APPENDIX B: SAR DISTRIBUTION PLOTS FOR EACH CONFIGURATION PART 2 of 3 (1800 – 1900 MHz)

Note: Model RHM181LW was tested using the external lab CETECOM ICT Services GmbH. Information regarding the SAR test results and procedures for model: RHM181LW were taken from the CETECOM SAR test report for model RHM181LW, report number 1-0042/15-01-15-A

LTE Band 4

Test report no.: 1-0042/15-01-15-A CETECOM™

Annex B.8: LTE FDD 4

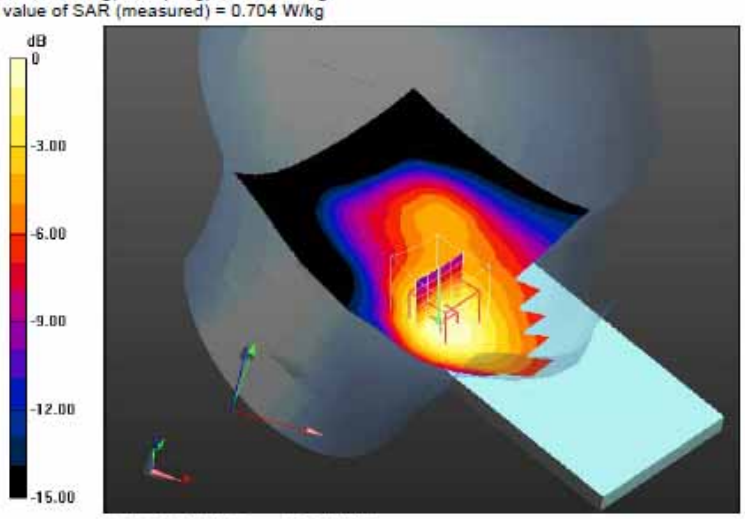
Date/Time: 04.08.2015 22:13:12

IEEE1528-LTE FDD 4 head

DUT: Blackberry; Type: RHM181LW; Serial: 1161466041
Communication System: UID 0, LTE FDD (0); Communication System Band: LTE 4 (1700MHz); Frequency: 1745 MHz; Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1745 MHz; σ = 1.343 S/m; ε_r = 38.899; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5
DASY5 Configuration:
- Probe: ES3DV3 - SN3320; ConvF(5.19, 5.19, 5.19); Calibrated: 25.02.2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE3 Sn413; Calibrated: 15.01.2015
- Phantom: SAM front; Type: QD000P40CC; Serial: TP-1041
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Left-Hand-Side HSL - 20MHz BW - QPSK slider open/Touch Position - High - 1RB - 0RB offset/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.728 W/kg

Left-Hand-Side HSL - 20MHz BW - QPSK slider open/Touch Position - High - 1RB - 0RB offset/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 23.561 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.878 W/kg
SAR(1 g) = 0.612 W/kg; SAR(10 g) = 0.403 W/kg
Maximum value of SAR (measured) = 0.704 W/kg



0 dB = 0.704 W/kg = -1.52 dBW/kg

Additional information:
ambient temperature: 23.8°C; liquid temperature: 22.9°C

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Test report no.: 1-0042/15-01-15-A CETECOM™

Date/Time: 19.08.2015 14:35:16

FCC_EN62209-2 LTE FDD 4 hotspot

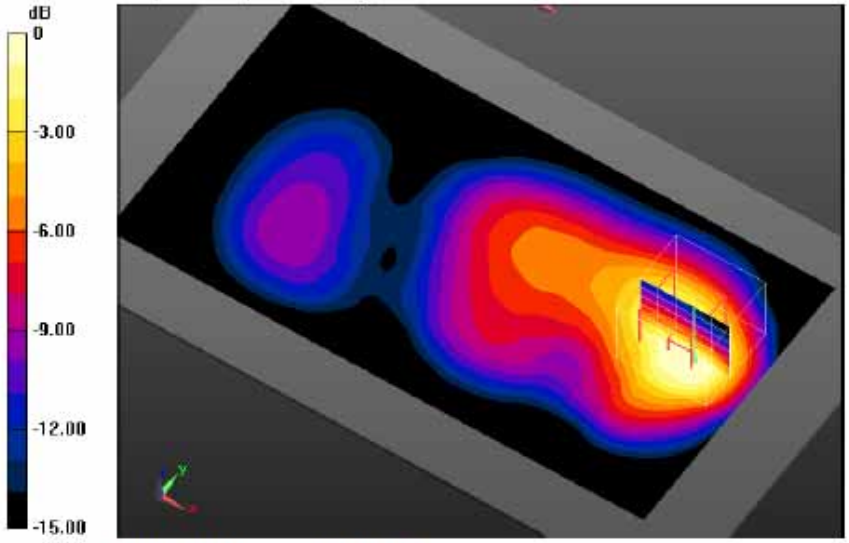
DUT: Blackberry; Type: RHM181LW; Serial: 1161466951
Communication System: UID 0, LTE FDD (0); Communication System Band: LTE 4 (1700MHz); Frequency: 1720 MHz; Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1720 MHz; σ = 1.515 S/m; ε_r = 52.237; ρ = 1000 kg/m^3
Phantom section: Center Section
Measurement Standard: DASY5
DASY5 Configuration:
- Probe: ET3DV6 - SN1554; ConvF(4.81, 4.81, 4.81); Calibrated: 19.05.2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.7, 32.7
- Electronics: DAE3 Sn477; Calibrated: 22.05.2015
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: xxxx
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

MSL1750-10mm slider open - QPSK - 20MHz BW - 1RB/Rear Low - 0RB offset wc/Area Scan (81x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.999 W/kg

MSL1750-10mm slider open - QPSK - 20MHz BW - 1RB/Rear Low - 0RB offset wc/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 26.387 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.27 W/kg
SAR(1 g) = 0.832 W/kg; SAR(10 g) = 0.513 W/kg
Maximum value of SAR (measured) = 0.904 W/kg



0 dB = 0.904 W/kg = -0.44 dBW/kg

Additional information:
position or distance of DUT to SAM: 10 mm
ambient temperature: 23.1°C; liquid temperature: 21.4°C

Test report no.: 1-0042/15-01-15-A CETECOM™

Date/Time: 18.08.2015 16:00:08

FCC_EN62209-2 LTE FDD 4 body worn

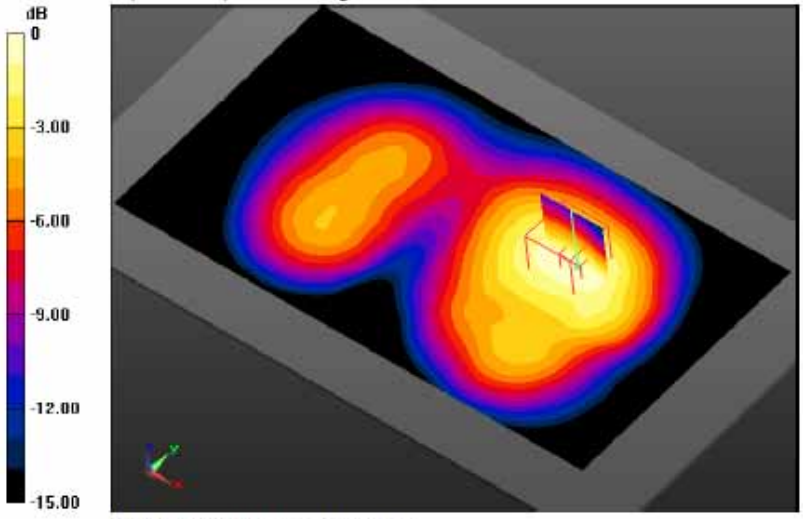
DUT: Blackberry; Type: RHM181LW; Serial: 1161466041
Communication System: UID 0, LTE FDD (0); Communication System Band: LTE 4 (1700MHz); Frequency: 1745 MHz; Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1745 MHz; σ = 1.534 S/m; ε_r = 52.175; ρ = 1000 kg/m^3
Phantom section: Center Section
Measurement Standard: DASY5
DASY5 Configuration:
- Probe: ET3DV6 - SN1554; ConvF(4.81, 4.81, 4.81); Calibrated: 19.05.2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.7, 32.7
- Electronics: DAE3 Sn477; Calibrated: 22.05.2015
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: xxxx
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

MSL1750-15mm - QPSK - 20MHz BW - 1RB/Rear High - 0RB offset/Area Scan (81x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.666 W/kg

MSL1750-15mm - QPSK - 20MHz BW - 1RB/Rear High - 0RB offset/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 21.827 V/m; Power Drift = 0.20 dB
Peak SAR (extrapolated) = 0.803 W/kg
SAR(1 g) = 0.619 W/kg; SAR(10 g) = 0.404 W/kg
Maximum value of SAR (measured) = 0.675 W/kg



0 dB = 0.675 W/kg = -1.71 dBW/kg

Additional information:
position or distance of DUT to SAM: 15 mm
ambient temperature: 21.9°C; liquid temperature: 21.4°C

UMTS Band IV

Test report no.: 1-0042/15-01-15-A CETECOM™

Annex B.5: UMTS FDD IV

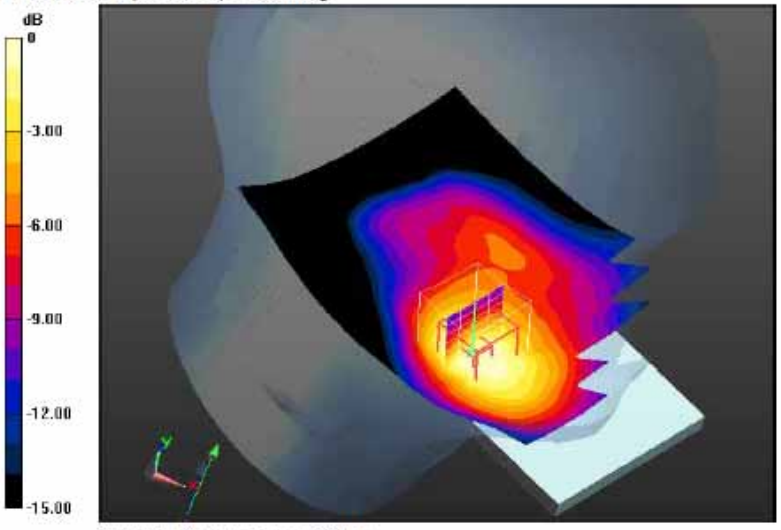
Date/Time: 7/31/2015 11:58:03 AM

IEEE1528-UMTS FDD IV head

DUT: Blackberry; Type: RHM181LW; Serial: 1161466952
Communication System: UID 0, UMTS FDD (0); Communication System Band: UMTS FDD IV; Frequency: 1732.4 MHz; Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 1732.4 MHz; σ = 1.331 S/m; ε_r = 38.946; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5
DASY5 Configuration:
- Probe: ES3DV3 - SN3326; ConvF(5.26, 5.26, 5.26); Calibrated: 8/18/2014;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1387; Calibrated: 8/12/2014
- Phantom: SAM front; Type: QD000P40CC; Serial: TP:1041
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Left-Hand-Side HSL/Touch Position - Mid/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.08 W/kg

Left-Hand-Side HSL/Touch Position - Mid/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 26.52 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 0.896 W/kg; SAR(10 g) = 0.568 W/kg
Maximum value of SAR (measured) = 1.04 W/kg



0 dB = 1.04 W/kg = 0.17 dBW/kg

Additional information:
ambient temperature: 23.4°C; liquid temperature: 22.5°C

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Test report no.: 1-0042/15-01-15-A CETECOM™

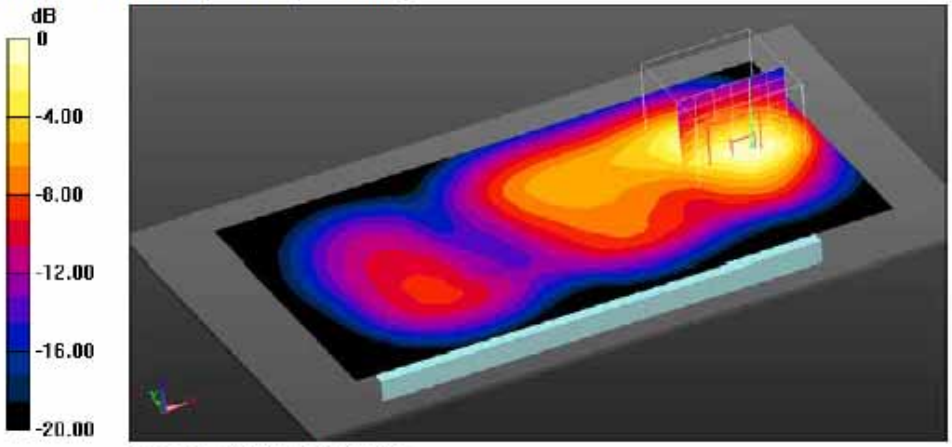
Date/Time: 17.08.2015 15:39:23

FCC_EN62209-2 UMTS FDD IV hotspot_PR

DUT: Blackberry; Type: RHM181LW; Serial: 1161466951
Communication System: UID 0, UMTS FDD (0); Communication System Band: UMTS FDD IV; Frequency: 1712.4 MHz; Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 1712.4 MHz; σ = 1.511 S/m; ε_r = 52.287; ρ = 1000 kg/m^3
Phantom section: Center Section
Measurement Standard: DASY5
DASY5 Configuration:
- Probe: ET3DV6 - SN1554; ConvF(4.81, 4.81, 4.81); Calibrated: 19.05.2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.7, 32.7
- Electronics: DAE3 Sn477; Calibrated: 22.05.2015
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: xxxx
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

MSL1750-10mm slider open/Rear Low/Area Scan (81x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.18 W/kg

MSL1750-10mm slider open/Rear Low/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 29.871 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 1.66 W/kg
SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.663 W/kg
Maximum value of SAR (measured) = 1.17 W/kg



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

Additional information:
position or distance of DUT to SAM: 10 mm
ambient temperature: 22.4°C; liquid temperature: 22.2°C

Test report no.: 1-0042/15-01-15-A CETECOM™

Date/Time: 17.08.2015 15:24:47

FCC_EN62209-2 UMTS FDD IV hotspot_PR

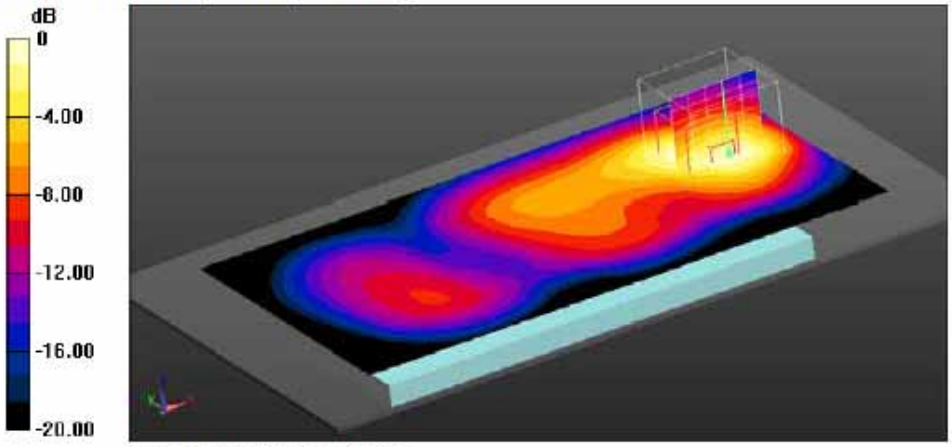
DUT: Blackberry; Type: RHM181LW; Serial: 1161466951
Communication System: UID 0, UMTS FDD (0); Communication System Band: UMTS FDD IV; Frequency: 1732.4 MHz; Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 1732.4 MHz; σ = 1.523 S/m; ε_r = 52.196; ρ = 1000 kg/m^3
Phantom section: Center Section
Measurement Standard: DASY5
DASY5 Configuration:
- Probe: ET3DV6 - SN1554; ConvF(4.81, 4.81, 4.81); Calibrated: 19.05.2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 4mm (Mechanical Surface Detection), z = 2.7, 32.7
- Electronics: DAE3 Sn477; Calibrated: 22.05.2015
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: xxxx
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

