



Appendix B

Detailed Test Results

1. GSM
GSM850 for Head& Body
GSM1900 for Head& Body
2. WCDMA
WCDMA Band II for Head& Body
WCDMA Band IV for Head& Body
WCDMA Band V for Head& Body
3. LTE
LTE Band 2 for Head& Body
LTE Band 5 for Head& Body
LTE Band 7 for Head& Body
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LTE Band 41 for Head& Body
LTE Band 66 for Head& Body
4. WIFI&BT
WIFI 2.4GHz for Head& Body
WIFI 5.2GHz for Head& Body
WIFI 5.3GHz for Head& Body
WIFI 5.5GHz for Head& Body
WIFI 5.8GHz for Head& Body
5. RFID
915.25MHz for Head& Body



Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity



Date: 2025/9/24

Test Laboratory: LCS-SAR Lab
GSM 850 128CH Right Cheek

DUT: Rugged Handheld Computer ; Type: EA530 UHF ; Serial: A250901020-1

Communication System: UID 0, GSM (0); Frequency: 824.2 MHz; Duty Cycle: 1: 1
Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.909$ S/m; $\epsilon_r = 42.349$; $\rho = 1000$ kg/m³
Phantom section: Right Section

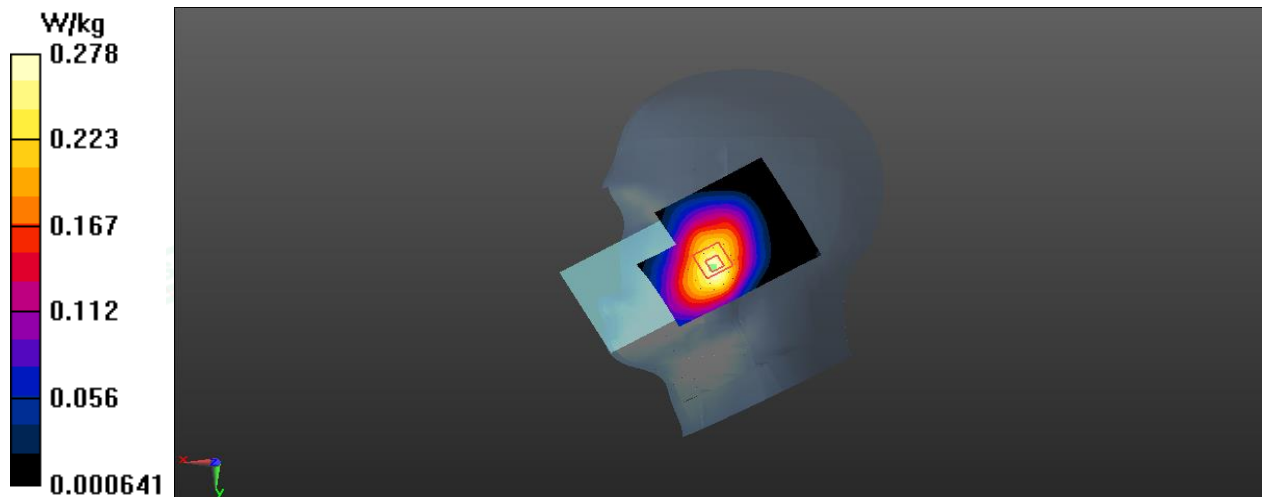
DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.08, 9.08, 9.08); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (61x71x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.294 W/kg

Configuration/Head /Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 6.283 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.392 W/kg
SAR(1 g) = 0.181 W/kg; SAR(10 g) = 0.142 W/kg

Maximum value of SAR (measured) = 0.278 W/kg





Date: 2025/9/24

Test Laboratory: LCS-SAR Lab

GSM 850 GPRS 3TX 128CH Rear side 0mm**DUT: Rugged Handheld Computer ; Type: EA530 UHF ; Serial: A250901020-1**

Communication System: UID 0, GSM (0); Frequency: 824.2 MHz; Duty Cycle: 1: 2.77

Medium parameters used: $f = 824.2.6$ MHz; $\sigma = 0.909$ S/m; $\epsilon_r = 42.349$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.08, 9.08, 9.08); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Body /Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.463 W/kg

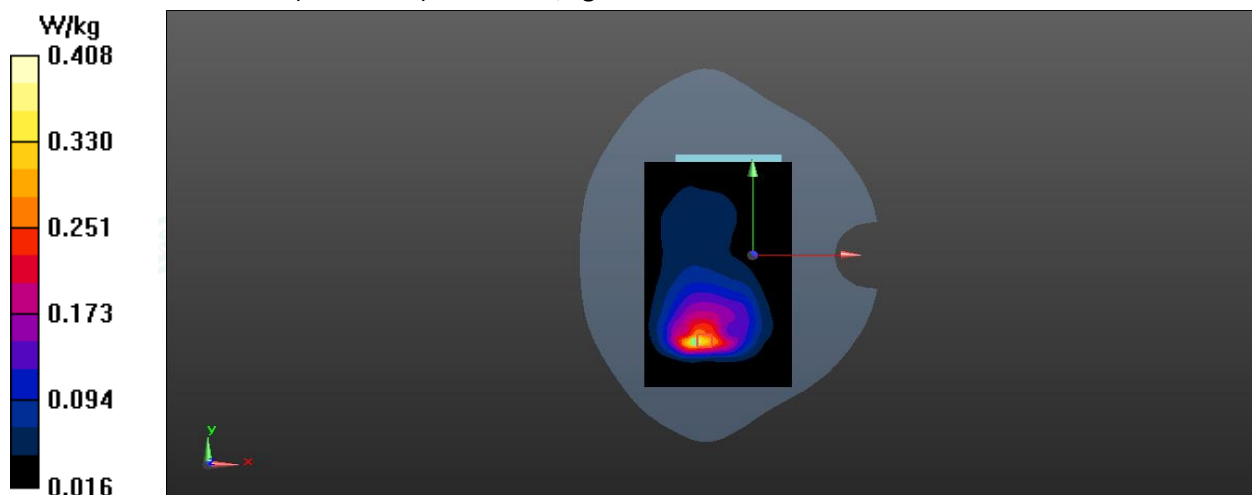
Configuration/ Body /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.183 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.613 W/kg

SAR(1 g) = 0.25 W/kg; SAR(10 g) = 0.156 W/kg

Maximum value of SAR (measured) = 0.408 W/kg



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Date: 2025/9/31

Test Laboratory: LCS-SAR Lab
GSM 1900 810CH Right Cheek

DUT: Rugged Handheld Computer ; Type: EA530 UHF ; Serial: A250901020-1

Communication System: UID 0, GSM (0); Frequency: 1909.8 MHz; Duty Cycle: 1: 1
Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.465$ S/m; $\epsilon_r = 39.973$; $\rho = 1000$ kg/m³
Phantom section: Right Section

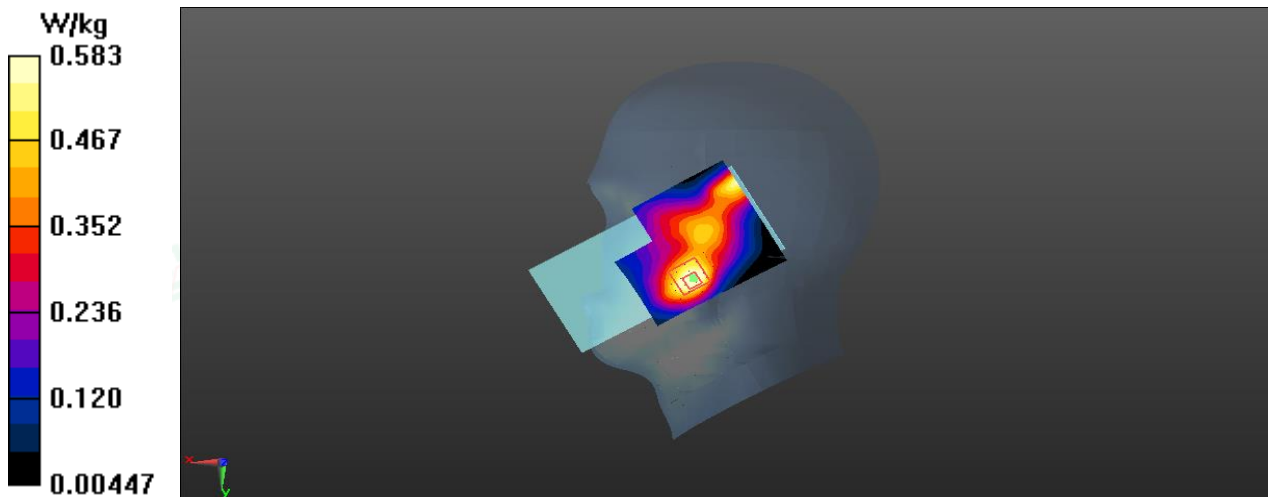
DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.80, 7.80, 7.80); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head /Area Scan (61x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.622 W/kg

Configuration/Head /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.294 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.719 W/kg
SAR(1 g) = 0.327 W/kg; SAR(10 g) = 0.218 W/kg

Maximum value of SAR (measured) = 0.583 W/kg





Date: 2025/9/31

Test Laboratory: LCS-SAR Lab

GSM 1900 GPRS 3TX 810CH Rear side 0mm**DUT: Rugged Handheld Computer ; Type: EA530 UHF ; Serial: A250901020-1**

Communication System: UID 0, GSM (0); Frequency: 1909.8 MHz; Duty Cycle: 1: 2.77

Medium parameters used: $f = 1909.8$ MHz; $\sigma = 1.465$ S/m; $\epsilon_r = 39.973$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.80, 7.80, 7.80); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Body /Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.567 W/kg

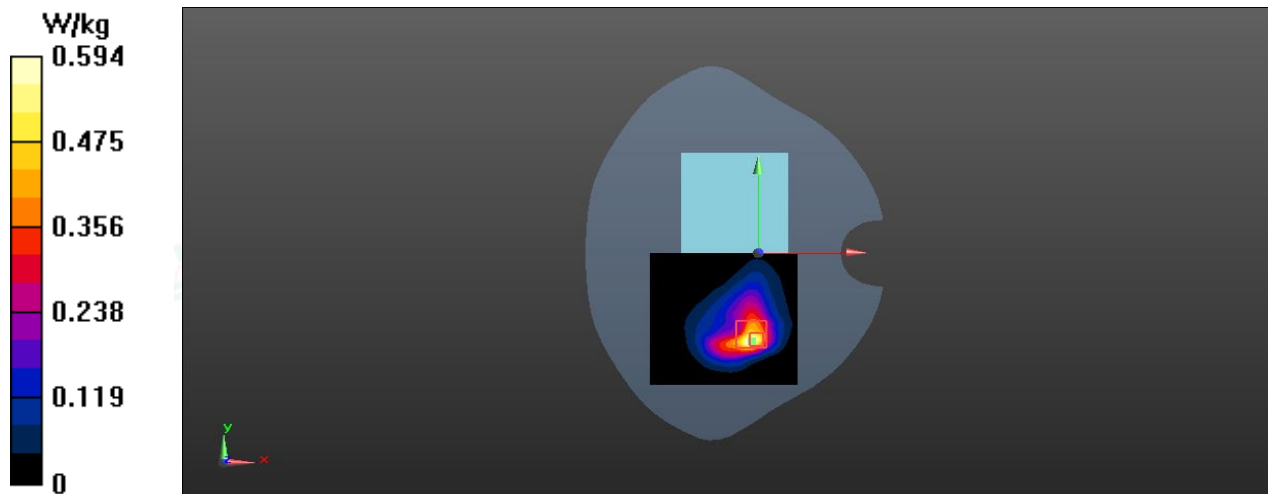
Configuration/ Body /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.068 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.786 W/kg

SAR(1 g) = 0.355 W/kg; SAR(10 g) = 0.181 W/kg

Maximum value of SAR (measured) = 0.594 W/kg



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Date: 2025/9/31

Test Laboratory: LCS-SAR Lab
WCDMA II RMC 9262CH Right Cheek

DUT: Rugged Handheld Computer ; Type: EA530 UHF ; Serial: A250901020-1

Communication System: UID 0, WCDMA (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.437$ S/m; $\epsilon_r = 40.386$; $\rho = 1000$ kg/m³
Phantom section: Right Section

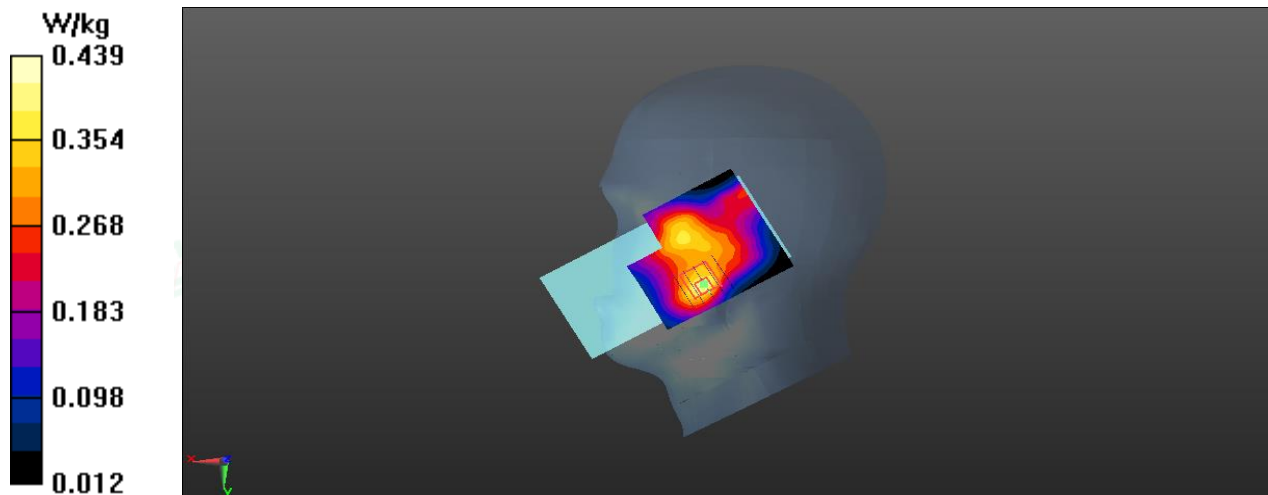
DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.80, 7.80, 7.80); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head /Area Scan (61x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.479 W/kg

Configuration/Head /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.34 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.618 W/kg
SAR(1 g) = 0.271 W/kg; SAR(10 g) = 0.185 W/kg

Maximum value of SAR (measured) = 0.439 W/kg





Date: 2025/9/31

Test Laboratory: LCS-SAR Lab
WCDMA II RMC 9400CH Rear side 0mm

DUT: Rugged Handheld Computer ; Type: EA530 UHF ; Serial: A250901020-1

Communication System: UID 0, WCDMA (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1852.4$ MHz; $\sigma = 1.437$ S/m; $\epsilon_r = 40.386$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

