

#84_WLAN2.4G_802.11b 1Mbps_Bottom Face_0cm_Ch6;Ant Main

DUT: 13-2-347

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1.053

Medium: MSL_2450_130519 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.991$ mho/m; $\epsilon_r = 53.834$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °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 (51x121x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.110 mW/g

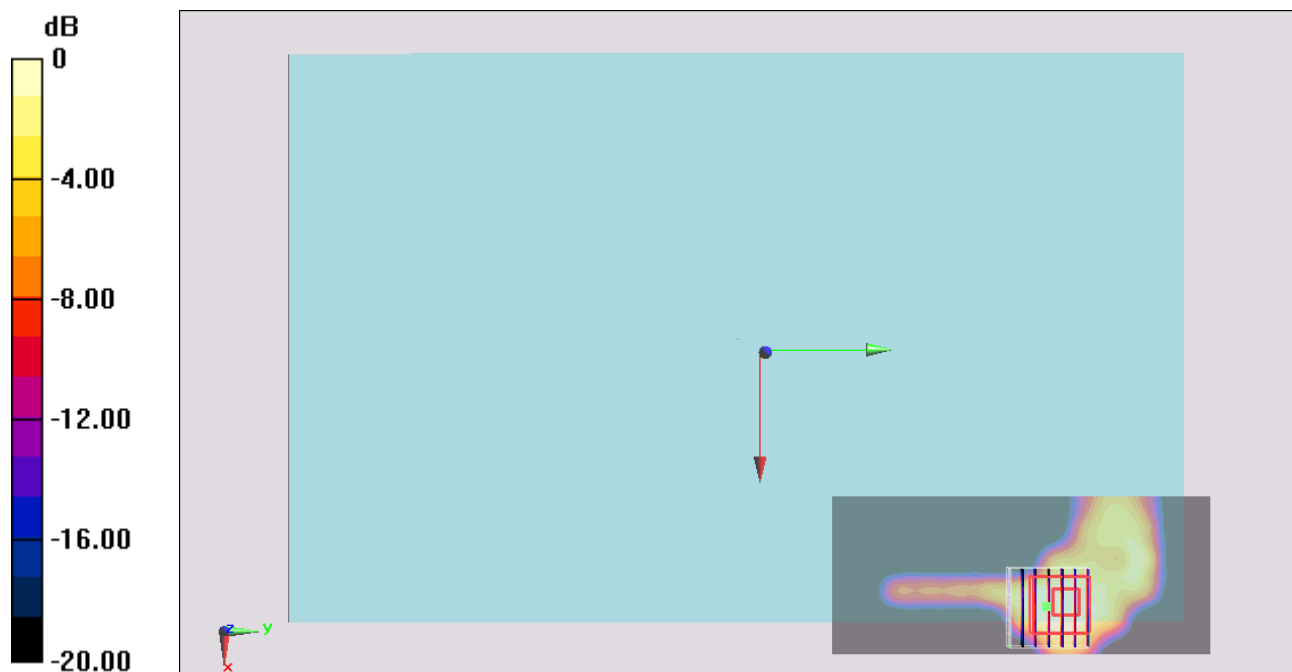
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm,
dz=5mm

Reference Value = 5.530 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.105 mW/g

SAR(1 g) = 0.052 mW/g; SAR(10 g) = 0.023 mW/g

Maximum value of SAR (measured) = 0.0766 mW/g



0 dB = 0.0766 mW/g = -22.32 dB mW/g

#82_WLAN2.4G_802.11b 1Mbps_Edge 1_0cm_Ch6;Ant Main

DUT: 13-2-347

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1.053

Medium: MSL_2450_130519 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.991$ mho/m; $\epsilon_r = 53.834$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °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 (41x121x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.258 mW/g

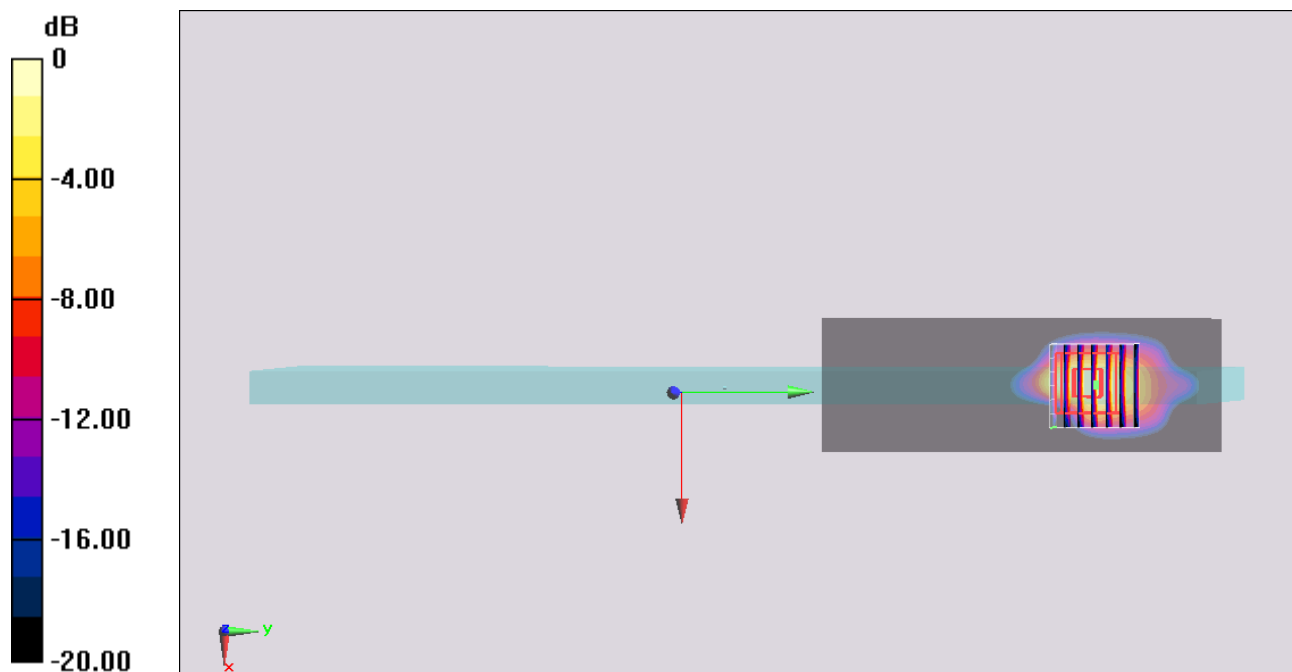
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.308 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.321 mW/g

SAR(1 g) = 0.141 mW/g; SAR(10 g) = 0.058 mW/g

Maximum value of SAR (measured) = 0.229 mW/g



0 dB = 0.229 mW/g = -12.80 dB mW/g

#83_WLAN2.4G_802.11b 1Mbps_Edge 2_0cm_Ch6;Ant Main

DUT: 13-2-347

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1.053

Medium: MSL_2450_130519 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.991$ mho/m; $\epsilon_r = 53.834$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °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 (51x101x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0193 mW/g

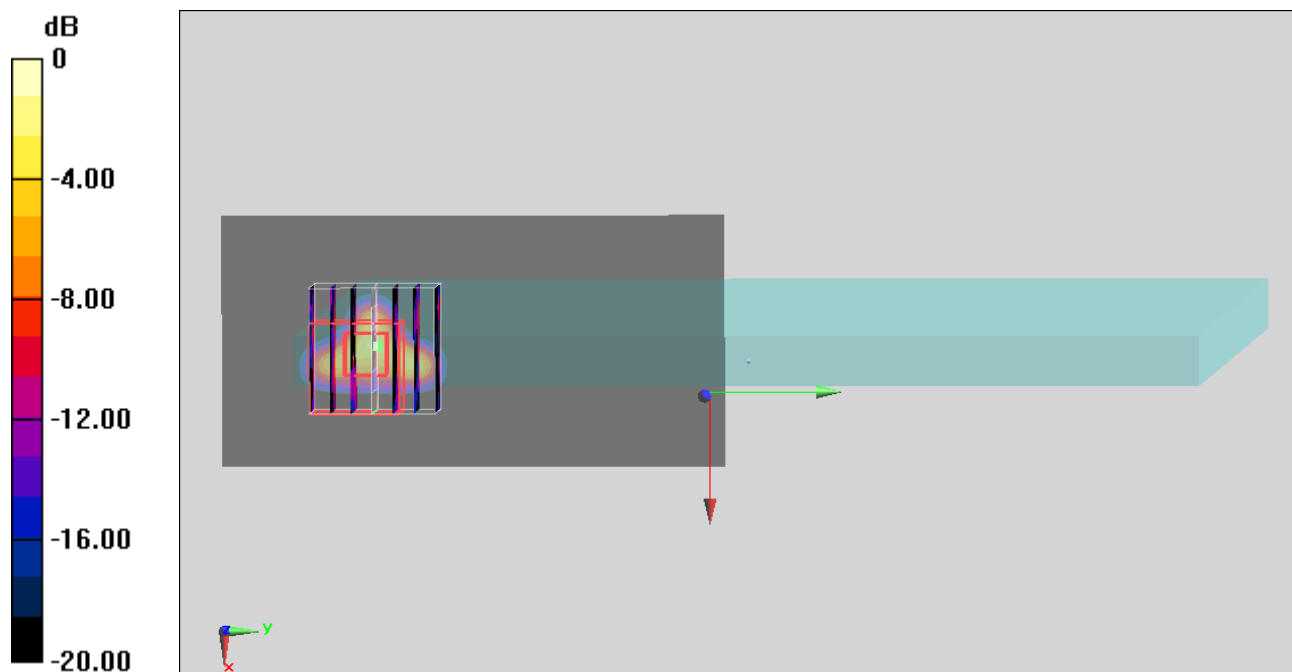
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.443 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.033 mW/g

SAR(1 g) = 0.00281 mW/g; SAR(10 g) = 0.000504 mW/g

Maximum value of SAR (measured) = 0.0327 mW/g



0 dB = 0.0327 mW/g = -29.71 dB mW/g

#81_WLAN2.4G_802.11b 1Mbps_Curved surface of Edge1_0cm_Ch6;Ant Main

DUT: 13-2-347

Communication System: 802.11b; Frequency: 2437 MHz; Duty Cycle: 1:1.053

Medium: MSL_2450_130519 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.991$ mho/m; $\epsilon_r = 53.834$; ρ

$= 1000$ kg/m³

Ambient Temperature : 22.4 °C; Liquid Temperature : 21.4 °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 (61x121x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.707 mW/g

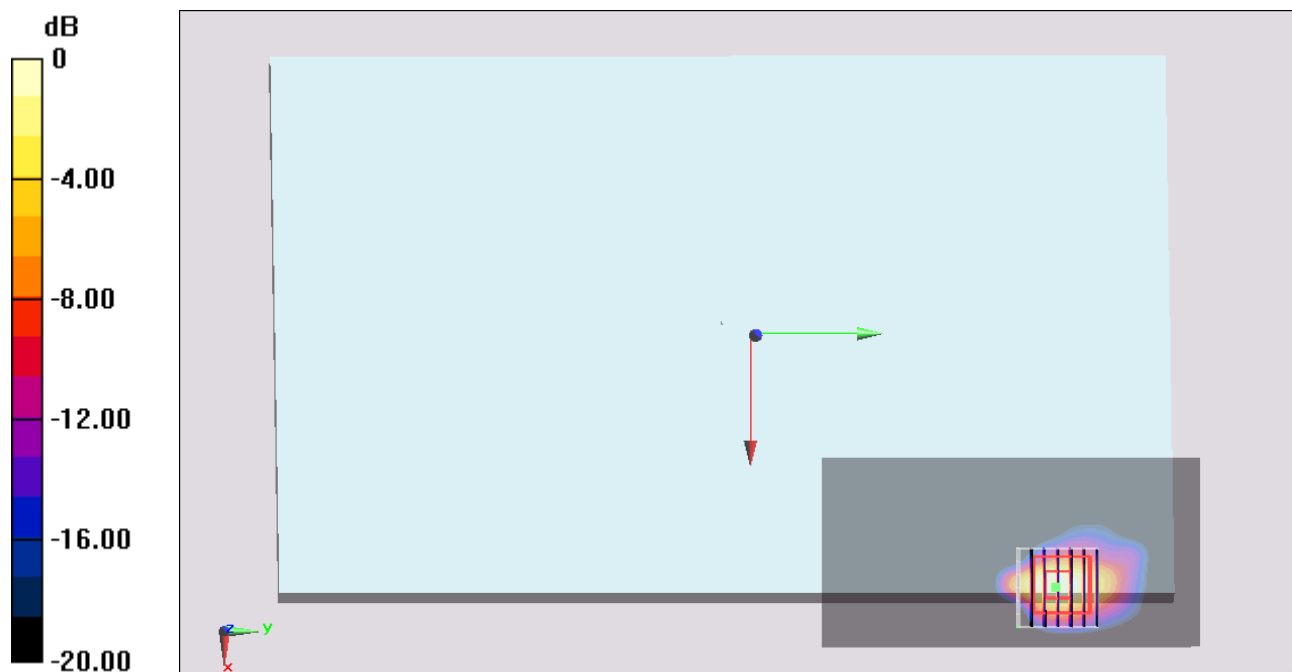
Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.791 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.727 mW/g

SAR(1 g) = 0.295 mW/g; SAR(10 g) = 0.111 mW/g

Maximum value of SAR (measured) = 0.493 mW/g



0 dB = 0.493 mW/g = -6.14 dB mW/g

#102_WLAN2.4G_802.11b 1Mbps_Bottom Face_0cm_Ch1;Ant MIMO

DUT: 13-2-347

Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1.054

Medium: MSL_2450_130602 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.881$ S/m; $\epsilon_r = 53.682$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °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 (61x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.796 W/kg

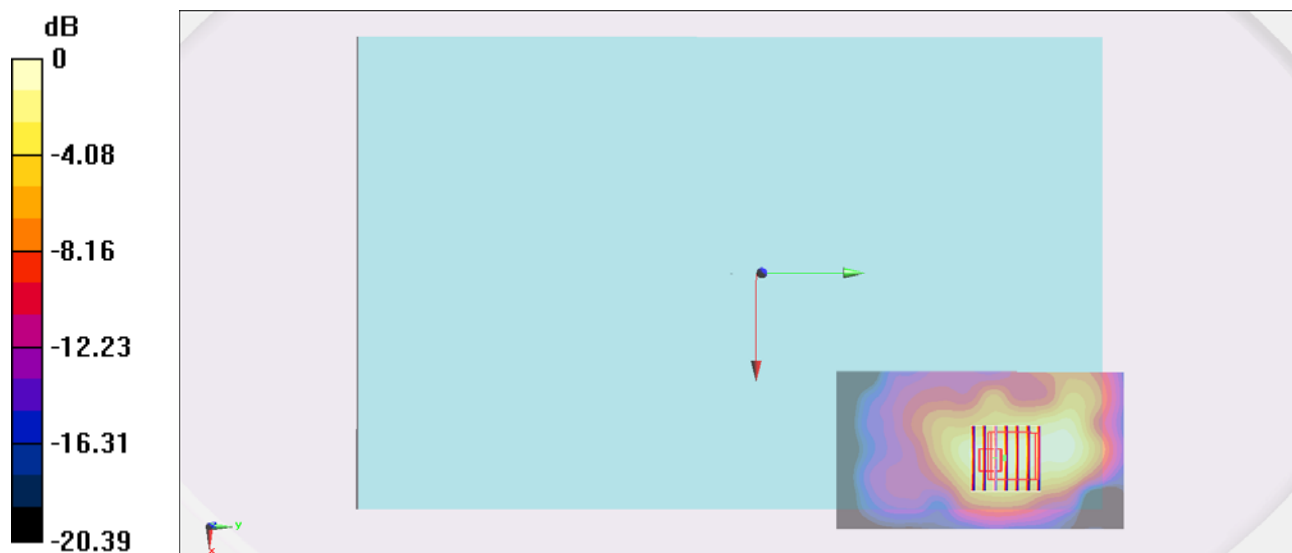
Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.542 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.533 W/kg; SAR(10 g) = 0.291 W/kg

Maximum value of SAR (measured) = 0.796 W/kg



0 dB = 0.796 W/kg = -0.99 dBW/kg

#100_WLAN2.4G_802.11b 1Mbps_Edge1_0cm_Ch1;Ant MIMO

DUT: 13-2-347

Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1.054

Medium: MSL_2450_130602 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.881$ S/m; $\epsilon_r = 53.682$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °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 (41x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.305 W/kg

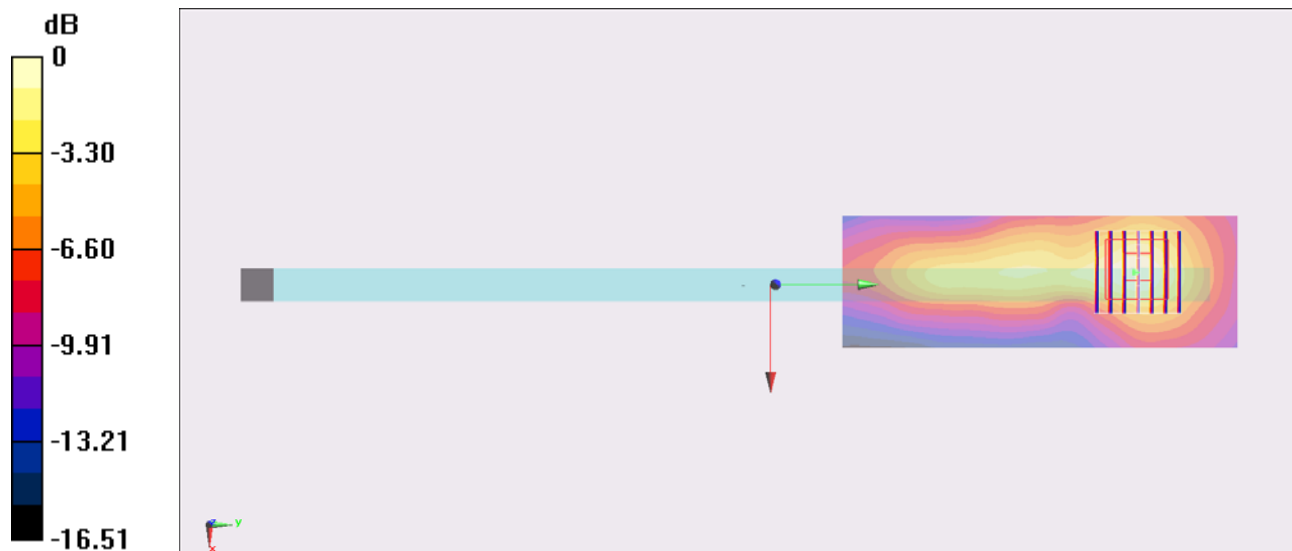
Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.062 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.422 W/kg

SAR(1 g) = 0.207 W/kg; SAR(10 g) = 0.106 W/kg

Maximum value of SAR (measured) = 0.308 W/kg



#101_WLAN2.4G_802.11b 1Mbps_Edge2_0cm_Ch1;Ant MIMO

DUT: 13-2-347

Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1.05439

Medium: MSL_2450_130602 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.881$ S/m; $\epsilon_r = 53.682$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °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 (41x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.262 W/kg

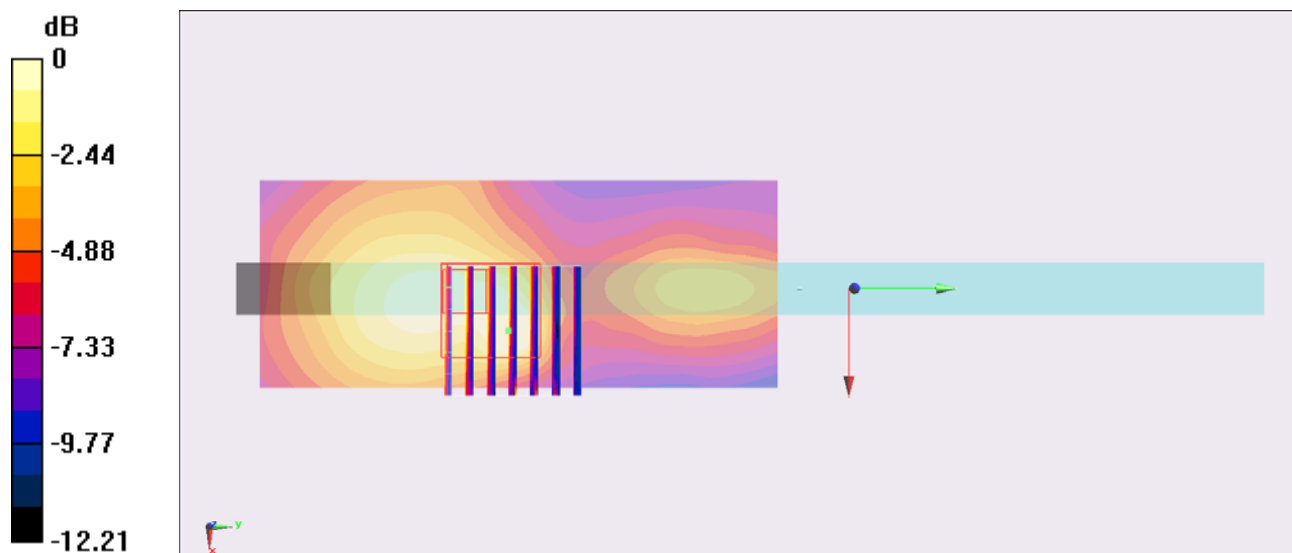
Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.243 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.224 W/kg

SAR(1 g) = 0.121 W/kg; SAR(10 g) = 0.064 W/kg

Maximum value of SAR (measured) = 0.171 W/kg



0 dB = 0.171 W/kg = -7.67 dBW/kg

#99_WLAN2.4G_802.11b 1Mbps_Curved surface of Edge1_0cm_Ch1;Ant MIMO

DUT: 13-2-347

Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1.054

Medium: MSL_2450_130602 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.881$ S/m; $\epsilon_r = 53.682$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °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 (61x121x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
Maximum value of SAR (interpolated) = 0.991 W/kg

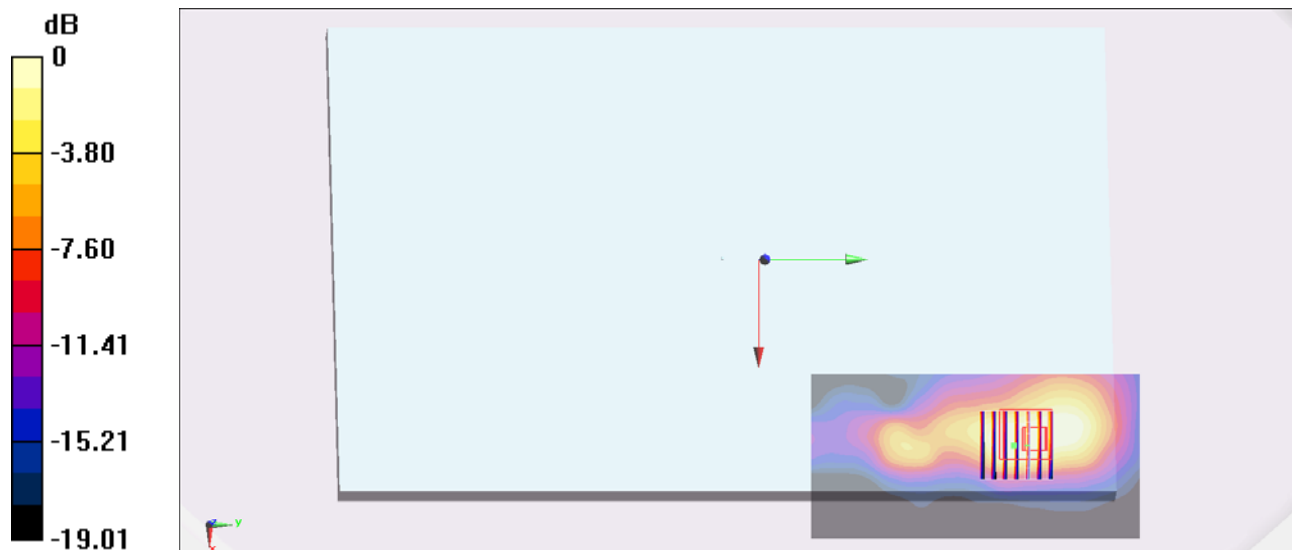
Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 20.378 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.506 W/kg; SAR(10 g) = 0.255 W/kg