MSL1750-10mm slider open/Rear Middle/Area Scan (81x151x1): Interpolated grid:

dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.08 W/kg

MSL1750-10mm slider open/Rear Middle/Zoom Scan (6x6x7)/Cube 0:

Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 28.397 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 1.54 W/kg
SAR(1 g) = 0.992 W/kg; SAR(10 g) = 0.607 W/kg
Maximum value of SAR (measured) = 1.10 W/kg



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

Additional information:
position or distance of DUT to SAM: 10 mm
ambient temperature: 22.4°C; liquid temperature: 22.2°CC

Test report no.: 1-0042/15-01-15-A CETECOM™

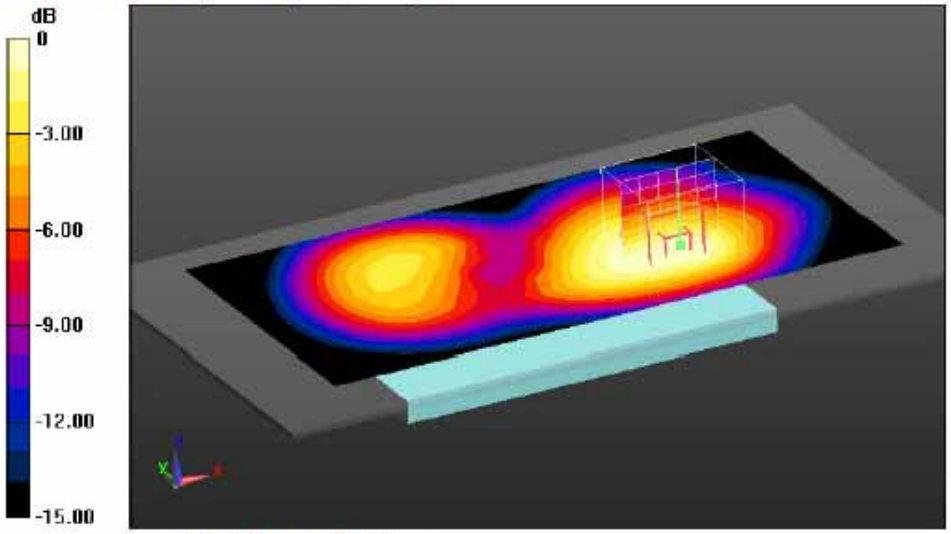
Date/Time: 7/29/2015 12:14:24 PM

FCC_EN62209-2 UMTS FDD IV body worn

DUT: Blackberry; Type: RHM181LW; Serial: 1161466952
Communication System: UID 0, UMTS FDD (0); Communication System Band: UMTS FDD IV; Frequency: 1712.4 MHz; Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 1712.4 MHz; σ = 1.515 S/m; ε_r = 52.093; ρ = 1000 kg/m^3
Phantom section: Center Section
Measurement Standard: DASY5
DASY5 Configuration:
- Probe: ES3DV3 - SN3326; ConvF(4.88, 4.88, 4.88); Calibrated: 8/18/2014;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1387; Calibrated: 8/12/2014
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: xxxx
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7164)

MSL1750-15mm/Front Low/Area Scan (81x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.861 W/kg

MSL1750-15mm/Front Low/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 23.811 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.696 W/kg; SAR(10 g) = 0.464 W/kg
Maximum value of SAR (measured) = 0.797 W/kg



0 dB = 0.797 W/kg = -0.99 dBW/kg

Additional information:
position or distance of DUT to the phantom: 15 mm
ambient temperature: 23.5°C; liquid temperature: 22.6°C

Test report no.: 1-0042/15-01-15-A CETECOM™

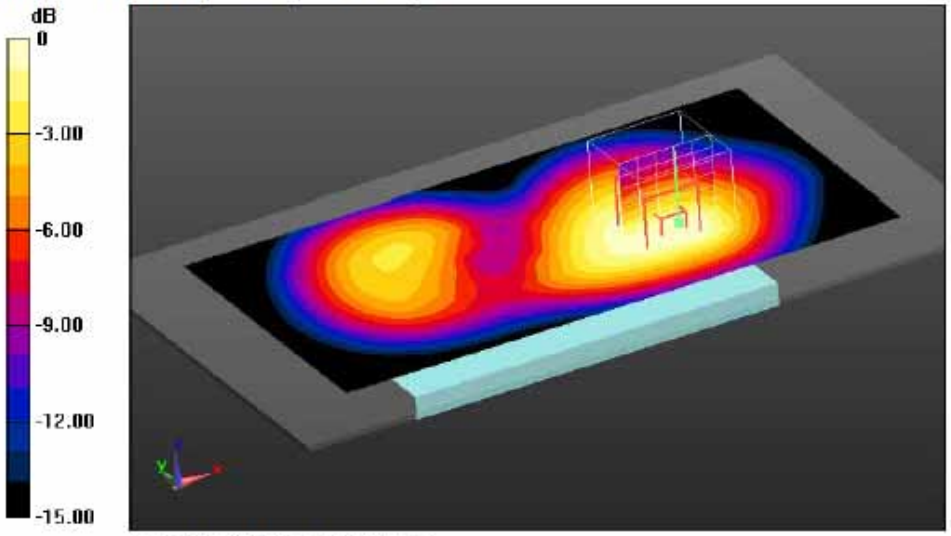
Date/Time: 7/29/2015 11:54:37 AM

FCC_EN62209-2 UMTS FDD IV body worn

DUT: Blackberry; Type: RHM181LW; Serial: 1161466952
Communication System: UID 0, UMTS FDD (0); Communication System Band: UMTS FDD IV; Frequency: 1732.4 MHz; Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 1732.4 MHz; σ = 1.532 S/m; ε_r = 52.043; ρ = 1000 kg/m^3
Phantom section: Center Section
Measurement Standard: DASY5
DASY5 Configuration:
- Probe: ES3DV3 - SN3326; ConvF(4.88, 4.88, 4.88); Calibrated: 8/18/2014;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE4 Sn1387; Calibrated: 8/12/2014
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: xxxx
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7164)

MSL1750-15mm/Front Middle/Area Scan (81x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.840 W/kg

MSL1750-15mm/Front Middle/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 23.631 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.692 W/kg; SAR(10 g) = 0.461 W/kg
Maximum value of SAR (measured) = 0.793 W/kg



0 dB = 0.793 W/kg = -1.01 dBW/kg

Additional information:
position or distance of DUT to the phantom: 15 mm
ambient temperature: 23.5°C; liquid temperature: 22.6°C

LTE Band 2

Annex B.7: LTE FDD 2

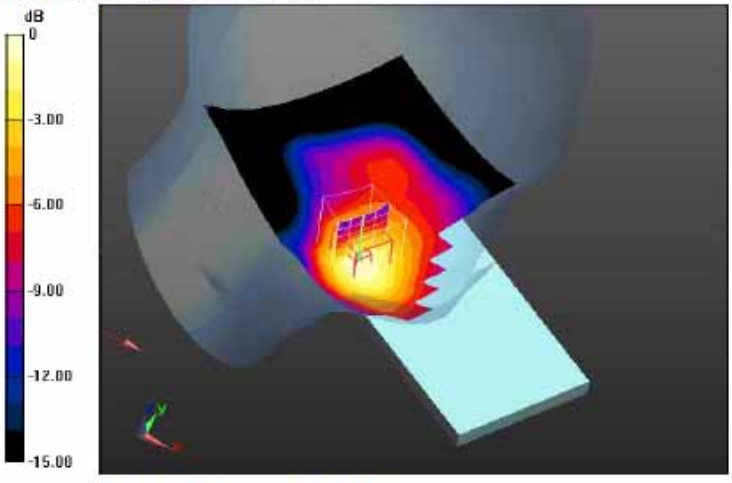
Date/Time: 30.07.2015 09:57:37

IEEE1528-LTE FDD 2 head

DUT: Blackberry; Type: RHM181LW; Serial: 1161466041
Communication System: UID 0, LTE FDD (0); Communication System Band: LTE 2 (1900MHz); Frequency: 1900 MHz; Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1900 MHz; σ = 1.381 S/m; ε_r = 39.929; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5
DASY5 Configuration:
- Probe: ES3DV3 - SN3320; ConvF(5.04, 5.04, 5.04); Calibrated: 25.02.2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE3 Sn413; Calibrated: 15.01.2015
- Phantom: SAM front; Type: QD000P40CC; Serial: TP-1041
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Left-Hand-Side HSL slider open - 20MHz BW - QPSK/Touch Position - High 1 RB - 0RB offset/Area Scan (81x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.756 W/kg

Left-Hand-Side HSL slider open - 20MHz BW - QPSK/Touch Position - High 1 RB - 0RB offset/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 22.993 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.932 W/kg
SAR(1 g) = 0.629 W/kg; SAR(10 g) = 0.399 W/kg
Maximum value of SAR (measured) = 0.731 W/kg



0 dB = 0.731 W/kg = -1.36 dBW/kg

Additional information:
ambient temperature: 23.4°C; liquid temperature: 22.2°C

Test report no.: 1-0042/15-01-15-A CETECOM™

Date/Time: 19.08.2015 13:26:33

FCC_EN62209-2 LTE FDD 2 hotspot

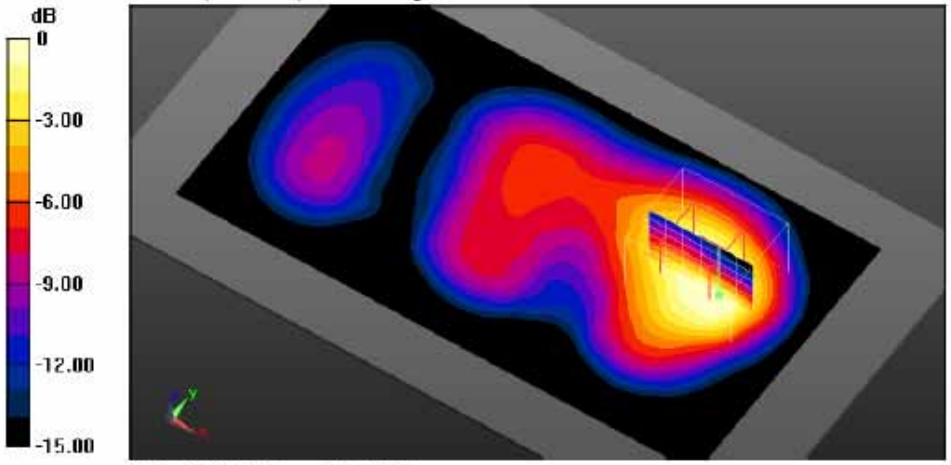
DUT: Blackberry; Type: RHM181LW; Serial: 1161467034
Communication System: UID 0, LTE FDD (0); Communication System Band: LTE 2 (1900MHz); Frequency: 1880 MHz; Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1880 MHz; σ = 1.503 S/m; ε_r = 53.728; ρ = 1000 kg/m^3
Phantom section: Center Section
Measurement Standard: DASY5
DASY5 Configuration:
- Probe: ES3DV3 - SN3320; ConvF(4.54, 4.54, 4.54); Calibrated: 25.02.2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE3 Sn413; Calibrated: 15.01.2015
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1154
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

MSL1900-10mm open - 20MHz BW - QPSK - 1RB - 0RB offset/Rear Middle/Area Scan (81x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.841 W/kg

MSL1900-10mm open - 20MHz BW - QPSK - 1RB - 0RB offset/Rear Middle/Zoom Scan (7x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 23.543 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.662 W/kg; SAR(10 g) = 0.410 W/kg
Maximum value of SAR (measured) = 0.781 W/kg



0 dB = 0.781 W/kg = -1.07 dBW/kg

Additional information:
position or distance of DUT to the phantom: 10 mm
ambient temperature: 23.0°C; liquid temperature: 21.3°C

Test report no.: 1-0042/15-01-15-A CETECOM™

Date/Time: 18.08.2015 10:05:17

FCC_EN62209-2 LTE FDD 2 body worn

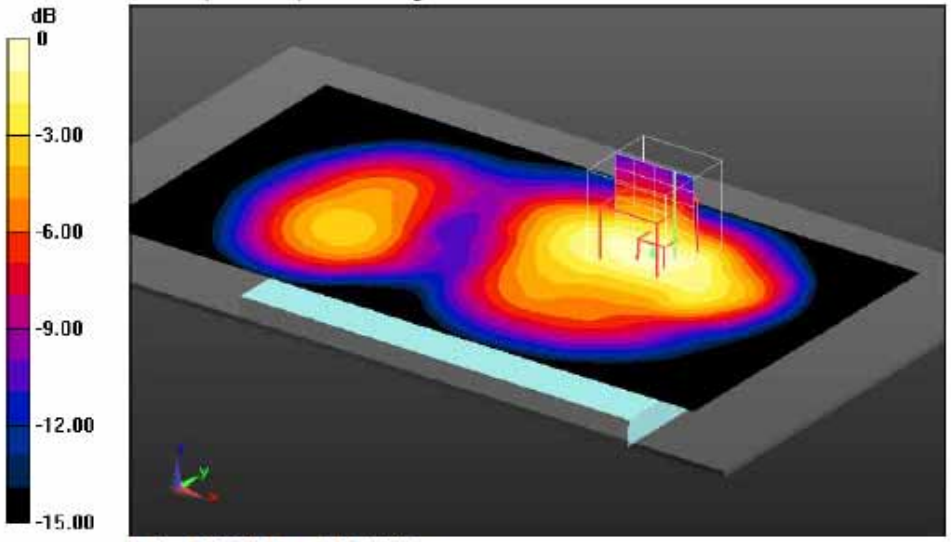
DUT: Blackberry; Type: RHM181LW; Serial: 1161466041
Communication System: UID 0, LTE FDD (0); Communication System Band: LTE 2 (1900MHz); Frequency: 1880 MHz; Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1880 MHz; σ = 1.503 S/m; ε_r = 53.728; ρ = 1000 kg/m^3
Phantom section: Center Section
Measurement Standard: DASY5
DASY5 Configuration:
- Probe: ES3DV3 - SN3320; ConvF(4.54, 4.54, 4.54); Calibrated: 25.02.2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE3 Sn413; Calibrated: 15.01.2015
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1154
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

MSL1900-15mm - QPSK - 20MHz BW - 1RB/Rear Middle - 0RB offset/Area Scan (81x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.641 W/kg

