Appendix B. Plots of SAR Measurement

The plots are shown as follows.

#20_WLAN2.4G_802.11b_Bottom Face_0cm_Ch1

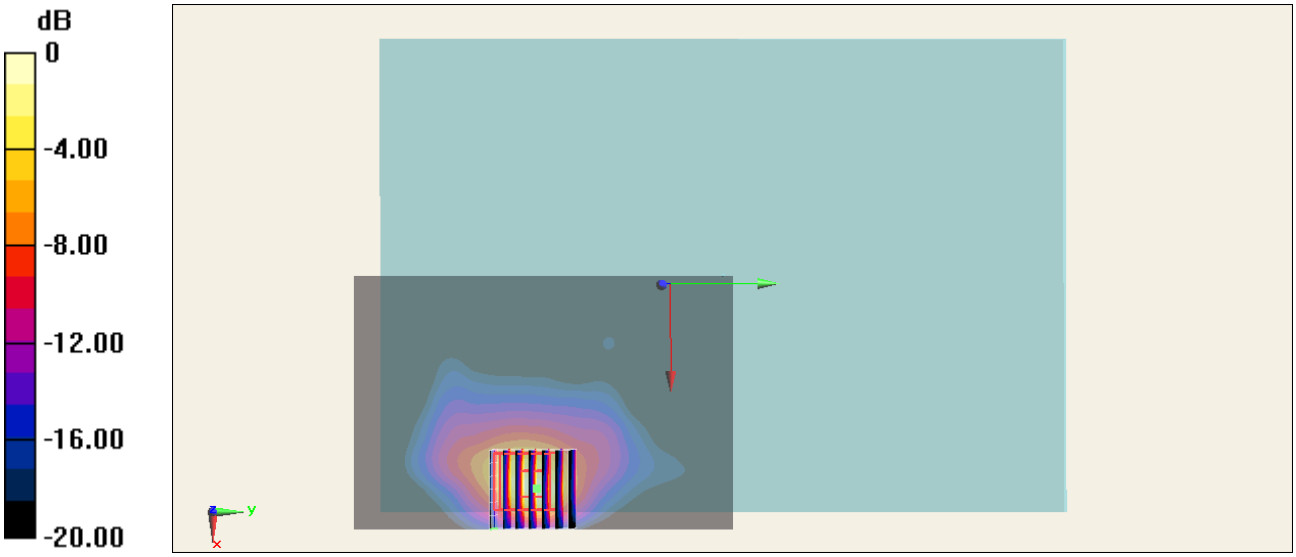
DUT: 322823

Communication System: 802.11b; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130326 Medium parameters used: f = 2412 MHz; σ = 1.959 mho/m; ε_r = 53.951; ρ = 1000 kg/m^3
Ambient Temperature：22.4℃； Liquid Temperature：21.4℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (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/Ch1/Area Scan (81x121x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 1.78 mW/g

Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 30.099 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 2.893 mW/g
SAR(1 g) = 1.05 mW/g; SAR(10 g) = 0.380 mW/g
Maximum value of SAR (measured) = 1.77 mW/g



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

#24_WLAN2.4G_802.11b_Bottom Face_0cm_Ch1;Repeat

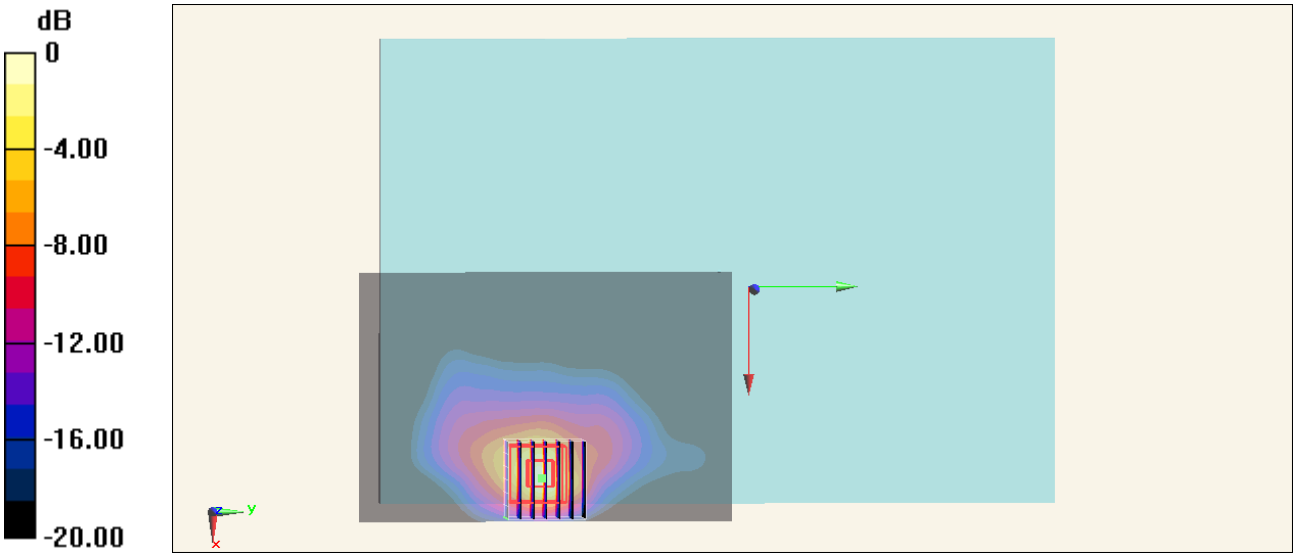
DUT: 322823

Communication System: 802.11b; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130326 Medium parameters used: f = 2412 MHz; σ = 1.959 mho/m; ε_r = 53.951; ρ = 1000 kg/m^3
Ambient Temperature：22.4℃; Liquid Temperature：21.4℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (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/Ch1/Area Scan (81x121x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 1.53 mW/g

Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 29.868 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 2.622 mW/g
SAR(1 g) = 0.961 mW/g; SAR(10 g) = 0.352 mW/g
Maximum value of SAR (measured) = 1.68 mW/g



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

#21_WLAN2.4G_802.11b_Bottom Face_0cm_Ch6

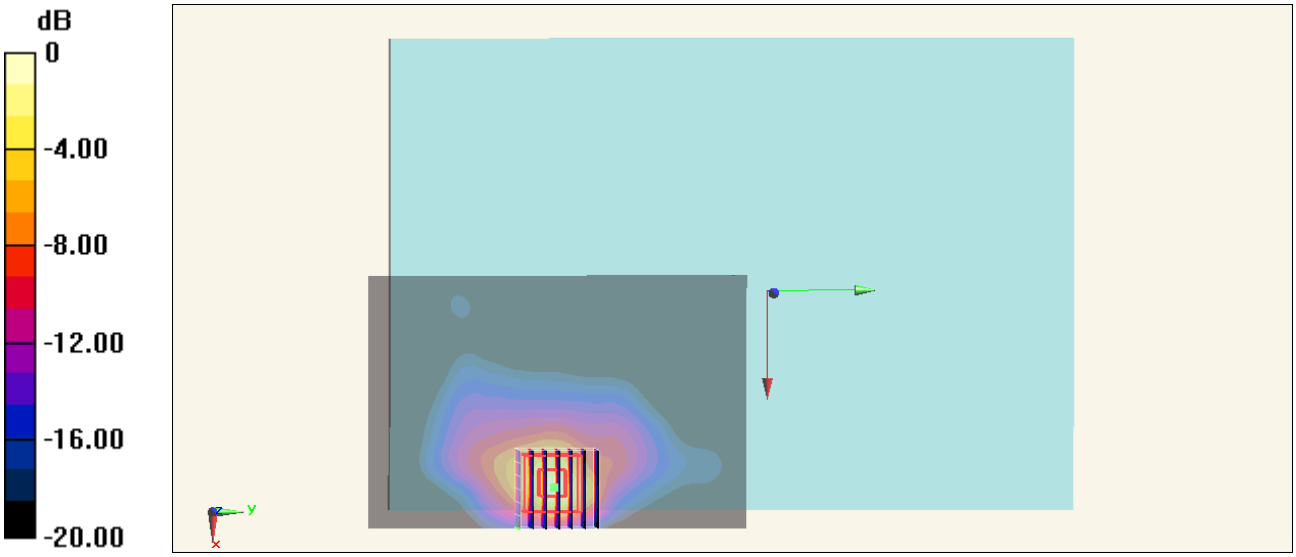
DUT: 322823

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130326 Medium parameters used: f = 2437 MHz; σ = 1.996 mho/m; ε_r = 53.88; ρ = 1000 kg/m^3
Ambient Temperature：22.4℃； Liquid Temperature：21.4℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (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/Ch6/Area Scan (81x121x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 1.53 mW/g

Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 28.375 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 2.465 mW/g
SAR(1 g) = 0.901 mW/g; SAR(10 g) = 0.329 mW/g
Maximum value of SAR (measured) = 1.58 mW/g