Maximum value of SAR (measured) = 0.662 W/kg



0 dB = 0.662 W/kg = -1.79 dBW/kg

#38_WLAN5G_802.11a 6Mbps_Bottom Face_0cm_Ch165;Ant Main

DUT: 13-2-347

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

Medium: MSL_5G_130517 Medium parameters used: $f = 5825$ MHz; $\sigma = 6.239$ mho/m; $\epsilon_r = 46.431$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

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

Configuration/Ch165/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.32 mW/g

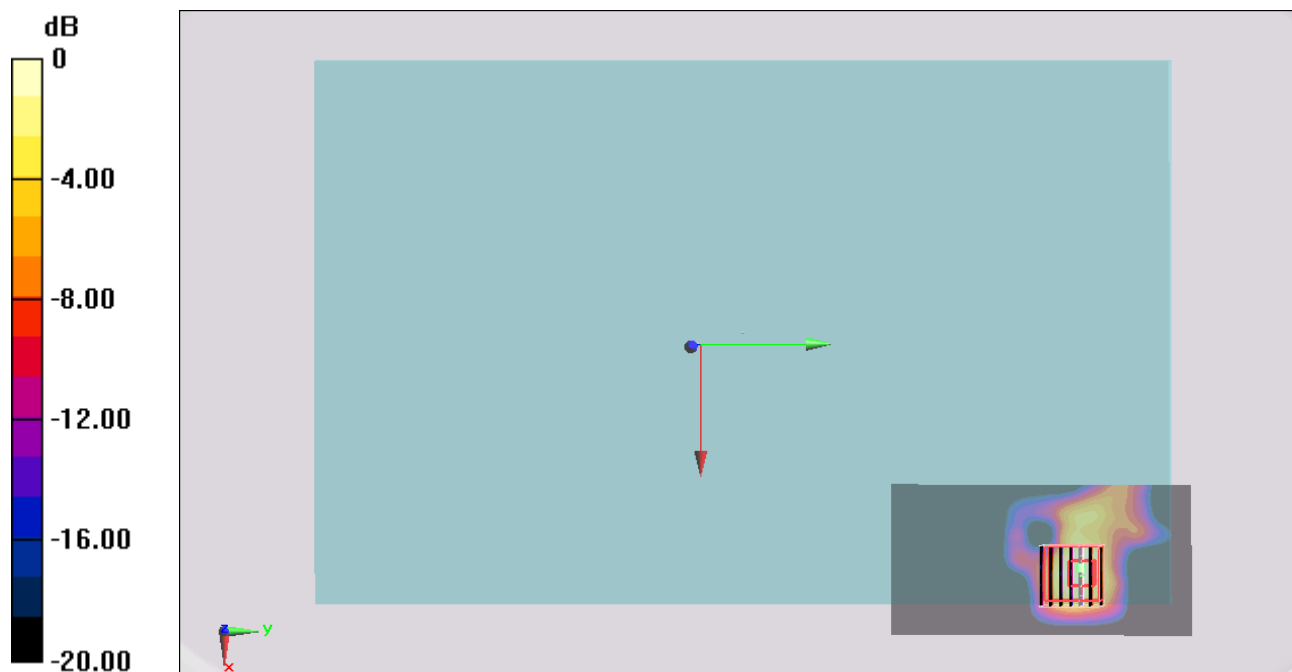
Configuration/Ch165/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 14.818 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 3.385 mW/g

SAR(1 g) = 0.373 mW/g; SAR(10 g) = 0.115 mW/g

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



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

#36_WLAN5G_802.11a 6Mbps_Edge 1_0cm_Ch165;Ant Main

DUT: 13-2-347

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

Medium: MSL_5G_130517 Medium parameters used: $f = 5825$ MHz; $\sigma = 6.239$ mho/m; $\epsilon_r = 46.431$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

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

Configuration/Ch165/Area Scan (51x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0942 mW/g

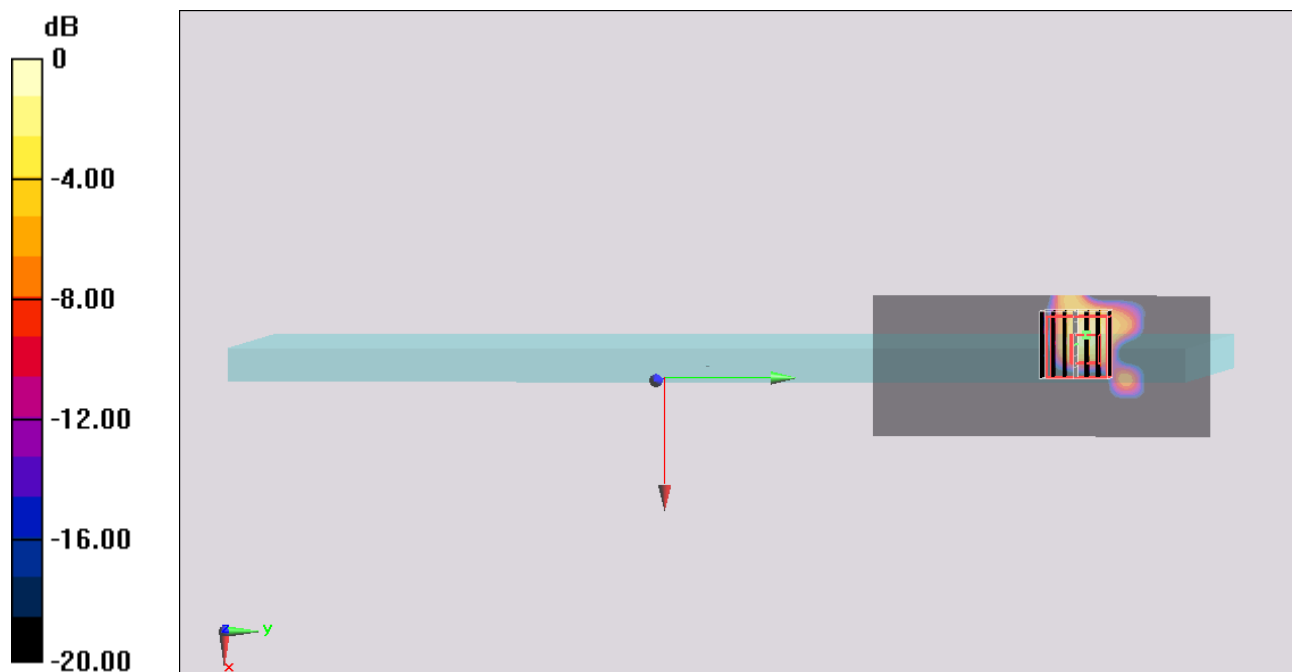
Configuration/Ch165/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm,
dz=1.4mm

Reference Value = 6.813 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.700 mW/g

SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.00321 mW/g

Maximum value of SAR (measured) = 0.139 mW/g



0 dB = 0.139 mW/g = -17.14 dB mW/g

#37_WLAN5G_802.11a 6Mbps_Edge 2_0cm_Ch165;Ant Main

DUT: 13-2-347

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

Medium: MSL_5G_130517 Medium parameters used: $f = 5825$ MHz; $\sigma = 6.239$ mho/m; $\epsilon_r = 46.431$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

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

Configuration/Ch165/Area Scan (61x81x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.204 mW/g

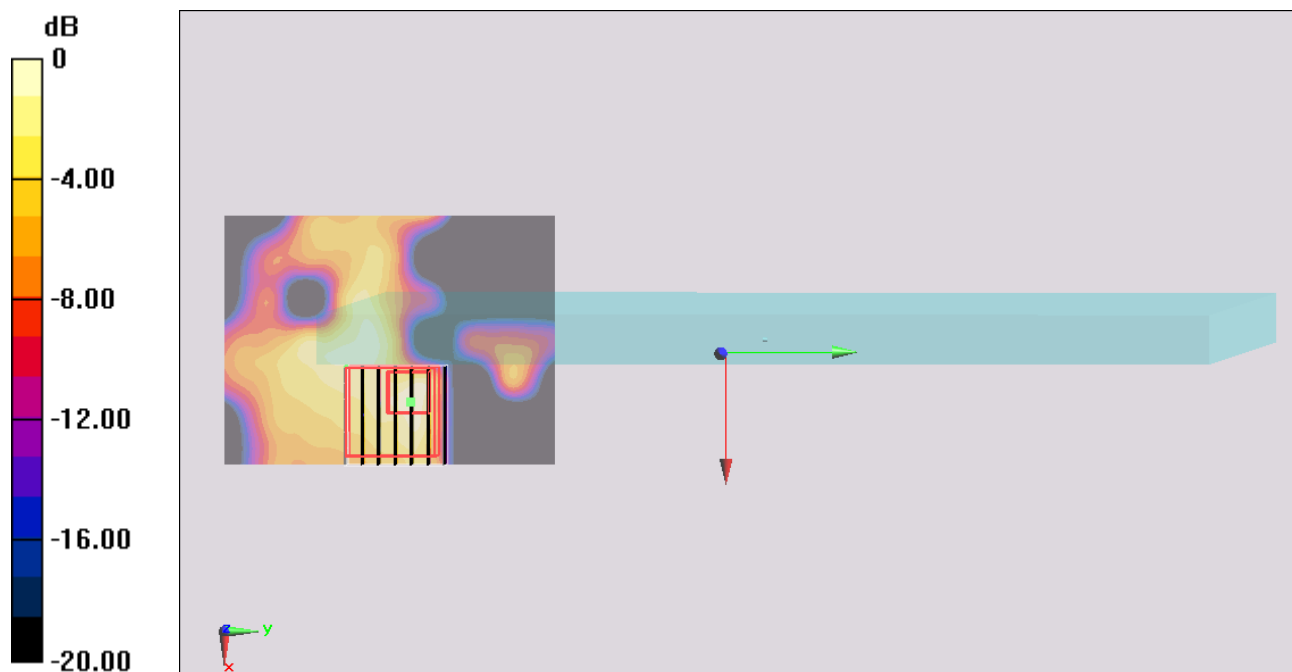
Configuration/Ch165/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm,
dz=1.4mm

Reference Value = 6.974 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.800 mW/g

SAR(1 g) = 0.050 mW/g; SAR(10 g) = 0.019 mW/g

Maximum value of SAR (measured) = 0.195 mW/g



0 dB = 0.195 mW/g = -14.20 dB mW/g

#35_WLAN5G_802.11a 6Mbps_Curved surface of Edge1_0cm_Ch165;Ant Main

DUT: 13-2-347

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

Medium: MSL_5G_130517 Medium parameters used: $f = 5825$ MHz; $\sigma = 6.239$ mho/m; $\epsilon_r = 46.431$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

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

Configuration/Ch165/Area Scan (71x111x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 4.06 mW/g

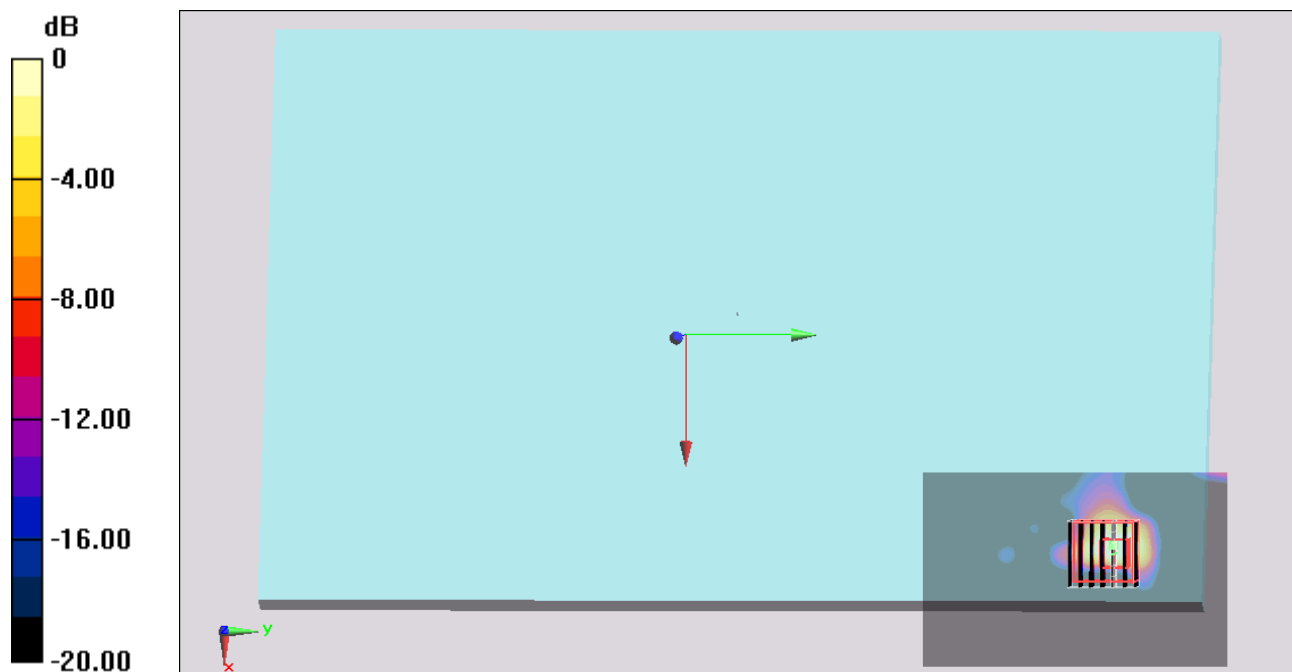
Configuration/Ch165/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 21.916 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 4.036 mW/g

SAR(1 g) = 0.783 mW/g; SAR(10 g) = 0.158 mW/g

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



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

#43_WLAN5G_802.11a 6Mbps_Curved surface of Edge1_0cm_Ch153;Ant Main

DUT: 13-2-347

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

Medium: MSL_5G_130517 Medium parameters used: $f = 5765$ MHz; $\sigma = 6.141$ mho/m; $\epsilon_r = 46.643$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

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

Configuration/Ch153/Area Scan (71x111x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.81 mW/g

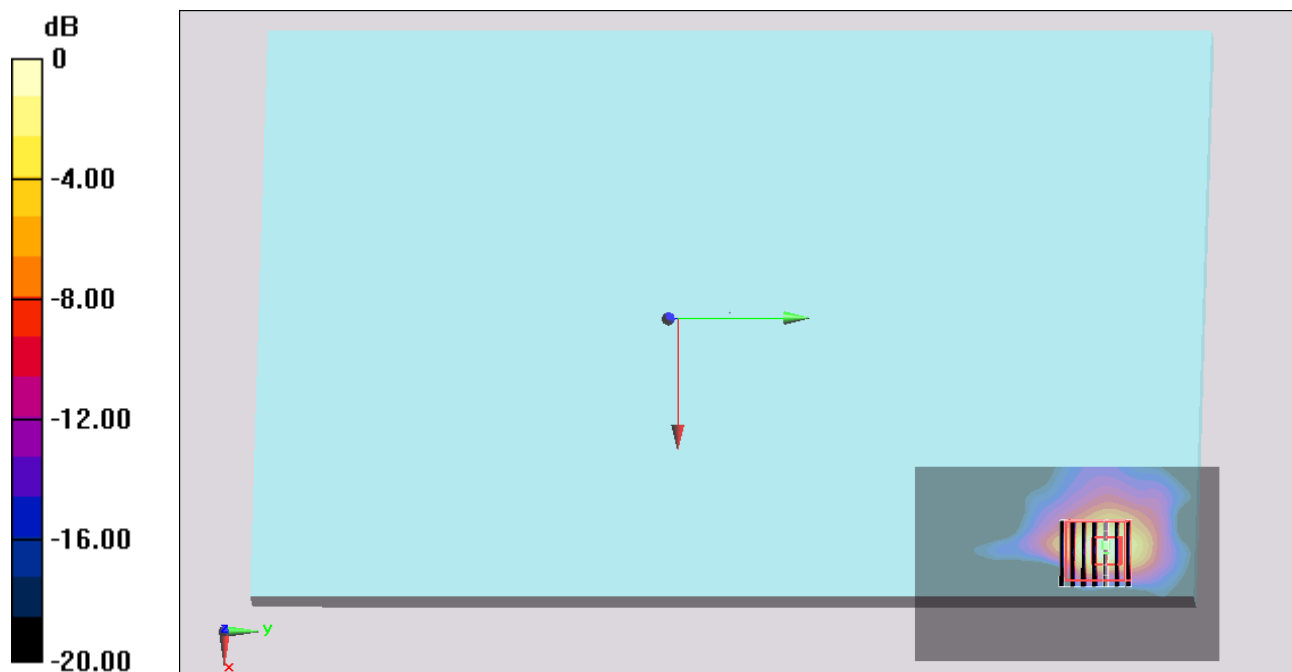
Configuration/Ch153/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 22.375 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 4.020 mW/g

SAR(1 g) = 0.869 mW/g; SAR(10 g) = 0.214 mW/g

Maximum value of SAR (measured) = 2.54 mW/g



0 dB = 2.54 mW/g = 8.10 dB mW/g

#80_WLAN5G_802.11a 6Mbps_Curved surface of Edge1_0cm_Ch157;Ant Main

DUT: 13-2-347

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1.048

Medium: MSL_5G_130517 Medium parameters used : $f = 5785$ MHz; $\sigma = 6.159$ mho/m; $\epsilon_r = 46.556$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

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

Configuration/Ch157/Area Scan (71x111x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.73 mW/g

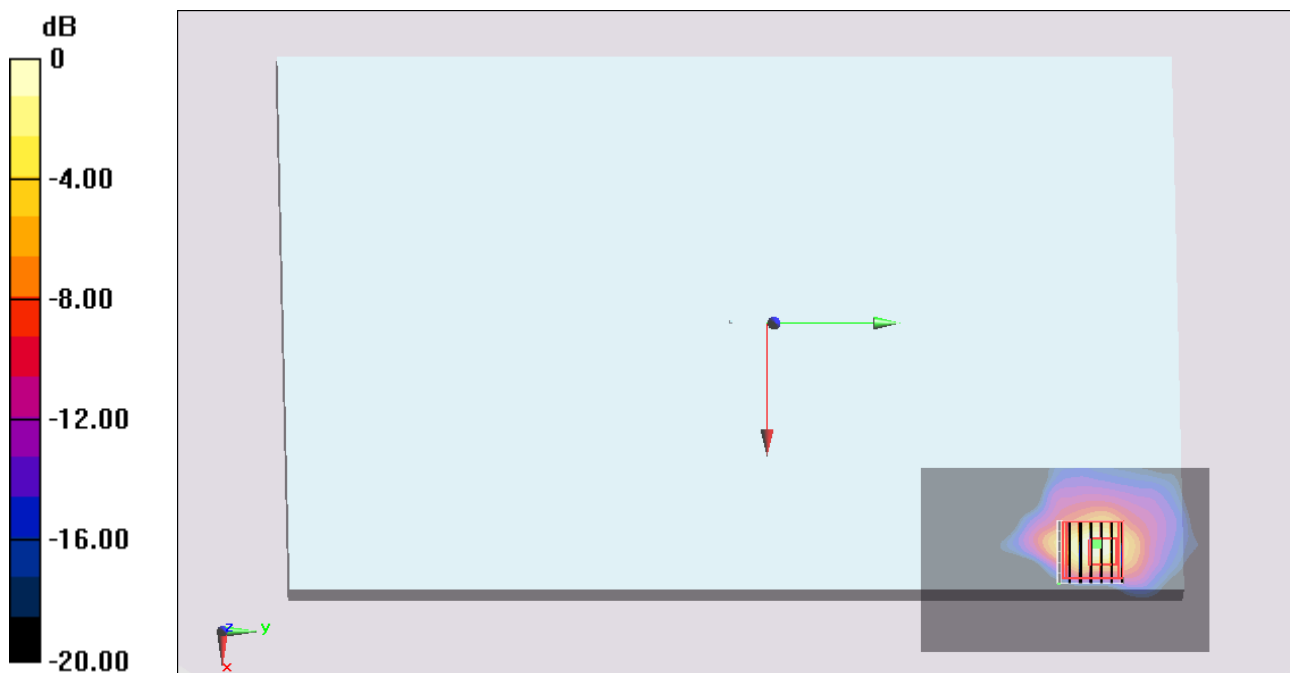
Configuration/Ch157/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 22.135 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 4.388 mW/g

SAR(1 g) = 0.932 mW/g; SAR(10 g) = 0.236 mW/g

Maximum value of SAR (measured) = 2.53 mW/g



0 dB = 2.53 mW/g = 8.06 dB mW/g

#48_WLAN5G_802.11ac-VHT80 MCS0_Curved surface of Edge1_0cm_Ch155;Ant Main

DUT: 13-2-347

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.07
 Medium: MSL_5G_130517 Medium parameters used : $f = 5775$ MHz; $\sigma = 6.15$ mho/m; $\epsilon_r = 46.6$; $\rho = 1000$ kg/m³
 Ambient Temperature : 22.5 °C ; Liquid Temperature : 21.5 °C

DASY5 Configuration:

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

Configuration/Ch155/Area Scan (71x111x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 2.59 mW/g

