Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/07/10

P321 LTE 17_QPSK_10M_Front Face_1cm_Ch23790_25RB_Offset 12

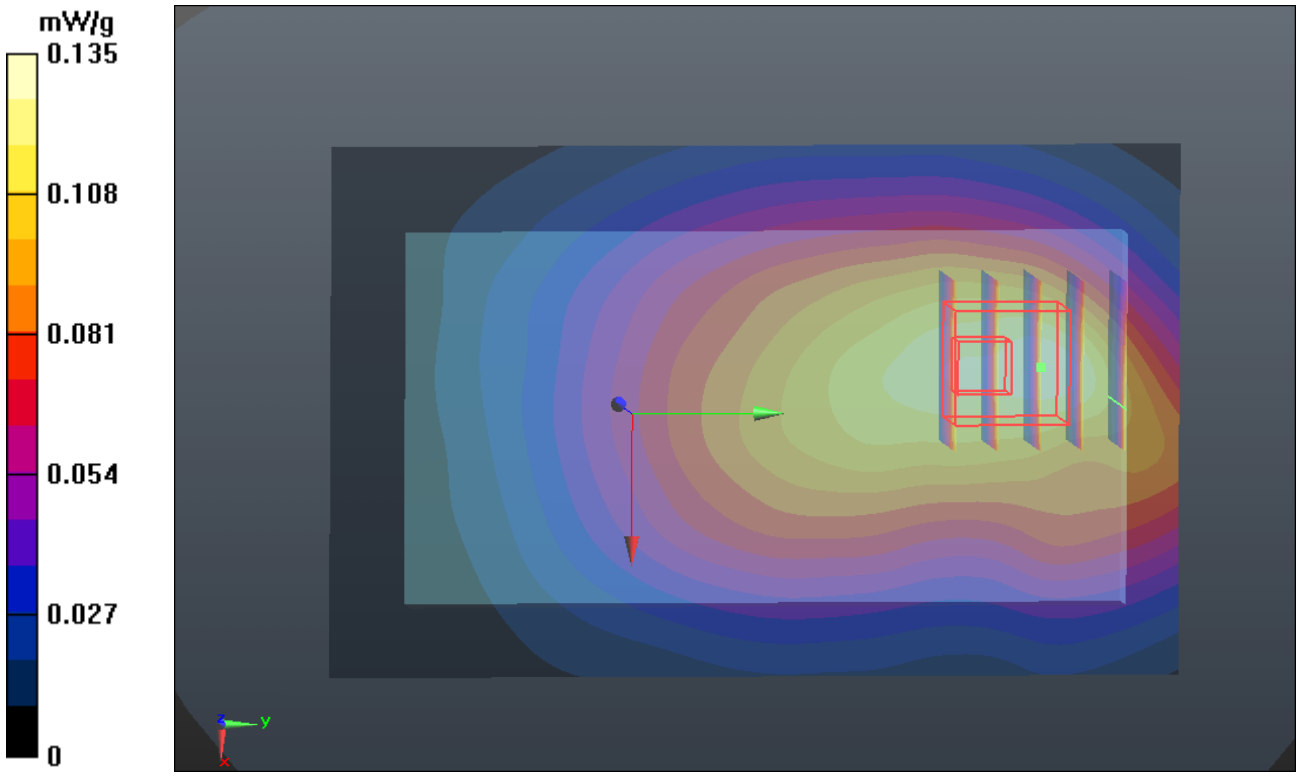
DUT: 120626C35

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: B750_0710 Medium parameters used: f = 710 MHz; σ = 0.933 mho/m; ε_r = 55.579; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.135 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.207 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.168 mW/g
SAR(1 g) = 0.110 mW/g; SAR(10 g) = 0.078 mW/g
Maximum value of SAR (measured) = 0.131 mW/g



P202 LTE 17_QPSK_10M_Rear Face _1cm_Ch23790_25RB_Offset 12

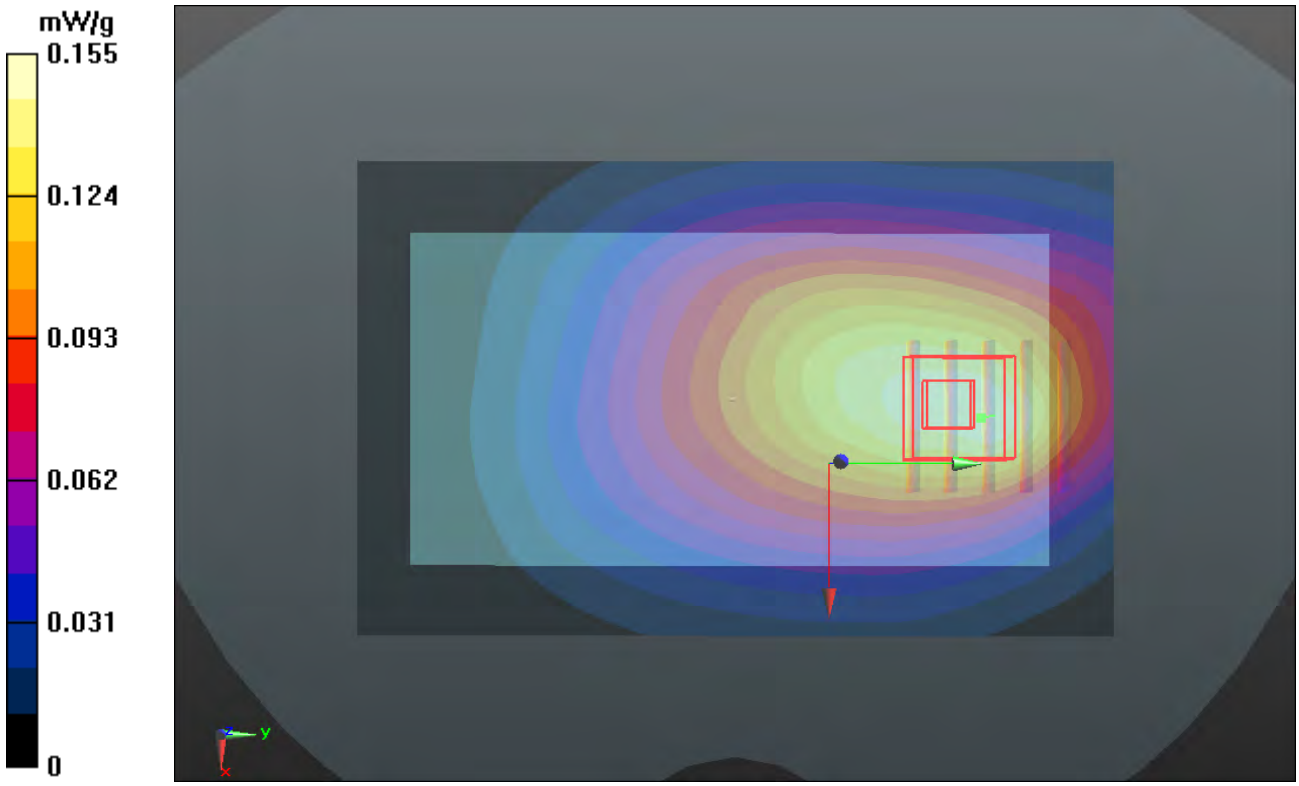
DUT: 120626C35

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: B750_0710 Medium parameters used: f = 710 MHz; σ = 0.933 mho/m; ε_r = 55.579; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.155 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.385 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.184 mW/g
SAR(1 g) = 0.128 mW/g; SAR(10 g) = 0.094 mW/g
Maximum value of SAR (measured) = 0.151 mW/g



P203 LTE 17_QPSK_10M_Left Side_1cm_Ch23790_25RB_Offset 12

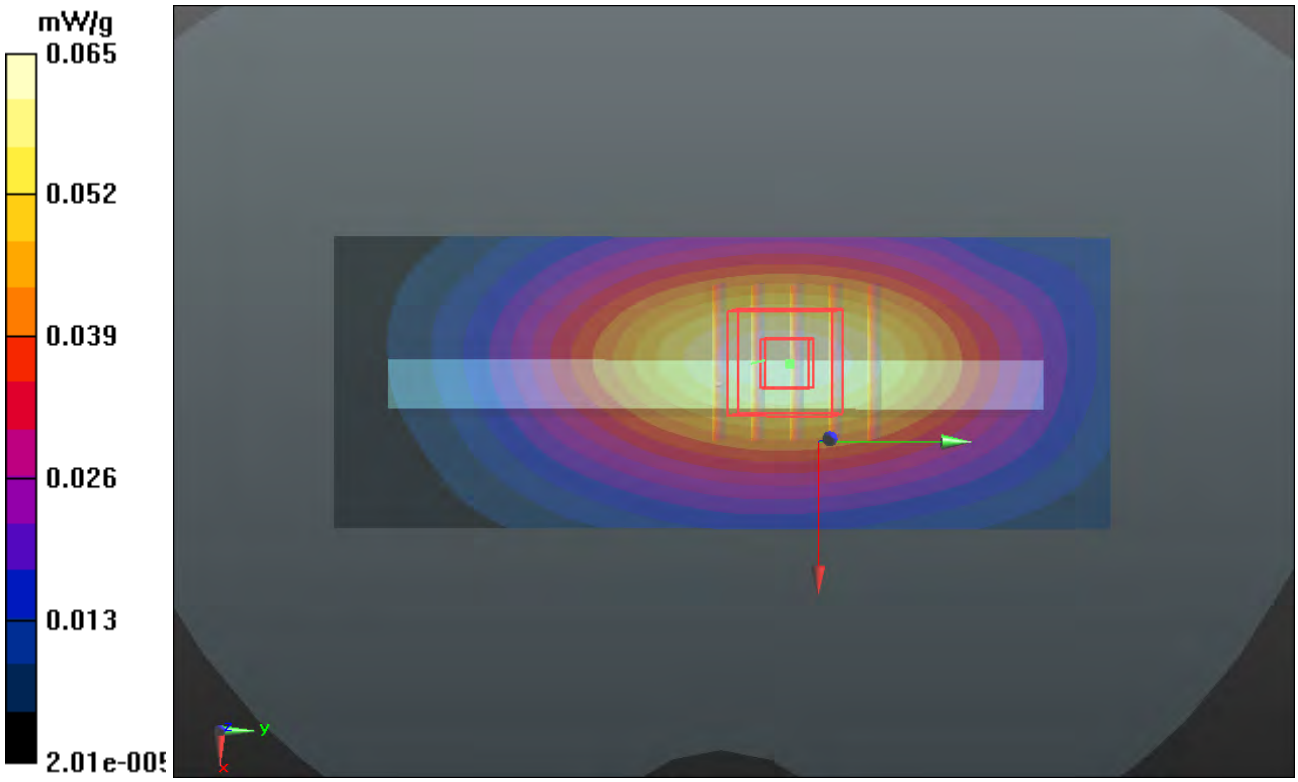
DUT: 120626C35

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: B750_0710 Medium parameters used: f = 710 MHz; σ = 0.933 mho/m; ε_r = 55.579; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23790/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.0647 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.275 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.074 mW/g
SAR(1 g) = 0.054 mW/g; SAR(10 g) = 0.039 mW/g
Maximum value of SAR (measured) = 0.0652 mW/g



P204 LTE 17_QPSK_10M_Right Side_1cm_Ch23790_25RB_Offset 12

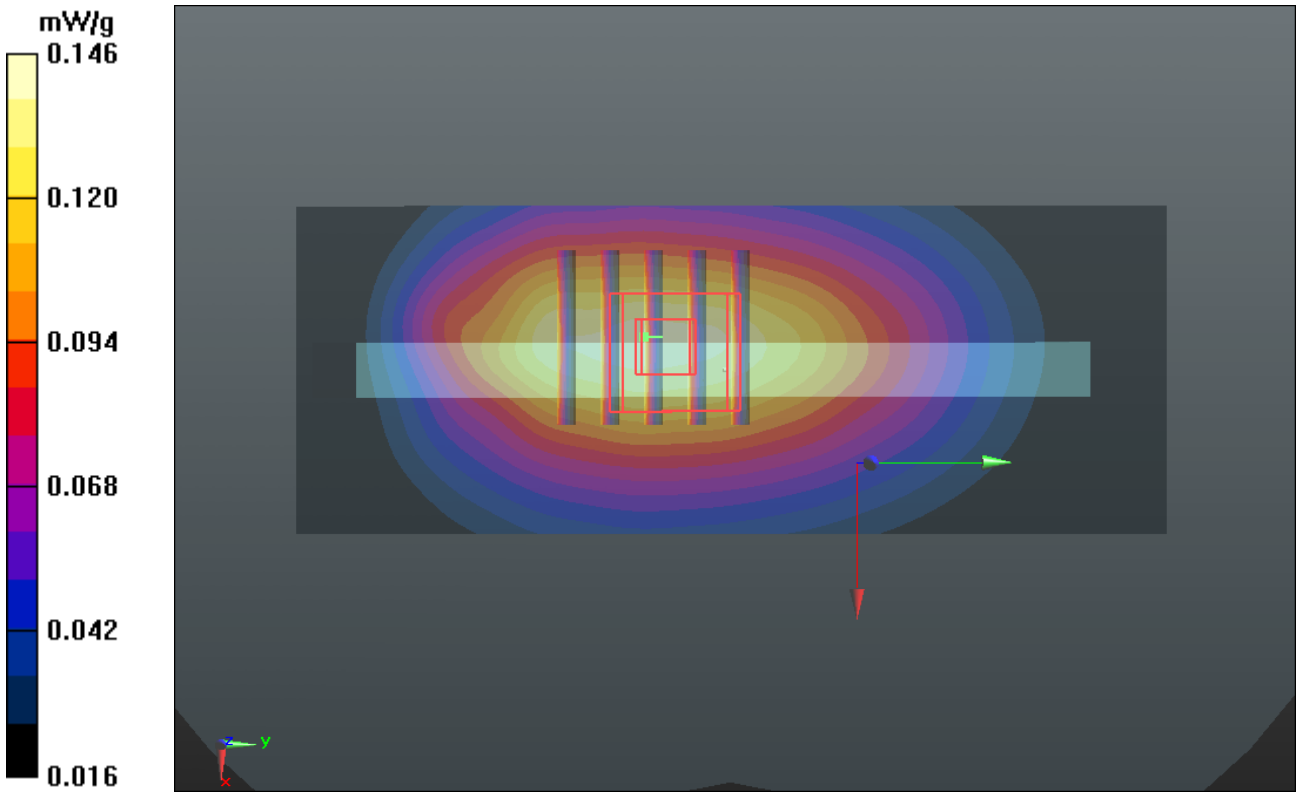
DUT: 120626C35

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: B750_0710 Medium parameters used: f = 710 MHz; σ = 0.933 mho/m; ε_r = 55.579; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23790/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.142 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.551 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.179 mW/g
SAR(1 g) = 0.123 mW/g; SAR(10 g) = 0.088 mW/g
Maximum value of SAR (measured) = 0.146 mW/g



P205 LTE 17_QPSK_10M_Top Side_1cm_Ch23790_25RB_Offset 12

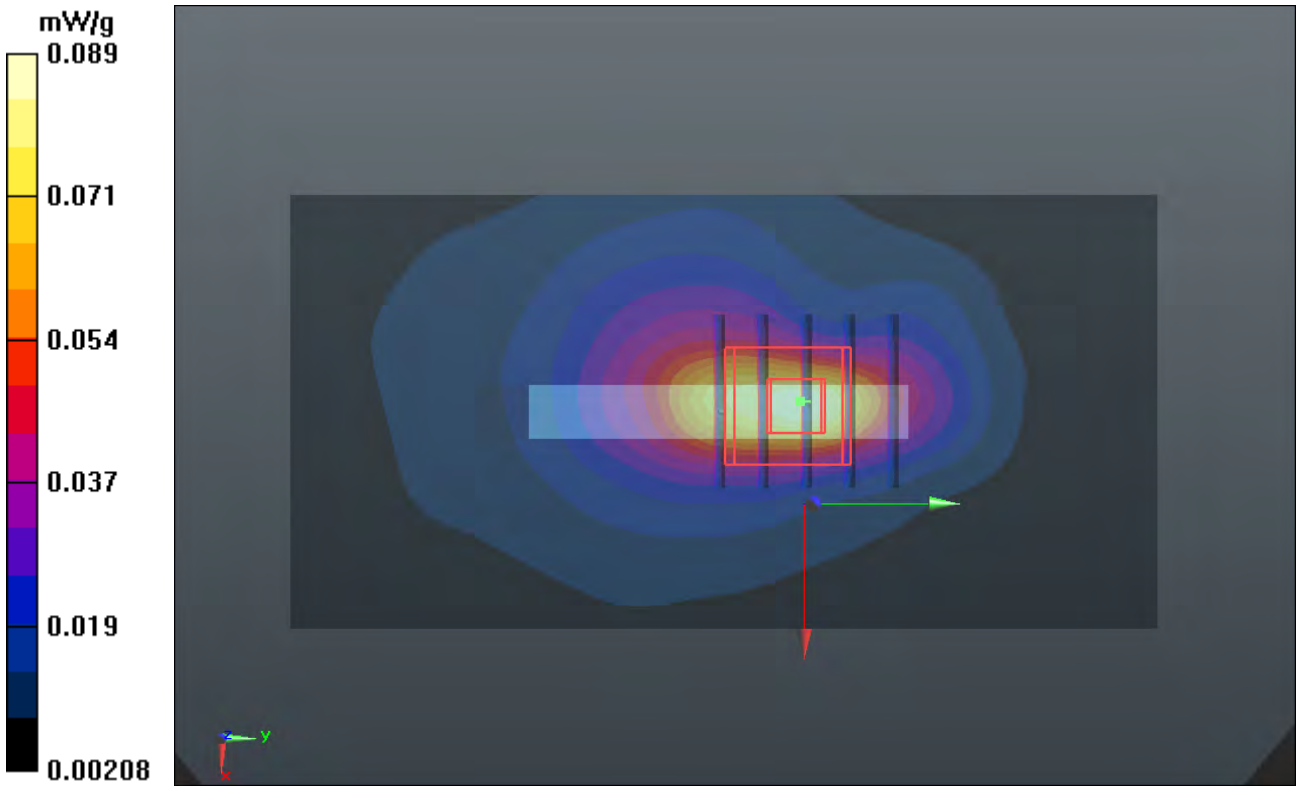
DUT: 120626C35

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: B750_0710 Medium parameters used: f = 710 MHz; σ = 0.933 mho/m; ε_r = 55.579; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23790/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.0887 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.135 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.121 mW/g
SAR(1 g) = 0.063 mW/g; SAR(10 g) = 0.034 mW/g
Maximum value of SAR (measured) = 0.0929 mW/g



P322LTE 17_QPSK_10M_Front Face_1cm_Ch23790_1RB_Offset 0

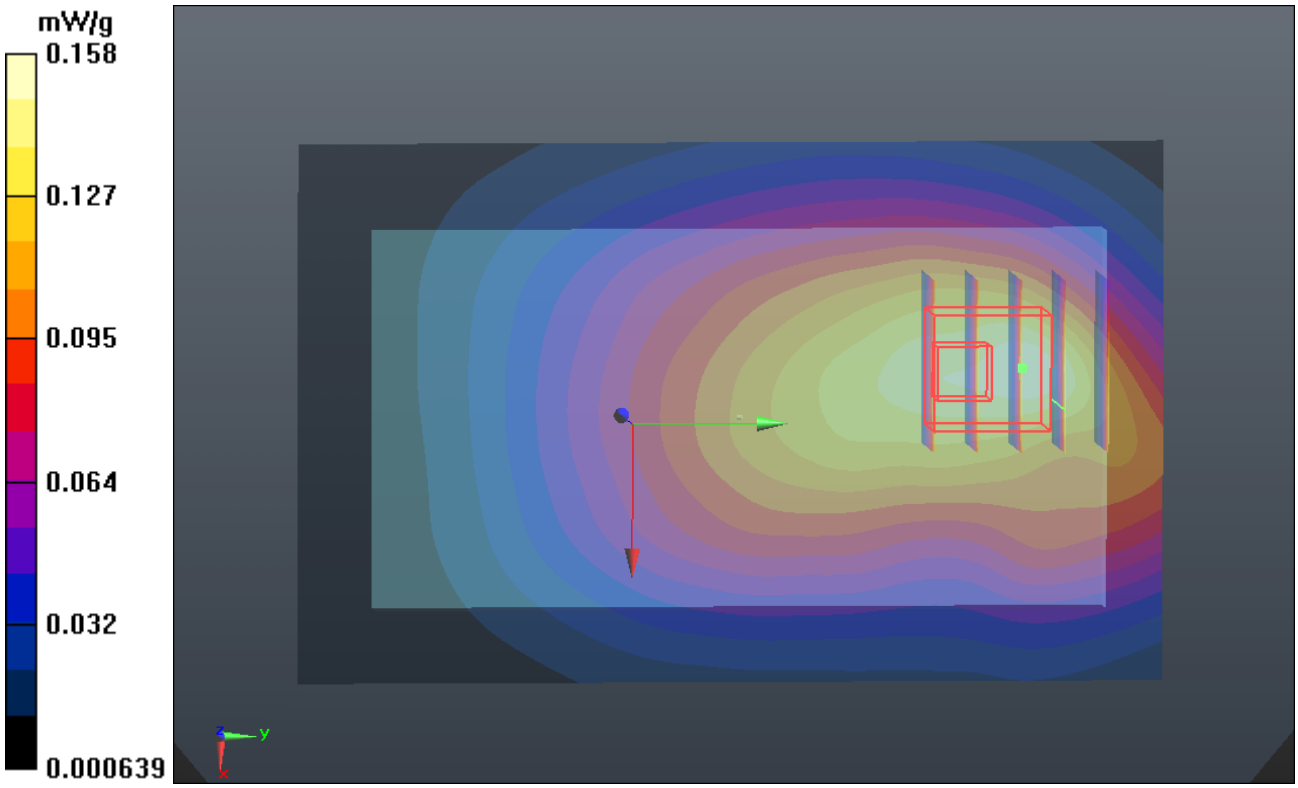
DUT: 120626C35

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: B750_0710 Medium parameters used: f = 710 MHz; σ = 0.933 mho/m; ε_r = 55.579; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.158 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.753 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.188 mW/g
SAR(1 g) = 0.122 mW/g; SAR(10 g) = 0.087 mW/g
Maximum value of SAR (measured) = 0.149 mW/g



P208 LTE 17_QPSK_10M_Rear Face _1cm_Ch23790_1RB_Offset 0

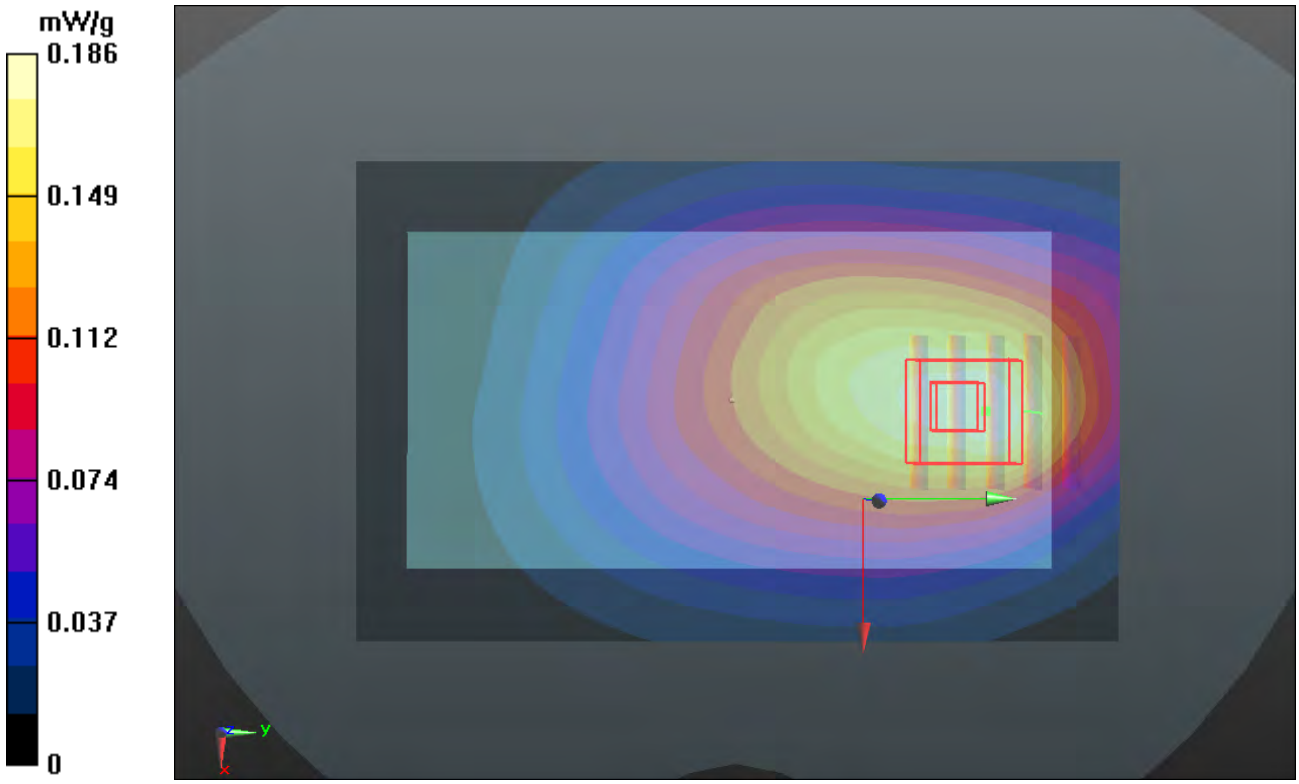
DUT: 120626C35

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: B750_0710 Medium parameters used: f = 710 MHz; σ = 0.933 mho/m; ε_r = 55.579; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.186 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.219 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.217 mW/g
SAR(1 g) = 0.151 mW/g; SAR(10 g) = 0.111 mW/g
Maximum value of SAR (measured) = 0.180 mW/g



P209 LTE 17_QPSK_10M_Left Side_1cm_Ch23790_1RB_Offset 0

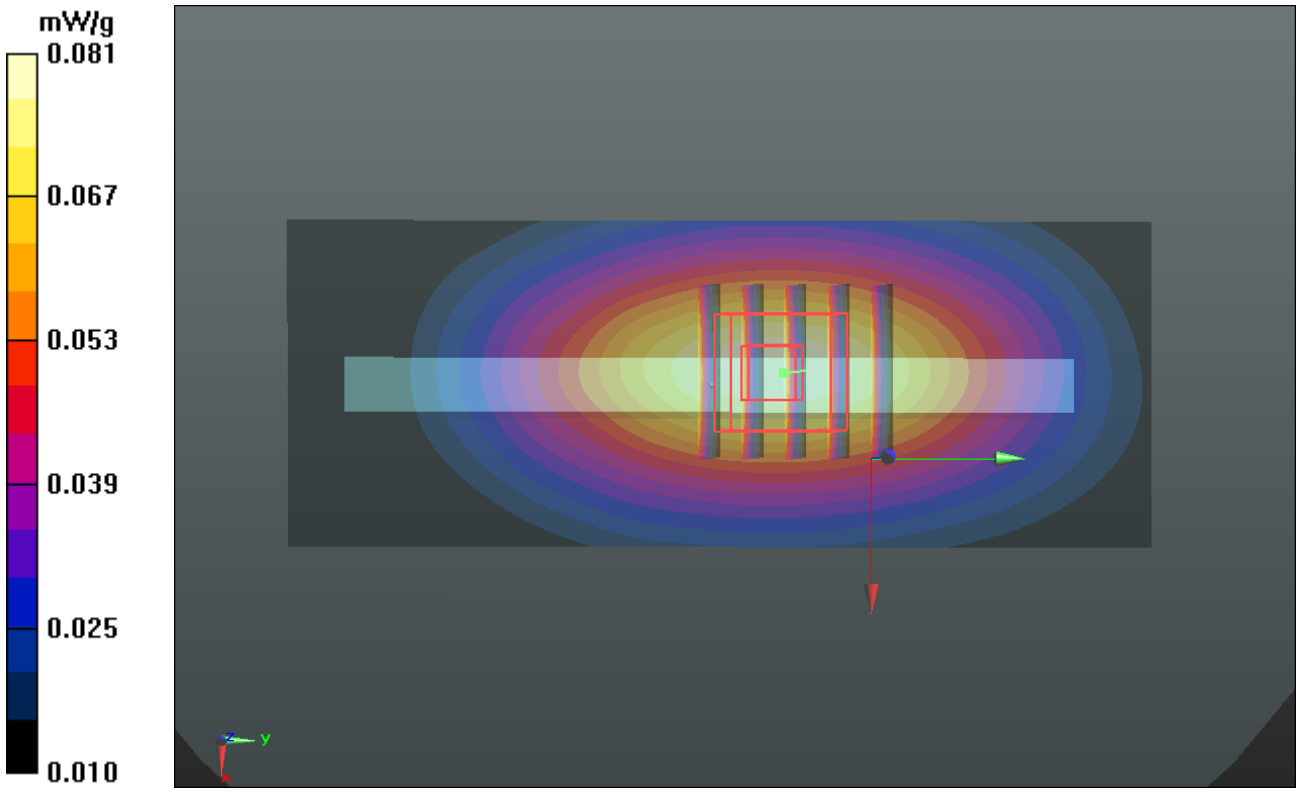
DUT: 120626C35

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: B750_0710 Medium parameters used: f = 710 MHz; σ = 0.933 mho/m; ε_r = 55.579; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23790/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.0815 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.781 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.093 mW/g
SAR(1 g) = 0.068 mW/g; SAR(10 g) = 0.048 mW/g
Maximum value of SAR (measured) = 0.0814 mW/g



P210 LTE 17_QPSK_10M_Right Side_1cm_Ch23790_1RB_Offset 0

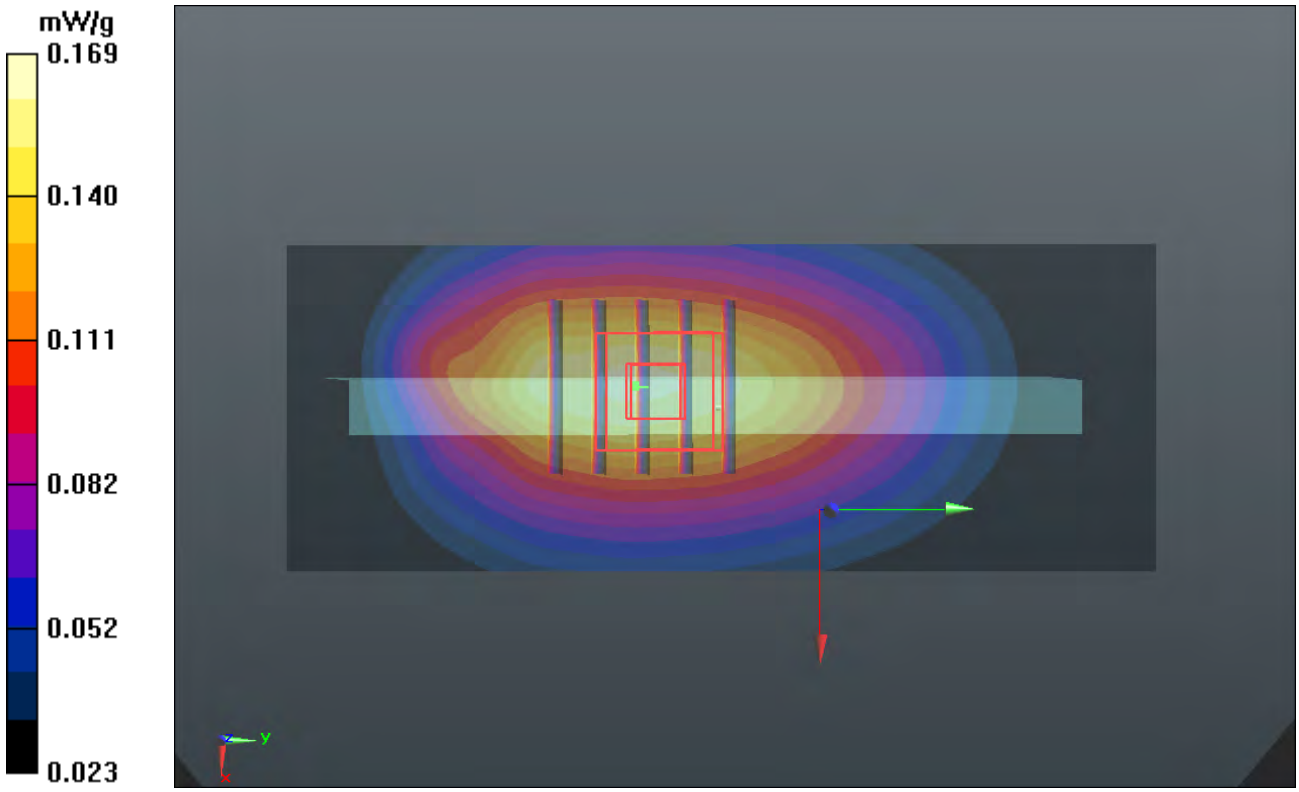
DUT: 120626C35

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: B750_0710 Medium parameters used: f = 710 MHz; σ = 0.933 mho/m; ε_r = 55.579; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23790/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.163 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.291 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.193 mW/g
SAR(1 g) = 0.141 mW/g; SAR(10 g) = 0.101 mW/g
Maximum value of SAR (measured) = 0.169 mW/g



P211 LTE 17_QPSK_10M_Top Side_1cm_Ch23790_1RB_Offset 0

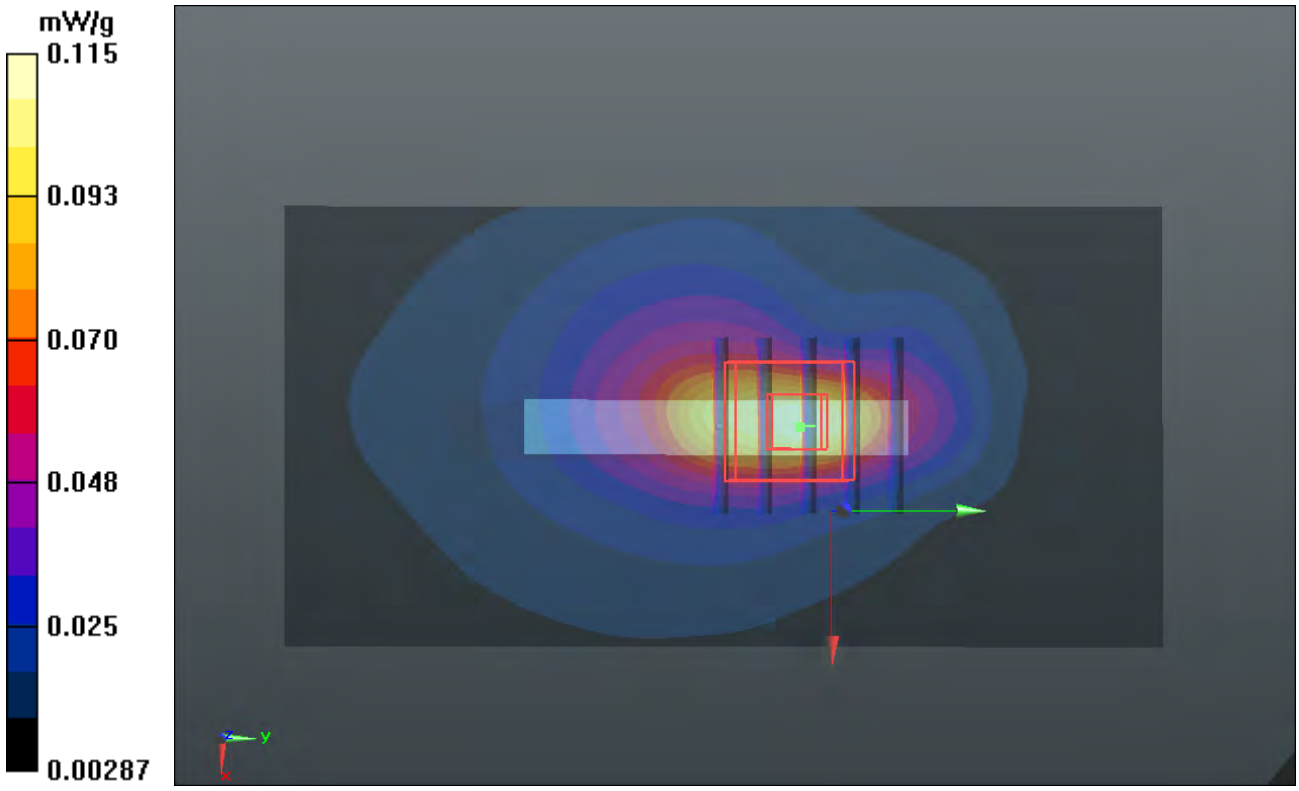
DUT: 120626C35

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: B750_0710 Medium parameters used: f = 710 MHz; σ = 0.933 mho/m; ε_r = 55.579; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23790/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.115 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.497 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.157 mW/g
SAR(1 g) = 0.082 mW/g; SAR(10 g) = 0.045 mW/g
Maximum value of SAR (measured) = 0.117 mW/g



P323 LTE 17_QPSK_10M_Front Face_1cm_Ch23790_1RB_Offset 49

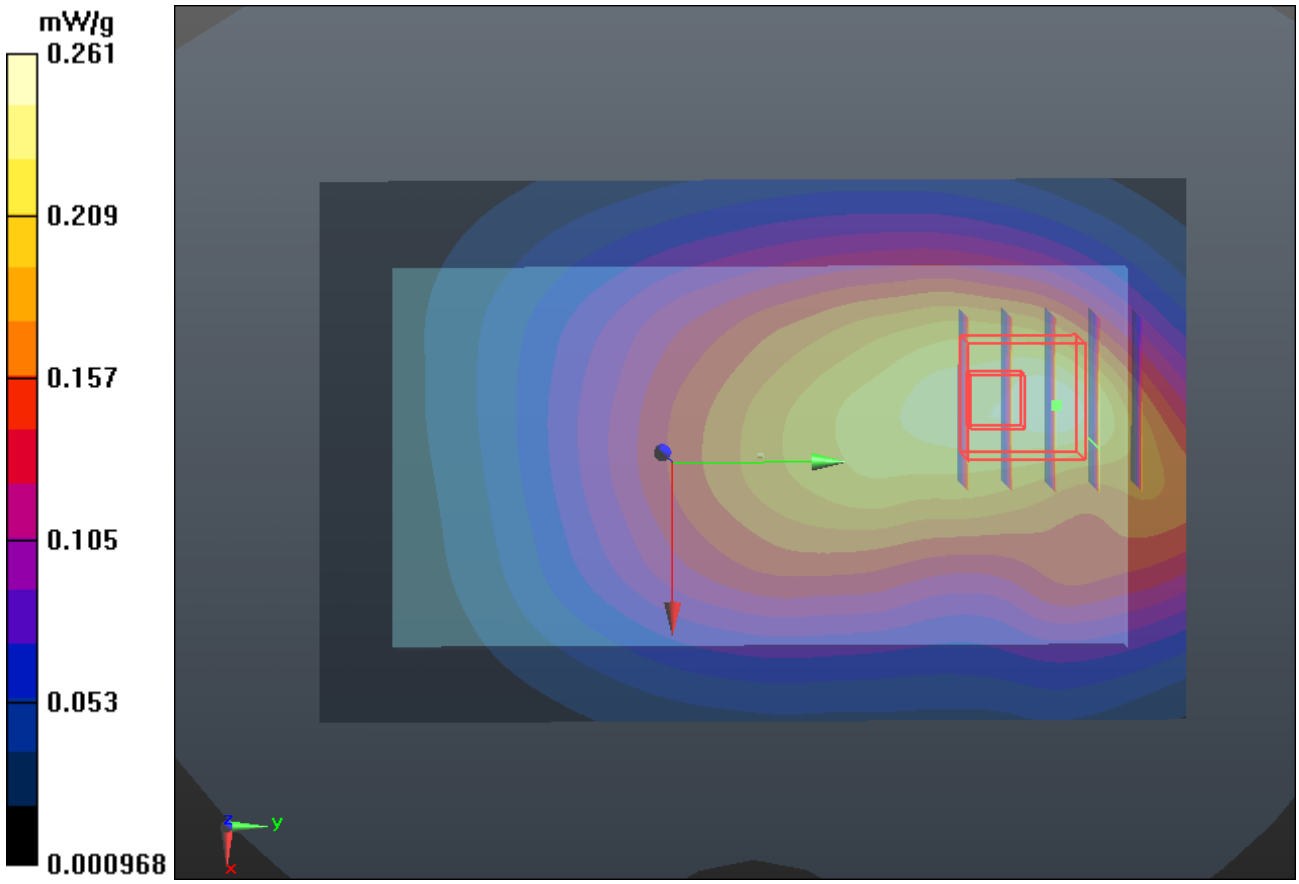
DUT: 120626C35

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: B750_0710 Medium parameters used: f = 710 MHz; σ = 0.933 mho/m; ε_r = 55.579; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.261 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.118 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.306 mW/g
SAR(1 g) = 0.203 mW/g; SAR(10 g) = 0.143 mW/g
Maximum value of SAR (measured) = 0.249 mW/g



P214 LTE 17_QPSK_10M_Rear Face _1cm_Ch23790_1RB_Offset 49

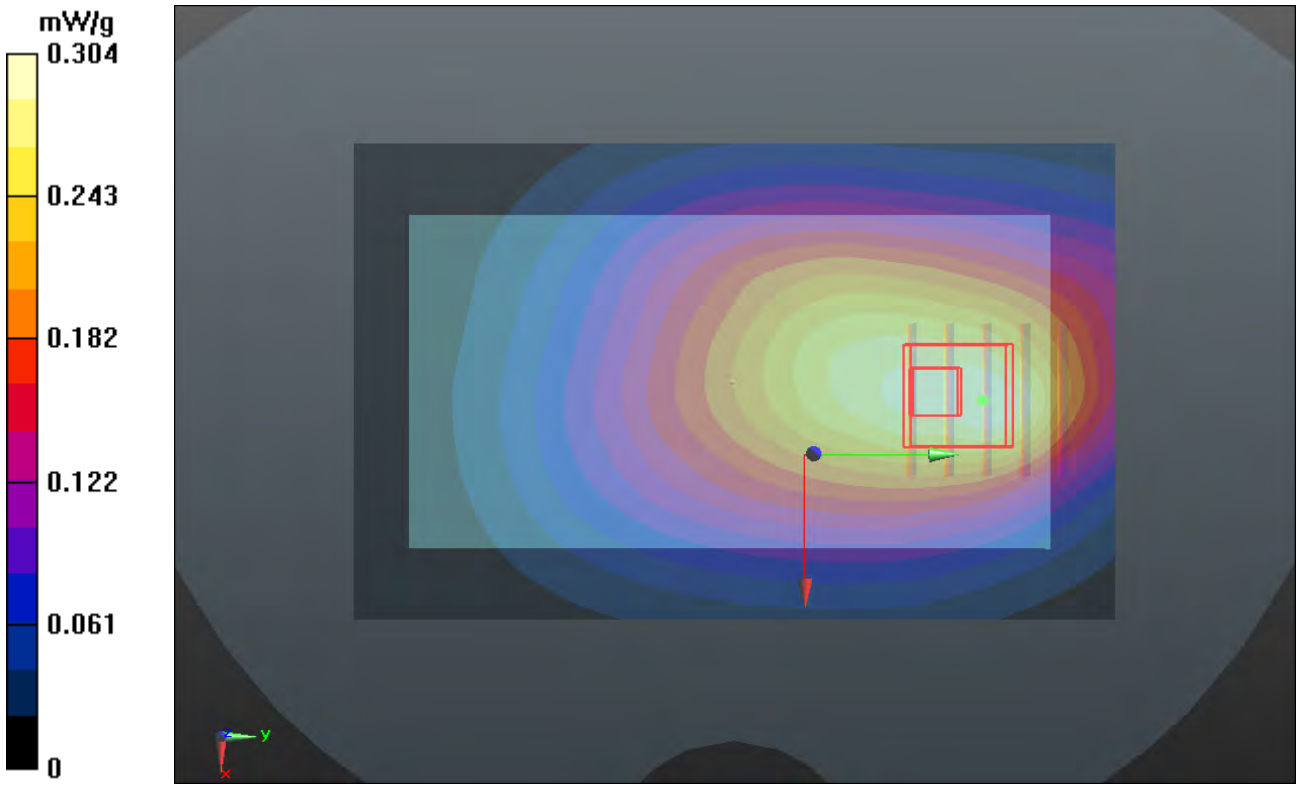
DUT: 120626C35

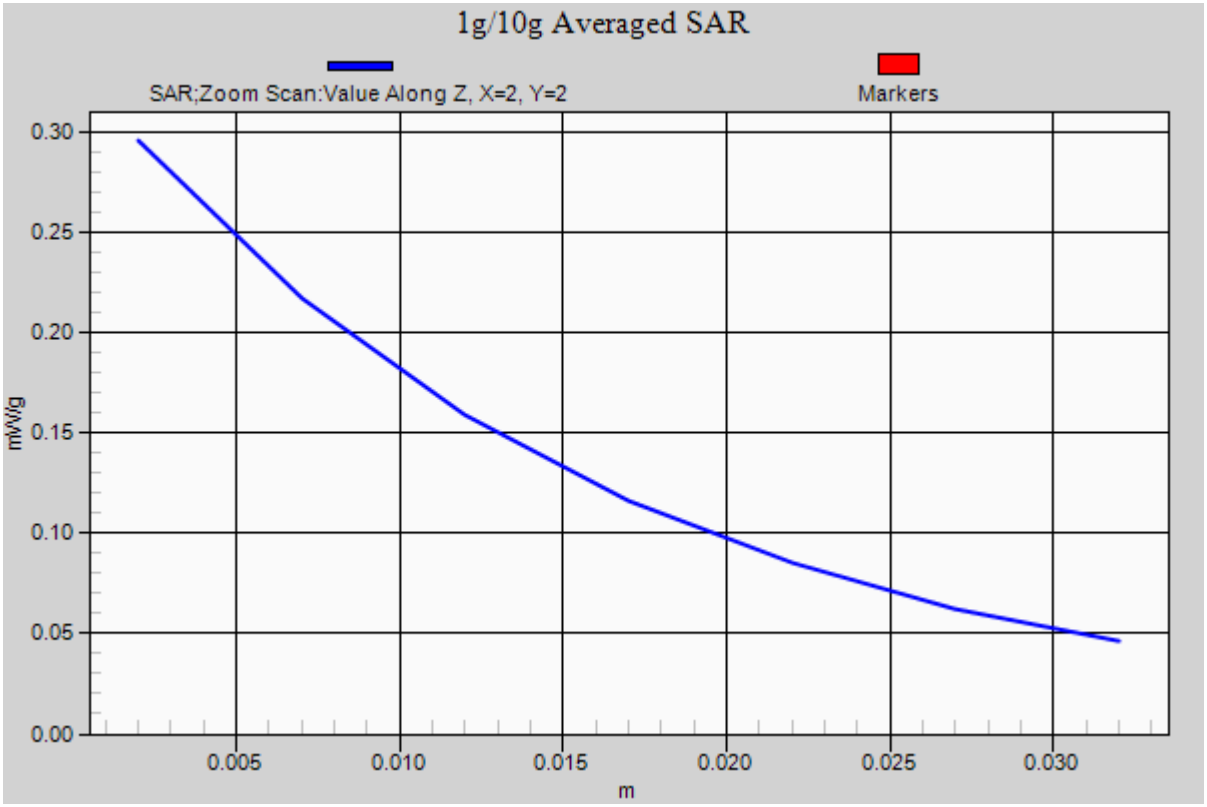
Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: B750_0710 Medium parameters used: f = 710 MHz; σ = 0.933 mho/m; ε_r = 55.579; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.304 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.913 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.354 mW/g
SAR(1 g) = 0.249 mW/g; SAR(10 g) = 0.182 mW/g
Maximum value of SAR (measured) = 0.295 mW/g




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=2
Markers
0.30
0.25
0.20
0.15
0.10
0.05
0.00
mW/g
0.005
0.010
0.015
0.020
0.025
0.030
m

P215 LTE 17_QPSK_10M_Left Side_1cm_Ch23790_1RB_Offset 49

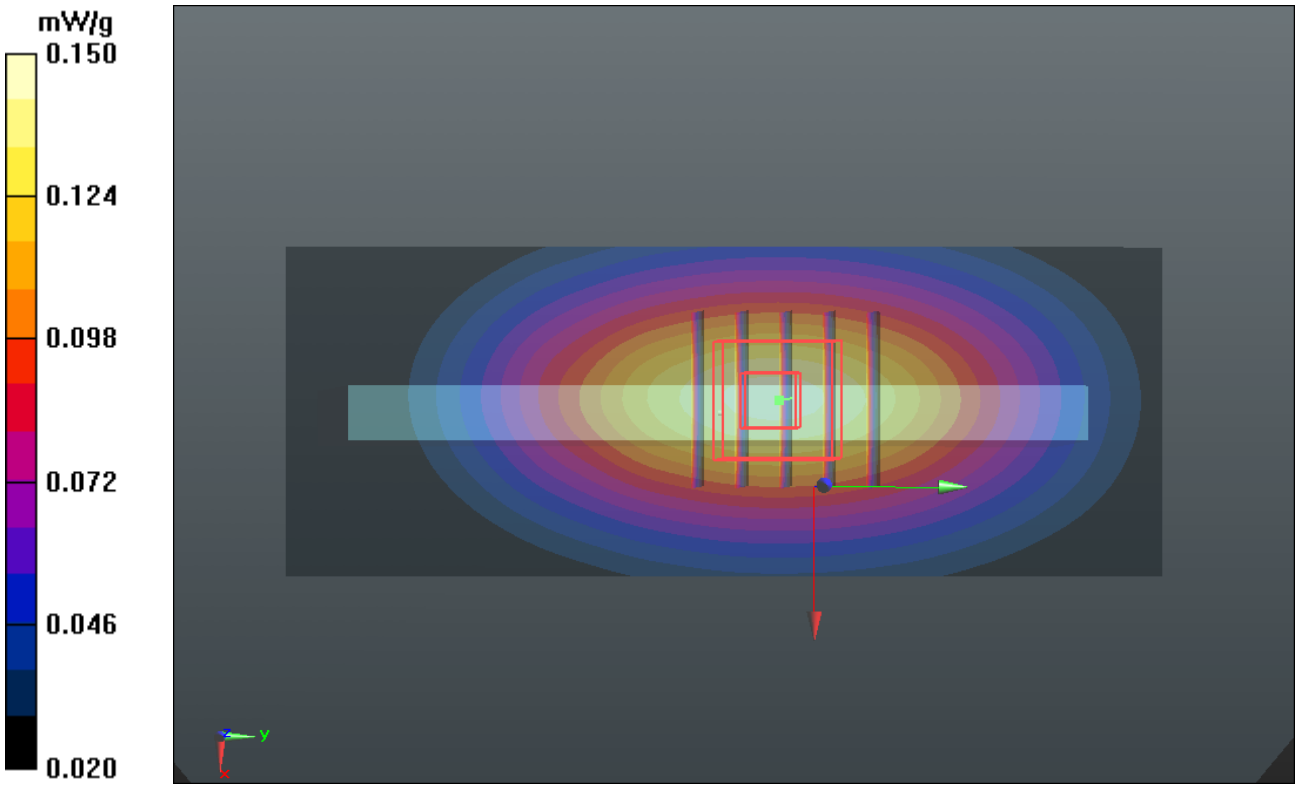
DUT: 120626C35

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: B750_0710 Medium parameters used: f = 710 MHz; σ = 0.933 mho/m; ε_r = 55.579; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23790/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.145 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.687 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.171 mW/g
SAR(1 g) = 0.124 mW/g; SAR(10 g) = 0.088 mW/g
Maximum value of SAR (measured) = 0.150 mW/g



P216 LTE 17_QPSK_10M_Right Side_1cm_Ch23790_1RB_Offset 49

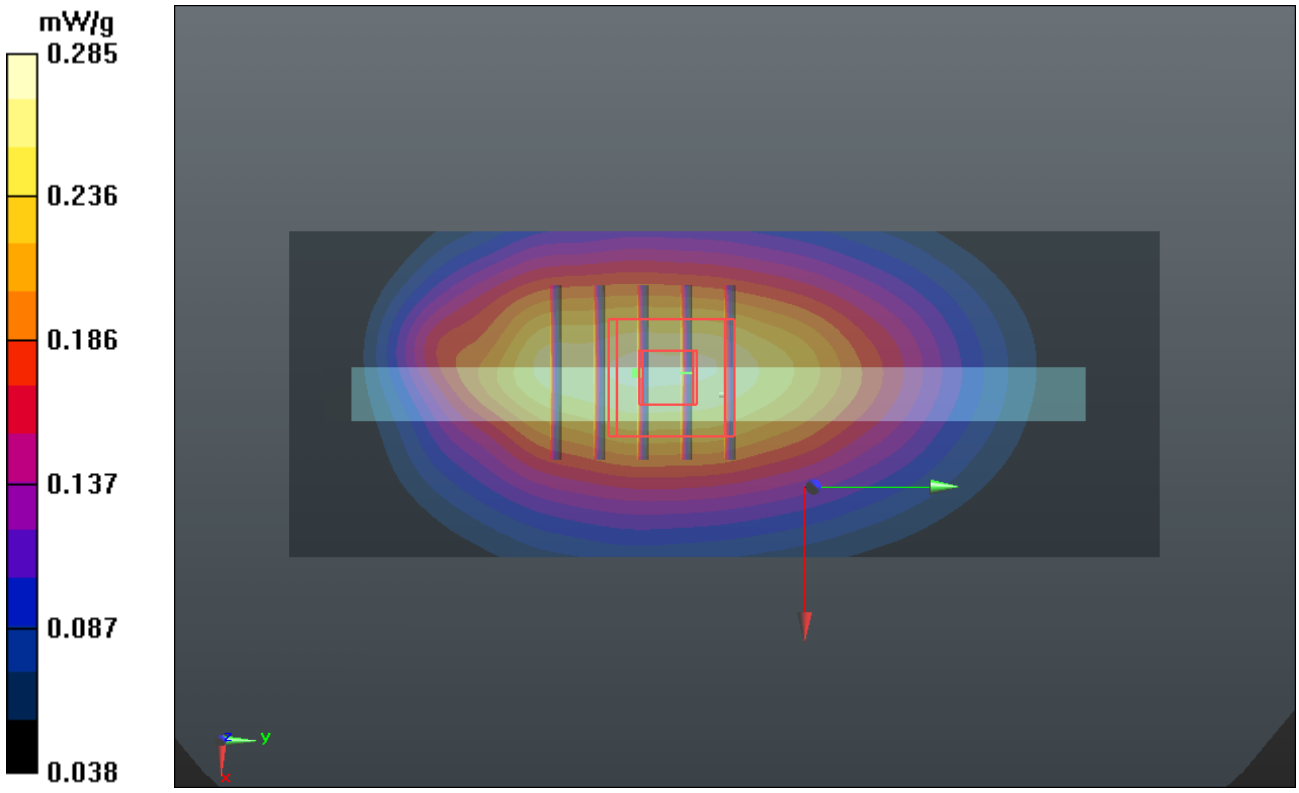
DUT: 120626C35

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: B750_0710 Medium parameters used: f = 710 MHz; σ = 0.933 mho/m; ε_r = 55.579; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23790/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.273 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.424 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.324 mW/g
SAR(1 g) = 0.238 mW/g; SAR(10 g) = 0.171 mW/g
Maximum value of SAR (measured) = 0.285 mW/g



P217 LTE 17_QPSK_10M_Top Side_1cm_Ch23790_1RB_Offset 49

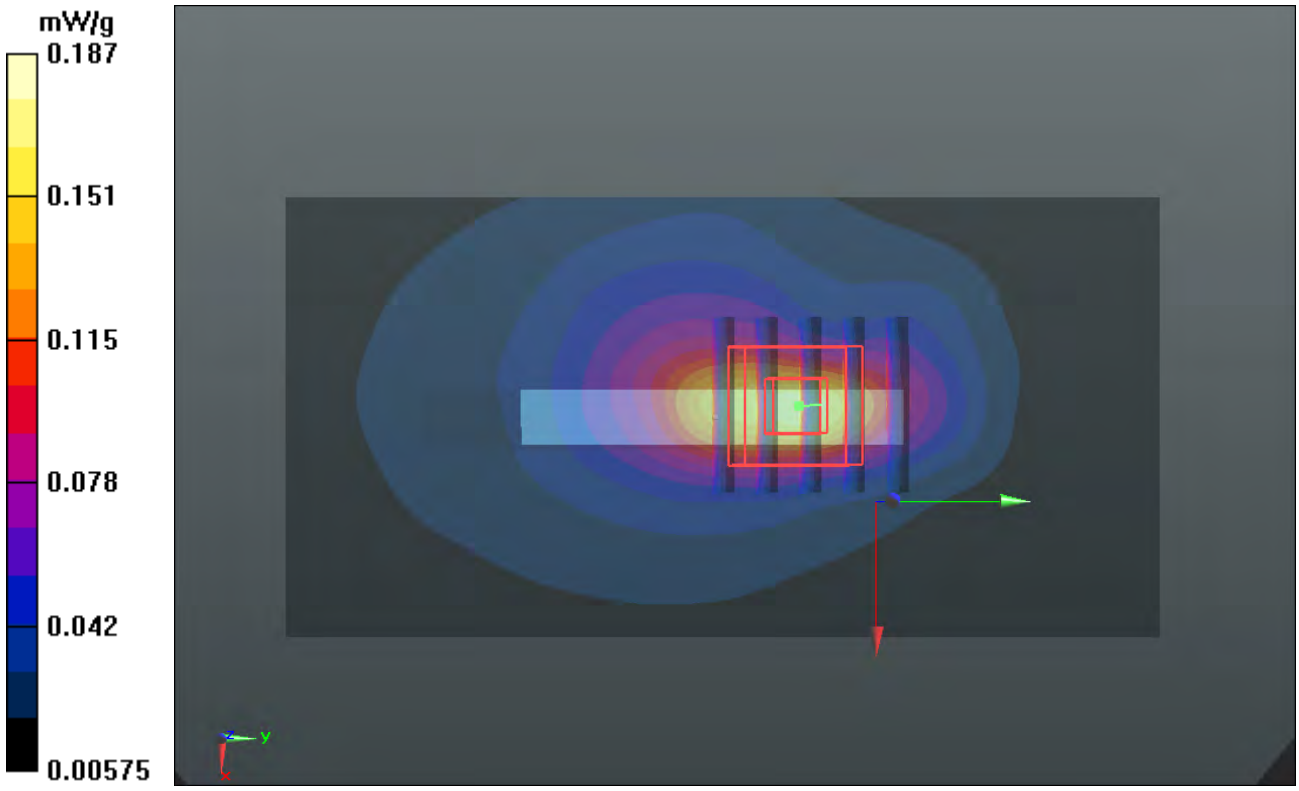
DUT: 120626C35

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: B750_0710 Medium parameters used: f = 710 MHz; σ = 0.933 mho/m; ε_r = 55.579; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23790/Area Scan (41x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.176 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.917 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.245 mW/g
SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.069 mW/g
Maximum value of SAR (measured) = 0.187 mW/g



P891 LTE 17_16QAM_10M_Front Face_1cm_Ch23790_1RB_offset 49

DUT: 120626C35

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: B750_1024 Medium parameters used: f = 710 MHz; σ = 0.94 mho/m; ε_r = 56.287; ρ = 1000 kg/m^3
Ambient Temperature：21.3 ℃; Liquid Temperature：20.8 ℃

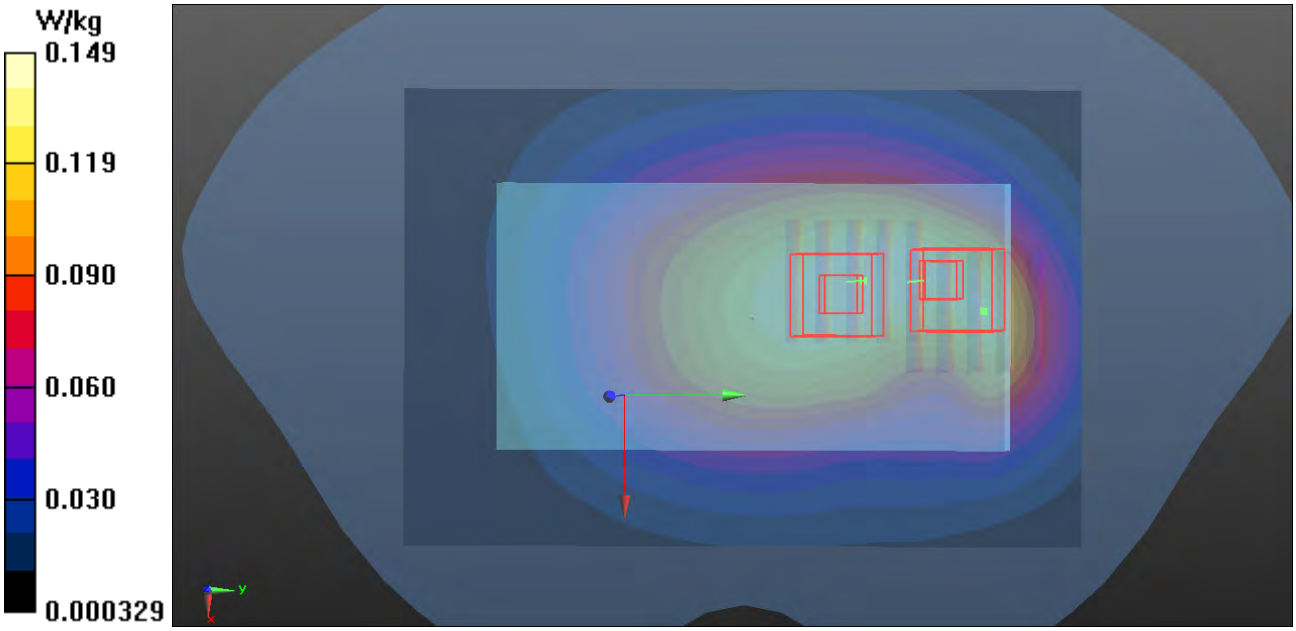
DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch23790/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.149 W/kg

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.759 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.165 mW/g
SAR(1 g) = 0.129 mW/g; SAR(10 g) = 0.100 mW/g

Maximum value of SAR (measured) = 0.147 W/kg

Ch23790/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.759 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.163 mW/g
SAR(1 g) = 0.116 mW/g; SAR(10 g) = 0.078 mW/g
Maximum value of SAR (measured) = 0.143 W/kg



P219 LTE 17_16QAM_10M_Rear Face _1cm_Ch23790_25RB_Offset 12

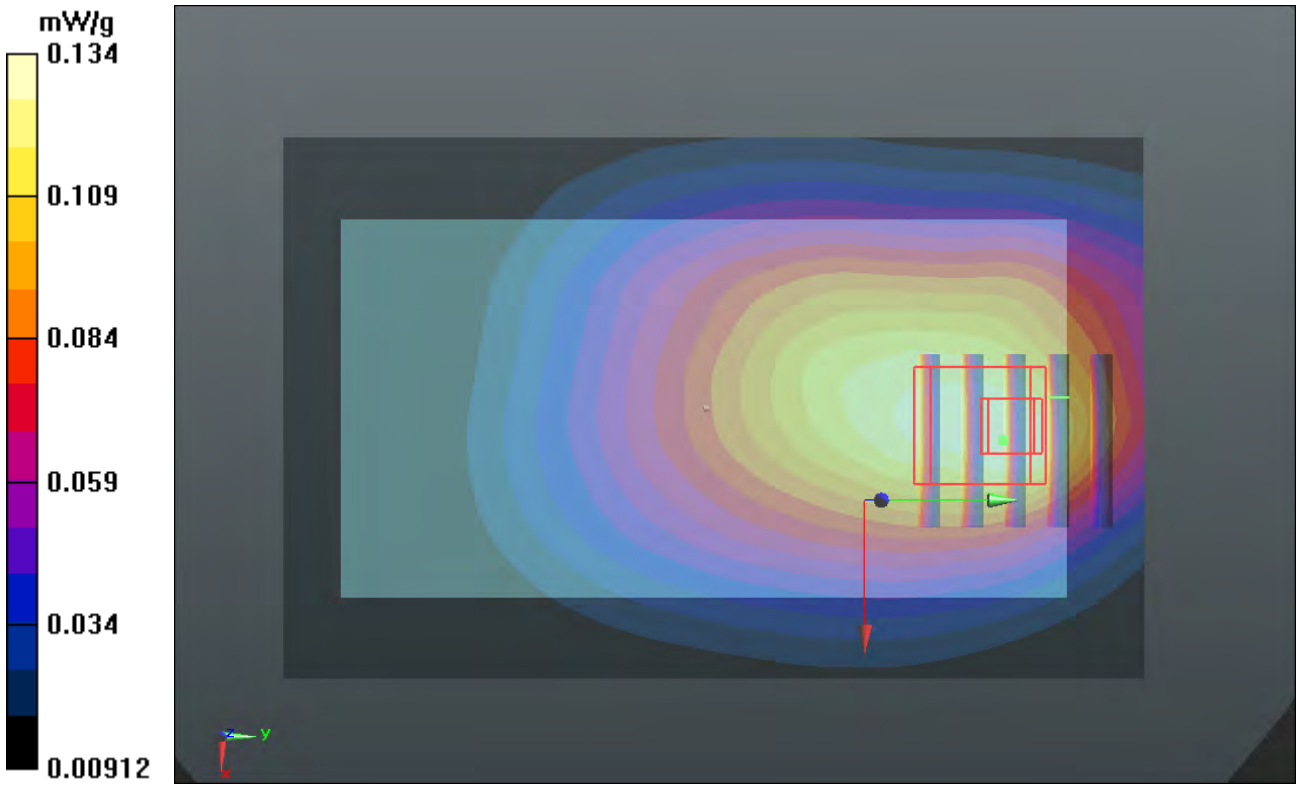
DUT: 120626C35

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: B750_0710 Medium parameters used: f = 710 MHz; σ = 0.933 mho/m; ε_r = 55.579; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.138 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.600 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.167 mW/g
SAR(1 g) = 0.112 mW/g; SAR(10 g) = 0.081 mW/g
Maximum value of SAR (measured) = 0.134 mW/g



P220 LTE 17_16QAM_10M_Rear Face _1cm_Ch23790_RB_Offset

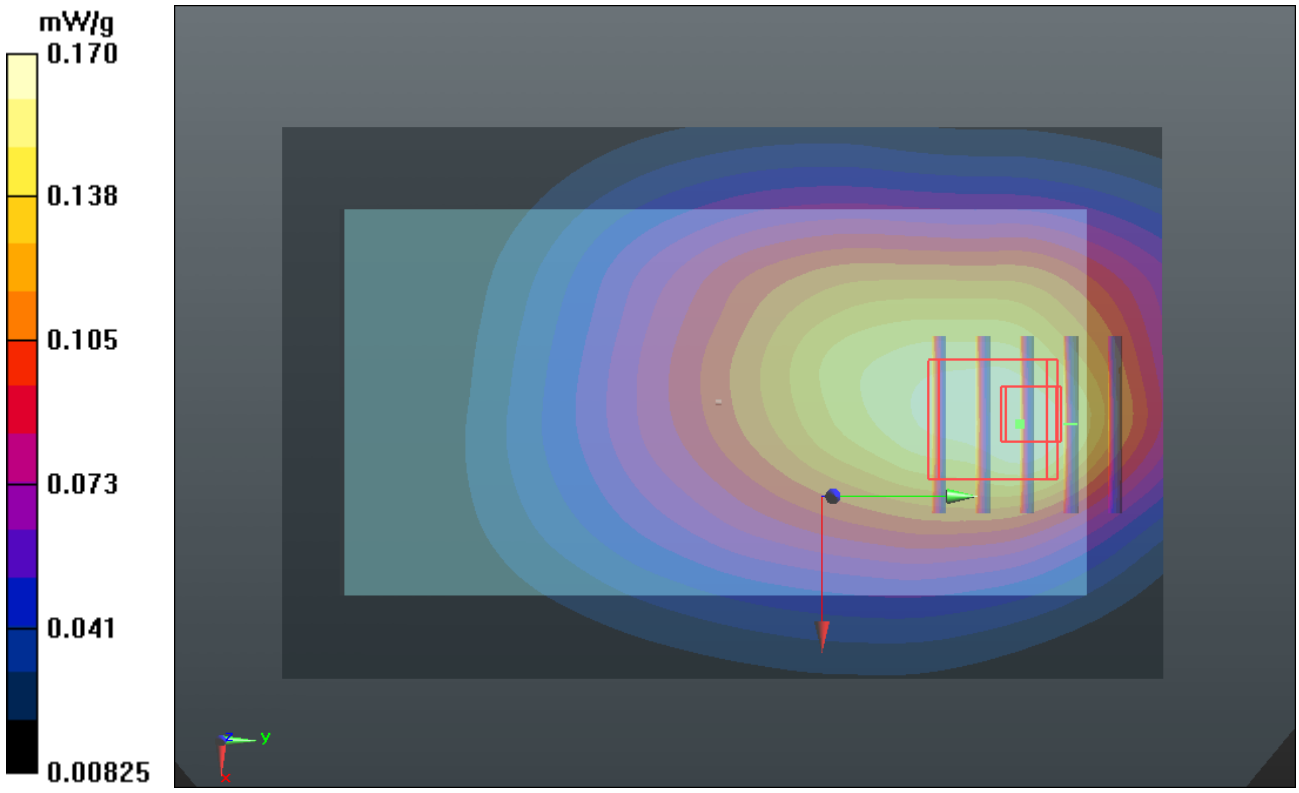
DUT: 120626C35

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: B750_0710 Medium parameters used: f = 710 MHz; σ = 0.933 mho/m; ε_r = 55.579; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.176 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.584 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.209 mW/g
SAR(1 g) = 0.139 mW/g; SAR(10 g) = 0.101 mW/g
Maximum value of SAR (measured) = 0.170 mW/g



P221 LTE 17_16QAM_10M_Rear Face _1cm_Ch23790_1RB_Offset 49

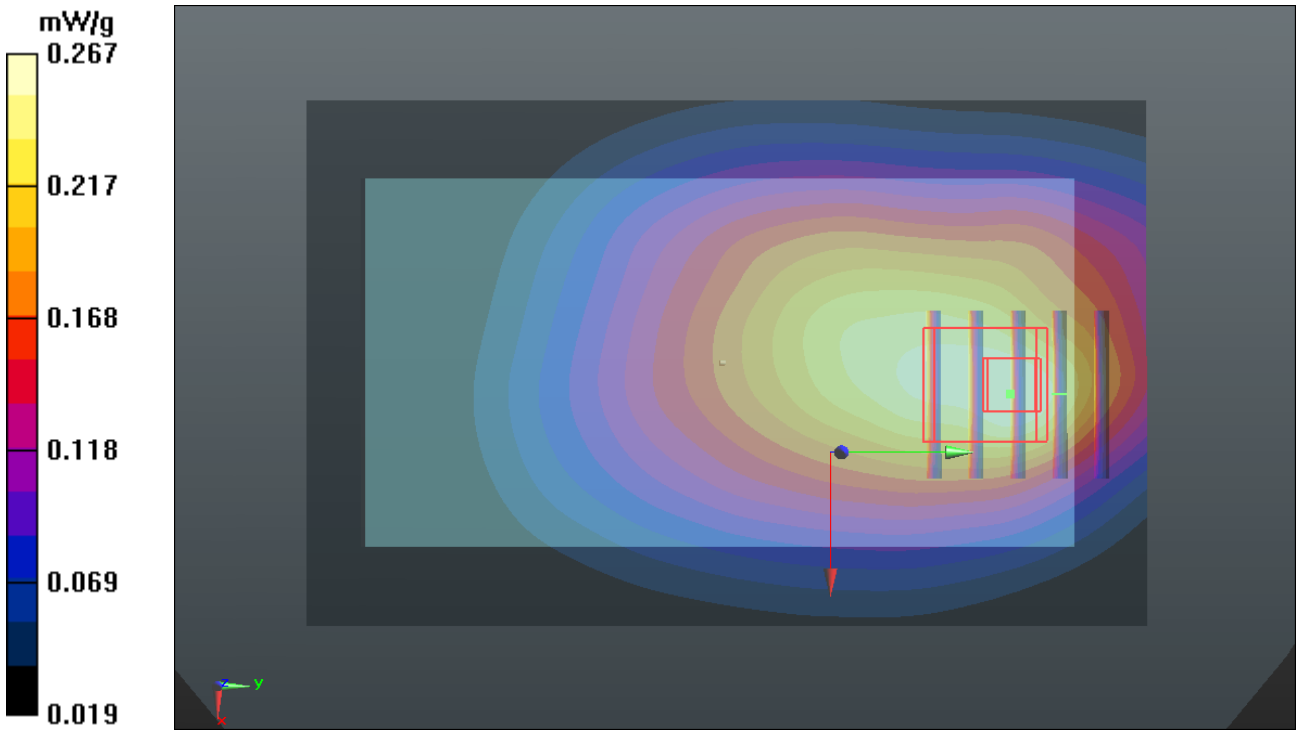
DUT: 120626C35

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: B750_0710 Medium parameters used: f = 710 MHz; σ = 0.933 mho/m; ε_r = 55.579; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.277 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.843 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.328 mW/g
SAR(1 g) = 0.222 mW/g; SAR(10 g) = 0.162 mW/g
Maximum value of SAR (measured) = 0.267 mW/g



P894 LTE 17_16QAM_10M_Left Side_1cm_Ch23790_1RB_offset 49

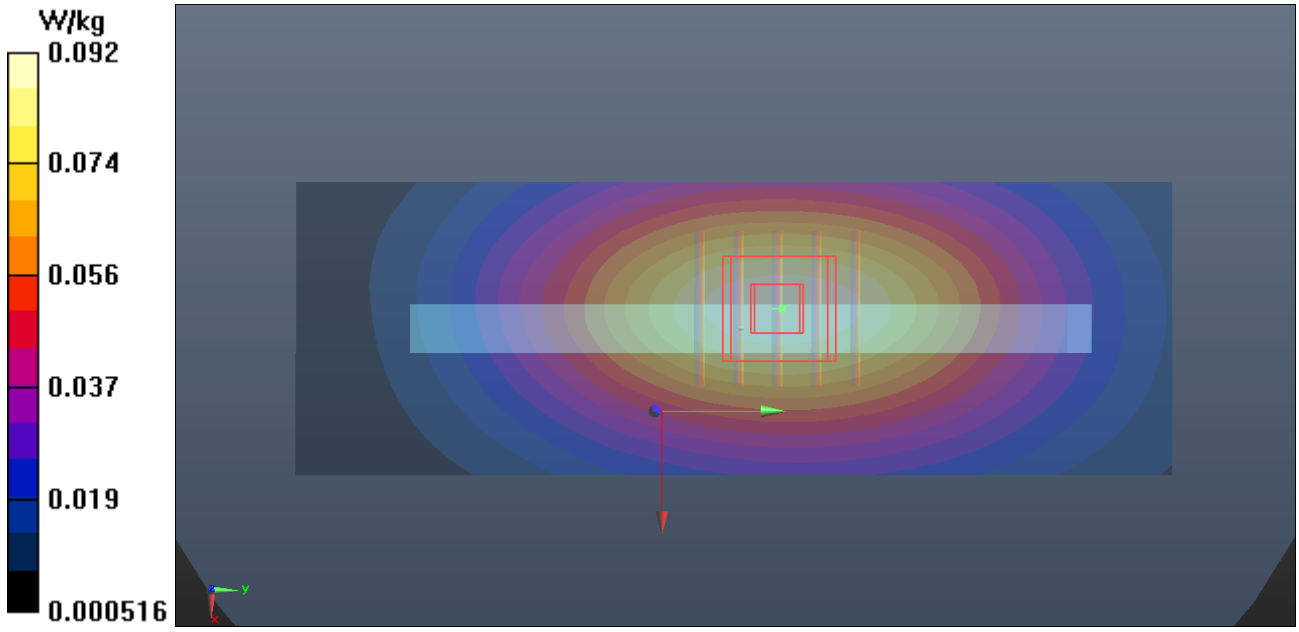
DUT: 120626C35

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: B750_1024 Medium parameters used: f = 710 MHz; σ = 0.94 mho/m; ε_r = 56.287; ρ = 1000 kg/m^3
Ambient Temperature：21.3 ℃; Liquid Temperature：20.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch23790/Area Scan (31x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.0923 W/kg

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.948 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.105 mW/g
SAR(1 g) = 0.078 mW/g; SAR(10 g) = 0.057 mW/g
Maximum value of SAR (measured) = 0.0929 W/kg



P897 LTE 17_16QAM_10M_Right Side_1cm_Ch23790_1RB_offset 49

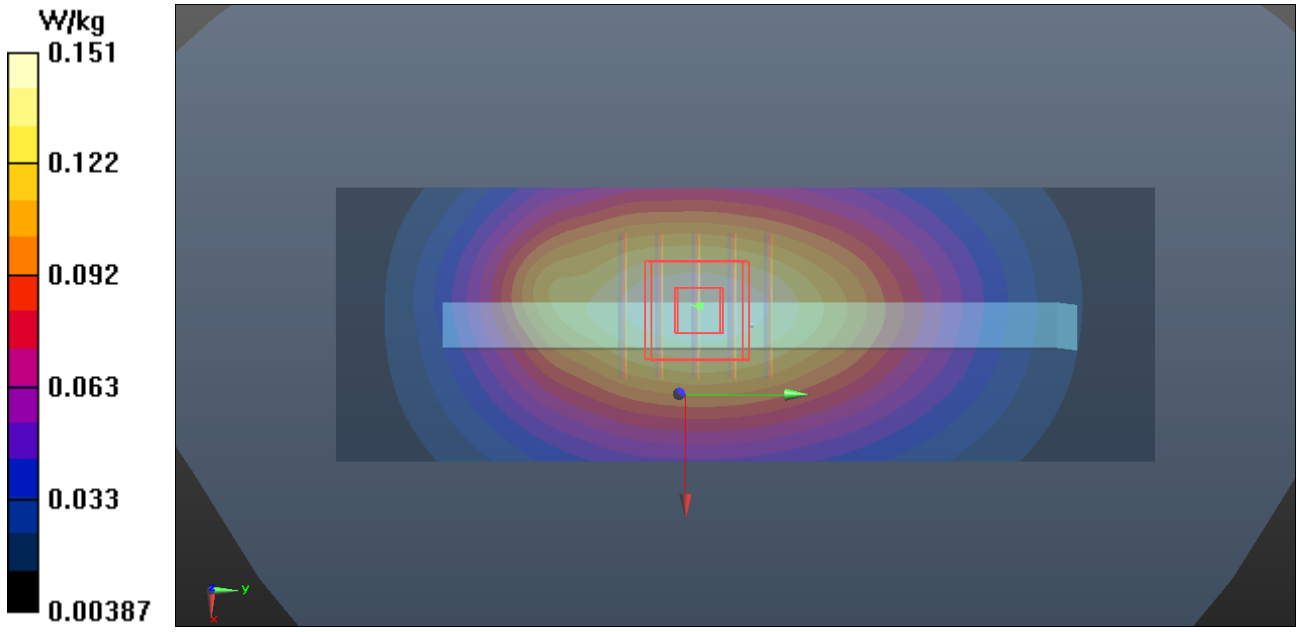
DUT: 120626C35

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: B750_1024 Medium parameters used: f = 710 MHz; σ = 0.94 mho/m; ε_r = 56.287; ρ = 1000 kg/m^3
Ambient Temperature：21.3 ℃; Liquid Temperature：20.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch23790/Area Scan (31x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.151 W/kg