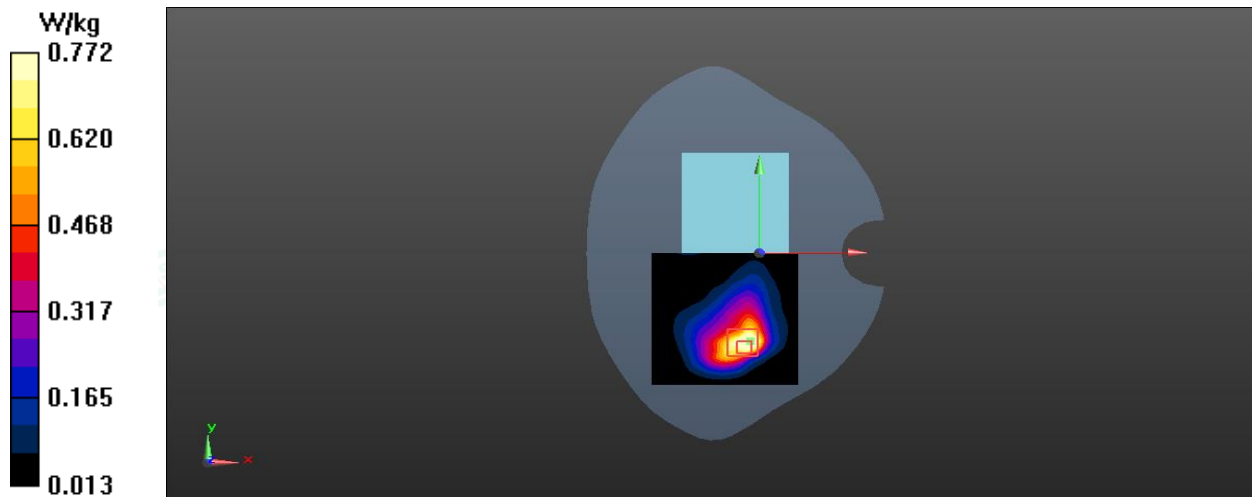
DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.80, 7.80, 7.80); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Body /Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.724 W/kg

Configuration/ Body /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.385 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.04 W/kg
SAR(1 g) = 0.452 W/kg; SAR(10 g) = 0.238 W/kg

Maximum value of SAR (measured) = 0.772 W/kg





Date: 2025/9/28

Test Laboratory: LCS-SAR Lab
WCDMA IV RMC 1413CH Right Cheek

DUT: Rugged Handheld Computer ; Type: EA530 UHF ; Serial: A250901020-1

Communication System: UID 0, WCDMA (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1732.6$ MHz; $\sigma = 1.382$ S/m; $\epsilon_r = 40.893$; $\rho = 1000$ kg/m³
Phantom section: Right Section

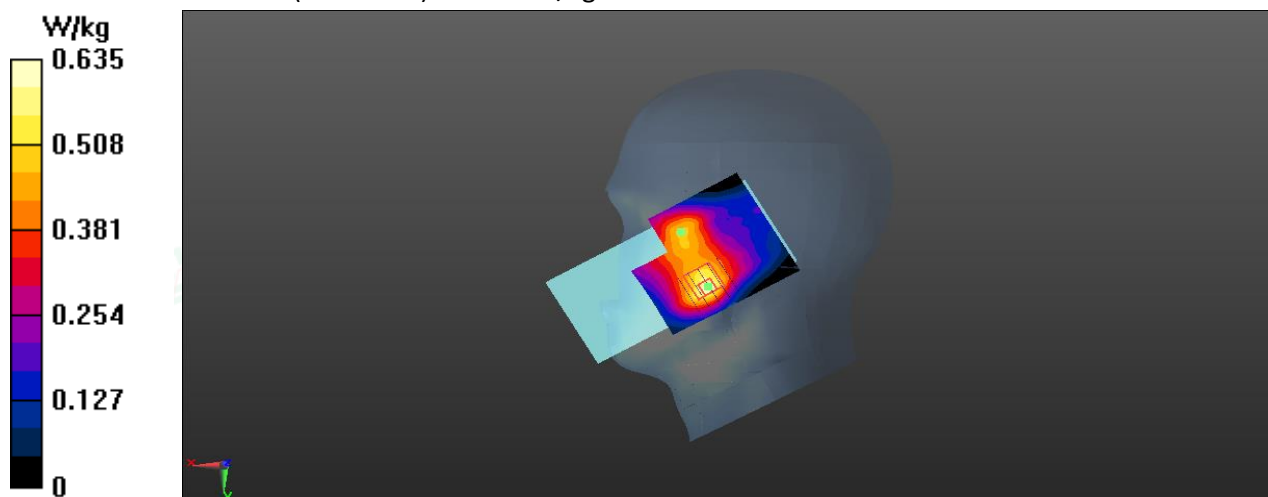
DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(8.14, 8.14, 8.14); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head /Area Scan (61x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.686 W/kg

Configuration/Head /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.637 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.811 W/kg
SAR(1 g) = 0.359 W/kg; SAR(10 g) = 0.197 W/kg

Maximum value of SAR (measured) = 0.635 W/kg





Date: 2025/9/28

Test Laboratory: LCS-SAR Lab
WCDMA IV RMC 1413CH Rear side 0mm

DUT: Rugged Handheld Computer ; Type: EA530 UHF ; Serial: A250901020-1

Communication System: UID 0, WCDMA (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1
Medium parameters used : $f = 1732.6$ MHz; $\sigma = 1.382$ S/m; $\epsilon_r = 40.893$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(8.14, 8.14, 8.14); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Body /Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.863 W/kg

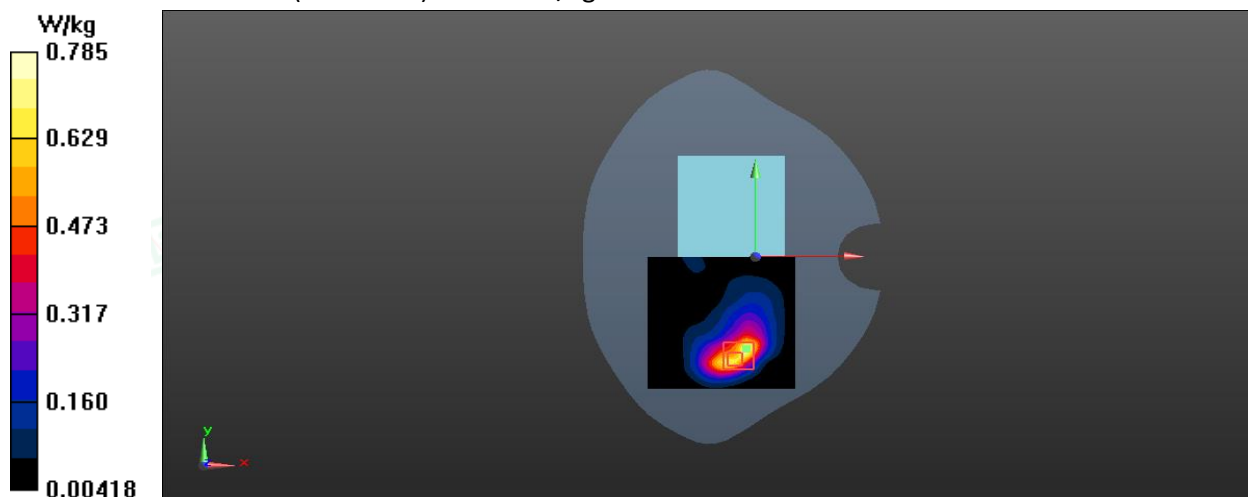
Configuration/ Body /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.538 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.925 W/kg

SAR(1 g) = 0.413 W/kg; SAR(10 g) = 0.219 W/kg

Maximum value of SAR (measured) = 0.785 W/kg





Date: 2025/9/24

Test Laboratory: LCS-SAR Lab
WCDMA V RMC 4182CH Right Cheek

DUT: Rugged Handheld Computer ; Type: EA530 UHF ; Serial: A250901020-1

Communication System: UID 0, WCDMA (0); Frequency: 836.4 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 836.4$ MHz; $\sigma = 0.905$ S/m; $\epsilon_r = 42.083$; $\rho = 1000$ kg/m³
Phantom section: Right Section

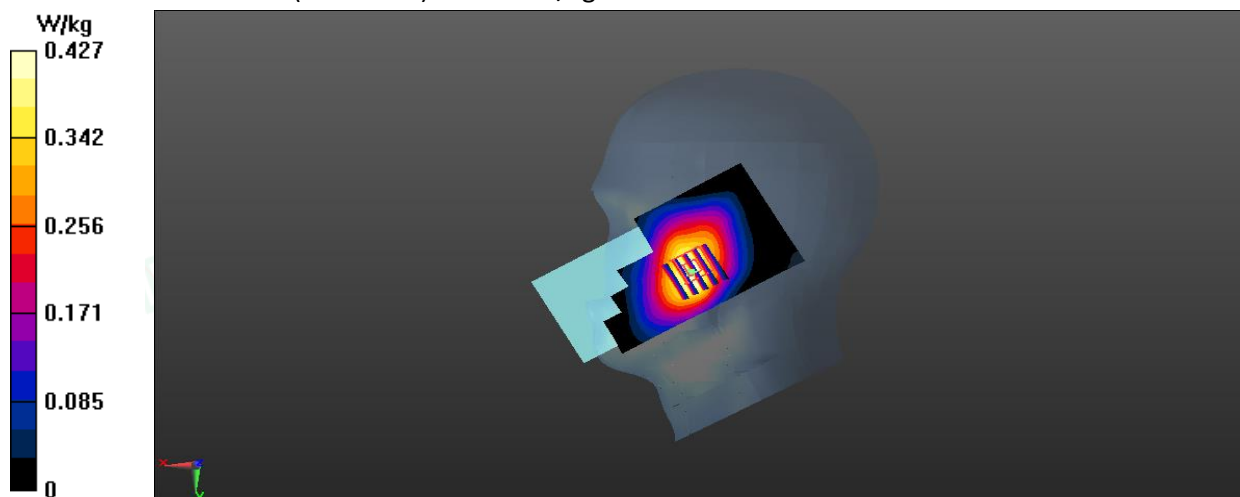
DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.08, 9.08, 9.08); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head /Area Scan (61x71x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.475 W/kg

Configuration/Head /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.273 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.667 W/kg
SAR(1 g) = 0.277 W/kg; SAR(10 g) = 0.188 W/kg

Maximum value of SAR (measured) = 0.427 W/kg





Date: 2025/9/24

Test Laboratory: LCS-SAR Lab
WCDMA V RMC 4182CH Rear side 0mm

DUT: Rugged Handheld Computer ; Type: EA530 UHF ; Serial: A250901020-1

Communication System: UID 0, WCDMA (0); Frequency: 836.4 MHz; Duty Cycle: 1:1
Medium parameters used : $f = 836.4$ MHz; $\sigma = 0.905$ S/m; $\epsilon_r = 42.083$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.08, 9.08, 9.08); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Body /Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.659 W/kg

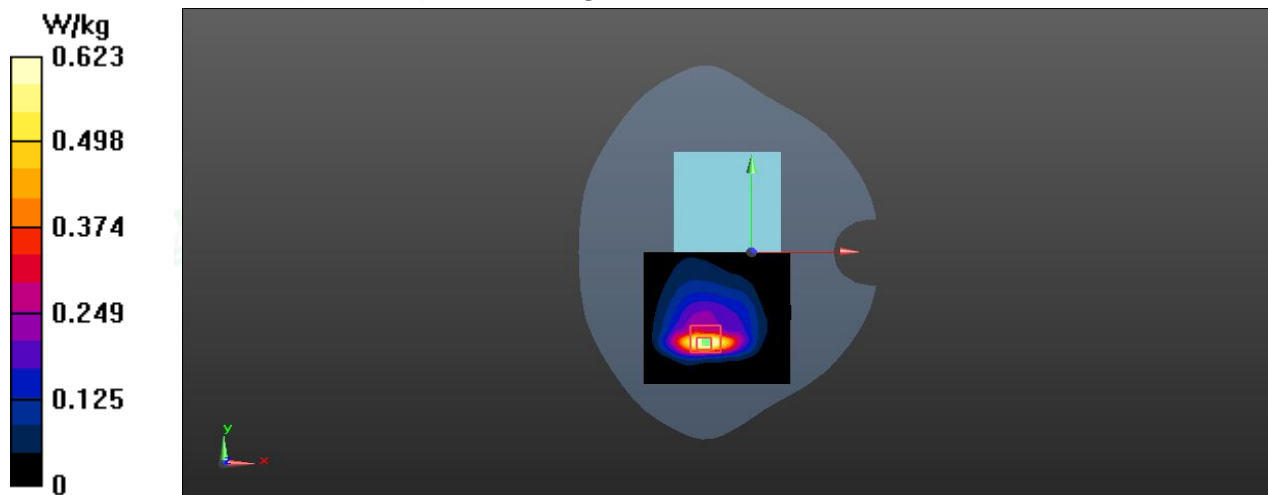
Configuration/ Body /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.083 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.861 W/kg

SAR(1 g) = 0.333 W/kg; SAR(10 g) = 0.169 W/kg

Maximum value of SAR (measured) = 0.623 W/kg





Date: 2025/9/31

Test Laboratory: LCS-SAR Lab

LTE B2 20M QPSK 19100CH 1RB0 Right Cheek**DUT: Rugged Handheld Computer ; Type: EA530 UHF ; Serial: A250901020-1**

Communication System: UID 0, LTE-FDD (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.453$ S/m; $\epsilon_r = 40.329$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.80, 7.80, 7.80); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head /Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.113 W/kg

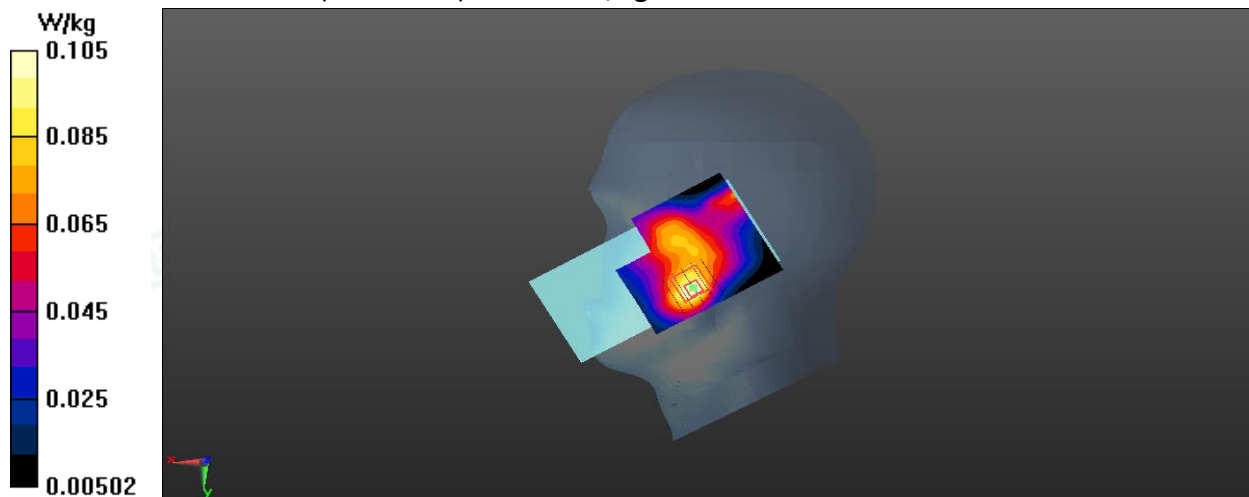
Configuration/Head /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.863 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.128 W/kg