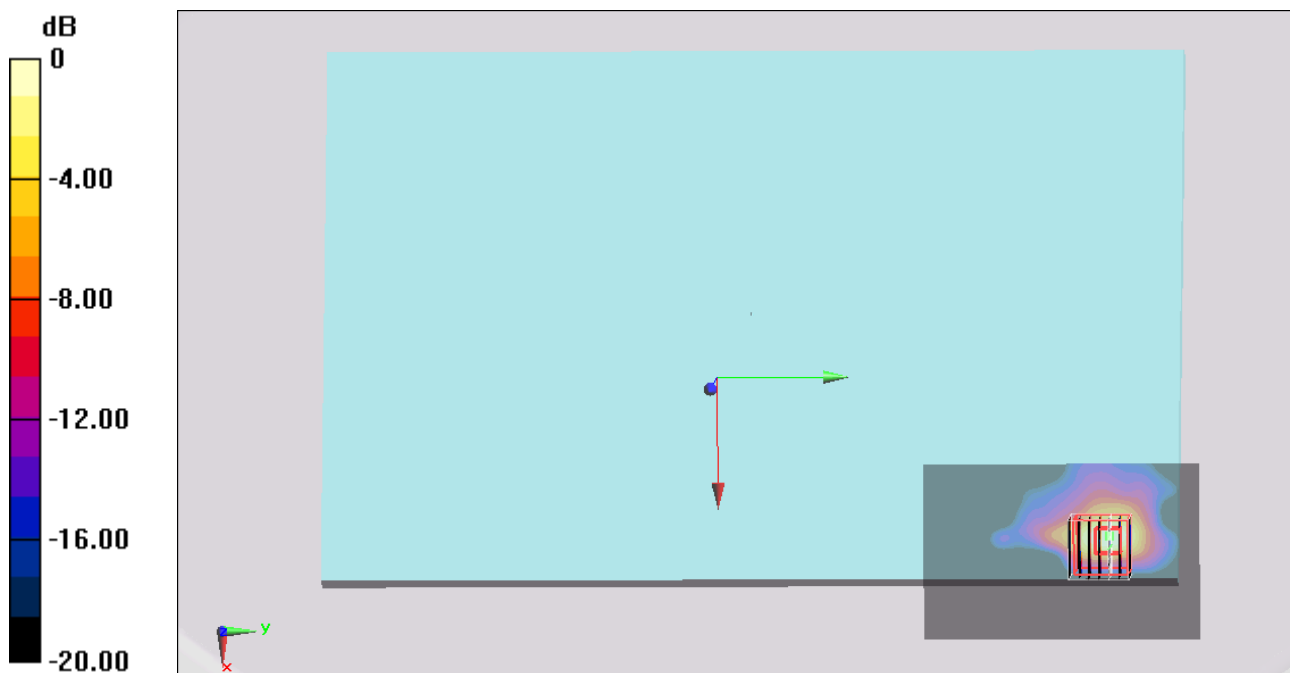
Configuration/Ch155/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 22.819 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 3.870 mW/g

SAR(1 g) = 0.877 mW/g; SAR(10 g) = 0.217 mW/g

Maximum value of SAR (measured) = 2.29 mW/g



0 dB = 2.29 mW/g = 7.20 dB mW/g

#03_WLAN5G_802.11n-HT20 MCS0_Bottom Face_0cm_Ch157;Ant MIMO

DUT: 13-2-351

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

Medium: MSL_5G_130515 Medium parameters used : $f = 5785$ MHz; $\sigma = 5.943$ mho/m; $\epsilon_r = 46.536$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

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

Configuration/Ch157/Area Scan (61x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.41 mW/g

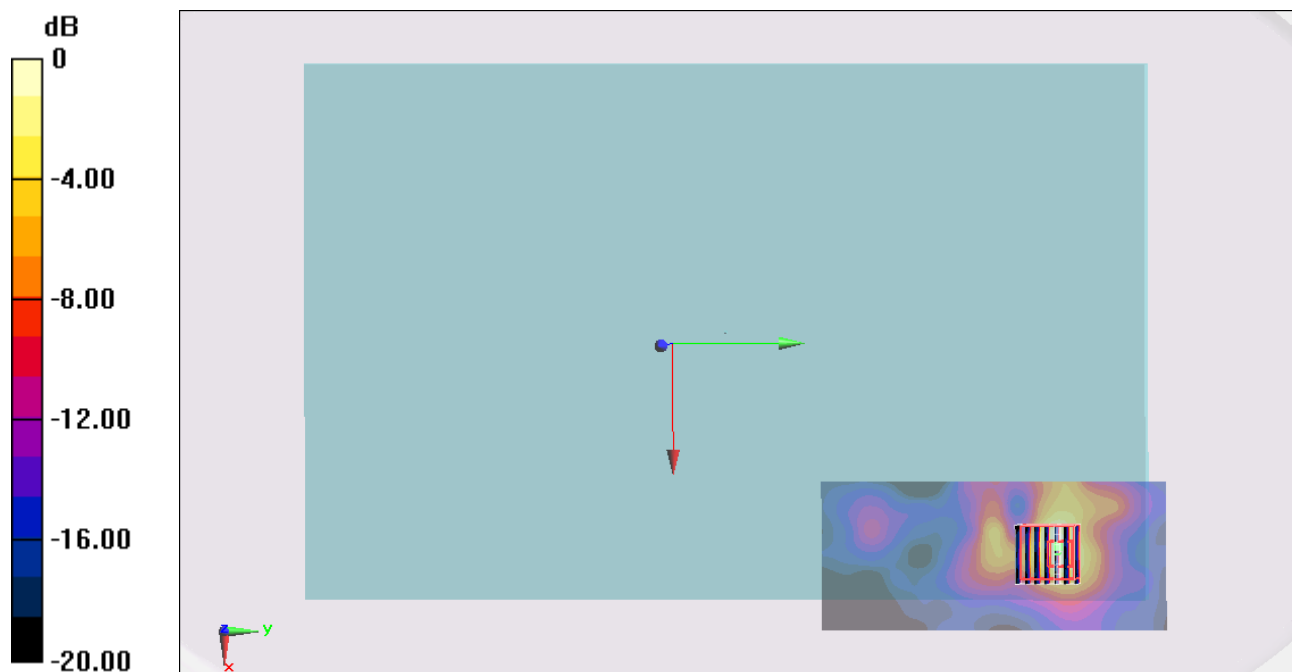
Configuration/Ch157/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 16.038 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 2.450 mW/g

SAR(1 g) = 0.548 mW/g; SAR(10 g) = 0.197 mW/g

Maximum value of SAR (measured) = 1.36 mW/g



0 dB = 1.36 mW/g = 2.67 dB mW/g

#02_WLAN5G_802.11n-HT20 MCS0_Edge 1_0cm_Ch157;Ant MIMO

DUT: 13-2-351

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

Medium: MSL_5G_130515 Medium parameters used : $f = 5785$ MHz; $\sigma = 5.943$ mho/m; $\epsilon_r = 46.536$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

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

Configuration/Ch157/Area Scan (51x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.15 mW/g

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

Reference Value = 2.699 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 2.224 mW/g

SAR(1 g) = 0.517 mW/g; SAR(10 g) = 0.181 mW/g

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

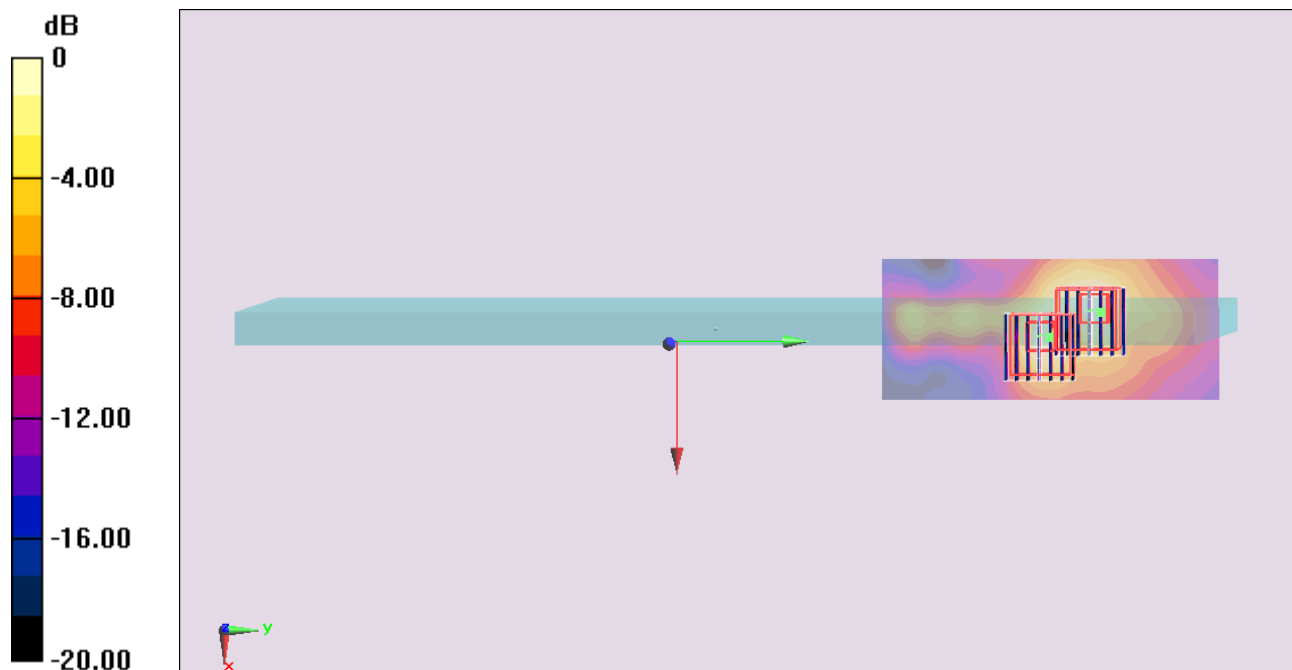
Configuration/Ch157/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.699 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 2.669 mW/g

SAR(1 g) = 0.474 mW/g; SAR(10 g) = 0.139 mW/g

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



0 dB = 1.16 mW/g = 1.29 dB mW/g

#12_WLAN5G_802.11n-HT20 MCS0_Edge 2_0cm_Ch157;Ant MIMO

DUT: 13-2-347

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

Medium: MSL_5G_130515 Medium parameters used : $f = 5785$ MHz; $\sigma = 5.943$ mho/m; $\epsilon_r = 46.536$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

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

Configuration/Ch157/Area Scan (51x131x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.282 mW/g

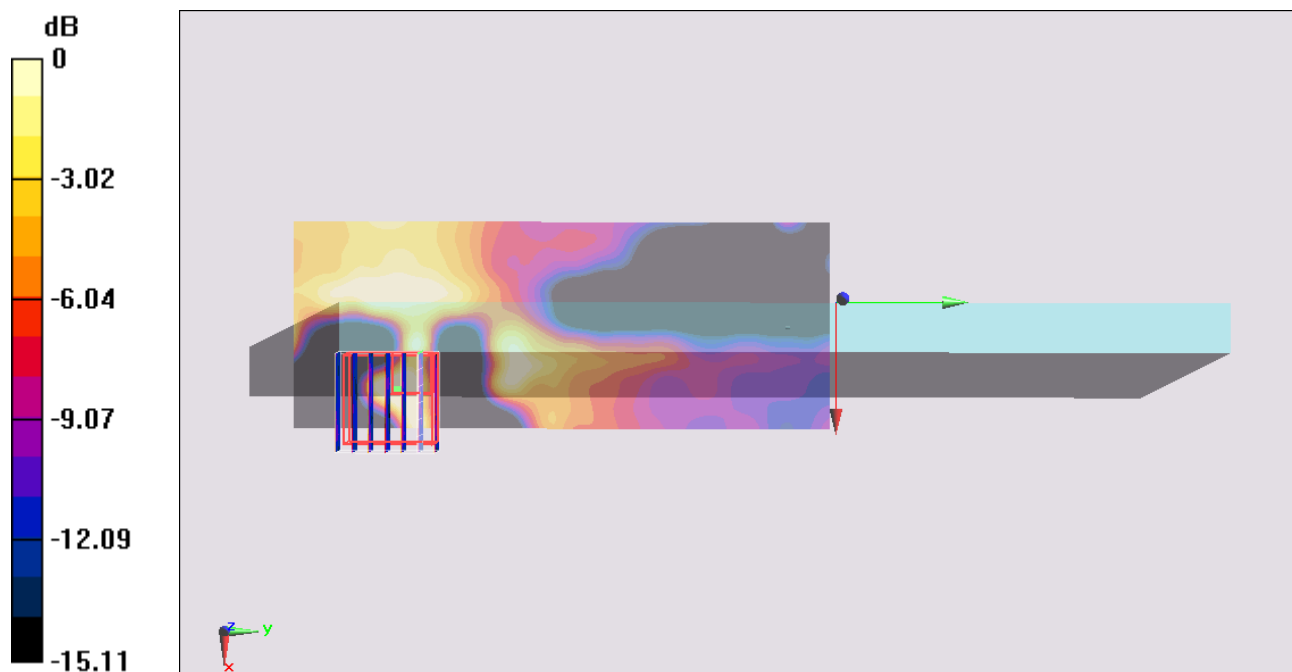
Configuration/Ch157/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm,
dz=1.4mm

Reference Value = 5.724 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.450 mW/g

SAR(1 g) = 0.073 mW/g; SAR(10 g) = 0.034 mW/g

Maximum value of SAR (measured) = 0.175 mW/g



0 dB = 0.175 mW/g = -15.14 dB mW/g

#01_WLAN5G_802.11n-HT20 MCS0_Curved surface of Edge1_0cm_Ch157;Ant MIMO

DUT: 13-2-351

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

Medium: MSL_5G_130515 Medium parameters used : $f = 5785$ MHz; $\sigma = 5.943$ mho/m; $\epsilon_r = 46.536$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

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

Configuration/Ch157/Area Scan (71x111x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 3.17 mW/g

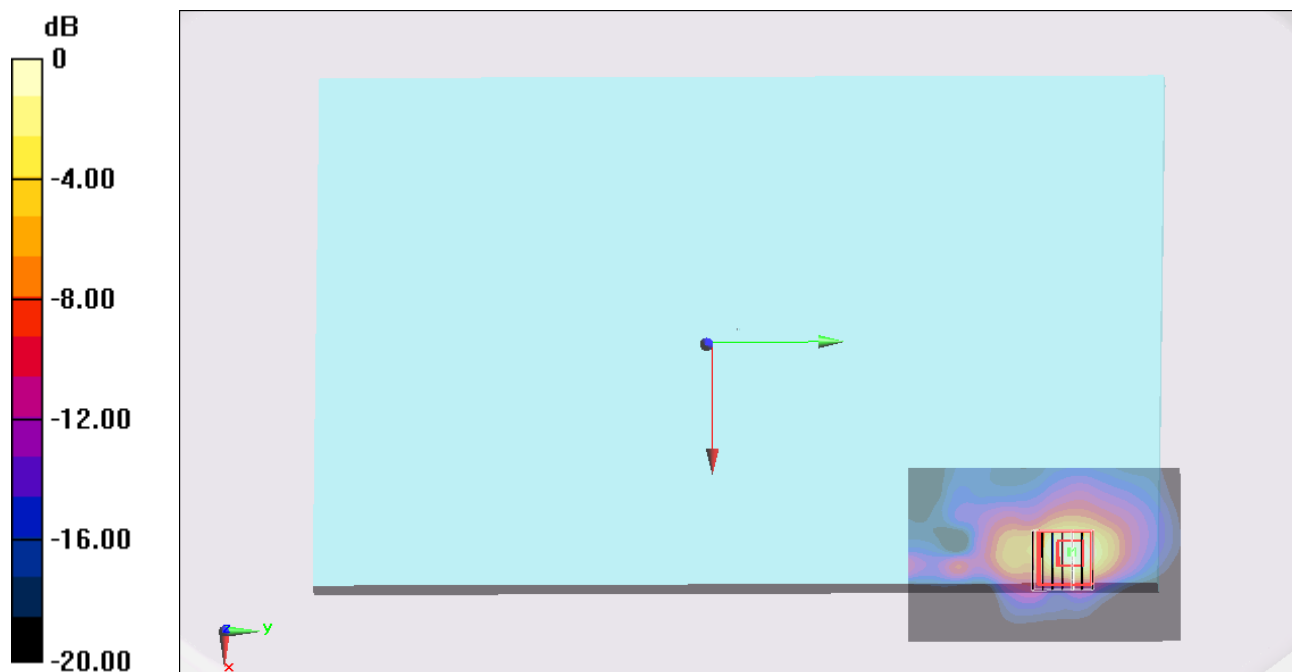
Configuration/Ch157/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 25.404 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 4.758 mW/g

SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.332 mW/g

Maximum value of SAR (measured) = 2.75 mW/g



0 dB = 2.75 mW/g = 8.79 dB mW/g

#17_WLAN5G_802.11n-HT20 MCS0_Curved surface of Edge1_0cm_Ch149;Ant MIMO

DUT: 13-2-347

Communication System: 802.11n; Frequency: 5745 MHz; Duty Cycle: 1:1
Medium: MSL_5G_130515 Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 5.901 \text{ mho/m}$; $\epsilon_r = 46.679$; $\rho = 1000 \text{ kg/m}^3$
Ambient Temperature : $22.6 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

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 (71x111x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
Maximum value of SAR (interpolated) = 2.88 mW/g

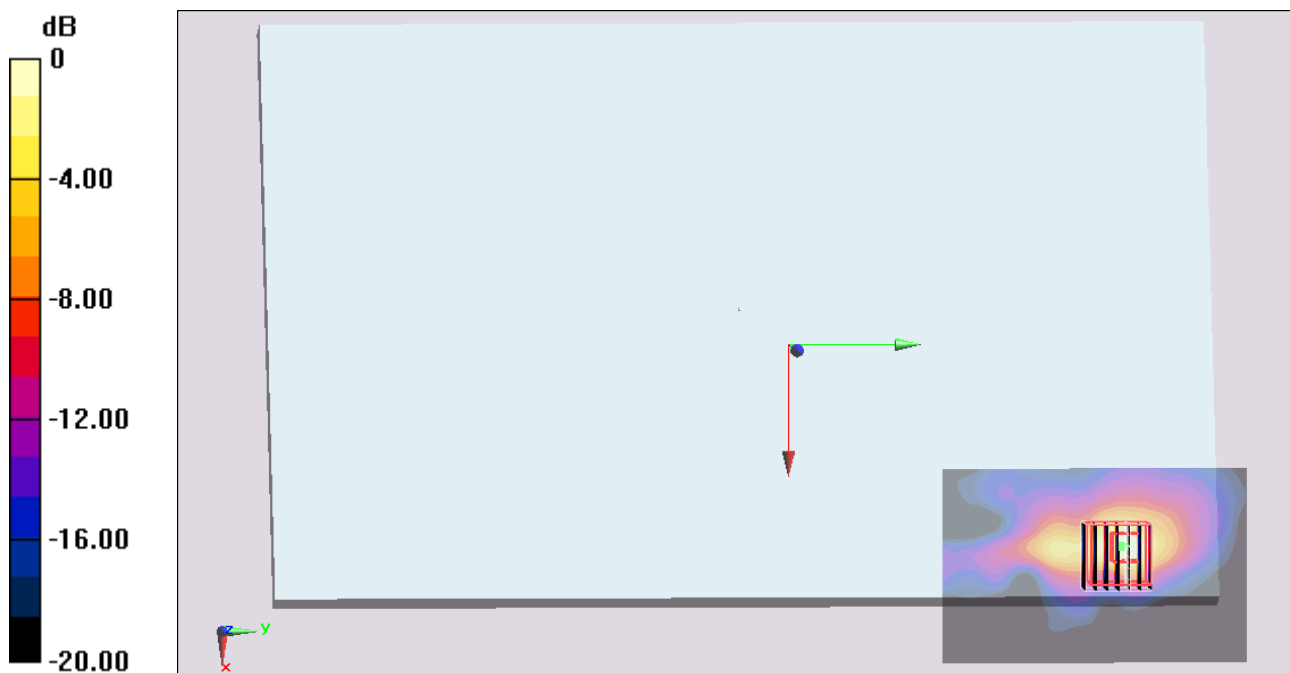
Configuration/Ch149/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 24.391 V/m ; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 4.620 mW/g

SAR(1 g) = 1.07 mW/g ; SAR(10 g) = 0.307 mW/g

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



$0 \text{ dB} = 2.62 \text{ mW/g} = 8.37 \text{ dB mW/g}$

#18_WLAN5G_802.11n-HT20 MCS0_Curved surface of Edge1_0cm_Ch161;Ant MIMO

DUT: 13-2-347

Communication System: 802.11n; Frequency: 5805 MHz; Duty Cycle: 1:1

Medium: MSL_5G_130515 Medium parameters used: $f = 5805$ MHz; $\sigma = 5.968$ mho/m; $\epsilon_r = 46.462$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °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/Ch161/Area Scan (71x111x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 3.33 mW/g

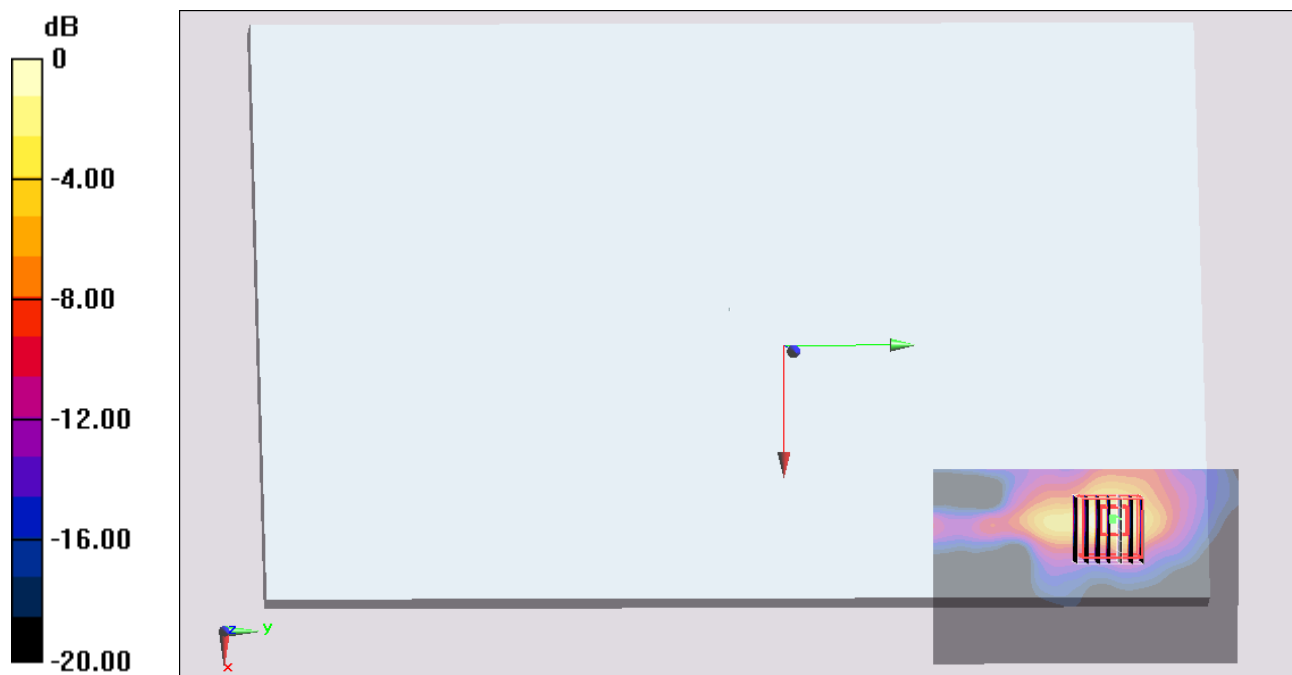
Configuration/Ch161/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 26.085 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 5.438 mW/g

SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.368 mW/g

Maximum value of SAR (measured) = 3.00 mW/g



0 dB = 3.00 mW/g = 9.54 dB mW/g

#49_WLAN5G_802.11ac-VHT80 MCS0_Curved surface of Edge1_0cm_Ch155;Ant MIMO

DUT: 13-2-347

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.118

Medium: MSL_5G_130517 Medium parameters used : $f = 5775$ MHz; $\sigma = 6.15$ mho/m; $\epsilon_r = 46.6$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

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

Configuration/Ch155/Area Scan (71x111x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.72 mW/g

