#145 LTE Band 17_QPSK(1-49)_Front Face_1cm_Ch23790_Earphone

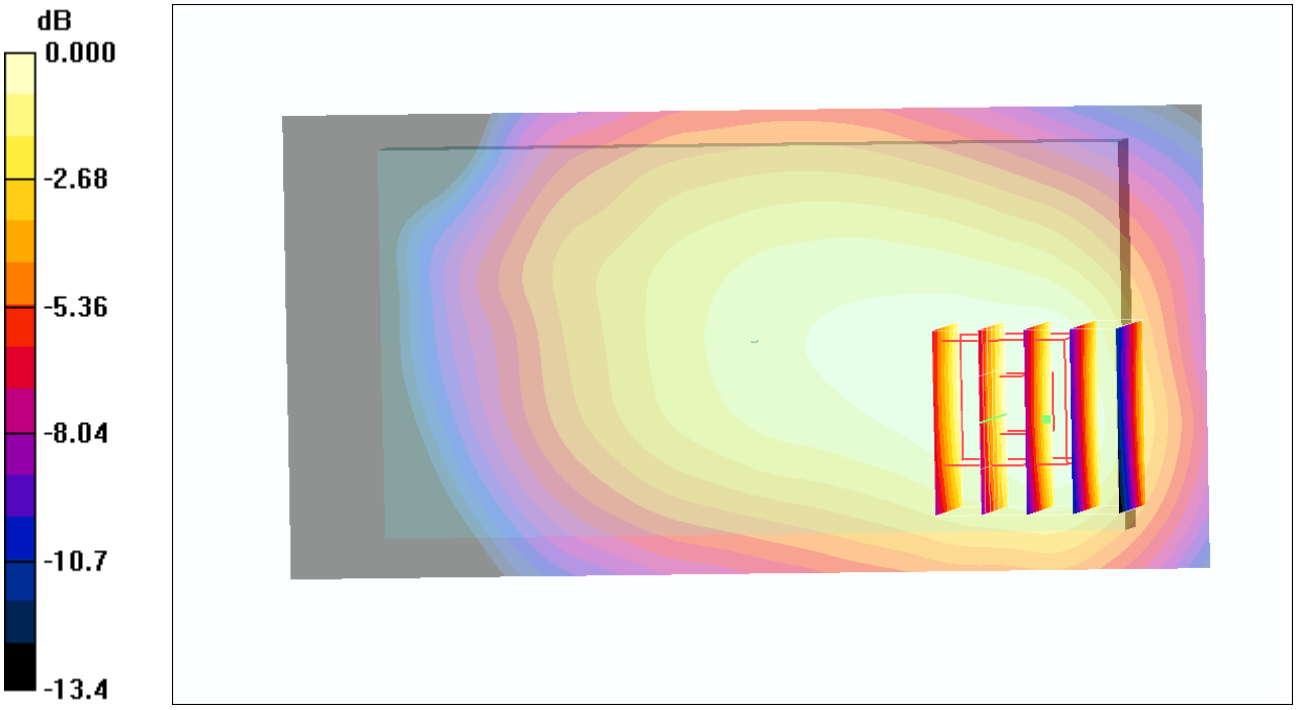
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_110604 Medium parameters used: f = 710 MHz; σ = 0.928 mho/m; ε_r = 52.92; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃； Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.097 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.73 V/m; Power Drift = -0.048 dB
Peak SAR (extrapolated) = 0.107 W/kg
SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.061 mW/g
Maximum value of SAR (measured) = 0.087 mW/g



0 dB = 0.087mW/g

#161 LTE Band 17_16QAM(25-13)_Front Face_1cm_Ch23790

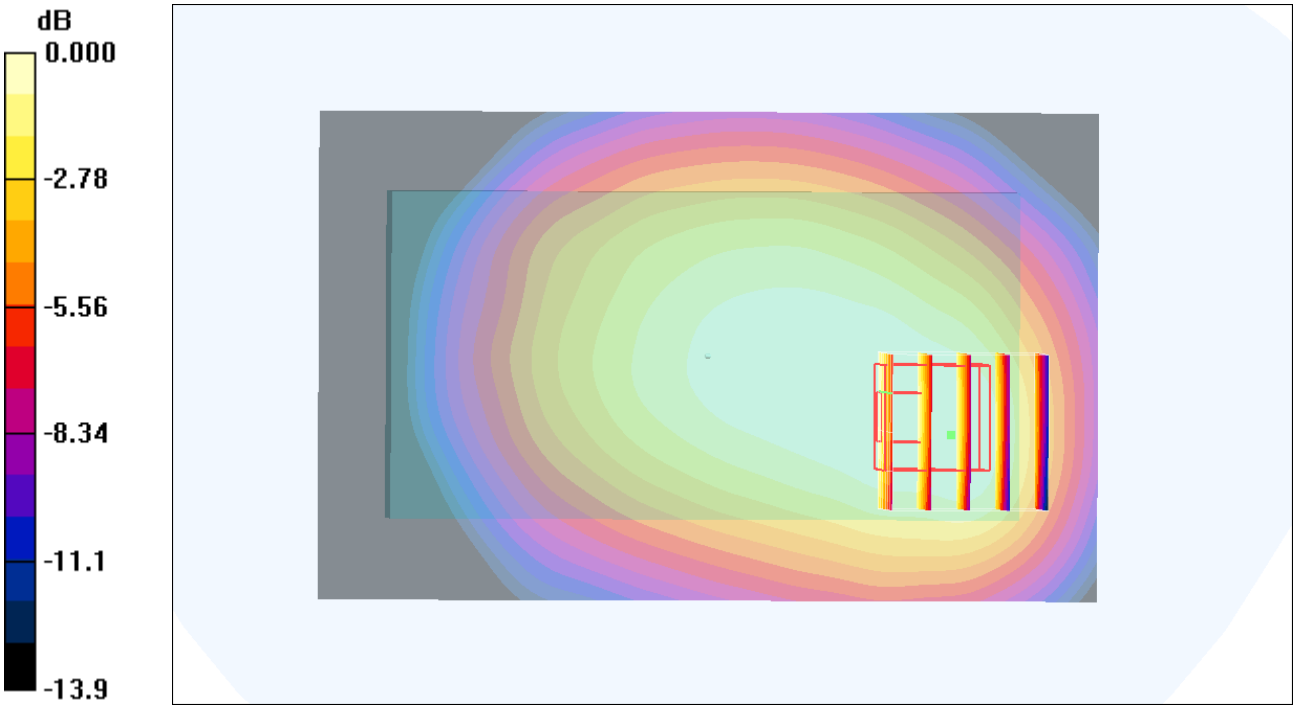
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_110604 Medium parameters used: f = 710 MHz; σ = 0.928 mho/m; ε_r = 52.92; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃； Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.123 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.7 V/m; Power Drift = -0.011 dB
Peak SAR (extrapolated) = 0.143 W/kg
SAR(1 g) = 0.113 mW/g; SAR(10 g) = 0.083 mW/g
Maximum value of SAR (measured) = 0.118 mW/g



0 dB = 0.118mW/g

#162 LTE Band 17_16QAM(1-0)_Front Face_1cm_Ch23790

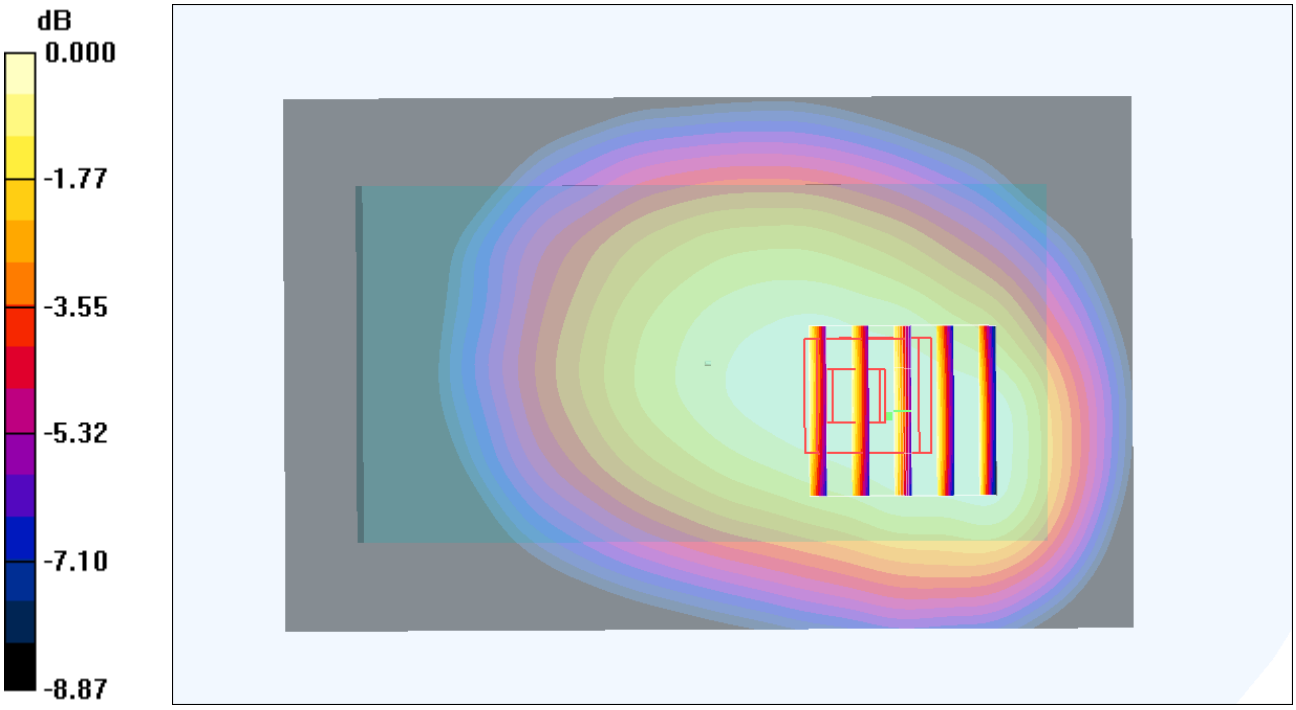
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_110604 Medium parameters used: f = 710 MHz; σ = 0.928 mho/m; ε_r = 52.92; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃； Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.125 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.8 V/m; Power Drift = 0.120 dB
Peak SAR (extrapolated) = 0.147 W/kg
SAR(1 g) = 0.118 mW/g; SAR(10 g) = 0.092 mW/g
Maximum value of SAR (measured) = 0.123 mW/g



0 dB = 0.123mW/g

#163 LTE Band 17_16QAM(1-49)_Front Face_1cm_Ch23790

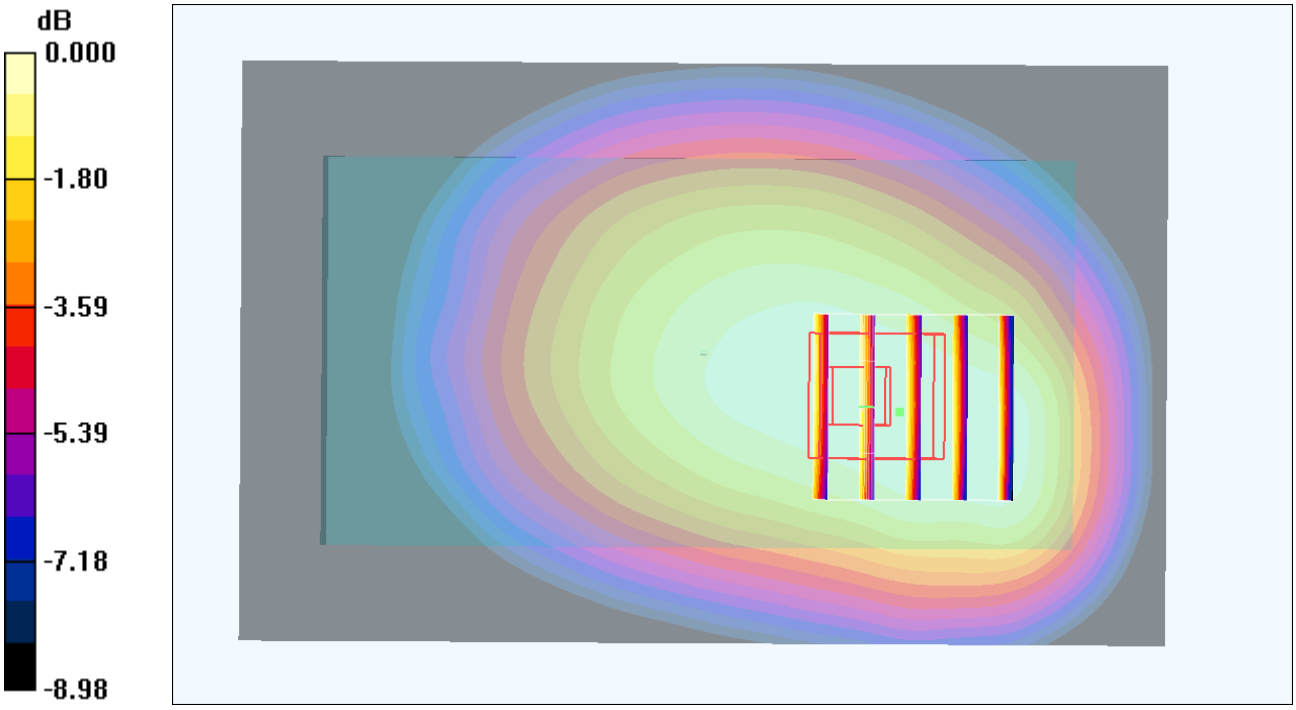
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_110604 Medium parameters used: f = 710 MHz; σ = 0.928 mho/m; ε_r = 52.92; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃； Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.127 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.2 V/m; Power Drift = -0.005 dB
Peak SAR (extrapolated) = 0.150 W/kg
SAR(1 g) = 0.121 mW/g; SAR(10 g) = 0.094 mW/g
Maximum value of SAR (measured) = 0.126 mW/g



0 dB = 0.126mW/g

#164 LTE Band 17_16QAM(25-13)_Rear Face_1cm_Ch23790

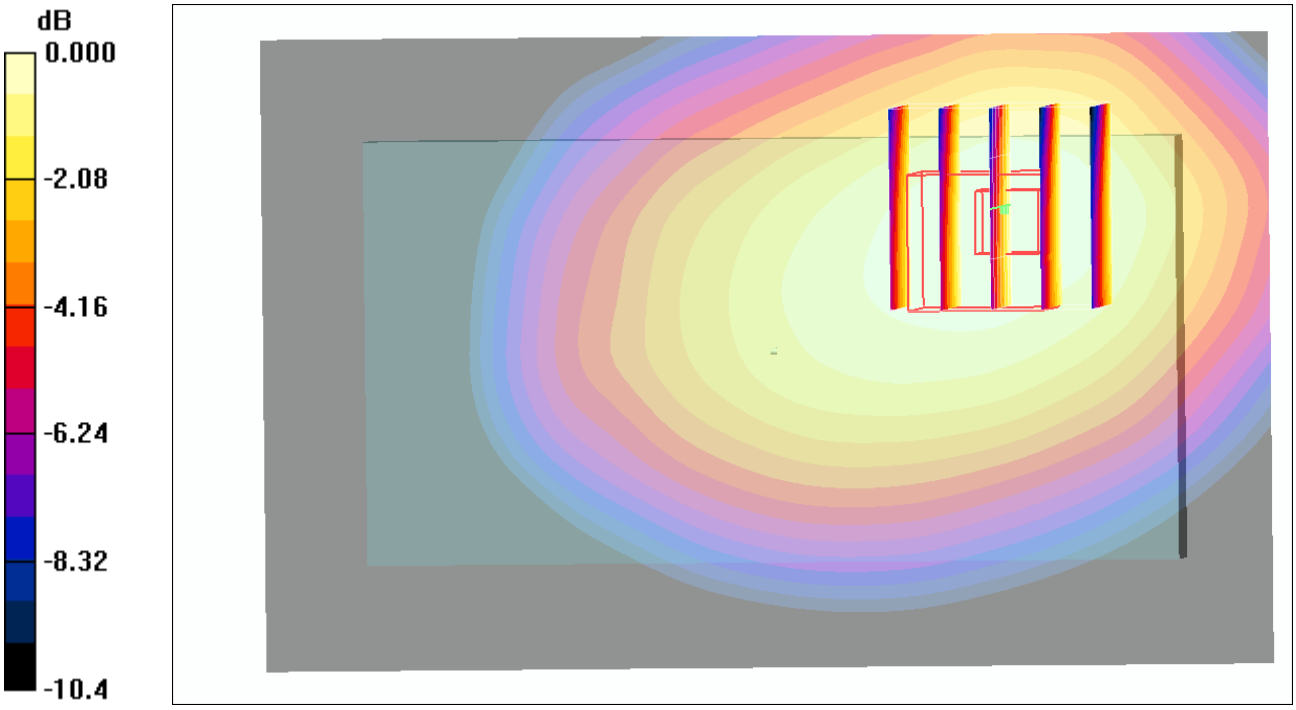
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_110604 Medium parameters used: f = 710 MHz; σ = 0.928 mho/m; ε_r = 52.92; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃； Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.137 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.1 V/m; Power Drift = 0.010 dB
Peak SAR (extrapolated) = 0.170 W/kg
SAR(1 g) = 0.126 mW/g; SAR(10 g) = 0.095 mW/g
Maximum value of SAR (measured) = 0.132 mW/g



0 dB = 0.132mW/g

#165 LTE Band 17_16QAM(1-0)_Rear Face _1cm_Ch23790

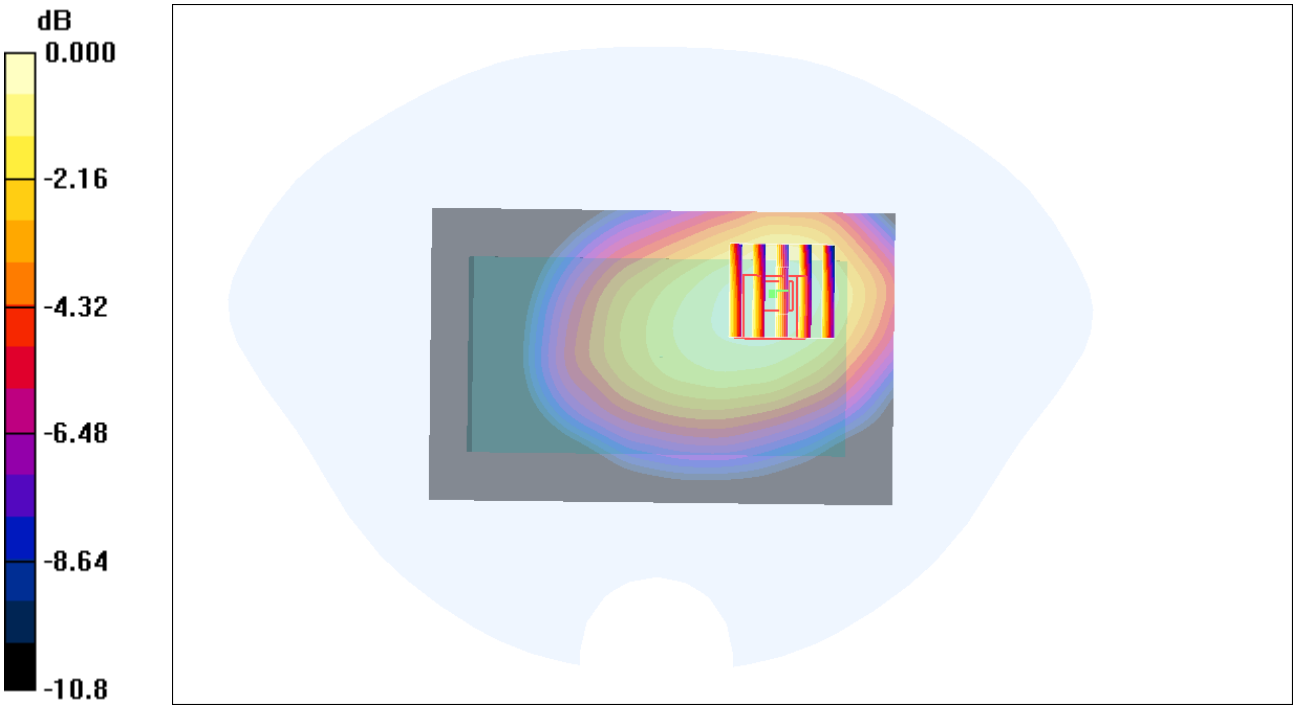
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_110604 Medium parameters used: f = 710 MHz; σ = 0.928 mho/m; ε_r = 52.92; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃； Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.141 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.0 V/m; Power Drift = 0.042 dB
Peak SAR (extrapolated) = 0.176 W/kg
SAR(1 g) = 0.130 mW/g; SAR(10 g) = 0.098 mW/g
Maximum value of SAR (measured) = 0.137 mW/g



0 dB = 0.137mW/g

#165 LTE Band 17_16QAM(1-0)_Rear Face_1cm_Ch23790_2D

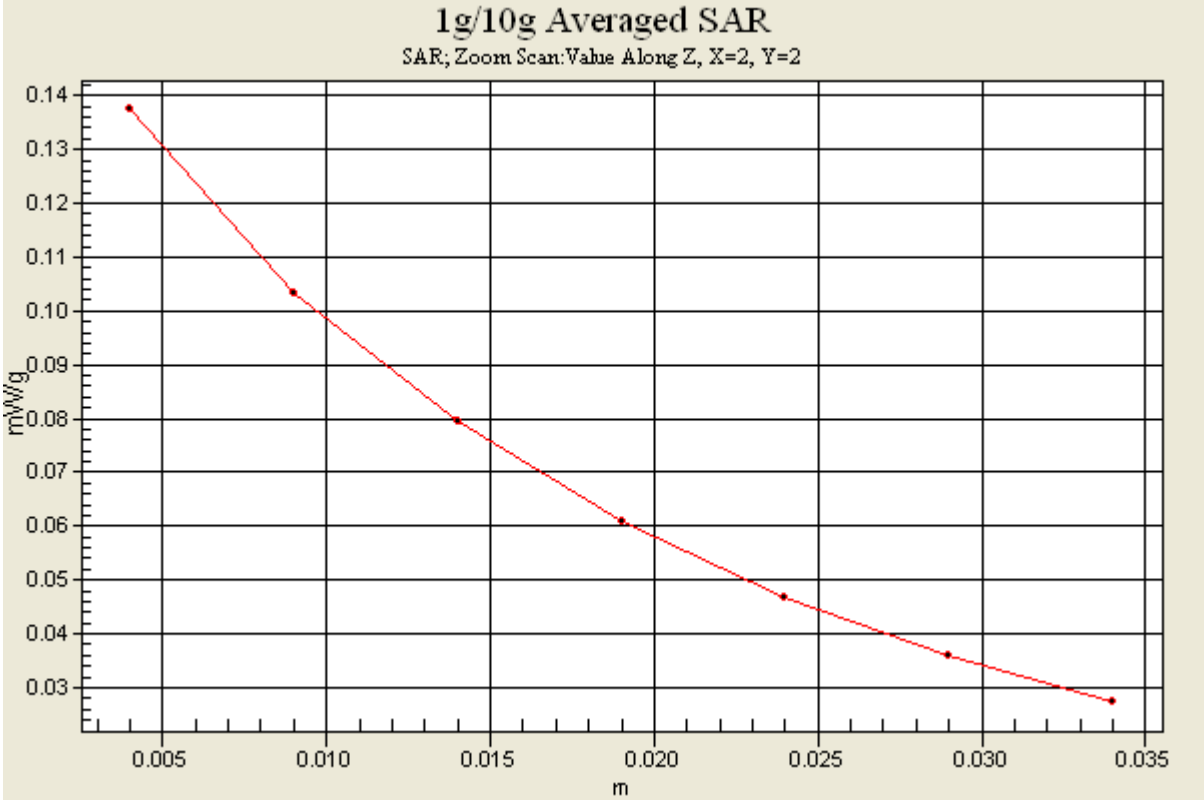
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_110604 Medium parameters used: f = 710 MHz; σ = 0.928 mho/m; ε_r = 52.92; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃； Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.141 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.0 V/m; Power Drift = 0.042 dB
Peak SAR (extrapolated) = 0.176 W/kg
SAR(1 g) = 0.130 mW/g; SAR(10 g) = 0.098 mW/g
Maximum value of SAR (measured) = 0.137 mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=2
mW/g
0.14
0.13
0.12
0.11
0.10
0.09
0.08
0.07
0.06
0.05
0.04
0.03
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

#166 LTE Band 17_16QAM(1-49)_Rear Face_1cm_Ch23790

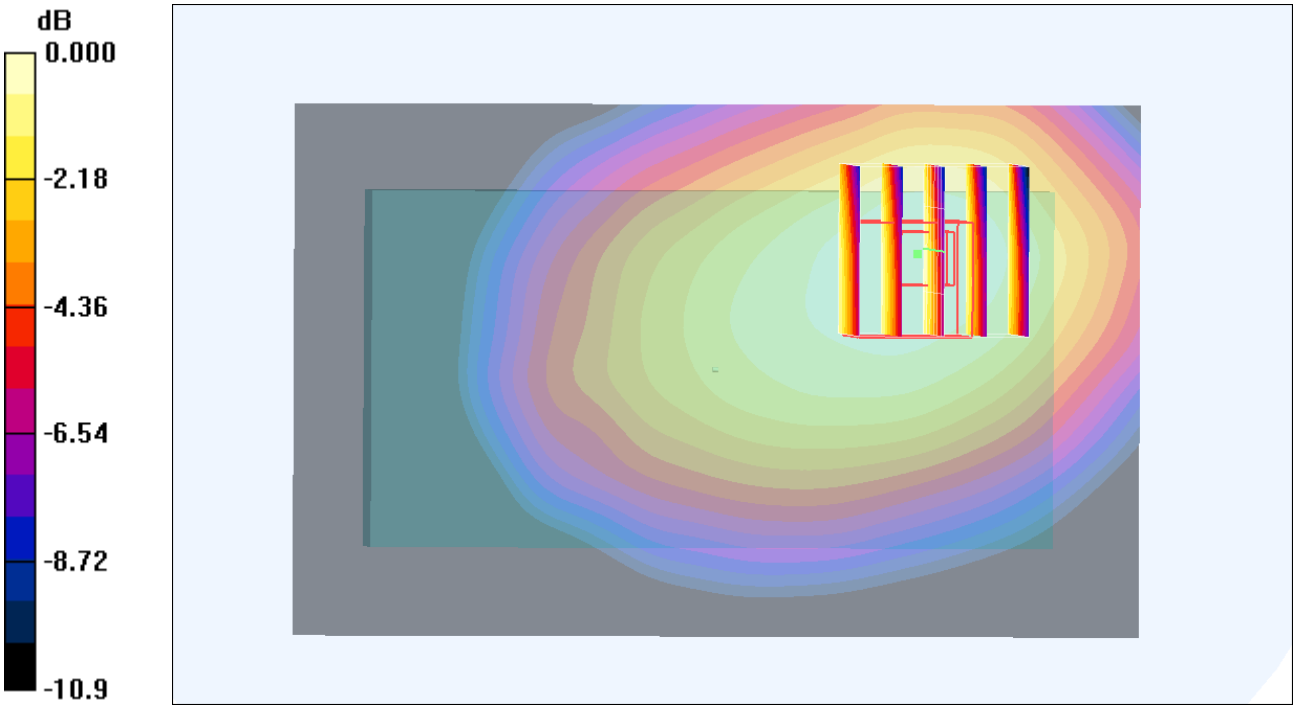
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_110604 Medium parameters used: f = 710 MHz; σ = 0.928 mho/m; ε_r = 52.92; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃； Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.133 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.87 V/m; Power Drift = -0.041 dB
Peak SAR (extrapolated) = 0.164 W/kg
SAR(1 g) = 0.122 mW/g; SAR(10 g) = 0.092 mW/g
Maximum value of SAR (measured) = 0.129 mW/g



0 dB = 0.129mW/g

#170 LTE Band 17_16QAM(25-13)_Right Side_1cm_Ch23790

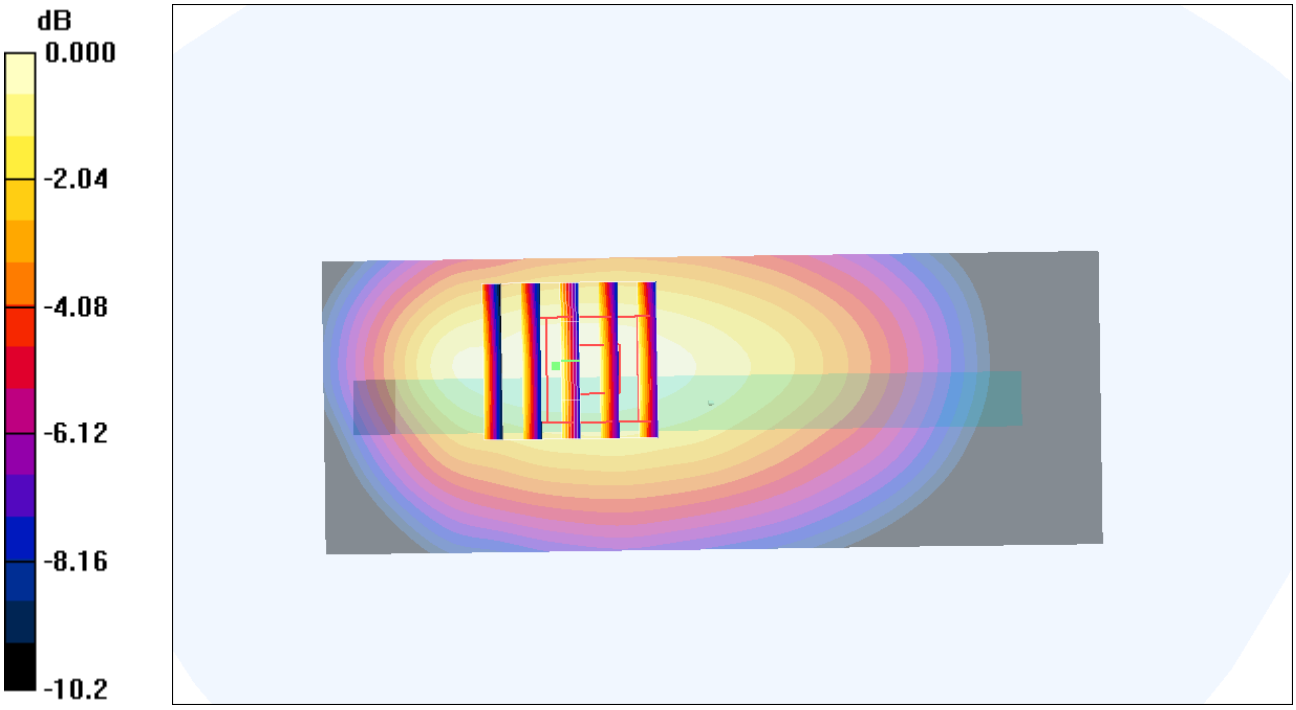
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_110604 Medium parameters used: f = 710 MHz; σ = 0.928 mho/m; ε_r = 52.92; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.123 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.6 V/m; Power Drift = -0.024 dB
Peak SAR (extrapolated) = 0.167 W/kg
SAR(1 g) = 0.116 mW/g; SAR(10 g) = 0.082 mW/g
Maximum value of SAR (measured) = 0.122 mW/g