SAR(1 g) = 0.081 W/kg; SAR(10 g) = 0.054 W/kg

Maximum value of SAR (measured) = 0.105 W/kg



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Date: 2025/9/31

Test Laboratory: LCS-SAR Lab

LTE B2 20M QPSK 19100CH 1RB0 Rear side 0mm

DUT: Rugged Handheld Computer ; Type: EA530 UHF ; Serial: A250901020-1

Communication System: UID 0, LTE-FDD (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.453$ S/m; $\epsilon_r = 40.329$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.80, 7.80, 7.80); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Body /Area Scan (10x15x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.839 W/kg

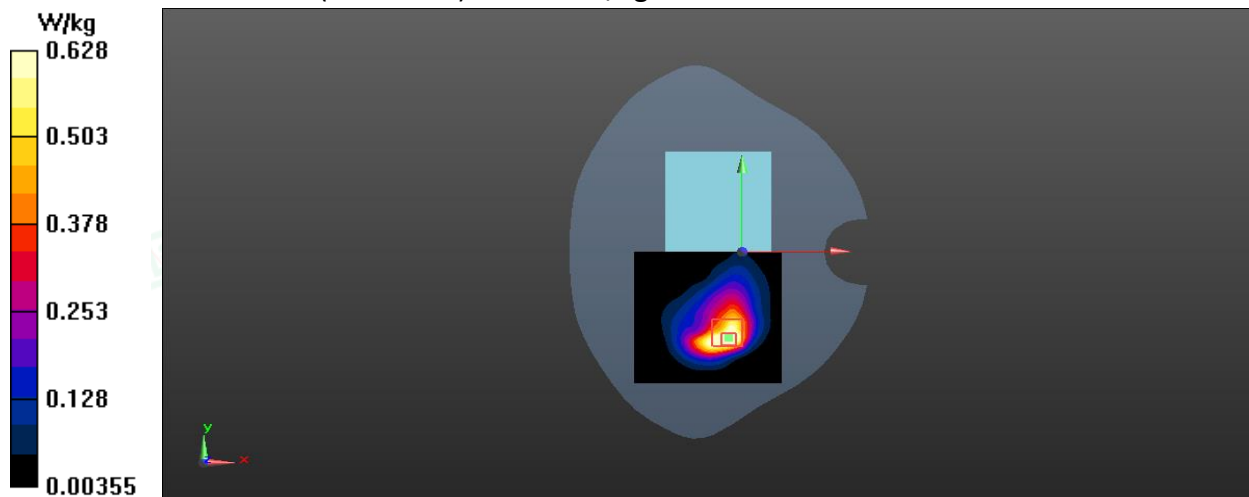
Configuration/ Body /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.845 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.878 W/kg

SAR(1 g) = 0.423 W/kg; SAR(10 g) = 0.233 W/kg

Maximum value of SAR (measured) = 0.628 W/kg



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Scan code to check authenticity



Date: 2025/9/24

Test Laboratory: LCS-SAR Lab

LTE B5 10M QPSK 20525CH 1RB0 Right Cheek**DUT: Rugged Handheld Computer ; Type: EA530 UHF ; Serial: A250901020-1**

Communication System: UID 0, LTE-TDD (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.904$ S/m; $\epsilon_r = 42.079$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.08, 9.08, 9.08); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head /Area Scan (10x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.423 W/kg

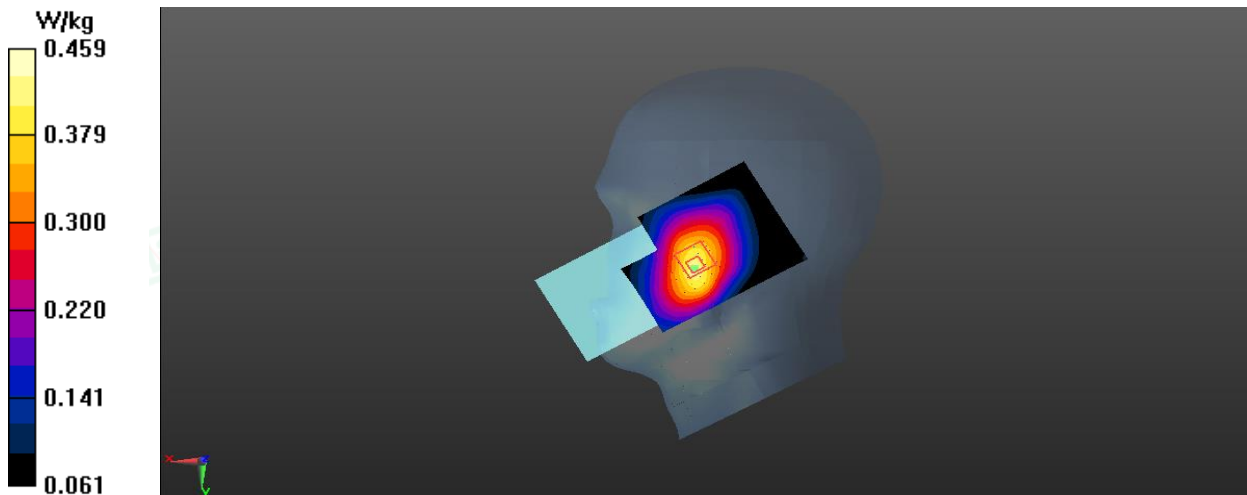
Configuration/Head /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.633 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.507 W/kg

SAR(1 g) = 0.381 W/kg; SAR(10 g) = 0.298 W/kg

Maximum value of SAR (measured) = 0.459 W/kg



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Scan code to check authenticity



Date: 2025/9/24

Test Laboratory: LCS-SAR Lab

LTE B5 10M QPSK 20525CH 1RB0 Rear side 0mm

DUT: Rugged Handheld Computer ; Type: EA530 UHF ; Serial: A250901020-1

Communication System: UID 0, LTE-TDD (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 836.5$ MHz; $\sigma = 0.904$ S/m; $\epsilon_r = 42.079$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.08, 9.08, 9.08); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Body /Area Scan (10x15x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.671 W/kg

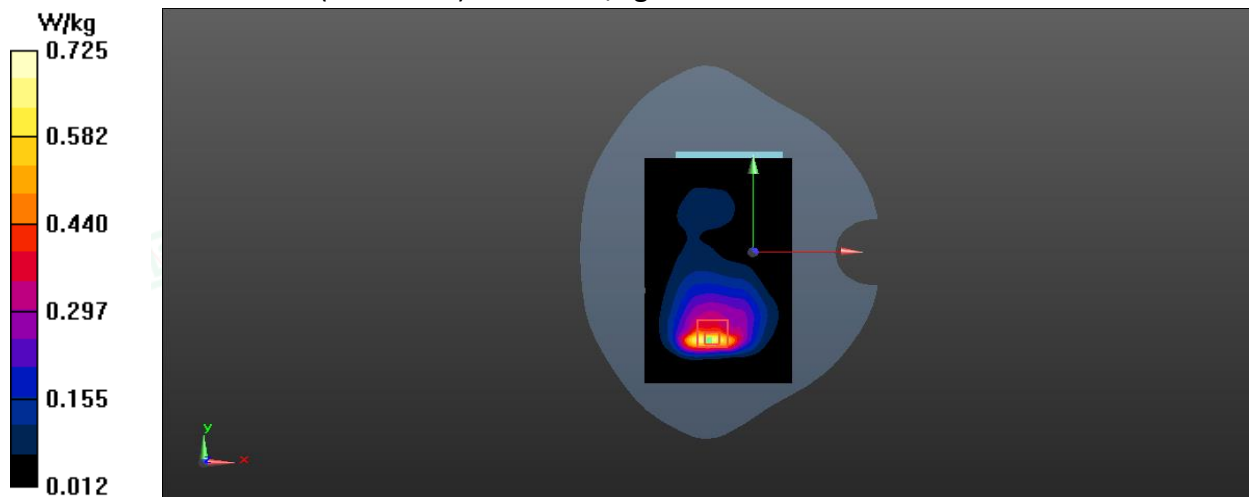
Configuration/ Body /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.353 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.455 W/kg; SAR(10 g) = 0.243 W/kg

Maximum value of SAR (measured) = 0.725 W/kg





Date: 2025/11/5

Test Laboratory: LCS-SAR Lab
LTE B7 20M QPSK 21100CH 1RB99 Right Cheek

DUT: Rugged Handheld Computer ; Type: EA530 UHF ; Serial: A250901020-1

Communication System: UID 0, LTE-FDD (0); Frequency: 2535.5 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2535.5$ MHz; $\sigma = 1.968$ S/m; $\epsilon_r = 39.394$; $\rho = 1000$ kg/m³
Phantom section: Right Section

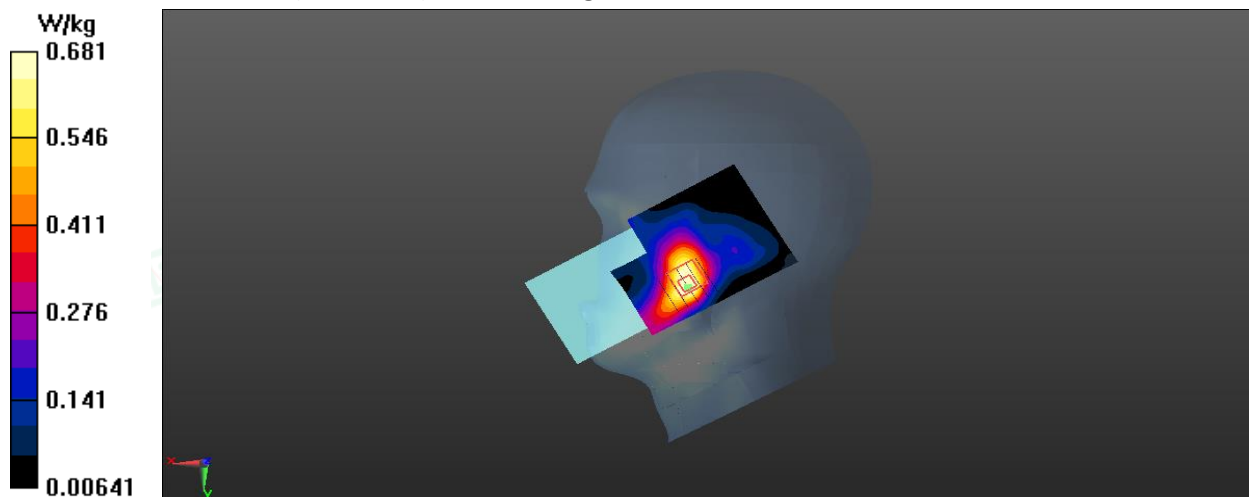
DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.25, 7.25, 7.25); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head /Area Scan (8x11x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.765 W/kg

Configuration/Head /Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.642 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.780 W/kg
SAR(1 g) = 0.508 W/kg; SAR(10 g) = 0.323 W/kg

Maximum value of SAR (measured) = 0.681 W/kg





Date: 2025/11/5

Test Laboratory: LCS-SAR Lab

LTE B7 20M QPSK 21100CH 1RB99 Rear side 0mm

DUT: Rugged Handheld Computer ; Type: EA530 UHF ; Serial: A250901020-1

Communication System: UID 0, LTE-FDD (0); Frequency: 2535.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535.5$ MHz; $\sigma = 1.968$ S/m; $\epsilon_r = 39.394$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.25, 7.25, 7.25); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Body /Area Scan (10x15x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.628 W/kg

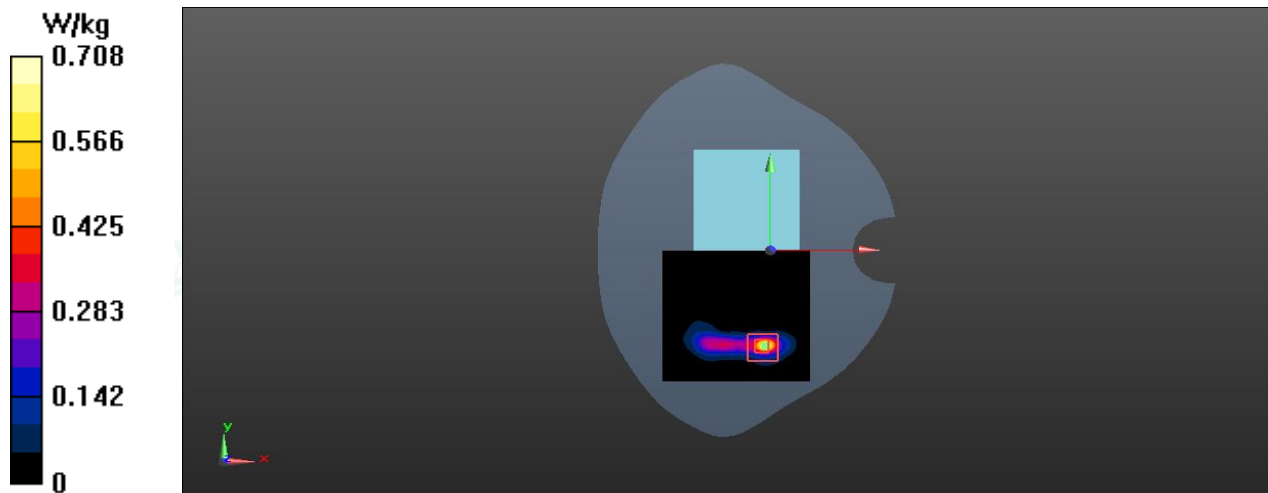
Configuration/ Body /Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.508 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.14 W/kg

SAR(1 g) = 0.478 W/kg; SAR(10 g) = 0.199 W/kg

Maximum value of SAR (measured) = 0.708 W/kg



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Date: 2025/9/22

Test Laboratory: LCS-SAR Lab
LTE B12 10M QPSK 23095CH 1RB0 Right Cheek

DUT: Rugged Handheld Computer ; Type: EA530 UHF ; Serial: A250901020-1

Communication System: UID 0, LTE-FDD (0); Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.914$ S/m; $\epsilon_r = 42.763$; $\rho = 1000$ kg/m³
Phantom section: Right Section