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.811 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.174 mW/g
SAR(1 g) = 0.130 mW/g; SAR(10 g) = 0.095 mW/g
Maximum value of SAR (measured) = 0.154 W/kg



P900 LTE 17_16QAM_10M_Top Side_1cm_Ch23790_1RB_offset 49

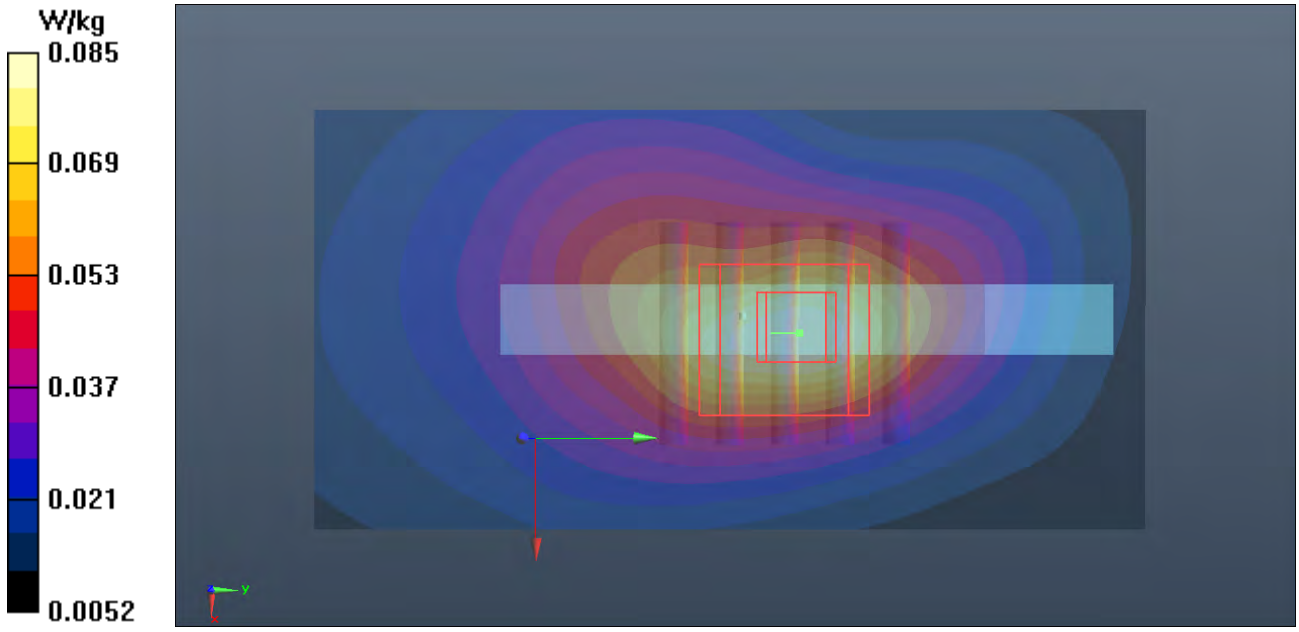
DUT: 120626C35

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: B750_1024 Medium parameters used: f = 710 MHz; σ = 0.94 mho/m; ε_r = 56.287; ρ = 1000 kg/m^3
Ambient Temperature：21.3 ℃; Liquid Temperature：20.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch23790/Area Scan (31x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.0850 W/kg

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.114 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.176 mW/g
SAR(1 g) = 0.074 mW/g; SAR(10 g) = 0.043 mW/g
Maximum value of SAR (measured) = 0.102 W/kg



P324 LTE 17_QPSK_10M_Front Face_1cm_Ch23790_25RB_Offset 12_Earphone

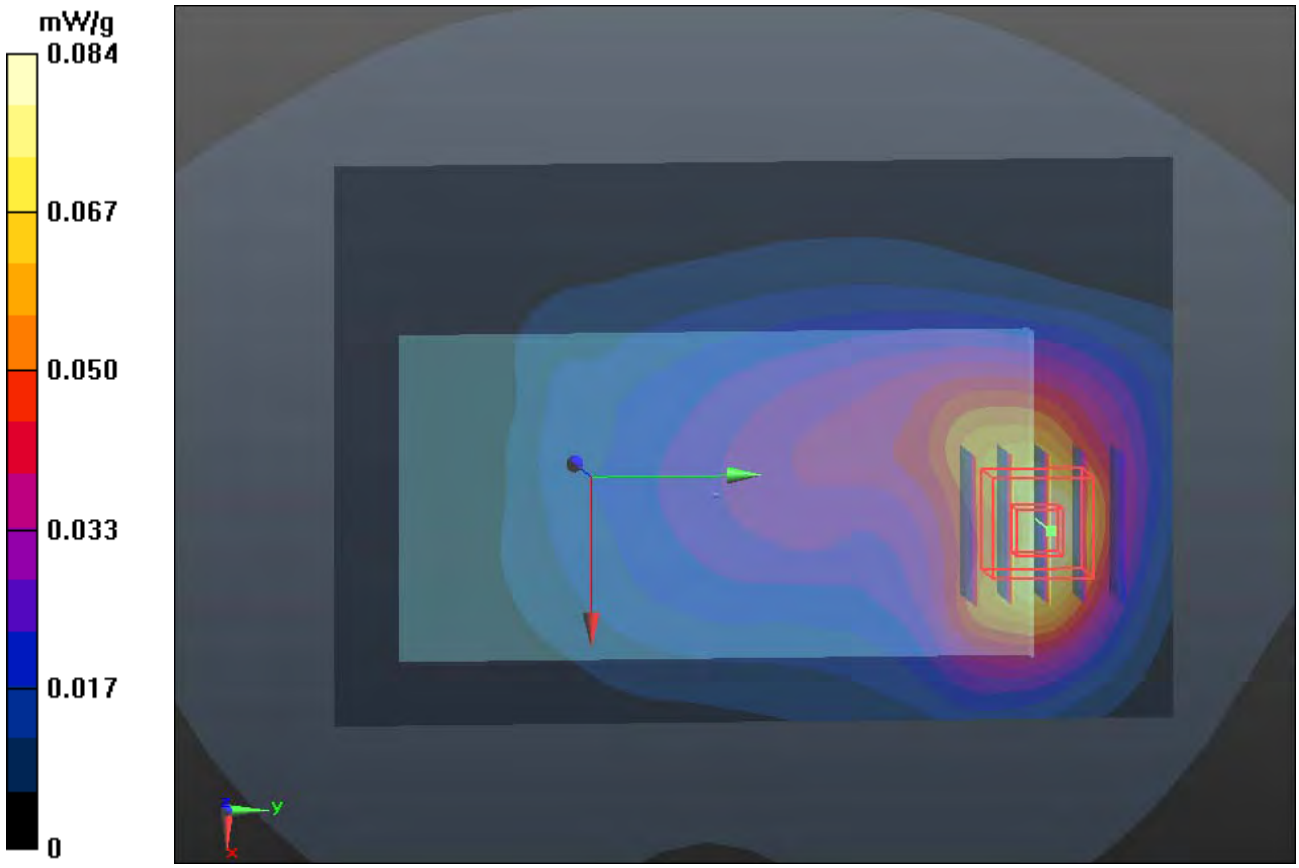
DUT: 120626C35

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: B750_0710 Medium parameters used: f = 710 MHz; σ = 0.933 mho/m; ε_r = 55.579; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23790/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.0836 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.403 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.134 mW/g
SAR(1 g) = 0.075 mW/g; SAR(10 g) = 0.043 mW/g
Maximum value of SAR (measured) = 0.100 mW/g



P223 LTE 17_QPSK_10M_Rear Face_1cm_Ch23790_25RB_Offset 12_Earphone

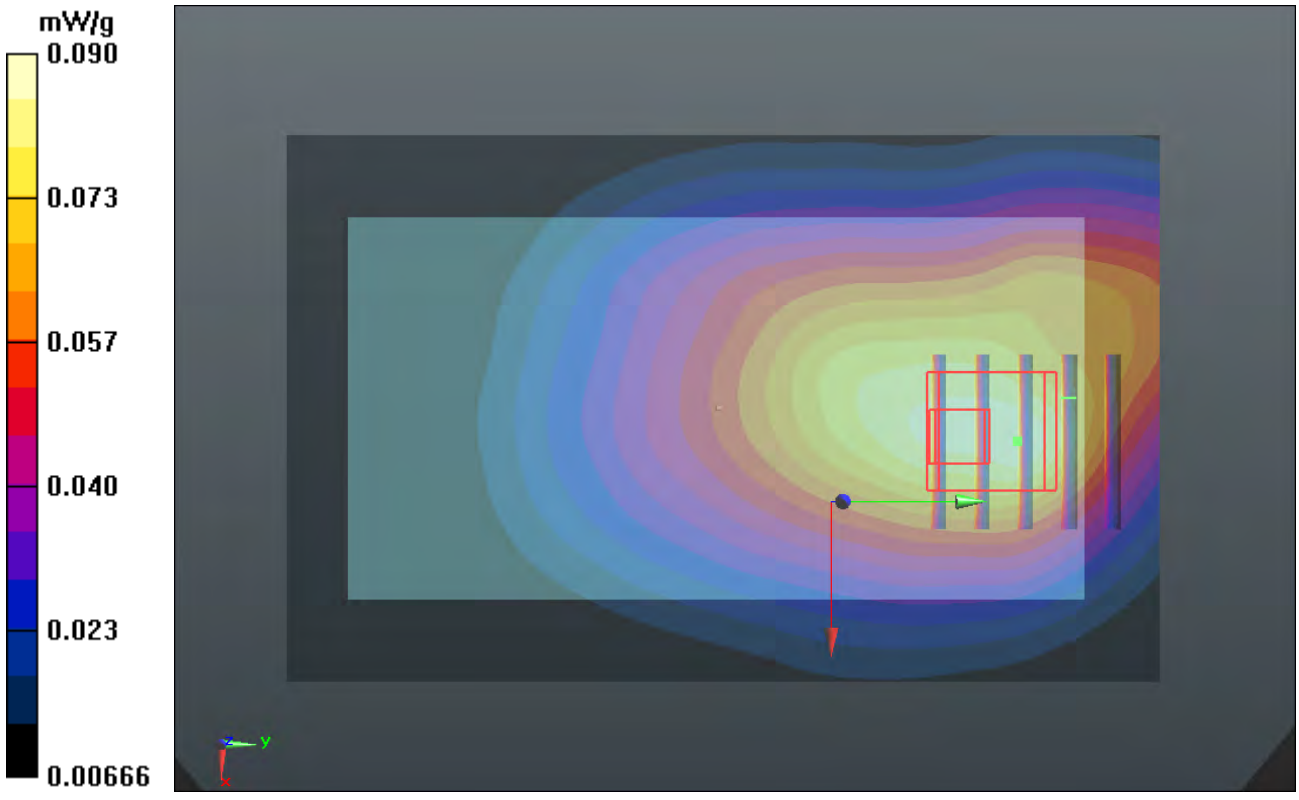
DUT: 120626C35

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: B750_0710 Medium parameters used: f = 710 MHz; σ = 0.933 mho/m; ε_r = 55.579; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.0892 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.685 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.113 mW/g
SAR(1 g) = 0.075 mW/g; SAR(10 g) = 0.054 mW/g
Maximum value of SAR (measured) = 0.0902 mW/g



P224 LTE 17_QPSK_10M_Front Face_1cm_Ch23790_1RB_Offset 0_Earphone

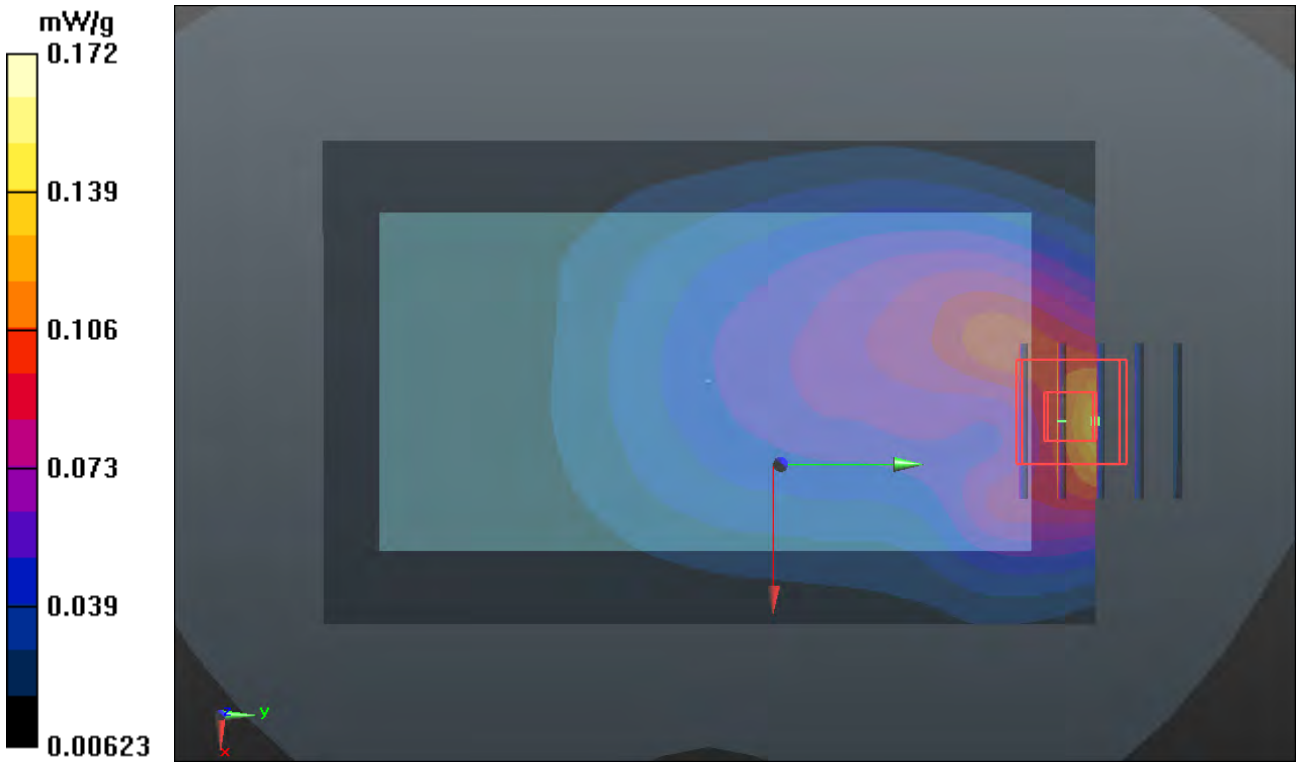
DUT: 120626C35

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: B750_0710 Medium parameters used: f = 710 MHz; σ = 0.933 mho/m; ε_r = 55.579; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

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 = 7.371 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.229 mW/g
SAR(1 g) = 0.124 mW/g; SAR(10 g) = 0.070 mW/g
Maximum value of SAR (measured) = 0.172 mW/g



P225 LTE 17_QPSK_10M_Rear Face_1cm_Ch23790_1RB_Offset 0_Earphone

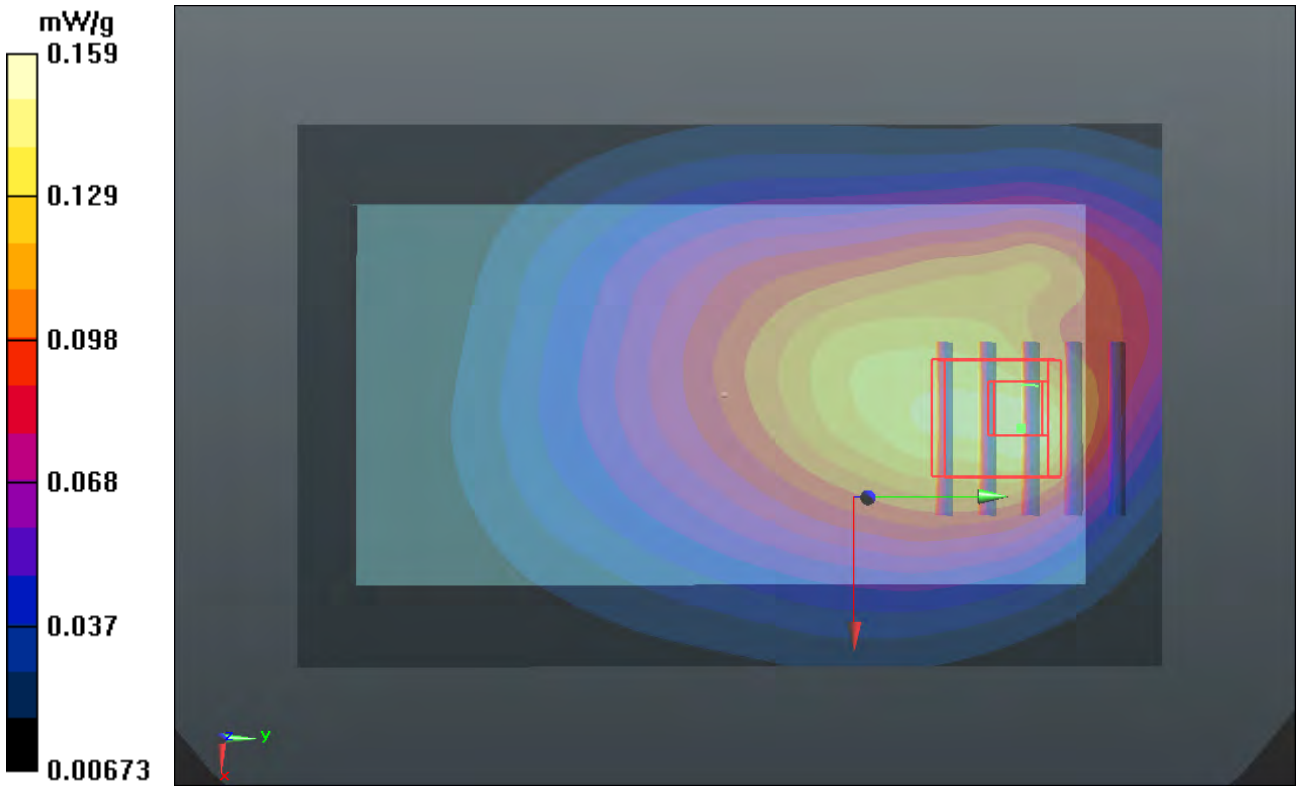
DUT: 120626C35

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: B750_0710 Medium parameters used: f = 710 MHz; σ = 0.933 mho/m; ε_r = 55.579; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.150 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.061 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.198 mW/g
SAR(1 g) = 0.123 mW/g; SAR(10 g) = 0.084 mW/g
Maximum value of SAR (measured) = 0.159 mW/g



P325 LTE 17_QPSK_10M_Front Face_1cm_Ch23790_1RB_Offset 49_Earphone

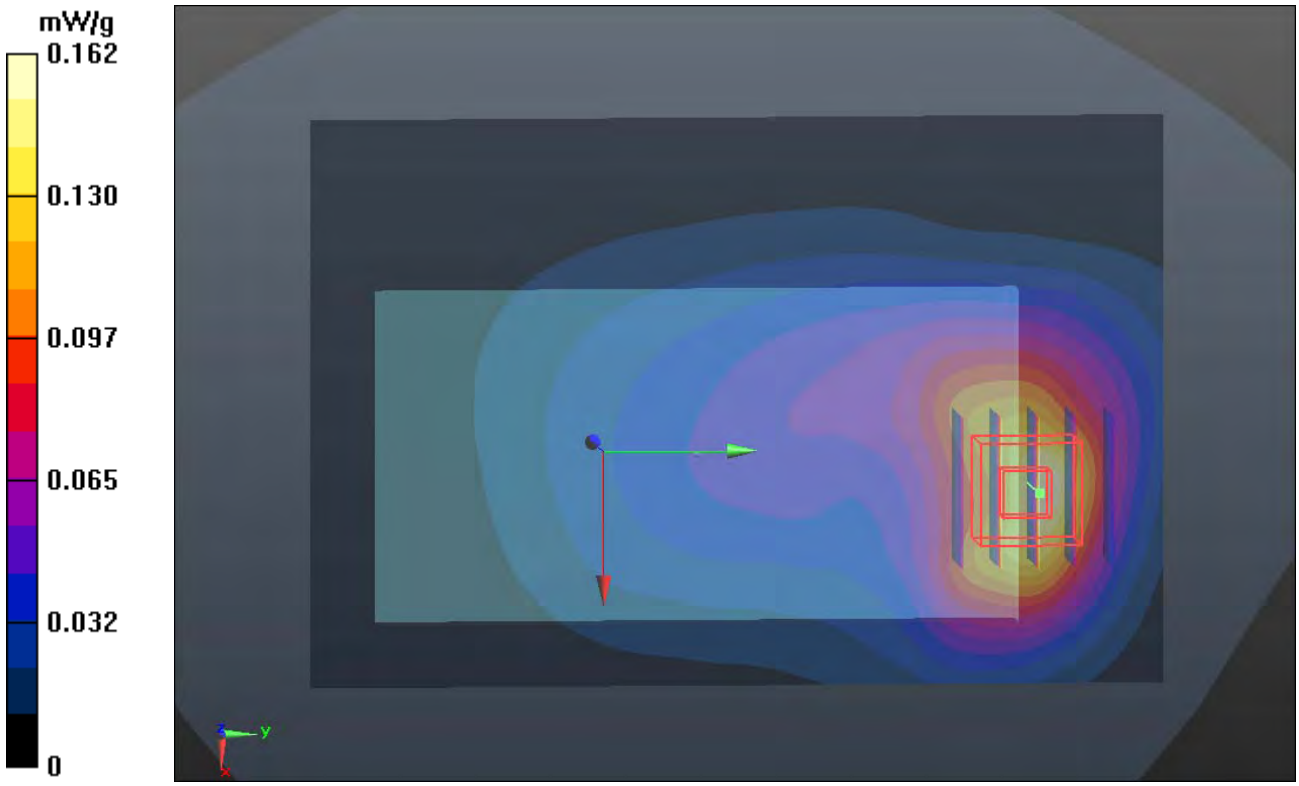
DUT: 120626C35

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: B750_0710 Medium parameters used: f = 710 MHz; σ = 0.933 mho/m; ε_r = 55.579; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23790/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.162 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.979 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.257 mW/g
SAR(1 g) = 0.146 mW/g; SAR(10 g) = 0.084 mW/g
Maximum value of SAR (measured) = 0.194 mW/g



P227 LTE 17_QPSK_10M_Rear Face_1cm_Ch23790_1RB_Offset 49_Earphone

DUT: 120626C35

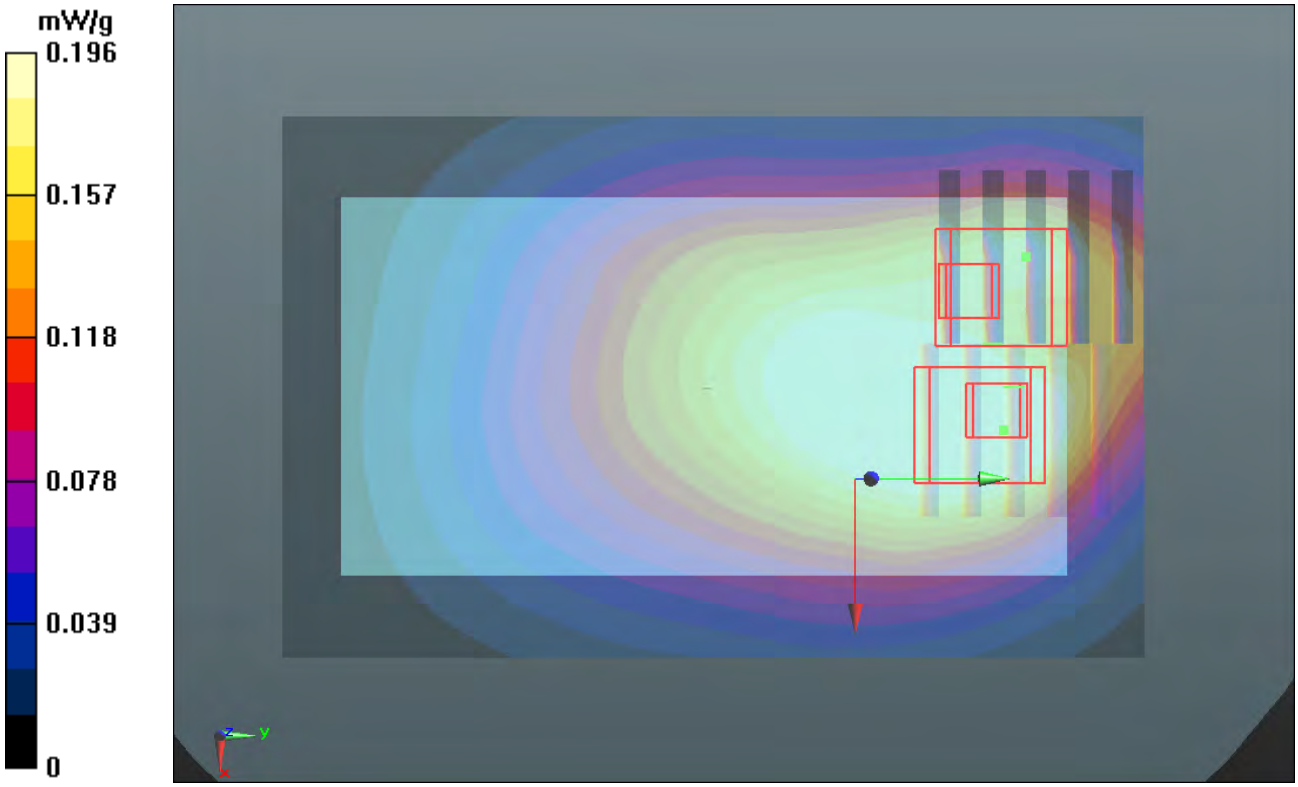
Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: B750_0710 Medium parameters used: f = 710 MHz; σ = 0.933 mho/m; ε_r = 55.579; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.244 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.235 V/m; Power Drift = -0.110 dB
Peak SAR (extrapolated) = 0.318 mW/g
SAR(1 g) = 0.198 mW/g; SAR(10 g) = 0.136 mW/g
Maximum value of SAR (measured) = 0.253 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.235 V/m; Power Drift = -0.110 dB
Peak SAR (extrapolated) = 0.304 mW/g
SAR(1 g) = 0.155 mW/g; SAR(10 g) = 0.085 mW/g
Maximum value of SAR (measured) = 0.196 mW/g



P228 LTE 17_16QAM_10M_Front Face_1cm_Ch23790_25RB_Offset 12_Earphone

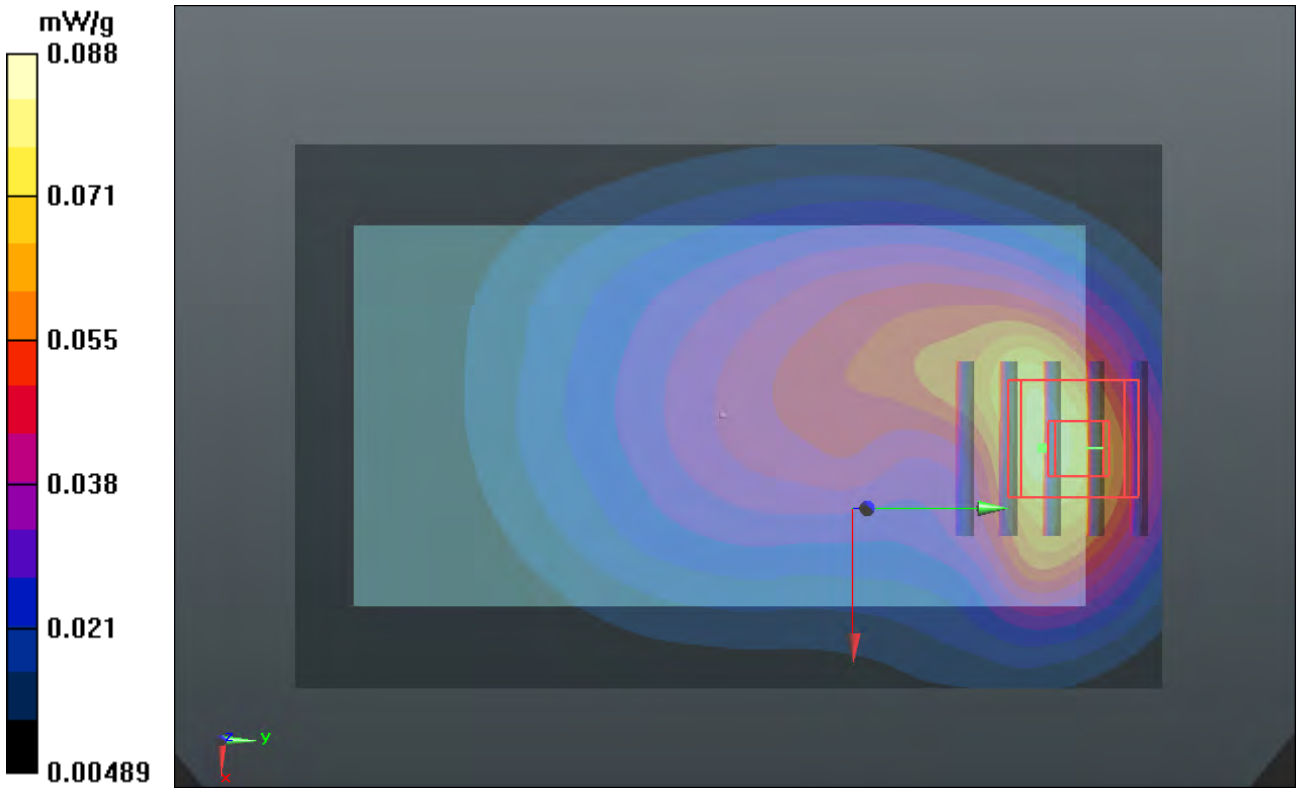
DUT: 120626C35

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: B750_0710 Medium parameters used: f = 710 MHz; σ = 0.933 mho/m; ε_r = 55.579; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.0814 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.531 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.113 mW/g
SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.038 mW/g
Maximum value of SAR (measured) = 0.0877 mW/g



P229 LTE 17_16QAM_10M_Front Face_1cm_Ch23790_1RB_Offset 0_Earphone

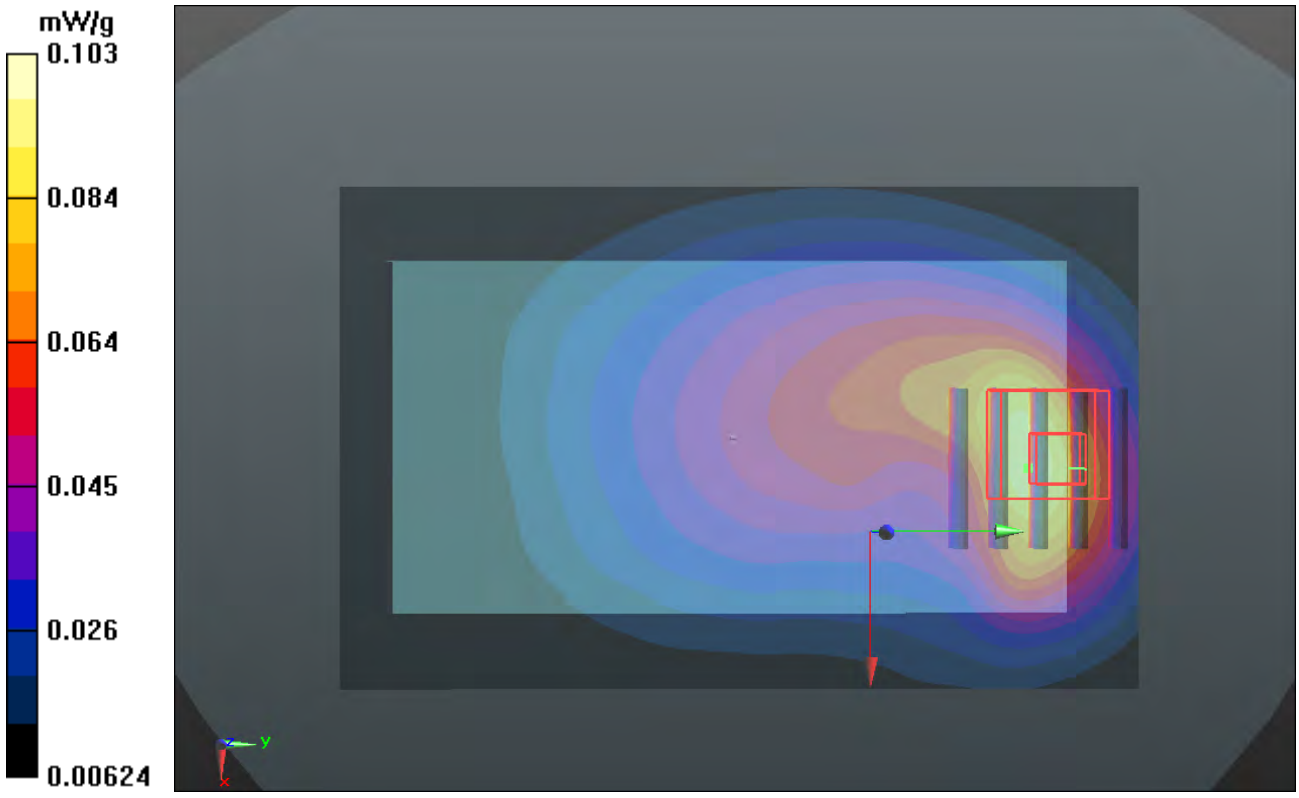
DUT: 120626C35

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: B750_0710 Medium parameters used: f = 710 MHz; σ = 0.933 mho/m; ε_r = 55.579; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.0956 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.241 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.134 mW/g
SAR(1 g) = 0.077 mW/g; SAR(10 g) = 0.046 mW/g
Maximum value of SAR (measured) = 0.103 mW/g



P230 LTE 17_16QAM_10M_Front Face_1cm_Ch23790_1RB_Offset 49_Earphone

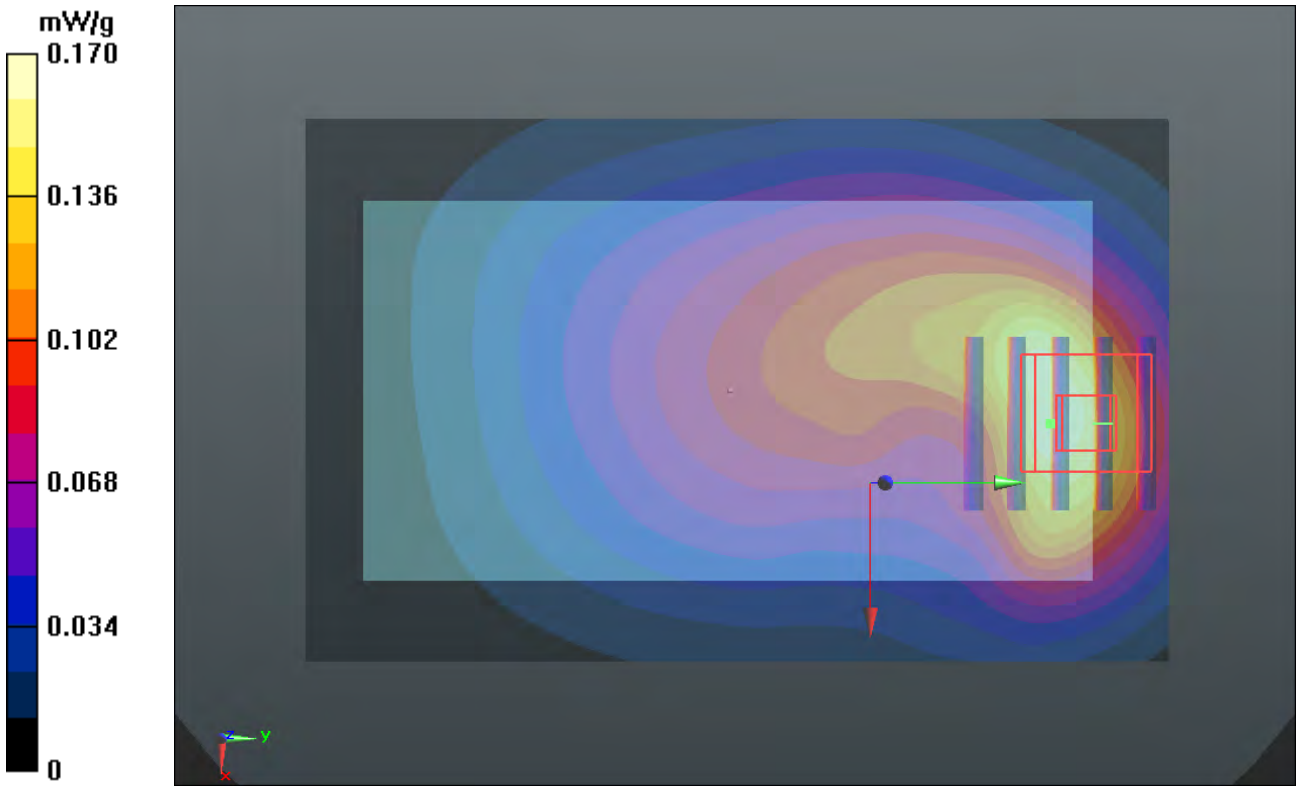
DUT: 120626C35

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: B750_0710 Medium parameters used: f = 710 MHz; σ = 0.933 mho/m; ε_r = 55.579; ρ = 1000 kg/m^3
Ambient Temperature：21.6 ℃; Liquid Temperature：20.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch23790/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.170 mW/g

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.678 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.242 mW/g
SAR(1 g) = 0.138 mW/g; SAR(10 g) = 0.082 mW/g
Maximum value of SAR (measured) = 0.189 mW/g



P852 LTE 17_16QAM_10M_Rear Face_1cm_Ch23790_1RB_offset 49_Earphone

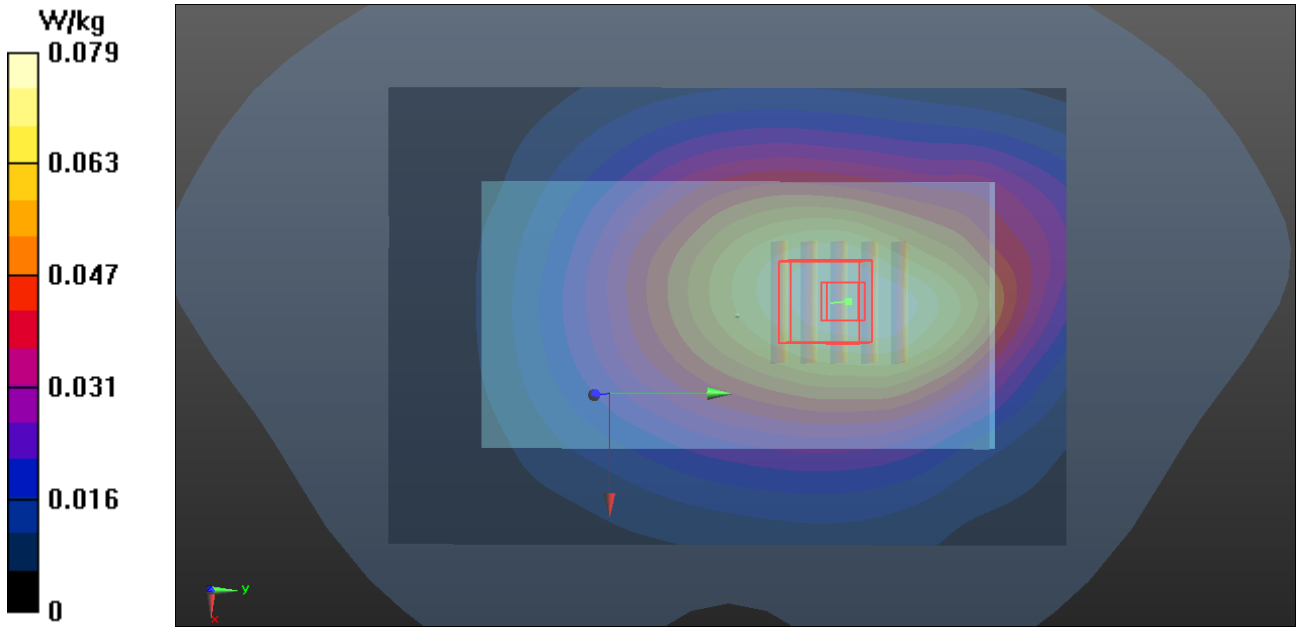
DUT: 120626C35

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: B750_1024 Medium parameters used: f = 710 MHz; σ = 0.94 mho/m; ε_r = 56.287; ρ = 1000 kg/m^3
Ambient Temperature：21.3 ℃; Liquid Temperature：20.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.61, 10.61, 10.61); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch23790/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.0787 W/kg

Ch23790/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.238 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.088 mW/g
SAR(1 g) = 0.068 mW/g; SAR(10 g) = 0.051 mW/g
Maximum value of SAR (measured) = 0.0788 W/kg



P231 LTE 5_QPSK_10M_Front Face_1cm_Ch20600_25RB_Offset 12

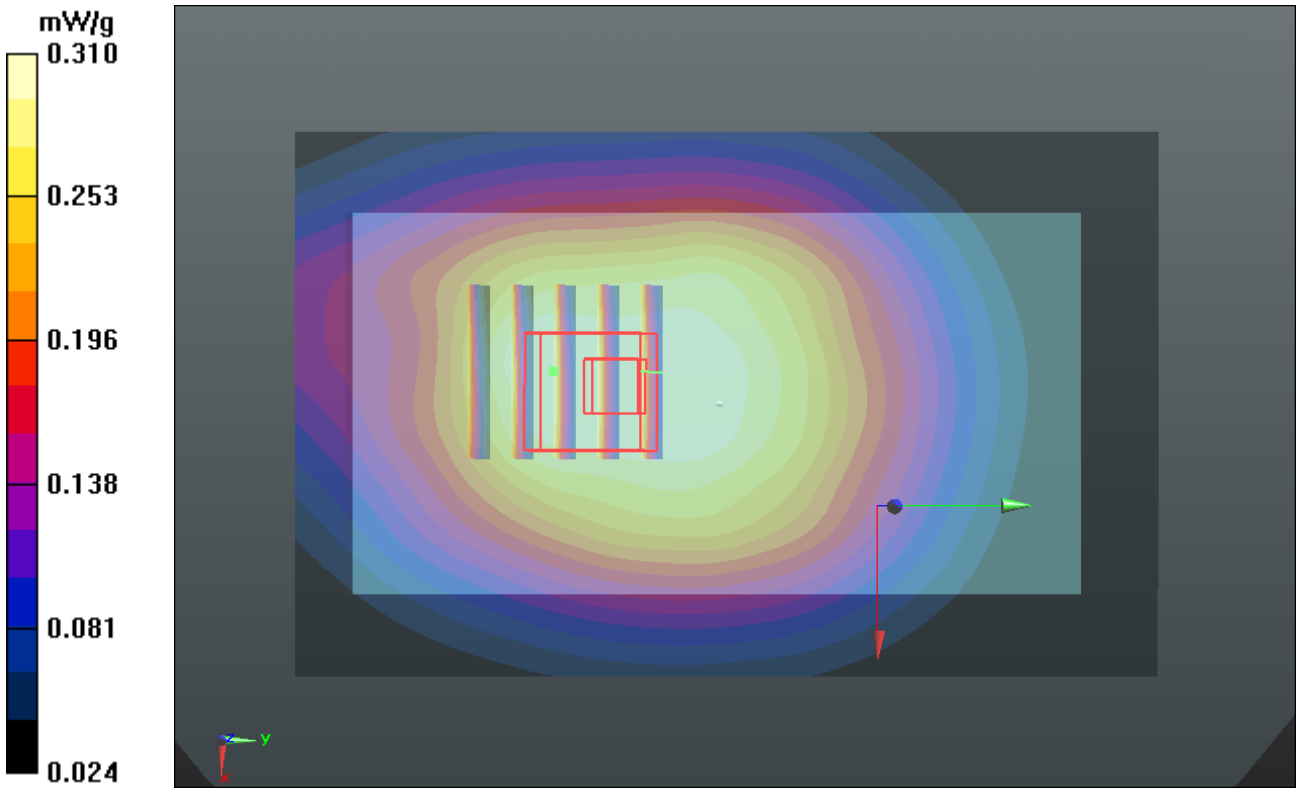
DUT: 120626C35

Communication System: LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0710 Medium parameters used: f = 844 MHz; σ = 0.988 mho/m; ε_r = 55.808; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20600/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.316 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.586 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.343 mW/g
SAR(1 g) = 0.271 mW/g; SAR(10 g) = 0.208 mW/g
Maximum value of SAR (measured) = 0.310 mW/g



P232 LTE 5_QPSK_10M_Rear Face_1cm_Ch20600_25RB_Offset 12

DUT: 120626C35

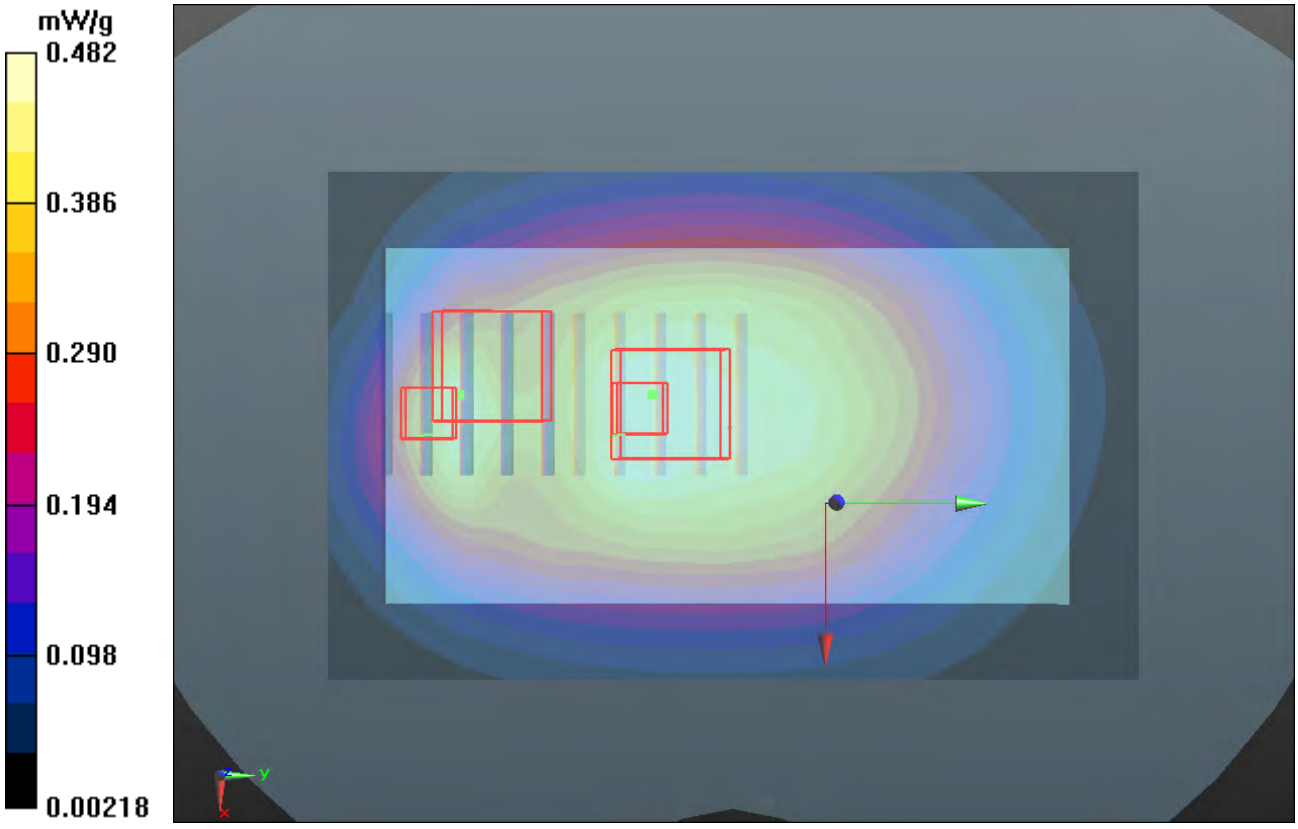
Communication System: LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0710 Medium parameters used: f = 844 MHz; σ = 0.988 mho/m; ε_r = 55.808; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20600/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.482 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.644 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.537 mW/g
SAR(1 g) = 0.418 mW/g; SAR(10 g) = 0.320 mW/g
Maximum value of SAR (measured) = 0.480 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.644 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.470 mW/g
SAR(1 g) = 0.282 mW/g; SAR(10 g) = 0.182 mW/g
Maximum value of SAR (measured) = 0.380 mW/g



P233 LTE 5_QPSK_10M_Left Side_1cm_Ch20600_25RB_Offset 12

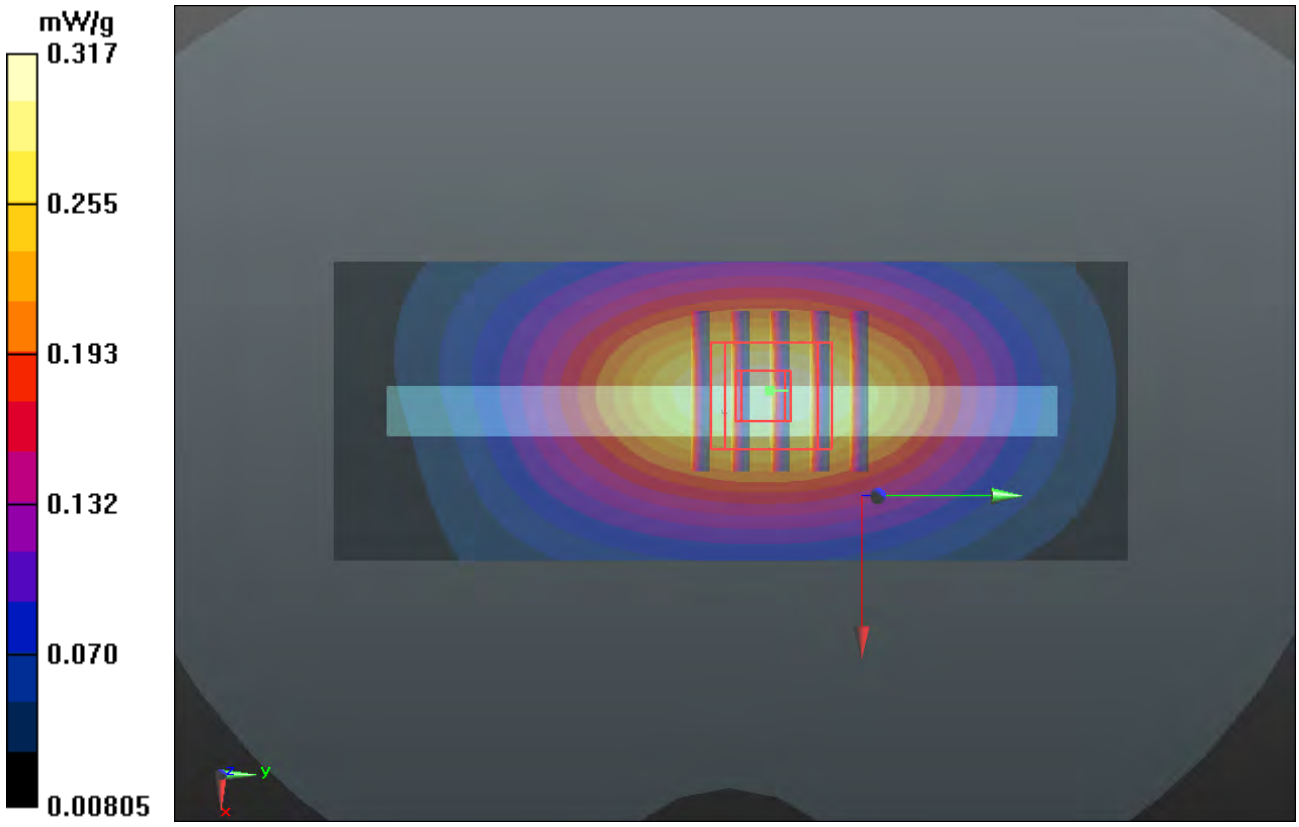
DUT: 120626C35

Communication System: LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0710 Medium parameters used: f = 844 MHz; σ = 0.988 mho/m; ε_r = 55.808; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20600/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.317 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.034 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.378 mW/g
SAR(1 g) = 0.266 mW/g; SAR(10 g) = 0.184 mW/g
Maximum value of SAR (measured) = 0.326 mW/g



P234 LTE 5_QPSK_10M_Right Side_1cm_Ch20600_25RB_Offset 12

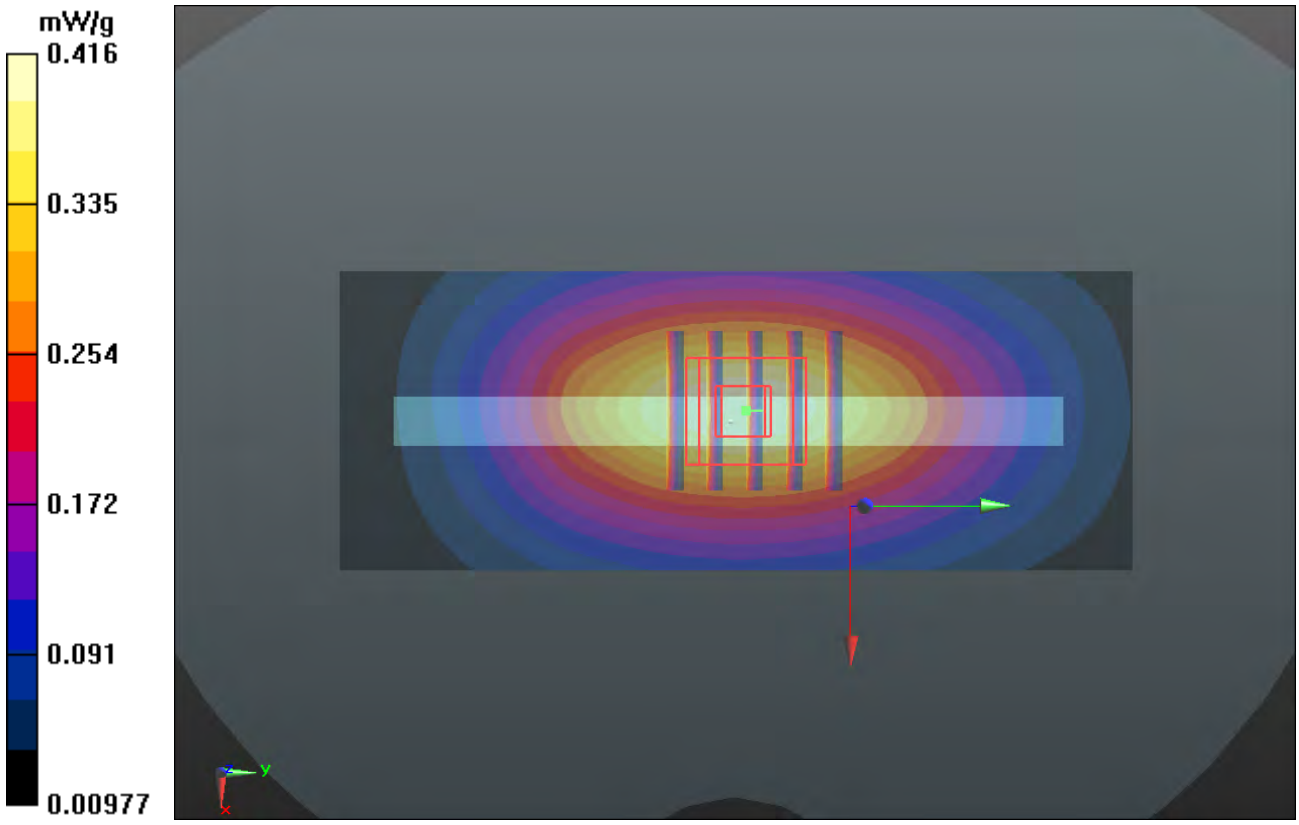
DUT: 120626C35

Communication System: LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0710 Medium parameters used: f = 844 MHz; σ = 0.988 mho/m; ε_r = 55.808; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20600/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.416 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.120 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.487 mW/g
SAR(1 g) = 0.345 mW/g; SAR(10 g) = 0.241 mW/g
Maximum value of SAR (measured) = 0.421 mW/g



P236 LTE 5_QPSK_10M_Bottom Side_1cm_Ch20600_25RB_Offset 12

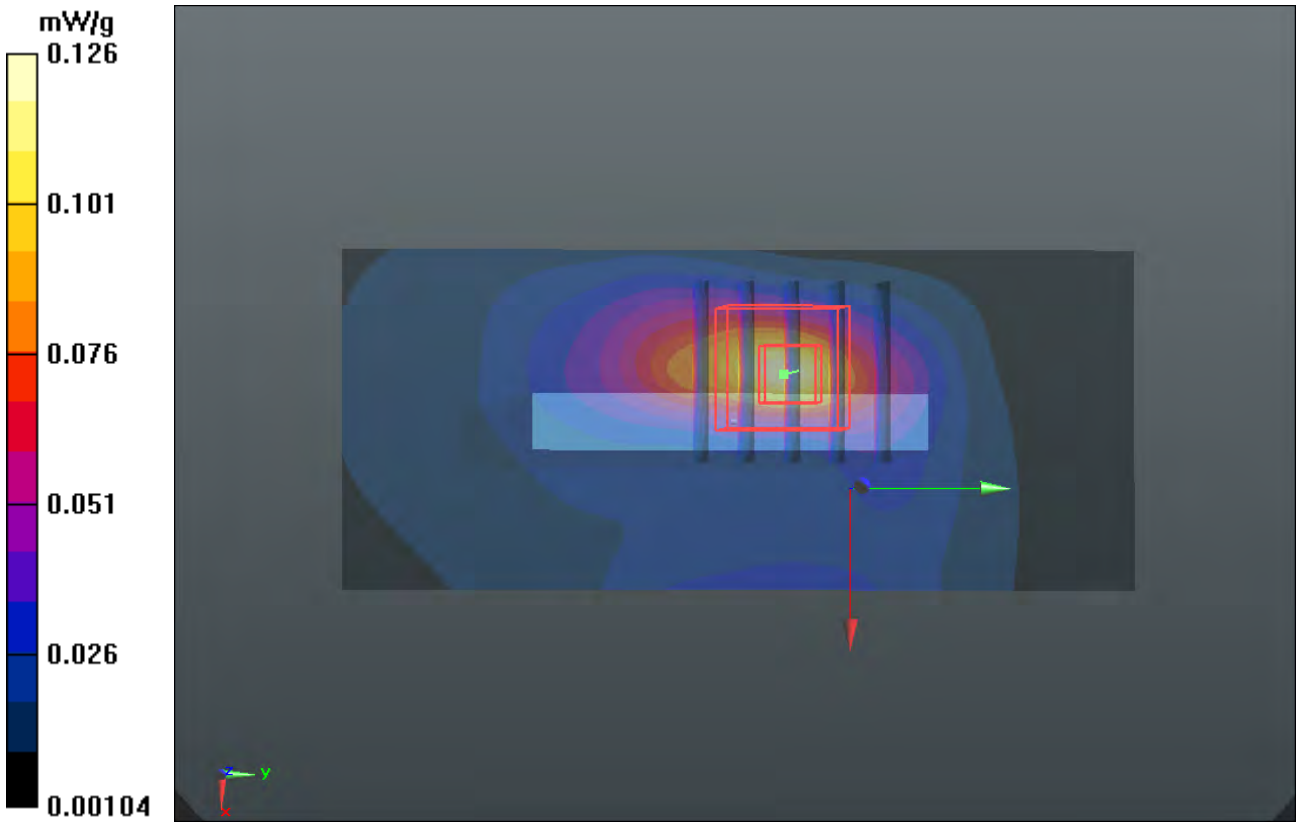
DUT: 120626C35

Communication System: LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0710 Medium parameters used: f = 844 MHz; σ = 0.988 mho/m; ε_r = 55.808; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20600/Area Scan (31x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.126 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.824 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.158 mW/g
SAR(1 g) = 0.088 mW/g; SAR(10 g) = 0.048 mW/g
Maximum value of SAR (measured) = 0.123 mW/g



P237 LTE 5_QPSK_10M_Front Face_1cm_Ch20600_1RB_Offset 0

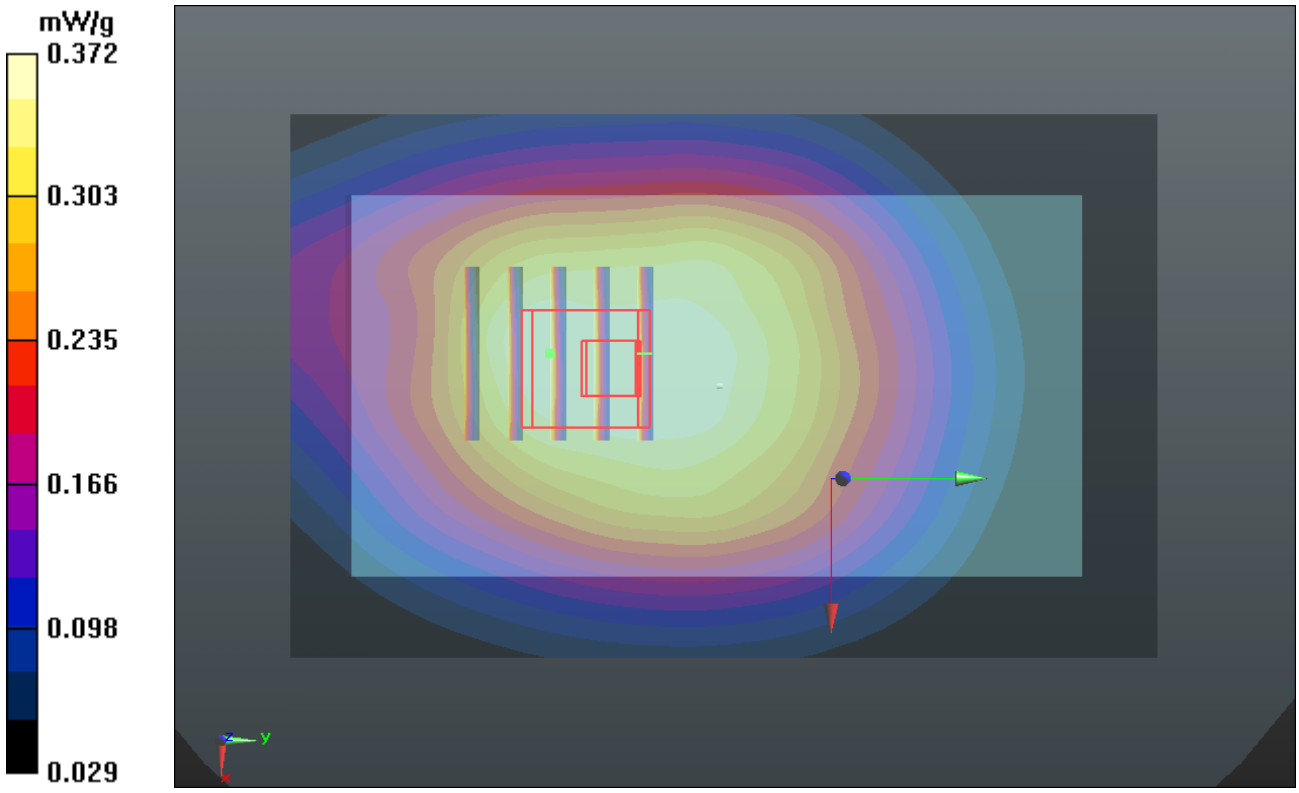
DUT: 120626C35

Communication System: LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0710 Medium parameters used: f = 844 MHz; σ = 0.988 mho/m; ε_r = 55.808; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20600/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.374 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.159 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.410 mW/g
SAR(1 g) = 0.323 mW/g; SAR(10 g) = 0.249 mW/g
Maximum value of SAR (measured) = 0.372 mW/g



P238 LTE 5_QPSK_10M_Rear Face_1cm_Ch20600_1RB_Offset 0

DUT: 120626C35

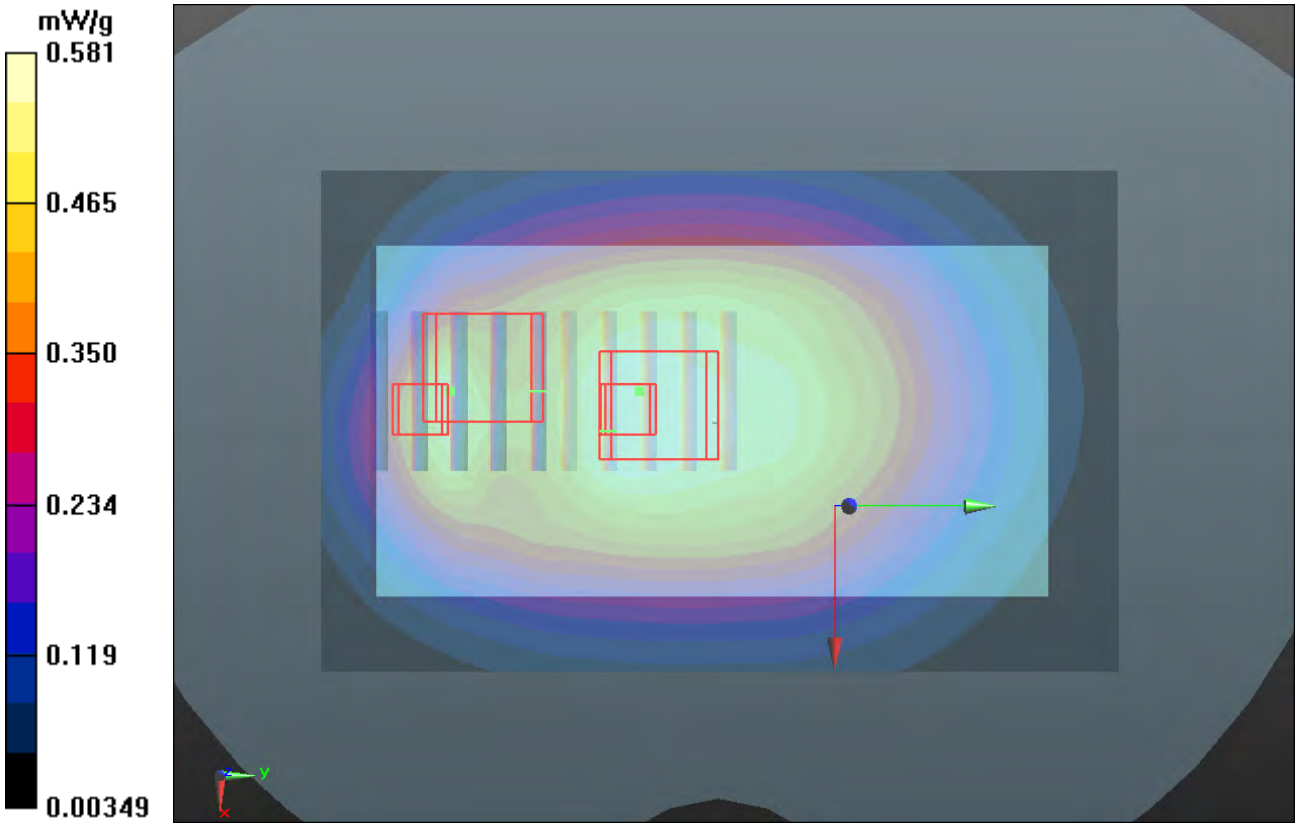
Communication System: LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0710 Medium parameters used: f = 844 MHz; σ = 0.988 mho/m; ε_r = 55.808; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20600/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.581 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.672 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.641 mW/g
SAR(1 g) = 0.499 mW/g; SAR(10 g) = 0.383 mW/g
Maximum value of SAR (measured) = 0.573 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.672 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.547 mW/g
SAR(1 g) = 0.330 mW/g; SAR(10 g) = 0.218 mW/g
Maximum value of SAR (measured) = 0.443 mW/g



P239 LTE 5_QPSK_10M_Left Side_1cm_Ch20600_1RB_Offset 0

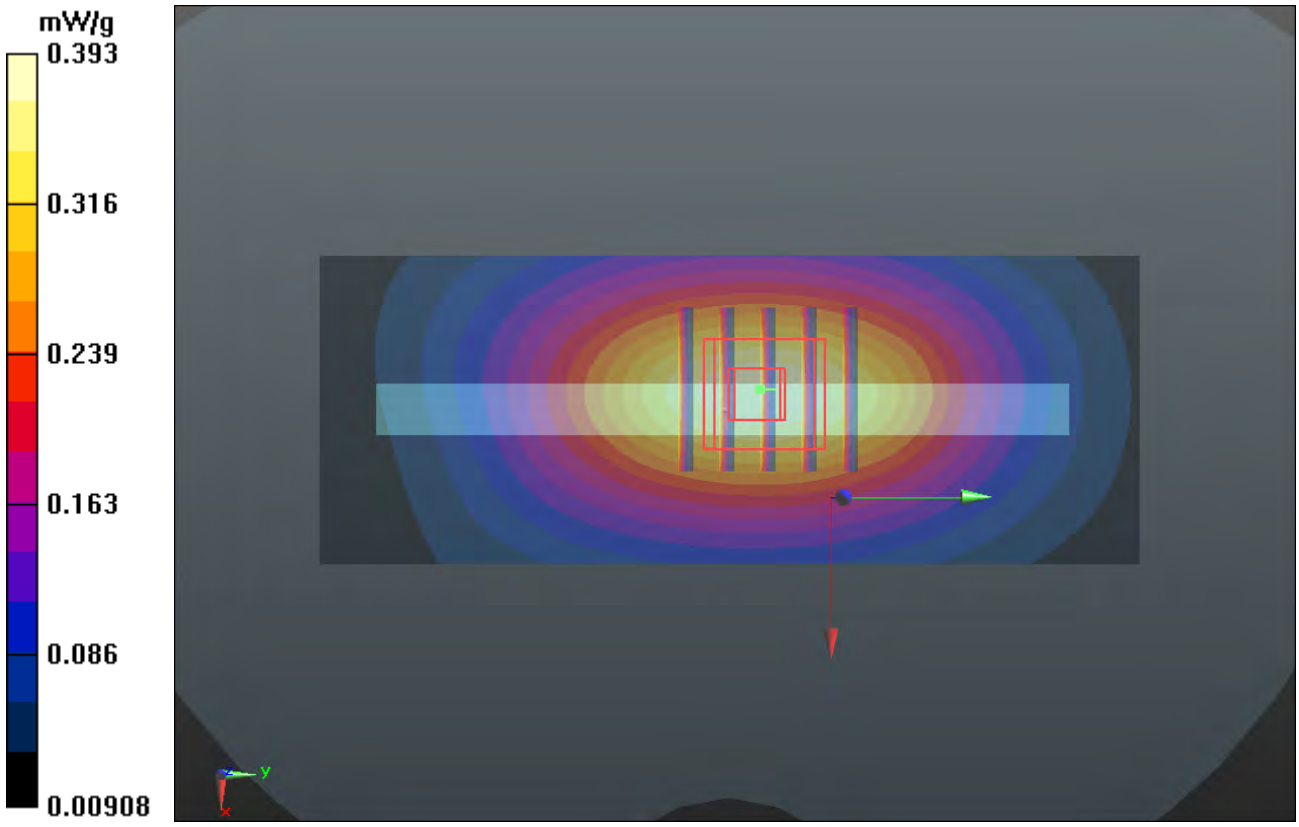
DUT: 120626C35

Communication System: LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0710 Medium parameters used: f = 844 MHz; σ = 0.988 mho/m; ε_r = 55.808; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20600/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.393 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.283 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.464 mW/g
SAR(1 g) = 0.328 mW/g; SAR(10 g) = 0.228 mW/g
Maximum value of SAR (measured) = 0.401 mW/g



P240 LTE 5_QPSK_10M_Right Side_1cm_Ch20600_1RB_Offset 0

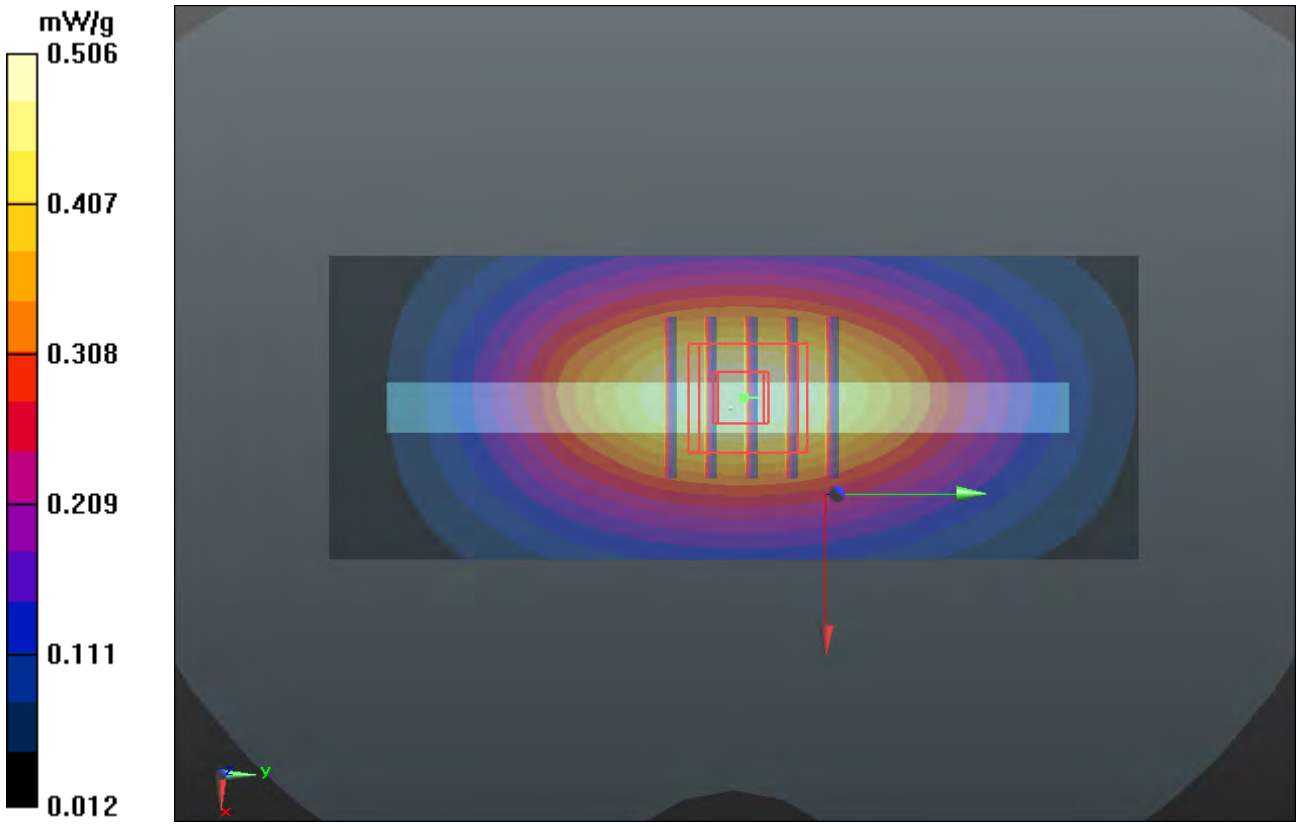
DUT: 120626C35

Communication System: LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0710 Medium parameters used: f = 844 MHz; σ = 0.988 mho/m; ε_r = 55.808; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20600/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.506 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.234 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.601 mW/g
SAR(1 g) = 0.426 mW/g; SAR(10 g) = 0.298 mW/g
Maximum value of SAR (measured) = 0.521 mW/g



P242 LTE 5_QPSK_10M_Bottom Side_1cm_Ch20600_1RB_Offset 0

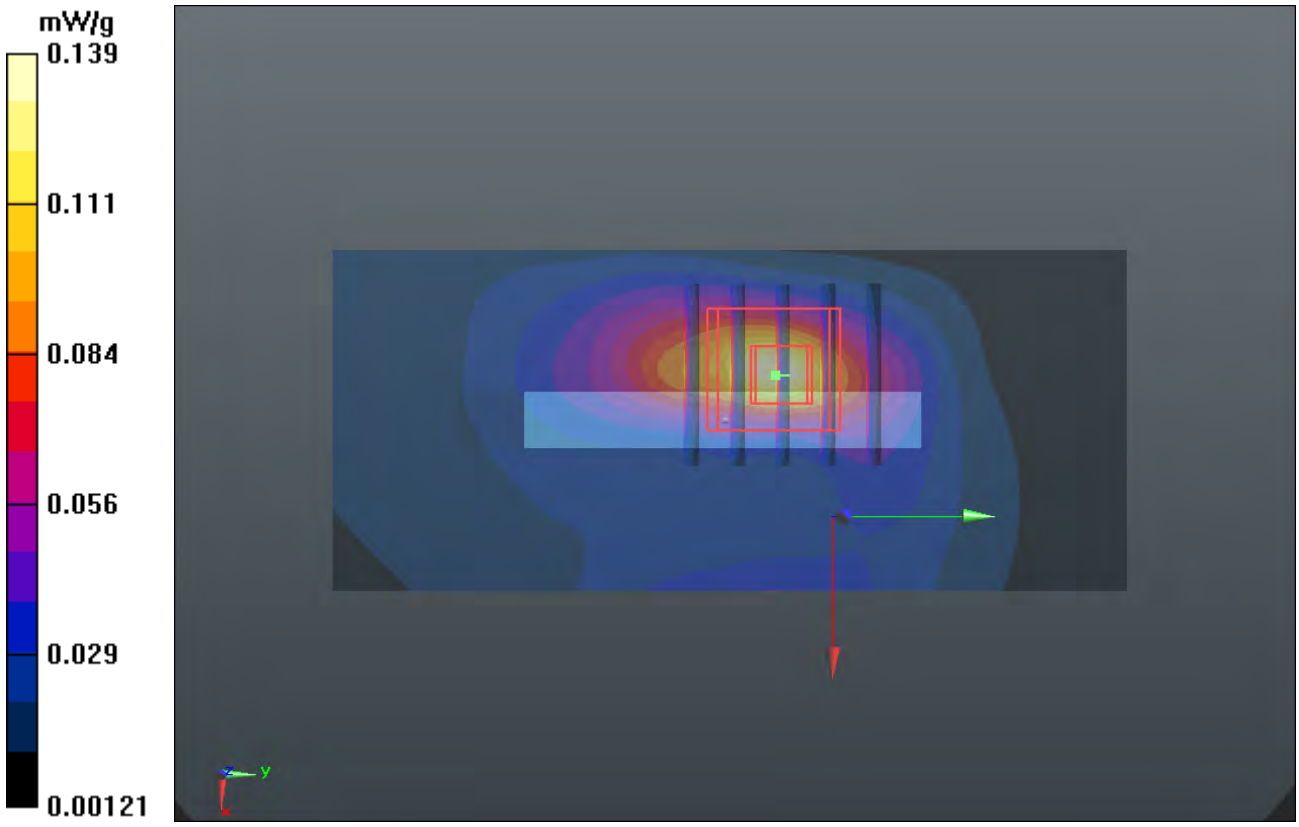
DUT: 120626C35

Communication System: LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0710 Medium parameters used: f = 844 MHz; σ = 0.988 mho/m; ε_r = 55.808; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20600/Area Scan (31x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.139 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.465 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.182 mW/g
SAR(1 g) = 0.101 mW/g; SAR(10 g) = 0.054 mW/g
Maximum value of SAR (measured) = 0.142 mW/g



