LTE2500-FDD7_CH21350 Left Cheek
Date: 9/23/2017
Electronics: DAE4 Sn1331
Medium: Head 2600 MHz
Medium parameters used: f = 2560 MHz; σ = 1.905 mho/m; εr = 39.81; ρ = 1000 kg/m^3
Ambient Temperature: 22.5ºC, Liquid Temperature: 22.3ºC
Communication System: LTE2500-FDD7 2560 MHz Duty Cycle: 1:1
Probe: EX3DV4 – SN3846 ConvF(7.12,7.12,7.12)

Area Scan (71x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.749 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.032 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.59 W/kg; SAR(10 g) = 0.313 W/kg
Maximum value of SAR (measured) = 0.736 W/kg

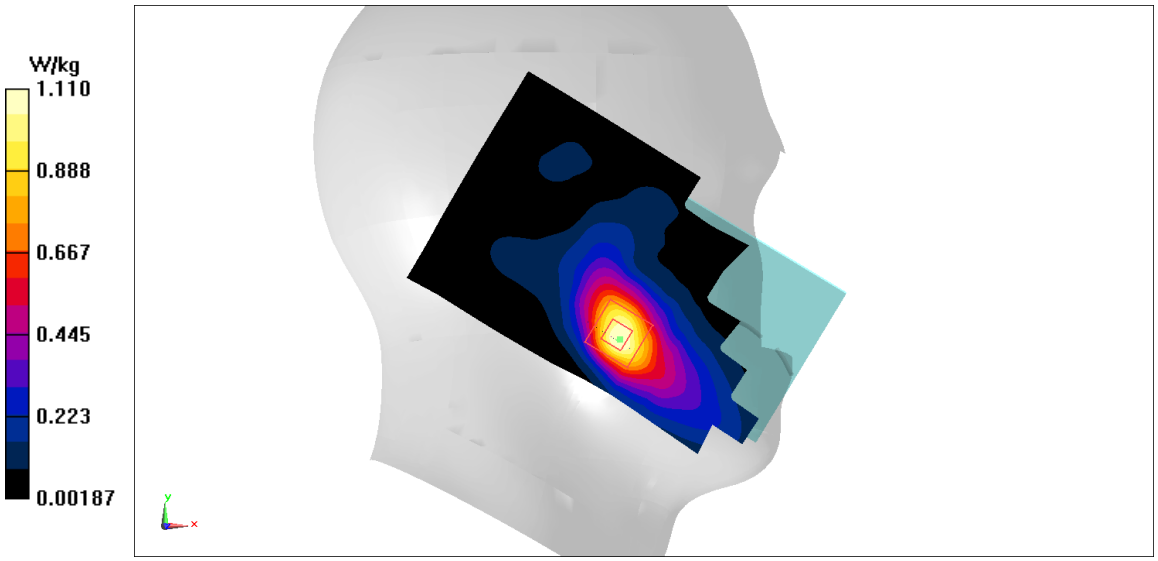

Fig I.17

LTE2500-FDD7_CH21350 Rear
Date: 9/23/2017
Electronics: DAE4 Sn1331
Medium: Head 2600 MHz
Medium parameters used: f = 2560 MHz; σ = 2.086 mho/m; εr = 52.1; ρ = 1000 kg/m^3
Ambient Temperature: 22.5ºC, Liquid Temperature: 22.3ºC
Communication System: LTE2500-FDD7 2560 MHz Duty Cycle: 1:1
Probe: EX3DV4 – SN3846 ConvF(7.25,7.25,7.25)

Area Scan (71x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.31 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.4 V/m; Power Drift = -0.1 dB
Peak SAR (extrapolated) = 1.6 W/kg
SAR(1 g) = 0.832 W/kg; SAR(10 g) = 0.435 W/kg
Maximum value of SAR (measured) = 1.16 W/kg

