# Compliance Certification Services Inc. Date of Issue: April 8, 2015 FCC ID: 2AEB5M691 Report

Report No .: C150309S01-SE

	_
GSM 850-Right Head Cheek Low CH128	
GSM 850-Right Head Tilted Low CH128	
GSM 850-Left Head Cheek Low CH128	
GSM 850-Left Head Tilted Low CH128	
PCS 1900-Right Head Cheek Low CH512	
PCS 1900-Right Head Tilted Low CH512	
PCS 1900-Left Head Cheek Low CH512	
PCS 1900-Left Head Tilted Low CH512	
WCDMA Band II-Right Head Cheek Low CH9262	
WCDMA Band II-Right Head Tilted Low CH9262	
WCDMA Band II-Left Head Cheek Low CH9262	
WCDMA Band II-Left Head Tilted Low CH9262	
WCDMA Band V-Right Head Cheek Low CH4132	
WCDMA Band V-Right Head Tilted Low CH4132	
WCDMA Band V-Left Head Cheek Low CH4132	
WCDMA Band V-Left Head Tilted Low CH4132	21
WiFi-Right Head Cheek Middle CH6	22
WiFi-Right Head Tilted Middle CH6	23
WiFi-Left Head Cheek Low CH1	
WiFi-Left Head Cheek Middle CH6	25
WiFi-Left Head Cheek High CH11	
WiFi-Left Head Tilted Middle CH6	28
GPRS 850-Body Front Low CH128	29
GPRS 850-Body Rear Low CH128	30
GPRS 850-Body Edge 1 Low CH128	
GPRS 850-Body Edge 2 Low CH128	33
GPRS 850-Body Edge 3 Low CH128	34
GPRS 850-Body Edge 4 Low CH128	
GPRS 1900-Body Front High CH810	
GPRS 1900-Body Rear High CH810	
GPRS 1900-Body Edge 2 High CH810	39
GPRS 1900-Body Edge 3 High CH810	40
GPRS 1900-Body Edge 4 High CH810	41
WCDMA Band II-Body Front Low CH9262	42
WCDMA Band II-Body Rear Low CH9262	
WCDMA Band II-Body Edge 2 Low CH9262	
WCDMA Band II-Body Edge 3 Low CH9262	46
WCDMA Band II-Body Edge 4 Low CH9262	
WCDMA Band V-Body Front Low CH4132	48
WCDMA Band V-Body Rear Low CH4132	
WCDMA Band V-Body Edge 2 Low CH4132	
WCDMA Band V-Body Edge 3 Low CH4132	
WCDMA Band V-Body Edge 4 Low CH4132	
WIFI-Body Front Middle CH6	
WiFi-Body Rear Low CH1	
WiFi-Body Rear Middle CH6	
WiFi-Body Rear High CH11	
WiFi-Body Edge 1 Middle CH6	
WiFi-Body Rear High CH11 repeat	59

Date of Issue: April 8, 2015

FCC ID: 2AEB5M691

Report No .: C150309S01-SE

Date: 3/14/2015

Test Laboratory: Compliance Certification Services Inc.

**GSM 850-Right Head Cheek Low CH128** 

DUT: Tablet PC; Type: M691; Serial: 889107018251917

Communication System: UID 0, Generic GSM; Communication System Band: GSM850; Frequency:

824.2 MHz; Duty Cycle: 1:8.30042

Medium parameters used (interpolated): f = 824.2 MHz;  $\sigma = 0.886 \text{ S/m}$ ;  $\varepsilon_r = 41.432$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 SN3798; ConvF(9.3, 9.3, 9.3); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**GSM850/Right Head Cheek Low CH128/Area Scan (10x12x1):** Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0634 W/kg

**GSM850/Right Head Cheek Low CH128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

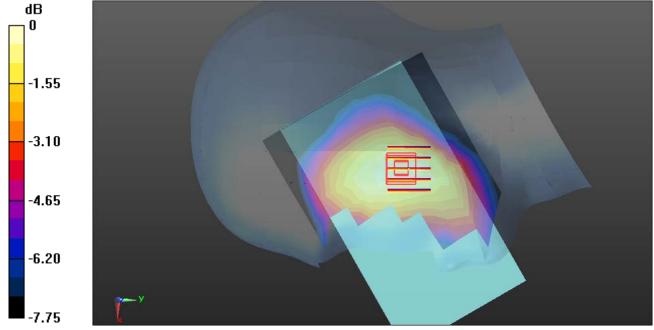
Reference Value = 4.129 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.0710 W/kg

SAR(1 g) = 0.059 W/kg; SAR(10 g) = 0.047 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0656 W/kg



0 dB = 0.0656 W/kg = -11.83 dBW/kg

Date of Issue: April 8, 2015

FCC ID: 2AEB5M691

Report No .: C150309S01-SE

Date: 3/14/2015

Test Laboratory: Compliance Certification Services Inc.

**GSM 850-Right Head Tilted Low CH128** 

DUT: Tablet PC; Type: M691; Serial: 889107018251917

Communication System: UID 0, Generic GSM; Communication System Band: GSM850; Frequency:

824.2 MHz; Duty Cycle: 1:8.30042

Medium parameters used (interpolated): f = 824.2 MHz;  $\sigma = 0.886 \text{ S/m}$ ;  $\varepsilon_r = 41.432$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 SN3798; ConvF(9.3, 9.3, 9.3); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

GSM850/Right Head Tilted Low CH128/Area Scan (9x12x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0426 W/kg

GSM850/Right Head Tilted Low CH128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm,

dy=8mm, dz=5mm

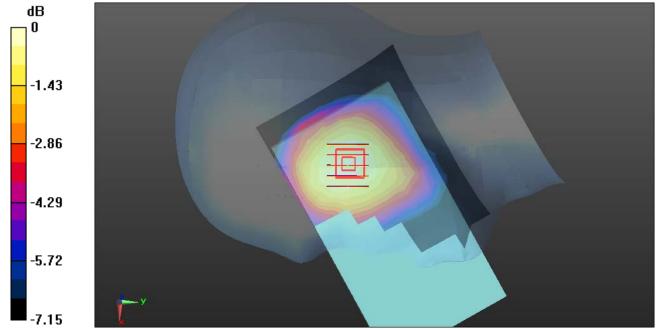
Reference Value = 5.423 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.0470 W/kg

SAR(1 g) = 0.039 W/kg; SAR(10 g) = 0.031 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0438 W/kg



0 dB = 0.0438 W/kg = -13.59 dBW/kg

Date of Issue: April 8, 2015

FCC ID: 2AEB5M691

Report No .: C150309S01-SE

Test Laboratory: Compliance Certification Services Inc. Date: 3/14/2015

**GSM 850-Left Head Cheek Low CH128** 

DUT: Tablet PC; Type: M691; Serial: 889107018251917

Communication System: UID 0, Generic GSM; Communication System Band: GSM850; Frequency:

824.2 MHz; Duty Cycle: 1:8.30042

Medium parameters used (interpolated): f = 824.2 MHz;  $\sigma = 0.886 \text{ S/m}$ ;  $\varepsilon_r = 41.432$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 SN3798; ConvF(9.3, 9.3, 9.3); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

GSM850/Left Head Cheek Low CH128/Area Scan (10x12x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0643 W/kg

GSM850/Left Head Cheek Low CH128/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm,

dy=8mm, dz=5mm

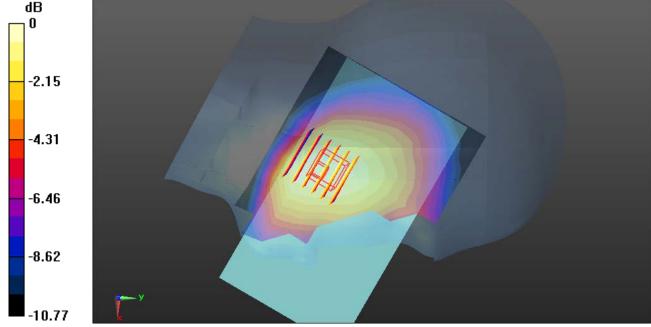
Reference Value = 4.020 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.0710 W/kg

SAR(1 g) = 0.059 W/kg; SAR(10 g) = 0.047 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

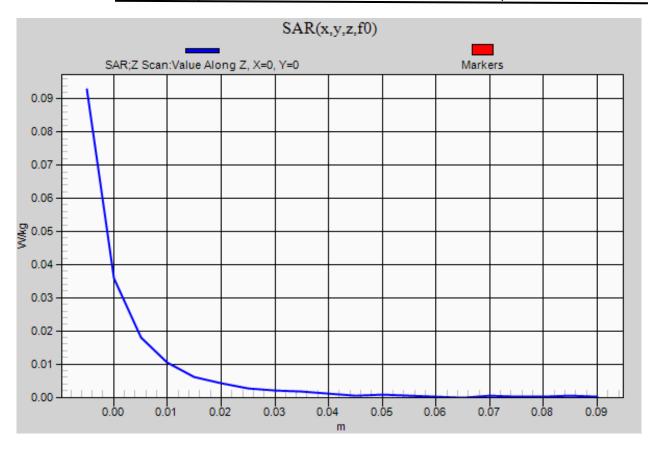
Maximum value of SAR (measured) = 0.0653 W/kg



0 dB = 0.0653 W/kg = -11.85 dBW/kg



Report No .: C150309S01-SE



Date of Issue: April 8, 2015

FCC ID: 2AEB5M691

Report No .: C150309S01-SE

Date: 3/14/2015

Test Laboratory: Compliance Certification Services Inc.

**GSM 850-Left Head Tilted Low CH128** 

DUT: Tablet PC; Type: M691; Serial: 889107018251917

Communication System: UID 0, Generic GSM; Communication System Band: GSM850; Frequency:

824.2 MHz; Duty Cycle: 1:8.30042

Medium parameters used (interpolated): f = 824.2 MHz;  $\sigma = 0.886 \text{ S/m}$ ;  $\varepsilon_r = 41.432$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 SN3798; ConvF(9.3, 9.3, 9.3); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

GSM850/Left Head Tilted Low CH128/Area Scan (9x12x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0355 W/kg

GSM850/Left Head Tilted Low CH128/Zoom Scan (5x6x7)/Cube 0: Measurement grid: dx=8mm,

dy=8mm, dz=5mm

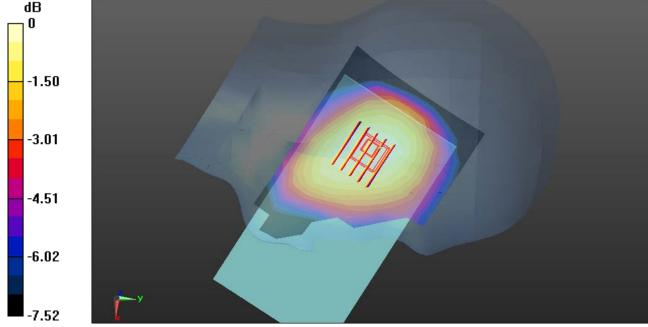
Reference Value = 5.572 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.0370 W/kg

SAR(1 g) = 0.031 W/kg; SAR(10 g) = 0.025 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0345 W/kg



0 dB = 0.0345 W/kg = -14.62 dBW/kg

Date of Issue: April 8, 2015

FCC ID: 2AEB5M691

Report No .: C150309S01-SE

Date: 3/15/2015

Test Laboratory: Compliance Certification Services Inc.