0 dB = 0.122mW/g

#171 LTE Band 17_16QAM(1-0)_Right Side_1cm_Ch23790

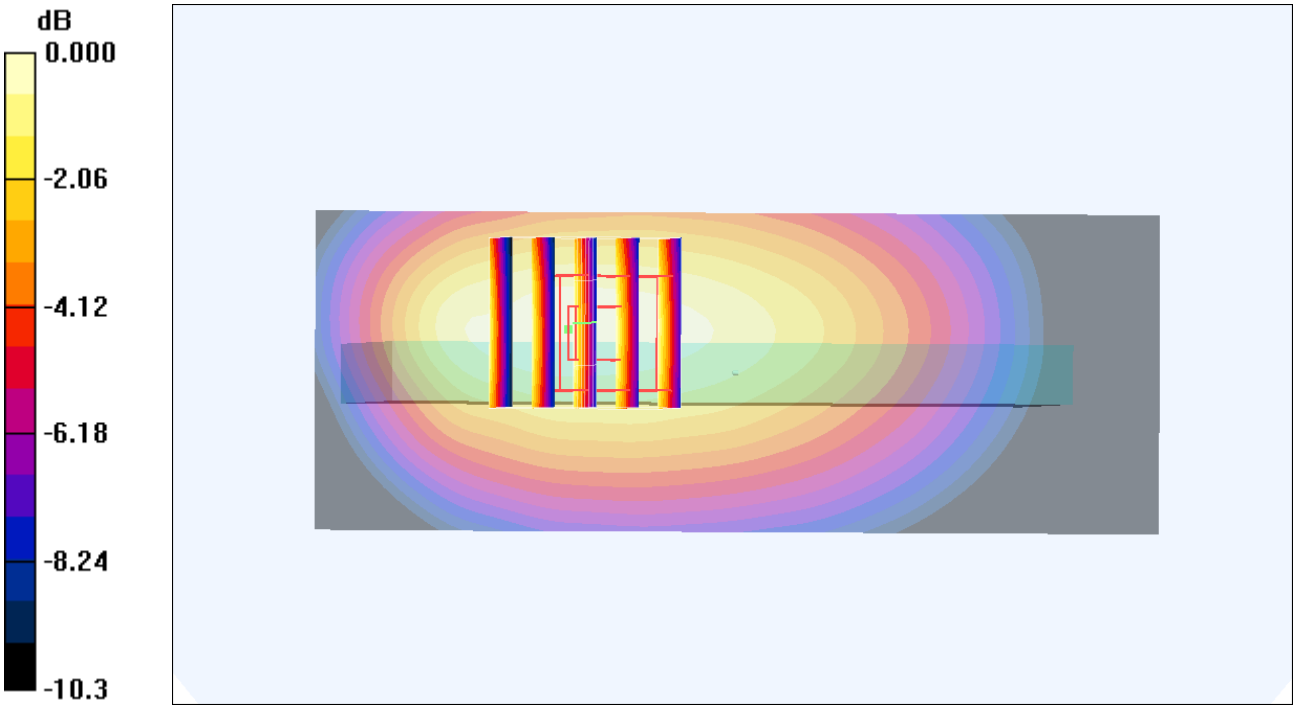
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_110604 Medium parameters used: f = 710 MHz; σ = 0.928 mho/m; ε_r = 52.92; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.124 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.5 V/m; Power Drift = 0.159 dB
Peak SAR (extrapolated) = 0.168 W/kg
SAR(1 g) = 0.119 mW/g; SAR(10 g) = 0.084 mW/g
Maximum value of SAR (measured) = 0.126 mW/g



0 dB = 0.126mW/g

#172 LTE Band 17_16QAM(1-49)_Right Side_1cm_Ch23790

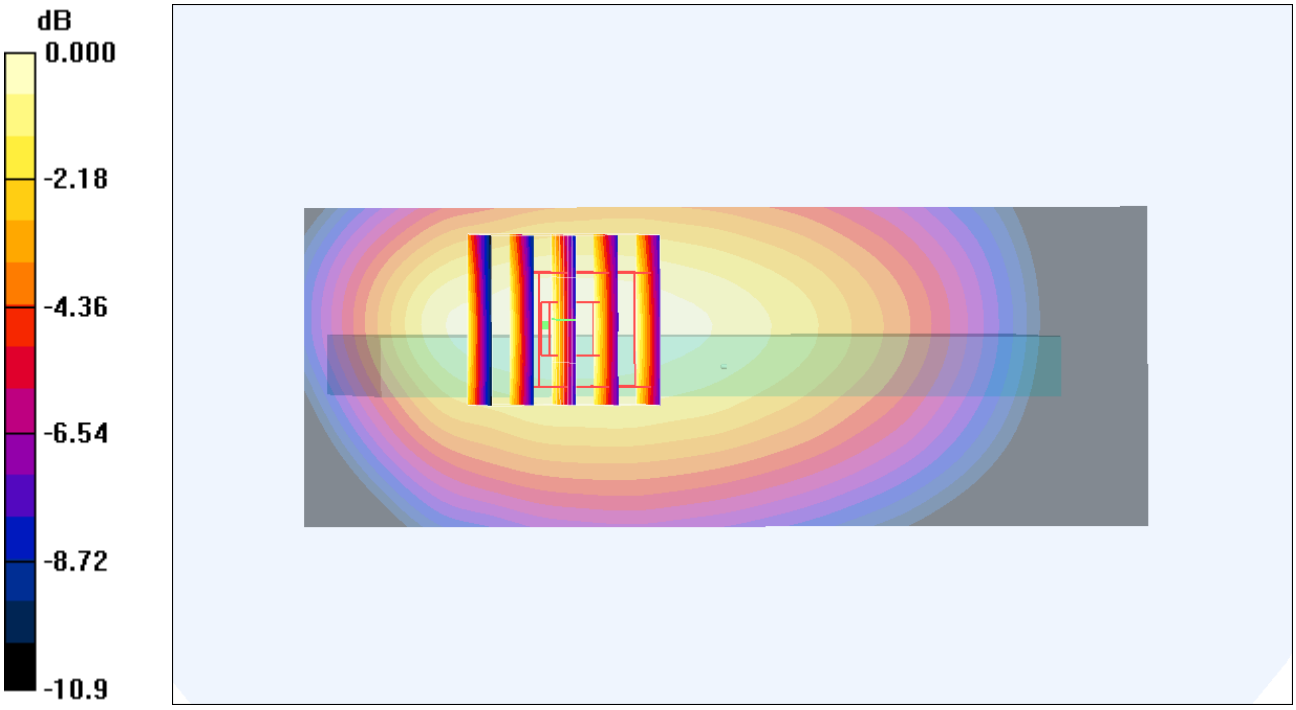
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_110604 Medium parameters used: f = 710 MHz; σ = 0.928 mho/m; ε_r = 52.92; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.118 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.2 V/m; Power Drift = -0.001 dB
Peak SAR (extrapolated) = 0.152 W/kg
SAR(1 g) = 0.110 mW/g; SAR(10 g) = 0.078 mW/g
Maximum value of SAR (measured) = 0.117 mW/g



0 dB = 0.117mW/g

#173 LTE Band 17_16QAM(25-13)_Top Side_1cm_Ch23790

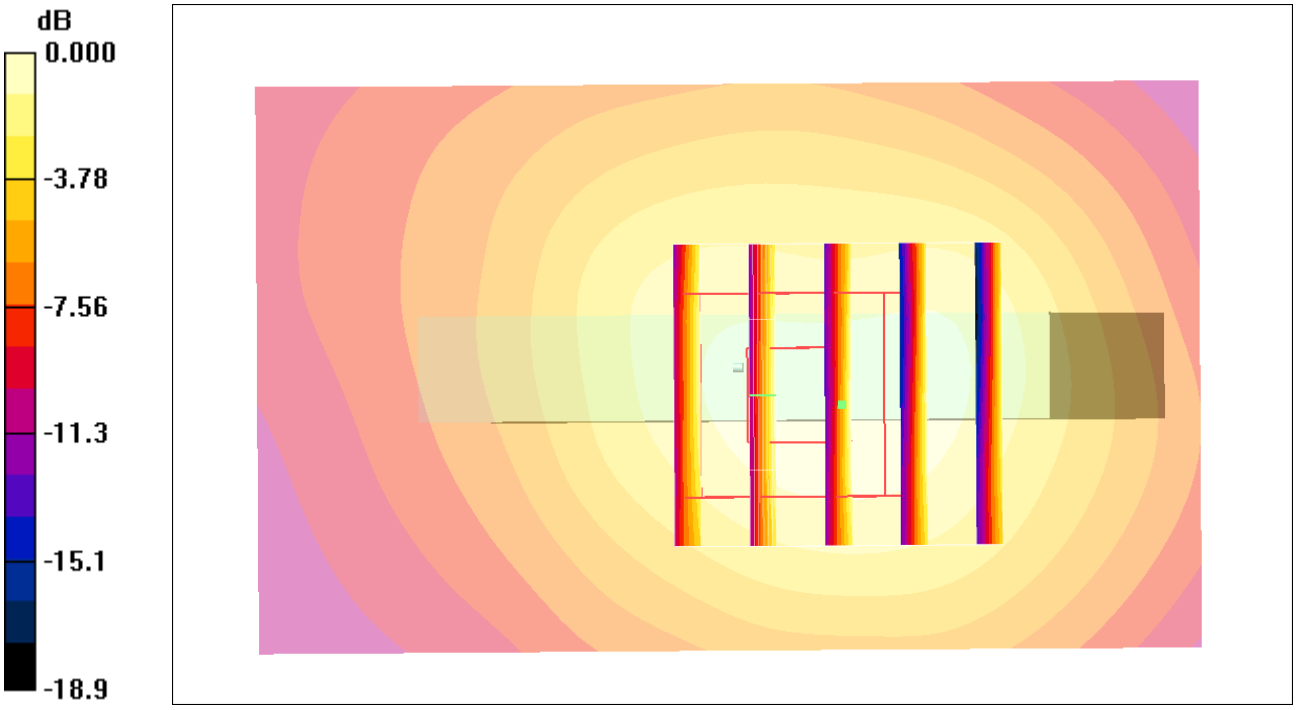
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_110604 Medium parameters used: f = 710 MHz; σ = 0.928 mho/m; ε_r = 52.92; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃； Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.067 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.62 V/m; Power Drift = 0.010 dB
Peak SAR (extrapolated) = 0.113 W/kg
SAR(1 g) = 0.063 mW/g; SAR(10 g) = 0.037 mW/g
Maximum value of SAR (measured) = 0.069 mW/g



0 dB = 0.069mW/g

#174 LTE Band 17_16QAM(1-0)_Top Side _1cm_Ch23790

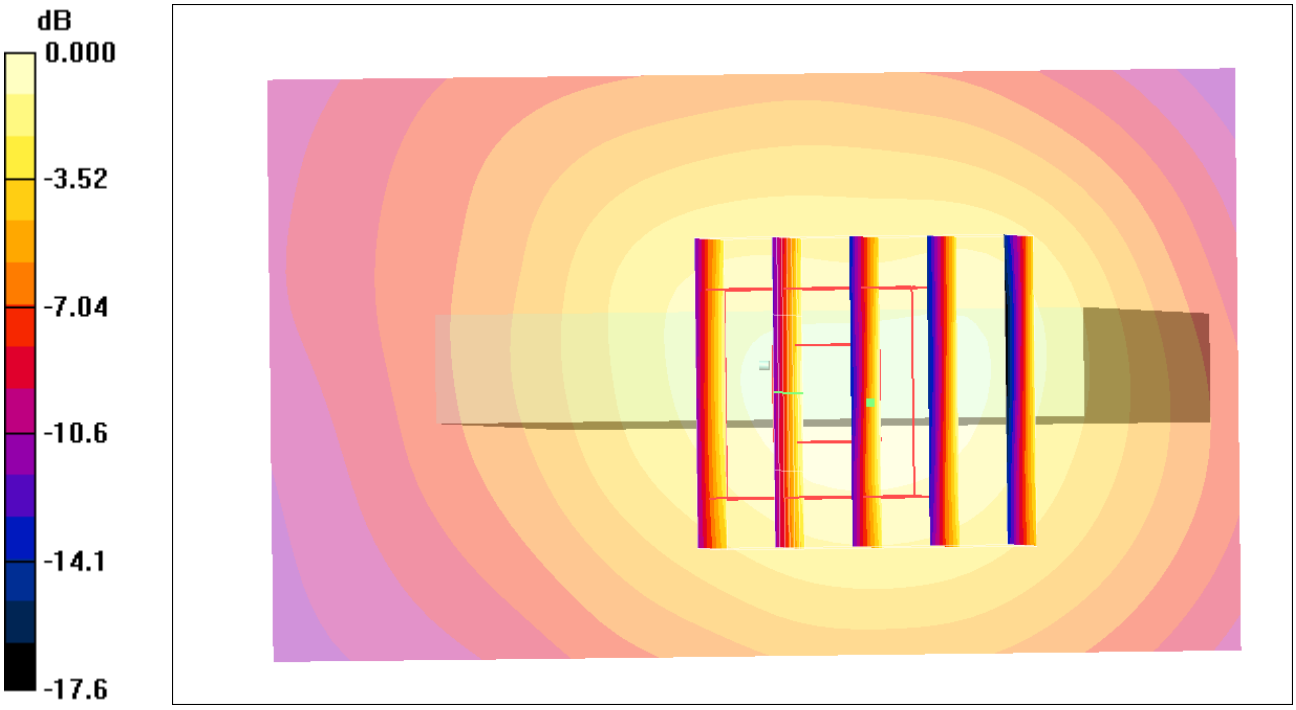
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_110604 Medium parameters used: f = 710 MHz; σ = 0.928 mho/m; ε_r = 52.92; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃； Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.068 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.67 V/m; Power Drift = 0.099 dB
Peak SAR (extrapolated) = 0.122 W/kg
SAR(1 g) = 0.066 mW/g; SAR(10 g) = 0.038 mW/g
Maximum value of SAR (measured) = 0.072 mW/g



0 dB = 0.072mW/g

#175 LTE Band 17_16QAM(1-49)_Top Side _1cm_Ch23790

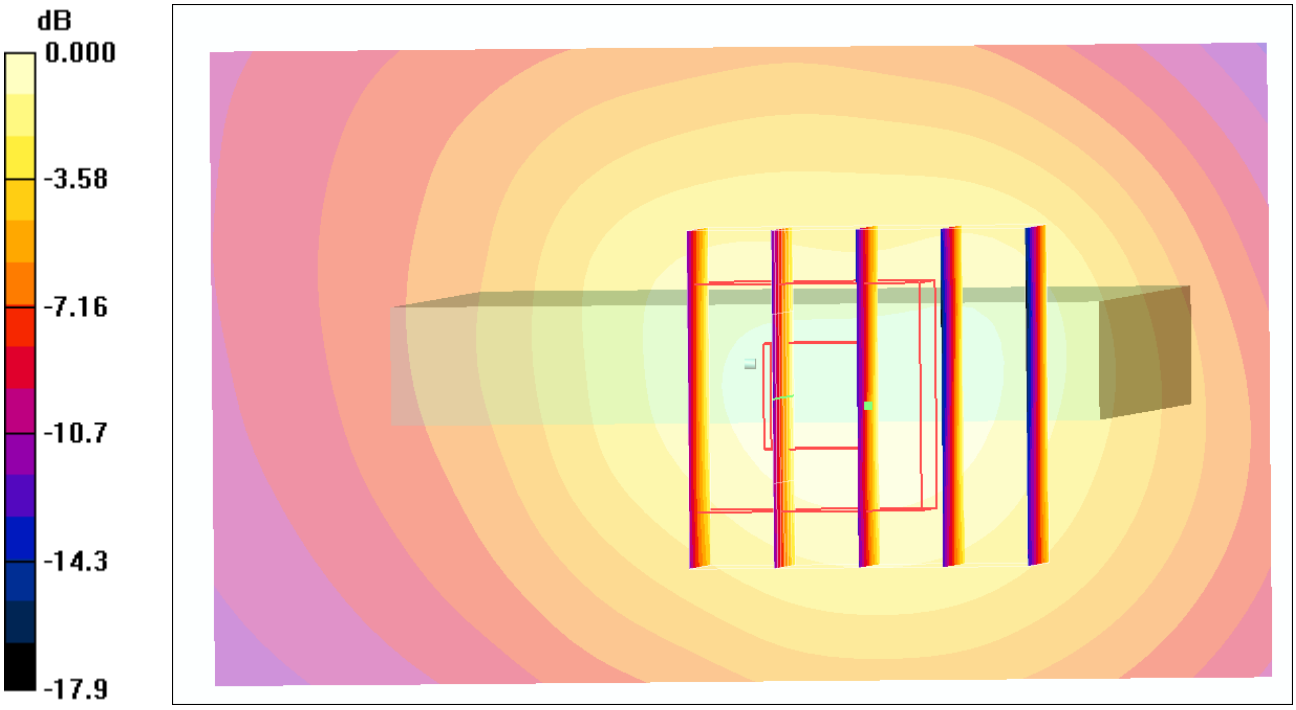
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_110604 Medium parameters used: f = 710 MHz; σ = 0.928 mho/m; ε_r = 52.92; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃； Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.064 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.50 V/m; Power Drift = 0.034 dB
Peak SAR (extrapolated) = 0.112 W/kg
SAR(1 g) = 0.062 mW/g; SAR(10 g) = 0.036 mW/g
Maximum value of SAR (measured) = 0.067 mW/g



0 dB = 0.067mW/g

#176 LTE Band 17_16QAM(25-13)_Rear Face_1cm_Ch23790_Earphone

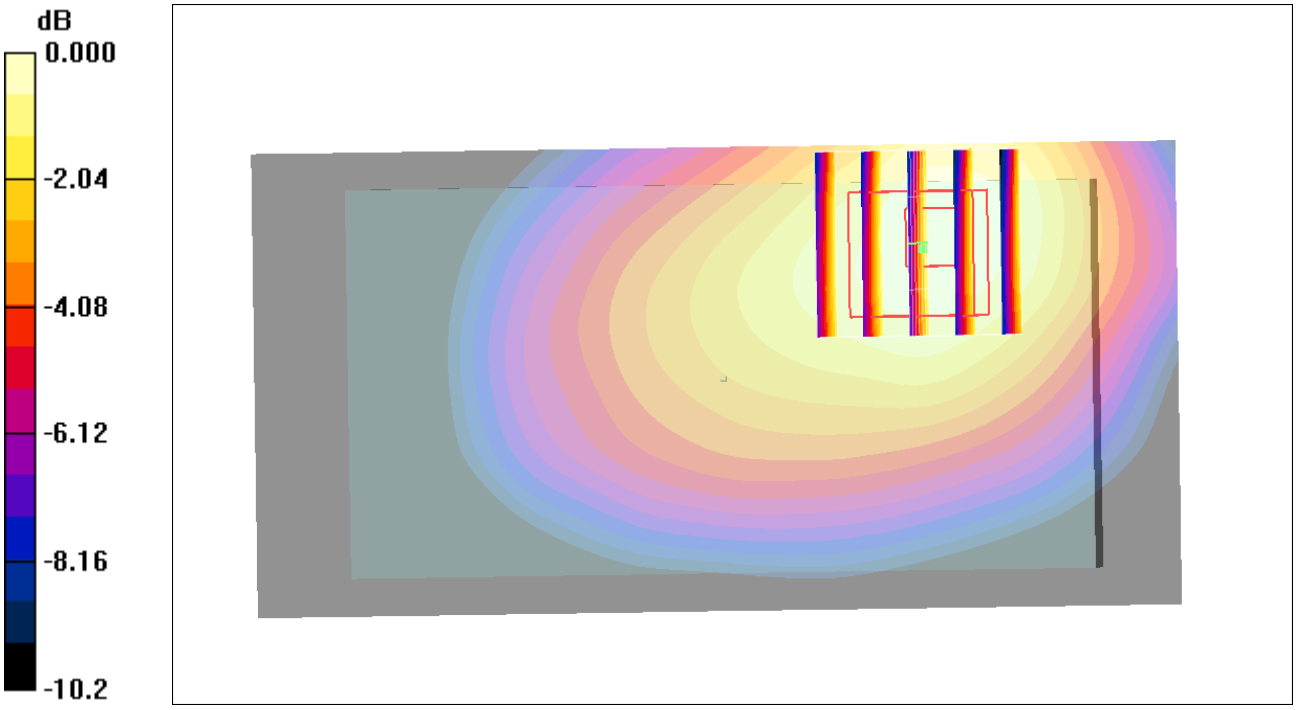
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_110604 Medium parameters used: f = 710 MHz; σ = 0.928 mho/m; ε_r = 52.92; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃； Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.109 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.16 V/m; Power Drift = 0.091 dB
Peak SAR (extrapolated) = 0.148 W/kg
SAR(1 g) = 0.105 mW/g; SAR(10 g) = 0.074 mW/g
Maximum value of SAR (measured) = 0.111 mW/g



0 dB = 0.111mW/g

#177 LTE Band 17_16QAM(1-0)_Rear Face_1cm_Ch23790_Earphone

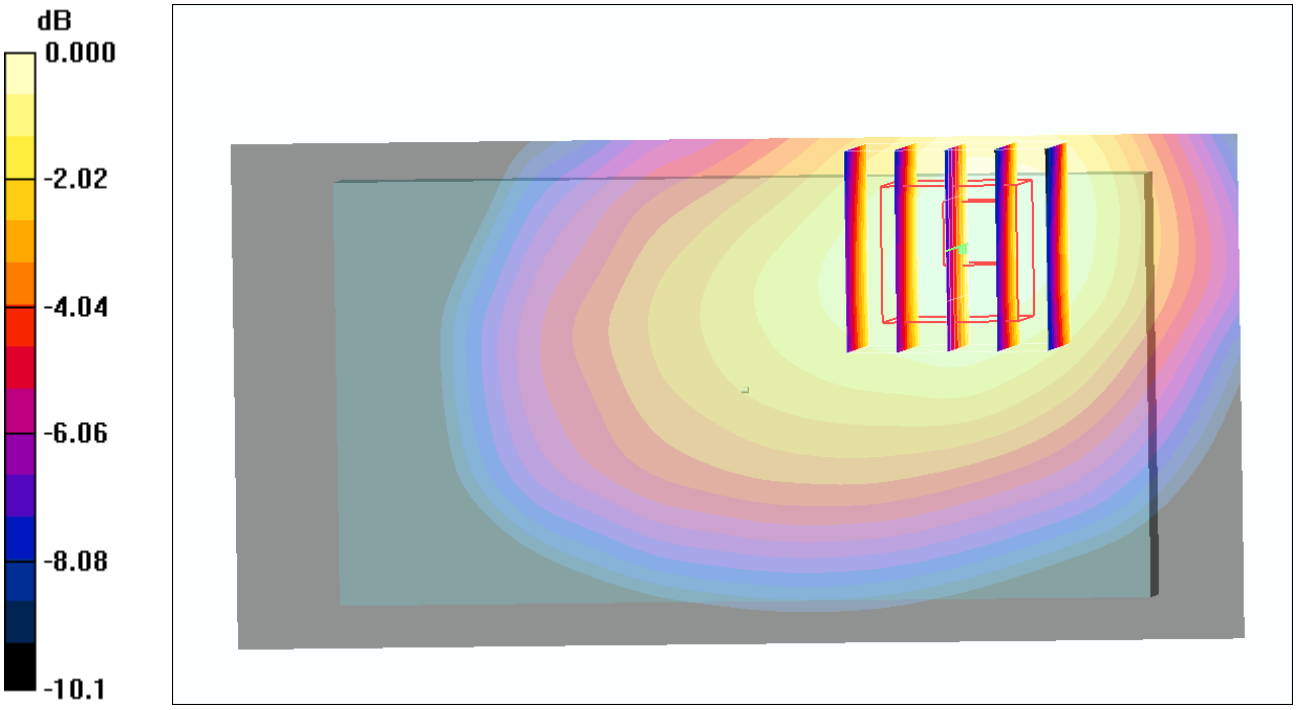
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_110604 Medium parameters used: f = 710 MHz; σ = 0.928 mho/m; ε_r = 52.92; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃； Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.112 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.28 V/m; Power Drift = 0.023 dB
Peak SAR (extrapolated) = 0.151 W/kg
SAR(1 g) = 0.107 mW/g; SAR(10 g) = 0.077 mW/g
Maximum value of SAR (measured) = 0.112 mW/g



0 dB = 0.112mW/g

#178 LTE Band 17_16QAM(1-49)_Rear Face_1cm_Ch23790_Earphone

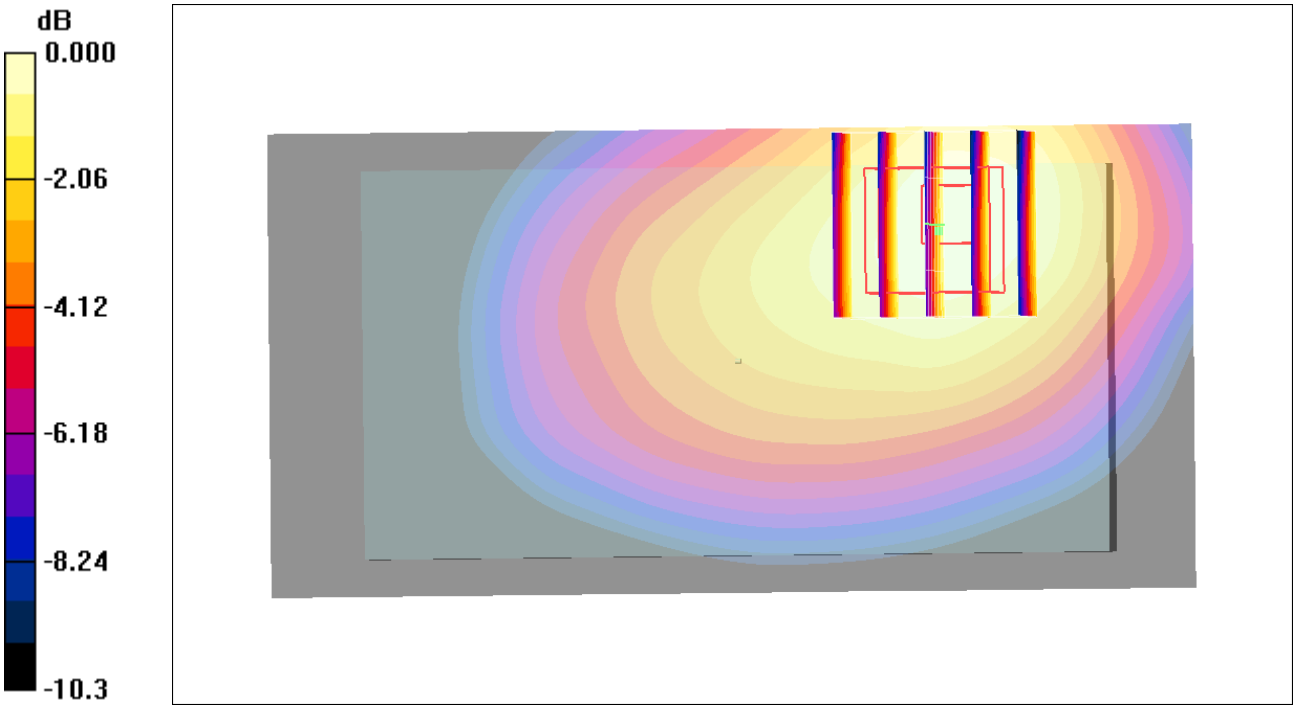
DUT: 142244-01

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_110604 Medium parameters used: f = 710 MHz; σ = 0.928 mho/m; ε_r = 52.92; ρ = 1000 kg/m^3
Ambient Temperature：22.3 ℃； Liquid Temperature：21.3 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch23790/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.106 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.07 V/m; Power Drift = 0.114 dB
Peak SAR (extrapolated) = 0.137 W/kg
SAR(1 g) = 0.101 mW/g; SAR(10 g) = 0.072 mW/g
Maximum value of SAR (measured) = 0.108 mW/g