MSL1900-15mm - QPSK - 20MHz BW - 1RB/Rear Middle - 0RB offset/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 20.579 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.878 W/kg
SAR(1 g) = 0.608 W/kg; SAR(10 g) = 0.394 W/kg
Maximum value of SAR (measured) = 0.699 W/kg



0 dB = 0.699 W/kg = -1.56 dBW/kg

Additional information:
position or distance of DUT to the phantom: 15 mm
ambient temperature: 21.3°C; liquid temperature: 21.3°C

GSM 1900

Test report no.: 1-0042/15-01-15-A CETECOM™

Annex B.3: GSM 1900MHz

Date/Time: 29.07.2015 19:13:35

IEEE1528-GSM1900 head

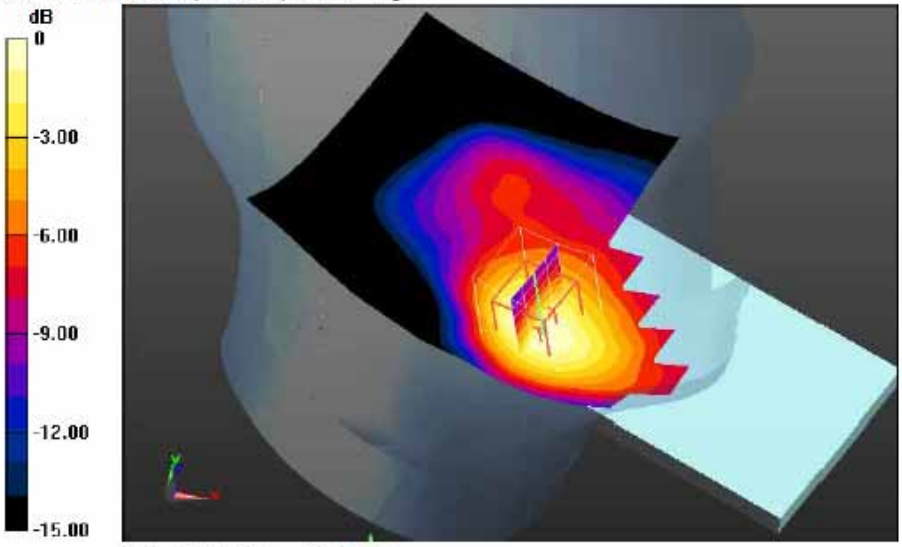
DUT: Blackberry; Type: RHM181LW; Serial: 1161466952
Communication System: UID 0, GSM/GPRS 2TS (0); Communication System Band: GSM 1900; Frequency: 1880 MHz; Communication System PAR: 6.021 dB; PMF: 2.00009
Medium parameters used: f = 1880 MHz; σ = 1.359 S/m; ε_r = 39.968; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5
DASY5 Configuration:
- Probe: ES3DV3 - SN3320; ConvF(5.04, 5.04, 5.04); Calibrated: 25.02.2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE3 Sn413; Calibrated: 15.01.2015
- Phantom: SAM front; Type: QD000P40CC; Serial: TP-1041
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Left-Hand-Side HSL slider open/Touch Position - Mid/Area Scan (81x131x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.624 W/kg

Left-Hand-Side HSL slider open/Touch Position - Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 21.773 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.775 W/kg
SAR(1 g) = 0.520 W/kg; SAR(10 g) = 0.326 W/kg
Maximum value of SAR (measured) = 0.603 W/kg



0 dB = 0.603 W/kg = -2.20 dBW/kg

Additional information:
ambient temperature: 23.4°C; liquid temperature: 22.2°C

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Test report no.: 1-0042/15-01-15-A CETECOM™

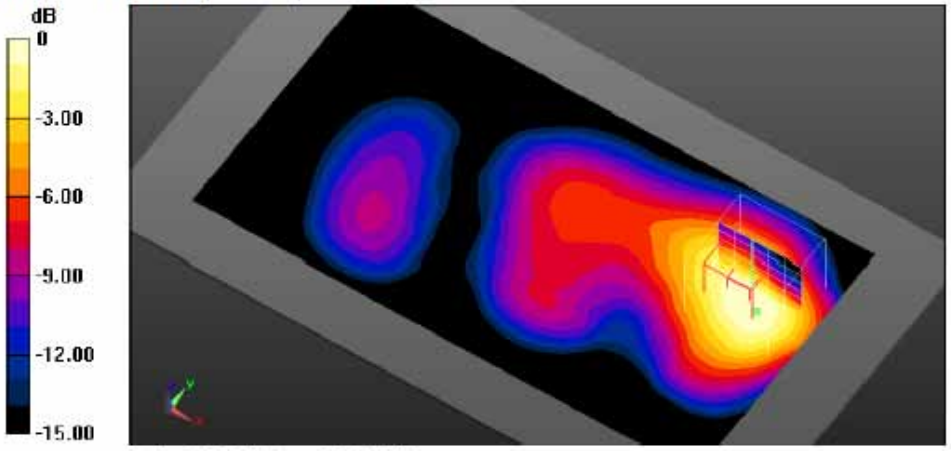
Date/Time: 29.08.2015 10:33:52

FCC_EN62209-2 GSM1900 hotspot

DUT: Blackberry; Type: RHM181LW; Serial: 1161466951
Communication System: UID 0, GSM/GPRS 2TS (0); Communication System Band: GSM 1900; Frequency: 1850.2 MHz; Communication System PAR: 6.021 dB; PMF: 2.00009
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.45 S/m; ε_r = 52.736; ρ = 1000 kg/m^3
Phantom section: Center Section
Measurement Standard: DASY5
DASY5 Configuration:
- Probe: EX3DV4 - SN3944; ConvF(7.91, 7.91, 7.91); Calibrated: 14.08.2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE3 Sn413; Calibrated: 15.01.2015
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1154
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

MSL1900-10mm slider open/Rear Low/Area Scan (81x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.879 W/kg

MSL1900-10mm slider open/Rear Low/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 23.716 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.720 W/kg; SAR(10 g) = 0.441 W/kg
Maximum value of SAR (measured) = 0.853 W/kg



0 dB = 0.853 W/kg = -0.69 dBW/kg

Additional information:
position or distance of DUT to the phantom: 10 mm
ambient temperature: 23.8°C; liquid temperature: 22.4°C

Test report no.: 1-0042/15-01-15-A CETECOM™

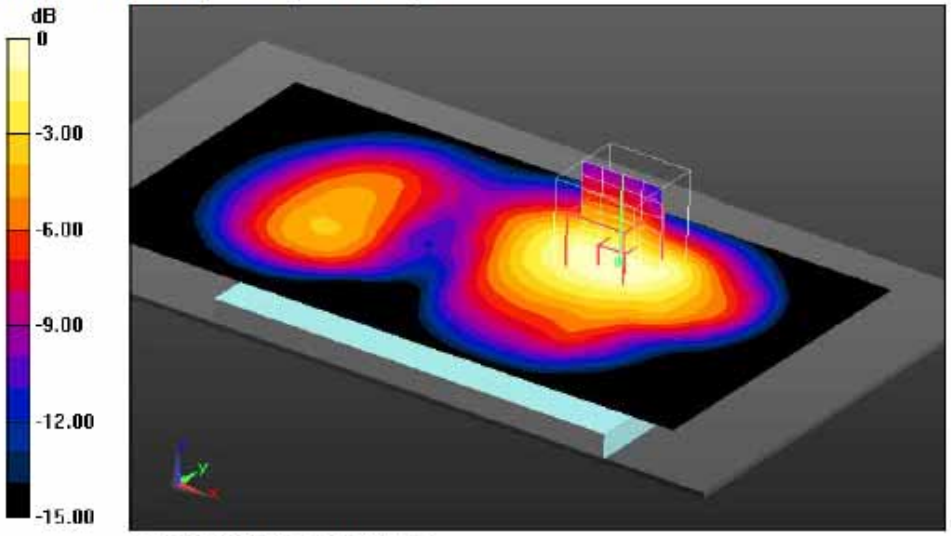
Date/Time: 17.08.2015 10:35:16

FCC_EN62209-2 GSM1900 body worn

DUT: Blackberry; Type: RHM181LW; Serial: 1161466041
Communication System: UID 0, GSM/GPRS 2TS (0); Communication System Band: GSM 1900; Frequency: 1850.2 MHz; Communication System PAR: 6.021 dB; PMF: 2.00009
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.474 S/m; ε_r = 53.815; ρ = 1000 kg/m^3
Phantom section: Center Section
Measurement Standard: DASY5
DASY5 Configuration:
- Probe: ES3DV3 - SN3320; ConvF(4.54, 4.54, 4.54); Calibrated: 25.02.2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE3 Sn413; Calibrated: 15.01.2015
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1154
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

MSL1900-15mm/Rear Low/Area Scan (81x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.617 W/kg

MSL1900-15mm/Rear Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 20.173 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.762 W/kg
SAR(1 g) = 0.537 W/kg; SAR(10 g) = 0.354 W/kg
Maximum value of SAR (measured) = 0.620 W/kg



0 dB = 0.620 W/kg = -2.08 dBW/kg

Additional information:
position or distance of DUT to the phantom: 15 mm
ambient temperature: 21.3°C; liquid temperature: 21.3°C

UMTS Band II

Test report no.: 1-0042/15-01-15-A CETECOM™

Annex B.4: UMTS FDD II

Date/Time: 29.07.2015 11:40:26

IEEE1528-UMTS FDD II head

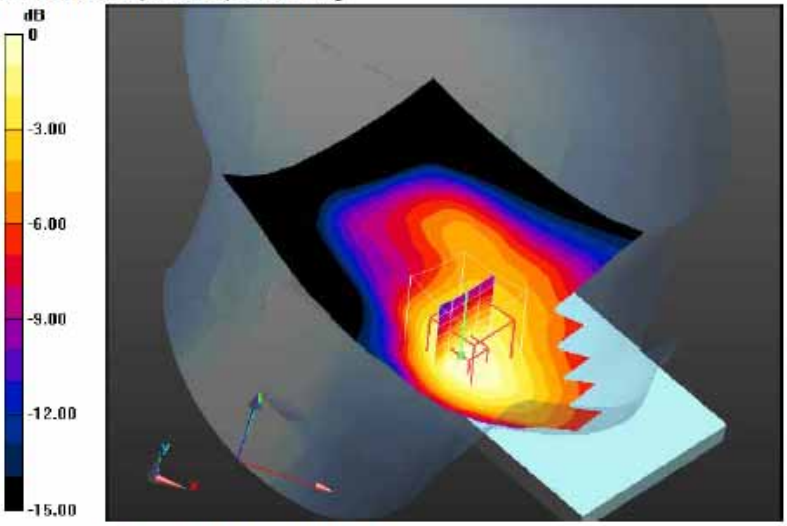
DUT: Blackberry; Type: RHM181LW; Serial: 1161466041
Communication System: UID 0, UMTS FDD (0); Communication System Band: UMTS FDD II; Frequency: 1852.4 MHz; Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.333 S/m; ε_r = 40.066; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5
DASY5 Configuration:
- Probe: ES3DV3 - SN3320; ConvF(5.04, 5.04, 5.04); Calibrated: 25.02.2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE3 Sn413; Calibrated: 15.01.2015
- Phantom: SAM front; Type: QD000P40CC; Serial: TP-1041
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Left-Hand-Side HSL slider open/Touch Position - Low/Area Scan (81x131x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.632 W/kg

Left-Hand-Side HSL slider open/Touch Position - Low/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 21.788 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.754 W/kg
SAR(1 g) = 0.518 W/kg; SAR(10 g) = 0.341 W/kg
Maximum value of SAR (measured) = 0.591 W/kg



0 dB = 0.591 W/kg = -2.28 dBW/kg

Additional information:
ambient temperature: 23.4°C; liquid temperature: 22.2°C

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Test report no.: 1-0042/15-01-15-A CETECOM™

Date/Time: 29.07.2015 11:25:39

IEEE1528-UMTS FDD II head

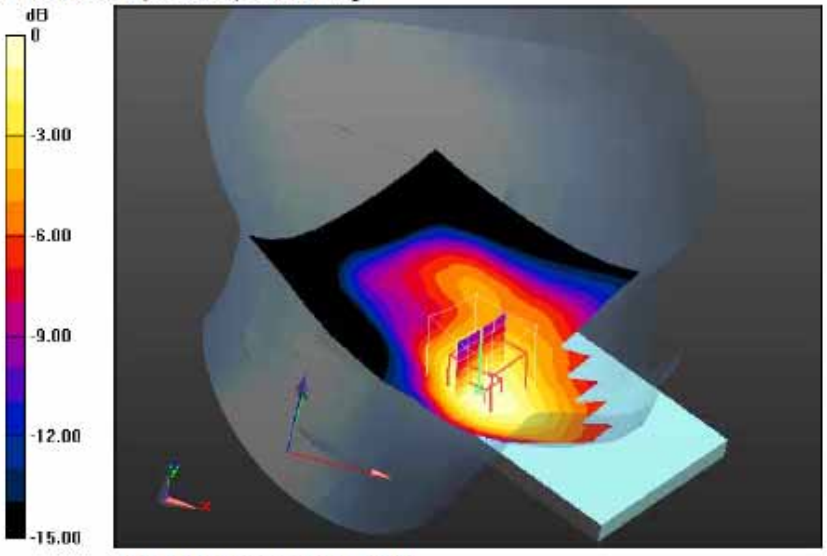
DUT: Blackberry; Type: RHM181LW; Serial: 1161466041
Communication System: UID 0, UMTS FDD (0); Communication System Band: UMTS FDD II; Frequency: 1880 MHz; Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1880 MHz; σ = 1.359 S/m; ε_r = 39.968; ρ = 1000 kg/m^3
Phantom section: Left Section
Measurement Standard: DASY5
DASY5 Configuration:
- Probe: ES3DV3 - SN3320; ConvF(5.04, 5.04, 5.04); Calibrated: 25.02.2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE3 Sn413; Calibrated: 15.01.2015
- Phantom: SAM front; Type: QD000P40CC; Serial: TP-1041
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Left-Hand-Side HSL slider open/Touch Position - Mid/Area Scan (81x131x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.691 W/kg

Left-Hand-Side HSL slider open/Touch Position - Mid/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm

Reference Value = 22.337 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.811 W/kg
SAR(1 g) = 0.557 W/kg; SAR(10 g) = 0.365 W/kg
Maximum value of SAR (measured) = 0.638 W/kg



