

#17 WLAN2.4G_802.11b_Bottom_0cm_Ch1_Ant 0**DUT: 241902**

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

Medium: MSL_2450_121011 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.959$ mho/m; $\epsilon_r = 54.047$; ρ $= 1000$ kg/m³

Ambient Temperature : 22.2 °C; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3305; ConvF(4.28, 4.28, 4.28); Calibrated: 2012/9/12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch1/Area Scan (131x161x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.0293 mW/g

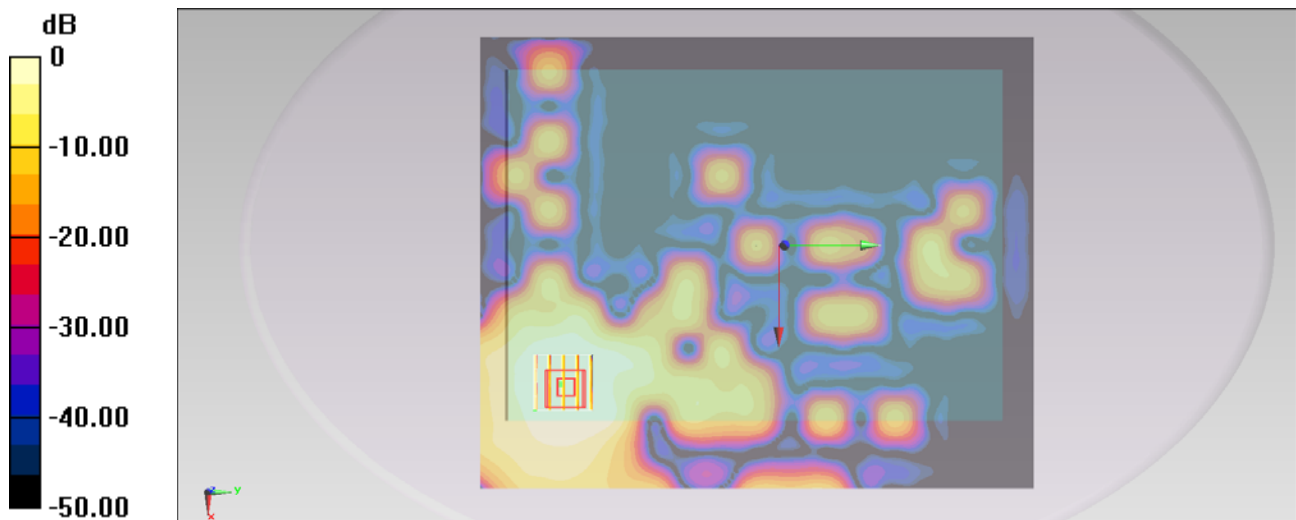
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.473 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.049 mW/g

SAR(1 g) = 0.028 mW/g; SAR(10 g) = 0.016 mW/g

Maximum value of SAR (measured) = 0.0295 mW/g



0 dB = 0.0295 mW/g = -30.60 dB mW/g

#17 WLAN2.4G_802.11b_Bottom_0cm_Ch1_Ant 0_2D**DUT: 241902**

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

Medium: MSL_2450_121011 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.959$ mho/m; $\epsilon_r = 54.047$; ρ $= 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3305; ConvF(4.28, 4.28, 4.28); Calibrated: 2012/9/12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch1/Area Scan (131x161x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.0293 mW/g

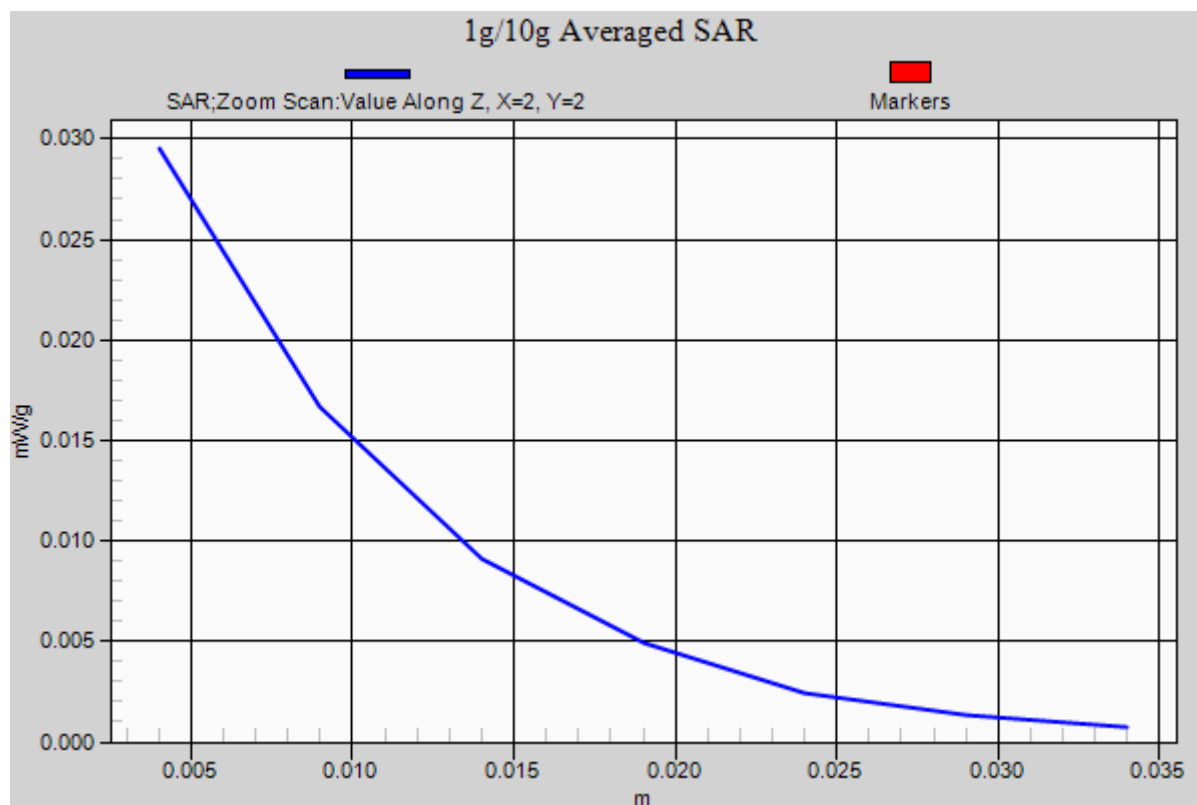
Ch1/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.473 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.049 mW/g

SAR(1 g) = 0.028 mW/g; SAR(10 g) = 0.016 mW/g

Maximum value of SAR (measured) = 0.0295 mW/g



#24 WLAN2.4G_802.11g_Bottom_0cm_Ch6_Ant 0**DUT: 241902**

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

Medium: MSL_2450_121019 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.95$ mho/m; $\epsilon_r = 53.846$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3801; ConvF(6.59, 6.59, 6.59); Calibrated: 2012/6/22;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch6/Area Scan (131x161x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.0228 mW/g