0 dB = 1.58 mW/g = 3.97 dB mW/g

#22_WLAN2.4G_802.11b_Bottom Face_0cm_Ch11

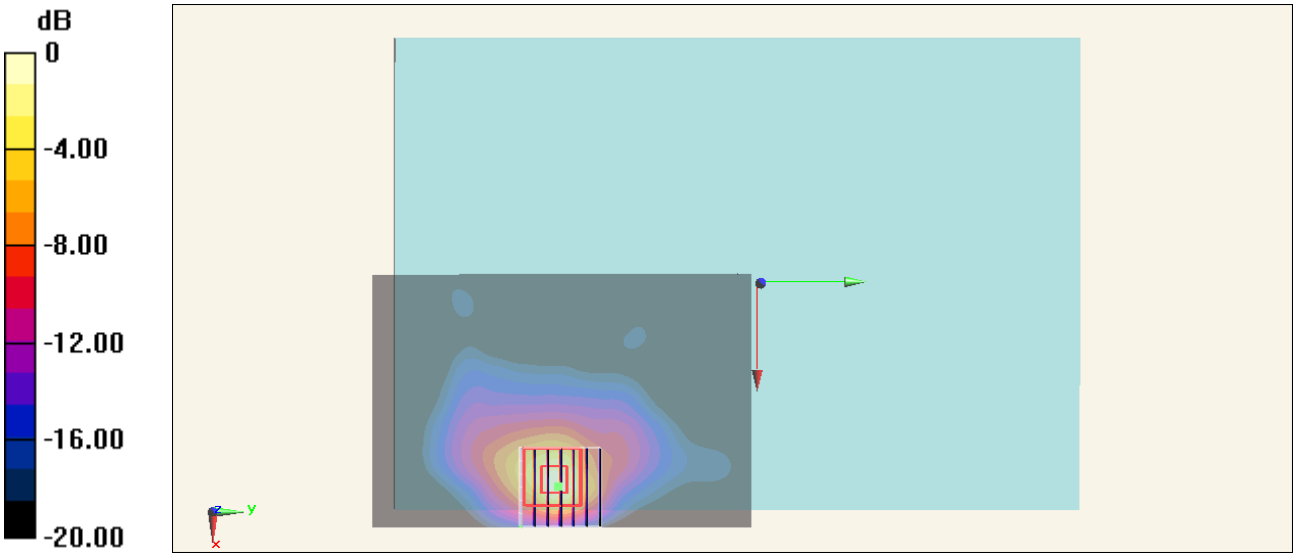
DUT: 322823

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130326 Medium parameters used: f = 2462 MHz; σ = 2.032 mho/m; ε_r = 53.846; ρ = 1000 kg/m^3
Ambient Temperature：22.4℃； Liquid Temperature：21.4℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (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/Ch11/Area Scan (81x121x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 1.35 mW/g

Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.757 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 2.335 mW/g
SAR(1 g) = 0.832 mW/g; SAR(10 g) = 0.301 mW/g
Maximum value of SAR (measured) = 1.36 mW/g



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

#23_WLAN2.4G_802.11b_Edge 1_0cm_Ch1

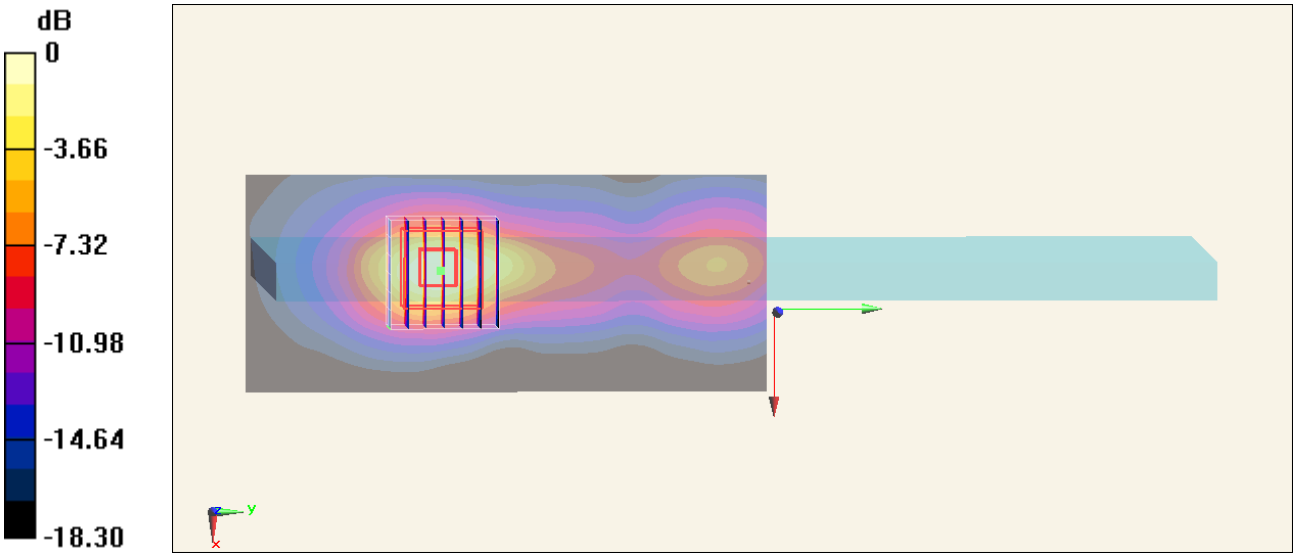
DUT: 322823

Communication System: 802.11b; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130326 Medium parameters used: f = 2412 MHz; σ = 1.959 mho/m; ε_r = 53.951; ρ = 1000 kg/m^3
Ambient Temperature：22.4℃； Liquid Temperature：21.4℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(7.1, 7.1, 7.1); Calibrated: 2012/6/21;
- Sensor-Surface: 2mm (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/Ch1/Area Scan (51x121x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.803 mW/g

Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.450 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.022 mW/g
SAR(1 g) = 0.478 mW/g; SAR(10 g) = 0.214 mW/g
Maximum value of SAR (measured) = 0.733 mW/g



0 dB = 0.733 mW/g = -2.70 dB mW/g

#28_WLAN2.4G_802.11b_Curved surface of Edge1_0cm_Ch1

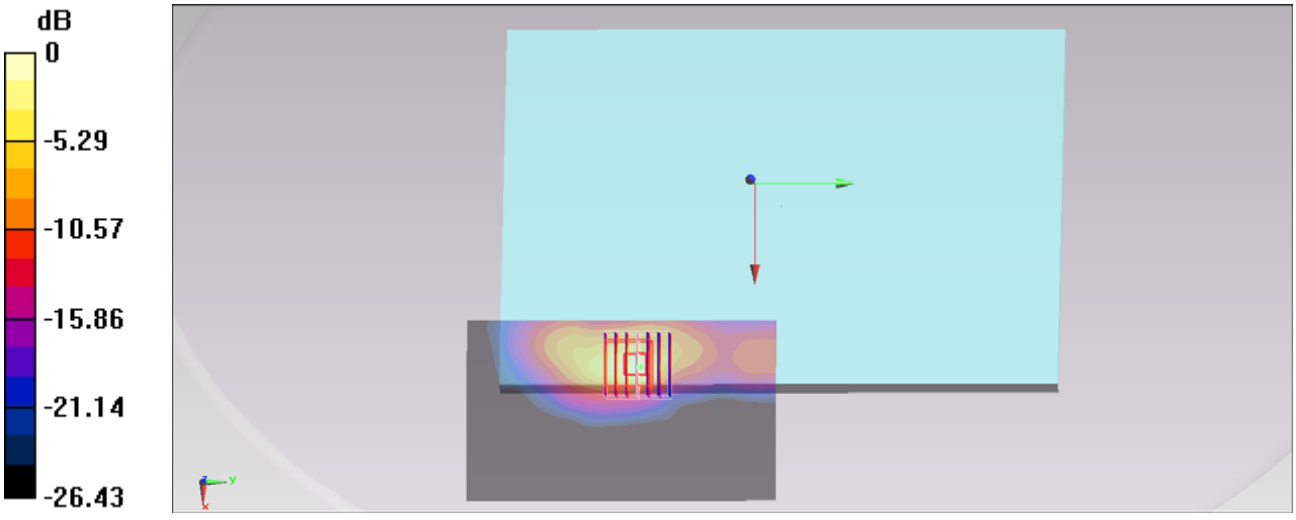
DUT: 322823

Communication System: 802.11b; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130403 Medium parameters used: f = 2412 MHz; σ = 1.914 mho/m; ε_r = 51.666; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch1/Area Scan (71x121x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 1.10 mW/g

Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 26.209 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 2.385 mW/g
SAR(1 g) = 0.854 mW/g; SAR(10 g) = 0.309 mW/g
Maximum value of SAR (measured) = 1.24 mW/g



0 dB = 1.24 mW/g = 1.87 dB mW/g

#29_WLAN2.4G_802.11b_Curved surface of Edge1_0cm_Ch6

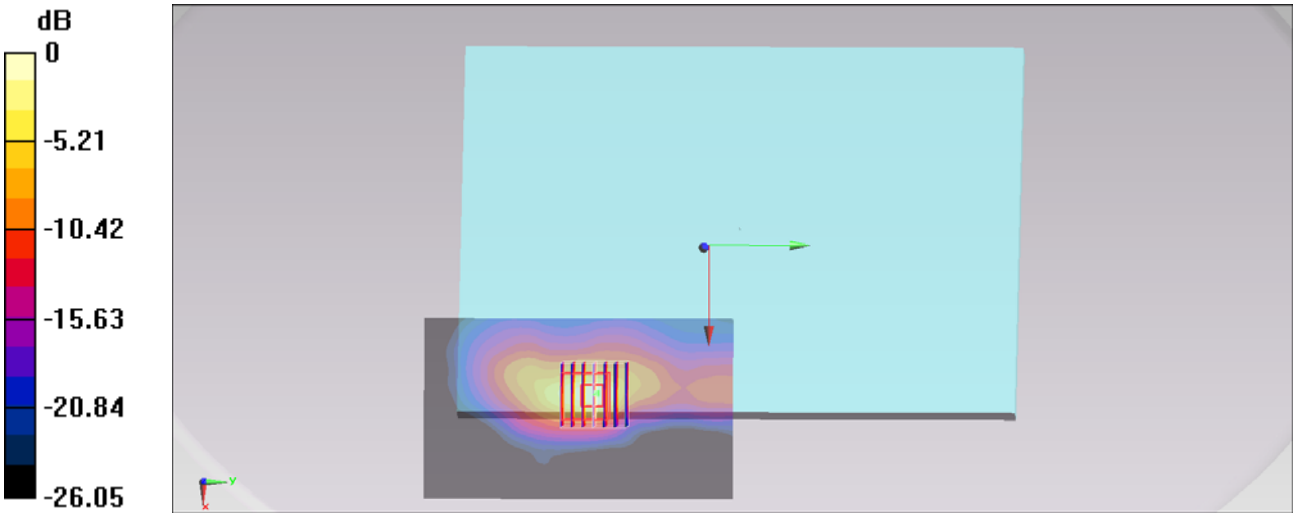
DUT: 322823

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130403 Medium parameters used: f = 2437 MHz; σ = 1.946 mho/m; ε_r = 51.582; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch6/Area Scan (71x121x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 1.15 mW/g

Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 25.660 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 2.320 mW/g
SAR(1 g) = 0.836 mW/g; SAR(10 g) = 0.300 mW/g
Maximum value of SAR (measured) = 1.18 mW/g



0 dB = 1.18 mW/g = 1.44 dB mW/g

#30_WLAN2.4G_802.11b_Curved surface of Edge1_0cm_Ch11

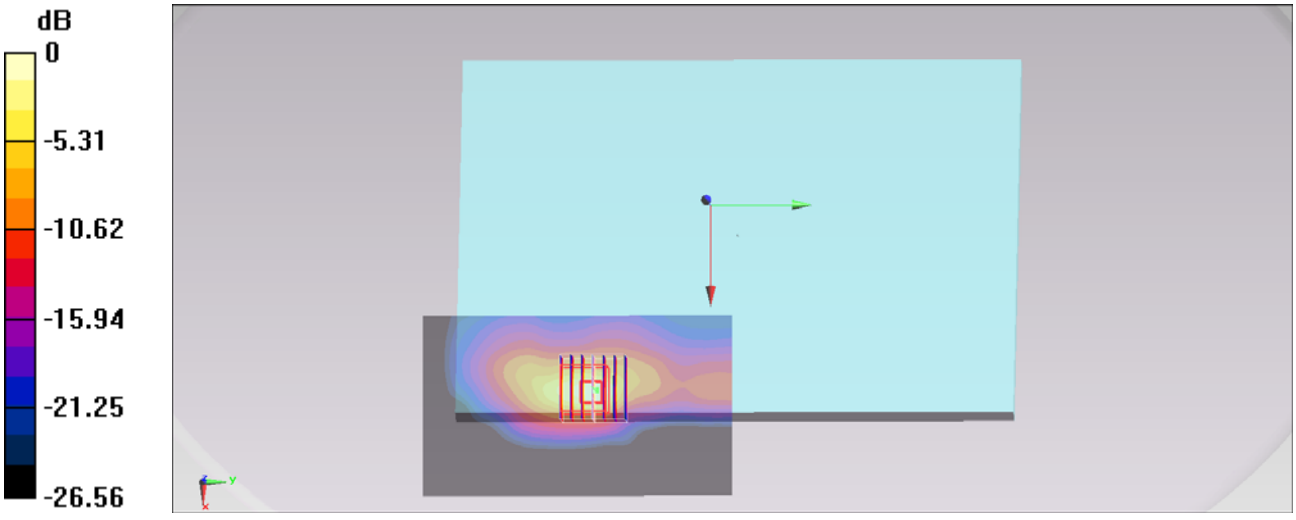
DUT: 322823

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130403 Medium parameters used: f = 2462 MHz; σ = 1.981 mho/m; ε_r = 51.494; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2012/8/27
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6477)

Configuration/Ch11/Area Scan (71x121x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 1.07 mW/g

Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.397 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 2.131 mW/g
SAR(1 g) = 0.765 mW/g; SAR(10 g) = 0.273 mW/g
Maximum value of SAR (measured) = 1.10 mW/g



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

#01_WLAN5G_802.11a_Bottom Face_0cm_Ch44

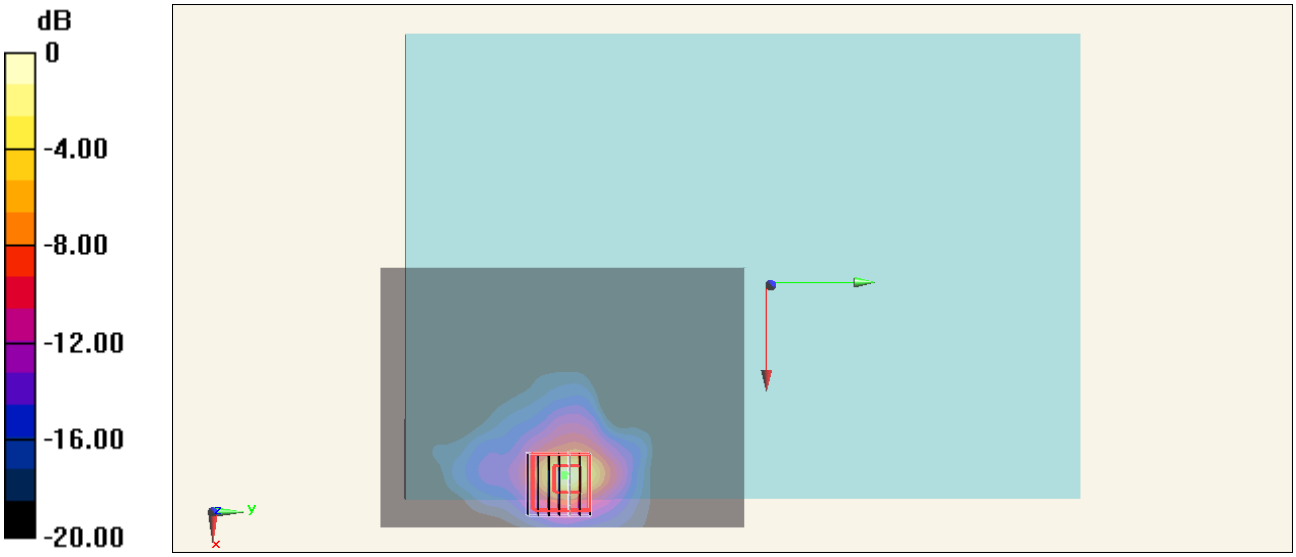
DUT: 322823

Communication System: 802.11a; Frequency: 5220 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130325 Medium parameters used: f = 5220 MHz; σ = 5.297 mho/m; ε_r = 47.434; ρ = 1000 kg/m^3
Ambient Temperature：22.5℃； Liquid Temperature：21.5℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch44/Area Scan (101x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.63 mW/g

Configuration/Ch44/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 21.727 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 3.649 mW/g
SAR(1 g) = 0.651 mW/g; SAR(10 g) = 0.167 mW/g
Maximum value of SAR (measured) = 1.94 mW/g



0 dB = 1.94 mW/g = 5.76 dB mW/g

#05_WLAN5G_802.11a_Bottom Face_0cm_Ch40

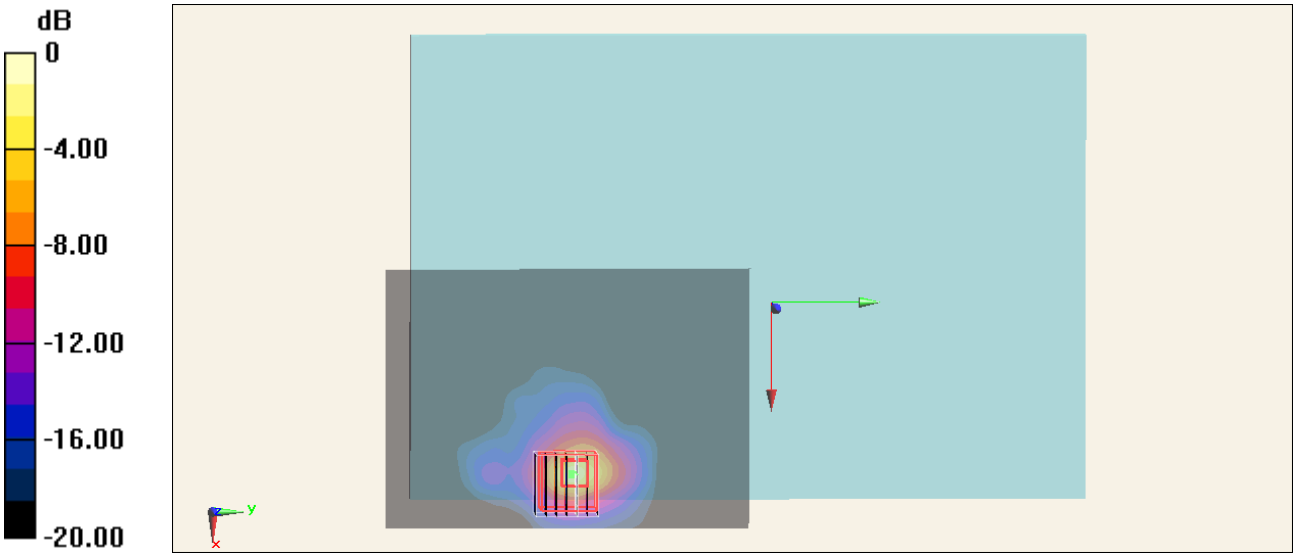
DUT: 322823

Communication System: 802.11a; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130325 Medium parameters used: f = 5200 MHz; σ = 5.284 mho/m; ε_r = 47.499; ρ = 1000 kg/m^3
Ambient Temperature：22.5℃； Liquid Temperature：21.5℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch40/Area Scan (101x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.16 mW/g

Configuration/Ch40/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 19.628 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 2.942 mW/g
SAR(1 g) = 0.556 mW/g; SAR(10 g) = 0.140 mW/g
Maximum value of SAR (measured) = 1.65 mW/g