P243 LTE 5_QPSK_10M_Front Face_1cm_Ch20600_1RB_Offset 49

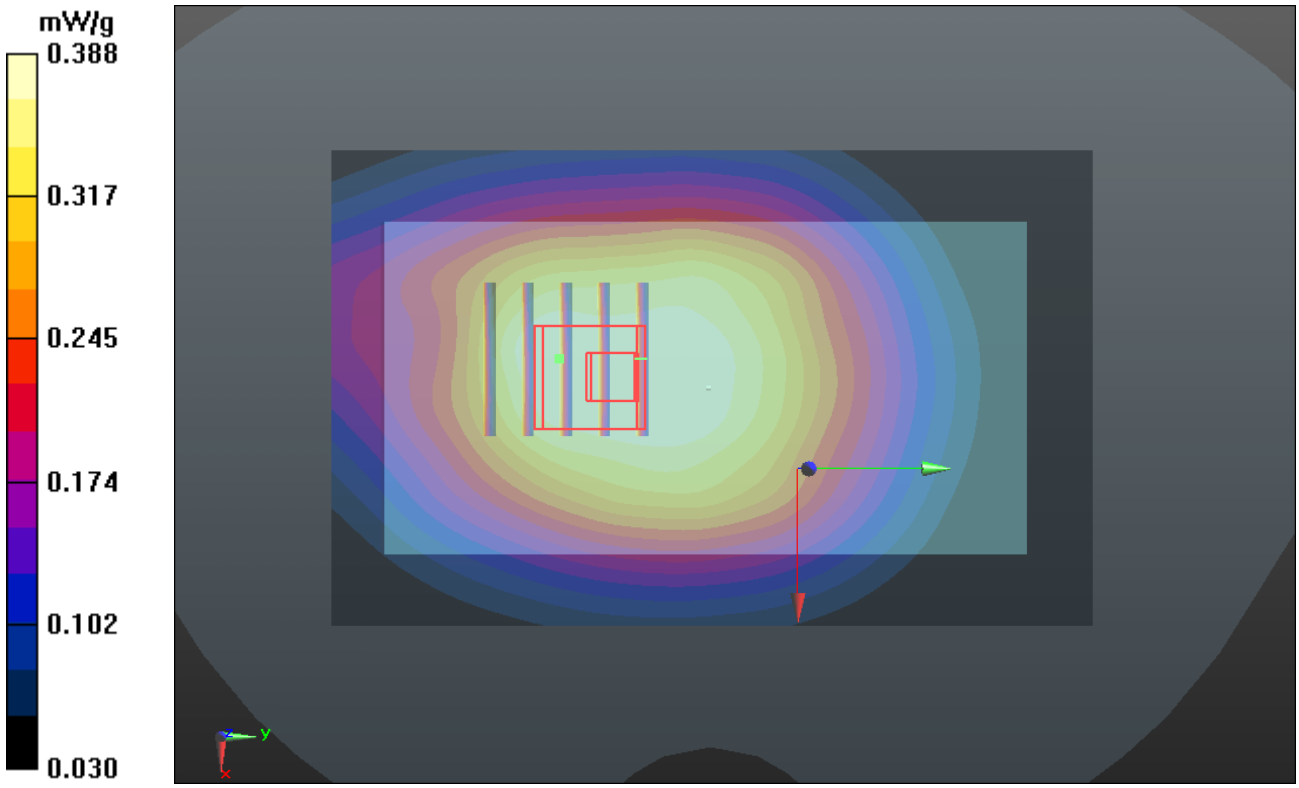
DUT: 120626C35

Communication System: LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0710 Medium parameters used: f = 844 MHz; σ = 0.988 mho/m; ε_r = 55.808; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20600/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.395 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.836 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.431 mW/g
SAR(1 g) = 0.338 mW/g; SAR(10 g) = 0.260 mW/g
Maximum value of SAR (measured) = 0.388 mW/g



P244 LTE 5_QPSK_10M_Rear Face_1cm_Ch20600_1RB_Offset 49

DUT: 120626C35

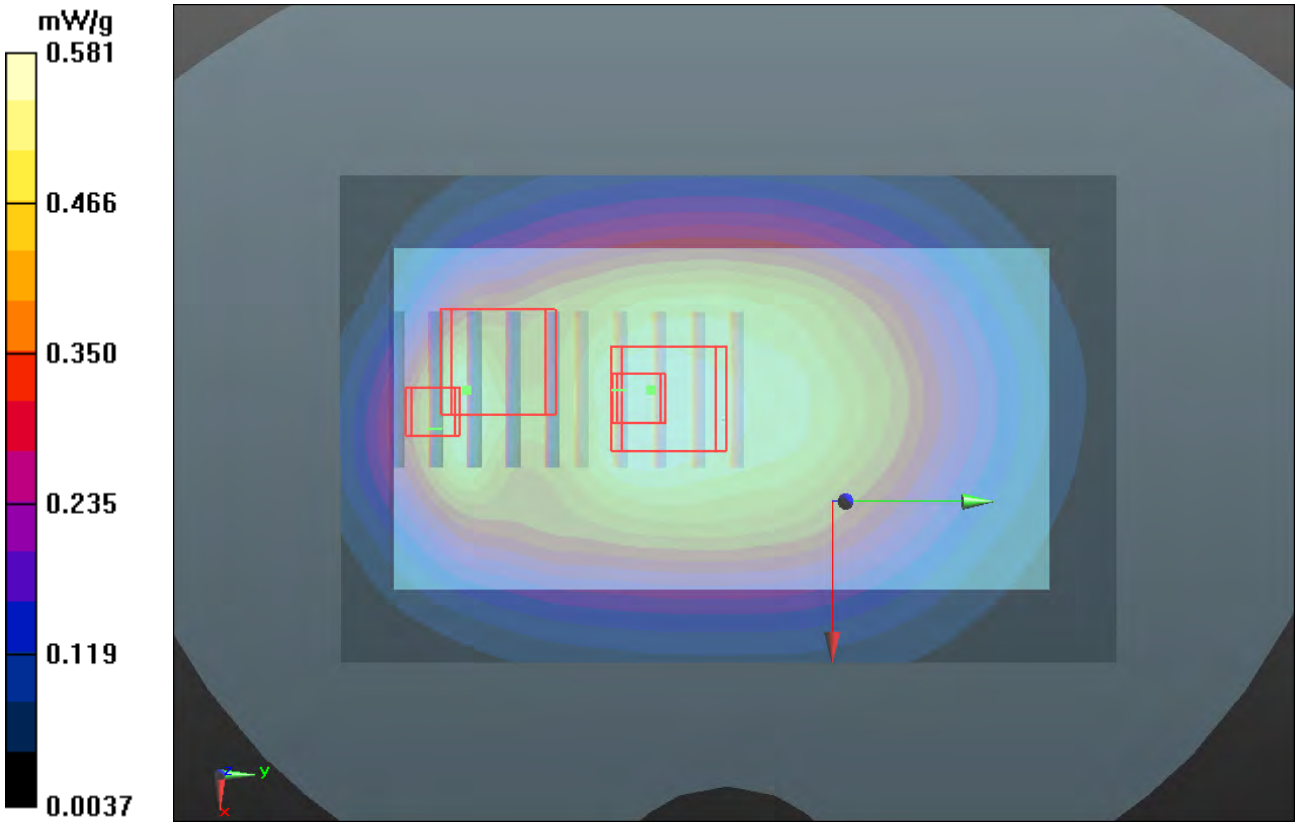
Communication System: LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0710 Medium parameters used: f = 844 MHz; σ = 0.988 mho/m; ε_r = 55.808; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.3 ℃

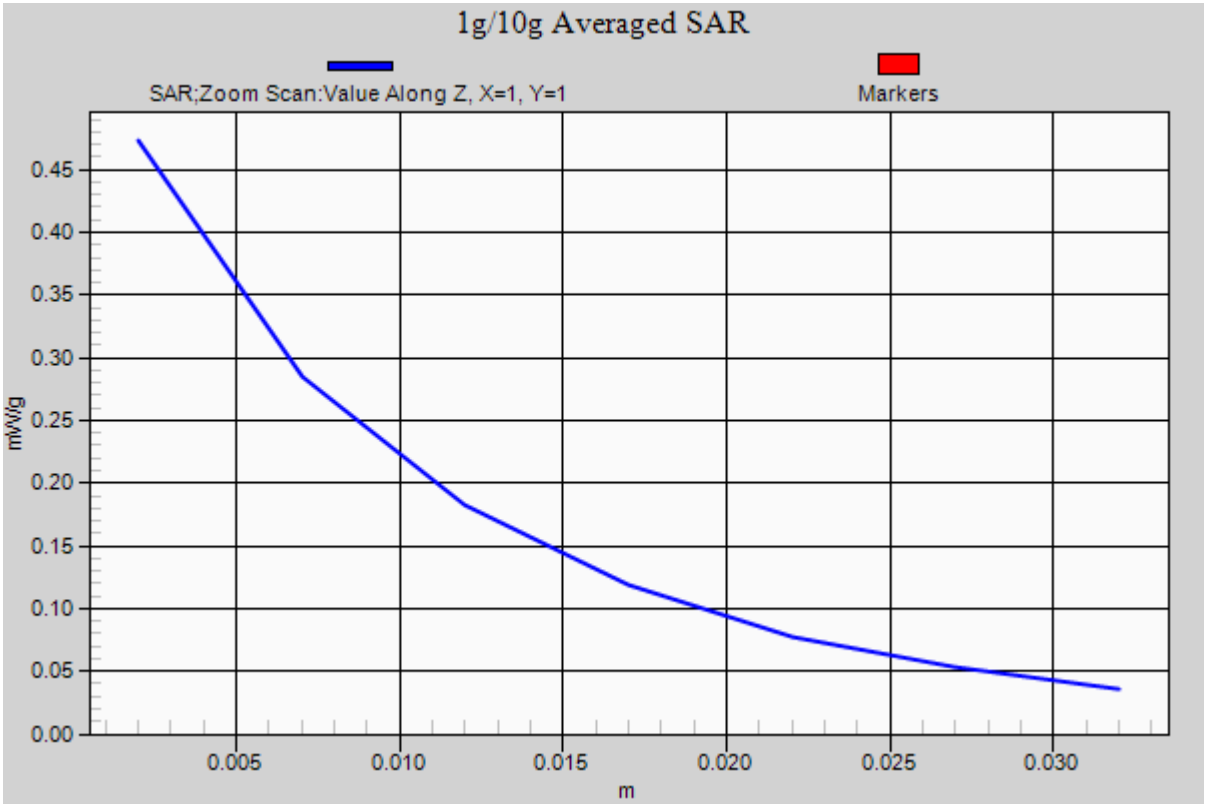
DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20600/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.581 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.856 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.647 mW/g
SAR(1 g) = 0.504 mW/g; SAR(10 g) = 0.386 mW/g
Maximum value of SAR (measured) = 0.578 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.856 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.583 mW/g
SAR(1 g) = 0.348 mW/g; SAR(10 g) = 0.220 mW/g
Maximum value of SAR (measured) = 0.473 mW/g




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=1, Y=1
Markers
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
mW/g
0.005
0.010
0.015
0.020
0.025
0.030
m

P245 LTE 5_QPSK_10M_Left Side_1cm_Ch20600_1RB_Offset 49

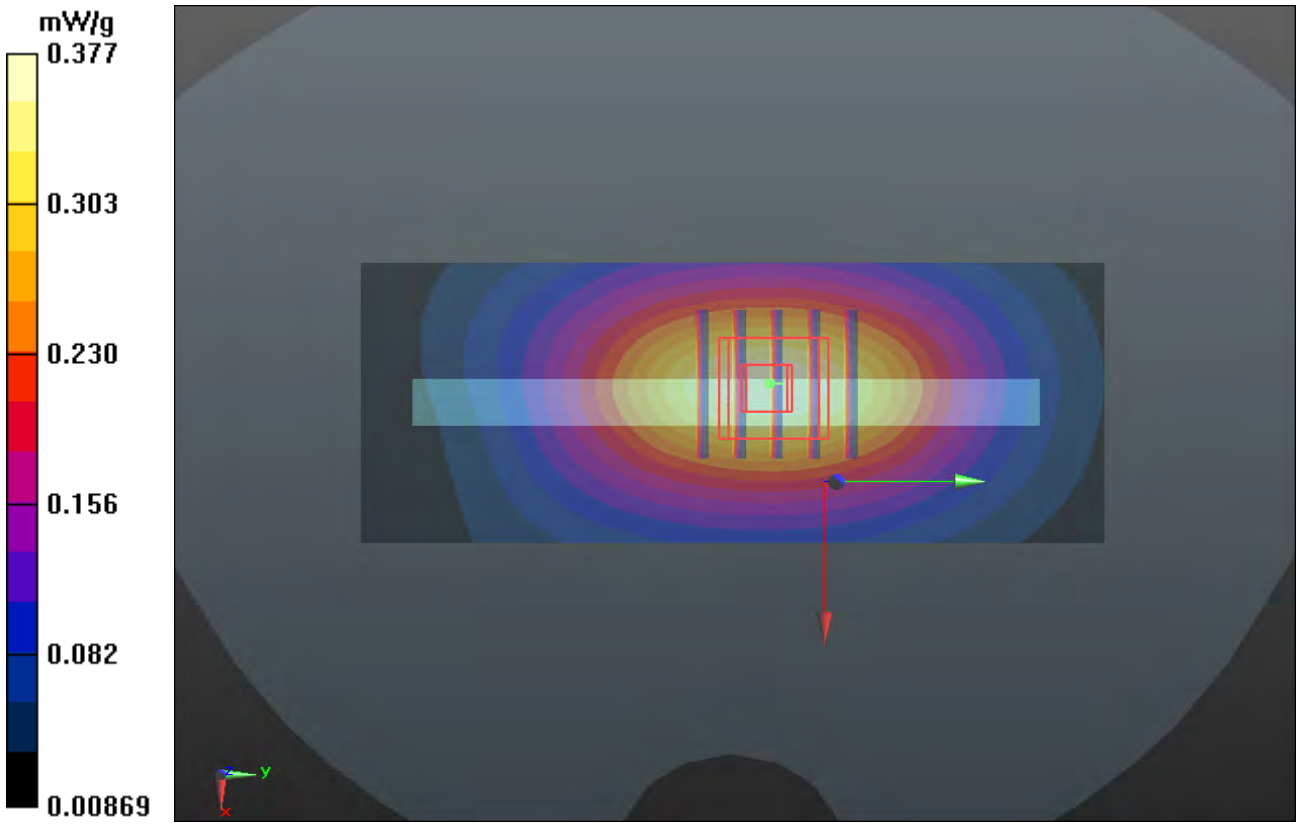
DUT: 120626C35

Communication System: LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0710 Medium parameters used: f = 844 MHz; σ = 0.988 mho/m; ε_r = 55.808; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20600/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.377 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.714 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.441 mW/g
SAR(1 g) = 0.311 mW/g; SAR(10 g) = 0.215 mW/g
Maximum value of SAR (measured) = 0.381 mW/g



P246 LTE 5_QPSK_10M_Right Side_1cm_Ch20600_1RB_Offset 49

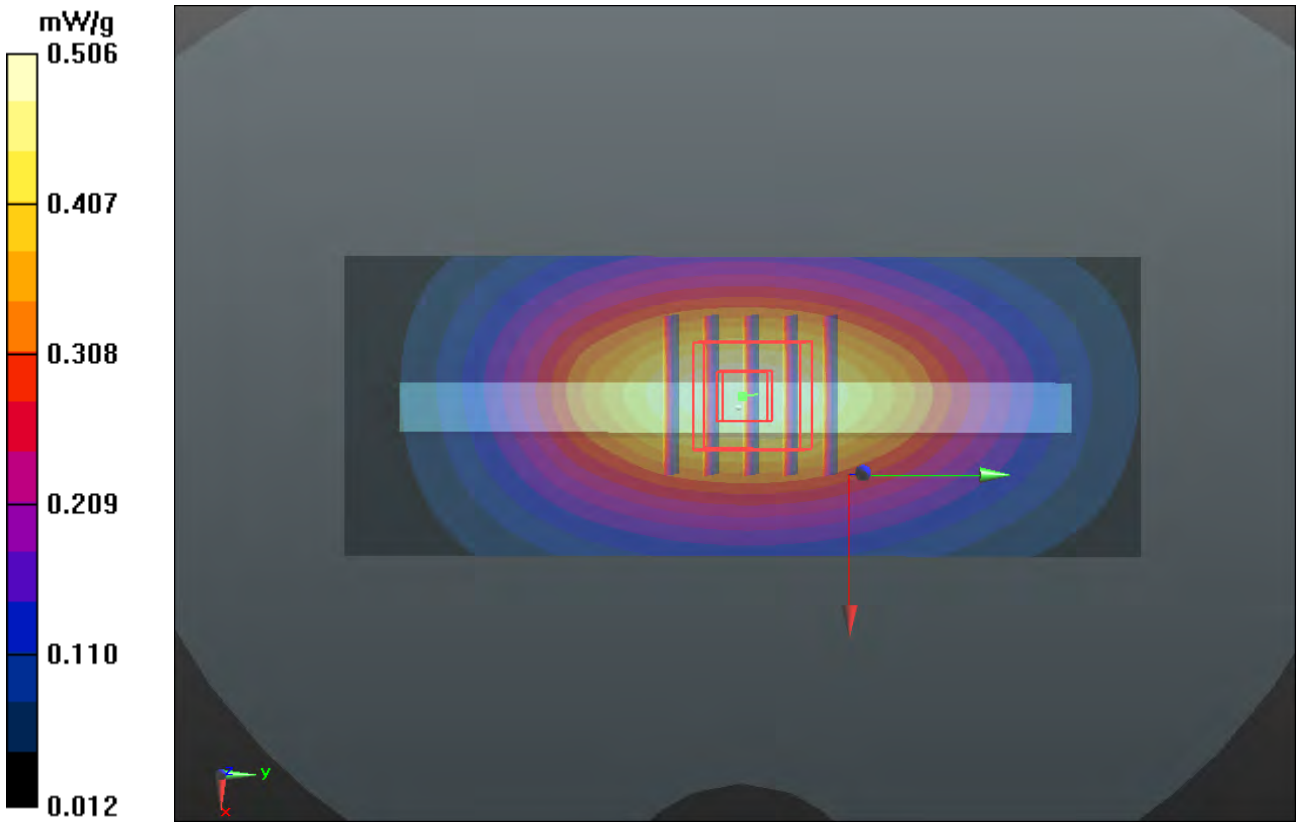
DUT: 120626C35

Communication System: LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0710 Medium parameters used: f = 844 MHz; σ = 0.988 mho/m; ε_r = 55.808; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20600/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.506 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.136 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.594 mW/g
SAR(1 g) = 0.420 mW/g; SAR(10 g) = 0.293 mW/g
Maximum value of SAR (measured) = 0.514 mW/g



P248 LTE 5_QPSK_10M_Bottom Side_1cm_Ch20600_1RB_Offset 49

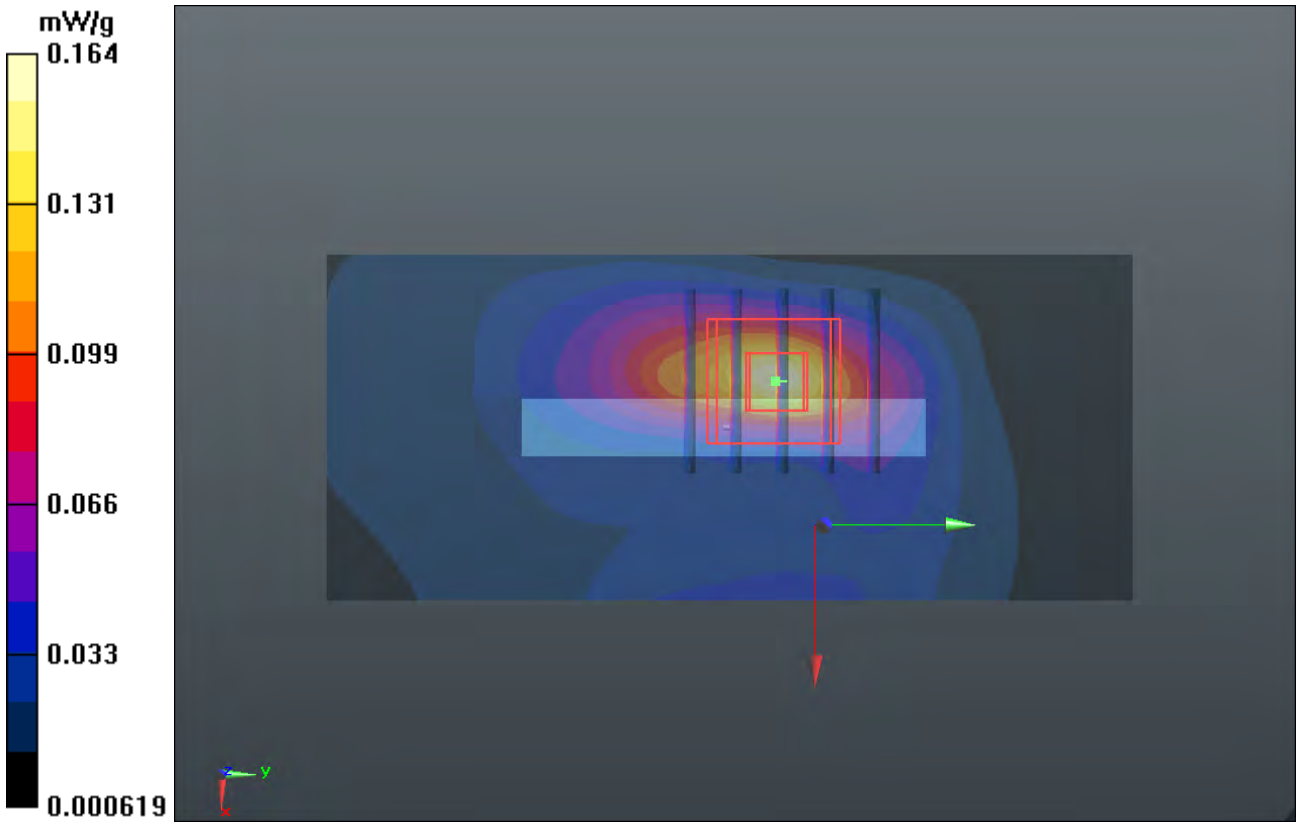
DUT: 120626C35

Communication System: LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0710 Medium parameters used: f = 844 MHz; σ = 0.988 mho/m; ε_r = 55.808; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20600/Area Scan (31x71x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.164 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.075 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.209 mW/g
SAR(1 g) = 0.118 mW/g; SAR(10 g) = 0.064 mW/g
Maximum value of SAR (measured) = 0.166 mW/g



P879 LTE 5_16QAM_10M_Front Face_1cm_Ch20600_1RB_offset 49

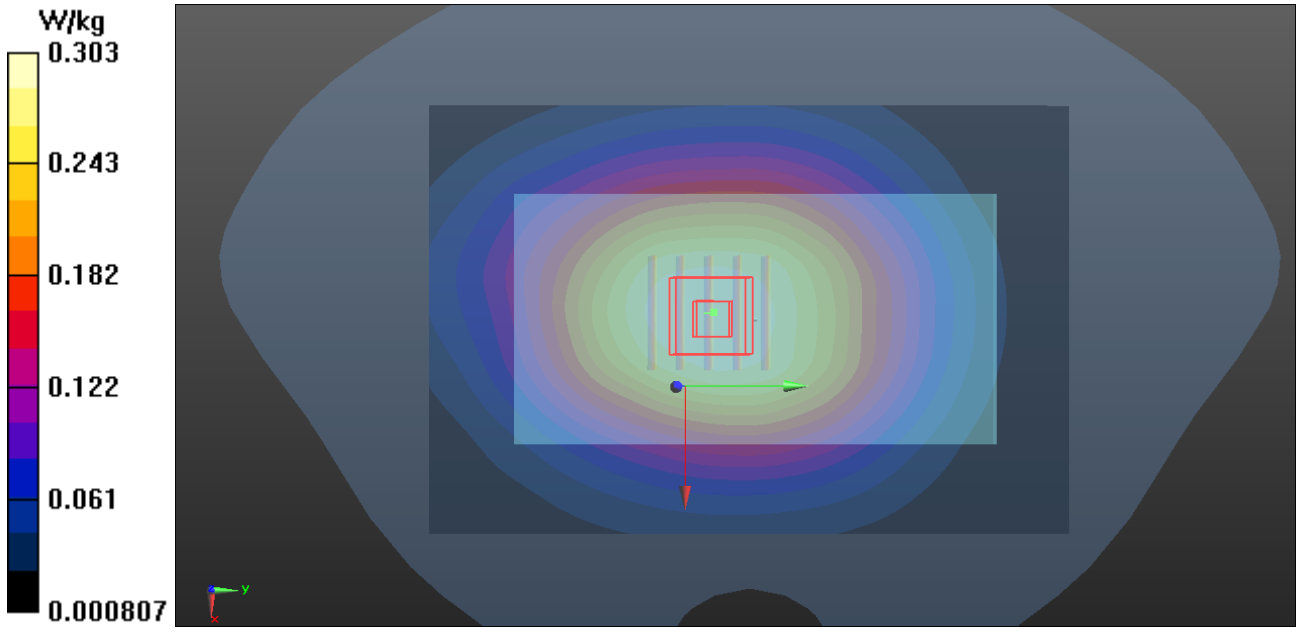
DUT: 120626C35

Communication System: LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_1024 Medium parameters used: f = 844 MHz; σ = 0.999 mho/m; ε_r = 56.636; ρ = 1000 kg/m^3
Ambient Temperature：21.3 ℃; Liquid Temperature：20.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20600/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.303 W/kg

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.482 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.333 mW/g
SAR(1 g) = 0.261 mW/g; SAR(10 g) = 0.200 mW/g
Maximum value of SAR (measured) = 0.300 W/kg



P249 LTE 5_16QAM_10M_Rear Face_1cm_Ch20600_25RB_Offset 12

DUT: 120626C35

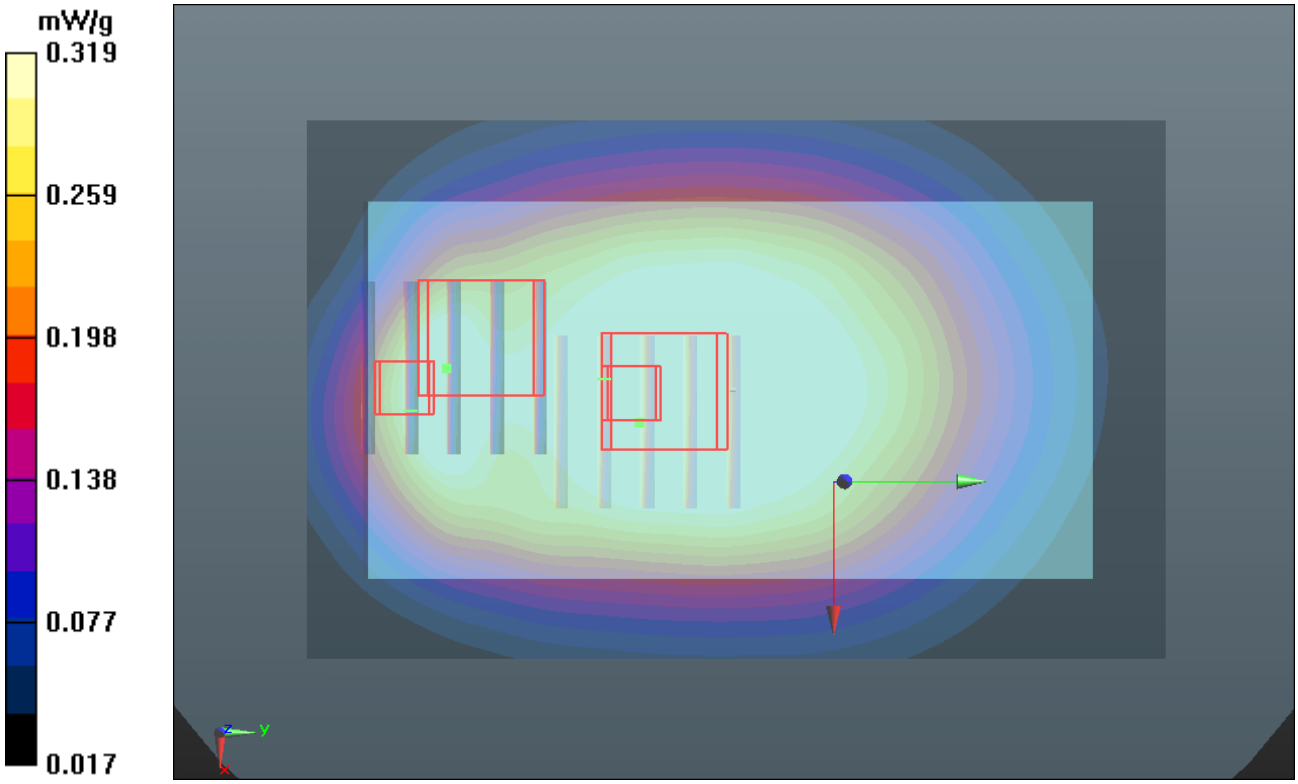
Communication System: LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0710 Medium parameters used: f = 844 MHz; σ = 0.988 mho/m; ε_r = 55.808; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20600/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.392 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.369 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.440 mW/g
SAR(1 g) = 0.339 mW/g; SAR(10 g) = 0.258 mW/g
Maximum value of SAR (measured) = 0.389 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.369 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.391 mW/g
SAR(1 g) = 0.234 mW/g; SAR(10 g) = 0.150 mW/g
Maximum value of SAR (measured) = 0.319 mW/g



P250 LTE 5_16QAM_10M_Rear Face_1cm_Ch20600_1RB_Offset 0

DUT: 120626C35

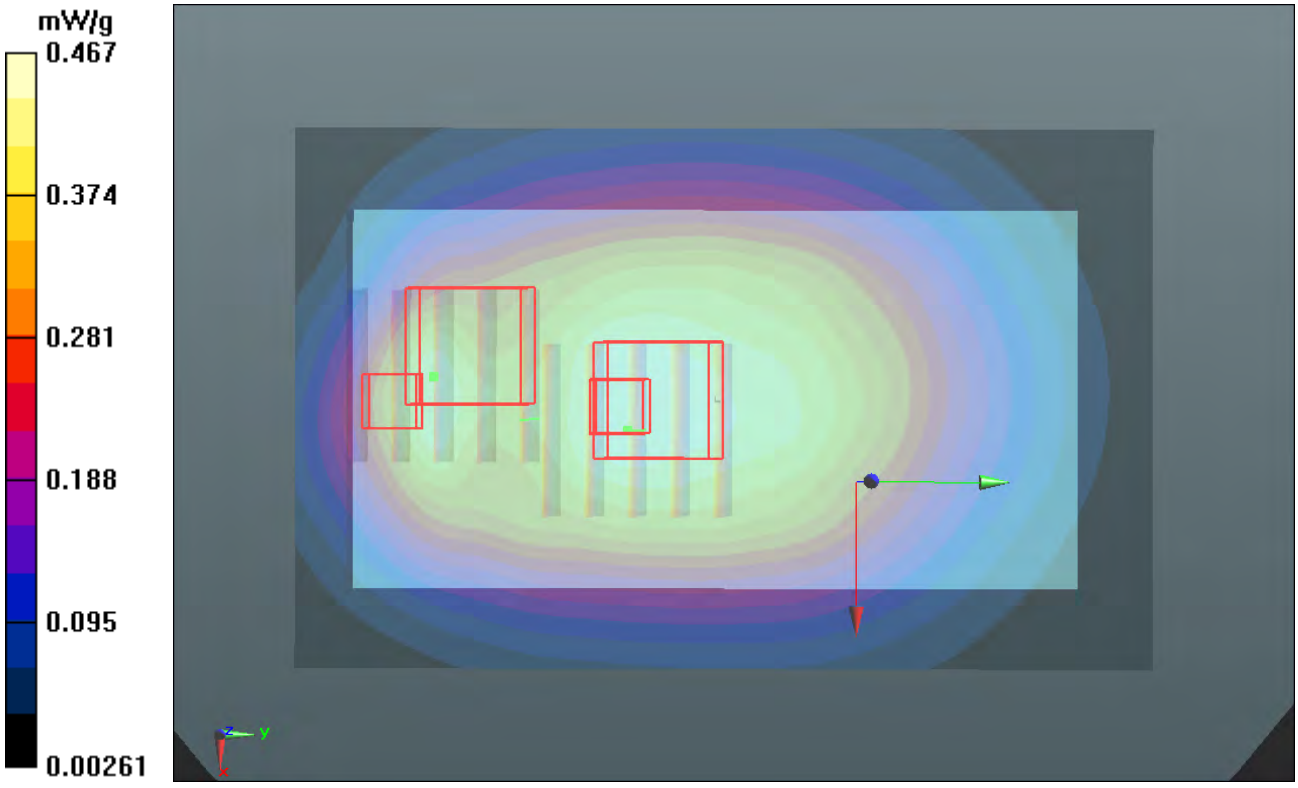
Communication System: LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0710 Medium parameters used: f = 844 MHz; σ = 0.988 mho/m; ε_r = 55.808; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20600/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.467 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.063 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.521 mW/g
SAR(1 g) = 0.404 mW/g; SAR(10 g) = 0.309 mW/g
Maximum value of SAR (measured) = 0.463 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.063 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.454 mW/g
SAR(1 g) = 0.273 mW/g; SAR(10 g) = 0.178 mW/g
Maximum value of SAR (measured) = 0.376 mW/g



P251 LTE 5_16QAM_10M_Rear Face_1cm_Ch20600_1RB_Offset 49

DUT: 120626C35

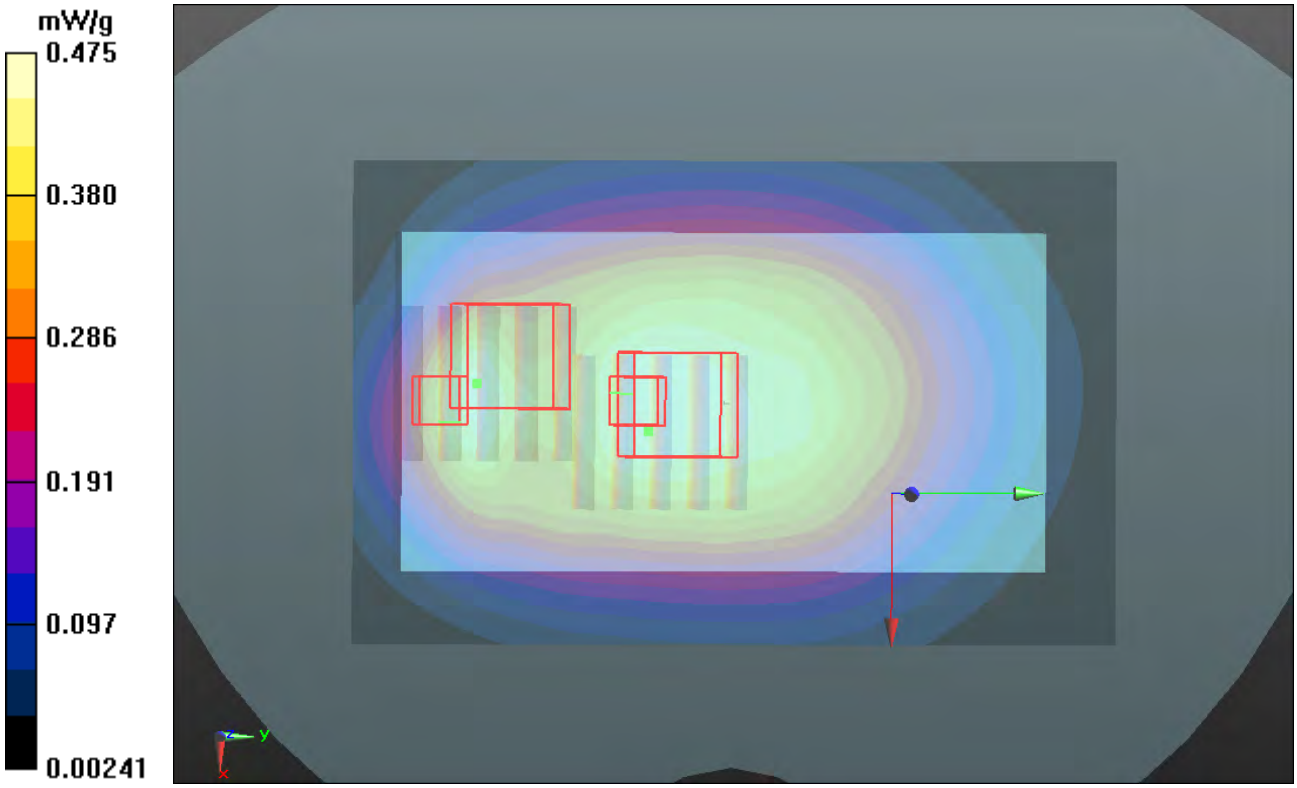
Communication System: LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0710 Medium parameters used: f = 844 MHz; σ = 0.988 mho/m; ε_r = 55.808; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20600/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.475 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.530 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.530 mW/g
SAR(1 g) = 0.411 mW/g; SAR(10 g) = 0.313 mW/g
Maximum value of SAR (measured) = 0.473 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.530 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.486 mW/g
SAR(1 g) = 0.291 mW/g; SAR(10 g) = 0.183 mW/g
Maximum value of SAR (measured) = 0.396 mW/g



P882 LTE 5_16QAM_10M_Left Side_1cm_Ch20600_1RB_offset 49

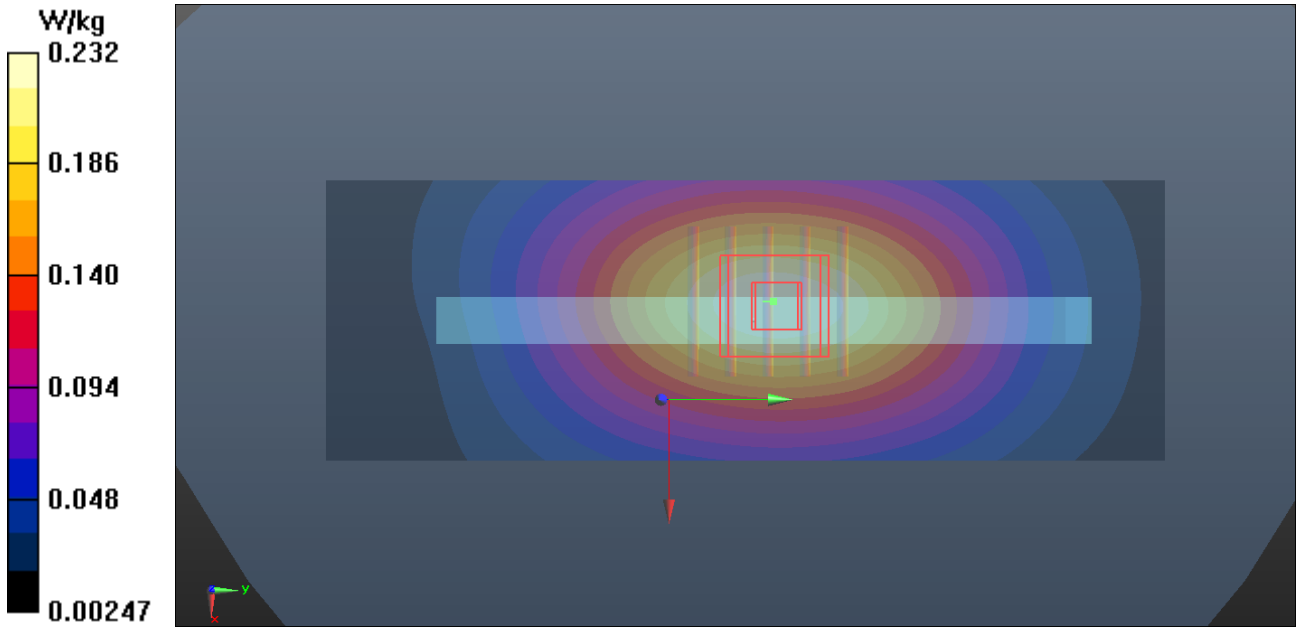
DUT: 120626C35

Communication System: LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_1024 Medium parameters used: f = 844 MHz; σ = 0.999 mho/m; ε_r = 56.636; ρ = 1000 kg/m^3
Ambient Temperature：21.3 ℃; Liquid Temperature：20.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20600/Area Scan (31x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.232 W/kg

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.333 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.271 mW/g
SAR(1 g) = 0.195 mW/g; SAR(10 g) = 0.138 mW/g
Maximum value of SAR (measured) = 0.236 W/kg



P885 LTE 5_16QAM_10M_Right Side_1cm_Ch20600_1RB_offset 49

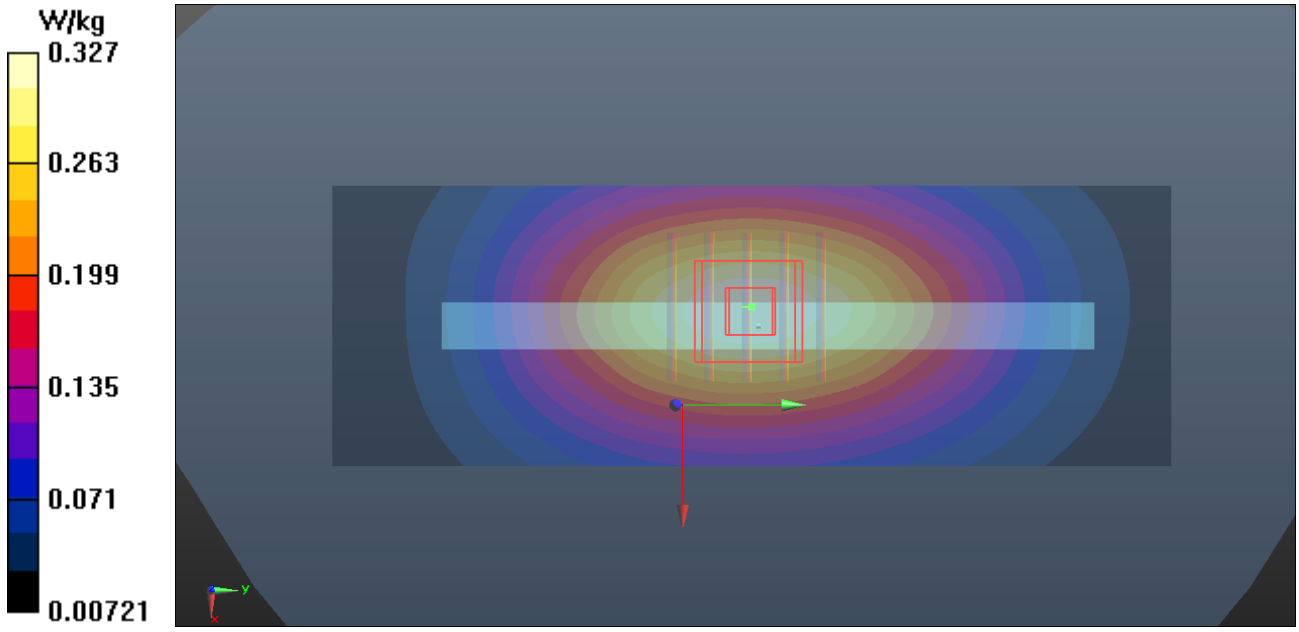
DUT: 120626C35

Communication System: LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_1024 Medium parameters used: f = 844 MHz; σ = 0.999 mho/m; ε_r = 56.636; ρ = 1000 kg/m^3
Ambient Temperature：21.3 ℃; Liquid Temperature：20.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20600/Area Scan (31x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.327 W/kg

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.366 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.381 mW/g
SAR(1 g) = 0.274 mW/g; SAR(10 g) = 0.195 mW/g
Maximum value of SAR (measured) = 0.332 W/kg



P888 LTE 5_16QAM_10M_Bottom Side_1cm_Ch20600_1RB_offset 49

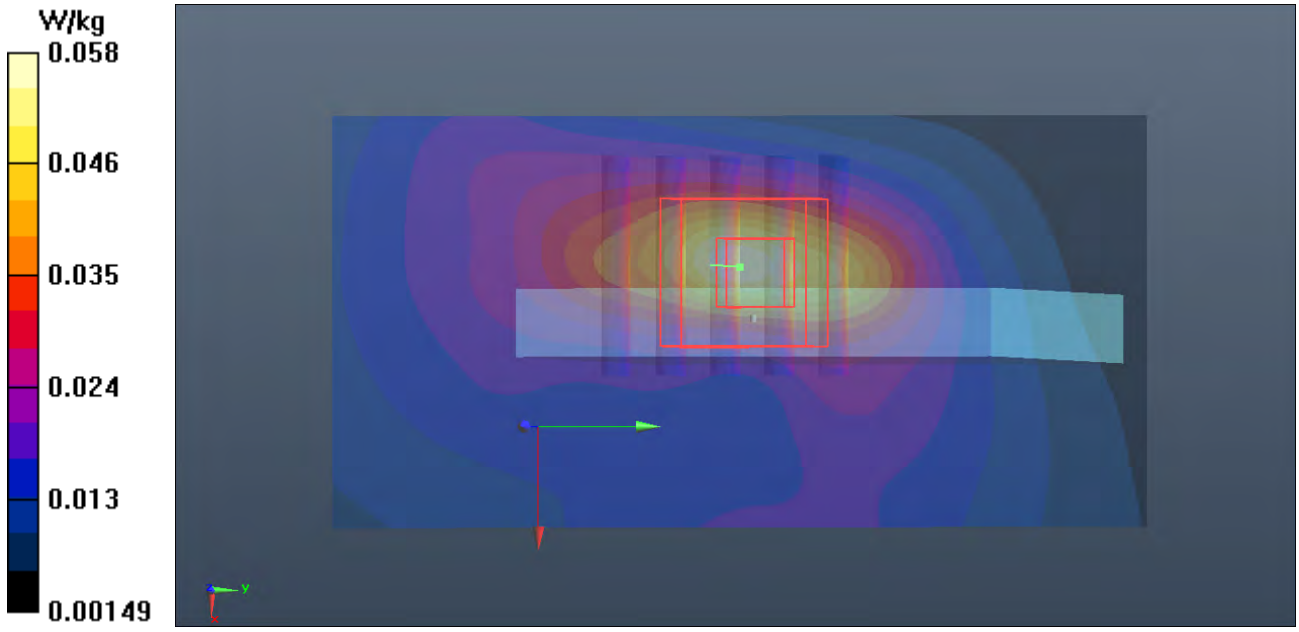
DUT: 120626C35

Communication System: LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_1024 Medium parameters used: f = 844 MHz; σ = 0.999 mho/m; ε_r = 56.636; ρ = 1000 kg/m^3
Ambient Temperature：21.3 ℃; Liquid Temperature：20.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20600/Area Scan (31x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.0575 W/kg

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.772 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.070 mW/g
SAR(1 g) = 0.045 mW/g; SAR(10 g) = 0.026 mW/g
Maximum value of SAR (measured) = 0.0585 W/kg



P252 LTE 5_QPSK_10M_Front Face_1cm_Ch20600_25RB_Offset 12_Earphone

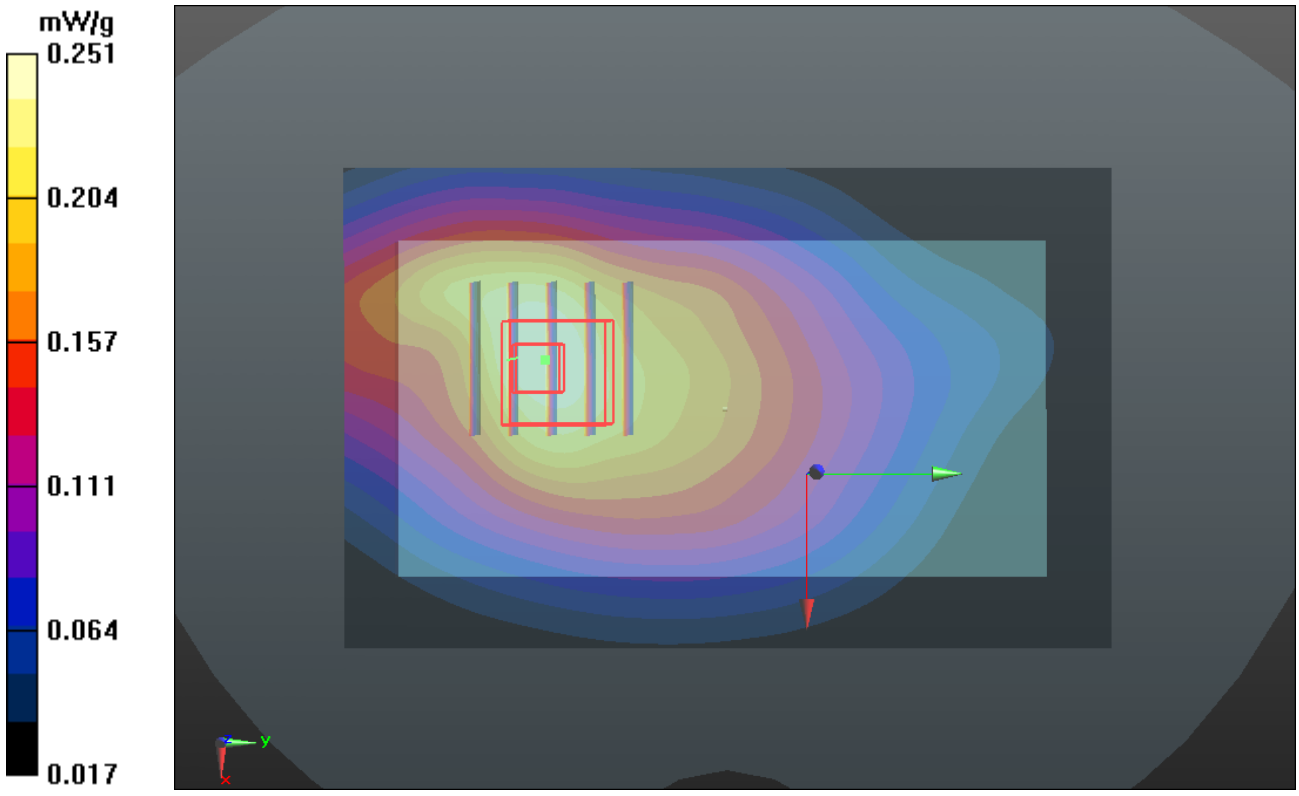
DUT: 120626C35

Communication System: LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0710 Medium parameters used: f = 844 MHz; σ = 0.988 mho/m; ε_r = 55.808; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20600/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.259 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.345 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.290 mW/g
SAR(1 g) = 0.214 mW/g; SAR(10 g) = 0.156 mW/g
Maximum value of SAR (measured) = 0.251 mW/g



P253 LTE 5_QPSK_10M_Rear Face_1cm_Ch20600_25RB_Offset 12_Earphone

DUT: 120626C35

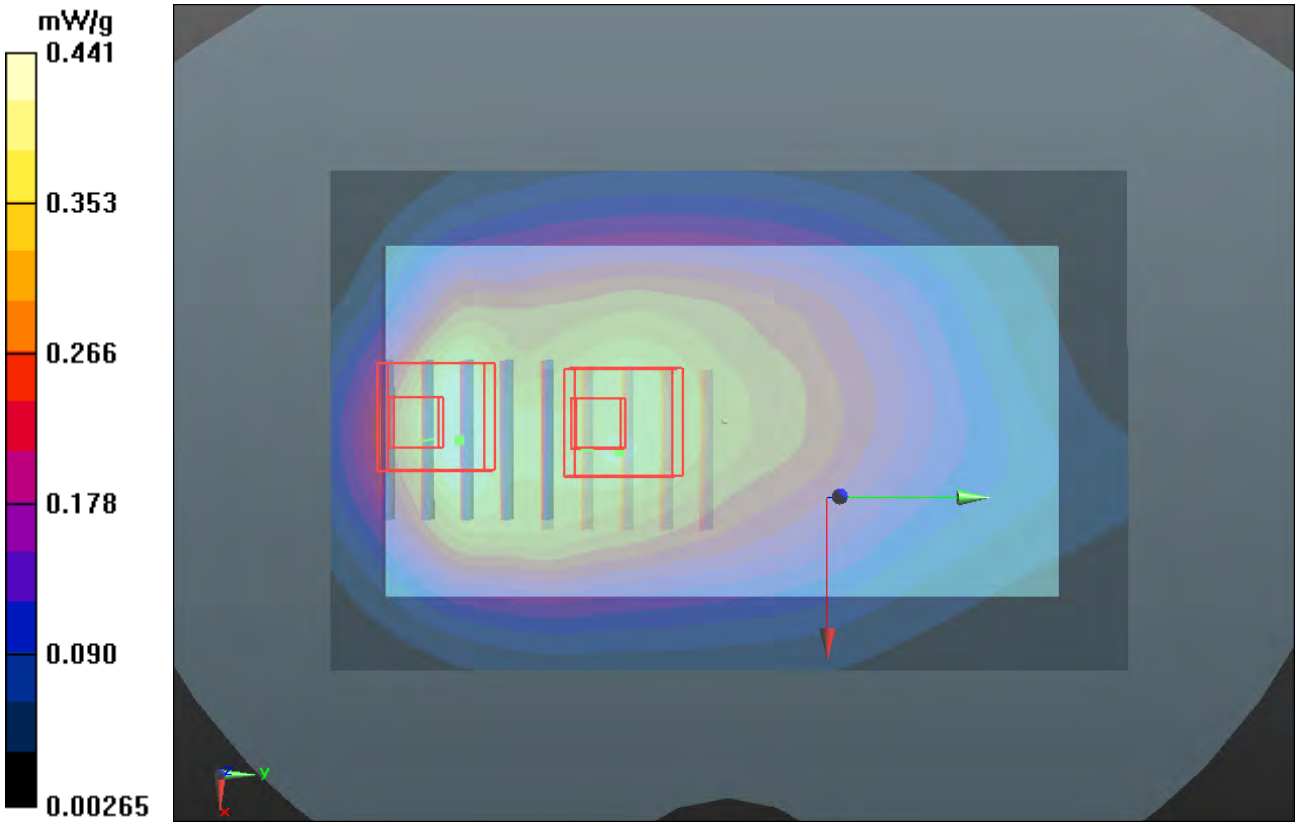
Communication System: LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0710 Medium parameters used: f = 844 MHz; σ = 0.988 mho/m; ε_r = 55.808; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20600/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.441 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.903 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.486 mW/g
SAR(1 g) = 0.353 mW/g; SAR(10 g) = 0.256 mW/g
Maximum value of SAR (measured) = 0.422 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.903 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.483 mW/g
SAR(1 g) = 0.291 mW/g; SAR(10 g) = 0.173 mW/g
Maximum value of SAR (measured) = 0.395 mW/g



P254 LTE 5_QPSK_10M_Front Face_1cm_Ch20600_1RB_Offset 0_Earphone

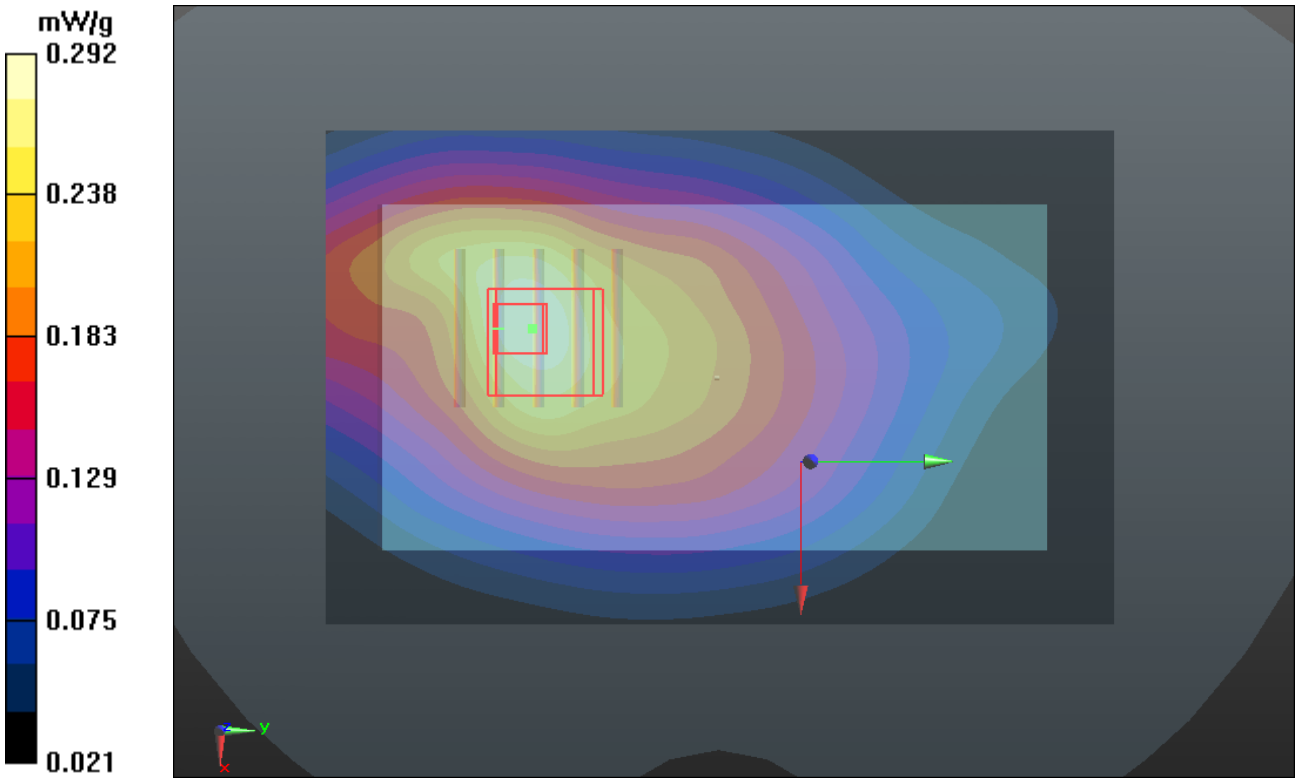
DUT: 120626C35

Communication System: LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0710 Medium parameters used: f = 844 MHz; σ = 0.988 mho/m; ε_r = 55.808; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20600/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.295 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.308 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.339 mW/g
SAR(1 g) = 0.249 mW/g; SAR(10 g) = 0.181 mW/g
Maximum value of SAR (measured) = 0.292 mW/g



P255 LTE 5_QPSK_10M_Rear Face_1cm_Ch20600_1RB_Offset 0_Earphone

DUT: 120626C35

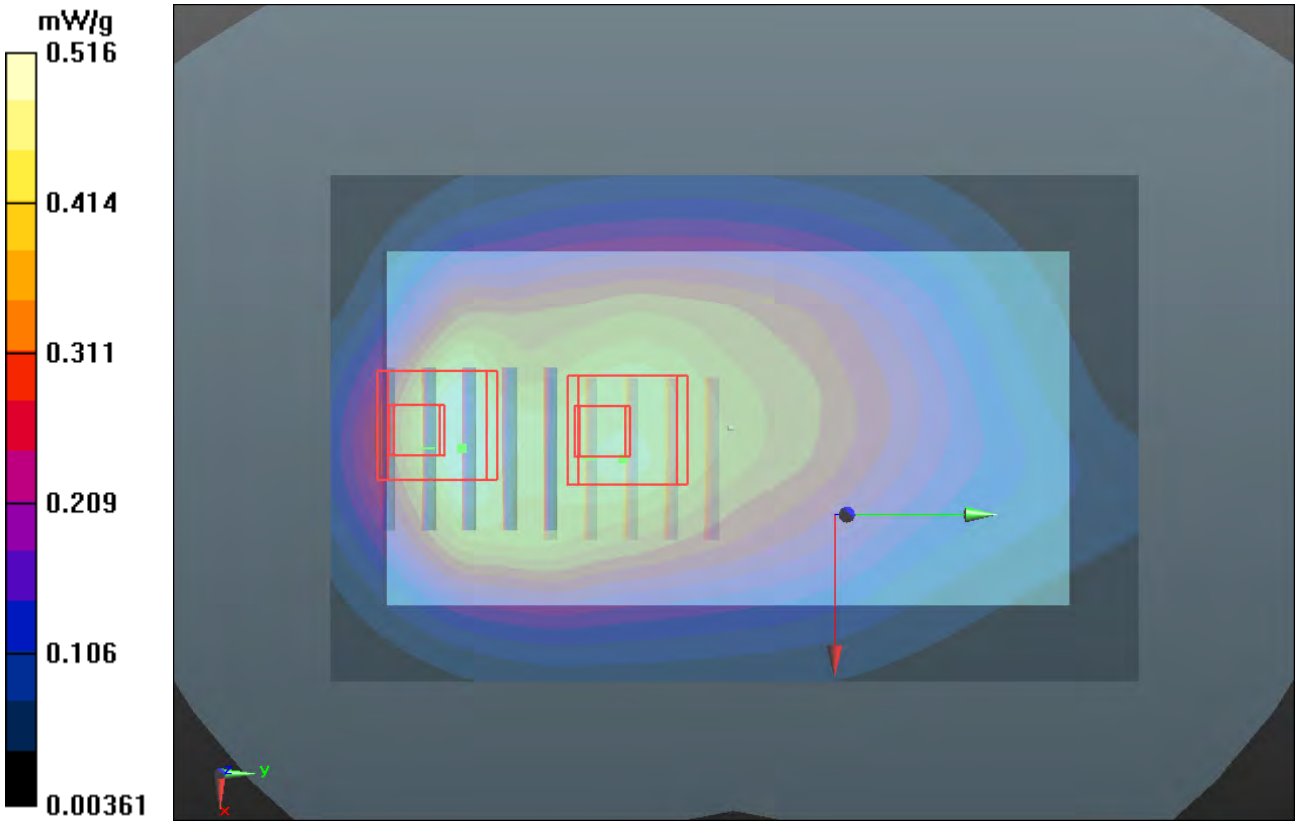
Communication System: LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0710 Medium parameters used: f = 844 MHz; σ = 0.988 mho/m; ε_r = 55.808; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20600/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.516 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.347 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.569 mW/g
SAR(1 g) = 0.415 mW/g; SAR(10 g) = 0.301 mW/g
Maximum value of SAR (measured) = 0.496 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.347 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.552 mW/g
SAR(1 g) = 0.333 mW/g; SAR(10 g) = 0.199 mW/g
Maximum value of SAR (measured) = 0.452 mW/g



P256 LTE 5_QPSK_10M_Front Face_1cm_Ch20600_1RB_Offset 49_Earphone

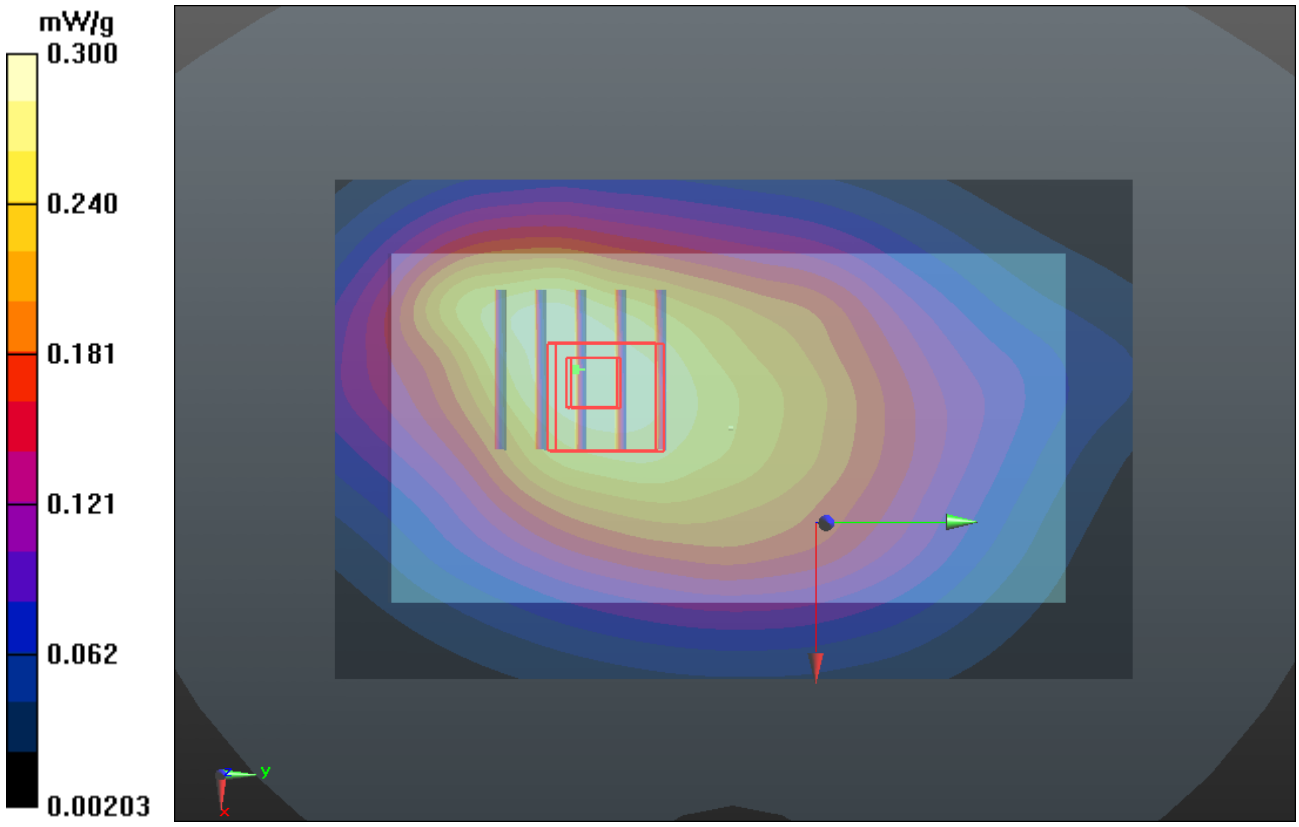
DUT: 120626C35

Communication System: LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0710 Medium parameters used: f = 844 MHz; σ = 0.988 mho/m; ε_r = 55.808; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20600/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.300 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.781 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.366 mW/g
SAR(1 g) = 0.269 mW/g; SAR(10 g) = 0.195 mW/g
Maximum value of SAR (measured) = 0.320 mW/g



P257 LTE 5_QPSK_10M_Rear Face_1cm_Ch20600_1RB_Offset 49_Earphone

DUT: 120626C35

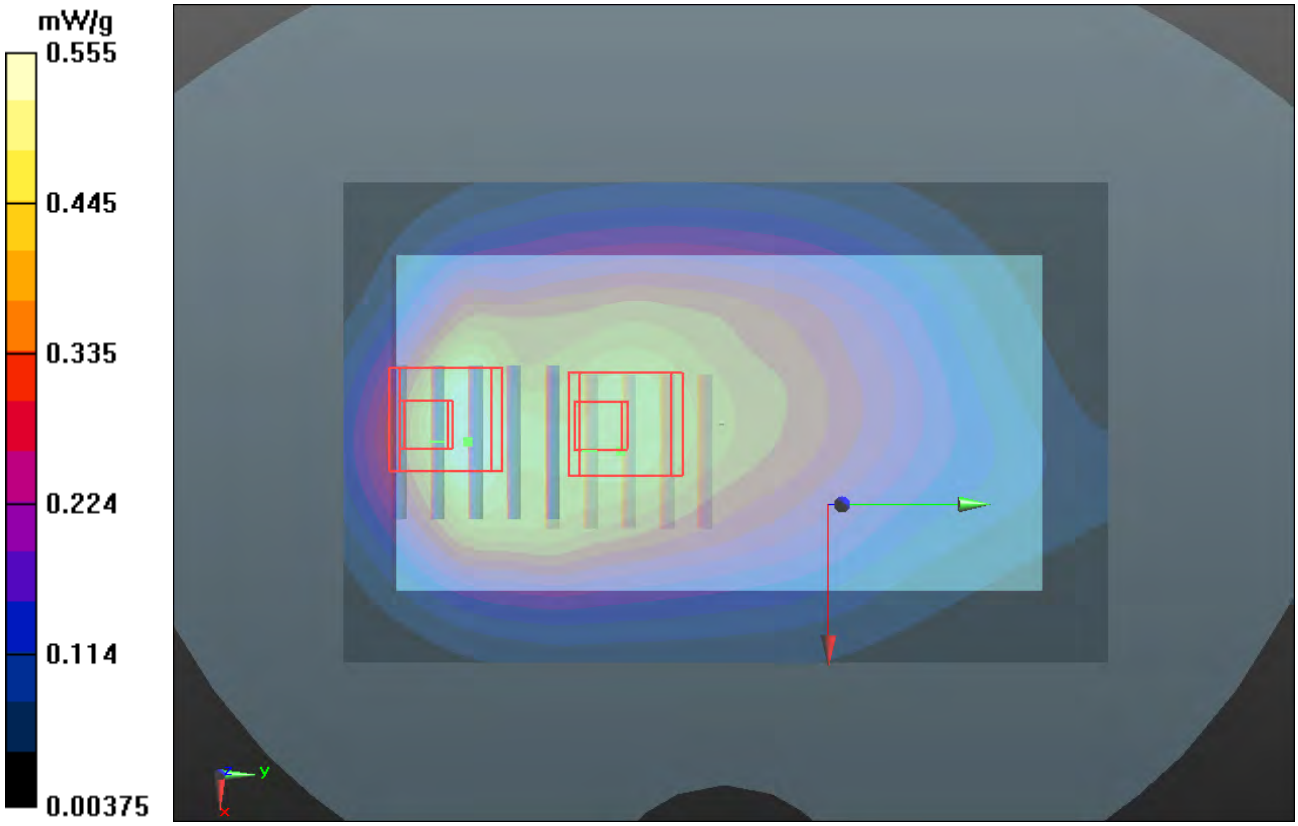
Communication System: LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0710 Medium parameters used: f = 844 MHz; σ = 0.988 mho/m; ε_r = 55.808; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20600/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.555 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.661 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.589 mW/g
SAR(1 g) = 0.427 mW/g; SAR(10 g) = 0.308 mW/g
Maximum value of SAR (measured) = 0.511 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.661 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.595 mW/g
SAR(1 g) = 0.358 mW/g; SAR(10 g) = 0.212 mW/g
Maximum value of SAR (measured) = 0.486 mW/g



P849 LTE 5_16QAM_10M_Front Face_1cm_Ch20600_1RB_offset 49_Earphone

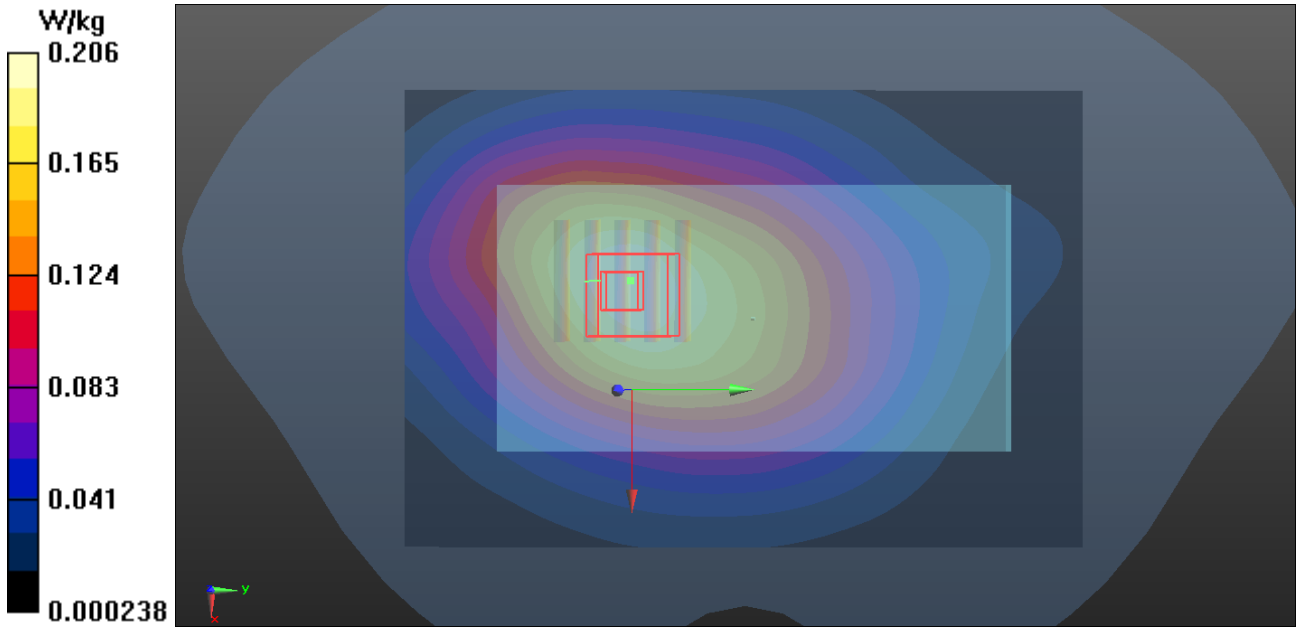
DUT: 120626C35

Communication System: LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_1024 Medium parameters used: f = 844 MHz; σ = 0.999 mho/m; ε_r = 56.636; ρ = 1000 kg/m^3
Ambient Temperature：21.3 ℃; Liquid Temperature：20.8 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2012/08/23
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1127
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch20600/Area Scan (61x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.206 W/kg

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.724 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.234 mW/g
SAR(1 g) = 0.177 mW/g; SAR(10 g) = 0.131 mW/g
Maximum value of SAR (measured) = 0.206 W/kg



P258 LTE 5_16QAM_10M_Rear Face_1cm_Ch20600_25RB_Offset 12_Earphone

DUT: 120626C35

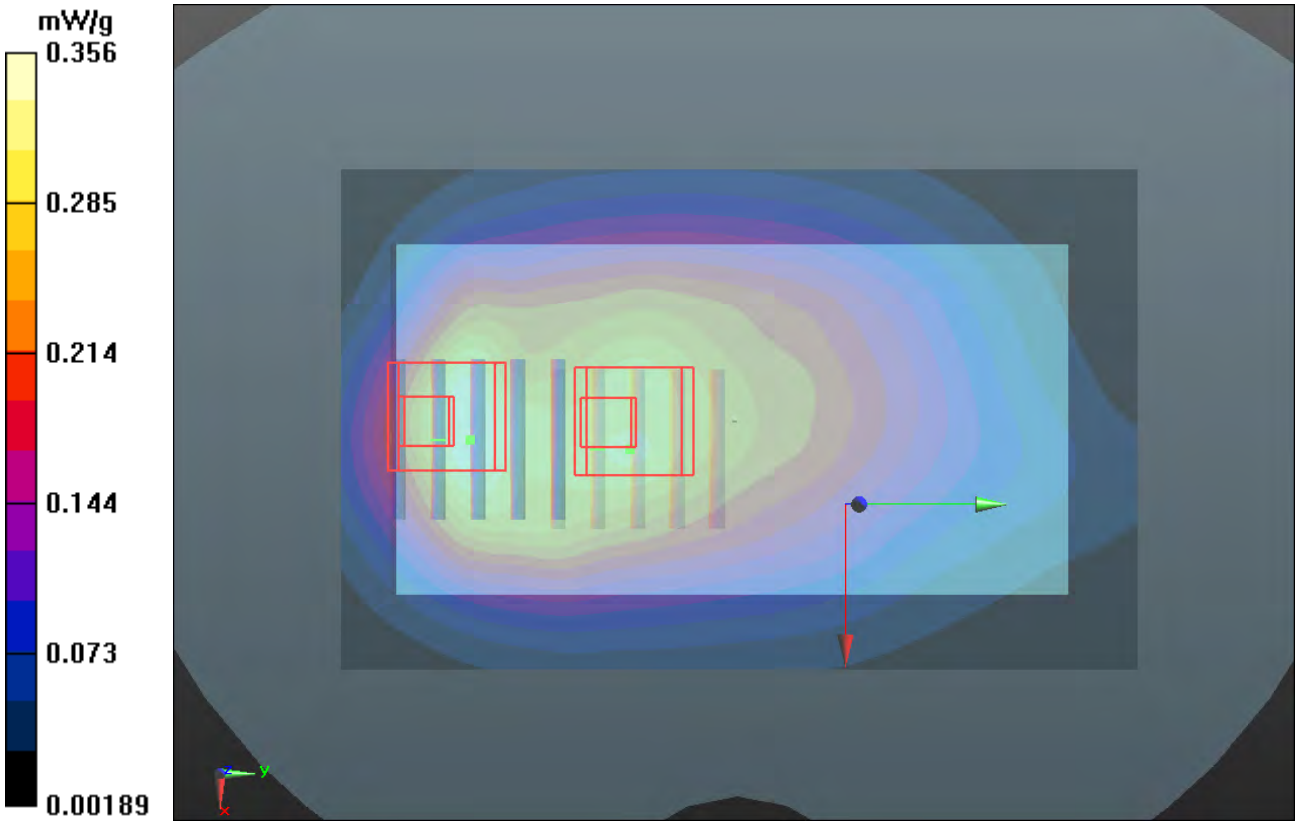
Communication System: LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0710 Medium parameters used: f = 844 MHz; σ = 0.988 mho/m; ε_r = 55.808; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20600/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.356 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.896 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.388 mW/g
SAR(1 g) = 0.281 mW/g; SAR(10 g) = 0.203 mW/g
Maximum value of SAR (measured) = 0.337 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.896 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.383 mW/g
SAR(1 g) = 0.230 mW/g; SAR(10 g) = 0.137 mW/g
Maximum value of SAR (measured) = 0.312 mW/g



