#11_LTE Band 13_10M_QPSK_1RB_0offset_Bottom Face_0cm_Ch23230

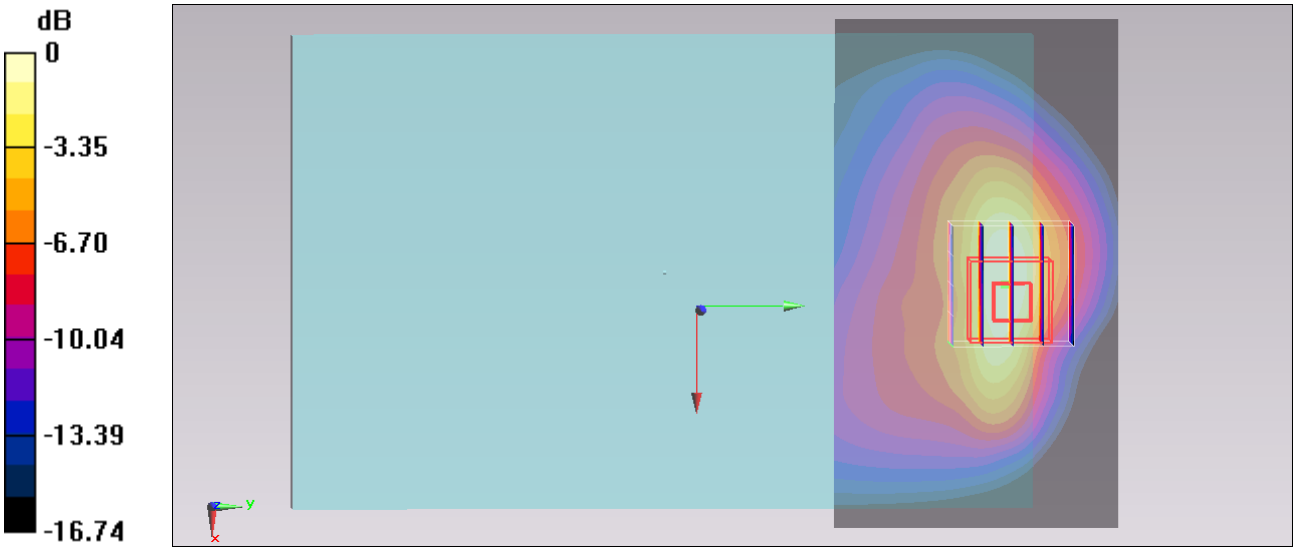
DUT: 380603

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_130812 Medium parameters used: f = 782 MHz; σ = 1.001 mho/m; ε_r = 54.613; ρ = 1000 kg/m^3
Ambient Temperature：23.5℃； Liquid Temperature：22.5℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(9.15, 9.15, 9.15); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch23230/Area Scan (91x51x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.34 mW/g

Configuration/Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 35.269 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.733 mW/g
SAR(1 g) = 0.749 mW/g; SAR(10 g) = 0.358 mW/g
Maximum value of SAR (measured) = 1.28 mW/g



0 dB = 1.28 mW/g = 2.14 dB mW/g

#12_LTE Band 13_10M_QPSK_25RB_0offset_Bottom Face_0cm_Ch23230

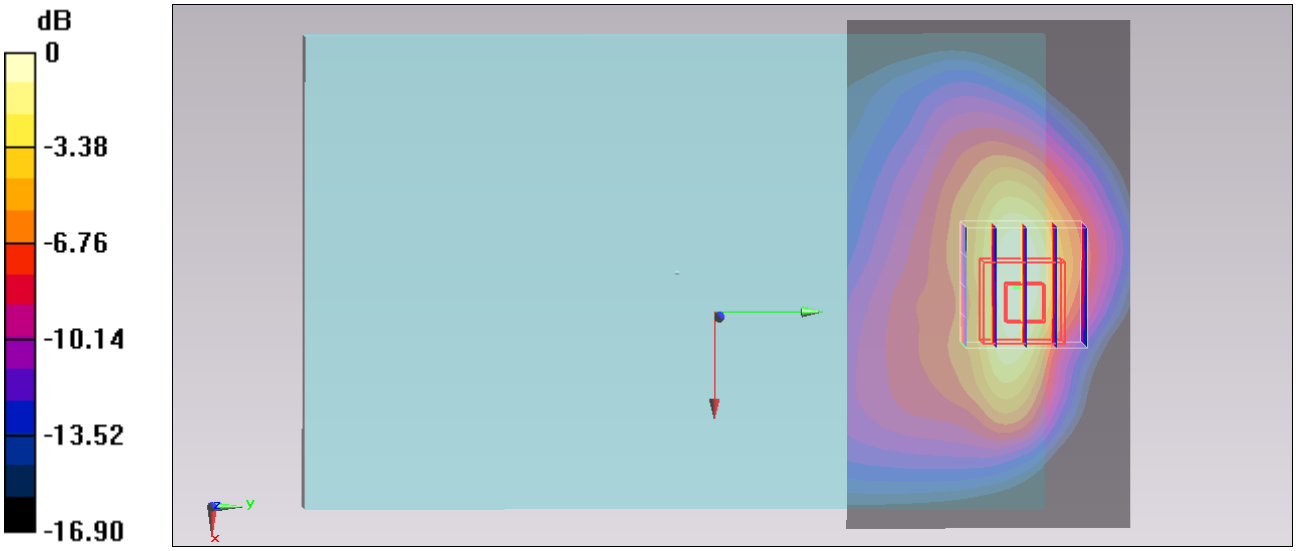
DUT: 380603

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_130812 Medium parameters used: f = 782 MHz; σ = 1.001 mho/m; ε_r = 54.613; ρ = 1000 kg/m^3
Ambient Temperature：23.5℃； Liquid Temperature：22.5℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(9.15, 9.15, 9.15); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch23230/Area Scan (91x51x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.19 mW/g