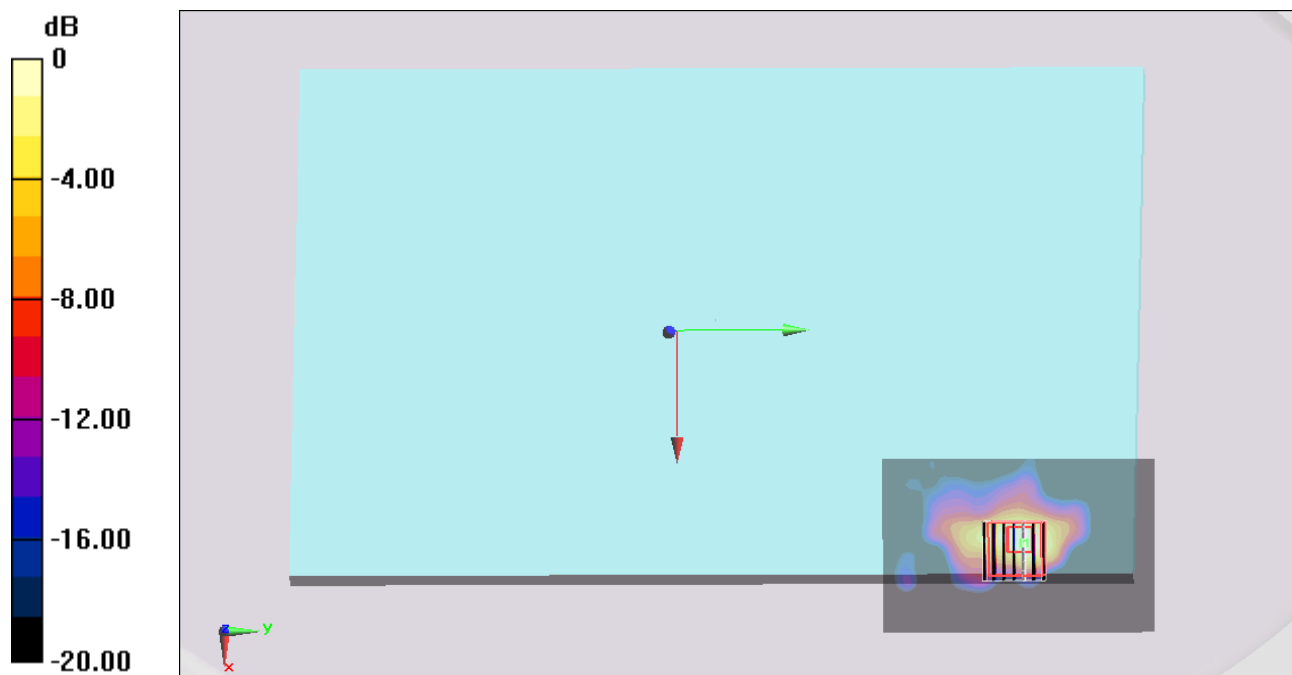
Configuration/Ch155/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 23.219 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 4.109 mW/g

SAR(1 g) = 0.992 mW/g; SAR(10 g) = 0.273 mW/g

Maximum value of SAR (measured) = 2.55 mW/g



0 dB = 2.55 mW/g = 8.13 dB mW/g

#58_WLAN5G_802.11a 6Mbps_Bottom Face_0cm_Ch36;Ant Main

DUT: 13-2-347

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1.048

Medium: MSL_5G_130517 Medium parameters used : $f = 5180$ MHz; $\sigma = 5.245$ mho/m; $\epsilon_r = 47.555$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch36/Area Scan (71x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.516 mW/g

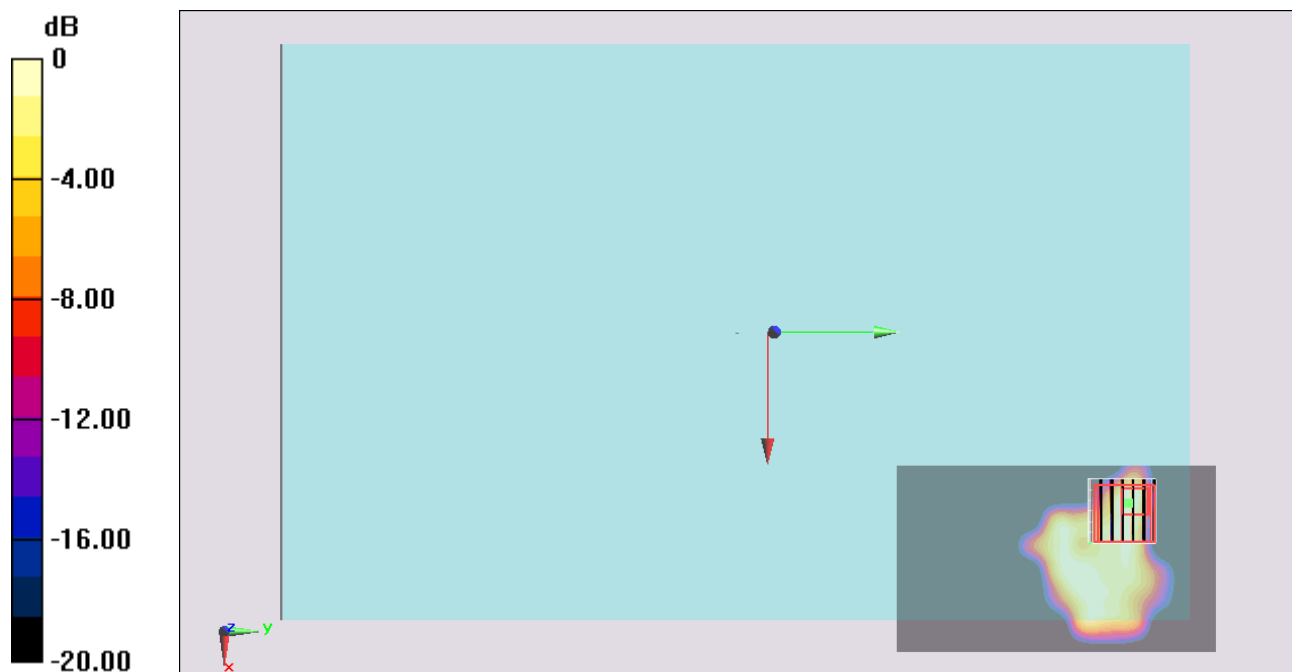
Configuration/Ch36/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.114 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.634 mW/g

SAR(1 g) = 0.101 mW/g; SAR(10 g) = 0.028 mW/g

Maximum value of SAR (measured) = 0.315 mW/g



0 dB = 0.315 mW/g = -10.03 dB mW/g

#56_WLAN5G_802.11a 6Mbps_Edge 1_0cm_Ch36;Ant Main

DUT: 13-2-347

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1.048

Medium: MSL_5G_130517 Medium parameters used : $f = 5180$ MHz; $\sigma = 5.245$ mho/m; $\epsilon_r = 47.555$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch36/Area Scan (51x121x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.668 mW/g

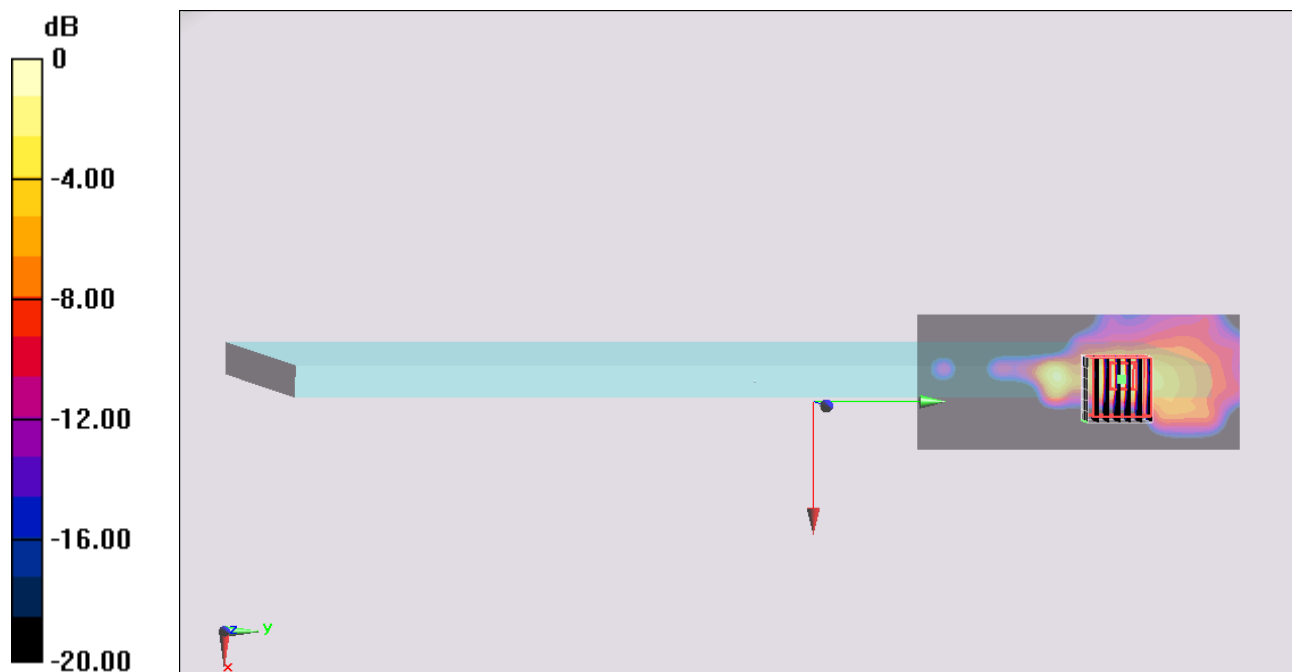
Configuration/Ch36/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 13.072 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.201 mW/g

SAR(1 g) = 0.287 mW/g; SAR(10 g) = 0.063 mW/g

Maximum value of SAR (measured) = 0.775 mW/g



0 dB = 0.775 mW/g = -2.21 dB mW/g

#57_WLAN5G_802.11a 6Mbps_Edge 2_0cm_Ch36;Ant Main

DUT: 13-2-347

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1.048

Medium: MSL_5G_130517 Medium parameters used : $f = 5180$ MHz; $\sigma = 5.245$ mho/m; $\epsilon_r = 47.555$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch36/Area Scan (51x91x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.282 mW/g

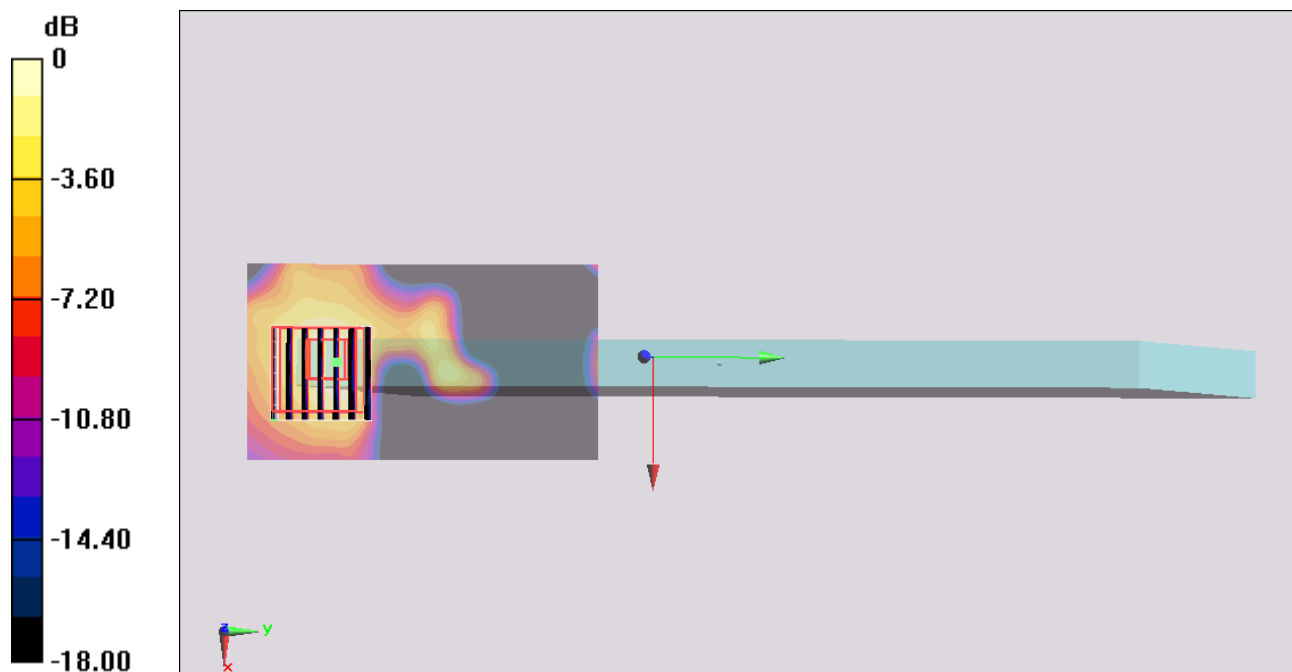
Configuration/Ch36/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.904 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.290 mW/g

SAR(1 g) = 0.096 mW/g; SAR(10 g) = 0.032 mW/g

Maximum value of SAR (measured) = 0.280 mW/g



0 dB = 0.280 mW/g = -11.06 dB mW/g

#55_WLAN5G_802.11a 6Mbps_Curved surface of Edge1_0cm_Ch36;Ant Main

DUT: 13-2-347

Communication System: 802.11a; Frequency: 5180 MHz; Duty Cycle: 1:1.048

Medium: MSL_5G_130517 Medium parameters used : $f = 5180$ MHz; $\sigma = 5.245$ mho/m; $\epsilon_r = 47.555$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch36/Area Scan (71x111x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.24 mW/g

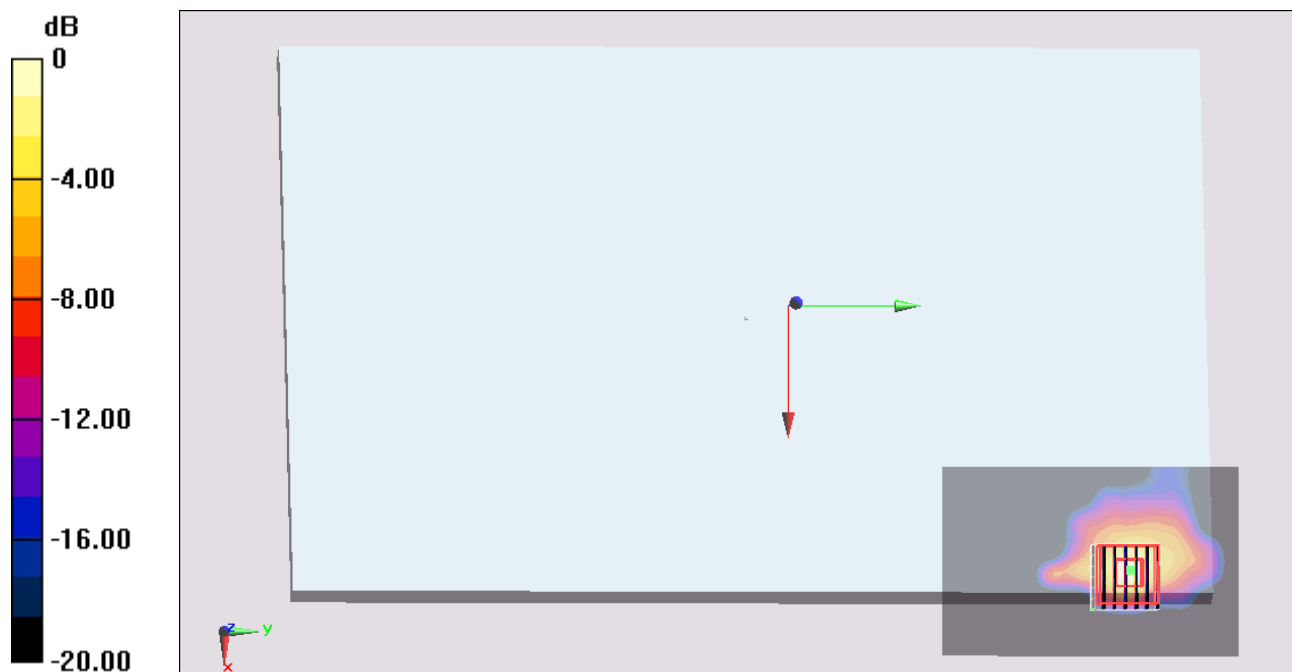
Configuration/Ch36/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 15.866 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.138 mW/g

SAR(1 g) = 0.406 mW/g; SAR(10 g) = 0.100 mW/g

Maximum value of SAR (measured) = 1.13 mW/g



0 dB = 1.13 mW/g = 1.06 dB mW/g

#59_WLAN5G_802.11ac-VHT80 MCS0_Curved surface of Edge1_0cm_Ch42;Ant Main

DUT: 13-2-347

Communication System: 802.11a; Frequency: 5210 MHz; Duty Cycle: 1:1.07

Medium: MSL_5G_130517 Medium parameters used : $f = 5210$ MHz; $\sigma = 5.289$ mho/m; $\epsilon_r = 47.522$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2013/1/28
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch42/Area Scan (71x111x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.34 mW/g

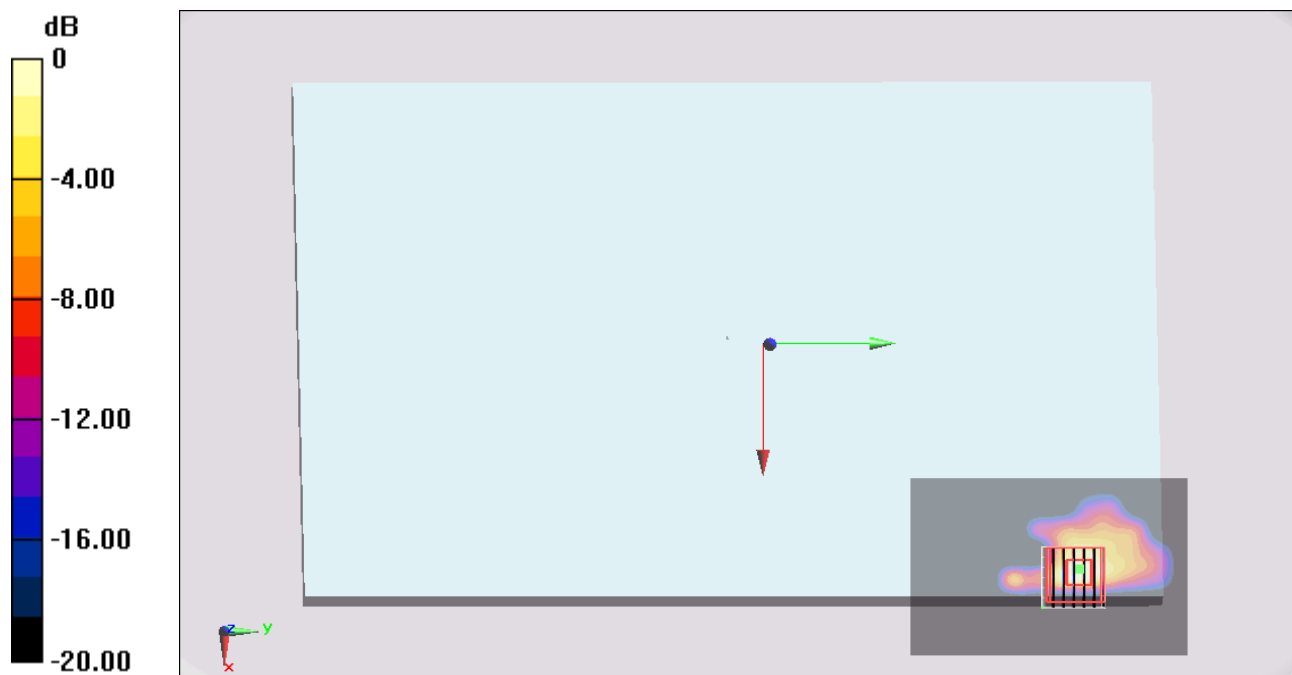
Configuration/Ch42/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 13.618 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.302 mW/g

SAR(1 g) = 0.288 mW/g; SAR(10 g) = 0.064 mW/g

Maximum value of SAR (measured) = 0.814 mW/g



0 dB = 0.814 mW/g = -1.79 dB mW/g

#90_WLAN5G_802.11a 6Mbps_Bottom Face_0cm_Ch64;Ant Main

DUT: 13-2-347

Communication System: 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1.048

Medium: MSL_5G_130519 Medium parameters used : $f = 5320$ MHz; $\sigma = 5.391$ mho/m; $\epsilon_r = 47.233$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch64/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.326 mW/g

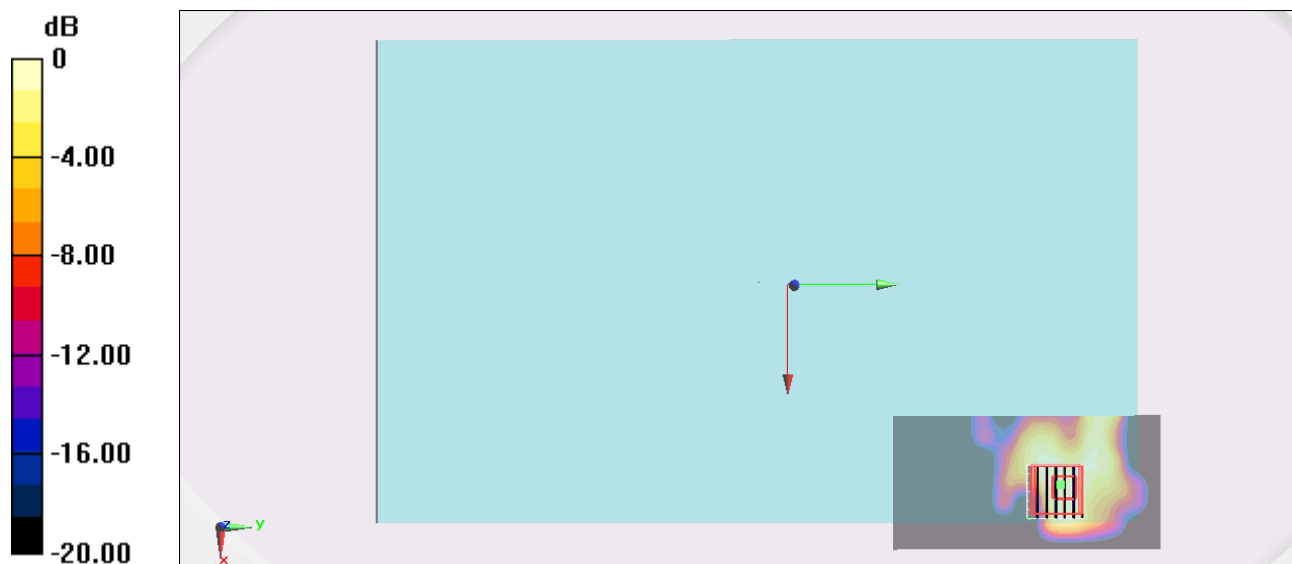
Configuration/Ch64/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.181 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.441 mW/g

SAR(1 g) = 0.110 mW/g; SAR(10 g) = 0.036 mW/g

Maximum value of SAR (measured) = 0.273 mW/g



0 dB = 0.273 mW/g = -11.28 dB mW/g

#88_WLAN5G_802.11a 6Mbps_Edge 1_0cm_Ch64;Ant Main

DUT: 13-2-347

Communication System: 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1.048

Medium: MSL_5G_130519 Medium parameters used : $f = 5320$ MHz; $\sigma = 5.391$ mho/m; $\epsilon_r = 47.233$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch64/Area Scan (51x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.442 mW/g