0 dB = 0.108mW/g

#69 LTE Band 4_QPSK(25-13)_Front Face _1cm_Ch20175

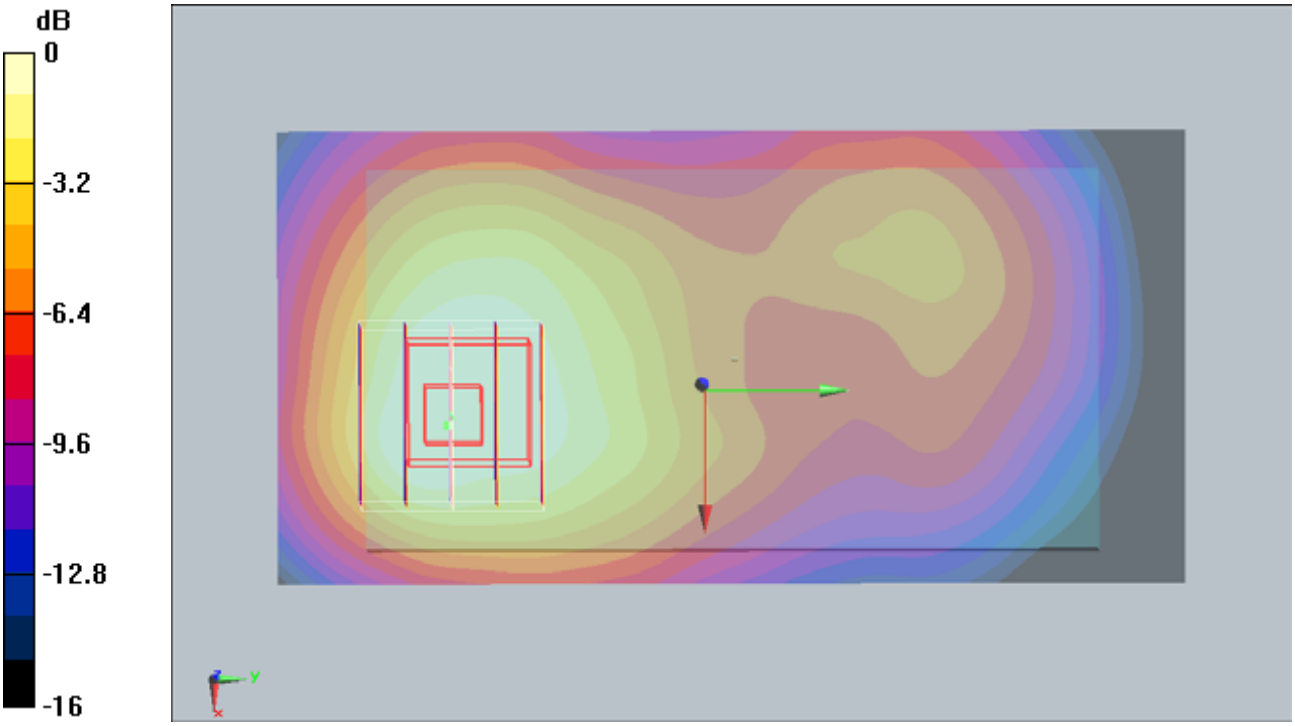
DUT: 142244-01

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110605 Medium parameters used: f = 1732.5 MHz; σ = 1.47 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch20175/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.1 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.8 V/m; Power Drift = 0.095 dB
Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 0.862 mW/g; SAR(10 g) = 0.551 mW/g
Maximum value of SAR (measured) = 0.923 mW/g



0 dB = 0.923mW/g

#69 LTE Band 4_QPSK(25-13)_Front Face _1cm_Ch20175_2D

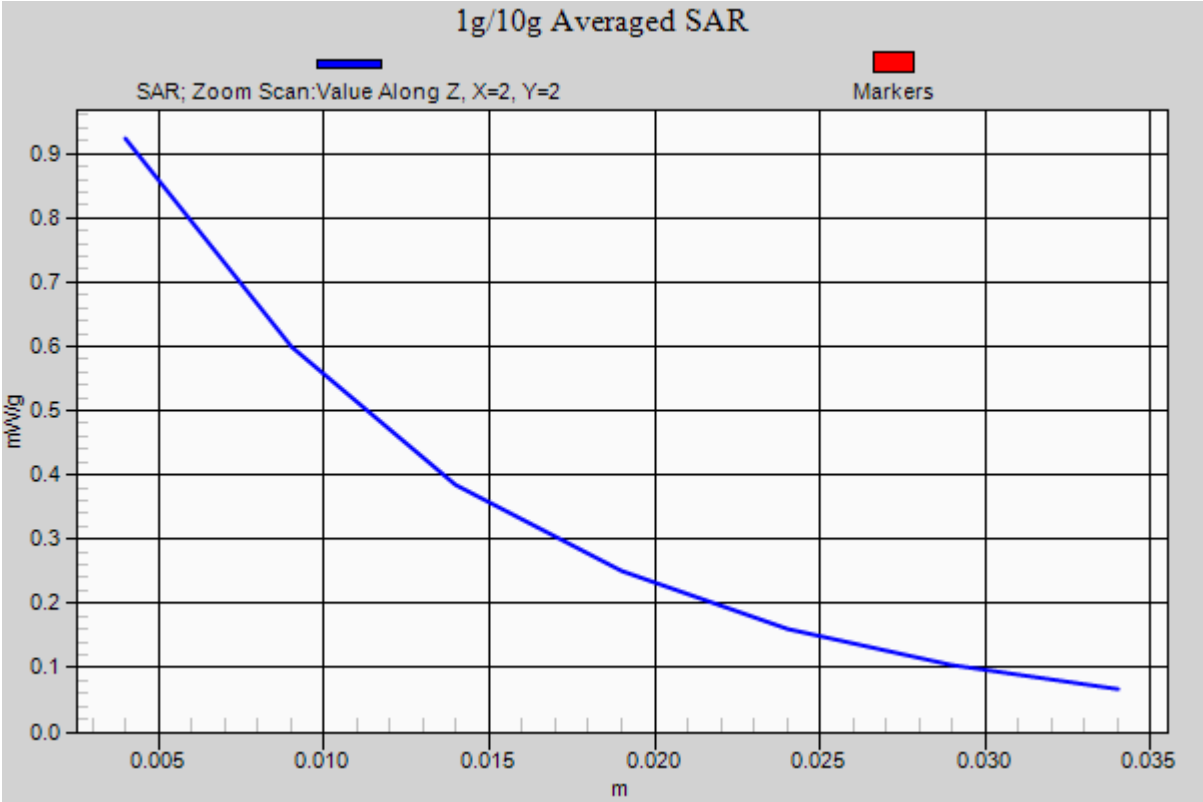
DUT: 142244-01

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110605 Medium parameters used: f = 1732.5 MHz; σ = 1.47 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃； Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch20175/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.1 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.8 V/m; Power Drift = 0.095 dB
Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 0.862 mW/g; SAR(10 g) = 0.551 mW/g
Maximum value of SAR (measured) = 0.923 mW/g



#146 LTE Band 4_QPSK(25-13)_Front Face _1cm_Ch20000

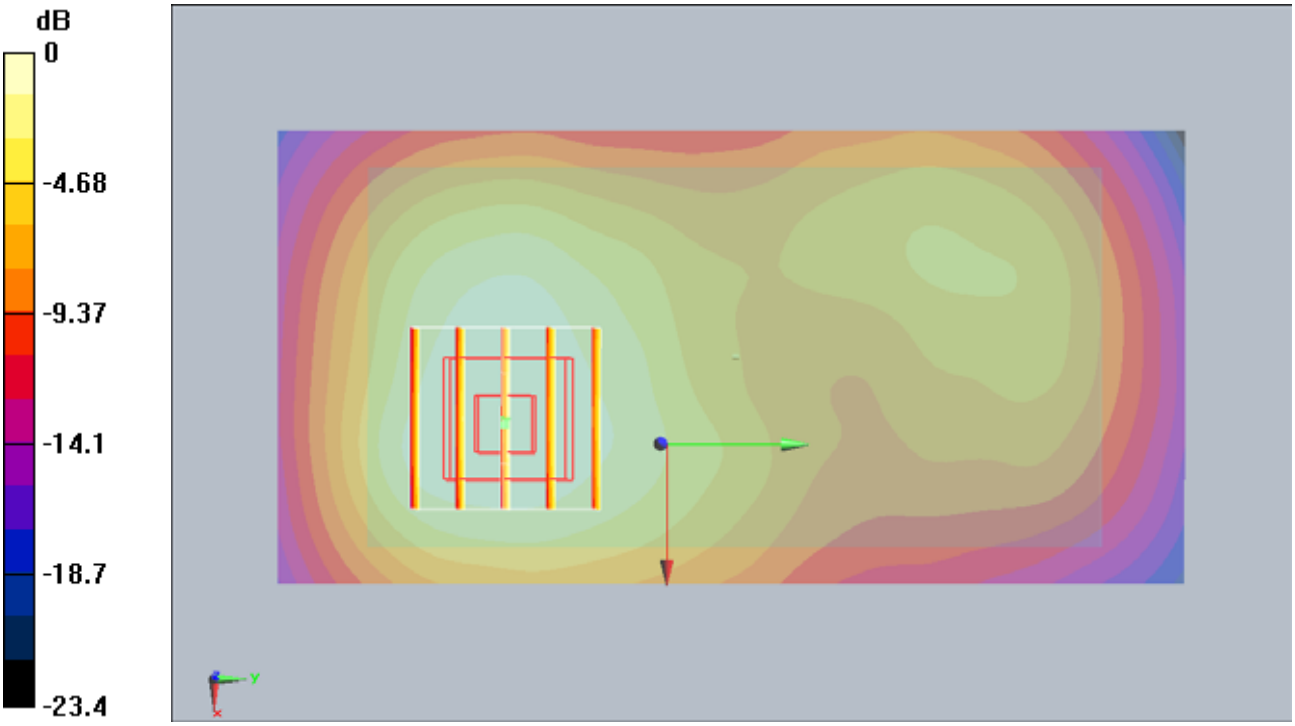
DUT: 142244-01

Communication System: LTE; Frequency: 1715 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110605 Medium parameters used: f = 1715 MHz; σ = 1.46 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch20000/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.967 mW/g

Ch20000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.5 V/m; Power Drift = -0.125 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.833 mW/g; SAR(10 g) = 0.536 mW/g
Maximum value of SAR (measured) = 0.896 mW/g



0 dB = 0.896mW/g

#147 LTE Band 4_QPSK(25-13)_Front Face _1cm_Ch20350

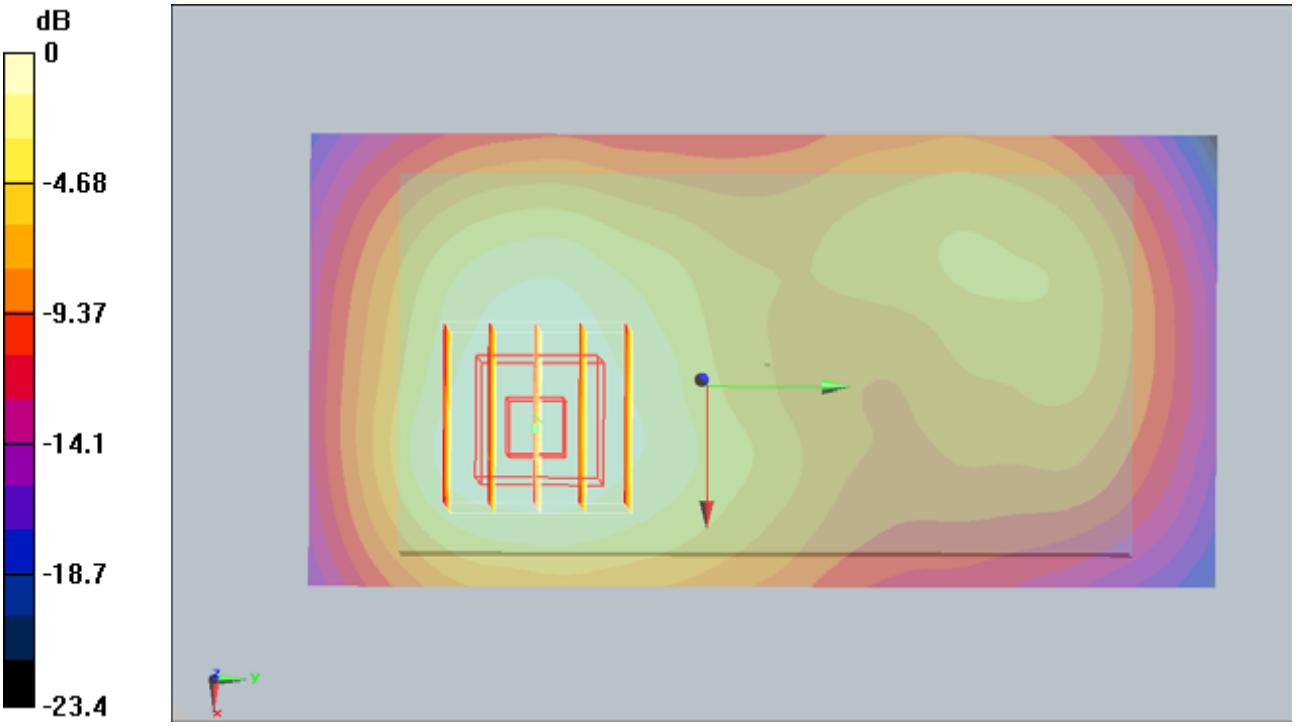
DUT: 142244-01

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110605 Medium parameters used: f = 1750 MHz; σ = 1.49 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch20350/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.997 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.5 V/m; Power Drift = -0.125 dB
Peak SAR (extrapolated) = 1.29 W/kg
SAR(1 g) = 0.859 mW/g; SAR(10 g) = 0.553 mW/g
Maximum value of SAR (measured) = 0.924 mW/g



0 dB = 0.924mW/g

#148 LTE Band 4_QPSK(1-0)_Front Face _1cm_Ch20175

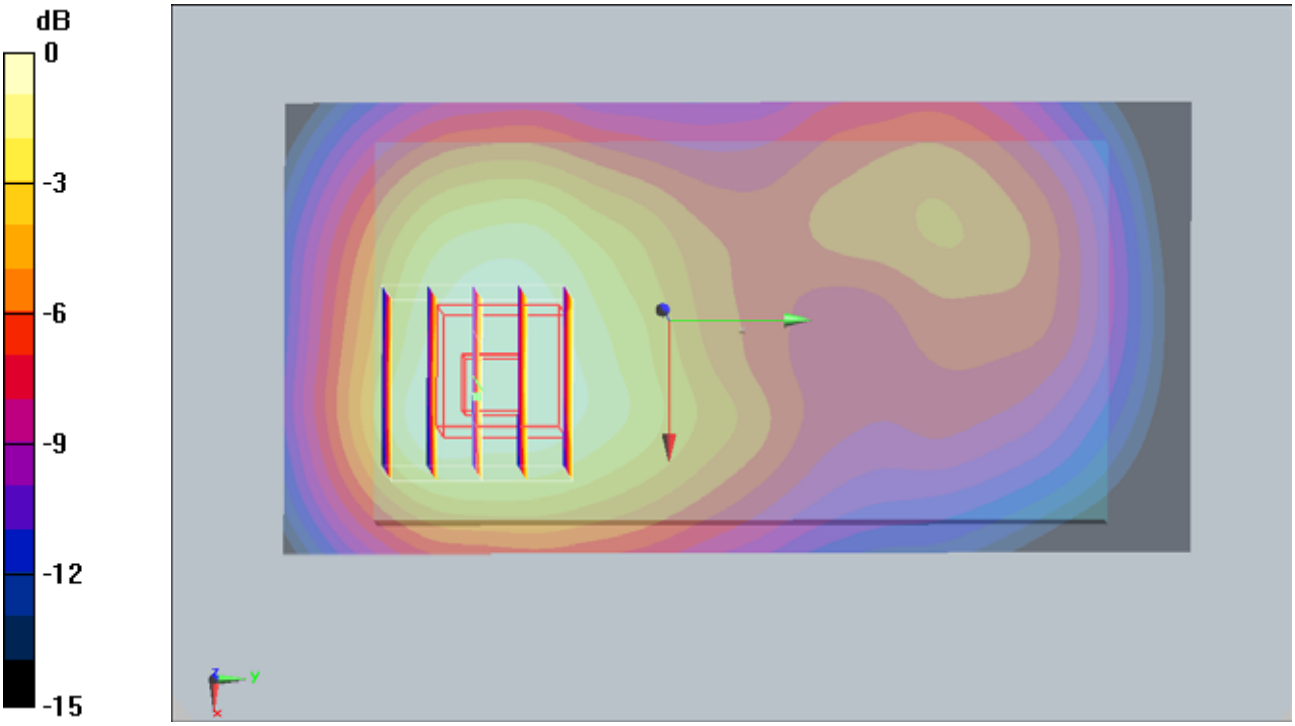
DUT: 142244-01

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110605 Medium parameters used: f = 1732.5 MHz; σ = 1.47 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch20175/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.967 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.4 V/m; Power Drift = -0.044 dB
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.819 mW/g; SAR(10 g) = 0.531 mW/g
Maximum value of SAR (measured) = 0.876 mW/g



0 dB = 0.876mW/g

#149 LTE Band 4_QPSK(1-49)_Front Face _1cm_Ch20175

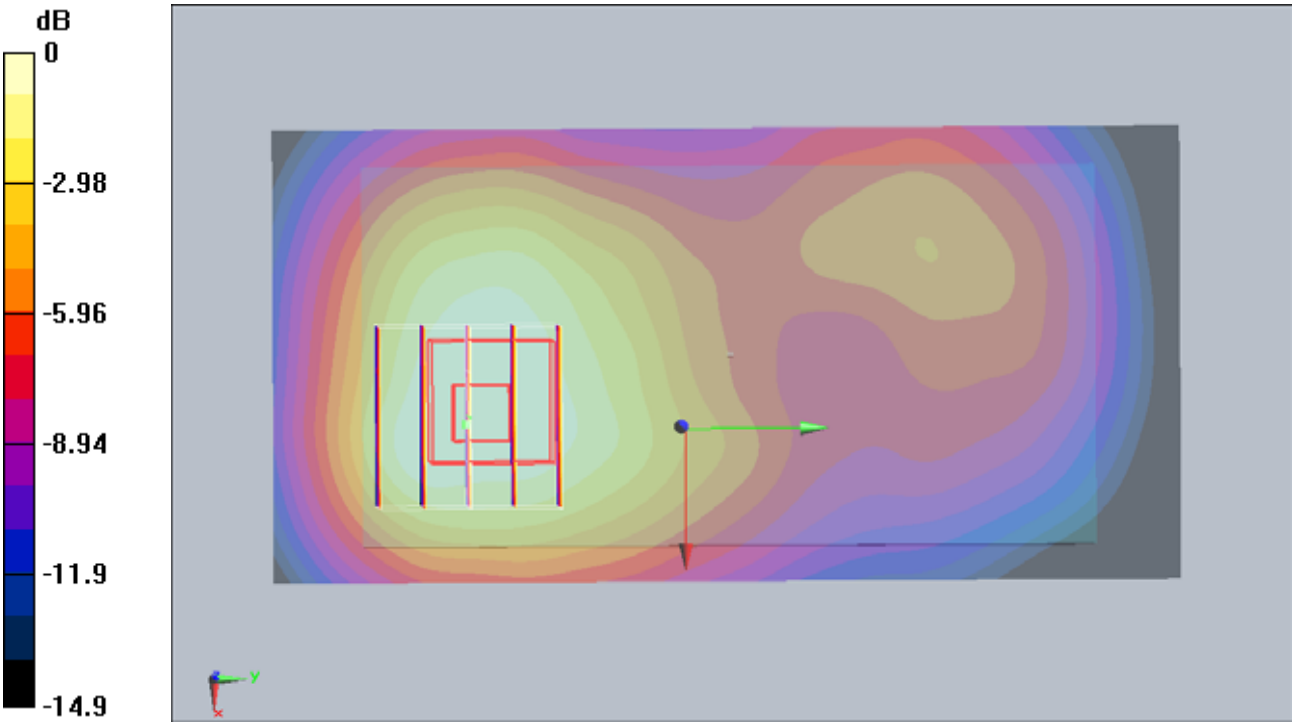
DUT: 142244-01

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110605 Medium parameters used: f = 1732.5 MHz; σ = 1.47 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch20175/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.970 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.4 V/m; Power Drift = 0.00732 dB
Peak SAR (extrapolated) = 1.24 W/kg
SAR(1 g) = 0.818 mW/g; SAR(10 g) = 0.530 mW/g
Maximum value of SAR (measured) = 0.877 mW/g



0 dB = 0.877mW/g

#70 LTE Band 4_QPSK(25-13)_Rear Face _1cm_Ch20175

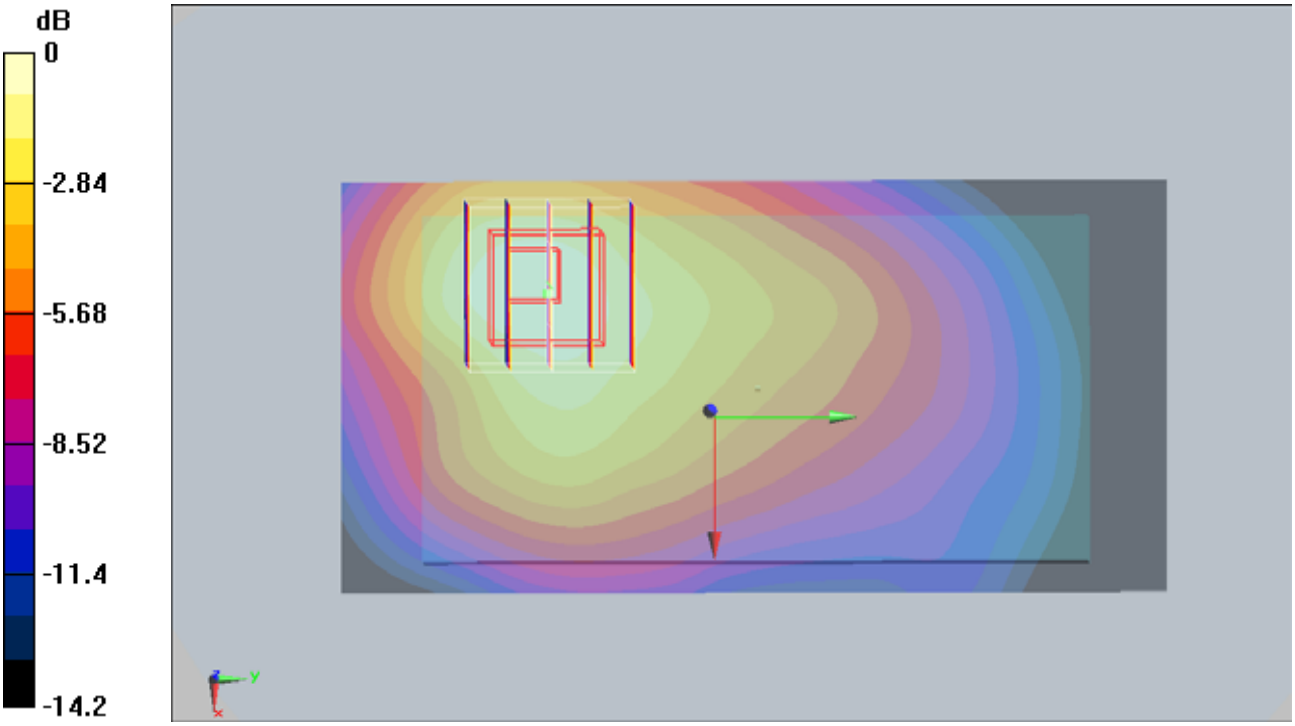
DUT: 142244-01

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110605 Medium parameters used: f = 1732.5 MHz; σ = 1.47 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch20175/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.675 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.9 V/m; Power Drift = 0.125 dB
Peak SAR (extrapolated) = 0.983 W/kg
SAR(1 g) = 0.615 mW/g; SAR(10 g) = 0.377 mW/g
Maximum value of SAR (measured) = 0.653 mW/g



0 dB = 0.653mW/g

#150 LTE Band 4_QPSK(1-0)_Rear Face _1cm_Ch20175

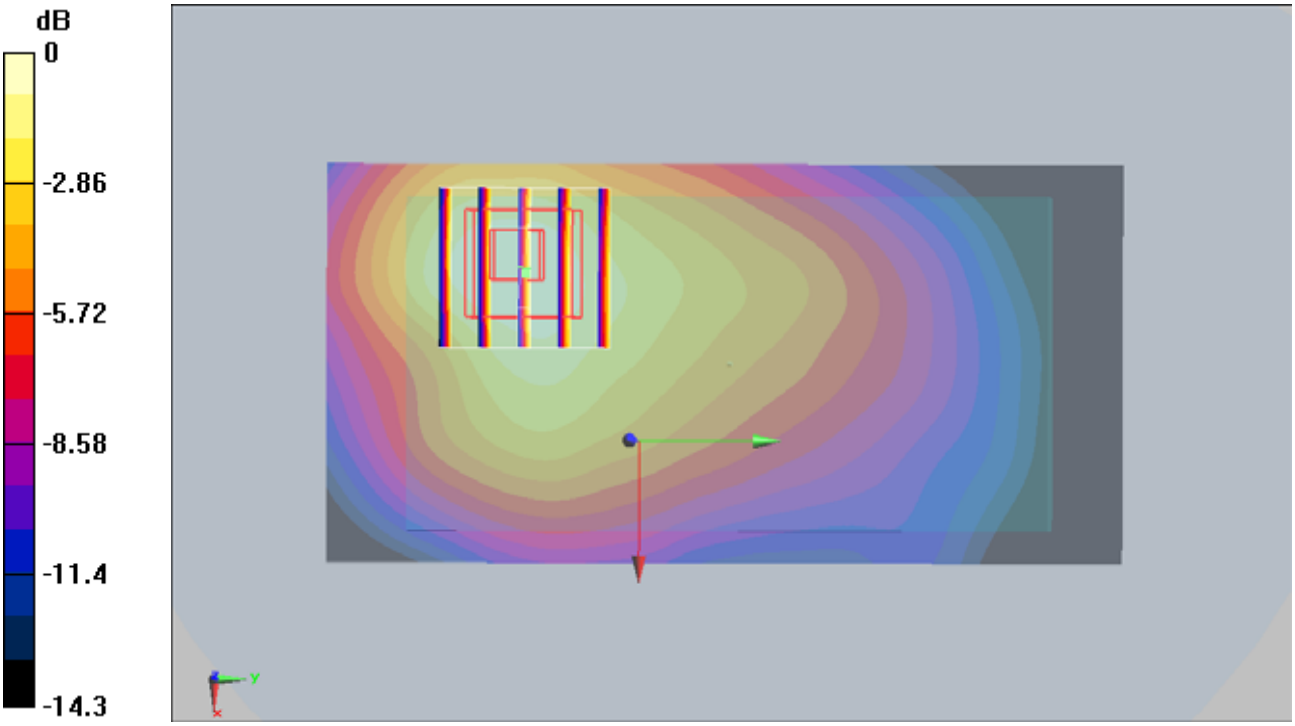
DUT: 142244-01

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110605 Medium parameters used: f = 1732.5 MHz; σ = 1.47 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch20175/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.685 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.9 V/m; Power Drift = 0.140 dB
Peak SAR (extrapolated) = 0.993 W/kg
SAR(1 g) = 0.621 mW/g; SAR(10 g) = 0.381 mW/g
Maximum value of SAR (measured) = 0.663 mW/g



0 dB = 0.663mW/g

#151 LTE Band 4_QPSK(1-49)_Rear Face _1cm_Ch20175

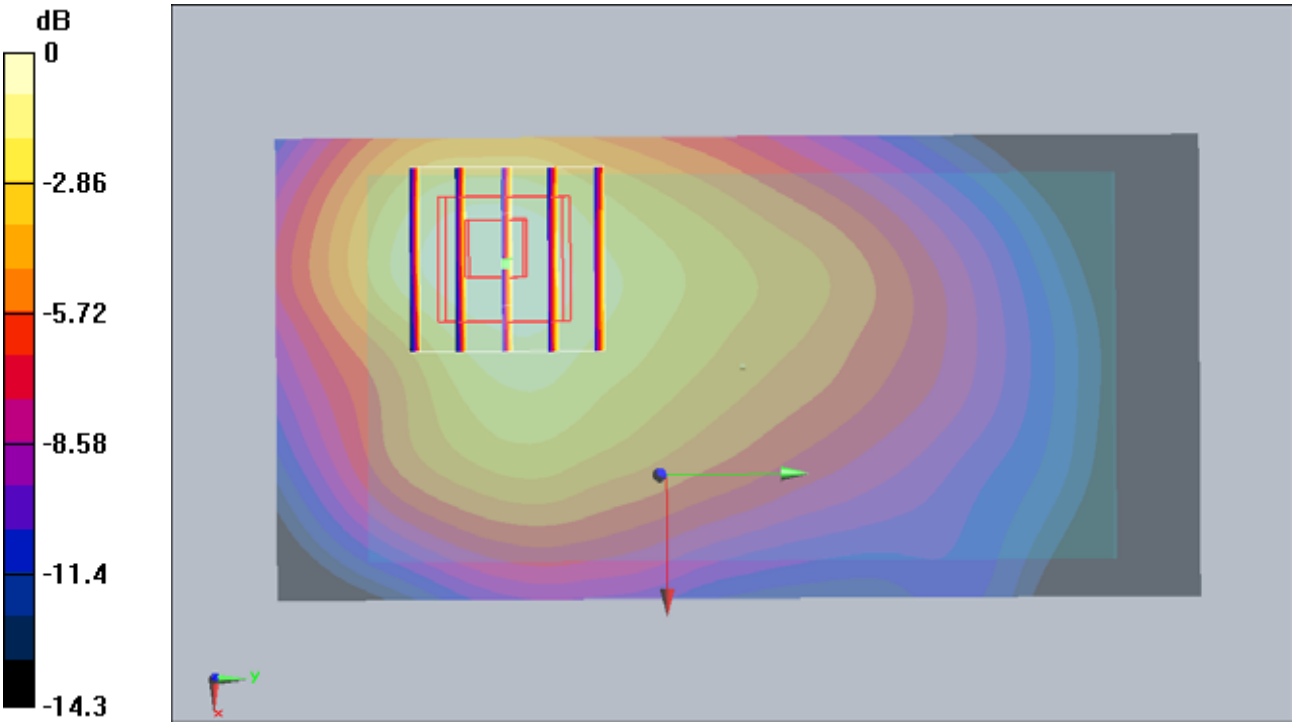
DUT: 142244-01

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110605 Medium parameters used: f = 1732.5 MHz; σ = 1.47 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch20175/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.696 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.1 V/m; Power Drift = 0.027 dB
Peak SAR (extrapolated) = 1 W/kg
SAR(1 g) = 0.627 mW/g; SAR(10 g) = 0.384 mW/g
Maximum value of SAR (measured) = 0.678 mW/g