Configuration/Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 33.043 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.524 mW/g
SAR(1 g) = 0.677 mW/g; SAR(10 g) = 0.332 mW/g
Maximum value of SAR (measured) = 1.13 mW/g



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

#02_LTE Band 13_10M_QPSK_1RB_0offset_Edge 1_0cm_Ch23230

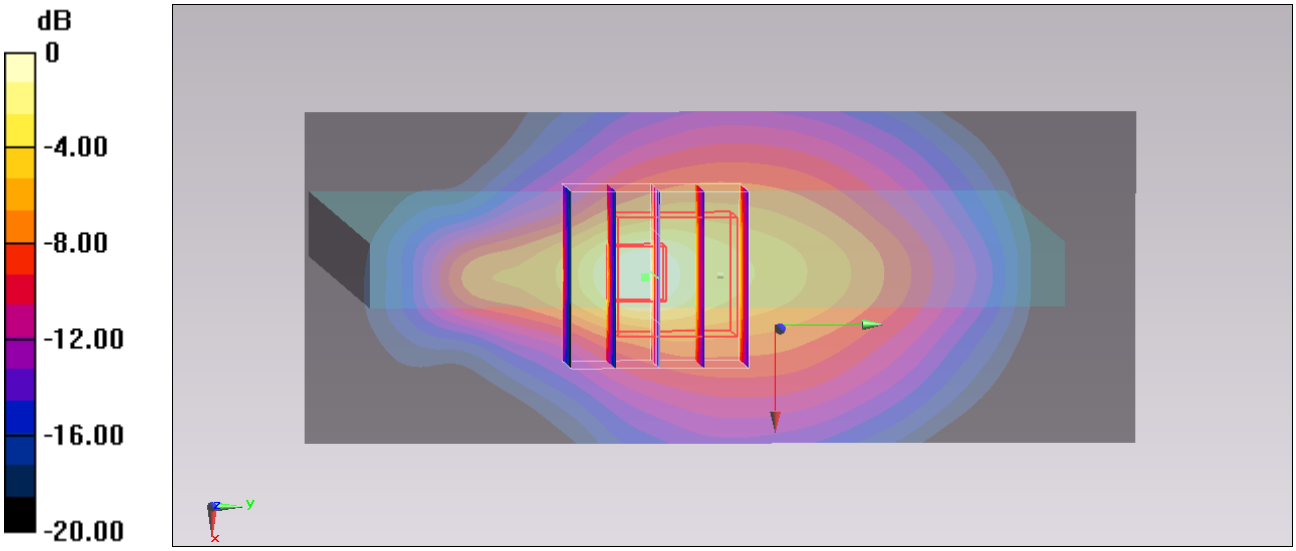
DUT: 380603

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_130812 Medium parameters used: f = 782 MHz; σ = 1.001 mho/m; ε_r = 54.613; ρ = 1000 kg/m^3
Ambient Temperature：23.5℃； Liquid Temperature：22.5℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(9.15, 9.15, 9.15); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch23230/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.840 mW/g

Configuration/Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.376 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.276 mW/g
SAR(1 g) = 0.397 mW/g; SAR(10 g) = 0.172 mW/g
Maximum value of SAR (measured) = 0.775 mW/g