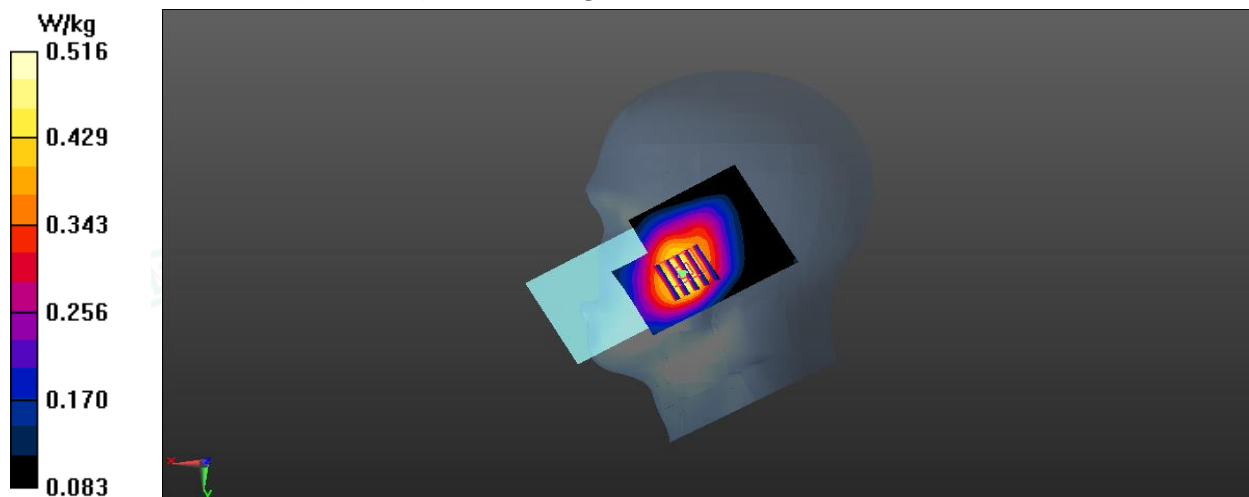
DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.48, 9.48, 9.48); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head /Area Scan (8x11x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.495 W/kg

Configuration/Head /Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.991 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.567 W/kg
SAR(1 g) = 0.433 W/kg; SAR(10 g) = 0.343 W/kg

Maximum value of SAR (measured) = 0.516 W/kg





Date: 2025/9/22

Test Laboratory: LCS-SAR Lab

LTE B12 10M QPSK 23095CH 1RB0 Rear side 0mm

DUT: Rugged Handheld Computer ; Type: EA530 UHF ; Serial: A250901020-1

Communication System: UID 0, LTE-FDD (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.914$ S/m; $\epsilon_r = 42.763$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.48, 9.48, 9.48); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Body /Area Scan (10x15x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.746 W/kg

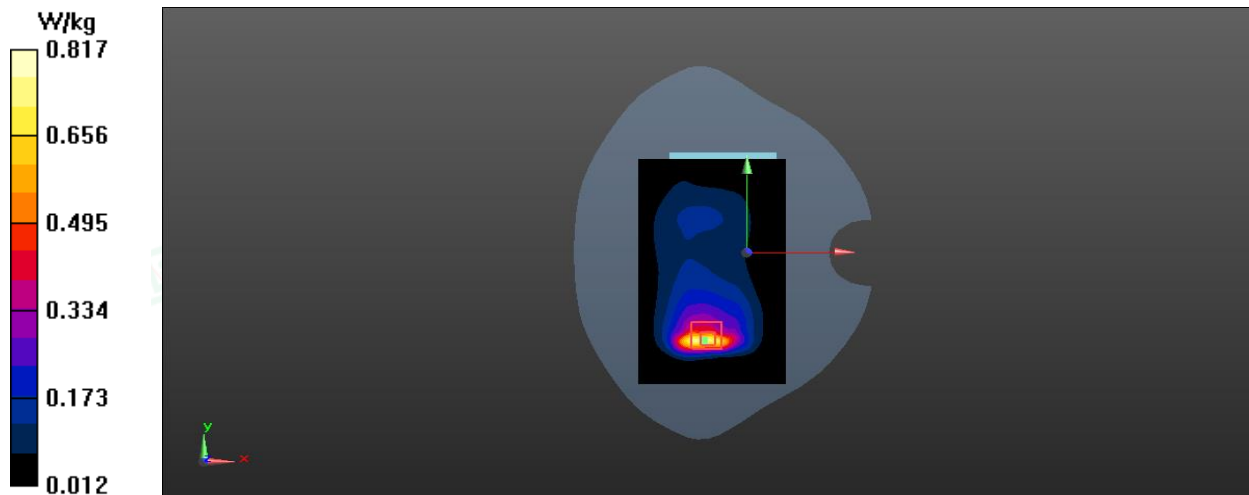
Configuration/ Body /Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.998 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.23 W/kg

SAR(1 g) = 0.502 W/kg; SAR(10 g) = 0.268 W/kg

Maximum value of SAR (measured) = 0.817 W/kg



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Date: 2025/11/5

Test Laboratory: LCS-SAR Lab

LTE B41 20M QPSK 40620CH 1RB99 Right Cheek**DUT: Rugged Handheld Computer ; Type: EA530 UHF ; Serial: A250901020-1**

Communication System: UID 0, LTE-TDD (0); Frequency: 2593 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2593$ MHz; $\sigma = 1.962$ S/m; $\epsilon_r = 39.176$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.25, 7.25, 7.25); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head /Area Scan (10x14x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.207 W/kg

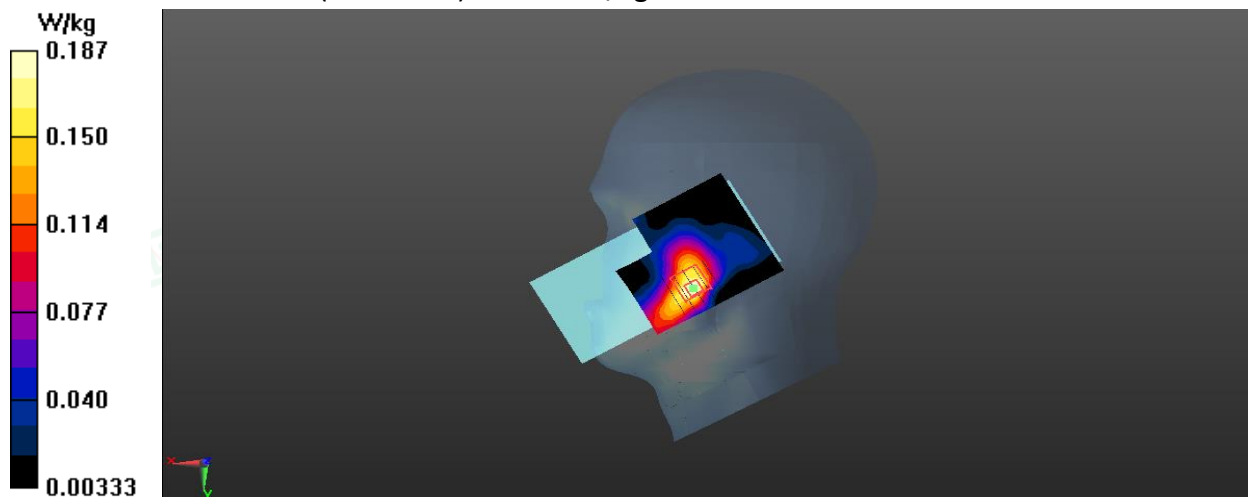
Configuration/Head /Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.029 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.219 W/kg

SAR(1 g) = 0.140 W/kg; SAR(10 g) = 0.085 W/kg

Maximum value of SAR (measured) = 0.187 W/kg



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Date:2025/11/5

Test Laboratory: LCS-SAR Lab

LTE B41 20M QPSK 40620CH 1RB99 Rear side 0mm

DUT: Rugged Handheld Computer ; Type: EA530 UHF ; Serial: A250901020-1

Communication System: UID 0, LTE-TDD (0); Frequency: 2593 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2593$ MHz; $\sigma = 1.962$ S/m; $\epsilon_r = 39.176$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.25, 7.25, 7.25); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Body /Area Scan (10x15x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.565 W/kg

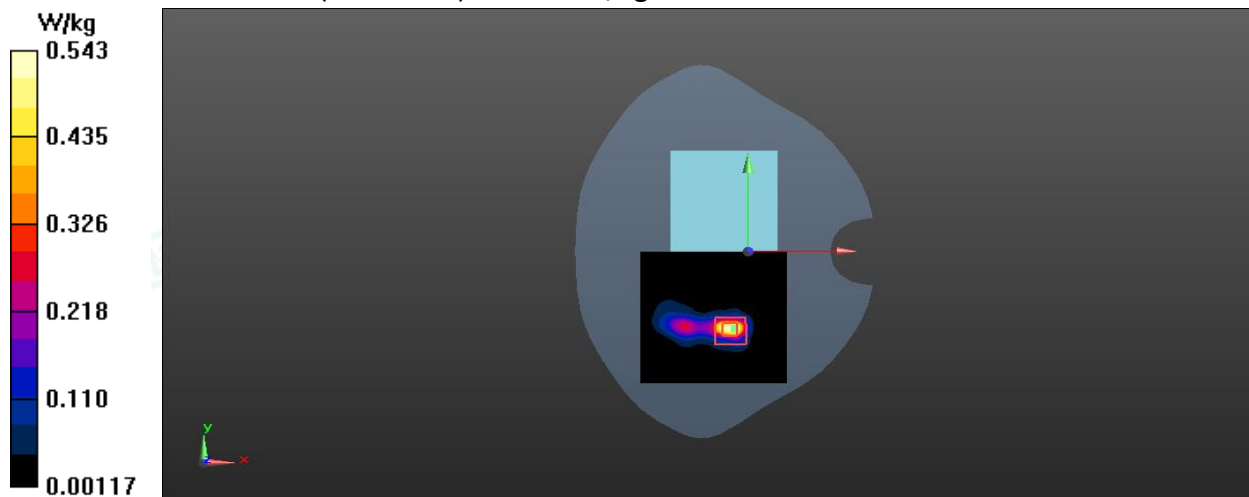
Configuration/ Body /Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.668 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.733 W/kg

SAR(1 g) = 0.329 W/kg; SAR(10 g) = 0.129 W/kg

Maximum value of SAR (measured) = 0.543 W/kg



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Date: 2025/9/28

Test Laboratory: LCS-SAR Lab

LTE B66 20M QPSK 132072CH 1RB0 Right Cheek**DUT: Rugged Handheld Computer ; Type: EA530 UHF ; Serial: A250901020-1**

Communication System: UID 0, WCDMA (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1720$ MHz; $\sigma = 1.403$ S/m; $\epsilon_r = 40.657$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(8.14, 8.14, 8.14); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head /Area Scan (61x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0839 W/kg

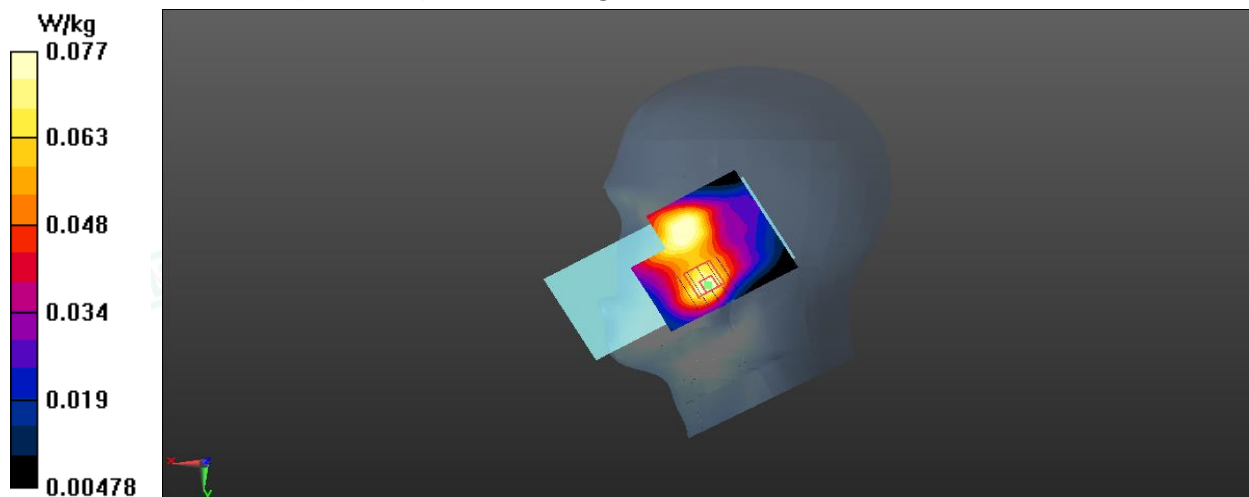
Configuration/Head /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.294 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.0900 W/kg

SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.043 W/kg

Maximum value of SAR (measured) = 0.0770 W/kg



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Date: 2025/9/28

Test Laboratory: LCS-SAR Lab

LTE B66 20M QPSK 132072CH 1RB0 Rear side 0mm

DUT: Rugged Handheld Computer ; Type: EA530 UHF ; Serial: A250901020-1

Communication System: UID 0, WCDMA (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium parameters used : $f = 1720$ MHz; $\sigma = 1.403$ S/m; $\epsilon_r = 40.657$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(8.14, 8.14, 8.14); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Body /Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.737 W/kg

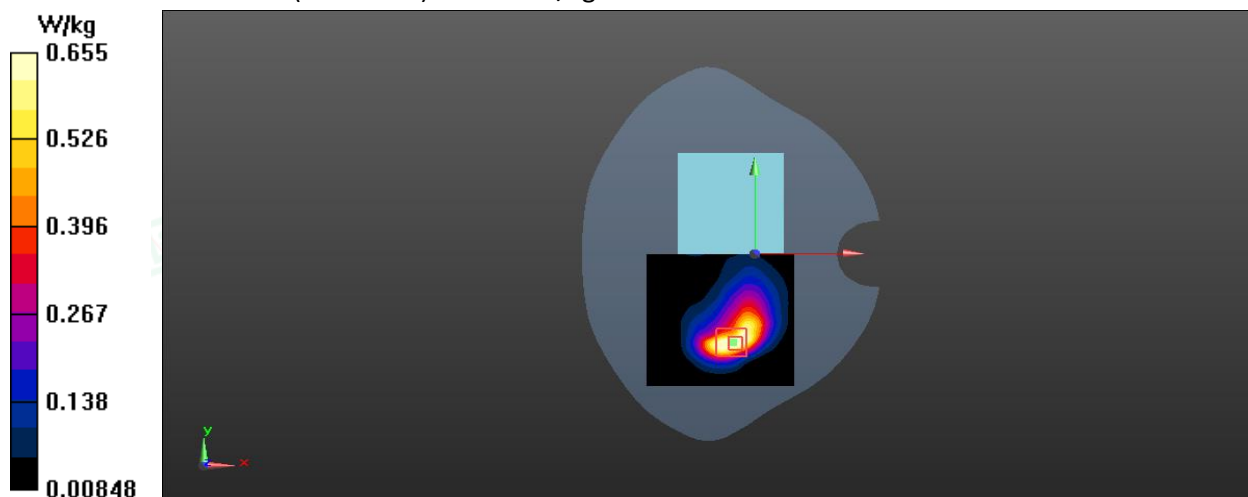
Configuration/ Body /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.932 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.453 W/kg; SAR(10 g) = 0.244 W/kg

Maximum value of SAR (measured) = 0.655 W/kg



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Date: 2025/11/3

Test Laboratory: LCS-SAR Lab
WIFI 2.4G 802.11b 1CH Right Cheek Ant0

DUT: Rugged Handheld Computer ; Type: EA530 UHF ; Serial: A250901020-1

Communication System: UID 0, WIFI 2.4GHz (0); Frequency: 2412 MHz; Duty Cycle: 1:1.009
Medium parameters used: $f = 2412$ MHz; $\sigma = 1.804$ S/m; $\epsilon_r = 38.926$; $\rho = 1000$ kg/m³
Phantom section: Right Section