0 dB = 0.638 W/kg = -1.95 dBW/kg

Additional information:
ambient temperature: 23.4°C; liquid temperature: 22.2°C

Test report no.: 1-0042/15-01-15-A CETECOM™

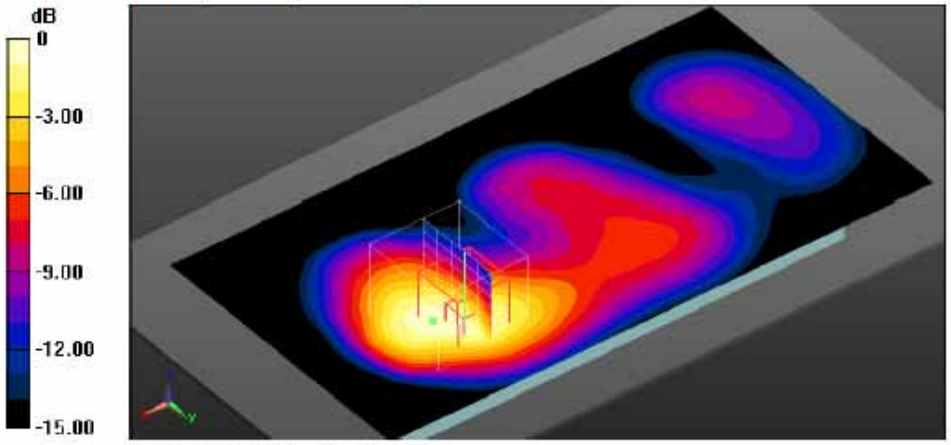
Date/Time: 17.08.2015 15:38:06

FCC_EN62209-2 UMTS FDD II hotspot

DUT: Blackberry; Type: RHM181LW; Serial: 1161467034
Communication System: UID 0, UMTS FDD (0); Communication System Band: UMTS FDD II; Frequency: 1880 MHz; Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1880 MHz; σ = 1.503 S/m; ε_r = 53.728; ρ = 1000 kg/m^3
Phantom section: Center Section
Measurement Standard: DASY5
DASY5 Configuration:
- Probe: ES3DV3 - SN3320; ConvF(4.54, 4.54, 4.54); Calibrated: 25.02.2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE3 Sn413; Calibrated: 15.01.2015
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1154
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

MSL1900-10mm open/Rear Middle/Area Scan (81x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.958 W/kg

MSL1900-10mm open/Rear Middle/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 25.434 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.32 W/kg
SAR(1 g) = 0.815 W/kg; SAR(10 g) = 0.501 W/kg
Maximum value of SAR (measured) = 0.974 W/kg



0 dB = 0.974 W/kg = -0.11 dBW/kg

Additional information:
position or distance of DUT to the phantom: 10 mm
ambient temperature: 23.5°C; liquid temperature: 21.3°C

Test report no.: 1-0042/15-01-15-A CETECOM™

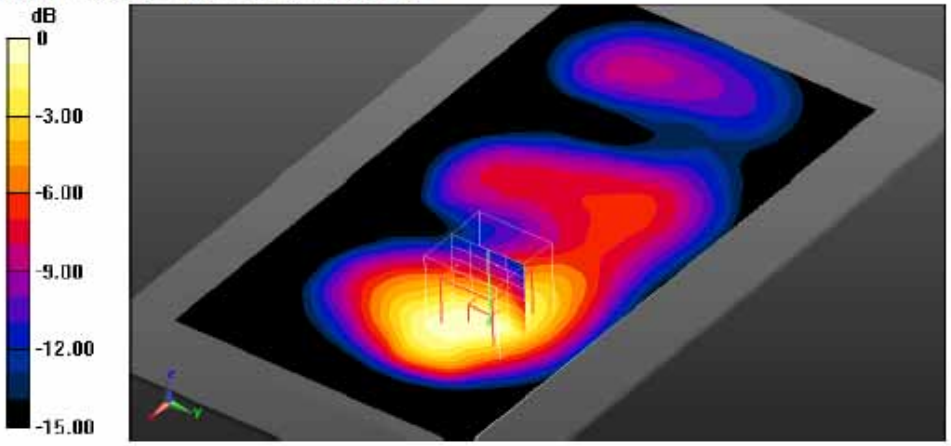
Date/Time: 17.08.2015 16:07:47

FCC_EN62209-2 UMTS FDD II hotspot

DUT: Blackberry; Type: RHM181LW; Serial: 1161467034
Communication System: UID 0, UMTS FDD (0); Communication System Band: UMTS FDD II; Frequency: 1907.6 MHz; Communication System PAR: 0 dB; PMF: 1
Medium parameters used: f = 1908 MHz; σ = 1.529 S/m; ε_r = 53.666; ρ = 1000 kg/m^3
Phantom section: Center Section
Measurement Standard: DASY5
DASY5 Configuration:
- Probe: ES3DV3 - SN3320; ConvF(4.54, 4.54, 4.54); Calibrated: 25.02.2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE3 Sn413; Calibrated: 15.01.2015
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1154
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

MSL1900-10mm open/Rear High/Area Scan (81x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.931 W/kg

MSL1900-10mm open/Rear High/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 24.540 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 1.21 W/kg
SAR(1 g) = 0.769 W/kg; SAR(10 g) = 0.469 W/kg
Maximum value of SAR (measured) = 0.924 W/kg



0 dB = 0.924 W/kg = -0.34 dBW/kg

Additional information:
position or distance of DUT to the phantom: 10 mm
ambient temperature: 23.5°C; liquid temperature: 21.3°C

Test report no.: 1-0042/15-01-15-A CETECOM™

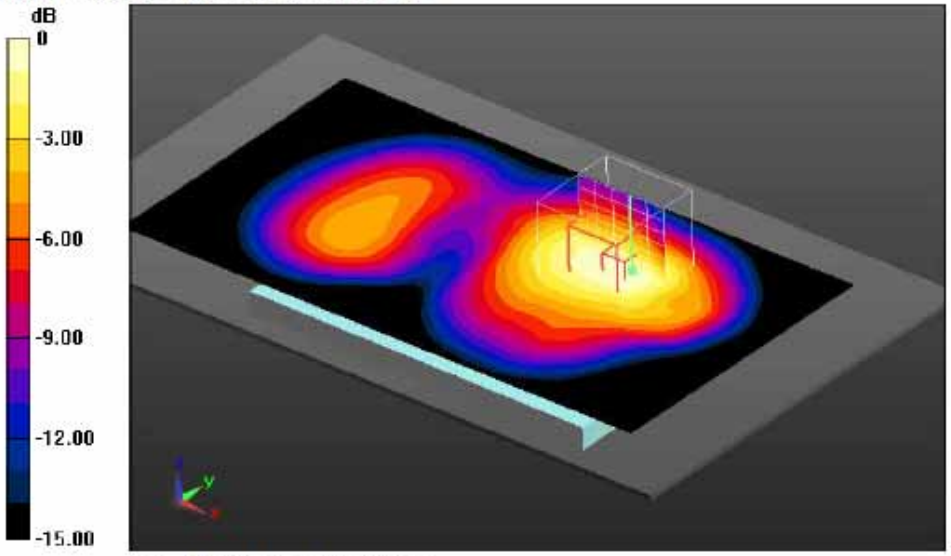
Date/Time: 17.08.2015 11:47:52

FCC_EN62209-2 UMTS FDD II body worn

DUT: Blackberry; Type: RHM181LW; Serial: 1161466041
Communication System: UID 0, UMTS FDD (0); Communication System Band: UMTS FDD II; Frequency: 1852.4 MHz; Communication System PAR: 0 dB; PMF: 1
Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.476 S/m; ε_r = 53.795; ρ = 1000 kg/m^3
Phantom section: Center Section
Measurement Standard: DASY5
DASY5 Configuration:
- Probe: ES3DV3 - SN3320; ConvF(4.54, 4.54, 4.54); Calibrated: 25.02.2015;
- Sensor-Surface: 3mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 3mm (Mechanical Surface Detection), z = 2.0, 32.0
- Electronics: DAE3 Sn413; Calibrated: 15.01.2015
- Phantom: Triple Flat Phantom 5.1C; Type: QD 000 P51 CA; Serial: 1154
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

MSL1900-15mm/Rear Low/Area Scan (81x151x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.829 W/kg

MSL1900-15mm/Rear Low/Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=7.5mm, dy=7.5mm, dz=5mm
Reference Value = 23.752 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.725 W/kg; SAR(10 g) = 0.473 W/kg
Maximum value of SAR (measured) = 0.834 W/kg



0 dB = 0.834 W/kg = -0.79 dBW/kg

Additional information:
position or distance of DUT to the phantom: 15 mm
ambient temperature: 21.3°C; liquid temperature: 21.3°C

CDMA 1900 BC1

Date: 10/26/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161791688

Configuration: Right-Hand-Side HSL - CDMA 1900 BC1_Slider Closed

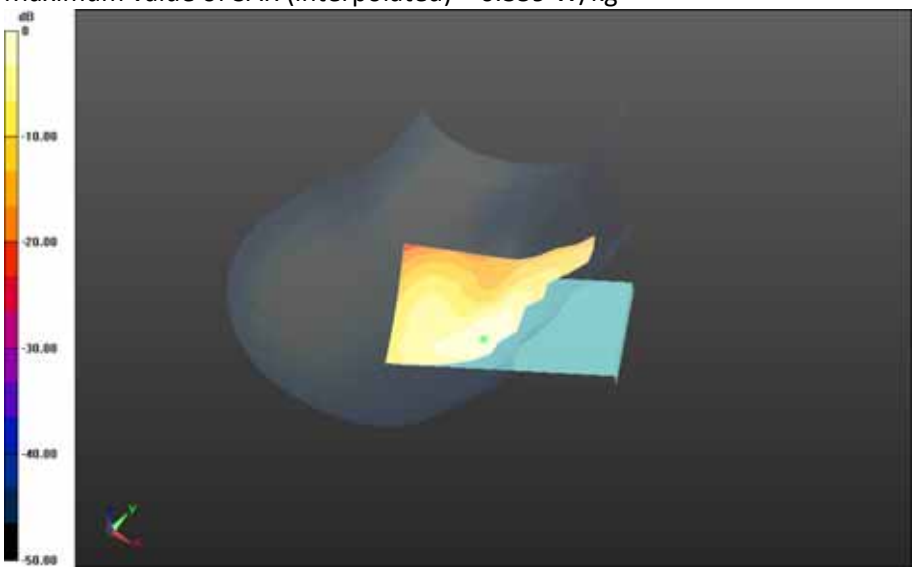
Communication System: CDMA 1900 (0); Communication System Band: CDMA 2000 PCS;
Frequency: 1880 MHz
Medium Parameters used: f=1880 MHz; σ = 1.366 S/m; ε_r = 38.502; ρ = 1.000 g/cm^3
Phantom section: Right Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (5.18,5.18,5.18); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Right-Hand-Side HSL - CDMA 1900 BC1_Slider Closed/Touch Position - CDMA 1900 BC1_chan600_amb_temp_23.7C_liq_temp_22.4C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 7.653 V/m; **Power Drift = 0.015 dB**

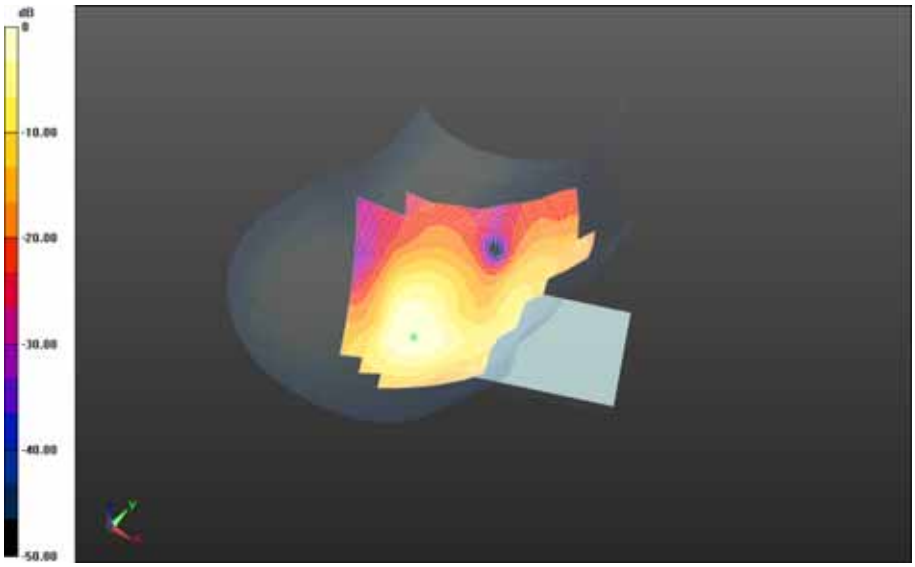
Fast SAR: SAR(1g) = 0.311 W/kg; SAR(10g) = 0.186 W/kg
Maximum value of SAR (interpolated) = 0.359 W/kg



0 dB = 0.359 W/kg = -4.45 dBW/kg

Right-Hand-Side HSL - CDMA 1900 BC1_Slider Closed/Tilt Position - CDMA 1900 BC1_chan600_amb_temp_23.5C_liq_temp_22.4C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 12.580 V/m; **Power Drift = -0.173 dB**

Fast SAR: SAR(1g) = 0.284 W/kg; SAR(10g) = 0.164 W/kg
Maximum value of SAR (interpolated) = 0.319 W/kg



0 dB = 0.319 W/kg = -4.96 dBW/kg

Date: 10/26/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161791688

Configuration: Left-Hand-Side HSL - CDMA 1900 BC1_Slider Closed

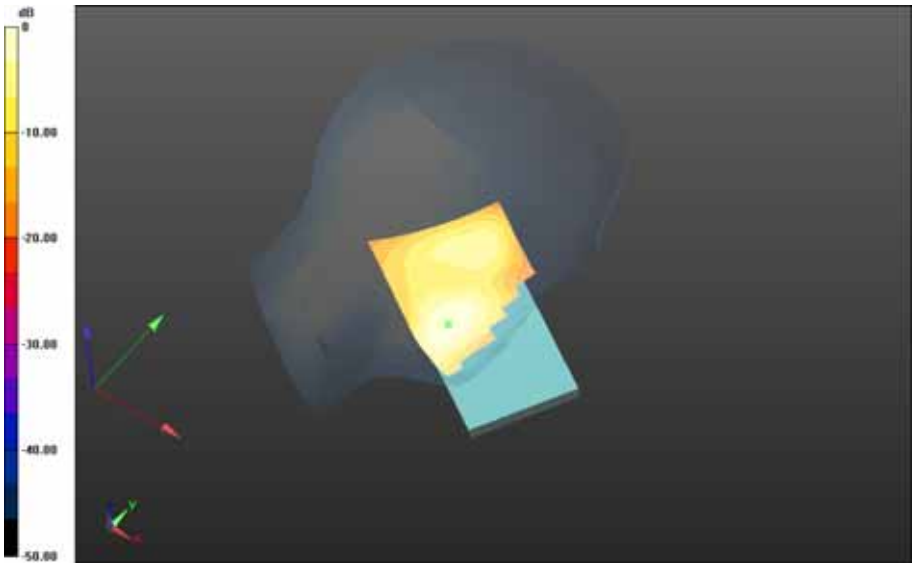
Communication System: CDMA 1900 (0); Communication System Band: CDMA 2000 PCS; Frequency: 1880 MHz
Medium Parameters used: f=1880 MHz; σ = 1.366 S/m; ε_r = 38.502; ρ = 1.000 g/cm^3
Phantom section: Left Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (5.18,5.18,5.18); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Left-Hand-Side HSL - CDMA 1900 BC1_Slider Closed/Touch Position - CDMA 1900 BC1_chan600_amb_temp_23.9C_liq_temp_22.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 10.045 V/m; **Power Drift = -0.014 dB**