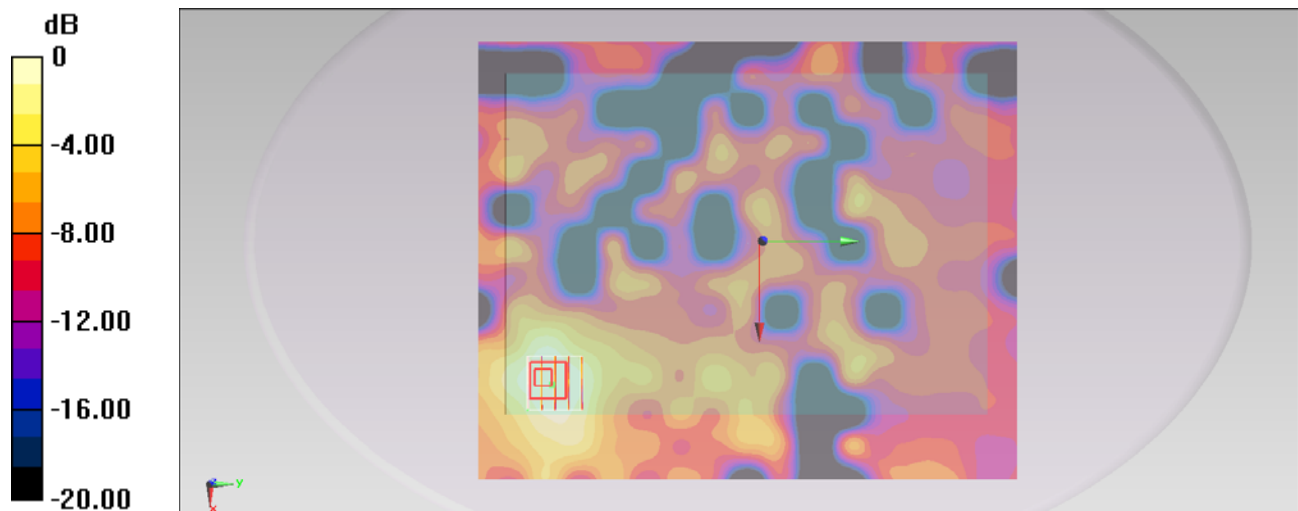
Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.938 V/m; Power Drift = -0.049 dB

Peak SAR (extrapolated) = 0.032 mW/g

SAR(1 g) = 0.020 mW/g; SAR(10 g) = 0.012 mW/g

Maximum value of SAR (measured) = 0.0214 mW/g



0 dB = 0.0214 mW/g = -33.39 dB mW/g

#20 WLAN2.4G_802.11n_Bottom_0cm_Ch6_Ant 0+1**DUT: 241902**

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

Medium: MSL_2450_121011 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.996$ mho/m; $\epsilon_r = 53.979$; ρ $= 1000$ kg/m³

Ambient Temperature : 22.2 °C ; Liquid Temperature : 21.2 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3305; ConvF(4.28, 4.28, 4.28); Calibrated: 2012/9/12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch6/Area Scan (131x161x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 0.00635 mW/g

Ch6/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.065 V/m; Power Drift = -0.040 dB

Peak SAR (extrapolated) = 0.015 mW/g

SAR(1 g) = 0.00323 mW/g; SAR(10 g) = 0.000913 mW/g

Maximum value of SAR (measured) = 0.00288 mW/g

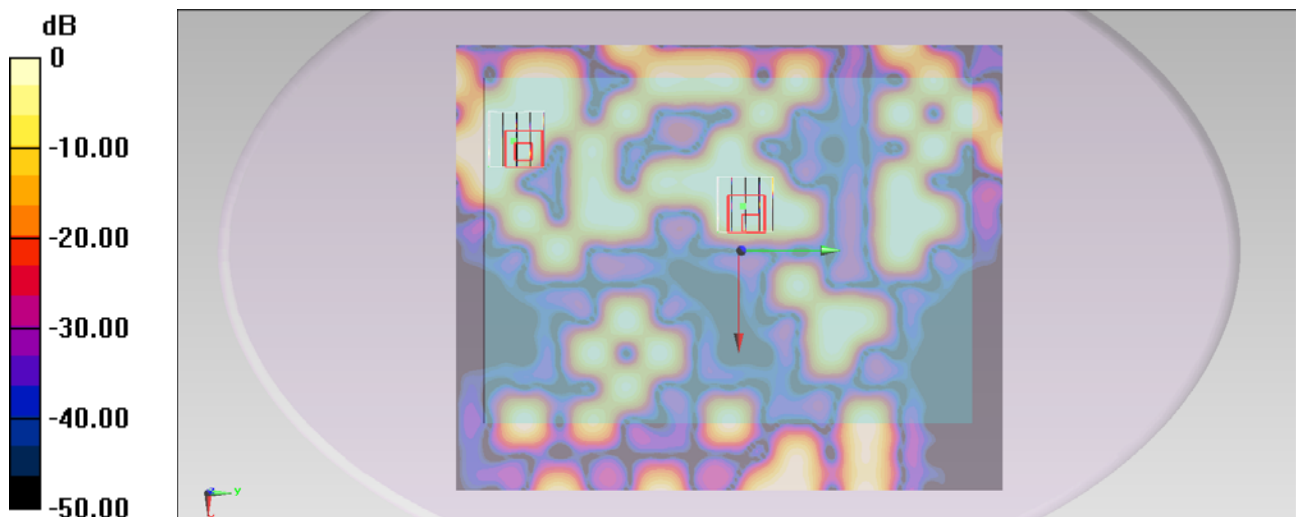
Ch6/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.065 V/m; Power Drift = -0.040 dB

Peak SAR (extrapolated) = 0.00986 mW/g

SAR(1 g) = 0.00199 mW/g; SAR(10 g) = 0.000652 mW/g

Maximum value of SAR (measured) = 0.00190 mW/g



0 dB = 0.00190 mW/g = -54.42 dB mW/g

#01 WLAN5G_802.11a_Bottom_0cm_Ch44_Ant 0**DUT: 241902**

Communication System: 802.11a; Frequency: 5220 MHz; Duty Cycle: 1:1.5

Medium: MSL_5G_120516 Medium parameters used : $f = 5220$ MHz; $\sigma = 5.192$ mho/m; $\epsilon_r = 48.457$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/11/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch44/Area Scan (261x321x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.0636 mW/g

Ch44/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.952 V/m; Power Drift = -0.116 dB

Peak SAR (extrapolated) = 0.141 mW/g

SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.0059 mW/g

Maximum value of SAR (measured) = 0.0244 mW/g

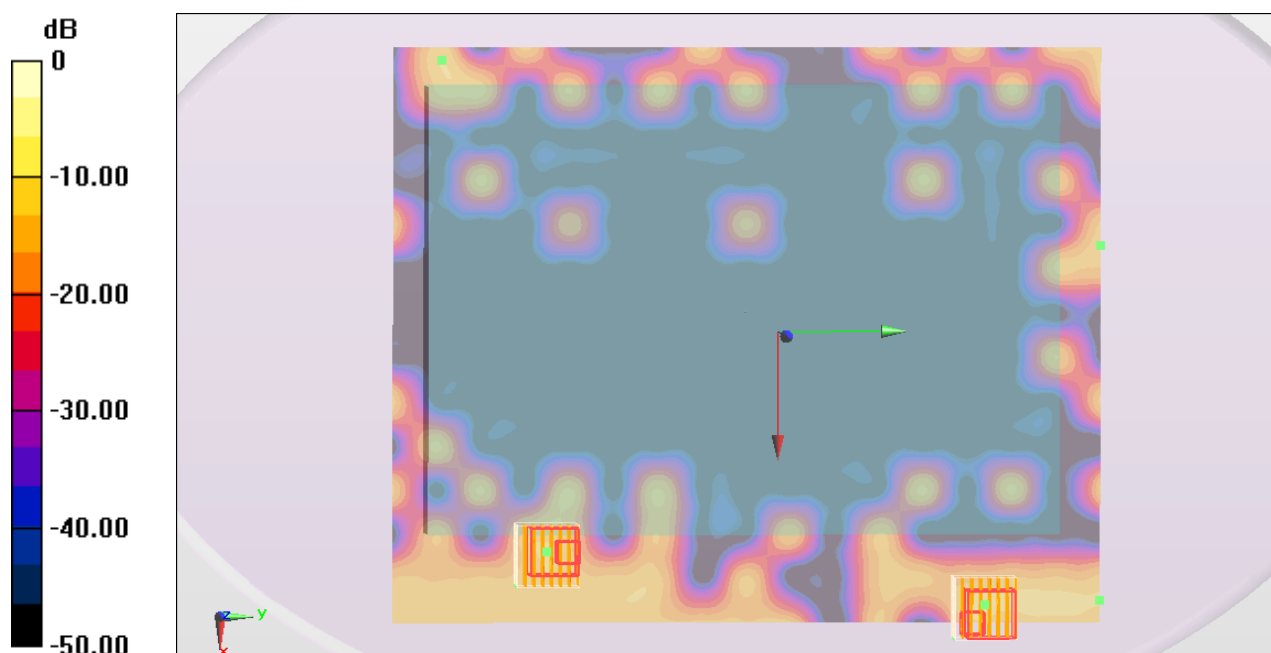
Ch44/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.952 V/m; Power Drift = -0.116 dB