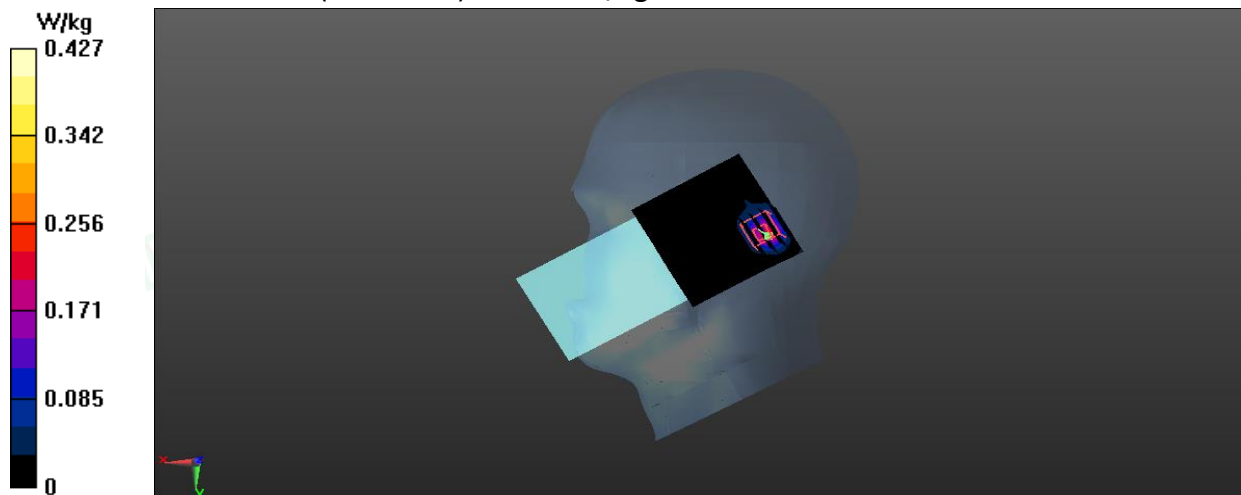
DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.43, 7.43, 7.43); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head /Area Scan (10x14x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.467 W/kg

Configuration/Head /Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.586 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.602 W/kg
SAR(1 g) = 0.243 W/kg; SAR(10 g) = 0.145 W/kg

Maximum value of SAR (measured) = 0.427 W/kg





Date: 2025/11/3

Test Laboratory: LCS-SAR Lab

WIFI 2.4G 802.11b 1CH Rear side 0mm Ant0**DUT: Rugged Handheld Computer ; Type: EA530 UHF ; Serial: A250901020-1**

Communication System: UID 0, WIFI 2.4GHz (0); Frequency: 2412 MHz; Duty Cycle: 1:1.009

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.804$ S/m; $\epsilon_r = 38.926$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.43, 7.43, 7.43); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Body /Area Scan (10x15x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.562 W/kg

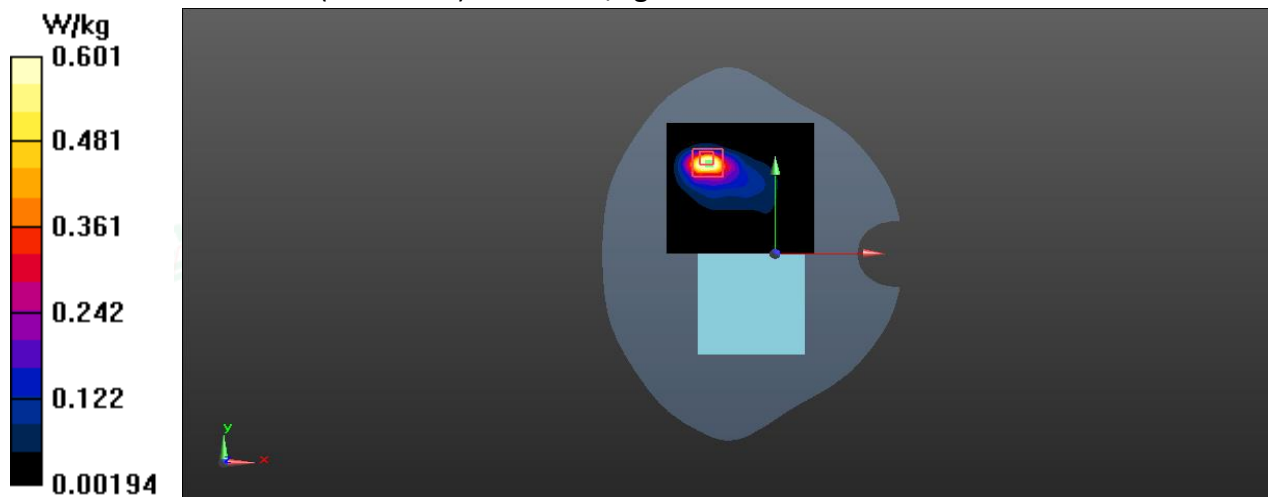
Configuration/ Body /Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.692 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.718 W/kg

SAR(1 g) = 0.324 W/kg; SAR(10 g) = 0.206 W/kg

Maximum value of SAR (measured) = 0.601 W/kg



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Date:2025/11/3

Test Laboratory: LCS-SAR Lab
WIFI 2.4G 802.11b 1CH Right Cheek Ant1

DUT: Rugged Handheld Computer ; Type: EA530 UHF ; Serial: A250901020-1

Communication System: UID 0, WIFI 2.4GHz (0); Frequency: 2412 MHz;Duty Cycle: 1:1.009
Medium parameters used: $f = 2412$ MHz; $\sigma = 1.804$ S/m; $\epsilon_r = 38.926$; $\rho = 1000$ kg/m³
Phantom section: Right Section

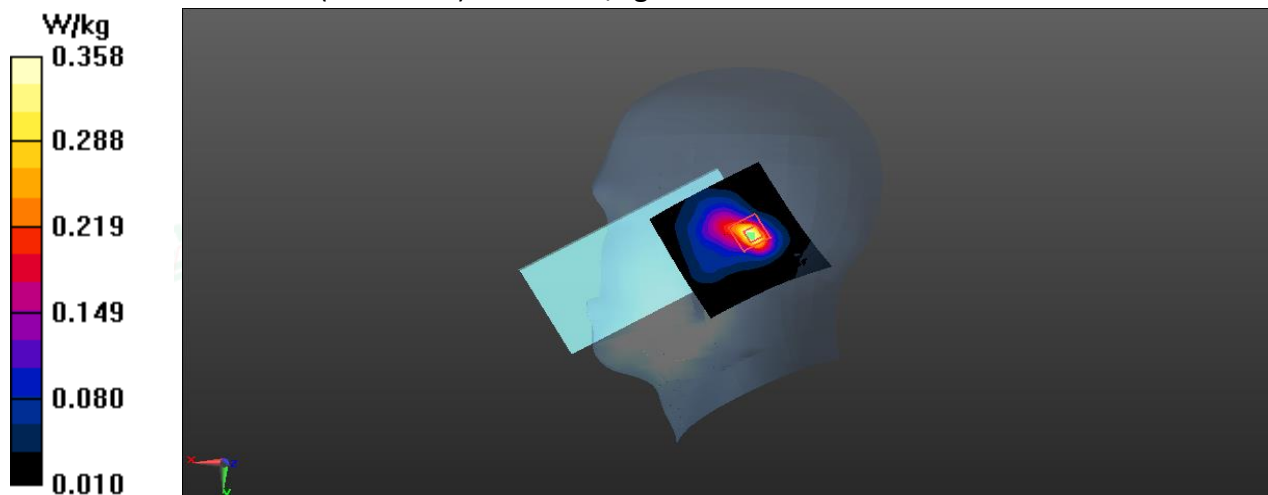
DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.43, 7.43, 7.43); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head /Area Scan (10x14x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.389 W/kg

Configuration/Head /Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.486 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.469 W/kg
SAR(1 g) = 0.179 W/kg; SAR(10 g) = 0.094 W/kg

Maximum value of SAR (measured) = 0.358 W/kg





Date: 2025/11/3

Test Laboratory: LCS-SAR Lab
WIFI 2.4G 802.11b 1CH Rear side 0mm Ant1

DUT: Rugged Handheld Computer ; Type: EA530 UHF ; Serial: A250901020-1

Communication System: UID 0, WIFI 2.4GHz (0); Frequency: 2412 MHz; Duty Cycle: 1:1.009
Medium parameters used: $f = 2412$ MHz; $\sigma = 1.804$ S/m; $\epsilon_r = 38.926$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

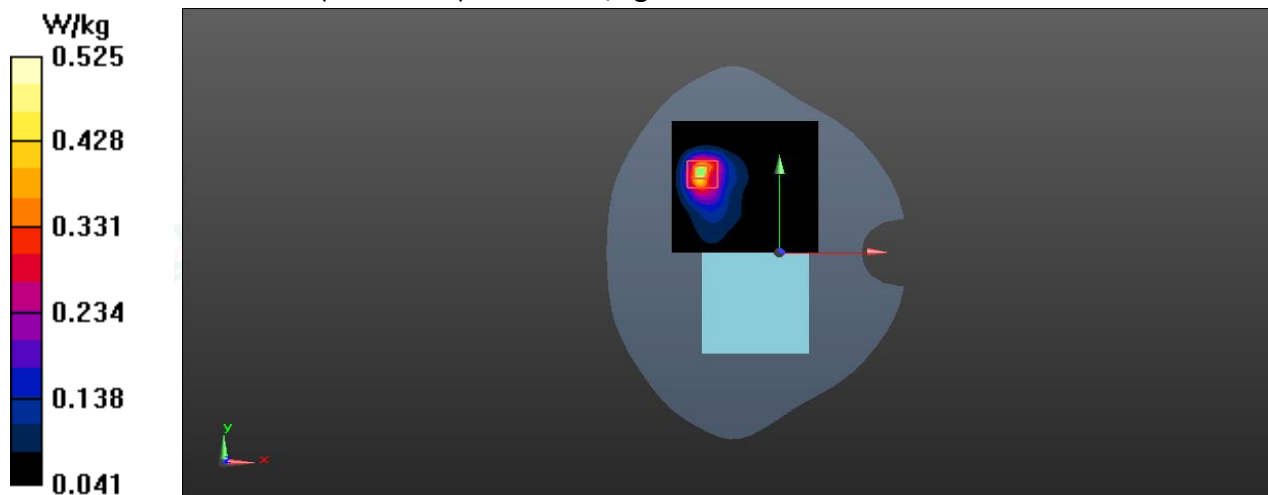
DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.43, 7.43, 7.43); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Body /Area Scan (10x15x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.583 W/kg

Configuration/ Body /Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.539 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.679 W/kg
SAR(1 g) = 0.297 W/kg; SAR(10 g) = 0.173 W/kg

Maximum value of SAR (measured) = 0.525 W/kg





Test Laboratory: LCS-SAR Lab

Date: 2025/11/6

WIFI 5.2G 802.11a 40CH Right Cheek Ant0**DUT: Rugged Handheld Computer ; Type: EA530 UHF ; Serial: A250901020-1**

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5200 MHz; Duty Cycle: 1:1.058

Medium parameters used: $f = 5200$ MHz; $\sigma = 4.573$ S/m; $\epsilon_r = 35.557$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(5.36, 5.36, 5.36); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head /Area Scan (11x17x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.296 W/kg

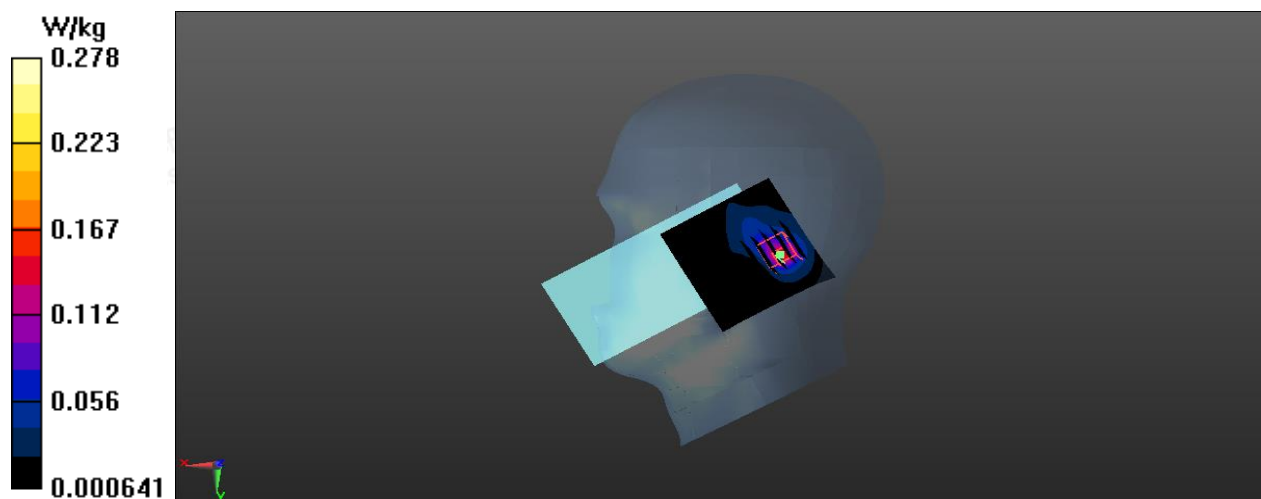
Configuration/Head /Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.537 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.417 W/kg

SAR(1 g) = 0.164 W/kg; SAR(10 g) = 0.096 W/kg

Maximum value of SAR (measured) = 0.278 W/kg



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Scan code to check authenticity



Date: 2025/11/6

Test Laboratory: LCS-SAR Lab

WIFI 5.2G 802.11a 40CH Rear side 0mm Ant0**DUT: Rugged Handheld Computer ; Type: EA530 UHF ; Serial: A250901020-1**

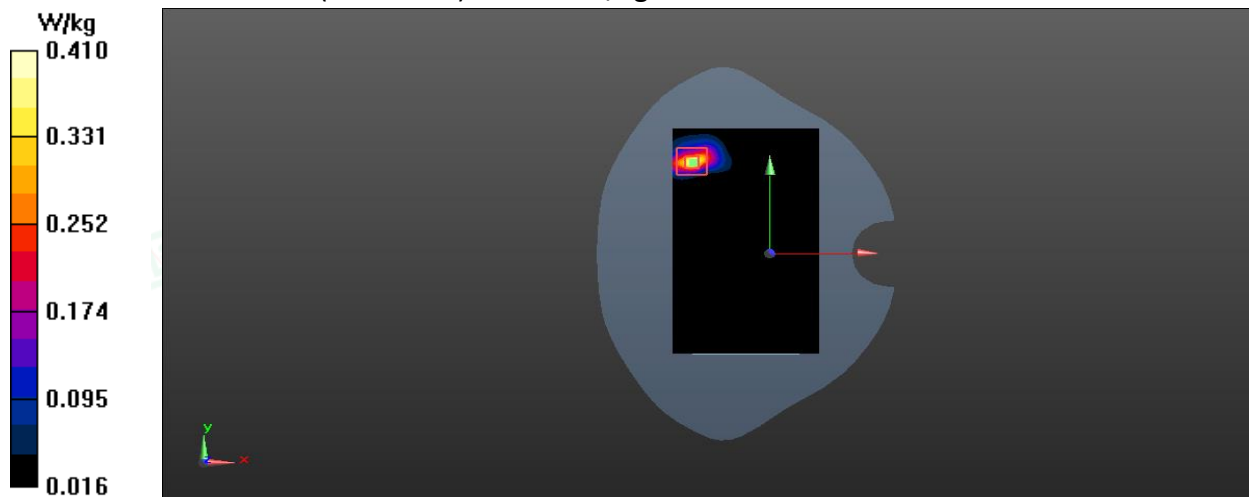
Communication System: UID 0, WIFI 5GHz (0); Frequency: 5200 MHz; Duty Cycle: 1:1.058

Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 4.573 \text{ S/m}$; $\epsilon_r = 35.557$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(5.36, 5.36, 5.36); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Body /Area Scan (11x18x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (measured) = 0.458 W/kg **Configuration/ Body /Zoom Scan (7x7x12)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$ Reference Value = 7.964 V/m ; Power Drift = -0.15 dB Peak SAR (extrapolated) = 0.594 W/kg **SAR(1 g) = 0.234 W/kg ; SAR(10 g) = 0.171 W/kg** Maximum value of SAR (measured) = 0.410 W/kg 

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Scan code to check authenticity



Date: 2025/11/6

Test Laboratory: LCS-SAR Lab

WIFI 5.2G 802.11a 36CH Right Cheek Ant1**DUT: Rugged Handheld Computer ; Type: EA530 UHF ; Serial: A250901020-1**

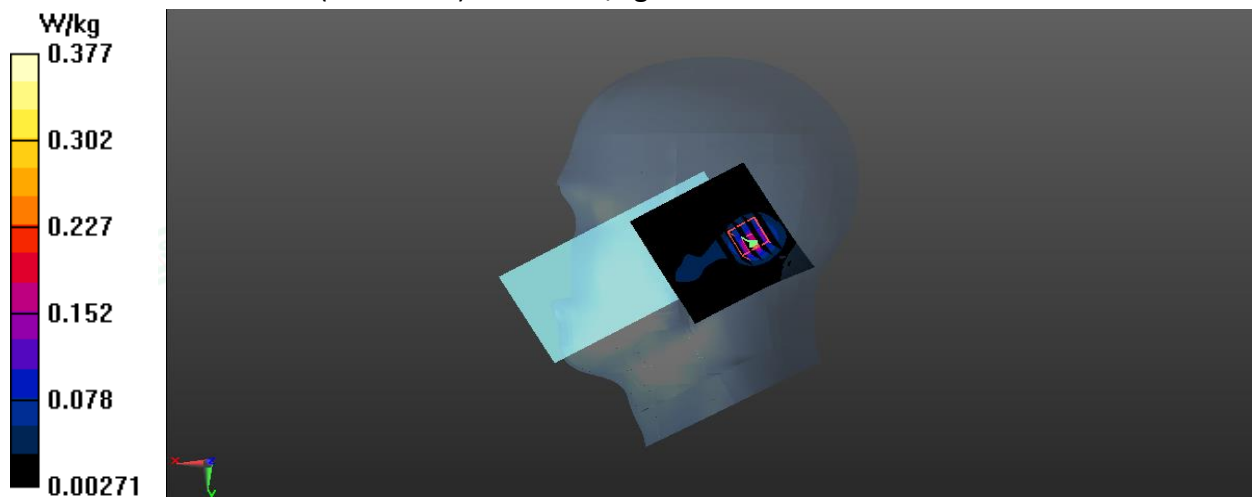
Communication System: UID 0, WIFI 5GHz (0); Frequency: 5180 MHz; Duty Cycle: 1:1.058

Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 4.568 \text{ S/m}$; $\epsilon_r = 35.549$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(5.36, 5.36, 5.36); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head /Area Scan (11x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (measured) = 0.398 W/kg **Configuration/Head /Zoom Scan (7x7x12)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$ Reference Value = 4.394 V/m ; Power Drift = 0.06 dB Peak SAR (extrapolated) = 0.468 W/kg **SAR(1 g) = 0.174 W/kg ; SAR(10 g) = 1.01 W/kg** Maximum value of SAR (measured) = 0.377 W/kg 

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Date: 2025/11/6

Test Laboratory: LCS-SAR Lab

WIFI 5.2G 802.11a 36CH Rear side 0mm Ant1**DUT: Rugged Handheld Computer ; Type: EA530 UHF ; Serial: A250901020-1**

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5180 MHz; Duty Cycle: 1:1.058

Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 4.568 \text{ S/m}$; $\epsilon_r = 35.549$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(5.36, 5.36, 5.36); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Body /Area Scan (11x18x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.573 W/kg

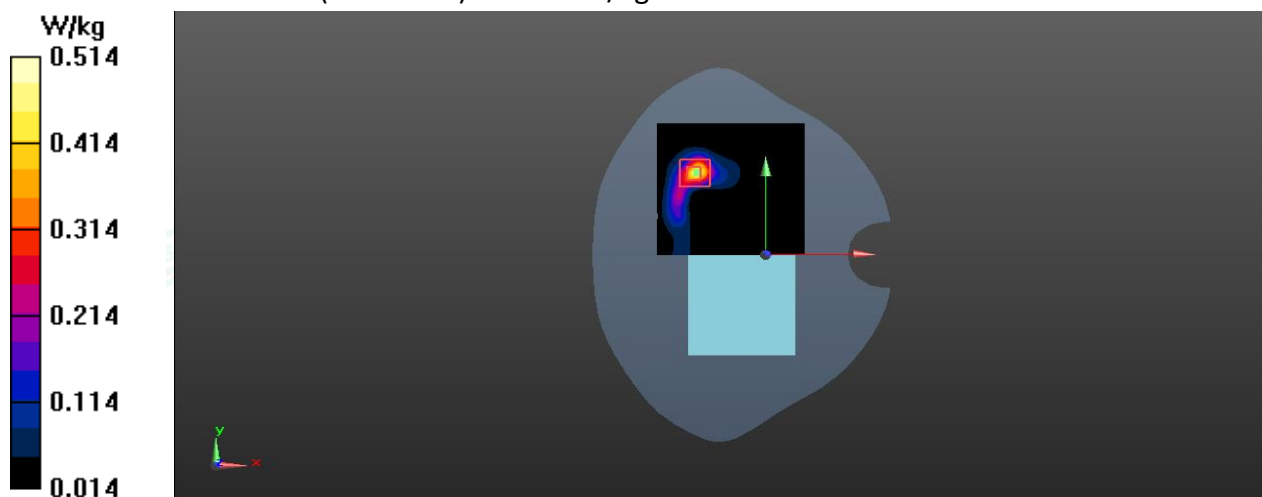
Configuration/ Body /Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 5.682 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.588 W/kg

SAR(1 g) = 0.215 W/kg; SAR(10 g) = 0.124 W/kg

Maximum value of SAR (measured) = 0.514 W/kg



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Date: 2025/11/6

Test Laboratory: LCS-SAR Lab

WIFI 5.3G 802.11a 52CH Right Cheek Ant0**DUT: Rugged Handheld Computer ; Type: EA530 UHF ; Serial: A250901020-1**

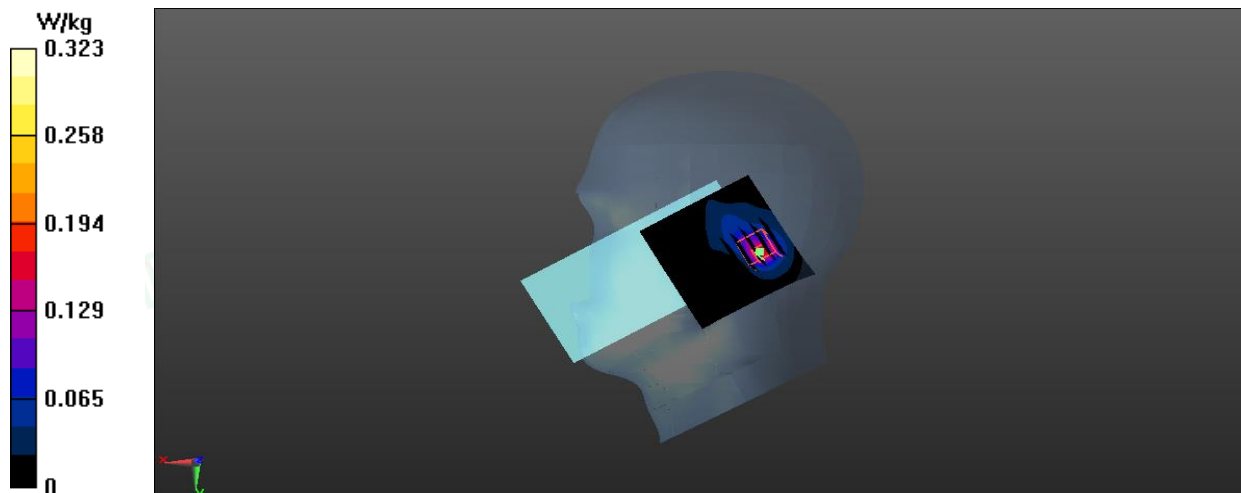
Communication System: UID 0, WIFI 5GHz (0); Frequency: 5260 MHz; Duty Cycle: 1:1.058

Medium parameters used: $f = 5260 \text{ MHz}$; $\sigma = 4.597 \text{ S/m}$; $\epsilon_r = 35.764$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(5.36, 5.36, 5.36); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head /Area Scan (11x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (measured) = 0.366 W/kg **Configuration/Head /Zoom Scan (7x7x12)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$ Reference Value = 6.328 V/m ; Power Drift = -0.10 dB Peak SAR (extrapolated) = 0.468 W/kg **SAR(1 g) = 0.188 W/kg ; SAR(10 g) = 1.05 W/kg** Maximum value of SAR (measured) = 0.323 W/kg 

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Date: 2025/11/6

Test Laboratory: LCS-SAR Lab

WIFI 5.3G 802.11a 52CH Rear side 0mm Ant0**DUT: Rugged Handheld Computer ; Type: EA530 UHF ; Serial: A250901020-1**

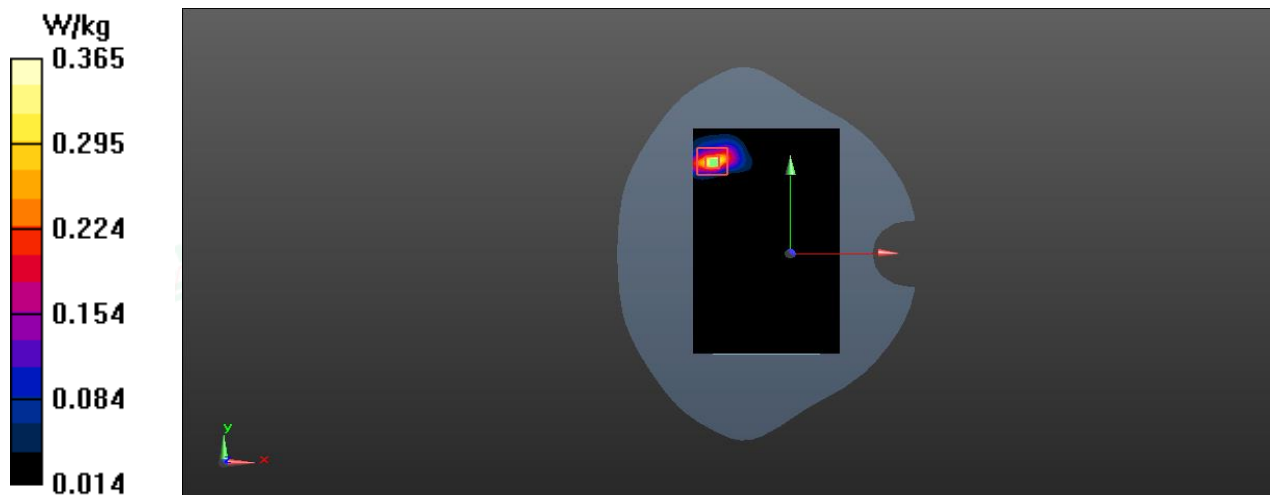
Communication System: UID 0, WIFI 5GHz (0); Frequency: 5260 MHz; Duty Cycle: 1:1.058

Medium parameters used: $f = 5260 \text{ MHz}$; $\sigma = 4.597 \text{ S/m}$; $\epsilon_r = 35.764$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(5.36, 5.36, 5.36); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Body /Area Scan (11x18x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (measured) = 0.396 W/kg **Configuration/ Body /Zoom Scan (7x7x12)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$ Reference Value = 4.259 V/m ; Power Drift = -0.18 dB Peak SAR (extrapolated) = 0.537 W/kg **SAR(1 g) = 0.202 W/kg ; SAR(10 g) = 0.132 W/kg** Maximum value of SAR (measured) = 0.365 W/kg 

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Date: 2025/11/6

Test Laboratory: LCS-SAR Lab

WIFI 5.3G 802.11a 52CH Right Cheek Ant1**DUT: Rugged Handheld Computer ; Type: EA530 UHF ; Serial: A250901020-1**

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5260 MHz; Duty Cycle: 1:1.058

Medium parameters used: $f = 5260 \text{ MHz}$; $\sigma = 4.597 \text{ S/m}$; $\epsilon_r = 35.764$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(5.36, 5.36, 5.36); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head /Area Scan (11x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.273 W/kg

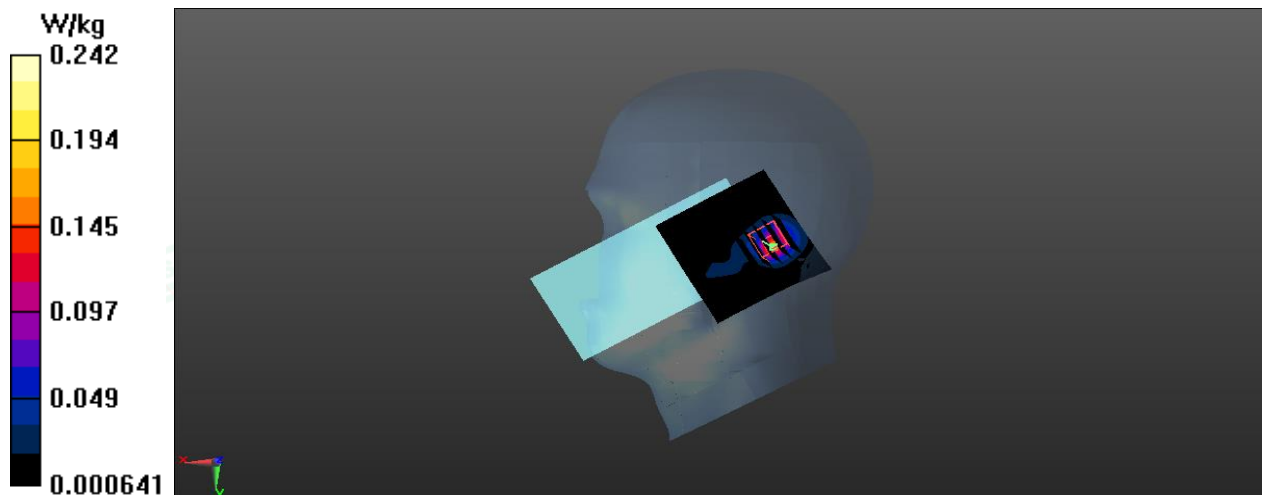
Configuration/Head /Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 4.538 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.308 W/kg