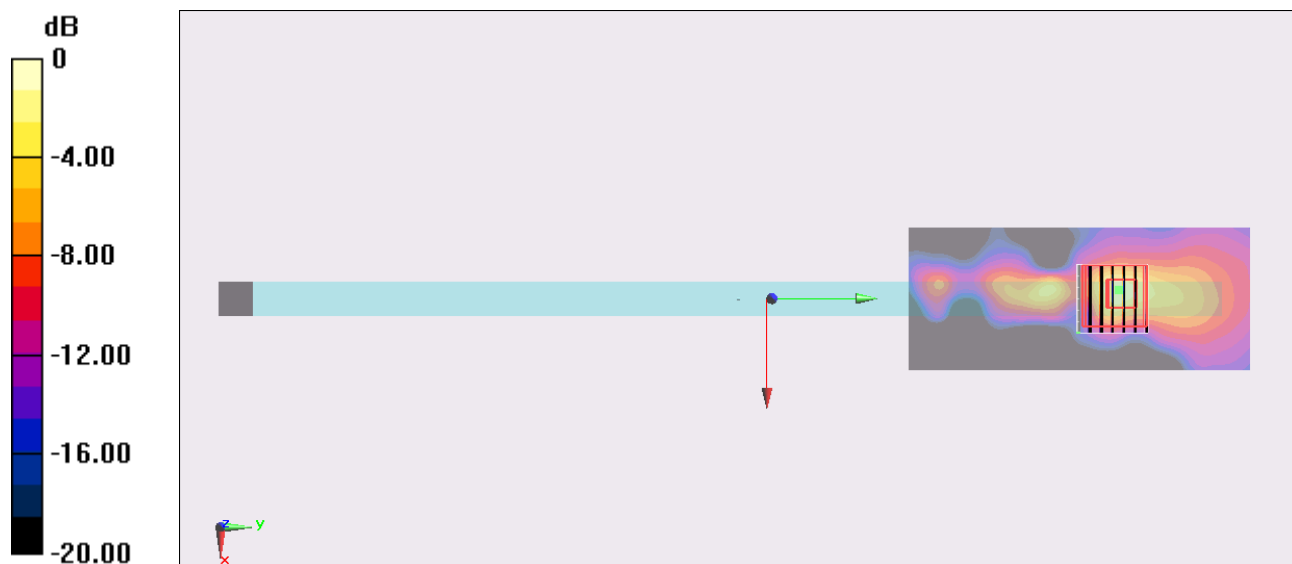
Configuration/Ch64/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 12.512 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.098 mW/g

SAR(1 g) = 0.222 mW/g; SAR(10 g) = 0.048 mW/g

Maximum value of SAR (measured) = 0.594 mW/g



0 dB = 0.594 mW/g = -4.52 dB mW/g

#89_WLAN5G_802.11a 6Mbps_Edge 2_0cm_Ch64;Ant Main

DUT: 13-2-347

Communication System: 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1.048

Medium: MSL_5G_130519 Medium parameters used : $f = 5320$ MHz; $\sigma = 5.391$ mho/m; $\epsilon_r = 47.233$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch64/Area Scan (51x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.146 mW/g

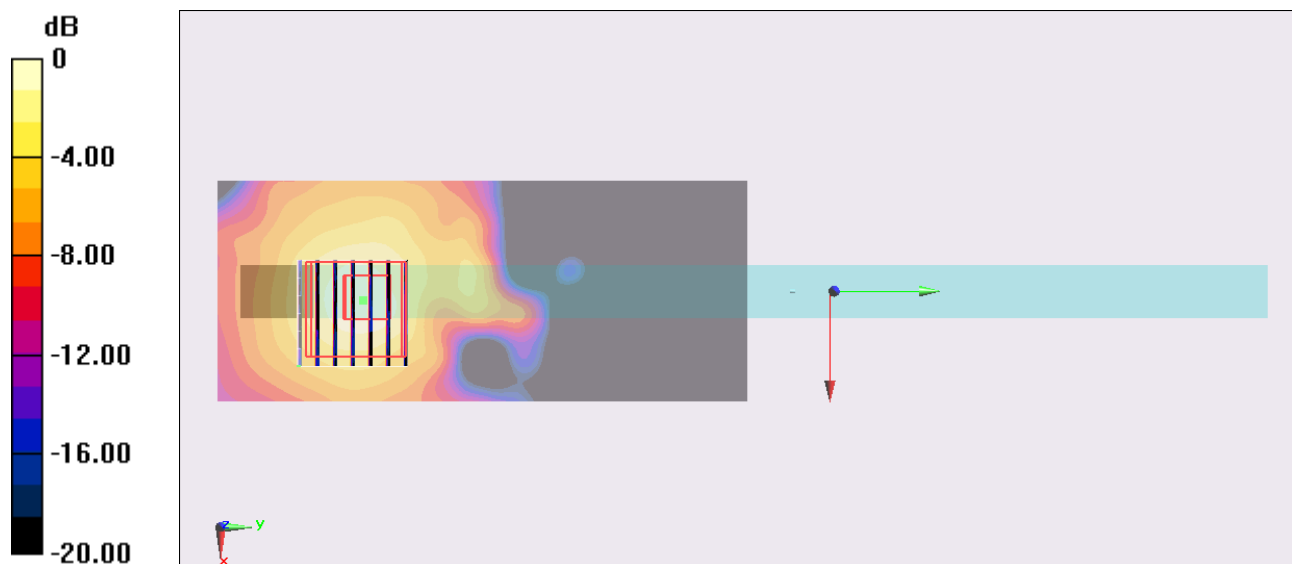
Configuration/Ch64/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.959 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.253 mW/g

SAR(1 g) = 0.061 mW/g; SAR(10 g) = 0.022 mW/g

Maximum value of SAR (measured) = 0.154 mW/g



0 dB = 0.154 mW/g = -16.25 dB mW/g

#87_WLAN5G_802.11a 6Mbps_Curved surface of Edge1_0cm_Ch64;Ant Main

DUT: 13-2-347

Communication System: 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1.048

Medium: MSL_5G_130519 Medium parameters used : $f = 5320$ MHz; $\sigma = 5.391$ mho/m; $\epsilon_r = 47.233$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(4.01, 4.01, 4.01); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch64/Area Scan (71x111x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 1.07 mW/g

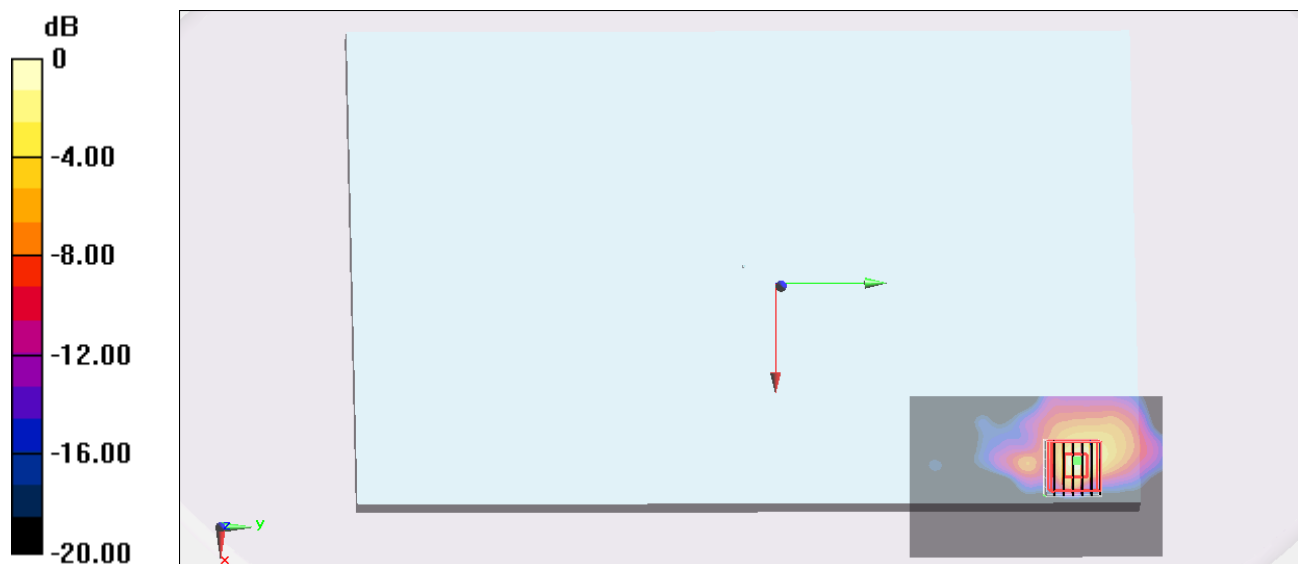
Configuration/Ch64/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 14.496 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.869 mW/g

SAR(1 g) = 0.392 mW/g; SAR(10 g) = 0.101 mW/g

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



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

#68_WLAN5G_802.11a 6Mbps_Bottom Face_0cm_Ch116;Ant Main

DUT: 13-2-347

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1.048

Medium: MSL_5G_130518 Medium parameters used: $f = 5580$ MHz; $\sigma = 5.775$ mho/m; $\epsilon_r = 46.855$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

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

Configuration/Ch116/Area Scan (61x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.495 mW/g

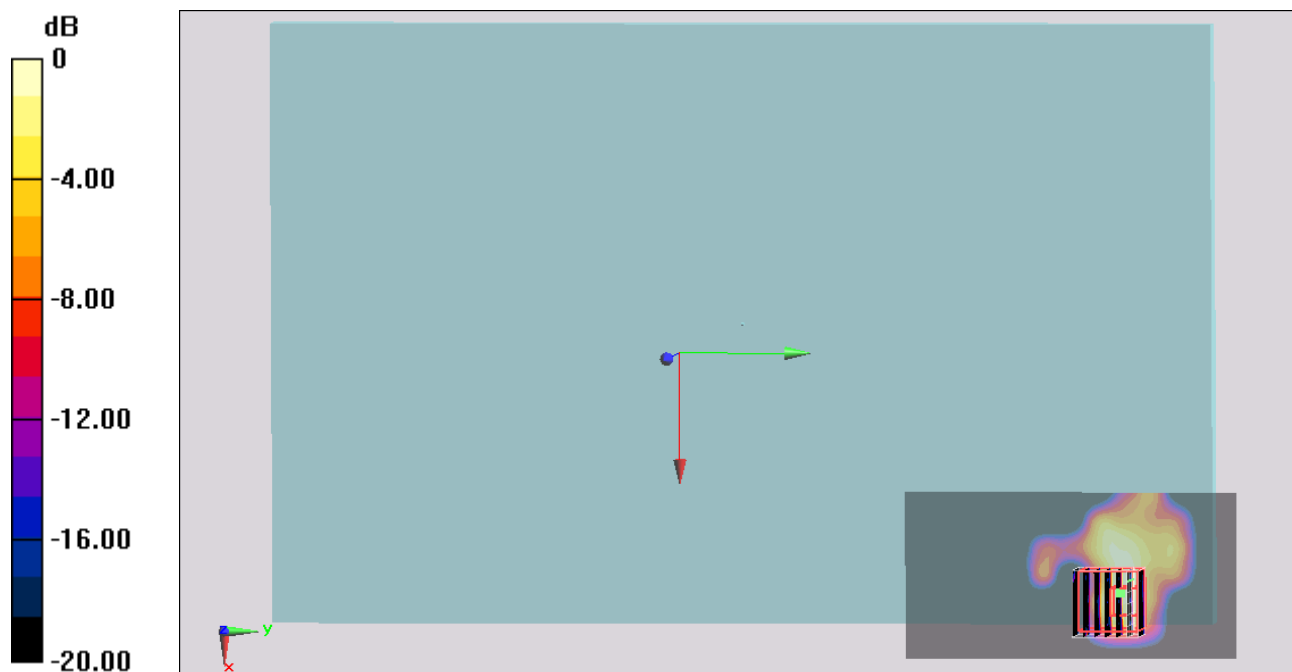
Configuration/Ch116/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm,
dz=1.4mm

Reference Value = 9.602 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.833 mW/g

SAR(1 g) = 0.118 mW/g; SAR(10 g) = 0.032 mW/g

Maximum value of SAR (measured) = 0.486 mW/g



0 dB = 0.486 mW/g = -6.27 dB mW/g

#66_WLAN5G_802.11a 6Mbps_Edge 1_0cm_Ch116;Ant Main

DUT: 13-2-347

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1.048

Medium: MSL_5G_130518 Medium parameters used: $f = 5580$ MHz; $\sigma = 5.775$ mho/m; $\epsilon_r = 46.855$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

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

Configuration/Ch116/Area Scan (51x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.399 mW/g

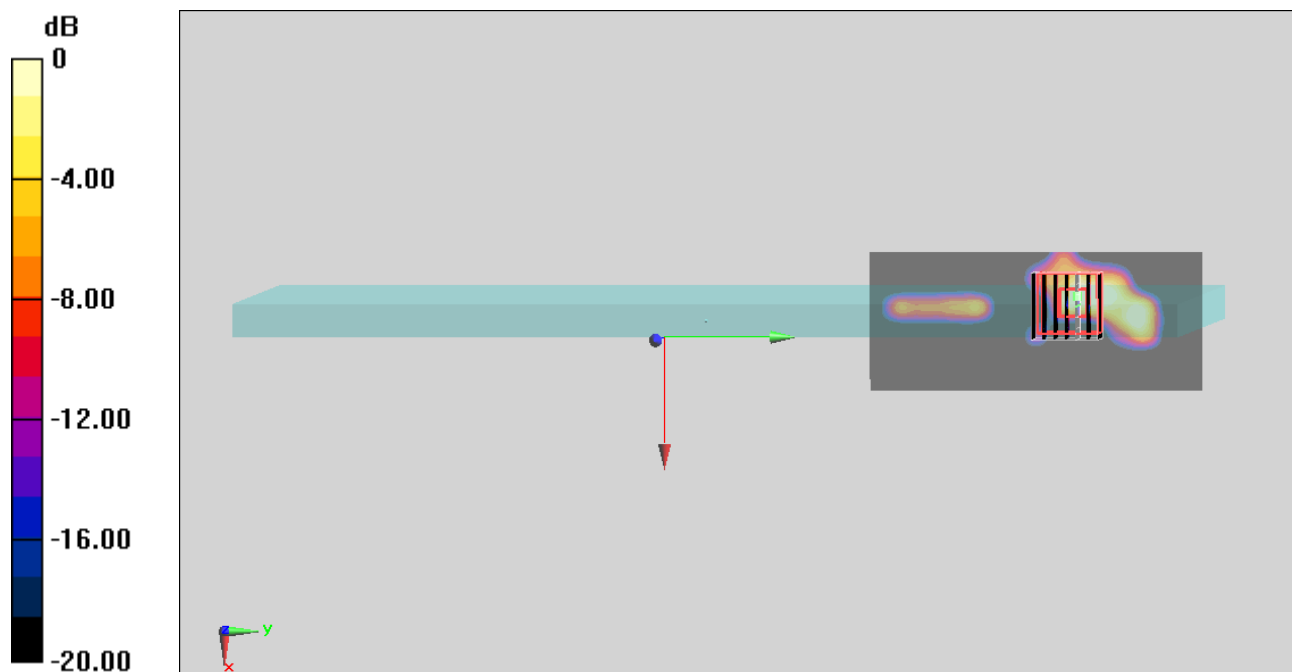
Configuration/Ch116/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm,
dz=1.4mm

Reference Value = 6.579 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.834 mW/g

SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.015 mW/g

Maximum value of SAR (measured) = 0.252 mW/g



0 dB = 0.252 mW/g = -11.97 dB mW/g

#67_WLAN5G_802.11a 6Mbps_Edge 2_0cm_Ch116;Ant Main

DUT: 13-2-347

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1.048

Medium: MSL_5G_130518 Medium parameters used: $f = 5580$ MHz; $\sigma = 5.775$ mho/m; $\epsilon_r = 46.855$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

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

Configuration/Ch116/Area Scan (61x81x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.0742 mW/g

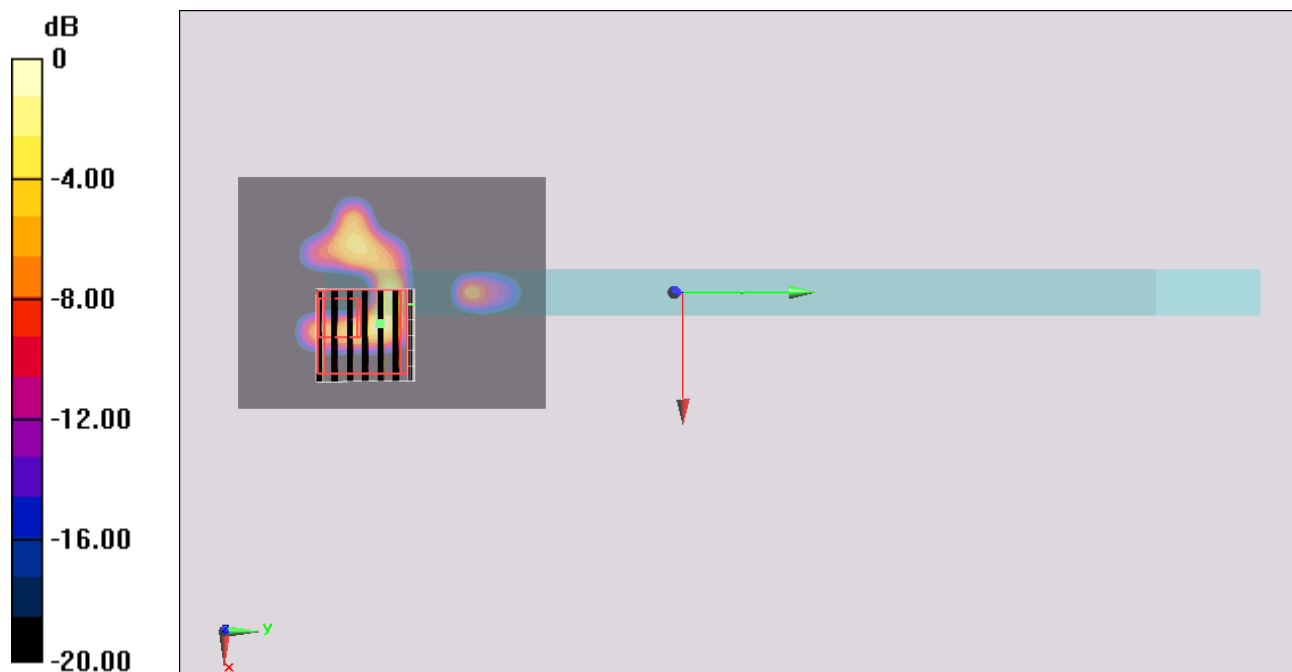
Configuration/Ch116/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.687 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.454 mW/g

SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.0051 mW/g

Maximum value of SAR (measured) = 0.102 mW/g



0 dB = 0.102 mW/g = -19.83 dB mW/g

#65_WLAN5G_802.11a 6Mbps_Curved surface of Edge1_0cm_Ch116;Ant Main

DUT: 13-2-347

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1.048

Medium: MSL_5G_130518 Medium parameters used: $f = 5580$ MHz; $\sigma = 5.775$ mho/m; $\epsilon_r = 46.855$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

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

Configuration/Ch116/Area Scan (71x111x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.12 mW/g

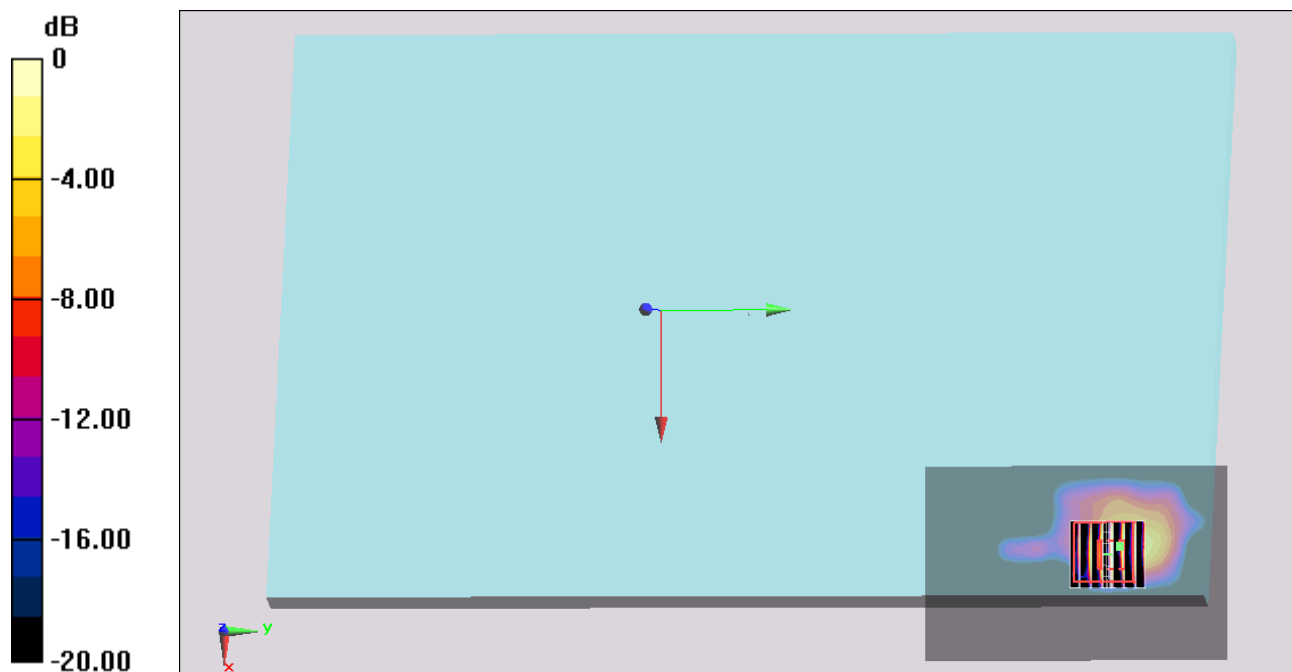
Configuration/Ch116/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 15.028 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.854 mW/g

SAR(1 g) = 0.411 mW/g; SAR(10 g) = 0.105 mW/g

Maximum value of SAR (measured) = 1.17 mW/g



0 dB = 1.17 mW/g = 1.36 dB mW/g

#06_WLAN5G_802.11n-HT20 MCS0_Bottom Face_0cm_Ch36;Ant MIMO

DUT: 13-2-351

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

Medium: MSL_5G_130515 Medium parameters used: $f = 5180$ MHz; $\sigma = 5.079$ mho/m; $\epsilon_r = 47.436$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

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

Configuration/Ch36/Area Scan (61x141x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (interpolated) = 0.320 mW/g

