

#01_WLAN2.4G_802.11b 1Mbps_Horizontal Up_0.5cm_Ch11

DUT: 331408-01

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

Medium: MSL_2450_130514 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.938$ S/m; $\epsilon_r = 53.161$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.57, 6.57, 6.57); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (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/Ch11/Area Scan (51x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.20 W/kg

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

Reference Value = 24.135 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.65 W/kg

SAR(1 g) = 0.741 W/kg; SAR(10 g) = 0.336 W/kg

Maximum value of SAR (measured) = 1.16 W/kg

Configuration/Ch11/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.135 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 0.724 W/kg; SAR(10 g) = 0.366 W/kg

Maximum value of SAR (measured) = 1.07 W/kg



0 dB = 1.07 W/kg = 0.29 dBW/kg

#02_WLAN2.4G_802.11b 1Mbps_Horizontal Up_0.5cm_Ch1

DUT: 331408-01

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

Medium: MSL_2450_130514 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.87$ S/m; $\epsilon_r = 53.218$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.57, 6.57, 6.57); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (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/Ch1/Area Scan (51x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
 Maximum value of SAR (interpolated) = 1.05 W/kg

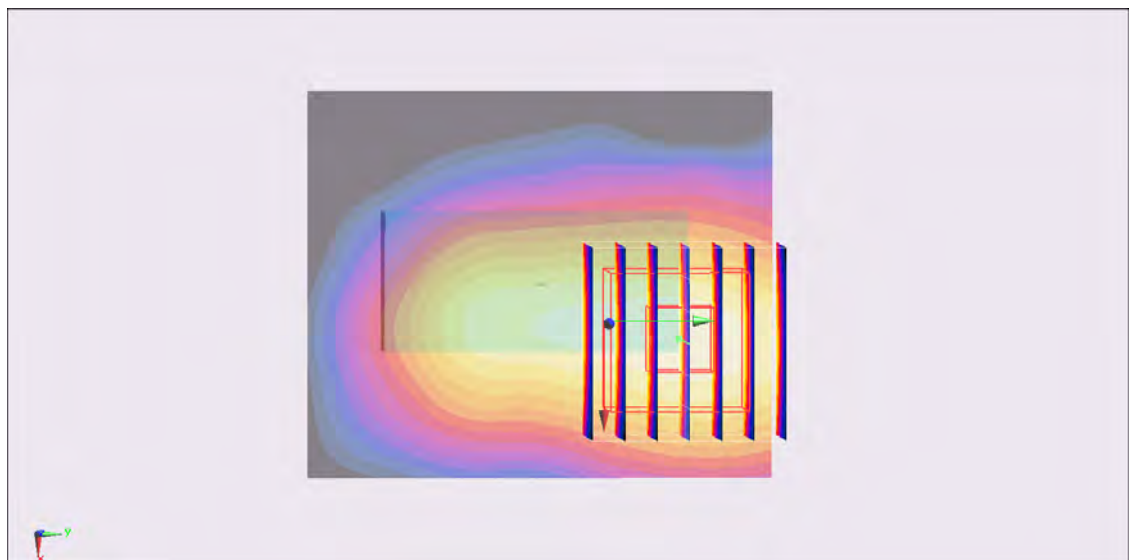
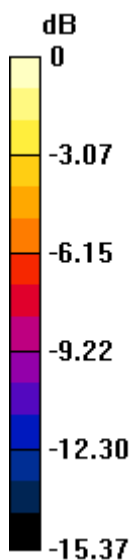
Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.271 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.729 W/kg; SAR(10 g) = 0.385 W/kg

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



0 dB = 1.04 W/kg = 0.17 dBW/kg

#03_WLAN2.4G_802.11b 1Mbps_Horizontal Up_0.5cm_Ch6

DUT: 331408-01

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

Medium: MSL_2450_130514 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.904$ S/m; $\epsilon_r = 53.196$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.57, 6.57, 6.57); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (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/Ch6/Area Scan (51x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
 Maximum value of SAR (interpolated) = 1.01 W/kg

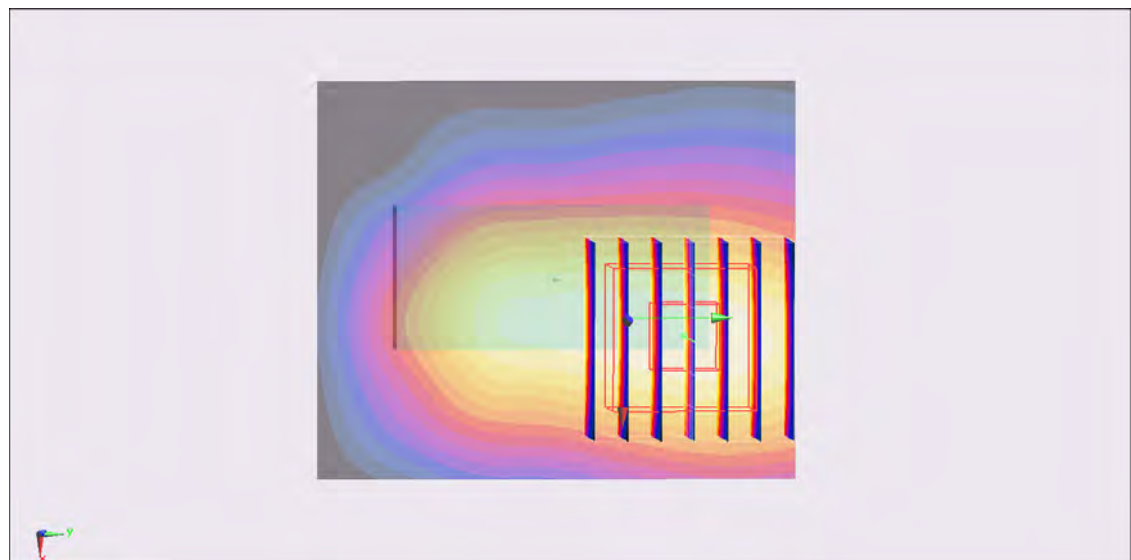
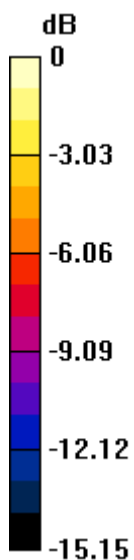
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.131 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.30 W/kg

SAR(1 g) = 0.690 W/kg; SAR(10 g) = 0.368 W/kg

Maximum value of SAR (measured) = 0.986 W/kg



0 dB = 0.986 W/kg = -0.06 dBW/kg

#04_WLAN2.4G_802.11b 1Mbps_Horizontal Down_0.5cm_Ch11

DUT: 331408-01

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

Medium: MSL_2450_130514 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.938$ S/m; $\epsilon_r = 53.161$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.57, 6.57, 6.57); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (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/Ch11/Area Scan (51x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.63 W/kg

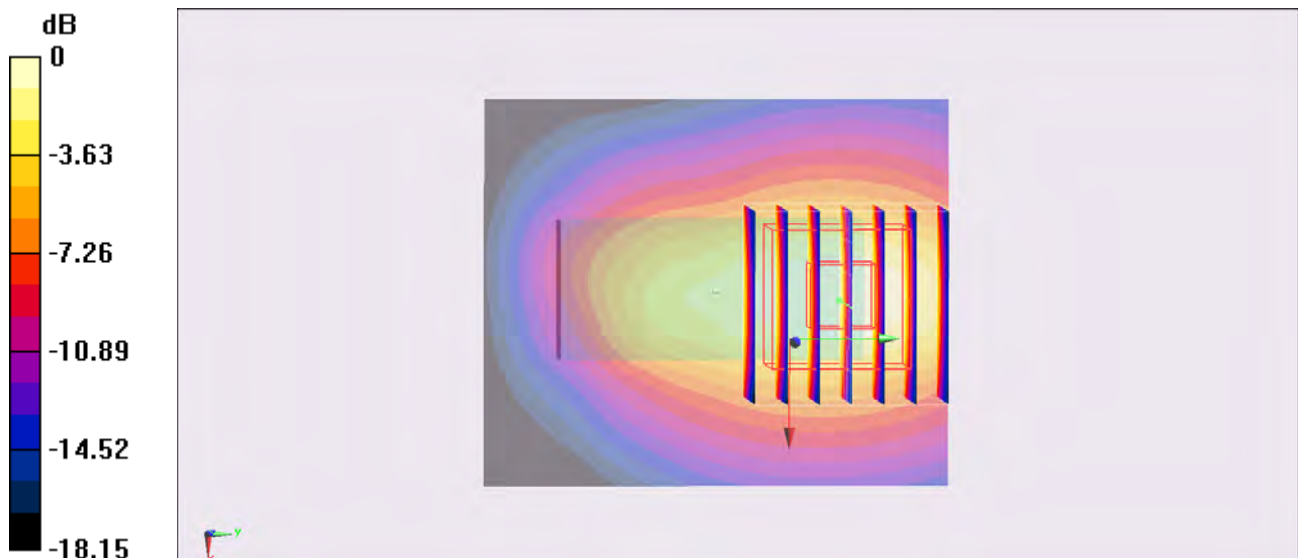
Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.326 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 2.12 W/kg

SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.543 W/kg

Maximum value of SAR (measured) = 1.58 W/kg



0 dB = 1.58 W/kg = 1.99 dBW/kg

#18_WLAN2.4G_802.11b 1Mbps_Horizontal Down_0.5cm_Ch11;Repeat

DUT: 331408-01

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

Medium: MSL_2450_130514 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.938$ S/m; $\epsilon_r = 53.161$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.57, 6.57, 6.57); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (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/Ch11/Area Scan (51x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.70 W/kg

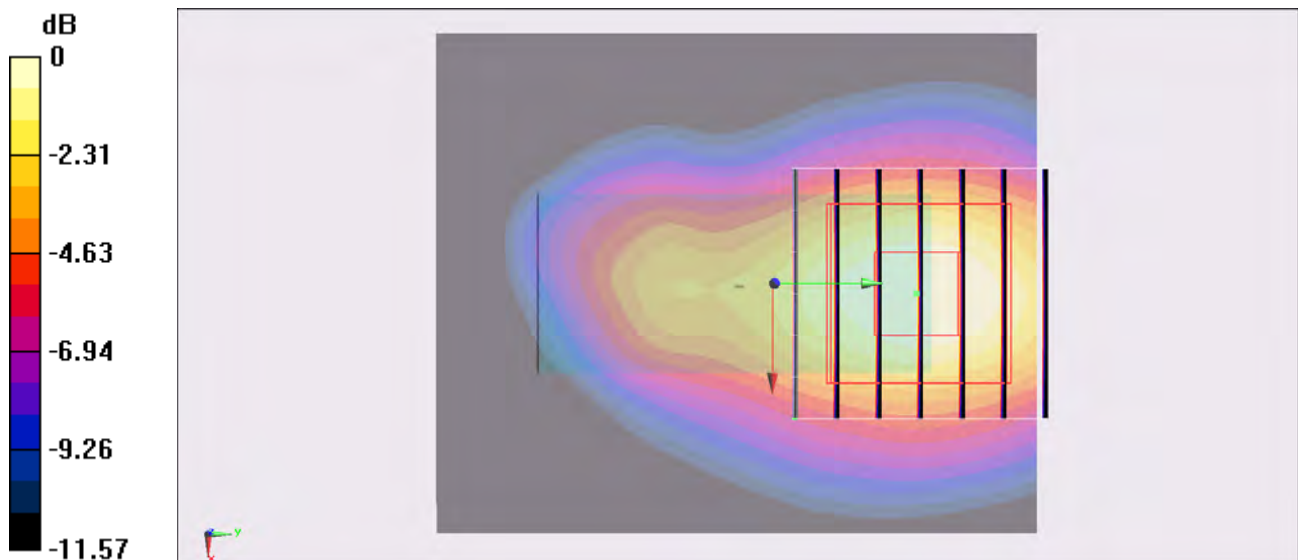
Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.488 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.08 W/kg

SAR(1 g) = 1.08 W/kg; SAR(10 g) = 0.543 W/kg

Maximum value of SAR (measured) = 1.57 W/kg



0 dB = 1.57 W/kg = 1.96 dBW/kg

#05_WLAN2.4G_802.11b 1Mbps_Horizontal Down_0.5cm_Ch1

DUT: 331408-01

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

Medium: MSL_2450_130514 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.87$ S/m; $\epsilon_r = 53.218$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.57, 6.57, 6.57); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (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/Ch1/Area Scan (51x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
 Maximum value of SAR (interpolated) = 1.22 W/kg