0 dB = 1.65 mW/g = 4.35 dB mW/g

#02_WLAN5G_802.11a_Edge 1_0cm_Ch44

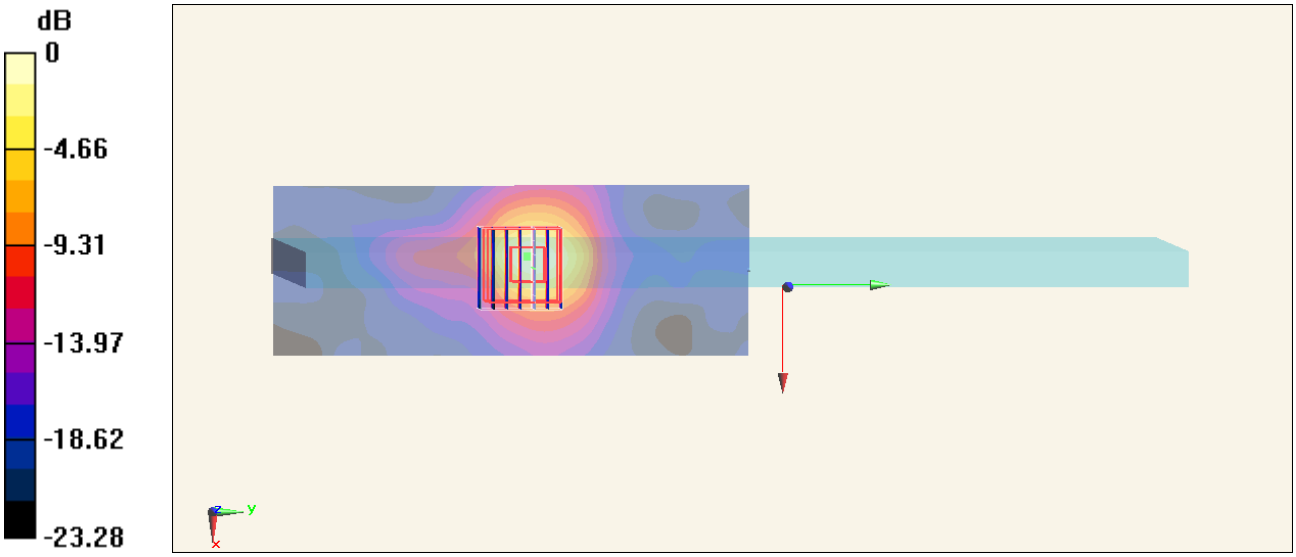
DUT: 322823

Communication System: 802.11a; Frequency: 5220 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130325 Medium parameters used: f = 5220 MHz; σ = 5.297 mho/m; ε_r = 47.434; ρ = 1000 kg/m^3
Ambient Temperature：22.5℃； Liquid Temperature：21.5℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch44/Area Scan (51x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.66 mW/g

Configuration/Ch44/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 19.924 V/m; Power Drift = -0.041 dB
Peak SAR (extrapolated) = 2.810 mW/g
SAR(1 g) = 0.688 mW/g; SAR(10 g) = 0.205 mW/g
Maximum value of SAR (measured) = 1.64 mW/g



0 dB = 1.64 mW/g = 4.30 dB mW/g

#03_WLAN5G_802.11a_Edge 1_0cm_Ch40

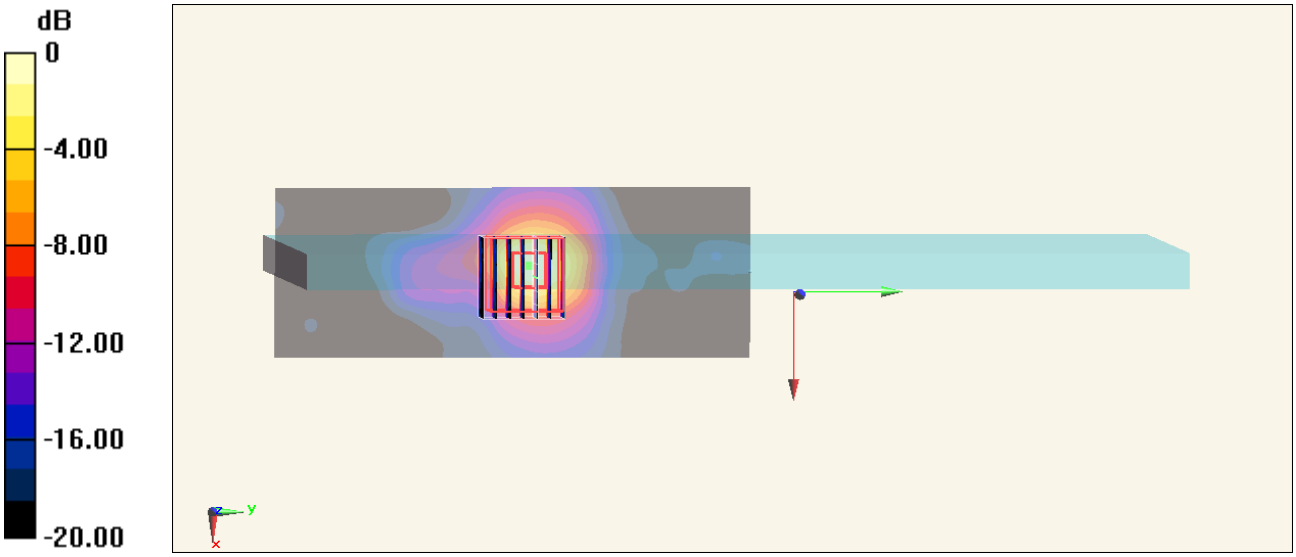
DUT: 322823

Communication System: 802.11a; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130325 Medium parameters used: f = 5200 MHz; σ = 5.284 mho/m; ε_r = 47.499; ρ = 1000 kg/m^3
Ambient Temperature：22.5℃； Liquid Temperature：21.5℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(4.2, 4.2, 4.2); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch40/Area Scan (51x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.76 mW/g

Configuration/Ch40/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 20.320 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 2.883 mW/g
SAR(1 g) = 0.725 mW/g; SAR(10 g) = 0.216 mW/g
Maximum value of SAR (measured) = 1.67 mW/g



0 dB = 1.67 mW/g = 4.45 dB mW/g

#04_WLAN5G_802.11a_Bottom Face_0cm_Ch60

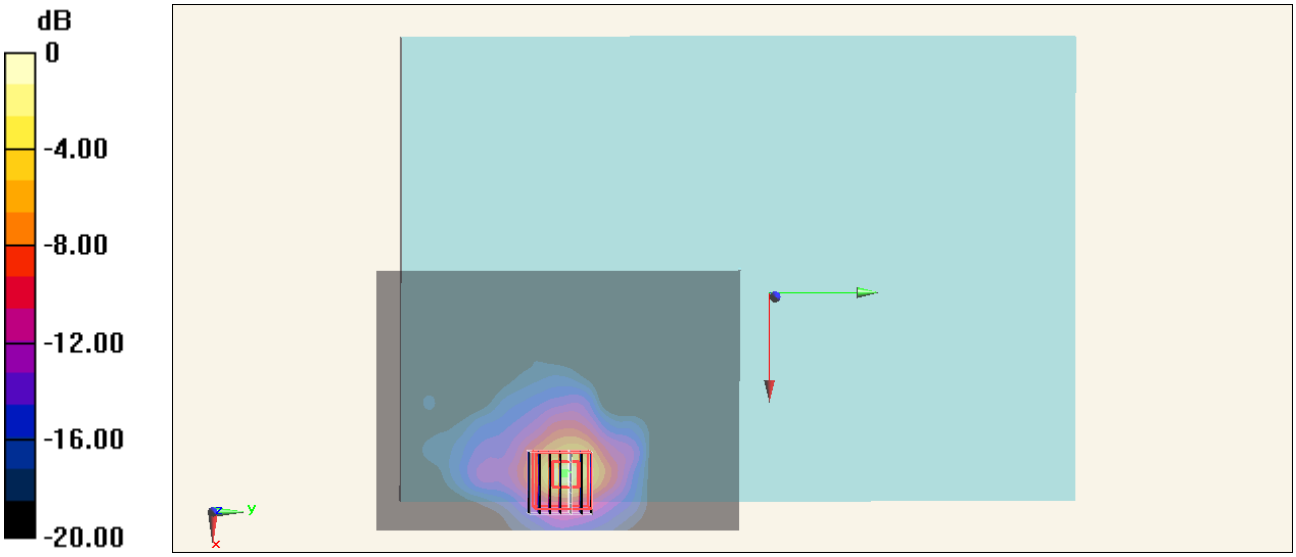
DUT: 322823

Communication System: 802.11a; Frequency: 5300 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130325 Medium parameters used: f = 5300 MHz; σ = 5.422 mho/m; ε_r = 47.242; ρ = 1000 kg/m^3
Ambient Temperature：22.5℃； Liquid Temperature：21.5℃

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/Ch60/Area Scan (101x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.23 mW/g

Configuration/Ch60/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 20.313 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 3.200 mW/g
SAR(1 g) = 0.594 mW/g; SAR(10 g) = 0.159 mW/g
Maximum value of SAR (measured) = 1.74 mW/g



0 dB = 1.74 mW/g = 4.81 dB mW/g

#07_WLAN5G_802.11a_Edge 1_0cm_Ch60

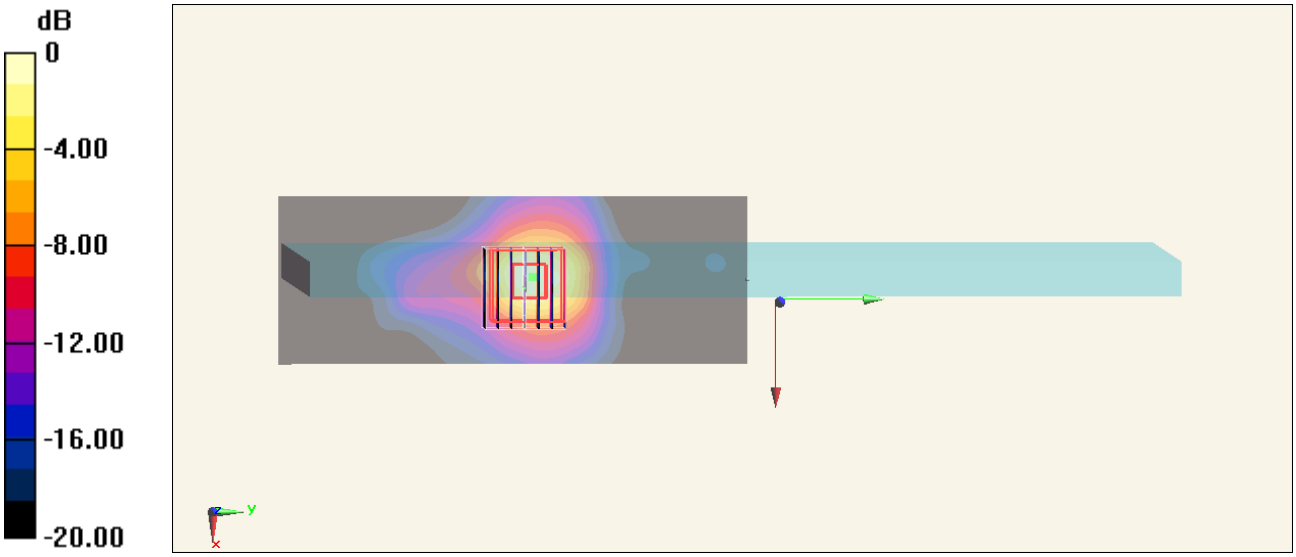
DUT: 322823

Communication System: 802.11a; Frequency: 5300 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130325 Medium parameters used: f = 5300 MHz; σ = 5.422 mho/m; ε_r = 47.242; ρ = 1000 kg/m^3
Ambient Temperature：22.5℃； Liquid Temperature：21.5℃