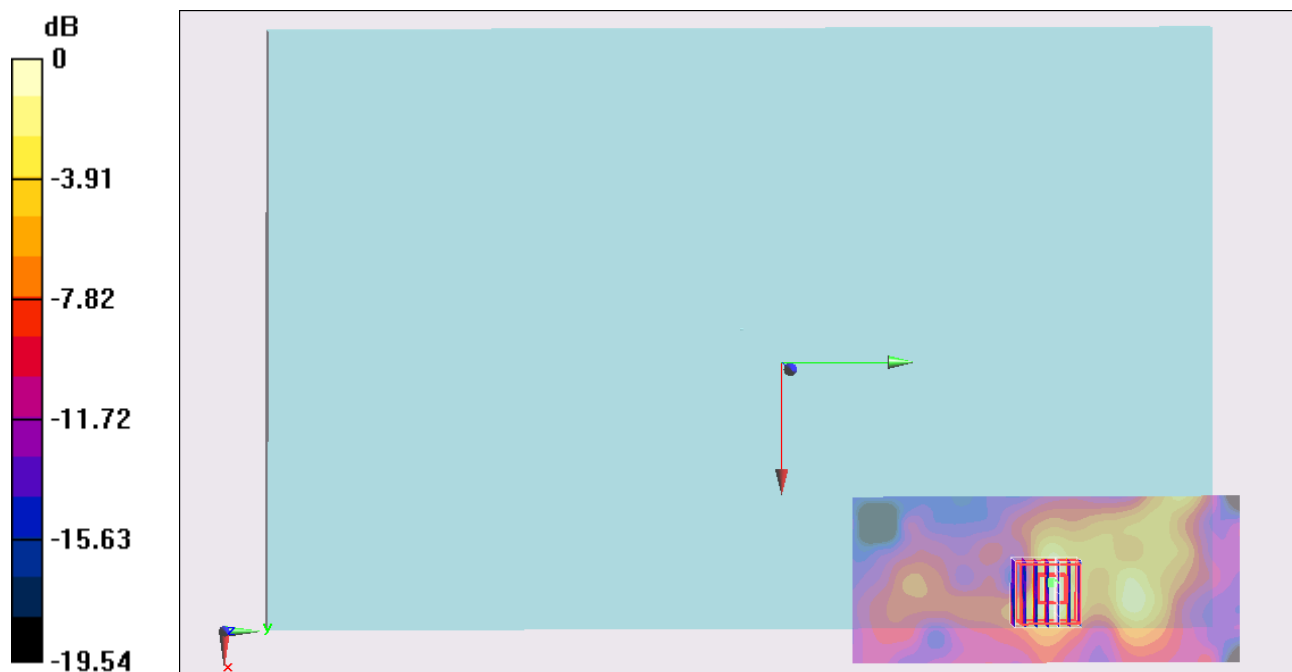
Configuration/Ch36/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 8.607 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.497 mW/g

SAR(1 g) = 0.129 mW/g; SAR(10 g) = 0.040 mW/g

Maximum value of SAR (measured) = 0.291 mW/g



0 dB = 0.291 mW/g = -10.72 dB mW/g

#05_WLAN5G_802.11n-HT20 MCS0_Edge 1_0cm_Ch36;Ant MIMO

DUT: 13-2-351

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

Medium: MSL_5G_130515 Medium parameters used : $f = 5180$ MHz; $\sigma = 5.079$ mho/m; $\epsilon_r = 47.436$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

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

Configuration/Ch36/Area Scan (51x121x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (interpolated) = 0.603 mW/g

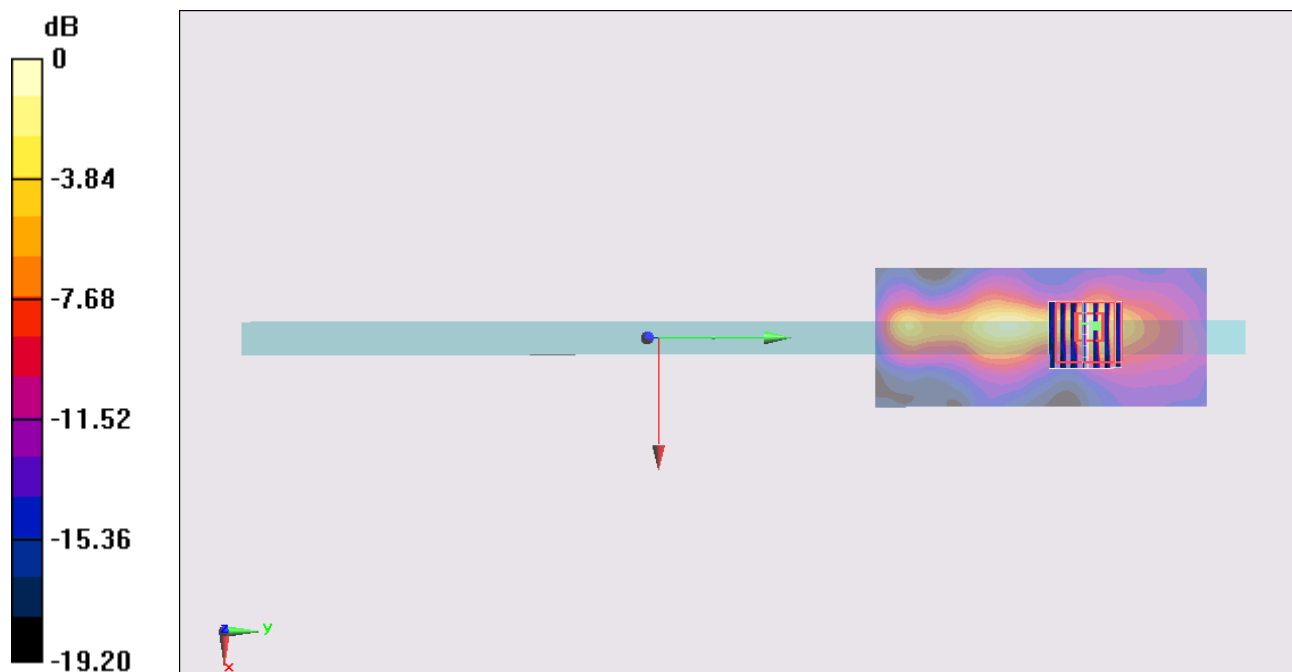
Configuration/Ch36/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 12.447 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.197 mW/g

SAR(1 g) = 0.254 mW/g; SAR(10 g) = 0.069 mW/g

Maximum value of SAR (measured) = 0.668 mW/g



0 dB = 0.668 mW/g = -3.50 dB mW/g

#11_WLAN5G_802.11n-HT20 MCS0_Edge 2_0cm_Ch36;Ant MIMO

DUT: 13-2-347

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

Medium: MSL_5G_130515 Medium parameters used : $f = 5180$ MHz; $\sigma = 5.079$ mho/m; $\epsilon_r = 47.436$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

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

Configuration/Ch36/Area Scan (41x111x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.226 mW/g

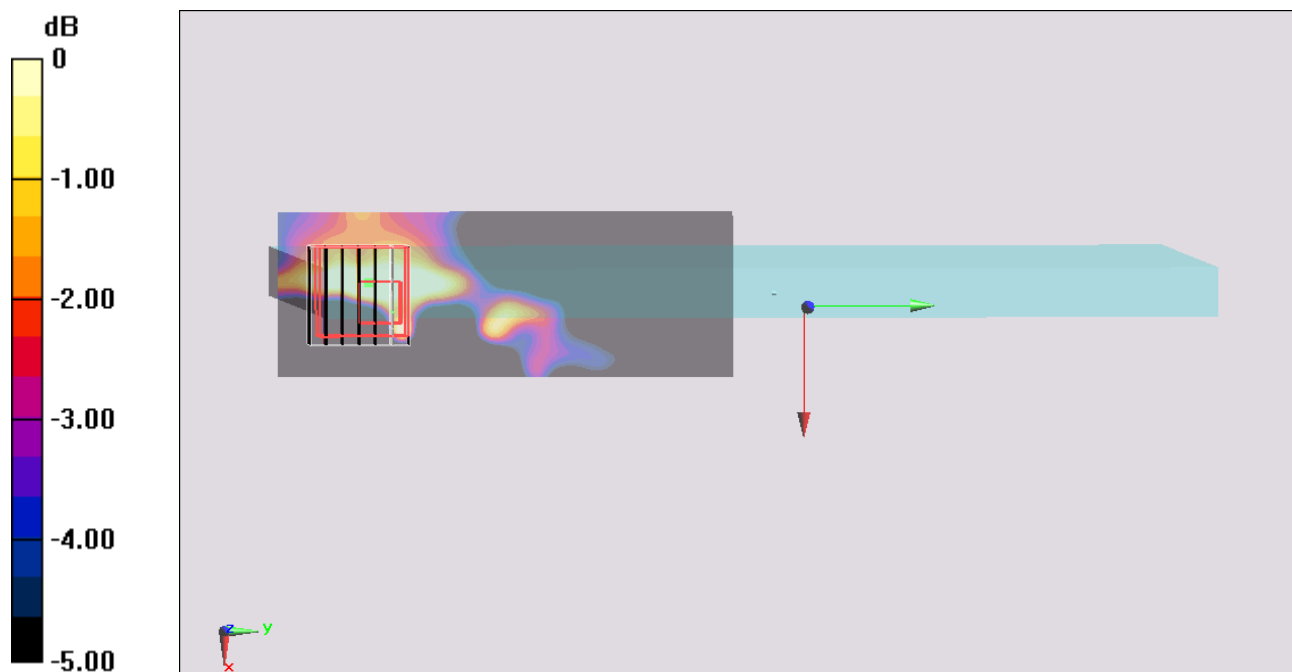
Configuration/Ch36/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 12.513 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.591 mW/g

SAR(1 g) = 0.060 mW/g; SAR(10 g) = 0.027 mW/g

Maximum value of SAR (measured) = 0.150 mW/g



0 dB = 0.150 mW/g = -16.48 dB mW/g

#04_WLAN5G_802.11n-HT20 MCS0_Curved surface of Edge1_0cm_Ch36;Ant MIMO

DUT: 13-2-351

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

Medium: MSL_5G_130515 Medium parameters used : $f = 5180$ MHz; $\sigma = 5.079$ mho/m; $\epsilon_r = 47.436$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

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

Configuration/Ch36/Area Scan (71x111x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.710 mW/g

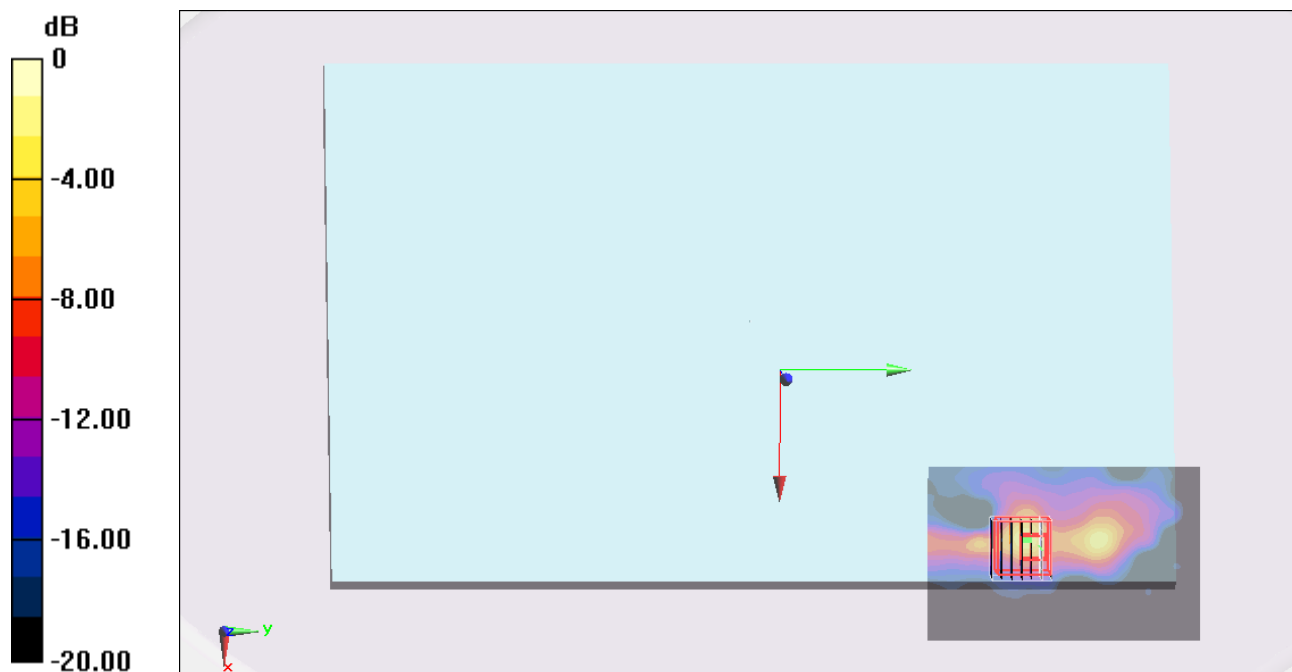
Configuration/Ch36/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 13.185 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.741 mW/g

SAR(1 g) = 0.299 mW/g; SAR(10 g) = 0.075 mW/g

Maximum value of SAR (measured) = 1.33 mW/g



0 dB = 1.33 mW/g = 2.48 dB mW/g

#51_WLAN5G_802.11n-HT40 MCS0_Curved surface of Edge1_0cm_Ch46;Ant MIMO

DUT: 13-2-347

Communication System: 802.11n; Frequency: 5230 MHz; Duty Cycle: 1:1.192

Medium: MSL_5G_130517 Medium parameters used : $f = 5230$ MHz; $\sigma = 5.303$ mho/m; $\epsilon_r = 47.462$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

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

Configuration/Ch46/Area Scan (71x111x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.673 mW/g

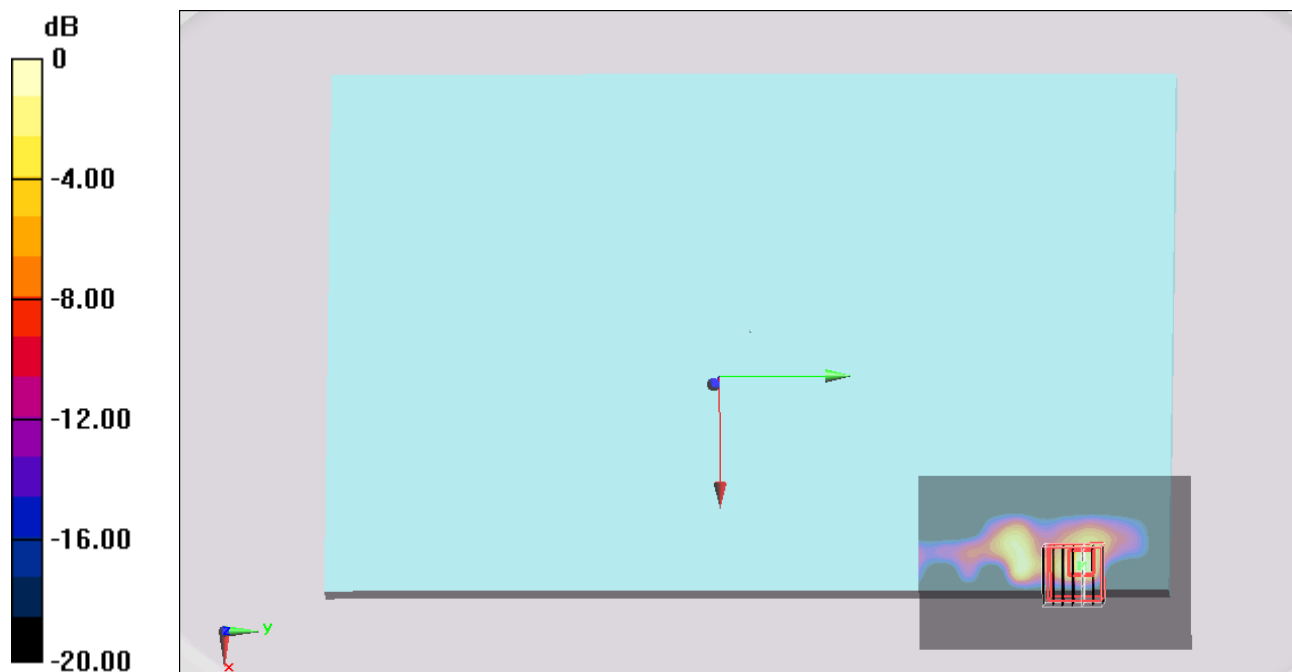
Configuration/Ch46/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 13.389 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.242 mW/g

SAR(1 g) = 0.225 mW/g; SAR(10 g) = 0.038 mW/g

Maximum value of SAR (measured) = 0.777 mW/g



0 dB = 0.777 mW/g = -2.19 dB mW/g

#50_WLAN5G_802.11ac-VHT80 MCS0_Curved surface of Edge1_0cm_Ch42;Ant MIMO

DUT: 13-2-347

Communication System: 802.11ac; Frequency: 5210 MHz; Duty Cycle: 1:1.118

Medium: MSL_5G_130517 Medium parameters used : $f = 5210$ MHz; $\sigma = 5.289$ mho/m; $\epsilon_r = 47.522$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

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

Configuration/Ch42/Area Scan (71x111x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.36 mW/g

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

Reference Value = 17.044 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 2.173 mW/g

SAR(1 g) = 0.420 mW/g; SAR(10 g) = 0.084 mW/g

Maximum value of SAR (measured) = 1.33 mW/g

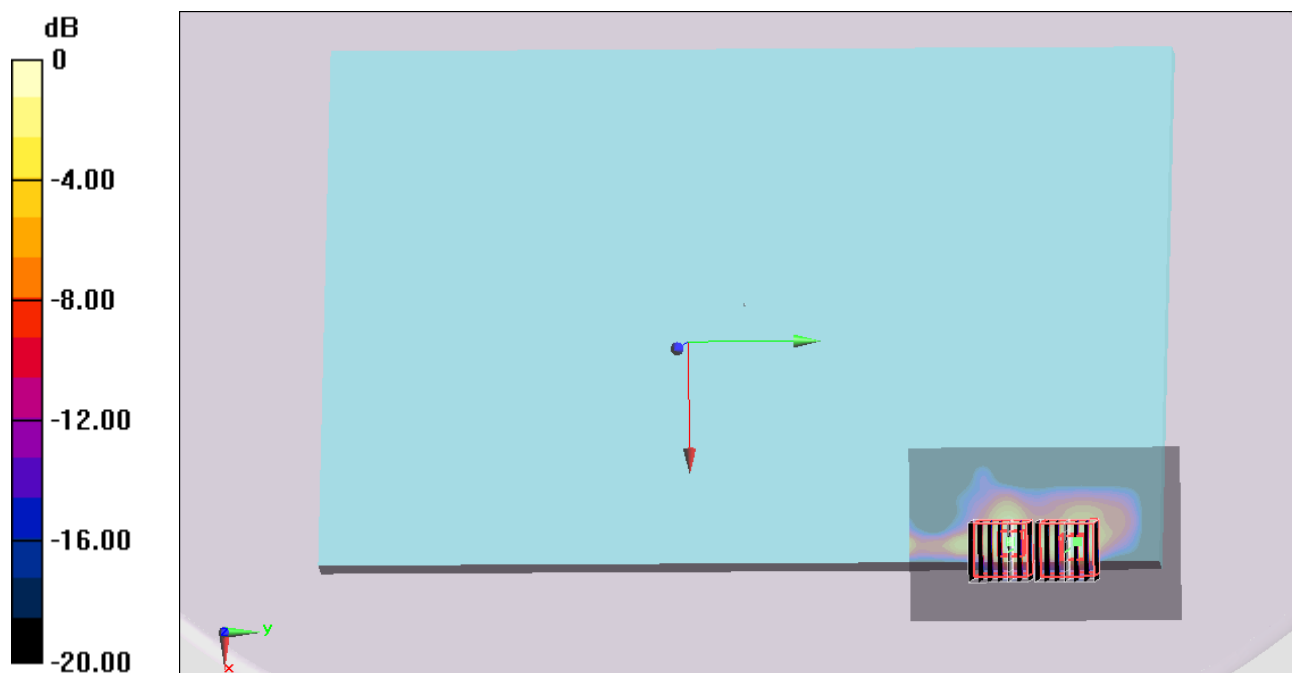
Configuration/Ch42/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 17.044 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.784 mW/g

SAR(1 g) = 0.398 mW/g; SAR(10 g) = 0.090 mW/g

Maximum value of SAR (measured) = 1.11 mW/g



0 dB = 1.11 mW/g = 0.91 dB mW/g

#09_WLAN5G_802.11n-HT20 MCS0_Bottom Face_0cm_Ch52;Ant MIMO

DUT: 13-2-347

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

Medium: MSL_5G_130515 Medium parameters used : $f = 5260$ MHz; $\sigma = 5.167$ mho/m; $\epsilon_r = 47.277$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

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

Configuration/Ch52/Area Scan (61x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.483 mW/g

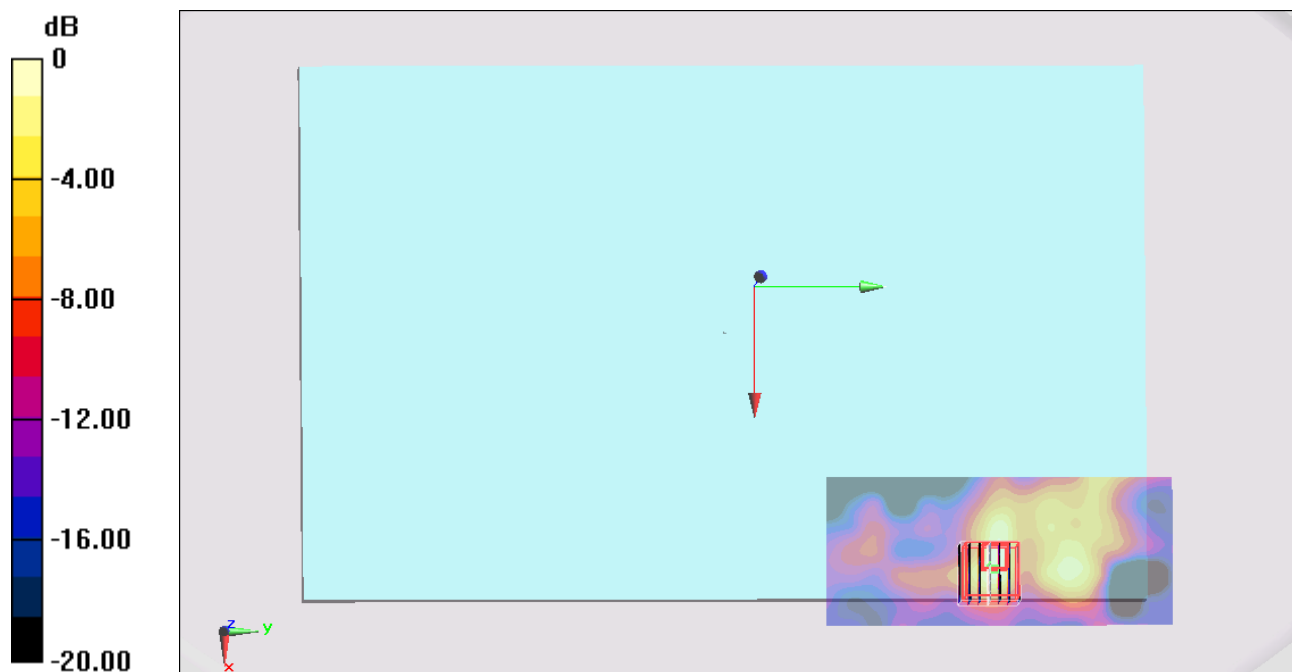
Configuration/Ch52/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.189 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.897 mW/g

SAR(1 g) = 0.227 mW/g; SAR(10 g) = 0.058 mW/g

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



0 dB = 0.523 mW/g = -5.63 dB mW/g

#08_WLAN5G_802.11n-HT20 MCS0_Edge 1_0cm_Ch52;Ant MIMO

DUT: 13-2-351

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

Medium: MSL_5G_130515 Medium parameters used: $f = 5260$ MHz; $\sigma = 5.167$ mho/m; $\epsilon_r = 47.277$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