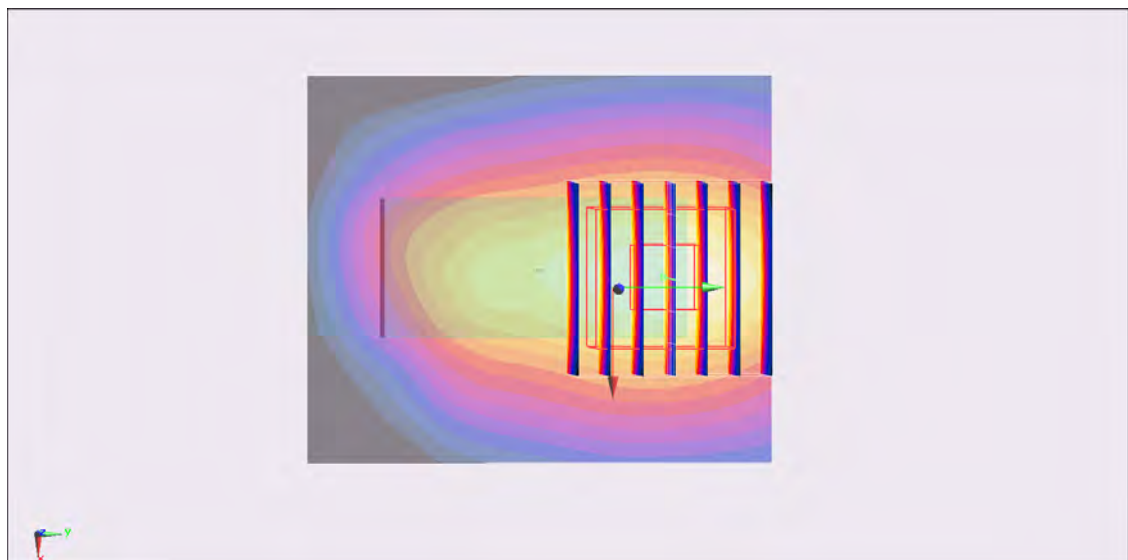
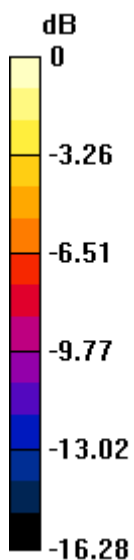
Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.265 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 0.851 W/kg; SAR(10 g) = 0.434 W/kg

Maximum value of SAR (measured) = 1.24 W/kg



0 dB = 1.24 W/kg = 0.93 dBW/kg

#06_WLAN2.4G_802.11b 1Mbps_Horizontal Down_0.5cm_Ch6

DUT: 331408-01

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

Medium: MSL_2450_130514 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.904$ S/m; $\epsilon_r = 53.196$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.57, 6.57, 6.57); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (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/Ch6/Area Scan (51x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
 Maximum value of SAR (interpolated) = 1.09 W/kg

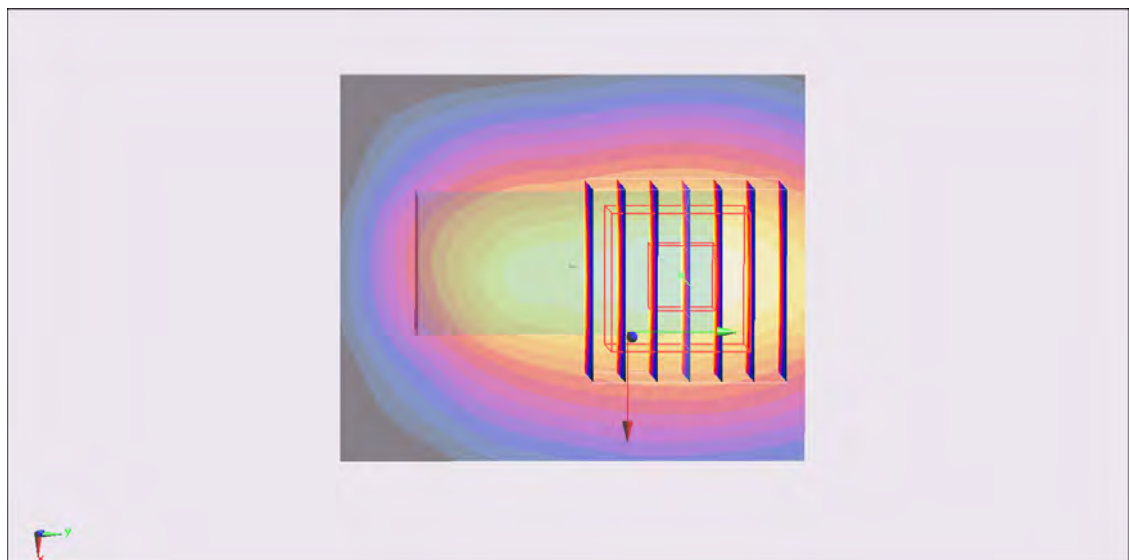
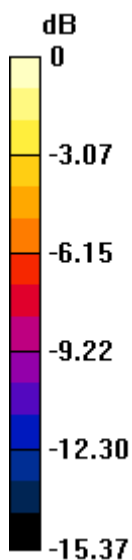
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 21.621 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.737 W/kg; SAR(10 g) = 0.383 W/kg

Maximum value of SAR (measured) = 1.07 W/kg



0 dB = 1.07 W/kg = 0.29 dBW/kg

#07_WLAN2.4G_802.11b 1Mbps_Verical Front_0.5cm_Ch11

DUT: 331408-01

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

Medium: MSL_2450_130514 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.938$ S/m; $\epsilon_r = 53.161$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.57, 6.57, 6.57); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (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/Ch11/Area Scan (41x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.822 W/kg

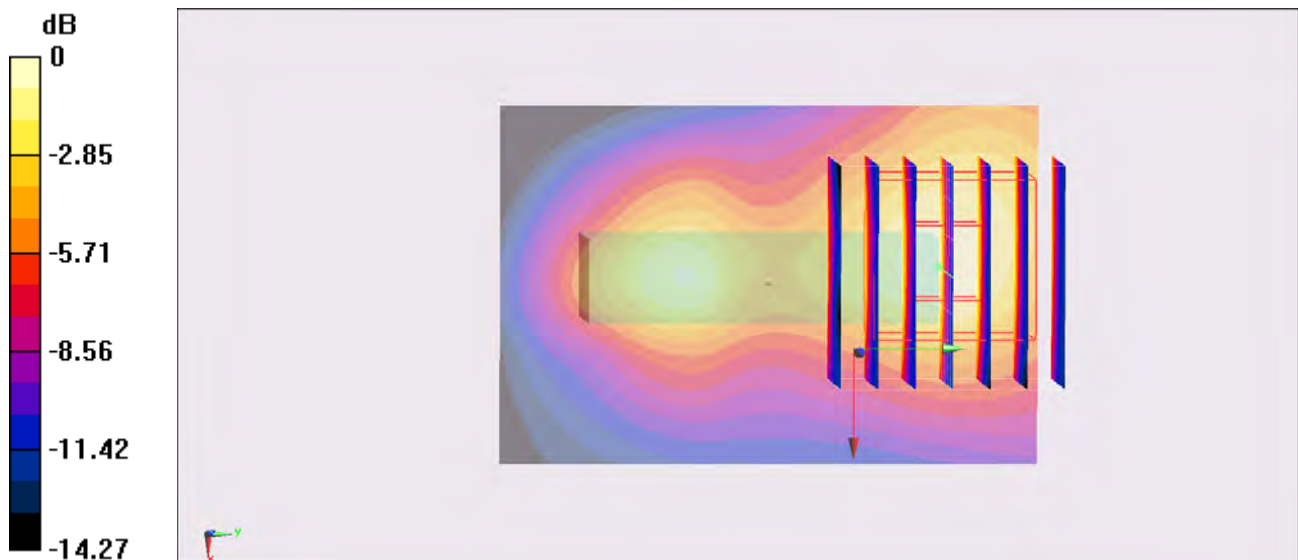
Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.139 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.549 W/kg; SAR(10 g) = 0.279 W/kg

Maximum value of SAR (measured) = 0.801 W/kg



0 dB = 0.801 W/kg = -0.96 dBW/kg

#08_WLAN2.4G_802.11b 1Mbps_Veritical Back_0.5cm_Ch11

DUT: 331408-01

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

Medium: MSL_2450_130514 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.938$ S/m; $\epsilon_r = 53.161$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.57, 6.57, 6.57); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (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/Ch11/Area Scan (41x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.14 W/kg

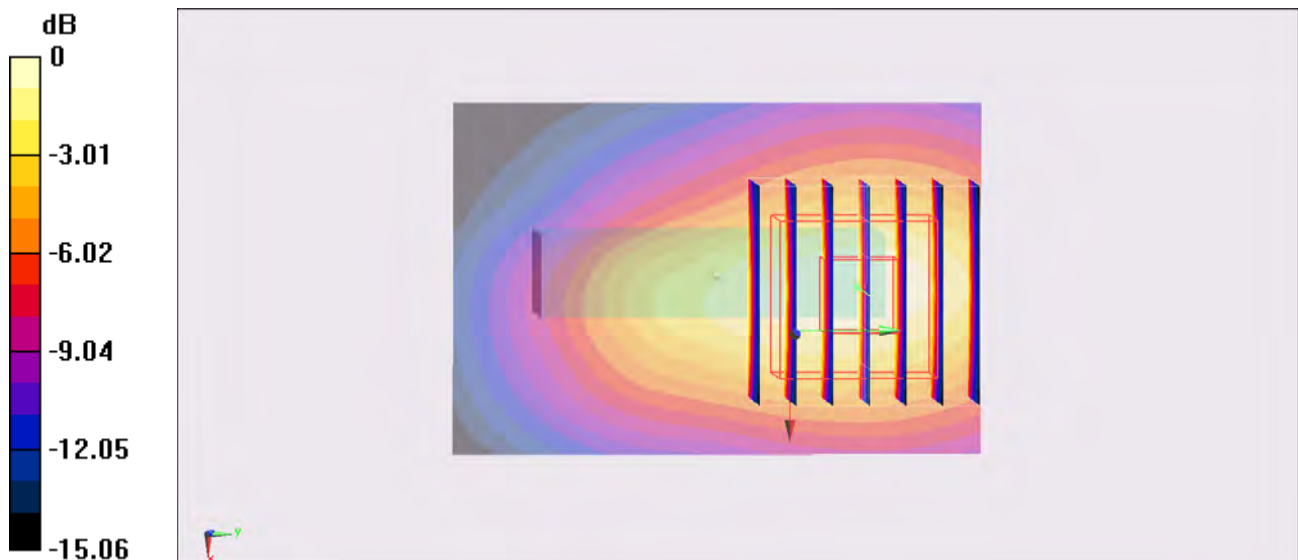
Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.689 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.51 W/kg

SAR(1 g) = 0.786 W/kg; SAR(10 g) = 0.409 W/kg

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



0 dB = 1.14 W/kg = 0.57 dBW/kg

#09_WLAN2.4G_802.11b 1Mbps_Veritical Back_0.5cm_Ch1

DUT: 331408-01

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

Medium: MSL_2450_130514 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.87$ S/m; $\epsilon_r = 53.218$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.57, 6.57, 6.57); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (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/Ch1/Area Scan (41x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
 Maximum value of SAR (interpolated) = 0.838 W/kg

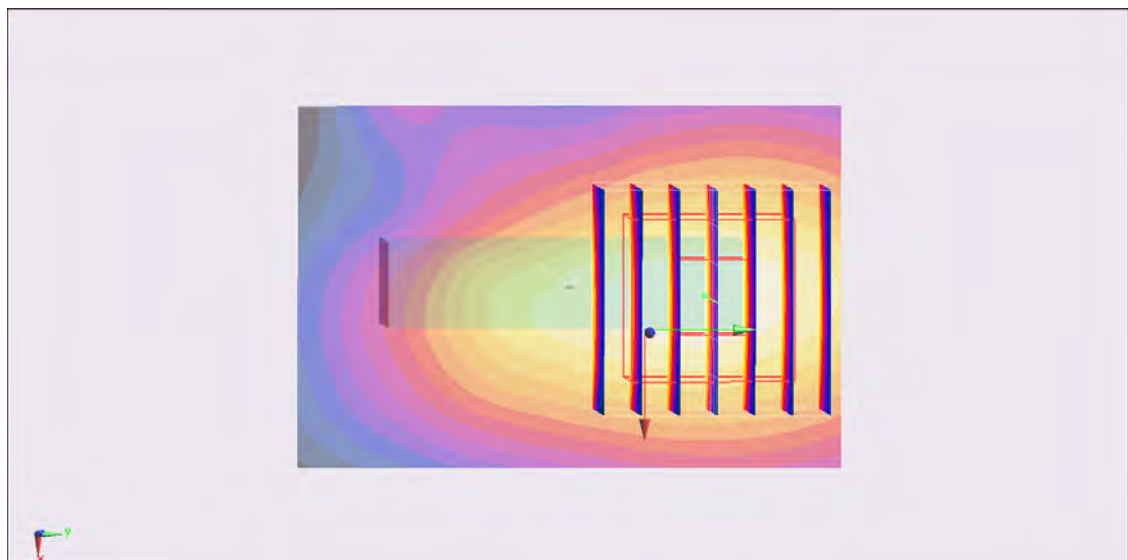
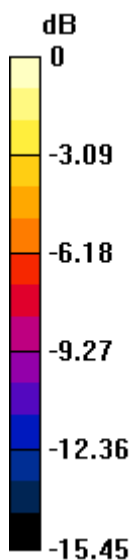
Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.489 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.576 W/kg; SAR(10 g) = 0.305 W/kg