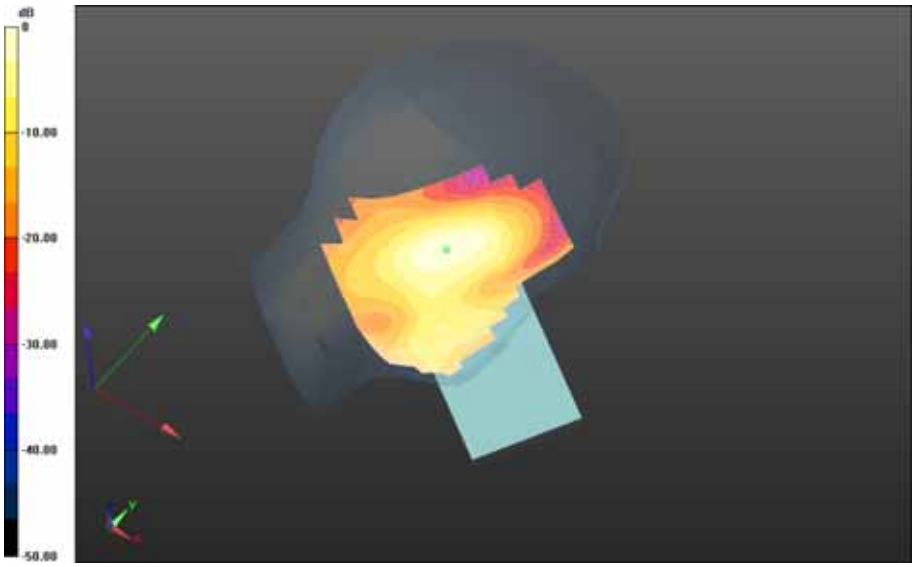
Fast SAR: SAR(1g) = 0.533 W/kg; SAR(10g) = 0.302 W/kg
Maximum value of SAR (interpolated) = 0.592 W/kg



0 dB = 0.592 W/kg = -2.28 dBW/kg

Left-Hand-Side HSL - CDMA 1900 BC1_Slider Closed/Tilt Position - CDMA 1900 BC1_chan600_amb_temp_23.8C_liq_temp_22.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 16.241 V/m; **Power Drift = -0.193 dB**

Fast SAR: SAR(1g) = 0.327 W/kg; SAR(10g) = 0.180 W/kg
Maximum value of SAR (interpolated) = 0.402 W/kg



0 dB = 0.402 W/kg = -3.96 dBW/kg

Date: 10/26/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161791688

Configuration: Right-Hand-Side HSL - CDMA 1900 BC1_Slider Open

Communication System: CDMA 1900 (0); Communication System Band: CDMA 2000 PCS; Frequency: 1880 MHz
Medium Parameters used: f=1880 MHz; σ = 1.366 S/m; ε_r = 38.502; ρ = 1.000 g/cm^3
Phantom section: Right Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (5.18,5.18,5.18); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

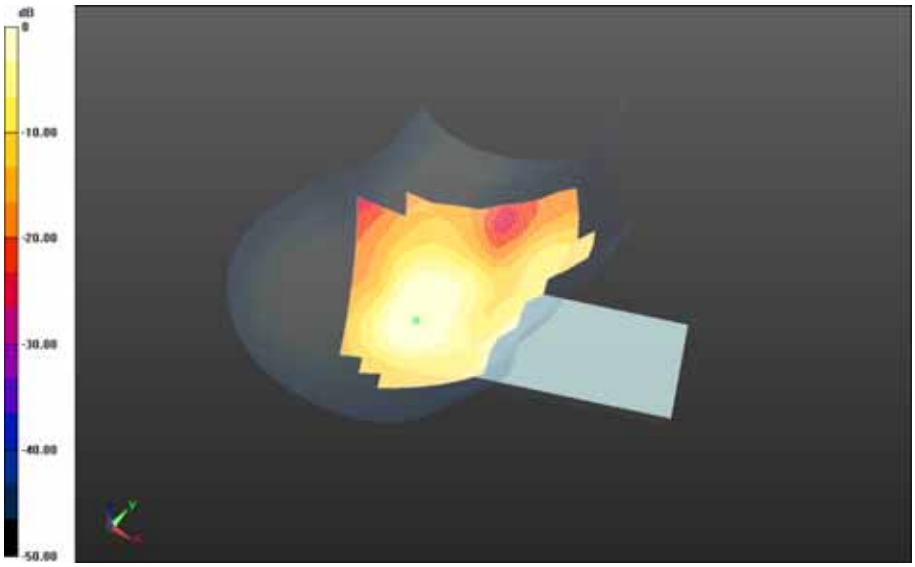
Right-Hand-Side HSL - CDMA 1900 BC1_Slider Open/Touch Position - CDMA 1900 BC1_chan600_amb_temp_24.0C_liq_temp_22.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 9.089 V/m; **Power Drift = -0.087 dB**

Fast SAR: SAR(1g) = 0.347 W/kg; SAR(10g) = 0.209 W/kg
Maximum value of SAR (interpolated) = 0.390 W/kg

0 dB = 0.390 W/kg = -4.09 dBW/kg

Right-Hand-Side HSL - CDMA 1900 BC1_Slider Open/Tilt Position - CDMA 1900 BC1_chan600_amb_temp_24.0C_liq_temp_22.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 16.328 V/m; **Power Drift = -0.054 dB**

Fast SAR: SAR(1g) = 0.343 W/kg; SAR(10g) = 0.209 W/kg
Maximum value of SAR (interpolated) = 0.368 W/kg



0 dB = 0.368 W/kg = -4.34 dBW/kg

Date: 10/26/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161791688

Configuration: Left-Hand-Side HSL - CDMA 1900 BC1_Slider Open

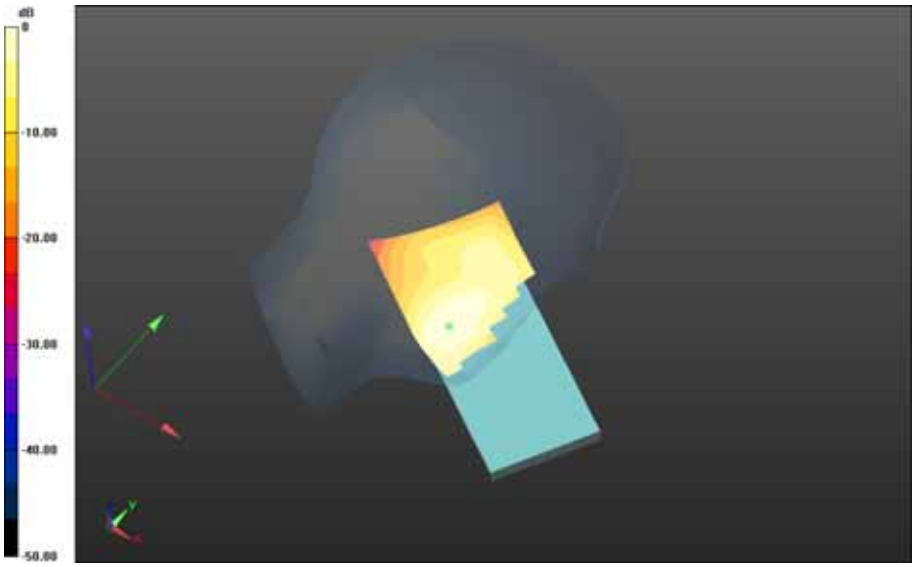
Communication System: CDMA 1900 (0); Communication System Band: CDMA 2000 PCS;
Frequency: 1851.25 MHz
Medium Parameters used: f=1851.25 MHz; σ = 1.333 S/m; ε_r = 38.647; ρ = 1.000 g/cm^3
Phantom section: Left Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (5.18,5.18,5.18); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 1; Type: SAM 4.0; Serial: 1076
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Left-Hand-Side HSL - CDMA 1900 BC1_Slider Open/Touch Position - CDMA 1900 BC1_chan25_amb_temp_23.9C_liq_temp_22.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 7.076 V/m; **Power Drift = 0.00034 dB**

Fast SAR: SAR(1g) = 0.526 W/kg; SAR(10g) = 0.305 W/kg
Maximum value of SAR (interpolated) = 0.572 W/kg



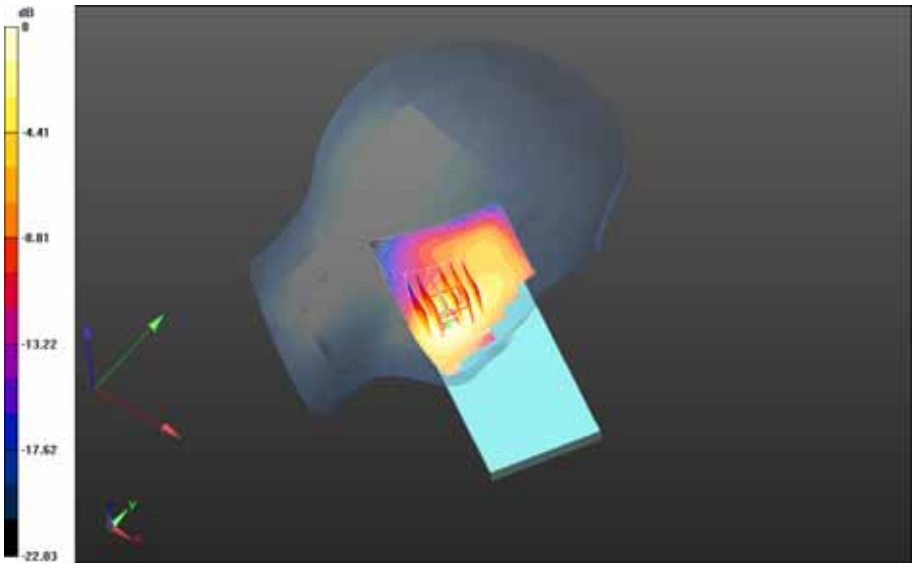
0 dB = 0.572 W/kg = -2.43 dBW/kg

Left-Hand-Side HSL - CDMA 1900 BC1_Slider Open/Touch Position - CDMA 1900 BC1_chan600_amb_temp_23.9C_liq_temp_22.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 7.903 V/m; **Power Drift = -0.124 dB**

Fast SAR: SAR(1g) = 0.657 W/kg; SAR(10g) = 0.381 W/kg
Maximum value of SAR (interpolated) = 0.726 W/kg

Left-Hand-Side HSL - CDMA 1900 BC1_Slider Open/Touch Position - CDMA 1900 BC1_chan600_amb_temp_23.9C_liq_temp_22.5C/Zoom Scan (26x26x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 7.903 V/m; **Power Drift = -0.124 dB**

Averaged SAR: SAR(1g) = 0.652 W/kg; SAR(10g) = 0.417 W/kg
Maximum value of SAR (interpolated) = 0.929 W/kg



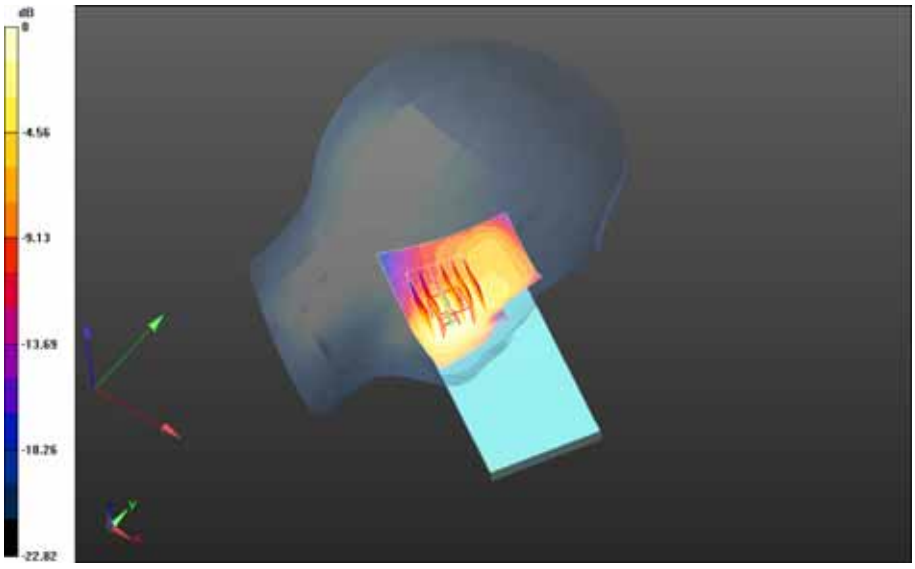
0 dB = 0.703 W/kg = -1.53 dBW/kg

Left-Hand-Side HSL - CDMA 1900 BC1_Slider Open/Touch Position - CDMA 1900 BC1_chan1175_amb_temp_23.9C_liq_temp_22.5C/Area Scan (61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 7.390 V/m; **Power Drift = -0.071 dB**

Fast SAR: SAR(1g) = 0.577 W/kg; SAR(10g) = 0.341 W/kg
Maximum value of SAR (interpolated) = 0.635 W/kg

Left-Hand-Side HSL - CDMA 1900 BC1_Slider Open/Touch Position - CDMA 1900 BC1_chan1175_amb_temp_23.9C_liq_temp_22.5C/Zoom Scan (26x26x36)/Cube 0:
Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 7.390 V/m; **Power Drift = -0.071 dB**

Averaged SAR: SAR(1g) = 0.589 W/kg; SAR(10g) = 0.369 W/kg
Maximum value of SAR (interpolated) = 0.870 W/kg



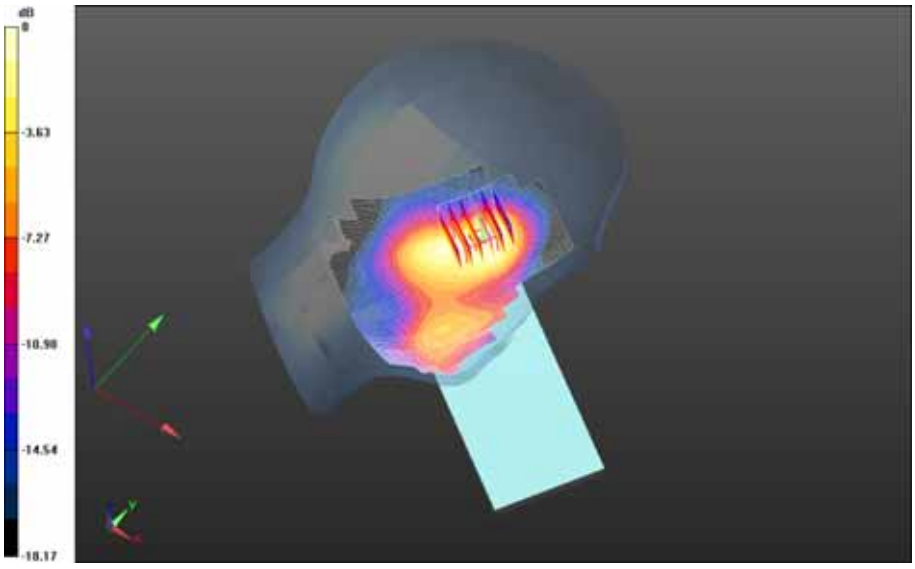
0 dB = 0.642 W/kg = -1.92 dBW/kg

Left-Hand-Side HSL - CDMA 1900 BC1_Slider Open/Tilt Position - CDMA 1900 BC1_chan600_amb_temp_23.7C_liq_temp_22.4C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 15.361 V/m; **Power Drift = 0.115 dB**

