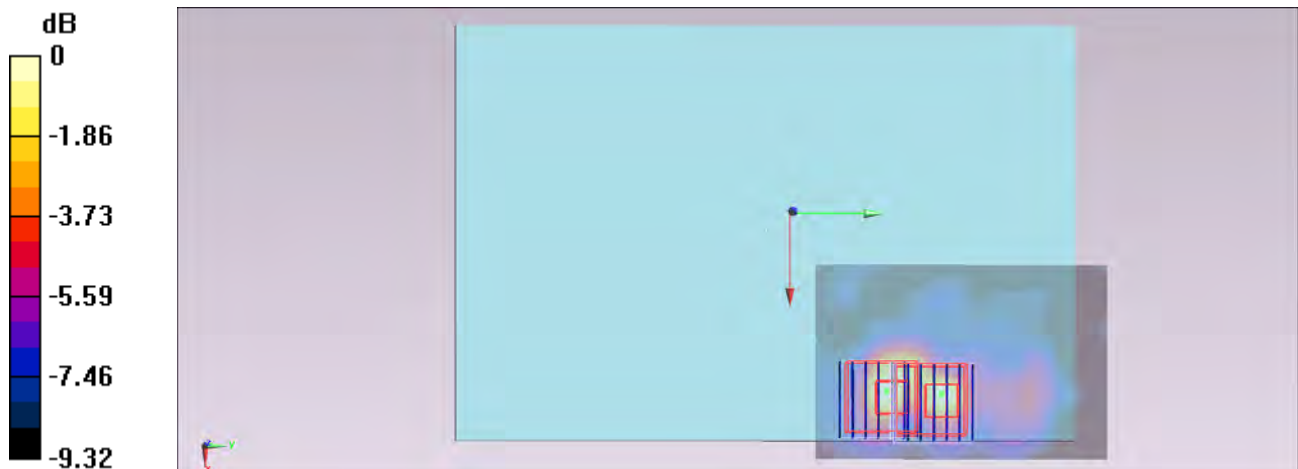
Configuration/Ch165/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 18.577 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 3.61 W/kg

SAR(1 g) = 0.780 W/kg; SAR(10 g) = 0.440 W/kg

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



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

#22_WLAN5GHz_802.11a 6Mbps_Bottom Face_0cm_Ch149

DUT: 332120-01

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

Medium: MSL_5G_130619 Medium parameters used: $f = 5745$ MHz; $\sigma = 6.173$ S/m; $\epsilon_r = 47.501$; $\rho =$

1000 kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °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 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch149/Area Scan (61x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.33 W/kg

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

Reference Value = 14.653 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 3.74 W/kg

SAR(1 g) = 0.729 W/kg; SAR(10 g) = 0.382 W/kg

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

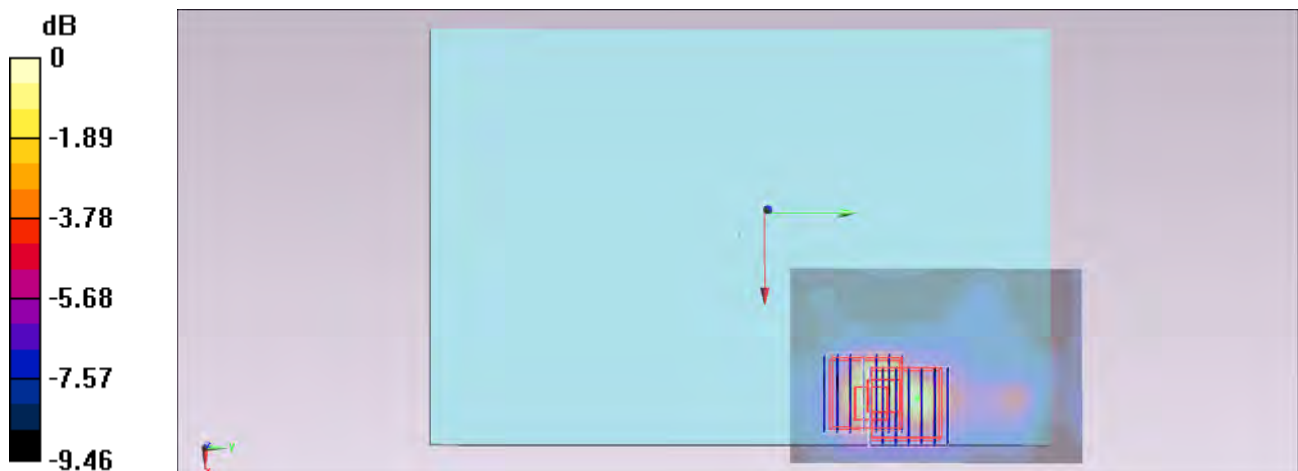
Configuration/Ch149/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 14.653 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.81 W/kg

SAR(1 g) = 0.653 W/kg; SAR(10 g) = 0.377 W/kg

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



0 dB = 1.59 W/kg = 2.01 dBW/kg

#23_WLAN5GHz_802.11a 6Mbps_Bottom Face_0cm_Ch157

DUT: 332120-01

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1.01

Medium: MSL_5G_130619 Medium parameters used: $f = 5785$ MHz; $\sigma = 6.214$ S/m; $\epsilon_r = 47.373$; $\rho =$

1000 kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °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 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch157/Area Scan (61x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 1.74 W/kg