Maximum value of SAR (measured) = 0.827 W/kg



0 dB = 0.827 W/kg = -0.82 dBW/kg

#10_WLAN2.4G_802.11b 1Mbps_Veritical Back_0.5cm_Ch6

DUT: 331408-01

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

Medium: MSL_2450_130514 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.904$ S/m; $\epsilon_r = 53.196$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.57, 6.57, 6.57); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (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/Ch6/Area Scan (41x61x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.849 W/kg

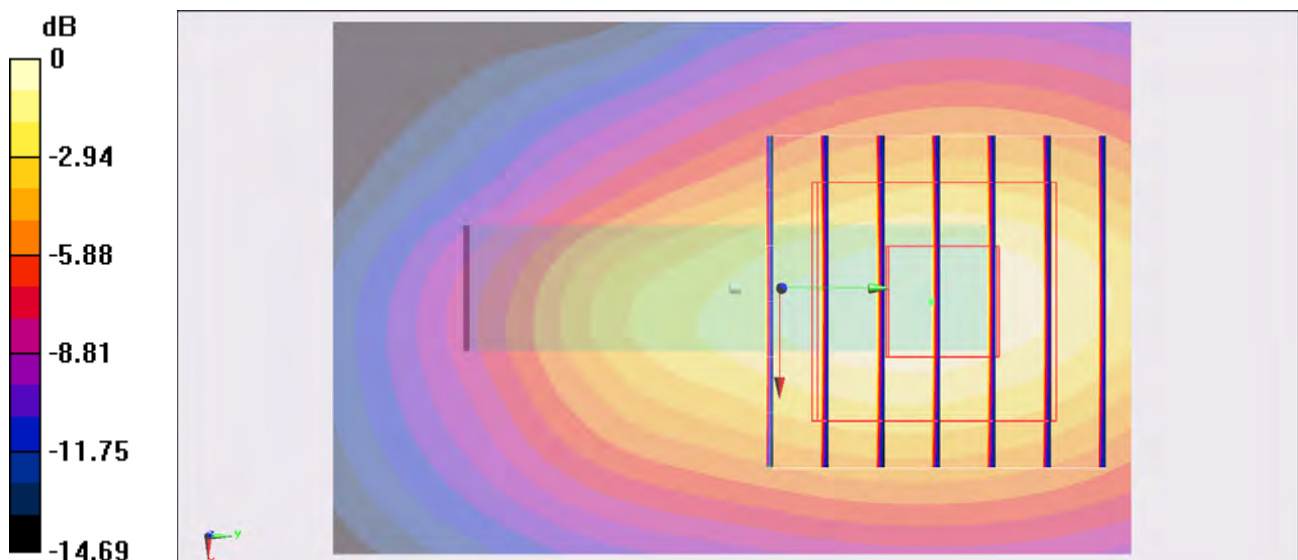
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.482 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.587 W/kg; SAR(10 g) = 0.307 W/kg

Maximum value of SAR (measured) = 0.846 W/kg



0 dB = 0.846 W/kg = -0.73 dBW/kg

#11_WLAN2.4G_802.11b 1Mbps_Tip Mode_0.5cm_Ch11

DUT: 331408-01

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

Medium: MSL_2450_130514 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.938$ S/m; $\epsilon_r = 53.161$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(6.57, 6.57, 6.57); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (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/Ch11/Area Scan (41x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
 Maximum value of SAR (interpolated) = 0.146 W/kg

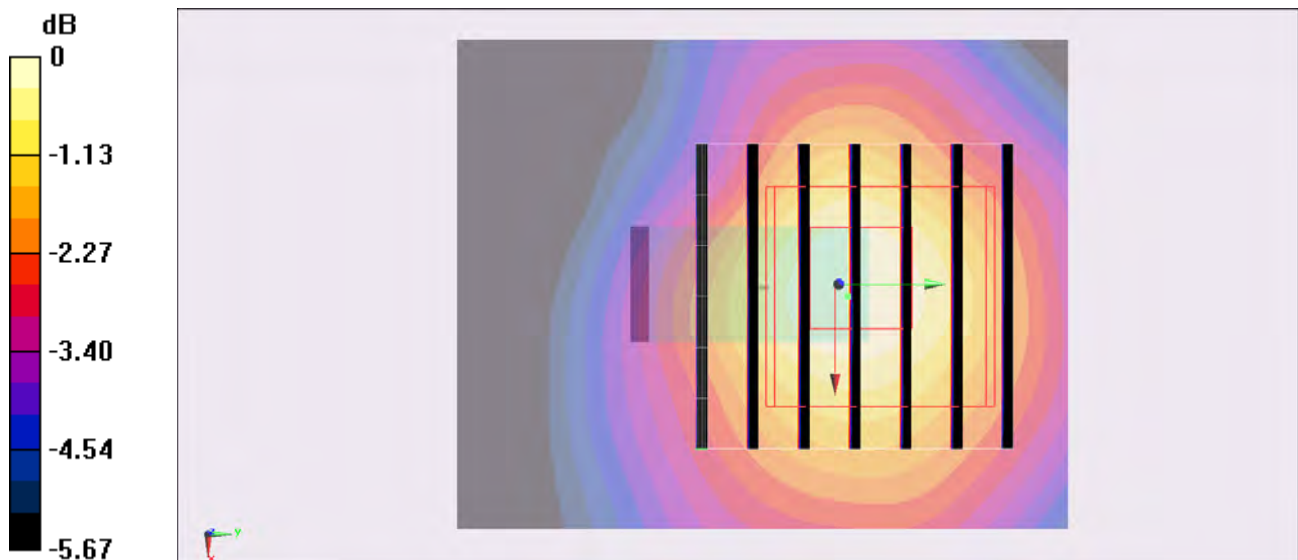
Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.976 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.196 W/kg

SAR(1 g) = 0.099 W/kg; SAR(10 g) = 0.060 W/kg

Maximum value of SAR (measured) = 0.141 W/kg



0 dB = 0.141 W/kg = -8.51 dBW/kg

#46_WLAN5G_802.11a 6Mbps_Horizontal Up_0.5cm_Ch48

DUT: 331408-01

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

Medium: MSL_5G_130518 Medium parameters used : $f = 5240$ MHz; $\sigma = 5.285$ mho/m; $\epsilon_r = 47.411$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch48/Area Scan (51x61x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.67 mW/g

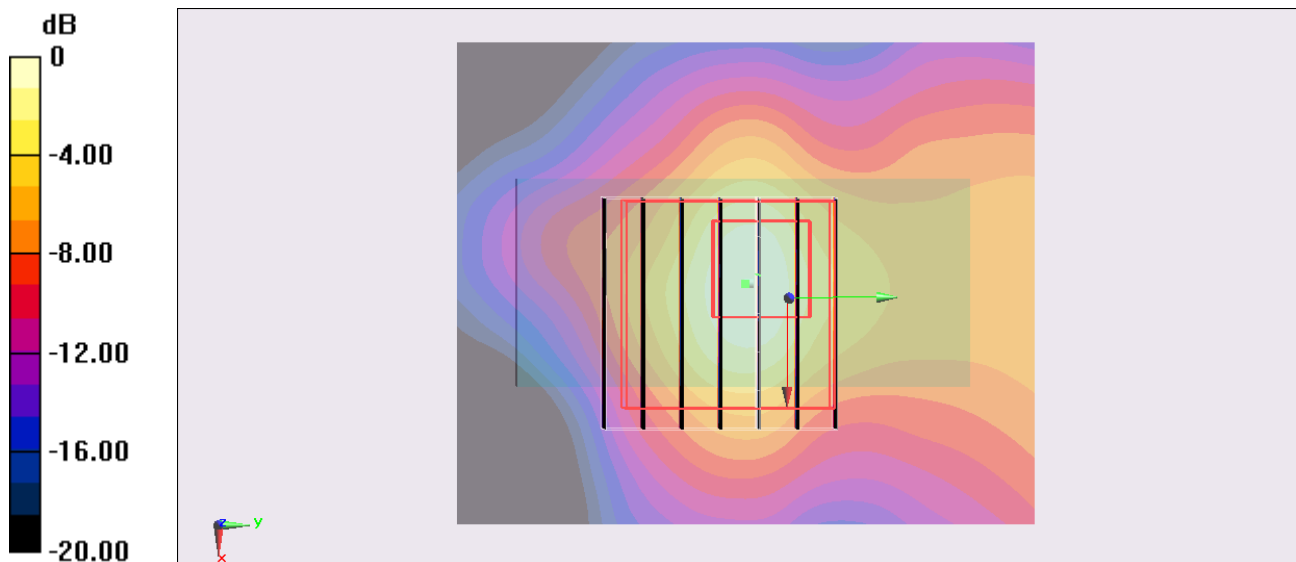
Configuration/Ch48/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 20.993 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 4.310 mW/g

SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.307 mW/g

Maximum value of SAR (measured) = 2.69 mW/g



0 dB = 2.69 mW/g = 8.60 dB mW/g

#19_WLAN5G_802.11a 6Mbps_Horizontal Up_0.5cm_Ch48;Repeat

DUT: 331408-01

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

Medium: MSL_5G_130518 Medium parameters used : $f = 5240$ MHz; $\sigma = 5.285$ mho/m; $\epsilon_r = 47.411$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch48/Area Scan (51x61x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.66 mW/g

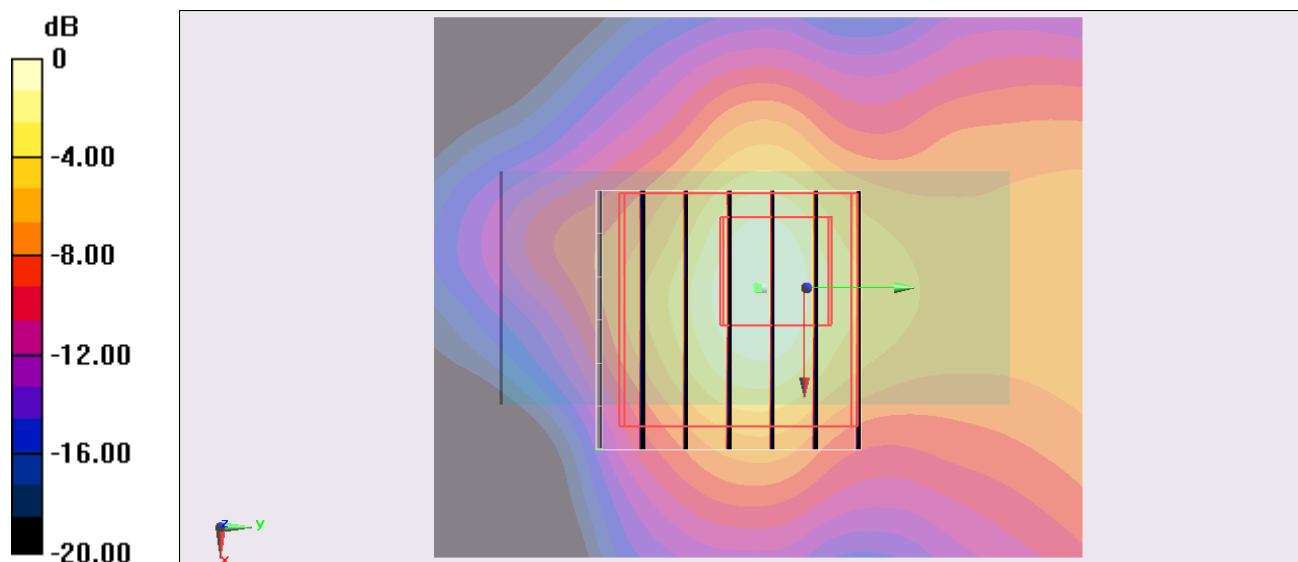
Configuration/Ch48/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 21.019 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 4.261 mW/g

SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.306 mW/g

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



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

#20_WLAN5G_802.11a 6Mbps_Horizontal Up_0.5cm_Ch36

DUT: 331408-01

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

Medium: MSL_5G_130518 Medium parameters used : $f = 5180$ MHz; $\sigma = 5.221$ mho/m; $\epsilon_r = 47.539$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch36/Area Scan (51x61x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.81 mW/g