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

#05_LTE Band 13_10M_QPSK_25RB_0offset_Edge 1_0cm_Ch23230

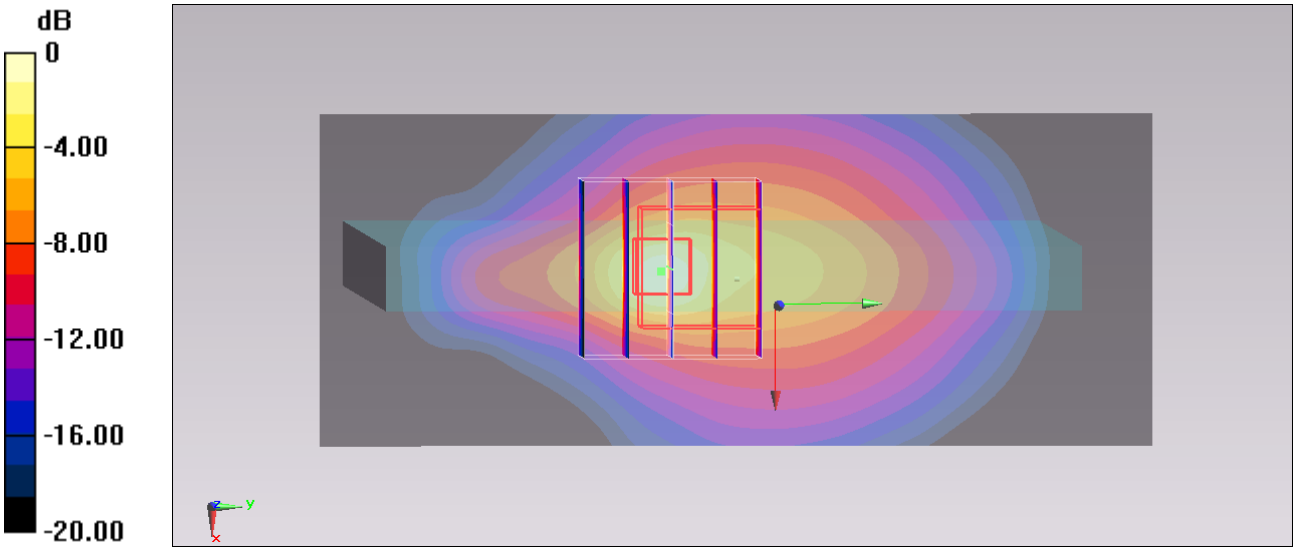
DUT: 380603

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_130812 Medium parameters used: f = 782 MHz; σ = 1.001 mho/m; ε_r = 54.613; ρ = 1000 kg/m^3
Ambient Temperature：23.5℃； Liquid Temperature：22.5℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(9.15, 9.15, 9.15); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch23230/Area Scan (41x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.728 mW/g

Configuration/Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.107 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 1.245 mW/g
SAR(1 g) = 0.382 mW/g; SAR(10 g) = 0.166 mW/g
Maximum value of SAR (measured) = 0.798 mW/g



0 dB = 0.798 mW/g = -1.96 dB mW/g

#07_LTE Band 13_10M_QPSK_1RB_0offset_Edge 2_0cm_Ch23230

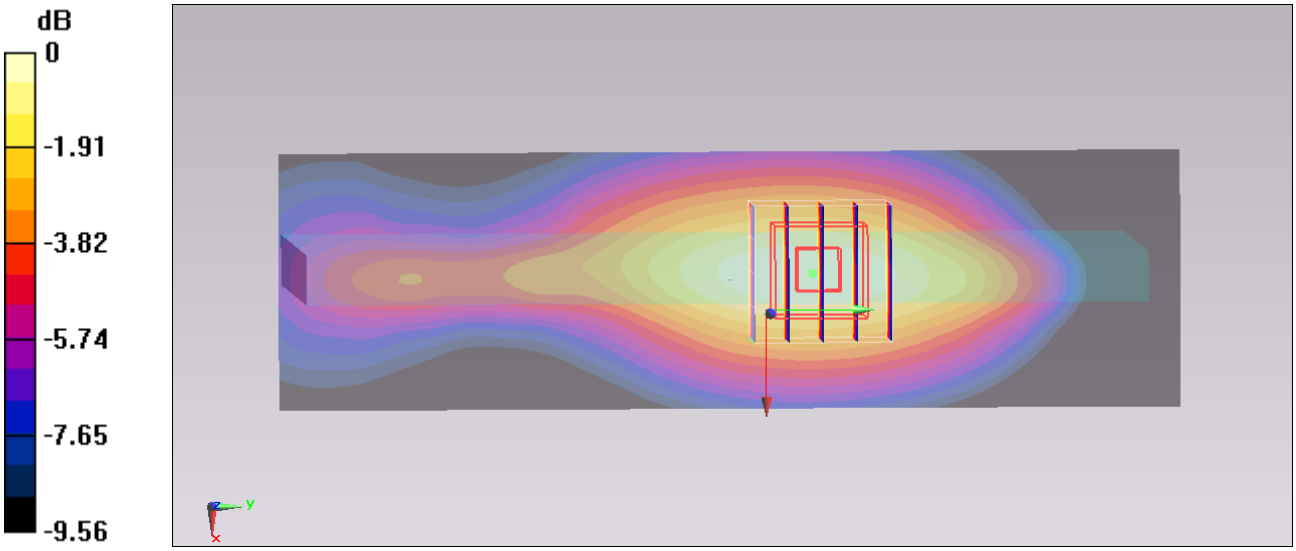
DUT: 380603

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_130812 Medium parameters used: f = 782 MHz; σ = 1.001 mho/m; ε_r = 54.613; ρ = 1000 kg/m^3
Ambient Temperature：23.5℃； Liquid Temperature：22.5℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(9.15, 9.15, 9.15); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch23230/Area Scan (41x141x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.138 mW/g

Configuration/Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.919 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.161 mW/g
SAR(1 g) = 0.109 mW/g; SAR(10 g) = 0.074 mW/g
Maximum value of SAR (measured) = 0.138 mW/g