P259 LTE 5_16QAM_10M_Rear Face_1cm_Ch20600_1RB_Offset 0_Earphone

DUT: 120626C35

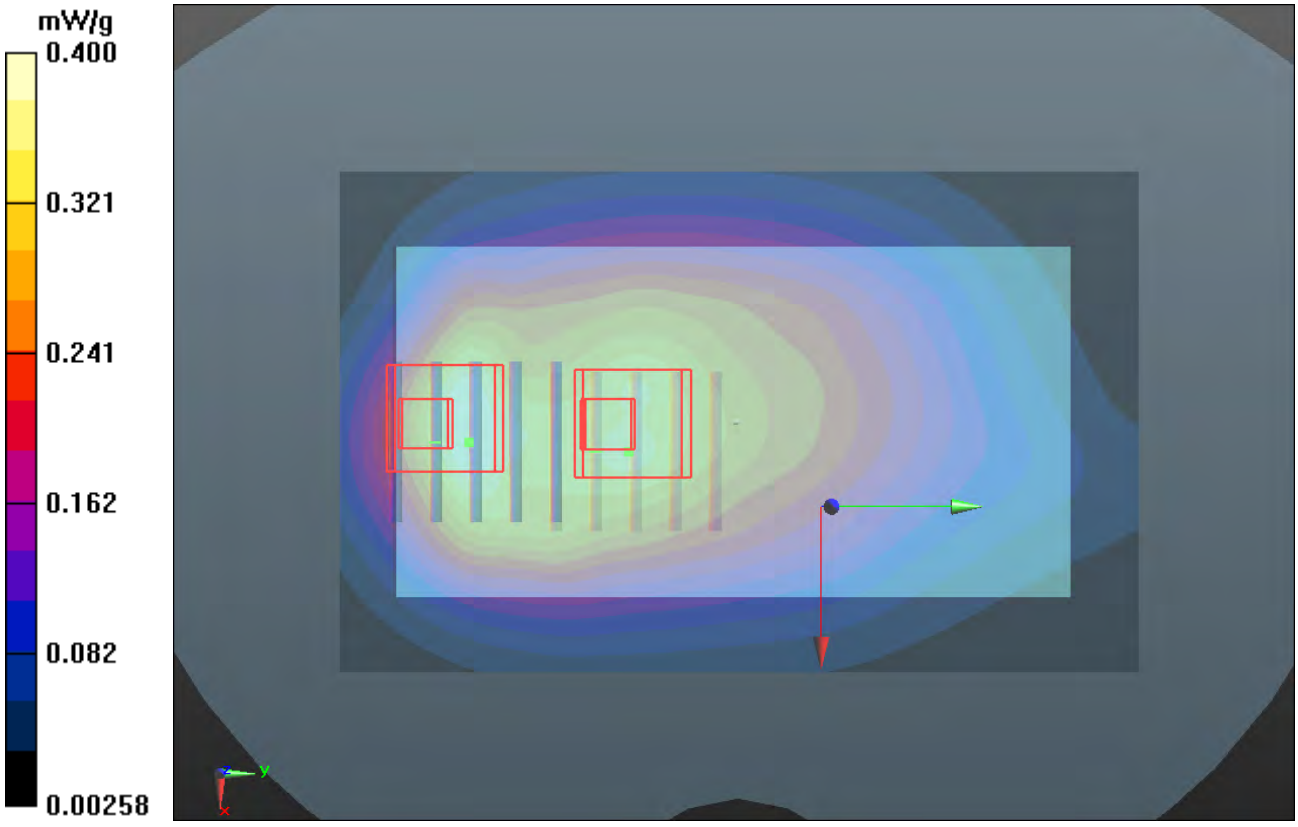
Communication System: LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0710 Medium parameters used: f = 844 MHz; σ = 0.988 mho/m; ε_r = 55.808; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20600/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.400 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.122 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.443 mW/g
SAR(1 g) = 0.322 mW/g; SAR(10 g) = 0.234 mW/g
Maximum value of SAR (measured) = 0.385 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.122 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.431 mW/g
SAR(1 g) = 0.259 mW/g; SAR(10 g) = 0.155 mW/g
Maximum value of SAR (measured) = 0.352 mW/g



P260 LTE 5_16QAM_10M_Rear Face_1cm_Ch20600_1RB_Offset 49_Earphone

DUT: 120626C35

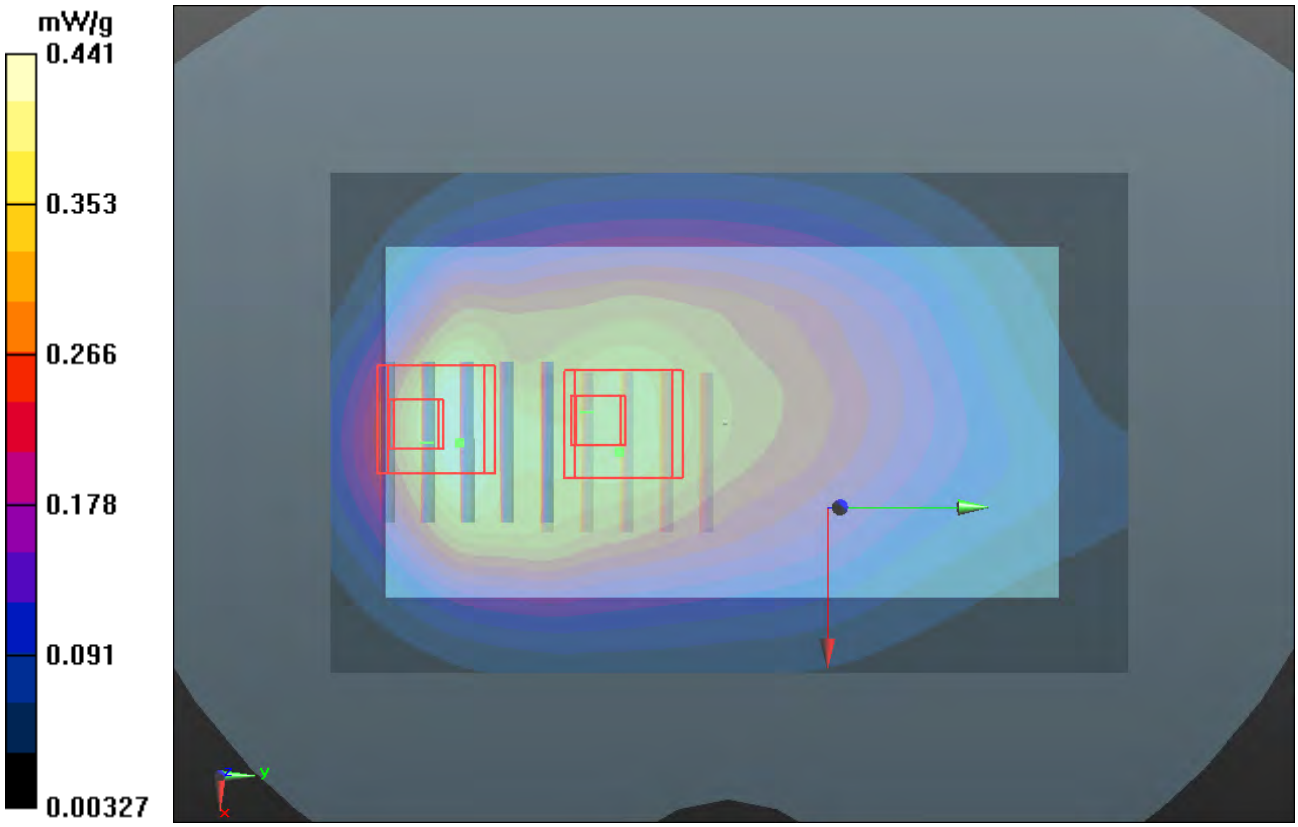
Communication System: LTE; Frequency: 844 MHz;Duty Cycle: 1:1
Medium: B835_0710 Medium parameters used: f = 844 MHz; σ = 0.988 mho/m; ε_r = 55.808; ρ = 1000 kg/m^3
Ambient Temperature：21.7 ℃; Liquid Temperature：20.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(10.47, 10.47, 10.47); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20600/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.441 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.495 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.469 mW/g
SAR(1 g) = 0.340 mW/g; SAR(10 g) = 0.245 mW/g
Maximum value of SAR (measured) = 0.407 mW/g

Ch20600/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.495 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.474 mW/g
SAR(1 g) = 0.286 mW/g; SAR(10 g) = 0.169 mW/g
Maximum value of SAR (measured) = 0.388 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/07/06

P261 LTE 4_QPSK_10M_Front Face_1cm_Ch20350_25RB_Offset12

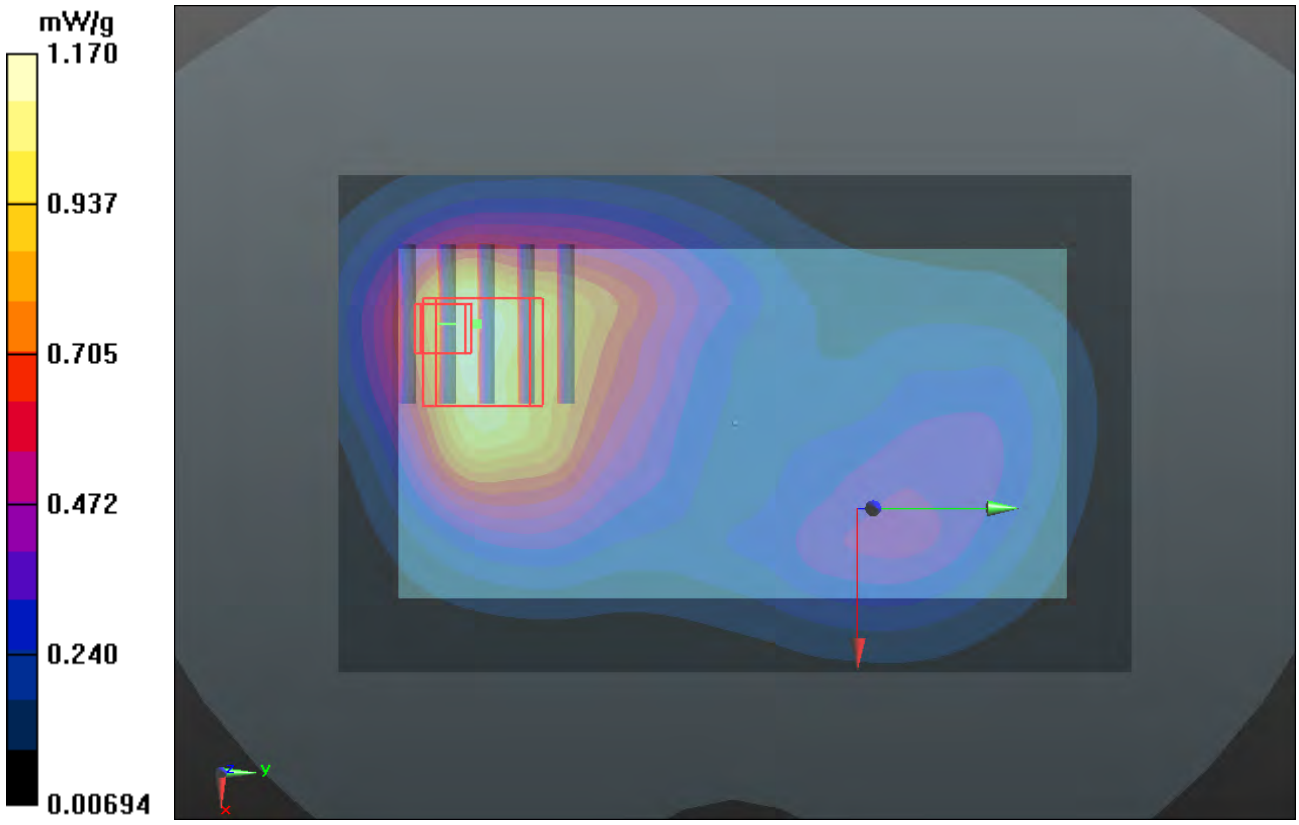
DUT: 120626C35

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: B1750_0706 Medium parameters used: f = 1750 MHz; σ = 1.468 mho/m; ε_r = 53.671; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.44, 8.44, 8.44); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20350/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.17 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.490 V/m; Power Drift = 0.181 dB
Peak SAR (extrapolated) = 1.145 mW/g
SAR(1 g) = 0.734 mW/g; SAR(10 g) = 0.484 mW/g
Maximum value of SAR (measured) = 0.955 mW/g



P262 LTE 4_QPSK_10M_Rear Face_1cm_Ch20350_25RB_Offset 12

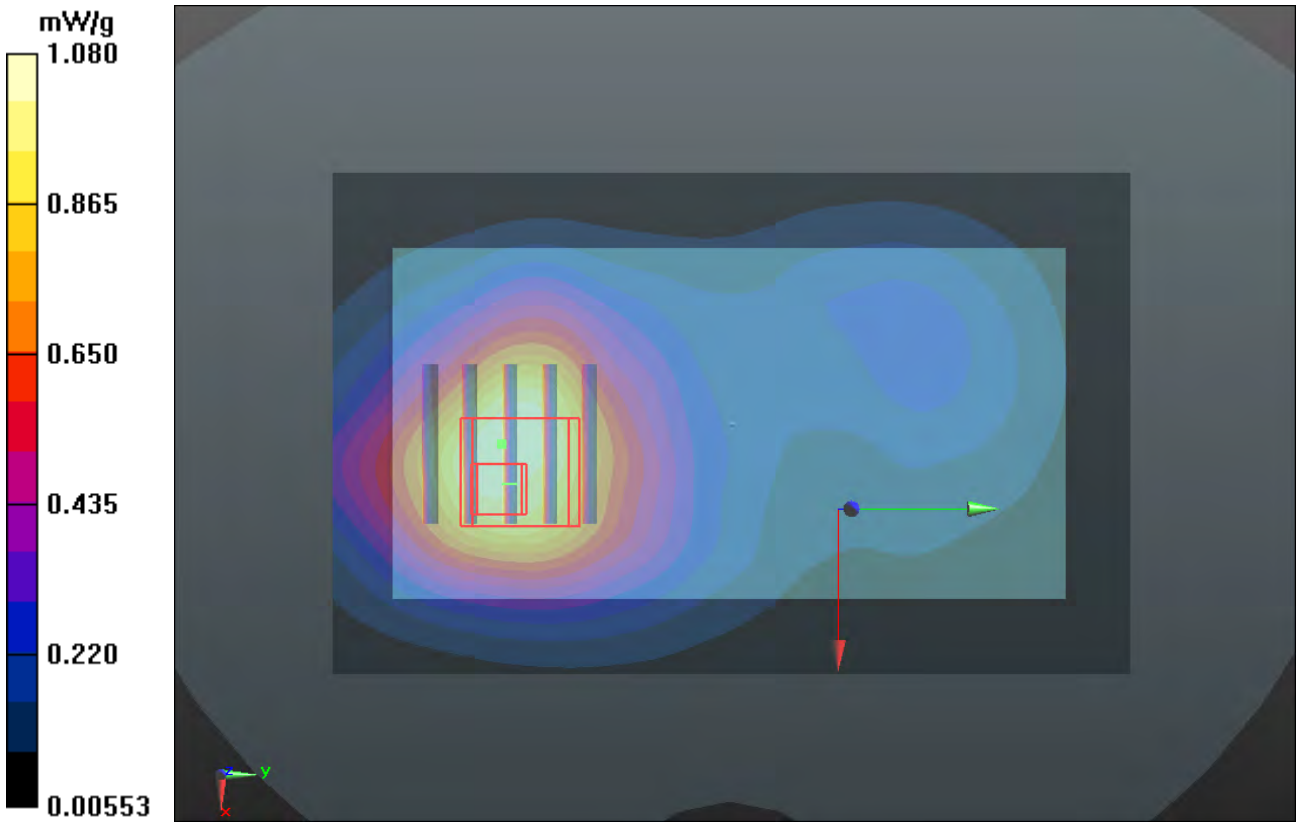
DUT: 120626C35

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: B1750_0706 Medium parameters used: f = 1750 MHz; σ = 1.468 mho/m; ε_r = 53.671; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.44, 8.44, 8.44); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20350/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.08 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.293 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.337 mW/g
SAR(1 g) = 0.867 mW/g; SAR(10 g) = 0.557 mW/g
Maximum value of SAR (measured) = 1.11 mW/g



P263 LTE 4_QPSK_10M_Left Side_1cm_Ch20350_25RB_Offset12

DUT: 120626C35

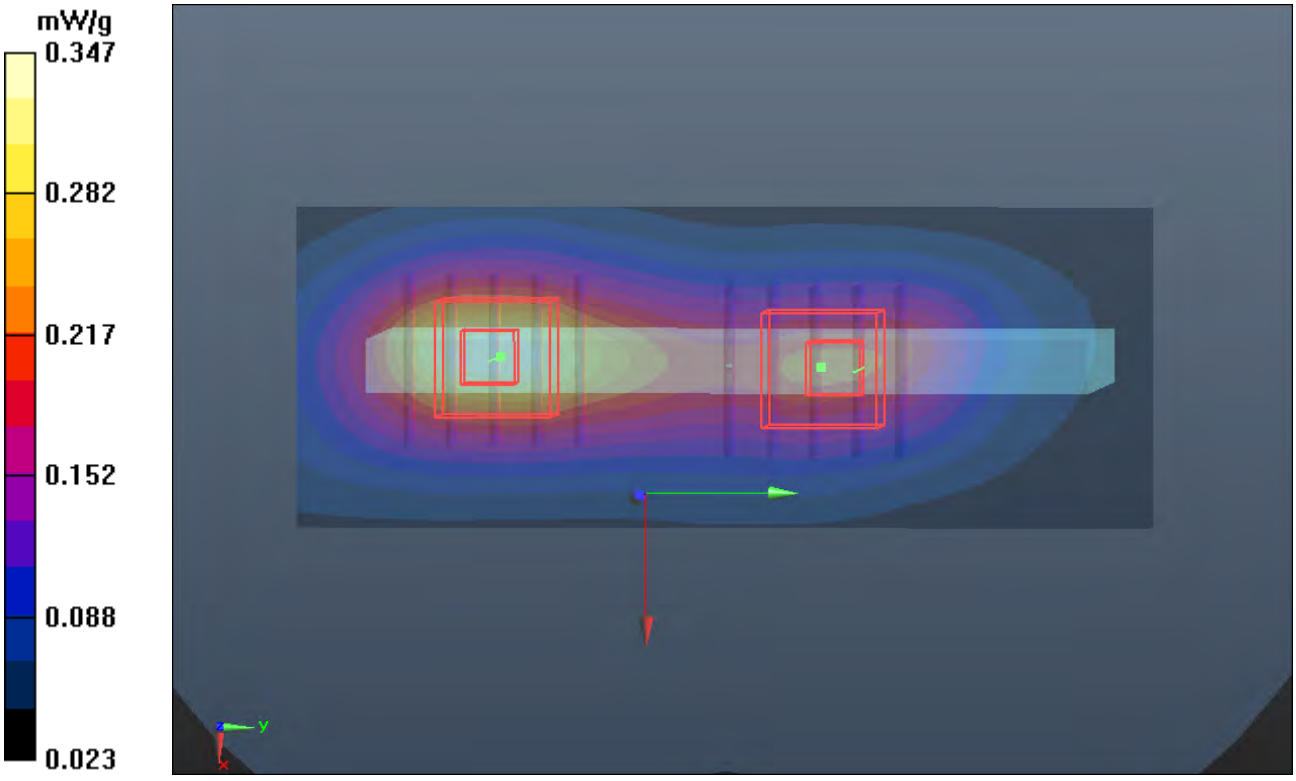
Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: B1750_0707 Medium parameters used: f = 1750 MHz; σ = 1.477 mho/m; ε_r = 52.379; ρ = 1000 kg/m^3
Ambient Temperature：21.9 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.44, 8.44, 8.44); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20350/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.347 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.391 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.413 mW/g
SAR(1 g) = 0.262 mW/g; SAR(10 g) = 0.159 mW/g
Maximum value of SAR (measured) = 0.342 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.391 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.263 mW/g
SAR(1 g) = 0.174 mW/g; SAR(10 g) = 0.112 mW/g
Maximum value of SAR (measured) = 0.221 mW/g



P264 LTE 4_QPSK_10M_Right Side_1cm_Ch20350_25RB_Offset12

DUT: 120626C35

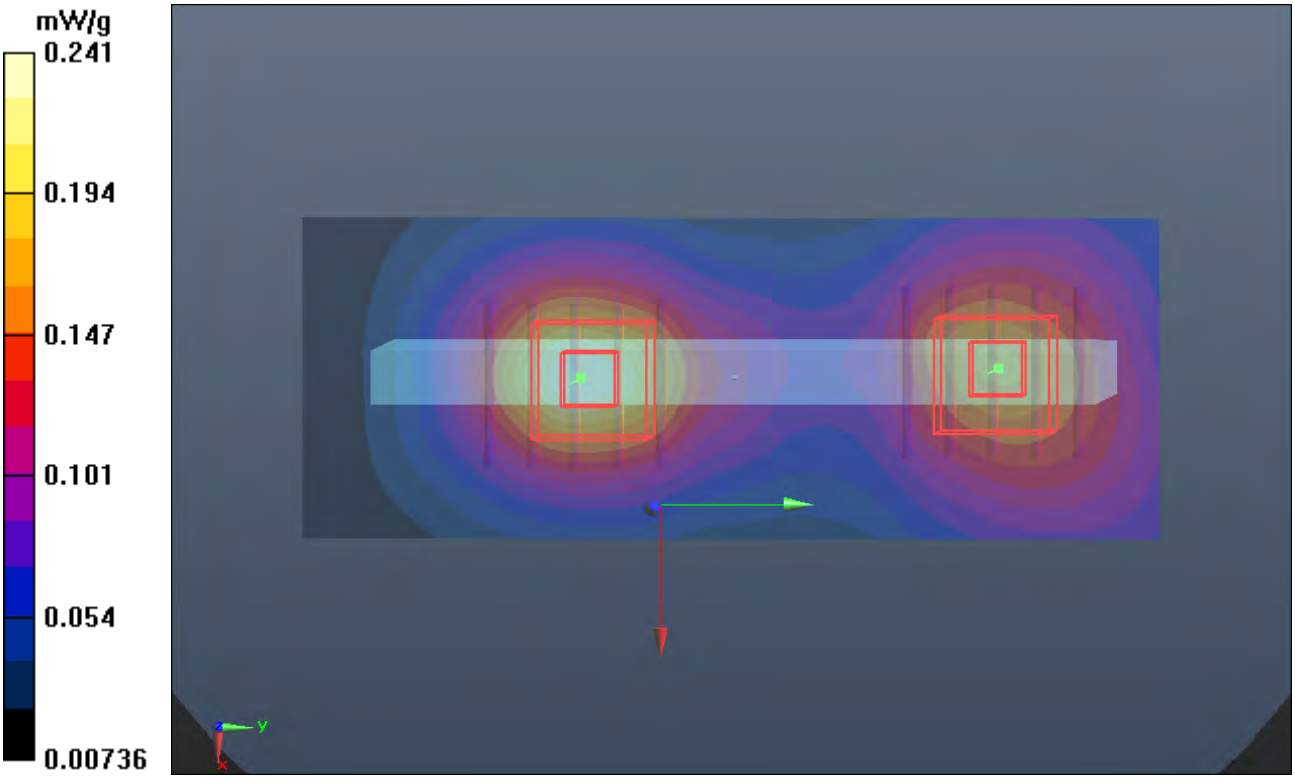
Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: B1750_0707 Medium parameters used: f = 1750 MHz; σ = 1.477 mho/m; ε_r = 52.379; ρ = 1000 kg/m^3
Ambient Temperature：21.9 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.44, 8.44, 8.44); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20350/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.241 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.469 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.286 mW/g
SAR(1 g) = 0.188 mW/g; SAR(10 g) = 0.118 mW/g
Maximum value of SAR (measured) = 0.241 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.469 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.230 mW/g
SAR(1 g) = 0.155 mW/g; SAR(10 g) = 0.100 mW/g
Maximum value of SAR (measured) = 0.196 mW/g



P266 LTE 4_QPSK_10M_Bottom Side_1cm_Ch20350_25RB_Offset12

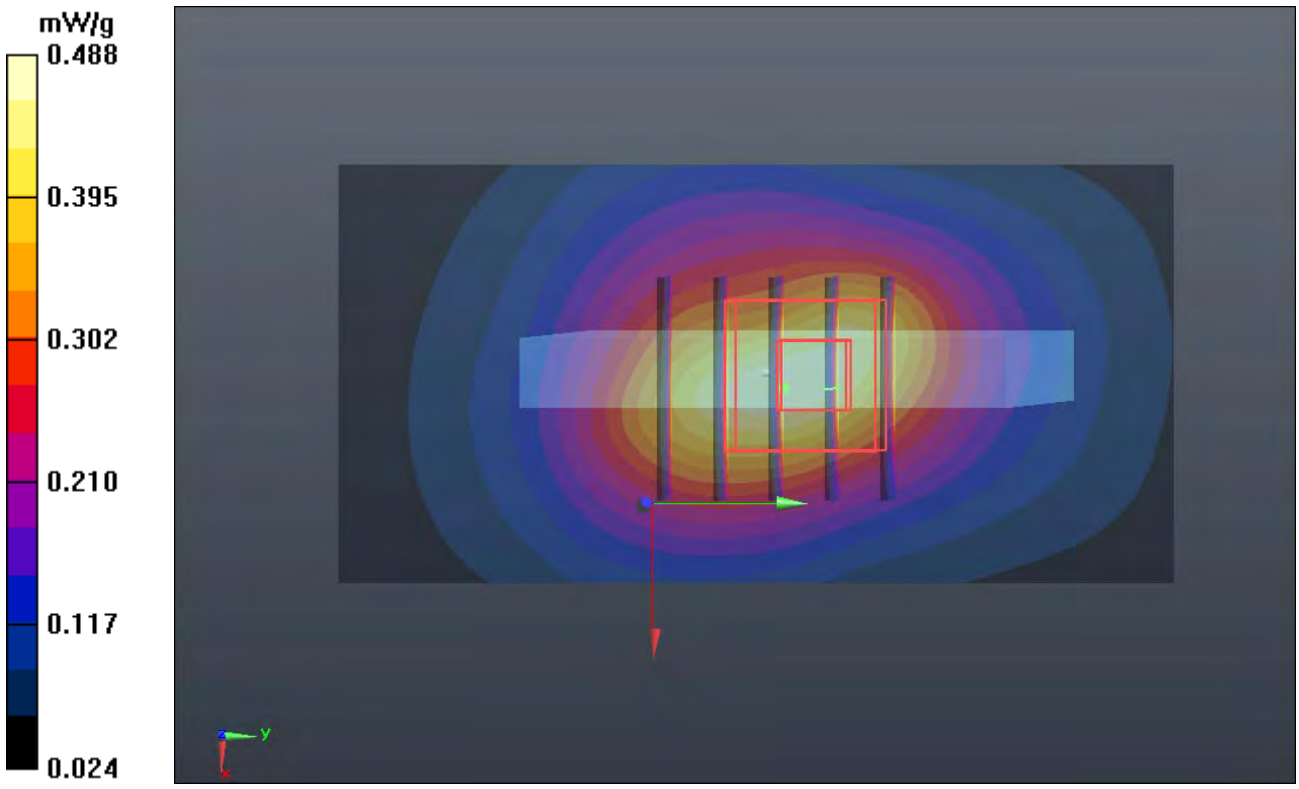
DUT: 120626C35

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: B1750_0707 Medium parameters used: f = 1750 MHz; σ = 1.477 mho/m; ε_r = 52.379; ρ = 1000 kg/m^3
Ambient Temperature：21.9 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.44, 8.44, 8.44); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20350/Area Scan (31x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.488 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.562 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.812 mW/g
SAR(1 g) = 0.503 mW/g; SAR(10 g) = 0.284 mW/g
Maximum value of SAR (measured) = 0.644 mW/g



P267 LTE 4_QPSK_10M_Front Face_1cm_Ch20350_1RB_Offset 0

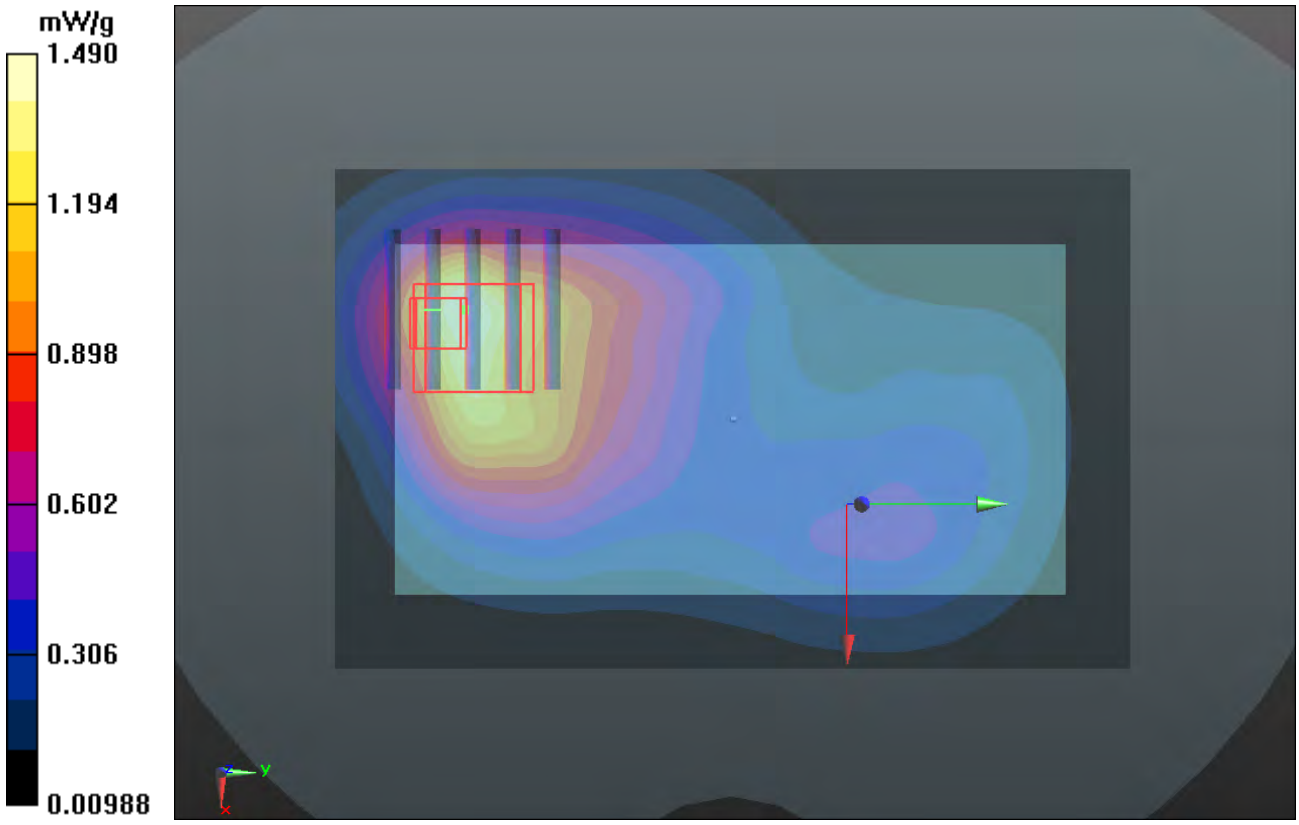
DUT: 120626C35

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: B1750_0706 Medium parameters used: f = 1750 MHz; σ = 1.468 mho/m; ε_r = 53.671; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.44, 8.44, 8.44); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20350/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.49 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.451 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.506 mW/g
SAR(1 g) = 0.955 mW/g; SAR(10 g) = 0.627 mW/g
Maximum value of SAR (measured) = 1.23 mW/g



P268 LTE 4_QPSK_10M_Rear Face_1cm_Ch20350_1RB_Offset 0

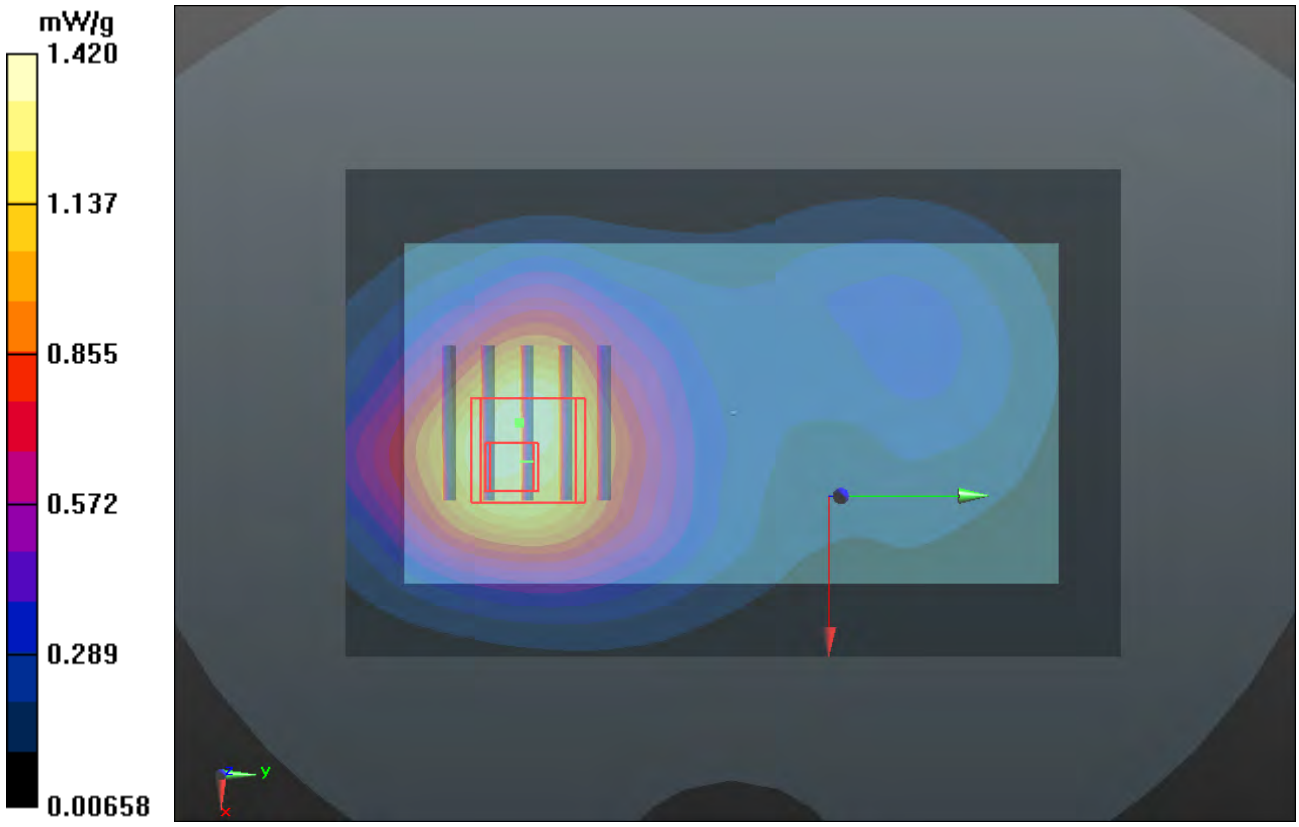
DUT: 120626C35

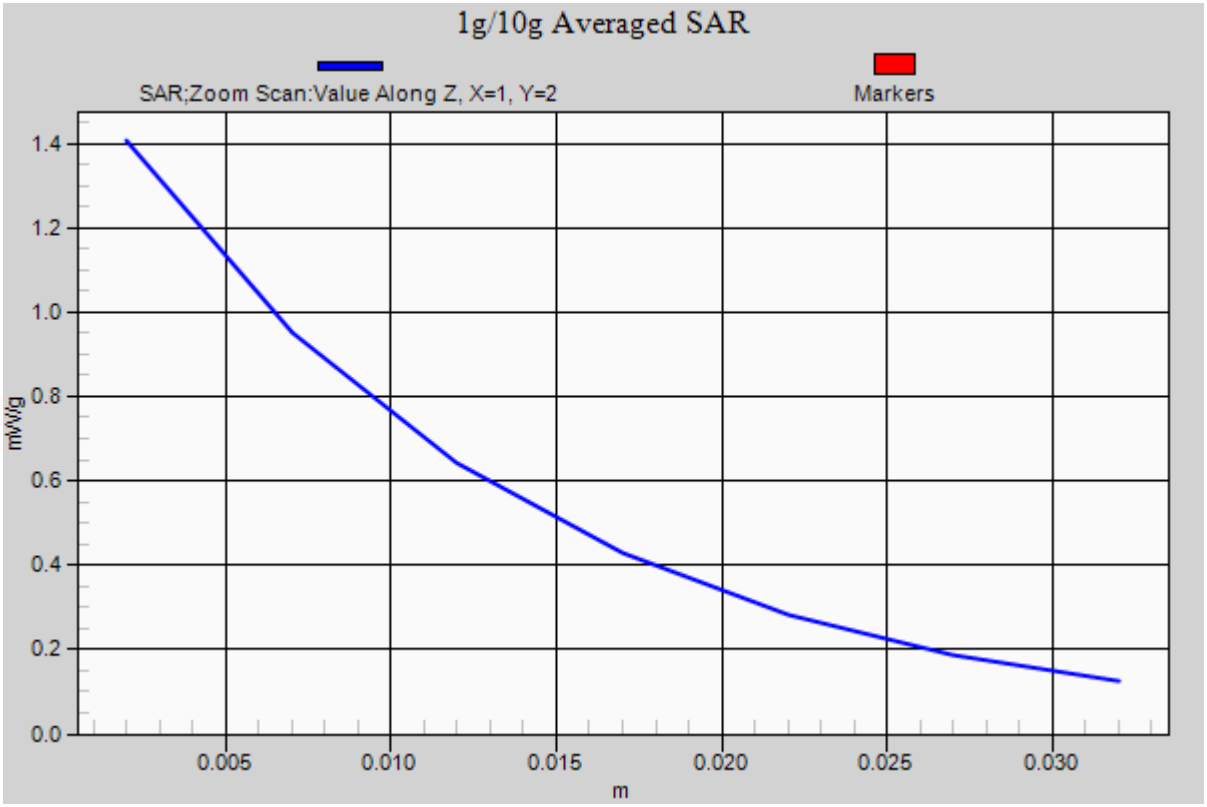
Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: B1750_0706 Medium parameters used: f = 1750 MHz; σ = 1.468 mho/m; ε_r = 53.671; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.44, 8.44, 8.44); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20350/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.42 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.855 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.724 mW/g
SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.729 mW/g
Maximum value of SAR (measured) = 1.41 mW/g




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=1, Y=2
Markers
mW/g
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
0.005
0.010
0.015
0.020
0.025
0.030
m

P269 LTE 4_QPSK_10M_Left Side_1cm_Ch20350_1RB_Offset0

DUT: 120626C35

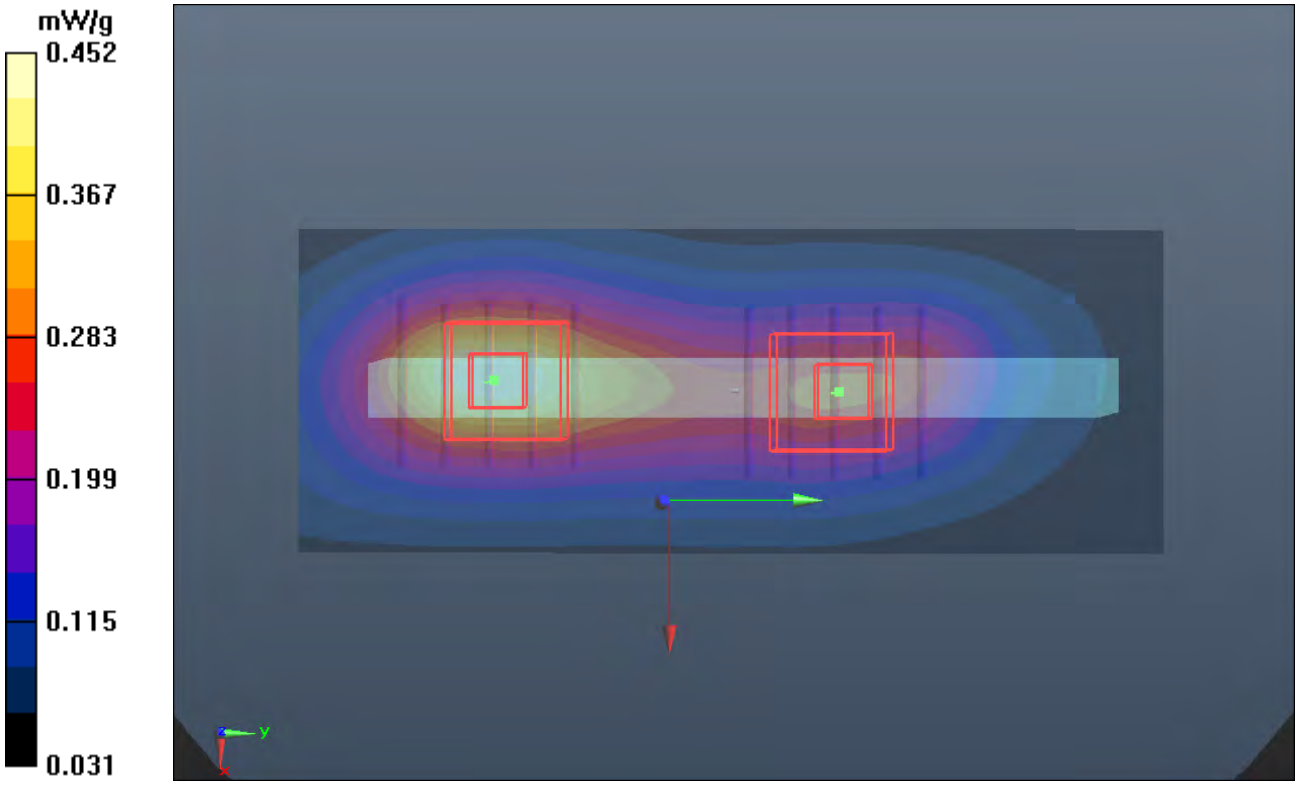
Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: B1750_0707 Medium parameters used: f = 1750 MHz; σ = 1.477 mho/m; ε_r = 52.379; ρ = 1000 kg/m^3
Ambient Temperature：21.9 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.44, 8.44, 8.44); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20350/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.452 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.992 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.552 mW/g
SAR(1 g) = 0.350 mW/g; SAR(10 g) = 0.213 mW/g
Maximum value of SAR (measured) = 0.459 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.992 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.351 mW/g
SAR(1 g) = 0.233 mW/g; SAR(10 g) = 0.148 mW/g
Maximum value of SAR (measured) = 0.298 mW/g



P270 LTE 4_QPSK_10M_Right Side_1cm_Ch20350_1RB_Offset0

DUT: 120626C35

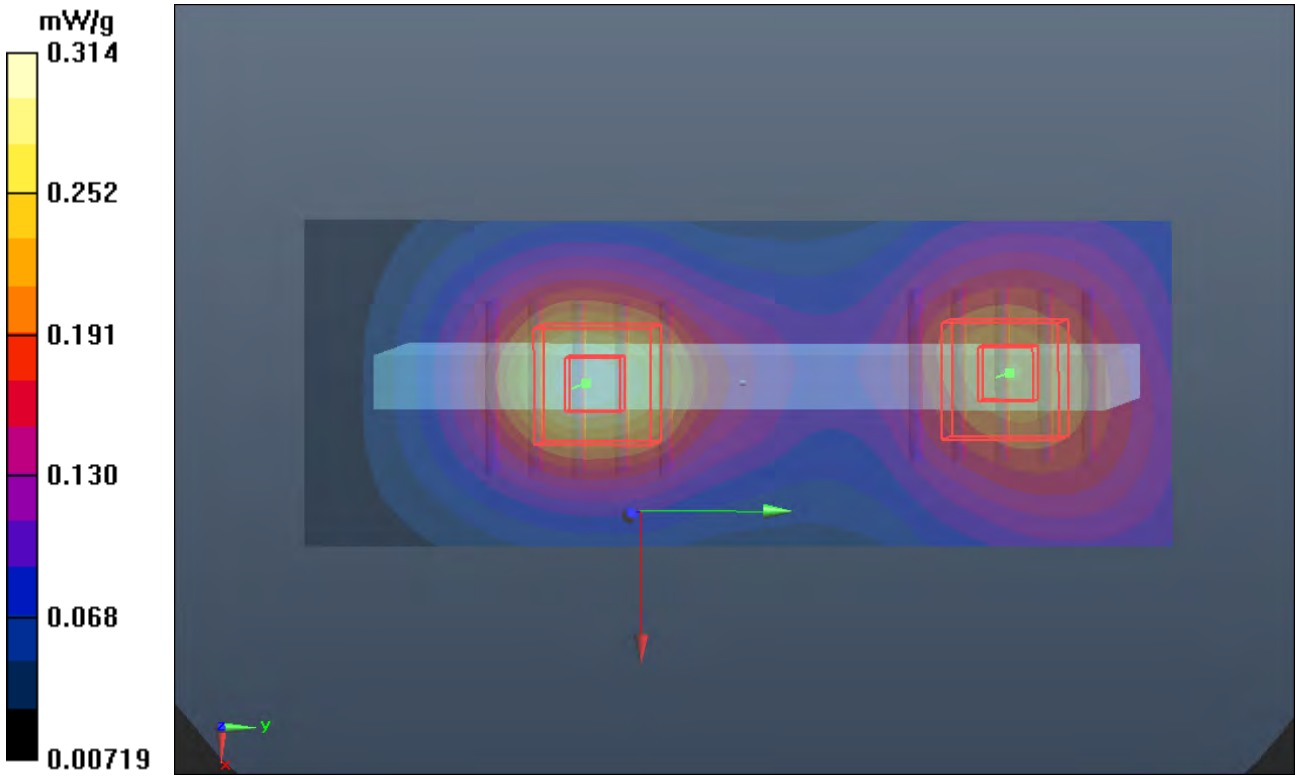
Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: B1750_0707 Medium parameters used: f = 1750 MHz; σ = 1.477 mho/m; ε_r = 52.379; ρ = 1000 kg/m^3
Ambient Temperature：21.9 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.44, 8.44, 8.44); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20350/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.314 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.797 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.375 mW/g
SAR(1 g) = 0.246 mW/g; SAR(10 g) = 0.155 mW/g
Maximum value of SAR (measured) = 0.316 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.797 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.296 mW/g
SAR(1 g) = 0.199 mW/g; SAR(10 g) = 0.129 mW/g
Maximum value of SAR (measured) = 0.252 mW/g



P272 LTE 4_QPSK_10M_Bottom Side_1cm_Ch20350_1RB_Offset0

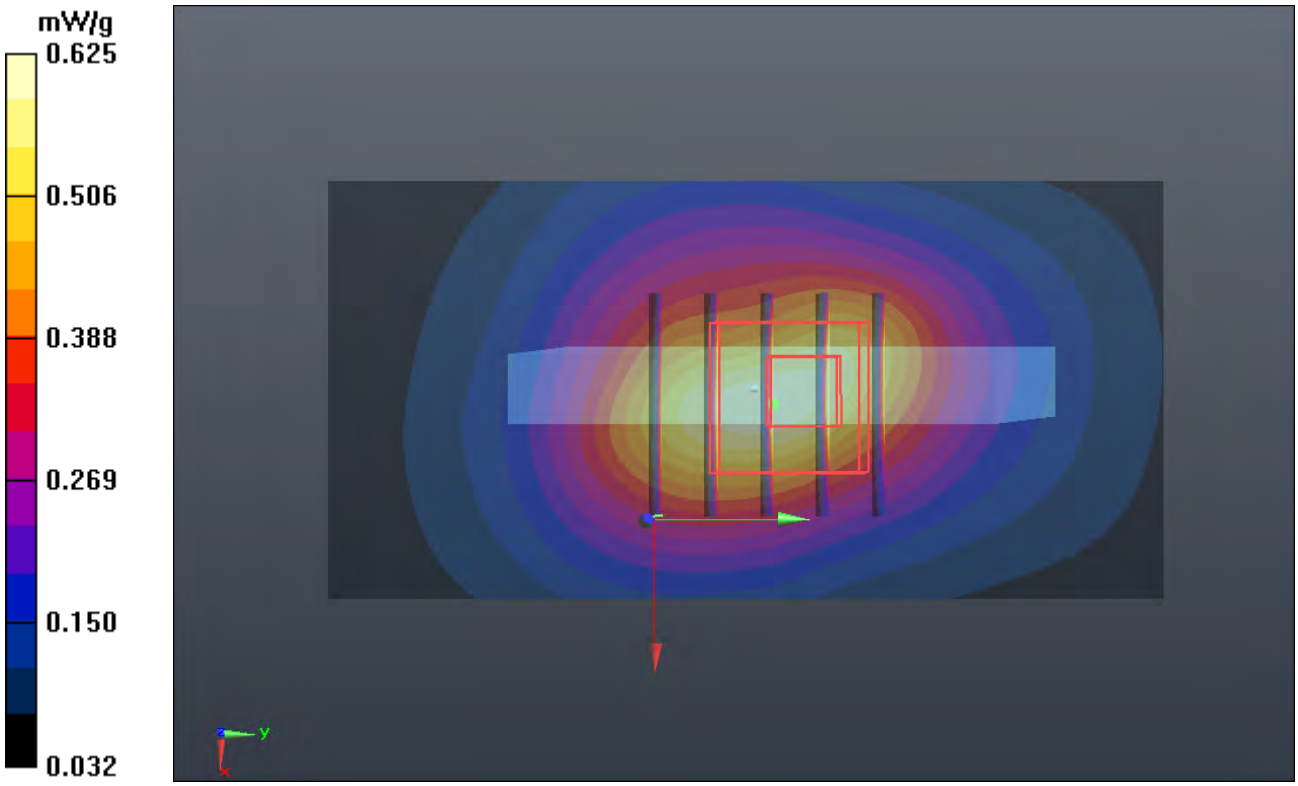
DUT: 120626C35

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: B1750_0707 Medium parameters used: f = 1750 MHz; σ = 1.477 mho/m; ε_r = 52.379; ρ = 1000 kg/m^3
Ambient Temperature：21.9 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.44, 8.44, 8.44); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20350/Area Scan (31x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.625 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.304 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.015 mW/g
SAR(1 g) = 0.635 mW/g; SAR(10 g) = 0.361 mW/g
Maximum value of SAR (measured) = 0.815 mW/g



P273 LTE 4_QPSK_10M_Front Face_1cm_Ch20350_1RB_Offset 49

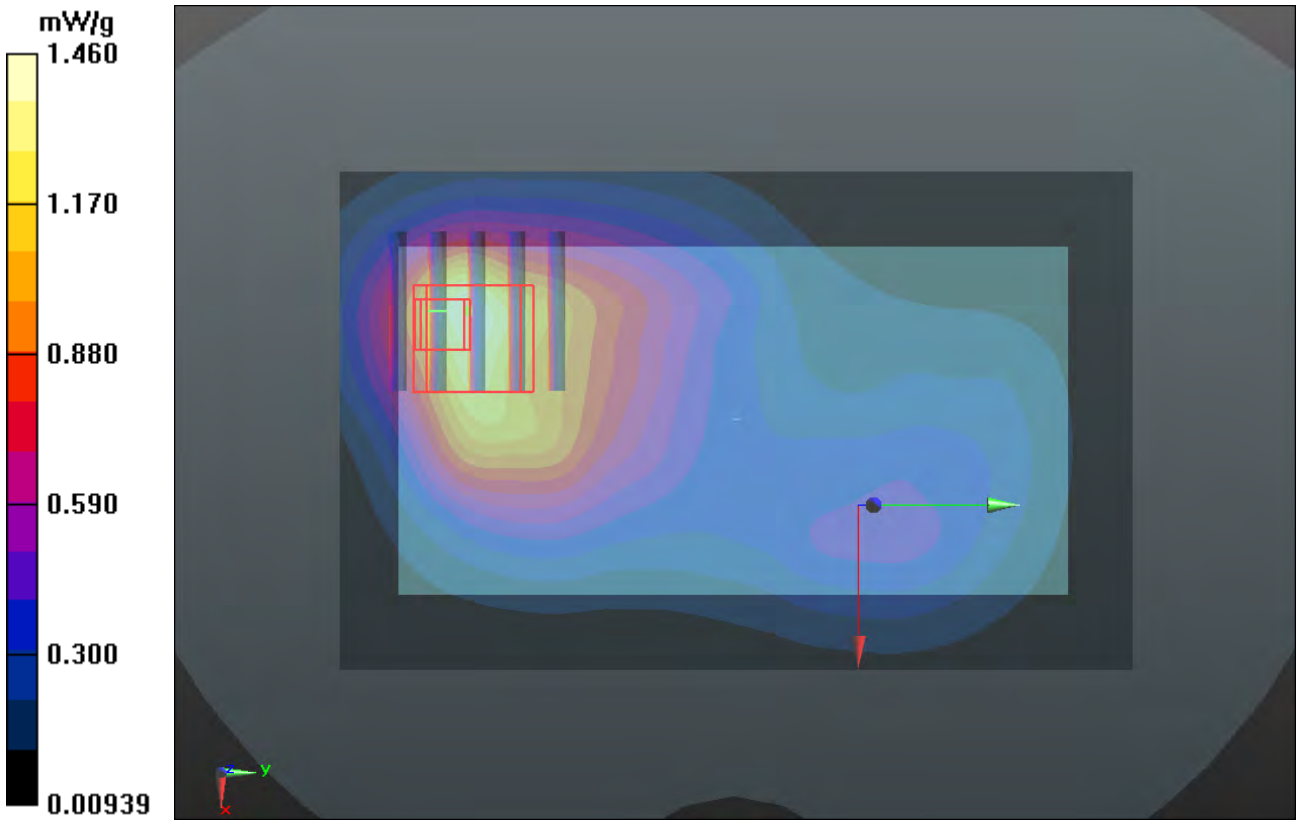
DUT: 120626C35

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: B1750_0706 Medium parameters used: f = 1750 MHz; σ = 1.468 mho/m; ε_r = 53.671; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.44, 8.44, 8.44); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20350/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.46 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.570 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.512 mW/g
SAR(1 g) = 0.944 mW/g; SAR(10 g) = 0.612 mW/g
Maximum value of SAR (measured) = 1.23 mW/g



P274 LTE 4_QPSK_10M_Rear Face_1cm_Ch20350_1RB_Offset 49

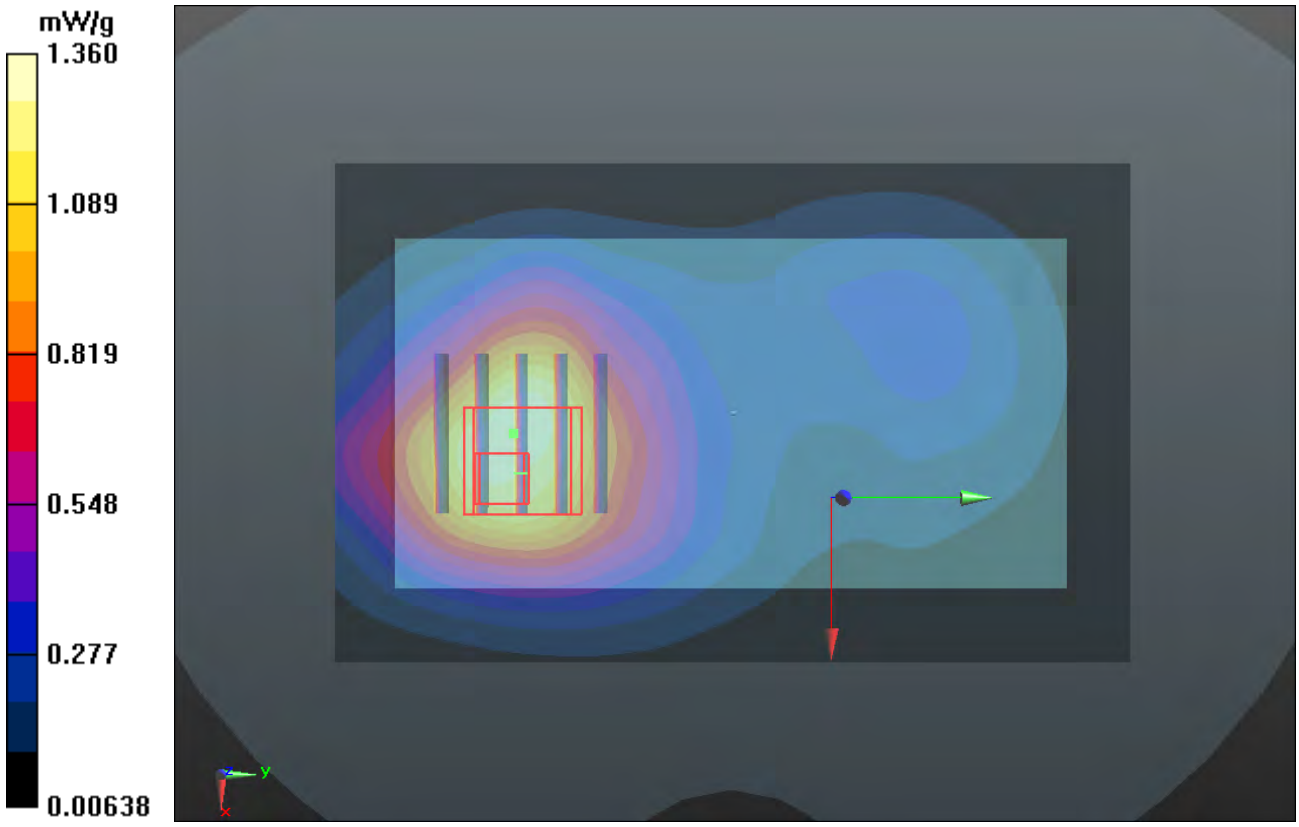
DUT: 120626C35

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: B1750_0706 Medium parameters used: f = 1750 MHz; σ = 1.468 mho/m; ε_r = 53.671; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.44, 8.44, 8.44); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20350/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.36 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.819 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.678 mW/g
SAR(1 g) = 1.09 mW/g; SAR(10 g) = 0.699 mW/g
Maximum value of SAR (measured) = 1.37 mW/g



P275 LTE 4_QPSK_10M_Left Side_1cm_Ch20350_1RB_Offset49

DUT: 120626C35

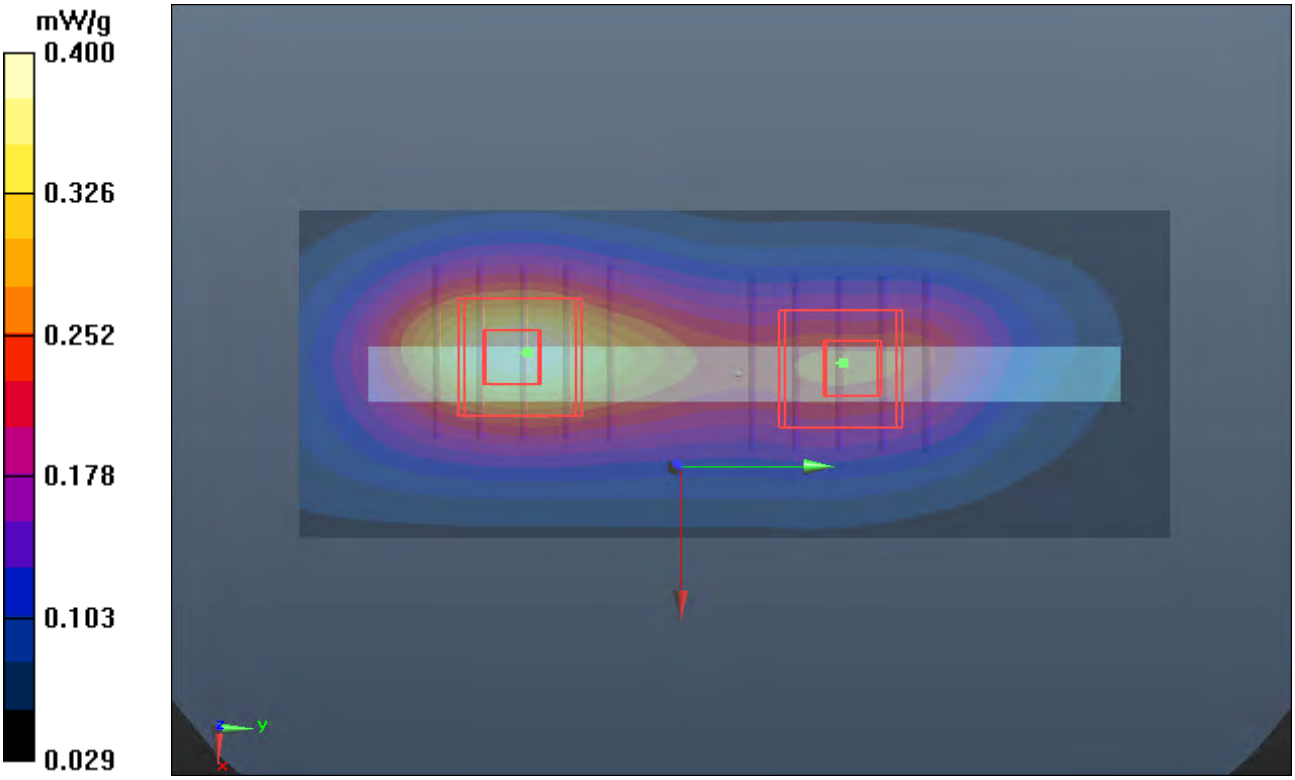
Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: B1750_0707 Medium parameters used: f = 1750 MHz; σ = 1.477 mho/m; ε_r = 52.379; ρ = 1000 kg/m^3
Ambient Temperature：21.9 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.44, 8.44, 8.44); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20350/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.400 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.272 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.475 mW/g
SAR(1 g) = 0.302 mW/g; SAR(10 g) = 0.184 mW/g
Maximum value of SAR (measured) = 0.392 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.272 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.306 mW/g
SAR(1 g) = 0.203 mW/g; SAR(10 g) = 0.130 mW/g
Maximum value of SAR (measured) = 0.258 mW/g



P276 LTE 4_QPSK_10M_Right Side_1cm_Ch20350_1RB_Offset49

DUT: 120626C35

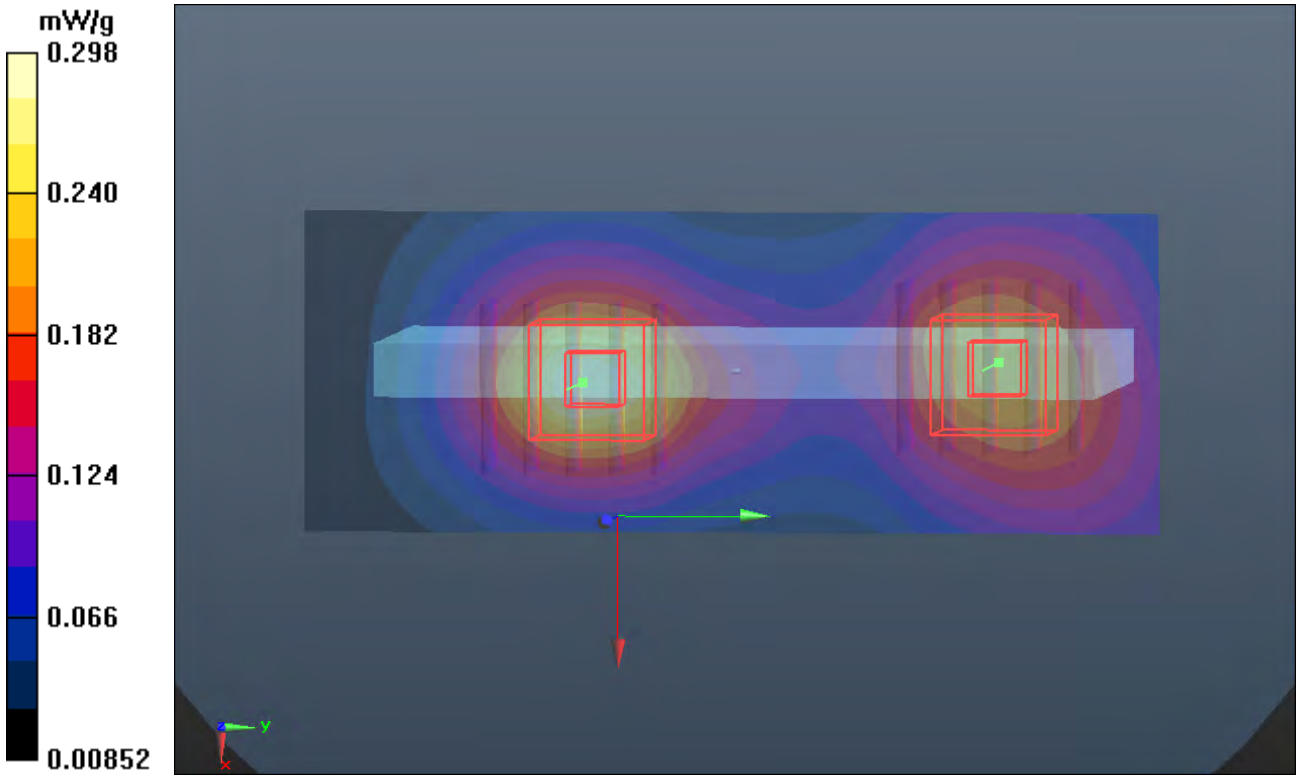
Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: B1750_0707 Medium parameters used: f = 1750 MHz; σ = 1.477 mho/m; ε_r = 52.379; ρ = 1000 kg/m^3
Ambient Temperature：21.9 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.44, 8.44, 8.44); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20350/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.298 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.665 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.350 mW/g
SAR(1 g) = 0.230 mW/g; SAR(10 g) = 0.145 mW/g
Maximum value of SAR (measured) = 0.292 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.665 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.292 mW/g
SAR(1 g) = 0.197 mW/g; SAR(10 g) = 0.127 mW/g
Maximum value of SAR (measured) = 0.247 mW/g



P278 LTE 4_QPSK_10M_Bottom Side_1cm_Ch20350_1RB_Offset49

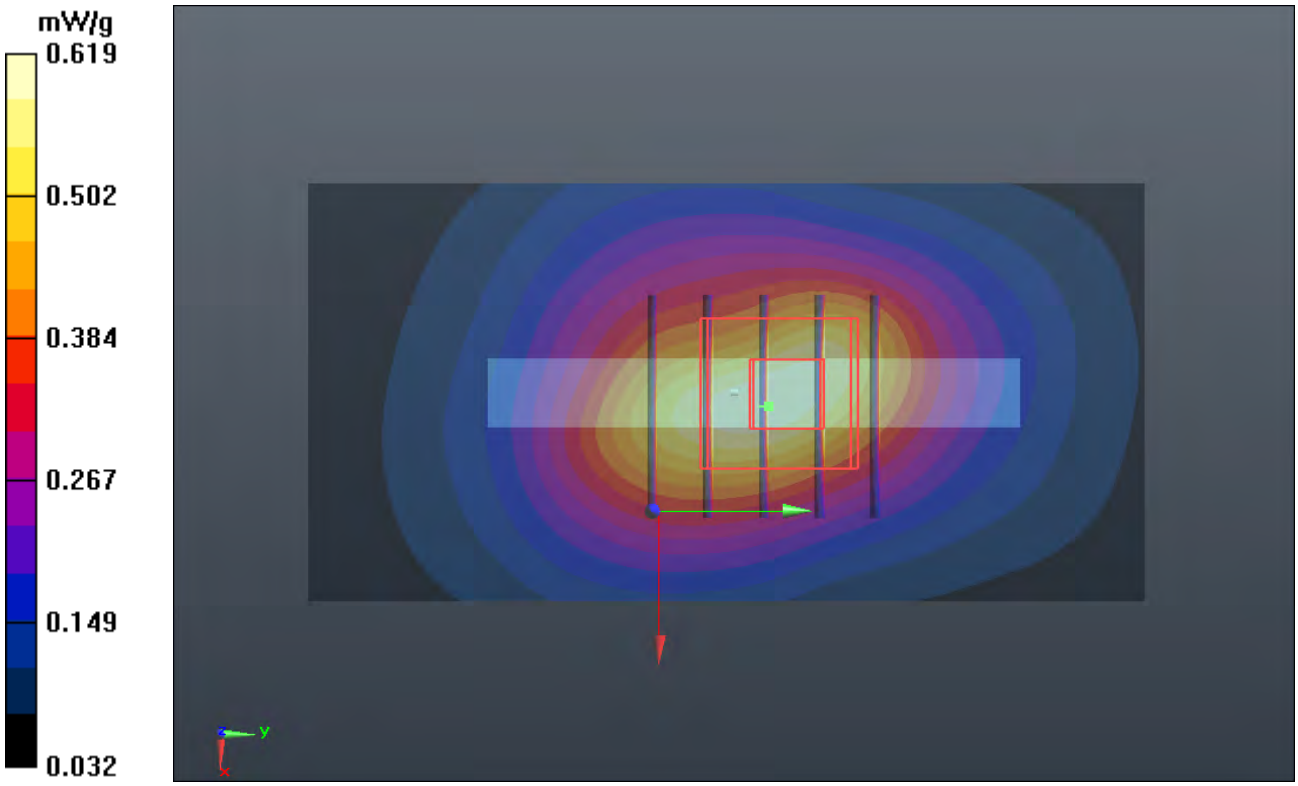
DUT: 120626C35

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: B1750_0707 Medium parameters used: f = 1750 MHz; σ = 1.477 mho/m; ε_r = 52.379; ρ = 1000 kg/m^3
Ambient Temperature：21.9 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.44, 8.44, 8.44); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20350/Area Scan (31x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.619 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.172 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.037 mW/g
SAR(1 g) = 0.643 mW/g; SAR(10 g) = 0.362 mW/g
Maximum value of SAR (measured) = 0.835 mW/g



P866 LTE 4_16QAM_10M_Front Face_1cm_Ch20350_1RB Offse 0

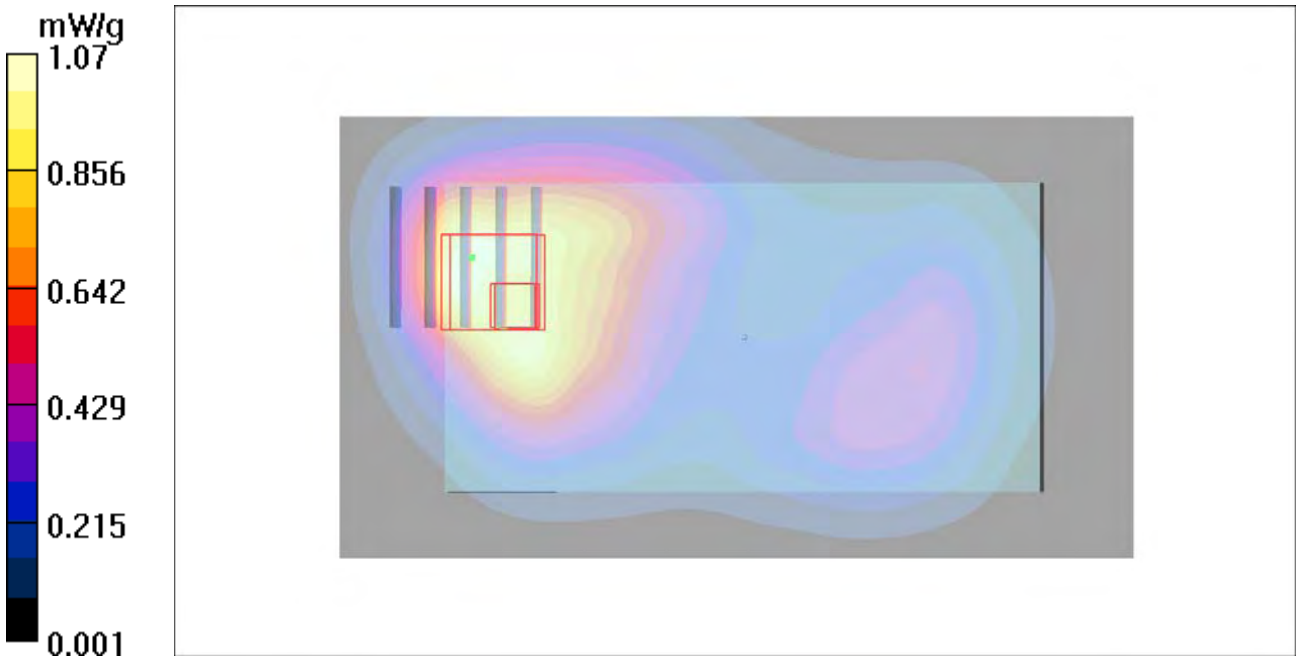
DUT: 126026C35

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: B1750_1022 Medium parameters used: f = 1750 MHz; σ = 1.47 mho/m; ε_r = 53.8; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃; Liquid Temperature：20.2 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.44, 8.44, 8.44); Calibrated: 2011/12/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.07 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.1 V/m; Power Drift = -0.110 dB
Peak SAR (extrapolated) = 1.10 W/kg
SAR(1 g) = 0.713 mW/g; SAR(10 g) = 0.473 mW/g
Maximum value of SAR (measured) = 0.910 mW/g



P322 LTE 4_QPSK_10M_Rear Face_1cm_Ch20000_25RB_Offset 12

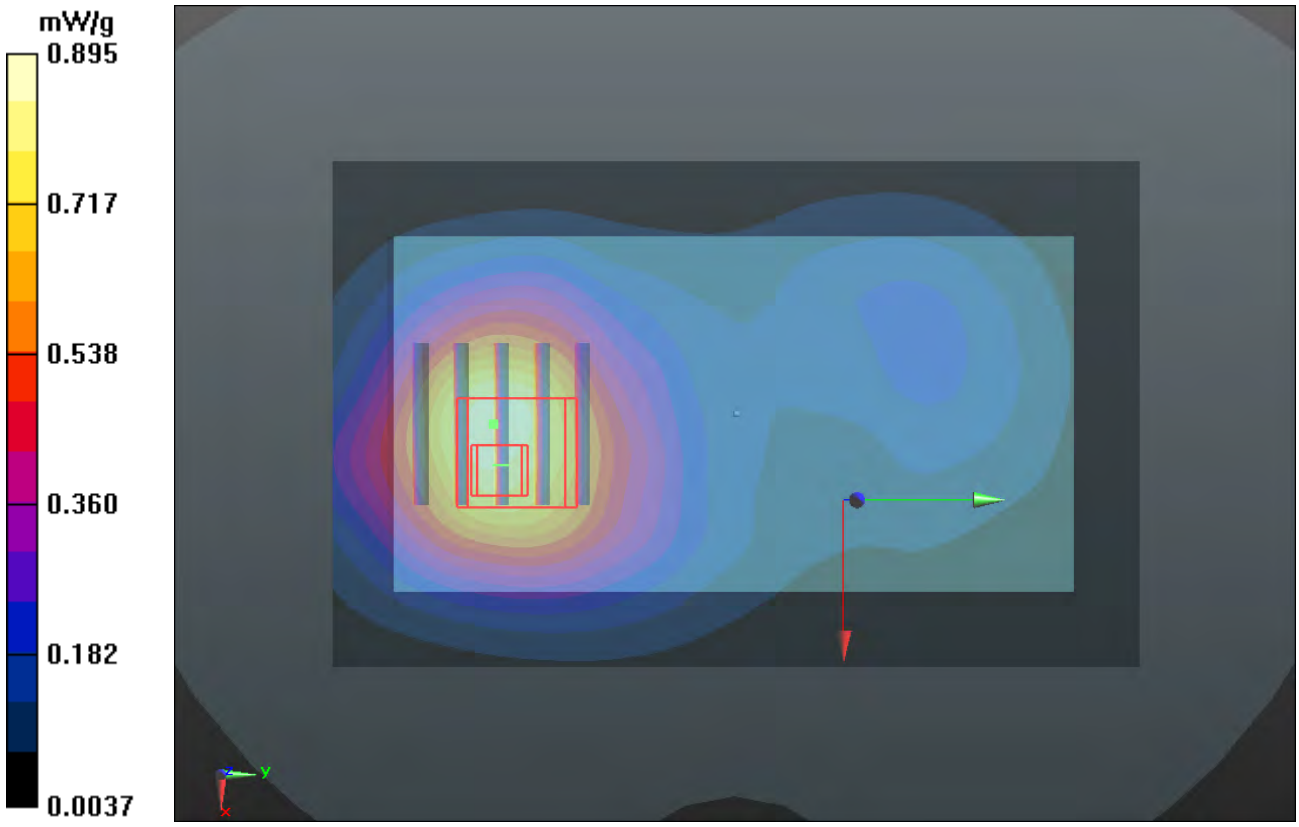
DUT: 120626C35

Communication System: LTE; Frequency: 1715 MHz;Duty Cycle: 1:1
Medium: B1750_0706 Medium parameters used: f = 1715 MHz; σ = 1.432 mho/m; ε_r = 53.756; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.44, 8.44, 8.44); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20000/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.895 mW/g

Ch20000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.184 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.062 mW/g
SAR(1 g) = 0.697 mW/g; SAR(10 g) = 0.450 mW/g
Maximum value of SAR (measured) = 0.891 mW/g



P323 LTE 4_QPSK_10M_Rear Face_1cm_Ch20175_25RB_Offset 12

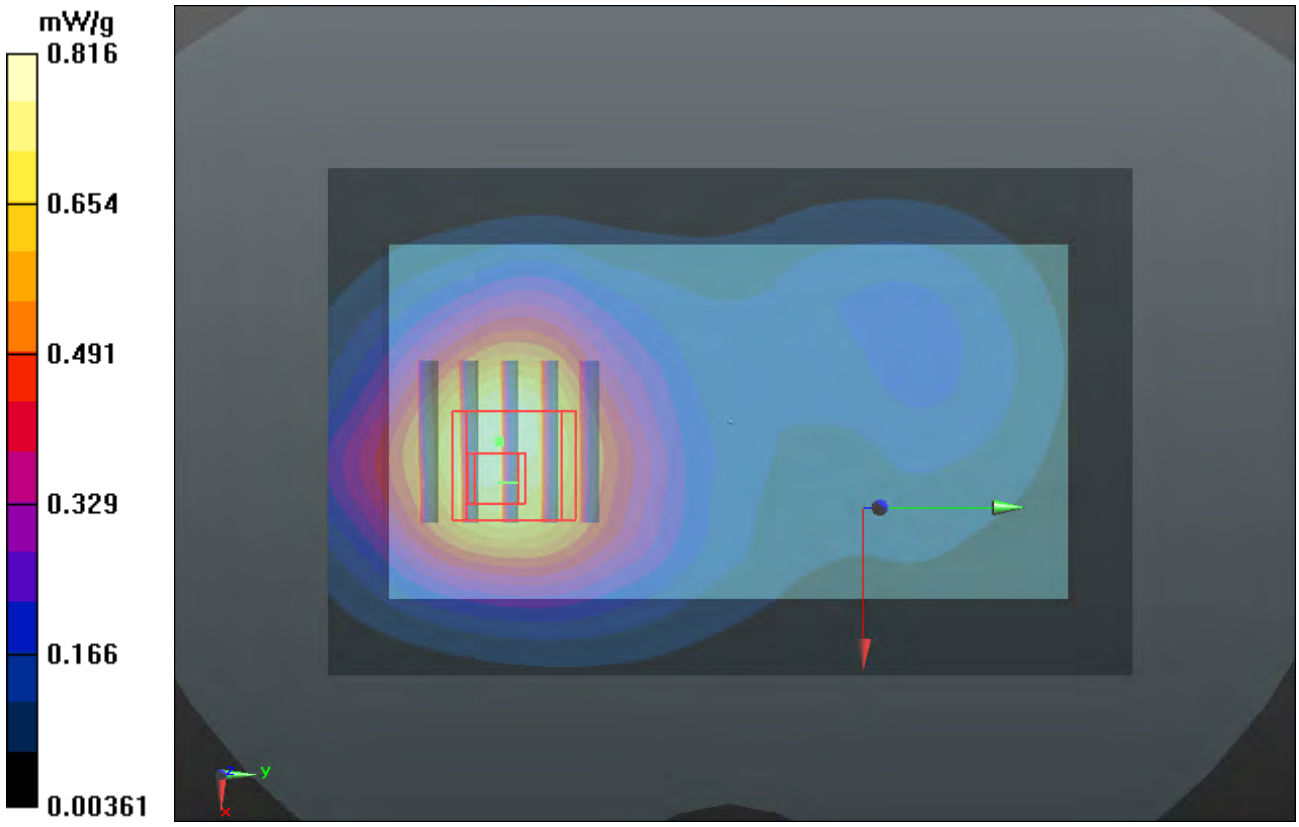
DUT: 120626C35

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: B1750_0706 Medium parameters used: f = 1732.5 MHz; σ = 1.451 mho/m; ε_r = 53.712; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.44, 8.44, 8.44); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20175/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.816 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.162 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.006 mW/g
SAR(1 g) = 0.658 mW/g; SAR(10 g) = 0.423 mW/g
Maximum value of SAR (measured) = 0.836 mW/g