PCS 1900-Right Head Cheek Low CH512

DUT: Tablet PC; Type: M691; Serial: 889107018251917

Communication System: UID 0, Generic GSM (0); Communication System Band: PCS1900; Frequency:

1850.2 MHz; Duty Cycle: 1:8.30042

Medium parameters used (interpolated): f = 1850.2 MHz;  $\sigma = 1.386 \text{ S/m}$ ;  $\epsilon_r = 40.072$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 SN3798; ConvF(7.75, 7.75, 7.75); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

PCS1900/Right Head Cheek Low CH512/Area Scan (10x12x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.124 W/kg

PCS1900/Right Head Cheek Low CH512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

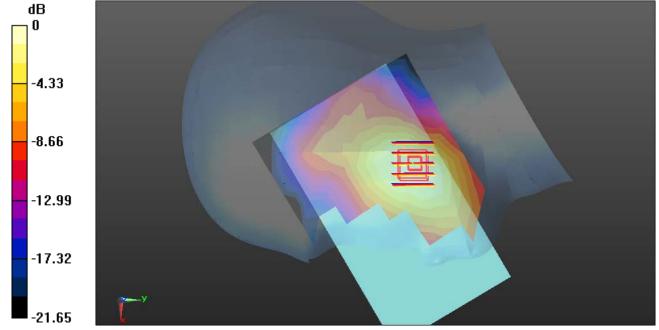
Reference Value = 3.432 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.167 W/kg

SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.059 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

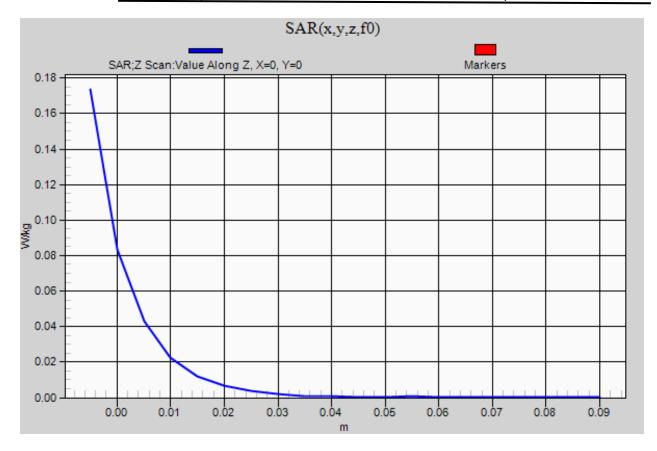
Maximum value of SAR (measured) = 0.134 W/kg



0 dB = 0.134 W/kg = -8.73 dBW/kg



Report No .: C150309S01-SE



Date of Issue: April 8, 2015

FCC ID: 2AEB5M691

Report No .: C150309S01-SE

Test Laboratory: Compliance Certification Services Inc. Date: 3/15/2015

PCS 1900-Right Head Tilted Low CH512

DUT: Tablet PC; Type: M691; Serial: 889107018251917

Communication System: UID 0, Generic GSM (0); Communication System Band: PCS1900; Frequency:

1850.2 MHz; Duty Cycle: 1:8.30042

Medium parameters used (interpolated): f = 1850.2 MHz;  $\sigma = 1.386 \text{ S/m}$ ;  $\epsilon_r = 40.072$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 SN3798; ConvF(7.75, 7.75, 7.75); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

PCS1900/Right Head Tilted Low CH512/Area Scan (9x12x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0622 W/kg

PCS1900/Right Head Tilted Low CH512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

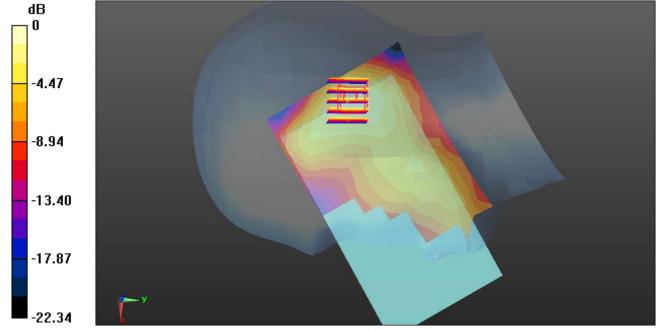
Reference Value = 5.717 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.0880 W/kg

SAR(1 g) = 0.049 W/kg; SAR(10 g) = 0.027 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0666 W/kg



0 dB = 0.0666 W/kg = -11.77 dBW/kg

Date of Issue: April 8, 2015

FCC ID: 2AEB5M691

Report No .: C150309S01-SE

Date: 3/15/2015

Test Laboratory: Compliance Certification Services Inc.

PCS 1900-Left Head Cheek Low CH512

DUT: Tablet PC; Type: M691; Serial: 889107018251917

Communication System: UID 0, Generic GSM (0); Communication System Band: PCS1900; Frequency:

1850.2 MHz; Duty Cycle: 1:8.30042

Medium parameters used (interpolated): f = 1850.2 MHz;  $\sigma = 1.386 \text{ S/m}$ ;  $\epsilon_r = 40.072$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 SN3798; ConvF(7.75, 7.75, 7.75); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

PCS1900/Left Head Cheek Low CH512/Area Scan (10x12x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0853 W/kg

PCS1900/Left Head Cheek Low CH512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Defense 2 Value - 2 746 V*lices* Desser

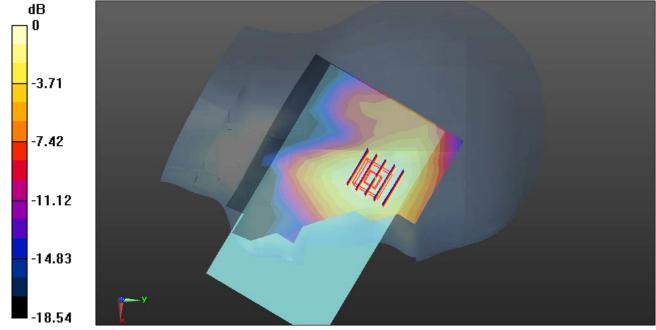
Reference Value = 3.716 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.107 W/kg

SAR(1 g) = 0.064 W/kg; SAR(10 g) = 0.038 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0849 W/kg



0 dB = 0.0849 W/kg = -10.71 dBW/kg

Date of Issue: April 8, 2015

FCC ID: 2AEB5M691

Report No .: C150309S01-SE

Test Laboratory: Compliance Certification Services Inc. Date: 3/15/2015

PCS 1900-Left Head Tilted Low CH512

DUT: Tablet PC; Type: M691; Serial: 889107018251917

Communication System: UID 0, Generic GSM (0); Communication System Band: PCS1900; Frequency:

1850.2 MHz; Duty Cycle: 1:8.30042

Medium parameters used (interpolated): f = 1850.2 MHz;  $\sigma = 1.386 \text{ S/m}$ ;  $\varepsilon_r = 40.072$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 SN3798; ConvF(7.75, 7.75, 7.75); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

PCS1900/Left Head Tilted Low CH512/Area Scan (9x12x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0834 W/kg

PCS1900/Left Head Tilted Low CH512/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm,

dy=8mm, dz=5mm

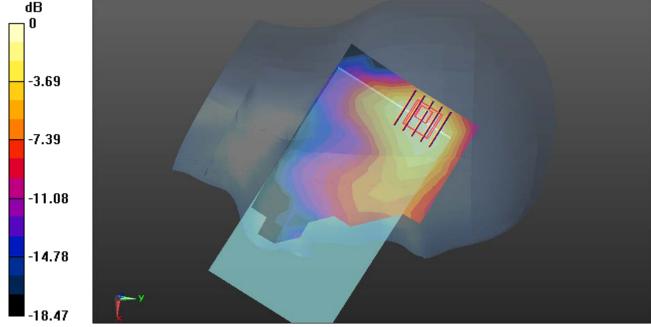
Reference Value = 5.318 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.120 W/kg

SAR(1 g) = 0.059 W/kg; SAR(10 g) = 0.033 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0848 W/kg



0 dB = 0.0848 W/kg = -10.72 dBW/kg

Date of Issue: April 8, 2015

FCC ID: 2AEB5M691

Report No .: C150309S01-SE

Test Laboratory: Compliance Certification Services Inc. Date: 3/15/2015

WCDMA Band II-Right Head Cheek Low CH9262 DUT: Tablet PC; Type: M691; Serial: 889107018251917

Communication System: UID 0, FDD WCDMA; Communication System Band: Band II; Frequency:

1852.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): f = 1852.4 MHz;  $\sigma = 1.388 \text{ S/m}$ ;  $\epsilon_r = 40.067$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 SN3798; ConvF(7.75, 7.75, 7.75); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA/Right Head Cheek Low CH9262/Area Scan (10x12x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.162 W/kg

WCDMA/Right Head Cheek Low CH9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

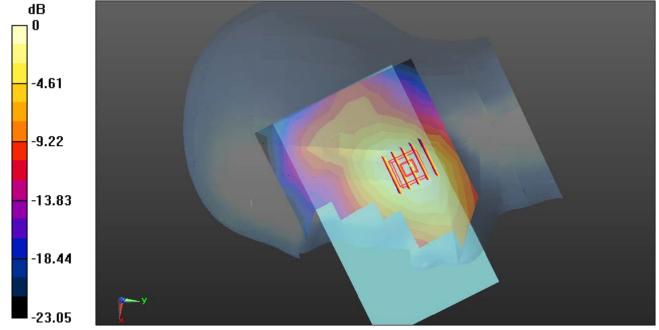
Reference Value = 3.964 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.207 W/kg

SAR(1 g) = 0.126 W/kg; SAR(10 g) = 0.075 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

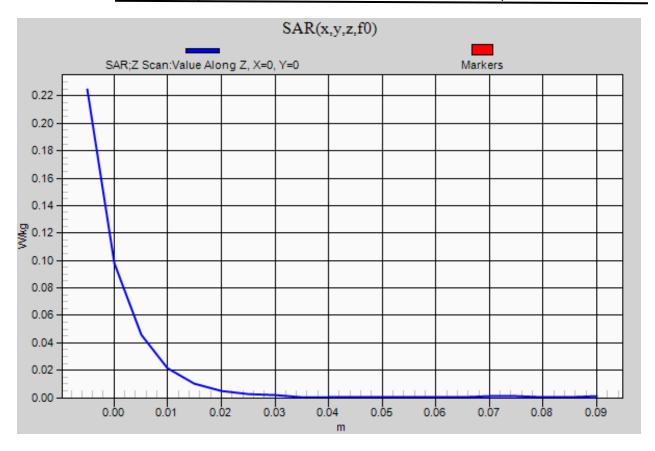
Maximum value of SAR (measured) = 0.167 W/kg



0 dB = 0.167 W/kg = -7.77 dBW/kg



Report No .: C150309S01-SE



Date of Issue: April 8, 2015

FCC ID: 2AEB5M691

Report No .: C150309S01-SE

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WCDMA Band II-Right Head Tilted Low CH9262 DUT: Tablet PC; Type: M691; Serial: 889107018251917

Communication System: UID 0, FDD WCDMA; Communication System Band: Band II; Frequency: 1852.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): f = 1852.4 MHz;  $\sigma = 1.388 \text{ S/m}$ ;  $\epsilon_r = 40.067$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 SN3798; ConvF(7.75, 7.75, 7.75); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA/Right Head Tilted Low CH9262/Area Scan (9x12x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0807 W/kg

WCDMA/Right Head Tilted Low CH9262/Zoom Scan (7x7x9)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=3mm

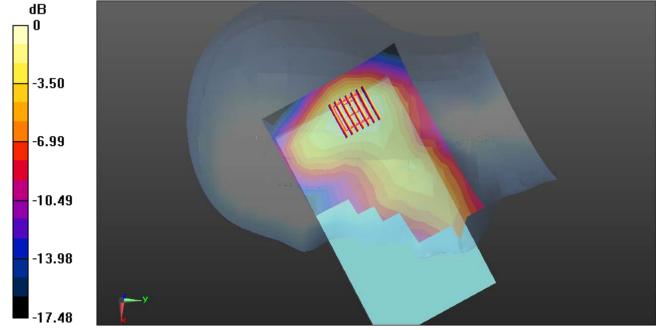
Reference Value = 6.996 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.108 W/kg

SAR(1 g) = 0.059 W/kg; SAR(10 g) = 0.032 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0774 W/kg



0 dB = 0.0774 W/kg = -11.11 dBW/kg

Date of Issue: April 8, 2015

FCC ID: 2AEB5M691

Report No .: C150309S01-SE

Test Laboratory: Compliance Certification Services Inc. Date: 3/15/2015

WCDMA Band II-Left Head Cheek Low CH9262 DUT: Tablet PC; Type: M691; Serial: 889107018251917

Communication System: UID 0, FDD WCDMA; Communication System Band: Band 2; Frequency: 1880

MHz; Duty Cycle: 1:1

Medium parameters used: f = 1880 MHz;  $\sigma = 1.413 \text{ S/m}$ ;  $\varepsilon_r = 40.008$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 SN3798; ConvF(7.75, 7.75, 7.75); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

# WCDMA/Left Head Cheek Low CH9262/Area Scan (10x12x1): Measurement grid: dx=15mm,

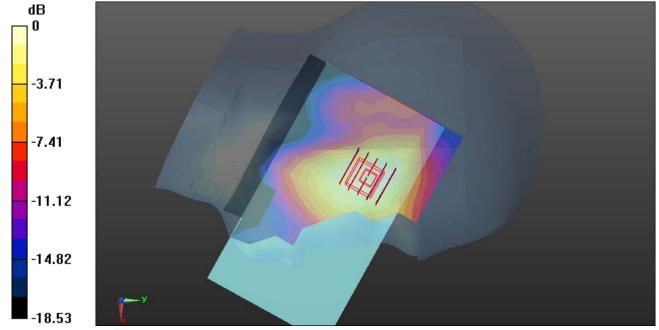
Maximum value of SAR (measured) = 0.132 W/kg

#### WCDMA/Left Head Cheek Low CH9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.919 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.166 W/kg

SAR(1 g) = 0.096 W/kg; SAR(10 g) = 0.056 W/kgMaximum value of SAR (measured) = 0.131 W/kg