0 dB = 0.678mW/g

#71 LTE Band 4_QPSK(25-13)_Left Side_1cm_Ch20175

DUT: 142244-01

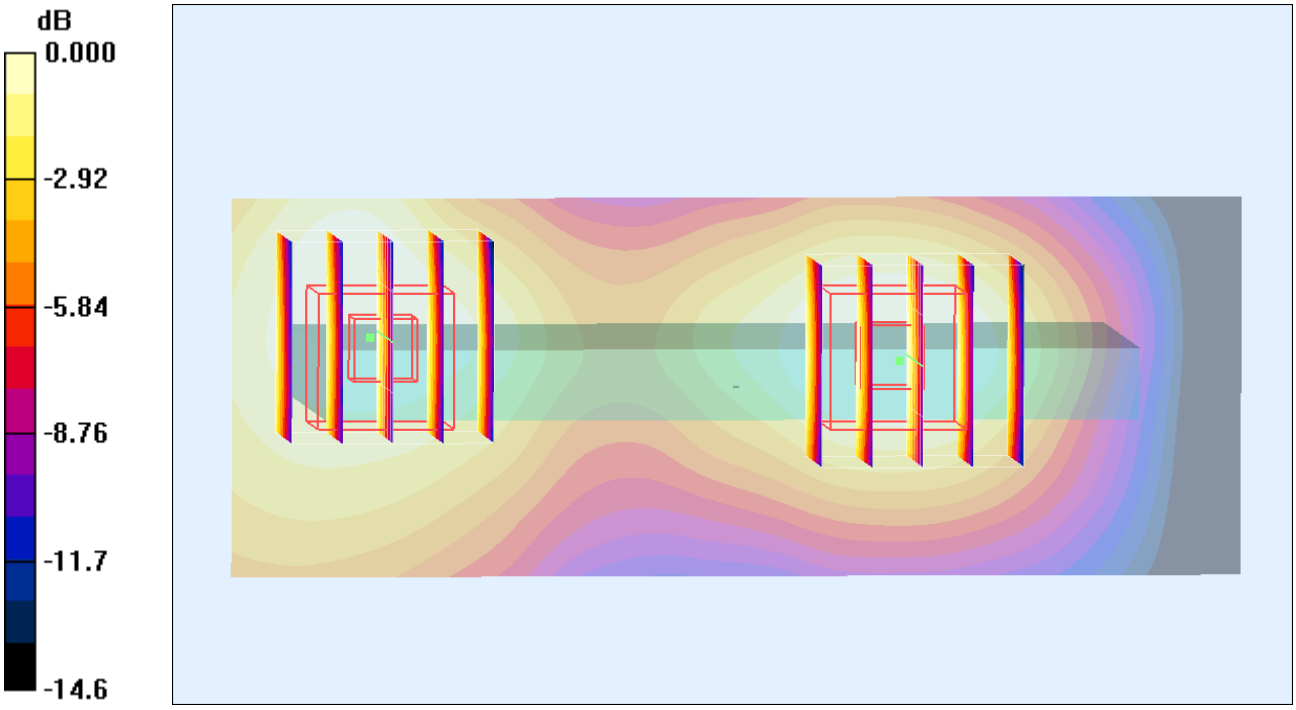
Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110602 Medium parameters used : f = 1732.5 MHz; σ = 1.53 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃； Liquid Temperature：21.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20175/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.220 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.77 V/m; Power Drift = 0.080 dB
Peak SAR (extrapolated) = 0.304 W/kg
SAR(1 g) = 0.206 mW/g; SAR(10 g) = 0.130 mW/g
Maximum value of SAR (measured) = 0.226 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.77 V/m; Power Drift = 0.080 dB
Peak SAR (extrapolated) = 0.245 W/kg
SAR(1 g) = 0.171 mW/g; SAR(10 g) = 0.112 mW/g
Maximum value of SAR (measured) = 0.181 mW/g



0 dB = 0.181mW/g

#152 LTE Band 4_QPSK(1-0)_Left Side_1cm_Ch20175

DUT: 142244-01

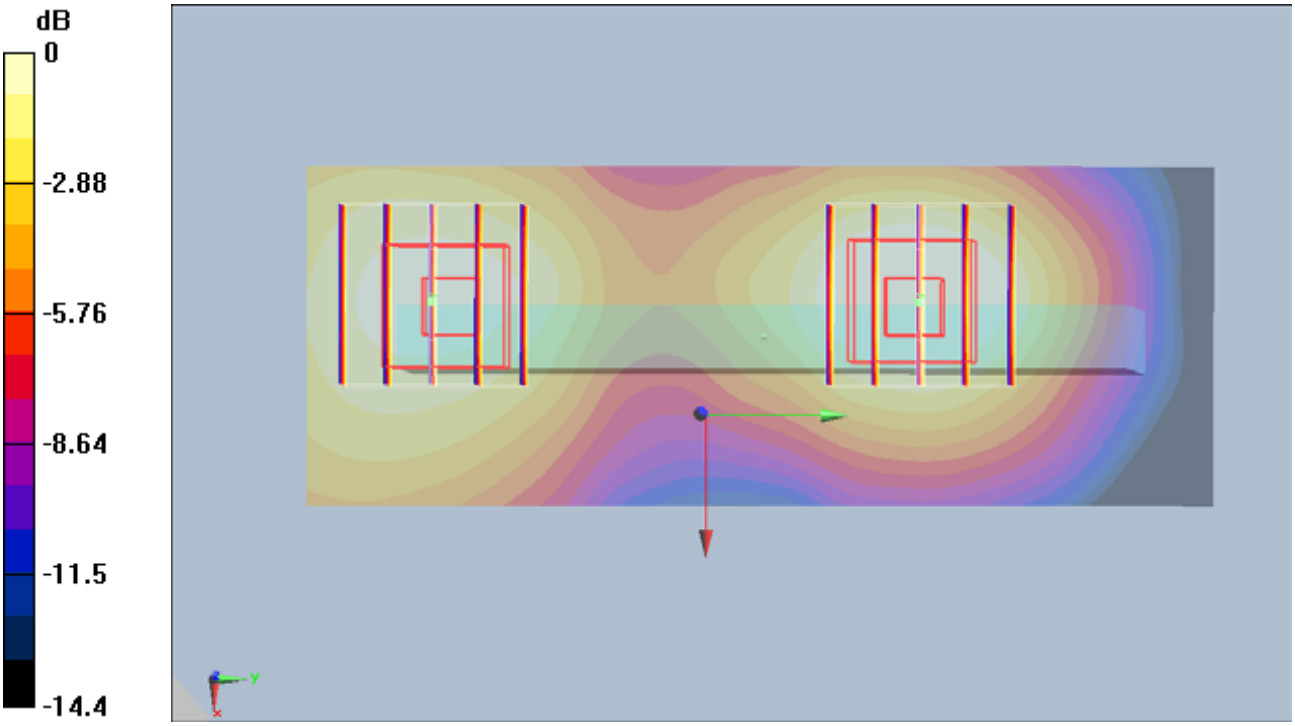
Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110605 Medium parameters used: f = 1732.5 MHz; σ = 1.47 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch20175/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.201 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.8 V/m; Power Drift = 0.102 dB
Peak SAR (extrapolated) = 0.289 W/kg
SAR(1 g) = 0.189 mW/g; SAR(10 g) = 0.117 mW/g
Maximum value of SAR (measured) = 0.203 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.8 V/m; Power Drift = 0.102 dB
Peak SAR (extrapolated) = 0.236 W/kg
SAR(1 g) = 0.153 mW/g; SAR(10 g) = 0.096 mW/g
Maximum value of SAR (measured) = 0.164 mW/g



0 dB = 0.164mW/g

#153 LTE Band 4_QPSK(1-49)_Left Side_1cm_Ch20175

DUT: 142244-01

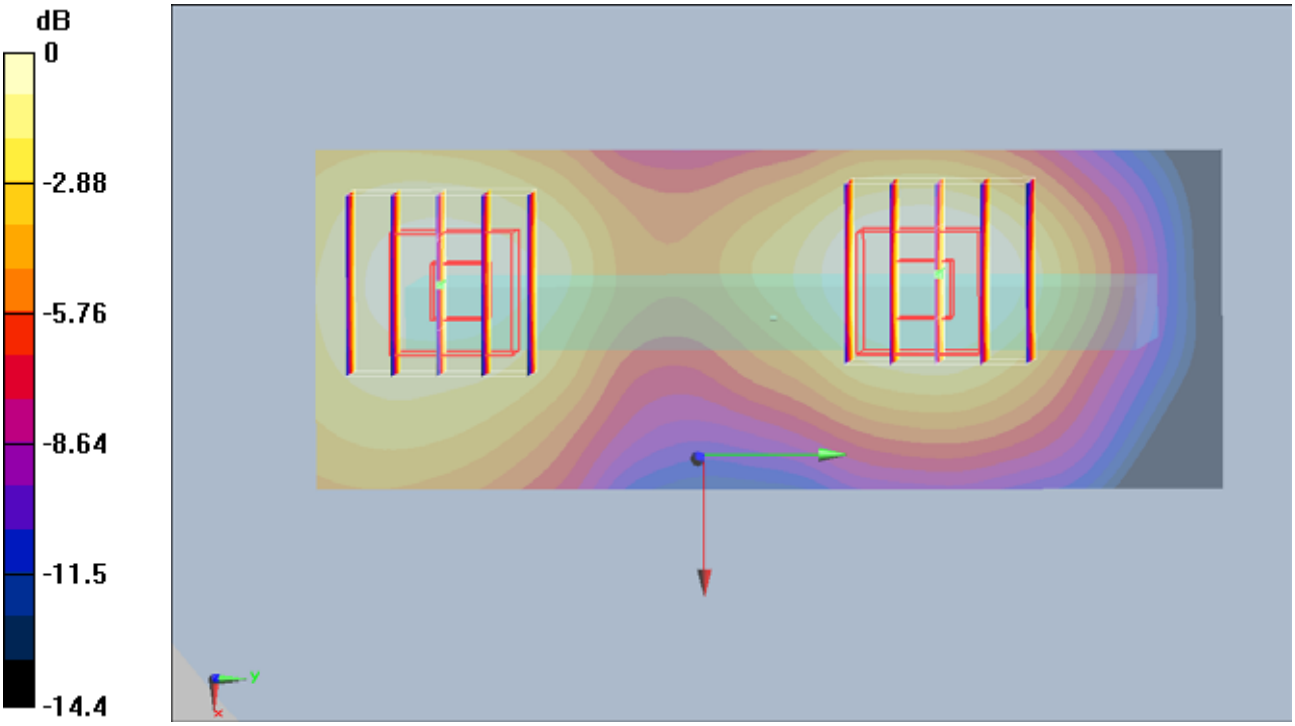
Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110605 Medium parameters used: f = 1732.5 MHz; σ = 1.47 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch20175/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.207 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.76 V/m; Power Drift = 0.162 dB
Peak SAR (extrapolated) = 0.288 W/kg
SAR(1 g) = 0.190 mW/g; SAR(10 g) = 0.117 mW/g
Maximum value of SAR (measured) = 0.197 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.76 V/m; Power Drift = 0.162 dB
Peak SAR (extrapolated) = 0.240 W/kg
SAR(1 g) = 0.155 mW/g; SAR(10 g) = 0.098 mW/g
Maximum value of SAR (measured) = 0.164 mW/g



0 dB = 0.164mW/g

#72 LTE Band 4_QPSK(25-13)_Right Side_1cm_Ch20175

DUT: 142244-01

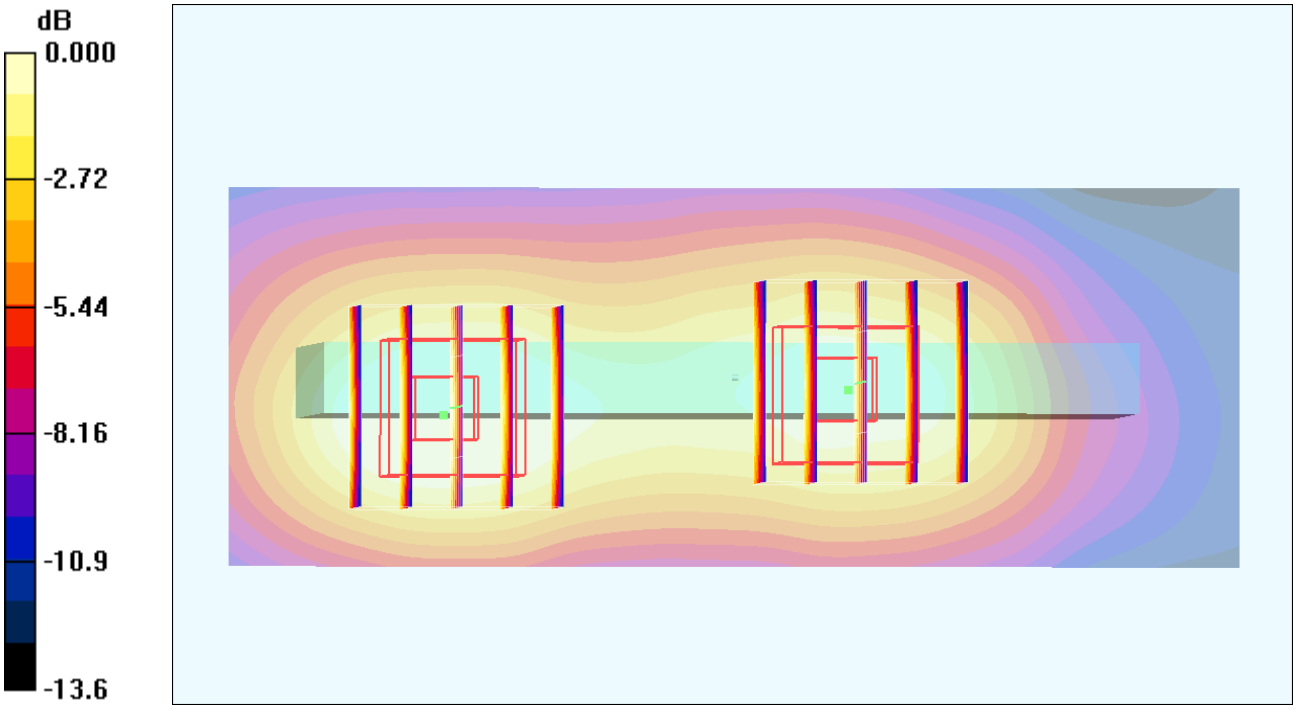
Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110602 Medium parameters used : f = 1732.5 MHz; σ = 1.53 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃； Liquid Temperature：21.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20175/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.384 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.8 V/m; Power Drift = -0.090 dB
Peak SAR (extrapolated) = 0.563 W/kg
SAR(1 g) = 0.366 mW/g; SAR(10 g) = 0.222 mW/g
Maximum value of SAR (measured) = 0.403 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.8 V/m; Power Drift = -0.090 dB
Peak SAR (extrapolated) = 0.392 W/kg
SAR(1 g) = 0.268 mW/g; SAR(10 g) = 0.174 mW/g
Maximum value of SAR (measured) = 0.290 mW/g



0 dB = 0.290mW/g

#154 LTE Band 4_QPSK(1-0)_Right Side_1cm_Ch20175

DUT: 142244-01

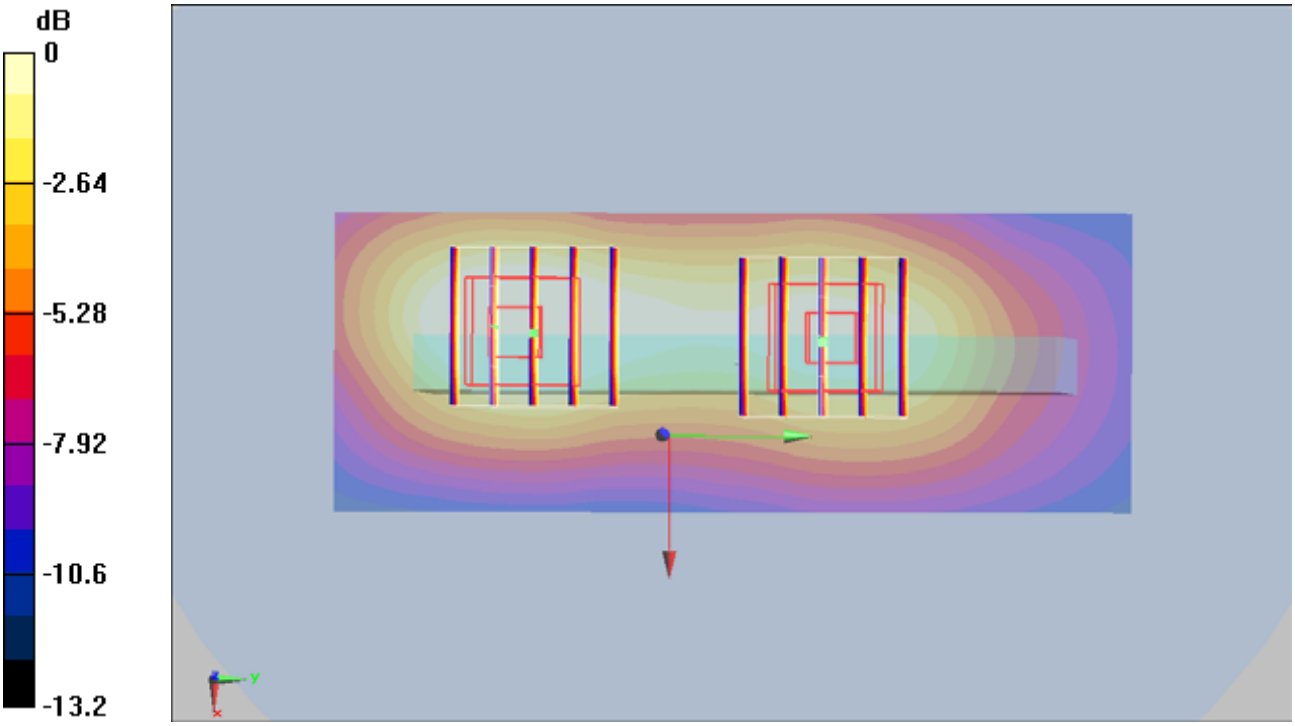
Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110605 Medium parameters used: f = 1732.5 MHz; σ = 1.47 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch20175/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.359 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.6 V/m; Power Drift = 0.125 dB
Peak SAR (extrapolated) = 0.561 W/kg
SAR(1 g) = 0.344 mW/g; SAR(10 g) = 0.202 mW/g
Maximum value of SAR (measured) = 0.372 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.6 V/m; Power Drift = 0.125 dB
Peak SAR (extrapolated) = 0.373 W/kg
SAR(1 g) = 0.233 mW/g; SAR(10 g) = 0.146 mW/g
Maximum value of SAR (measured) = 0.253 mW/g



0 dB = 0.253mW/g

#155 LTE Band 4_QPSK(1-49)_Right Side_1cm_Ch20175

DUT: 142244-01

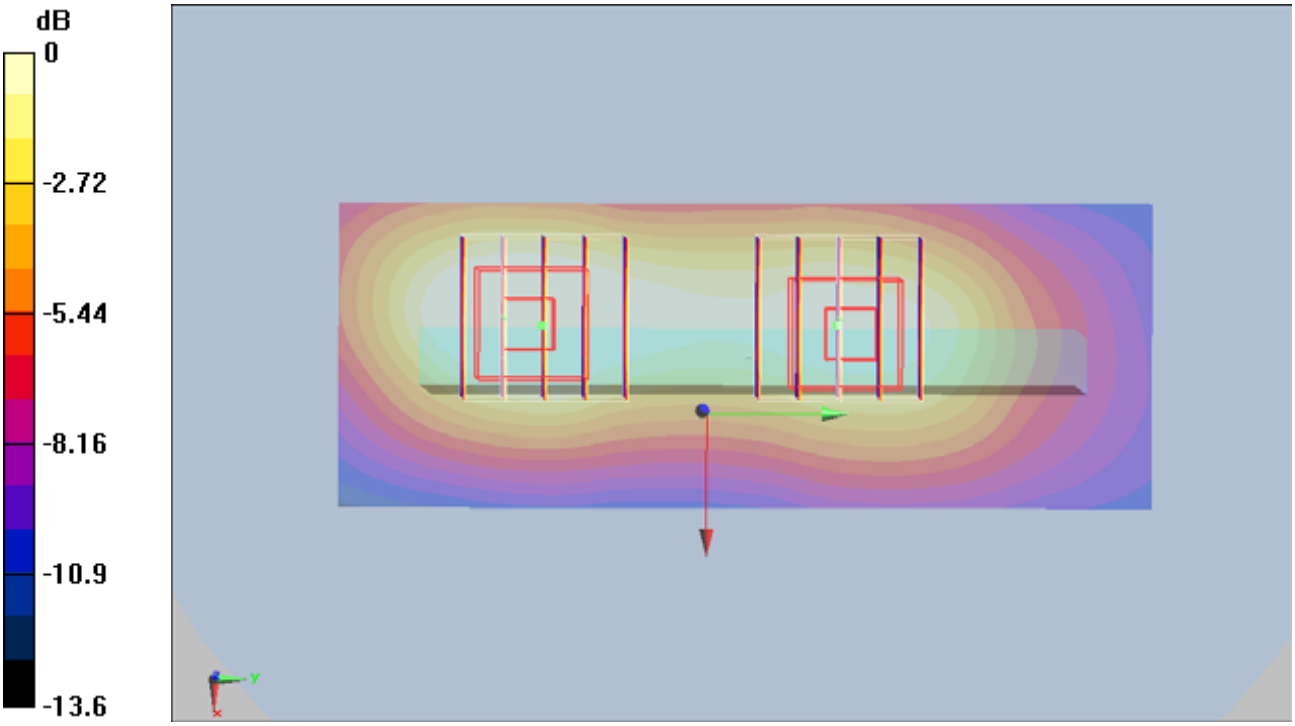
Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110605 Medium parameters used: f = 1732.5 MHz; σ = 1.47 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch20175/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.360 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.5 V/m; Power Drift = 0.178 dB
Peak SAR (extrapolated) = 0.542 W/kg
SAR(1 g) = 0.344 mW/g; SAR(10 g) = 0.204 mW/g
Maximum value of SAR (measured) = 0.371 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.5 V/m; Power Drift = 0.178 dB
Peak SAR (extrapolated) = 0.359 W/kg
SAR(1 g) = 0.234 mW/g; SAR(10 g) = 0.147 mW/g
Maximum value of SAR (measured) = 0.250 mW/g



0 dB = 0.250mW/g

#73 LTE Band 4_QPSK(25-13)_Down Side_1cm_Ch20175

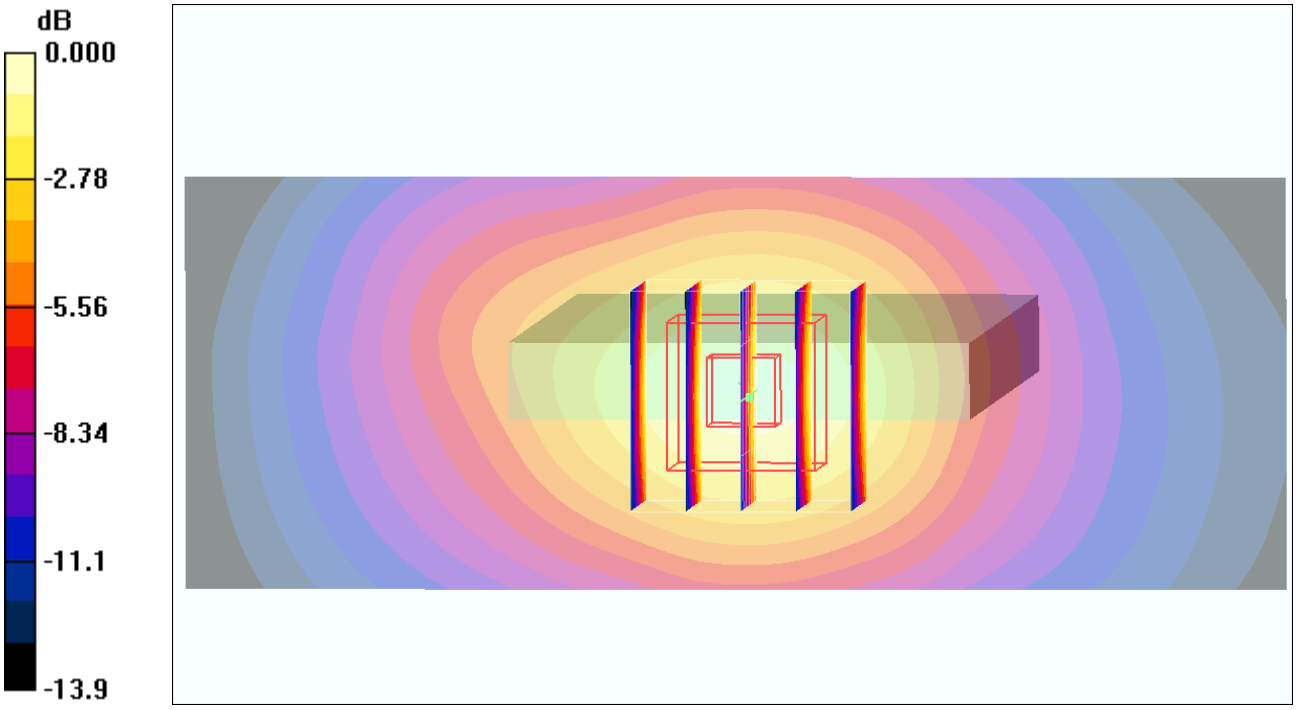
DUT: 142244-01

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110602 Medium parameters used : f = 1732.5 MHz; σ = 1.53 mho/m; ε_r = 51.8; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃； Liquid Temperature：21.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20175/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.543 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.9 V/m; Power Drift = 0.016 dB
Peak SAR (extrapolated) = 0.847 W/kg
SAR(1 g) = 0.558 mW/g; SAR(10 g) = 0.346 mW/g
Maximum value of SAR (measured) = 0.608 mW/g



0 dB = 0.608mW/g

#156 LTE Band 4_QPSK(1-0)_Down Side _1cm_Ch20175

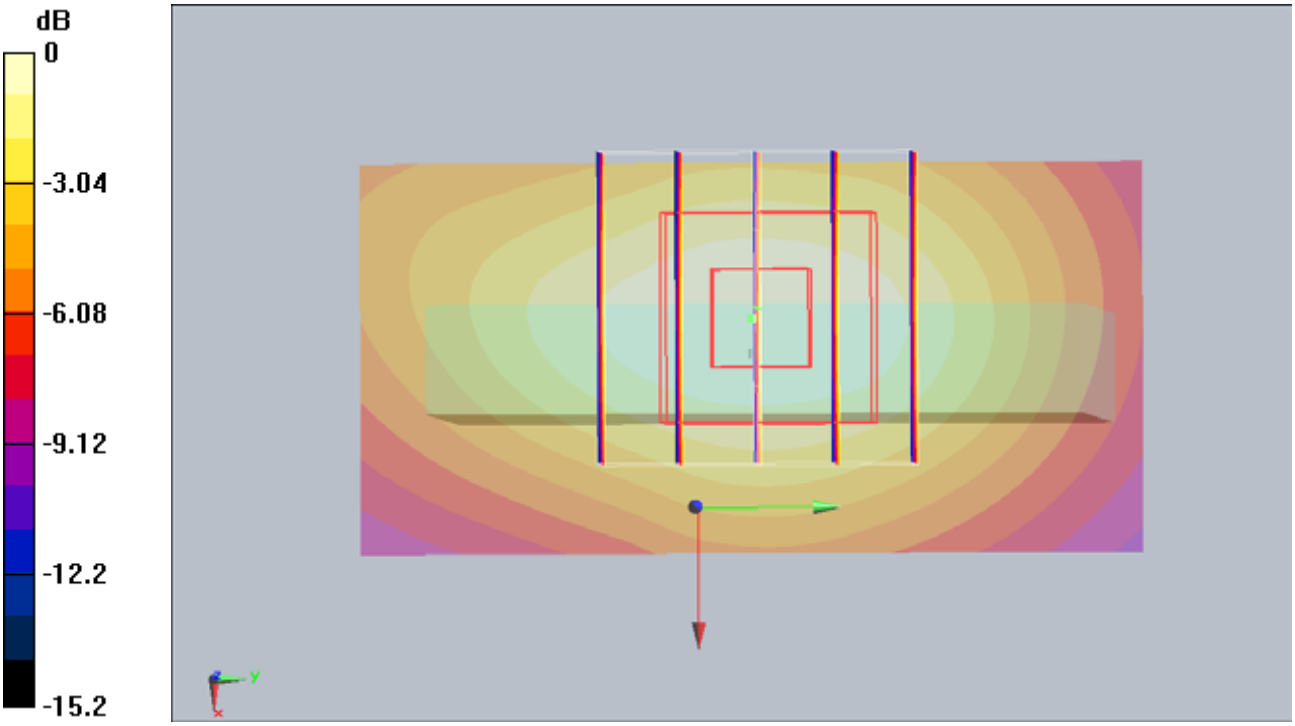
DUT: 142244-01

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110605 Medium parameters used: f = 1732.5 MHz; σ = 1.47 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch20175/Area Scan (21x41x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.546 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.1 V/m; Power Drift = 0.164 dB
Peak SAR (extrapolated) = 0.798 W/kg
SAR(1 g) = 0.499 mW/g; SAR(10 g) = 0.298 mW/g
Maximum value of SAR (measured) = 0.545 mW/g