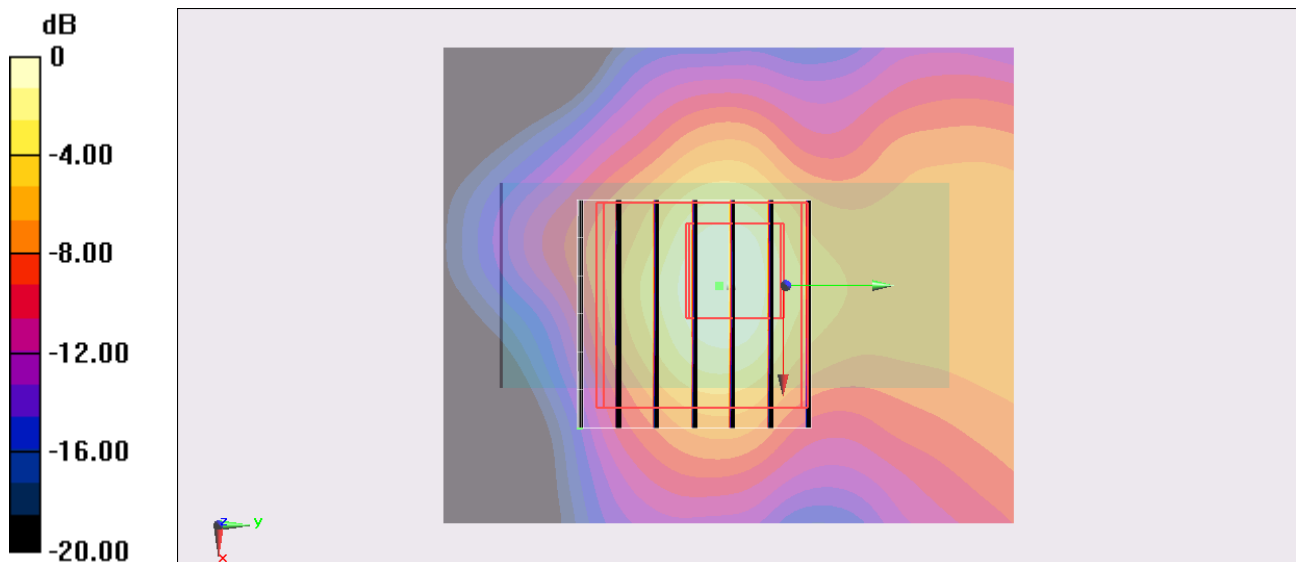
Configuration/Ch36/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 20.455 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 2.822 mW/g

SAR(1 g) = 0.756 mW/g; SAR(10 g) = 0.204 mW/g

Maximum value of SAR (measured) = 1.77 mW/g



0 dB = 1.77 mW/g = 4.96 dB mW/g

#21_WLAN5G_802.11a 6Mbps_Horizontal Down_0.5cm_Ch48

DUT: 331408-01

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

Medium: MSL_5G_130518 Medium parameters used : $f = 5240$ MHz; $\sigma = 5.285$ mho/m; $\epsilon_r = 47.411$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch48/Area Scan (51x71x1): Measurement grid: dx=10mm, dy=10mm

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

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

Reference Value = 15.977 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.741 mW/g

SAR(1 g) = 0.441 mW/g; SAR(10 g) = 0.148 mW/g

Maximum value of SAR (measured) = 1.04 mW/g

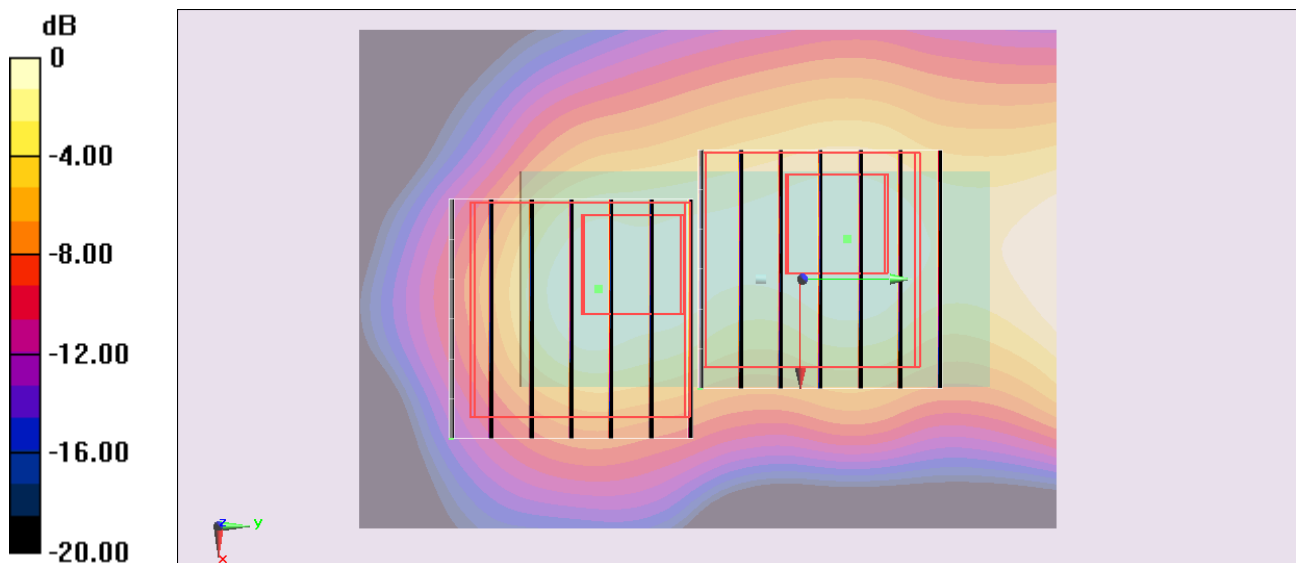
Configuration/Ch48/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 15.977 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.612 mW/g

SAR(1 g) = 0.386 mW/g; SAR(10 g) = 0.101 mW/g

Maximum value of SAR (measured) = 0.951 mW/g



0 dB = 0.951 mW/g = -0.44 dB mW/g

#22_WLAN5G_802.11a 6Mbps_Vertical Front_0.5cm_Ch48

DUT: 331408-01

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

Medium: MSL_5G_130518 Medium parameters used : $f = 5240$ MHz; $\sigma = 5.285$ mho/m; $\epsilon_r = 47.411$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch48/Area Scan (41x61x1): Measurement grid: dx=10mm, dy=10mm

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

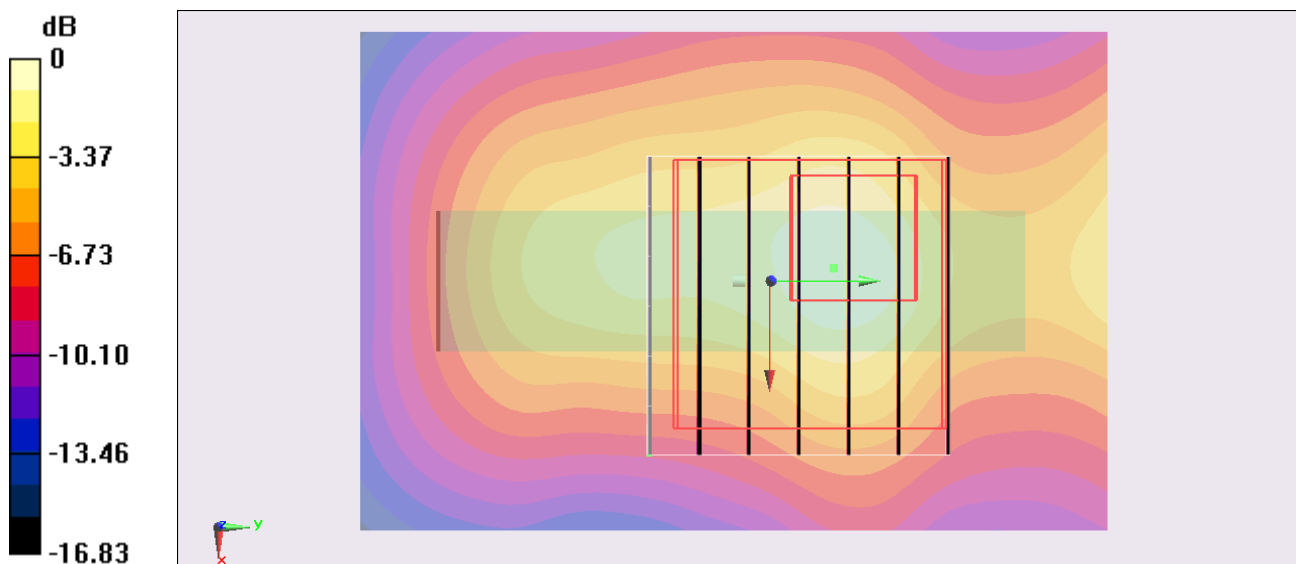
Configuration/Ch48/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 16.719 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 2.077 mW/g

SAR(1 g) = 0.536 mW/g; SAR(10 g) = 0.170 mW/g

Maximum value of SAR (measured) = 1.25 mW/g



0 dB = 1.25 mW/g = 1.94 dB mW/g

#23_WLAN5G_802.11a 6Mbps_Vertical Back_0.5cm_Ch48

DUT: 331408-01

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

Medium: MSL_5G_130518 Medium parameters used : $f = 5240$ MHz; $\sigma = 5.285$ mho/m; $\epsilon_r = 47.411$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch48/Area Scan (41x61x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.426 mW/g

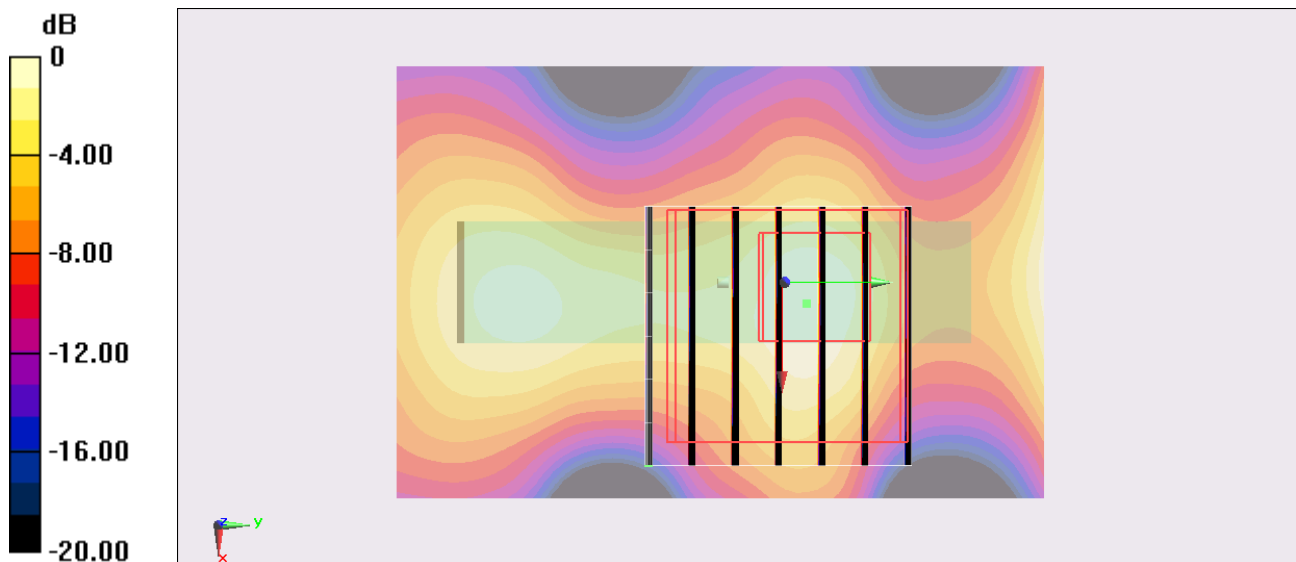
Configuration/Ch48/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.206 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.674 mW/g

SAR(1 g) = 0.161 mW/g; SAR(10 g) = 0.042 mW/g

Maximum value of SAR (measured) = 0.426 mW/g



0 dB = 0.426 mW/g = -7.41 dB mW/g

#24_WLAN5G_802.11a 6Mbps_Tip Mode_0.5cm_Ch48

DUT: 331408-01

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

Medium: MSL_5G_130518 Medium parameters used : $f = 5240$ MHz; $\sigma = 5.285$ mho/m; $\epsilon_r = 47.411$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch48/Area Scan (51x61x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.354 mW/g