SAR(1 g) = 0.155 W/kg; SAR(10 g) = 0.087 W/kg

Maximum value of SAR (measured) = 0.242 W/kg



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Date: 2025/11/6

Test Laboratory: LCS-SAR Lab

WIFI 5.3G 802.11a 52CH Rear side 0mm Ant1**DUT: Rugged Handheld Computer ; Type: EA530 UHF ; Serial: A250901020-1**

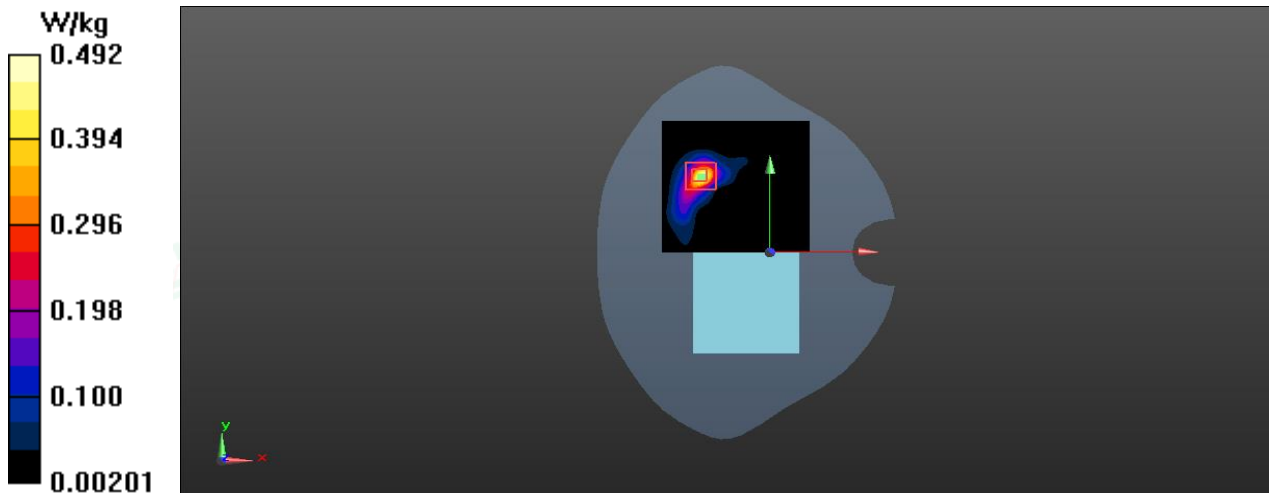
Communication System: UID 0, WIFI 5GHz (0); Frequency: 5260 MHz; Duty Cycle: 1:1.058

Medium parameters used: $f = 5260 \text{ MHz}$; $\sigma = 4.597 \text{ S/m}$; $\epsilon_r = 35.764$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(5.36, 5.36, 5.36); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Body /Area Scan (11x18x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (measured) = 0.463 W/kg **Configuration/ Body /Zoom Scan (7x7x12)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$ Reference Value = 5.353 V/m ; Power Drift = -0.02 dB Peak SAR (extrapolated) = 0.568 W/kg **SAR(1 g) = 0.234 W/kg ; SAR(10 g) = 0.129 W/kg** Maximum value of SAR (measured) = 0.492 W/kg 

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Date: 2025/11/6

Test Laboratory: LCS-SAR Lab

WIFI 5.5G 802.11a 100CH Right Cheek Ant0**DUT: Rugged Handheld Computer ; Type: EA530 UHF ; Serial: A250901020-1**

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5500 MHz; Duty Cycle: 1:1.058

Medium parameters used: $f = 5500 \text{ MHz}$; $\sigma = 5.013 \text{ S/m}$; $\epsilon_r = 35.794$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(4.74, 4.74, 4.74); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Head /Area Scan (11x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.246 W/kg

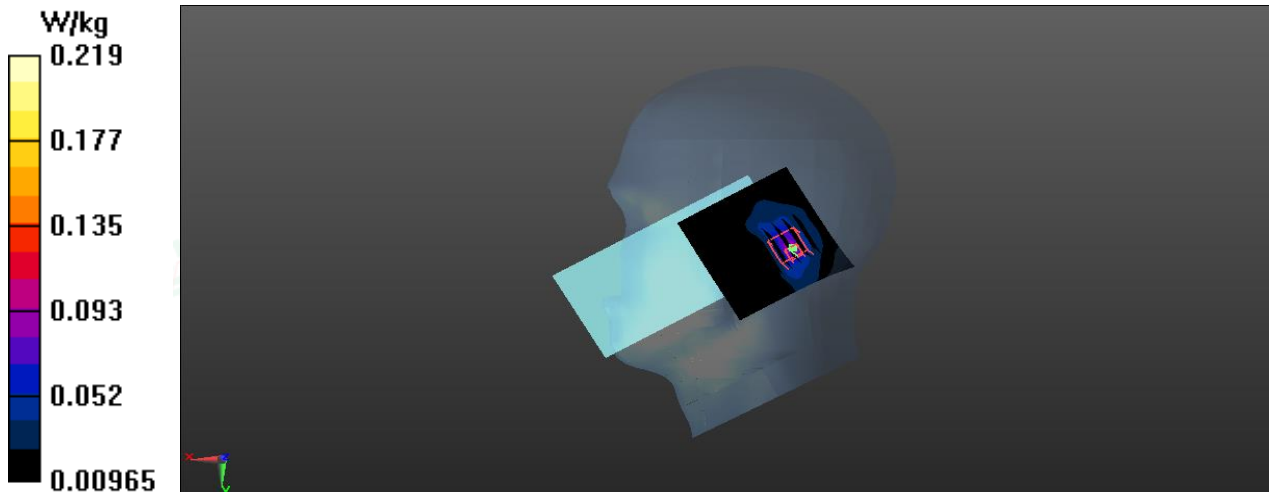
Configuration/Head/Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 4.841 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.359 W/kg

SAR(1 g) = 0.159 W/kg; SAR(10 g) = 0.088 W/kg

Maximum value of SAR (measured) = 0.219 W/kg



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Date: 2025/11/6

Test Laboratory: LCS-SAR Lab

WIFI 5.5G 802.11a 100CH Rear side 0mm Ant0**DUT: Rugged Handheld Computer ; Type: EA530 UHF ; Serial: A250901020-1**

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5500 MHz; Duty Cycle: 1:1.058

Medium parameters used: $f = 5500 \text{ MHz}$; $\sigma = 5.013 \text{ S/m}$; $\epsilon_r = 35.794$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(4.74, 4.74, 4.74); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Body /Area Scan (11x18x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.287 W/kg

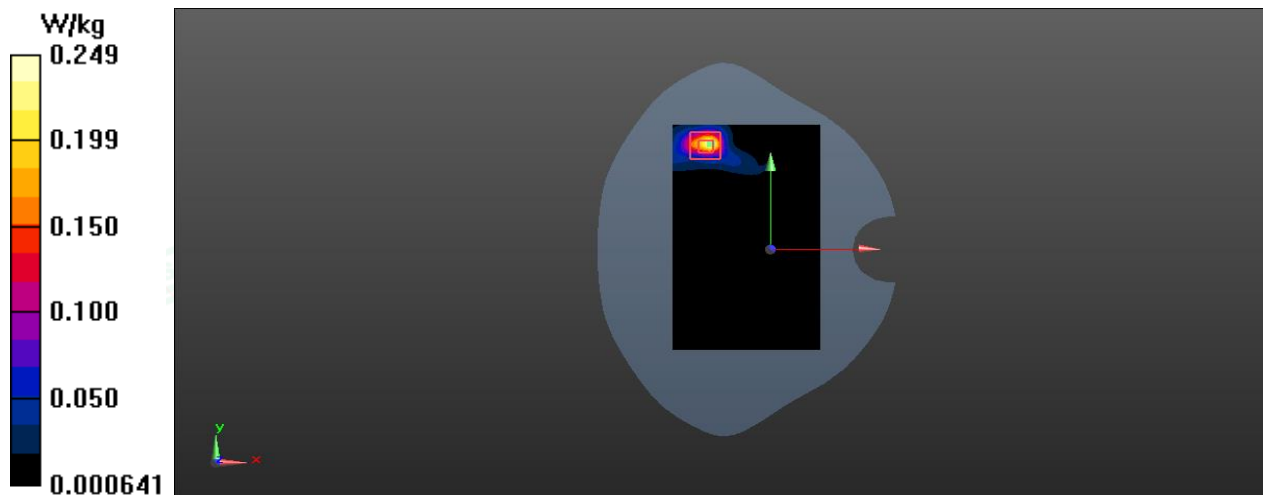
Configuration/Body/Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 3.589 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.466 W/kg

SAR(1 g) = 0.173 W/kg; SAR(10 g) = 0.092 W/kg

Maximum value of SAR (measured) = 0.249 W/kg



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Date: 2025/11/6

Test Laboratory: LCS-SAR Lab

WIFI 5.5G 802.11a 100CH Right Cheek Ant1**DUT: Rugged Handheld Computer ; Type: EA530 UHF ; Serial: A250901020-1**

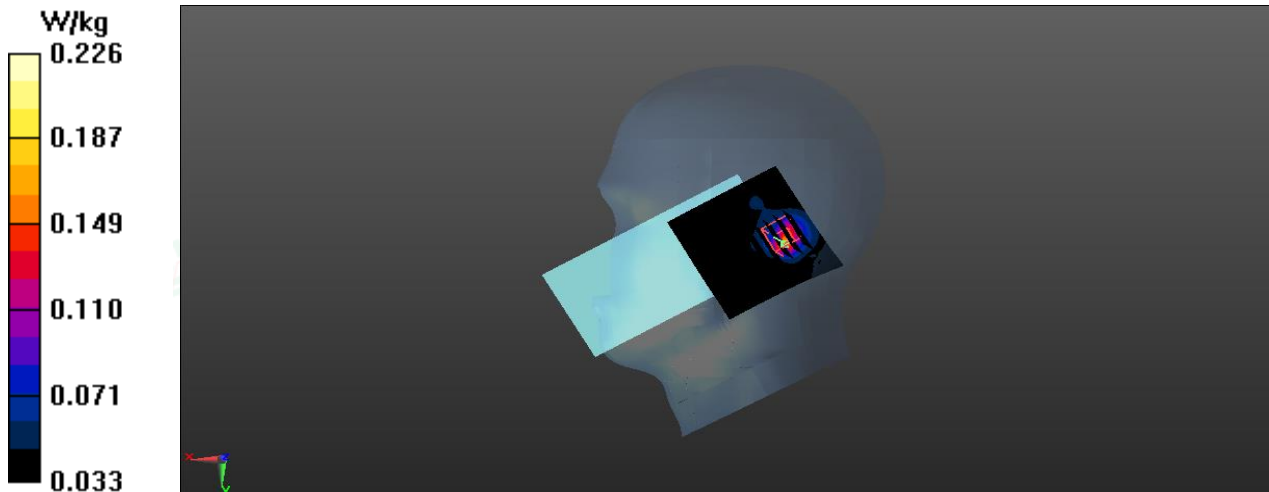
Communication System: UID 0, WIFI 5GHz (0); Frequency: 5500 MHz; Duty Cycle: 1:1.058

Medium parameters used: $f = 5500 \text{ MHz}$; $\sigma = 5.013 \text{ S/m}$; $\epsilon_r = 35.794$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(4.74, 4.74, 4.74); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Head /Area Scan (11x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (measured) = 0.275 W/kg **Configuration/Head/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$ Reference Value = 2.983 V/m ; Power Drift = -0.03 dB Peak SAR (extrapolated) = 0.343 W/kg **SAR(1 g) = 0.142 W/kg ; SAR(10 g) = 0.079 W/kg** Maximum value of SAR (measured) = 0.226 W/kg 

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Date: 2025/11/6

Test Laboratory: LCS-SAR Lab

WIFI 5.5G 802.11a 100CH Rear side 0mm Ant1**DUT: Rugged Handheld Computer ; Type: EA530 UHF ; Serial: A250901020-1**

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5500 MHz; Duty Cycle: 1:1.058

Medium parameters used: $f = 5500 \text{ MHz}$; $\sigma = 5.013 \text{ S/m}$; $\epsilon_r = 35.794$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(4.74, 4.74, 4.74); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Body /Area Scan (11x18x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.215 W/kg

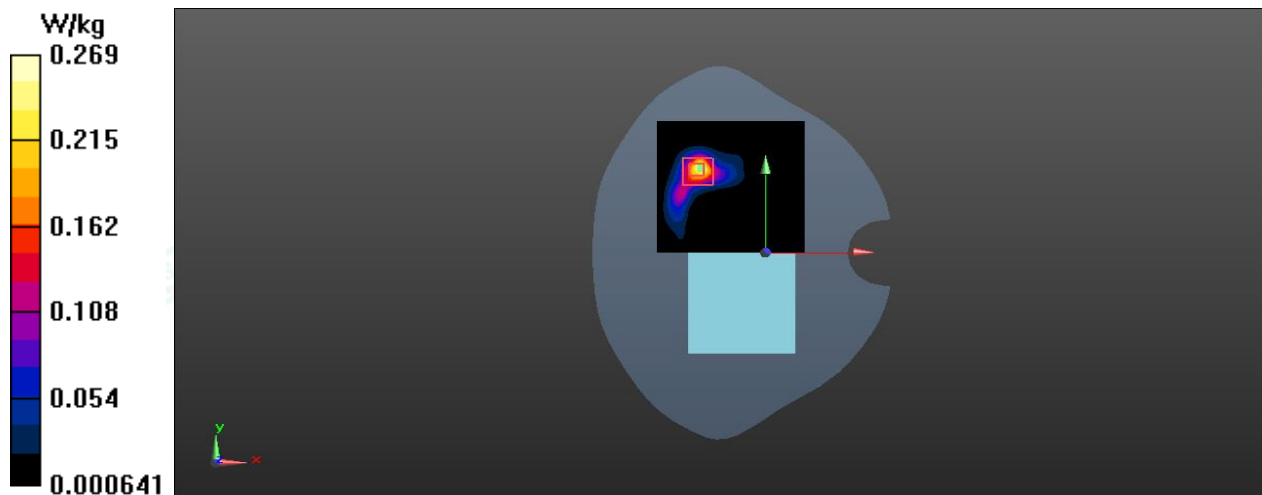
Configuration/Body/Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 5.283 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.411 W/kg

SAR(1 g) = 0.188 W/kg; SAR(10 g) = 0.101 W/kg

Maximum value of SAR (measured) = 0.269 W/kg



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Date: 2025/11/6

Test Laboratory: LCS-SAR Lab

WIFI 5.8G 802.11a 149CH Right Cheek Ant0**DUT: Rugged Handheld Computer ; Type: EA530 UHF ; Serial: A250901020-1**