0 dB = 0.545mW/g

#157 LTE Band 4_QPSK(1-49)_Down Side _1cm_Ch20175

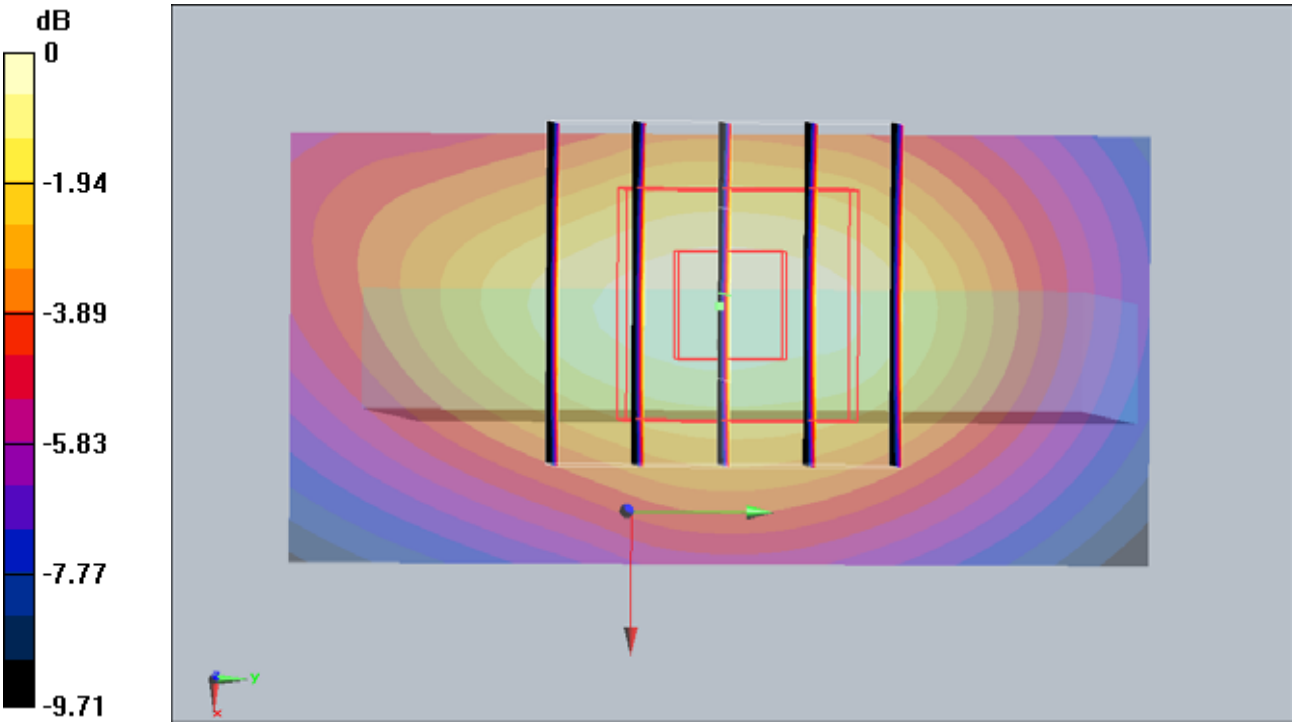
DUT: 142244-01

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110605 Medium parameters used: f = 1732.5 MHz; σ = 1.47 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch20175/Area Scan (21x41x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.542 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.8 V/m; Power Drift = 0.195 dB
Peak SAR (extrapolated) = 0.810 W/kg
SAR(1 g) = 0.508 mW/g; SAR(10 g) = 0.301 mW/g
Maximum value of SAR (measured) = 0.564 mW/g



0 dB = 0.564mW/g

#158 LTE Band 4_QPSK(25-13)_Front Face _1cm_Ch20175_Earphone

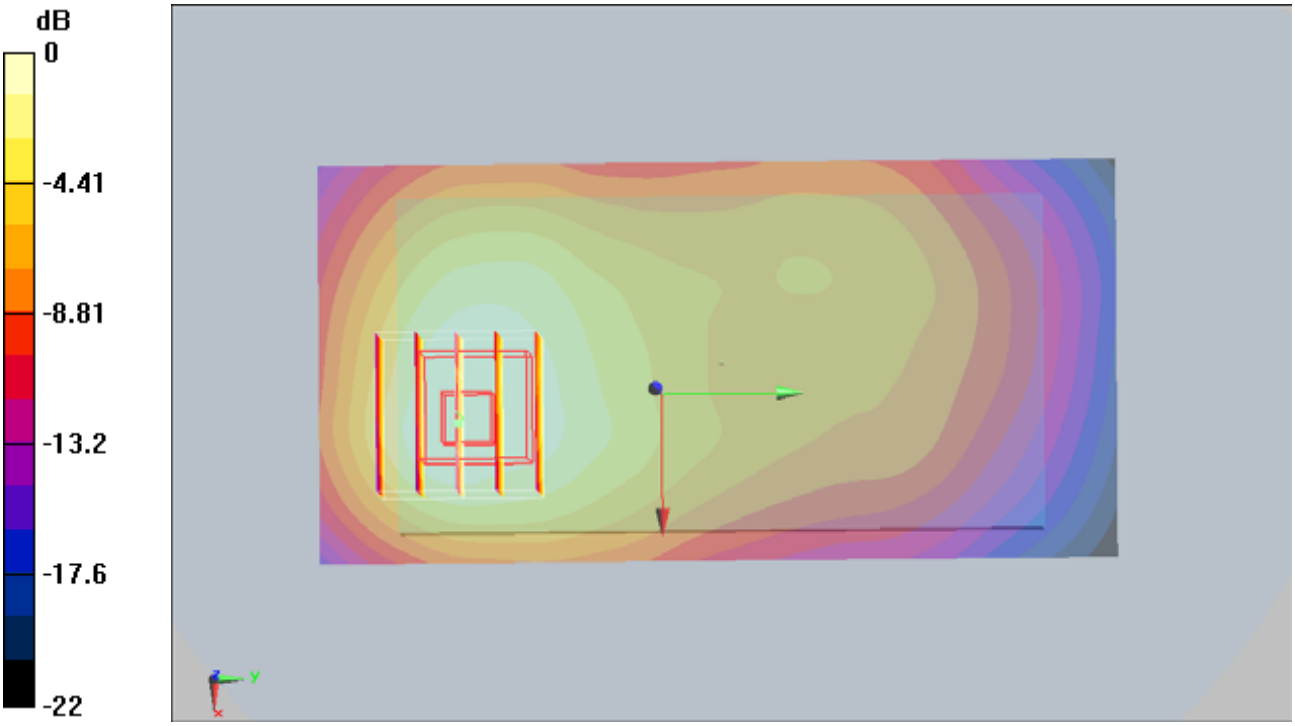
DUT: 142244-01

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110605 Medium parameters used: f = 1732.5 MHz; σ = 1.47 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch20175/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.07 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.5 V/m; Power Drift = 0.090 dB
Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 0.861 mW/g; SAR(10 g) = 0.543 mW/g
Maximum value of SAR (measured) = 0.926 mW/g



0 dB = 0.926mW/g

#159 LTE Band 4_QPSK(1-0)_Front Face _1cm_Ch20175_Earphone

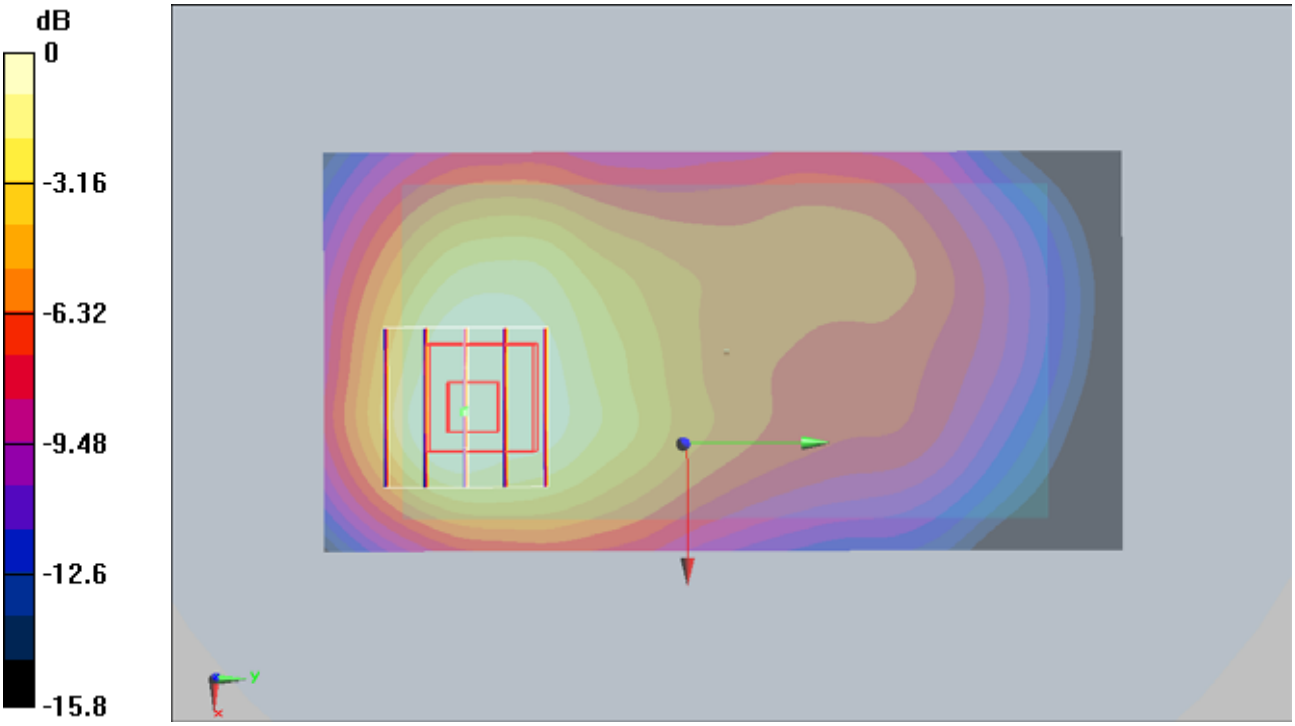
DUT: 142244-01

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110605 Medium parameters used: f = 1732.5 MHz; σ = 1.47 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch20175/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.07 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.7 V/m; Power Drift = -0.160 dB
Peak SAR (extrapolated) = 1.22 W/kg
SAR(1 g) = 0.789 mW/g; SAR(10 g) = 0.498 mW/g
Maximum value of SAR (measured) = 0.854 mW/g



0 dB = 0.854mW/g

#160 LTE Band 4_QPSK(1-49)_Front Face _1cm_Ch20175_Earphone

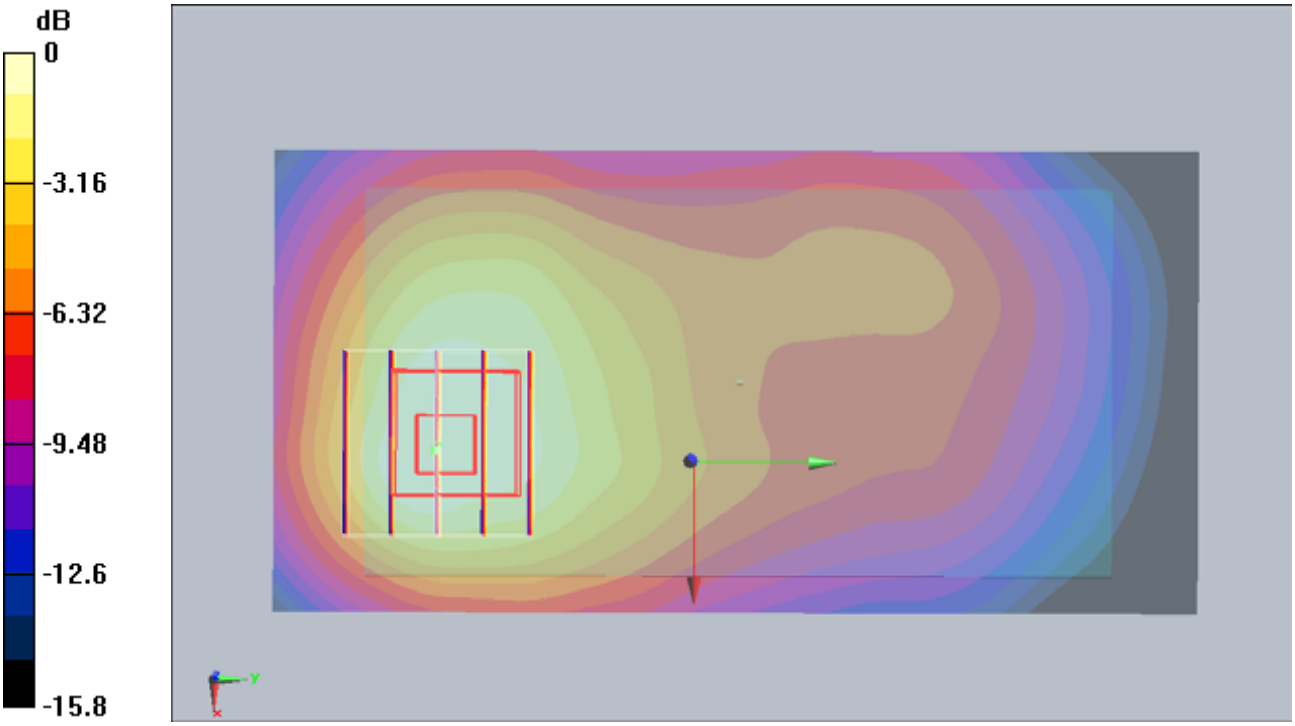
DUT: 142244-01

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110605 Medium parameters used: f = 1732.5 MHz; σ = 1.47 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch20175/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.982 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.1 V/m; Power Drift = 0.035 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.806 mW/g; SAR(10 g) = 0.508 mW/g
Maximum value of SAR (measured) = 0.872 mW/g



0 dB = 0.872mW/g

#179 LTE Band 4_16QAM(25-13)_Front Face _1cm_Ch20175

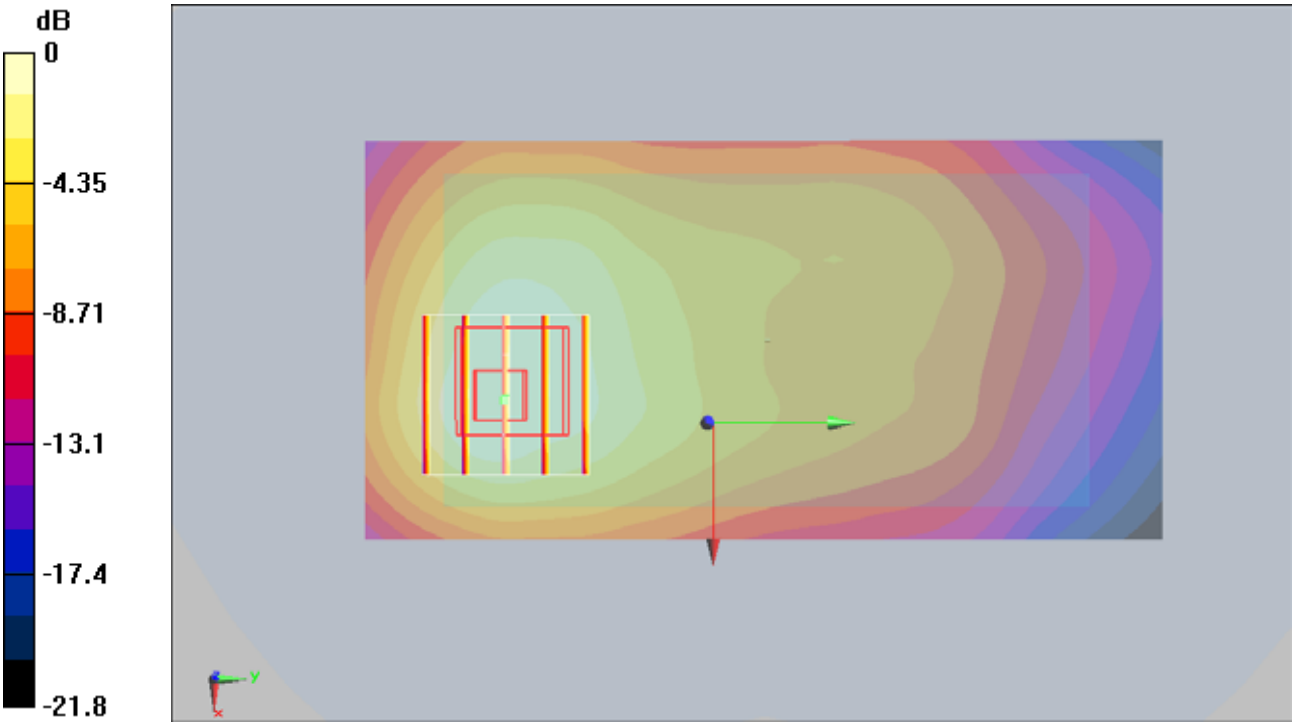
DUT: 142244-01

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110605 Medium parameters used: f = 1732.5 MHz; σ = 1.47 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch20175/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.03 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.5 V/m; Power Drift = 0.185 dB
Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 0.851 mW/g; SAR(10 g) = 0.534 mW/g
Maximum value of SAR (measured) = 0.916 mW/g



0 dB = 0.916mW/g

#179 LTE Band 4_16QAM(25-13)_Front Face _1cm_Ch20175_2D

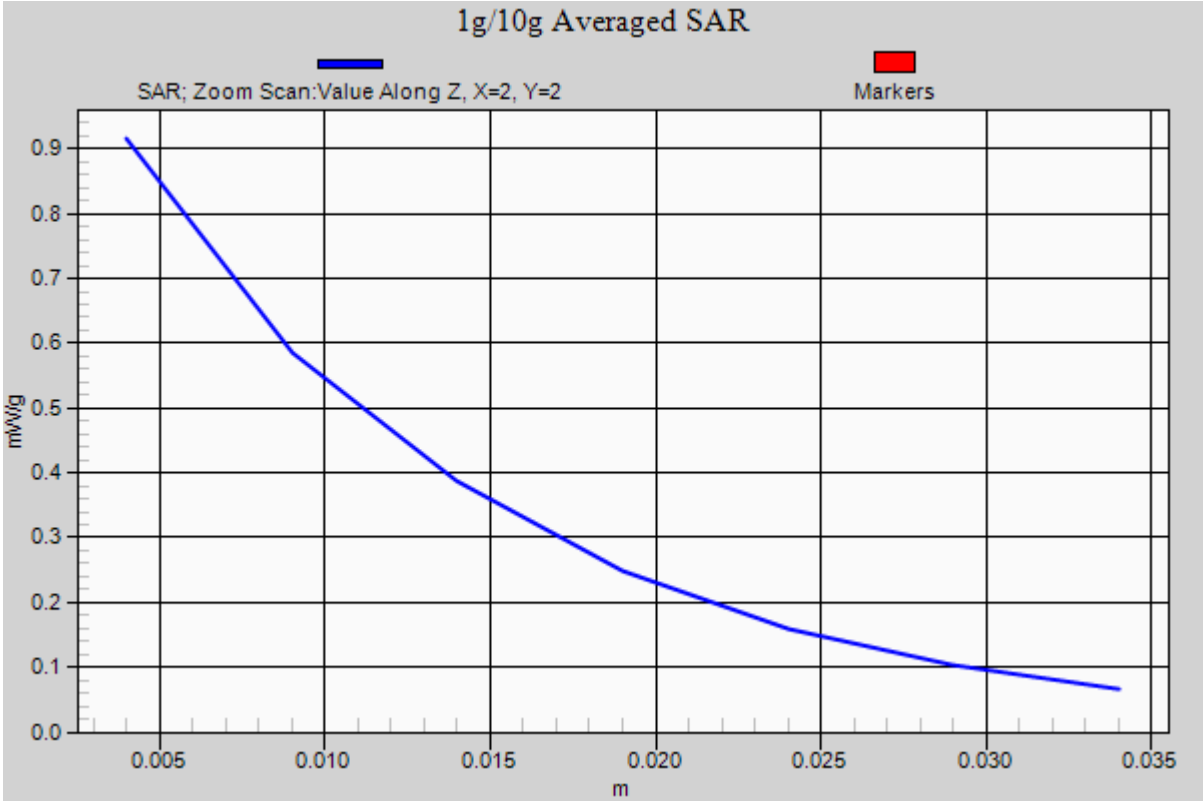
DUT: 142244-01

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110605 Medium parameters used: f = 1732.5 MHz; σ = 1.47 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch20175/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.03 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.5 V/m; Power Drift = 0.185 dB
Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 0.851 mW/g; SAR(10 g) = 0.534 mW/g
Maximum value of SAR (measured) = 0.916 mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=2
Markers
mW/g
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

#180 LTE Band 4_16QAM(1-0)_Front Face _1cm_Ch20175

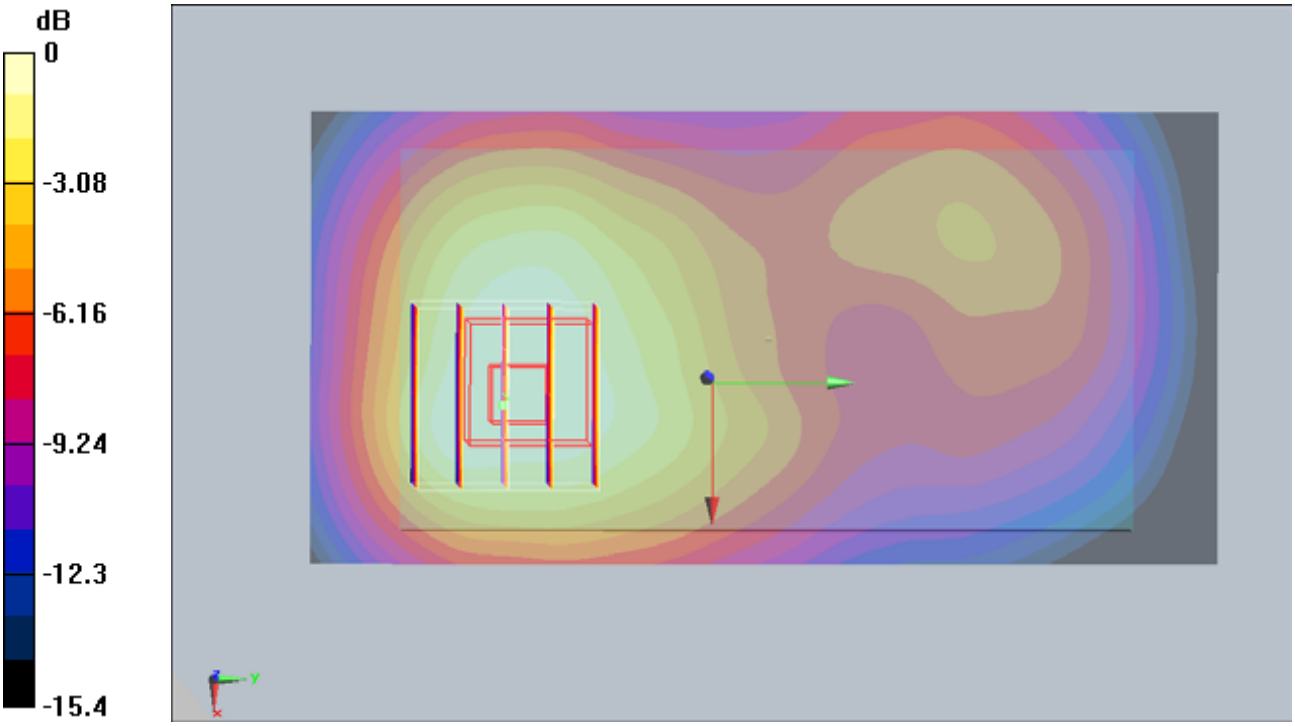
DUT: 142244-01

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110605 Medium parameters used: f = 1732.5 MHz; σ = 1.47 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch20175/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.963 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.4 V/m; Power Drift = -0.00861 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.816 mW/g; SAR(10 g) = 0.528 mW/g
Maximum value of SAR (measured) = 0.874 mW/g



0 dB = 0.874mW/g

#181 LTE Band 4_16QAM(1-49)_Front Face _1cm_Ch20175

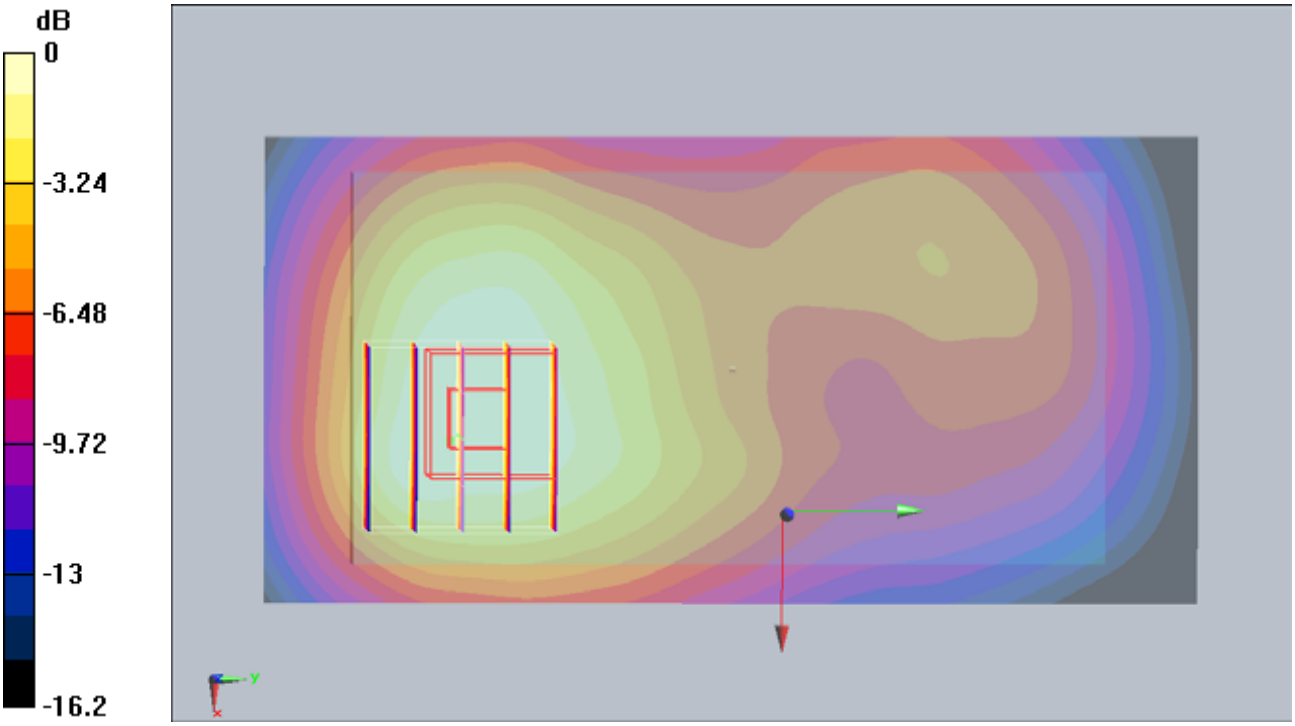
DUT: 142244-01

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110605 Medium parameters used : f = 1732.5 MHz; σ = 1.47 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch20175/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.976 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.8 V/m; Power Drift = 0.039 dB
Peak SAR (extrapolated) = 1.28 W/kg
SAR(1 g) = 0.836 mW/g; SAR(10 g) = 0.539 mW/g
Maximum value of SAR (measured) = 0.891 mW/g



0 dB = 0.891mW/g

#182 LTE Band 4_16QAM(25-13)_Rear Face _1cm_Ch20175

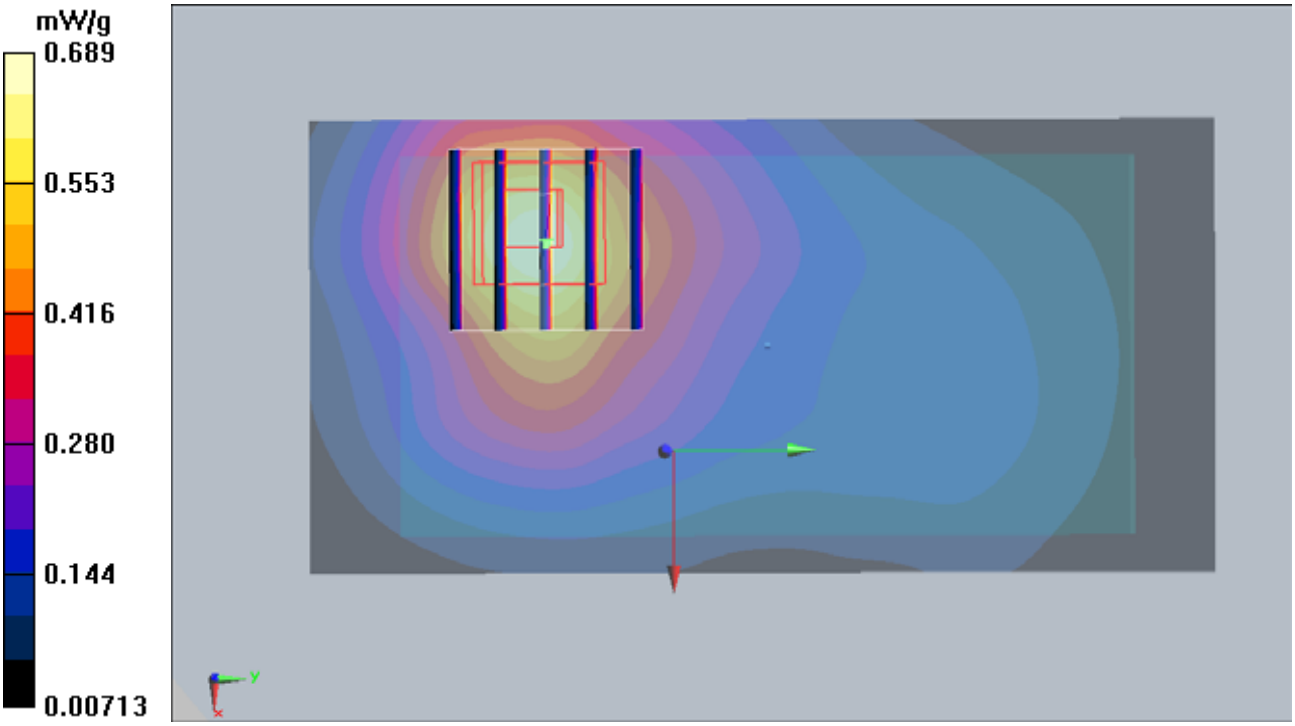
DUT: 142244-01

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110605 Medium parameters used: f = 1732.5 MHz; σ = 1.47 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch20175/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.689 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.8 V/m; Power Drift = -0.117 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.643 mW/g; SAR(10 g) = 0.393 mW/g
Maximum value of SAR (measured) = 0.676 mW/g


mW/g
0.689
0.553
0.416
0.280
0.144
0.00713

#183 LTE Band 4_16QAM(1-0)_Rear Face _1cm_Ch20175

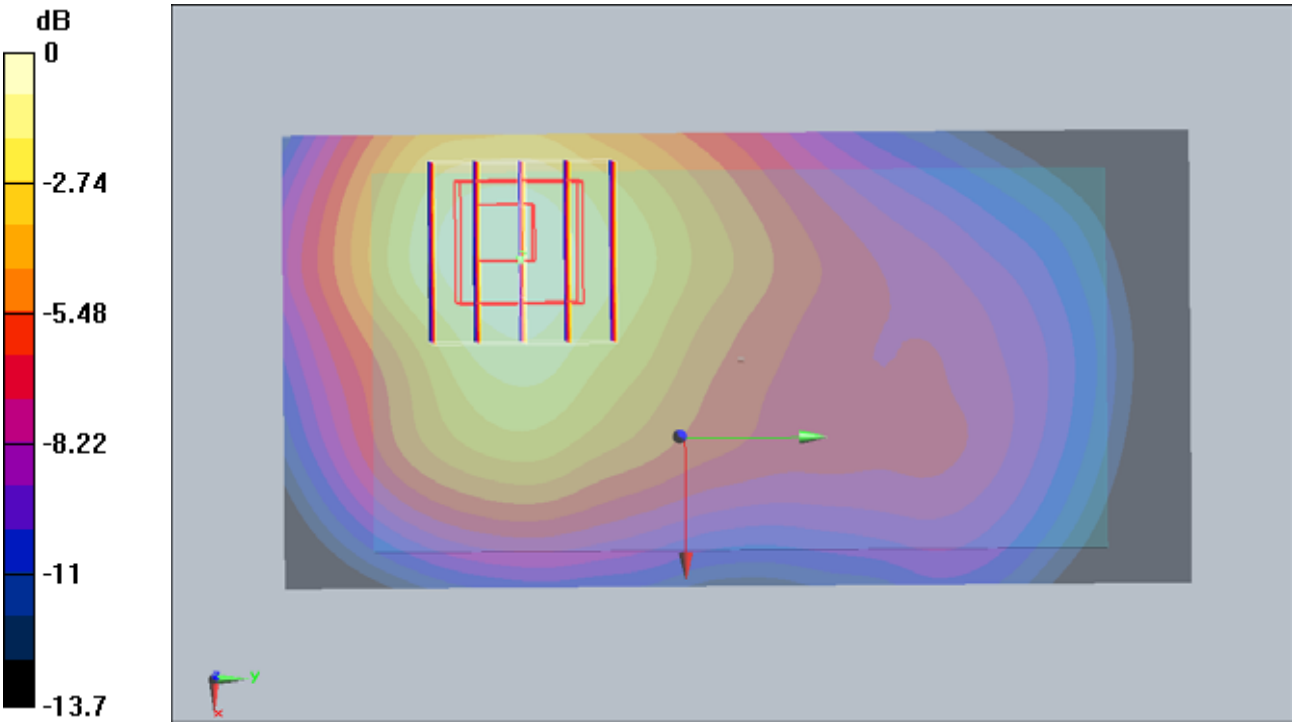
DUT: 142244-01

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110605 Medium parameters used: f = 1732.5 MHz; σ = 1.47 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch20175/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.701 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.2 V/m; Power Drift = 0.049 dB
Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.645 mW/g; SAR(10 g) = 0.398 mW/g
Maximum value of SAR (measured) = 0.675 mW/g