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

#08_LTE Band 13_10M_QPSK_25RB_0offset_Edge 2_0cm_Ch23230

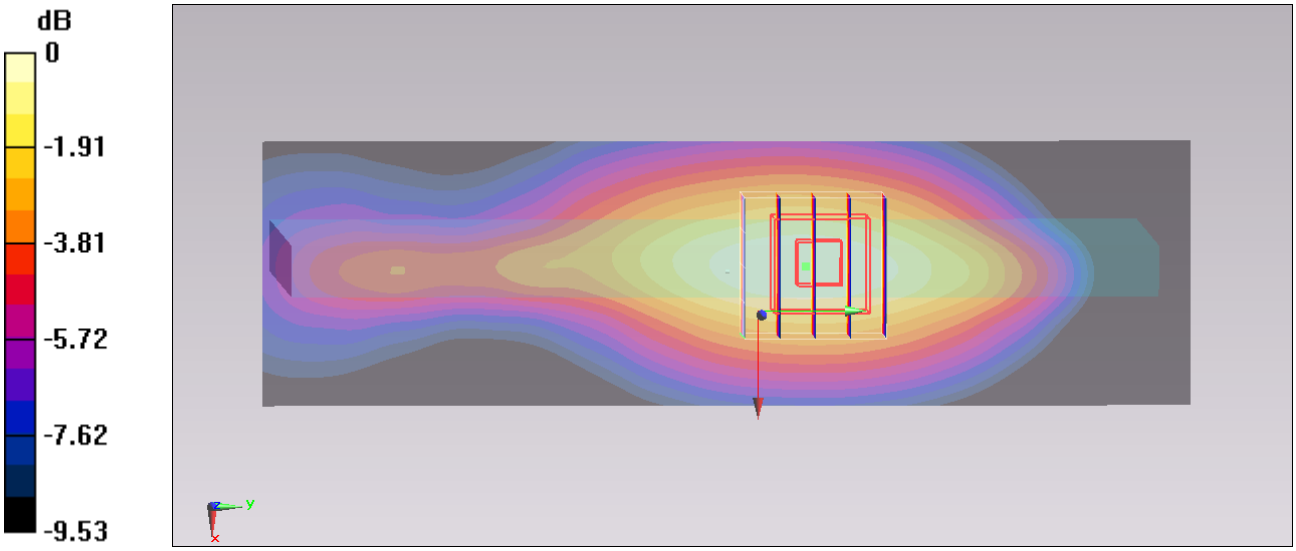
DUT: 380603

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_130812 Medium parameters used: f = 782 MHz; σ = 1.001 mho/m; ε_r = 54.613; ρ = 1000 kg/m^3
Ambient Temperature：23.5℃； Liquid Temperature：22.5℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(9.15, 9.15, 9.15); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch23230/Area Scan (41x141x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.117 mW/g

Configuration/Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.952 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.137 mW/g
SAR(1 g) = 0.092 mW/g; SAR(10 g) = 0.062 mW/g
Maximum value of SAR (measured) = 0.116 mW/g



0 dB = 0.116 mW/g = -18.71 dB mW/g

#09_LTE Band 13_10M_QPSK_1RB_0offset_Edge 4_0cm_Ch23230

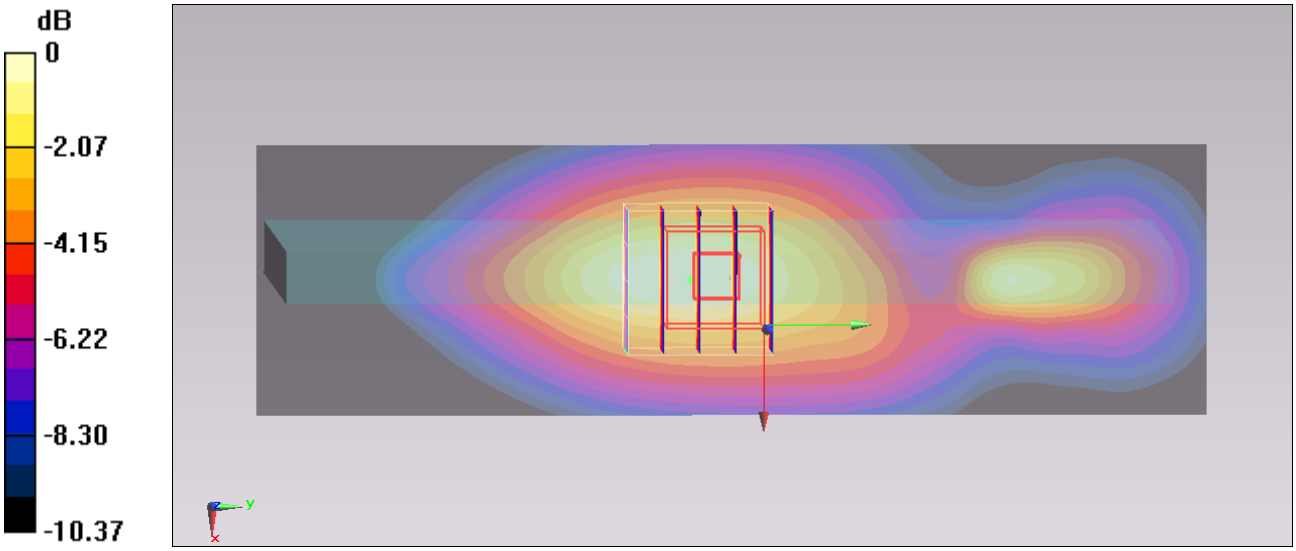
DUT: 380603

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_130812 Medium parameters used: f = 782 MHz; σ = 1.001 mho/m; ε_r = 54.613; ρ = 1000 kg/m^3
Ambient Temperature：23.5℃； Liquid Temperature：22.5℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(9.15, 9.15, 9.15); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch23230/Area Scan (41x141x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.274 mW/g

Configuration/Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.698 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.338 mW/g
SAR(1 g) = 0.214 mW/g; SAR(10 g) = 0.139 mW/g
Maximum value of SAR (measured) = 0.277 mW/g