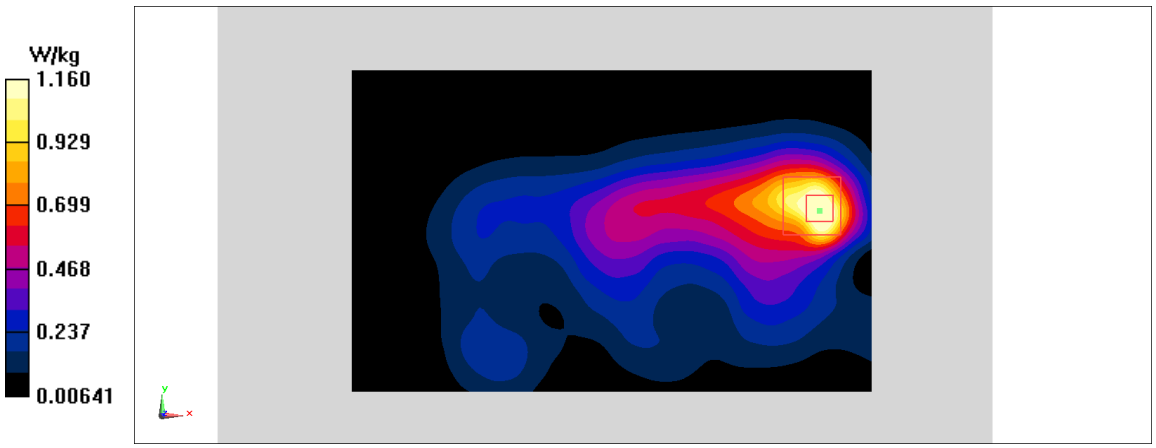

Fig I.18

LTE700-FDD12_CH23060 Left Cheek
Date: 9/18/2017
Electronics: DAE4 Sn1331
Medium: Head 750 MHz
Medium parameters used: f = 704 MHz; σ = 0.85 mho/m; εr = 42.16; ρ = 1000 kg/m^3
Ambient Temperature: 22.5ºC, Liquid Temperature: 22.3ºC
Communication System: LTE700-FDD12 704 MHz Duty Cycle: 1:1
Probe: EX3DV4 – SN3846 ConvF(9.65,9.65,9.65)

Area Scan (71x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.097 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.744 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.106 W/kg
SAR(1 g) = 0.088 W/kg; SAR(10 g) = 0.072 W/kg
Maximum value of SAR (measured) = 0.095 W/kg