0 dB = 0.675mW/g

#184 LTE Band 4_16QAM(1-49)_Rear Face _1cm_Ch20175

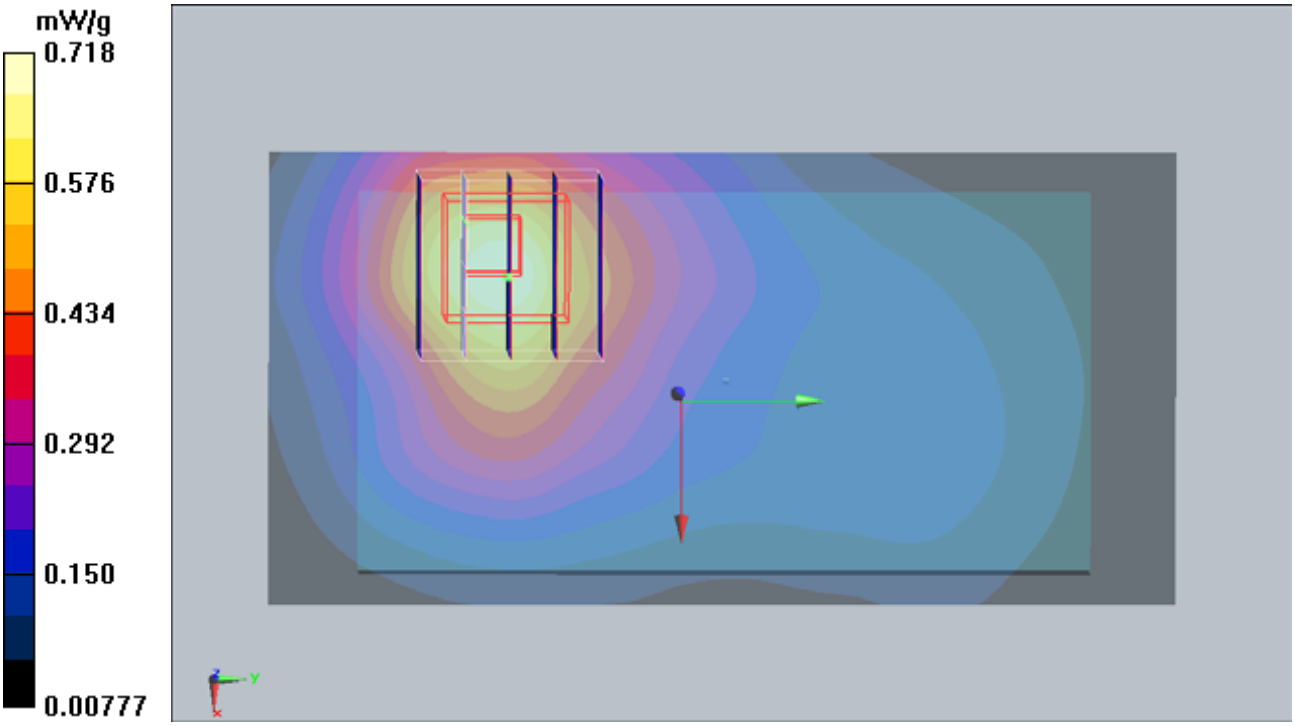
DUT: 142244-01

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110605 Medium parameters used: f = 1732.5 MHz; σ = 1.47 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch20175/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.718 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.3 V/m; Power Drift = 0.158 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.661 mW/g; SAR(10 g) = 0.406 mW/g
Maximum value of SAR (measured) = 0.694 mW/g


mW/g
0.718
0.576
0.434
0.292
0.150
0.00777

#185 LTE Band 4_16QAM(25-13)_Left Side_1cm_Ch20175

DUT: 142244-01

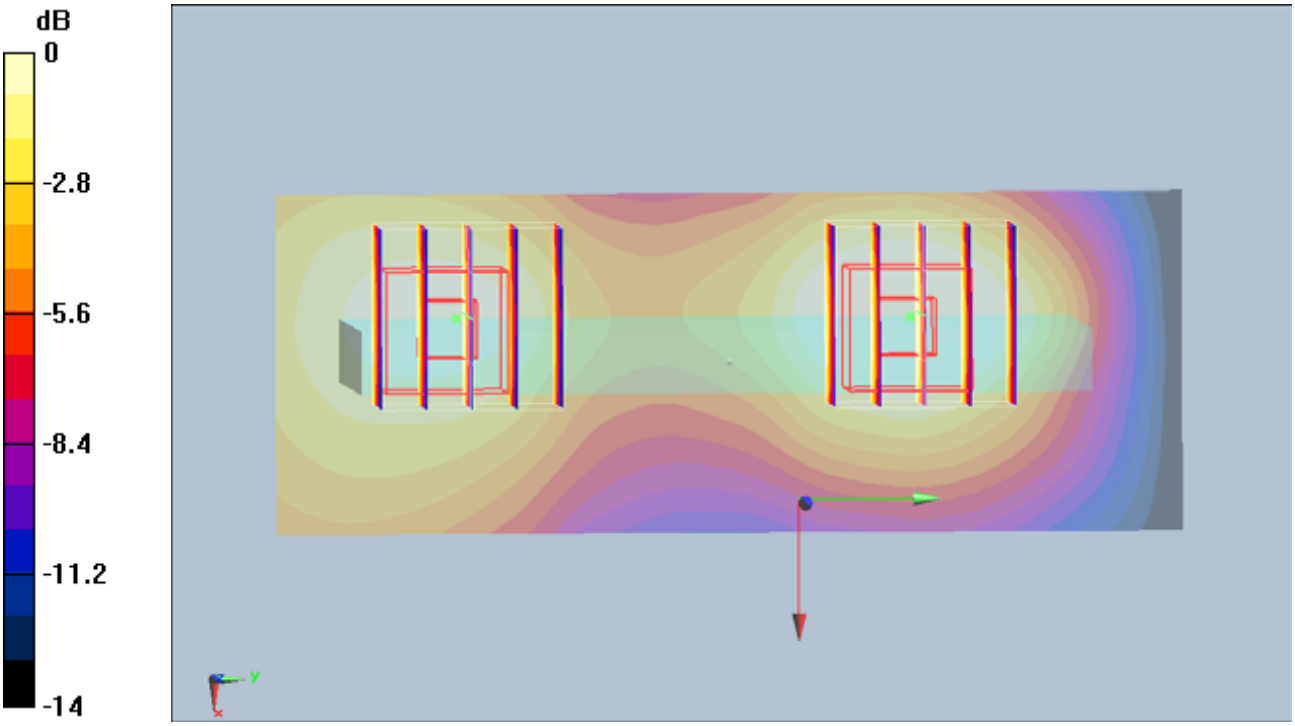
Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110605 Medium parameters used : f = 1732.5 MHz; σ = 1.47 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch20175/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.208 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.95 V/m; Power Drift = 0.140 dB
Peak SAR (extrapolated) = 0.273 W/kg
SAR(1 g) = 0.181 mW/g; SAR(10 g) = 0.112 mW/g
Maximum value of SAR (measured) = 0.192 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.95 V/m; Power Drift = 0.140 dB
Peak SAR (extrapolated) = 0.212 W/kg
SAR(1 g) = 0.138 mW/g; SAR(10 g) = 0.088 mW/g
Maximum value of SAR (measured) = 0.147 mW/g



0 dB = 0.147mW/g

#186 LTE Band 4_16QAM(1-0)_Left Side_1cm_Ch20175

DUT: 142244-01

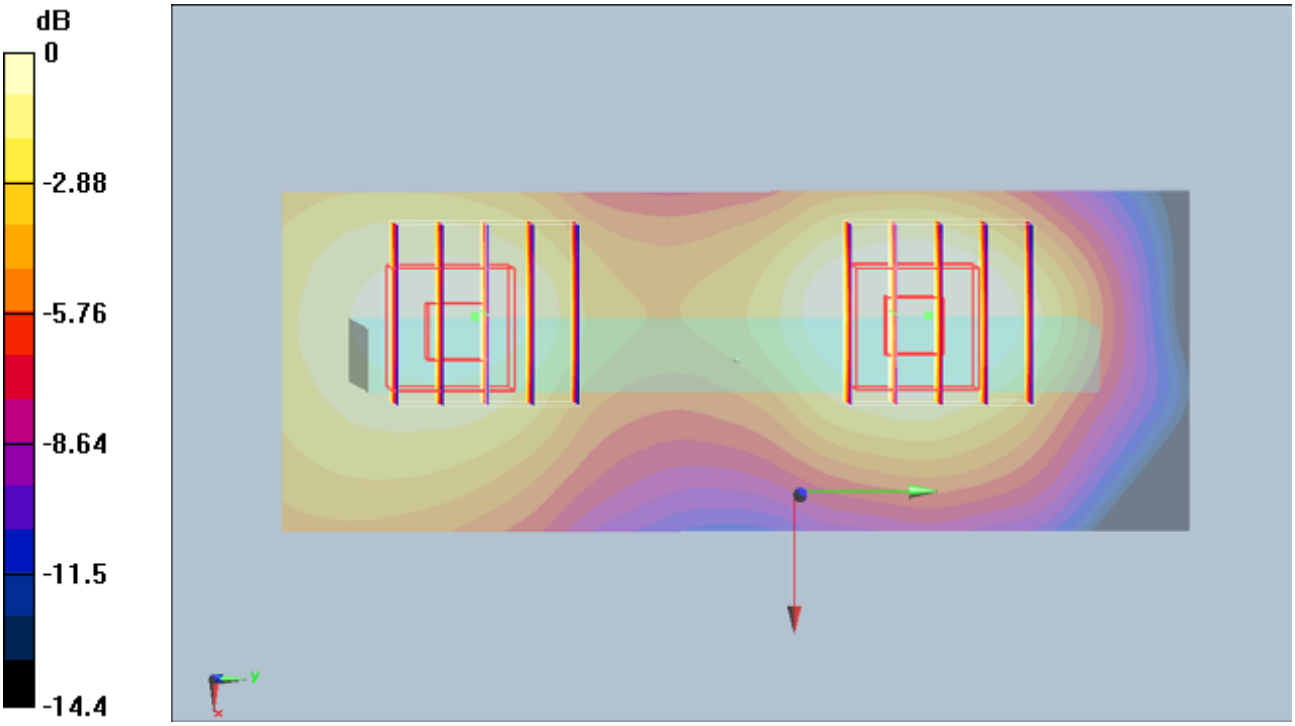
Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110605 Medium parameters used : f = 1732.5 MHz; σ = 1.47 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch20175/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.199 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.95 V/m; Power Drift = 0.141 dB
Peak SAR (extrapolated) = 0.278 W/kg
SAR(1 g) = 0.184 mW/g; SAR(10 g) = 0.113 mW/g
Maximum value of SAR (measured) = 0.195 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.95 V/m; Power Drift = 0.141 dB
Peak SAR (extrapolated) = 0.210 W/kg
SAR(1 g) = 0.138 mW/g; SAR(10 g) = 0.087 mW/g
Maximum value of SAR (measured) = 0.146 mW/g



0 dB = 0.146mW/g

#187 LTE Band 4_16QAM(1-49)_Left Side_1cm_Ch20175

DUT: 142244-01

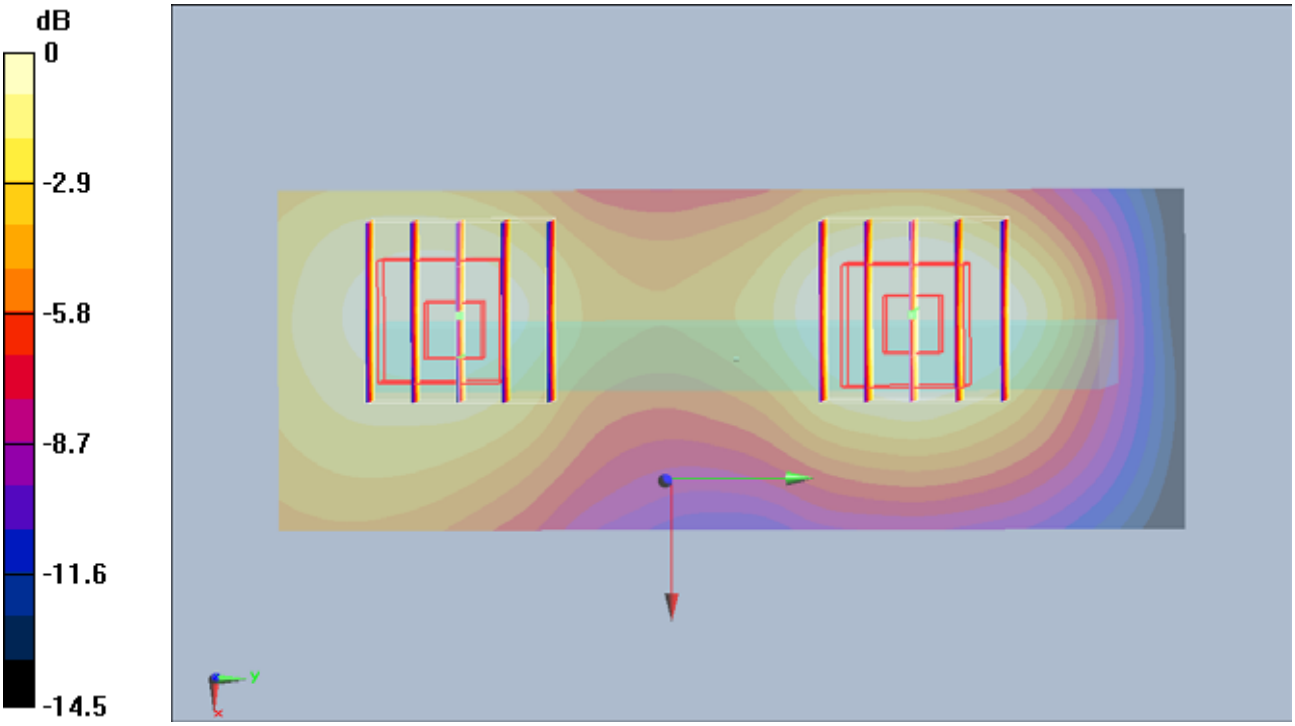
Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110605 Medium parameters used: f = 1732.5 MHz; σ = 1.47 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch20175/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.214 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.01 V/m; Power Drift = 0.102 dB
Peak SAR (extrapolated) = 0.290 W/kg
SAR(1 g) = 0.187 mW/g; SAR(10 g) = 0.116 mW/g
Maximum value of SAR (measured) = 0.200 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.01 V/m; Power Drift = 0.102 dB
Peak SAR (extrapolated) = 0.212 W/kg
SAR(1 g) = 0.141 mW/g; SAR(10 g) = 0.090 mW/g
Maximum value of SAR (measured) = 0.148 mW/g



0 dB = 0.148mW/g

#188 LTE Band 4_16QAM(25-13)_Right Side_1cm_Ch20175

DUT: 142244-01

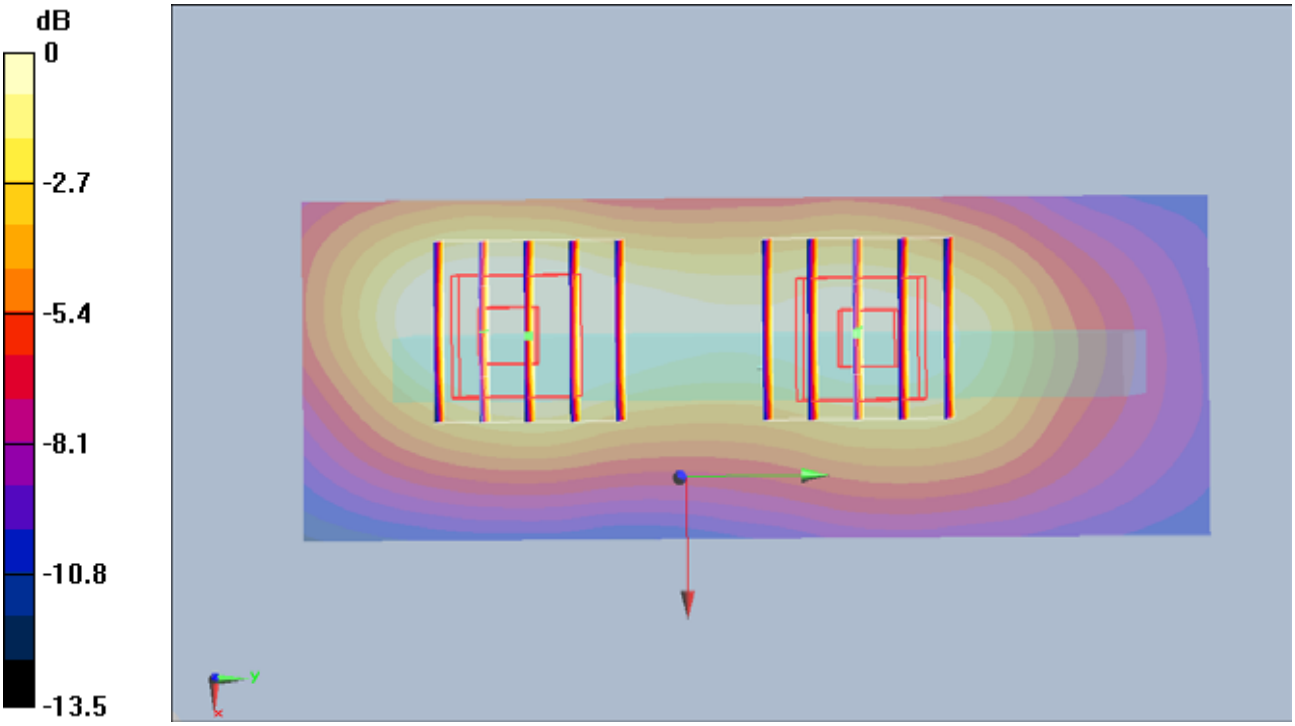
Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110605 Medium parameters used: f = 1732.5 MHz; σ = 1.47 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch20175/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.351 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.5 V/m; Power Drift = 0.171 dB
Peak SAR (extrapolated) = 0.528 W/kg
SAR(1 g) = 0.334 mW/g; SAR(10 g) = 0.197 mW/g
Maximum value of SAR (measured) = 0.365 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.5 V/m; Power Drift = 0.171 dB
Peak SAR (extrapolated) = 0.359 W/kg
SAR(1 g) = 0.230 mW/g; SAR(10 g) = 0.145 mW/g
Maximum value of SAR (measured) = 0.246 mW/g



0 dB = 0.246mW/g

#189 LTE Band 4_16QAM(1-0)_Right Side_1cm_Ch20175

DUT: 142244-01

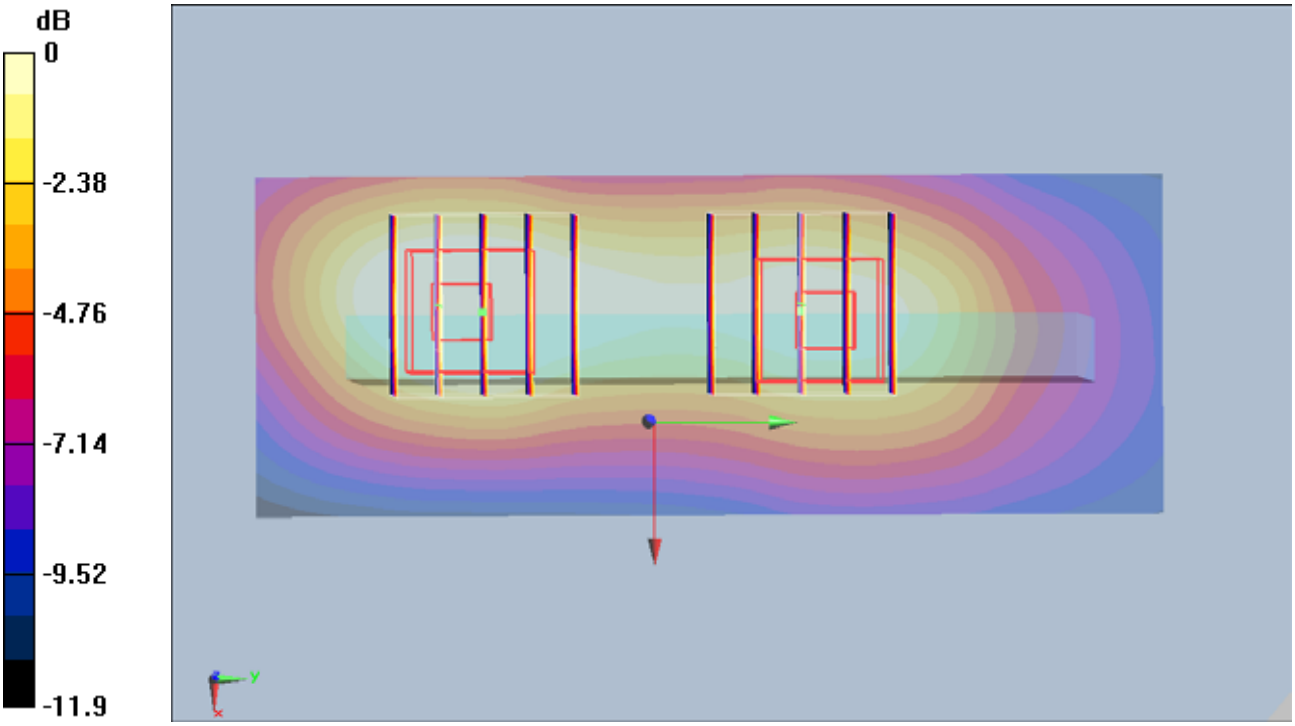
Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110605 Medium parameters used: f = 1732.5 MHz; σ = 1.47 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch20175/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.368 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.8 V/m; Power Drift = 0.158 dB
Peak SAR (extrapolated) = 0.552 W/kg
SAR(1 g) = 0.348 mW/g; SAR(10 g) = 0.206 mW/g
Maximum value of SAR (measured) = 0.378 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.8 V/m; Power Drift = 0.158 dB
Peak SAR (extrapolated) = 0.368 W/kg
SAR(1 g) = 0.240 mW/g; SAR(10 g) = 0.150 mW/g
Maximum value of SAR (measured) = 0.258 mW/g



0 dB = 0.258mW/g

#190 LTE Band 4_16QAM(1-49)_Right Side_1cm_Ch20175

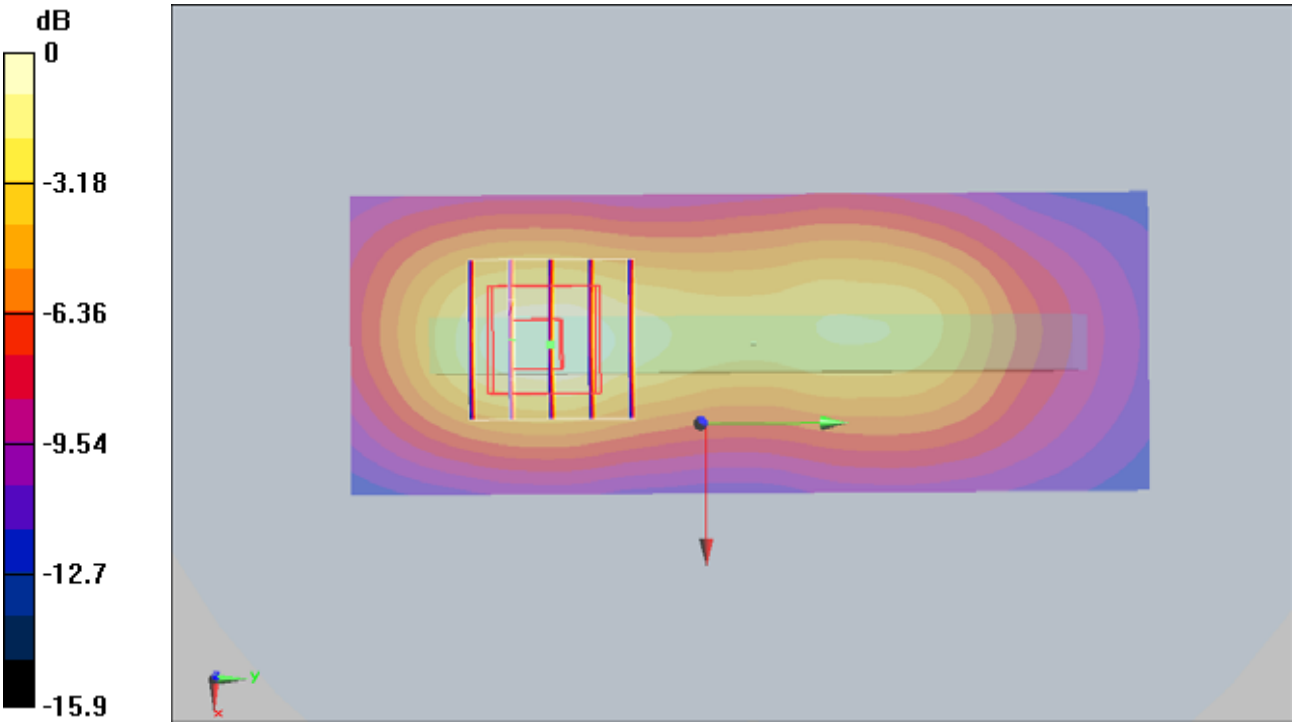
DUT: 142244-01

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110605 Medium parameters used: f = 1732.5 MHz; σ = 1.47 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch20175/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.414 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.2 V/m; Power Drift = 0.141 dB
Peak SAR (extrapolated) = 0.611 W/kg
SAR(1 g) = 0.375 mW/g; SAR(10 g) = 0.218 mW/g
Maximum value of SAR (measured) = 0.406 mW/g



0 dB = 0.406mW/g

#191 LTE Band 4_16QAM(25-13)_Down Side _1cm_Ch20175

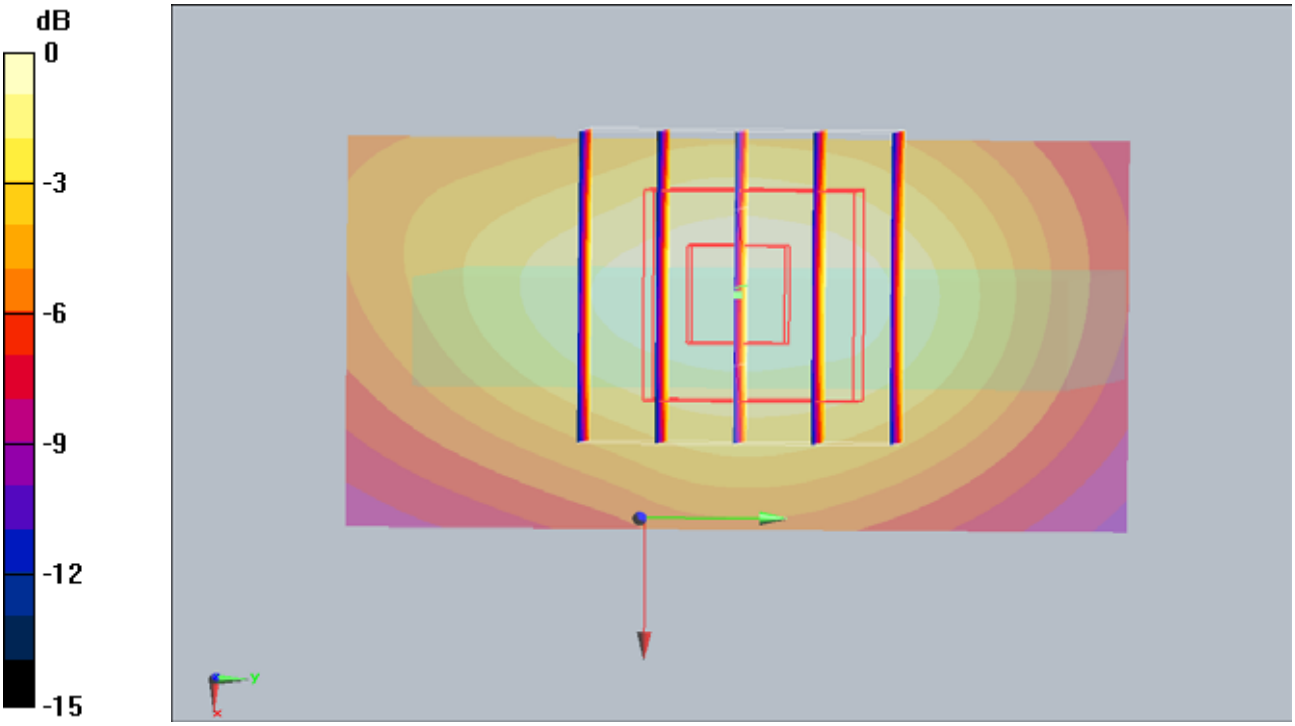
DUT: 142244-01

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110605 Medium parameters used: f = 1732.5 MHz; σ = 1.47 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch20175/Area Scan (21x41x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.502 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.1 V/m; Power Drift = 0.137 dB
Peak SAR (extrapolated) = 0.761 W/kg
SAR(1 g) = 0.471 mW/g; SAR(10 g) = 0.280 mW/g
Maximum value of SAR (measured) = 0.521 mW/g