Fast SAR: SAR(1g) = 0.474 W/kg; SAR(10g) = 0.281 W/kg
Maximum value of SAR (interpolated) = 0.625 W/kg

Left-Hand-Side HSL - CDMA 1900 BC1_Slider Open/Tilt Position - CDMA 1900 BC1_chan600_amb_temp_23.7C_liq_temp_22.4C/Zoom Scan (26x26x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 15.361 V/m; **Power Drift = 0.115 dB**

Averaged SAR: SAR(1g) = 0.476 W/kg; SAR(10g) = 0.306 W/kg
Maximum value of SAR (interpolated) = 0.658 W/kg



0 dB = 0.498 W/kg = -3.03 dBW/kg

Date: 10/26/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161791688

Configuration: Mobile Hot Spot MSL - CDMA 1900 BC1_Slider Closed

Communication System: CDMA 1900 (0); Communication System Band: CDMA 2000 PCS; Frequency: 1880 MHz
Medium Parameters used: f=1880 MHz; σ = 1.568 S/m; ε_r = 50.790; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

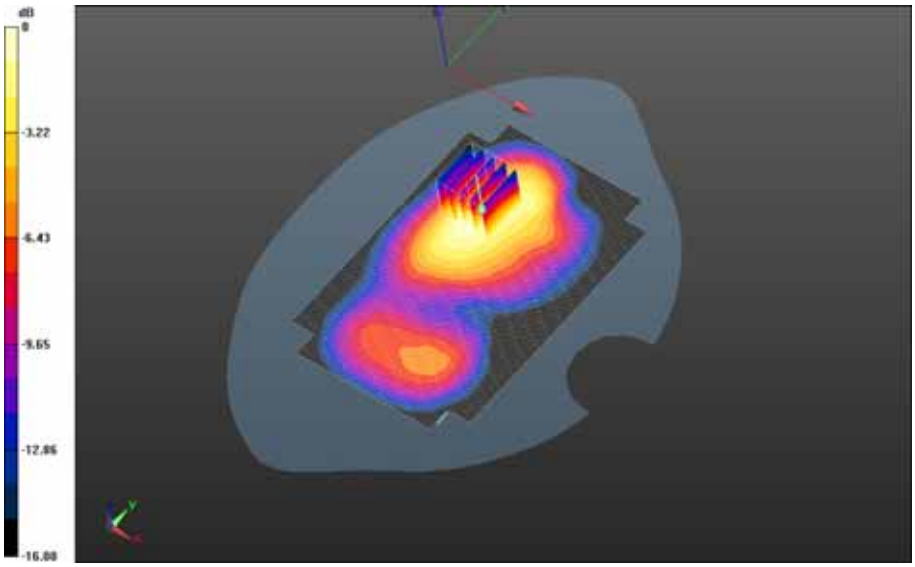
- Probe: ET3DV6 - SN1643; ConvF: (4.5,4.5,4.5); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Mobile Hot Spot MSL - CDMA 1900 BC1_Slider Closed/10mm Device Back - CDMA 1900 BC1_chan600_amb_temp_23.7C_liq_temp_22.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 10.569 V/m; **Power Drift = 0.00736 dB**

Fast SAR: SAR(1g) = 0.697 W/kg; SAR(10g) = 0.415 W/kg
Maximum value of SAR (interpolated) = 0.786 W/kg

Mobile Hot Spot MSL - CDMA 1900 BC1_Slider Closed/10mm Device Back - CDMA 1900 BC1_chan600_amb_temp_23.7C_liq_temp_22.6C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 10.569 V/m; **Power Drift = 0.00736 dB**

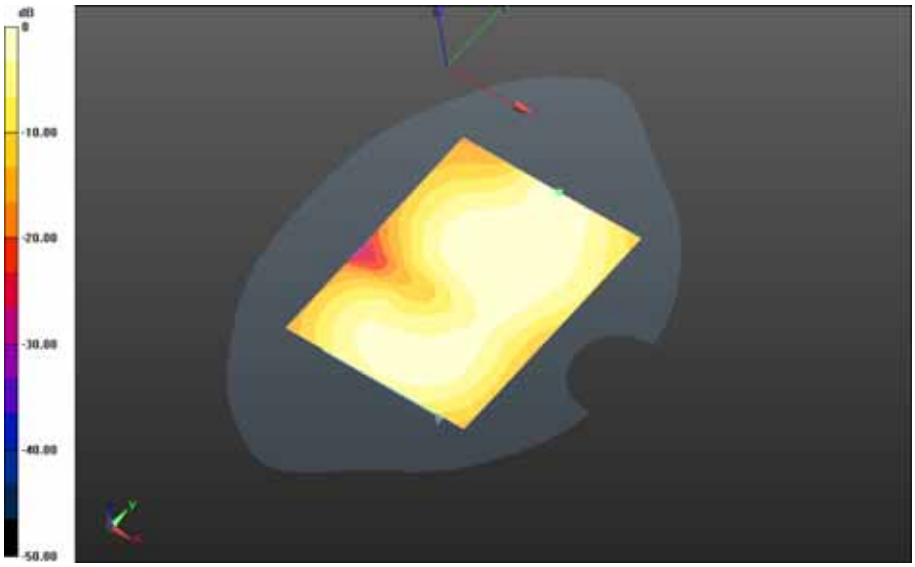
Averaged SAR: SAR(1g) = 0.719 W/kg; SAR(10g) = 0.452 W/kg
Maximum value of SAR (interpolated) = 0.963 W/kg



0 dB = 0.778 W/kg = -1.09 dBW/kg

Mobile Hot Spot MSL - CDMA 1900 BC1_Slider Closed/10mm Device Front - CDMA 1900 BC1_chan600_amb_temp_23.9C_liq_temp_22.5C/Area Scan (101x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.972 V/m; **Power Drift = -0.086 dB**

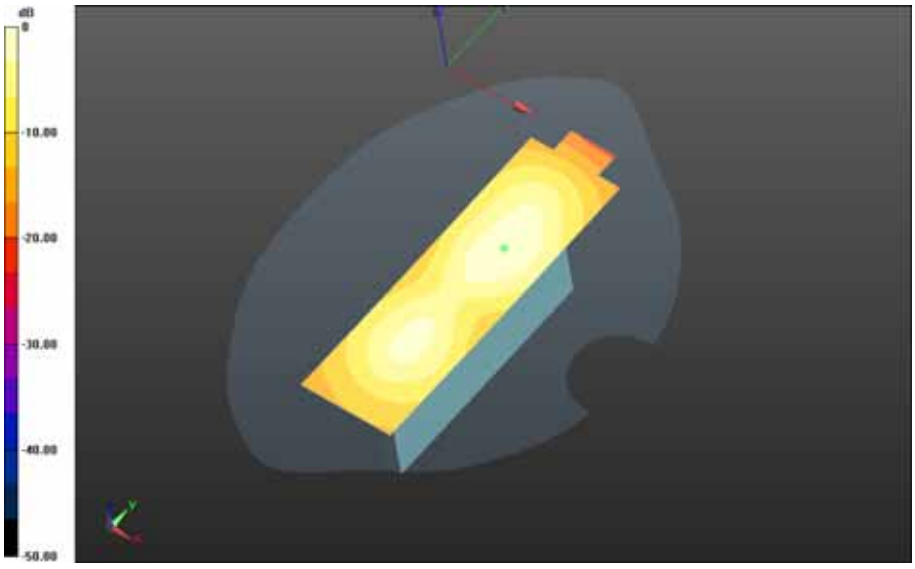
Fast SAR: SAR(1g) = 0.193 W/kg; SAR(10g) = 0.122 W/kg
Maximum value of SAR (interpolated) = 0.219 W/kg



0 dB = 0.219 W/kg = -6.60 dBW/kg

Mobile Hot Spot MSL - CDMA 1900 BC1_Slider Closed/10mm Device Left - CDMA 1900 BC1_chan600_amb_temp_23.8C_liq_temp_22.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 11.189 V/m; **Power Drift = -0.017 dB**

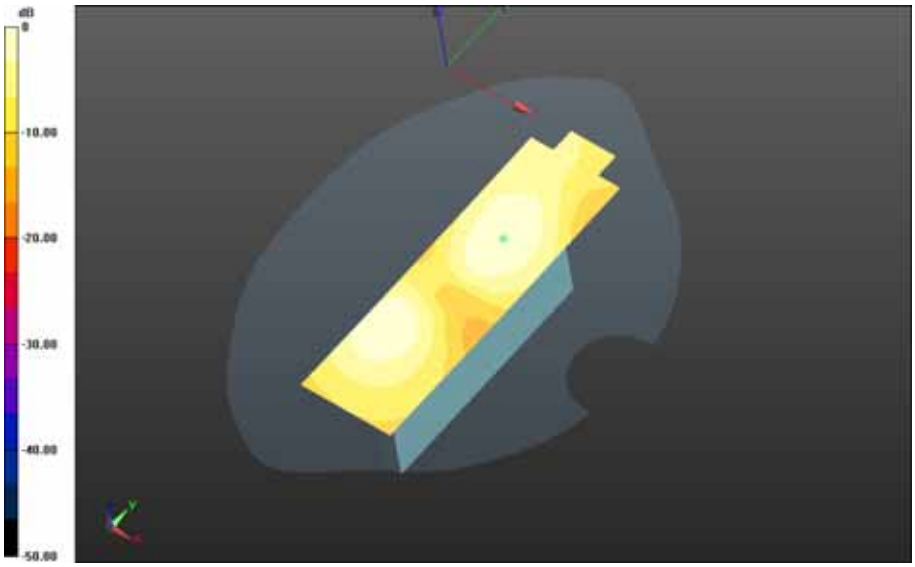
Fast SAR: SAR(1g) = 0.370 W/kg; SAR(10g) = 0.212 W/kg
Maximum value of SAR (interpolated) = 0.412 W/kg



0 dB = 0.412 W/kg = -3.85 dBW/kg

Mobile Hot Spot MSL - CDMA 1900 BC1_Slider Closed/10mm Device Right - CDMA 1900 BC1_chan600_amb_temp_23.9C_liq_temp_22.4C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 3.111 V/m; **Power Drift = -0.078 dB**

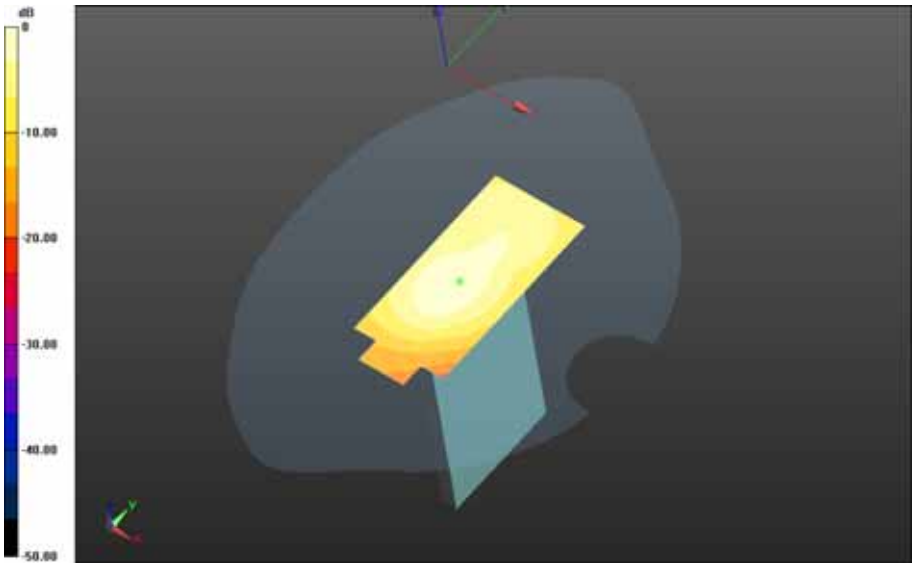
Fast SAR: SAR(1g) = 0.0593 W/kg; SAR(10g) = 0.0353 W/kg
Maximum value of SAR (interpolated) = 0.0637 W/kg



0 dB = 0.0637 W/kg = -11.96 dBW/kg

Mobile Hot Spot MSL - CDMA 1900 BC1_Slider Closed/10mm Device Bottom - CDMA 1900 BC1_chan600_amb_temp_23.8C_liq_temp_22.4C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 11.024 V/m; **Power Drift = -0.029 dB**

Fast SAR: SAR(1g) = 0.150 W/kg; SAR(10g) = 0.0856 W/kg
Maximum value of SAR (interpolated) = 0.169 W/kg



0 dB = 0.169 W/kg = -7.72 dBW/kg

Date: 10/26/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161791688

Configuration: Mobile Hot Spot MSL - CDMA 1900 BC1_Slider Open

Communication System: CDMA 1900 (0); Communication System Band: CDMA 2000 PCS; Frequency: 1851.25 MHz
Medium Parameters used: f=1851.25 MHz; σ = 1.542 S/m; ε_r = 50.784; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

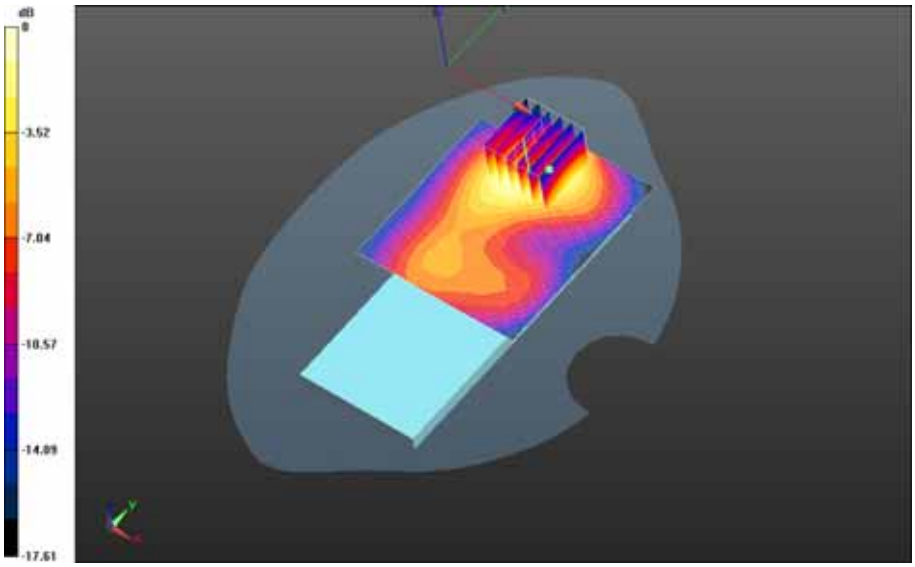
- Probe: ET3DV6 - SN1643; ConvF: (4.5,4.5,4.5); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Mobile Hot Spot MSL - CDMA 1900 BC1_Slider Open/10mm Device Back - CDMA 1900 BC1_chan25_amb_temp_23.5C_liq_temp_22.5C/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 12.901 V/m; **Power Drift = -0.012 dB**

Fast SAR: SAR(1g) = 0.868 W/kg; SAR(10g) = 0.513 W/kg
Maximum value of SAR (interpolated) = 0.957 W/kg