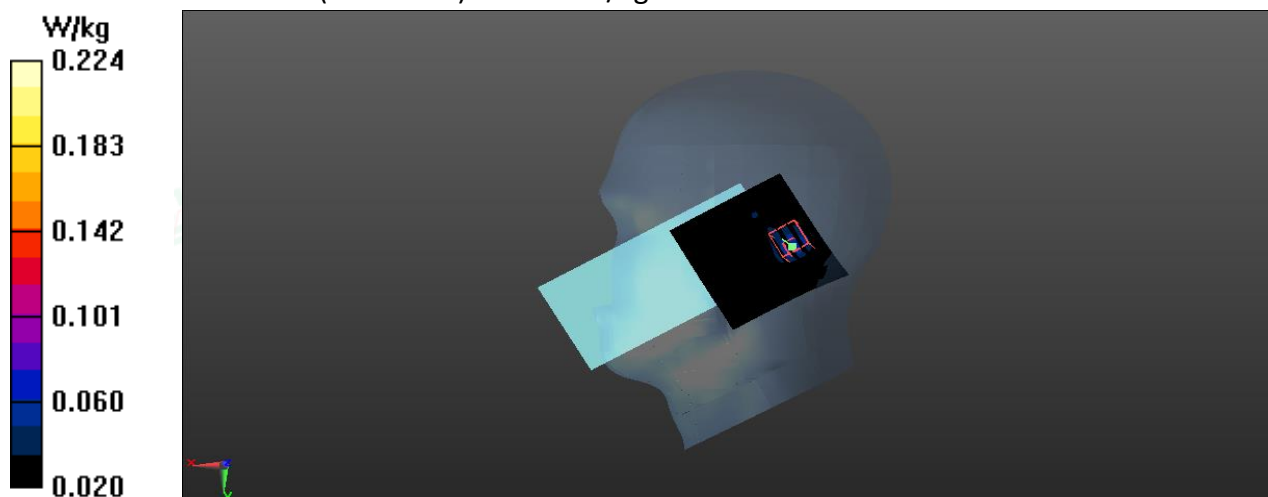
Communication System: UID 0, WIFI 5GHz (0); Frequency: 5745 MHz; Duty Cycle: 1:1.057

Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 5.312 \text{ S/m}$; $\epsilon_r = 35.948$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(4.86, 4.86, 4.86); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Head /Area Scan (11x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (measured) = 0.268 W/kg **Configuration/Head/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$ Reference Value = 3.269 V/m ; Power Drift = -0.12 dB Peak SAR (extrapolated) = 0.305 W/kg **SAR(1 g) = 0.132 W/kg ; SAR(10 g) = 0.076 W/kg** Maximum value of SAR (measured) = 0.224 W/kg 

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Scan code to check authenticity



Date: 2025/11/6

Test Laboratory: LCS-SAR Lab

WIFI 5.8G 802.11a 149CH Rear side 0mm Ant0**DUT: Rugged Handheld Computer ; Type: EA530 UHF ; Serial: A250901020-1**

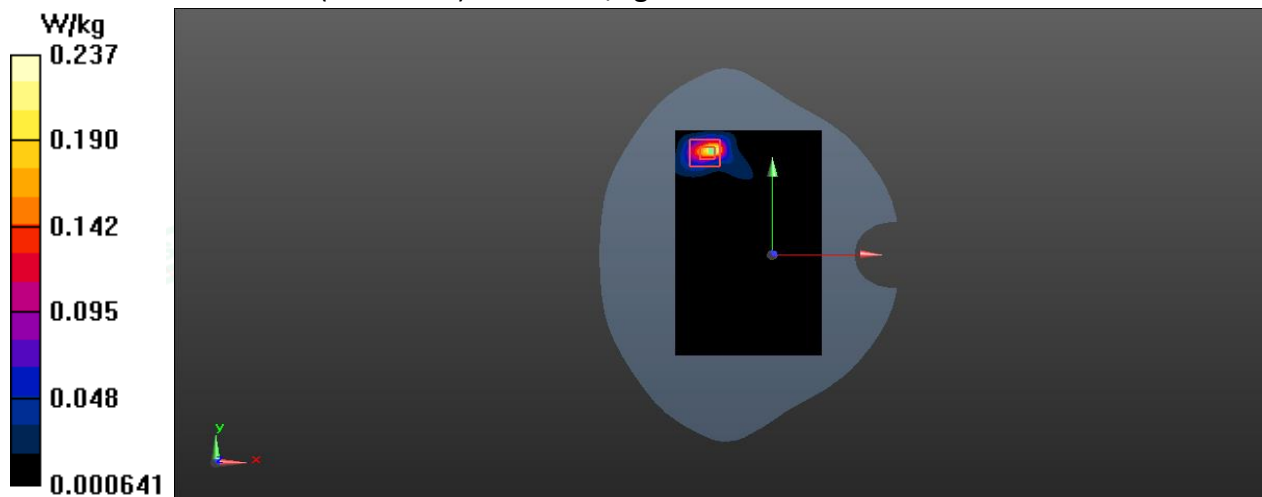
Communication System: UID 0, WIFI 5GHz (0); Frequency: 5745 MHz; Duty Cycle: 1:1.057

Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 5.312 \text{ S/m}$; $\epsilon_r = 35.948$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(4.86, 4.86, 4.86); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Body /Area Scan (11x18x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (measured) = 0.253 W/kg **Configuration/Body/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$ Reference Value = 2.592 V/m ; Power Drift = -0.14 dB Peak SAR (extrapolated) = 0.372 W/kg **SAR(1 g) = 0.162 W/kg ; SAR(10 g) = 0.091 W/kg** Maximum value of SAR (measured) = 0.237 W/kg 

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Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity



Date: 2025/11/6

Test Laboratory: LCS-SAR Lab

WIFI 5.8G 802.11a 149CH Right Cheek Ant1**DUT: Rugged Handheld Computer ; Type: EA530 UHF ; Serial: A250901020-1**

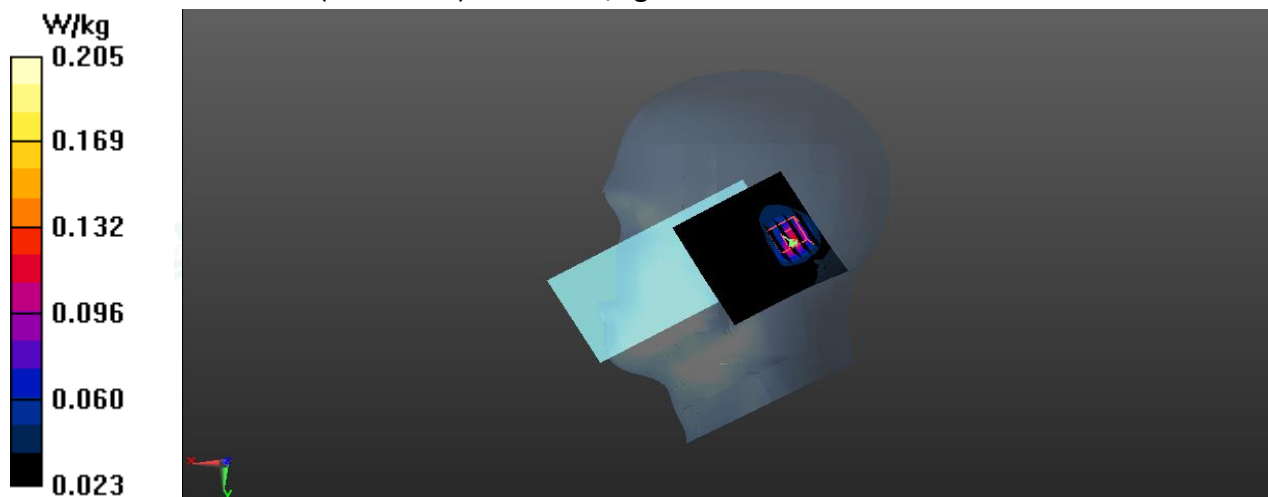
Communication System: UID 0, WIFI 5GHz (0); Frequency: 5745 MHz; Duty Cycle: 1:1.058

Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 5.312 \text{ S/m}$; $\epsilon_r = 35.948$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(4.86, 4.86, 4.86); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Head /Area Scan (11x17x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (measured) = 0.248 W/kg **Configuration/Head/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$ Reference Value = 1.843 V/m ; Power Drift = -0.11 dB Peak SAR (extrapolated) = 0.294 W/kg **SAR(1 g) = 0.137 W/kg ; SAR(10 g) = 0.079 W/kg** Maximum value of SAR (measured) = 0.205 W/kg 

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Date: 2025/11/6

Test Laboratory: LCS-SAR Lab

WIFI 5.8G 802.11a 149CH Rear side 0mm Ant1**DUT: Rugged Handheld Computer ; Type: EA530 UHF ; Serial: A250901020-1**

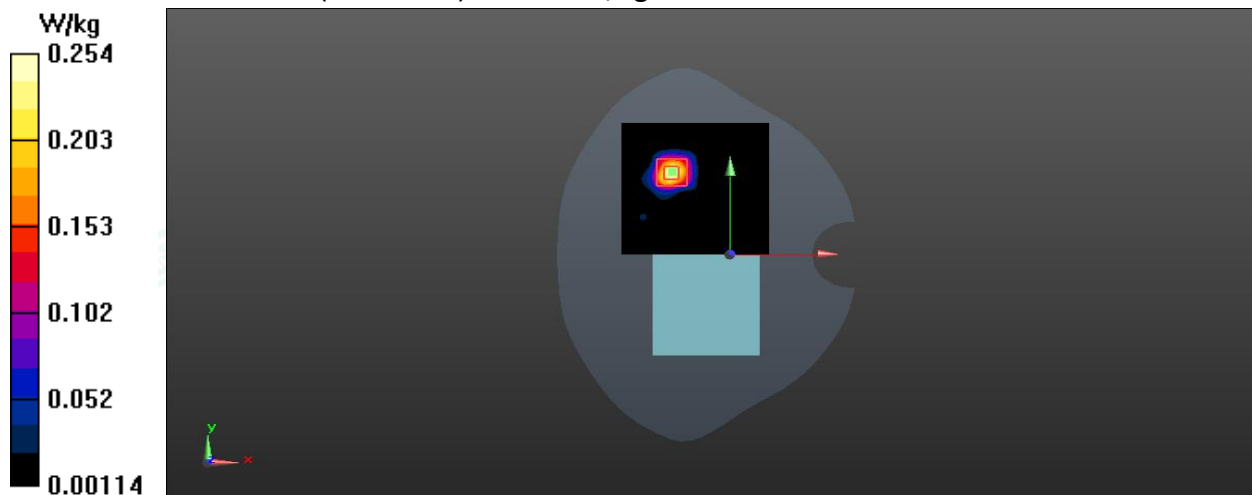
Communication System: UID 0, WIFI 5GHz (0); Frequency: 5745 MHz; Duty Cycle: 1:1.058

Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 5.312 \text{ S/m}$; $\epsilon_r = 35.948$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(4.86, 4.86, 4.86); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Body /Area Scan (11x18x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (measured) = 0.212 W/kg **Configuration/Body/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$ Reference Value = 0.839 V/m ; Power Drift = -0.16 dB Peak SAR (extrapolated) = 0.377 W/kg **SAR(1 g) = 0.168 W/kg ; SAR(10 g) = 0.093 W/kg** Maximum value of SAR (measured) = 0.254 W/kg 

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Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity



Date: 2025/9/24

Test Laboratory: LCS-SAR Lab
RFID 26CH Right Cheek

DUT: Rugged Handheld Computer ; Type: EA530 UHF ; Serial: A250901020-1

Communication System: UID 0, RFID (0); Frequency: 915.25 MHz; Duty Cycle: 1: 1
Medium parameters used: $f = 915.25$ MHz; $\sigma = 0.872$ S/m; $\epsilon_r = 42.559$; $\rho = 1000$ kg/m³
Phantom section: Right Section

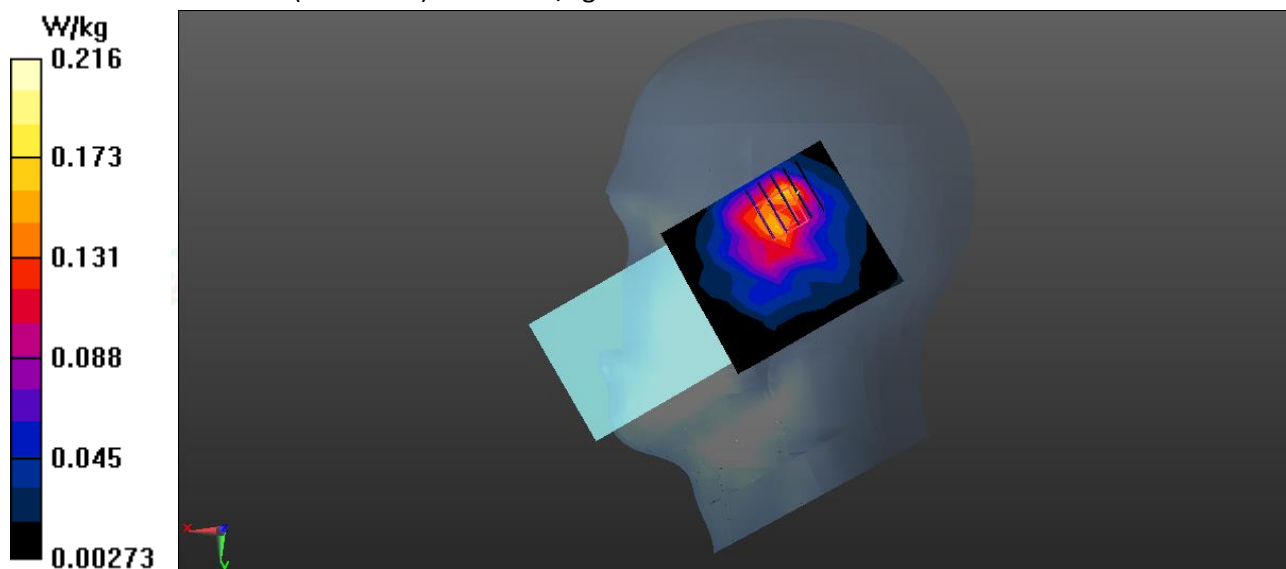
DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.08, 9.08, 9.08); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (61x71x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.168 W/kg

Configuration/Head /Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 7.808 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.325 W/kg
SAR(1 g) = 0.144 W/kg; SAR(10 g) = 0.084 W/kg

Maximum value of SAR (measured) = 0.216 W/kg





Date: 2025/9/24

Test Laboratory: LCS-SAR Lab
RFID 26CH Rear side 0mm

DUT: Rugged Handheld Computer ; Type: EA530 UHF ; Serial: A250901020-1

Communication System: UID 0, RFID (0); Frequency: 915.25 MHz; Duty Cycle: 1: 1
Medium parameters used: $f = 915.25$ MHz; $\sigma = 0.872$ S/m; $\epsilon_r = 42.559$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.08, 9.08, 9.08); Calibrated: 2025/2/25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2025/2/17
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/ Body /Area Scan (71x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.409 W/kg

Configuration/ Body /Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.091 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.495 W/kg

SAR(1 g) = 0.222 W/kg; SAR(10 g) = 0.121 W/kg

Maximum value of SAR (measured) = 0.322 W/kg