P279 LTE 4_16QAM_10M_Rear Face_1cm_Ch20350_25RB_Offset12

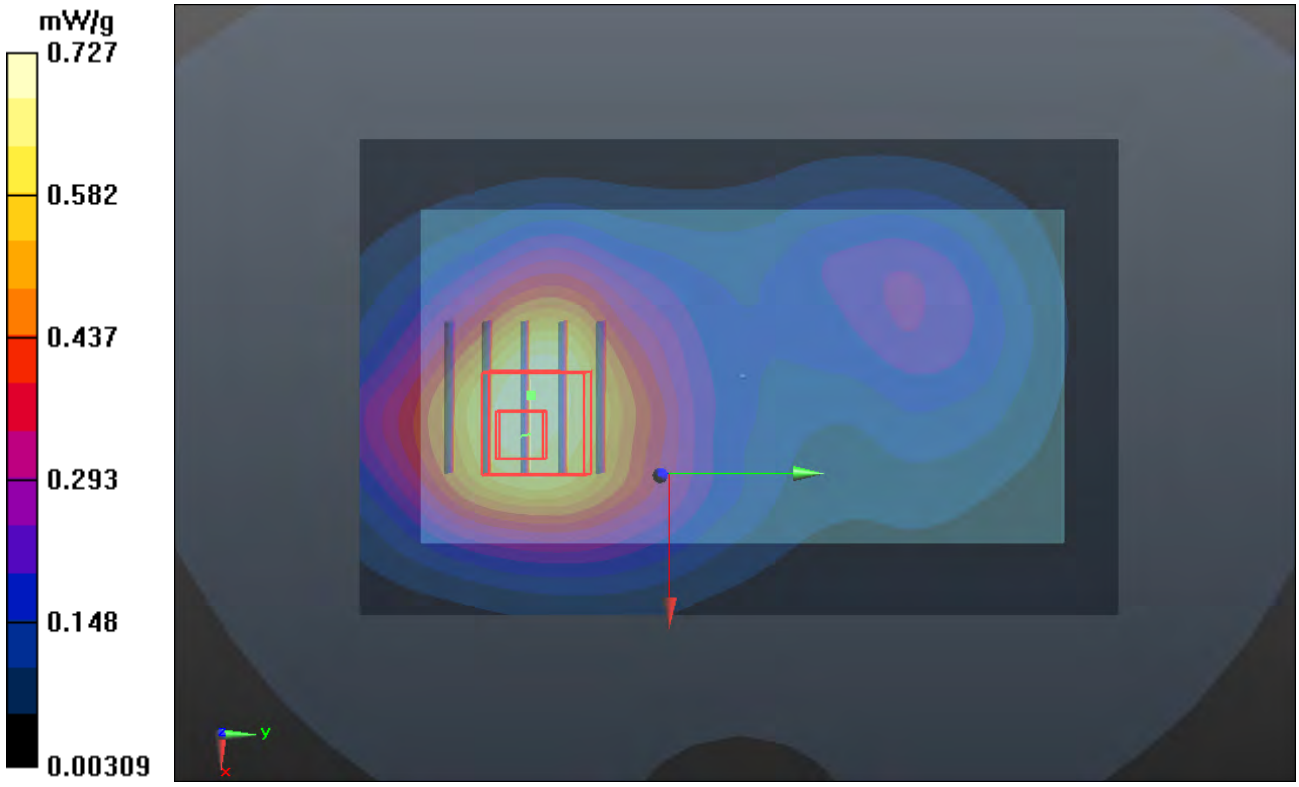
DUT: 120626C35

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: B1750_0707 Medium parameters used: f = 1750 MHz; σ = 1.477 mho/m; ε_r = 52.379; ρ = 1000 kg/m^3
Ambient Temperature：21.9 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.44, 8.44, 8.44); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20350/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.727 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.710 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.885 mW/g
SAR(1 g) = 0.585 mW/g; SAR(10 g) = 0.383 mW/g
Maximum value of SAR (measured) = 0.733 mW/g



P280 LTE 4_16QAM_10M_Rear Face_1cm_Ch20350_1RB_Offset0

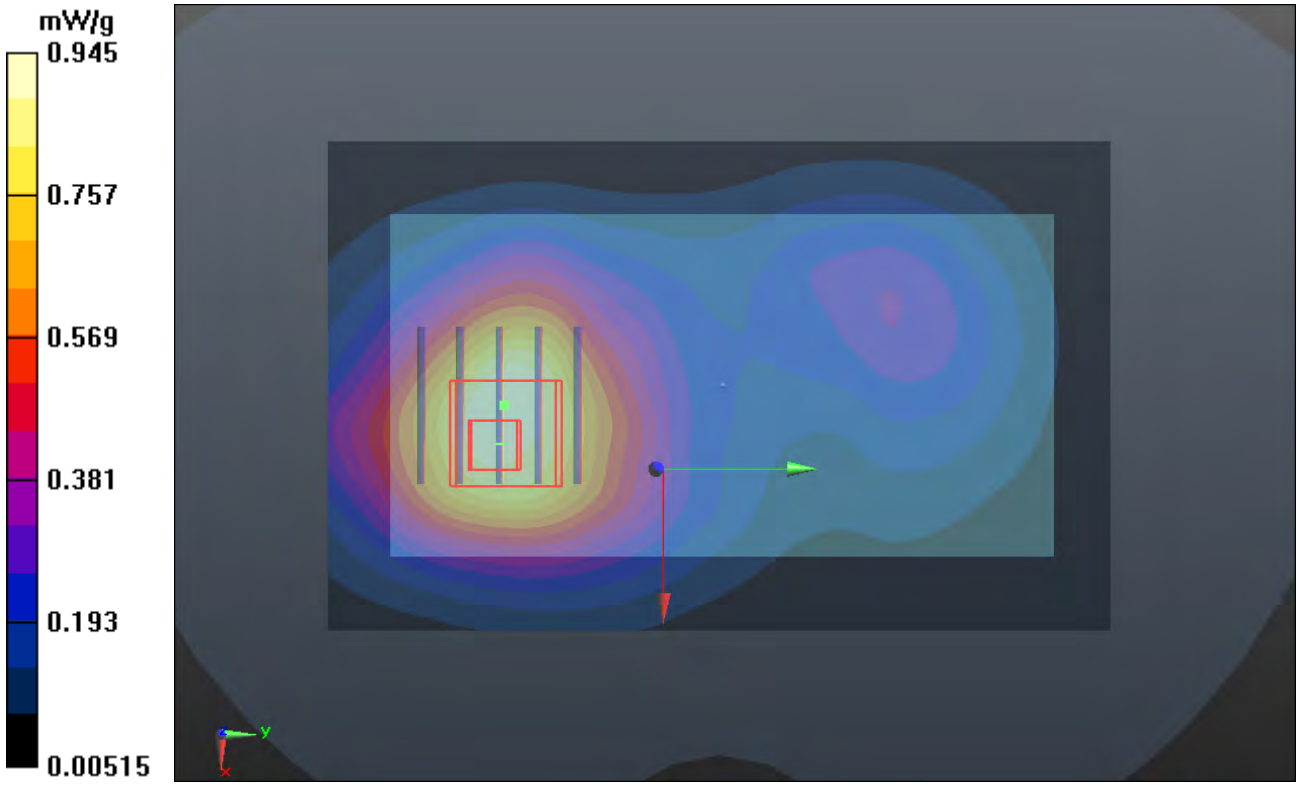
DUT: 120626C35

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: B1750_0707 Medium parameters used: f = 1750 MHz; σ = 1.477 mho/m; ε_r = 52.379; ρ = 1000 kg/m^3
Ambient Temperature：21.9 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.44, 8.44, 8.44); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20350/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.945 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.168 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.140 mW/g
SAR(1 g) = 0.756 mW/g; SAR(10 g) = 0.494 mW/g
Maximum value of SAR (measured) = 0.947 mW/g



P281 LTE 4_16QAM_10M_Rear Face_1cm_Ch20350_1RB_Offset49

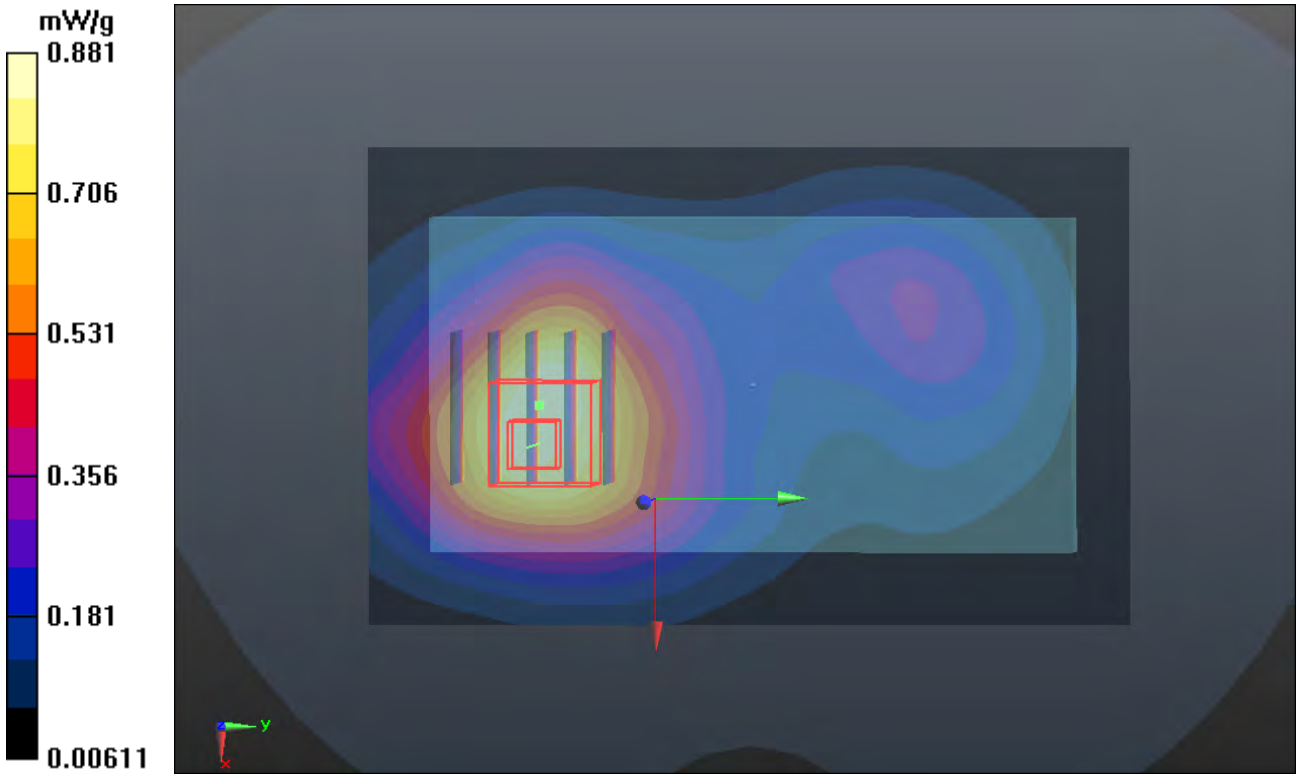
DUT: 120626C35

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: B1750_0707 Medium parameters used: f = 1750 MHz; σ = 1.477 mho/m; ε_r = 52.379; ρ = 1000 kg/m^3
Ambient Temperature：21.9 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.44, 8.44, 8.44); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20350/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.881 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.938 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.079 mW/g
SAR(1 g) = 0.715 mW/g; SAR(10 g) = 0.467 mW/g
Maximum value of SAR (measured) = 0.897 mW/g



P869 LTE 4_16QAM_10M_Left Side_1cm_Ch20350_1RB Offse 0

DUT: 126026C35

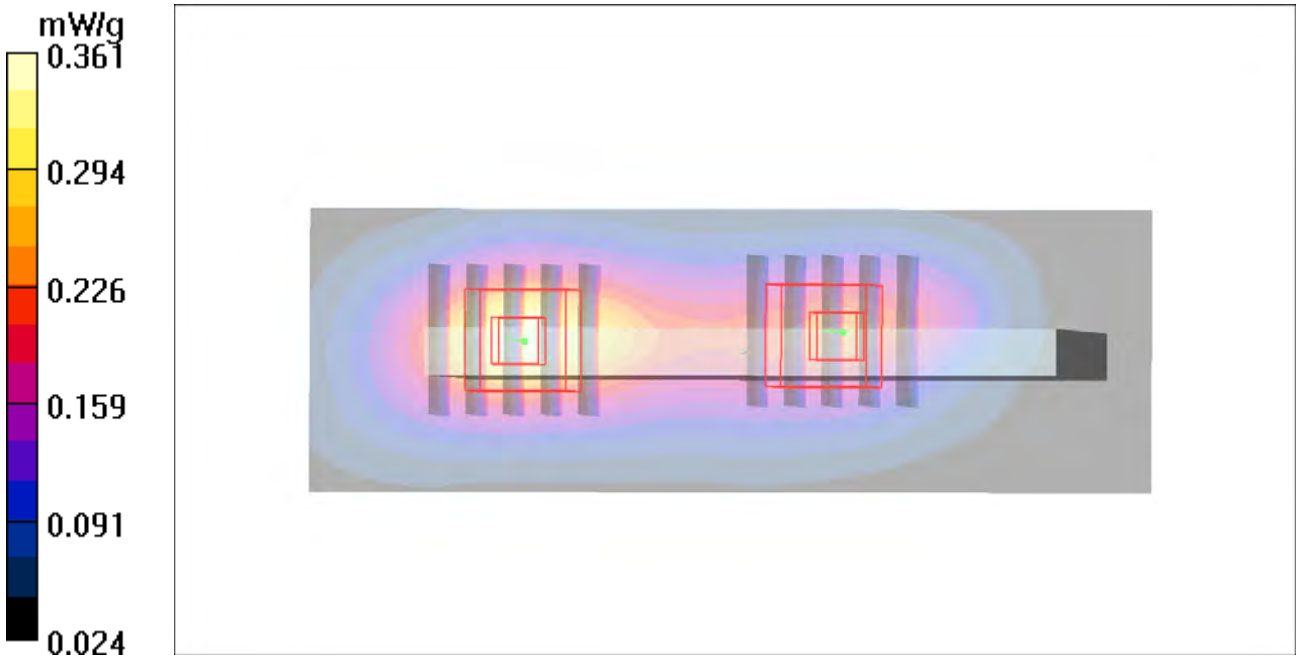
Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: B1750_1022 Medium parameters used: f = 1750 MHz; σ = 1.47 mho/m; ε_r = 53.8; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃; Liquid Temperature：20.2 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.44, 8.44, 8.44); Calibrated: 2011/12/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (31x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.361 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.3 V/m; Power Drift = -0.002 dB
Peak SAR (extrapolated) = 0.433 W/kg
SAR(1 g) = 0.271 mW/g; SAR(10 g) = 0.162 mW/g
Maximum value of SAR (measured) = 0.358 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.3 V/m; Power Drift = -0.002 dB
Peak SAR (extrapolated) = 0.285 W/kg
SAR(1 g) = 0.185 mW/g; SAR(10 g) = 0.116 mW/g
Maximum value of SAR (measured) = 0.240 mW/g



P872 LTE 4_16QAM_10M_Right Side_1cm_Ch20350_1RB Offse 0

DUT: 126026C35

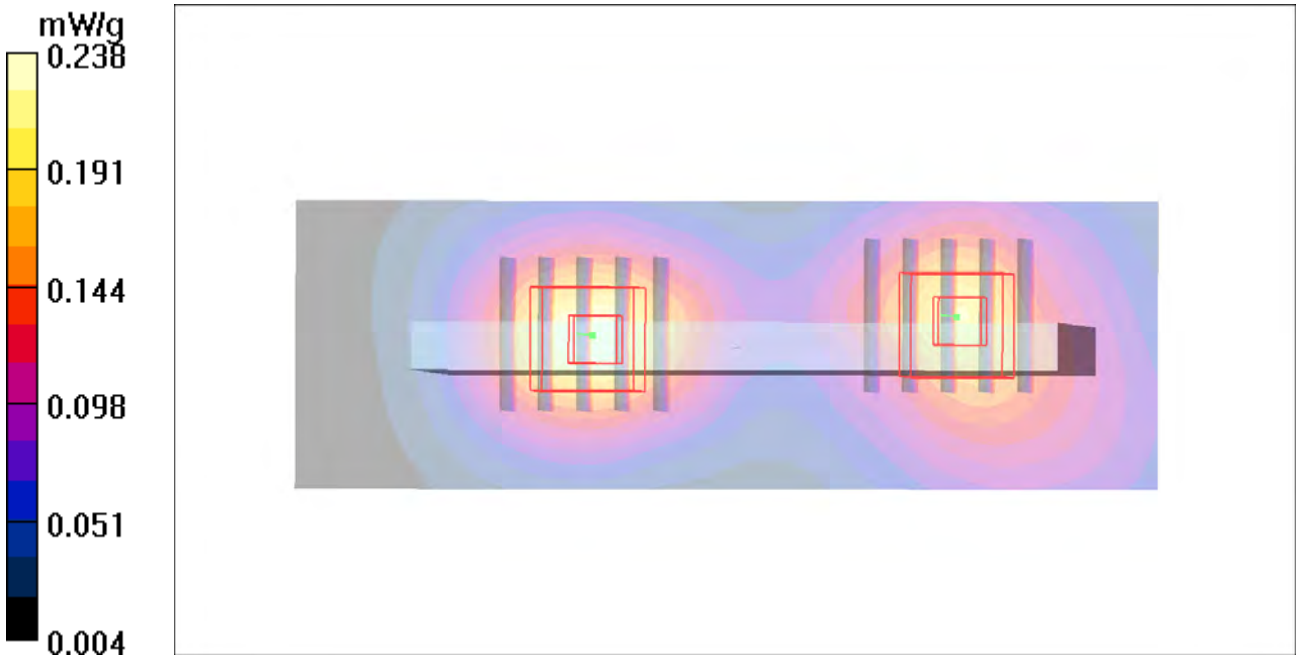
Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: B1750_1022 Medium parameters used: f = 1750 MHz; σ = 1.47 mho/m; ε_r = 53.8; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃; Liquid Temperature：20.2 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.44, 8.44, 8.44); Calibrated: 2011/12/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (31x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.238 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.90 V/m; Power Drift = -0.009 dB
Peak SAR (extrapolated) = 0.284 W/kg
SAR(1 g) = 0.184 mW/g; SAR(10 g) = 0.114 mW/g
Maximum value of SAR (measured) = 0.238 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.90 V/m; Power Drift = -0.009 dB
Peak SAR (extrapolated) = 0.250 W/kg
SAR(1 g) = 0.164 mW/g; SAR(10 g) = 0.103 mW/g
Maximum value of SAR (measured) = 0.211 mW/g



P875 LTE 4_16QAM_10M_Bottom Side_1cm_Ch20350_1RB Offse 0

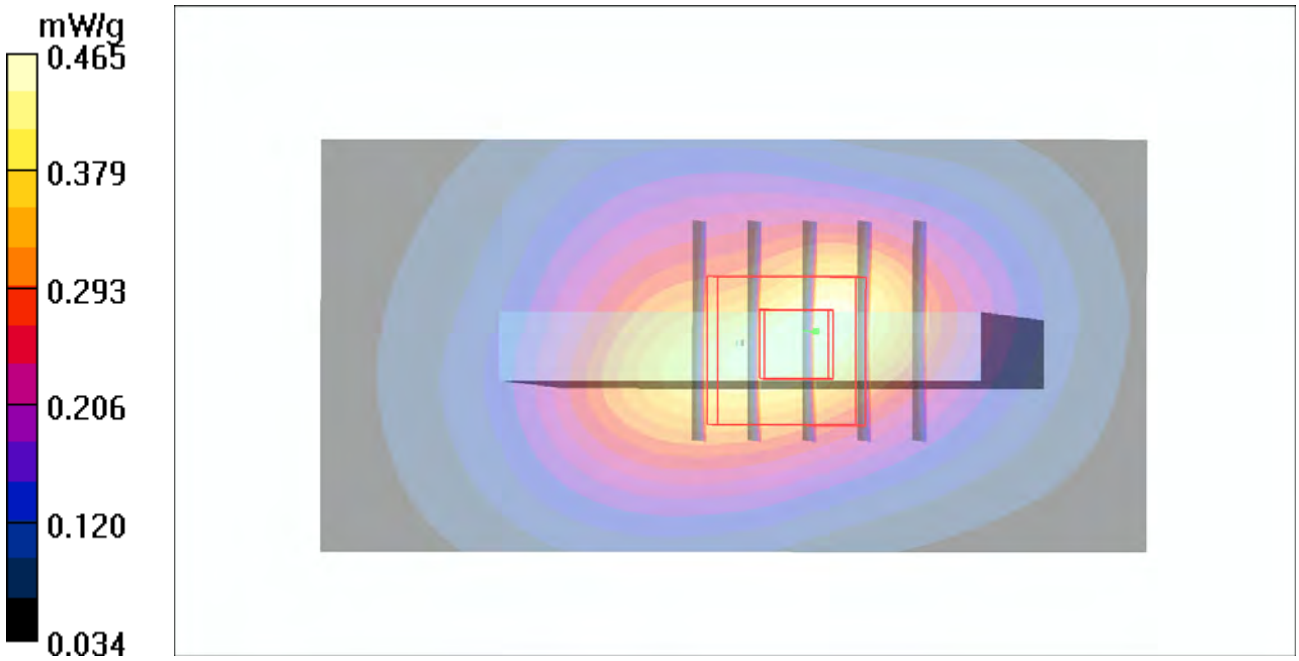
DUT: 126026C35

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: B1750_1022 Medium parameters used: f = 1750 MHz; σ = 1.47 mho/m; ε_r = 53.8; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃; Liquid Temperature：20.2 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.44, 8.44, 8.44); Calibrated: 2011/12/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (31x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.465 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.6 V/m; Power Drift = -0.115 dB
Peak SAR (extrapolated) = 0.809 W/kg
SAR(1 g) = 0.483 mW/g; SAR(10 g) = 0.264 mW/g
Maximum value of SAR (measured) = 0.668 mW/g



P282 LTE 4_QPSK_10M_Front Face_1cm_Ch20350_25RB_Offset 12_Earphone

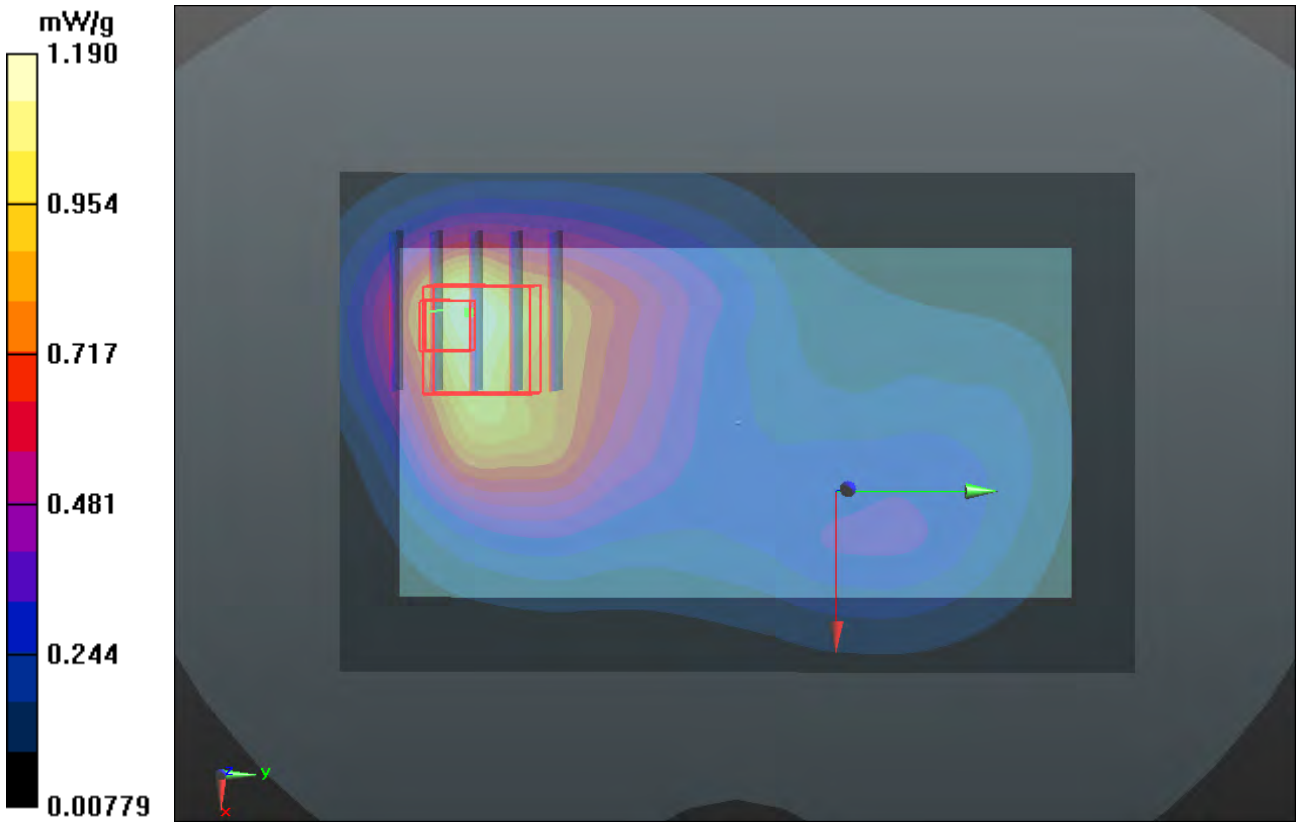
DUT: 120626C35

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: B1750_0706 Medium parameters used: f = 1750 MHz; σ = 1.468 mho/m; ε_r = 53.671; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.44, 8.44, 8.44); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20350/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.19 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.742 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.198 mW/g
SAR(1 g) = 0.758 mW/g; SAR(10 g) = 0.497 mW/g
Maximum value of SAR (measured) = 0.972 mW/g



P283 LTE 4_QPSK_10M_Rear Face_1cm_Ch20350_25RB_Offset 12_Earphone

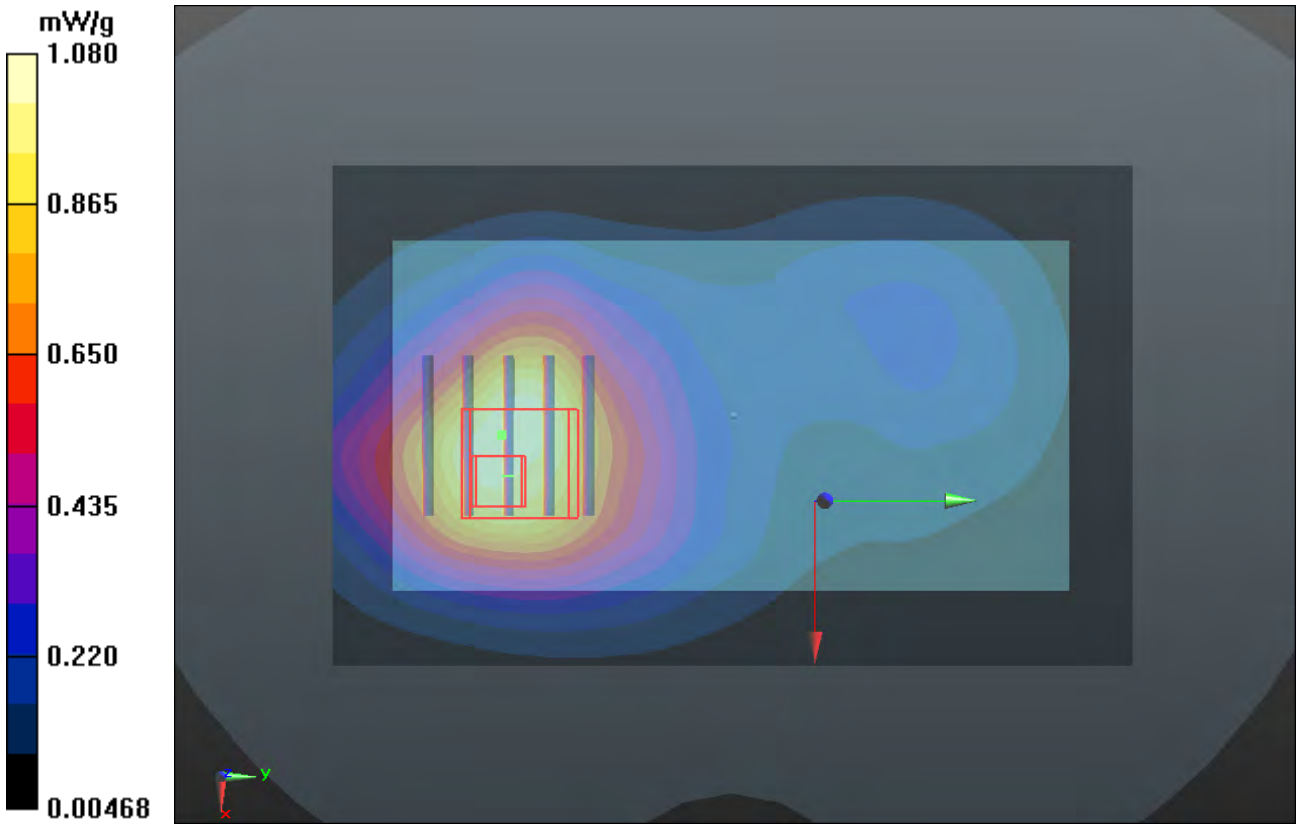
DUT: 120626C35

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: B1750_0706 Medium parameters used: f = 1750 MHz; σ = 1.468 mho/m; ε_r = 53.671; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.44, 8.44, 8.44); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20350/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.08 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.272 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.321 mW/g
SAR(1 g) = 0.856 mW/g; SAR(10 g) = 0.548 mW/g
Maximum value of SAR (measured) = 1.09 mW/g



P284 LTE 4_QPSK_10M_Front Face_1cm_Ch20350_1RB_Offset 0_Earphone

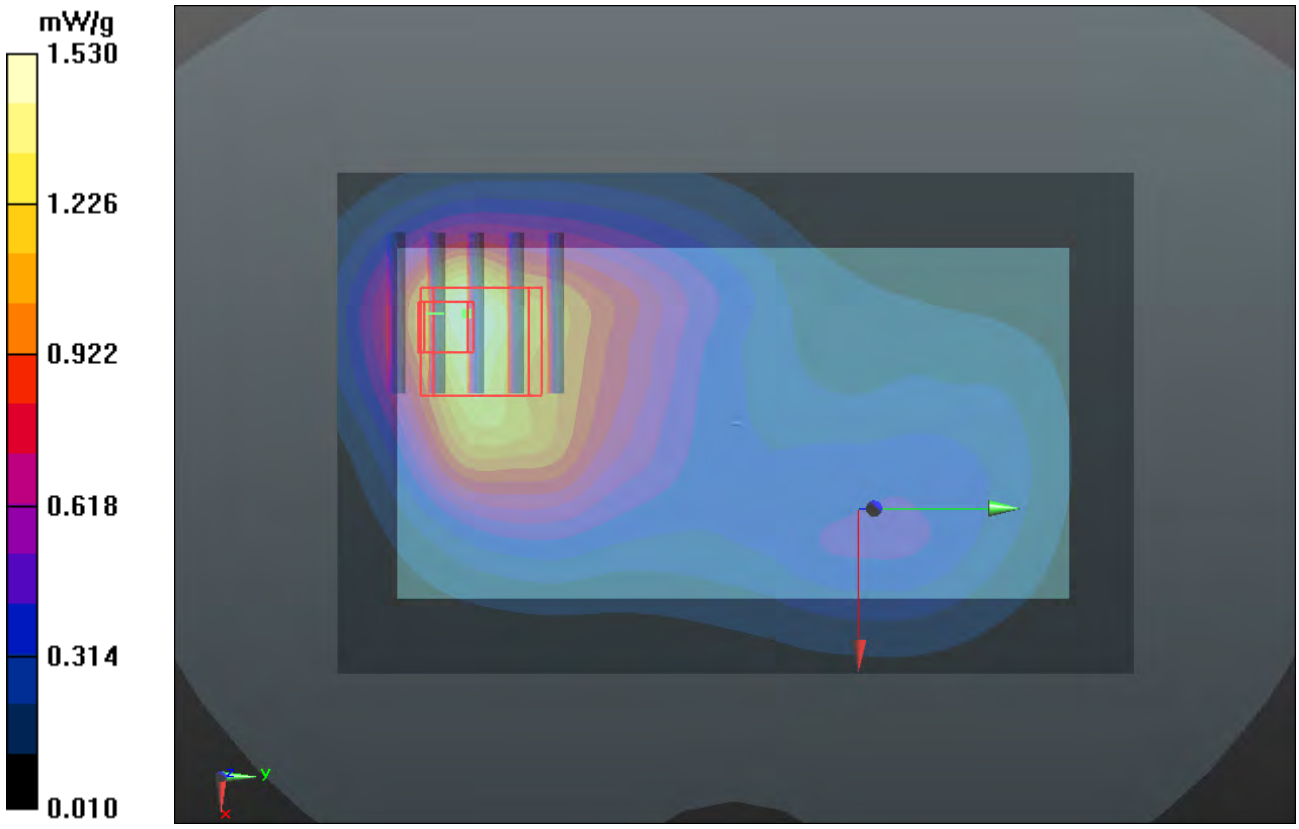
DUT: 120626C35

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: B1750_0706 Medium parameters used: f = 1750 MHz; σ = 1.468 mho/m; ε_r = 53.671; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.44, 8.44, 8.44); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20350/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.53 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.462 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.539 mW/g
SAR(1 g) = 0.978 mW/g; SAR(10 g) = 0.643 mW/g
Maximum value of SAR (measured) = 1.25 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/07/06

P285 LTE 4_QPSK_10M_Rear Face_1cm_Ch20350_1RB_Offset 0_Earphone

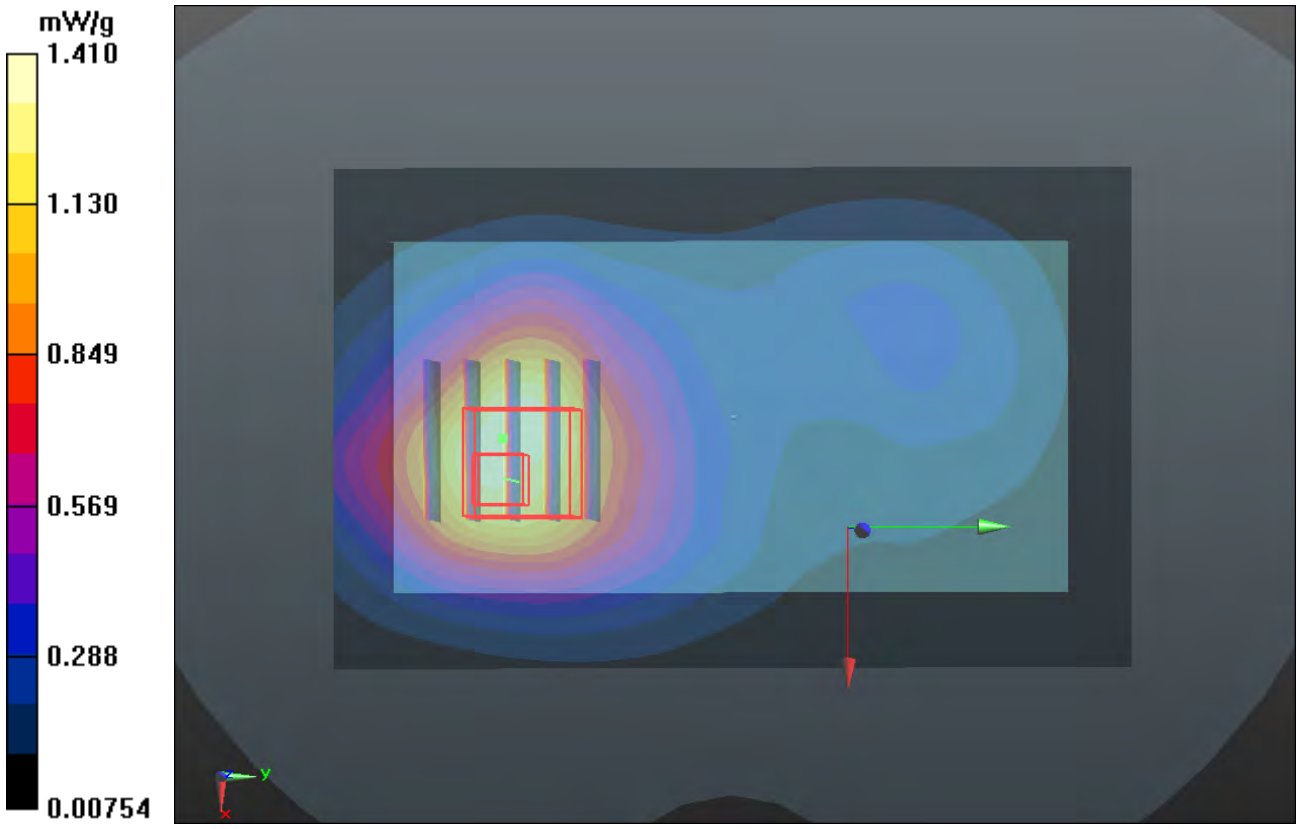
DUT: 120626C35

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: B1750_0706 Medium parameters used: f = 1750 MHz; σ = 1.468 mho/m; ε_r = 53.671; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.44, 8.44, 8.44); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20350/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.41 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.772 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.736 mW/g
SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.725 mW/g
Maximum value of SAR (measured) = 1.44 mW/g



P286 LTE 4_QPSK_10M_Front Face_1cm_Ch20350_1RB_Offset 49_Earphone

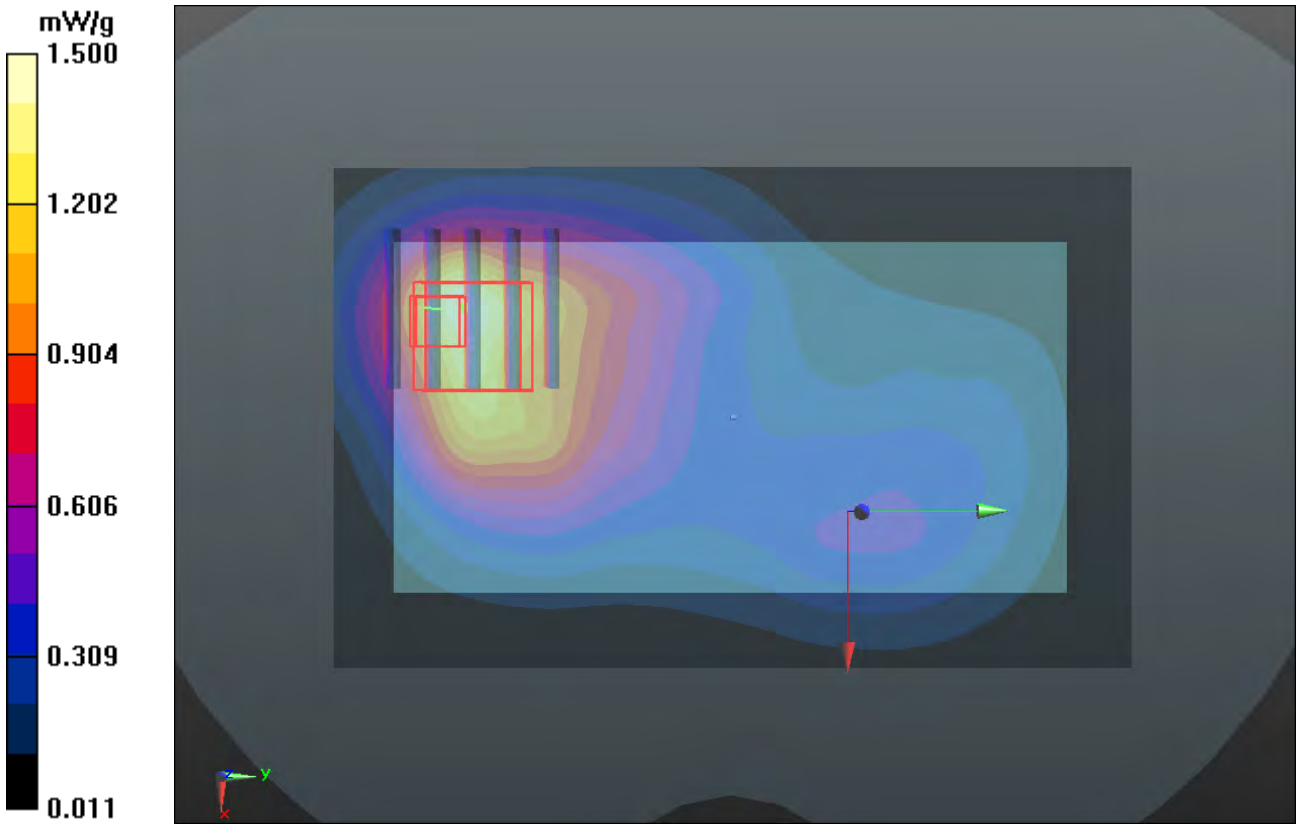
DUT: 120626C35

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: B1750_0706 Medium parameters used: f = 1750 MHz; σ = 1.468 mho/m; ε_r = 53.671; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.44, 8.44, 8.44); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20350/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.50 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.547 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.521 mW/g
SAR(1 g) = 0.958 mW/g; SAR(10 g) = 0.625 mW/g
Maximum value of SAR (measured) = 1.23 mW/g



P287 LTE 4_QPSK_10M_Rear Face_1cm_Ch20350_1RB_Offset 49_Earphone

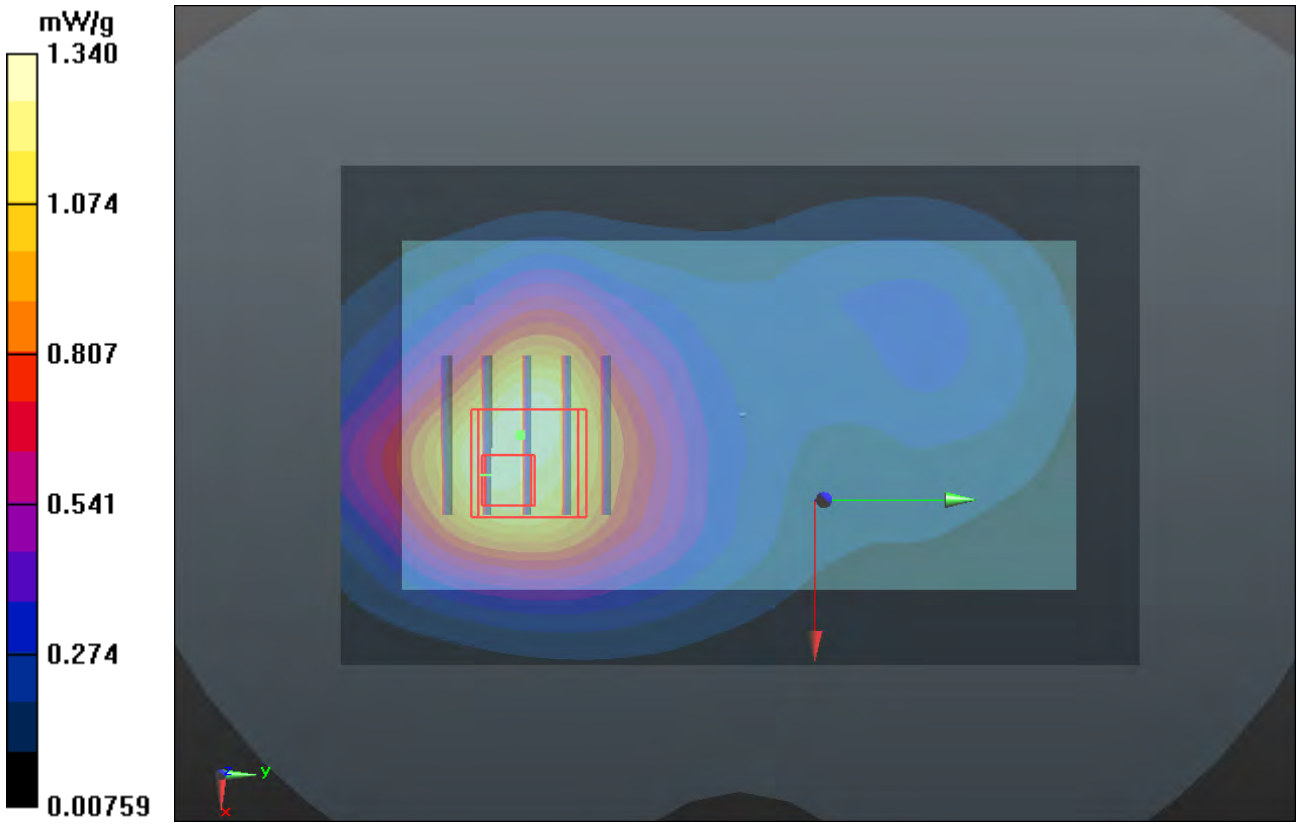
DUT: 120626C35

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: B1750_0706 Medium parameters used: f = 1750 MHz; σ = 1.468 mho/m; ε_r = 53.671; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.44, 8.44, 8.44); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20350/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.34 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.942 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.676 mW/g
SAR(1 g) = 1.08 mW/g; SAR(10 g) = 0.690 mW/g
Maximum value of SAR (measured) = 1.36 mW/g



P324 LTE 4_QPSK_10M_Rear Face_1cm_Ch20000_25RB_Offset 12_Earphone

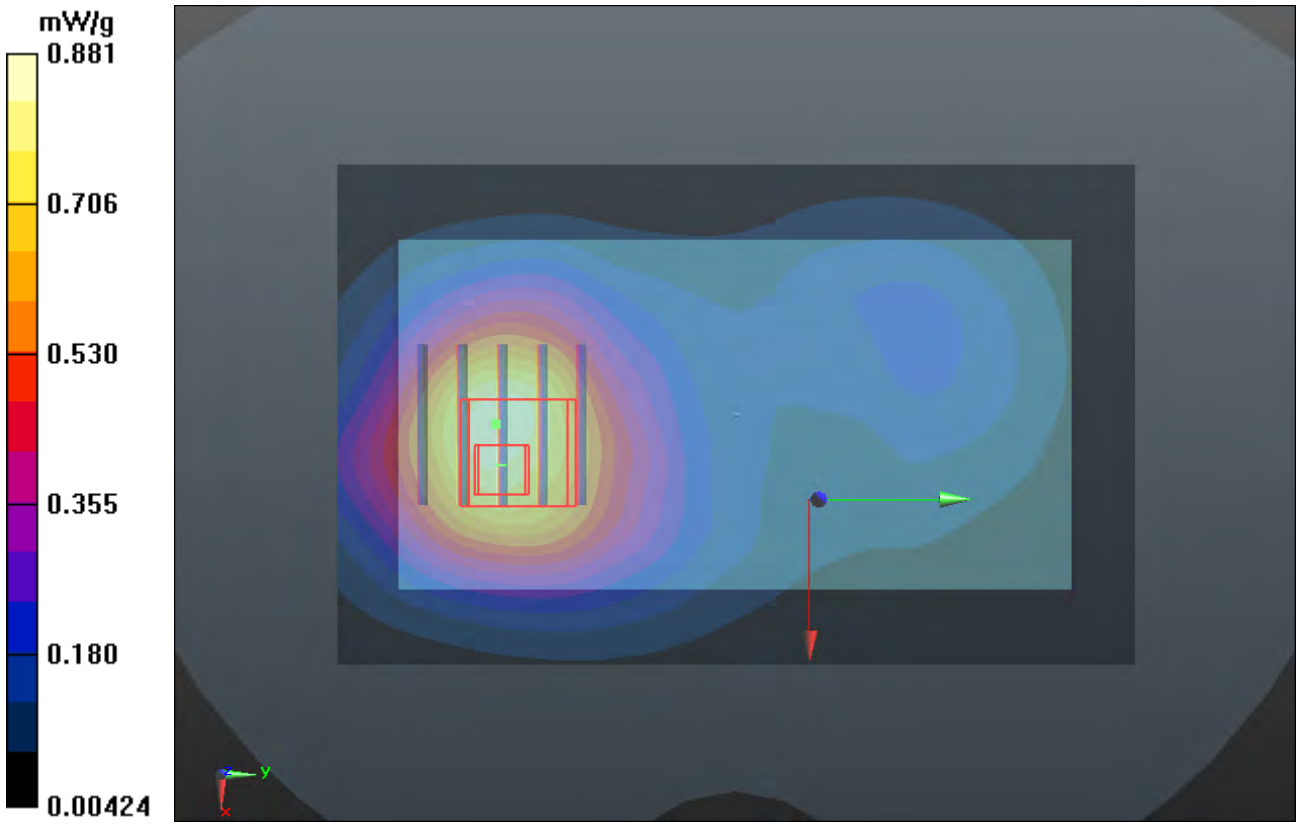
DUT: 120626C35

Communication System: LTE; Frequency: 1715 MHz;Duty Cycle: 1:1
Medium: B1750_0706 Medium parameters used: f = 1715 MHz; σ = 1.432 mho/m; ε_r = 53.756; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.44, 8.44, 8.44); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20000/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.881 mW/g

Ch20000/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.115 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.030 mW/g
SAR(1 g) = 0.690 mW/g; SAR(10 g) = 0.449 mW/g
Maximum value of SAR (measured) = 0.872 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/07/06

P325 LTE 4_QPSK_10M_Rear Face_1cm_Ch20175_25RB_Offset 12_Earphone

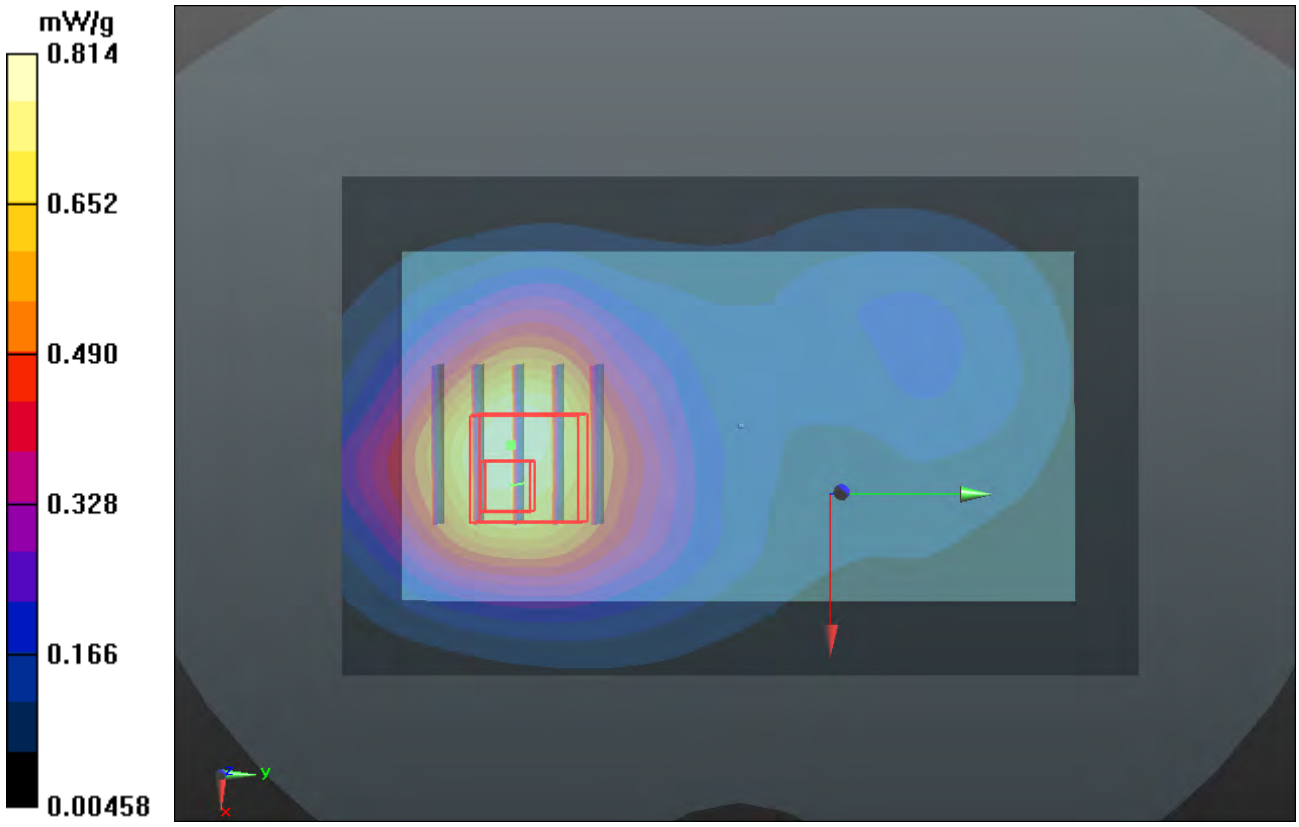
DUT: 120626C35

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: B1750_0706 Medium parameters used: f = 1732.5 MHz; σ = 1.451 mho/m; ε_r = 53.712; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.44, 8.44, 8.44); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20175/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.814 mW/g

Ch20175/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.105 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.987 mW/g
SAR(1 g) = 0.645 mW/g; SAR(10 g) = 0.414 mW/g
Maximum value of SAR (measured) = 0.821 mW/g



P845 LTE 4_16QAM_10M_Front Face_1cm_Ch20350_1RB Offse 0_Earphone

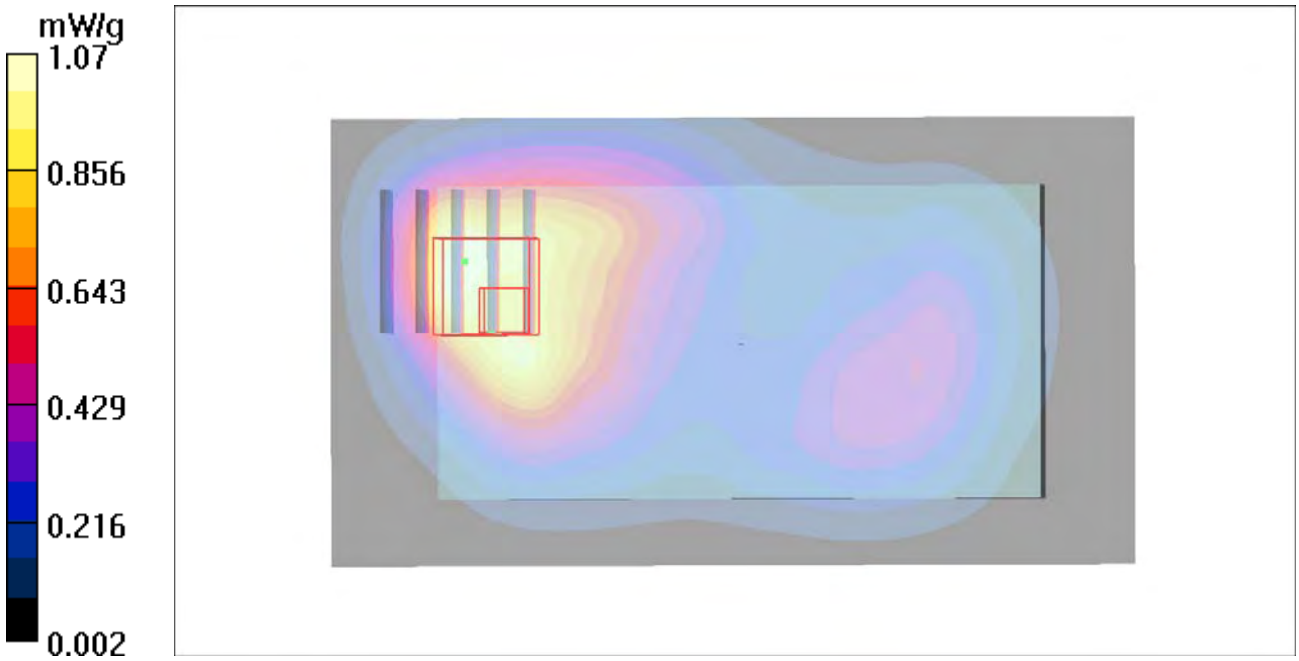
DUT: 126026C35

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: B1750_1022 Medium parameters used: f = 1750 MHz; σ = 1.47 mho/m; ε_r = 53.8; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃; Liquid Temperature：20.2 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.44, 8.44, 8.44); Calibrated: 2011/12/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch20350/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.07 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.4 V/m; Power Drift = -0.008 dB
Peak SAR (extrapolated) = 1.10 W/kg
SAR(1 g) = 0.718 mW/g; SAR(10 g) = 0.474 mW/g
Maximum value of SAR (measured) = 0.906 mW/g



P288 LTE 4_16QAM_10M_Rear Face_1cm_Ch20350_25RB_Offset 12_Earphone

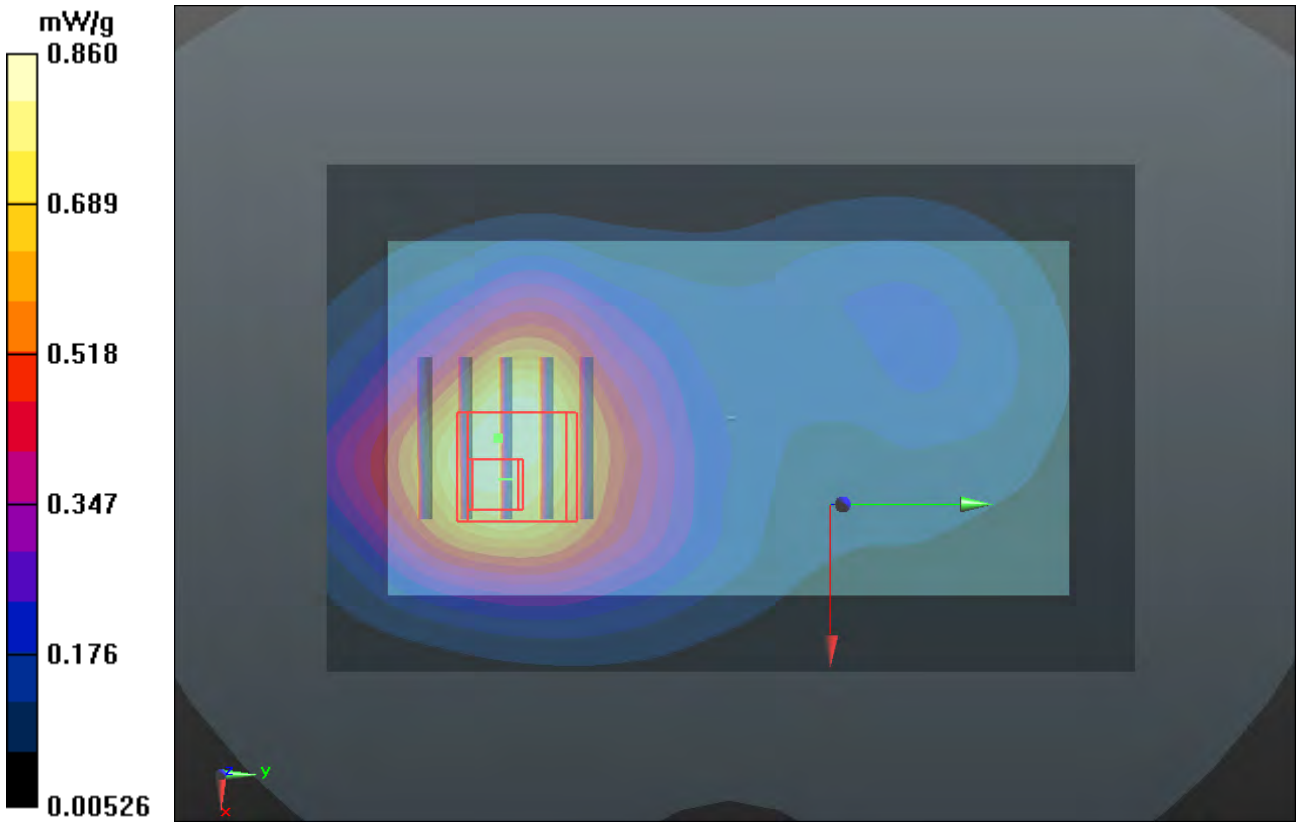
DUT: 120626C35

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: B1750_0706 Medium parameters used: f = 1750 MHz; σ = 1.468 mho/m; ε_r = 53.671; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.44, 8.44, 8.44); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20350/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.860 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.032 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.069 mW/g
SAR(1 g) = 0.694 mW/g; SAR(10 g) = 0.444 mW/g
Maximum value of SAR (measured) = 0.887 mW/g



P289 LTE 4_16QAM_10M_Rear Face_1cm_Ch20350_1RB_Offset 0_Earphone

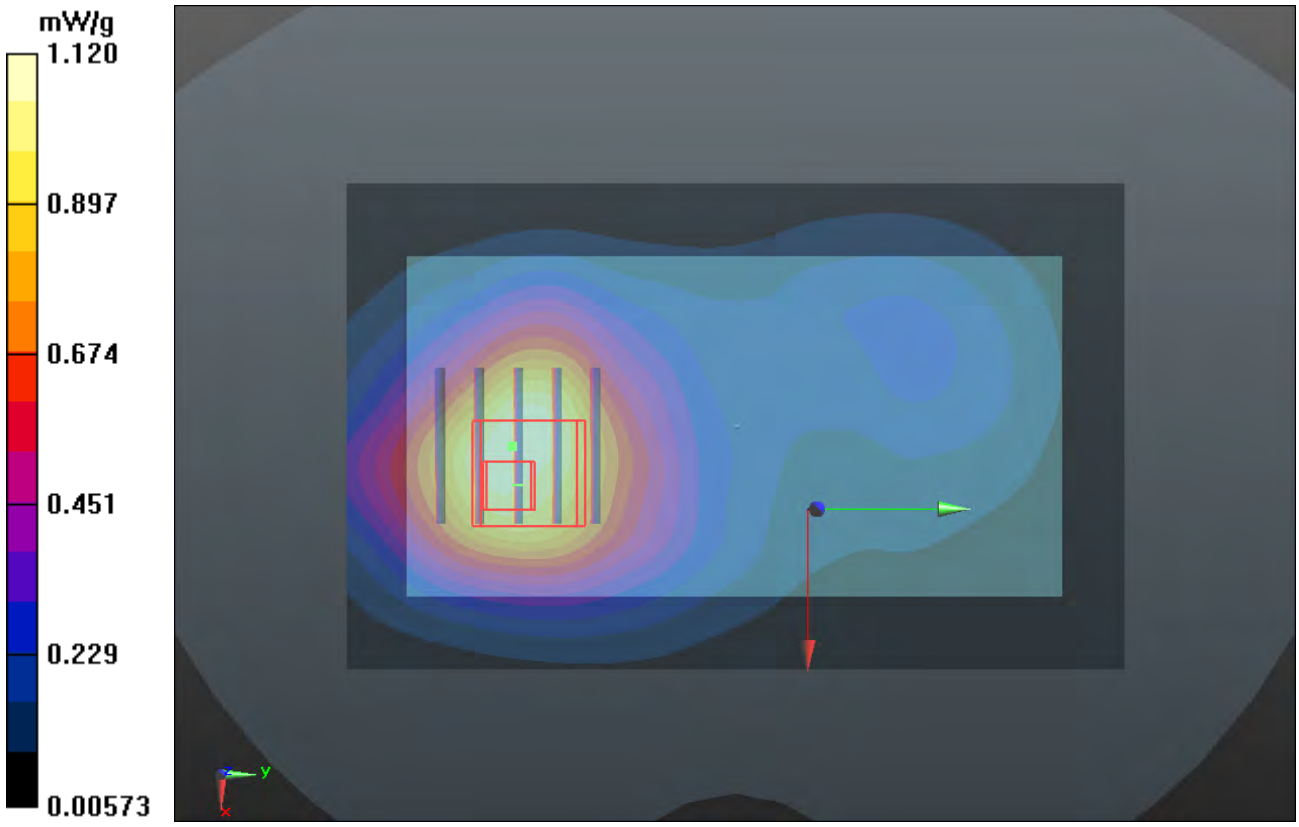
DUT: 120626C35

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: B1750_0706 Medium parameters used: f = 1750 MHz; σ = 1.468 mho/m; ε_r = 53.671; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃； Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.44, 8.44, 8.44); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20350/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.12 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.344 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.372 mW/g
SAR(1 g) = 0.892 mW/g; SAR(10 g) = 0.573 mW/g
Maximum value of SAR (measured) = 1.14 mW/g



P290 LTE 4_16QAM_10M_Rear Face_1cm_Ch20350_1RB_Offset 49_Earphone

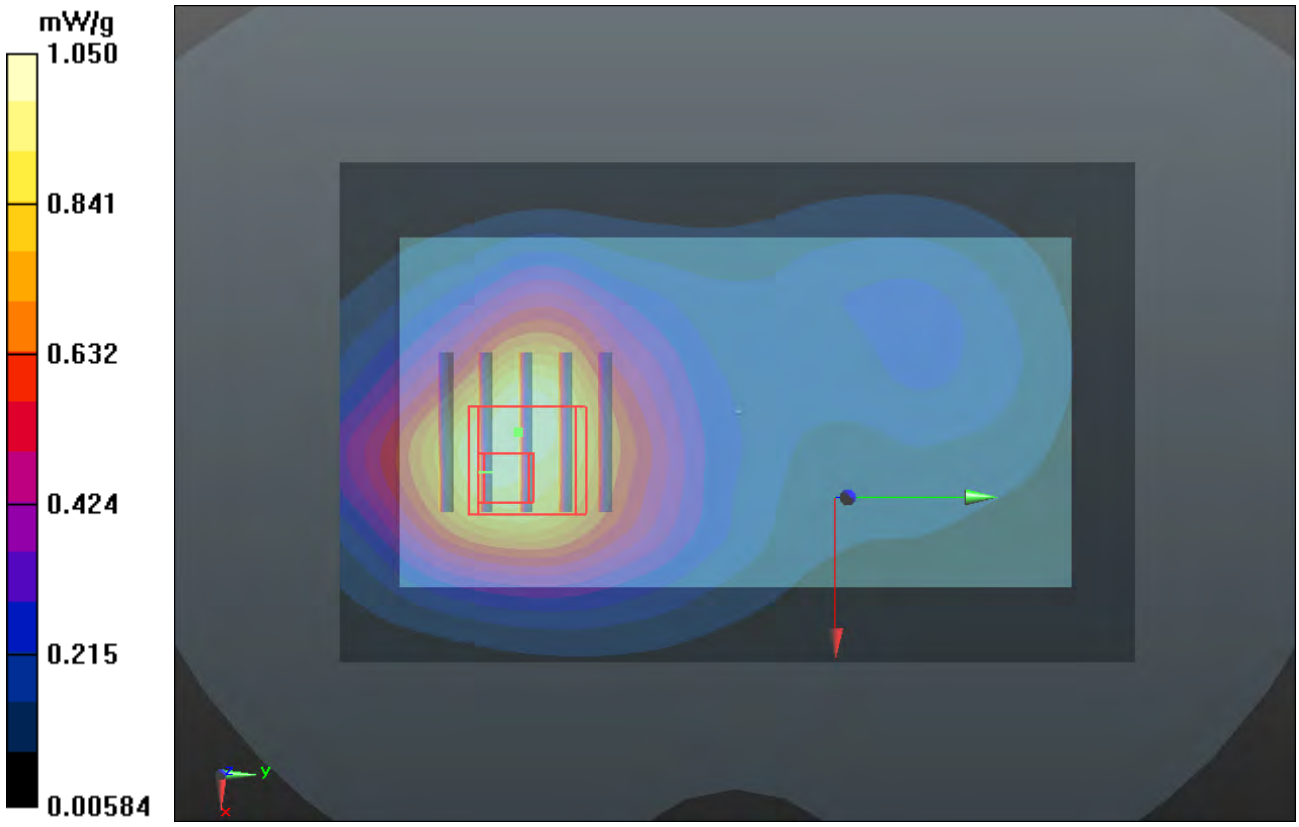
DUT: 120626C35

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: B1750_0706 Medium parameters used: f = 1750 MHz; σ = 1.468 mho/m; ε_r = 53.671; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.44, 8.44, 8.44); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch20350/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.05 mW/g

Ch20350/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.279 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.307 mW/g
SAR(1 g) = 0.844 mW/g; SAR(10 g) = 0.540 mW/g
Maximum value of SAR (measured) = 1.06 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/07/09

P291 LTE 2_QPSK_10M_Front Face_1cm_Ch18900_25RB_Offset 12

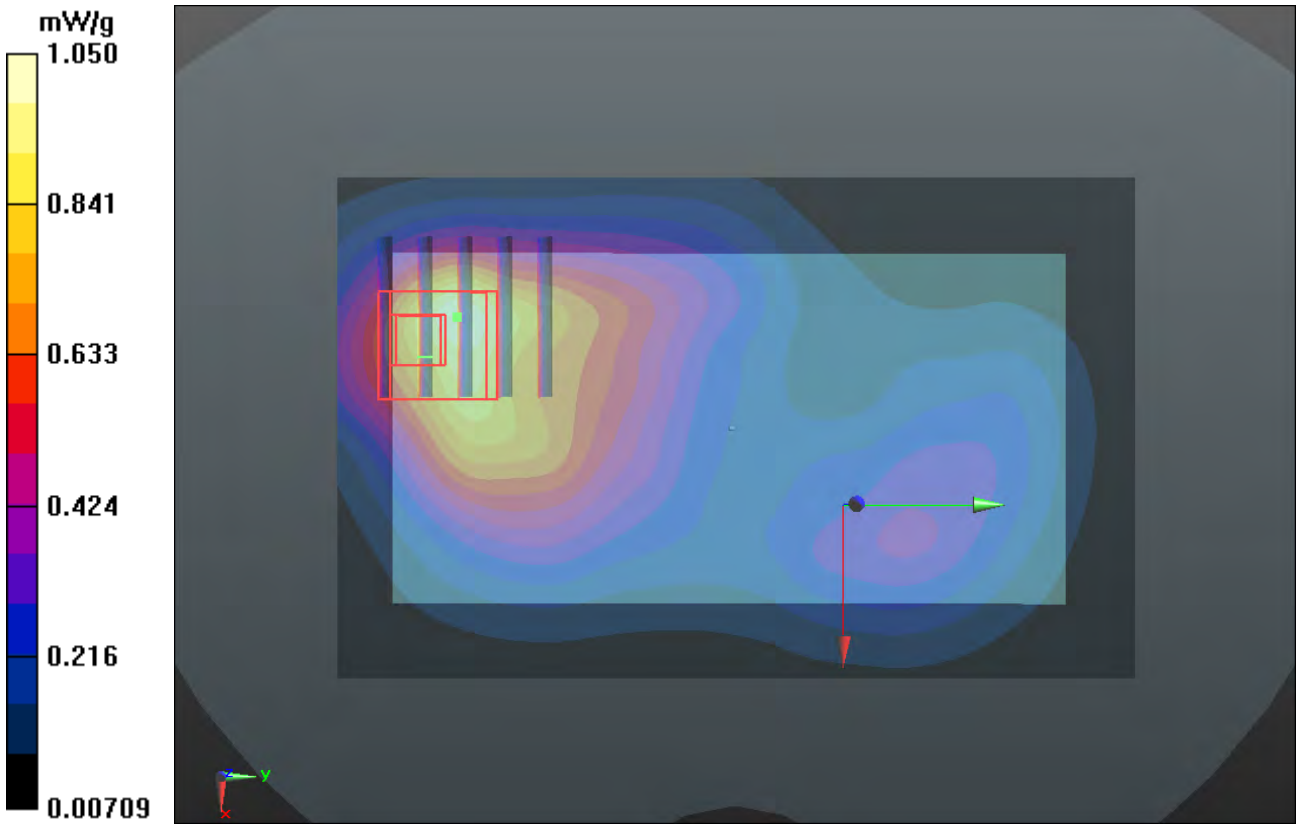
DUT: 120626C35

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0709 Medium parameters used: f = 1880 MHz; σ = 1.531 mho/m; ε_r = 54.018; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.04, 8.04, 8.04); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch18900/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.05 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.680 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.280 mW/g
SAR(1 g) = 0.775 mW/g; SAR(10 g) = 0.456 mW/g
Maximum value of SAR (measured) = 1.02 mW/g



P292 LTE 2_QPSK_10M_Rear Face_1cm_Ch18900_25RB_Offset 12

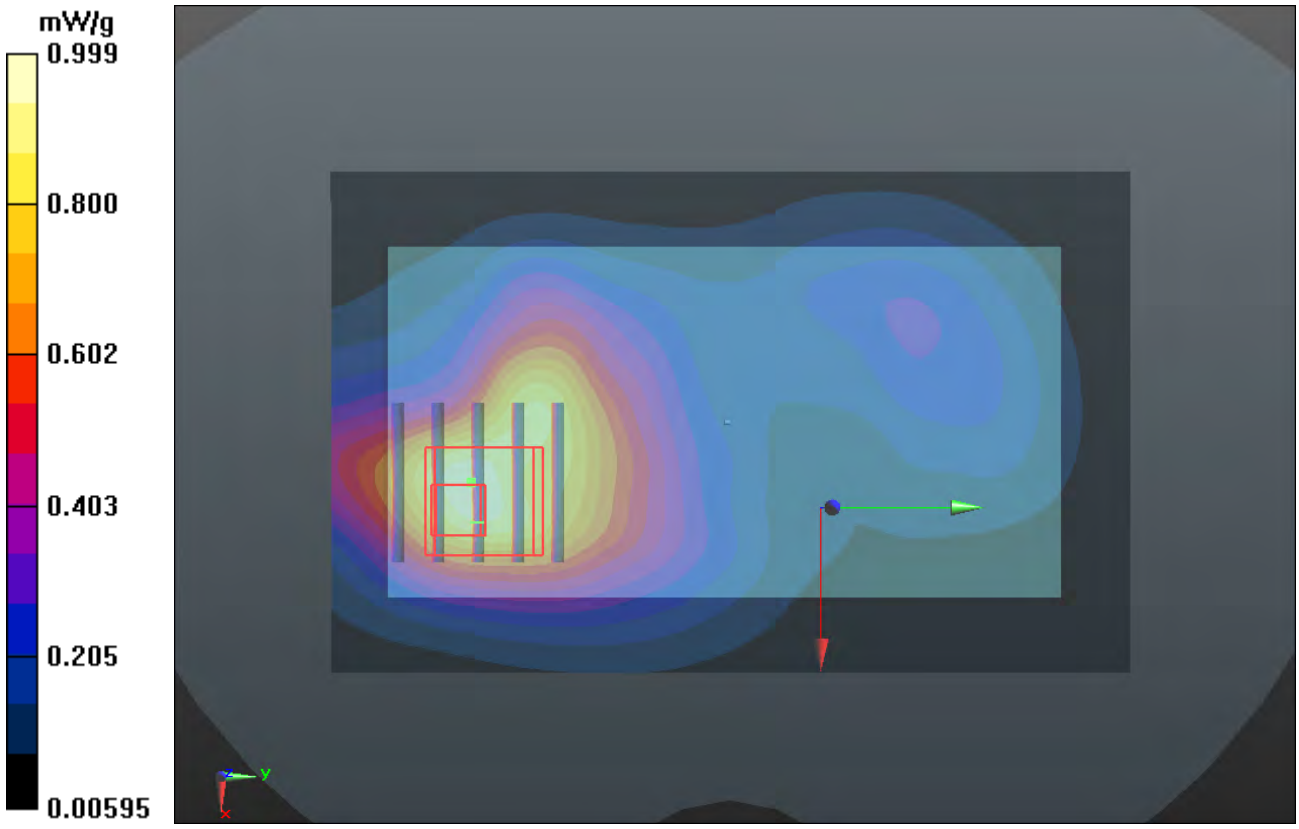
DUT: 120626C35

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0709 Medium parameters used: f = 1880 MHz; σ = 1.531 mho/m; ε_r = 54.018; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.04, 8.04, 8.04); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch18900/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.999 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.072 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.362 mW/g
SAR(1 g) = 0.807 mW/g; SAR(10 g) = 0.472 mW/g
Maximum value of SAR (measured) = 1.06 mW/g