0 dB = 0.521mW/g

#192 LTE Band 4_16QAM(1-0)_Down Side _1cm_Ch20175

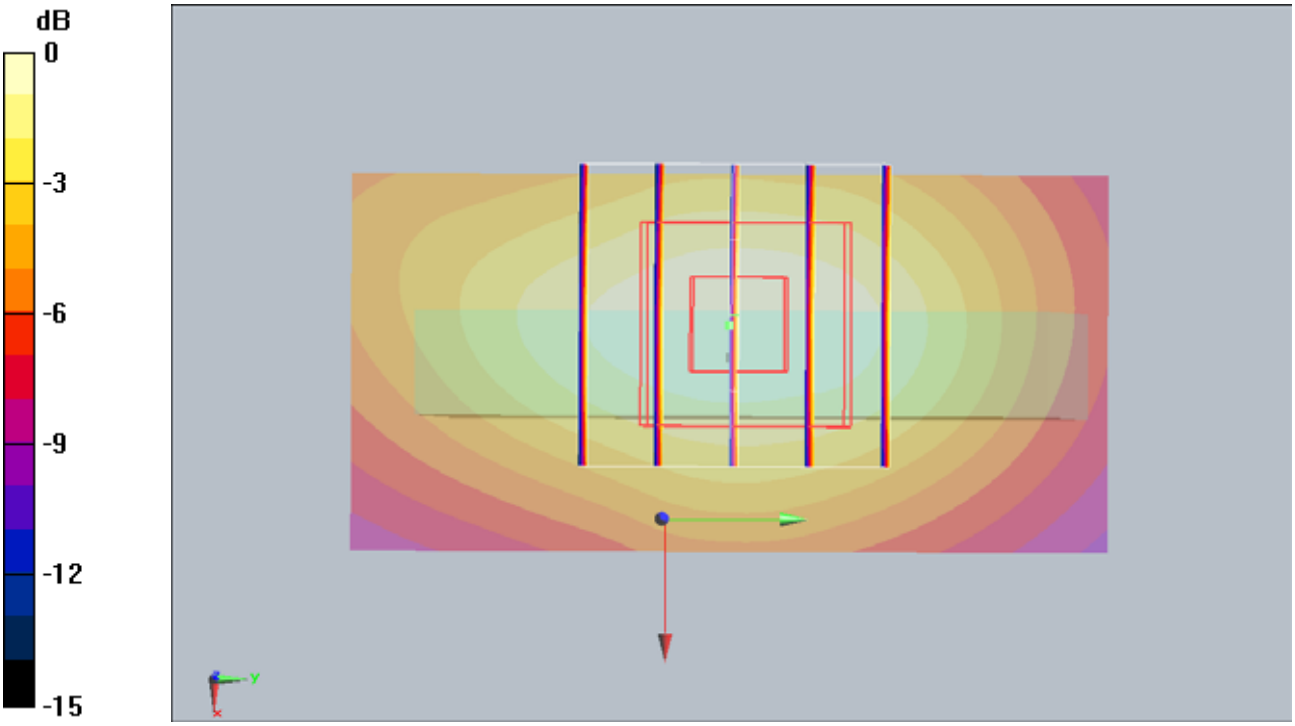
DUT: 142244-01

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110605 Medium parameters used: f = 1732.5 MHz; σ = 1.47 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch20175/Area Scan (21x41x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.502 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.1 V/m; Power Drift = 0.128 dB
Peak SAR (extrapolated) = 0.744 W/kg
SAR(1 g) = 0.467 mW/g; SAR(10 g) = 0.278 mW/g
Maximum value of SAR (measured) = 0.513 mW/g



0 dB = 0.513mW/g

#193 LTE Band 4_16QAM(1-49)_Down Side _1cm_Ch20175

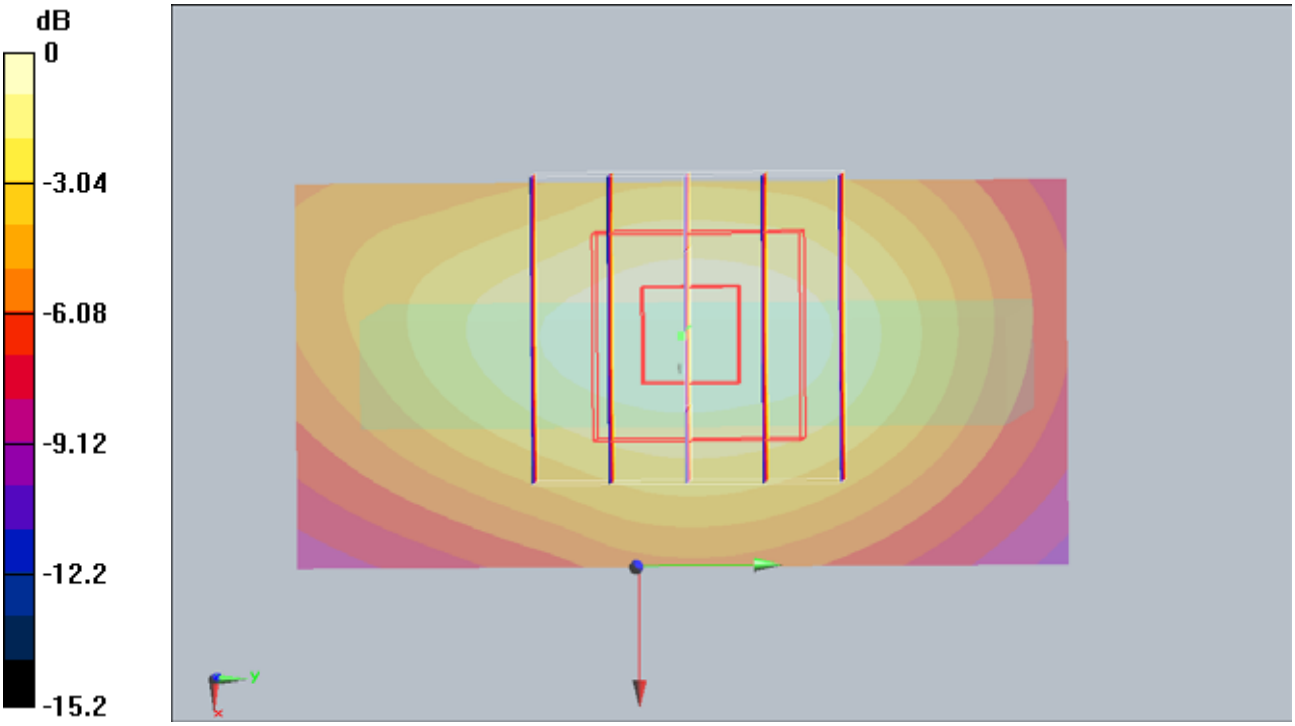
DUT: 142244-01

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110605 Medium parameters used: f = 1732.5 MHz; σ = 1.47 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch20175/Area Scan (21x41x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.508 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.2 V/m; Power Drift = 0.119 dB
Peak SAR (extrapolated) = 0.767 W/kg
SAR(1 g) = 0.476 mW/g; SAR(10 g) = 0.284 mW/g
Maximum value of SAR (measured) = 0.527 mW/g



0 dB = 0.527mW/g

#194 LTE Band 4_16QAM(25-13)_Front Face _1cm_Ch20175_Earphone

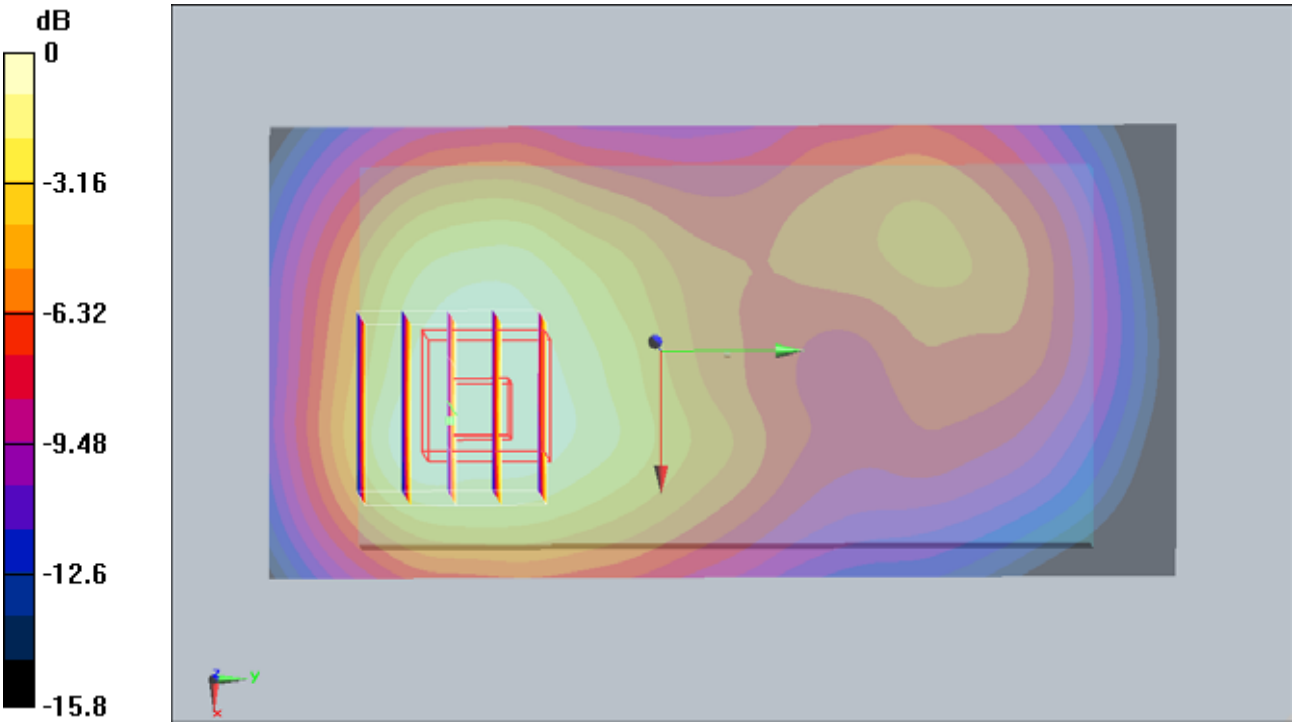
DUT: 142244-01

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110605 Medium parameters used: f = 1732.5 MHz; σ = 1.47 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch20175/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.947 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.3 V/m; Power Drift = 0.014 dB
Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.810 mW/g; SAR(10 g) = 0.525 mW/g
Maximum value of SAR (measured) = 0.857 mW/g



0 dB = 0.857mW/g

#195 LTE Band 4_16QAM(1-0)_Front Face _1cm_Ch20175_Earphone

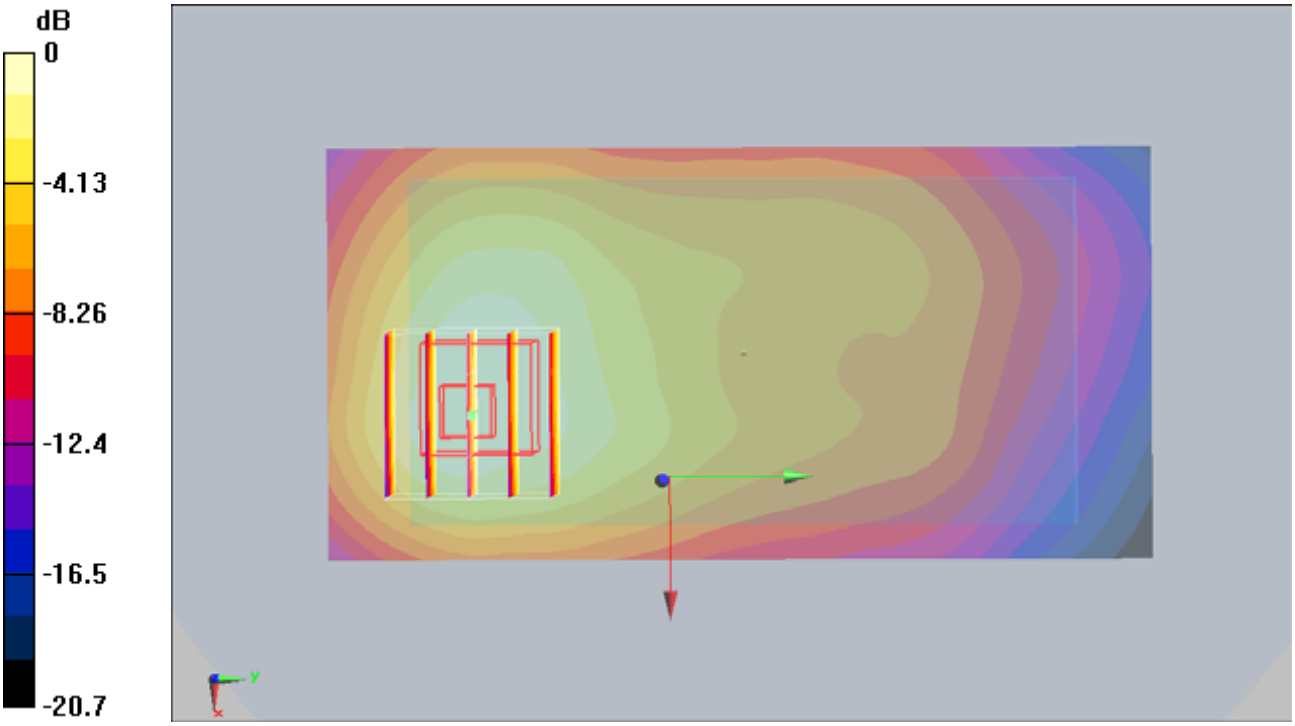
DUT: 142244-01

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110605 Medium parameters used: f = 1732.5 MHz; σ = 1.47 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch20175/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.923 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.8 V/m; Power Drift = -0.138 dB
Peak SAR (extrapolated) = 1.24 W/kg
SAR(1 g) = 0.781 mW/g; SAR(10 g) = 0.490 mW/g
Maximum value of SAR (measured) = 0.843 mW/g



0 dB = 0.843mW/g

#196 LTE Band 4_16QAM(1-49)_Front Face _1cm_Ch20175_Earphone

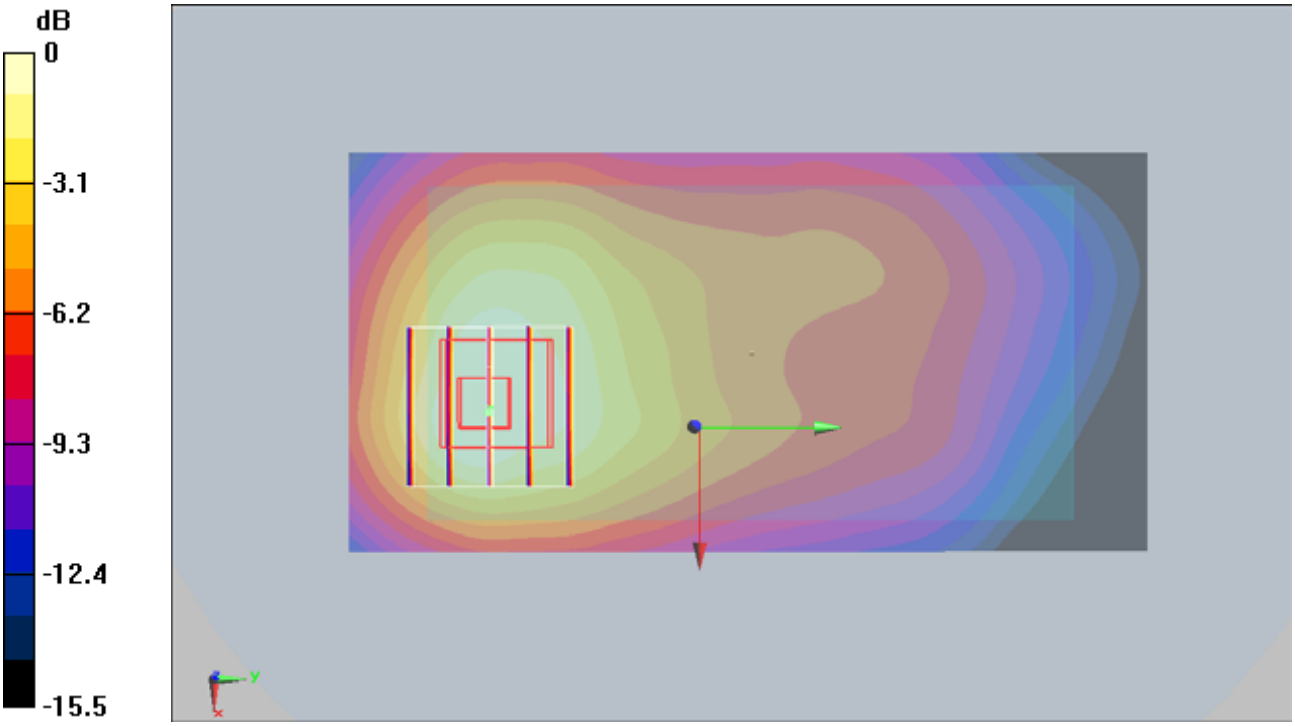
DUT: 142244-01

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110605 Medium parameters used: f = 1732.5 MHz; σ = 1.47 mho/m; ε_r = 52.9; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: SAM-Back; Type: QD 000 P40 C; Serial: TP-1383
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

Ch20175/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.953 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.5 V/m; Power Drift = 0.044 dB
Peak SAR (extrapolated) = 1.24 W/kg
SAR(1 g) = 0.796 mW/g; SAR(10 g) = 0.502 mW/g
Maximum value of SAR (measured) = 0.857 mW/g



0 dB = 0.857mW/g

#83 802.11b_Right Cheek_Ch11

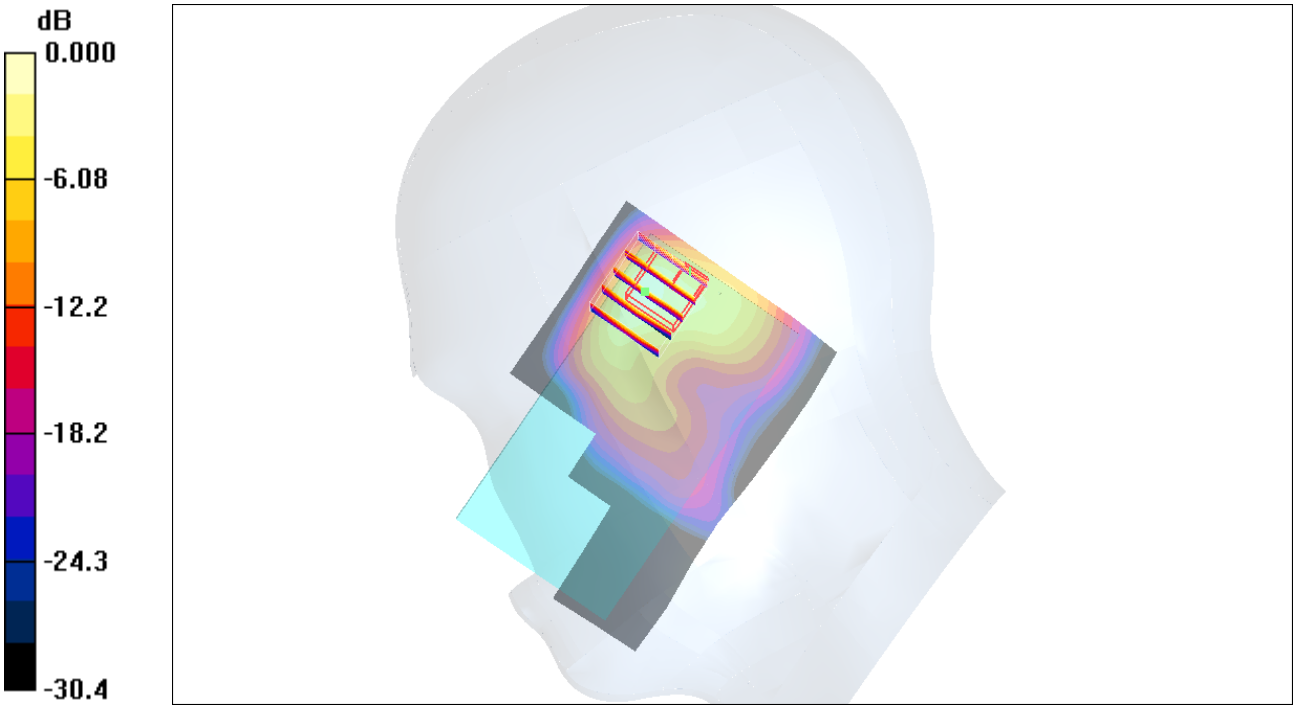
DUT: 14224-01

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: HSL_2450_110602 Medium parameters used: f = 2462 MHz; σ = 1.85 mho/m; ε_r = 39.2; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.77, 6.77, 6.77); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.457 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.4 V/m; Power Drift = 0.159 dB
Peak SAR (extrapolated) = 1.26 W/kg
SAR(1 g) = 0.483 mW/g; SAR(10 g) = 0.180 mW/g
Maximum value of SAR (measured) = 0.486 mW/g



0 dB = 0.486mW/g

#84 802.11b_Right Tilted_Ch11

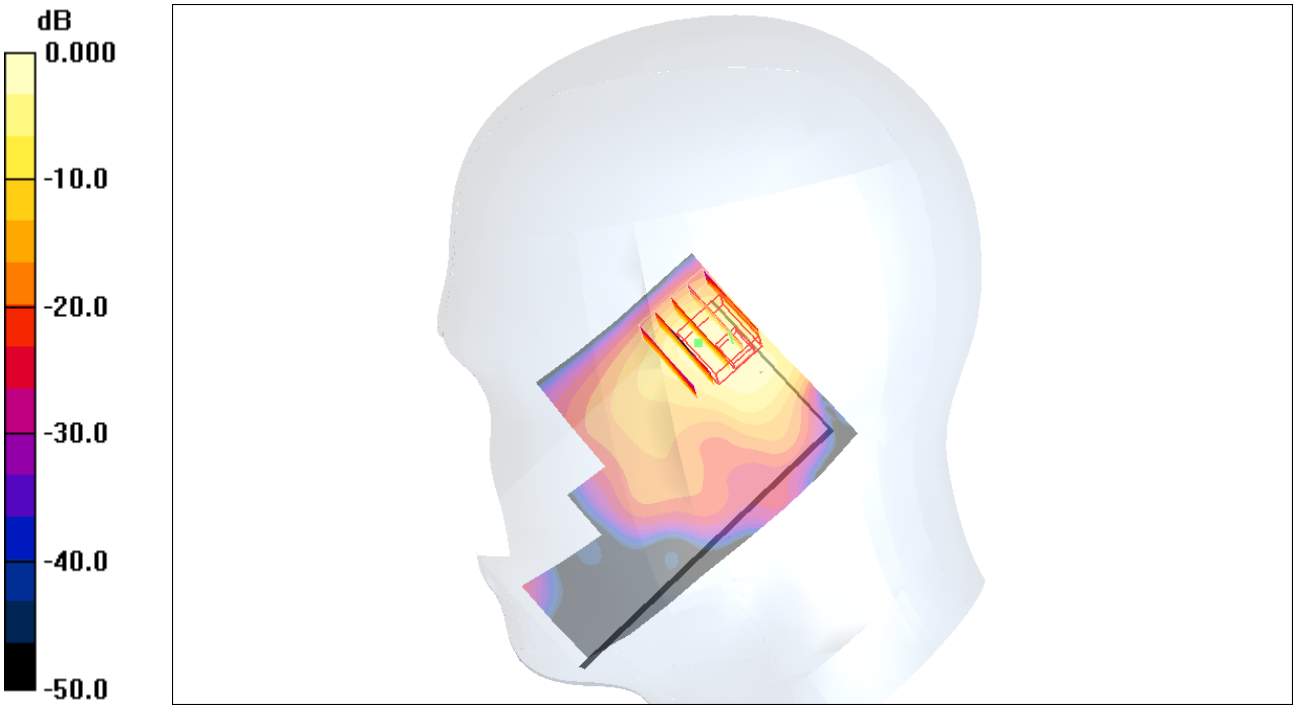
DUT: 14224-01

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: HSL_2450_110602 Medium parameters used: f = 2462 MHz; σ = 1.85 mho/m; ε_r = 39.2; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.77, 6.77, 6.77); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.286 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.0 V/m; Power Drift = 0.010 dB
Peak SAR (extrapolated) = 1.66 W/kg
SAR(1 g) = 0.606 mW/g; SAR(10 g) = 0.200 mW/g
Maximum value of SAR (measured) = 0.765 mW/g



0 dB = 0.765mW/g

#84 802.11b_Right Tilted_Ch11_2D

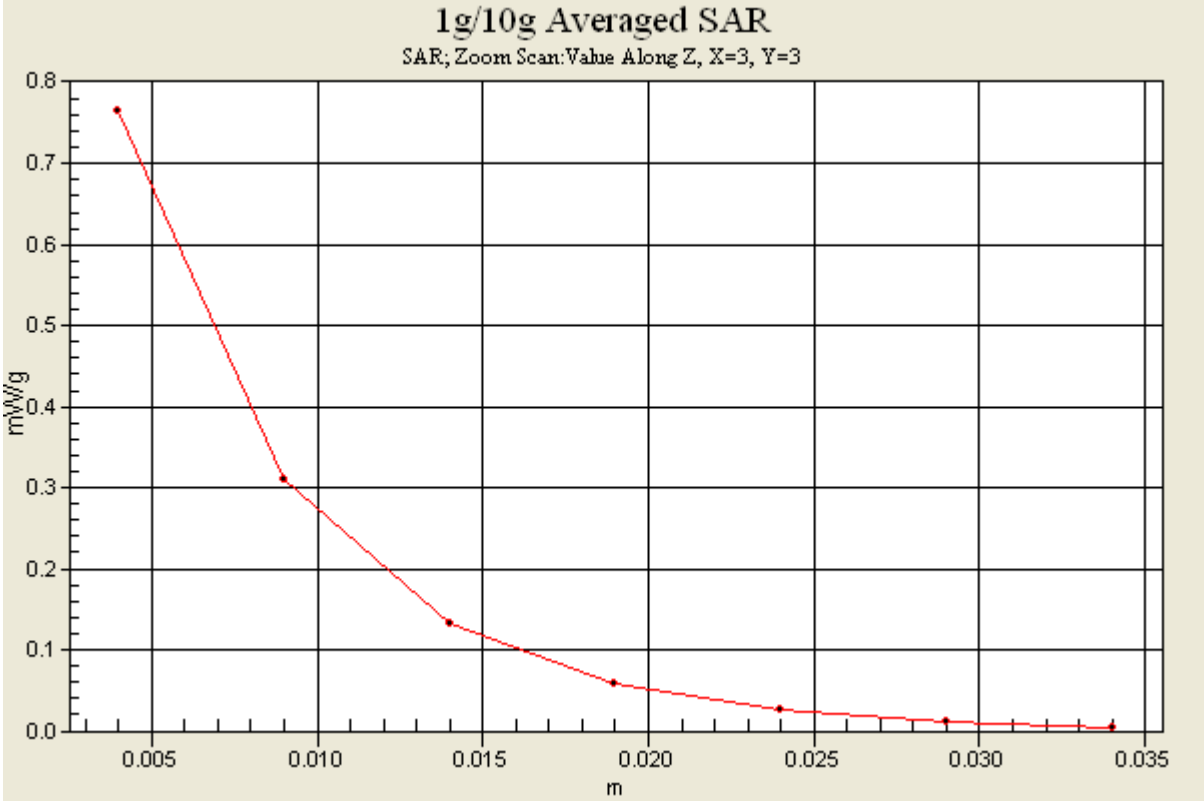
DUT: 14224-01

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: HSL_2450_110602 Medium parameters used: f = 2462 MHz; σ = 1.85 mho/m; ε_r = 39.2; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.77, 6.77, 6.77); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.286 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.0 V/m; Power Drift = 0.010 dB
Peak SAR (extrapolated) = 1.66 W/kg
SAR(1 g) = 0.606 mW/g; SAR(10 g) = 0.200 mW/g
Maximum value of SAR (measured) = 0.765 mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=3, Y=3
mW/g
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