0 dB = 0.131 W/kg = -8.83 dBW/kg

Date of Issue: April 8, 2015

FCC ID: 2AEB5M691

Report No .: C150309S01-SE

Test Laboratory: Compliance Certification Services Inc. Date: 3/15/2015

WCDMA Band II-Left Head Tilted Low CH9262

DUT: Tablet PC; Type: M691; Serial: 889107018251917

Communication System: UID 0, FDD WCDMA; Communication System Band: Band II; Frequency:

1852.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): f = 1852.4 MHz;  $\sigma = 1.388 \text{ S/m}$ ;  $\epsilon_r = 40.067$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 SN3798; ConvF(7.75, 7.75, 7.75); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA/Left Head Tilted Low CH9262/Area Scan (9x12x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0909 W/kg

WCDMA/Left Head Tilted Low CH9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm,

dy=8mm, dz=5mm

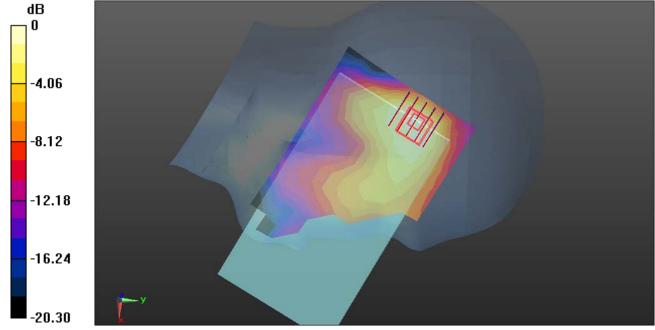
Reference Value = 6.669 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.127 W/kg

SAR(1 g) = 0.066 W/kg; SAR(10 g) = 0.037 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0945 W/kg



0 dB = 0.0945 W/kg = -10.25 dBW/kg

Date of Issue: April 8, 2015

FCC ID: 2AEB5M691

Report No .: C150309S01-SE

Test Laboratory: Compliance Certification Services Inc. Date: 3/14/2015

WCDMA Band V-Right Head Cheek Low CH4132 DUT: Tablet PC; Type: M691; Serial: 889107018251917

Communication System: UID 0, FDD WCDMA; Communication System Band: Band V; Frequency: 826.4

MHz;Duty Cycle: 1:1

Medium parameters used: f = 826.5 MHz;  $\sigma = 0.888 \text{ S/m}$ ;  $\varepsilon_r = 41.403$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 SN3798; ConvF(9.3, 9.3, 9.3); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

# WCDMA/Right Head Cheek Low CH4132/Area Scan (10x12x1): Measurement grid: dx=15mm, dy=15mm

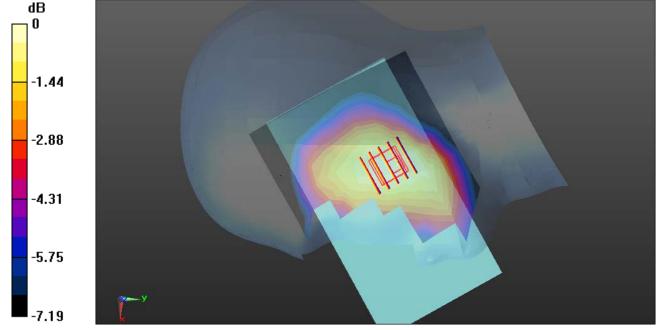
Maximum value of SAR (measured) = 0.0382 W/kg

# WCDMA/Right Head Cheek Low CH4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.142 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.0410 W/kg

SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.027 W/kg Maximum value of SAR (measured) = 0.0372 W/kg



0 dB = 0.0372 W/kg = -14.29 dBW/kg

Date of Issue: April 8, 2015

FCC ID: 2AEB5M691

Report No .: C150309S01-SE

Test Laboratory: Compliance Certification Services Inc. Date: 3/14/2015

WCDMA Band V-Right Head Tilted Low CH4132 DUT: Tablet PC; Type: M691; Serial: 889107018251917

Communication System: UID 0, FDD WCDMA; Communication System Band: Band V; Frequency: 826.4

MHz;Duty Cycle: 1:1

Medium parameters used: f = 826.5 MHz;  $\sigma$  = 0.888 S/m;  $\varepsilon_r$  = 41.403;  $\rho$  = 1000 kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 SN3798; ConvF(9.3, 9.3, 9.3); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

# WCDMA/Right Head Tilted Low CH4132/Area Scan (9x12x1): Measurement grid: dx=15mm, dy=15mm

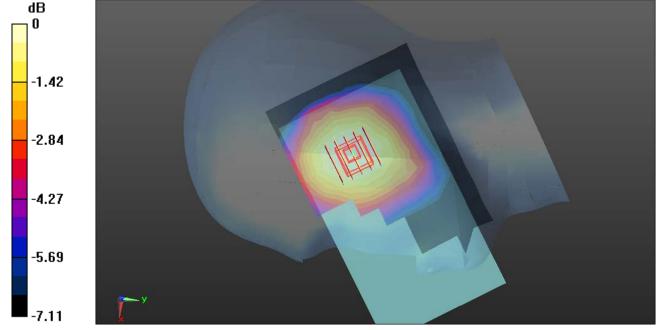
Maximum value of SAR (measured) = 0.0231 W/kg

# WCDMA/Right Head Tilted Low CH4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.124 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.0260 W/kg

SAR(1 g) = 0.021 W/kg; SAR(10 g) = 0.017 W/kg Maximum value of SAR (measured) = 0.0231 W/kg



0 dB = 0.0231 W/kg = -16.36 dBW/kg

Date of Issue: April 8, 2015

FCC ID: 2AEB5M691

Report No .: C150309S01-SE

Test Laboratory: Compliance Certification Services Inc. Date: 3/14/2015

WCDMA Band V-Left Head Cheek Low CH4132 DUT: Tablet PC; Type: M691; Serial: 889107018251917

Communication System: UID 0, FDD WCDMA; Communication System Band: Band V; Frequency: 826.4

MHz;Duty Cycle: 1:1

Medium parameters used: f = 826.5 MHz;  $\sigma$  = 0.888 S/m;  $\varepsilon_r$  = 41.403;  $\rho$  = 1000 kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 SN3798; ConvF(9.3, 9.3, 9.3); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

# WCDMA/Left Head Cheek Low CH4132/Area Scan (10x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0382 W/kg

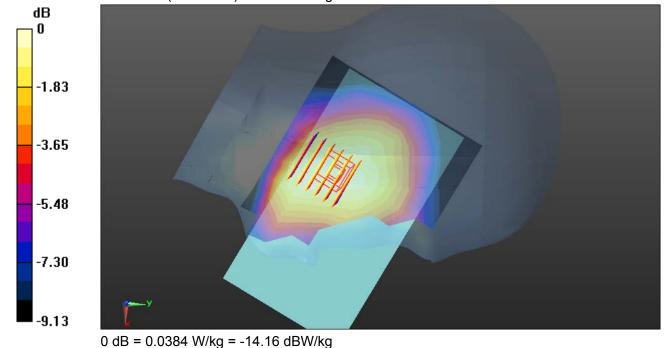
#### WCDMA/Left Head Cheek Low CH4132/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm,

dy=8mm, dz=5mm

Reference Value = 3.368 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.0420 W/kg

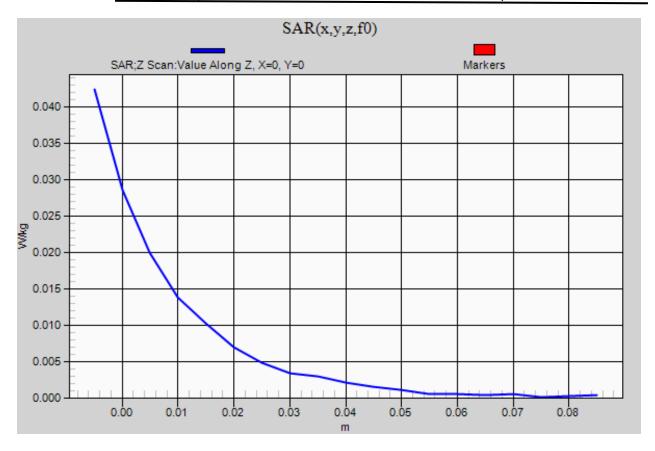
SAR(1 g) = 0.035 W/kg; SAR(10 g) = 0.029 W/kg Maximum value of SAR (measured) = 0.0384 W/kg



Page 19 of 60



Report No .: C150309S01-SE



Date of Issue: April 8, 2015

FCC ID: 2AEB5M691

Report No .: C150309S01-SE

Test Laboratory: Compliance Certification Services Inc. Date: 3/14/2015

WCDMA Band V-Left Head Tilted Low CH4132

DUT: Tablet PC; Type: M691; Serial: 889107018251917

Communication System: UID 0, FDD WCDMA; Communication System Band: Band V; Frequency: 826.4

MHz;Duty Cycle: 1:1

Medium parameters used: f = 826.5 MHz;  $\sigma$  = 0.888 S/m;  $\varepsilon_r$  = 41.403;  $\rho$  = 1000 kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 SN3798; ConvF(9.3, 9.3, 9.3); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

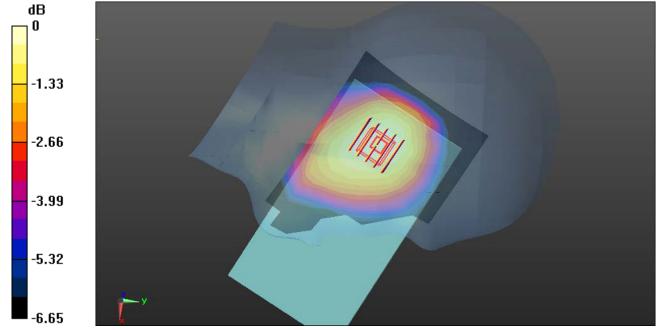
WCDMA/Left Head Tilted Low CH4132/Area Scan (9x12x1): Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.0242 W/kg

WCDMA/Left Head Tilted Low CH4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.366 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.0260 W/kg

SAR(1 g) = 0.021 W/kg; SAR(10 g) = 0.017 W/kg Maximum value of SAR (measured) = 0.0238 W/kg



0 dB = 0.0238 W/kg = -16.23 dBW/kg

Date of Issue: April 8, 2015

FCC ID: 2AEB5M691

Report No .: C150309S01-SE

Test Laboratory: Compliance Certification Services Inc. Date: 3/16/2015

WiFi-Right Head Cheek Middle CH6

DUT: Tablet PC; Type: M691; Serial: 889107018251917

Communication System: UID 0, IEEE 802.11b (0); Communication System Band: ISM 2.4GHz Band;

Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: f = 2437 MHz;  $\sigma = 1.803$  S/m;  $\varepsilon_r = 38.97$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 SN3798; ConvF(7.04, 7.04, 7.04); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**WiFi/Right Head Cheek Middle CH6/Area Scan (12x13x1):** Measurement grid: dx=12mm, dy=12mm Maximum value of SAR (measured) = 0.621 W/kg

WiFi/Right Head Cheek Middle CH6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

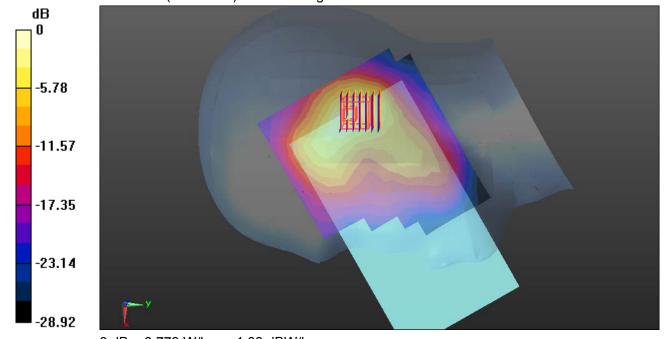
dy=5mm, dz=5mm

Reference Value = 20.34 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.485 W/kg; SAR(10 g) = 0.223 W/kg

Maximum value of SAR (measured) = 0.779 W/kg



0 dB = 0.779 W/kg = -1.08 dBW/kg

Date of Issue: April 8, 2015

FCC ID: 2AEB5M691

Report No .: C150309S01-SE

Date: 3/16/2015

Test Laboratory: Compliance Certification Services Inc.