P293 LTE 2_QPSK_10M_Left Side_1cm_Ch18900_25RB_Offset 12

DUT: 120626C35

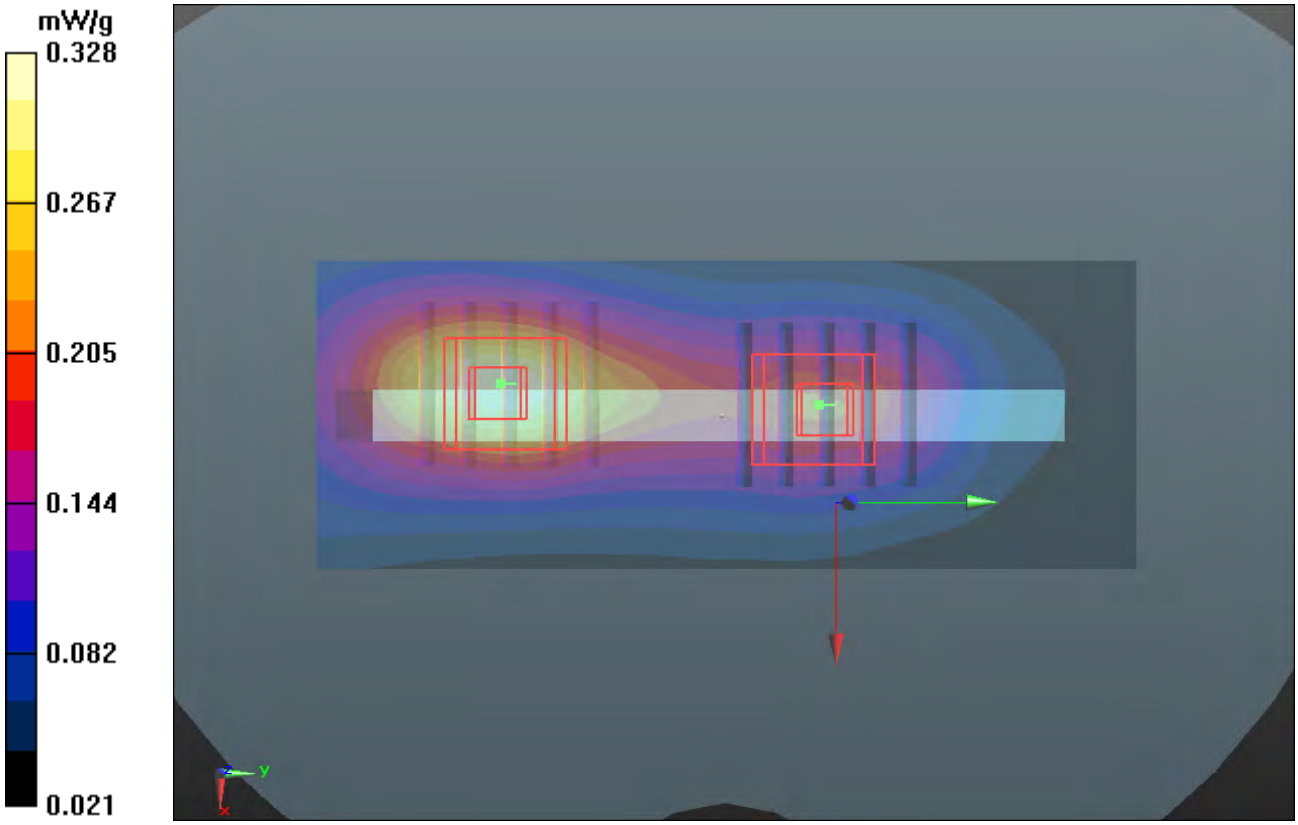
Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0709 Medium parameters used: f = 1880 MHz; σ = 1.531 mho/m; ε_r = 54.018; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.04, 8.04, 8.04); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch18900/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.328 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.579 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.431 mW/g
SAR(1 g) = 0.270 mW/g; SAR(10 g) = 0.161 mW/g
Maximum value of SAR (measured) = 0.351 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.579 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.251 mW/g
SAR(1 g) = 0.164 mW/g; SAR(10 g) = 0.103 mW/g
Maximum value of SAR (measured) = 0.212 mW/g



P294 LTE 2_QPSK_10M_Right Side_1cm_Ch18900_25RB_Offset 12

DUT: 120626C35

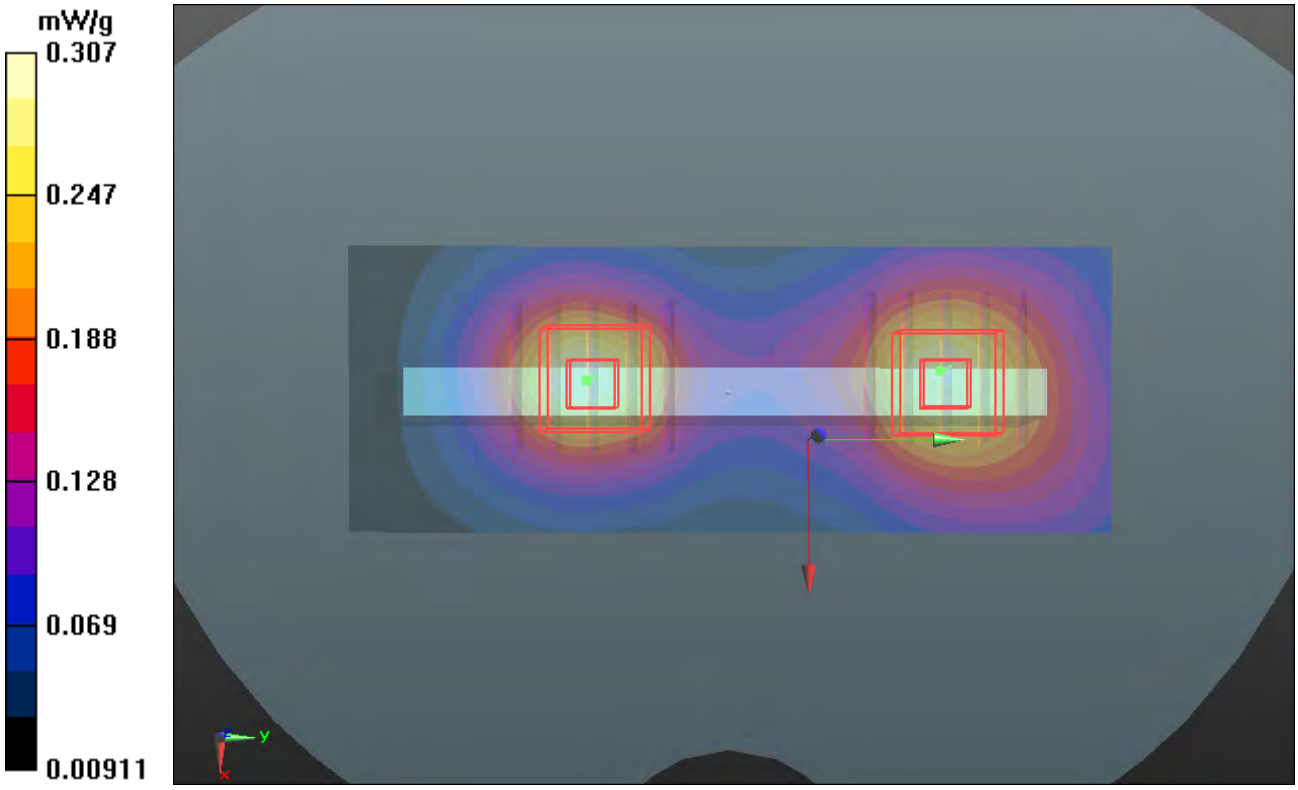
Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0709 Medium parameters used: f = 1880 MHz; σ = 1.531 mho/m; ε_r = 54.018; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.04, 8.04, 8.04); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch18900/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.307 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.435 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.369 mW/g
SAR(1 g) = 0.241 mW/g; SAR(10 g) = 0.149 mW/g
Maximum value of SAR (measured) = 0.307 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.435 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.367 mW/g
SAR(1 g) = 0.236 mW/g; SAR(10 g) = 0.143 mW/g
Maximum value of SAR (measured) = 0.308 mW/g



P296 LTE 2_QPSK_10M_Bottom Side_1cm_Ch18900_25RB_Offset 12

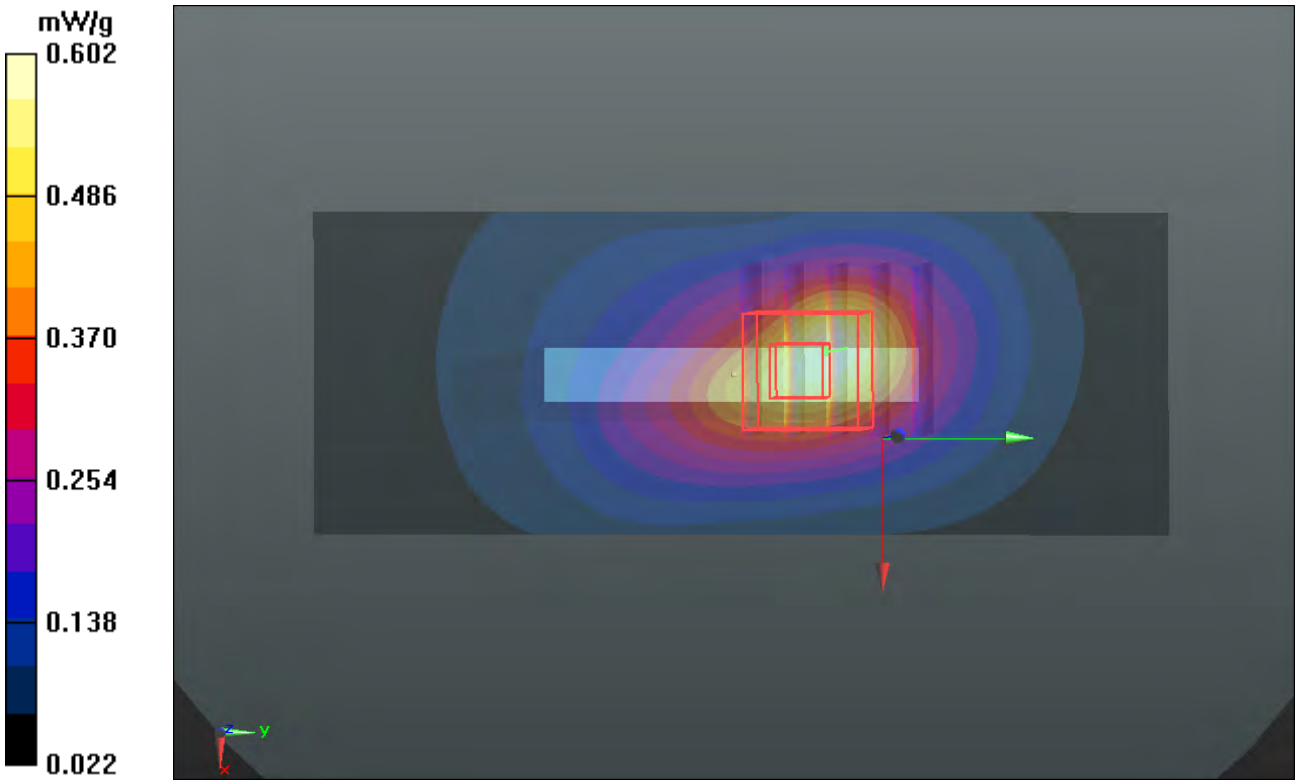
DUT: 120626C35

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0709 Medium parameters used: f = 1880 MHz; σ = 1.531 mho/m; ε_r = 54.018; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.04, 8.04, 8.04); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch18900/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.602 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.433 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 1.142 mW/g
SAR(1 g) = 0.666 mW/g; SAR(10 g) = 0.349 mW/g
Maximum value of SAR (measured) = 0.830 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/07/09

P297 LTE 2_QPSK_10M_Front Face_1cm_Ch18900_1RB_Offset 0

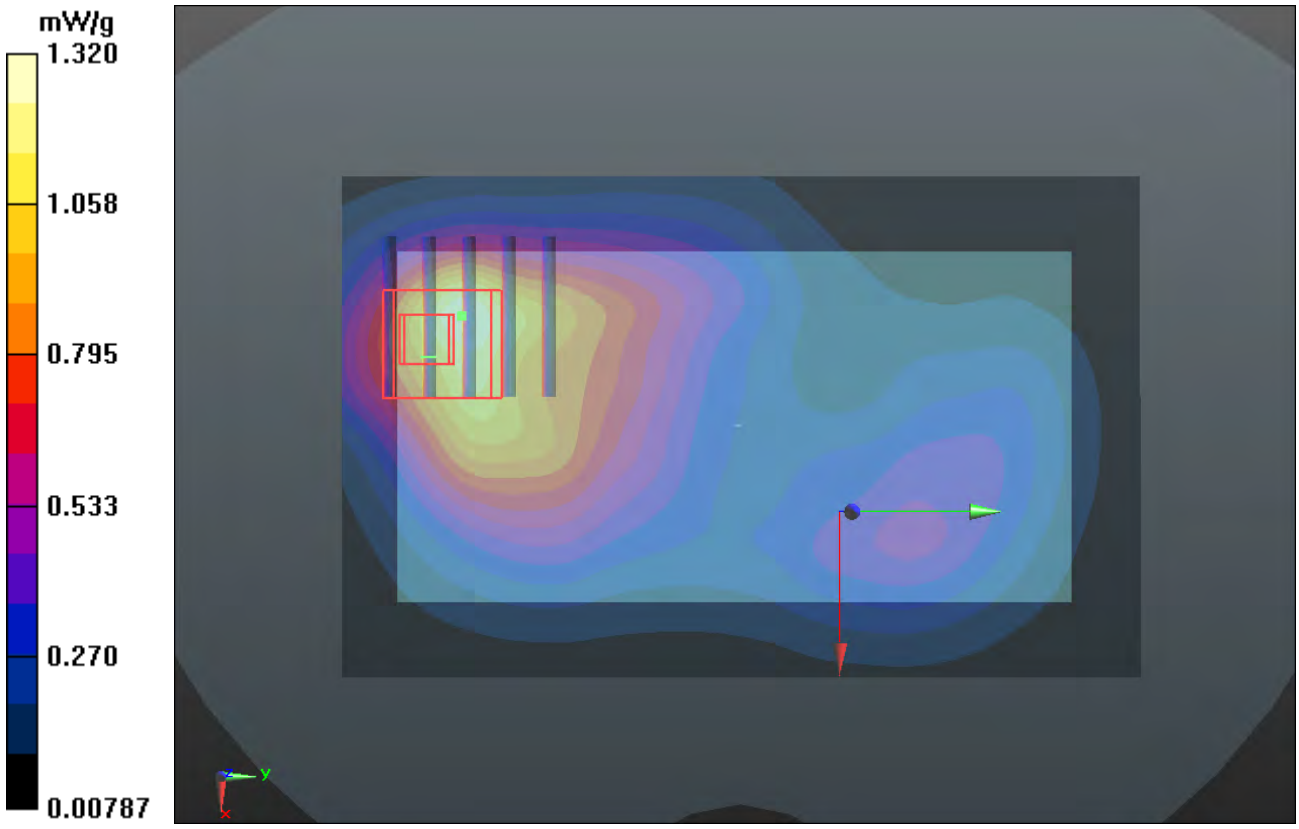
DUT: 120626C35

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0709 Medium parameters used: f = 1880 MHz; σ = 1.531 mho/m; ε_r = 54.018; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.04, 8.04, 8.04); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch18900/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.32 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.240 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.598 mW/g
SAR(1 g) = 0.969 mW/g; SAR(10 g) = 0.572 mW/g
Maximum value of SAR (measured) = 1.27 mW/g



P298 LTE 2_QPSK_10M_Rear Face_1cm_Ch18900_1RB_Offset 0

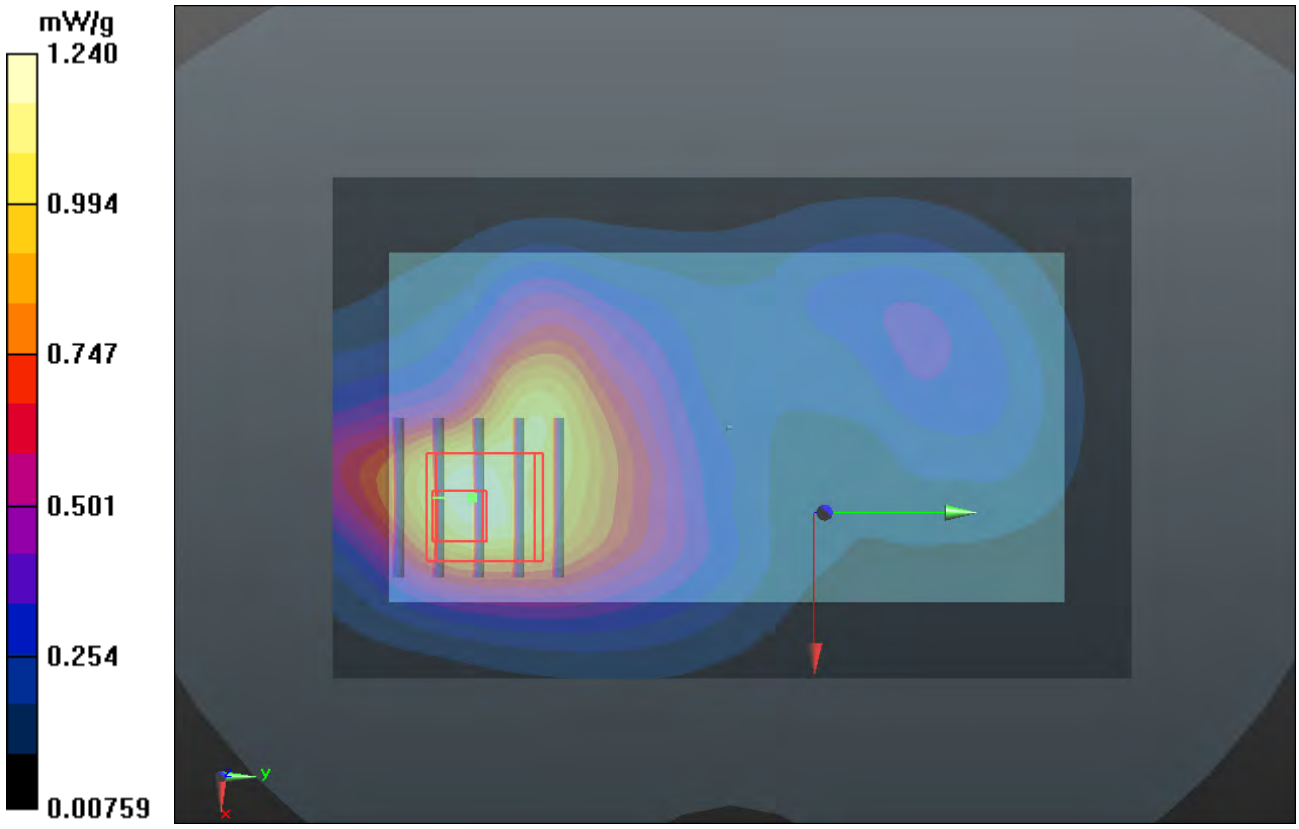
DUT: 120626C35

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0709 Medium parameters used: f = 1880 MHz; σ = 1.531 mho/m; ε_r = 54.018; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.04, 8.04, 8.04); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch18900/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.24 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.532 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.719 mW/g
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.601 mW/g
Maximum value of SAR (measured) = 1.33 mW/g



P299 LTE 2_QPSK_10M_Left Side_1cm_Ch18900_1RB_Offset 0

DUT: 120626C35

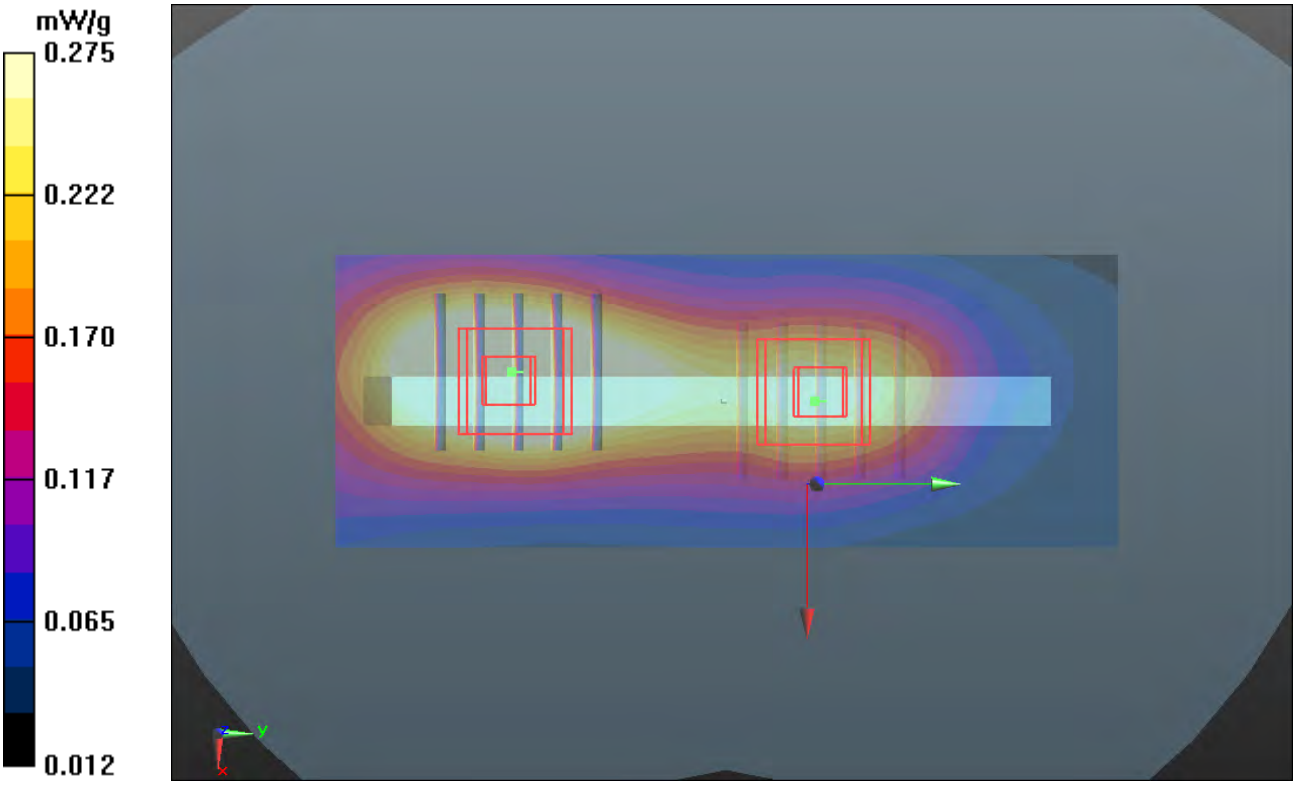
Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0709 Medium parameters used: f = 1880 MHz; σ = 1.531 mho/m; ε_r = 54.018; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.04, 8.04, 8.04); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch18900/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.435 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.503 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.564 mW/g
SAR(1 g) = 0.355 mW/g; SAR(10 g) = 0.213 mW/g
Maximum value of SAR (measured) = 0.459 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.503 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.326 mW/g
SAR(1 g) = 0.215 mW/g; SAR(10 g) = 0.134 mW/g
Maximum value of SAR (measured) = 0.275 mW/g



P300 LTE 2_QPSK_10M_Right Side_1cm_Ch18900_1RB_Offset 0

DUT: 120626C35

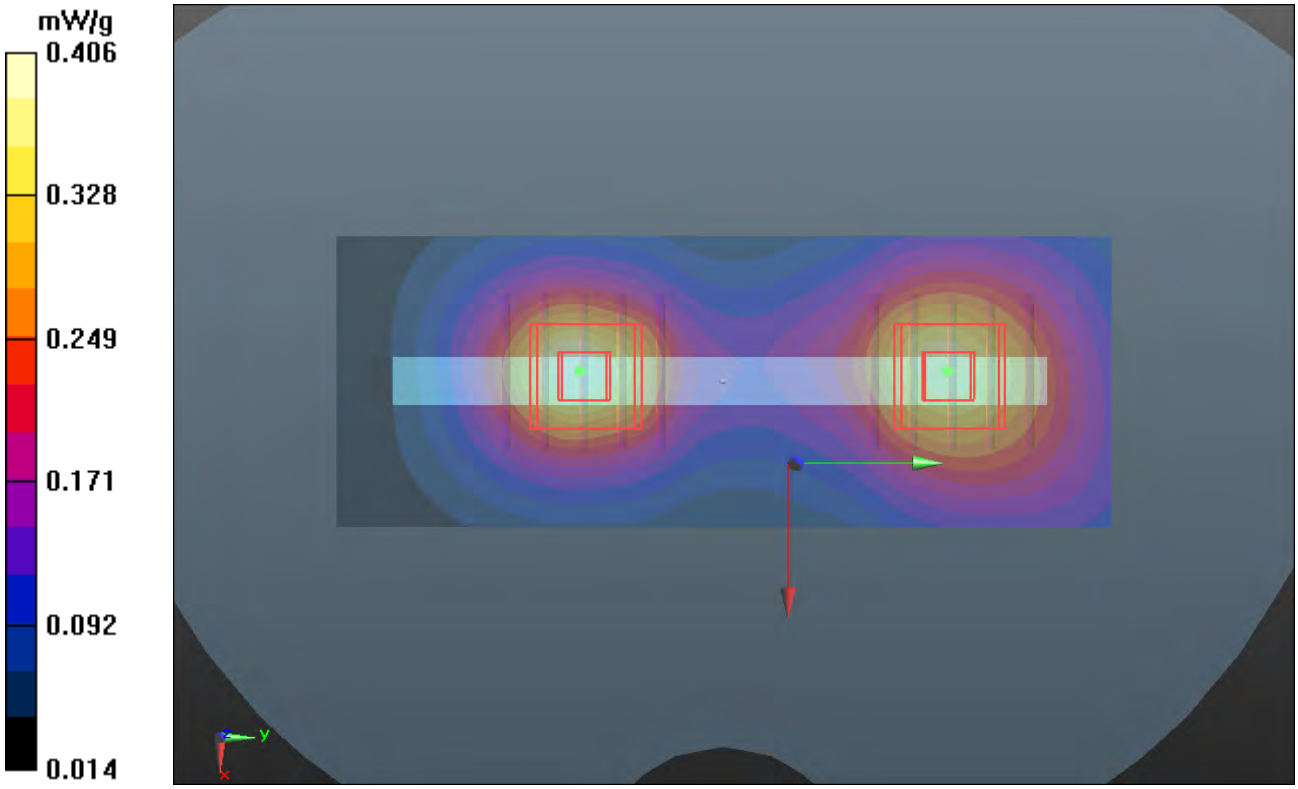
Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0709 Medium parameters used: f = 1880 MHz; σ = 1.531 mho/m; ε_r = 54.018; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.04, 8.04, 8.04); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch18900/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.406 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.825 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.485 mW/g
SAR(1 g) = 0.316 mW/g; SAR(10 g) = 0.196 mW/g
Maximum value of SAR (measured) = 0.409 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.825 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.484 mW/g
SAR(1 g) = 0.312 mW/g; SAR(10 g) = 0.190 mW/g
Maximum value of SAR (measured) = 0.406 mW/g



P302 LTE 2_QPSK_10M_Bottom Side_1cm_Ch18900_1RB_Offset 0

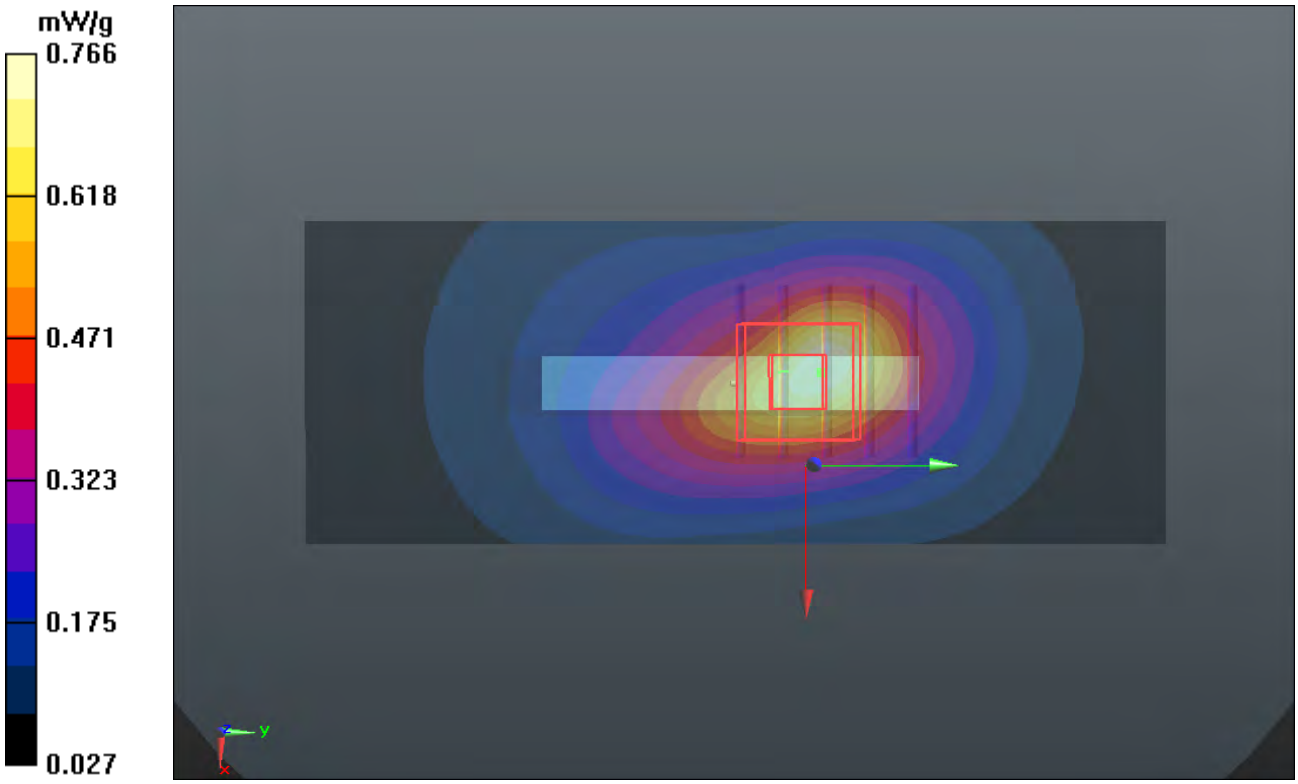
DUT: 120626C35

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0709 Medium parameters used: f = 1880 MHz; σ = 1.531 mho/m; ε_r = 54.018; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.04, 8.04, 8.04); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch18900/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.766 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.729 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.431 mW/g
SAR(1 g) = 0.838 mW/g; SAR(10 g) = 0.443 mW/g
Maximum value of SAR (measured) = 1.14 mW/g



P303 LTE 2_QPSK_10M_Front Face_1cm_Ch18900_1RB_Offset 49

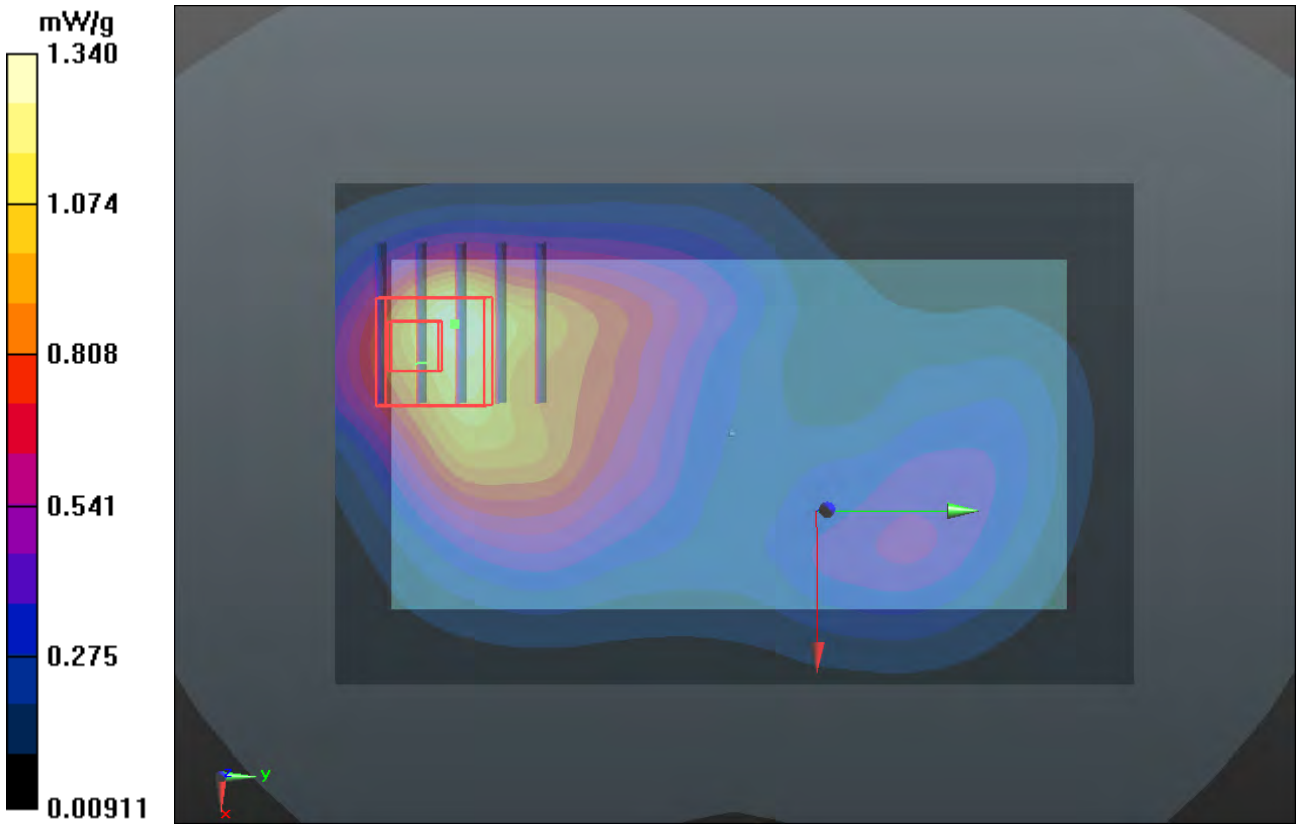
DUT: 120626C35

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0709 Medium parameters used: f = 1880 MHz; σ = 1.531 mho/m; ε_r = 54.018; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.04, 8.04, 8.04); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch18900/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.34 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.244 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.633 mW/g
SAR(1 g) = 0.988 mW/g; SAR(10 g) = 0.580 mW/g
Maximum value of SAR (measured) = 1.30 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/07/09

P304 LTE 2_QPSK_10M_Rear Face_1cm_Ch18900_1RB_Offset 49

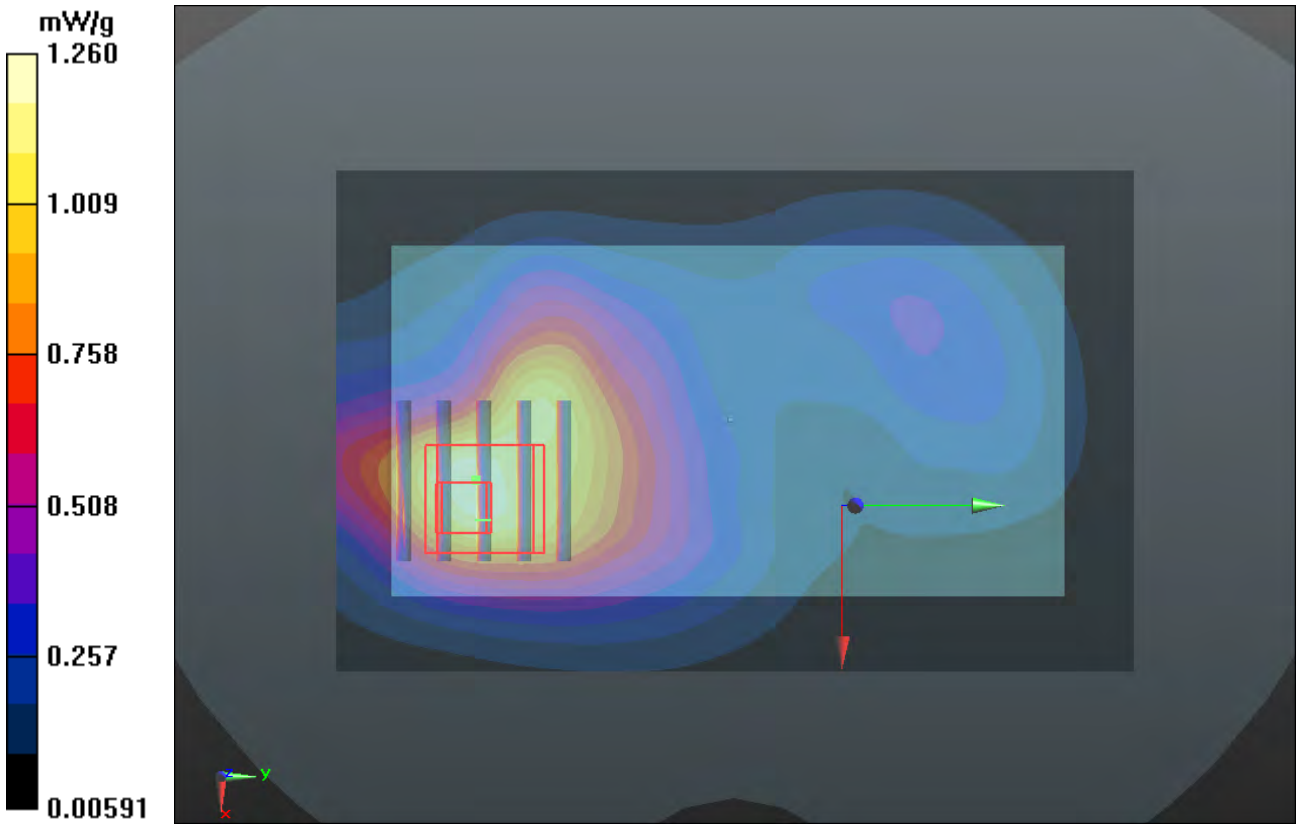
DUT: 120626C35

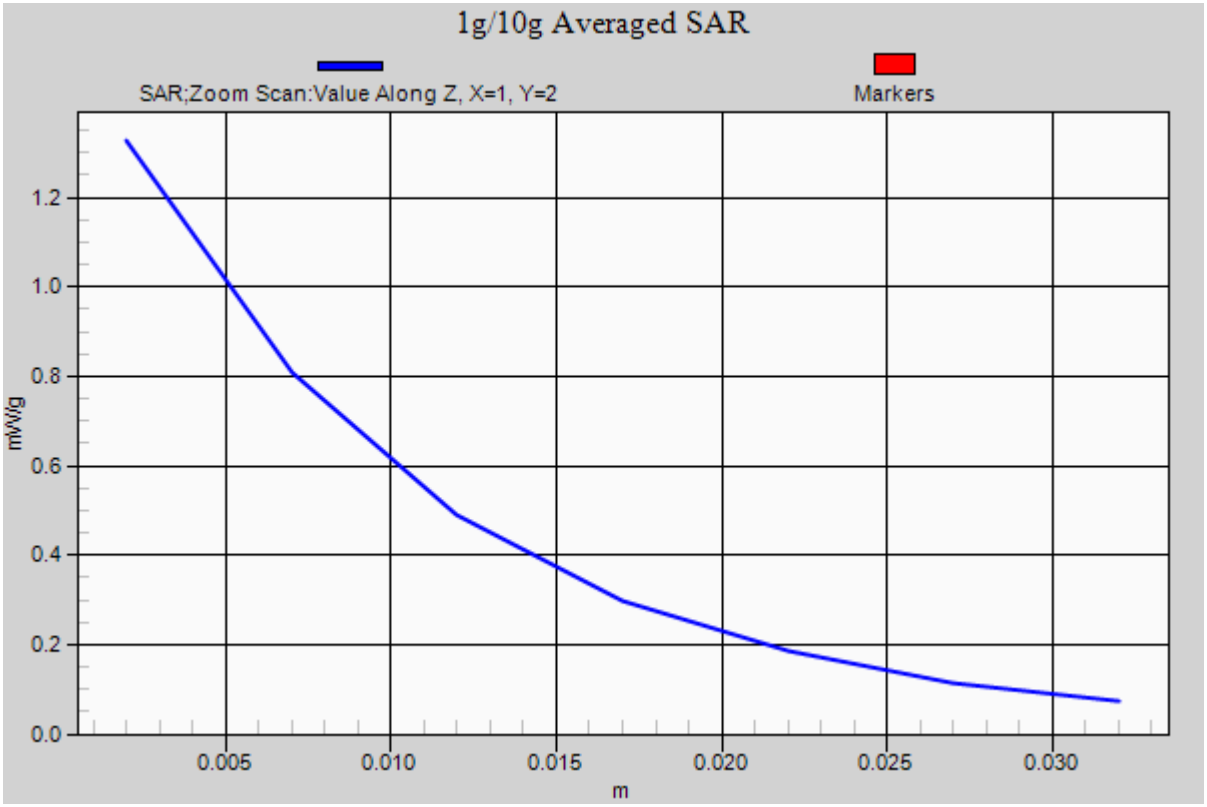
Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0709 Medium parameters used: f = 1880 MHz; σ = 1.531 mho/m; ε_r = 54.018; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.04, 8.04, 8.04); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch18900/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.26 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.745 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 1.762 mW/g
SAR(1 g) = 1.04 mW/g; SAR(10 g) = 0.605 mW/g
Maximum value of SAR (measured) = 1.37 mW/g




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=1, Y=2
Markers
mW/g
1.2
1.0
0.8
0.6
0.4
0.2
0.0
0.005
0.010
0.015
0.020
0.025
0.030
m

P305 LTE 2_QPSK_10M_Left Side_1cm_Ch18900_1RB_Offset 49

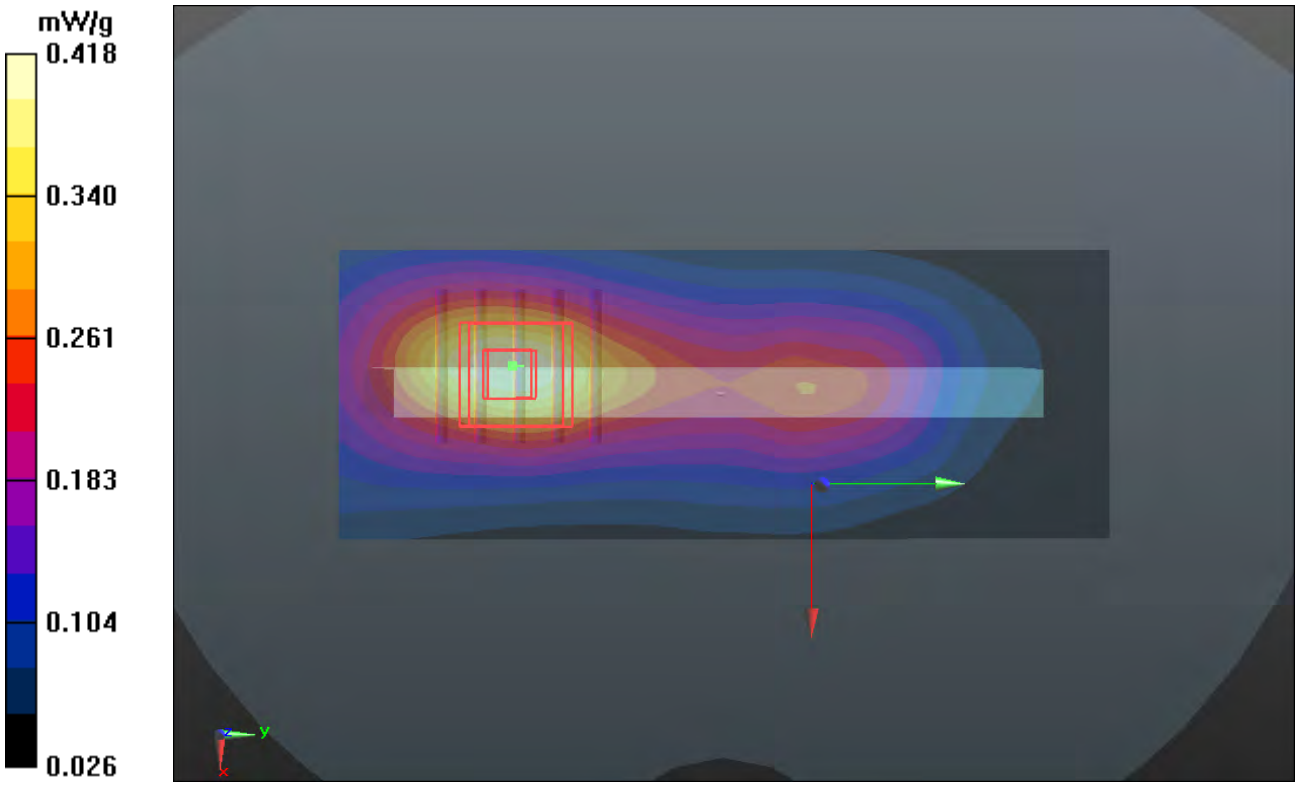
DUT: 120626C35

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0709 Medium parameters used: f = 1880 MHz; σ = 1.531 mho/m; ε_r = 54.018; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.04, 8.04, 8.04); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch18900/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.418 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.132 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.552 mW/g
SAR(1 g) = 0.346 mW/g; SAR(10 g) = 0.207 mW/g
Maximum value of SAR (measured) = 0.449 mW/g



P306 LTE 2_QPSK_10M_Right Side_1cm_Ch18900_1RB_Offset 49

DUT: 120626C35

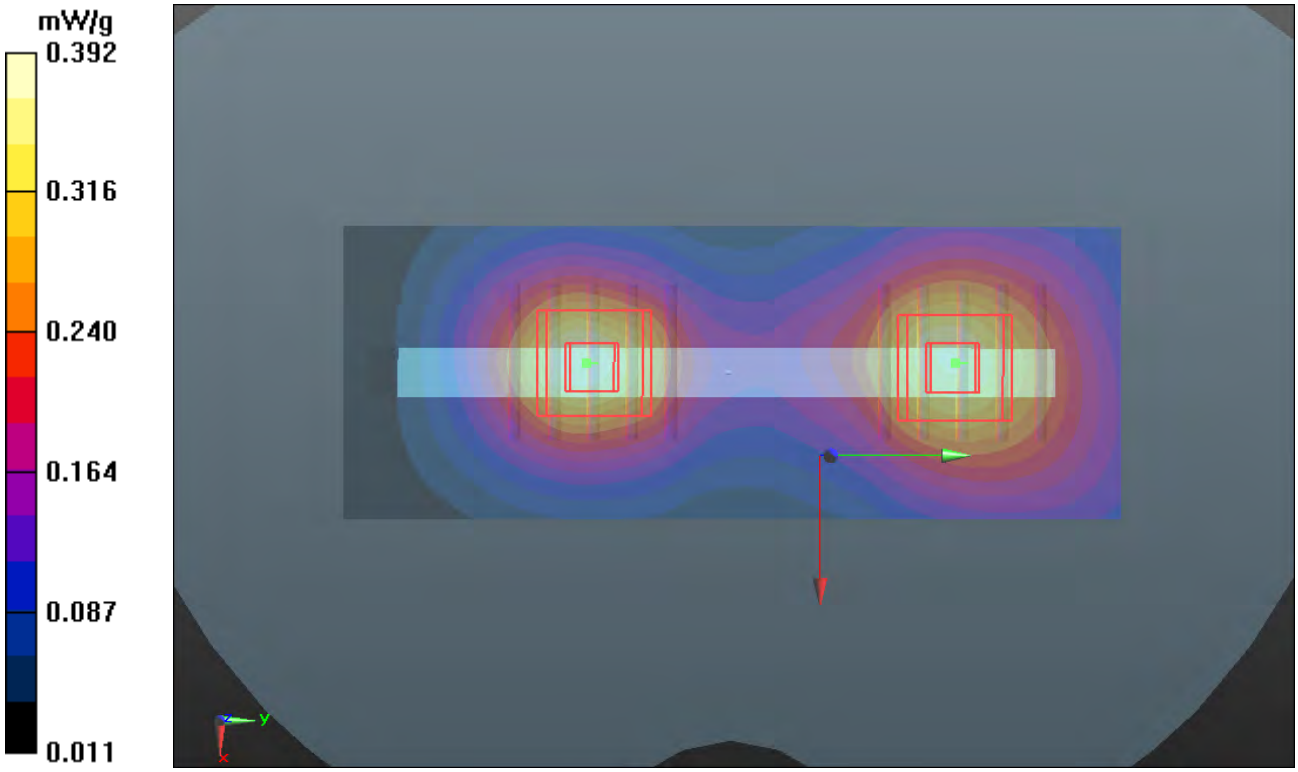
Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0709 Medium parameters used: f = 1880 MHz; σ = 1.531 mho/m; ε_r = 54.018; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.04, 8.04, 8.04); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch18900/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.392 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.764 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.485 mW/g
SAR(1 g) = 0.316 mW/g; SAR(10 g) = 0.196 mW/g
Maximum value of SAR (measured) = 0.408 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.764 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.480 mW/g
SAR(1 g) = 0.307 mW/g; SAR(10 g) = 0.186 mW/g
Maximum value of SAR (measured) = 0.402 mW/g



P308 LTE 2_QPSK_10M_Bottom Side_1cm_Ch18900_1RB_Offset 49

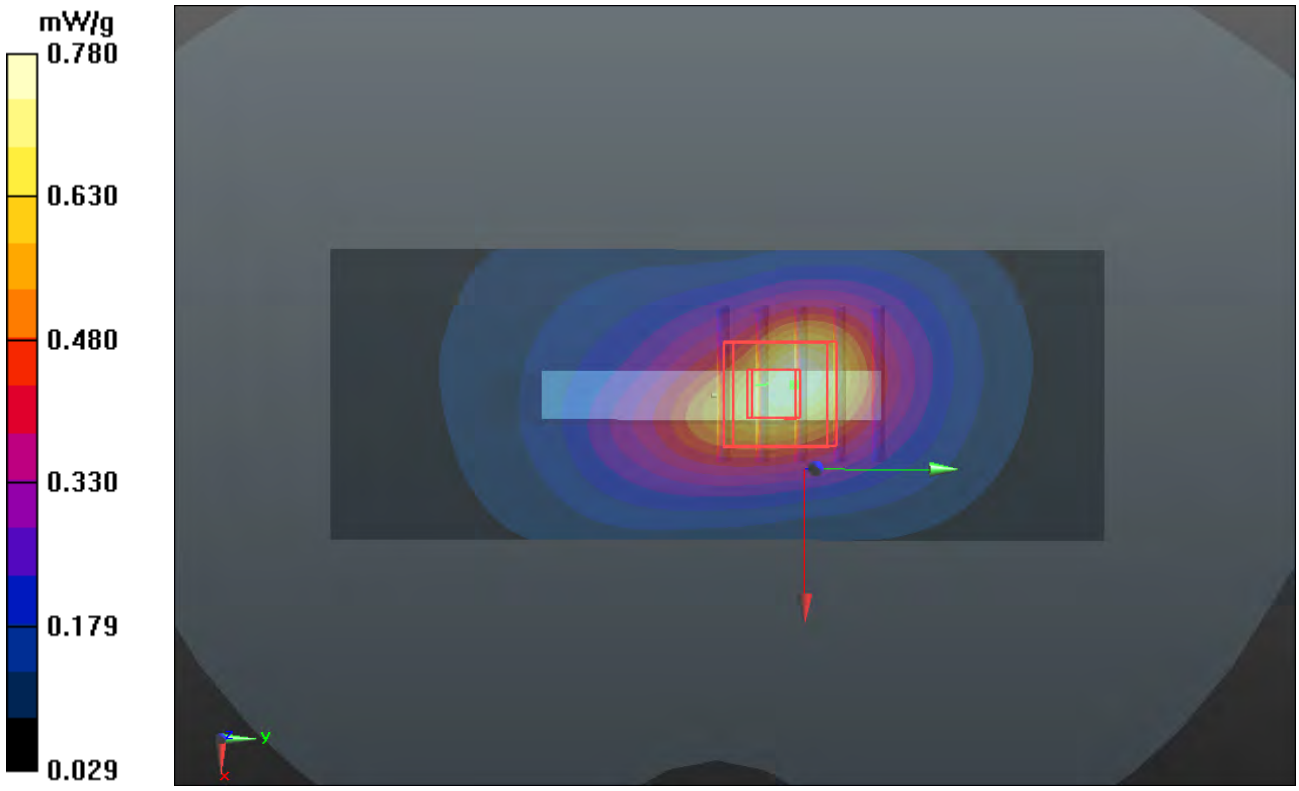
DUT: 120626C35

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0709 Medium parameters used: f = 1880 MHz; σ = 1.531 mho/m; ε_r = 54.018; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.04, 8.04, 8.04); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch18900/Area Scan (31x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.780 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.763 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.452 mW/g
SAR(1 g) = 0.849 mW/g; SAR(10 g) = 0.447 mW/g
Maximum value of SAR (measured) = 1.16 mW/g



P854 LTE 2_16QAM_10M_Front Face_1cm_Ch18900_1RB Offse 0

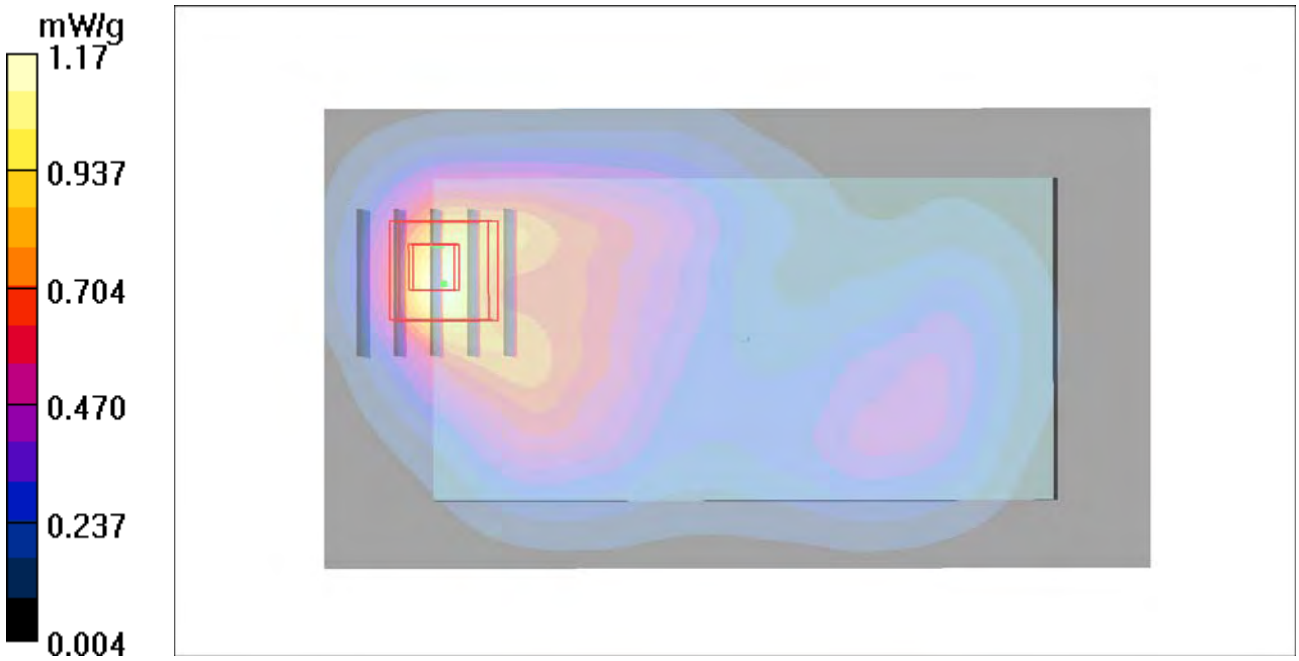
DUT: 126026C35

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_1022 Medium parameters used: f = 1880 MHz; σ = 1.53 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃; Liquid Temperature：20.2 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.04, 8.04, 8.04); Calibrated: 2011/12/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch18900/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.17 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.3 V/m; Power Drift = 0.053 dB
Peak SAR (extrapolated) = 1.29 W/kg
SAR(1 g) = 0.763 mW/g; SAR(10 g) = 0.439 mW/g
Maximum value of SAR (measured) = 1.01 mW/g



P326 LTE 2_QPSK_10M_Rear Face_1cm_Ch18650_25RB_Offset 12

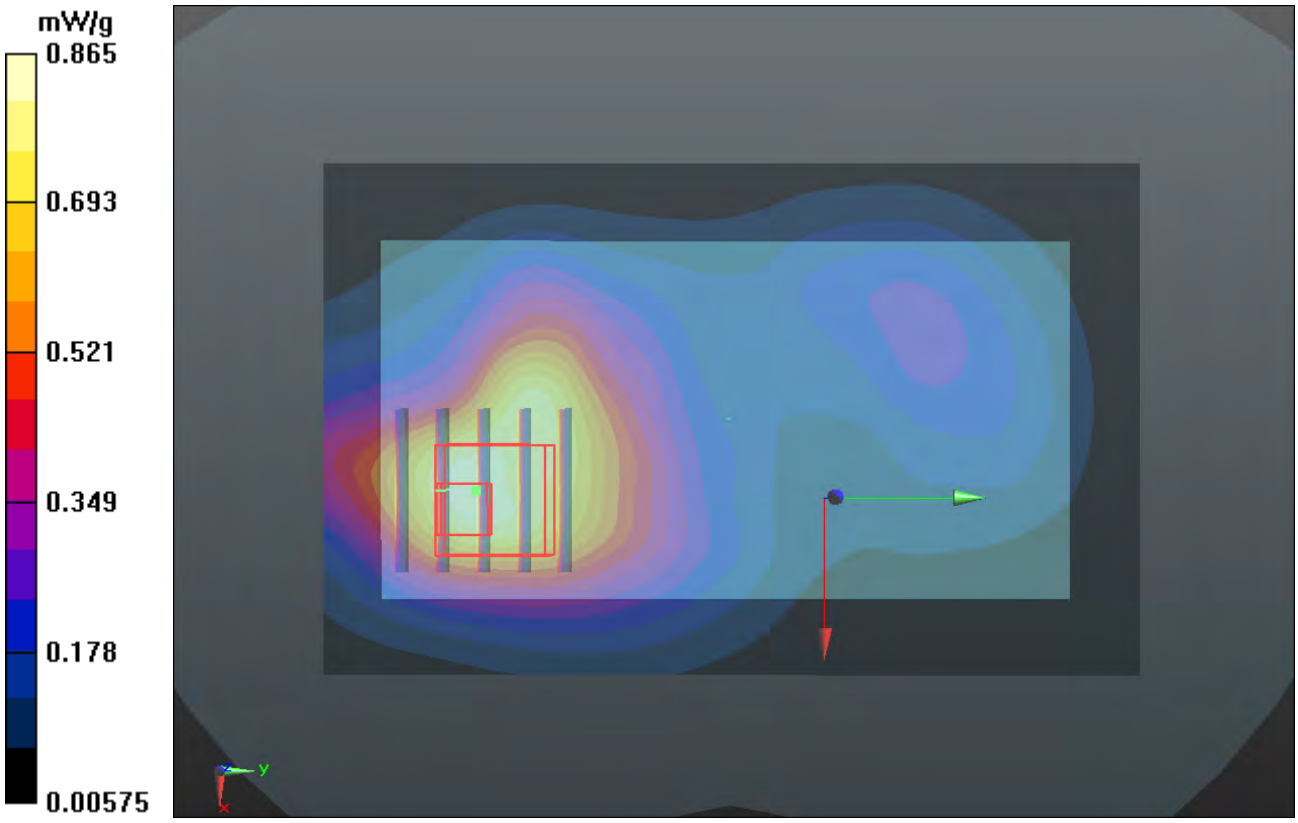
DUT: 120626C35

Communication System: LTE; Frequency: 1855 MHz;Duty Cycle: 1:1
Medium: B1900_0709 Medium parameters used: f = 1855 MHz; σ = 1.501 mho/m; ε_r = 54.111; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.04, 8.04, 8.04); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch18650/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.865 mW/g

Ch18650/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.623 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.192 mW/g
SAR(1 g) = 0.724 mW/g; SAR(10 g) = 0.433 mW/g
Maximum value of SAR (measured) = 0.914 mW/g



P327 LTE 2_QPSK_10M_Rear Face_1cm_Ch19150_25RB_Offset 12

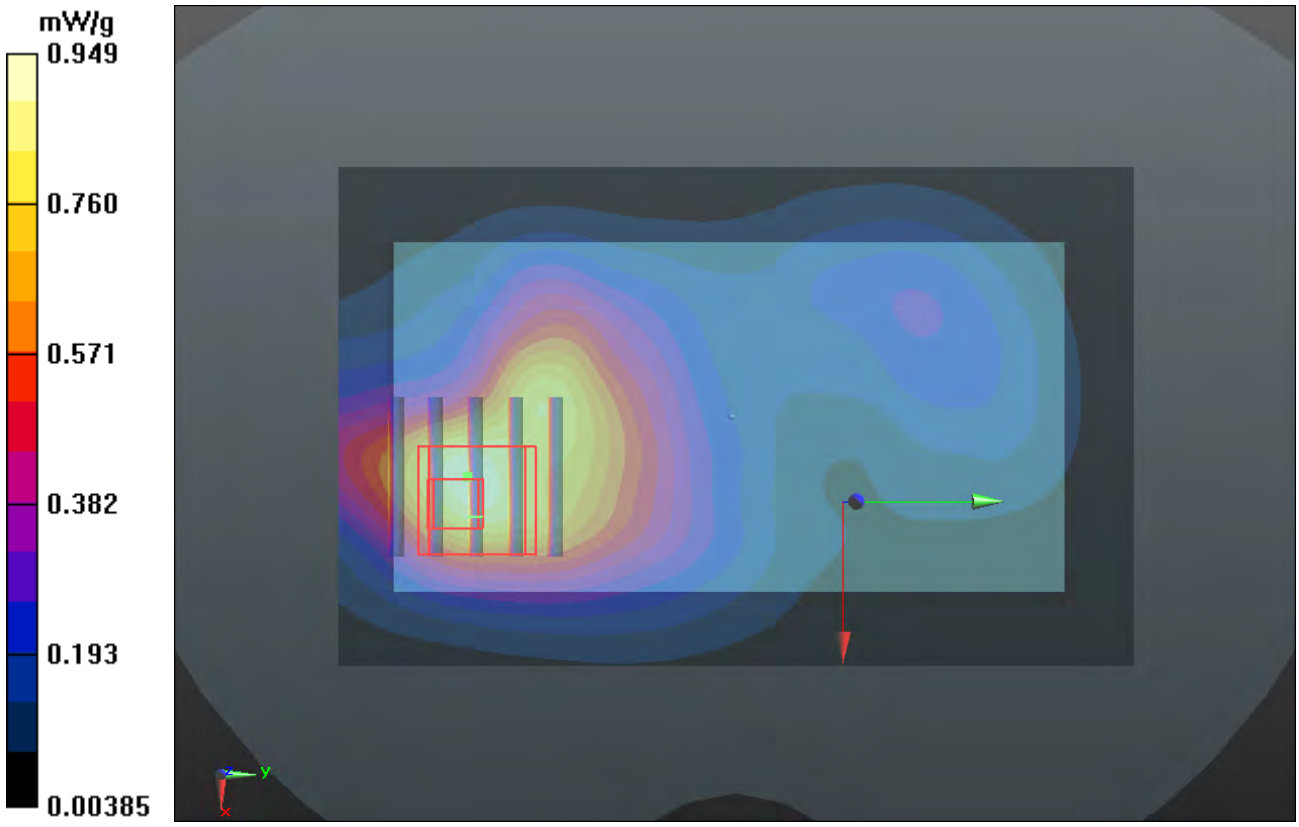
DUT: 120626C35

Communication System: LTE; Frequency: 1905 MHz;Duty Cycle: 1:1
Medium: B1900_0709 Medium parameters used: f = 1905 MHz; σ = 1.559 mho/m; ε_r = 53.954; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.04, 8.04, 8.04); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch19150/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.949 mW/g

Ch19150/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.092 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.325 mW/g
SAR(1 g) = 0.771 mW/g; SAR(10 g) = 0.441 mW/g
Maximum value of SAR (measured) = 1.03 mW/g



P309 LTE 2_16QAM_10M_Rear Face_1cm_Ch18900_25RB_Offset 12

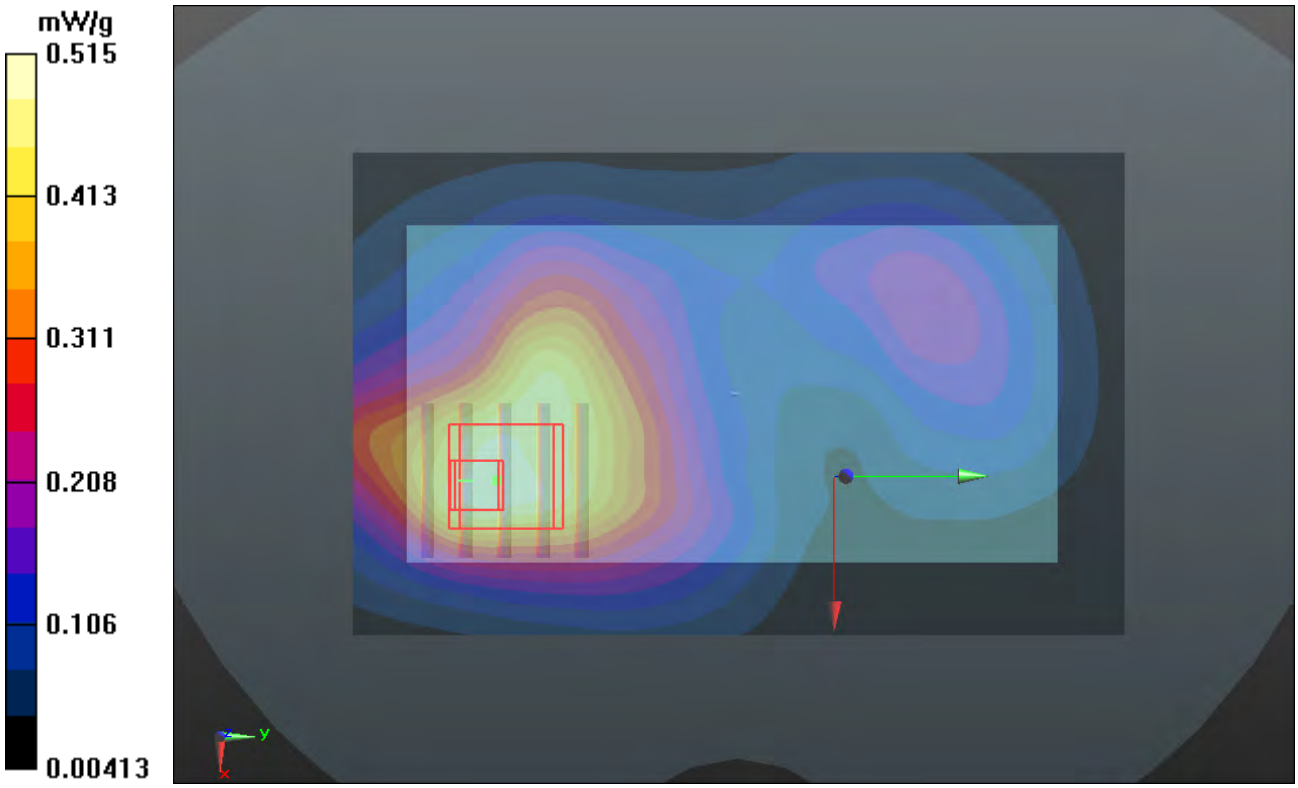
DUT: 120626C35

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0709 Medium parameters used: f = 1880 MHz; σ = 1.531 mho/m; ε_r = 54.018; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.04, 8.04, 8.04); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch18900/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.515 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.221 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.704 mW/g
SAR(1 g) = 0.429 mW/g; SAR(10 g) = 0.258 mW/g
Maximum value of SAR (measured) = 0.576 mW/g



P310 LTE 2_16QAM_10M_Rear Face_1cm_Ch18900_1RB_Offset 0

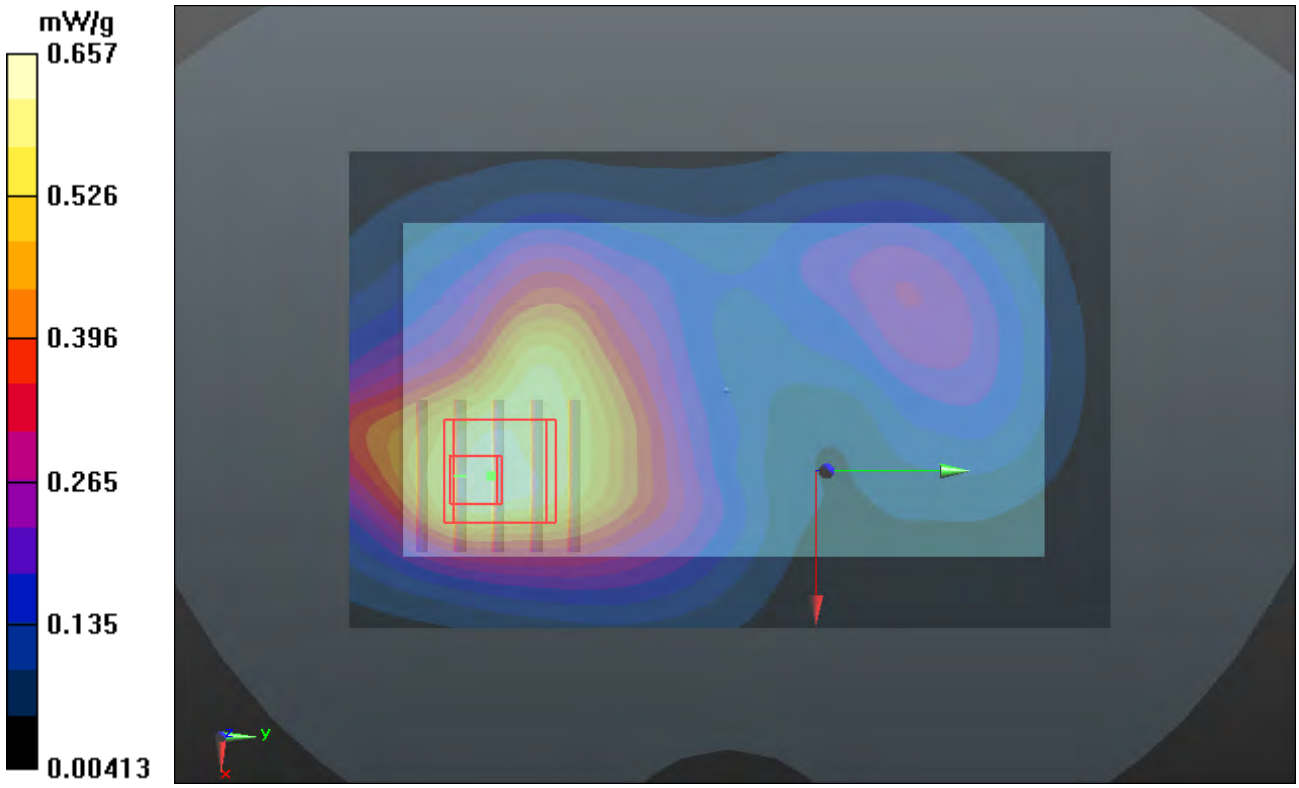
DUT: 120626C35

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0709 Medium parameters used: f = 1880 MHz; σ = 1.531 mho/m; ε_r = 54.018; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.04, 8.04, 8.04); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch18900/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.657 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.344 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.890 mW/g
SAR(1 g) = 0.549 mW/g; SAR(10 g) = 0.331 mW/g
Maximum value of SAR (measured) = 0.733 mW/g



P311 LTE 2_16QAM_10M_Rear Face_1cm_Ch18900_1RB_Offset 49

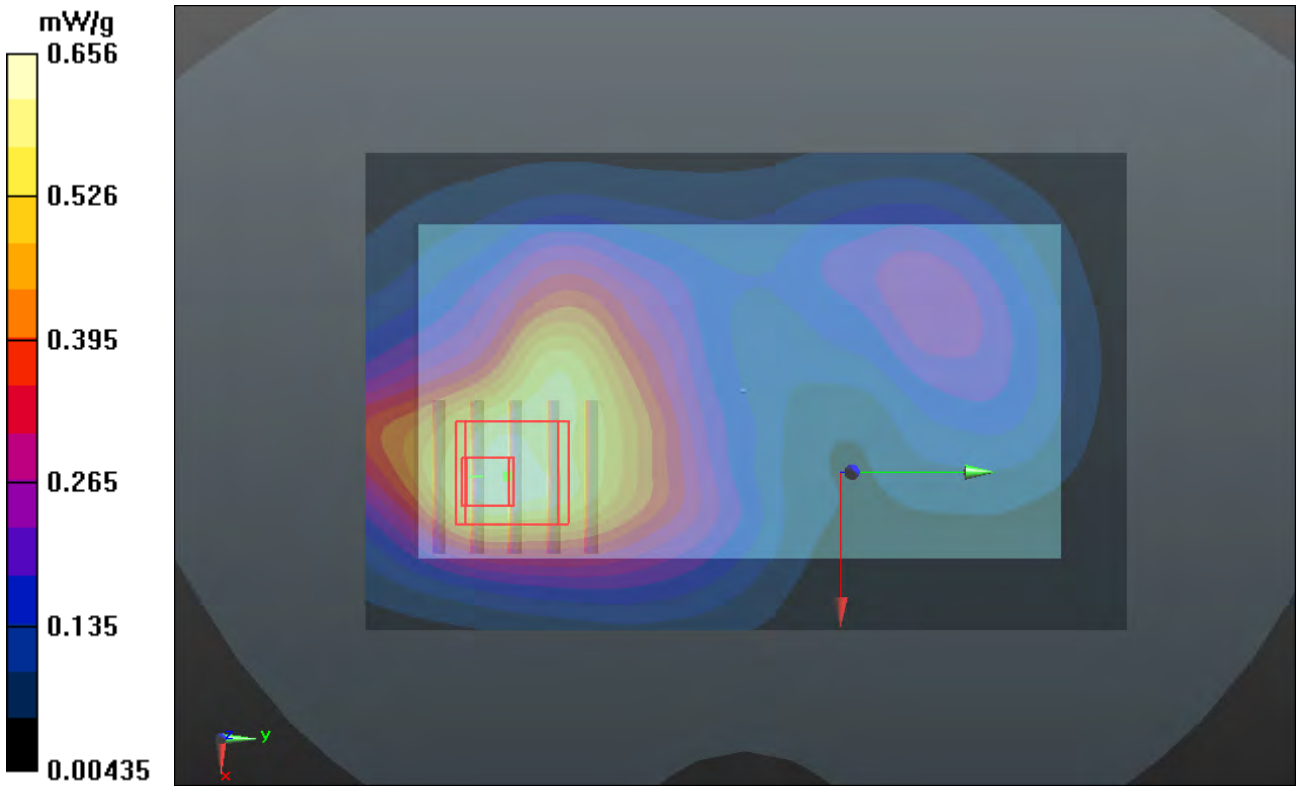
DUT: 120626C35

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0709 Medium parameters used: f = 1880 MHz; σ = 1.531 mho/m; ε_r = 54.018; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.04, 8.04, 8.04); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch18900/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.656 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.368 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.887 mW/g
SAR(1 g) = 0.546 mW/g; SAR(10 g) = 0.328 mW/g
Maximum value of SAR (measured) = 0.731 mW/g



P857 LTE 2_16QAM_10M_Left Side_1cm_Ch18900_1RB Offse 0

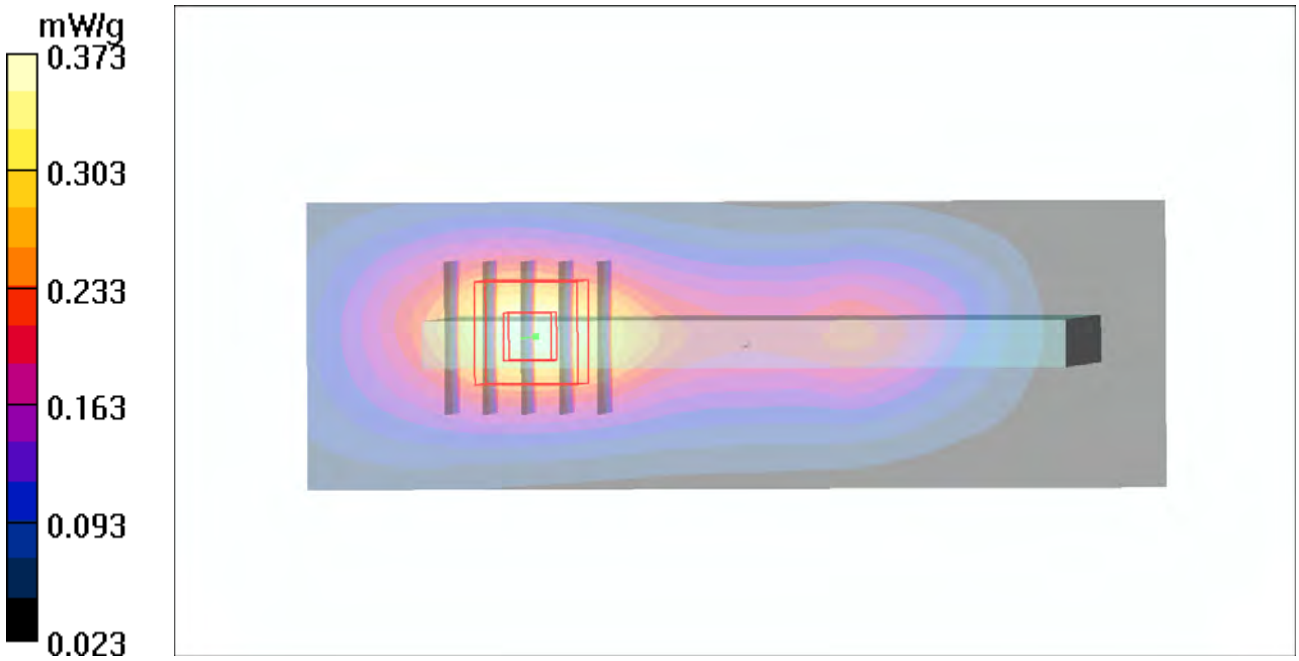
DUT: 126026C35

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_1022 Medium parameters used: f = 1880 MHz; σ = 1.53 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃; Liquid Temperature：20.2 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.04, 8.04, 8.04); Calibrated: 2011/12/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch18900/Area Scan (31x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.373 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.7 V/m; Power Drift = 0.063 dB
Peak SAR (extrapolated) = 0.488 W/kg
SAR(1 g) = 0.295 mW/g; SAR(10 g) = 0.172 mW/g
Maximum value of SAR (measured) = 0.396 mW/g