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

Reference Value = 17.490 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 3.90 W/kg

SAR(1 g) = 0.965 W/kg; SAR(10 g) = 0.548 W/kg

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

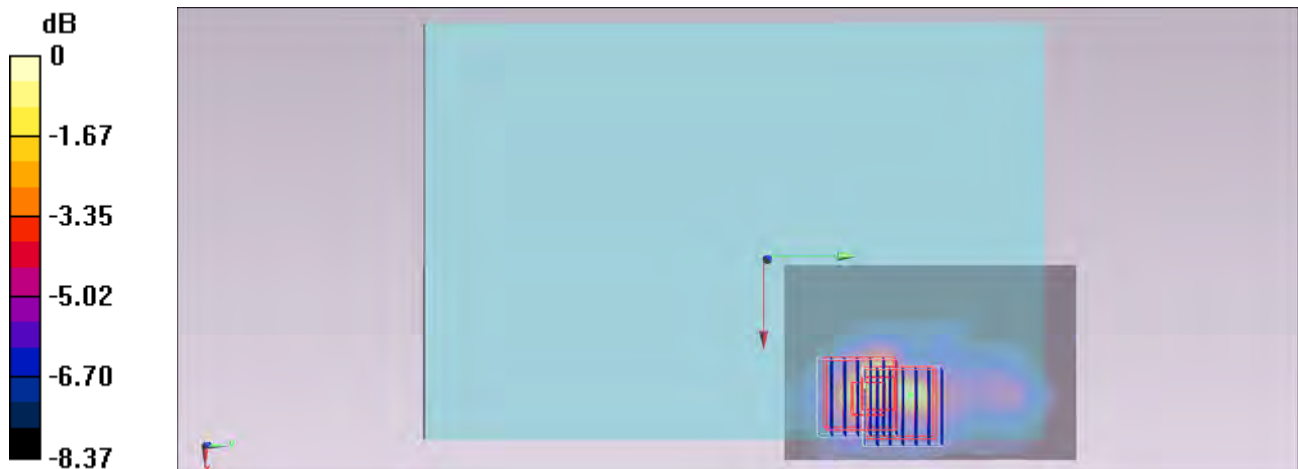
Configuration/Ch157/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 17.490 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 3.85 W/kg

SAR(1 g) = 0.892 W/kg; SAR(10 g) = 0.554 W/kg

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



0 dB = 2.10 W/kg = 3.22 dBW/kg

#24_WLAN5GHz_802.11a 6Mbps_Edge 1_0cm_Ch165

DUT: 332120-01

Communication System: 802.11a; Frequency: 5825 MHz; Duty Cycle: 1:1.01

Medium: MSL_5G_130619 Medium parameters used: $f = 5825$ MHz; $\sigma = 6.277$ S/m; $\epsilon_r = 47.245$; $\rho =$

1000 kg/m³

Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °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 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch165/Area Scan (61x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 1.49 W/kg

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

Reference Value = 18.145 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.90 W/kg

SAR(1 g) = 0.668 W/kg; SAR(10 g) = 0.258 W/kg

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

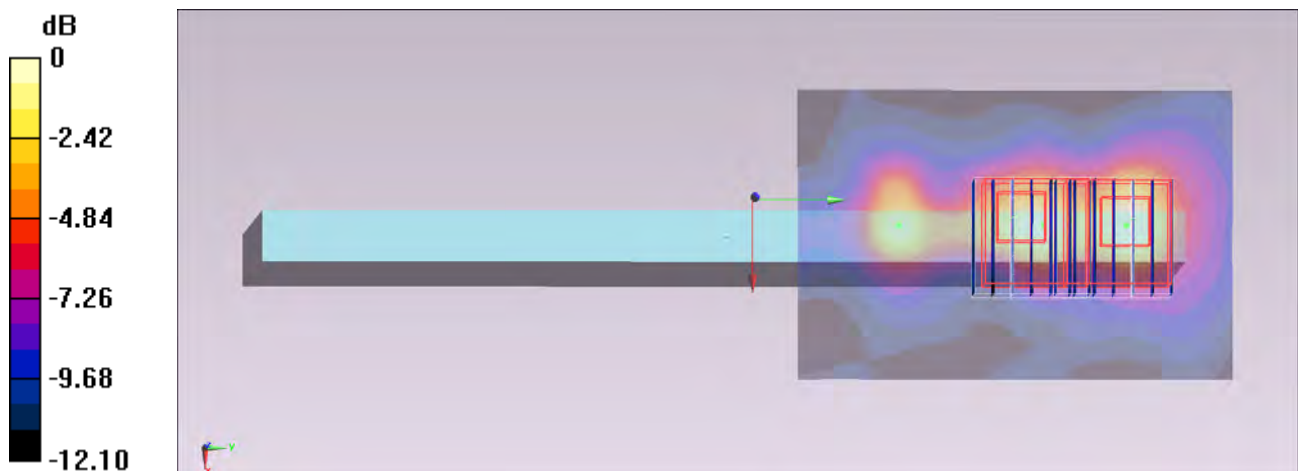
Configuration/Ch165/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 18.145 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.32 W/kg

SAR(1 g) = 0.570 W/kg; SAR(10 g) = 0.230 W/kg

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



0 dB = 1.29 W/kg = 1.11 dBW/kg