WiFi-Right Head Tilted Middle CH6

DUT: Tablet PC; Type: M691; Serial: 889107018251917

Communication System: UID 0, IEEE 802.11b (0); Communication System Band: ISM 2.4GHz Band;

Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: f = 2437 MHz;  $\sigma = 1.803$  S/m;  $\varepsilon_r = 38.97$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Right Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 SN3798; ConvF(7.04, 7.04, 7.04); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**WiFi/Right Head Tilted Middle CH6/Area Scan (12x14x1):** Measurement grid: dx=12mm, dy=12mm Maximum value of SAR (measured) = 0.825 W/kg

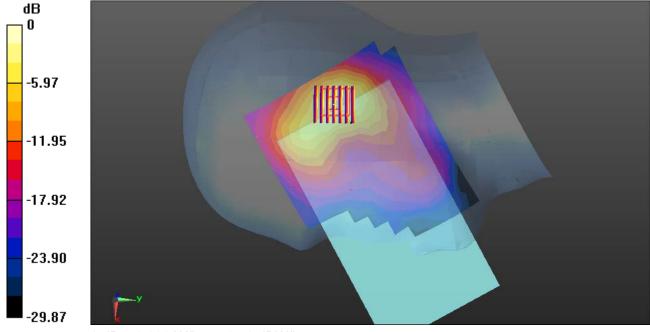
WiFi/Right Head Tilted Middle CH6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

dy=5mm, dz=5mm

Reference Value = 17.62 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.530 W/kg; SAR(10 g) = 0.234 W/kg Maximum value of SAR (measured) = 0.836 W/kg



0 dB = 0.836 W/kg = -0.78 dBW/kg

Date of Issue: April 8, 2015

FCC ID: 2AEB5M691

Report No .: C150309S01-SE

Test Laboratory: Compliance Certification Services Inc. Date: 3/16/2015

WiFi-Left Head Cheek Low CH1

DUT: Tablet PC; Type: M691; Serial: 889107018251917

Communication System: UID 0, IEEE 802.11b (0); Communication System Band: ISM 2.4GHz Band;

Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: f = 2412 MHz;  $\sigma = 1.771 \text{ S/m}$ ;  $\varepsilon_r = 39.092$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 SN3798; ConvF(7.04, 7.04, 7.04); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

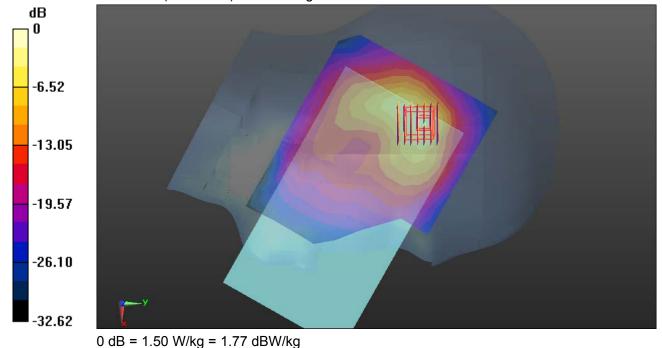
**WiFi/Left Head Cheek Low CH1/Area Scan (12x14x1):** Measurement grid: dx=12mm, dy=12mm Maximum value of SAR (measured) = 1.38 W/kg

**WiFi/Left Head Cheek Low CH1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.50 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.60 W/kg

SAR(1 g) = 0.849 W/kg; SAR(10 g) = 0.323 W/kg Maximum value of SAR (measured) = 1.50 W/kg



Date of Issue: April 8, 2015

FCC ID: 2AEB5M691

Report No .: C150309S01-SE

Test Laboratory: Compliance Certification Services Inc. Date: 3/16/2015

WiFi-Left Head Cheek Middle CH6

DUT: Tablet PC; Type: M691; Serial: 889107018251917

Communication System: UID 0, IEEE 802.11b (0); Communication System Band: ISM 2.4GHz Band;

Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: f = 2437 MHz;  $\sigma = 1.803$  S/m;  $\varepsilon_r = 38.97$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 SN3798; ConvF(7.04, 7.04, 7.04); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**WiFi/Left Head Cheek Middle CH6/Area Scan (12x14x1):** Measurement grid: dx=12mm, dy=12mm Maximum value of SAR (measured) = 1.33 W/kg

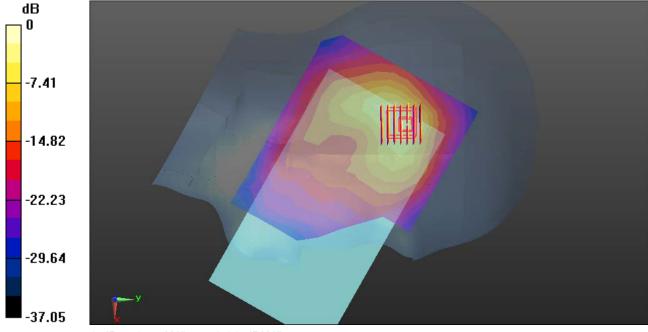
WiFi/Left Head Cheek Middle CH6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

dy=5mm, dz=5mm

Reference Value = 19.88 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.68 W/kg

SAR(1 g) = 0.869 W/kg; SAR(10 g) = 0.326 W/kg Maximum value of SAR (measured) = 1.55 W/kg



0 dB = 1.55 W/kg = 1.90 dBW/kg

Date of Issue: April 8, 2015

FCC ID: 2AEB5M691

Report No .: C150309S01-SE

Test Laboratory: Compliance Certification Services Inc. Date: 3/16/2015

WiFi-Left Head Cheek High CH11

DUT: Tablet PC; Type: M691; Serial: 889107018251917

Communication System: UID 0, IEEE 802.11b (0); Communication System Band: ISM 2.4GHz Band;

Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used: f = 2462 MHz;  $\sigma$  = 1.836 S/m;  $\varepsilon_r$  = 38.888;  $\rho$  = 1000 kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 SN3798; ConvF(7.04, 7.04, 7.04); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

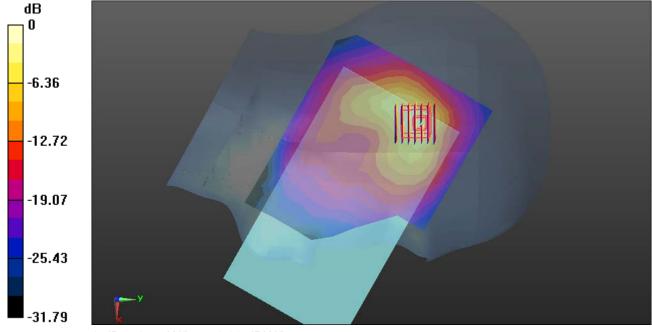
**WiFi/Left Head Cheek High CH11/Area Scan (12x14x1):** Measurement grid: dx=12mm, dy=12mm Maximum value of SAR (measured) = 1.45 W/kg

**WiFi/Left Head Cheek High CH11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.07 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.73 W/kg

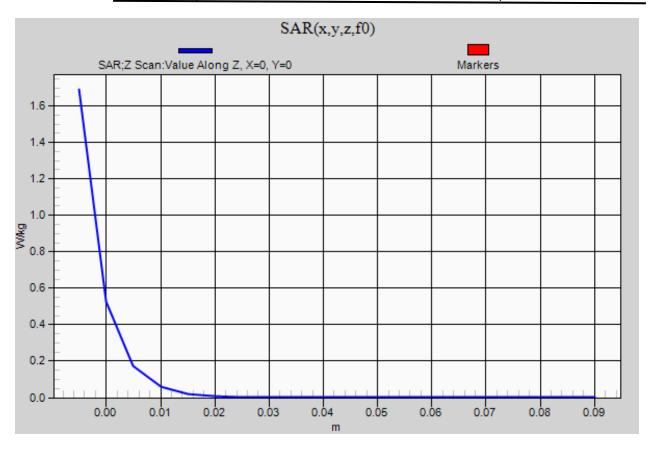
SAR(1 g) = 0.883 W/kg; SAR(10 g) = 0.329 W/kg Maximum value of SAR (measured) = 1.54 W/kg



0 dB = 1.54 W/kg = 1.88 dBW/kg



Report No .: C150309S01-SE



Date of Issue: April 8, 2015

FCC ID: 2AEB5M691

Report No .: C150309S01-SE

Test Laboratory: Compliance Certification Services Inc. Date: 3/16/2015

WiFi-Left Head Tilted Middle CH6

DUT: Tablet PC; Type: M691; Serial: 889107018251917

Communication System: UID 0, IEEE 802.11b (0); Communication System Band: ISM 2.4GHz Band;

Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: f = 2437 MHz;  $\sigma = 1.803$  S/m;  $\varepsilon_r = 38.97$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Left Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 SN3798; ConvF(7.04, 7.04, 7.04); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

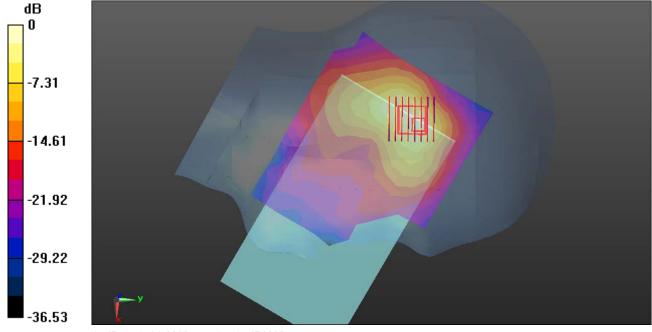
**WiFi/Left Head Tilted Middle CH6/Area Scan (12x14x1):** Measurement grid: dx=12mm, dy=12mm Maximum value of SAR (measured) = 1.11 W/kg

**WiFi/Left Head Tilted Middle CH6/Zoom Scan (8x8x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.06 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.92 W/kg

SAR(1 g) = 0.654 W/kg; SAR(10 g) = 0.276 W/kg Maximum value of SAR (measured) = 1.13 W/kg



0 dB = 1.13 W/kg = 0.53 dBW/kg

Date of Issue: April 8, 2015

FCC ID: 2AEB5M691

Report No .: C150309S01-SE

Test Laboratory: Compliance Certification Services Inc. Date: 4/8/2015

**GPRS 850-Body Front Low CH128** 

DUT: Tablet PC; Type: M691; Serial: 889107018251917

Communication System: UID 0, Generic GSM (0); Communication System Band: GSM850; Frequency:

824.2 MHz; Duty Cycle: 1:2.0797

Medium parameters used (interpolated): f = 824.2 MHz;  $\sigma = 0.96 \text{ S/m}$ ;  $\epsilon_r = 55.743$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 SN3798; ConvF(9.22, 9.22, 9.22); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1102
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

GPRS 850/Body Front Low CH128/Area Scan (10x10x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.025 W/kg

**GPRS 850/Body Front Low CH128/Zoom Scan (5x6x7):** Measurement grid: dx=8mm, dy=8mm, dz=5mm

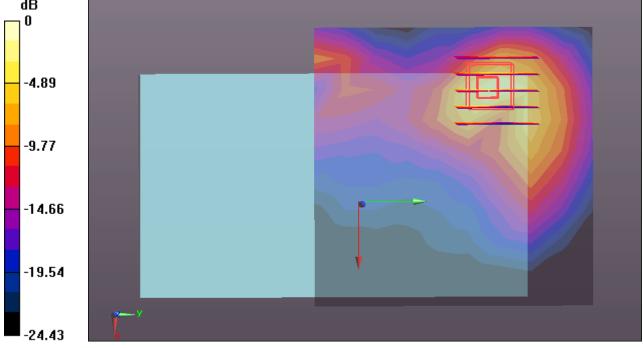
Reference Value = 1.473 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.353 W/kg

SAR(1 g) = 0.035 W/kg; SAR(10 g) = 0.012 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.045 W/kg



0 dB = 0.045 W/kg = -13.47 dBW/kg

Date of Issue: April 8, 2015

FCC ID: 2AEB5M691

Report No .: C150309S01-SE

Date: 3/14/2015

Test Laboratory: Compliance Certification Services Inc.