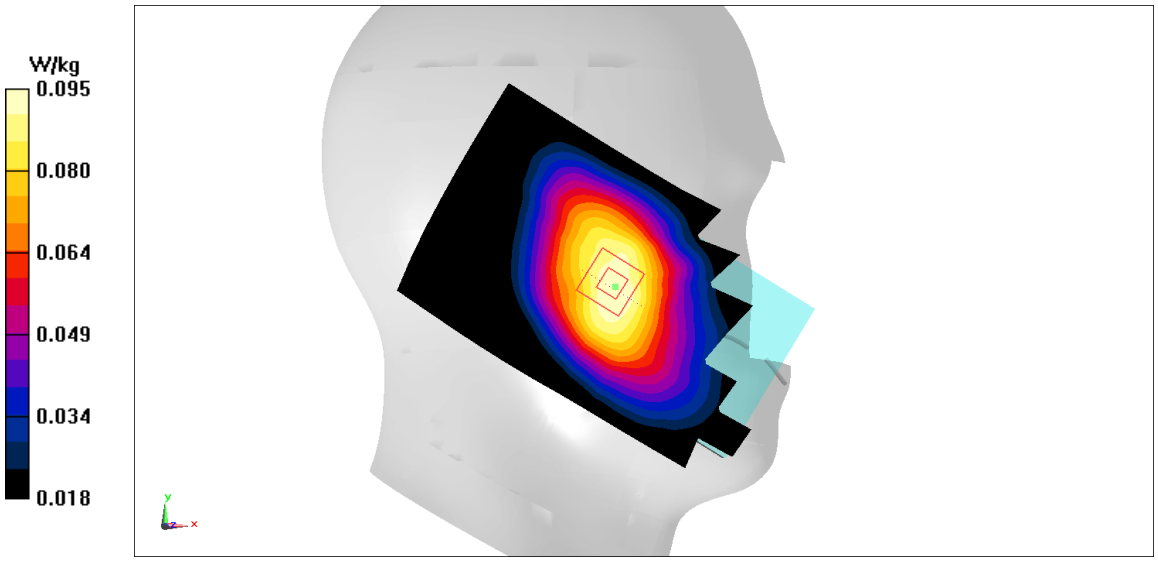

Fig I.19

LTE700-FDD12_CH23060 Rear
Date: 9/18/2017
Electronics: DAE4 Sn1331
Medium: Head 750 MHz
Medium parameters used: f = 704 MHz; σ = 0.917 mho/m; εr = 55.18; ρ = 1000 kg/m^3
Ambient Temperature: 22.5ºC, Liquid Temperature: 22.3ºC
Communication System: LTE700-FDD12 704 MHz Duty Cycle: 1:1
Probe: EX3DV4 – SN3846 ConvF(9.96,9.96,9.96)

Area Scan (71x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.177 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.94 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.194 W/kg
SAR(1 g) = 0.154 W/kg; SAR(10 g) = 0.12 W/kg
Maximum value of SAR (measured) = 0.176 W/kg

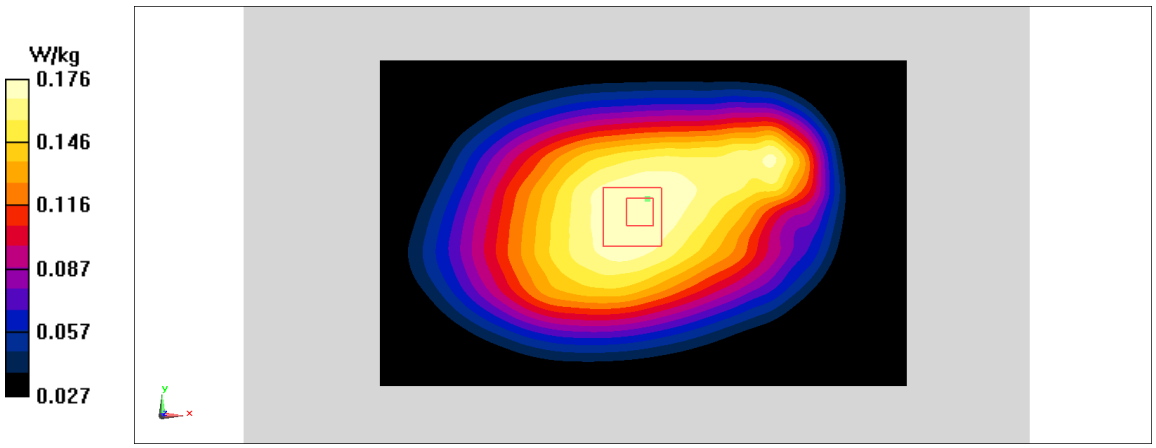

Fig I.20

LTE750-FDD13_CH23230 Left Cheek
Date: 9/18/2017
Electronics: DAE4 Sn1331
Medium: Head 750 MHz
Medium parameters used: f = 782 MHz; σ = 0.924 mho/m; εr = 42.06; ρ = 1000 kg/m^3
Ambient Temperature: 22.5ºC, Liquid Temperature: 22.3ºC
Communication System: LTE750-FDD13 782 MHz Duty Cycle: 1:1
Probe: EX3DV4 – SN3846 ConvF(9.65,9.65,9.65)

Area Scan (71x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.285 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.783 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.327 W/kg
SAR(1 g) = 0.262 W/kg; SAR(10 g) = 0.206 W/kg
Maximum value of SAR (measured) = 0.288 W/kg