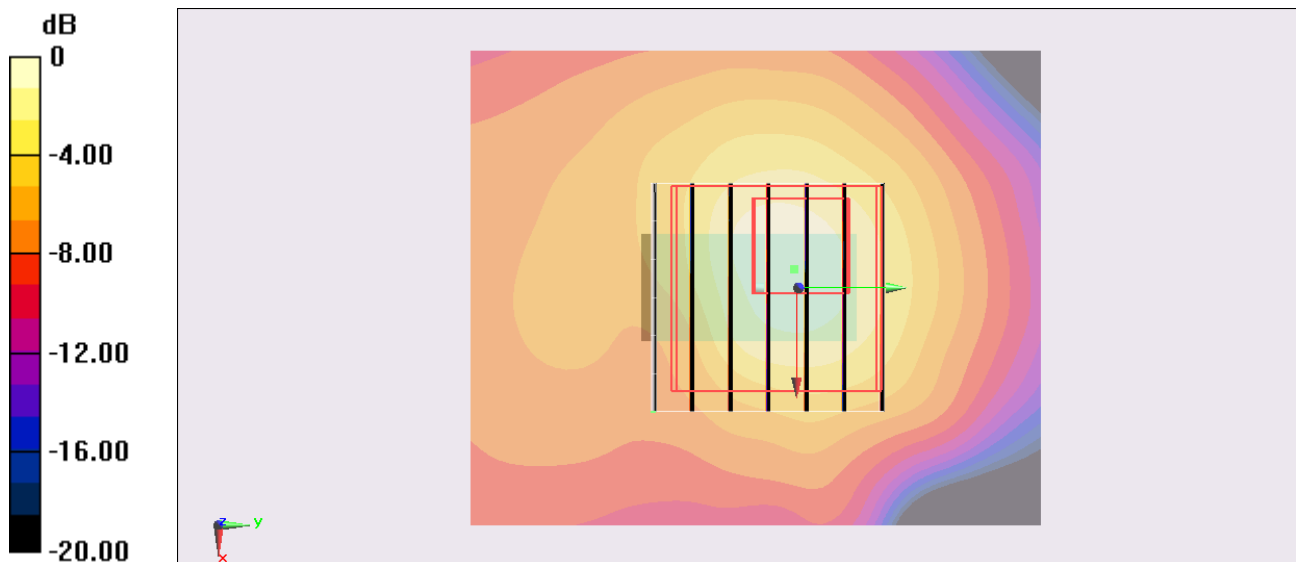
Configuration/Ch48/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.949 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.603 mW/g

SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.044 mW/g

Maximum value of SAR (measured) = 0.374 mW/g



0 dB = 0.374 mW/g = -8.54 dB mW/g

#25_WLAN5G_802.11ac-VHT80 MCS0_Horizontal Up_0.5cm_Ch42

DUT: 331408-01

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

Medium: MSL_5G_130518 Medium parameters used : $f = 5210$ MHz; $\sigma = 5.264$ mho/m; $\epsilon_r = 47.505$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch42/Area Scan (51x61x1): Measurement grid: dx=10mm, dy=10mm

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

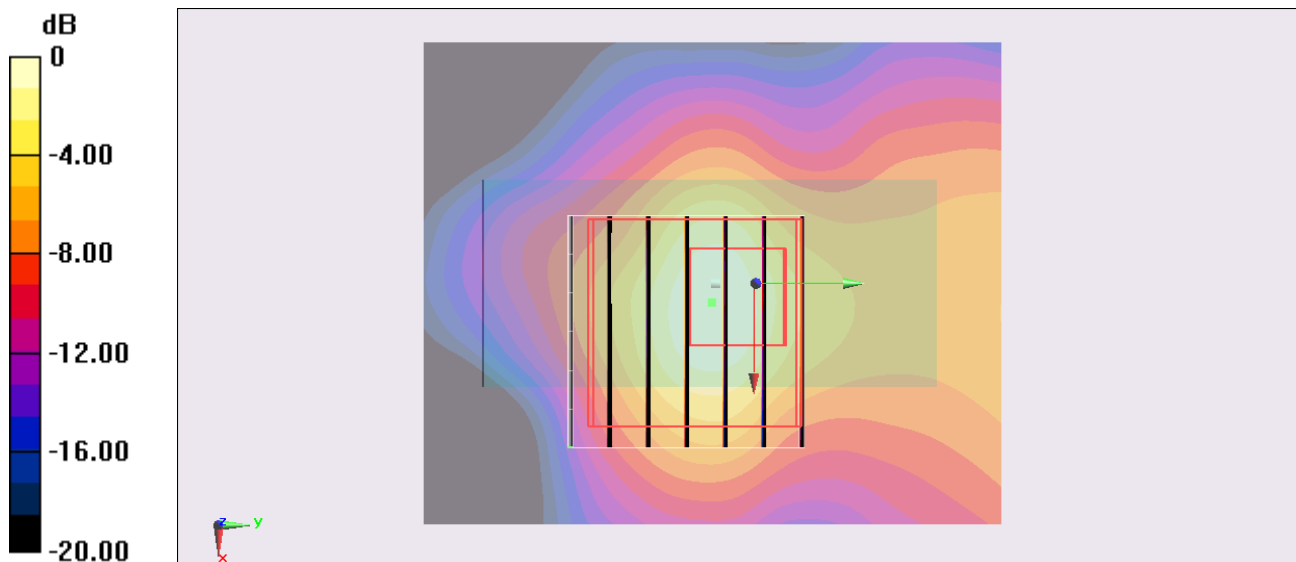
Configuration/Ch42/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 22.359 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 3.719 mW/g

SAR(1 g) = 0.95 mW/g; SAR(10 g) = 0.274 mW/g

Maximum value of SAR (measured) = 2.34 mW/g



0 dB = 2.34 mW/g = 7.38 dB mW/g

#26_WLAN5G_802.11a 6Mbps_Horizontal Up_0.5cm_Ch157

DUT: 331408-01

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

Medium: MSL_5G_130518 Medium parameters used : $f = 5785$ MHz; $\sigma = 6.131$ mho/m; $\epsilon_r = 46.556$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch157/Area Scan (51x61x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.53 mW/g

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

Reference Value = 23.177 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 4.263 mW/g

SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.319 mW/g

Maximum value of SAR (measured) = 2.62 mW/g

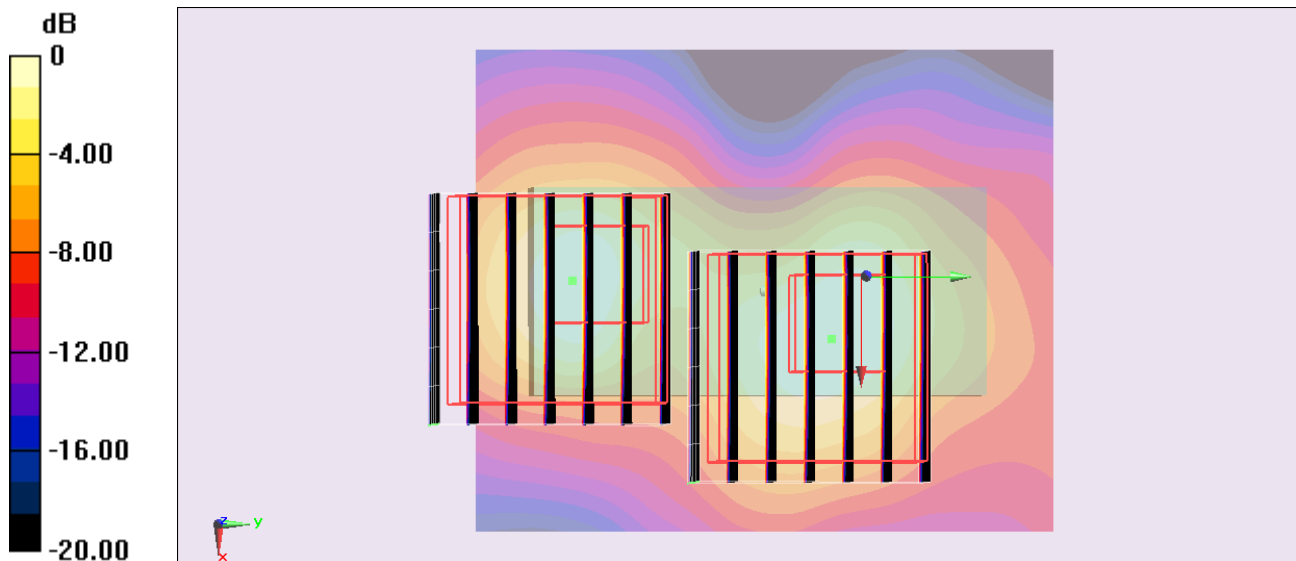
Configuration/Ch157/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 23.177 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 4.027 mW/g

SAR(1 g) = 0.923 mW/g; SAR(10 g) = 0.248 mW/g

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



0 dB = 2.39 mW/g = 7.57 dB mW/g

#34_WLAN5G_802.11a 6Mbps_Horizontal Up_0.5cm_Ch157;Repeat

DUT: 331408-01

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

Medium: MSL_5G_130518 Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 6.131 \text{ mho/m}$; $\epsilon_r = 46.556$; $\rho =$

1000 kg/m^3

Ambient Temperature : $22.4 \text{ }^\circ\text{C}$; Liquid Temperature : $21.4 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch157/Area Scan (51x61x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
 Maximum value of SAR (interpolated) = 2.26 mW/g

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

Reference Value = 21.358 V/m ; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 3.829 mW/g

SAR(1 g) = 0.981 mW/g ; SAR(10 g) = 0.300 mW/g

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

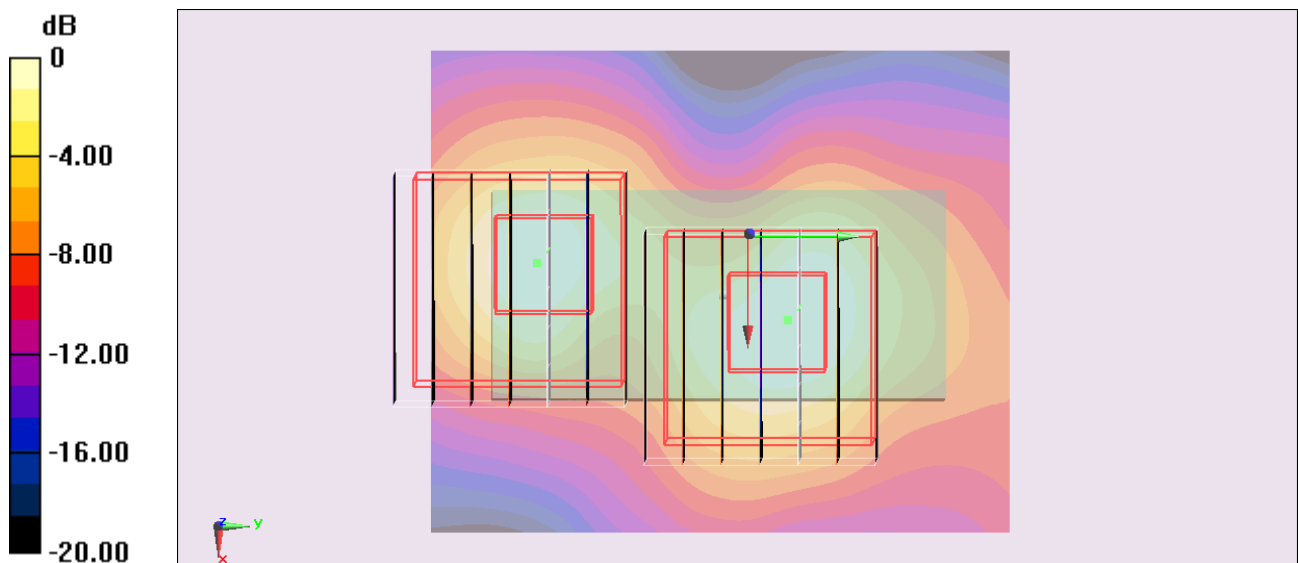
Configuration/Ch157/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$,
 $dz=1.4\text{mm}$

Reference Value = 21.358 V/m ; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 3.673 mW/g

SAR(1 g) = 0.835 mW/g ; SAR(10 g) = 0.237 mW/g

Maximum value of SAR (measured) = 2.13 mW/g



0 dB = $2.13 \text{ mW/g} = 6.57 \text{ dB mW/g}$

#27_WLAN5G_802.11a 6Mbps_Horizontal Up_0.5cm_Ch149

DUT: 331408-01

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

Medium: MSL_5G_130529 Medium parameters used: $f = 5745$ MHz; $\sigma = 6.069$ S/m; $\epsilon_r = 46.672$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °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 (51x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 1.59 W/kg