**GPRS 850-Body Rear Low CH128** 

DUT: Tablet PC; Type: M691; Serial: 889107018251917

Communication System: UID 0, Generic GSM; Communication System Band: GSM850; Frequency:

824.2 MHz; Duty Cycle: 1:2.0797

Medium parameters used (interpolated): f = 824.2 MHz;  $\sigma = 0.96 \text{ S/m}$ ;  $\epsilon_r = 55.743$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 SN3798; ConvF(9.22, 9.22, 9.22); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

GPRS 850/Body Rear Low CH128/Area Scan (10x10x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0772 W/kg

**GPRS 850/Body Rear Low CH128/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

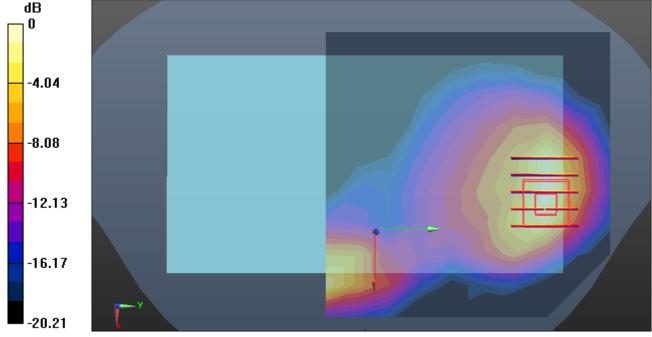
Reference Value = 1.023 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.114 W/kg

SAR(1 g) = 0.048 W/kg; SAR(10 g) = 0.023 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

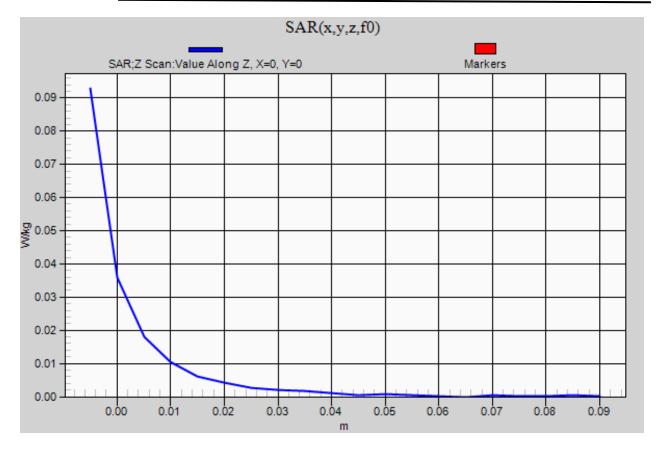
Maximum value of SAR (measured) = 0.0838 W/kg



0 dB = 0.0838 W/kg = -10.77 dBW/kg



Report No .: C150309S01-SE



Date of Issue: April 8, 2015

FCC ID: 2AEB5M691

Report No .: C150309S01-SE

Test Laboratory: Compliance Certification Services Inc. Date: 3/14/2015

GPRS 850-Body Edge 1 Low CH128

DUT: Tablet PC; Type: M691; Serial: 889107018251917

Communication System: UID 0, Generic GSM (0); Communication System Band: GSM850; Frequency:

824.2 MHz; Duty Cycle: 1:2.0797

Medium parameters used (interpolated): f = 824.2 MHz;  $\sigma = 0.96 \text{ S/m}$ ;  $\epsilon_r = 55.743$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 SN3798; ConvF(9.22, 9.22, 9.22); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

GPRS 850/Body Edge 1 Low CH128/Area Scan (9x7x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.00514 W/kg

#### GPRS 850/Body Edge 1 Low CH128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm,

dy=8mm, dz=5mm

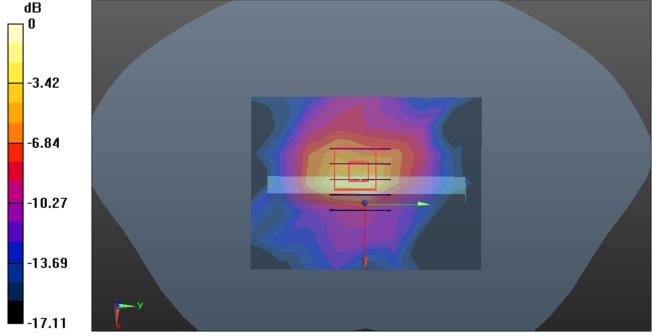
Reference Value = 3.427 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.0104 W/kg

SAR(1 g) = 0.0033 W/kg; SAR(10 g) = 0.000837 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0080 W/kg



0 dB = 0.0080 W/kg = -17.45 dBW/kg

Date of Issue: April 8, 2015

FCC ID: 2AEB5M691

Report No .: C150309S01-SE

Date: 3/14/2015

Test Laboratory: Compliance Certification Services Inc.

GPRS 850-Body Edge 2 Low CH128

DUT: Tablet PC; Type: M691; Serial: 889107018251917

Communication System: UID 0, Generic GSM (0); Communication System Band: GSM850; Frequency:

824.2 MHz; Duty Cycle: 1:2.0797

Medium parameters used (interpolated): f = 824.2 MHz;  $\sigma = 0.96 \text{ S/m}$ ;  $\epsilon_r = 55.743$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 SN3798; ConvF(9.22, 9.22, 9.22); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

GPRS 850/Body Edge 2 Low CH128/Area Scan (13x7x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0110 W/kg

GPRS 850/Body Edge 2 Low CH128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm,

dy=8mm, dz=5mm

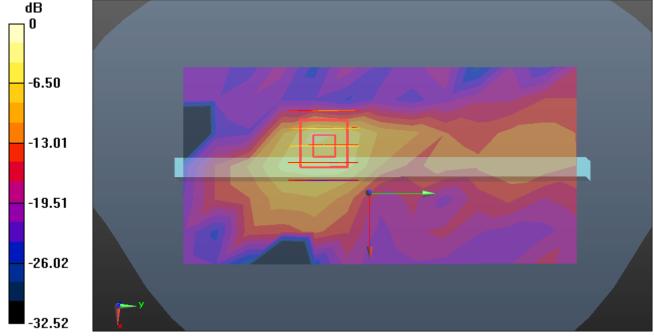
Reference Value = 1.691 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.0380 W/kg

SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.00604 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0254 W/kg



0 dB = 0.0254 W/kg = -15.95 dBW/kg

Date of Issue: April 8, 2015

FCC ID: 2AEB5M691

Report No .: C150309S01-SE

Date: 3/14/2015

Test Laboratory: Compliance Certification Services Inc.

GPRS 850-Body Edge 3 Low CH128

DUT: Tablet PC; Type: M691; Serial: 889107018251917

Communication System: UID 0, Generic GSM (0); Communication System Band: GSM850; Frequency:

824.2 MHz; Duty Cycle: 1:2.0797

Medium parameters used (interpolated): f = 824.2 MHz;  $\sigma = 0.96 \text{ S/m}$ ;  $\epsilon_r = 55.743$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 SN3798; ConvF(9.22, 9.22, 9.22); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

GPRS 850/Body Edge 3 Low CH128/Area Scan (9x7x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0114 W/kg

#### GPRS 850/Body Edge 3 Low CH128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm,

dy=8mm, dz=5mm

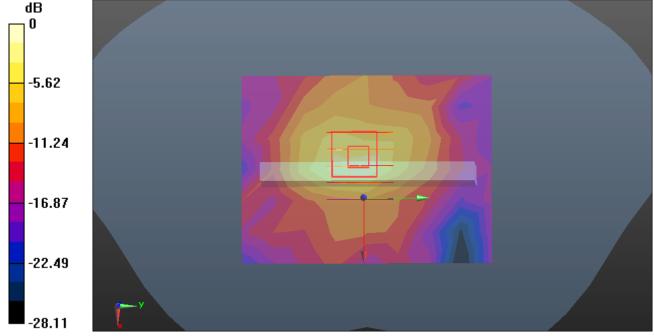
Reference Value = 3.427 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.0340 W/kg

SAR(1 g) = 0.013 W/kg; SAR(10 g) = 0.00537 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0180 W/kg



0 dB = 0.0180 W/kg = -17.45 dBW/kg

Date of Issue: April 8, 2015

FCC ID: 2AEB5M691

Report No .: C150309S01-SE

Date: 3/14/2015

Test Laboratory: Compliance Certification Services Inc.

GPRS 850-Body Edge 4 Low CH128

DUT: Tablet PC; Type: M691; Serial: 889107018251917

Communication System: UID 0, Generic GSM (0); Communication System Band: GSM850; Frequency:

824.2 MHz; Duty Cycle: 1:2.0797

Medium parameters used (interpolated): f = 824.2 MHz;  $\sigma = 0.96 \text{ S/m}$ ;  $\epsilon_r = 55.743$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 SN3798; ConvF(9.22, 9.22, 9.22); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

GPRS 850/Body Edge 4 Low CH128/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.00842 W/kg

#### GPRS 850/Body Edge 4 Low CH128/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm,

dy=8mm, dz=5mm

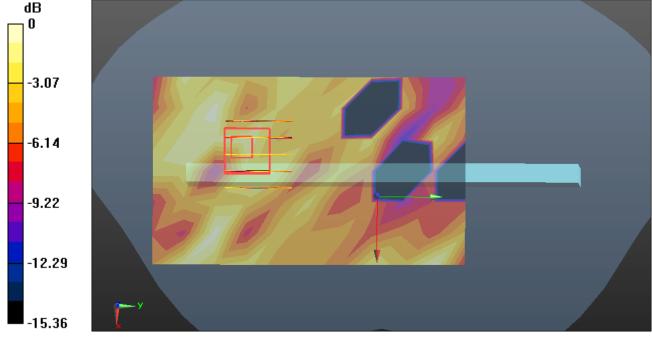
Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.0106 W/kg

SAR(1 g) = 0.00488 W/kg; SAR(10 g) = 0.000263 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.00923 W/kg



0 dB = 0.00923 W/kg = -30.35 dBW/kg

Date of Issue: April 8, 2015

FCC ID: 2AEB5M691

Report No .: C150309S01-SE

Test Laboratory: Compliance Certification Services Inc. Date: 4/8/2015

**GPRS 1900-Body Front High CH810** 

DUT: Tablet PC; Type: M691; Serial: 889107018251917

Communication System: UID 0, Generic GSM (0); Communication System Band: PCS1900; Frequency:

1909.8 MHz; Duty Cycle: 1:2.0797

Medium parameters used: f = 1910 MHz;  $\sigma$  = 1.598 S/m;  $\varepsilon_r$  = 52.976;  $\rho$  = 1000 kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 SN3798; ConvF(7.09, 7.09, 7.09); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1102
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

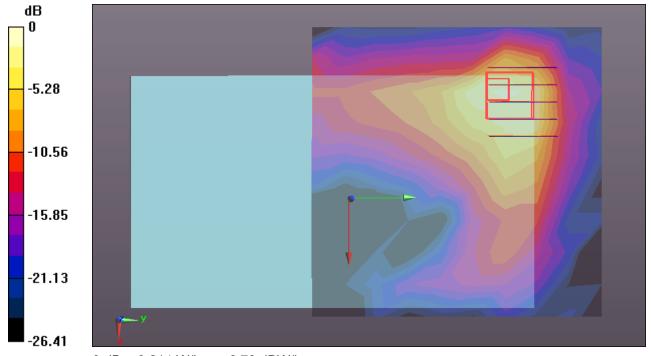
**GPRS 1900/Body Front High CH810/Area Scan (10x10x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.160 W/kg

**GPRS 1900/Body Front High CH810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.7030 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.321 W/kg

SAR(1 g) = 0.120 W/kg; SAR(10 g) = 0.054 W/kg Maximum value of SAR (measured) = 0.214 W/kg



0 dB = 0.214 W/kg = -6.70 dBW/kg

Date of Issue: April 8, 2015

FCC ID: 2AEB5M691

Report No .: C150309S01-SE

Test Laboratory: Compliance Certification Services Inc. Date: 3/15/2015

GPRS 1900-Body Rear High CH810

DUT: Tablet PC; Type: M691; Serial: 889107018251917

Communication System: UID 0, Generic GSM (0); Communication System Band: PCS1900; Frequency:

1909.8 MHz; Duty Cycle: 1:2.0797

Medium parameters used: f = 1910 MHz;  $\sigma = 1.598 \text{ S/m}$ ;  $\varepsilon_r = 52.976$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 SN3798; ConvF(7.09, 7.09, 7.09); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**GPRS 1900/Body Rear High CH810/Area Scan (10x10x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.637 W/kg

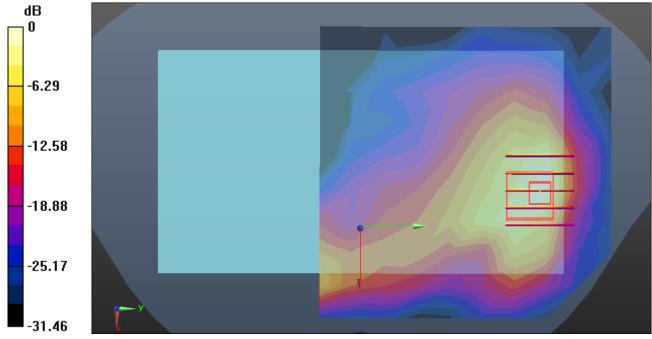
#### GPRS 1900/Body Rear High CH810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm,

dy=8mm, dz=5mm

Reference Value = 1.728 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.977 W/kg