Peak SAR (extrapolated) = 0.382 mW/g

SAR(1 g) = 0.000714 mW/g; SAR(10 g) = 3.41e-005 mW/g

Maximum value of SAR (measured) = 0.382 mW/g



#01 WLAN5G_802.11a_Bottom_0cm_Ch44_Ant 0_2D**DUT: 241902**

Communication System: 802.11a; Frequency: 5220 MHz; Duty Cycle: 1:1.5

Medium: MSL_5G_120516 Medium parameters used : $f = 5220$ MHz; $\sigma = 5.192$ mho/m; $\epsilon_r = 48.457$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/11/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch44/Area Scan (261x321x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.0636 mW/g

Ch44/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.952 V/m; Power Drift = -0.116 dB

Peak SAR (extrapolated) = 0.141 mW/g

SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.0059 mW/g

Maximum value of SAR (measured) = 0.0244 mW/g

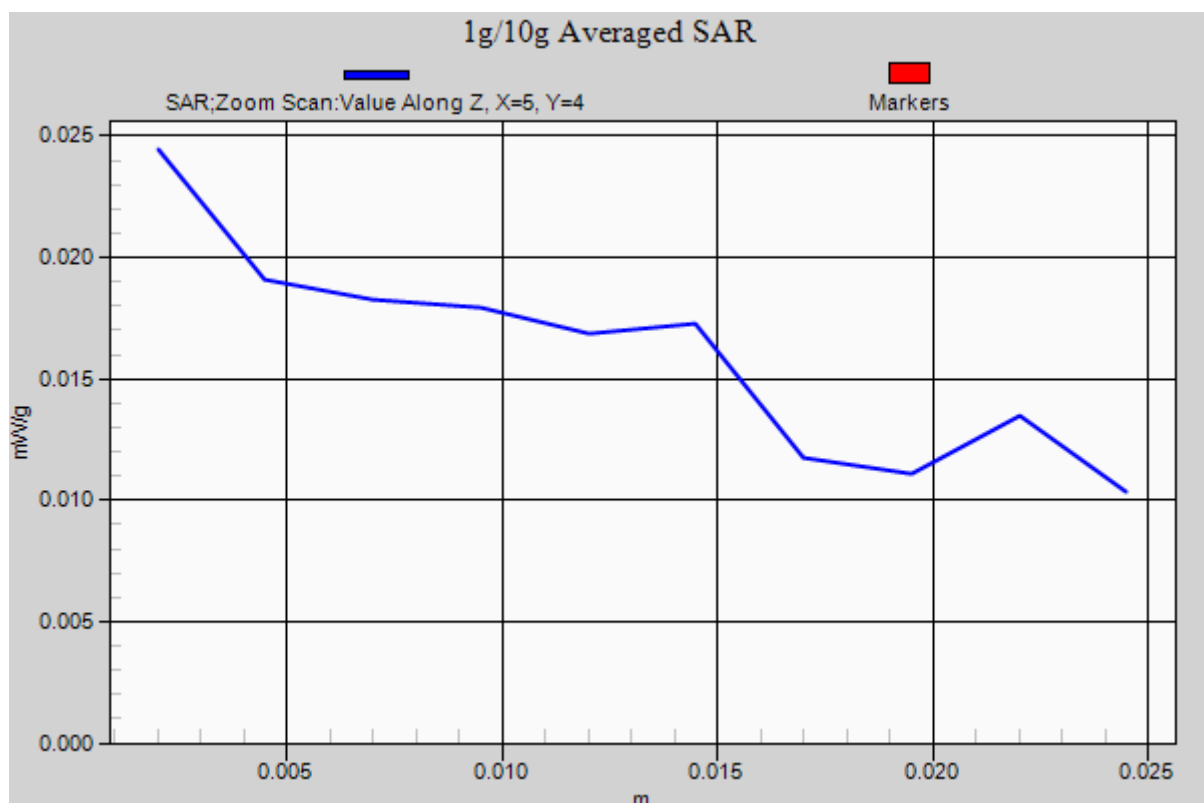
Ch44/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.952 V/m; Power Drift = -0.116 dB

Peak SAR (extrapolated) = 0.382 mW/g

SAR(1 g) = 0.000714 mW/g; SAR(10 g) = 3.41e-005 mW/g

Maximum value of SAR (measured) = 0.382 mW/g



#07 WLAN5G_802.11n(20M)_Bottom_0cm_Ch36_Ant 0+1**DUT: 241902**

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

Medium: MSL_5G_120516 Medium parameters used: $f = 5180$ MHz; $\sigma = 5.134$ mho/m; $\epsilon_r = 48.523$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.48, 4.48, 4.48); Calibrated: 2011/11/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch36/Area Scan (241x321x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.0683 mW/g

Ch36/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.830 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.239 mW/g

SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00464 mW/g

Maximum value of SAR (measured) = 0.239 mW/g

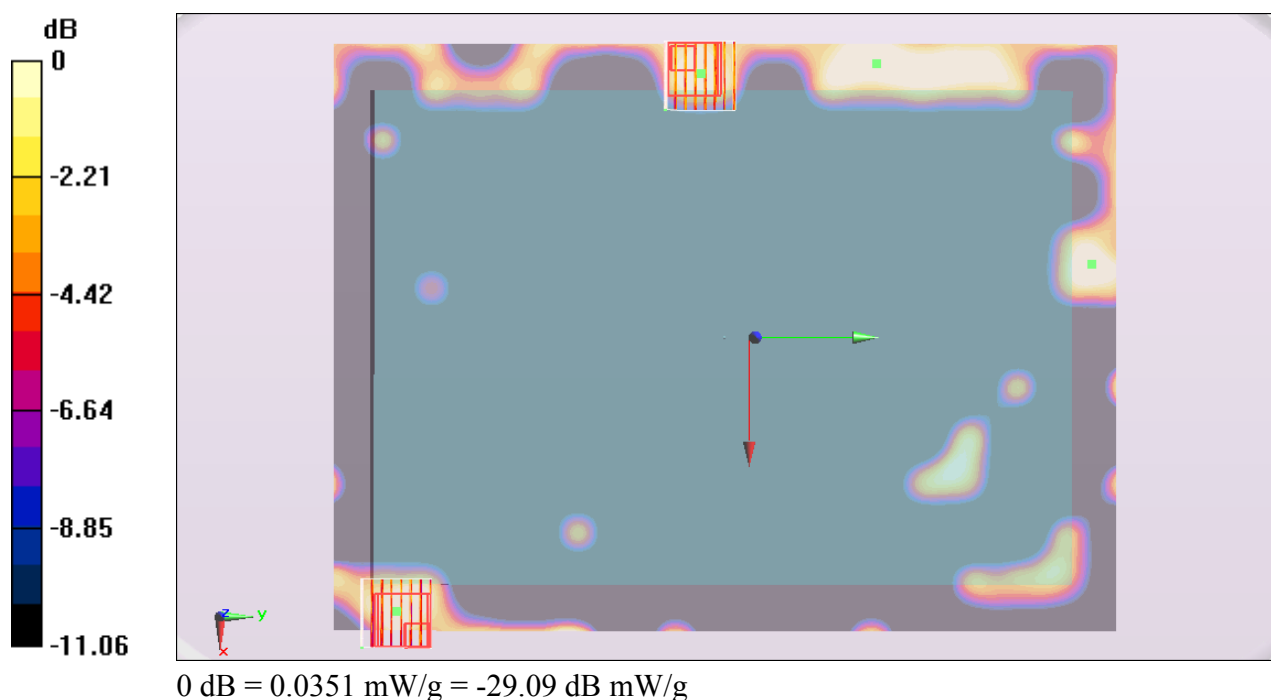
Ch36/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.830 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.109 mW/g