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/Ch60/Area Scan (51x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.47 mW/g

Configuration/Ch60/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 18.369 V/m; Power Drift = -0.036 dB
Peak SAR (extrapolated) = 2.404 mW/g
SAR(1 g) = 0.615 mW/g; SAR(10 g) = 0.201 mW/g
Maximum value of SAR (measured) = 1.41 mW/g



0 dB = 1.41 mW/g = 2.98 dB mW/g

#08_WLAN5G_802.11a_Edge 1_0cm_Ch56

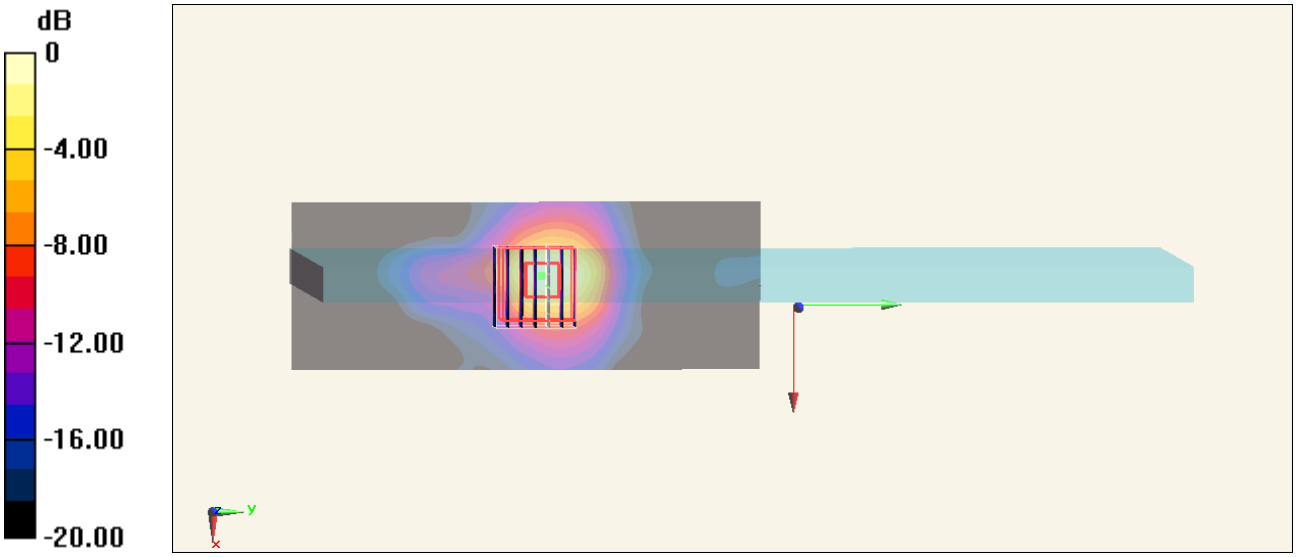
DUT: 322823

Communication System: 802.11a; Frequency: 5280 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130325 Medium parameters used: f = 5280 MHz; σ = 5.38 mho/m; ε_r = 47.28; ρ = 1000 kg/m^3
Ambient Temperature：22.5℃； Liquid Temperature：21.5℃

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/Ch56/Area Scan (51x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.55 mW/g

Configuration/Ch56/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 19.370 V/m; Power Drift = -0.032 dB
Peak SAR (extrapolated) = 2.661 mW/g
SAR(1 g) = 0.653 mW/g; SAR(10 g) = 0.202 mW/g
Maximum value of SAR (measured) = 1.53 mW/g



0 dB = 1.53 mW/g = 3.69 dB mW/g

#09_WLAN5G_802.11a_Bottom Face_0cm_Ch100

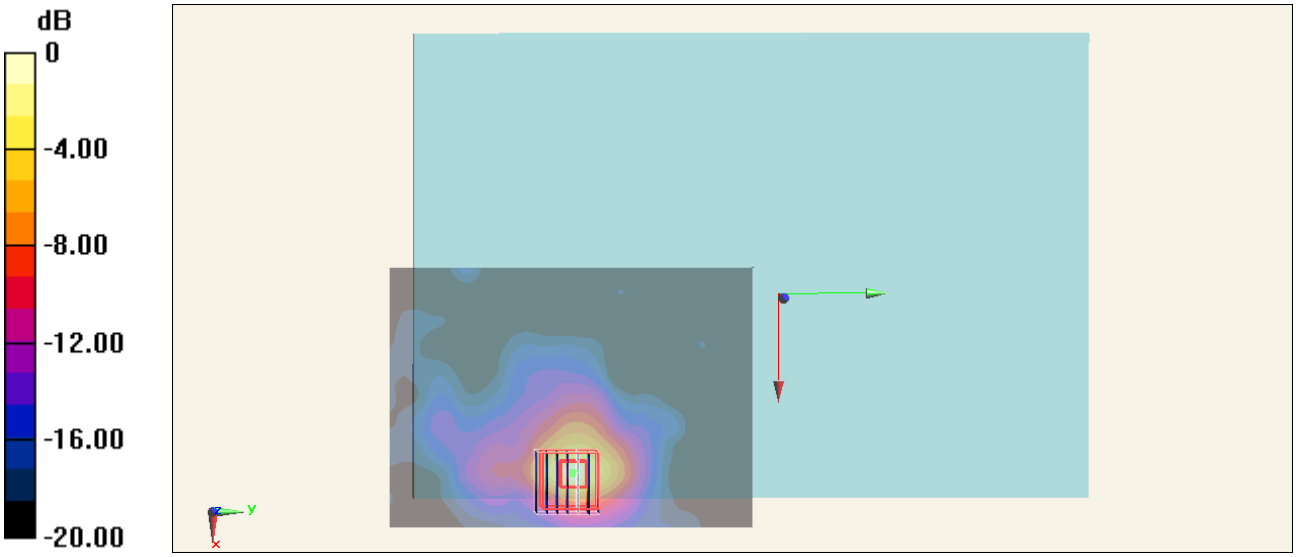
DUT: 322823

Communication System: 802.11a; Frequency: 5500 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130325 Medium parameters used: f = 5500 MHz; σ = 5.677 mho/m; ε_r = 46.97; ρ = 1000 kg/m^3
Ambient Temperature：22.5℃； Liquid Temperature：21.5℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); 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/Ch100/Area Scan (101x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.23 mW/g

Configuration/Ch100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 17.803 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 2.588 mW/g
SAR(1 g) = 0.521 mW/g; SAR(10 g) = 0.157 mW/g
Maximum value of SAR (measured) = 1.38 mW/g



0 dB = 1.38 mW/g = 2.80 dB mW/g

#12_WLAN5G_802.11a_Edge 1_0cm_Ch100

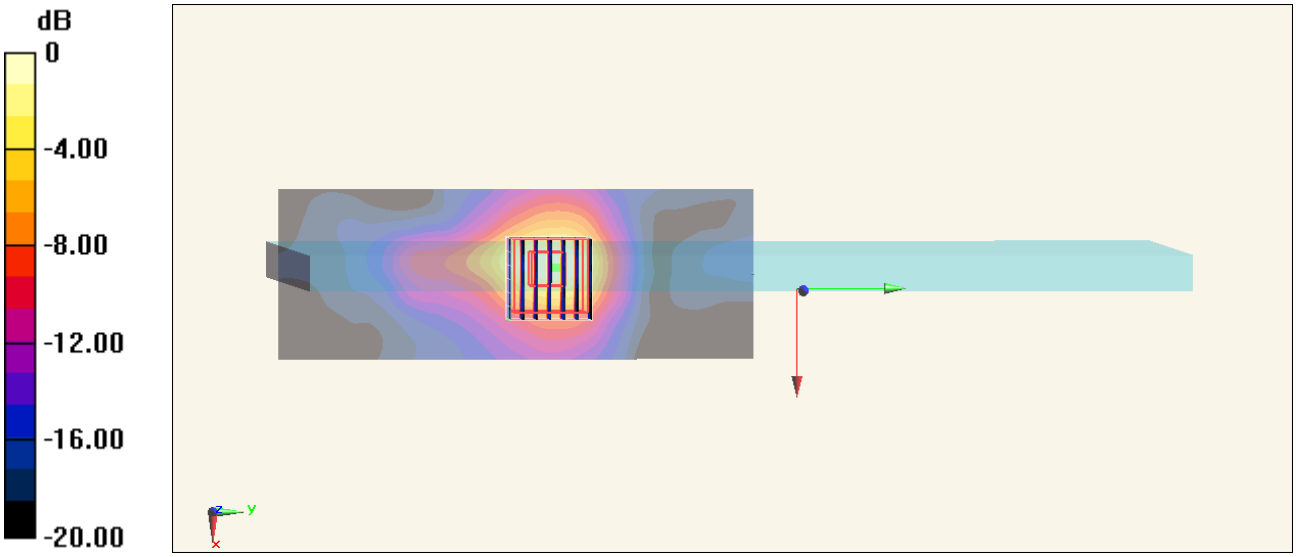
DUT: 322823

Communication System: 802.11a; Frequency: 5500 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130325 Medium parameters used: f = 5500 MHz; σ = 5.677 mho/m; ε_r = 46.97; ρ = 1000 kg/m^3
Ambient Temperature：22.5℃； Liquid Temperature：21.5℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.81, 3.81, 3.81); 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/Ch100/Area Scan (51x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.71 mW/g

