



Appendix B

Temperature:	22.7° C
Relative Humidity:	51.4%
ATM Pressure:	100.0 kPa
Test Engineer:	Bob Yang
Supervised by:	Nick Peng

Detailed Test Results

1. WCDMA
WCDMA Band II for Body
WCDMA Band IV for Body
WCDMA Band V for Body
2. LTE
LTE Band 2 for Body
LTE Band 4 for Body
LTE Band 5 for Body
LTE Band 7 for Body
LTE Band 12 for H Body
LTE Band 38 for Body
LTE Band 41 for Body
3. WIFI
WIFI 2.4GHz for Body
WIFI 5.2GHz for Body
WIFI 5.3GHz for Body
WIFI 5.5GHz for Body
WIFI 5.8GHz for Body



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Scan code to check authenticity

Test Laboratory: LCS-SAR Lab

WCDMA II RMC 9538CH Rear side 0mm

DUT: Translator; Type: V9000; Serial: A240918120-1

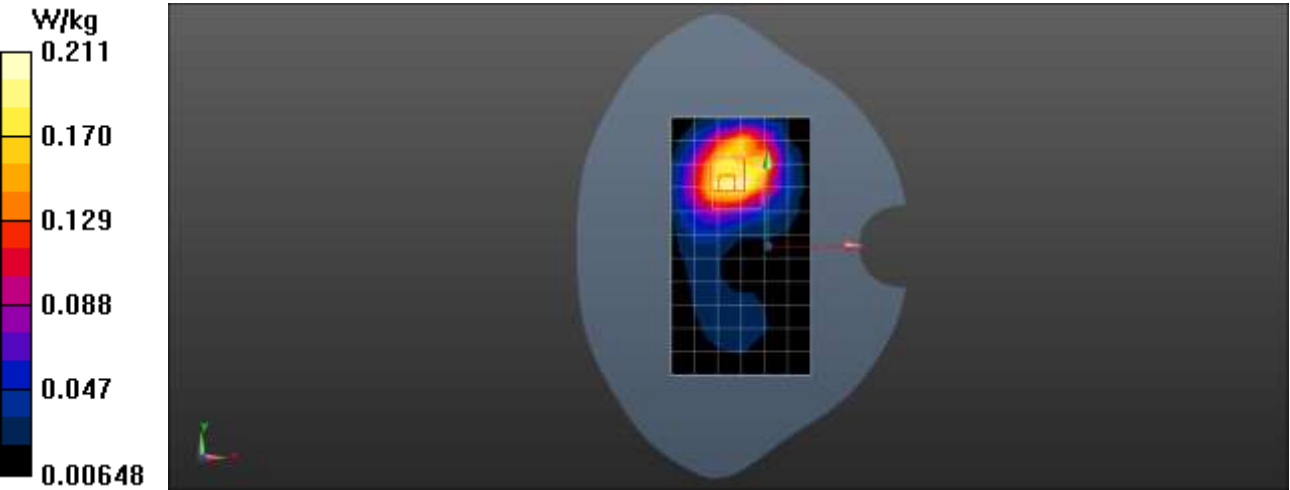
Communication System: UID 0, WCDMA (0); Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 1908 \text{ MHz}$; $\sigma = 1.46 \text{ S/m}$; $\epsilon_r = 40.493$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.85, 7.85, 7.85); Calibrated: 2023/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (7x12x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.206 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 2.526 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.306 W/kg
SAR(1 g) = 0.166 W/kg; SAR(10 g) = 0.105 W/kg
Maximum value of SAR (measured) = 0.211 W/kg





Date: 2024/10/10

Test Laboratory: LCS-SAR Lab

WCDMA IV RMC 1312CH Rear side 0mm

DUT: Translator; Type: V9000; Serial: A240918120-1

Communication System: UID 0, WCDMA (0); Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.35$ S/m; $\epsilon_r = 40.851$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(8.16, 8.16, 8.16); Calibrated: 2023/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.192 W/kg