SAR(1 g) = 0.00947 mW/g; SAR(10 g) = 0.00332 mW/g

Maximum value of SAR (measured) = 0.0351 mW/g



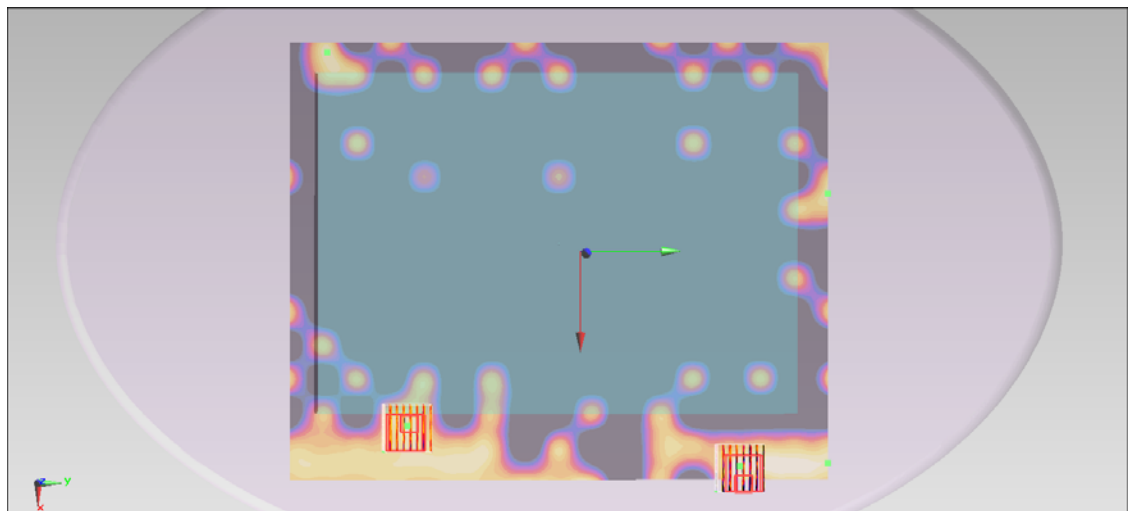
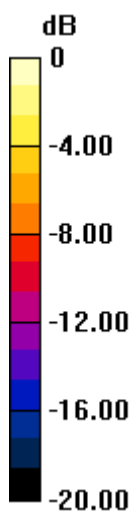
#25 WLAN5G_802.11n(40M)_Bottom_0cm_Ch46_Ant 0+1**DUT: 241902**

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

Medium: MSL_5G_121019 Medium parameters used : $f = 5230$ MHz; $\sigma = 5.346$ mho/m; $\epsilon_r = 49.143$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.3°C ; Liquid Temperature : 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch46/Area Scan (261x321x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (interpolated) = 0.0564 mW/g **Ch46/Zoom Scan (8x8x10)/Cube 1:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$ Reference Value = 1.773 V/m ; Power Drift = 0.089 dB Peak SAR (extrapolated) = 0.112 mW/g **SAR(1 g) = 0.00116 mW/g ; SAR(10 g) = 0.000305 mW/g** Maximum value of SAR (measured) = 0.112 mW/g **Ch46/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$ Reference Value = 1.773 V/m ; Power Drift = 0.089 dB Peak SAR (extrapolated) = 0.024 mW/g **SAR(1 g) = $4.46\text{e-}005 \text{ mW/g}$; SAR(10 g) = $2.13\text{e-}006 \text{ mW/g}$** Maximum value of SAR (measured) = 0.0522 mW/g  $0 \text{ dB} = 0.0522 \text{ mW/g} = -25.65 \text{ dB mW/g}$

#03 WLAN5G_802.11a_Bottom_0cm_Ch52_Ant 0**DUT: 241902**

Communication System: 802.11a; Frequency: 5260 MHz; Duty Cycle: 1:1.5

Medium: MSL_5G_120516 Medium parameters used : $f = 5260$ MHz; $\sigma = 5.249$ mho/m; $\epsilon_r = 48.381$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.16, 4.16, 4.16); Calibrated: 2011/11/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch52/Area Scan (261x321x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.0608 mW/g

Ch52/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.742 V/m; Power Drift = -0.145 dB

Peak SAR (extrapolated) = 0.199 mW/g

SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.00644 mW/g

Maximum value of SAR (measured) = 0.0639 mW/g

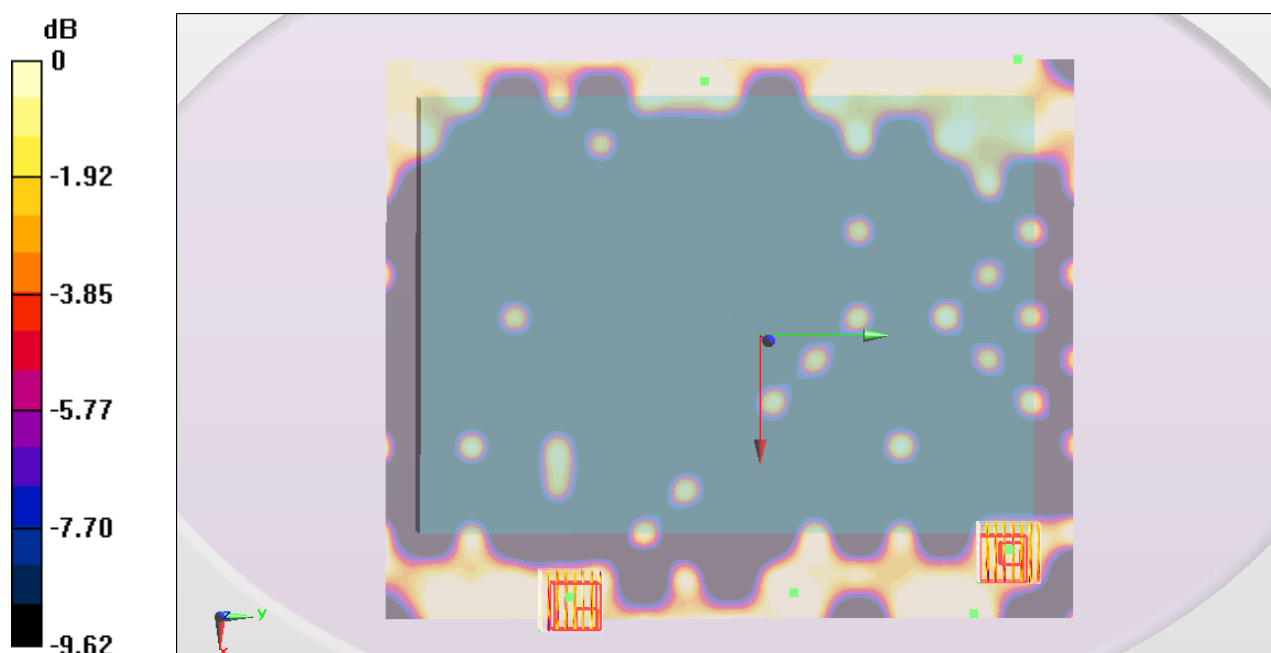
Ch52/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.742 V/m; Power Drift = -0.145 dB