0 dB = 0.277 mW/g = -11.15 dB mW/g

#10_LTE Band 13_10M_QPSK_25RB_0offset_Edge 4_0cm_Ch23230

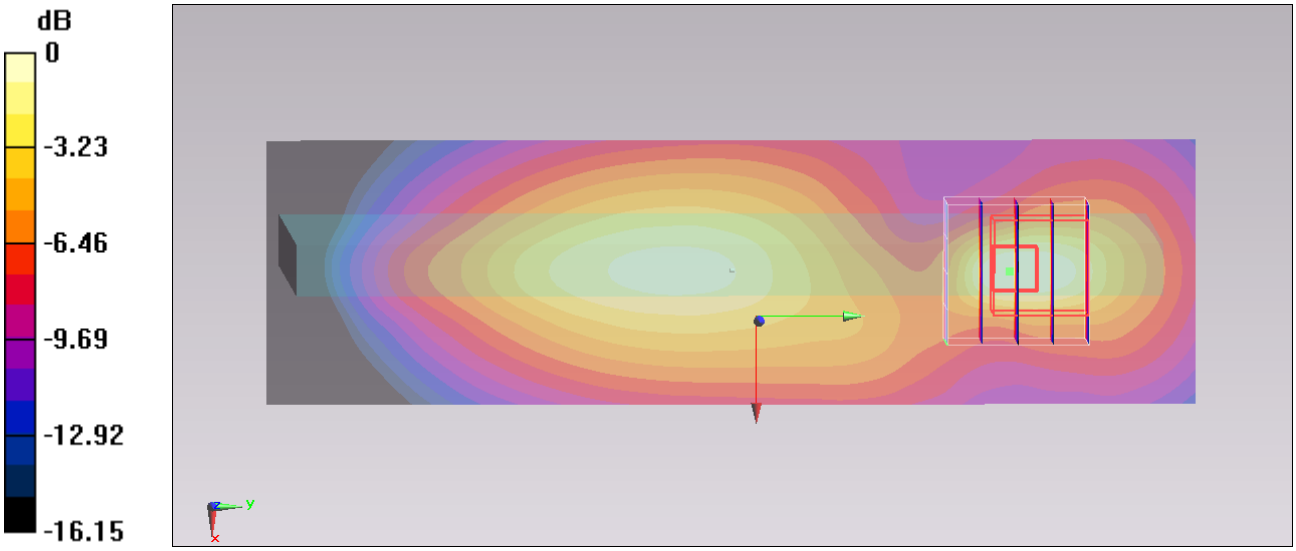
DUT: 380603

Communication System: LTE; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: MSL_750_130812 Medium parameters used: f = 782 MHz; σ = 1.001 mho/m; ε_r = 54.613; ρ = 1000 kg/m^3
Ambient Temperature：23.5℃； Liquid Temperature：22.5℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3792; ConvF(9.15, 9.15, 9.15); Calibrated: 2013/6/4;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1338; Calibrated: 2013/5/28
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (3);SEMCAD X Version 14.6.5 (6469)

Configuration/Ch23230/Area Scan (41x141x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.247 mW/g

Configuration/Ch23230/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.741 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.313 mW/g
SAR(1 g) = 0.118 mW/g; SAR(10 g) = 0.059 mW/g
Maximum value of SAR (measured) = 0.228 mW/g



0 dB = 0.228 mW/g = -12.84 dB mW/g

#21_WLAN2.4GHz_802.11b 11Mbps_Bottom Face_0cm_Ch1

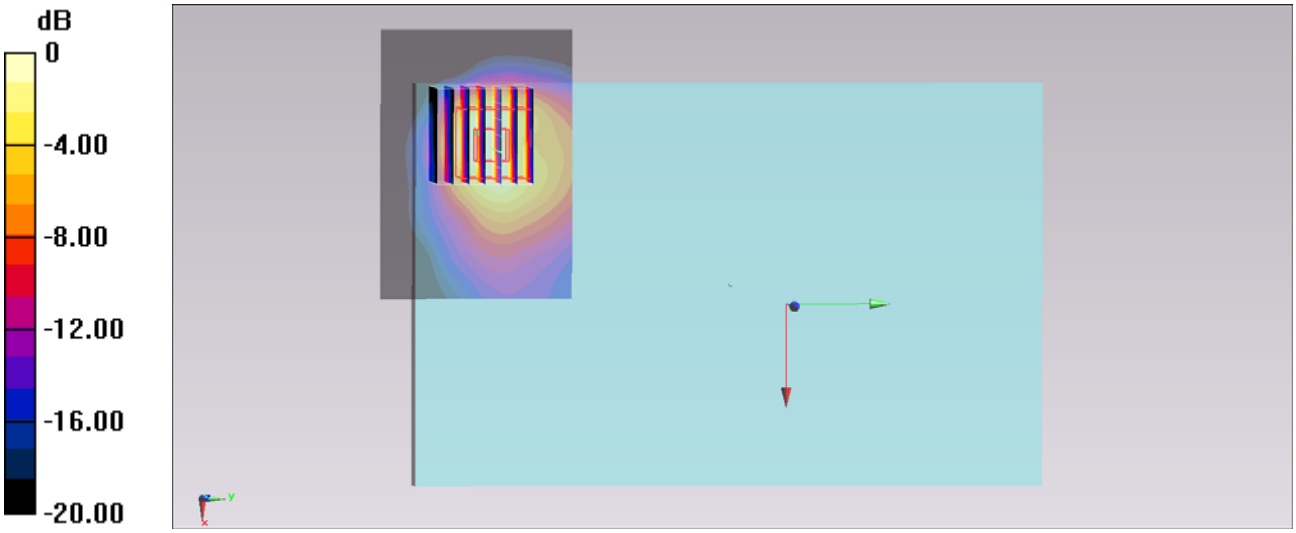
DUT: 380603

Communication System: 802.11b; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130826 Medium parameters used: f = 2412 MHz; σ = 1.915 S/m; ε_r = 52.896; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 2013/1/16
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch1/Area Scan (71x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.23 W/kg

Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.696 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 2.53 W/kg
SAR(1 g) = 0.812 W/kg; SAR(10 g) = 0.348 W/kg
Maximum value of SAR (measured) = 1.10 W/kg



0 dB = 1.10 W/kg = 0.41 dBW/kg

#22_WLAN2.4GHz_802.11b 11Mbps_Bottom Face_0cm_Ch6

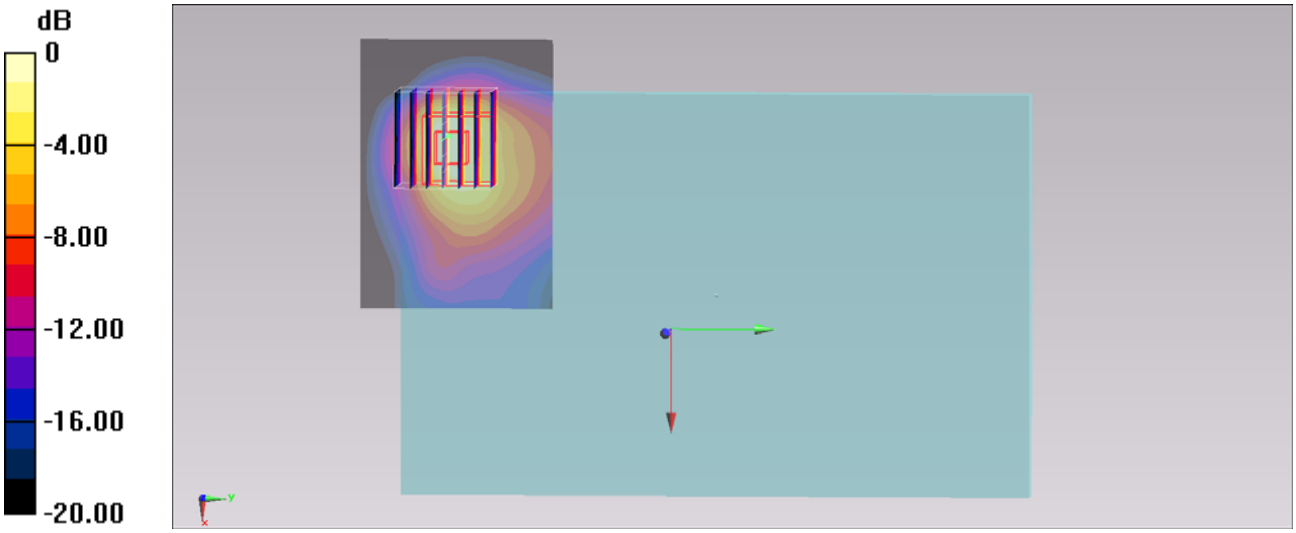
DUT: 380603

Communication System: 802.11b; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130826 Medium parameters used: f = 2437 MHz; σ = 1.947 S/m; ε_r = 52.813; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 2013/1/16
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch6/Area Scan (71x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.39 W/kg

Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.646 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 2.53 W/kg
SAR(1 g) = 0.813 W/kg; SAR(10 g) = 0.347 W/kg
Maximum value of SAR (measured) = 1.14 W/kg