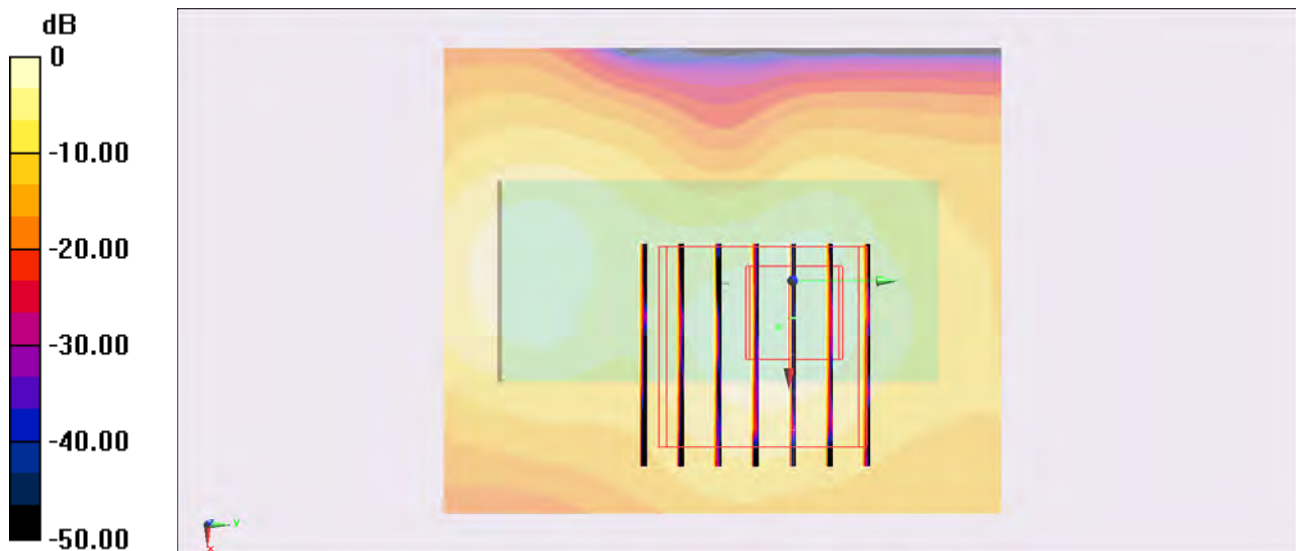
Configuration/Ch149/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 16.835 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 2.458 W/kg

SAR(1 g) = 0.608 W/kg; SAR(10 g) = 0.191 W/kg

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



0 dB = 1.53 W/kg = 3.69 dBW/kg

#28_WLAN5G_802.11a 6Mbps_Horizontal Up_0.5cm_Ch165

DUT: 331408-01

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

Medium: MSL_5G_130518 Medium parameters used : $f = 5825$ MHz; $\sigma = 6.211$ mho/m; $\epsilon_r = 46.434$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch165/Area Scan (51x61x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 1.47 mW/g

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

Reference Value = 16.276 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.369 mW/g

SAR(1 g) = 0.599 mW/g; SAR(10 g) = 0.186 mW/g

Maximum value of SAR (measured) = 1.43 mW/g

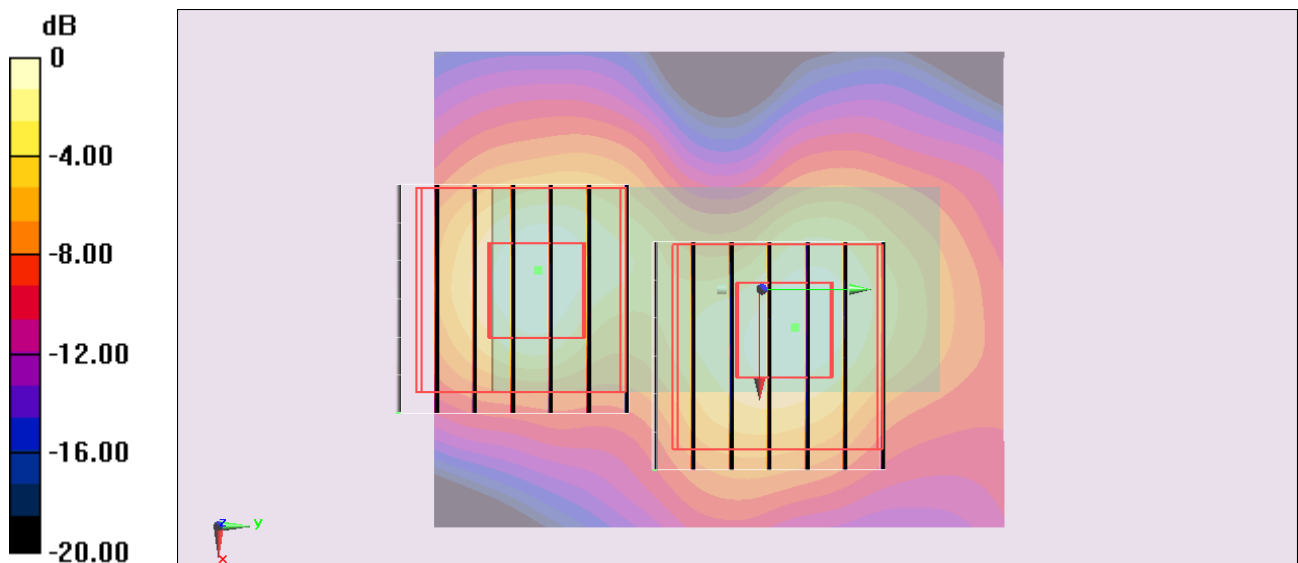
Configuration/Ch165/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 16.276 V/m; Power Drift = -0.72 dB

Peak SAR (extrapolated) = 2.560 mW/g

SAR(1 g) = 0.570 mW/g; SAR(10 g) = 0.160 mW/g

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



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

#29_WLAN5G_802.11a 6Mbps_Horizontal Down_0.5cm_Ch157

DUT: 331408-01

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

Medium: MSL_5G_130518 Medium parameters used: $f = 5785$ MHz; $\sigma = 6.131$ mho/m; $\epsilon_r = 46.556$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch157/Area Scan (51x61x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.46 mW/g

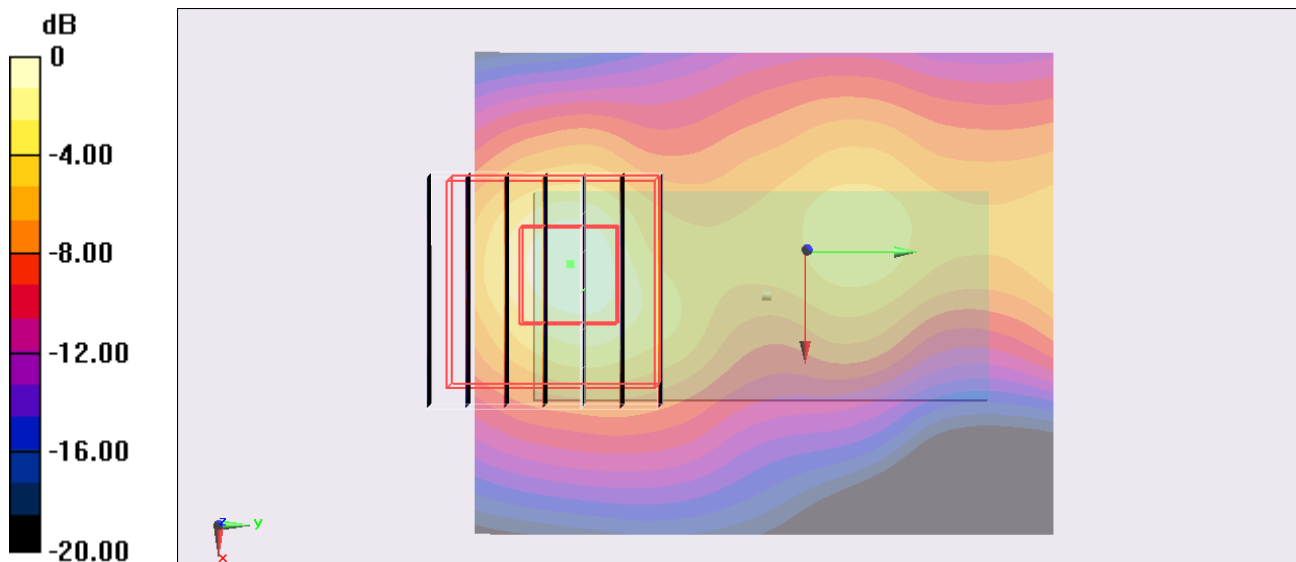
Configuration/Ch157/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 22.983 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 4.258 mW/g

SAR(1 g) = 0.958 mW/g; SAR(10 g) = 0.268 mW/g

Maximum value of SAR (measured) = 2.46 mW/g



0 dB = 2.46 mW/g = 7.82 dB mW/g

#30_WLAN5G_802.11a 6Mbps_Horizontal Down_0.5cm_Ch149

DUT: 331408-01

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

Medium: MSL_5G_130529 Medium parameters used: $f = 5745$ MHz; $\sigma = 6.069$ S/m; $\epsilon_r = 46.672$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °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 (51x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 1.37 W/kg

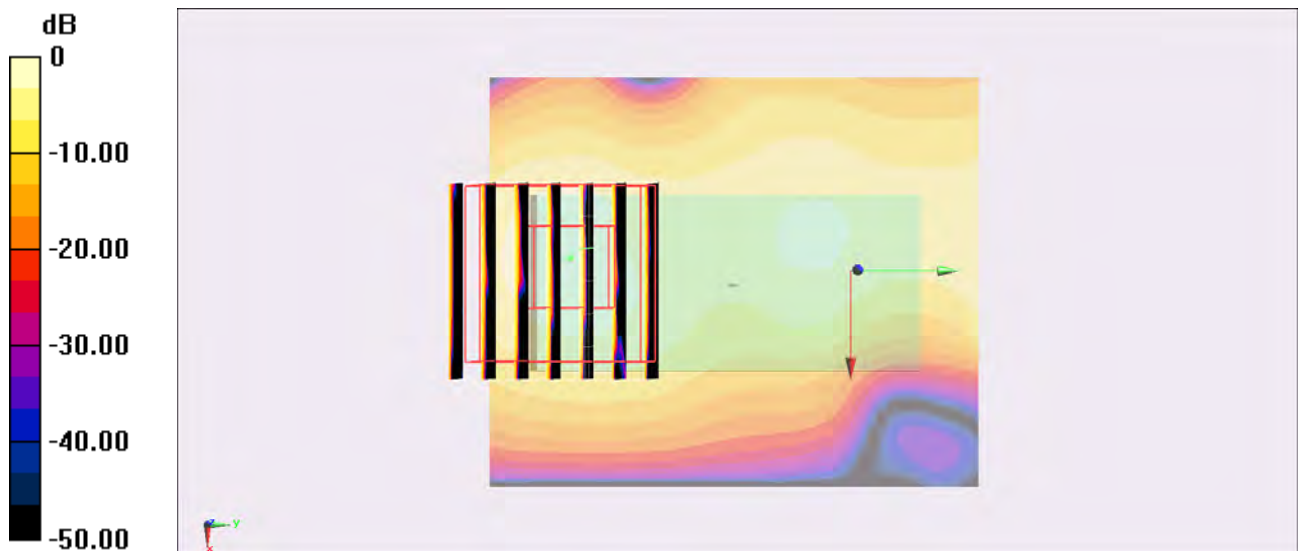
Configuration/Ch149/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 16.697 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 2.26 W/kg

SAR(1 g) = 0.508 W/kg; SAR(10 g) = 0.141 W/kg

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



0 dB = 1.31 W/kg = 2.35 dBW/kg

#31_WLAN5G_802.11a 6Mbps_Horizontal Down_0.5cm_Ch165

DUT: 331408-01

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

Medium: MSL_5G_130518 Medium parameters used: $f = 5825$ MHz; $\sigma = 6.211$ mho/m; $\epsilon_r = 46.434$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch165/Area Scan (51x61x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 1.25 mW/g

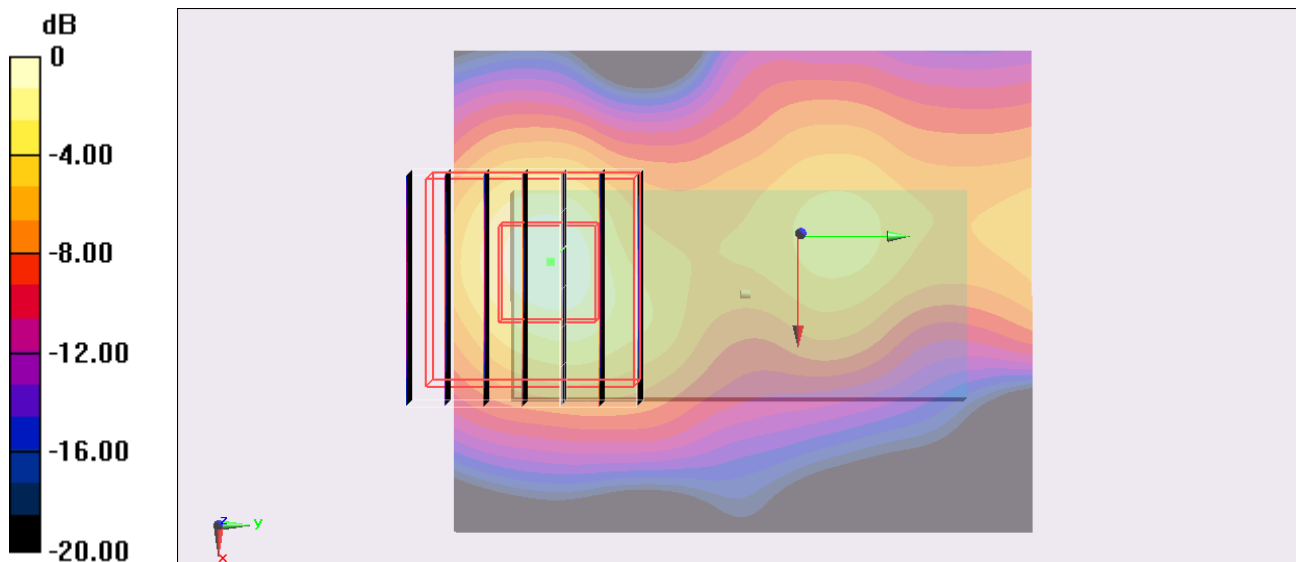
Configuration/Ch165/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm,
 dz=1.4mm