Peak SAR (extrapolated) = 0.122 mW/g

SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.00492 mW/g

Maximum value of SAR (measured) = 0.0230 mW/g



#10 WLAN5G_802.11n(20M)_Bottom_0cm_Ch60_Ant 0+1**DUT: 241902**

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

Medium: MSL_5G_120516 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.301$ mho/m; $\epsilon_r = 48.29$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.16, 4.16, 4.16); Calibrated: 2011/11/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch60/Area Scan (161x321x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.0702 mW/g

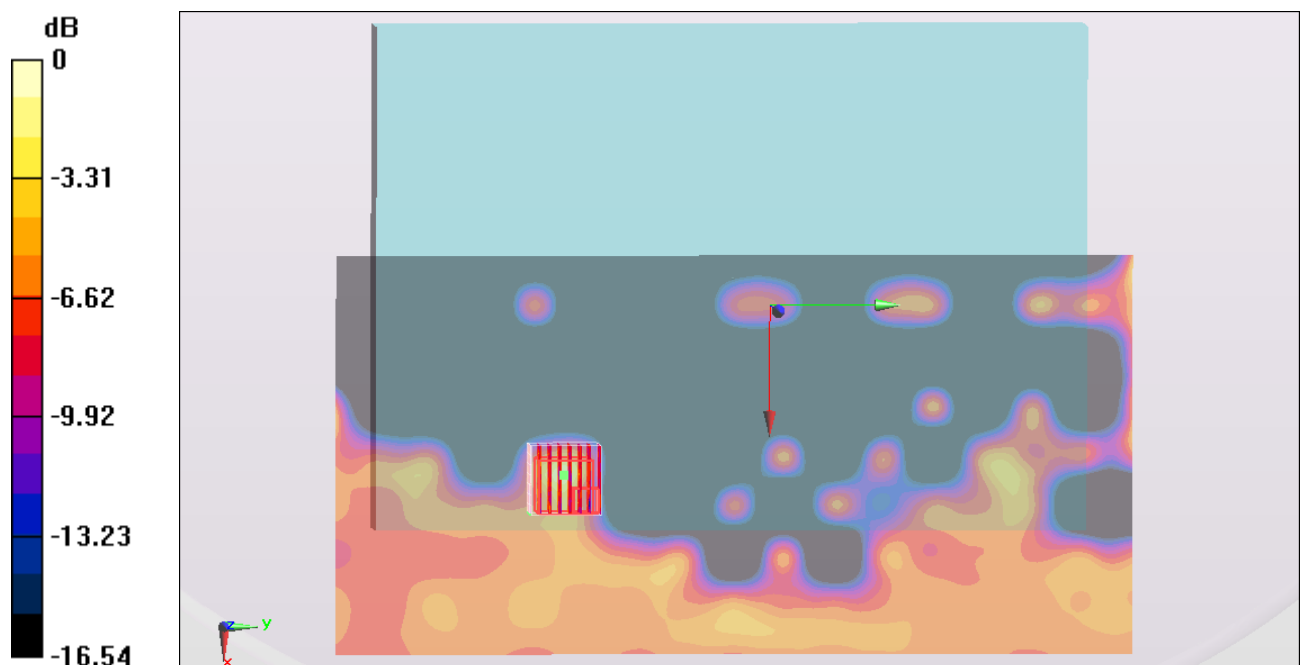
Ch60/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.017 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.121 mW/g

SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.00606 mW/g

Maximum value of SAR (measured) = 0.0959 mW/g



0 dB = 0.0959 mW/g = -20.36 dB mW/g

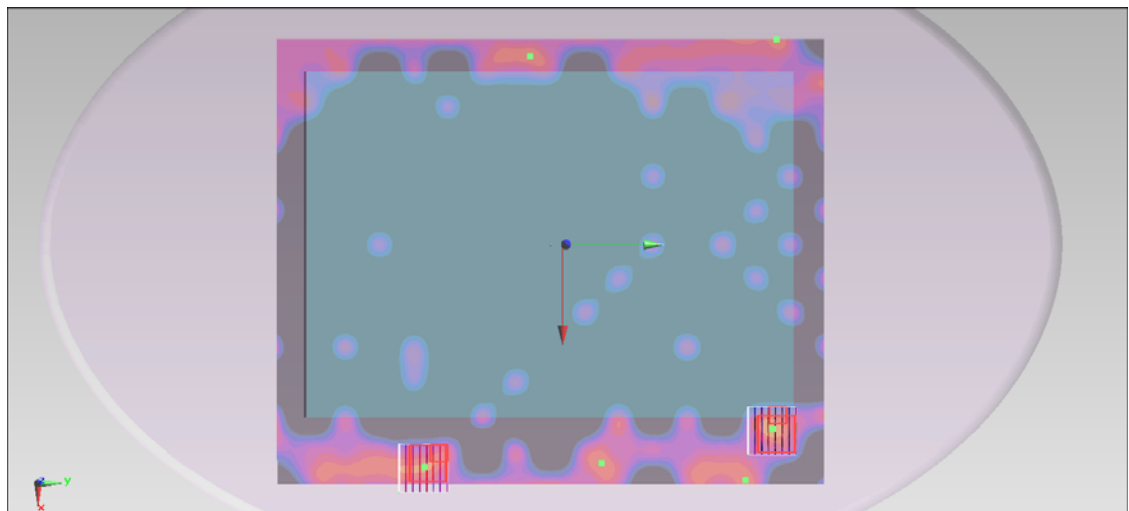
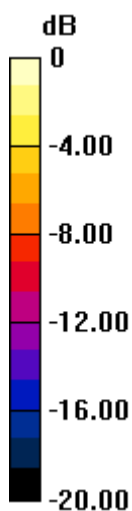
#26 WLAN5G_802.11n(40M)_Bottom_0cm_Ch54_Ant 0+1**DUT: 241902**

Communication System: 802.11n; Frequency: 5270 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121019 Medium parameters used : $f = 5270$ MHz; $\sigma = 5.403$ mho/m; $\epsilon_r = 49.066$; $\rho =$ 1000 kg/m^3 Ambient Temperature : 22.3°C ; Liquid Temperature : 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch54/Area Scan (261x321x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (interpolated) = 0.0510 mW/g **Ch54/Zoom Scan (8x8x10)/Cube 1:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$ Reference Value = 1.550 V/m ; Power Drift = 0.071 dB Peak SAR (extrapolated) = 0.188 mW/g **SAR(1 g) = 0.022 mW/g ; SAR(10 g) = 0.018 mW/g** Maximum value of SAR (measured) = 0.188 mW/g **Ch54/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$ Reference Value = 1.550 V/m ; Power Drift = 0.071 dB Peak SAR (extrapolated) = 0.867 mW/g **SAR(1 g) = 0.018 mW/g ; SAR(10 g) = 0.00242 mW/g** Maximum value of SAR (measured) = 0.228 mW/g  $0 \text{ dB} = 0.228 \text{ mW/g} = -12.84 \text{ dB mW/g}$

#26 WLAN5G_802.11n(40M)_Bottom_0cm_Ch54_Ant 0+1_2D**DUT: 241902**

Communication System: 802.11n; Frequency: 5270 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121019 Medium parameters used : $f = 5270$ MHz; $\sigma = 5.403$ mho/m; $\epsilon_r = 49.066$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3697; ConvF(4.29, 4.29, 4.29); Calibrated: 2012/9/28;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch54/Area Scan (261x321x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.0510 mW/g

Ch54/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.550 V/m; Power Drift = 0.071 dB