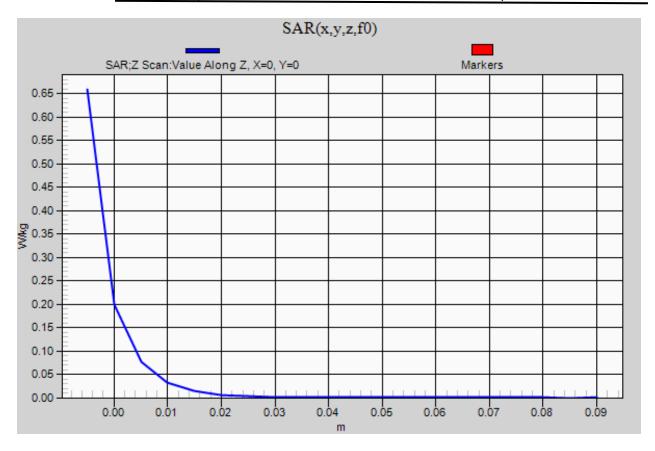
SAR(1 g) = 0.330 W/kg; SAR(10 g) = 0.137 W/kg Maximum value of SAR (measured) = 0.629 W/kg



0 dB = 0.629 W/kg = -2.01 dBW/kg



Report No .: C150309S01-SE



Date of Issue: April 8, 2015

FCC ID: 2AEB5M691

Report No .: C150309S01-SE

Test Laboratory: Compliance Certification Services Inc. Date: 3/15/2015

GPRS 1900-Body Edge 2 High CH810

DUT: Tablet PC; Type: M691; Serial: 889107018251917

Communication System: UID 0, Generic GSM (0); Communication System Band: PCS1900; Frequency:

1909.8 MHz; Duty Cycle: 1:2.0797

Medium parameters used: f = 1910 MHz;  $\sigma = 1.598 \text{ S/m}$ ;  $\varepsilon_r = 52.976$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 SN3798; ConvF(7.09, 7.09, 7.09); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**GPRS 1900/Body Edge 2 High CH810/Area Scan (12x7x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.0293 W/kg

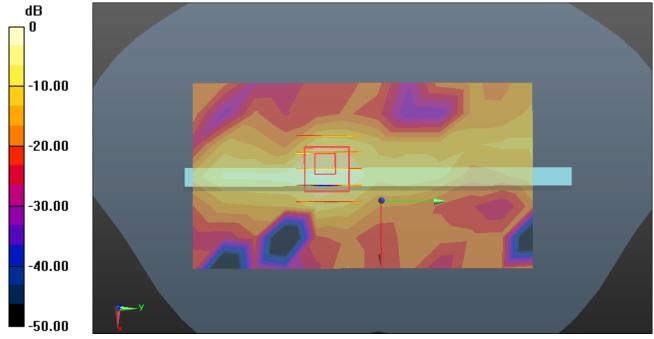
#### GPRS 1900/Body Edge 2 High CH810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm,

dy=8mm, dz=5mm

Reference Value = 2.230 V/m; Power Drift =0.08 dB

Peak SAR (extrapolated) = 0.161 W/kg

SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.011 W/kg Maximum value of SAR (measured) = 0.0524 W/kg



0 dB = 0.0524 W/kg = -12.81 dBW/kg

Date of Issue: April 8, 2015

FCC ID: 2AEB5M691

Report No .: C150309S01-SE

Test Laboratory: Compliance Certification Services Inc. Date: 3/15/2015

GPRS 1900-Body Edge 3 High CH810

DUT: Tablet PC; Type: M691; Serial: 889107018251917

Communication System: UID 0, Generic GSM (0); Communication System Band: PCS1900; Frequency:

1909.8 MHz; Duty Cycle: 1:2.0797

Medium parameters used: f = 1910 MHz;  $\sigma$  = 1.598 S/m;  $\varepsilon_r$  = 52.976;  $\rho$  = 1000 kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 SN3798; ConvF(7.09, 7.09, 7.09); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**GPRS 1900/Body Edge 3 High CH810/Area Scan (9x7x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.0394 W/kg

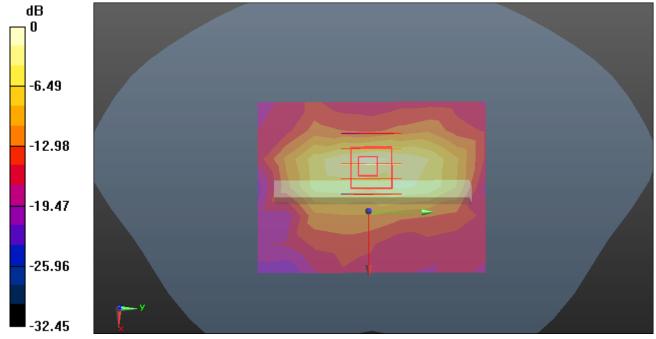
GPRS 1900/Body Edge 3 High CH810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm,

dy=8mm, dz=5mm

Reference Value = 2.628 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.0750 W/kg

SAR(1 g) = 0.029 W/kg; SAR(10 g) = 0.012 W/kg Maximum value of SAR (measured) = 0.0522 W/kg



0 dB = 0.0522 W/kg = -12.82 dBW/kg

Date of Issue: April 8, 2015

FCC ID: 2AEB5M691

Report No .: C150309S01-SE

Test Laboratory: Compliance Certification Services Inc. Date: 3/15/2015

GPRS 1900-Body Edge 4 High CH810

DUT: Tablet PC; Type: M691; Serial: 889107018251917

Communication System: UID 0, Generic GSM (0); Communication System Band: PCS1900; Frequency:

1909.8 MHz; Duty Cycle: 1:2.0797

Medium parameters used: f = 1910 MHz;  $\sigma = 1.598 \text{ S/m}$ ;  $\varepsilon_r = 52.976$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 SN3798; ConvF(7.09, 7.09, 7.09); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**GPRS 1900/Body Edge 4 High CH810/Area Scan (11x7x1):** Measurement grid: dx=15mm, dy=15mm Maximum value of SAR (measured) = 0.00457 W/kg

GPRS 1900/Body Edge 4 High CH810/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm,

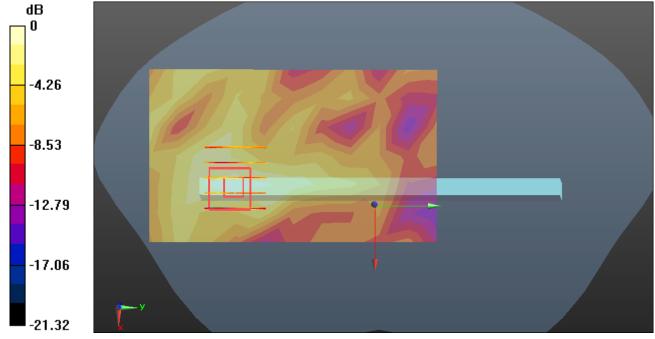
dy=8mm, dz=5mm

Reference Value = 1.050 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.00740 W/kg

SAR(1 g) = 0.00315 W/kg; SAR(10 g) = 0.00144 W/kg

Maximum value of SAR (measured) = 0.00499 W/kg



0 dB = 0.00499 W/kg = -23.02 dBW/kg

Date of Issue: April 8, 2015

FCC ID: 2AEB5M691

Report No .: C150309S01-SE

Date: 4/8/2015

Test Laboratory: Compliance Certification Services Inc.

WCDMA Band II-Body Front Low CH9262

DUT: Tablet PC; Type: M691; Serial: 889107018251917

Communication System: UID 0, FDD WCDMA (0); Communication System Band: Band II; Frequency:

1852.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): f = 1852.4 MHz;  $\sigma = 1.539 \text{ S/m}$ ;  $\epsilon_r = 53.08$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 SN3798; ConvF(7.09, 7.09, 7.09); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1102
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band II/Body Front Low CH9262/Area Scan (10x10x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.140 W/kg

WCDMA Band II/Body Front Low CH9262/Zoom Scan (7x6x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm

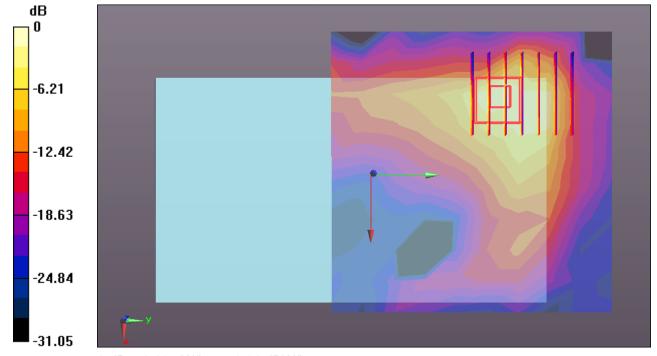
Reference Value = 0.4280 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.342 W/kg

SAR(1 g) = 0.138 W/kg; SAR(10 g) = 0.055 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.234 W/kg



0 dB = 0.234 W/kg = -6.31 dBW/kg

Date of Issue: April 8, 2015

FCC ID: 2AEB5M691

Report No .: C150309S01-SE

Date: 3/15/2015

Test Laboratory: Compliance Certification Services Inc.

WCDMA Band II-Body Rear Low CH9262

DUT: Tablet PC; Type: M691; Serial: 889107018251917

Communication System: UID 0, FDD WCDMA (0); Communication System Band: Band II; Frequency:

1852.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): f = 1852.4 MHz;  $\sigma = 1.539$  S/m;  $\epsilon_r = 53.08$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 SN3798; ConvF(7.09, 7.09, 7.09); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band II/Body Rear Low CH9262/Area Scan (10x10x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.780 W/kg

WCDMA Band II/Body Rear Low CH9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

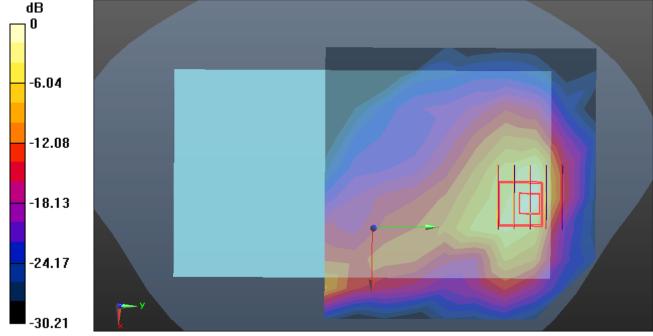
Reference Value = 2.379 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.391 W/kg; SAR(10 g) = 0.163 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

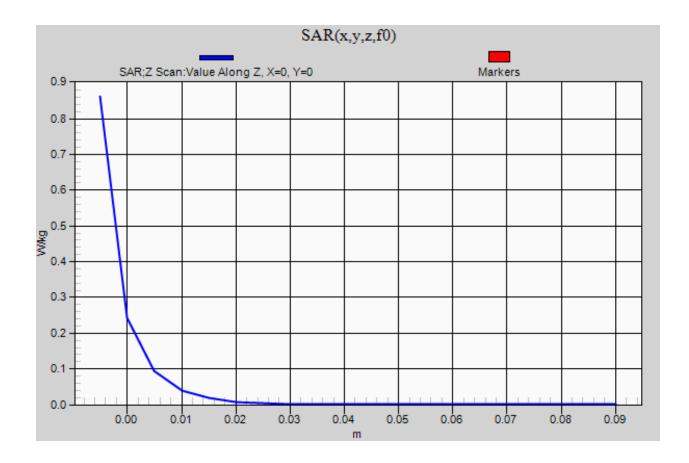
Maximum value of SAR (measured) = 0.775 W/kg



0 dB = 0.775 W/kg = -1.11 dBW/kg



Report No .: C150309S01-SE



Date of Issue: April 8, 2015

FCC ID: 2AEB5M691

Report No .: C150309S01-SE

Date: 3/15/2015

Test Laboratory: Compliance Certification Services Inc.

WCDMA Band II-Body Edge 2 Low CH9262

DUT: Tablet PC; Type: M691; Serial: 889107018251917

Communication System: UID 0, FDD WCDMA (0); Communication System Band: Band II; Frequency:

1852.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): f = 1852.4 MHz;  $\sigma = 1.539 \text{ S/m}$ ;  $\epsilon_r = 53.08$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 SN3798; ConvF(7.09, 7.09, 7.09); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band II/Body Edge 2 Low CH9262/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0220 W/kg

WCDMA Band II/Body Edge 2 Low CH9262/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

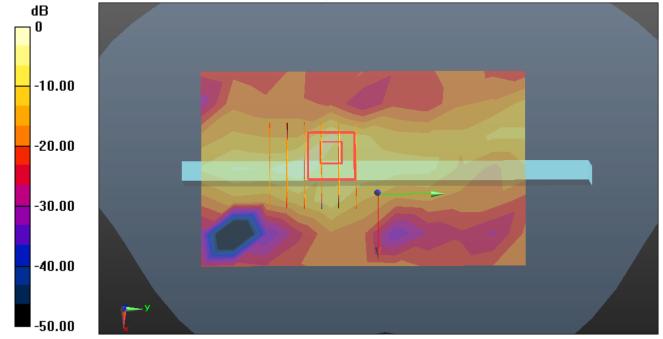
Reference Value = 2.099 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.109 W/kg

SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.00921 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0558 W/kg



0 dB = 0.0558 W/kg = -12.53 dBW/kg

Date of Issue: April 8, 2015

FCC ID: 2AEB5M691

Report No .: C150309S01-SE

Date: 3/15/2015

Test Laboratory: Compliance Certification Services Inc.