Reference Value = 16.495 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 2.177 mW/g

SAR(1 g) = 0.472 mW/g; SAR(10 g) = 0.128 mW/g

Maximum value of SAR (measured) = 1.25 mW/g



0 dB = 1.25 mW/g = 1.94 dB mW/g

#32_WLAN5G_802.11a 6Mbps_Vertical Front_0.5cm_Ch157

DUT: 331408-01

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

Medium: MSL_5G_130518 Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 6.131 \text{ mho/m}$; $\epsilon_r = 46.556$; $\rho =$

1000 kg/m^3

Ambient Temperature : $22.4 \text{ }^\circ\text{C}$; Liquid Temperature : $21.4 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch157/Area Scan (51x61x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 2.63 mW/g

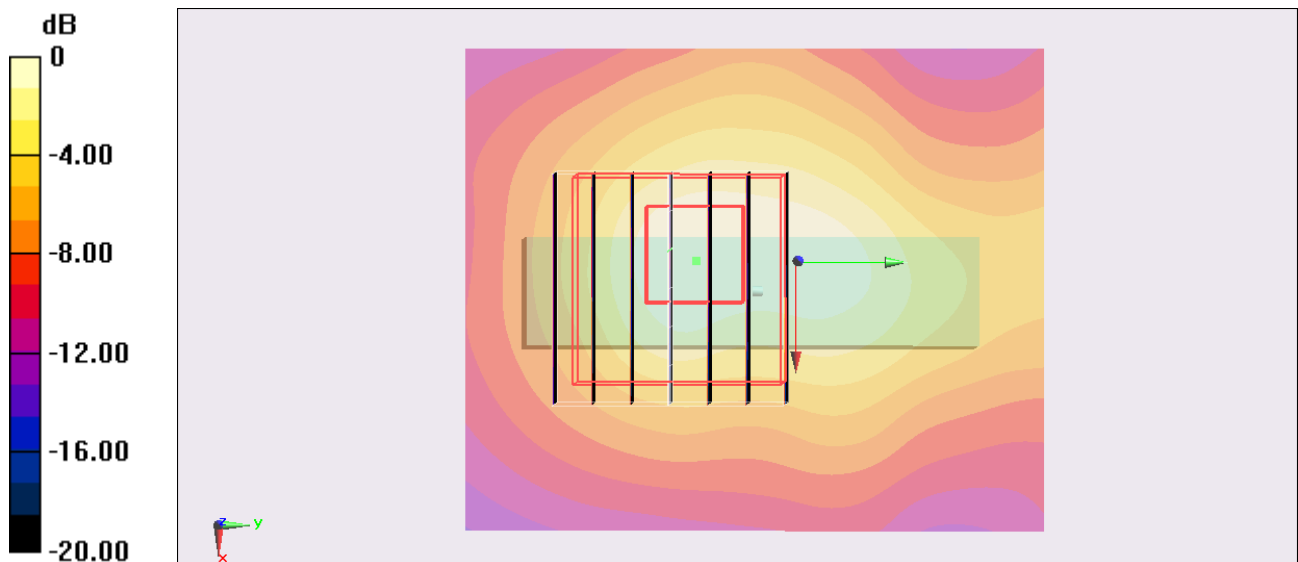
Configuration/Ch157/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 23.291 V/m ; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 4.323 mW/g

SAR(1 g) = 1.01 mW/g ; SAR(10 g) = 0.370 mW/g

Maximum value of SAR (measured) = 2.47 mW/g



0 dB = $2.47 \text{ mW/g} = 7.85 \text{ dB mW/g}$

#39_WLAN5G_802.11a 6Mbps_Veritical Front_0.5cm_Ch149

DUT: 331408-01

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

Medium: MSL_5G_130529 Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 6.069 \text{ S/m}$; $\epsilon_r = 46.672$; $\rho =$

1000 kg/m^3

Ambient Temperature : $22.2 \text{ }^\circ\text{C}$; Liquid Temperature : $21.2 \text{ }^\circ\text{C}$

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 v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (4); SEMCAD X Version 14.6.8 (7028)

Configuration/Ch149/Area Scan (51x61x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
 Maximum value of SAR (interpolated) = 1.72 W/kg

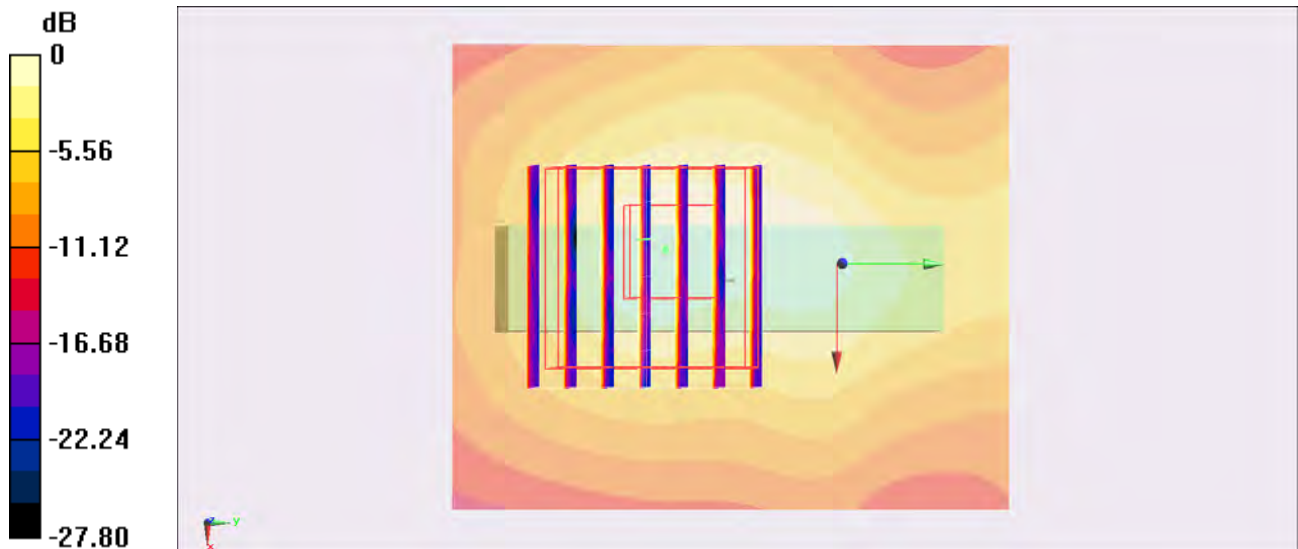
Configuration/Ch149/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$,
 $dz=1.4\text{mm}$

Reference Value = 18.324 V/m ; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 2.715 W/kg

SAR(1 g) = 0.725 W/kg ; SAR(10 g) = 0.252 W/kg

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



0 dB = 1.74 W/kg = 4.81 dBW/kg

#40_WLAN5G_802.11a 6Mbps_Vertical Front_0.5cm_Ch165

DUT: 331408-01

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

Medium: MSL_5G_130518 Medium parameters used: $f = 5825$ MHz; $\sigma = 6.211$ mho/m; $\epsilon_r = 46.434$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch165/Area Scan (51x61x1): Measurement grid: dx=10mm, dy=10mm

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

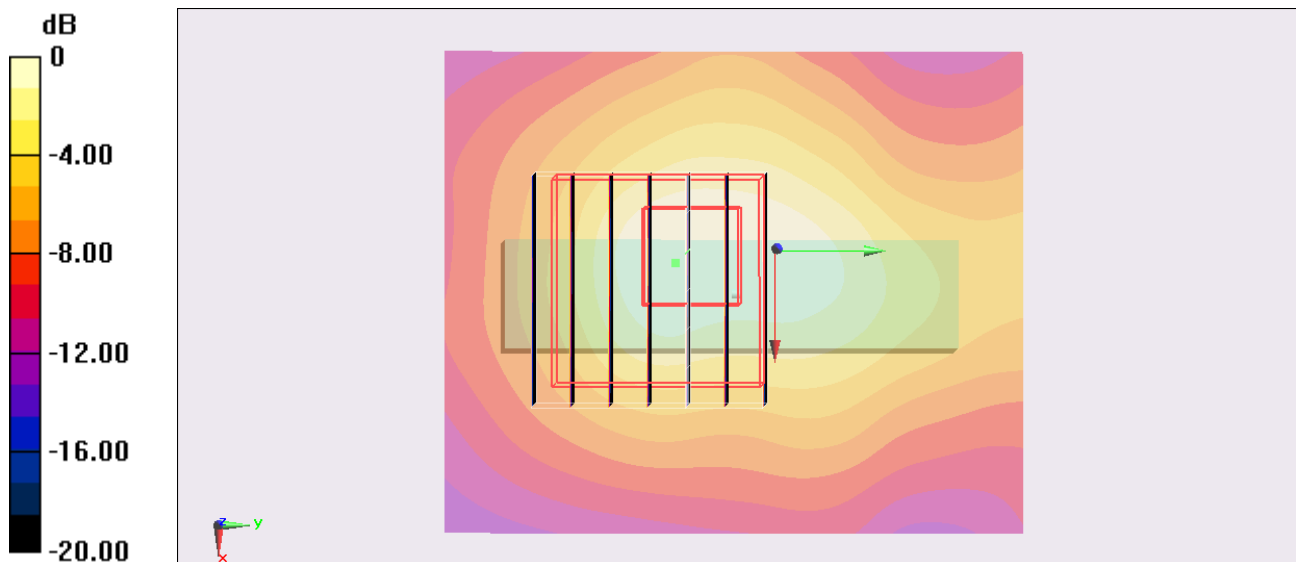
Configuration/Ch165/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 18.043 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 2.609 mW/g

SAR(1 g) = 0.647 mW/g; SAR(10 g) = 0.223 mW/g

Maximum value of SAR (measured) = 1.50 mW/g



0 dB = 1.50 mW/g = 3.52 dB mW/g

#35_WLAN5G_802.11a 6Mbps_Veritical Back_0.5cm_Ch157

DUT: 331408-01

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

Medium: MSL_5G_130518 Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 6.131 \text{ mho/m}$; $\epsilon_r = 46.556$; $\rho =$

1000 kg/m^3

Ambient Temperature : $22.4 \text{ }^\circ\text{C}$; Liquid Temperature : $21.4 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch157/Area Scan (51x61x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

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

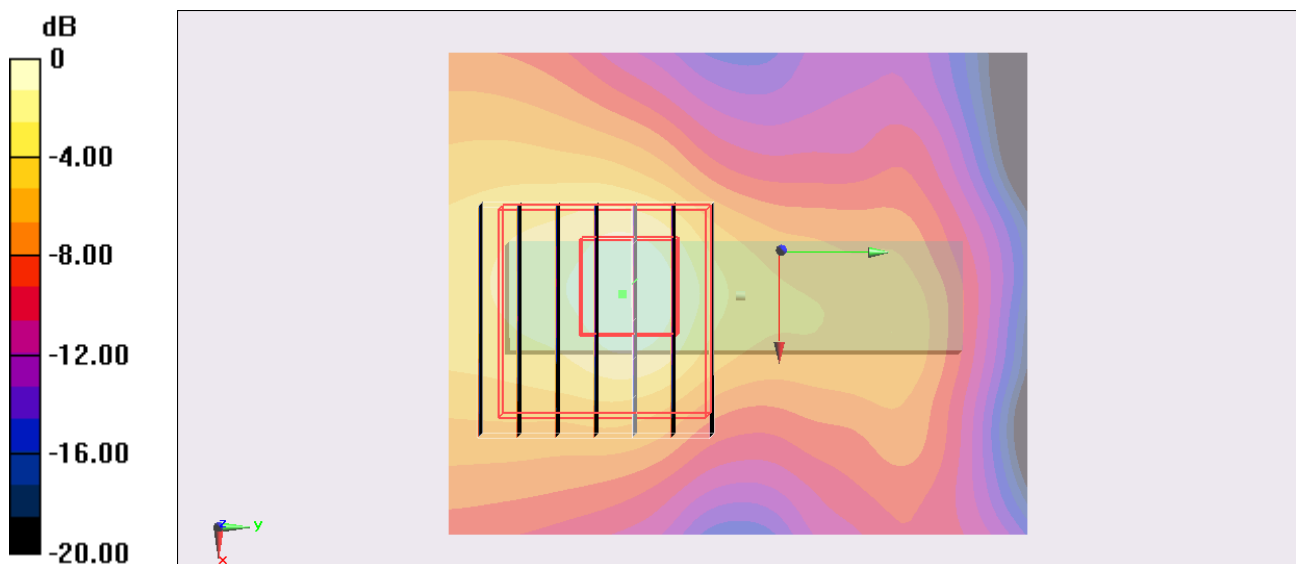
Configuration/Ch157/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 15.009 V/m ; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 2.060 mW/g