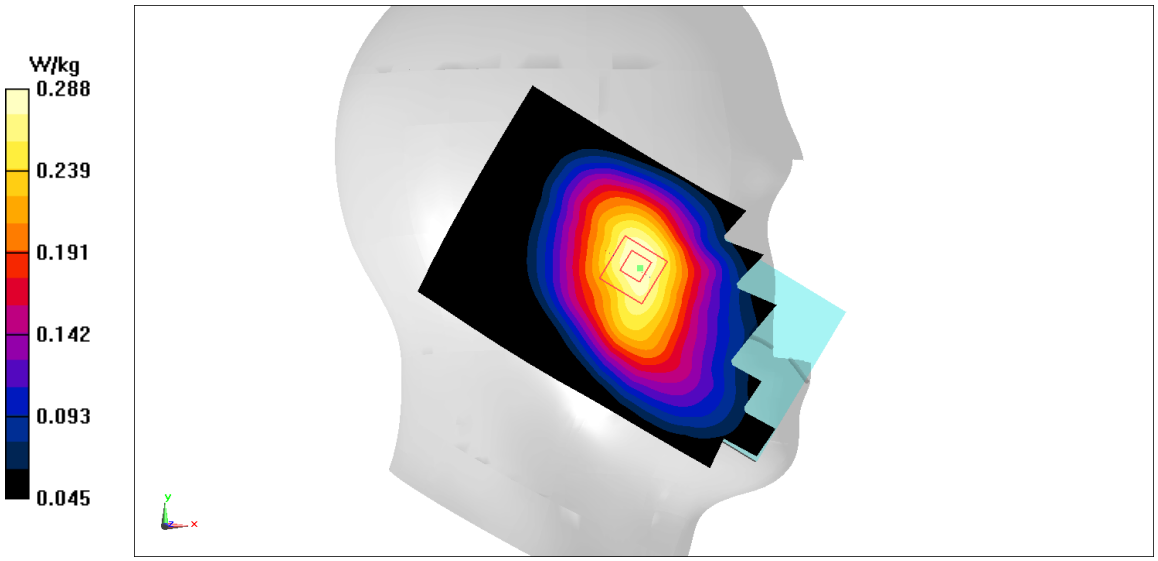

Fig I.21

LTE750-FDD13_CH23230 Rear
Date: 9/18/2017
Electronics: DAE4 Sn1331
Medium: Head 750 MHz
Medium parameters used: f = 782 MHz; σ = 0.991 mho/m; εr = 55.08; ρ = 1000 kg/m^3
Ambient Temperature: 22.5ºC, Liquid Temperature: 22.3ºC
Communication System: LTE750-FDD13 782 MHz Duty Cycle: 1:1
Probe: EX3DV4 – SN3846 ConvF(9.96,9.96,9.96)

Area Scan (71x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.365 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.05 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.399 W/kg
SAR(1 g) = 0.313 W/kg; SAR(10 g) = 0.241 W/kg
Maximum value of SAR (measured) = 0.36 W/kg