Peak SAR (extrapolated) = 0.188 mW/g

SAR(1 g) = 0.022 mW/g; SAR(10 g) = 0.018 mW/g

Maximum value of SAR (measured) = 0.188 mW/g

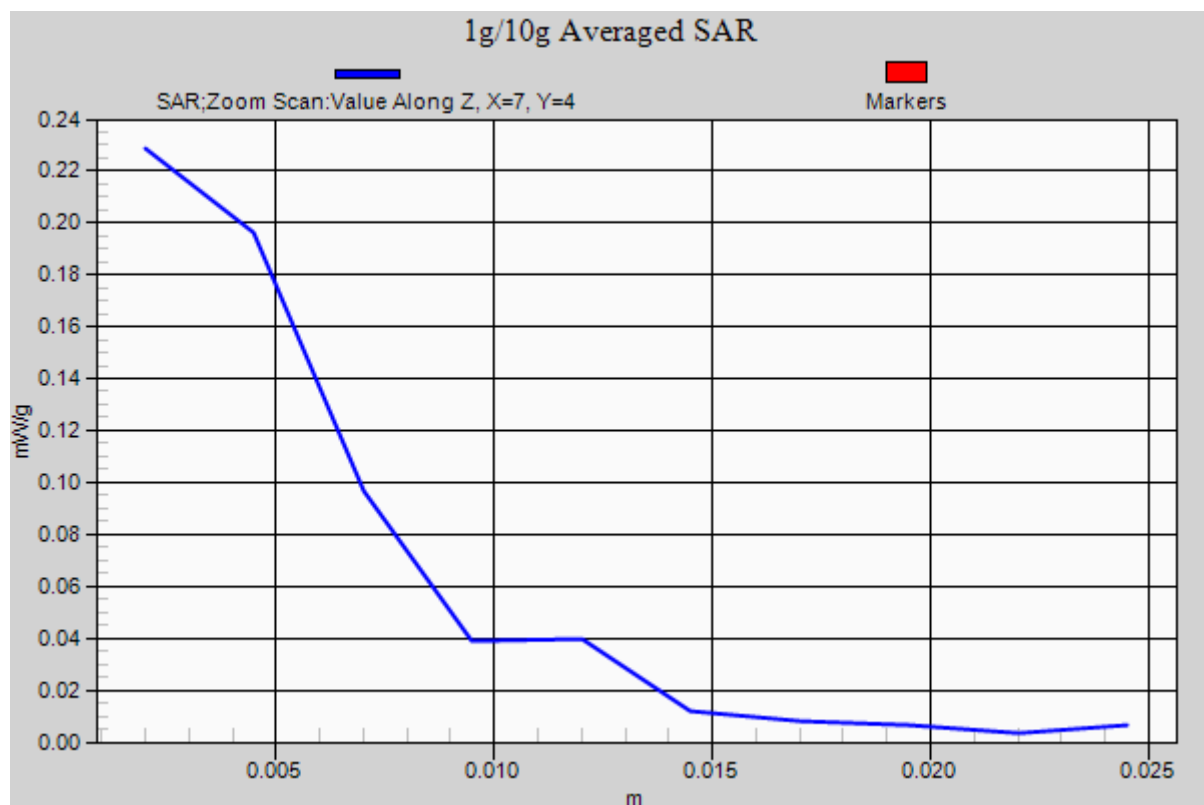
Ch54/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.550 V/m; Power Drift = 0.071 dB

Peak SAR (extrapolated) = 0.867 mW/g

SAR(1 g) = 0.018 mW/g; SAR(10 g) = 0.00242 mW/g

Maximum value of SAR (measured) = 0.228 mW/g



#05 WLAN5G_802.11a_Bottom Face_0cm_Ch108_Ant 0

DUT: 241902

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

Medium: MSL_5G_121008 Medium parameters used : $f = 5540$ MHz; $\sigma = 5.58$ mho/m; $\epsilon_r = 47$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch108/Area Scan (261x321x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.173 mW/g

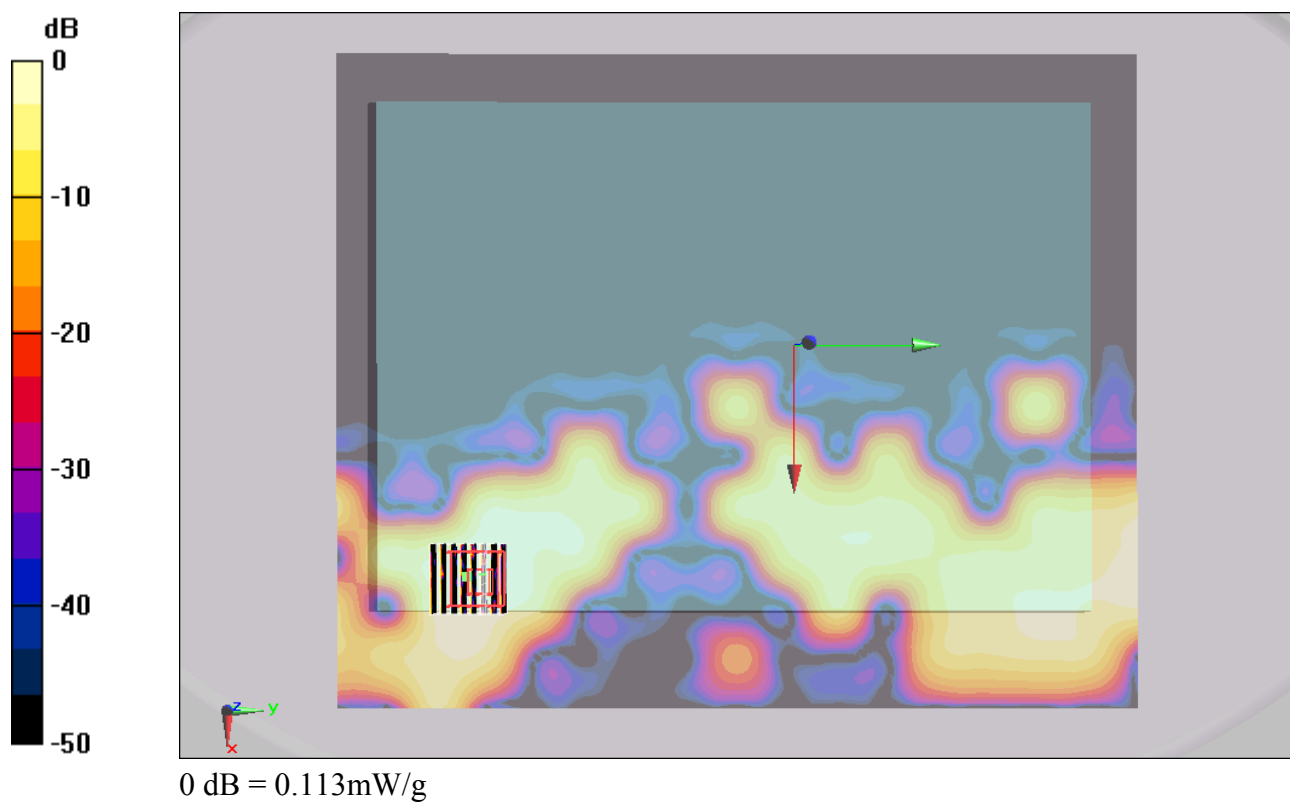
Ch108/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.298 W/kg

SAR(1 g) = 0.048 mW/g; SAR(10 g) = 0.020 mW/g

Maximum value of SAR (measured) = 0.113 mW/g



#05 WLAN5G_802.11a_Bottom Face_0cm_Ch108_Ant 0_2D**DUT: 241902**

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

Medium: MSL_5G_121008 Medium parameters used : $f = 5540$ MHz; $\sigma = 5.58$ mho/m; $\epsilon_r = 47$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch108/Area Scan (261x321x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.173 mW/g