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

#23_WLAN2.4GHz_802.11b 11Mbps_Bottom Face_0cm_Ch11

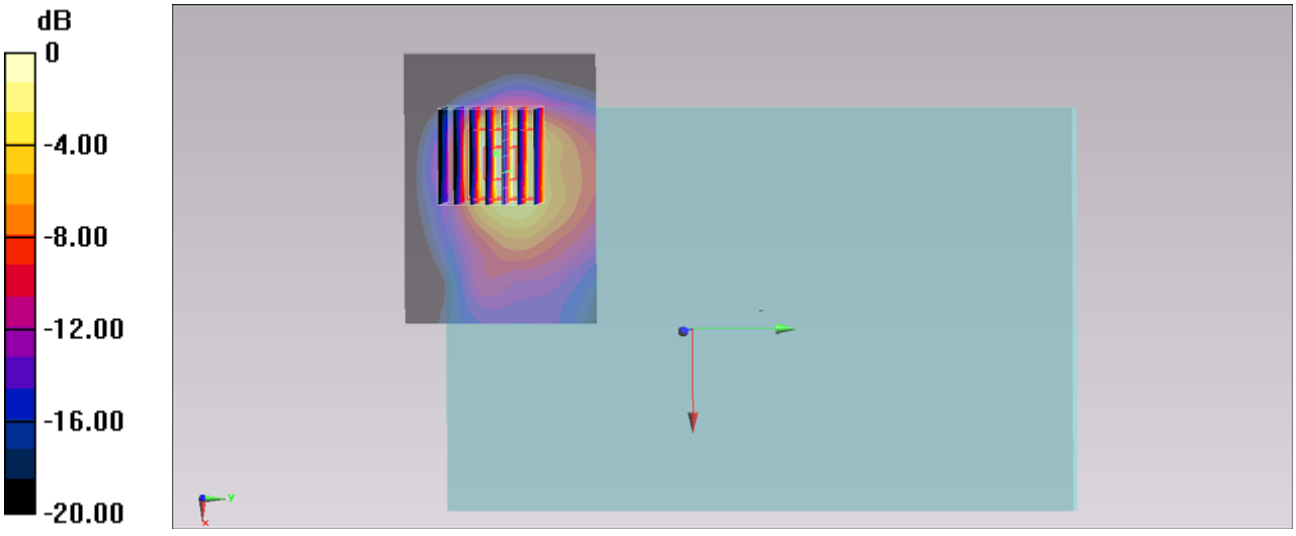
DUT: 380603

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130826 Medium parameters used: f = 2462 MHz; σ = 1.982 S/m; ε_r = 52.719; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 2013/1/16
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch11/Area Scan (71x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.44 W/kg

Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.739 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 2.54 W/kg
SAR(1 g) = 0.818 W/kg; SAR(10 g) = 0.347 W/kg
Maximum value of SAR (measured) = 1.17 W/kg



0 dB = 1.17 W/kg = 0.68 dBW/kg

#26_WLAN2.4GHz_802.11b 1Mbps_Bottom Face_0cm_Ch11;Repeat

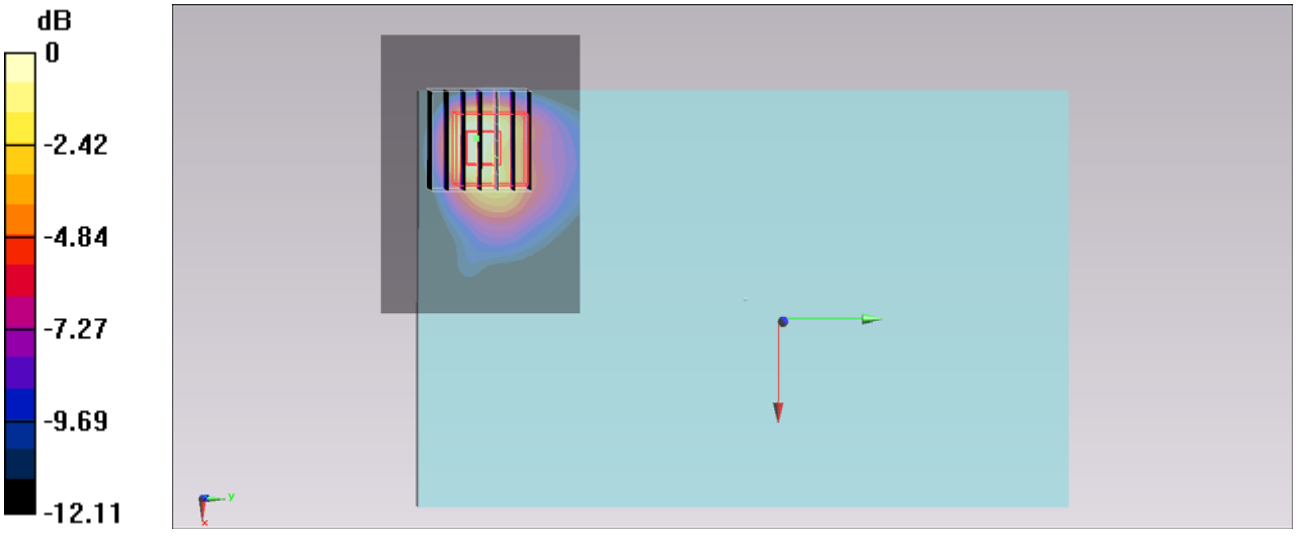
DUT: 380603

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130826 Medium parameters used: f = 2462 MHz; σ = 1.982 S/m; ε_r = 52.719; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 2013/1/16
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch11/Area Scan (71x51x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.42 W/kg

Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.739 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 2.51 W/kg
SAR(1 g) = 0.806 W/kg; SAR(10 g) = 0.341 W/kg
Maximum value of SAR (measured) = 1.16 W/kg