Configuration/Ch100/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 20.015 V/m; Power Drift = -0.025 dB
Peak SAR (extrapolated) = 2.951 mW/g
SAR(1 g) = 0.744 mW/g; SAR(10 g) = 0.258 mW/g
Maximum value of SAR (measured) = 1.74 mW/g



0 dB = 1.74 mW/g = 4.81 dB mW/g

#10_WLAN5G_802.11a_Edge 1_0cm_Ch112

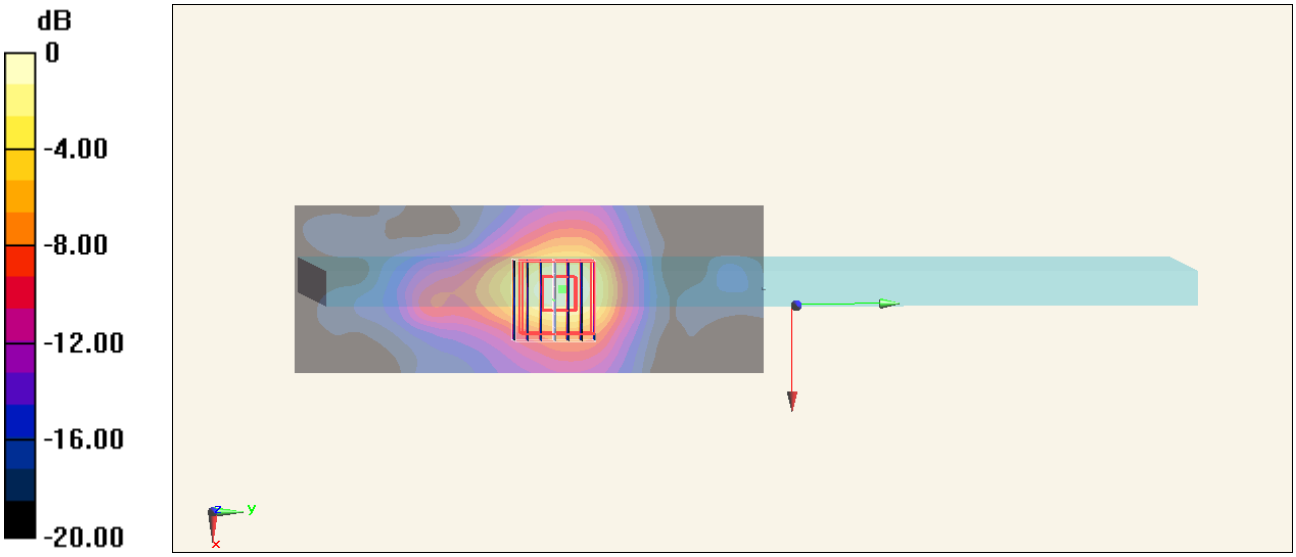
DUT: 322823

Communication System: 802.11a; Frequency: 5560 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130325 Medium parameters used: f = 5560 MHz; σ = 5.771 mho/m; ε_r = 46.874; ρ = 1000 kg/m^3
Ambient Temperature：22.5℃； Liquid Temperature：21.5℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); 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/Ch112/Area Scan (51x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.74 mW/g

Configuration/Ch112/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 20.102 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 3.175 mW/g
SAR(1 g) = 0.775 mW/g; SAR(10 g) = 0.270 mW/g
Maximum value of SAR (measured) = 1.78 mW/g



0 dB = 1.78 mW/g = 5.01 dB mW/g

#11_WLAN5G_802.11a_Edge 1_0cm_Ch132

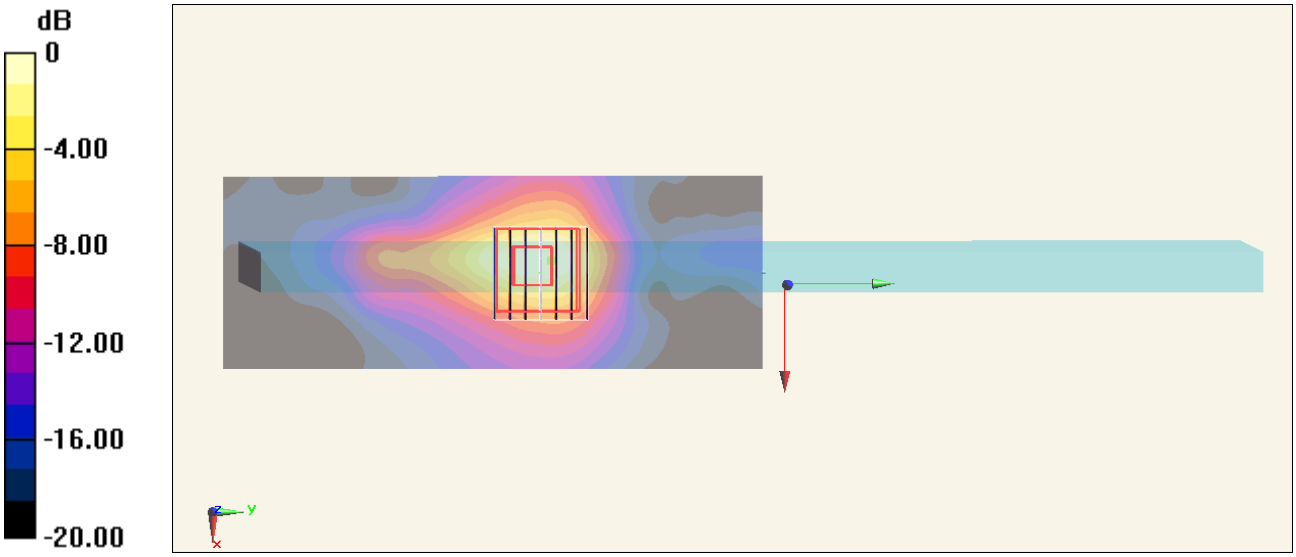
DUT: 322823

Communication System: 802.11a; Frequency: 5660 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130325 Medium parameters used : f = 5660 MHz; σ = 5.937 mho/m; ε_r = 46.661; ρ = 1000 kg/m^3
Ambient Temperature：22.5℃； Liquid Temperature：21.5℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.72, 3.72, 3.72); 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/Ch132/Area Scan (51x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.88 mW/g

Configuration/Ch132/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 19.476 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 3.291 mW/g
SAR(1 g) = 0.771 mW/g; SAR(10 g) = 0.266 mW/g
Maximum value of SAR (measured) = 1.78 mW/g



0 dB = 1.78 mW/g = 5.01 dB mW/g

#13_WLAN5G_802.11a_Bottom Face_0cm_Ch149

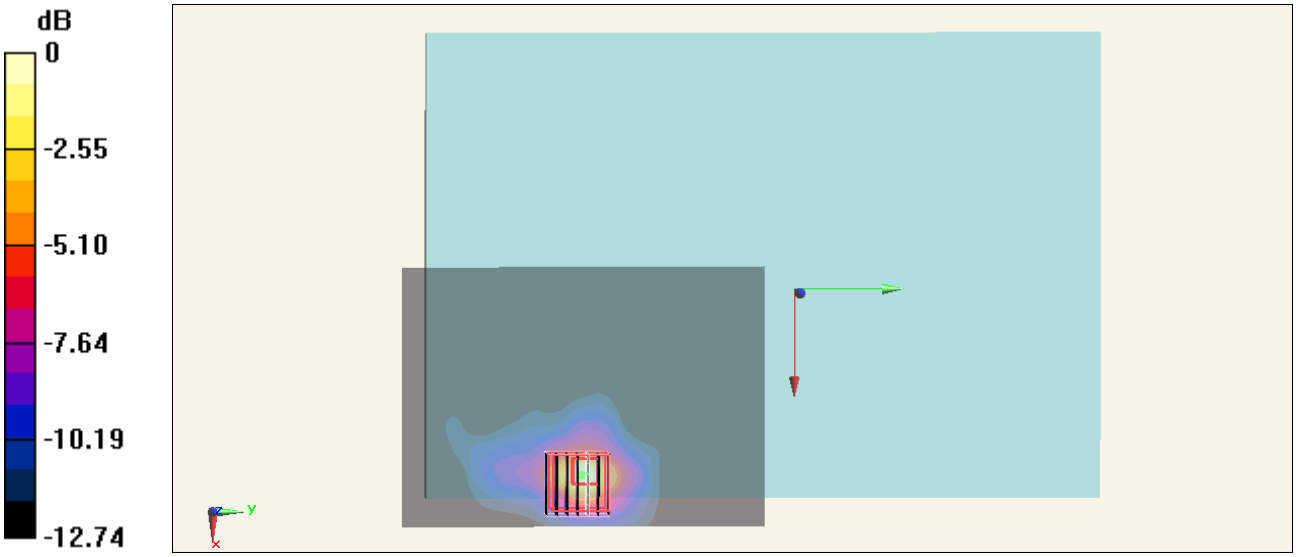
DUT: 322823

Communication System: 802.11a; Frequency: 5745 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130325 Medium parameters used: f = 5745 MHz; σ = 6.12 mho/m; ε_r = 46.644; ρ = 1000 kg/m^3
Ambient Temperature：22.5℃； Liquid Temperature：21.5℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch149/Area Scan (101x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 1.65 mW/g

Configuration/Ch149/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 18.345 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 2.883 mW/g
SAR(1 g) = 0.647 mW/g; SAR(10 g) = 0.233 mW/g
Maximum value of SAR (measured) = 1.58 mW/g