WCDMA Band II-Body Edge 3 Low CH9262

DUT: Tablet PC; Type: M691; Serial: 889107018251917

Communication System: UID 0, FDD WCDMA (0); Communication System Band: Band II; Frequency:

1852.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): f = 1852.4 MHz;  $\sigma = 1.539 \text{ S/m}$ ;  $\epsilon_r = 53.08$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 SN3798; ConvF(7.09, 7.09, 7.09); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band II/Body Edge 3 Low CH9262/Area Scan (10x7x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0457 W/kg

WCDMA Band II/Body Edge 3 Low CH9262/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

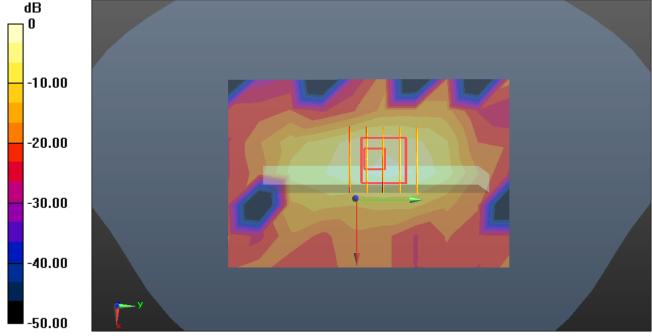
Reference Value = 4.828 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.0990 W/kg

SAR(1 g) = 0.040 W/kg; SAR(10 g) = 0.018 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.0698 W/kg



0 dB = 0.0698 W/kg = -11.56 dBW/kg

Date of Issue: April 8, 2015

FCC ID: 2AEB5M691

Report No .: C150309S01-SE

Date: 3/15/2015

Test Laboratory: Compliance Certification Services Inc.

WCDMA Band II-Body Edge 4 Low CH9262

DUT: Tablet PC; Type: M691; Serial: 889107018251917

Communication System: UID 0, FDD WCDMA (0); Communication System Band: Band II; Frequency:

1852.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): f = 1852.4 MHz;  $\sigma = 1.539 \text{ S/m}$ ;  $\epsilon_r = 53.08$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 SN3798; ConvF(7.09, 7.09, 7.09); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band II/Body Edge 4 Low CH9262/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.00287 W/kg

WCDMA Band II/Body Edge 4 Low CH9262/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

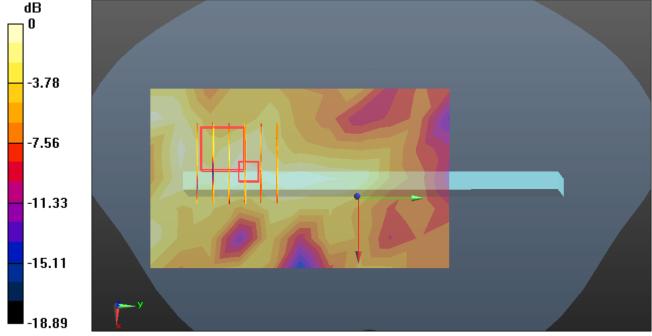
Reference Value = 0.8900 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.00484 W/kg

SAR(1 g) = 0.0019 W/kg; SAR(10 g) = 0.00111 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

Maximum value of SAR (measured) = 0.00297 W/kg



0 dB = 0.00297 W/kg = -25.27 dBW/kg

Date of Issue: April 8, 2015

FCC ID: 2AEB5M691

Report No .: C150309S01-SE

Date: 4/08/2015

Test Laboratory: Compliance Certification Services Inc.

WCDMA Band V-Body Front Low CH4132

DUT: Tablet PC; Type: M691; Serial: 889107018251917

Communication System: UID 0, FDD WCDMA (0); Communication System Band: Band V; Frequency:

826.4 MHz; Duty Cycle: 1:1

Medium parameters used: f = 826.5 MHz;  $\sigma$  = 0.96 S/m;  $\varepsilon_r$  = 55.725;  $\rho$  = 1000 kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 SN3798; ConvF(9.22, 9.22, 9.22); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1102
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WCDMA Band V/Body Front Low CH4132/Area Scan (10x10x1): Measurement grid: dx=15mm, dy=15mm

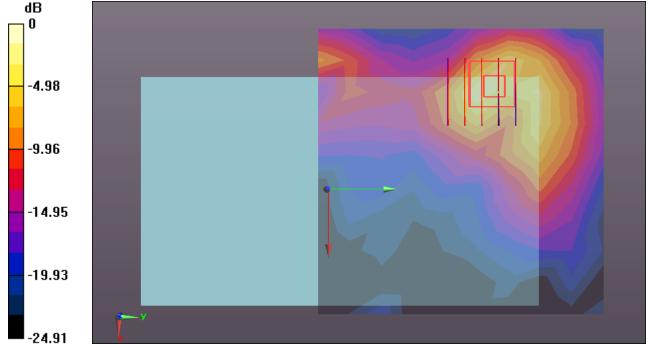
Maximum value of SAR (measured) = 0.005 W/kg

WCDMA Band V/Body Front Low CH4132/Zoom Scan (5x5x7): Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.5650 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.014 W/kg

SAR(1 g) = 0.009 W/kg; SAR(10 g) = 0.003 W/kg Maximum value of SAR (measured) = 0.007 W/kg



0 dB = 0.007 W/kg = -21.55 dBW/kg

Date of Issue: April 8, 2015

FCC ID: 2AEB5M691

Report No .: C150309S01-SE

Date: 3/14/2015

Test Laboratory: Compliance Certification Services Inc.

WCDMA Band V-Body Rear Low CH4132

DUT: Tablet PC; Type: M691; Serial: 889107018251917

Communication System: UID 0, FDD WCDMA (0); Communication System Band: Band V; Frequency:

826.4 MHz; Duty Cycle: 1:1

Medium parameters used: f = 826.5 MHz;  $\sigma$  = 0.96 S/m;  $\varepsilon_r$  = 55.725;  $\rho$  = 1000 kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 SN3798; ConvF(9.22, 9.22, 9.22); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

# WCDMA Band V/Body Rear Low CH4132/Area Scan (10x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0217 W/kg

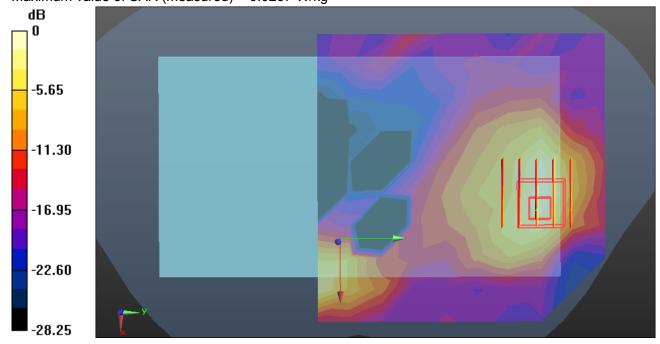
# WCDMA Band V/Body Rear Low CH4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.0320 W/kg

SAR(1 g) = 0.013 W/kg; SAR(10 g) = 0.00649 W/kg

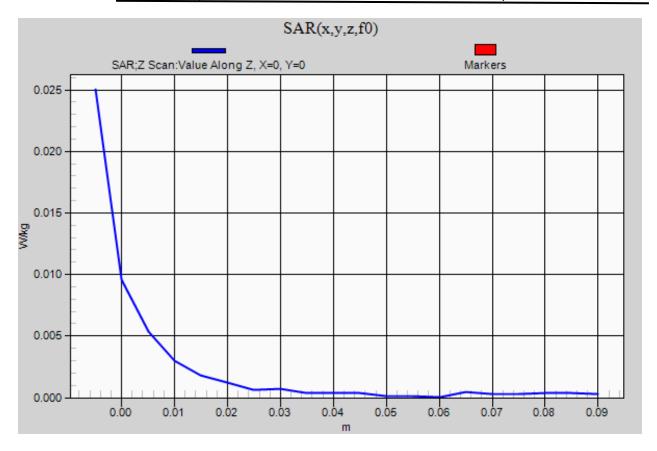
Maximum value of SAR (measured) = 0.0237 W/kg



0 dB = 0.0237 W/kg = -16.25 dBW/kg



Report No .: C150309S01-SE



Date of Issue: April 8, 2015

FCC ID: 2AEB5M691

Report No .: C150309S01-SE

Date: 3/14/2015

Test Laboratory: Compliance Certification Services Inc.

WCDMA Band V-Body Edge 2 Low CH4132

DUT: Tablet PC; Type: M691; Serial: 889107018251917

Communication System: UID 0, FDD WCDMA (0); Communication System Band: Band V; Frequency:

826.4 MHz; Duty Cycle: 1:1

Medium parameters used: f = 826.5 MHz;  $\sigma = 0.96 \text{ S/m}$ ;  $\varepsilon_r = 55.725$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 SN3798; ConvF(9.22, 9.22, 9.22); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

# WCDMA Band V/Body Edge 2 Low CH4132/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm

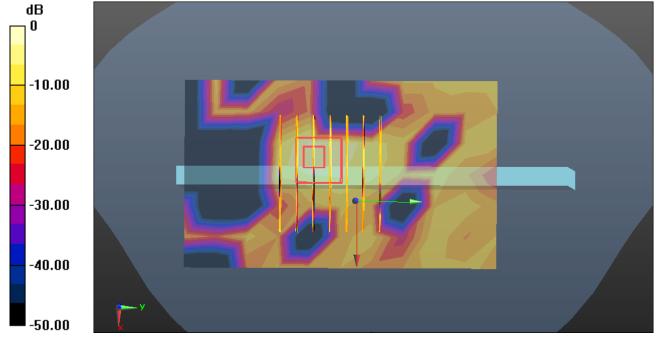
Maximum value of SAR (measured) = 0.00282 W/kg

# WCDMA Band V/Body Edge 2 Low CH4132/Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.4270 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.00856 W/kg

SAR(1 g) = 0.00317 W/kg; SAR(10 g) = 0.000889 W/kg Maximum value of SAR (measured) = 0.00527 W/kg



0 dB = 0.00527 W/kg = -22.78 dBW/kg

Date of Issue: April 8, 2015

FCC ID: 2AEB5M691

Report No .: C150309S01-SE

Date: 3/14/2015

Test Laboratory: Compliance Certification Services Inc.

WCDMA Band V-Body Edge 3 Low CH4132

DUT: Tablet PC; Type: M691; Serial: 889107018251917

Communication System: UID 0, FDD WCDMA (0); Communication System Band: Band V; Frequency:

826.4 MHz; Duty Cycle: 1:1

Medium parameters used: f = 826.5 MHz;  $\sigma = 0.96 \text{ S/m}$ ;  $\varepsilon_r = 55.725$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 SN3798; ConvF(9.22, 9.22, 9.22); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

# WCDMA Band V/Body Edge 3 Low CH4132/Area Scan (10x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.00316 W/kg

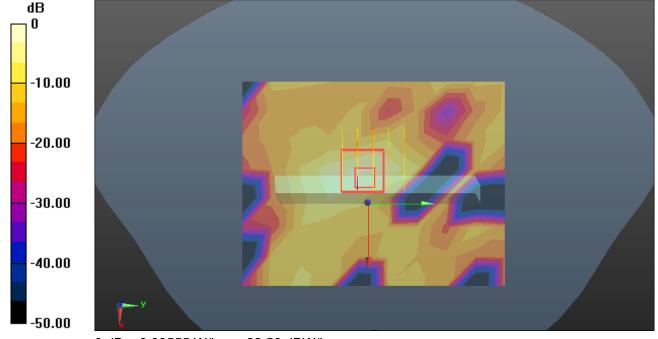
# WCDMA Band V/Body Edge 3 Low CH4132/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.366 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.00741 W/kg

SAR(1 g) = 0.00315 W/kg; SAR(10 g) = 0.00112 W/kg

Maximum value of SAR (measured) = 0.00555 W/kg



0 dB = 0.00555 W/kg = -22.56 dBW/kg

Date of Issue: April 8, 2015

FCC ID: 2AEB5M691

Report No .: C150309S01-SE

Date: 3/14/2015

Test Laboratory: Compliance Certification Services Inc.