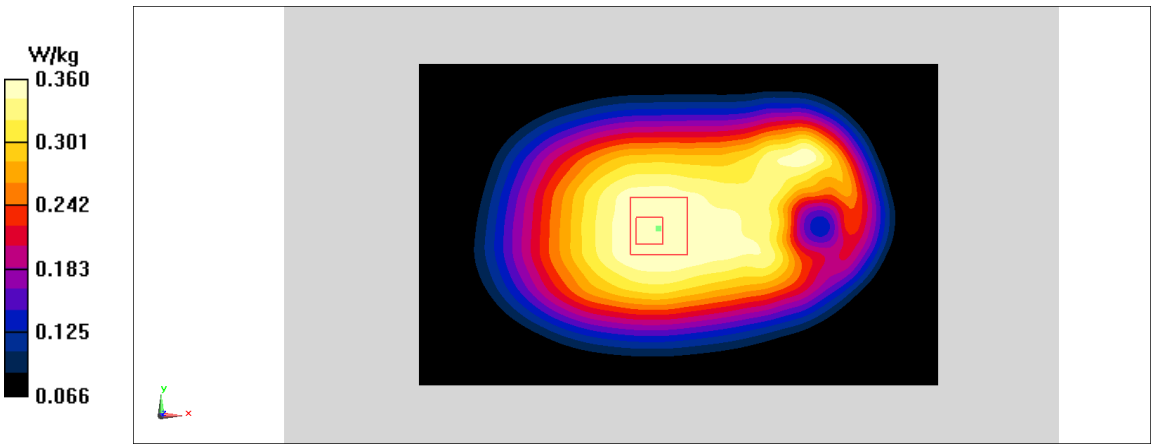

Fig I.22

WLAN2450_CH6 Right Cheek
Date: 9/22/2017
Electronics: DAE4 Sn1331
Medium: Head 2450 MHz
Medium parameters used: f = 2437 MHz; σ = 1.765 mho/m; εr = 39.96; ρ = 1000 kg/m^3
Ambient Temperature: 22.5ºC, Liquid Temperature: 22.3ºC
Communication System: WLAN2450 2437 Duty Cycle: 1:1
Probe: EX3DV4 – SN3846 ConvF(7.22,7.22,7.22)

Area Scan (71x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.04 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.04 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.53 W/kg
SAR(1 g) = 0.632 W/kg; SAR(10 g) = 0.312 W/kg
Maximum value of SAR (measured) = 0.813 W/kg

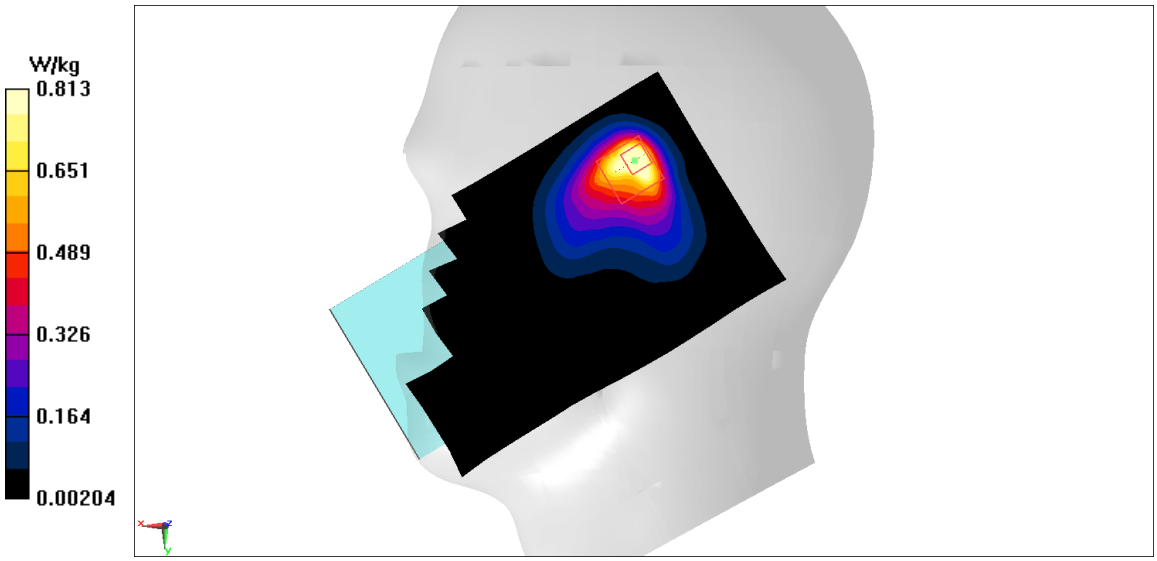

Fig I.23

WLAN2450_CH6 Rear
Date: 9/22/2017
Electronics: DAE4 Sn1331
Medium: Head 2450 MHz
Medium parameters used: f = 2437 MHz; σ = 1.938 mho/m; εr = 53.29; ρ = 1000 kg/m^3
Ambient Temperature: 22.5ºC, Liquid Temperature: 22.3ºC
Communication System: WLAN2450 2437 Duty Cycle: 1:1
Probe: EX3DV4 – SN3846 ConvF(7.31,7.31,7.31)