Mobile Hot Spot MSL - CDMA 1900 BC1_Slider Open/10mm Device Back - CDMA 1900 BC1_chan25_amb_temp_23.5C_liq_temp_22.5C/Zoom Scan (26x26x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 12.901 V/m; **Power Drift = -0.012 dB**

Averaged SAR: SAR(1g) = 0.830 W/kg; SAR(10g) = 0.523 W/kg
Maximum value of SAR (interpolated) = 1.30 W/kg



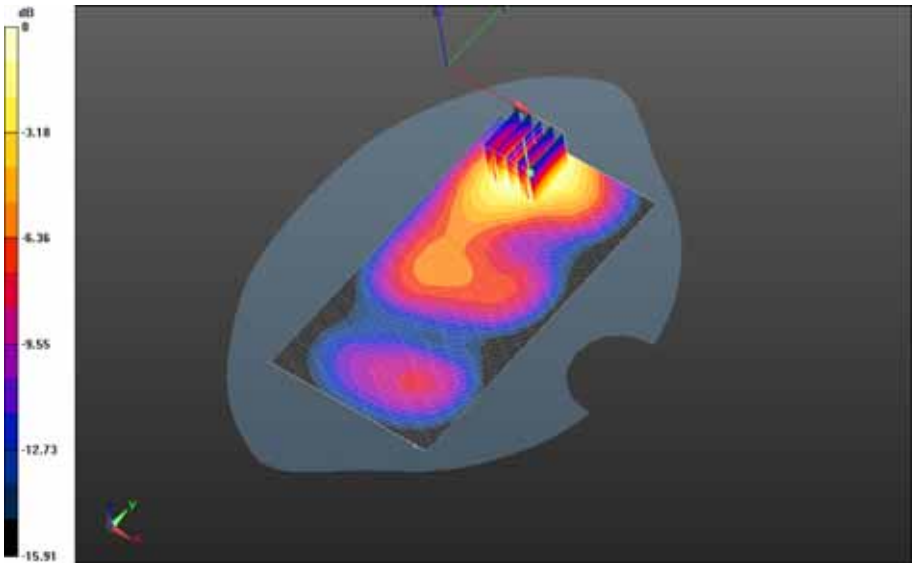
0 dB = 0.913 W/kg = -0.40 dBW/kg

Mobile Hot Spot MSL - CDMA 1900 BC1_Slider Open/10mm Device Back - CDMA 1900 BC1_chan600_amb_temp_23.5C_liq_temp_22.6C/Area Scan (91x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 12.936 V/m; **Power Drift = -0.000571 dB**

Fast SAR: SAR(1g) = 0.854 W/kg; SAR(10g) = 0.504 W/kg
Maximum value of SAR (interpolated) = 0.934 W/kg

Mobile Hot Spot MSL - CDMA 1900 BC1_Slider Open/10mm Device Back - CDMA 1900 BC1_chan600_amb_temp_23.5C_liq_temp_22.6C/Zoom Scan (21x21x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 12.936 V/m; **Power Drift = -0.000571 dB**

Averaged SAR: SAR(1g) = 0.859 W/kg; SAR(10g) = 0.534 W/kg
Maximum value of SAR (interpolated) = 1.22 W/kg



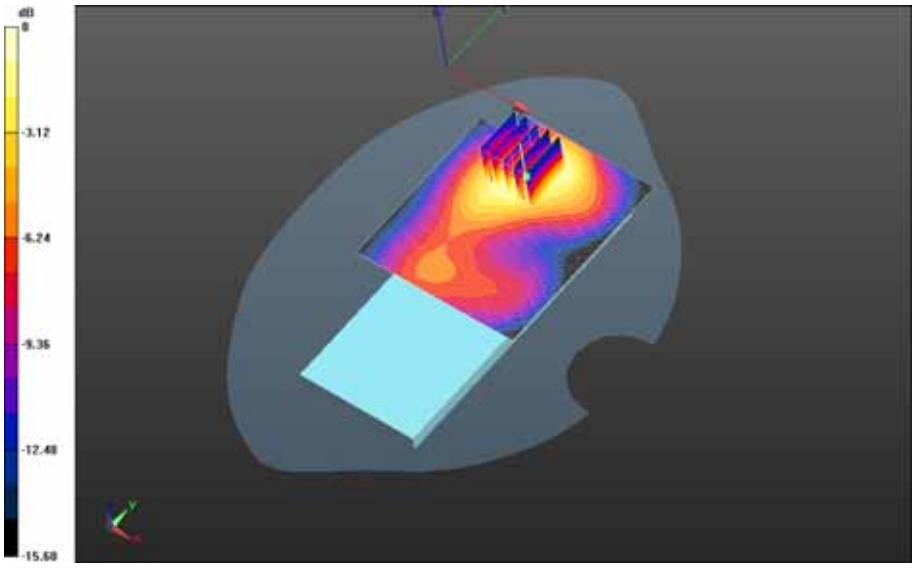
0 dB = 0.932 W/kg = -0.31 dBW/kg

Mobile Hot Spot MSL - CDMA 1900 BC1_Slider Open/10mm Device Back - CDMA 1900 BC1_chan1175_amb_temp_23.4C_liq_temp_22.5C/Area Scan (71x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 12.725 V/m; **Power Drift = 0.012 dB**

Fast SAR: SAR(1g) = 0.852 W/kg; SAR(10g) = 0.508 W/kg
Maximum value of SAR (interpolated) = 0.920 W/kg

Mobile Hot Spot MSL - CDMA 1900 BC1_Slider Open/10mm Device Back - CDMA 1900 BC1_chan1175_amb_temp_23.4C_liq_temp_22.5C/Zoom Scan (21x21x36)/Cube 0:
Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 12.725 V/m; **Power Drift = 0.012 dB**

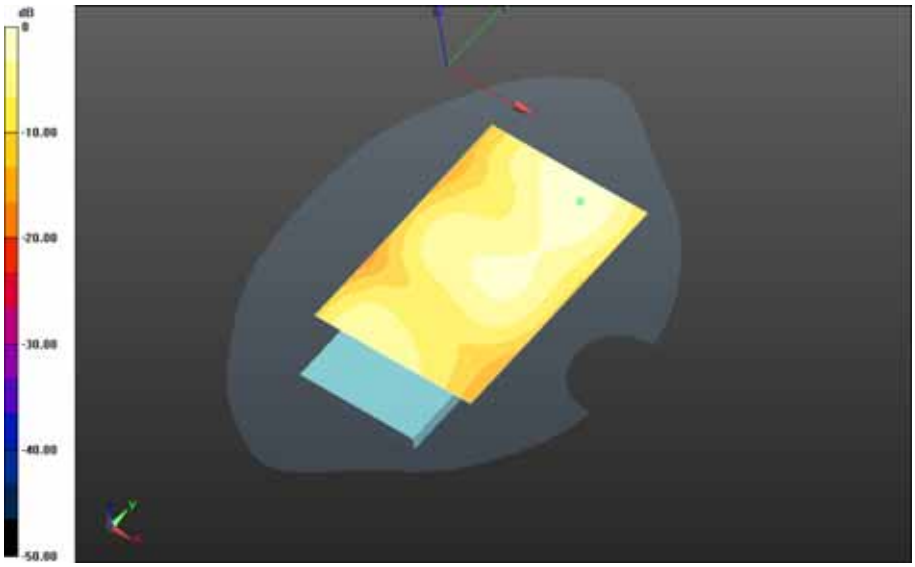
Averaged SAR: SAR(1g) = 0.879 W/kg; SAR(10g) = 0.541 W/kg
Maximum value of SAR (interpolated) = 1.20 W/kg



0 dB = 0.960 W/kg = -0.18 dBW/kg

Mobile Hot Spot MSL - CDMA 1900 BC1_Slider Open/10mm Device Front - CDMA 1900 BC1_chan600_amb_temp_23.6C_liq_temp_22.4C/Area Scan (91x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 13.623 V/m; **Power Drift = -0.075 dB**

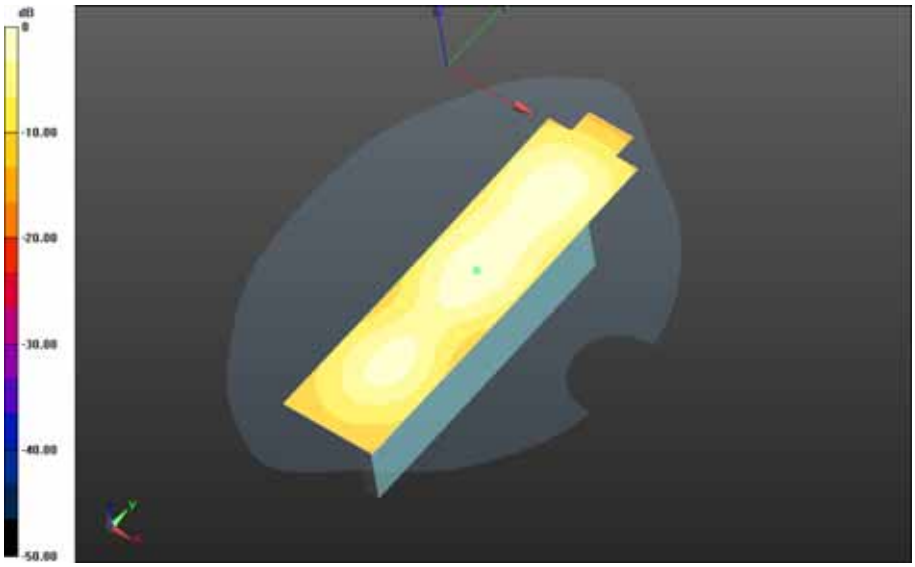
Fast SAR: SAR(1g) = 0.567 W/kg; SAR(10g) = 0.337 W/kg
Maximum value of SAR (interpolated) = 0.624 W/kg



0 dB = 0.624 W/kg = -2.05 dBW/kg

Mobile Hot Spot MSL - CDMA 1900 BC1_Slider Open/10mm Device Left - CDMA 1900 BC1_chan600_amb_temp_23.9C_liq_temp_22.4C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 16.609 V/m; **Power Drift = 0.010 dB**

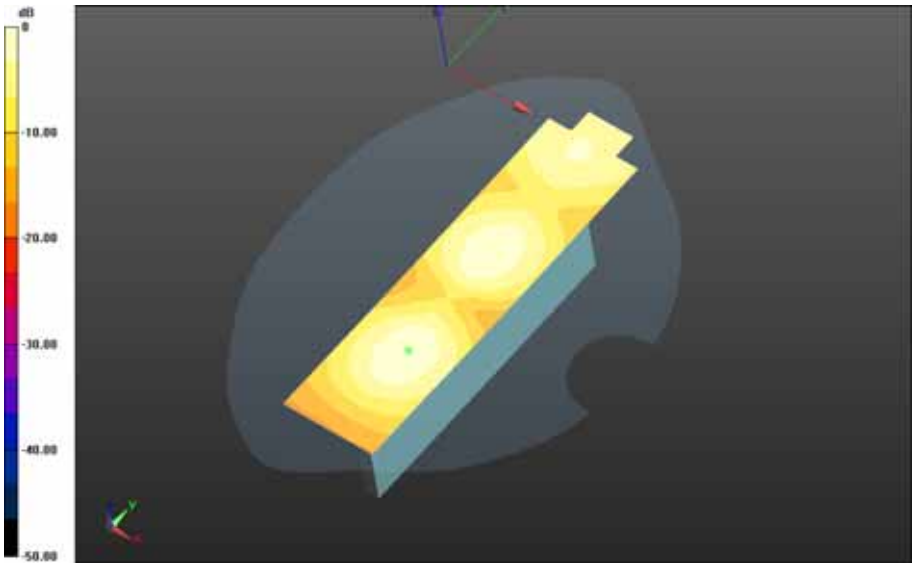
Fast SAR: SAR(1g) = 0.364 W/kg; SAR(10g) = 0.212 W/kg
Maximum value of SAR (interpolated) = 0.411 W/kg



0 dB = 0.411 W/kg = -3.86 dBW/kg

Mobile Hot Spot MSL - CDMA 1900 BC1_Slider Open/10mm Device Right - CDMA 1900 BC1_chan600_amb_temp_23.6C_liq_temp_22.4C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 5.979 V/m; **Power Drift = -0.139 dB**

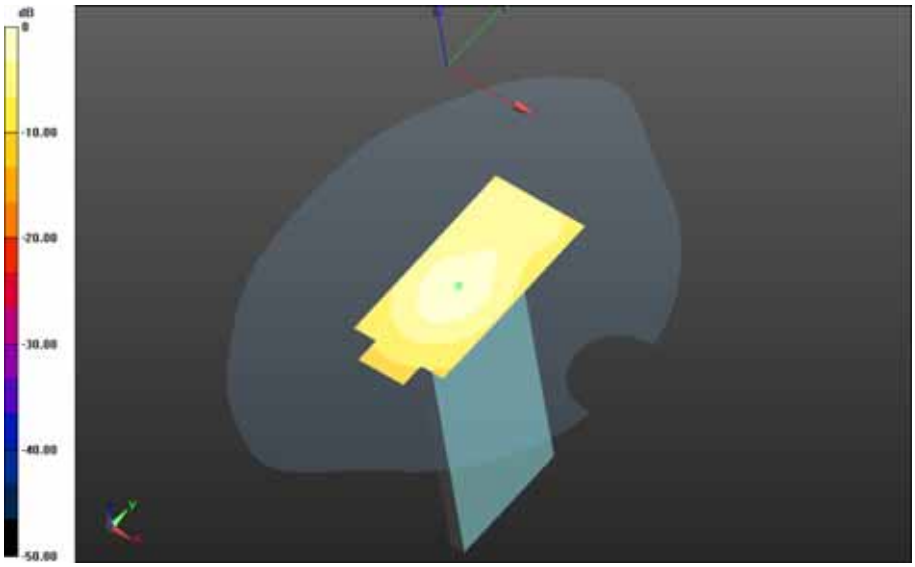
Fast SAR: SAR(1g) = 0.128 W/kg; SAR(10g) = 0.0724 W/kg
Maximum value of SAR (interpolated) = 0.148 W/kg



0 dB = 0.148 W/kg = -8.30 dBW/kg

Mobile Hot Spot MSL - CDMA 1900 BC1_Slider Open/10mm Device Bottom - CDMA 1900 BC1_chan600_amb_temp_23.6C_liq_temp_22.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 14.283 V/m; **Power Drift = -0.044 dB**

Fast SAR: SAR(1g) = 0.252 W/kg; SAR(10g) = 0.145 W/kg
Maximum value of SAR (interpolated) = 0.281 W/kg