WCDMA Band V-Body Edge 4 Low CH4132

DUT: Tablet PC; Type: M691; Serial: 889107018251917

Communication System: UID 0, FDD WCDMA (0); Communication System Band: Band V; Frequency:

826.4 MHz; Duty Cycle: 1:1

Medium parameters used: f = 826.5 MHz;  $\sigma = 0.96 \text{ S/m}$ ;  $\varepsilon_r = 55.725$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 SN3798; ConvF(9.22, 9.22, 9.22); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

# WCDMA Band V/Body Edge 4 Low CH4132/Area Scan (11x7x1): Measurement grid: dx=15mm, dy=15mm

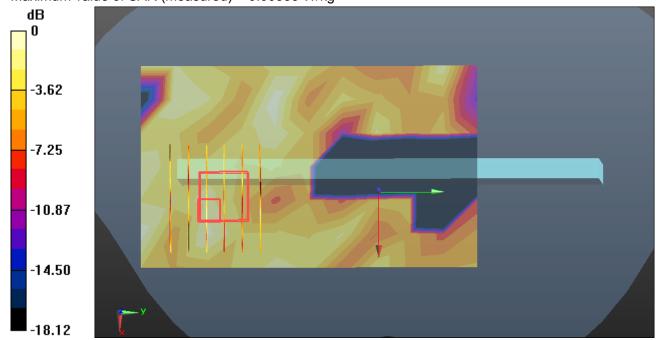
Maximum value of SAR (measured) = 0.00796 W/kg

# WCDMA Band V/Body Edge 4 Low CH4132/Zoom Scan (6x7x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.0109 W/kg

SAR(1 g) = 0.00348 W/kg; SAR(10 g) = 0.00163 W/kg Maximum value of SAR (measured) = 0.00883 W/kg



0 dB = 0.00883 W/kg = -30.54 dBW/kg

Date of Issue: April 8, 2015

FCC ID: 2AEB5M691

Report No .: C150309S01-SE

Test Laboratory: Compliance Certification Services Inc. Date: 4/8/2015

WIFI-Body Front Middle CH6

DUT: Tablet PC; Type: M691; Serial: 889107018251917

Communication System: UID 0, IEEE 802.11b (0); Communication System Band: ISM 2.4GHz Band;

Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: f = 2437 MHz;  $\sigma = 1.912$  S/m;  $\varepsilon_r = 51.966$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 SN3798; ConvF(6.82, 6.82, 6.82); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:1102
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

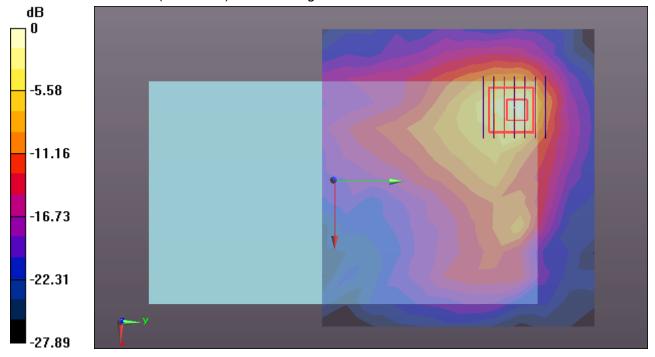
**WIFI/Body Front Middle CH6/Area Scan (12x13x1):** Measurement grid: dx=12mm, dy=12mm Maximum value of SAR (measured) = 0.439 W/kg

WIFI/Body Front Middle CH6/Zoom Scan (7x7x7): Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.440 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.895 W/kg

SAR(1 g) = 0.270 W/kg; SAR(10 g) = 0.099 W/kg Maximum value of SAR (measured) = 0.511 W/kg



0 dB = 0.511 W/kg = -2.92 dBW/kg

Date of Issue: April 8, 2015

FCC ID: 2AEB5M691

Report No .: C150309S01-SE

Test Laboratory: Compliance Certification Services Inc. Date: 3/16/2015

WiFi-Body Rear Low CH1

DUT: Tablet PC; Type: M691; Serial: 889107018251917

Communication System: UID 0, IEEE 802.11b (0); Communication System Band: ISM 2.4GHz Band;

Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: f = 2412 MHz;  $\sigma$  = 1.897 S/m;  $\varepsilon_r$  = 52.164;  $\rho$  = 1000 kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 SN3798; ConvF(6.82, 6.82, 6.82); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

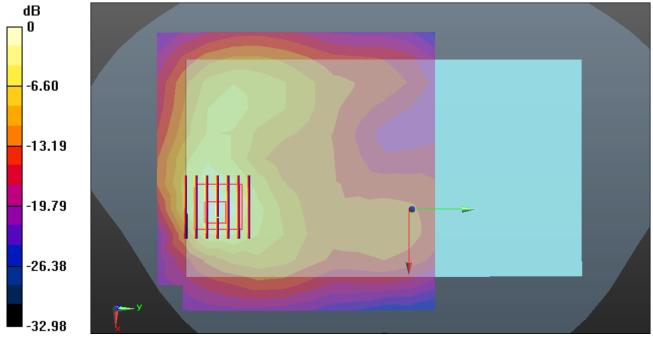
**WiFi/Body Rear Low CH1/Area Scan (12x12x1):** Measurement grid: dx=12mm, dy=12mm Maximum value of SAR (measured) = 1.35 W/kg

**WiFi/Body Rear Low CH1/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.790 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.37 W/kg

SAR(1 g) = 0.838 W/kg; SAR(10 g) = 0.340 W/kg Maximum value of SAR (measured) = 1.40 W/kg



0 dB = 1.40 W/kg = 1.46 dBW/kg

Date of Issue: April 8, 2015

FCC ID: 2AEB5M691

Report No .: C150309S01-SE

Test Laboratory: Compliance Certification Services Inc. Date: 3/16/2015

WiFi-Body Rear Middle CH6

DUT: Tablet PC; Type: M691; Serial: 889107018251917

Communication System: UID 0, IEEE 802.11b (0); Communication System Band: ISM 2.4GHz Band;

Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: f = 2437 MHz;  $\sigma = 1.912$  S/m;  $\varepsilon_r = 51.966$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 SN3798; ConvF(6.82, 6.82, 6.82); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

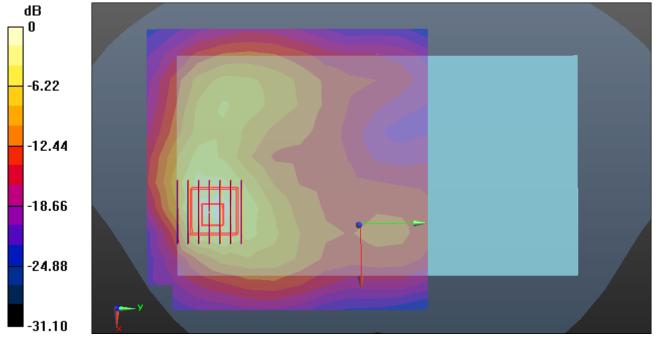
**WiFi/Body Rear Middle CH6/Area Scan (12x12x1):** Measurement grid: dx=12mm, dy=12mm Maximum value of SAR (measured) = 1.36 W/kg

**WiFi/Body Rear Middle CH6/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.005 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.79 W/kg

SAR(1 g) = 0.976 W/kg; SAR(10 g) = 0.390 W/kg Maximum value of SAR (measured) = 1.63 W/kg



0 dB = 1.63 W/kg = 2.12 dBW/kg

Date of Issue: April 8, 2015

FCC ID: 2AEB5M691

Report No .: C150309S01-SE

Test Laboratory: Compliance Certification Services Inc. Date: 3/16/2015

WiFi-Body Rear High CH11

DUT: Tablet PC; Type: M691; Serial: 889107018251917

Communication System: UID 0, IEEE 802.11b (0); Communication System Band: ISM 2.4GHz Band;

Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used: f = 2462 MHz;  $\sigma = 1.981 \text{ S/m}$ ;  $\varepsilon_r = 51.669$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 SN3798; ConvF(6.82, 6.82, 6.82); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

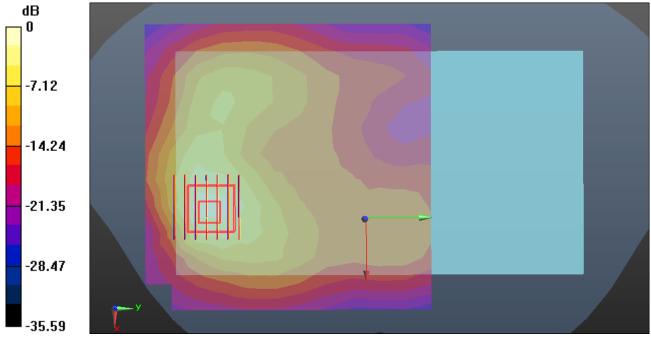
**WiFi/Body Rear High CH11/Area Scan (12x12x1):** Measurement grid: dx=12mm, dy=12mm Maximum value of SAR (measured) = 1.37 W/kg

**WiFi/Body Rear High CH11/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.855 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 2.87 W/kg

SAR(1 g) = 0.992 W/kg; SAR(10 g) = 0.394 W/kg Maximum value of SAR (measured) = 1.72 W/kg



0 dB = 1.72 W/kg = 2.36 dBW/kg

Date of Issue: April 8, 2015

FCC ID: 2AEB5M691

Report No .: C150309S01-SE

Test Laboratory: Compliance Certification Services Inc. Date: 3/16/2015

WiFi-Body Edge 1 Middle CH6

DUT: Tablet PC; Type: M691; Serial: 889107018251917

Communication System: UID 0, IEEE 802.11b (0); Communication System Band: ISM 2.4GHz Band;

Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used: f = 2437 MHz;  $\sigma$  = 1.912 S/m;  $\varepsilon_r$  = 51.966;  $\rho$  = 1000 kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 SN3798; ConvF(6.82, 6.82, 6.82); Calibrated: 7/28/2014;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

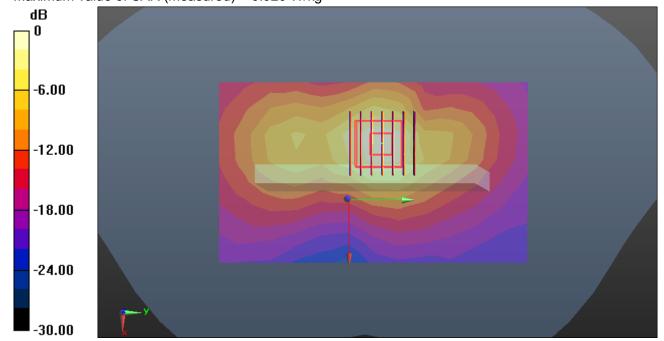
**WiFi/Body Edge 1 Middle CH6/Area Scan (13x8x1):** Measurement grid: dx=12mm, dy=12mm Maximum value of SAR (measured) = 0.859 W/kg

WiFi/Body Edge 1 Middle CH6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.33 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.40 W/kg

SAR(1 g) = 0.556 W/kg; SAR(10 g) = 0.232 W/kg Maximum value of SAR (measured) = 0.920 W/kg



0 dB = 0.920 W/kg = -0.36 dBW/kg

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Report No .: C150309S01-SE

Date: 3/16/2015

Test Laboratory: Compliance Certification Services Inc.

WiFi-Body Rear High CH11 repeat

DUT: Tablet PC; Type: M691; Serial: 889107018251917

Communication System: UID 0, IEEE 802.11b (0); Communication System Band: ISM 2.4GHz Band;

Frequency: 2462 MHz; Duty Cycle: 1:1

Medium parameters used: f = 2462 MHz;  $\sigma = 1.981 \text{ S/m}$ ;  $\epsilon_r = 51.669$ ;  $\rho = 1000 \text{ kg/m}^3$ 

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 SN3798; ConvF(6.82, 6.82, 6.82); Calibrated: 7/28/2014;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/22/2014
- Phantom: Twin SAM Phantom; Type: QD 000 P40 CD; Serial: 1609
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

WiFi/Body Rear High CH11 repeat/Area Scan (12x12x1): Measurement grid: dx=12mm, dy=12mm Maximum value of SAR (measured) = 1.55 W/kg

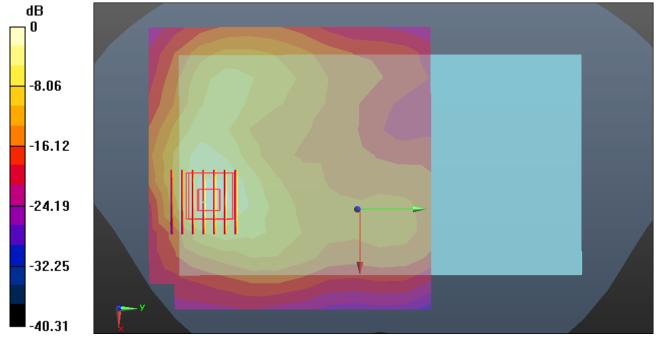
WiFi/Body Rear High CH11 repeat/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm,

dy=5mm, dz=5mm

Reference Value = 5.642 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.99 W/kg

SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.408 W/kgMaximum value of SAR (measured) = 1.80 W/kg



0 dB = 1.80 W/kg = 2.55 dBW/kg



Report No .: C150309S01-SE