P860 LTE 2_16QAM_10M_Right Side_1cm_Ch18900_1RB Offse 0

DUT: 126026C35

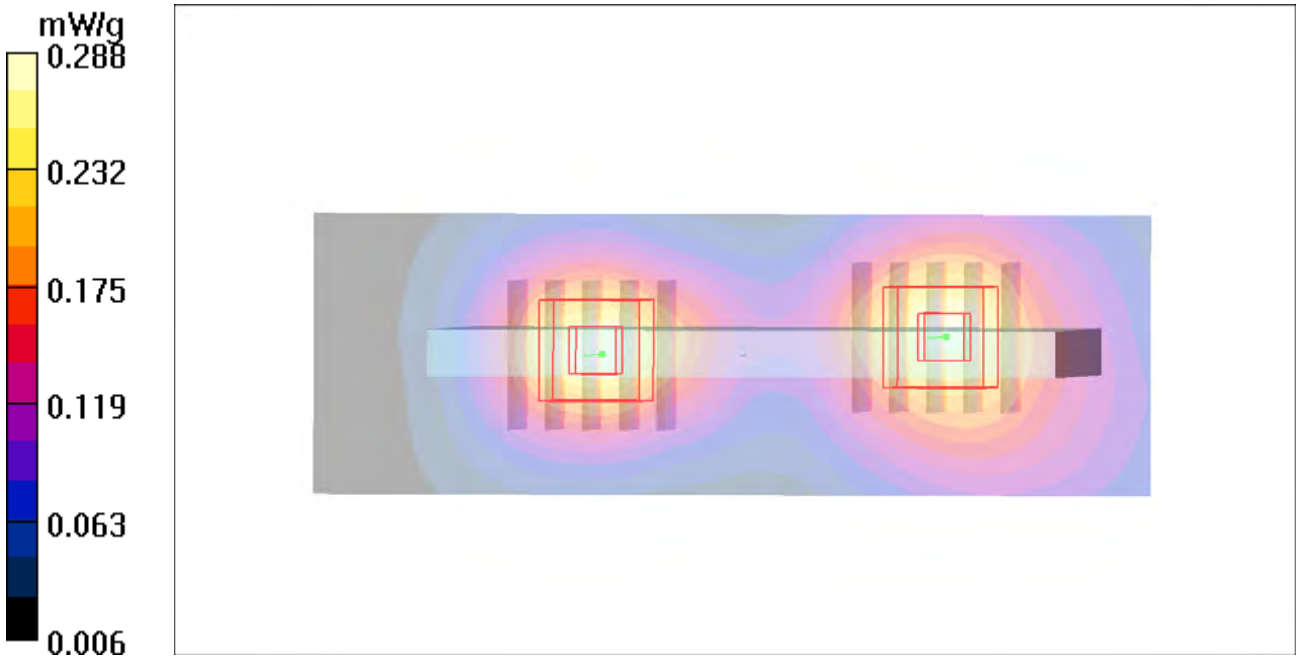
Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_1022 Medium parameters used: f = 1880 MHz; σ = 1.53 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃; Liquid Temperature：20.2 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.04, 8.04, 8.04); Calibrated: 2011/12/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch18900/Area Scan (31x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.288 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.60 V/m; Power Drift = 0.038 dB
Peak SAR (extrapolated) = 0.354 W/kg
SAR(1 g) = 0.225 mW/g; SAR(10 g) = 0.137 mW/g
Maximum value of SAR (measured) = 0.294 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.60 V/m; Power Drift = 0.038 dB
Peak SAR (extrapolated) = 0.353 W/kg
SAR(1 g) = 0.222 mW/g; SAR(10 g) = 0.133 mW/g
Maximum value of SAR (measured) = 0.292 mW/g



P863 LTE 2_16QAM_10M_Bottom Side_1cm_Ch18900_1RB Offse 0

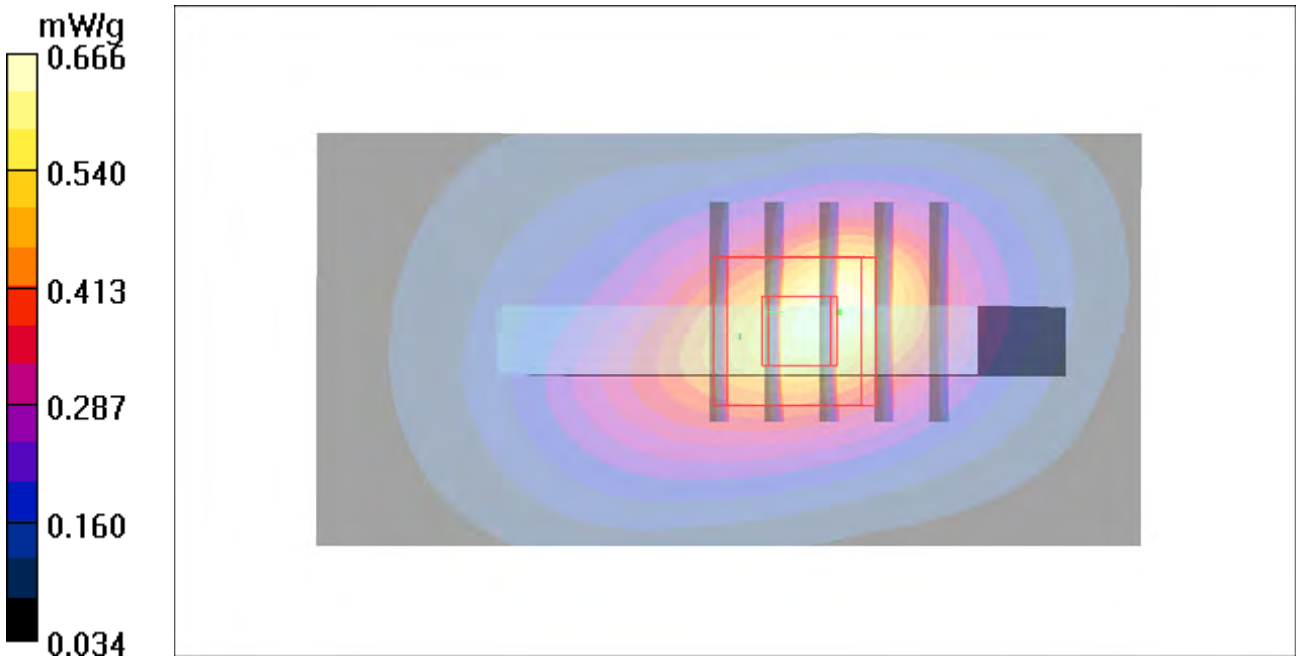
DUT: 126026C35

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_1022 Medium parameters used: f = 1880 MHz; σ = 1.53 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃; Liquid Temperature：20.2 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.04, 8.04, 8.04); Calibrated: 2011/12/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch18900/Area Scan (31x61x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.666 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.8 V/m; Power Drift = -0.025 dB
Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.661 mW/g; SAR(10 g) = 0.345 mW/g
Maximum value of SAR (measured) = 0.885 mW/g



P312 LTE 2_QPSK_10M_Front Face_1cm_Ch18900_25RB_Offset 12_Earphone

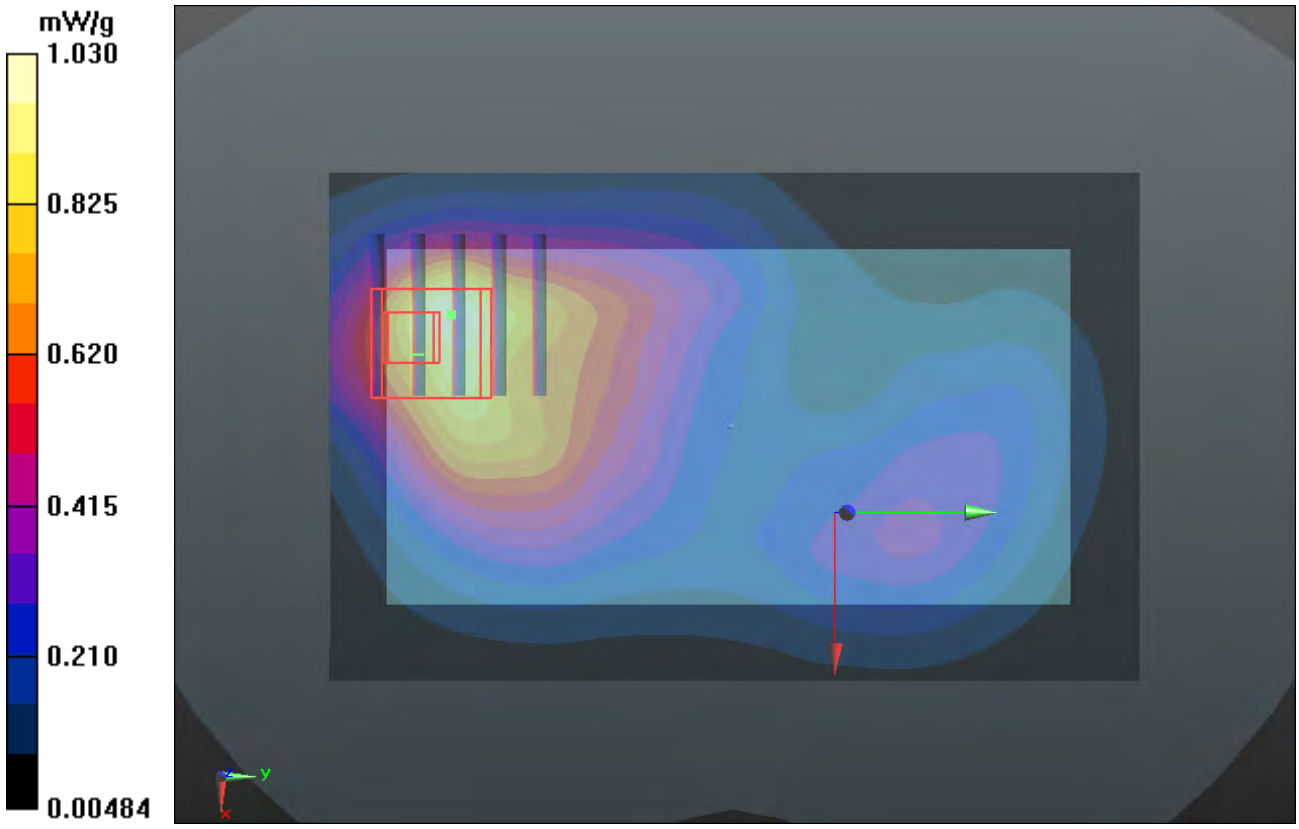
DUT: 120626C35

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0709 Medium parameters used: f = 1880 MHz; σ = 1.531 mho/m; ε_r = 54.018; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.04, 8.04, 8.04); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch18900/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.03 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.641 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.249 mW/g
SAR(1 g) = 0.756 mW/g; SAR(10 g) = 0.444 mW/g
Maximum value of SAR (measured) = 0.995 mW/g



P313 LTE 2_QPSK_10M_Rear Face_1cm_Ch18900_25RB_Offset_Earphone 12

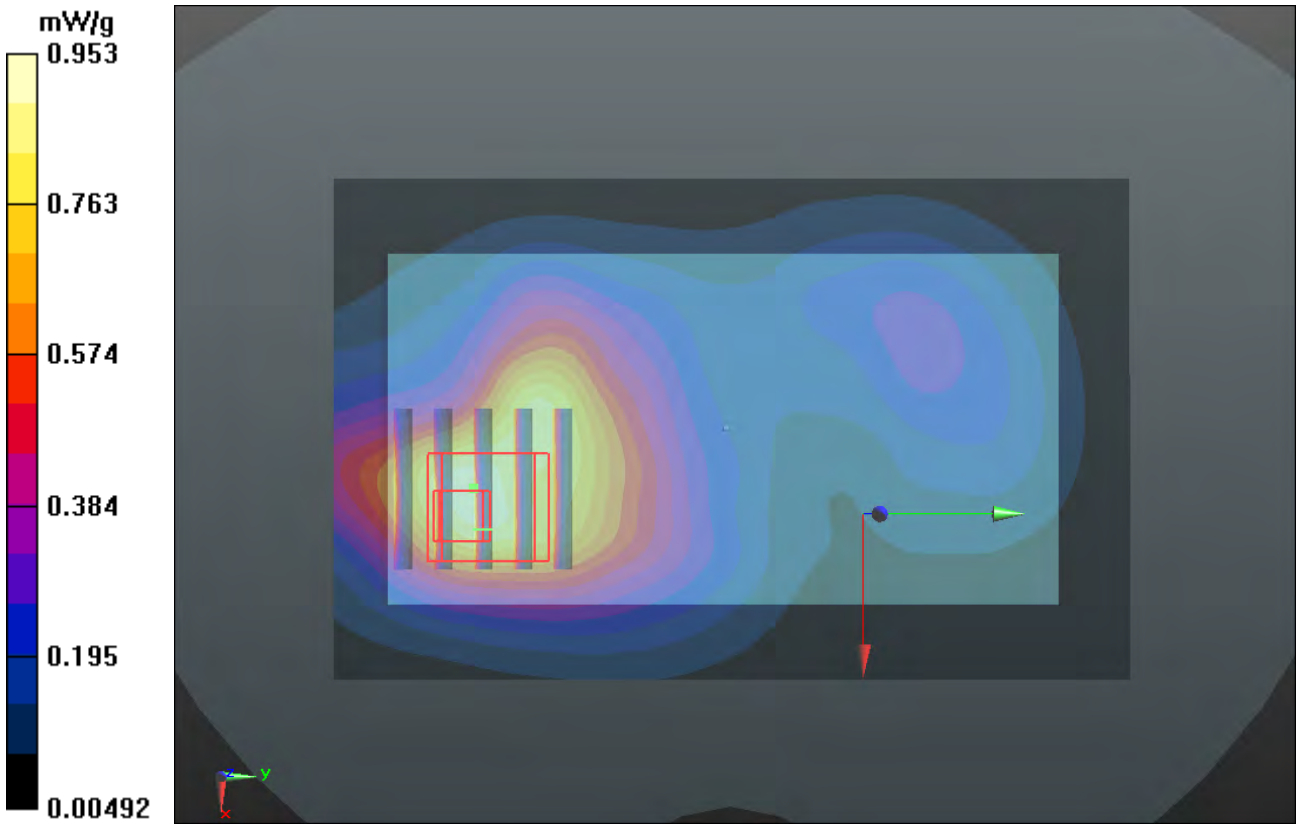
DUT: 120626C35

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0709 Medium parameters used: f = 1880 MHz; σ = 1.531 mho/m; ε_r = 54.018; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.04, 8.04, 8.04); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch18900/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.953 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.148 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.326 mW/g
SAR(1 g) = 0.787 mW/g; SAR(10 g) = 0.459 mW/g
Maximum value of SAR (measured) = 1.05 mW/g



P314 LTE 2_QPSK_10M_Front Face_1cm_Ch18900_1RB_Offset 0_Earphone

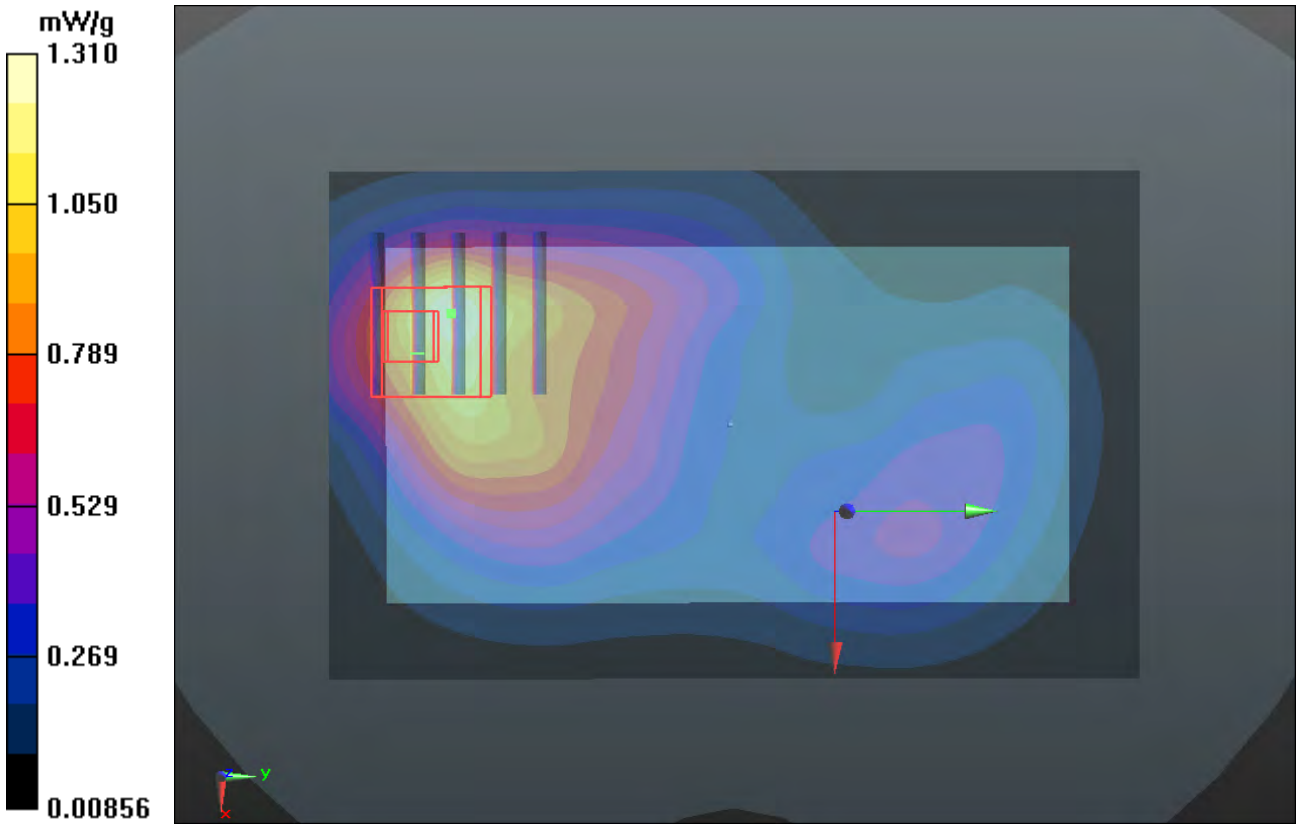
DUT: 120626C35

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0709 Medium parameters used: f = 1880 MHz; σ = 1.531 mho/m; ε_r = 54.018; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.04, 8.04, 8.04); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch18900/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.31 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.312 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.583 mW/g
SAR(1 g) = 0.960 mW/g; SAR(10 g) = 0.565 mW/g
Maximum value of SAR (measured) = 1.26 mW/g



Test Laboratory: Bureau Veritas ADT SAR/HAC Testing Lab Date: 2012/07/09

P315 LTE 2_QPSK_10M_Rear Face_1cm_Ch18900_1RB_Offset 0_Earphone

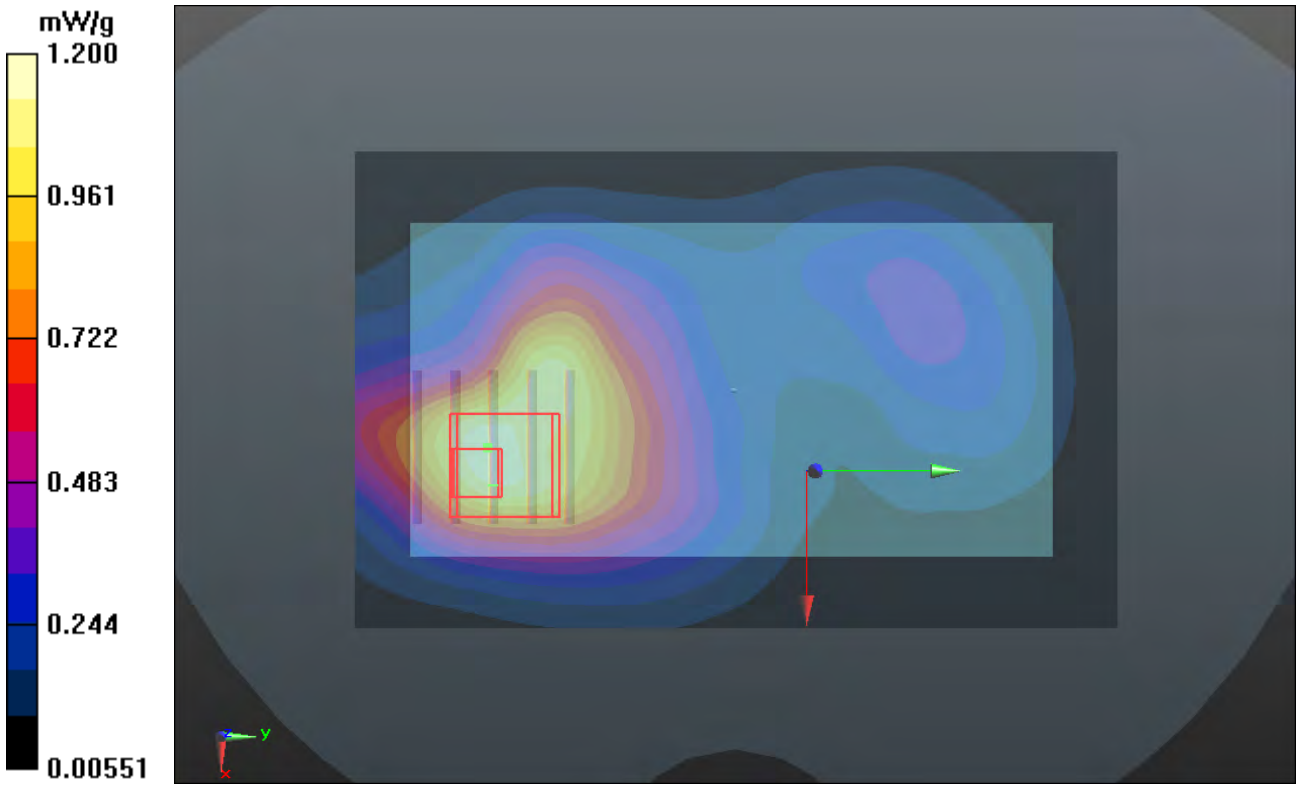
DUT: 120626C35

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0709 Medium parameters used: f = 1880 MHz; σ = 1.531 mho/m; ε_r = 54.018; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.04, 8.04, 8.04); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch18900/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.20 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.549 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.675 mW/g
SAR(1 g) = 0.998 mW/g; SAR(10 g) = 0.587 mW/g
Maximum value of SAR (measured) = 1.32 mW/g



P316 LTE 2_QPSK_10M_Front Face_1cm_Ch18900_1RB_Offset 49_Earphone

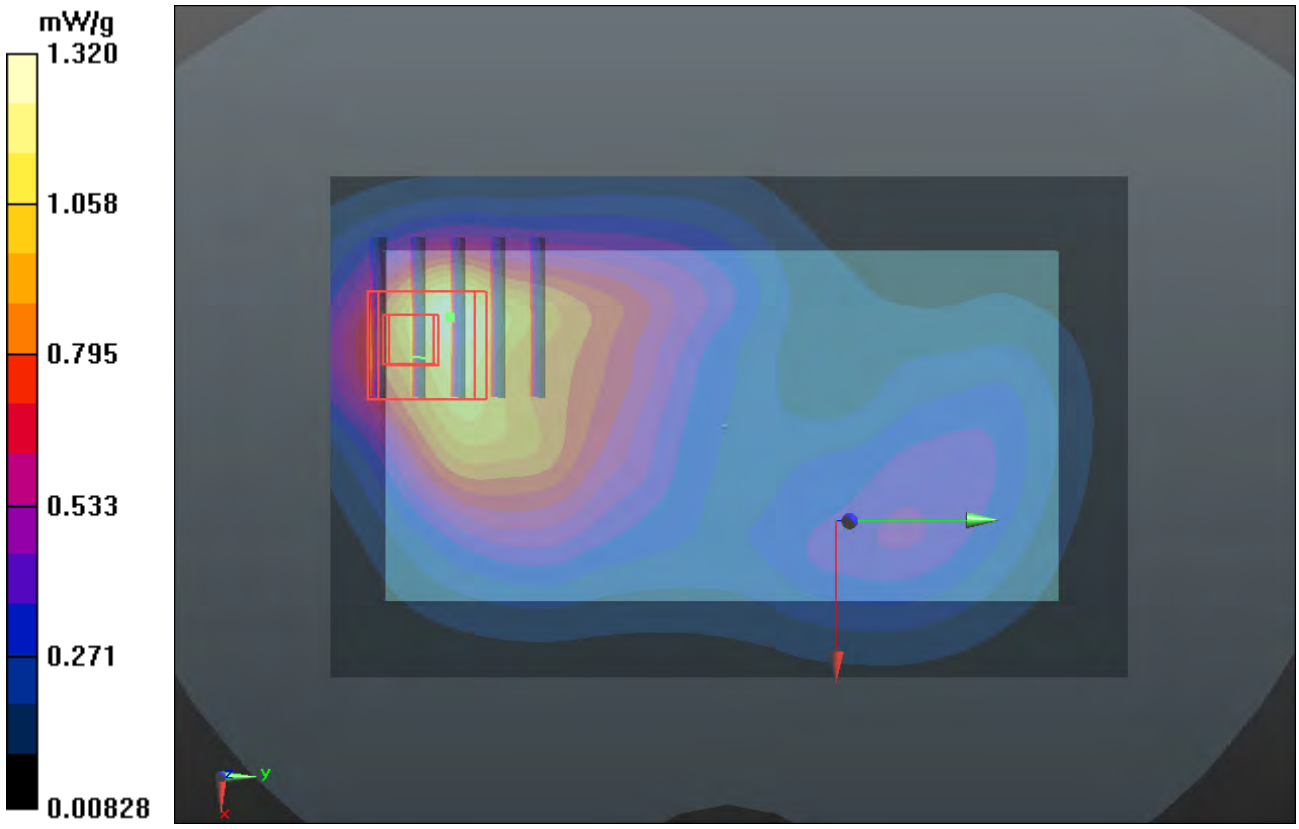
DUT: 120626C35

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0709 Medium parameters used: f = 1880 MHz; σ = 1.531 mho/m; ε_r = 54.018; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.04, 8.04, 8.04); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch18900/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.32 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.195 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.616 mW/g
SAR(1 g) = 0.978 mW/g; SAR(10 g) = 0.573 mW/g
Maximum value of SAR (measured) = 1.29 mW/g



P317 LTE 2_QPSK_10M_Rear Face_1cm_Ch18900_1RB_Offset 49_Earphone

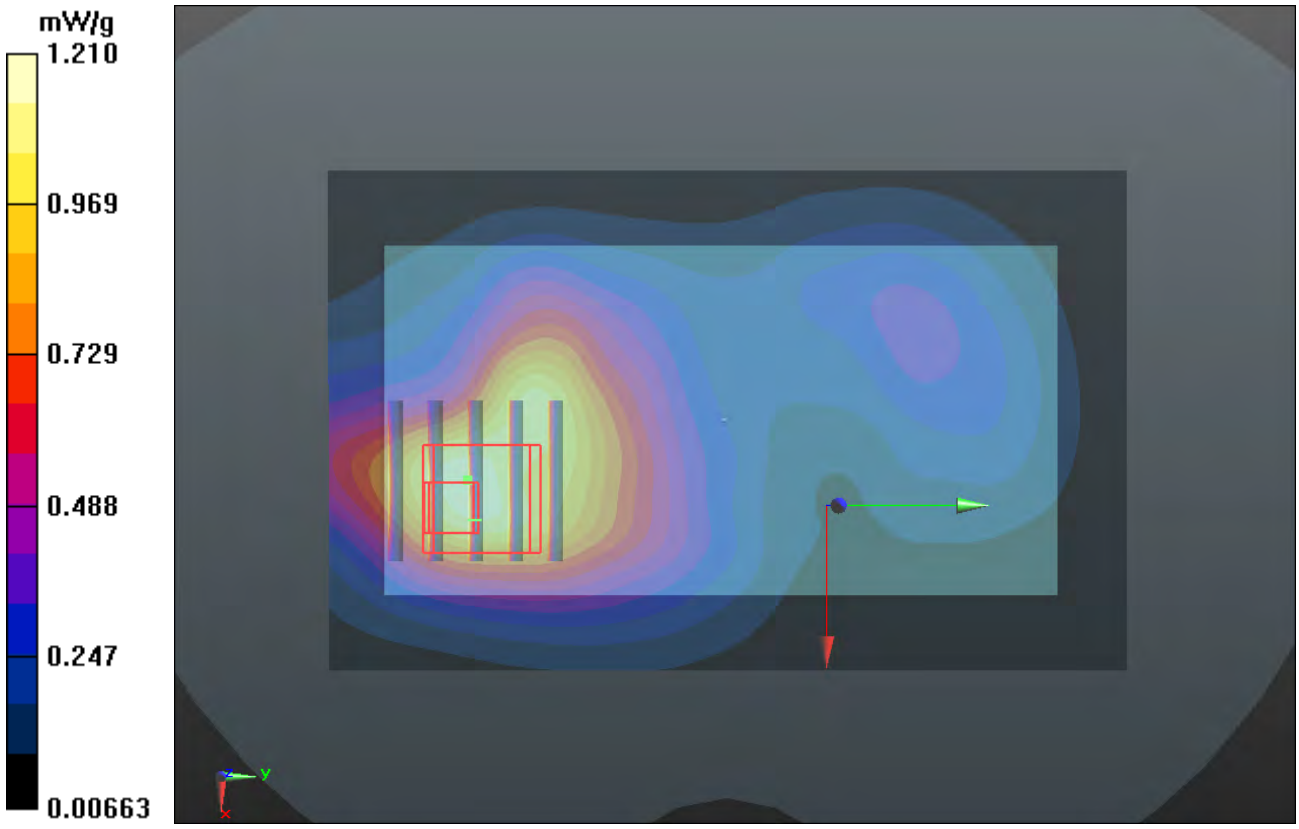
DUT: 120626C35

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0709 Medium parameters used: f = 1880 MHz; σ = 1.531 mho/m; ε_r = 54.018; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.04, 8.04, 8.04); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch18900/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.21 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.788 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.700 mW/g
SAR(1 g) = 1 mW/g; SAR(10 g) = 0.584 mW/g
Maximum value of SAR (measured) = 1.33 mW/g



P843 LTE 2_16QAM_10M_Front Face_1cm_Ch18900_1RB Offse 49_Earphone

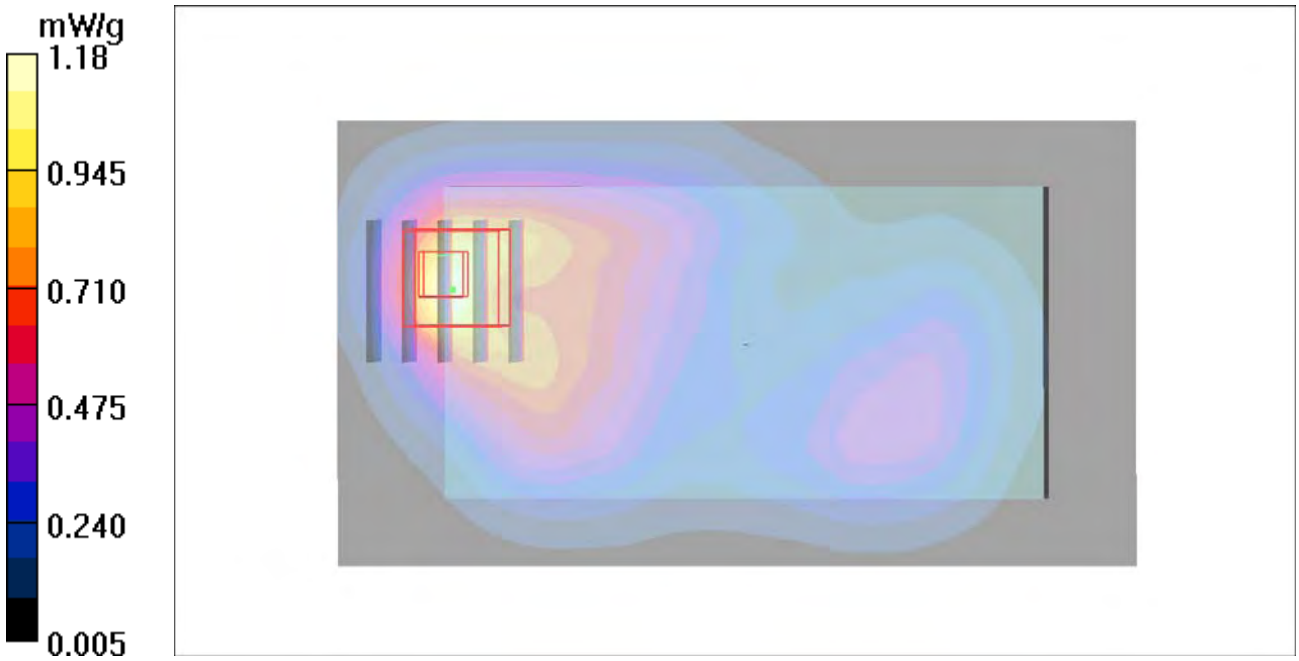
DUT: 126026C35

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_1022 Medium parameters used: f = 1880 MHz; σ = 1.53 mho/m; ε_r = 52.6; ρ = 1000 kg/m^3
Ambient Temperature：21.2 ℃; Liquid Temperature：20.2 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.04, 8.04, 8.04); Calibrated: 2011/12/16
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Left; Type: SAM V4.0; Serial: TP 1652
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch18900/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.18 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.2 V/m; Power Drift = -0.002 dB
Peak SAR (extrapolated) = 1.28 W/kg
SAR(1 g) = 0.754 mW/g; SAR(10 g) = 0.436 mW/g
Maximum value of SAR (measured) = 1.01 mW/g



P318 LTE 2_16QAM_10M_Rear Face_1cm_Ch18900_25RB_Offset 12_Earphone

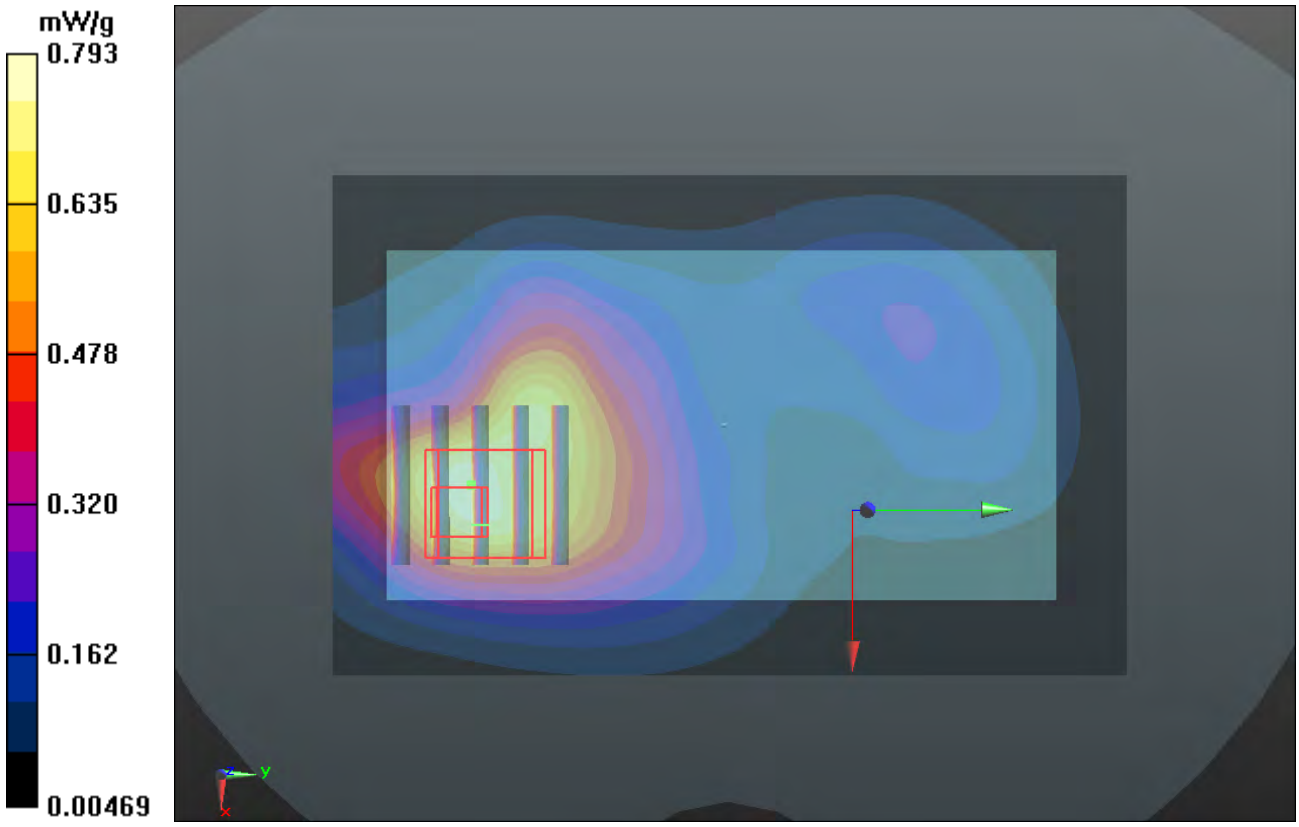
DUT: 120626C35

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0709 Medium parameters used: f = 1880 MHz; σ = 1.531 mho/m; ε_r = 54.018; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.04, 8.04, 8.04); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch18900/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.793 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.878 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.097 mW/g
SAR(1 g) = 0.654 mW/g; SAR(10 g) = 0.382 mW/g
Maximum value of SAR (measured) = 0.860 mW/g



P319 LTE 2_16QAM_10M_Rear Face_1cm_Ch18900_1RB_Offset 0_Earphone

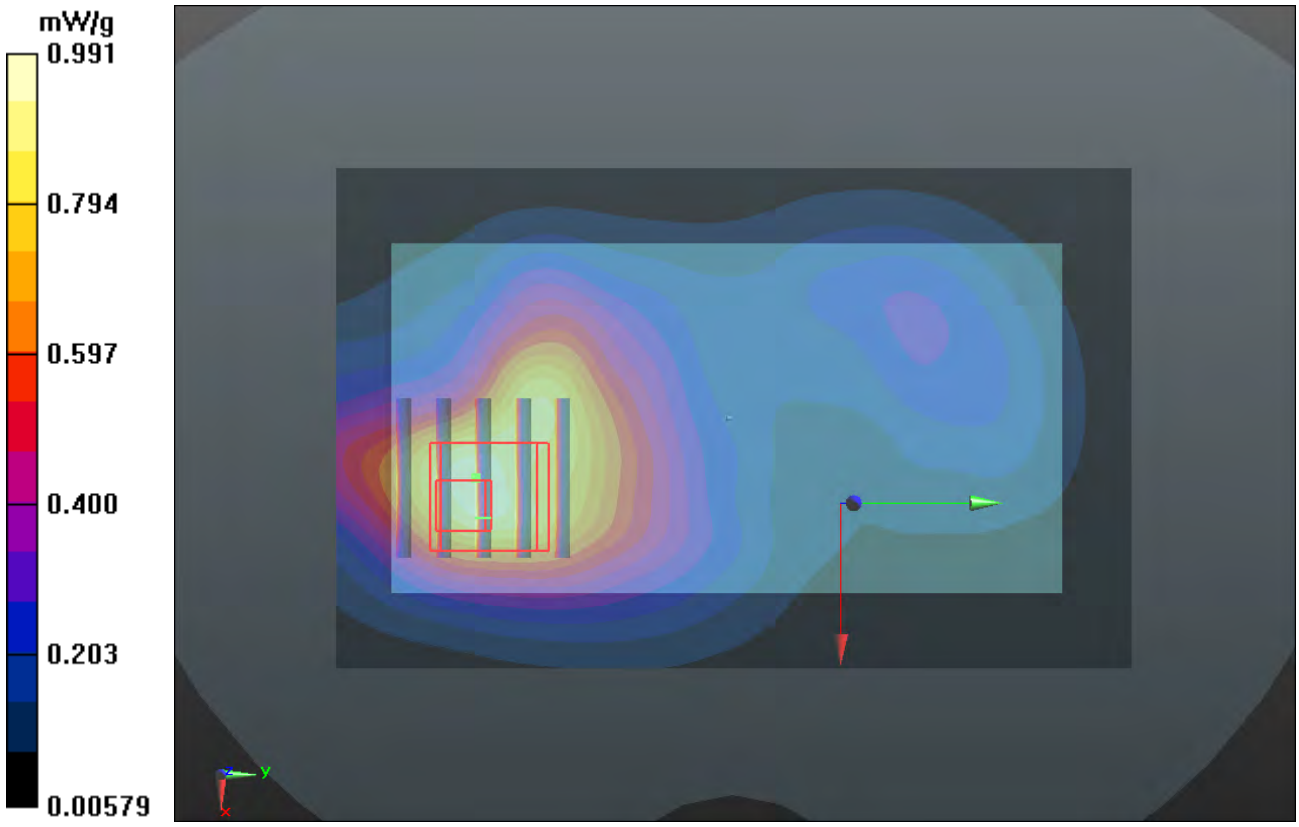
DUT: 120626C35

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0709 Medium parameters used: f = 1880 MHz; σ = 1.531 mho/m; ε_r = 54.018; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.04, 8.04, 8.04); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch18900/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.991 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.129 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.380 mW/g
SAR(1 g) = 0.822 mW/g; SAR(10 g) = 0.482 mW/g
Maximum value of SAR (measured) = 1.09 mW/g



P320 LTE 2_16QAM_10M_Rear Face_1cm_Ch18900_1RB_Offset 49_Earphone

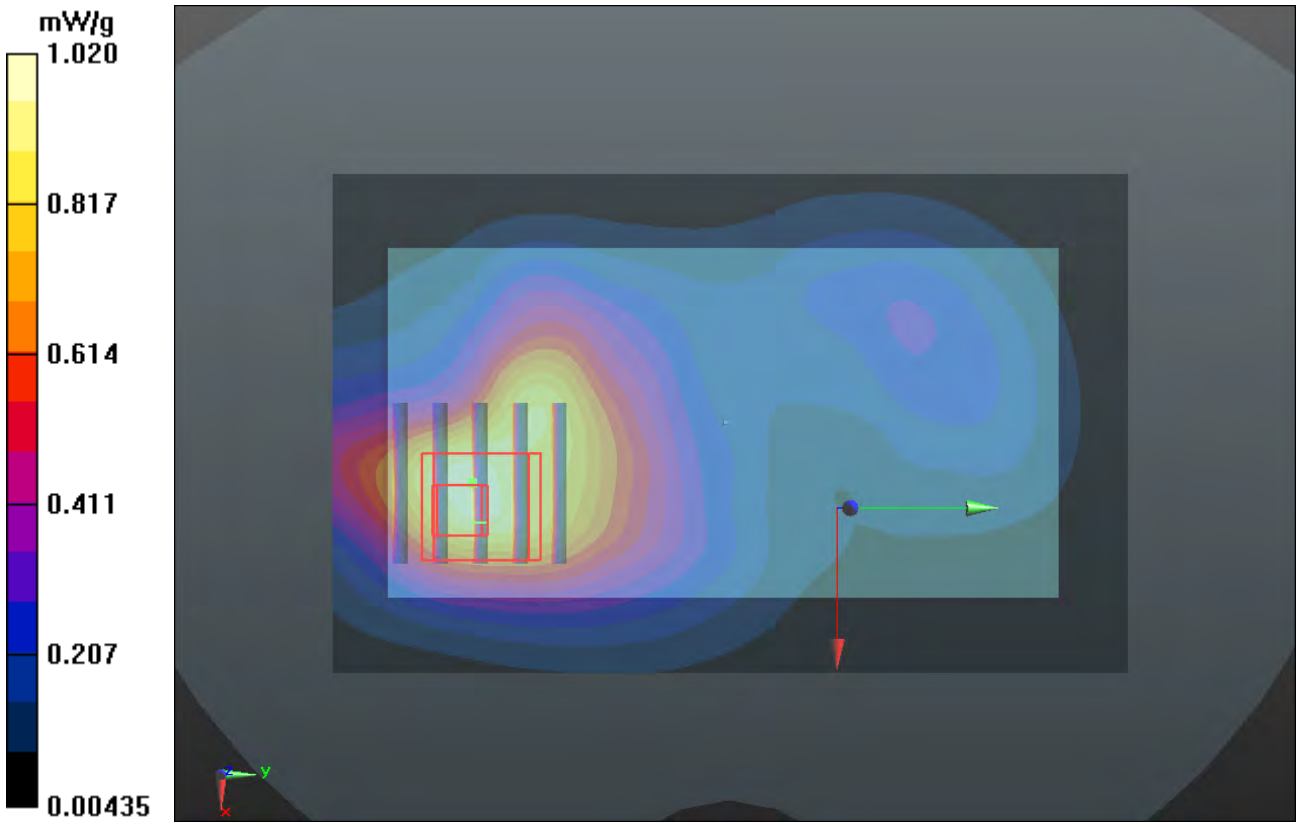
DUT: 120626C35

Communication System: LTE; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: B1900_0709 Medium parameters used: f = 1880 MHz; σ = 1.531 mho/m; ε_r = 54.018; ρ = 1000 kg/m^3
Ambient Temperature：21.8 ℃; Liquid Temperature：20.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3820; ConvF(8.04, 8.04, 8.04); Calibrated: 2011/12/16;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn579; Calibrated: 2012/04/27
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch18900/Area Scan (51x81x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.02 mW/g

Ch18900/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.264 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.406 mW/g
SAR(1 g) = 0.833 mW/g; SAR(10 g) = 0.485 mW/g
Maximum value of SAR (measured) = 1.10 mW/g



P105 802.11b_Front Face_Ch11

DUT: 126026C35

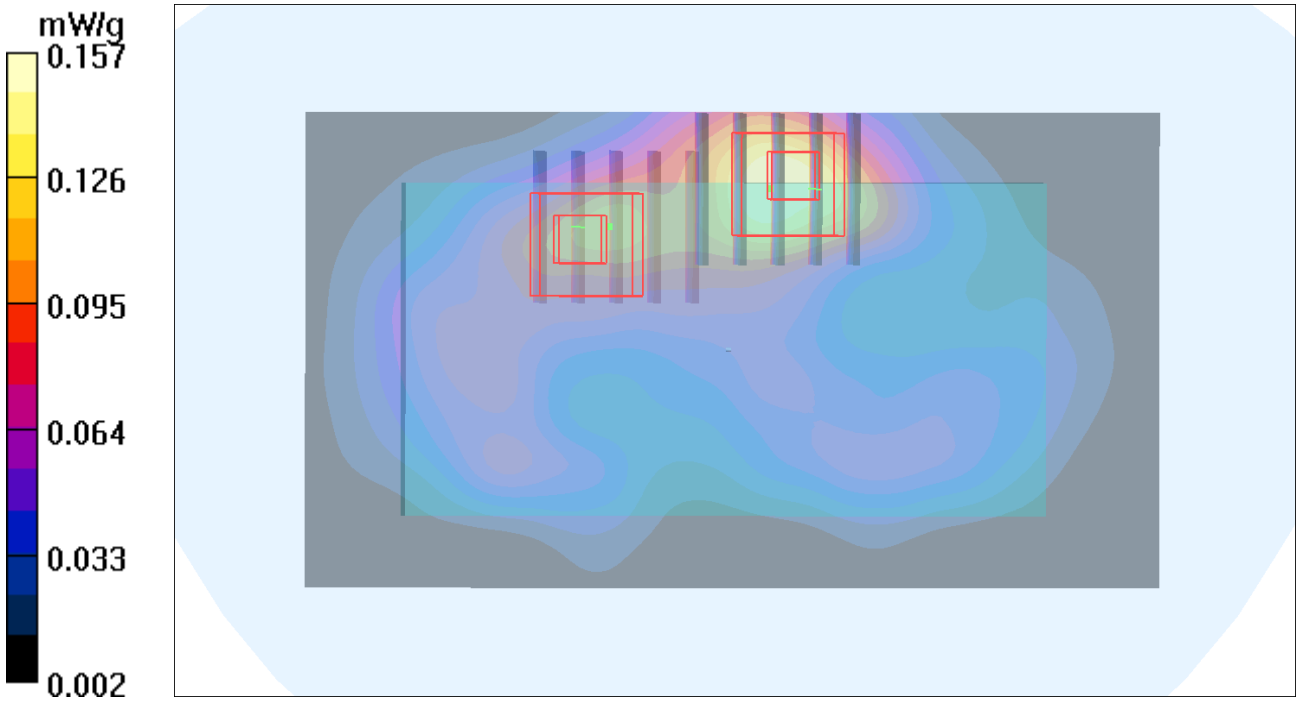
Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: B2450_0706 Medium parameters used: f = 2462 MHz; σ = 2 mho/m; ε_r = 54.2; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.2 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.8, 7.8, 7.8); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.145 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.66 V/m; Power Drift = 0.042 dB
Peak SAR (extrapolated) = 0.217 W/kg
SAR(1 g) = 0.110 mW/g; SAR(10 g) = 0.059 mW/g
Maximum value of SAR (measured) = 0.157 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.66 V/m; Power Drift = 0.042 dB
Peak SAR (extrapolated) = 0.158 W/kg
SAR(1 g) = 0.084 mW/g; SAR(10 g) = 0.045 mW/g
Maximum value of SAR (measured) = 0.115 mW/g



P106 802.11b_Rear Face_Ch11

DUT: 126026C35

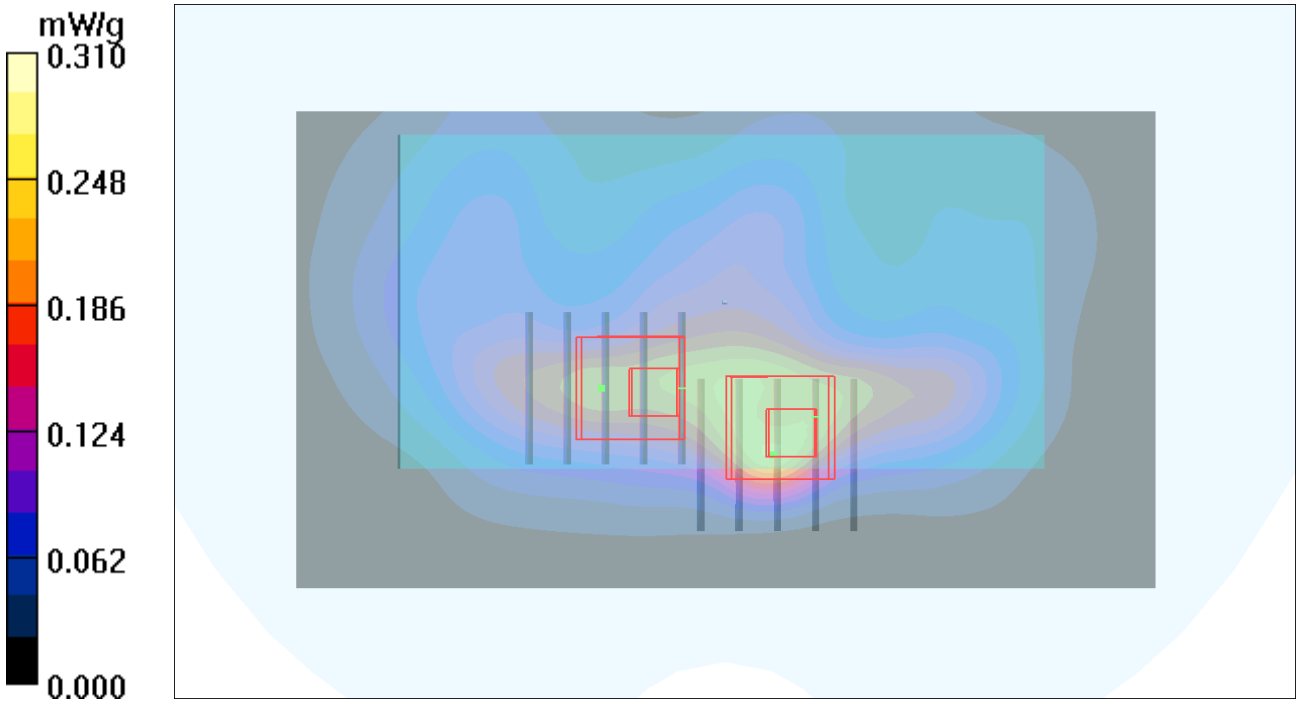
Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: B2450_0706 Medium parameters used: f = 2462 MHz; σ = 2 mho/m; ε_r = 54.2; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.2 ℃

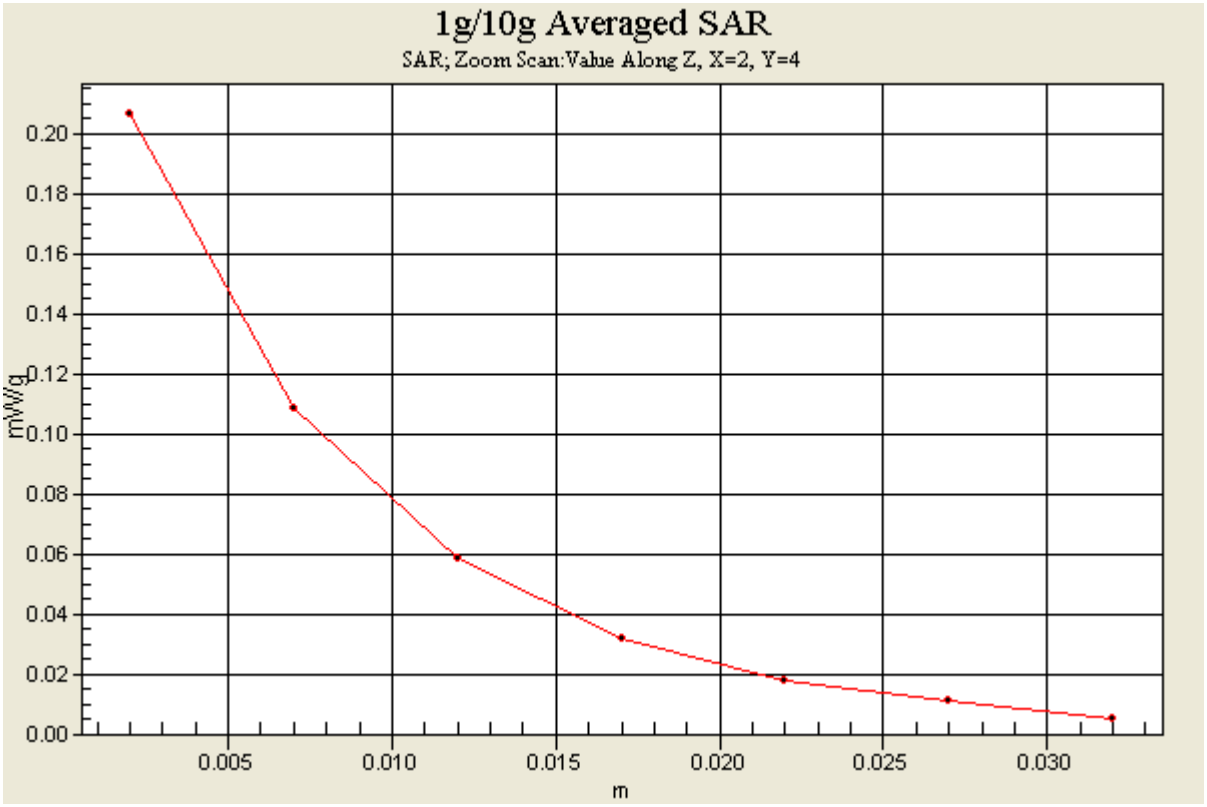
DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.8, 7.8, 7.8); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.252 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.79 V/m; Power Drift = -0.040 dB
Peak SAR (extrapolated) = 0.433 W/kg
SAR(1 g) = 0.203 mW/g; SAR(10 g) = 0.105 mW/g
Maximum value of SAR (measured) = 0.310 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.79 V/m; Power Drift = -0.040 dB
Peak SAR (extrapolated) = 0.279 W/kg
SAR(1 g) = 0.145 mW/g; SAR(10 g) = 0.081 mW/g
Maximum value of SAR (measured) = 0.207 mW/g




1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=4
mW/g
0.20
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
0.005
0.010
0.015
0.020
0.025
0.030
m

P107 802.11b_Left Side_Ch11

DUT: 126026C35

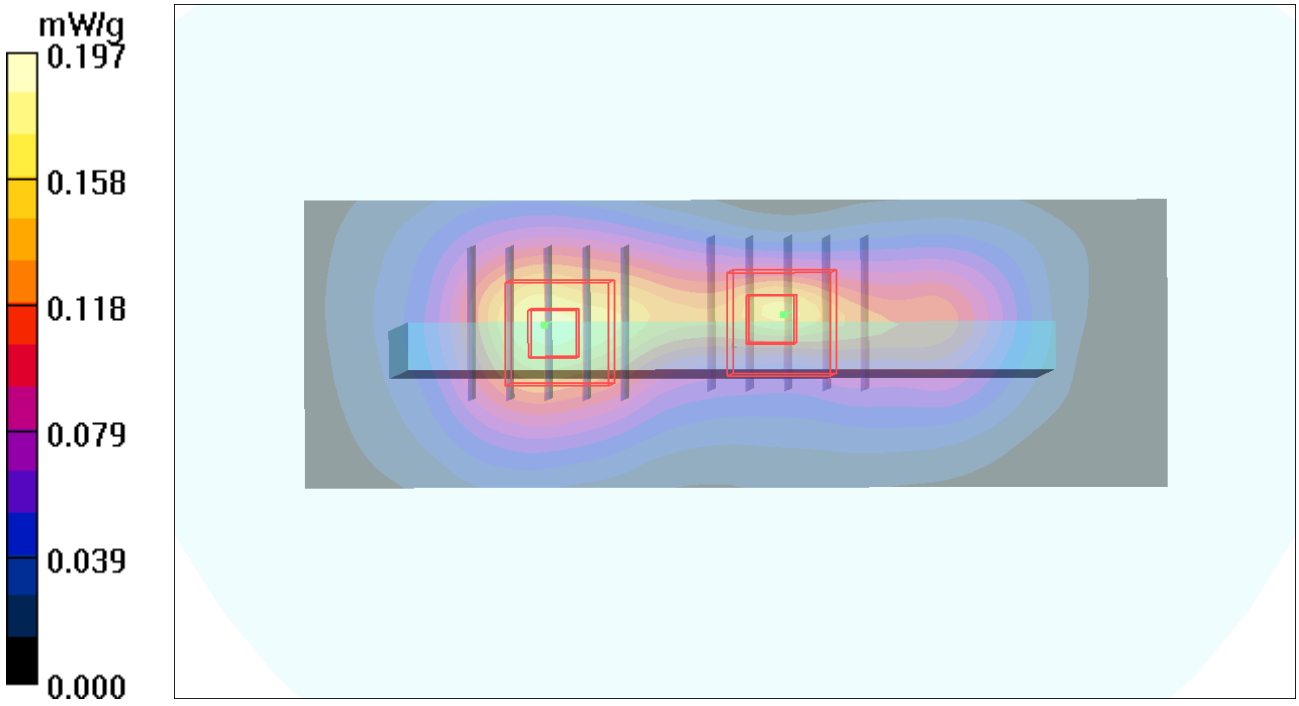
Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: B2450_0706 Medium parameters used: f = 2462 MHz; σ = 2 mho/m; ε_r = 54.2; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.2 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.8, 7.8, 7.8); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (31x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.178 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.94 V/m; Power Drift = 0.035 dB
Peak SAR (extrapolated) = 0.259 W/kg
SAR(1 g) = 0.140 mW/g; SAR(10 g) = 0.075 mW/g
Maximum value of SAR (measured) = 0.197 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.94 V/m; Power Drift = 0.035 dB
Peak SAR (extrapolated) = 0.266 W/kg
SAR(1 g) = 0.123 mW/g; SAR(10 g) = 0.055 mW/g
Maximum value of SAR (measured) = 0.206 mW/g



P109 802.11b_Front Face_Ch11_Earphone

DUT: 126026C35

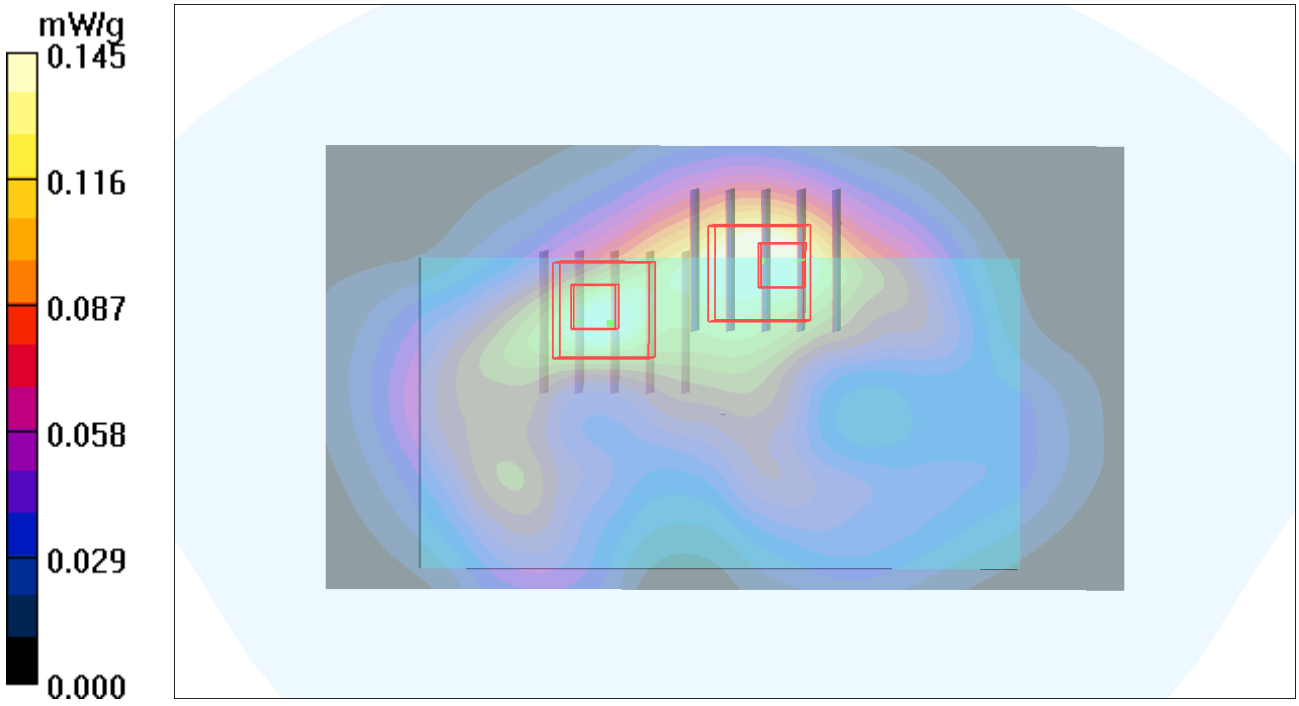
Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: B2450_0706 Medium parameters used: f = 2462 MHz; σ = 2 mho/m; ε_r = 54.2; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.2 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.8, 7.8, 7.8); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.160 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.52 V/m; Power Drift = 0.106 dB
Peak SAR (extrapolated) = 0.203 W/kg
SAR(1 g) = 0.107 mW/g; SAR(10 g) = 0.058 mW/g
Maximum value of SAR (measured) = 0.145 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.52 V/m; Power Drift = 0.106 dB
Peak SAR (extrapolated) = 0.193 W/kg
SAR(1 g) = 0.099 mW/g; SAR(10 g) = 0.056 mW/g
Maximum value of SAR (measured) = 0.141 mW/g



P110 802.11b_Rear Face_Ch11_Earphone

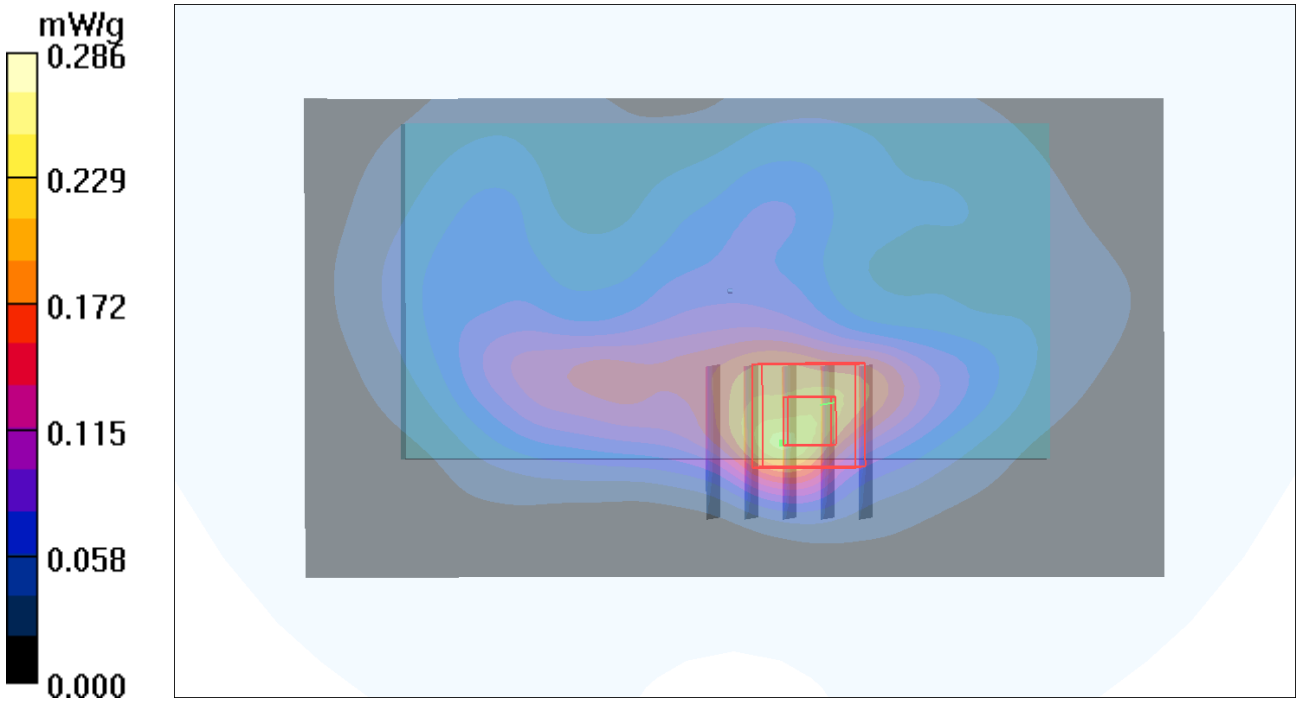
DUT: 126026C35

Communication System: 802.11b; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: B2450_0706 Medium parameters used: f = 2462 MHz; σ = 2 mho/m; ε_r = 54.2; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.2 ℃

DASY4 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(7.8, 7.8, 7.8); Calibrated: 2012/02/23
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Ch11/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.237 mW/g

Ch11/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.09 V/m; Power Drift = -0.019 dB
Peak SAR (extrapolated) = 0.403 W/kg
SAR(1 g) = 0.193 mW/g; SAR(10 g) = 0.096 mW/g
Maximum value of SAR (measured) = 0.286 mW/g



P714 802.11a_Front Face_1cm_Ch40

DUT: 120626C35

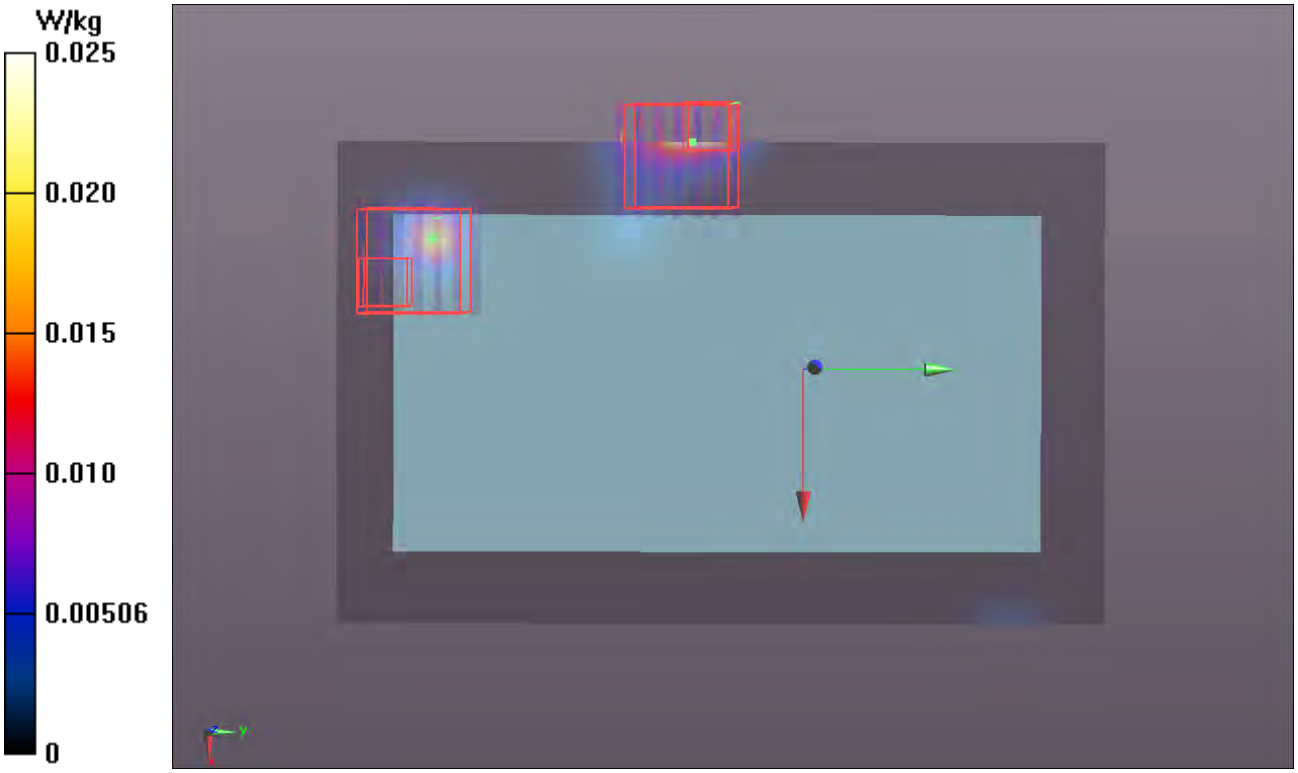
Communication System: WLAN_5G; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium: B5G_1021 Medium parameters used: f = 5200 MHz; σ = 5.263 mho/m; ε_r = 49.005; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(3.93, 3.93, 3.93); Calibrated: 2012/06/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch40/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0253 W/kg

Ch40/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.757 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.092 mW/g
SAR(1 g) = 0.00838 mW/g; SAR(10 g) = 0.00306 mW/g
Maximum value of SAR (measured) = 0.0185 W/kg

Ch40/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.757 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.029 mW/g
SAR(1 g) = 0.00479 mW/g; SAR(10 g) = 0.00282 mW/g
Maximum value of SAR (measured) = 0.0159 W/kg



P715 802.11a_Rear Face_1cm_Ch40

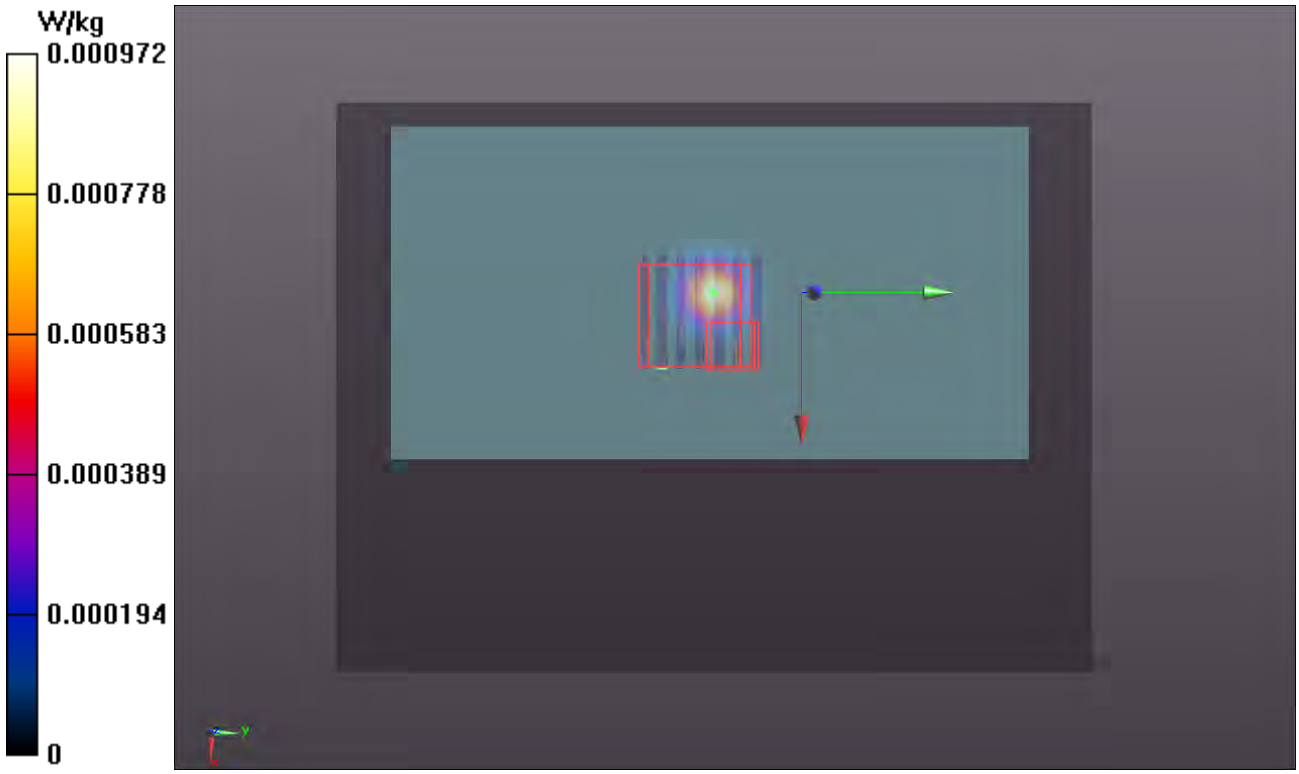
DUT: 120626C35

Communication System: WLAN_5G; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium: B5G_1021 Medium parameters used: f = 5200 MHz; σ = 5.263 mho/m; ε_r = 49.005; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(3.93, 3.93, 3.93); Calibrated: 2012/06/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch40/Area Scan (121x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.000972 W/kg

Ch40/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.013 mW/g
SAR(1 g) = 0.00236 mW/g; SAR(10 g) = 0.00117 mW/g
Maximum value of SAR (measured) = 0.0127 W/kg



P716 802.11a_Left Side_1cm_Ch40

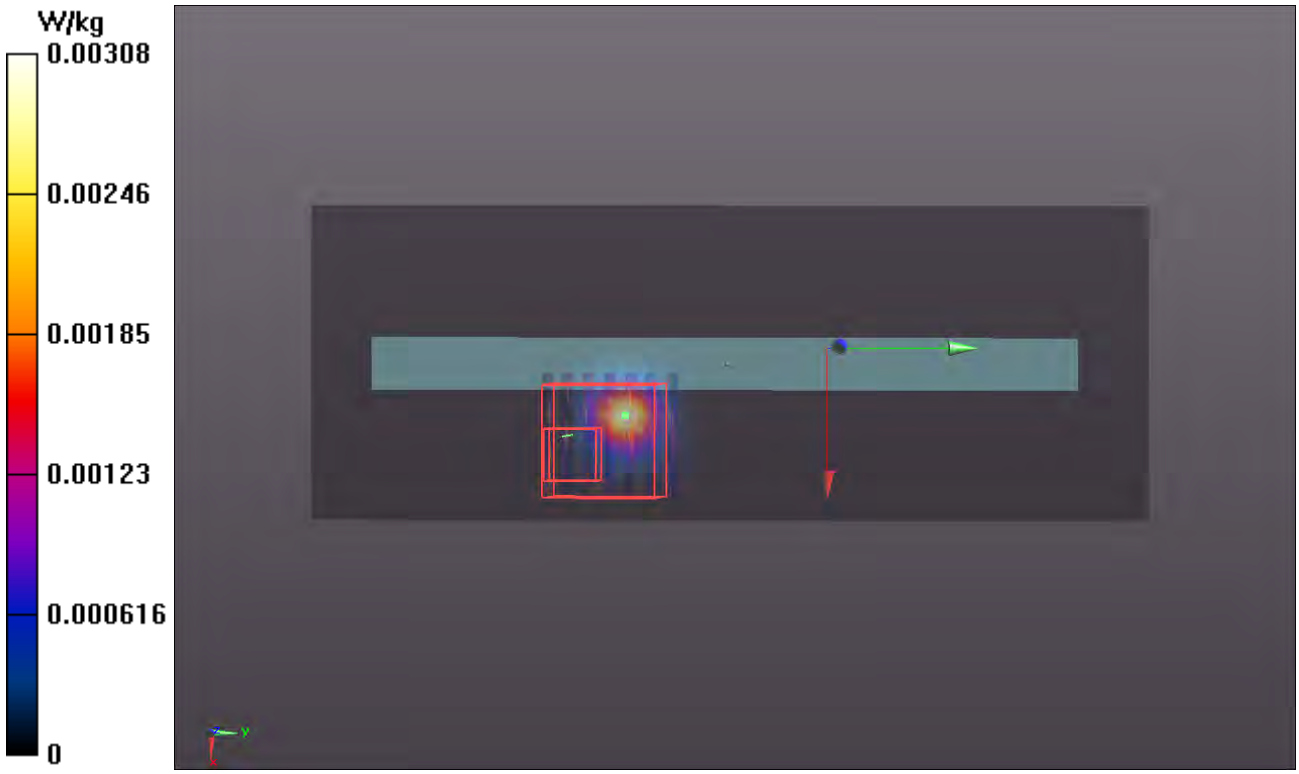
DUT: 120626C35

Communication System: WLAN_5G; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium: B5G_1021 Medium parameters used: f = 5200 MHz; σ = 5.263 mho/m; ε_r = 49.005; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(3.93, 3.93, 3.93); Calibrated: 2012/06/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch40/Area Scan (61x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.00308 W/kg

Ch40/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.581 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.00894 mW/g
SAR(1 g) = 0.000233 mW/g; SAR(10 g) = 5.04e-005 mW/g
Maximum value of SAR (measured) = 0.00887 W/kg



P666 802.11n_HT20_Front Face_1cm_Ch48

DUT: 120626C35

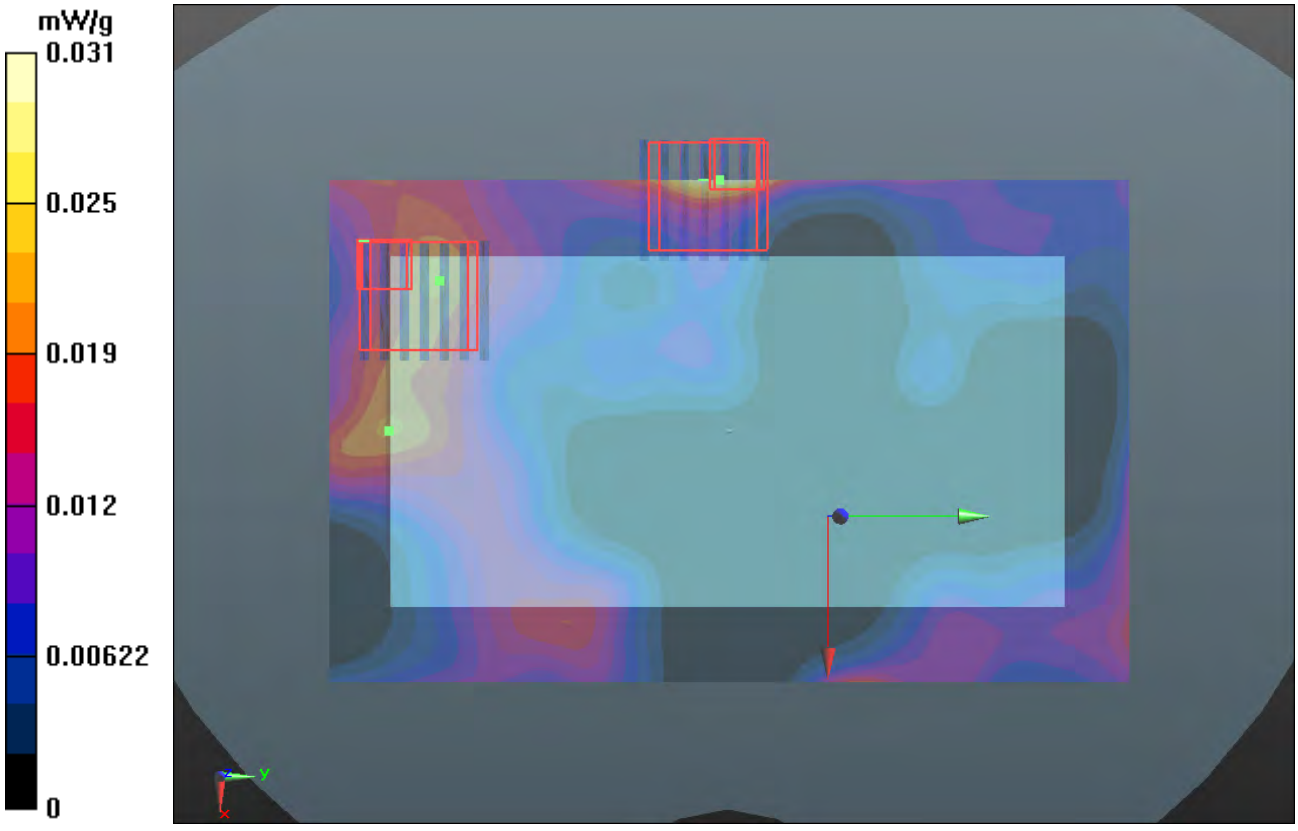
Communication System: WLAN 5G; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: B5G_0712 Medium parameters used: f = 5240 MHz; σ = 5.351 mho/m; ε_r = 48.98; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.89, 4.89, 4.89); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch48/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0311 mW/g