0 dB = 1.58 mW/g = 3.97 dB mW/g

#16_WLAN5G_802.11a_Edge 1_0cm_Ch149

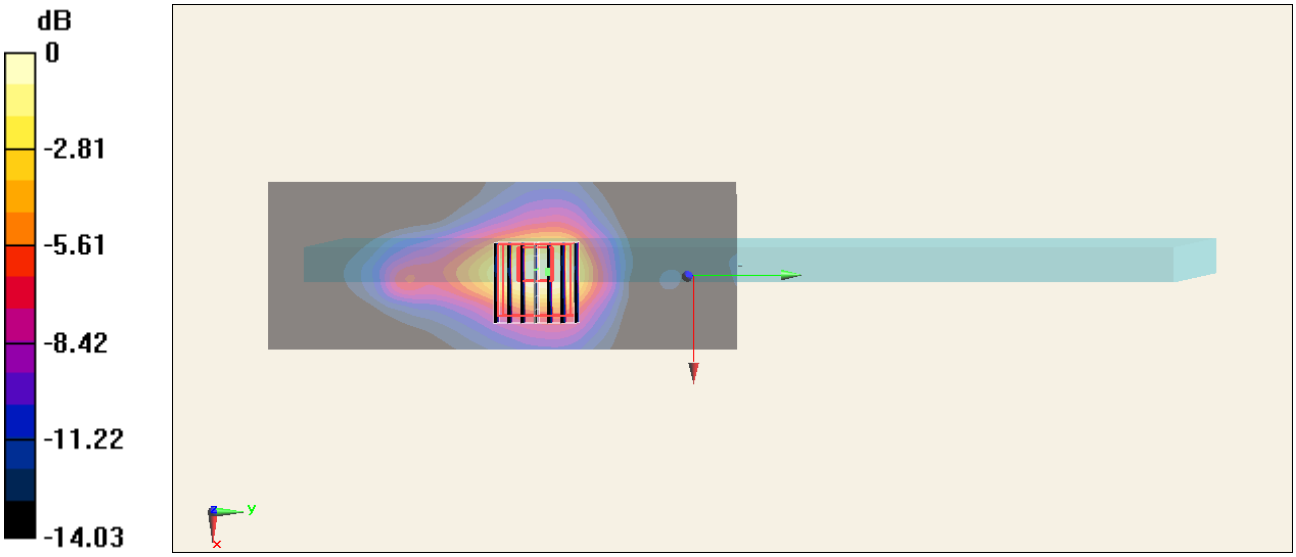
DUT: 322823

Communication System: 802.11a; Frequency: 5745 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130325 Medium parameters used: f = 5745 MHz; σ = 6.12 mho/m; ε_r = 46.644; ρ = 1000 kg/m^3
Ambient Temperature：22.5℃； Liquid Temperature：21.5℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch149/Area Scan (51x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.35 mW/g

Configuration/Ch149/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 21.564 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 3.859 mW/g
SAR(1 g) = 0.993 mW/g; SAR(10 g) = 0.368 mW/g
Maximum value of SAR (measured) = 2.22 mW/g



0 dB = 2.22 mW/g = 6.93 dB mW/g

#17_WLAN5G_802.11a_Edge 1_0cm_Ch157

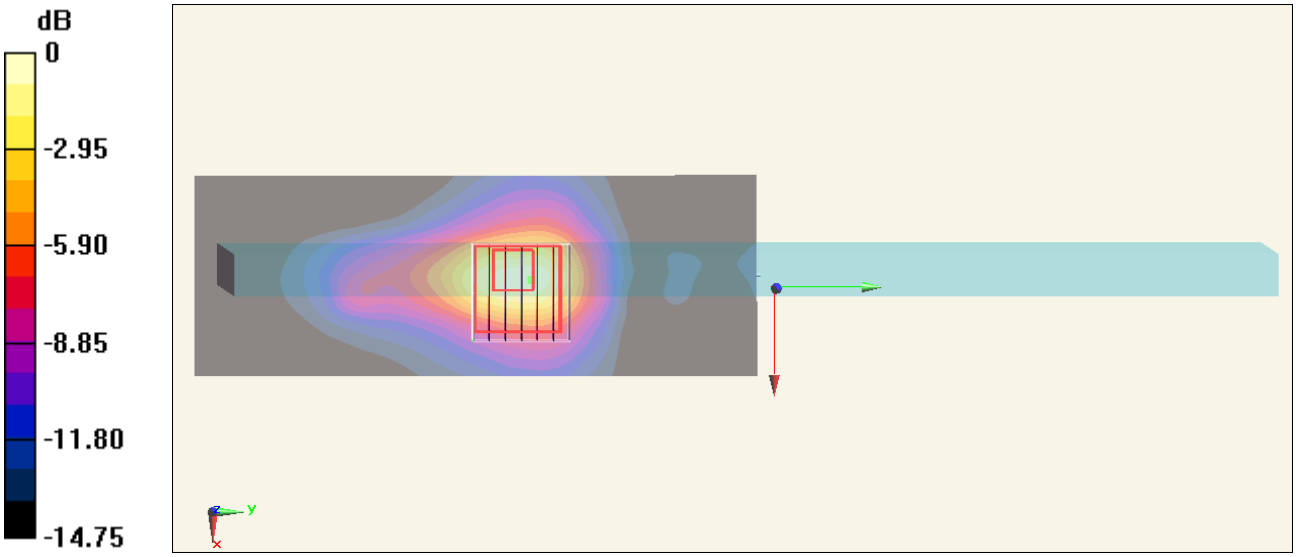
DUT: 322823

Communication System: 802.11a; Frequency: 5785 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130325 Medium parameters used : f = 5785 MHz; σ = 6.165 mho/m; ε_r = 46.498; ρ = 1000 kg/m^3
Ambient Temperature：22.5℃； Liquid Temperature：21.5℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch157/Area Scan (51x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.36 mW/g

Configuration/Ch157/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 21.963 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 4.250 mW/g
SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.393 mW/g
Maximum value of SAR (measured) = 2.49 mW/g



0 dB = 2.49 mW/g = 7.92 dB mW/g

#18_WLAN5G_802.11a_Edge 1_0cm_Ch161

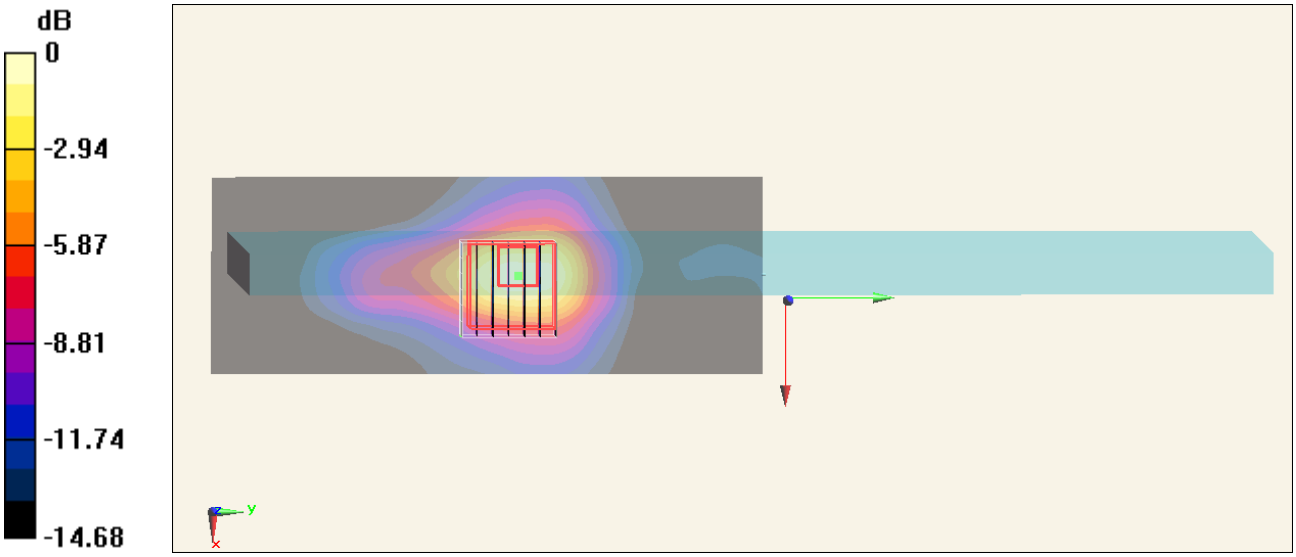
DUT: 322823

Communication System: 802.11a; Frequency: 5805 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130325 Medium parameters used : f = 5805 MHz; σ = 6.192 mho/m; ε_r = 46.422; ρ = 1000 kg/m^3
Ambient Temperature：22.5℃； Liquid Temperature：21.5℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch161/Area Scan (51x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.46 mW/g

Configuration/Ch161/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 22.706 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 4.306 mW/g
SAR(1 g) = 1.07 mW/g; SAR(10 g) = 0.381 mW/g
Maximum value of SAR (measured) = 2.47 mW/g



0 dB = 2.47 mW/g = 7.85 dB mW/g

#19_WLAN5G_802.11a_Edge 1_0cm_Ch161;Repeat

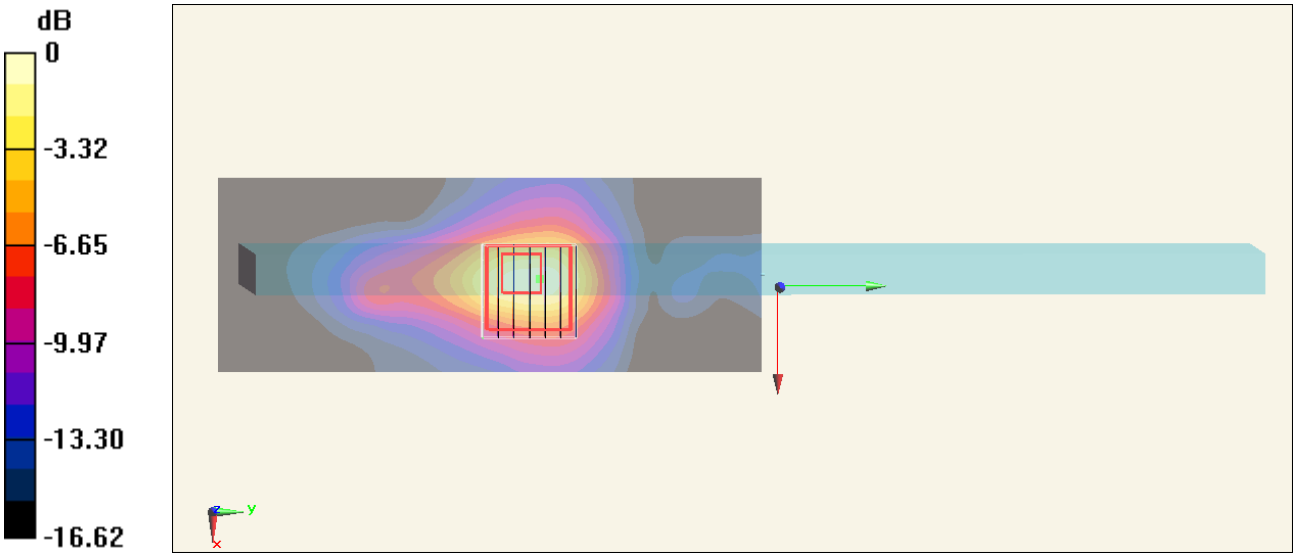
DUT: 322823

Communication System: 802.11a; Frequency: 5805 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130325 Medium parameters used : f = 5805 MHz; σ = 6.192 mho/m; ε_r = 46.422; ρ = 1000 kg/m^3
Ambient Temperature：22.5℃； Liquid Temperature：21.5℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(3.89, 3.89, 3.89); Calibrated: 2012/6/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2012/6/12
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch161/Area Scan (51x141x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 2.36 mW/g