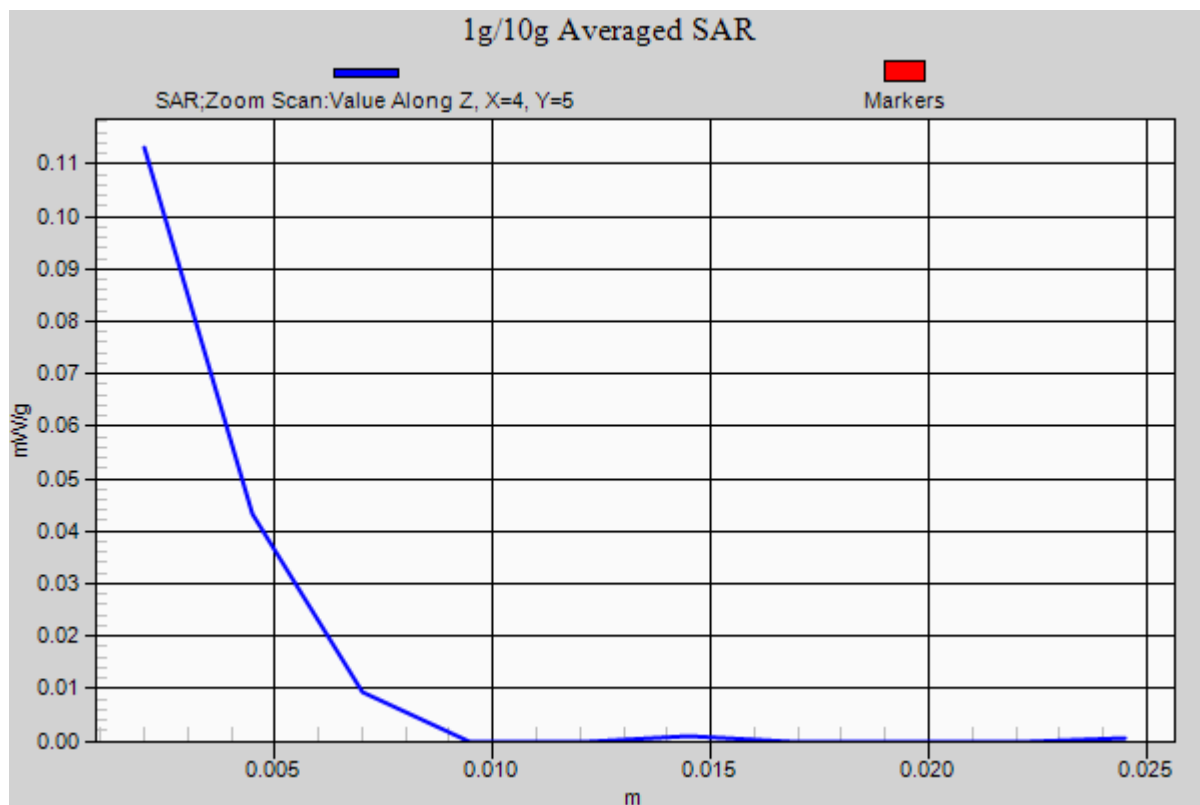
Ch108/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.298 W/kg

SAR(1 g) = 0.048 mW/g; SAR(10 g) = 0.020 mW/g

Maximum value of SAR (measured) = 0.113 mW/g



#13 WLAN5G_802.11n(20M)_Bottom_0cm_Ch116_Ant 0+1**DUT: 241902**

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

Medium: MSL_5G_120516 Medium parameters used: $f = 5580$ MHz; $\sigma = 5.688$ mho/m; $\epsilon_r = 47.693$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(3.9, 3.9, 3.9); Calibrated: 2011/11/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2011/11/22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP1127
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch116/Area Scan (161x321x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.105 mW/g

Ch116/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.040 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.170 mW/g

SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.00558 mW/g

Maximum value of SAR (measured) = 0.0343 mW/g

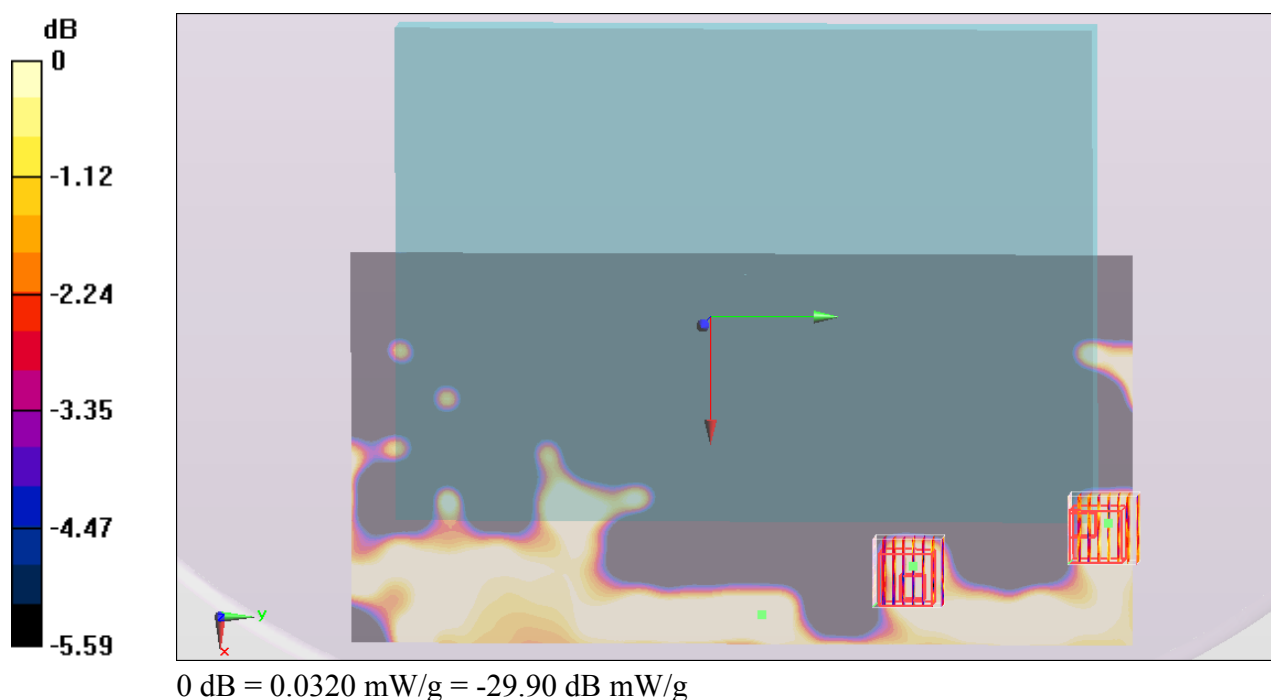
Ch116/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.040 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.167 mW/g

SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.00711 mW/g

Maximum value of SAR (measured) = 0.0320 mW/g



#22 WLAN5G_802.11a_Bottom_0cm_Ch161_Ant 0**DUT: 241902**

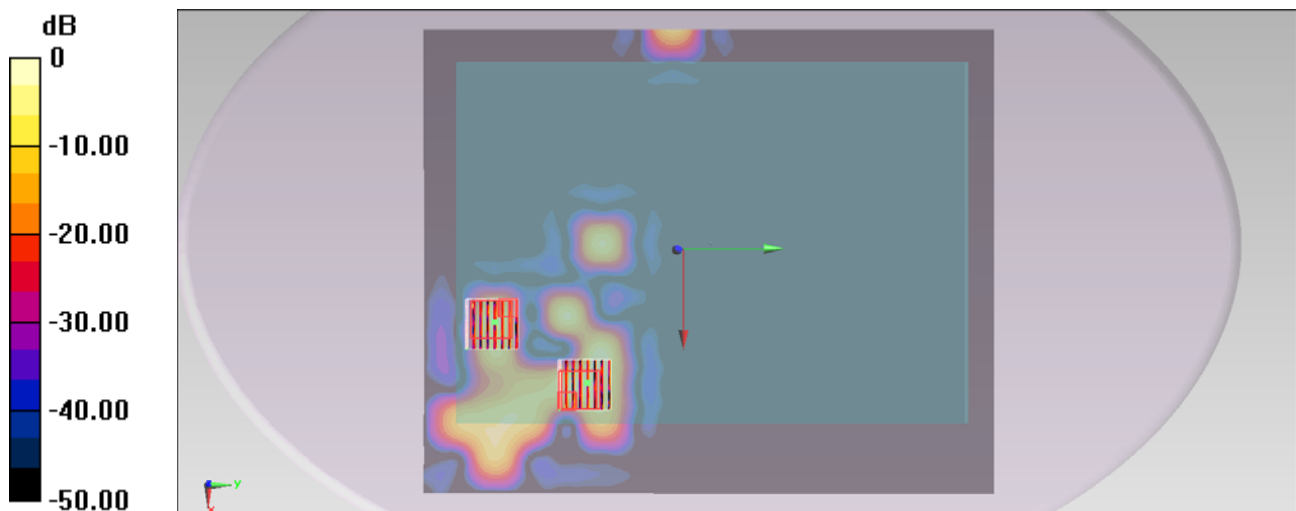
Communication System: 802.11a; Frequency: 5805 MHz; Duty Cycle: 1:1

Medium: MSL_5G_121017 Medium parameters used : $f = 5805$ MHz; $\sigma = 6.121$ mho/m; $\epsilon_r = 47.135$; $\rho = 1000$ 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: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1279; Calibrated: 2012/5/3
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Ch161/Area Scan (261x321x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.462 mW/g**Ch161/Zoom Scan (8x8x10)/Cube 1:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.001 dB
Peak SAR (extrapolated) = 0.740 mW/g
SAR(1 g) = 0.0346 mW/g; SAR(10 g) = 0.00534 mW/g
Maximum value of SAR (measured) = 0.740 mW/g**Ch161/Zoom Scan (8x8x10)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.001 dB
Peak SAR (extrapolated) = 1.038 mW/g
SAR(1 g) = 0.0199 mW/g; SAR(10 g) = 0.00266 mW/g
Maximum value of SAR (measured) = 1.04 mW/g

0 dB = 1.04 mW/g = 0.34 dB mW/g

#15 WLAN5G_802.11n(20M)_Bottom_0cm_Ch165_Ant 0+1

DUT: 241902

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

Medium: MSL_5G_121008 Medium parameters used : $f = 5825 \text{ MHz}$; $\sigma = 6.05 \text{ mho/m}$; $\epsilon_r = 46.5$; $\rho = 1000 \text{ kg/m}^3$

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch165/Area Scan (261x321x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (interpolated) = 0.240 mW/g

Ch165/Zoom Scan (8x8x10)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 0.292 V/m ; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.266 W/kg

SAR(1 g) = 0.090 mW/g ; SAR(10 g) = 0.036 mW/g

Maximum value of SAR (measured) = 0.230 mW/g

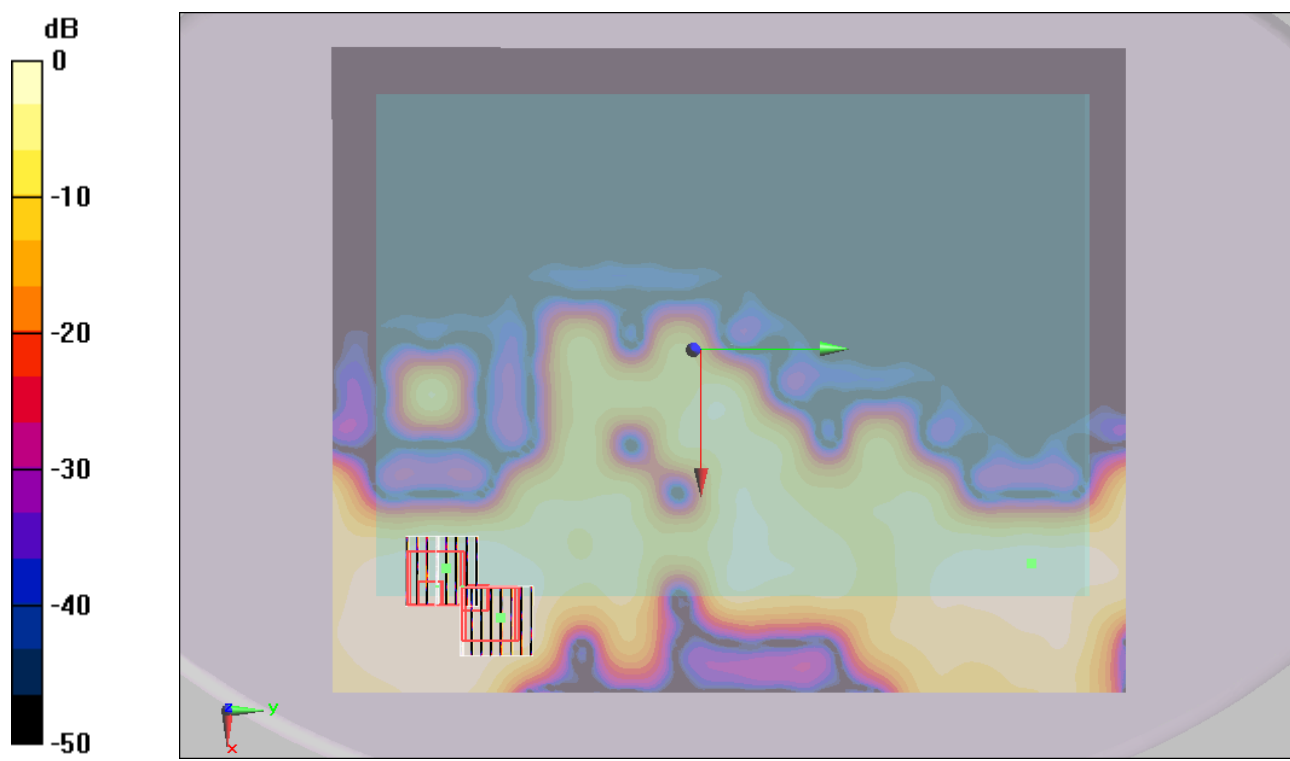
Ch165/Zoom Scan (8x8x10)/Cube 1: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2.5\text{mm}$

Reference Value = 0.292 V/m ; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.322 W/kg

SAR(1 g) = 0.060 mW/g ; SAR(10 g) = 0.023 mW/g

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



0 dB = 0.185mW/g

#15 WLAN5G_802.11n(20M)_Bottom_0cm_Ch165_Ant 0+1_2D**DUT: 241902**

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

Medium: MSL_5G_121008 Medium parameters used : $f = 5825$ MHz; $\sigma = 6.05$ mho/m; $\epsilon_r = 46.5$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2012/4/23
- Phantom: ELI 4.0_Front; Type: QD 0VA 002 AA; Serial: TP-1131
- Software: DASY5 Version; SEMCAD X Version 13.4 Build 45

Ch165/Area Scan (261x321x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 0.240 mW/g

Ch165/Zoom Scan (8x8x10)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.292 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.266 W/kg

SAR(1 g) = 0.090 mW/g; SAR(10 g) = 0.036 mW/g

Maximum value of SAR (measured) = 0.230 mW/g

Ch165/Zoom Scan (8x8x10)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.292 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.322 W/kg

SAR(1 g) = 0.060 mW/g; SAR(10 g) = 0.023 mW/g

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