Ch48/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.514 V/m; Power Drift = 0.032 dB
Peak SAR (extrapolated) = 0.065 mW/g
SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00463 mW/g
Maximum value of SAR (measured) = 0.0265 mW/g

Ch48/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.514 V/m; Power Drift = 0.032 dB
Peak SAR (extrapolated) = 0.071 mW/g
SAR(1 g) = 0.00735 mW/g; SAR(10 g) = 0.00312 mW/g
Maximum value of SAR (measured) = 0.0187 mW/g



P667 802.11n_HT20_Rear Face_1cm_Ch48

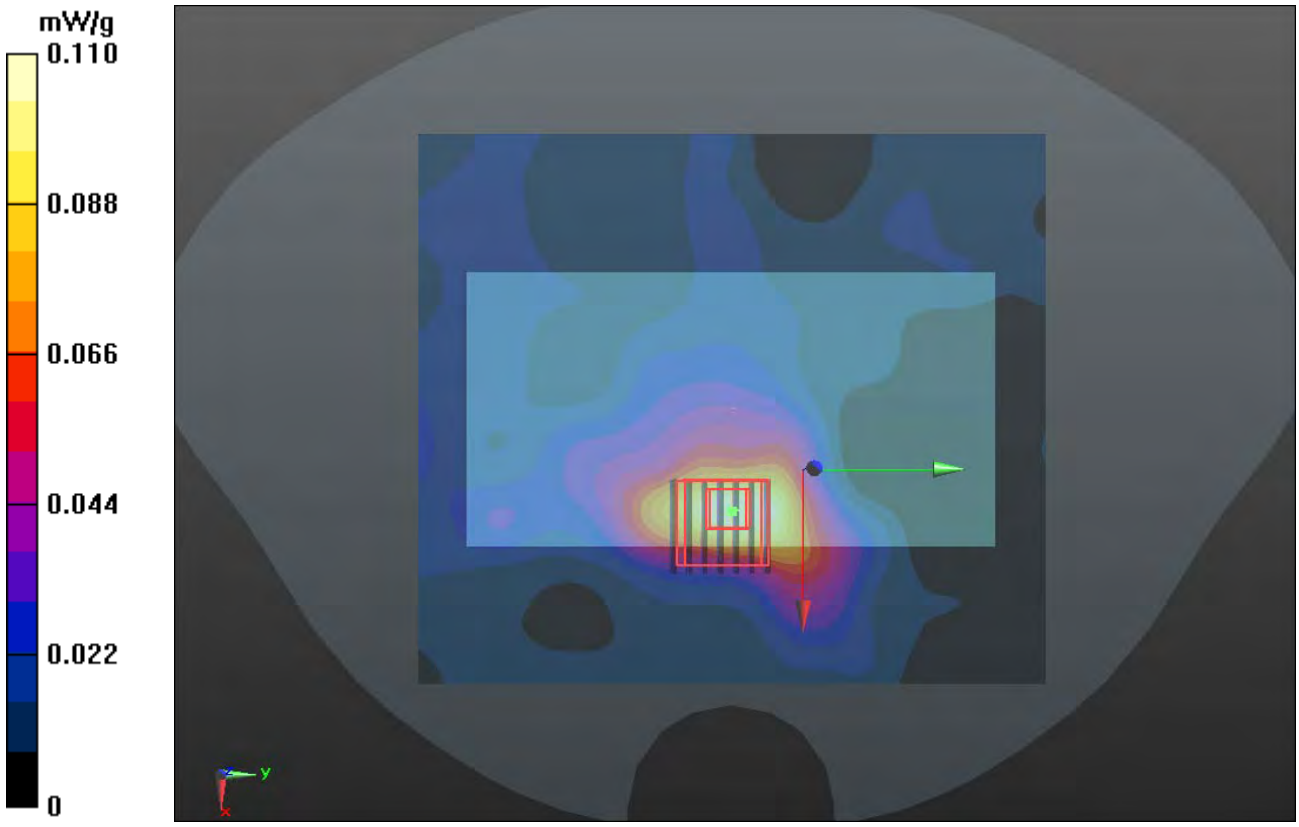
DUT: 120626C35

Communication System: WLAN 5G; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: B5G_0712 Medium parameters used: f = 5240 MHz; σ = 5.351 mho/m; ε_r = 48.98; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.89, 4.89, 4.89); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch48/Area Scan (141x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.110 mW/g

Ch48/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.727 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.203 mW/g
SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.021 mW/g
Maximum value of SAR (measured) = 0.118 mW/g



P668 802.11n_HT20_Left Side_1cm_Ch48

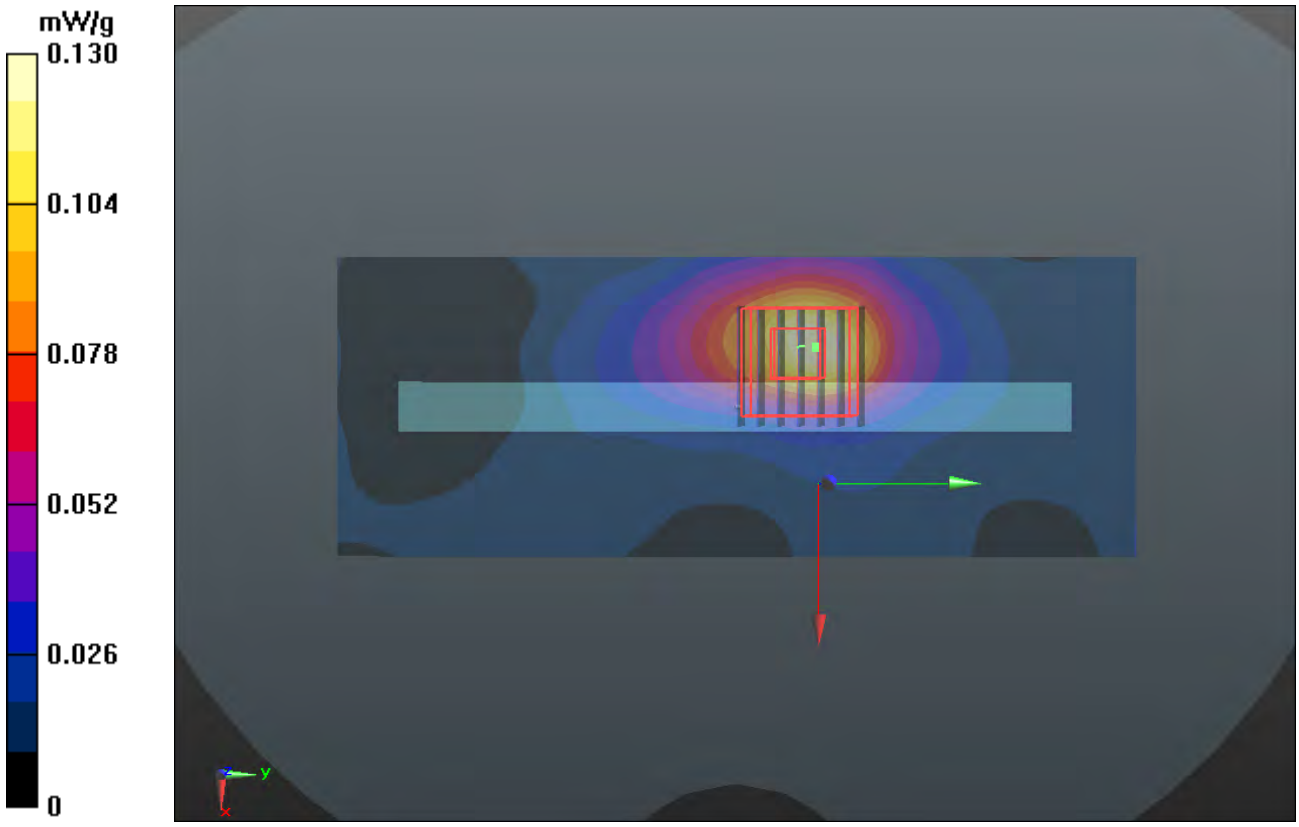
DUT: 120626C35

Communication System: WLAN 5G; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: B5G_0712 Medium parameters used: f = 5240 MHz; σ = 5.351 mho/m; ε_r = 48.98; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.89, 4.89, 4.89); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch48/Area Scan (61x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.130 mW/g

Ch48/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.022 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.258 mW/g
SAR(1 g) = 0.077 mW/g; SAR(10 g) = 0.028 mW/g
Maximum value of SAR (measured) = 0.149 mW/g



P710 802.11a_Front Face_1cm_Ch40_Earphone

DUT: 120626C35

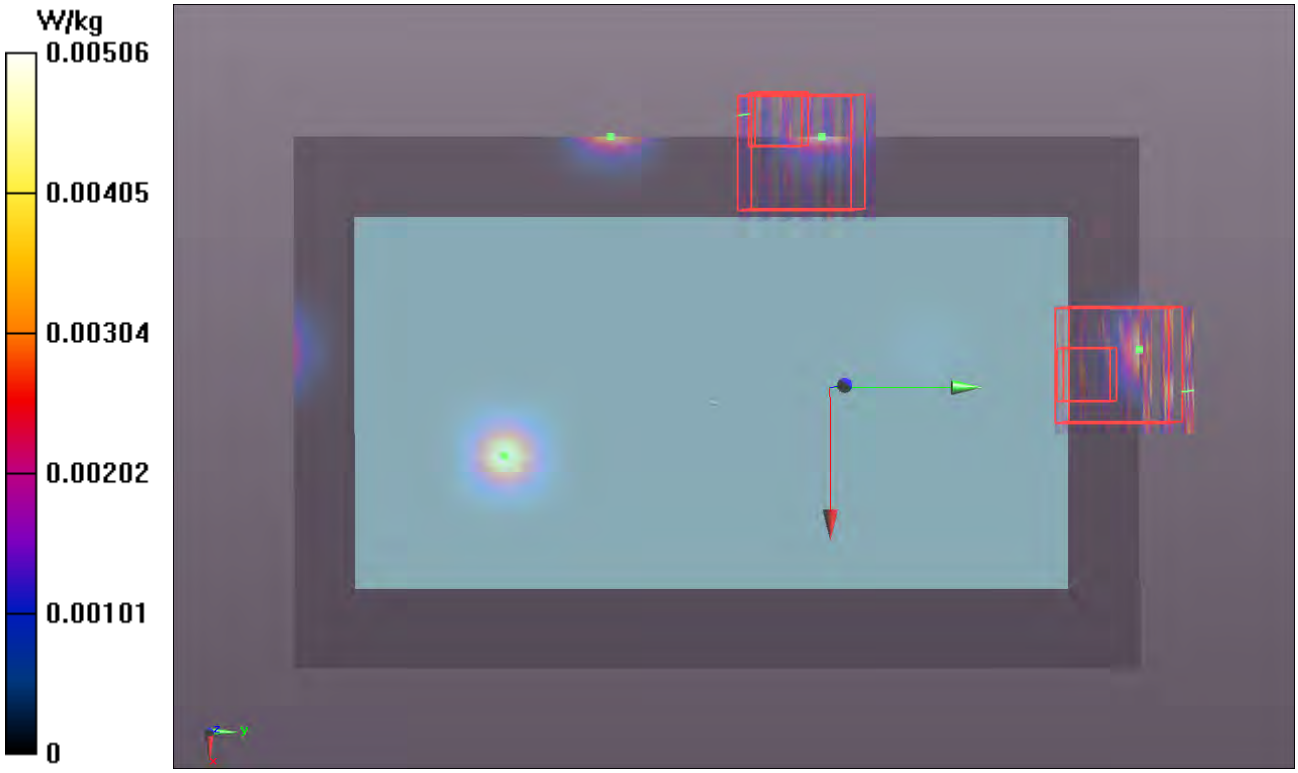
Communication System: WLAN_5G; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium: B5G_1021 Medium parameters used: f = 5200 MHz; σ = 5.263 mho/m; ε_r = 49.005; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(3.93, 3.93, 3.93); Calibrated: 2012/06/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch40/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.00506 W/kg

Ch40/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.043 mW/g
SAR(1 g) = 0.00626 mW/g; SAR(10 g) = 0.00238 mW/g
Maximum value of SAR (measured) = 0.0193 W/kg

Ch40/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.011 mW/g
SAR(1 g) = 0.00342 mW/g; SAR(10 g) = 0.0015 mW/g
Maximum value of SAR (measured) = 0.0109 W/kg



P711 802.11a_Rear Face_1cm_Ch40_Earphone

DUT: 120626C35

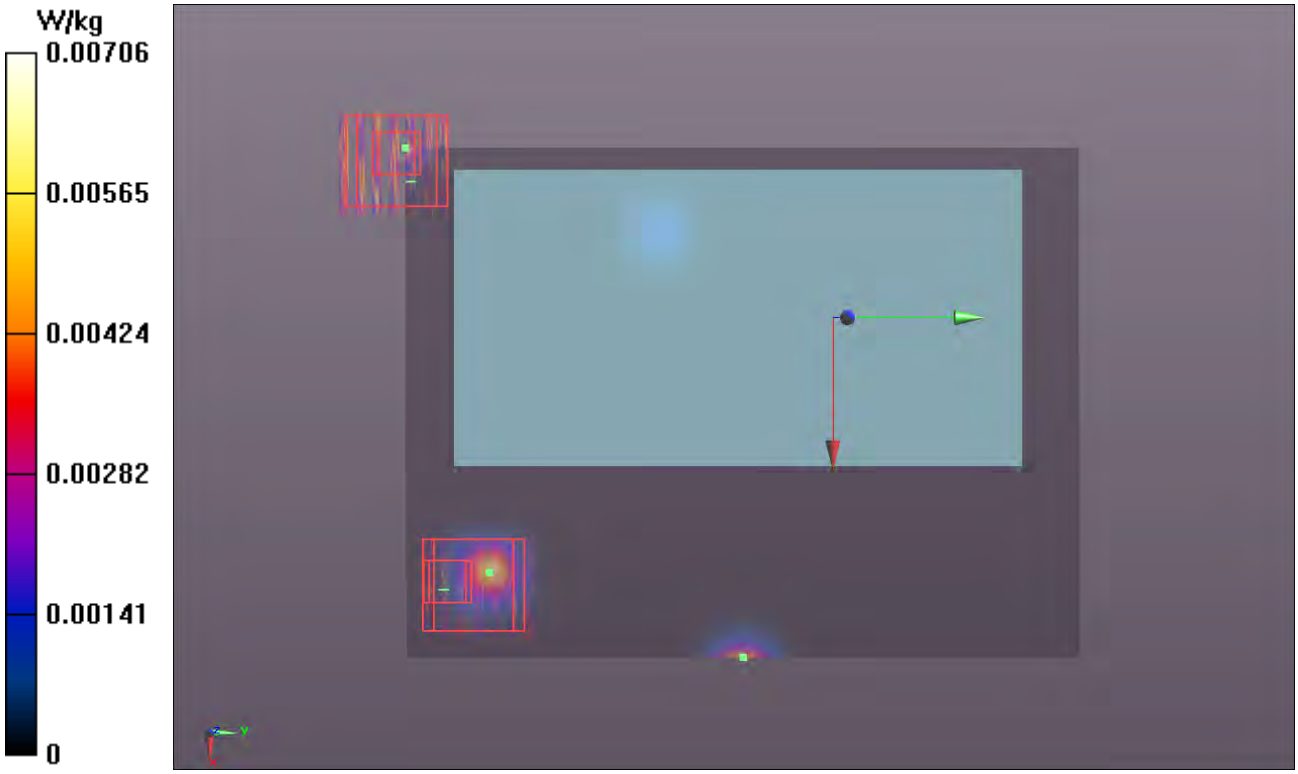
Communication System: WLAN_5G; Frequency: 5200 MHz;Duty Cycle: 1:1
Medium: B5G_1021 Medium parameters used: f = 5200 MHz; σ = 5.263 mho/m; ε_r = 49.005; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(3.93, 3.93, 3.93); Calibrated: 2012/06/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch40/Area Scan (121x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.00706 W/kg

Ch40/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.013 mW/g
SAR(1 g) = 0.00649 mW/g; SAR(10 g) = 0.00315 mW/g
Maximum value of SAR (measured) = 0.0126 W/kg

Ch40/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.015 mW/g
SAR(1 g) = 0.00519 mW/g; SAR(10 g) = 0.00271 mW/g
Maximum value of SAR (measured) = 0.0145 W/kg



P669 802.11n_HT20_Front Face_1cm_Ch48_Earphone

DUT: 120626C35

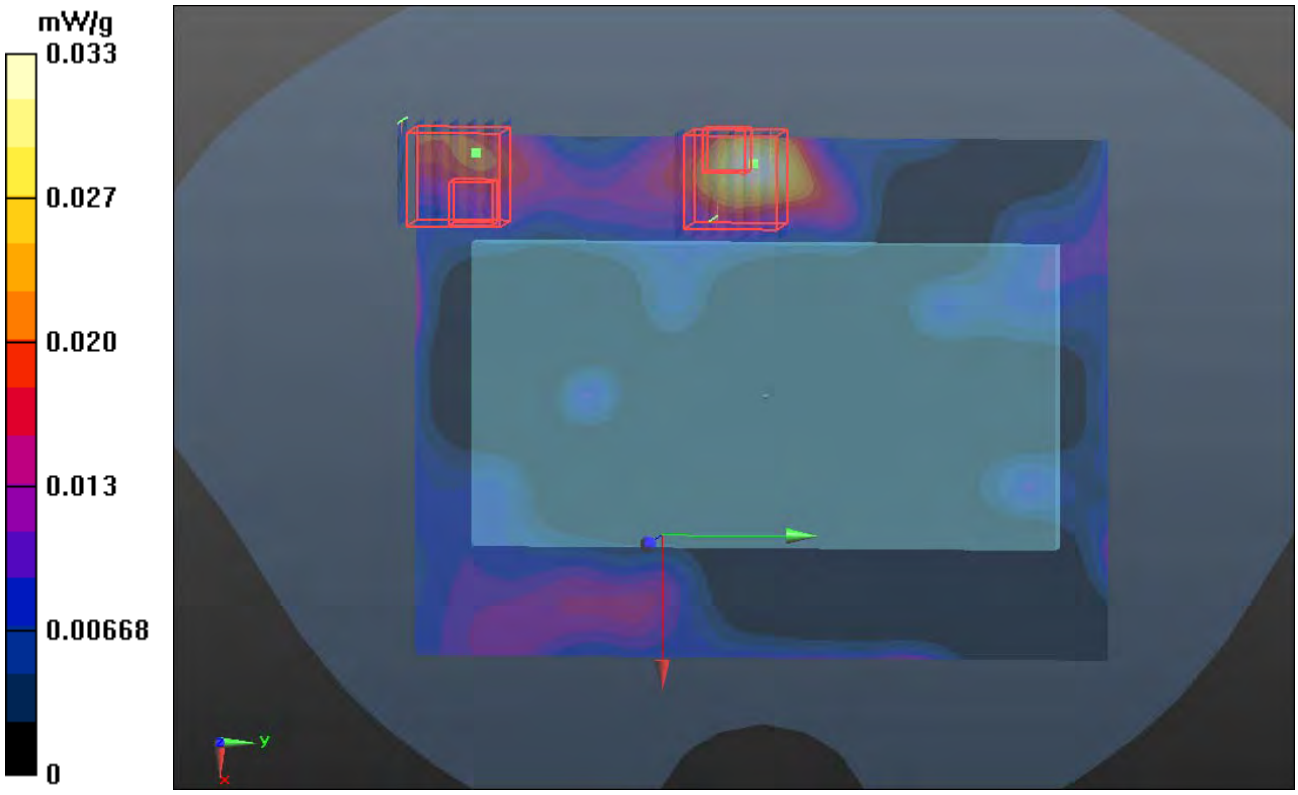
Communication System: WLAN 5G; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: B5G_0712 Medium parameters used: f = 5240 MHz; σ = 5.351 mho/m; ε_r = 48.98; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.89, 4.89, 4.89); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch48/Area Scan (121x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0334 mW/g

Ch48/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.095 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.083 mW/g
SAR(1 g) = 0.013 mW/g; SAR(10 g) = 0.00525 mW/g
Maximum value of SAR (measured) = 0.0560 mW/g

Ch48/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.095 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.060 mW/g
SAR(1 g) = 0.00739 mW/g; SAR(10 g) = 0.00314 mW/g
Maximum value of SAR (measured) = 0.0443 mW/g



P670 802.11n_HT20_Rear Face_1cm_Ch48_Earphone

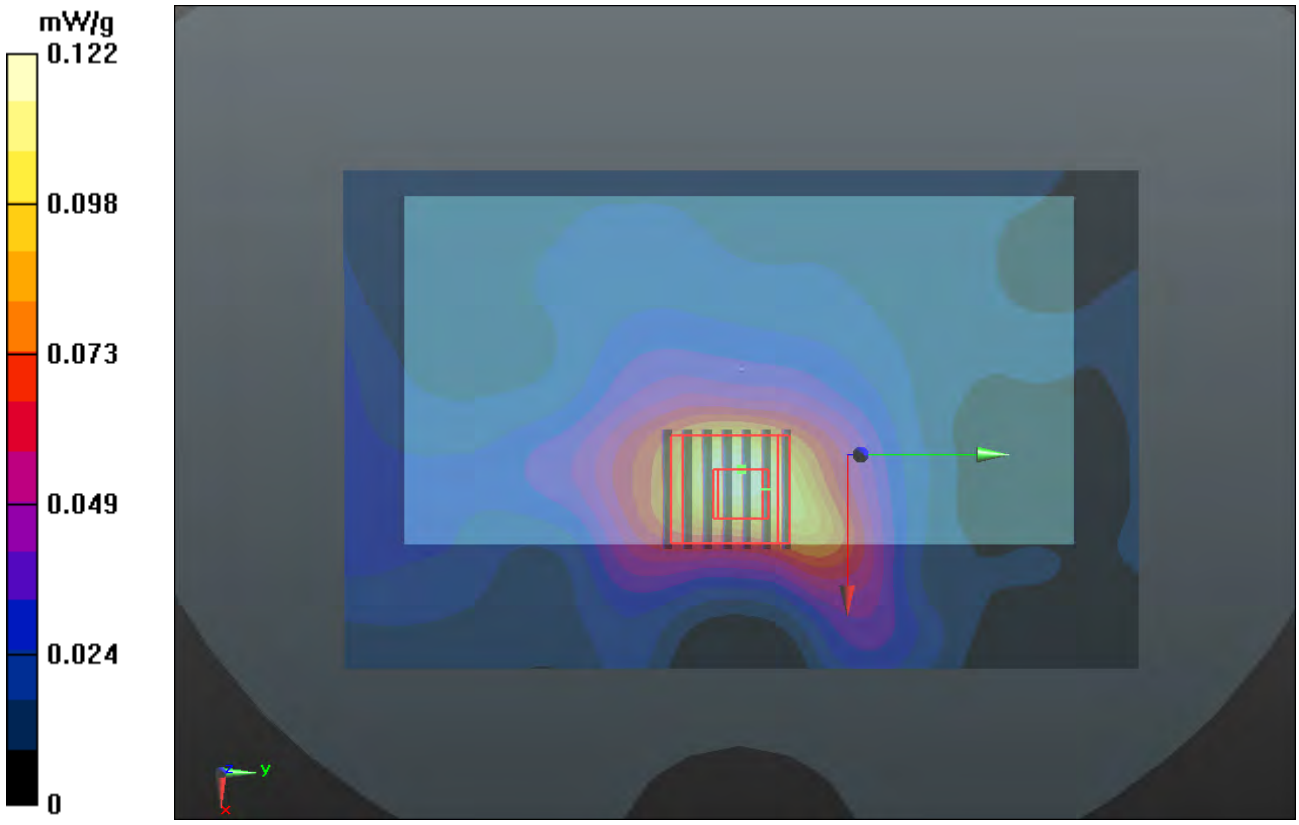
DUT: 120626C35

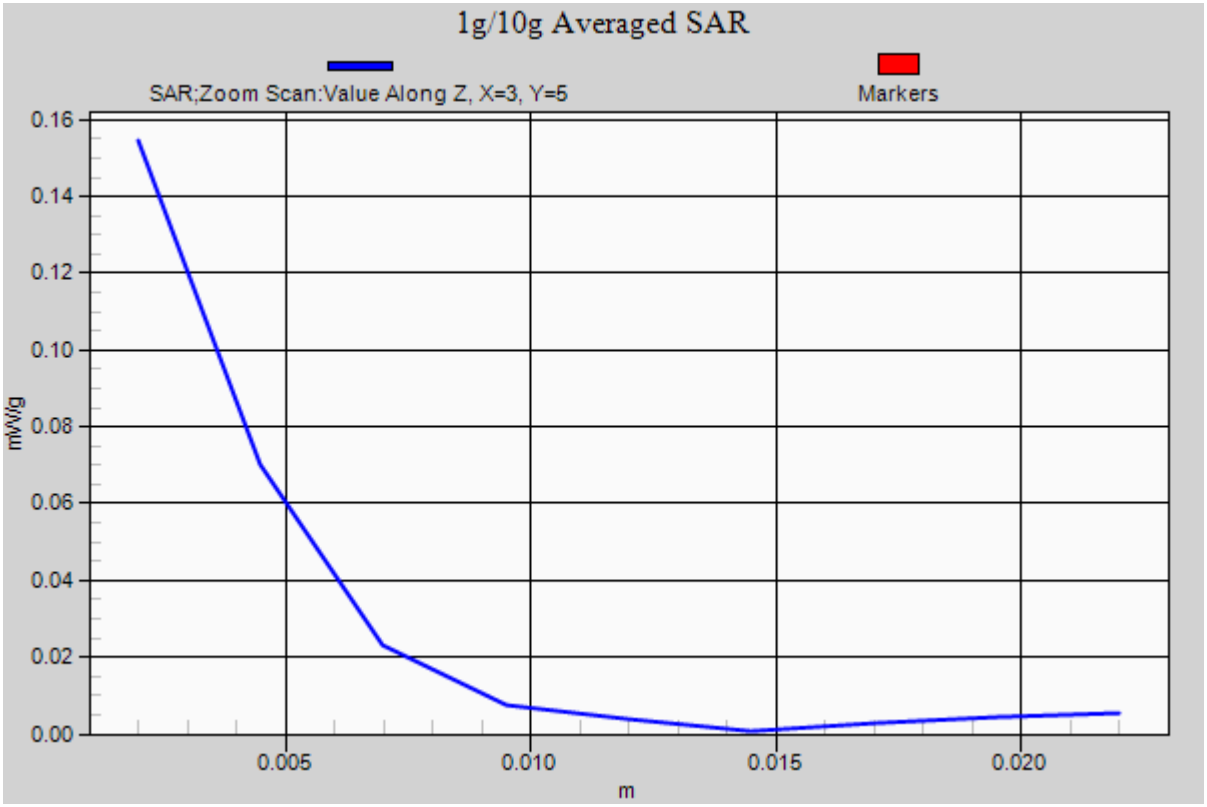
Communication System: WLAN 5G; Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: B5G_0712 Medium parameters used: f = 5240 MHz; σ = 5.351 mho/m; ε_r = 48.98; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.89, 4.89, 4.89); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch48/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.122 mW/g

Ch48/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.850 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.441 mW/g
SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.032 mW/g
Maximum value of SAR (measured) = 0.155 mW/g




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=3, Y=5
Markers
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
mW/g
0.005
0.010
0.015
0.020
m

P712 802.11a_Front Face_1cm_Ch56_Earphone

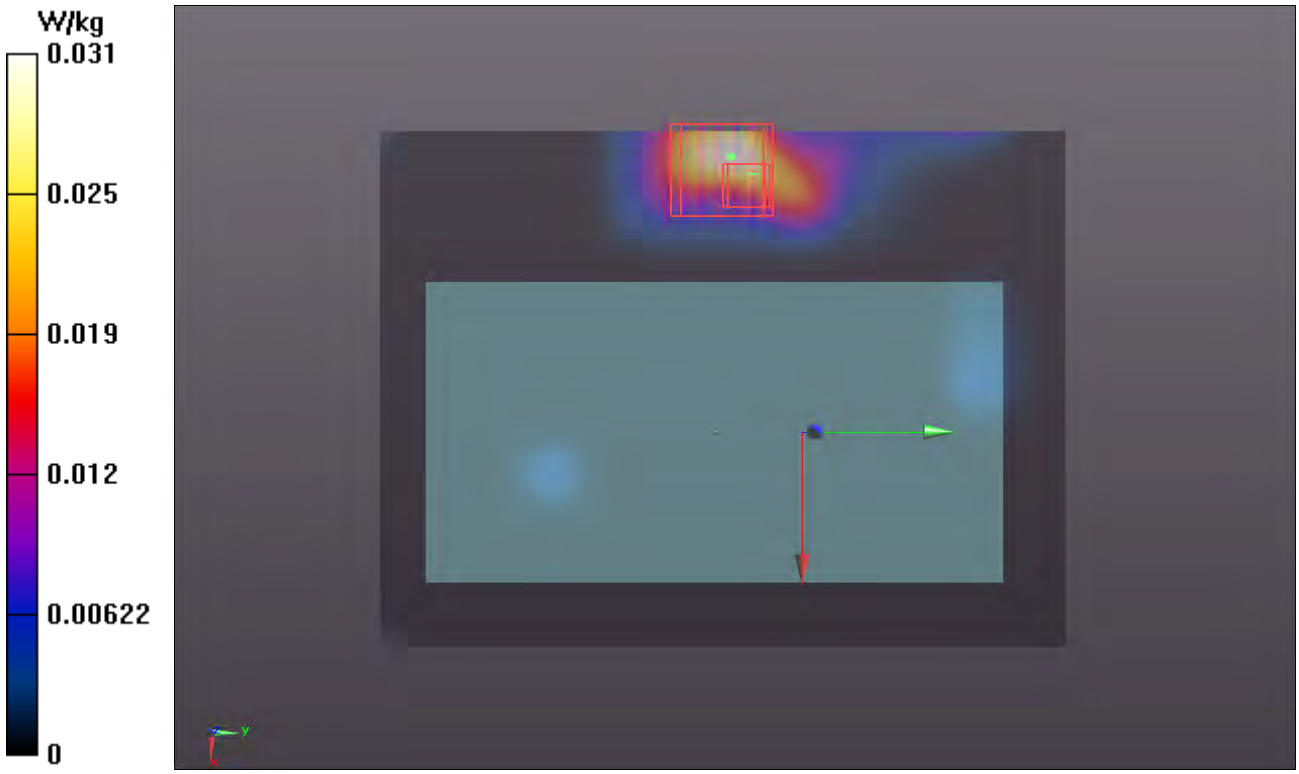
DUT: 120626C35

Communication System: WLAN_5G; Frequency: 5280 MHz;Duty Cycle: 1:1
Medium: B5G_1021 Medium parameters used: f = 5280 MHz; σ = 5.396 mho/m; ε_r = 48.935; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(3.66, 3.66, 3.66); Calibrated: 2012/06/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch56/Area Scan (121x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0311 W/kg

Ch56/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.327 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.039 mW/g
SAR(1 g) = 0.00718 mW/g; SAR(10 g) = 0.00413 mW/g
Maximum value of SAR (measured) = 0.0182 W/kg



P713 802.11a_Rear Face_1cm_Ch56_Earphone

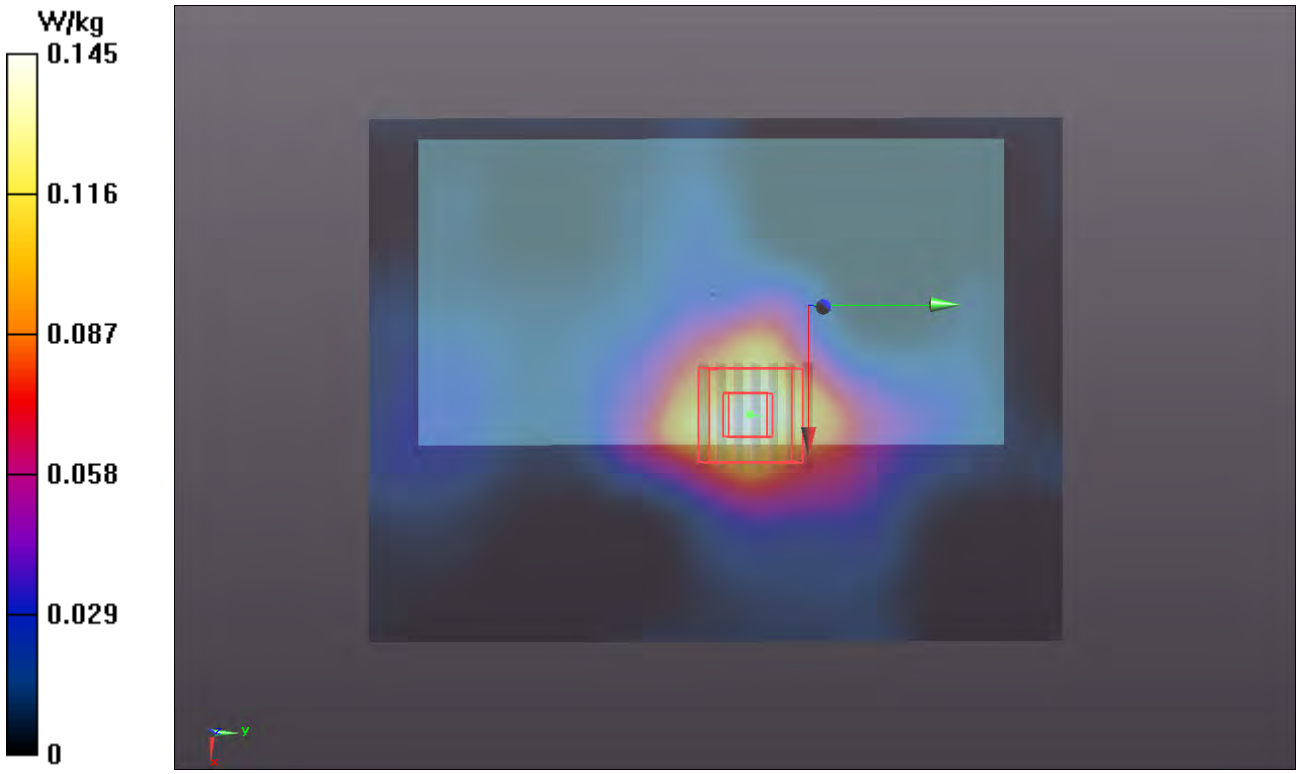
DUT: 120626C35

Communication System: WLAN_5G; Frequency: 5280 MHz;Duty Cycle: 1:1
Medium: B5G_1021 Medium parameters used: f = 5280 MHz; σ = 5.396 mho/m; ε_r = 48.935; ρ = 1000 kg/m^3
Ambient Temperature：22.4 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3578; ConvF(3.66, 3.66, 3.66); Calibrated: 2012/06/21;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1277; Calibrated: 2012/07/19
- Phantom: ELI v4.0; Type: QDOVA001BA; Serial: TP:1043
- Measurement SW: DASY52, Version 52.8 (2); SEMCAD X Version 14.6.6 (6824)

Ch56/Area Scan (121x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.145 W/kg

Ch56/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 2.581 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 0.269 mW/g
SAR(1 g) = 0.081 mW/g; SAR(10 g) = 0.034 mW/g
Maximum value of SAR (measured) = 0.149 W/kg



P674 802.11n_HT20_Front Face_1cm_Ch52_Earphone

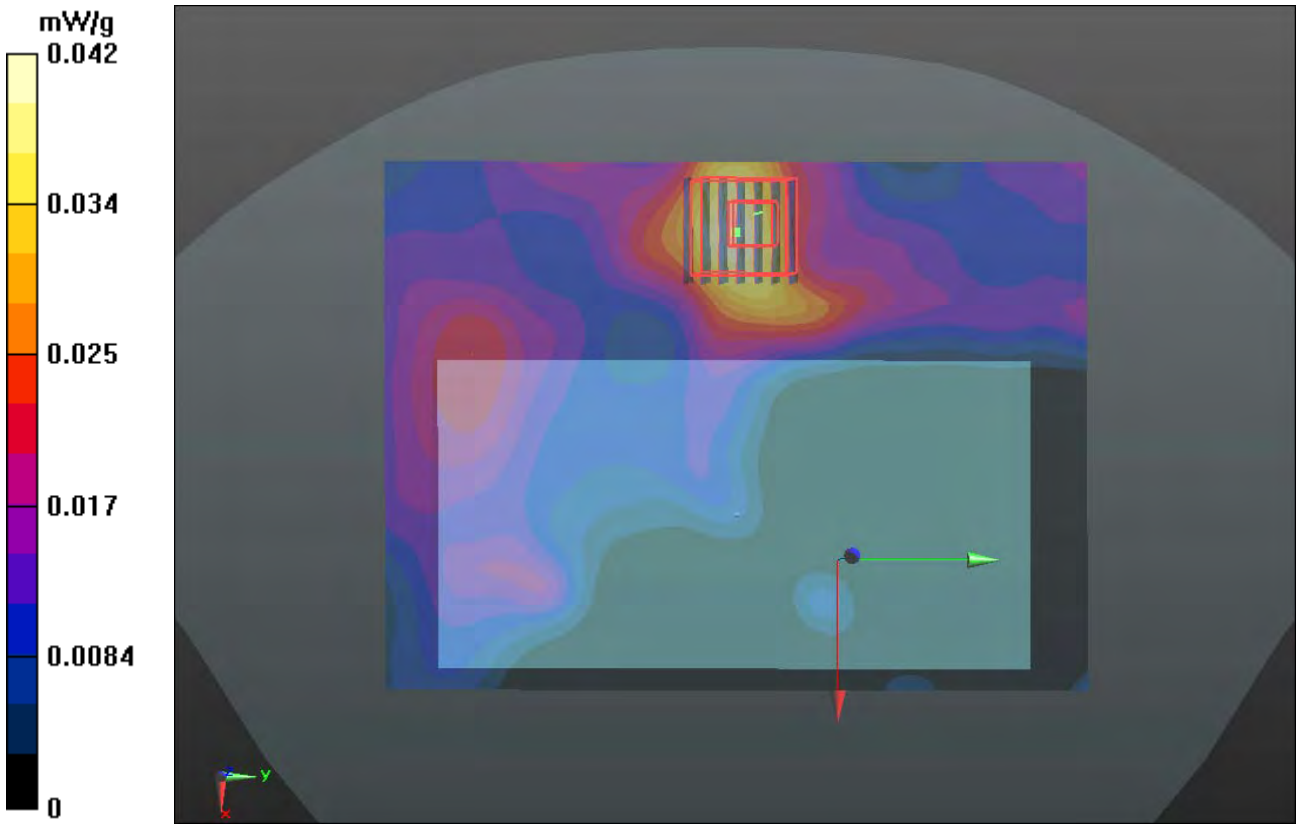
DUT: 120626C35

Communication System: WLAN 5G; Frequency: 5260 MHz;Duty Cycle: 1:1
Medium: B5G_0712 Medium parameters used: f = 5260 MHz; σ = 5.389 mho/m; ε_r = 48.992; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch52/Area Scan (121x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0420 mW/g

Ch52/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.030 V/m; Power Drift = -0.082 dB
Peak SAR (extrapolated) = 0.090 mW/g
SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.00929 mW/g
Maximum value of SAR (measured) = 0.0489 mW/g



P675 802.11n_HT20_Rear Face _1cm_Ch52_Earphone

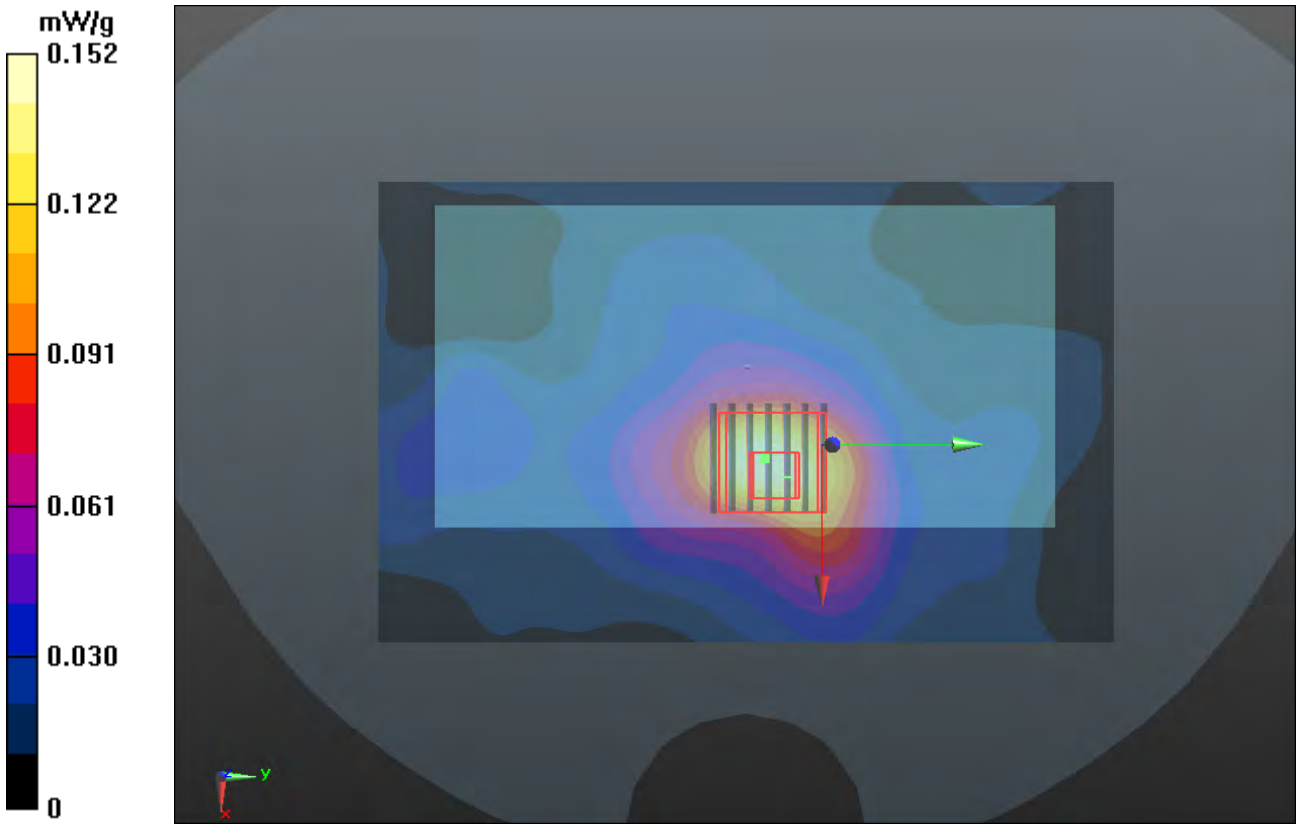
DUT: 120626C35

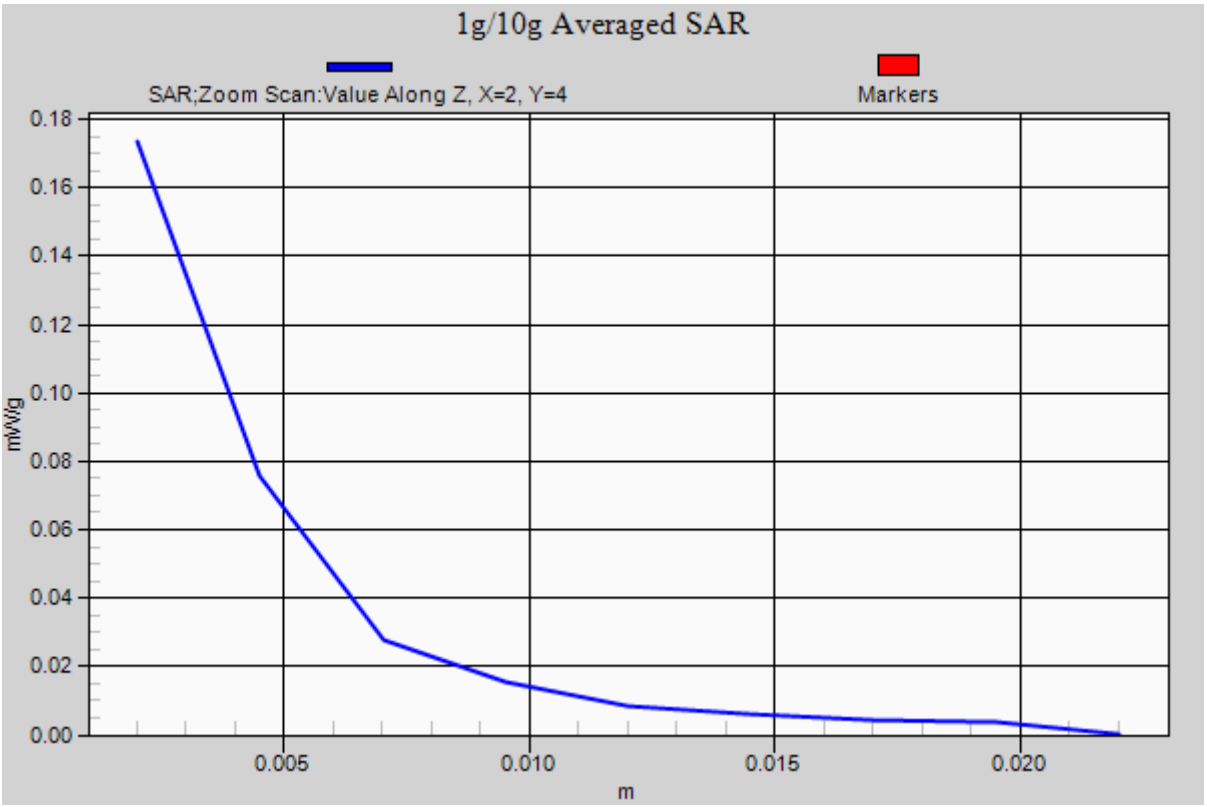
Communication System: WLAN 5G; Frequency: 5260 MHz;Duty Cycle: 1:1
Medium: B5G_0712 Medium parameters used: f = 5260 MHz; σ = 5.389 mho/m; ε_r = 48.992; ρ = 1000 kg/m^3
Ambient Temperature：21.4 ℃; Liquid Temperature：20.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3590; ConvF(4.81, 4.81, 4.81); Calibrated: 2012/02/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn861; Calibrated: 2011/08/29
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch52/Area Scan (101x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.152 mW/g

Ch52/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.238 V/m; Power Drift = -0.170 dB
Peak SAR (extrapolated) = 0.369 mW/g
SAR(1 g) = 0.090 mW/g; SAR(10 g) = 0.033 mW/g
Maximum value of SAR (measured) = 0.173 mW/g




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=4
Markers
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
mW/g
0.005
0.010
0.015
0.020
m

P679 802.11a_Front Face_1cm_Ch100_Earphone

DUT: 120626C35

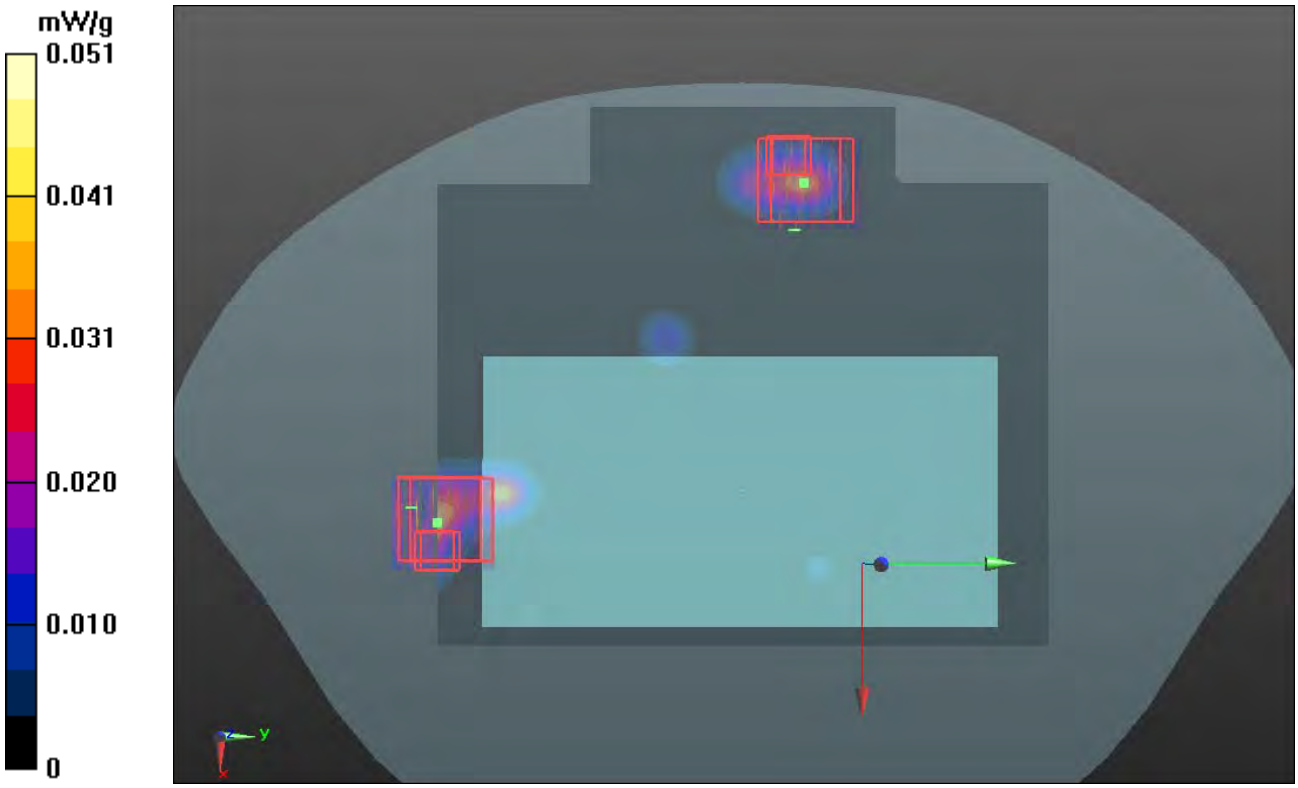
Communication System: WLAN 5G; Frequency: 5500 MHz;Duty Cycle: 1:1
Medium: B5G_0713 Medium parameters used: f = 5500 MHz; σ = 5.717 mho/m; ε_r = 48.431; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(3.73, 3.73, 3.73); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch100/Area Scan (141x201x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0423 mW/g

Ch100/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.936 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.076 mW/g
SAR(1 g) = 0.00927 mW/g; SAR(10 g) = 0.00439 mW/g
Maximum value of SAR (measured) = 0.0509 mW/g

Ch100/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.936 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.035 mW/g
SAR(1 g) = 0.00641 mW/g; SAR(10 g) = 0.00401 mW/g
Maximum value of SAR (measured) = 0.0496 mW/g



P680 802.11a_Rear Face_1cm_Ch100_Earphone

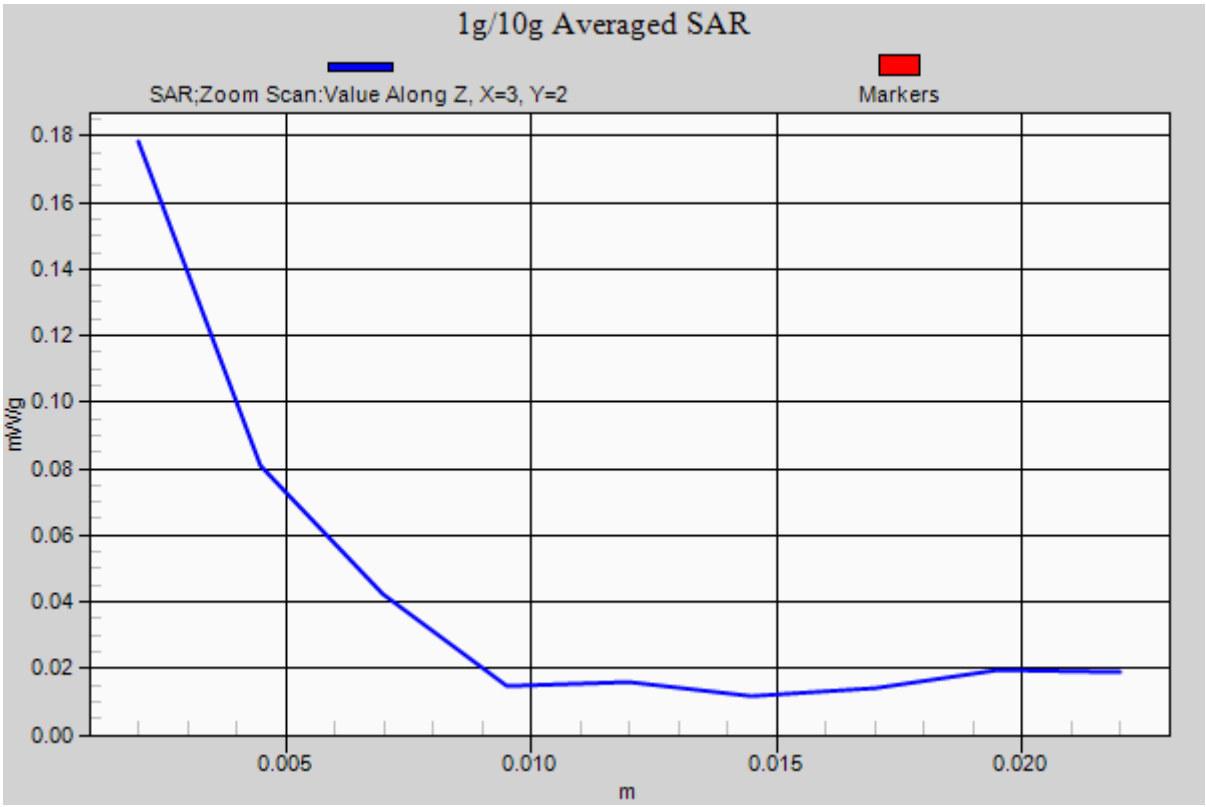
DUT: 120626C35

Communication System: WLAN 5G; Frequency: 5500 MHz;Duty Cycle: 1:1
Medium: B5G_0713 Medium parameters used: f = 5500 MHz; σ = 5.717 mho/m; ε_r = 48.431; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(3.73, 3.73, 3.73); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch100/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.137 mW/g

Ch100/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.855 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.618 mW/g
SAR(1 g) = 0.088 mW/g; SAR(10 g) = 0.034 mW/g
Maximum value of SAR (measured) = 0.178 mW/g


1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=3, Y=2
Markers
0.18
0.16
0.14
0.12
0.10
0.08
0.06
0.04
0.02
0.00
mW/g
0.005
0.010
0.015
0.020
m

P681 802.11a_Front Face_1cm_Ch161

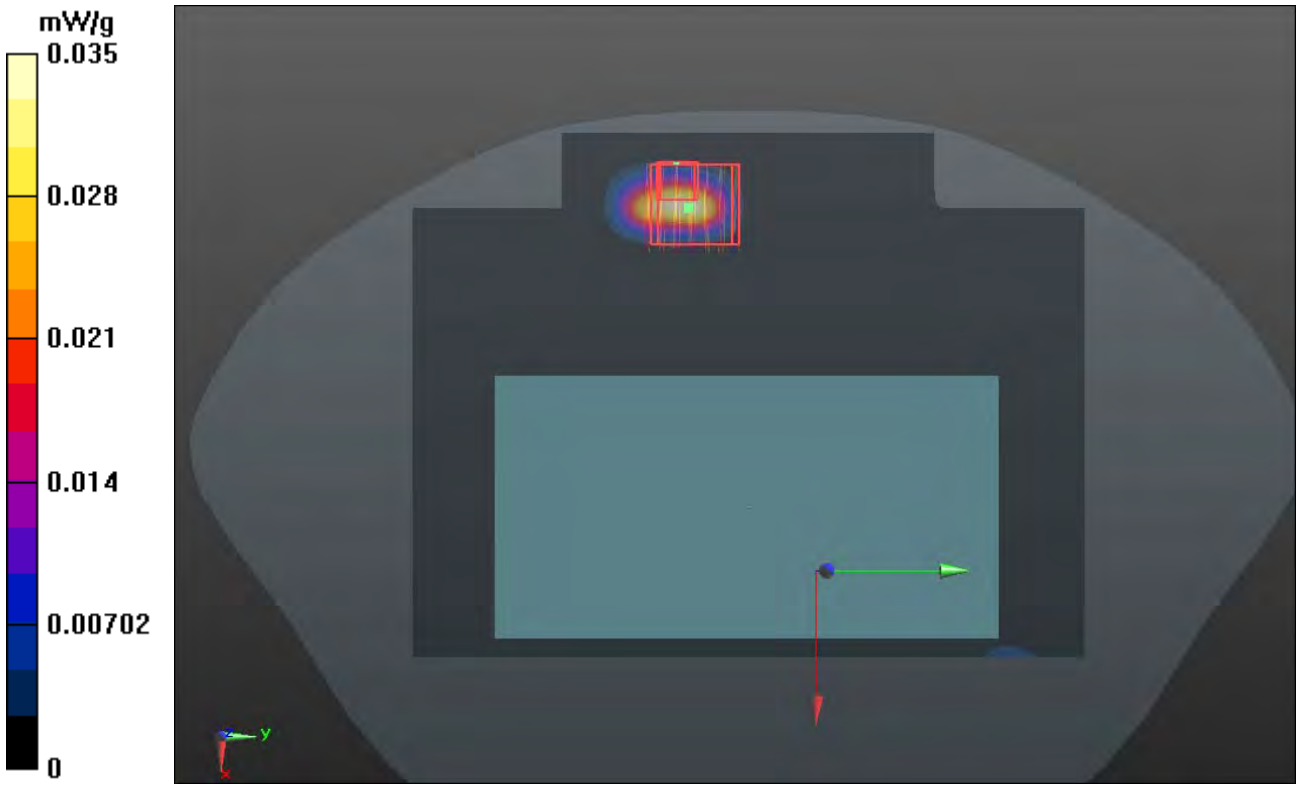
DUT: 120626C35

Communication System: WLAN 5G; Frequency: 5805 MHz;Duty Cycle: 1:1
Medium: B5G_0713 Medium parameters used: f = 5805 MHz; σ = 6.141 mho/m; ε_r = 47.662; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(3.81, 3.81, 3.81); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch161/Area Scan (141x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0351 mW/g

Ch161/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.094 mW/g
SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00689 mW/g
Maximum value of SAR (measured) = 0.0675 mW/g



P682 802.11a_Rear Face _1cm_Ch161

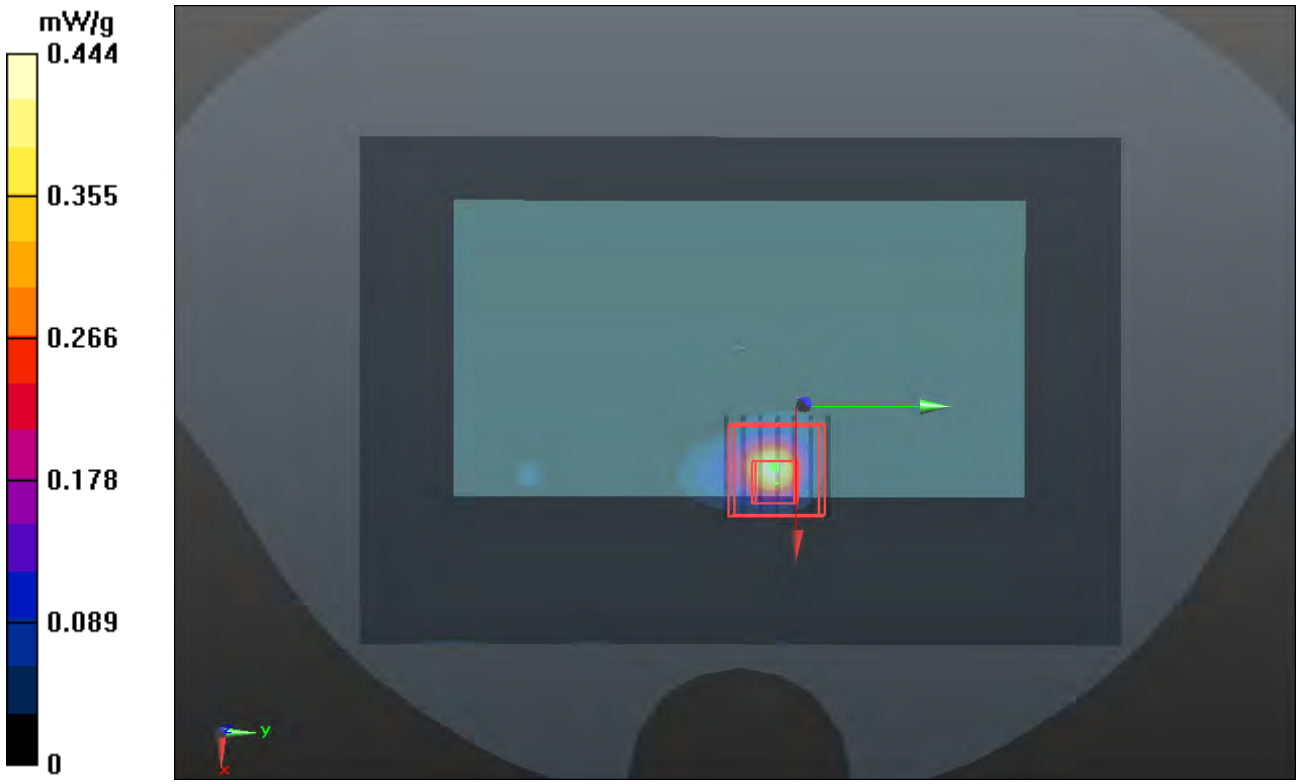
DUT: 120626C35

Communication System: WLAN 5G; Frequency: 5805 MHz;Duty Cycle: 1:1
Medium: B5G_0713 Medium parameters used: f = 5805 MHz; σ = 6.141 mho/m; ε_r = 47.662; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(3.81, 3.81, 3.81); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch161/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.444 mW/g

Ch161/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 0.943 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.699 mW/g
SAR(1 g) = 0.179 mW/g; SAR(10 g) = 0.052 mW/g
Maximum value of SAR (measured) = 0.434 mW/g



P683 802.11a_Left Side_1cm_Ch161

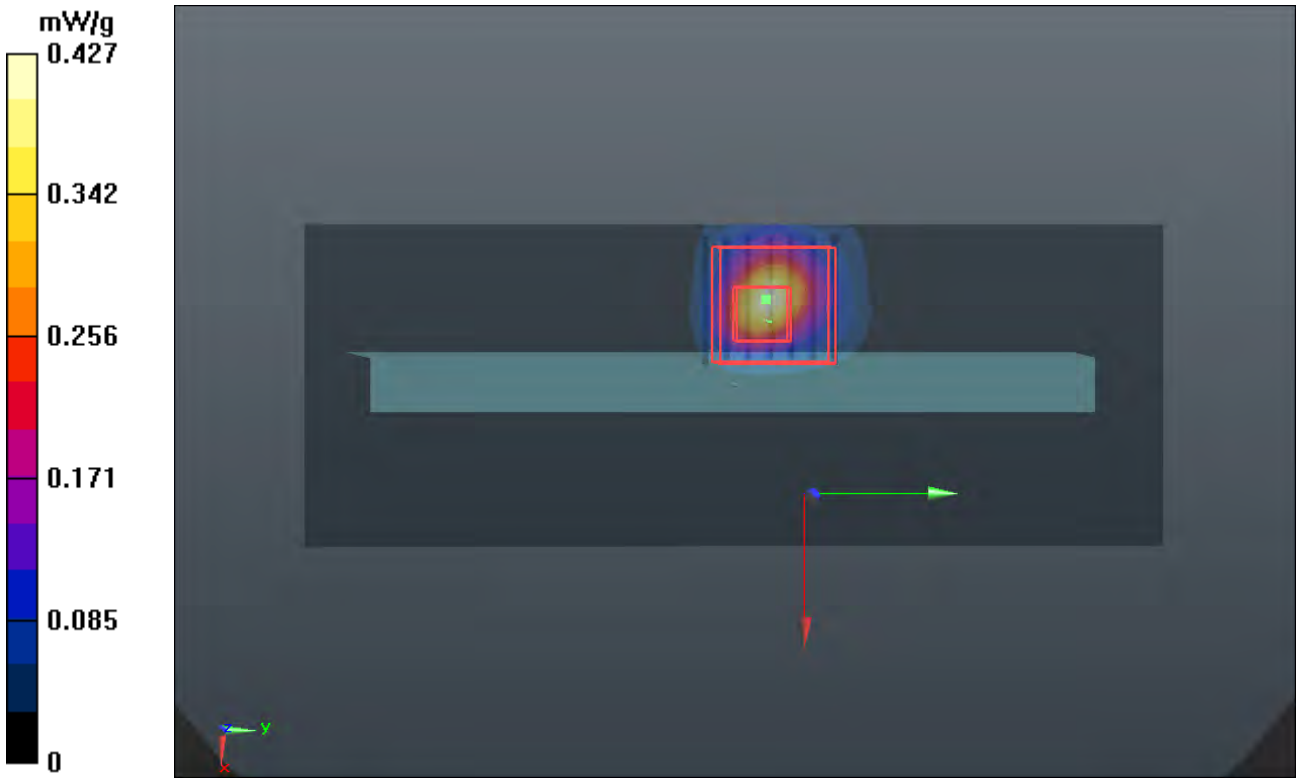
DUT: 120626C35

Communication System: WLAN 5G; Frequency: 5805 MHz;Duty Cycle: 1:1
Medium: B5G_0713 Medium parameters used: f = 5805 MHz; σ = 6.141 mho/m; ε_r = 47.662; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(3.81, 3.81, 3.81); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch161/Area Scan (61x161x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.427 mW/g

Ch161/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 3.557 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.499 mW/g
SAR(1 g) = 0.115 mW/g; SAR(10 g) = 0.045 mW/g
Maximum value of SAR (measured) = 0.241 mW/g



P684 802.11a_Front Face_1cm_Ch161_Earphone

DUT: 120626C35

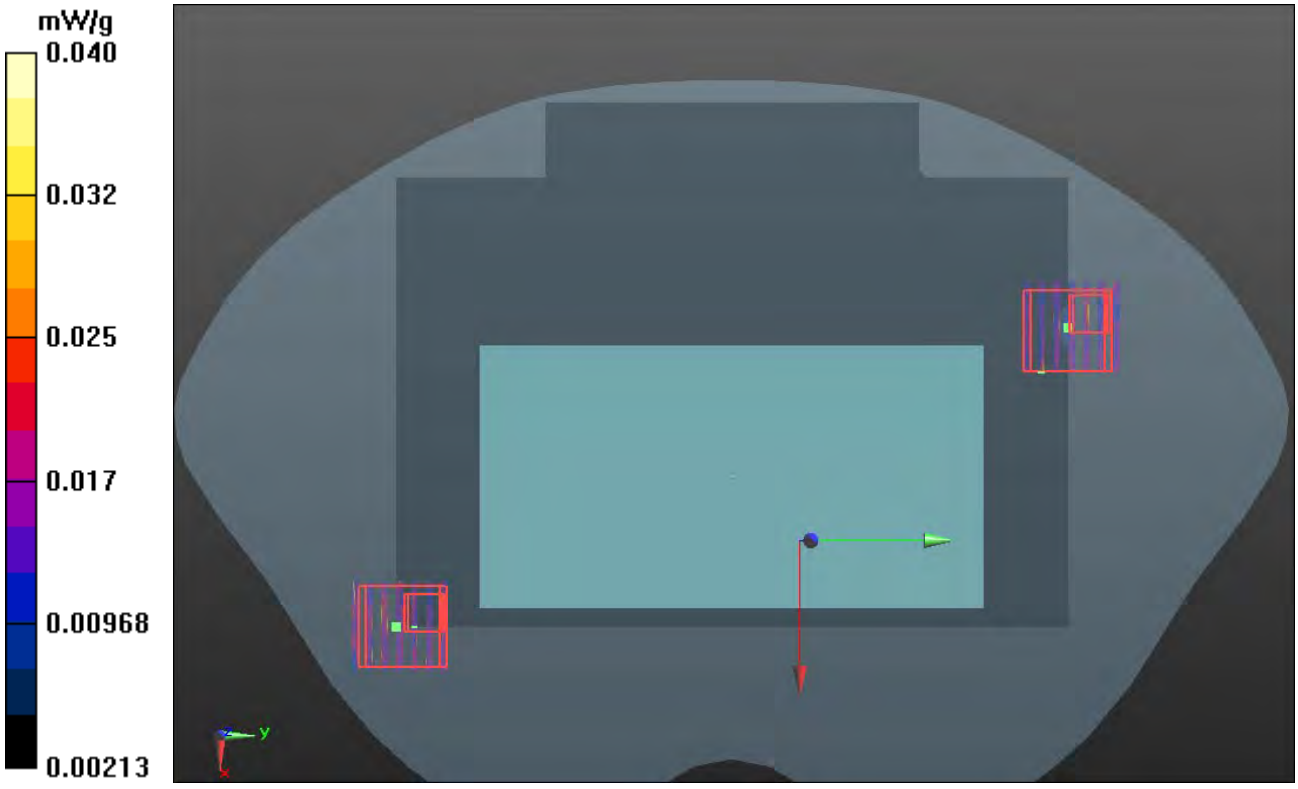
Communication System: WLAN 5G; Frequency: 5805 MHz;Duty Cycle: 1:1
Medium: B5G_0713 Medium parameters used: f = 5805 MHz; σ = 6.141 mho/m; ε_r = 47.662; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(3.81, 3.81, 3.81); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch161/Area Scan (141x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.0155 mW/g

Ch161/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.407 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.061 mW/g
SAR(1 g) = 0.00792 mW/g; SAR(10 g) = 0.00391 mW/g
Maximum value of SAR (measured) = 0.0399 mW/g

Ch161/Zoom Scan (7x7x9)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.407 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.044 mW/g
SAR(1 g) = 0.00773 mW/g; SAR(10 g) = 0.0031 mW/g
Maximum value of SAR (measured) = 0.0434 mW/g



P685 802.11a_Rear Face _1cm_Ch161_Earphone

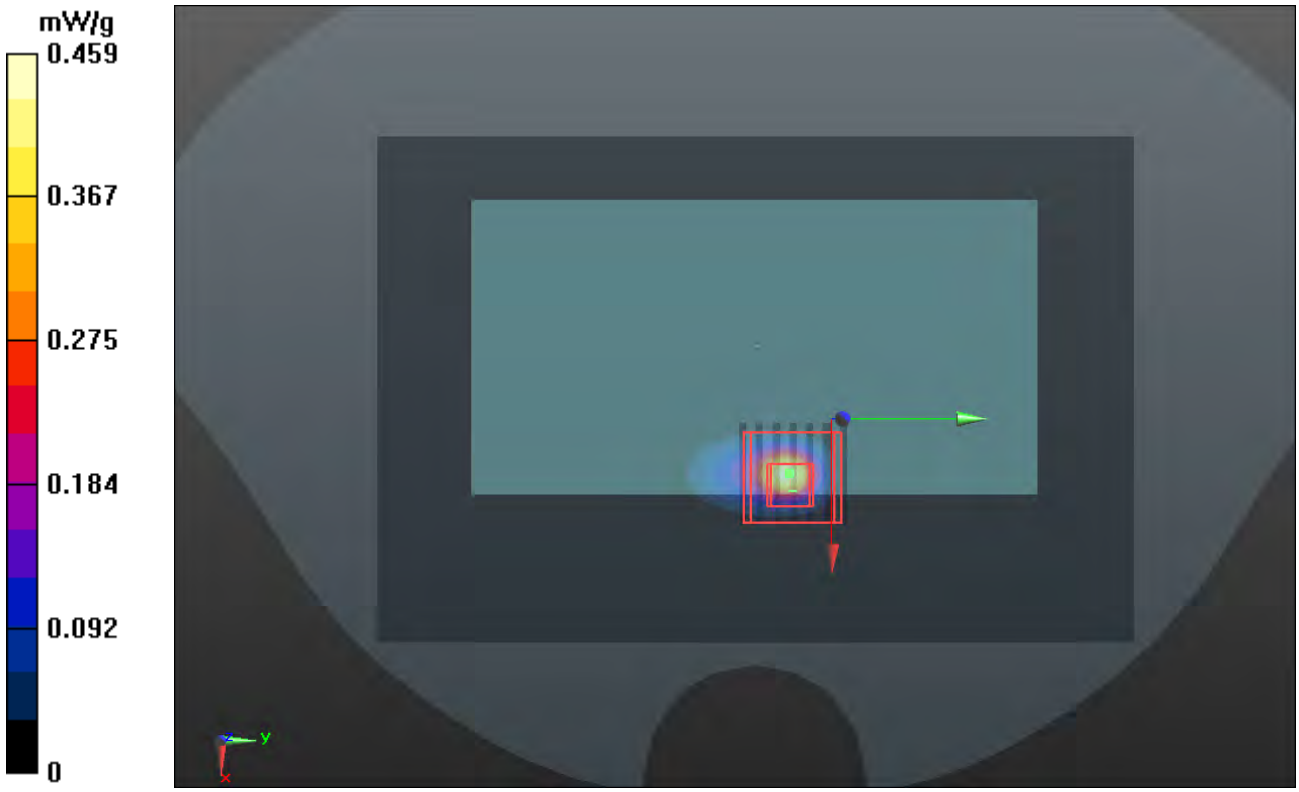
DUT: 120626C35

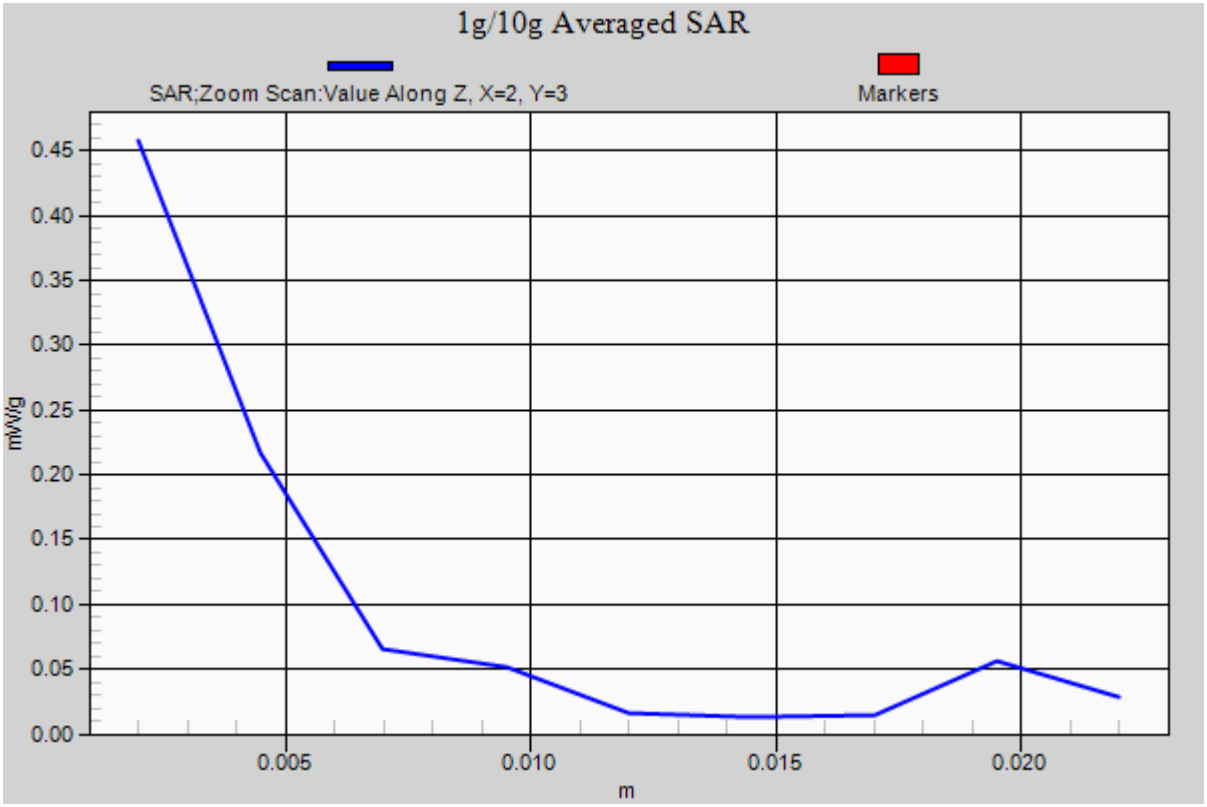
Communication System: WLAN 5G; Frequency: 5805 MHz;Duty Cycle: 1:1
Medium: B5G_0713 Medium parameters used: f = 5805 MHz; σ = 6.141 mho/m; ε_r = 47.662; ρ = 1000 kg/m^3
Ambient Temperature：21.5 ℃; Liquid Temperature：20.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3650; ConvF(3.81, 3.81, 3.81); Calibrated: 2011/10/26;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn910; Calibrated: 2011/12/07
- Phantom: SAM Phantom_Front; Type: SAM V4.0; Serial: TP 1654
- Measurement SW: DASY52, Version 52.8 (1); SEMCAD X Version 14.6.5 (6469)

Ch161/Area Scan (121x181x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.459 mW/g

Ch161/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 1.070 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.986 mW/g
SAR(1 g) = 0.191 mW/g; SAR(10 g) = 0.050 mW/g
Maximum value of SAR (measured) = 0.458 mW/g




1g/10g Averaged SAR
SAR;Zoom Scan:Value Along Z, X=2, Y=3
Markers
mW/g
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.005
0.010
0.015
0.020
m