Configuration/Ch161/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 22.491 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 4.293 mW/g
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.367 mW/g
Maximum value of SAR (measured) = 2.52 mW/g



0 dB = 2.52 mW/g = 8.03 dB mW/g

#25_WLAN5G_802.11a_Curved surface of Edge1_0cm_Ch161

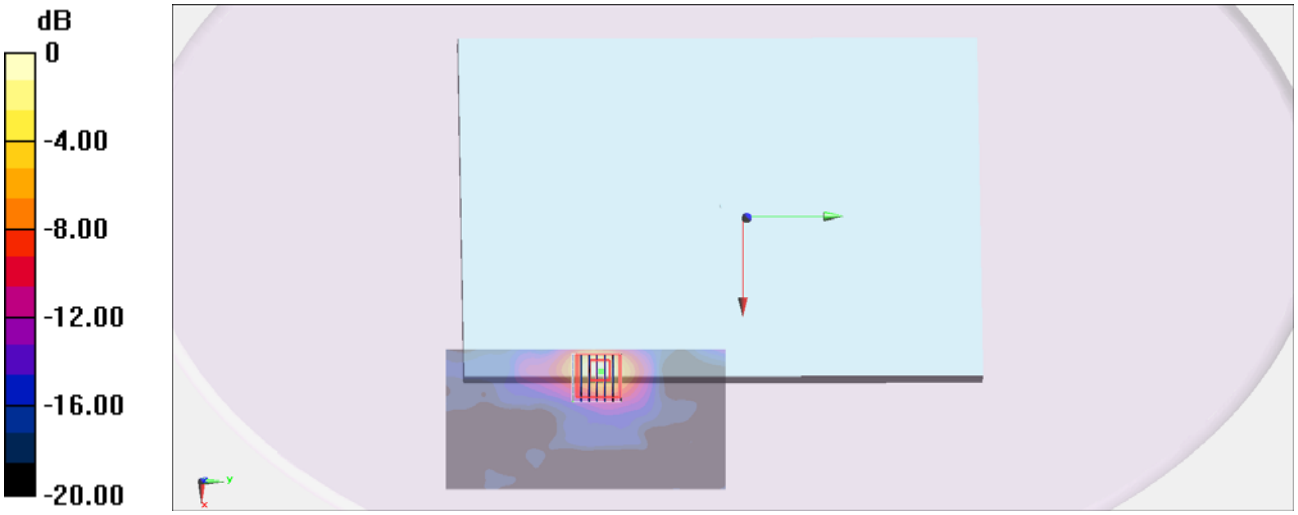
DUT: 322823

Communication System: 802.11a; Frequency: 5805 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130403 Medium parameters used : f = 5805 MHz; σ = 5.968 S/m; ε_r = 46.462; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

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 (71x141x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.99 W/kg

Configuration/Ch161/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 3.874 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 3.47 W/kg
SAR(1 g) = 0.689 W/kg; SAR(10 g) = 0.163 W/kg
Maximum value of SAR (measured) = 2.05 W/kg



0 dB = 2.05 W/kg = 3.12 dBW/kg

#26_WLAN5G_802.11a_Curved surface of Edge1_0cm_Ch149

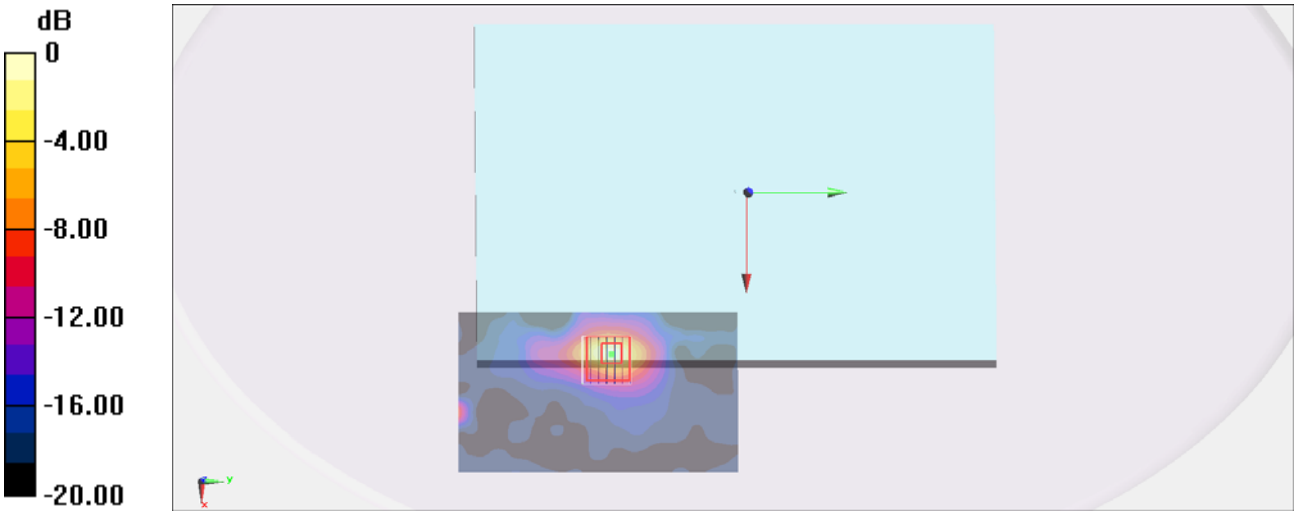
DUT: 322823

Communication System: 802.11a; Frequency: 5745 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130403 Medium parameters used : f = 5745 MHz; σ = 5.901 S/m; ε_r = 46.679; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

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 (81x141x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.91 W/kg

Configuration/Ch149/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 21.258 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 3.49 W/kg
SAR(1 g) = 0.760 W/kg; SAR(10 g) = 0.200 W/kg
Maximum value of SAR (measured) = 2.09 W/kg



0 dB = 2.09 W/kg = 3.20 dBW/kg

#27_WLAN5G_802.11a_Curved surface of Edge1_0cm_Ch157

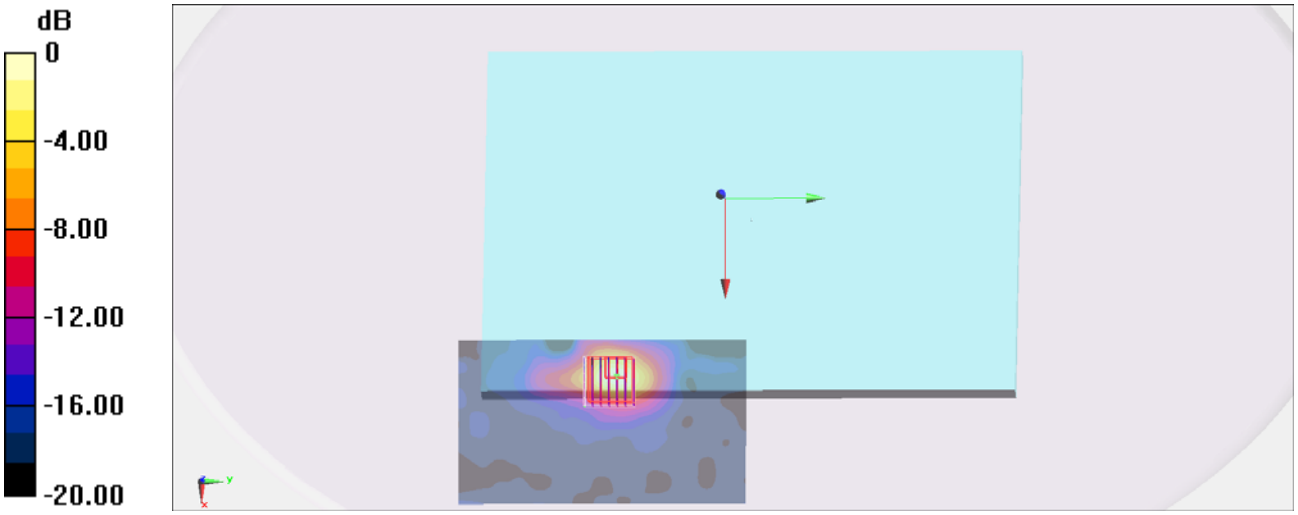
DUT: 322823

Communication System: 802.11a; Frequency: 5785 MHz;Duty Cycle: 1:1
Medium: MSL_5G_130403 Medium parameters used : f = 5785 MHz; σ = 5.943 S/m; ε_r = 46.536; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

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 (81x141x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.77 W/kg

Configuration/Ch157/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 19.103 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 3.48 W/kg
SAR(1 g) = 0.677 W/kg; SAR(10 g) = 0.212 W/kg
Maximum value of SAR (measured) = 1.71 W/kg



0 dB = 1.71 W/kg = 2.33 dBW/kg