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

Configuration/Ch52/Area Scan (51x121x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 1.40 mW/g

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

Reference Value = 18.990 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 2.631 mW/g

SAR(1 g) = 0.552 mW/g; SAR(10 g) = 0.129 mW/g

Maximum value of SAR (measured) = 1.55 mW/g

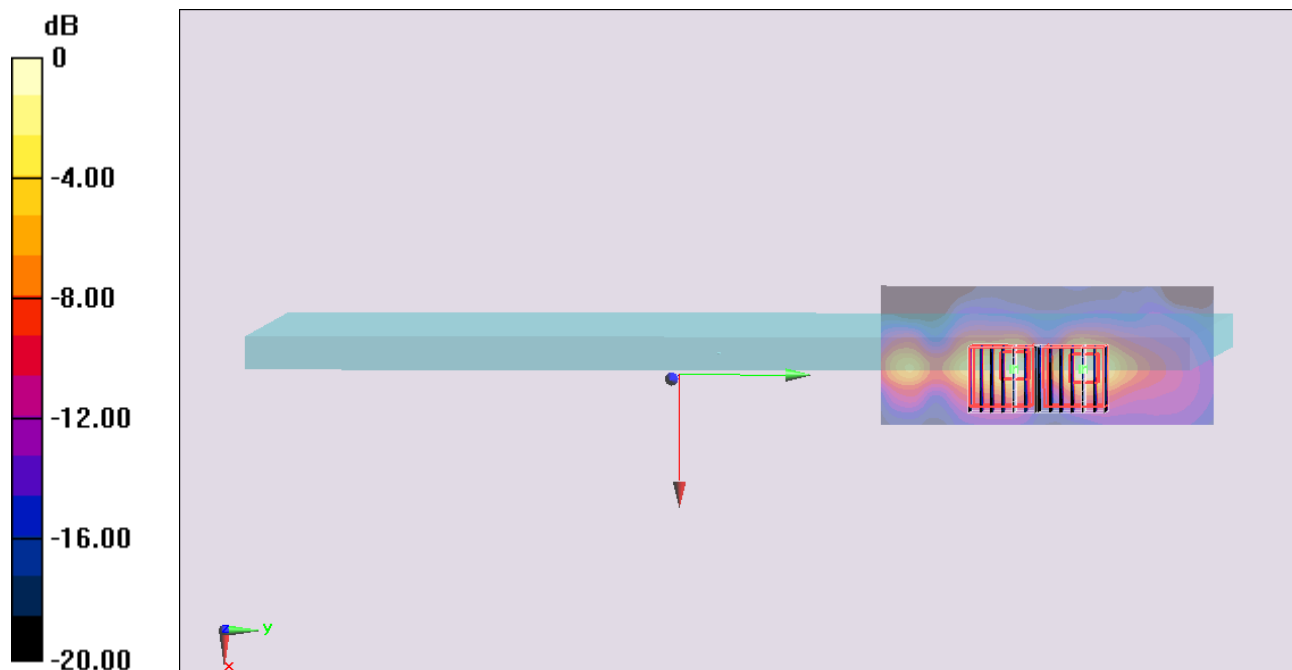
Configuration/Ch52/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 18.990 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 2.068 mW/g

SAR(1 g) = 0.453 mW/g; SAR(10 g) = 0.131 mW/g

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



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

#10_WLAN5G_802.11n-HT20 MCS0_Edge 2_0cm_Ch52;Ant MIMO

DUT: 13-2-347

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

Medium: MSL_5G_130515 Medium parameters used : $f = 5260$ MHz; $\sigma = 5.167$ mho/m; $\epsilon_r = 47.277$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

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

Configuration/Ch52/Area Scan (31x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.259 mW/g

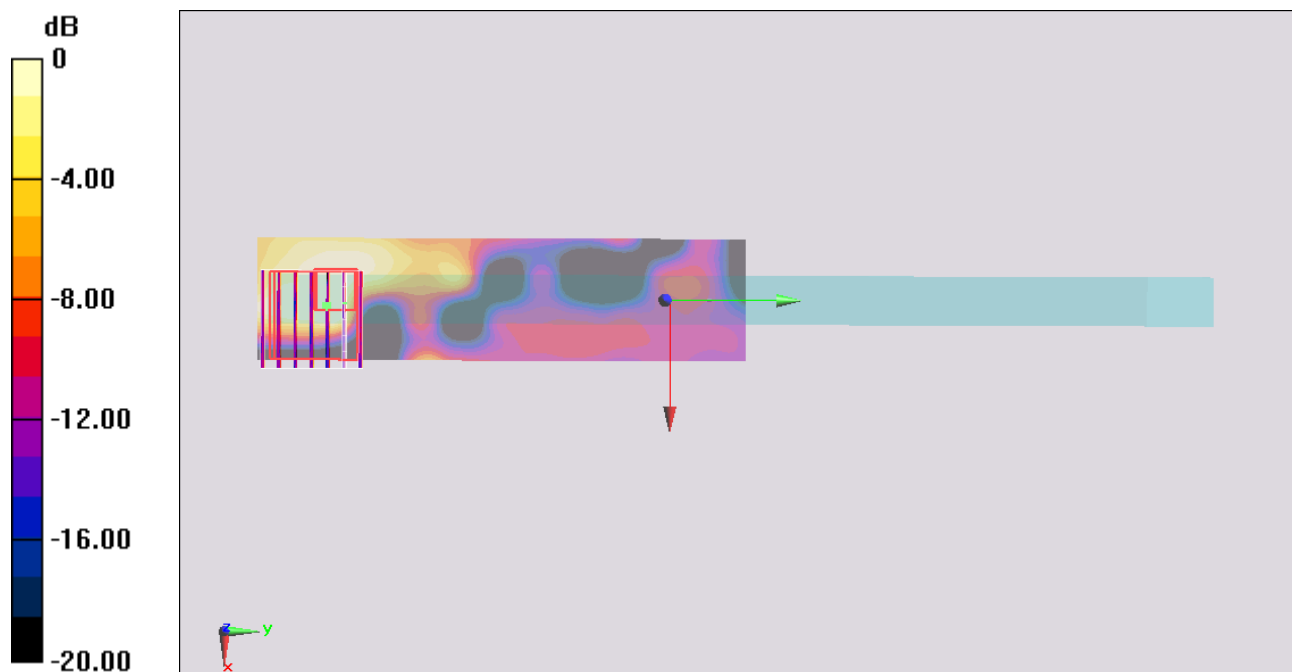
Configuration/Ch52/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.415 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.409 mW/g

SAR(1 g) = 0.060 mW/g; SAR(10 g) = 0.021 mW/g

Maximum value of SAR (measured) = 0.138 mW/g



0 dB = 0.138 mW/g = -17.20 dB mW/g

#07_WLAN5G_802.11n-HT20 MCS0_Curved surface of Edge1_0cm_Ch52;Ant MIMO

DUT: 13-2-351

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

Medium: MSL_5G_130515 Medium parameters used: $f = 5260$ MHz; $\sigma = 5.167$ mho/m; $\epsilon_r = 47.277$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

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

Configuration/Ch52/Area Scan (71x111x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.982 mW/g

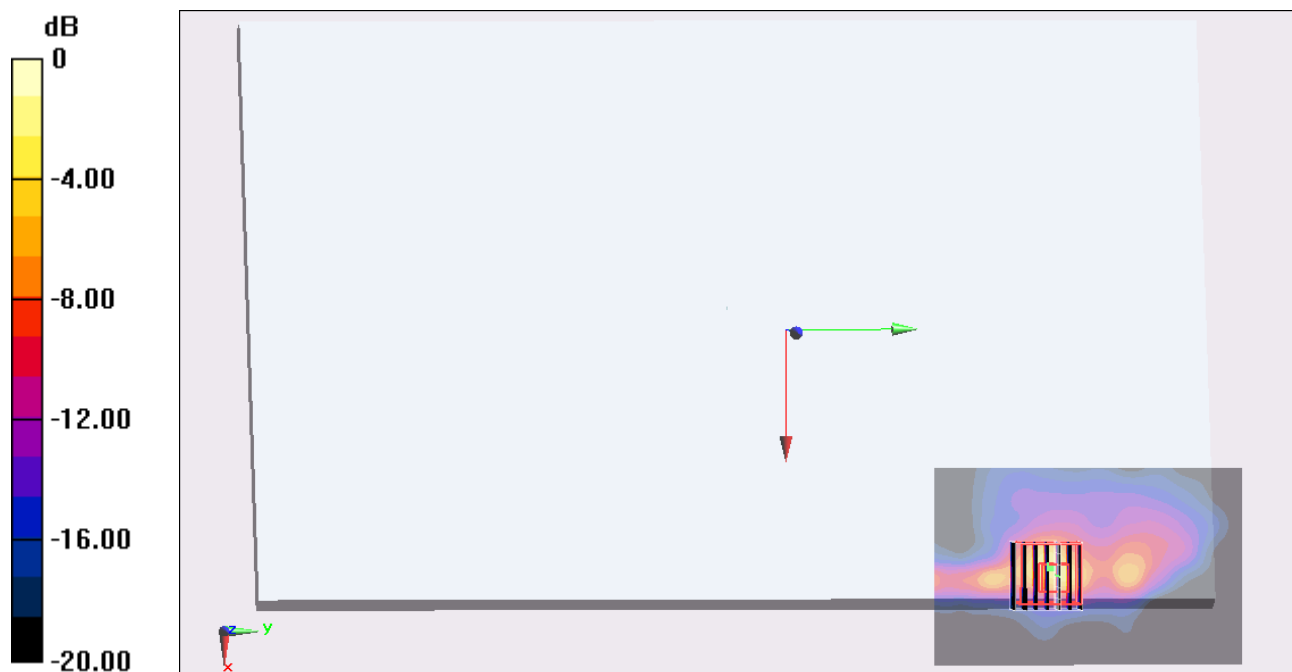
Configuration/Ch52/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 17.419 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 2.956 mW/g

SAR(1 g) = 0.628 mW/g; SAR(10 g) = 0.166 mW/g

Maximum value of SAR (measured) = 1.71 mW/g



0 dB = 1.71 mW/g = 4.66 dB mW/g

#16_WLAN5G_802.11n-HT20 MCS0_Bottom Face_0cm_Ch116;MIMO

DUT: 13-2-347

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

Medium: MSL_5G_130515 Medium parameters used: $f = 5580$ MHz; $\sigma = 5.598$ mho/m; $\epsilon_r = 46.812$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

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

Configuration/Ch116/Area Scan (61x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.666 mW/g

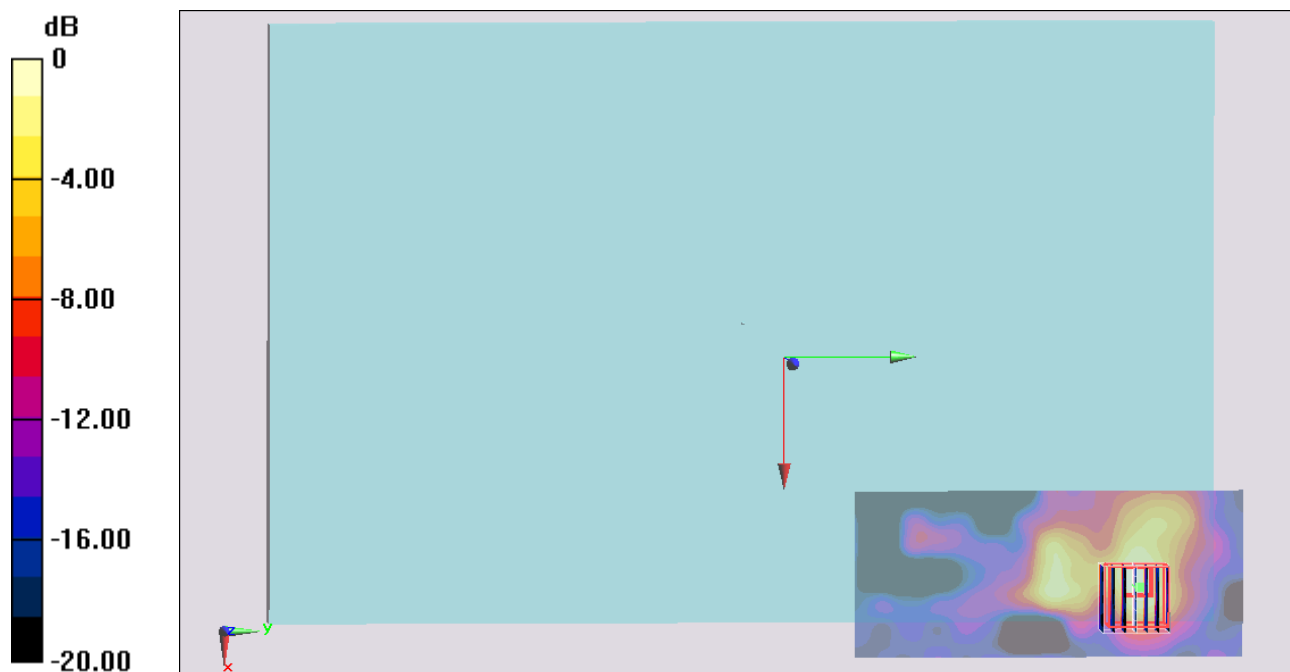
Configuration/Ch116/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm,
dz=1.4mm

Reference Value = 12.324 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.247 mW/g

SAR(1 g) = 0.290 mW/g; SAR(10 g) = 0.088 mW/g

Maximum value of SAR (measured) = 0.700 mW/g



0 dB = 0.700 mW/g = -3.10 dB mW/g

#14_WLAN5G_802.11n-HT20 MCS0_Edge 1_0cm_Ch116;Ant MIMO

DUT: 13-2-347

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

Medium: MSL_5G_130515 Medium parameters used: $f = 5580$ MHz; $\sigma = 5.598$ mho/m; $\epsilon_r = 46.812$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

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

Configuration/Ch116/Area Scan (51x121x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.01 mW/g

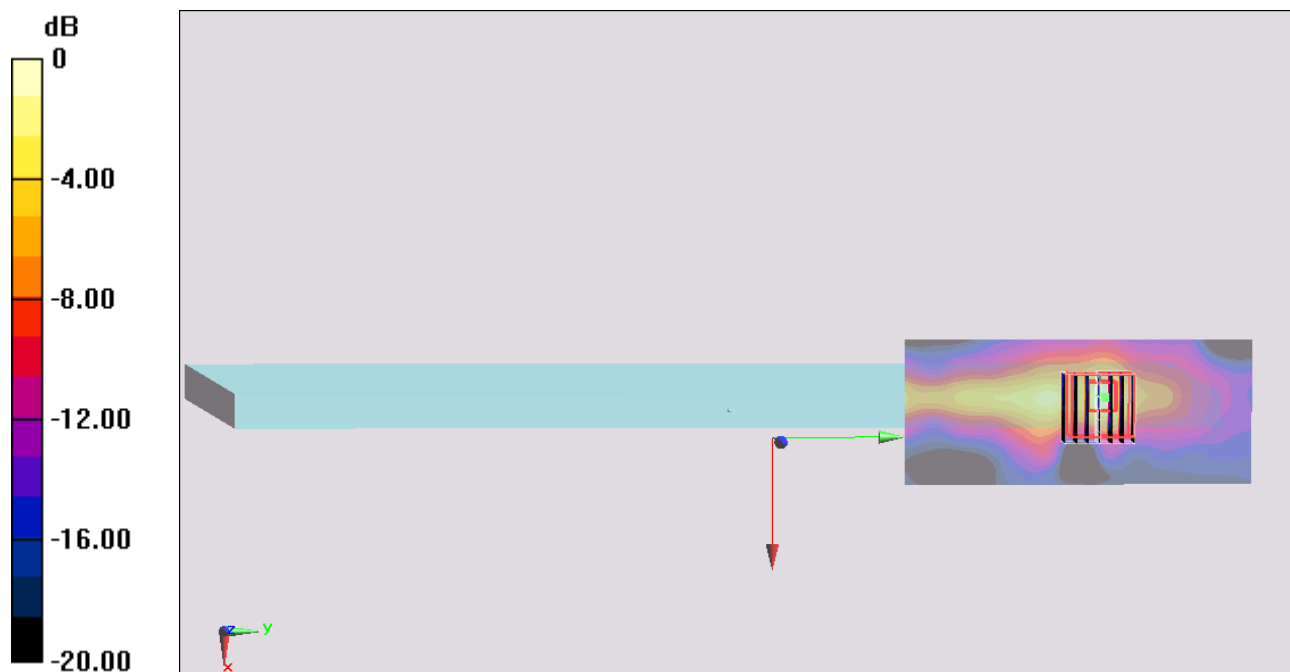
Configuration/Ch116/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm,
dz=1.4mm

Reference Value = 14.986 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.955 mW/g

SAR(1 g) = 0.370 mW/g; SAR(10 g) = 0.093 mW/g

Maximum value of SAR (measured) = 1.02 mW/g



0 dB = 1.02 mW/g = 0.17 dB mW/g

#15_WLAN5G_802.11n-HT20 MCS0_Edge 2_0cm_Ch116;Ant MIMO

DUT: 13-2-347

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

Medium: MSL_5G_130515 Medium parameters used : $f = 5580$ MHz; $\sigma = 5.598$ mho/m; $\epsilon_r = 46.812$; $\rho =$

1000 kg/m³

Ambient Temperature : 22.6 °C; Liquid Temperature : 21.6 °C

DASY5 Configuration:

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

Configuration/Ch116/Area Scan (41x11x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 0.181 mW/g

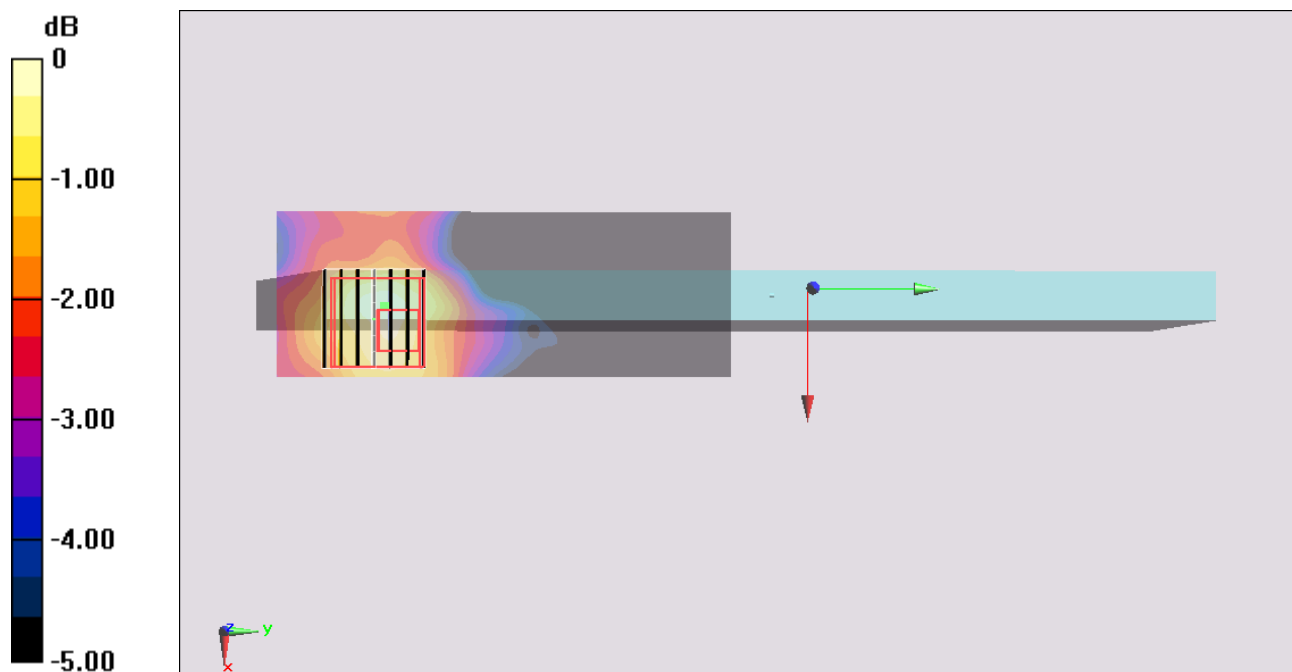
Configuration/Ch116/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.135 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.559 mW/g

SAR(1 g) = 0.079 mW/g; SAR(10 g) = 0.035 mW/g

Maximum value of SAR (measured) = 0.185 mW/g



0 dB = 0.185 mW/g = -14.66 dB mW/g

#13_WLAN5G_802.11n-HT20 MCS0_Curved surface of Edge1_0cm_Ch116;Ant MIMO

DUT: 13-2-347

Communication System: 802.11n; Frequency: 5580 MHz; Duty Cycle: 1:1
 Medium: MSL_5G_130515 Medium parameters used: $f = 5580 \text{ MHz}$; $\sigma = 5.598 \text{ mho/m}$; $\epsilon_r = 46.812$; $\rho = 1000 \text{ kg/m}^3$
 Ambient Temperature : $22.6 \text{ }^\circ\text{C}$; Liquid Temperature : $21.6 \text{ }^\circ\text{C}$

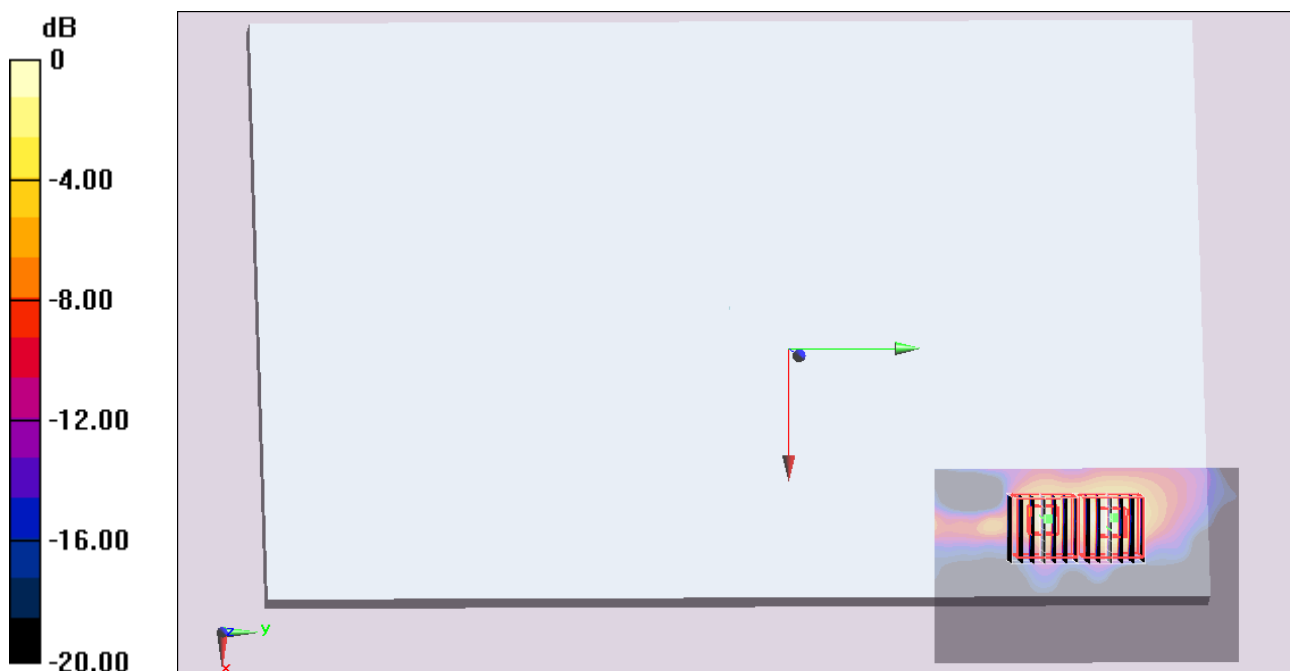
DASY5 Configuration:

- 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 (4); SEMCAD X Version 14.6.8 (7028)

Configuration/Ch116/Area Scan (71x111x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
 Maximum value of SAR (interpolated) = 1.67 mW/g

Configuration/Ch116/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$
 Reference Value = 19.614 V/m ; Power Drift = -0.19 dB
 Peak SAR (extrapolated) = 3.374 mW/g
SAR(1 g) = 0.722 mW/g ; SAR(10 g) = 0.205 mW/g
 Maximum value of SAR (measured) = 1.81 mW/g

Configuration/Ch116/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$
 Reference Value = 19.614 V/m ; Power Drift = -0.19 dB
 Peak SAR (extrapolated) = 2.726 mW/g
SAR(1 g) = 0.503 mW/g ; SAR(10 g) = 0.130 mW/g
 Maximum value of SAR (measured) = 1.45 mW/g



$0 \text{ dB} = 1.45 \text{ mW/g} = 3.23 \text{ dB mW/g}$

#52_WLAN5G_802.11n-HT40 MCS0_Curved surface of Edge1_0cm_Ch134;Ant MIMO

DUT: 13-2-347

Communication System: 802.11n; Frequency: 5670 MHz; Duty Cycle: 1:1.192
Medium: MSL_5G_130515 Medium parameters used : $f = 5670$ MHz; $\sigma = 5.744$ mho/m; $\epsilon_r = 46.668$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °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 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch134/Area Scan (71x111x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 3.06 mW/g

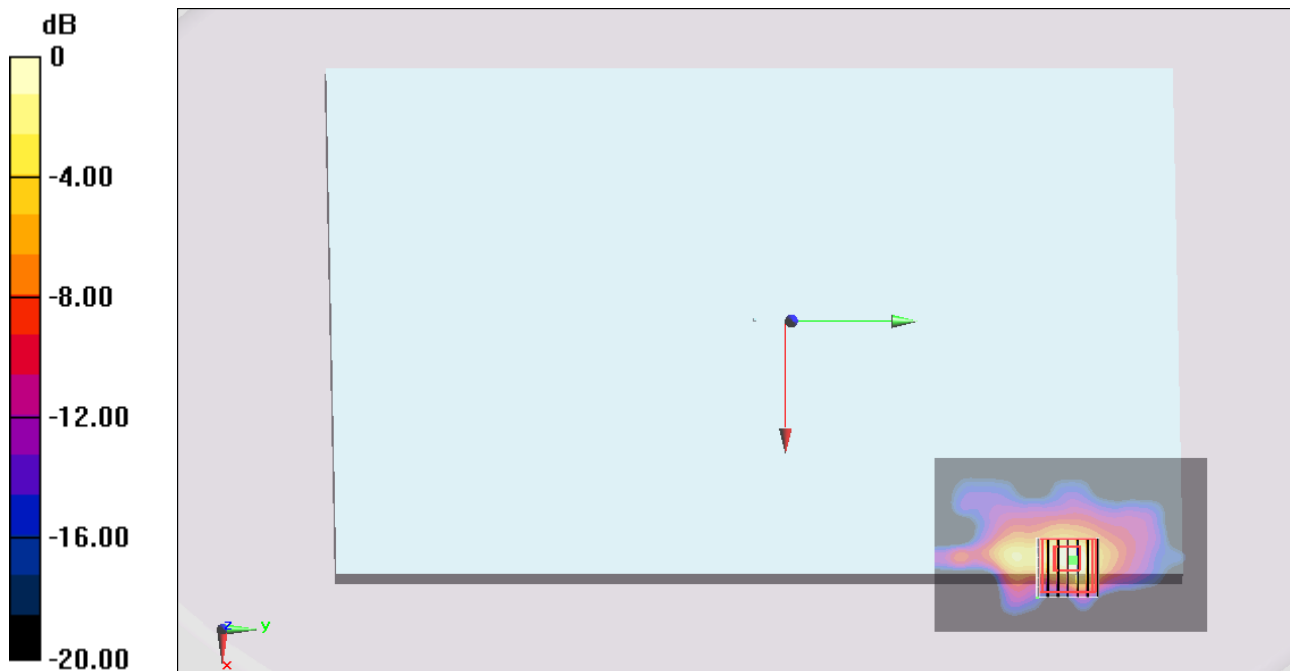
Configuration/Ch134/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 25.270 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 5.208 mW/g

SAR(1 g) = 1.17 mW/g; SAR(10 g) = 0.321 mW/g

Maximum value of SAR (measured) = 3.02 mW/g



0 dB = 3.02 mW/g = 9.60 dB mW/g

#53_WLAN5G_802.11n-HT40 MCS0_Curved surface of Edge1_0cm_Ch102;Ant MIMO

DUT: 13-2-347

Communication System: 802.11n; Frequency: 5510 MHz; Duty Cycle: 1:1.192
Medium: MSL_5G_130515 Medium parameters used : $f = 5510$ MHz; $\sigma = 5.502$ mho/m; $\epsilon_r = 46.955$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °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 v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch102/Area Scan (71x111x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.03 mW/g

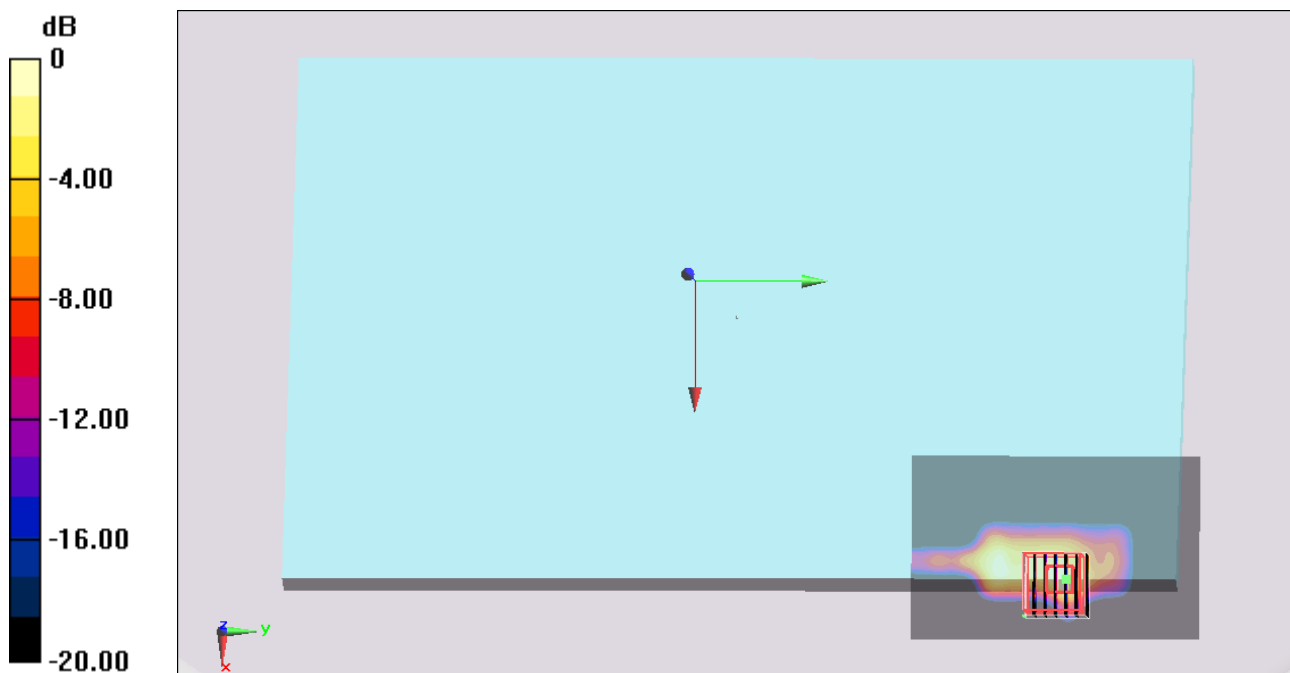
Configuration/Ch102/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 13.965 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.430 mW/g

SAR(1 g) = 0.295 mW/g; SAR(10 g) = 0.070 mW/g

Maximum value of SAR (measured) = 0.834 mW/g



0 dB = 0.834 mW/g = -1.58 dB mW/g

#54_WLAN5G_802.11n-HT40 MCS0_Curved surface of Edge1_0cm_Ch110;Ant MIMO

DUT: 13-2-347

Communication System: 802.11n; Frequency: 5550 MHz; Duty Cycle: 1:1.192

Medium: MSL_5G_130515 Medium parameters used: $f = 5550$ MHz; $\sigma = 5.562$ mho/m; $\epsilon_r = 46.906$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °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 v4.0; Type: QDOVA001BB; Serial: 1173
- Measurement SW: DASY52, Version 52.8 (3); SEMCAD X Version 14.6.5 (6469)

Configuration/Ch110/Area Scan (71x111x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (interpolated) = 1.91 mW/g

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

Reference Value = 20.235 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 3.527 mW/g

SAR(1 g) = 0.705 mW/g; SAR(10 g) = 0.183 mW/g

Maximum value of SAR (measured) = 1.91 mW/g

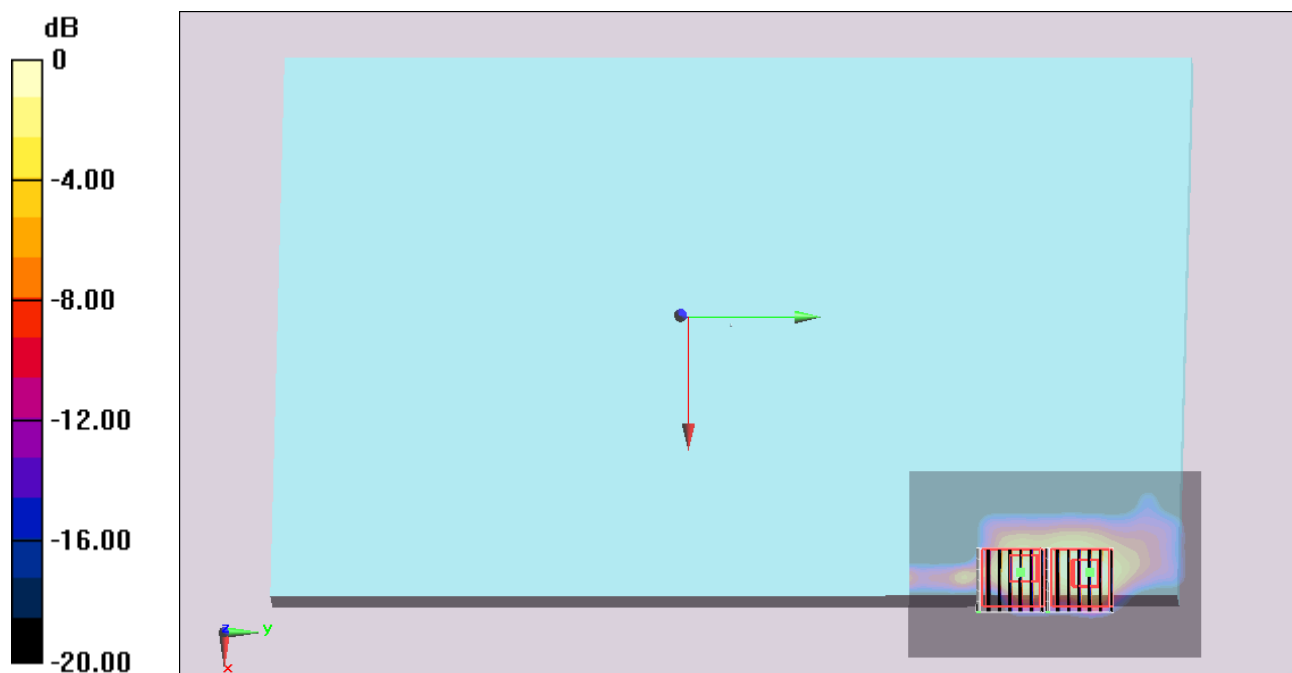
Configuration/Ch110/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 20.235 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.881 mW/g

SAR(1 g) = 0.544 mW/g; SAR(10 g) = 0.117 mW/g

Maximum value of SAR (measured) = 1.68 mW/g



0 dB = 1.68 mW/g = 4.51 dB mW/g

#110_WLAN5G_802.11n-HT40 MCS0_Curved surface of Edge1_0cm_Ch126;Ant MIMO

DUT: 360323

Communication System: 802.11n; Frequency: 5630 MHz; Duty Cycle: 1:1

Medium: MSL_5G_130515 Medium parameters used: $f = 5630$ MHz; $\sigma = 5.679$ S/m; $\epsilon_r = 46.712$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °C

DASY5 Configuration:

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

Configuration/Ch126/Area Scan (71x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.28 W/kg

Configuration/Ch126/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 22.091 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 4.17 W/kg

SAR(1 g) = 0.958 W/kg; SAR(10 g) = 0.286 W/kg

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

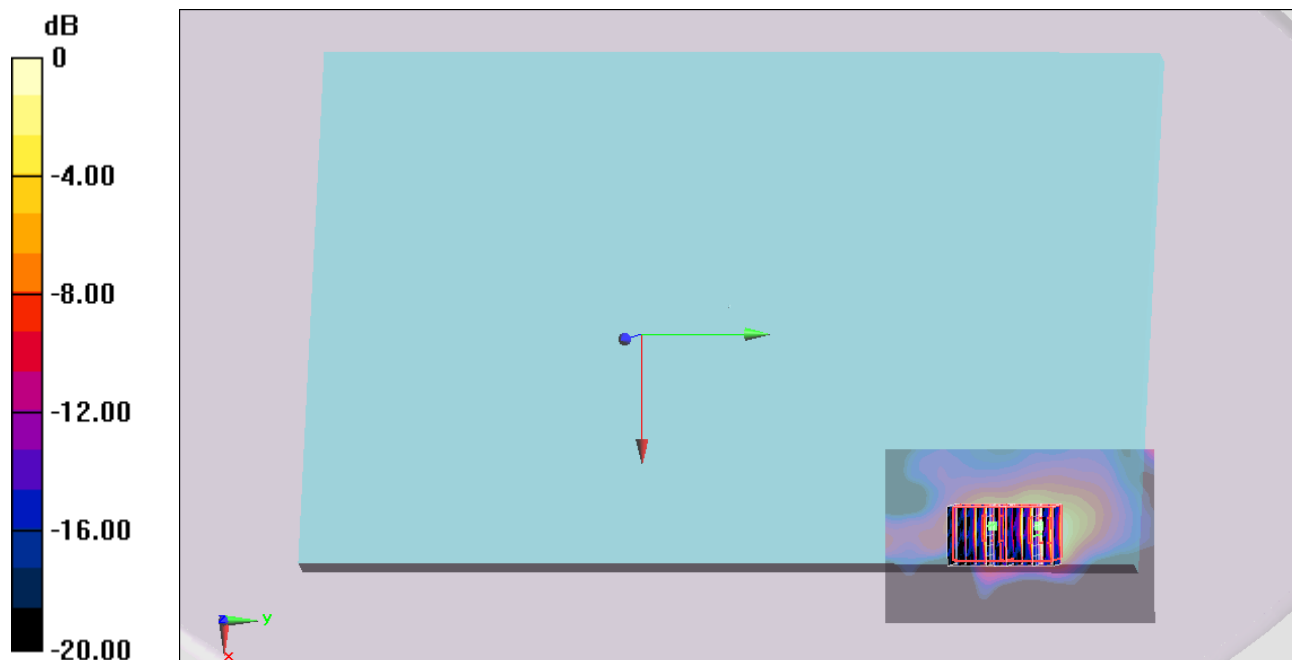
Configuration/Ch126/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 22.091 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 5.28 W/kg

SAR(1 g) = 0.697 W/kg; SAR(10 g) = 0.189 W/kg

Maximum value of SAR (measured) = 1.87 W/kg



0 dB = 1.87 W/kg = 2.72 dBW/kg

#44_WLAN5G_802.11a 6Mbps_Curved surface of Edge1_0cm_Ch157;Ant Main_Repeat

DUT: 13-2-347

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

Medium: MSL_5G_130517 Medium parameters used: $f = 5785$ MHz; $\sigma = 6.159$ mho/m; $\epsilon_r = 46.556$; $\rho =$

1000 kg/m³

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

DASY5 Configuration:

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

Configuration/Ch157/Area Scan (71x111x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 3.05 mW/g

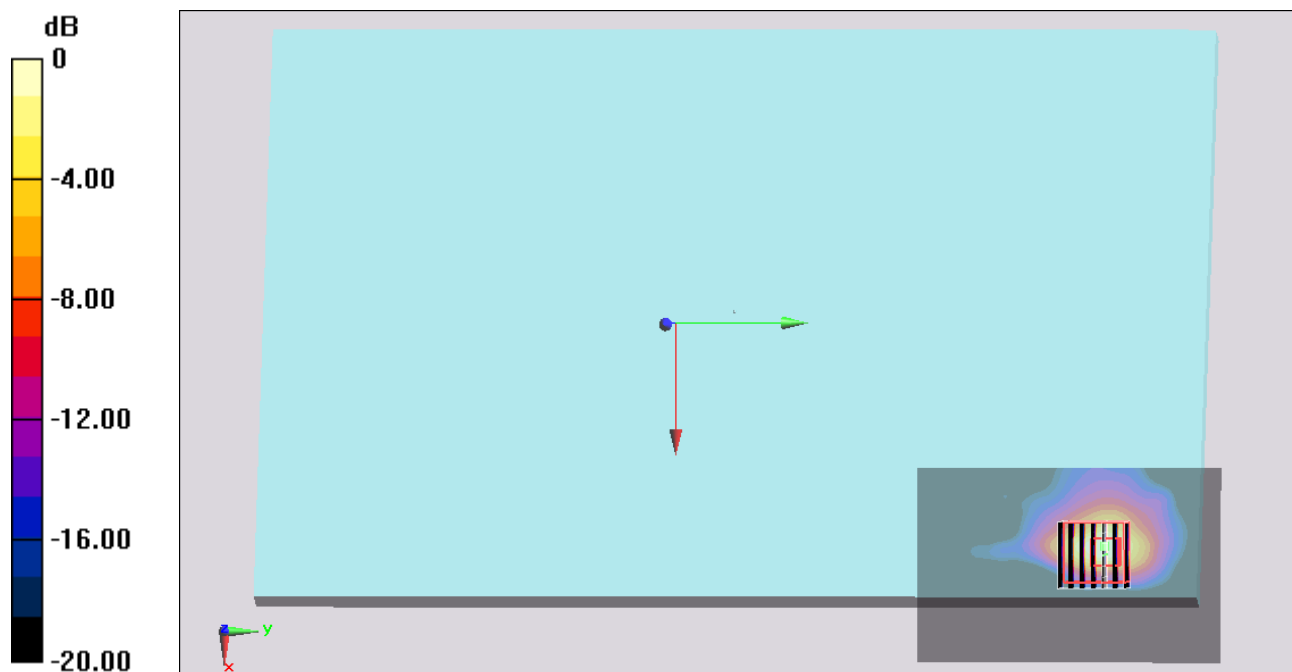
Configuration/Ch157/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 23.714 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 3.966 mW/g

SAR(1 g) = 0.892 mW/g; SAR(10 g) = 0.218 mW/g

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



0 dB = 2.67 mW/g = 8.53 dB mW/g

#78_WLAN5G_802.11n-HT20 MCS0_Curved surface of Edge1_0cm_Ch161;Ant MIMO_Repeat

DUT: 13-2-347

Communication System: 802.11n; Frequency: 5805 MHz; Duty Cycle: 1:1.052
Medium: MSL_5G_130515 Medium parameters used : $f = 5805$ MHz; $\sigma = 5.968$ mho/m; $\epsilon_r = 46.462$; $\rho = 1000$ kg/m³
Ambient Temperature : 22.6 °C ; Liquid Temperature : 21.6 °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/Ch161/Area Scan (71x111x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 3.06 mW/g

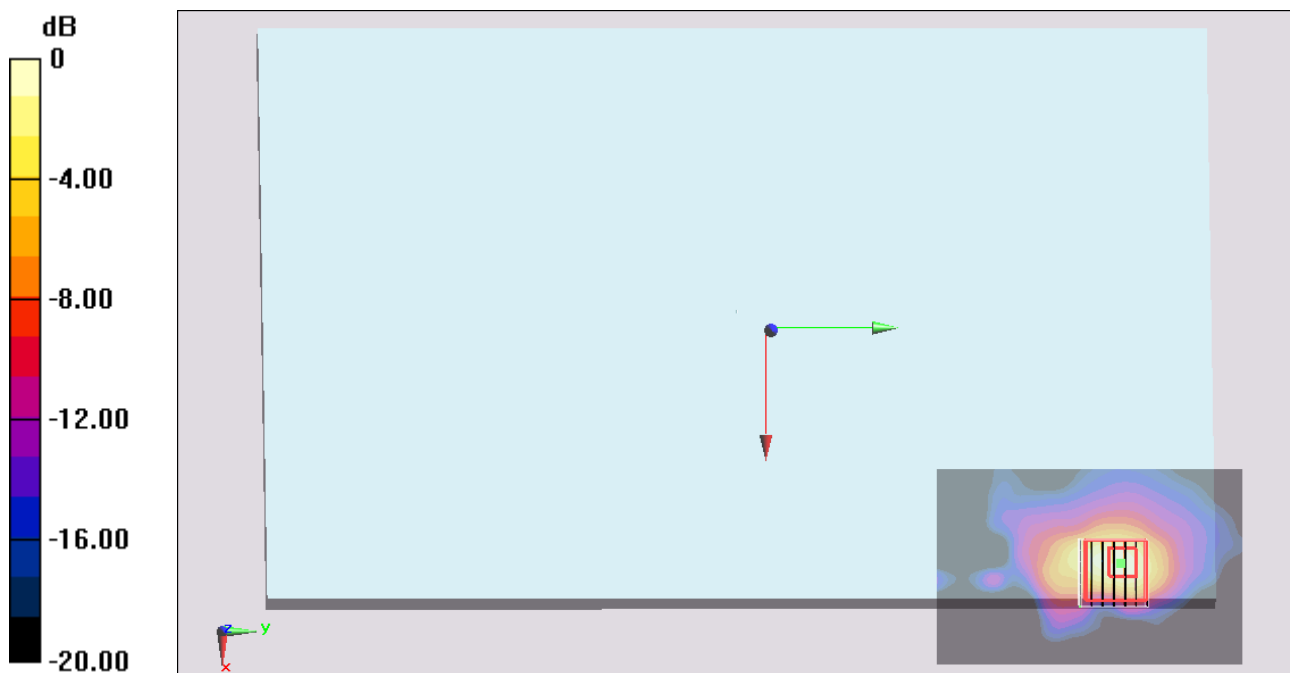
Configuration/Ch161/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 25.256 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 4.829 mW/g

SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.338 mW/g

Maximum value of SAR (measured) = 2.93 mW/g



0 dB = 2.93 mW/g = 9.34 dB mW/g