0 dB = 1.16 W/kg = 0.64 dBW/kg

#24_WLAN2.4GHz_802.11b 11Mbps_Edge 2_0cm_Ch1

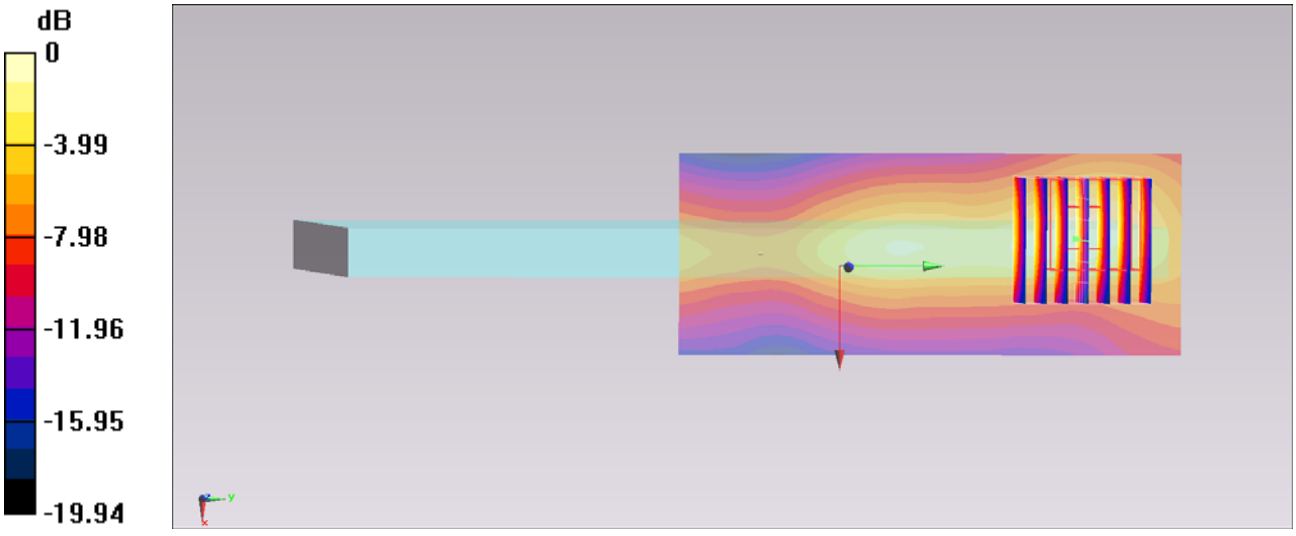
DUT: 380603

Communication System: 802.11b; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130826 Medium parameters used: f = 2412 MHz; σ = 1.915 S/m; ε_r = 52.896; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 2013/1/16
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch1/Area Scan (41x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.200 W/kg

Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.526 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.354 W/kg
SAR(1 g) = 0.162 W/kg; SAR(10 g) = 0.076 W
Maximum value of SAR (measured) = 0.206 W/kg



0 dB = 0.206 W/kg = -6.86 dBW/kg

#25_WLAN2.4GHz_802.11b 11Mbps_Edge 3_0cm_Ch1

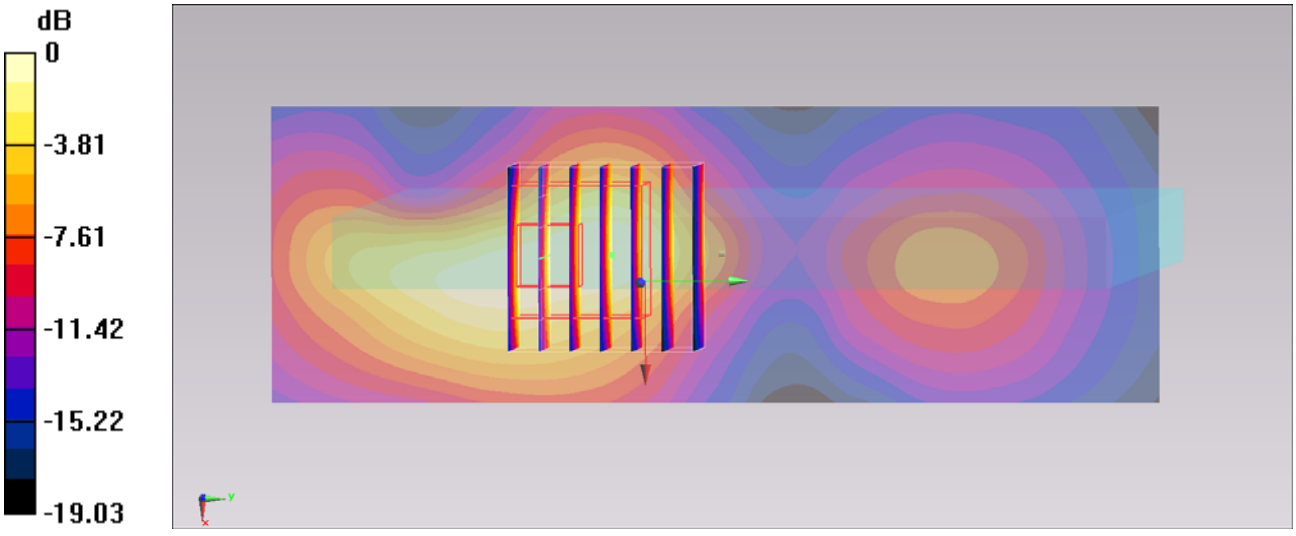
DUT: 380603

Communication System: 802.11b; Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_130826 Medium parameters used: f = 2412 MHz; σ = 1.915 S/m; ε_r = 52.896; ρ = 1000 kg/m^3
Ambient Temperature：23.3 ℃; Liquid Temperature：22.3 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3270; ConvF(4.17, 4.17, 4.17); Calibrated: 2012/9/28;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn914; Calibrated: 2013/1/16
- Phantom: ELI 4.0_Front; Type: QDOVA001BB; Serial: 1026
- Measurement SW: DASY52, Version 52.8 (6); SEMCAD X Version 14.6.9 (7117)

Configuration/Ch1/Area Scan (41x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.228 W/kg

Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 10.080 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.330 W/kg
SAR(1 g) = 0.171 W/kg; SAR(10 g) = 0.085 W/kg
Maximum value of SAR (measured) = 0.220 W/kg



0 dB = 0.220 W/kg = -6.58 dBW/kg