SAR(1 g) = 0.469 mW/g ; SAR(10 g) = 0.152 mW/g

Maximum value of SAR (measured) = 1.20 mW/g



0 dB = $1.20 \text{ mW/g} = 1.58 \text{ dB mW/g}$

#36_WLAN5G_802.11a 6Mbps_Tip Mode_0.5cm_Ch157

DUT: 331408-01

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

Medium: MSL_5G_130518 Medium parameters used: $f = 5785 \text{ MHz}$; $\sigma = 6.131 \text{ mho/m}$; $\epsilon_r = 46.556$; $\rho =$

1000 kg/m^3

Ambient Temperature : $22.4 \text{ }^\circ\text{C}$; Liquid Temperature : $21.4 \text{ }^\circ\text{C}$

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch157/Area Scan (51x61x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 2.74 mW/g

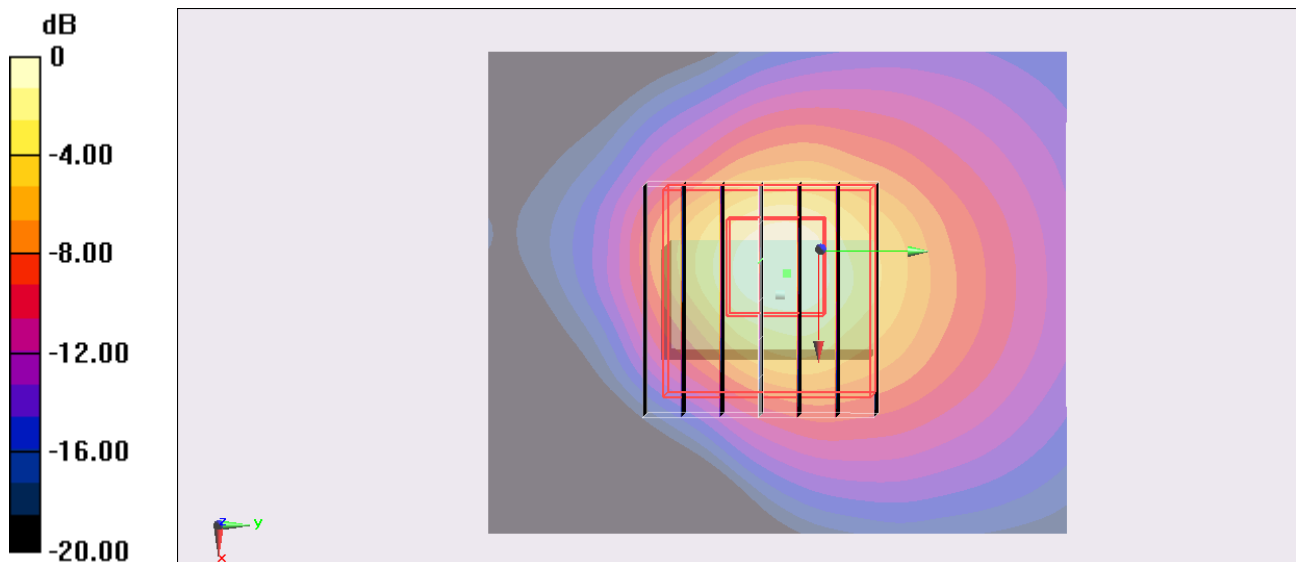
Configuration/Ch157/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 24.591 V/m ; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 4.637 mW/g

SAR(1 g) = 0.952 mW/g ; SAR(10 g) = 0.274 mW/g

Maximum value of SAR (measured) = 2.72 mW/g



0 dB = $2.72 \text{ mW/g} = 8.69 \text{ dB mW/g}$

#37_WLAN5G_802.11a 6Mbps_Tip Mode_0.5cm_Ch149

DUT: 331408-01

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

Medium: MSL_5G_130529 Medium parameters used: $f = 5745$ MHz; $\sigma = 6.069$ S/m; $\epsilon_r = 46.672$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °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 (51x61x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 1.71 W/kg

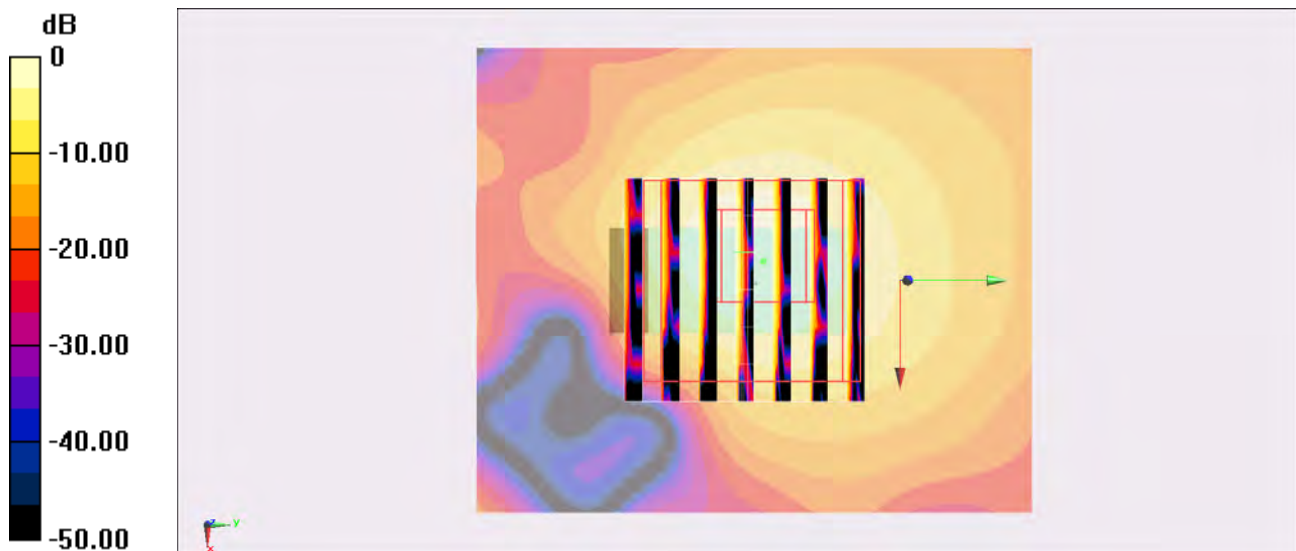
Configuration/Ch149/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 18.905 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.656 W/kg; SAR(10 g) = 0.176 W/kg

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



0 dB = 1.69 W/kg = 4.58 dBW/kg

#38_WLAN5G_802.11a 6Mbps_Tip Mode_0.5cm_Ch165

DUT: 331408-01

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

Medium: MSL_5G_130518 Medium parameters used: $f = 5825$ MHz; $\sigma = 6.211$ mho/m; $\epsilon_r = 46.434$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch165/Area Scan (51x61x1): Measurement grid: dx=10mm, dy=10mm

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

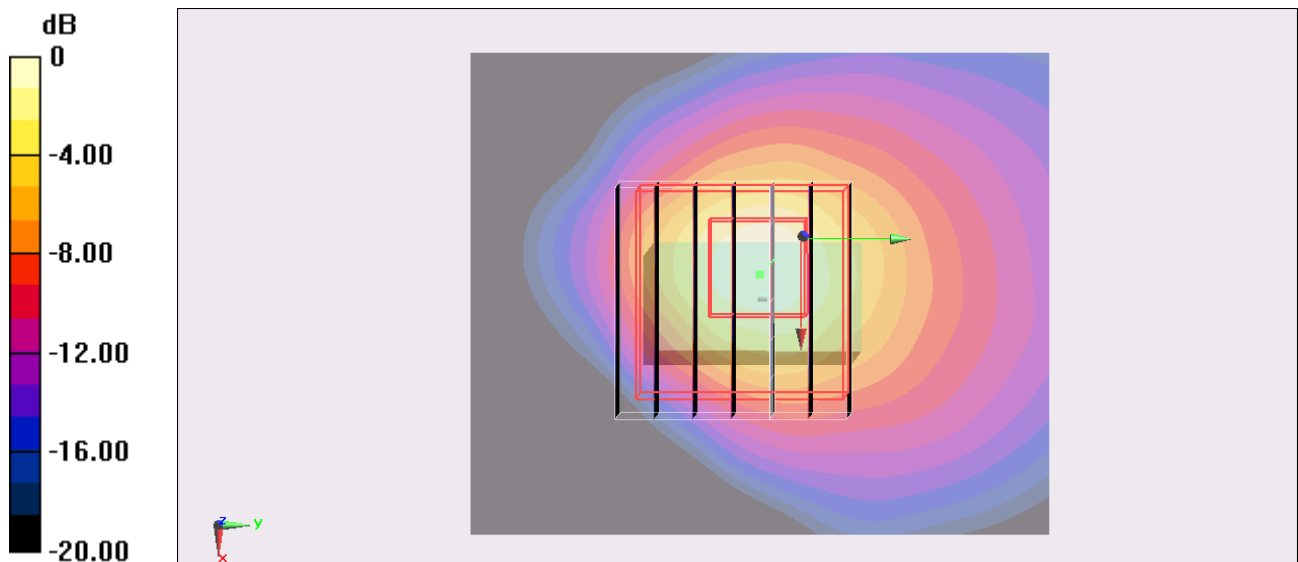
Configuration/Ch165/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 18.497 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 2.647 mW/g

SAR(1 g) = 0.593 mW/g; SAR(10 g) = 0.150 mW/g

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



0 dB = 1.57 mW/g = 3.92 dB mW/g

#33_WLAN5G_802.11ac-VHT80 MCS0_Horizontal Up_0.5cm_Ch155

DUT: 331408-01

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

Medium: MSL_5G_130518 Medium parameters used: $f = 5775$ MHz; $\sigma = 6.121$ mho/m; $\epsilon_r = 46.599$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch155/Area Scan (51x61x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 1.21 mW/g

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

Reference Value = 15.982 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 2.069 mW/g

SAR(1 g) = 0.510 mW/g; SAR(10 g) = 0.155 mW/g

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

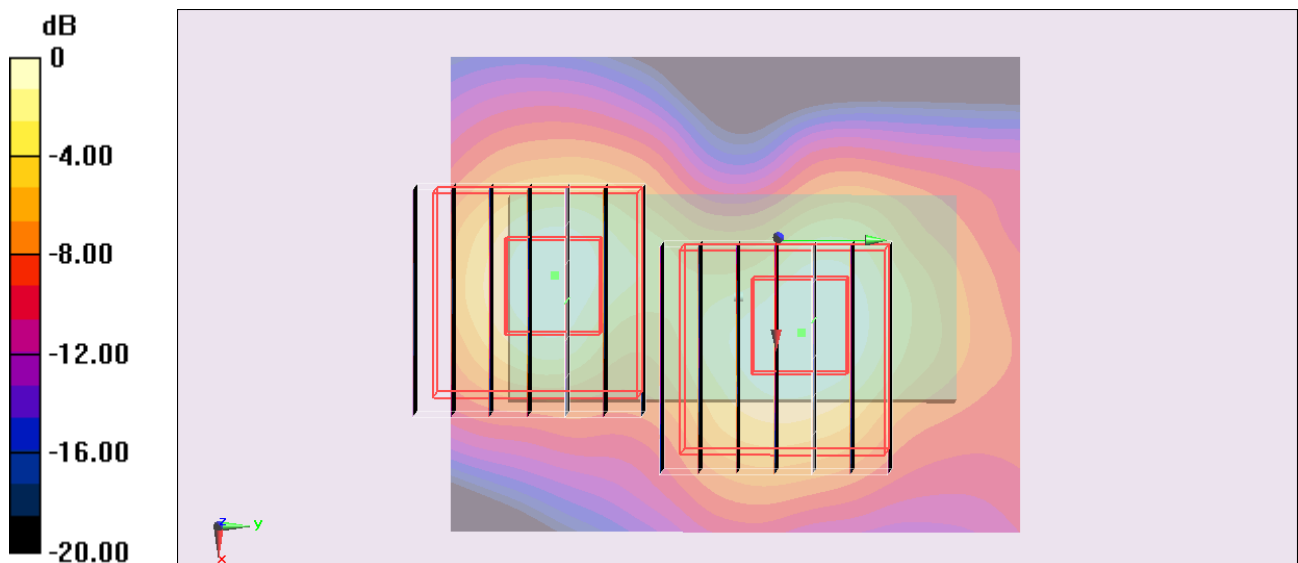
Configuration/Ch155/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 15.982 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 1.935 mW/g

SAR(1 g) = 0.429 mW/g; SAR(10 g) = 0.120 mW/g

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



0 dB = 1.10 mW/g = 0.83 dB mW/g