#85 802.11b_Left Cheek_Ch11

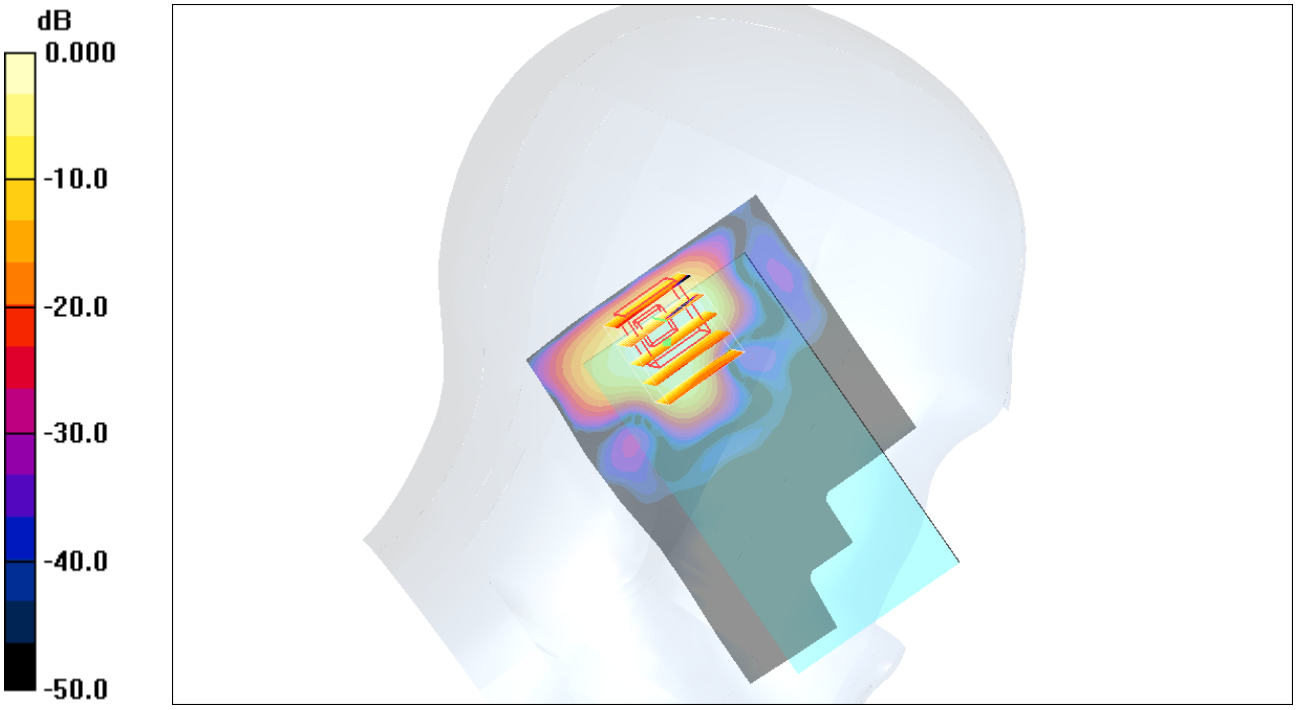
DUT: 14224-01

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: HSL_2450_110602 Medium parameters used: f = 2462 MHz; σ = 1.85 mho/m; ε_r = 39.2; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.77, 6.77, 6.77); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.535 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.0 V/m; Power Drift = 0.175 dB
Peak SAR (extrapolated) = 0.705 W/kg
SAR(1 g) = 0.316 mW/g; SAR(10 g) = 0.104 mW/g
Maximum value of SAR (measured) = 0.357 mW/g



0 dB = 0.357mW/g

#86 802.11b_Left Tilted_Ch11

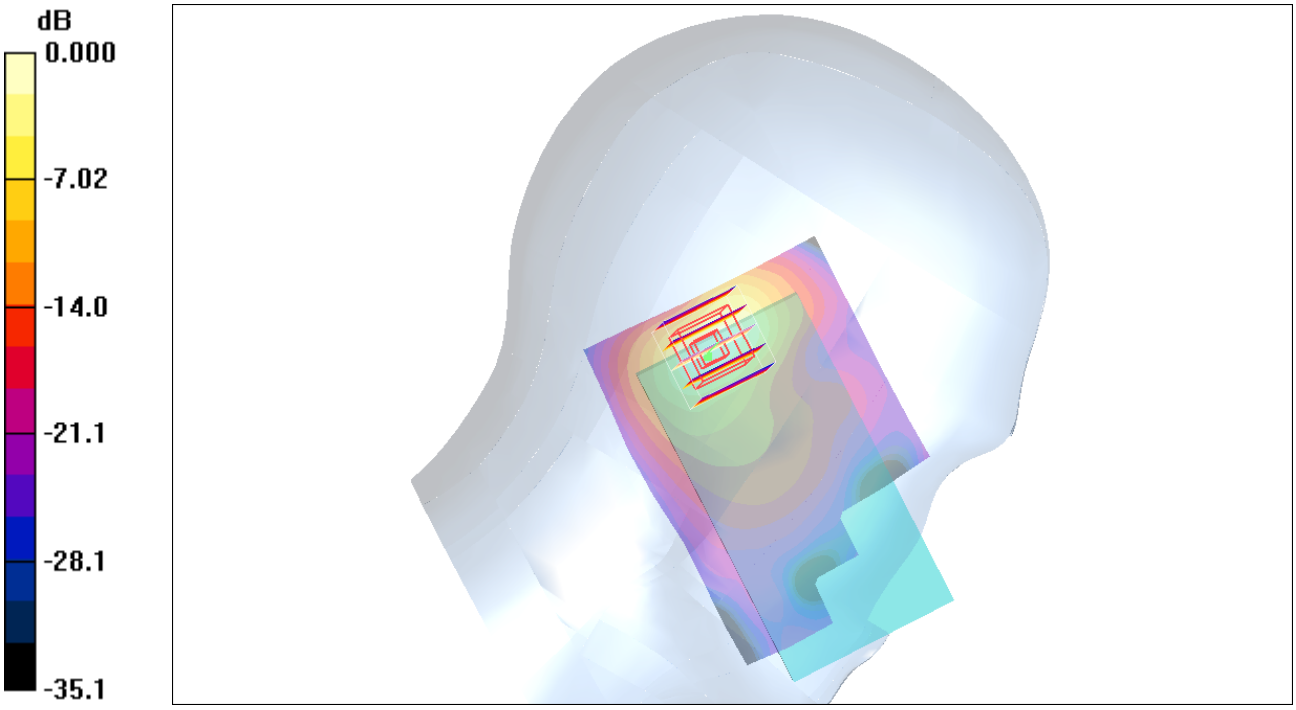
DUT: 14224-01

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: HSL_2450_110602 Medium parameters used: f = 2462 MHz; σ = 1.85 mho/m; ε_r = 39.2; ρ = 1000 kg/m^3
Ambient Temperature：22.5 ℃； Liquid Temperature：21.5 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(6.77, 6.77, 6.77); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Left; Type: SAM; Serial: TP-1150
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (51x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.591 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.6 V/m; Power Drift = 0.012 dB
Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.430 mW/g; SAR(10 g) = 0.158 mW/g
Maximum value of SAR (measured) = 0.579 mW/g



0 dB = 0.579mW/g

#87 802.11b_Front Face_1cm_Ch11

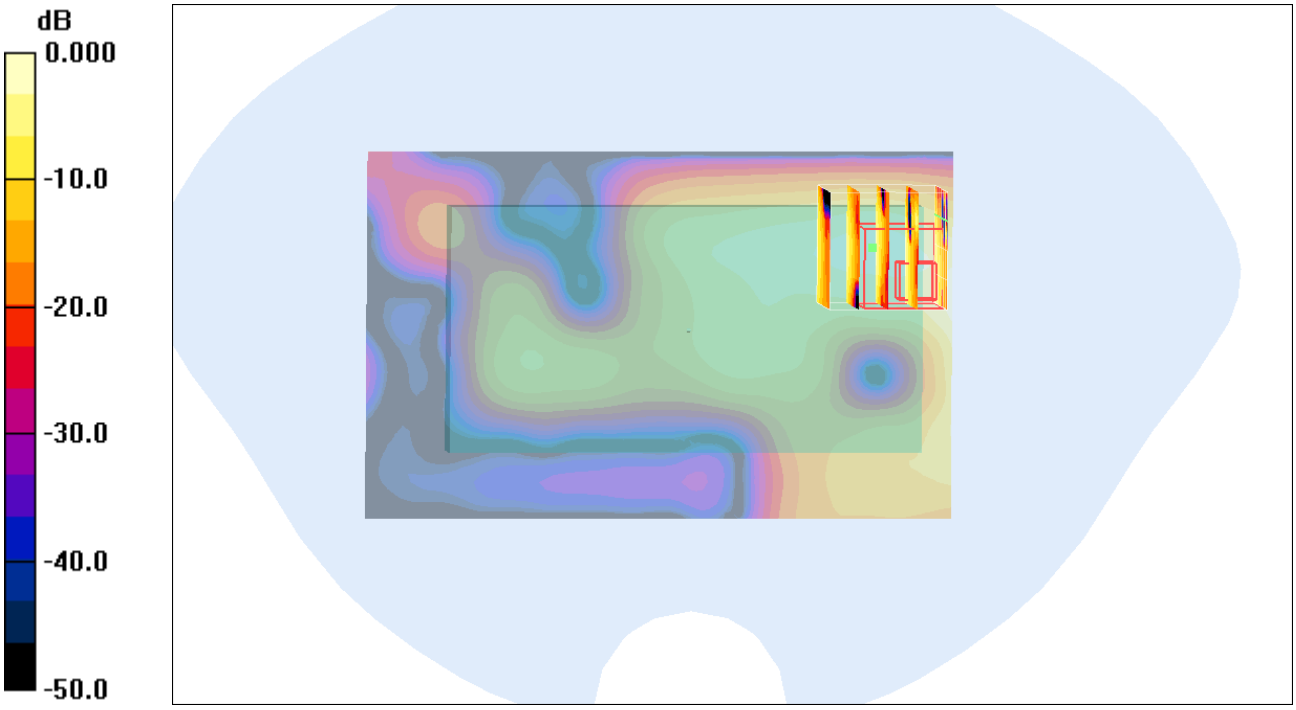
DUT: 142244-01

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_110602 Medium parameters used: f = 2462 MHz; σ = 2.04 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.02, 7.02, 7.02); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.064 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.05 V/m; Power Drift = 0.102 dB
Peak SAR (extrapolated) = 0.253 W/kg
SAR(1 g) = 0.066 mW/g; SAR(10 g) = 0.022 mW/g
Maximum value of SAR (measured) = 0.089 mW/g



0 dB = 0.089mW/g

#88 802.11b_Rear Face_1cm_Ch11

DUT: 142244-01

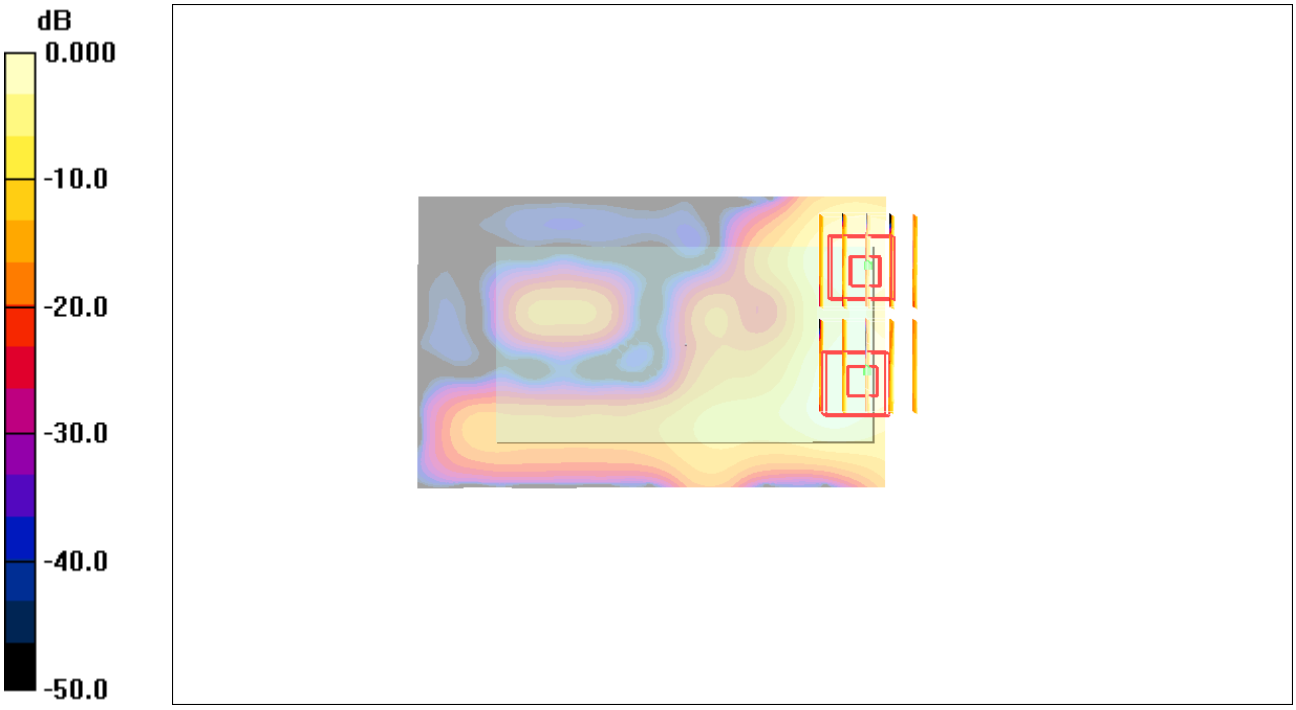
Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_110602 Medium parameters used: f = 2462 MHz; σ = 2.04 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃； Liquid Temperature：21.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.02, 7.02, 7.02); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.062 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.10 V/m; Power Drift = 0.143 dB
Peak SAR (extrapolated) = 0.146 W/kg
SAR(1 g) = 0.070 mW/g; SAR(10 g) = 0.031 mW/g
Maximum value of SAR (measured) = 0.074 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.10 V/m; Power Drift = 0.143 dB
Peak SAR (extrapolated) = 0.102 W/kg
SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.028 mW/g
Maximum value of SAR (measured) = 0.063 mW/g



0 dB = 0.063mW/g

#88 802.11b_Rear Face_1cm_Ch11_2D

DUT: 142244-01

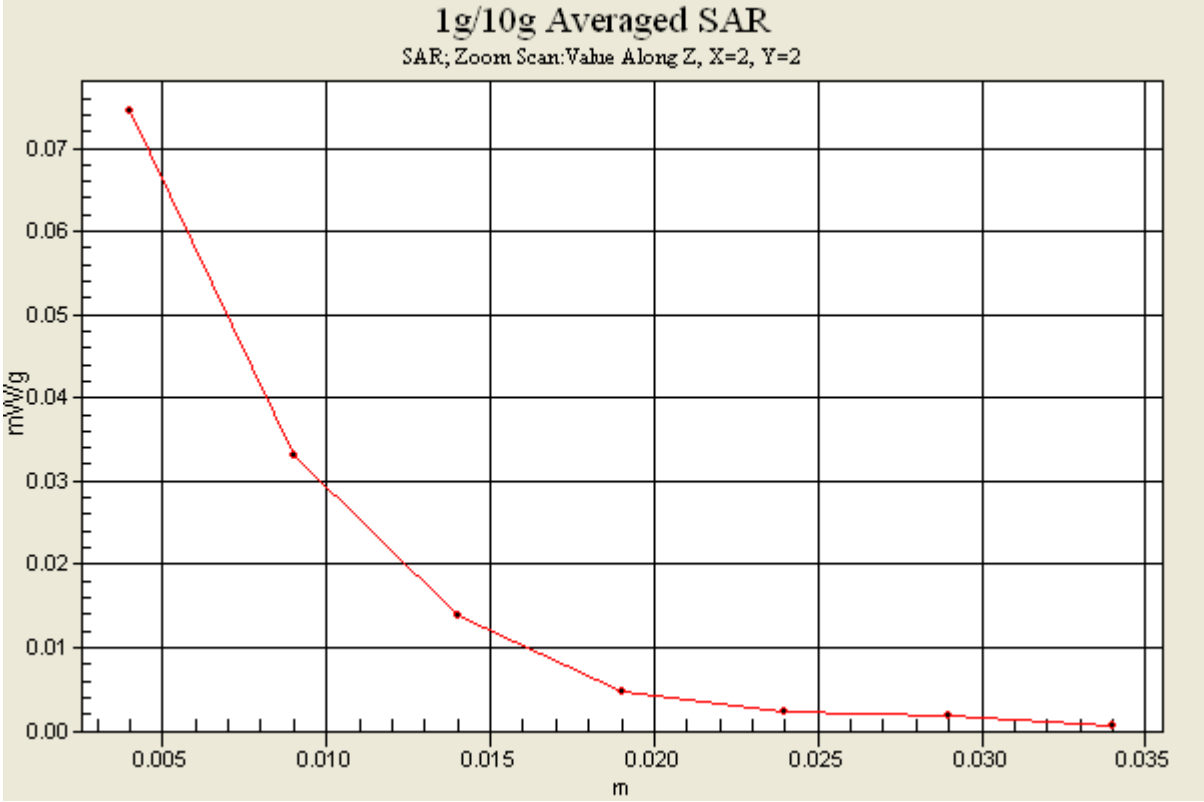
Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_110602 Medium parameters used: f = 2462 MHz; σ = 2.04 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃； Liquid Temperature：21.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.02, 7.02, 7.02); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.062 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.10 V/m; Power Drift = 0.143 dB
Peak SAR (extrapolated) = 0.146 W/kg
SAR(1 g) = 0.070 mW/g; SAR(10 g) = 0.031 mW/g
Maximum value of SAR (measured) = 0.074 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.10 V/m; Power Drift = 0.143 dB
Peak SAR (extrapolated) = 0.102 W/kg
SAR(1 g) = 0.058 mW/g; SAR(10 g) = 0.028 mW/g
Maximum value of SAR (measured) = 0.063 mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=2
mW/g
0.07
0.06
0.05
0.04
0.03
0.02
0.01
0.00
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

#89 802.11b_Left Side_1cm_Ch11

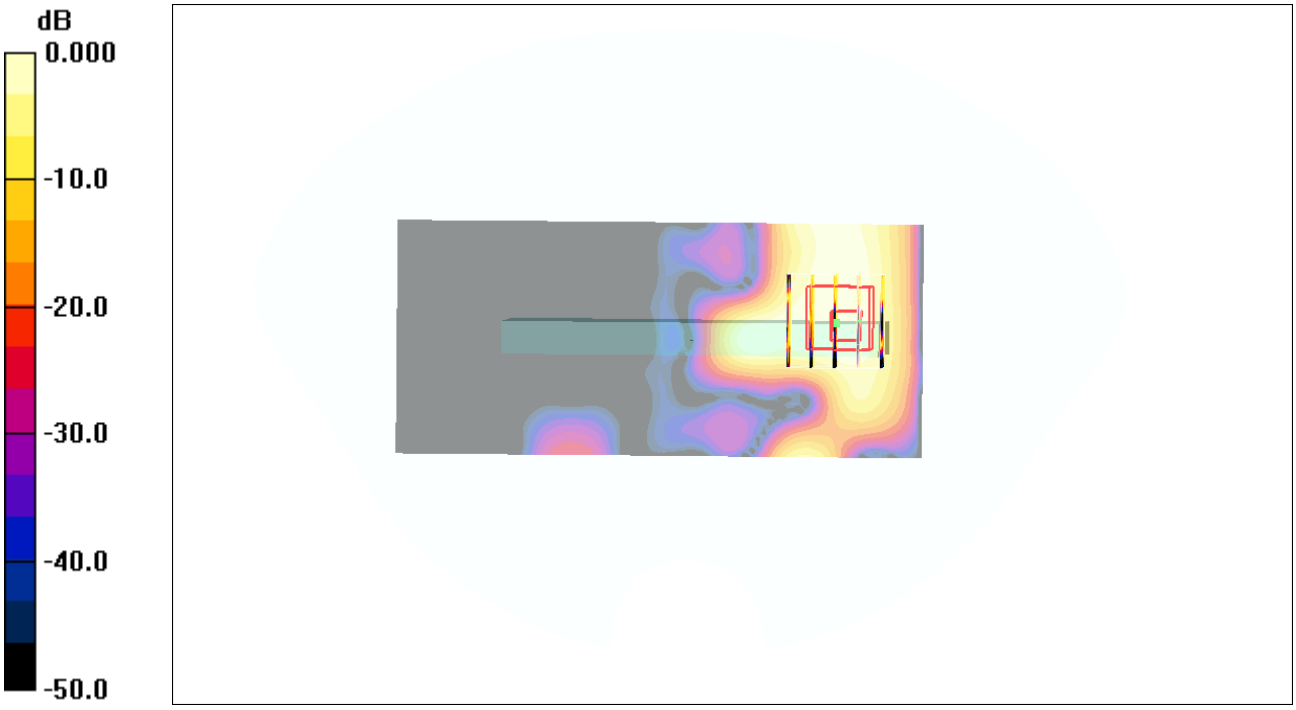
DUT: 142244-01

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_110602 Medium parameters used: f = 2462 MHz; σ = 2.04 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃； Liquid Temperature：21.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.02, 7.02, 7.02); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (41x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.019 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.09 V/m; Power Drift = 0.184 dB
Peak SAR (extrapolated) = 0.049 W/kg
SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00384 mW/g
Maximum value of SAR (measured) = 0.009 mW/g



0 dB = 0.009mW/g

#90 802.11b_Right Side_1cm_Ch11

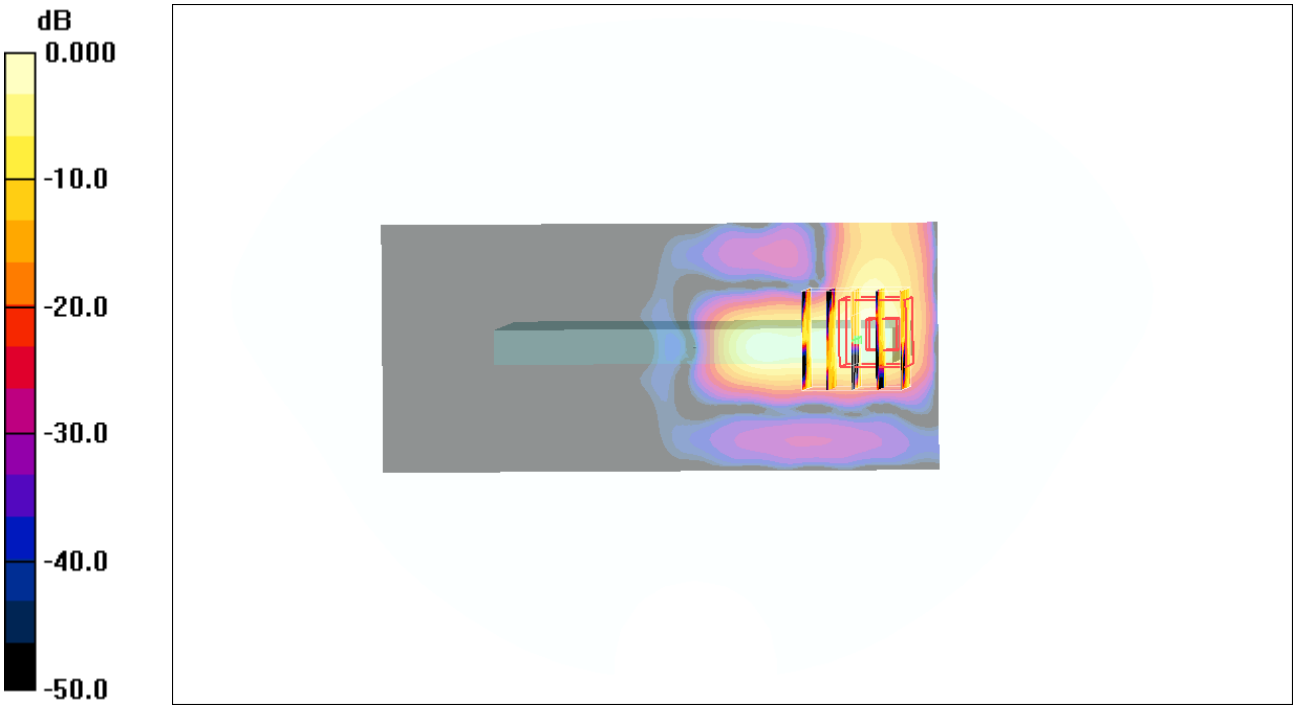
DUT: 142244-01

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_110602 Medium parameters used: f = 2462 MHz; σ = 2.04 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃； Liquid Temperature：21.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.02, 7.02, 7.02); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (41x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.020 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.000 V/m; Power Drift =0.132 dB
Peak SAR (extrapolated) = 0.043 W/kg
SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00345 mW/g
Maximum value of SAR (measured) = 0.014 mW/g



0 dB = 0.014mW/g

#91 802.11b_Top Side_1cm_Ch11

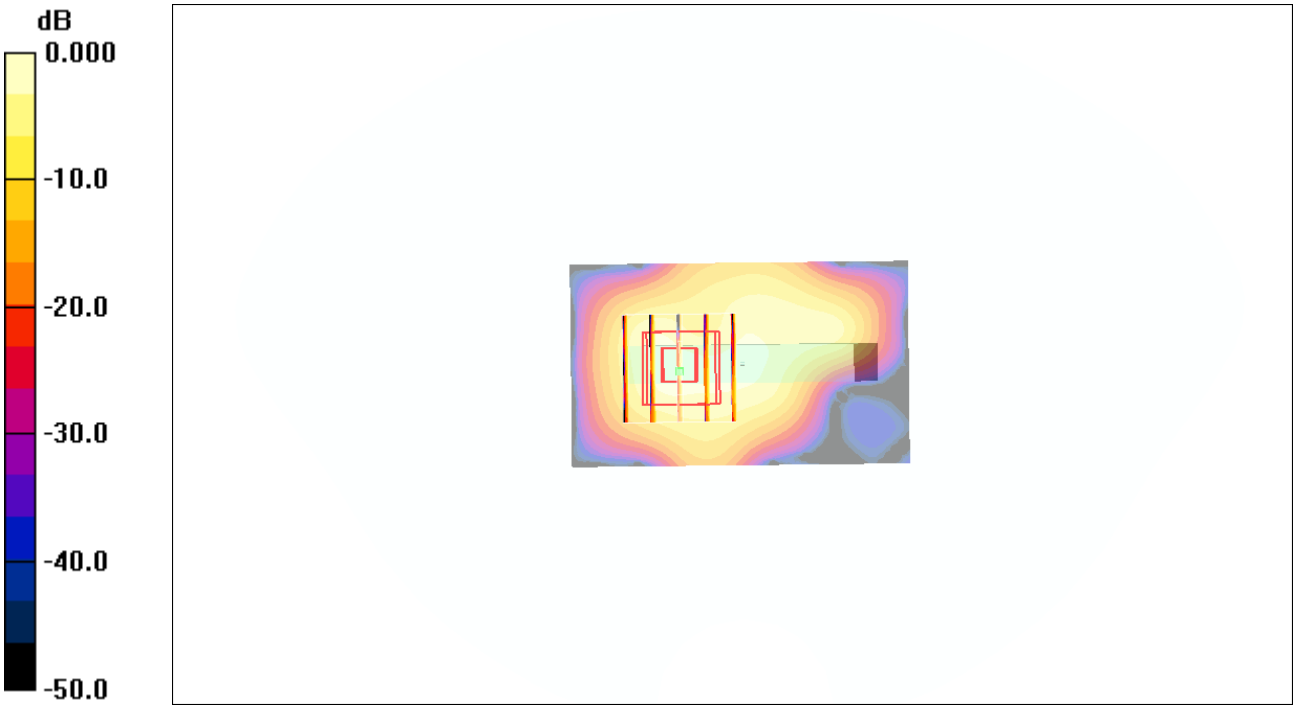
DUT: 142244-01

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_110602 Medium parameters used: f = 2462 MHz; σ = 2.04 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.02, 7.02, 7.02); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (31x51x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.067 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.43 V/m; Power Drift = 0.111 dB
Peak SAR (extrapolated) = 0.127 W/kg
SAR(1 g) = 0.063 mW/g; SAR(10 g) = 0.024 mW/g
Maximum value of SAR (measured) = 0.087 mW/g



0 dB = 0.087mW/g

#92 802.11b_Rear Face_1cm_Ch11_Earphone

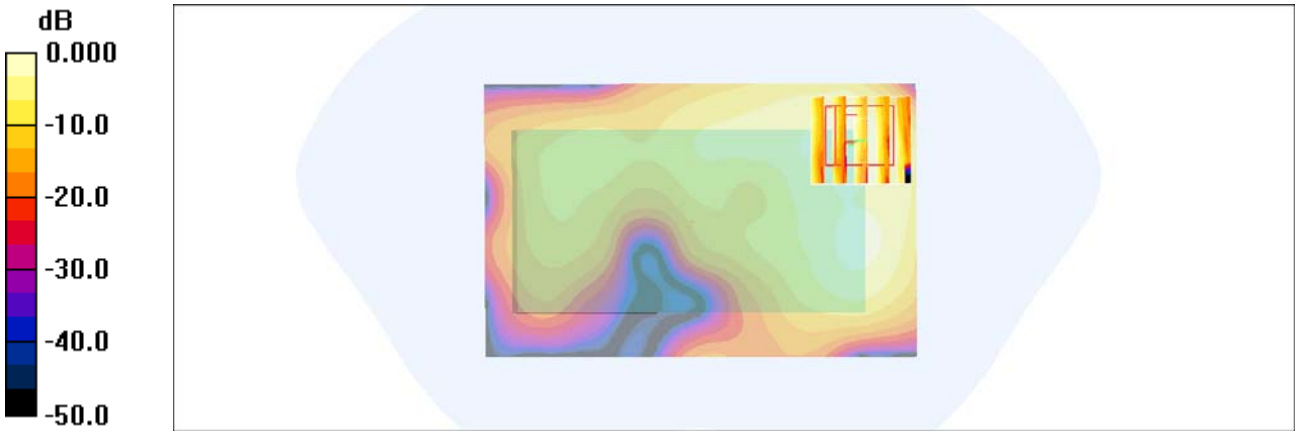
DUT: 142244-01

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_110602 Medium parameters used: f = 2462 MHz; σ = 2.04 mho/m; ε_r = 53.9; ρ = 1000 kg/m^3
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.02, 7.02, 7.02); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2011/4/28
- Phantom: SAM_Right; Type: SAM; Serial: TP-1303
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.093 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.47 V/m; Power Drift = -0.121 dB
Peak SAR (extrapolated) = 0.104 W/kg
SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.026 mW/g
Maximum value of SAR (measured) = 0.068 mW/g



0 dB = 0.068mW/g