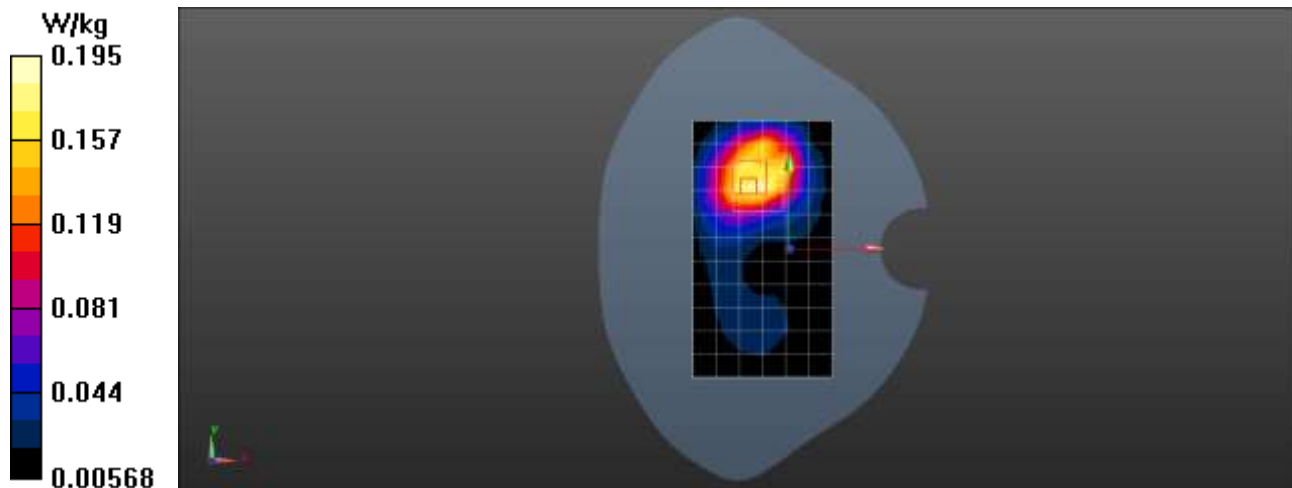
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.459 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.267 W/kg

SAR(1 g) = 0.154 W/kg; SAR(10 g) = 0.098 W/kg

Maximum value of SAR (measured) = 0.195 W/kg



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Test Laboratory: LCS-SAR Lab

WCDMA V RMC 4132CH Rear side 0mm

DUT: Translator; Type: V9000; Serial: A240918120-1

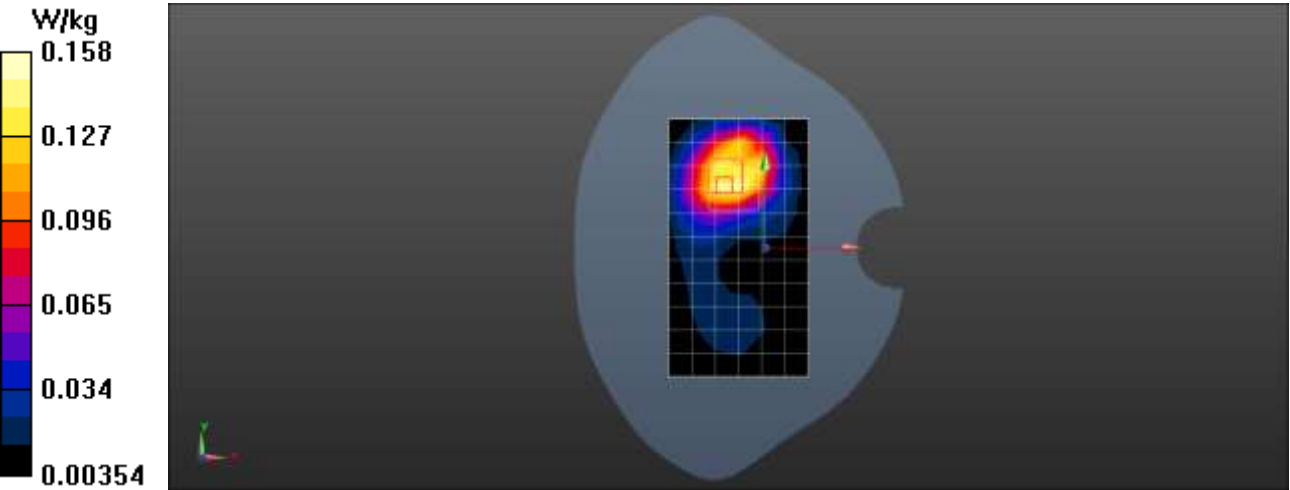
Communication System: UID 0, WCDMA (0); Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.944$ S/m; $\epsilon_r = 43.209$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.26, 9.26, 9.26); Calibrated: 2023/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.154 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.319 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.171 W/kg
SAR(1 g) = 0129 W/kg; SAR(10 g) = 0.067 W/kg
Maximum value of SAR (measured) = 0.158 W/kg





Date: 2024/10/11

Test Laboratory: LCS-SAR Lab

LTE B2 20M QPSK 19100CH 1RB99 Rear side 0mm**DUT: Translator; Type: V9000; Serial: A240918120-1**

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

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.455$ S/m; $\epsilon_r = 40.509$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.85, 7.85, 7.85); Calibrated: 2023/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