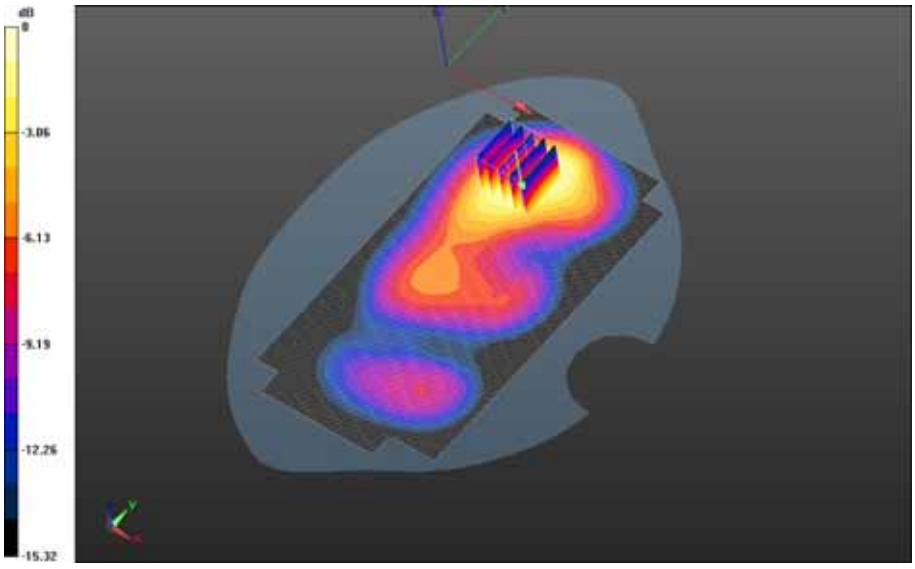
0 dB = 0.281 W/kg = -5.51 dBW/kg

Mobile Hot Spot MSL - CDMA 1900 BC1_Slider Open/10mm Device Back 2nd Scan - CDMA 1900 BC1_chan1175_amb_temp_23.8C_liq_temp_22.5C 2/Area Scan (121x171x1):
Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 12.919 V/m; **Power Drift = 0.012 dB**

Fast SAR: SAR(1g) = 0.818 W/kg; SAR(10g) = 0.482 W/kg
Maximum value of SAR (interpolated) = 0.899 W/kg

Mobile Hot Spot MSL - CDMA 1900 BC1_Slider Open/10mm Device Back 2nd Scan - CDMA 1900 BC1_chan1175_amb_temp_23.8C_liq_temp_22.5C 2/Zoom Scan (21x21x36)/Cube 0:
Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 12.919 V/m; **Power Drift = 0.012 dB**

Averaged SAR: SAR(1g) = 0.849 W/kg; SAR(10g) = 0.524 W/kg
Maximum value of SAR (interpolated) = 1.15 W/kg



0 dB = 0.928 W/kg = -0.32 dBW/kg

Date: 10/26/2015

Test Lab: BlackBerry RTS
DUT Name: BlackBerry Smartphone, Type: Sample, Serial: 1161791688

Configuration: Body Worn MSL - CDMA 1900 BC1_Slider Closed

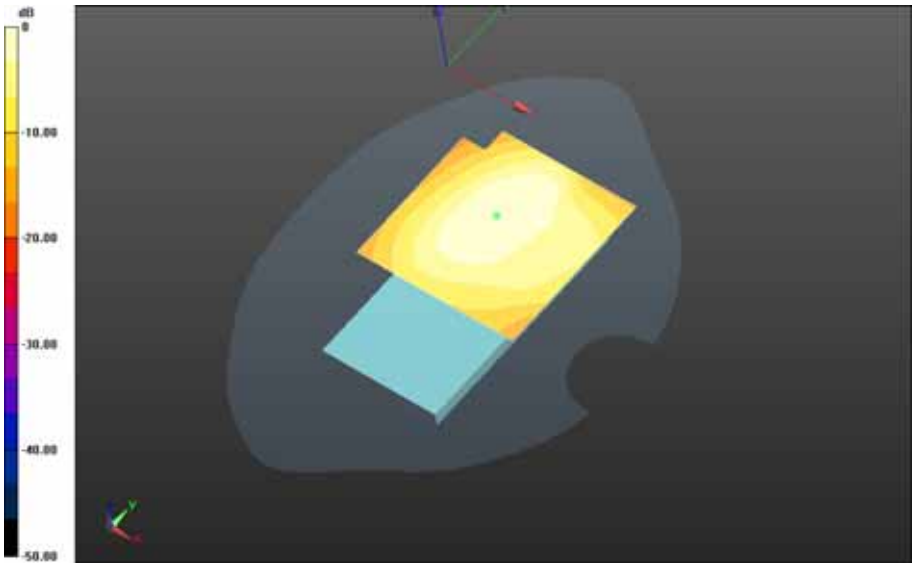
Communication System: CDMA 1900 (0); Communication System Band: CDMA 2000 PCS;
Frequency: 1851.25 MHz
Medium Parameters used: f=1851.25 MHz; σ = 1.542 S/m; ε_r = 50.784; ρ = 1.000 g/cm^3
Phantom section: Flat Section

DASY Configuration:

- Probe: ET3DV6 - SN1643; ConvF: (4.5,4.5,4.5); Calibrated: 3/13/2015;
- Sensor-Surface: 4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn881; Calibrated: 1/13/2015
- Phantom: SAM 2; Type: SAM 4.0; Serial: 1080
- DASY52 52.8.8(1222); SEMCAD X Version 14.6.10 (7331)

Body Worn MSL - CDMA 1900 BC1_Slider Closed/15mm Device Back - CDMA 1900 BC1_chan25_amb_temp_24.1C_liq_temp_22.6C/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 8.817 V/m; **Power Drift = -0.074 dB**

Fast SAR: SAR(1g) = 0.425 W/kg; SAR(10g) = 0.256 W/kg
Maximum value of SAR (interpolated) = 0.464 W/kg



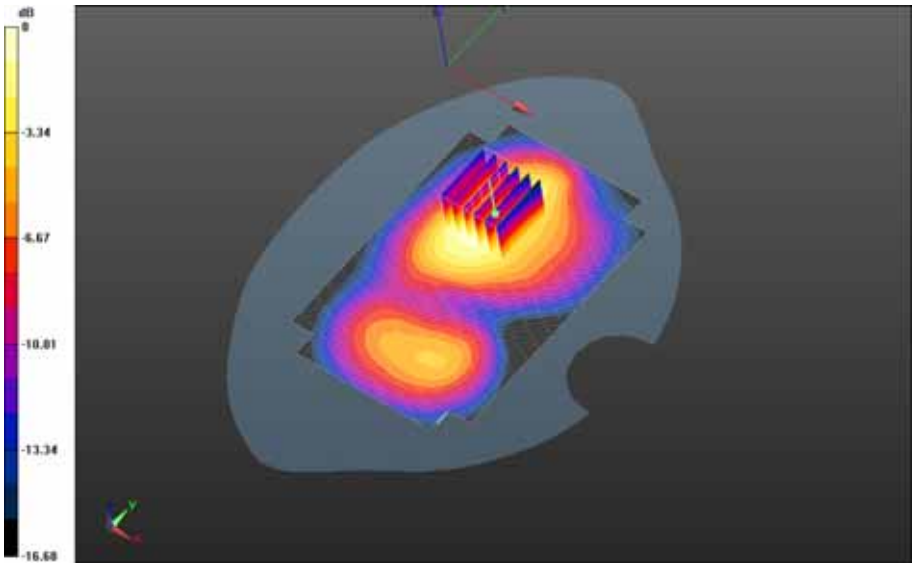
0 dB = 0.464 W/kg = -3.33 dBW/kg

Body Worn MSL - CDMA 1900 BC1_Slider Closed/15mm Device Back - CDMA 1900 BC1_chan600_amb_temp_23.9C_liq_temp_22.6C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 11.193 V/m; **Power Drift = -0.039 dB**

Fast SAR: SAR(1g) = 0.700 W/kg; SAR(10g) = 0.416 W/kg
Maximum value of SAR (interpolated) = 0.779 W/kg

Body Worn MSL - CDMA 1900 BC1_Slider Closed/15mm Device Back - CDMA 1900 BC1_chan600_amb_temp_23.9C_liq_temp_22.6C/Zoom Scan (26x26x36)/Cube 0: Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 11.193 V/m; **Power Drift = -0.039 dB**

Averaged SAR: SAR(1g) = 0.691 W/kg; SAR(10g) = 0.446 W/kg
Maximum value of SAR (interpolated) = 0.929 W/kg



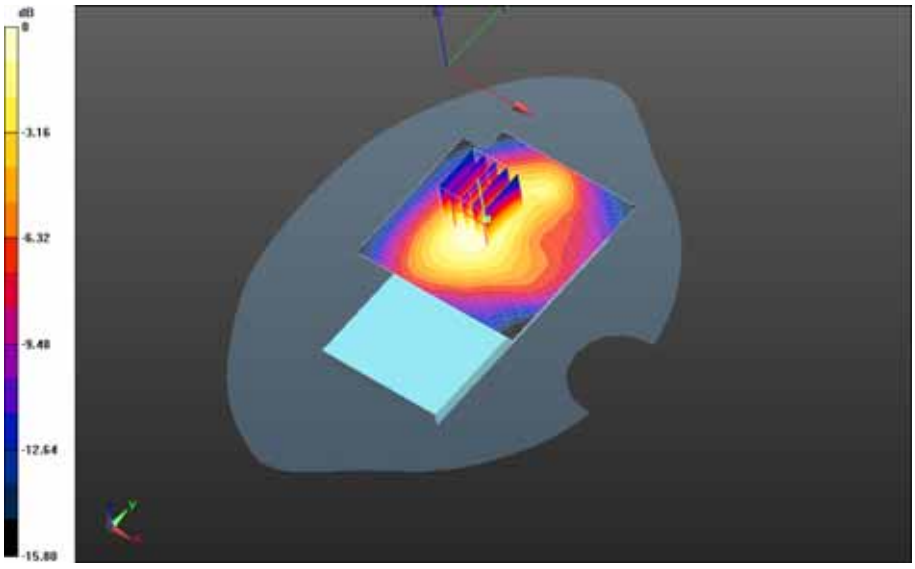
0 dB = 0.751 W/kg = -1.24 dBW/kg

Body Worn MSL - CDMA 1900 BC1_Slider Closed/15mm Device Back - CDMA 1900 BC1_chan1175_amb_temp_23.6C_liq_temp_22.5C/Area Scan (71x71x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 11.961 V/m; **Power Drift = -0.064 dB**

Fast SAR: SAR(1g) = 0.615 W/kg; SAR(10g) = 0.366 W/kg
Maximum value of SAR (interpolated) = 0.679 W/kg

Body Worn MSL - CDMA 1900 BC1_Slider Closed/15mm Device Back - CDMA 1900 BC1_chan1175_amb_temp_23.6C_liq_temp_22.5C/Zoom Scan (21x21x36)/Cube 0:
Interpolated grid: dx=1.500 mm, dy=1.500 mm, dz=1.000 mm
Reference Value = 11.961 V/m; **Power Drift = -0.064 dB**

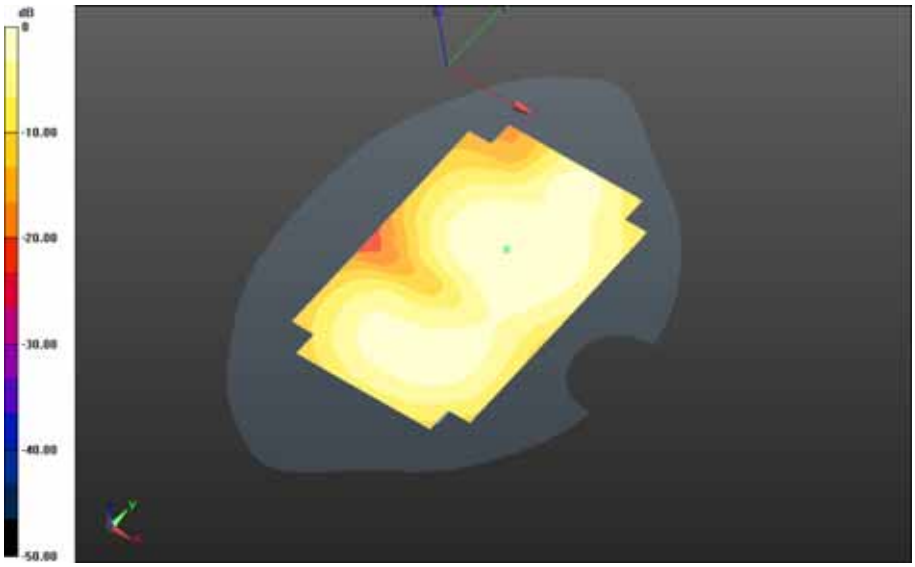
Averaged SAR: SAR(1g) = 0.617 W/kg; SAR(10g) = 0.400 W/kg
Maximum value of SAR (interpolated) = 0.832 W/kg



0 dB = 0.664 W/kg = -1.78 dBW/kg

Body Worn MSL - CDMA 1900 BC1_Slider Closed/15mm Device Front - CDMA 1900 BC1_chan600_amb_temp_23.5C_liq_temp_22.5C/Area Scan (121x171x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 7.328 V/m; **Power Drift = 0.045 dB**

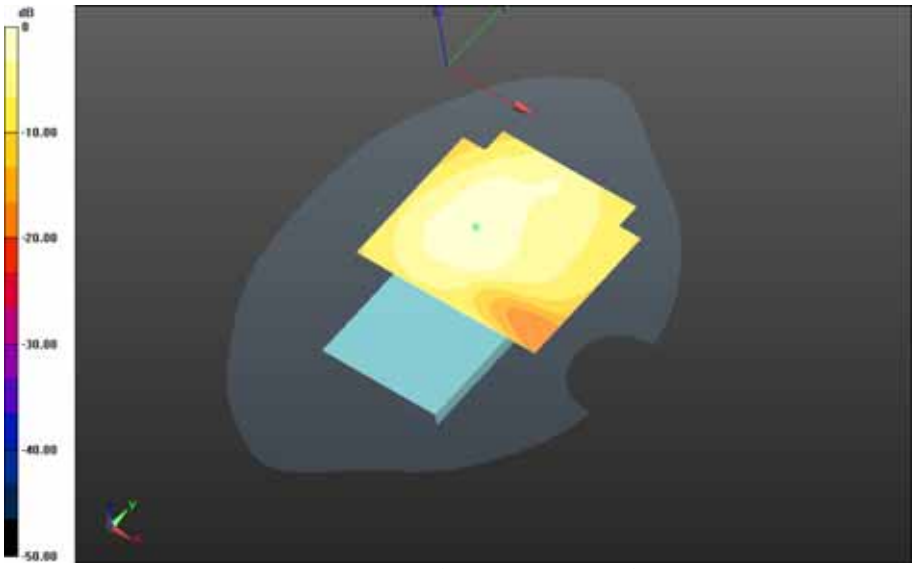
Fast SAR: SAR(1g) = 0.213 W/kg; SAR(10g) = 0.133 W/kg
Maximum value of SAR (interpolated) = 0.227 W/kg



0 dB = 0.227 W/kg = -6.44 dBW/kg

Body Worn MSL - CDMA 1900 BC1_Slider Closed/Holster Device Back - CDMA 1900 BC1_chan600_amb_temp_23.8C_liq_temp_22.5C/Area Scan (121x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Reference Value = 6.898 V/m; **Power Drift = -0.035 dB**

Fast SAR: SAR(1g) = 0.240 W/kg; SAR(10g) = 0.148 W/kg
Maximum value of SAR (interpolated) = 0.259 W/kg



0 dB = 0.259 W/kg = -5.87 dBW/kg