Area Scan (71x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.18 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.52 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.246 W/kg
SAR(1 g) = 0.122 W/kg; SAR(10 g) = 0.060 W/kg
Maximum value of SAR (measured) = 0.158 W/kg

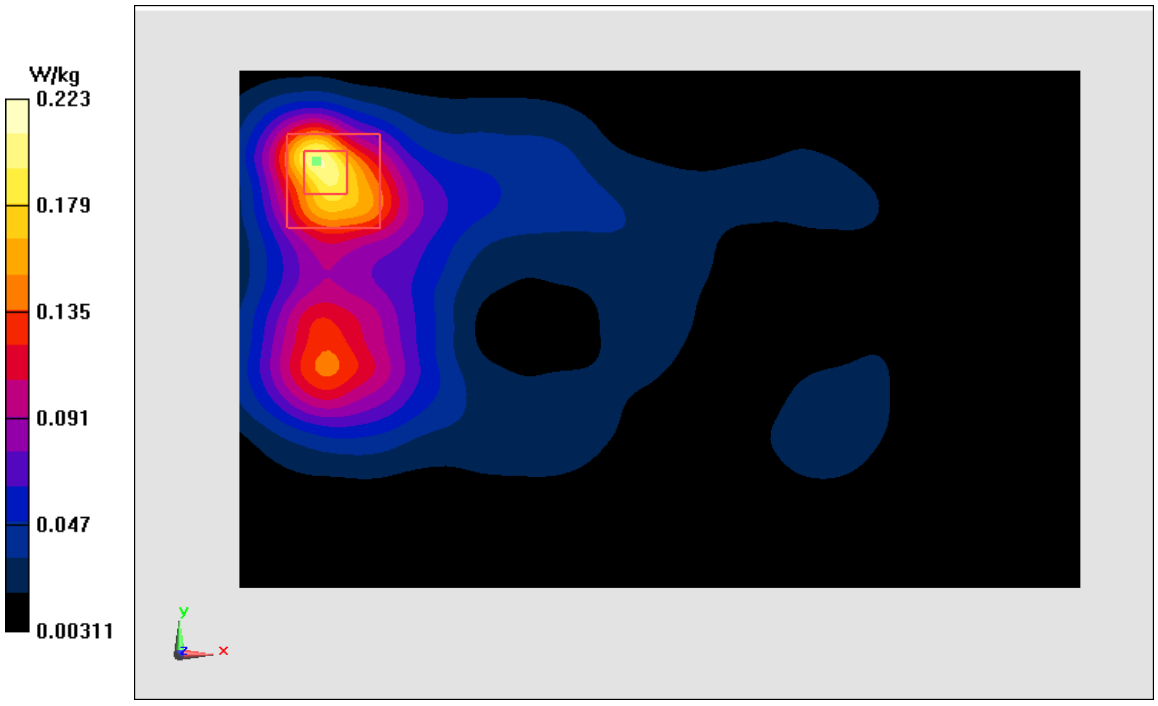

Fig I.24

ANNEX J Accreditation Certificate

United States Department of Commerce
National Institute of Standards and Technology

NVLAP®

Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 600118-0

Telecommunication Technology Labs, CAICT
Beijing
China

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

Electromagnetic Compatibility & Telecommunications

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

2016-09-29 through 2017-09-30
Effective Dates

DEPARTMENT OF COMMERCE * UNITED STATES OF AMERICA *

For the National Voluntary Laboratory Accreditation Program