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

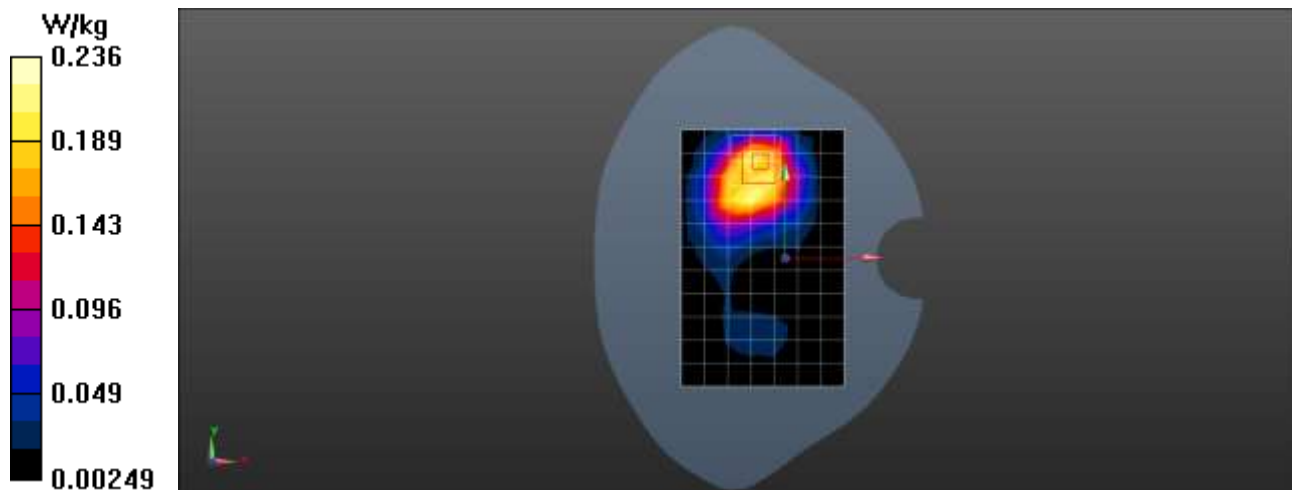
ConfigurationBody/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.190 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.389 W/kg

SAR(1 g) = 0.196 W/kg; SAR(10 g) = 0.112 W/kg

Maximum value of SAR (measured) = 0.236 W/kg



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Test Laboratory: LCS-SAR Lab

LTE B4 20M QPSK 20175CH 1RB49 Rear side 0mm

DUT: Translator; Type: V9000; Serial: A240918120-1

Communication System: UID 0, LTE-FDD (0); Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1732.5$ MHz; $\sigma = 1.361$ S/m; $\epsilon_r = 40.812$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(8.16, 8.16, 8.16); Calibrated: 2023/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.218 W/kg

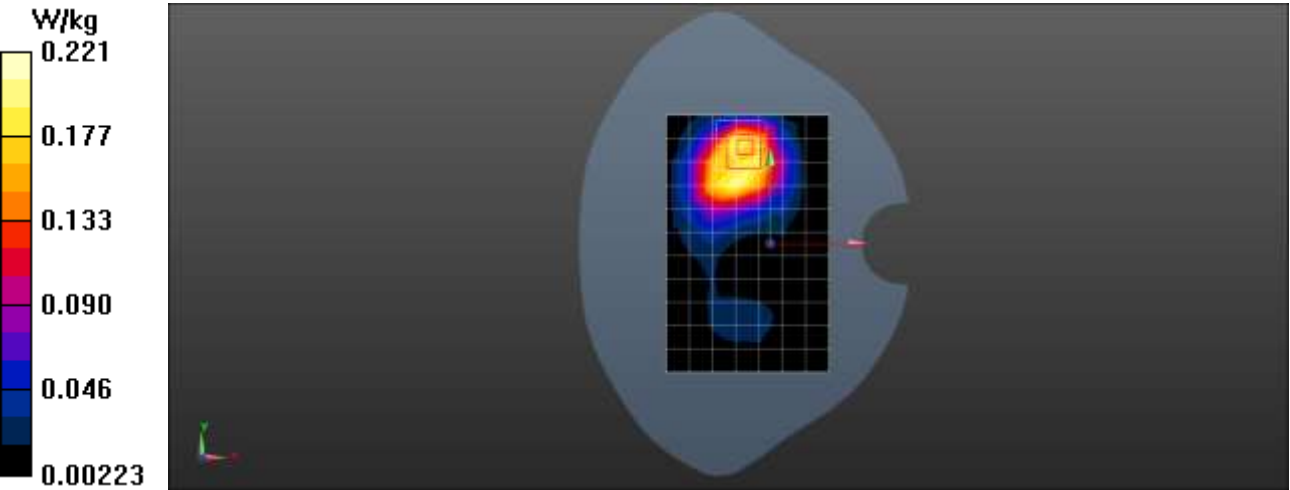
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.164 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.363 W/kg

SAR(1 g) = 0.183 W/kg; SAR(10 g) = 0.109 W/kg

Maximum value of SAR (measured) = 0.221 W/kg





Date: 2024/10/9

Test Laboratory: LCS-SAR Lab

LTE B5 10M QPSK 20525CH 1RB0 Rear side 0mm**DUT: Translator; Type: V9000; Serial: A240918120-1**

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

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.948$ S/m; $\epsilon_r = 43.178$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.26, 9.26, 9.26); Calibrated: 2023/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.163 W/kg

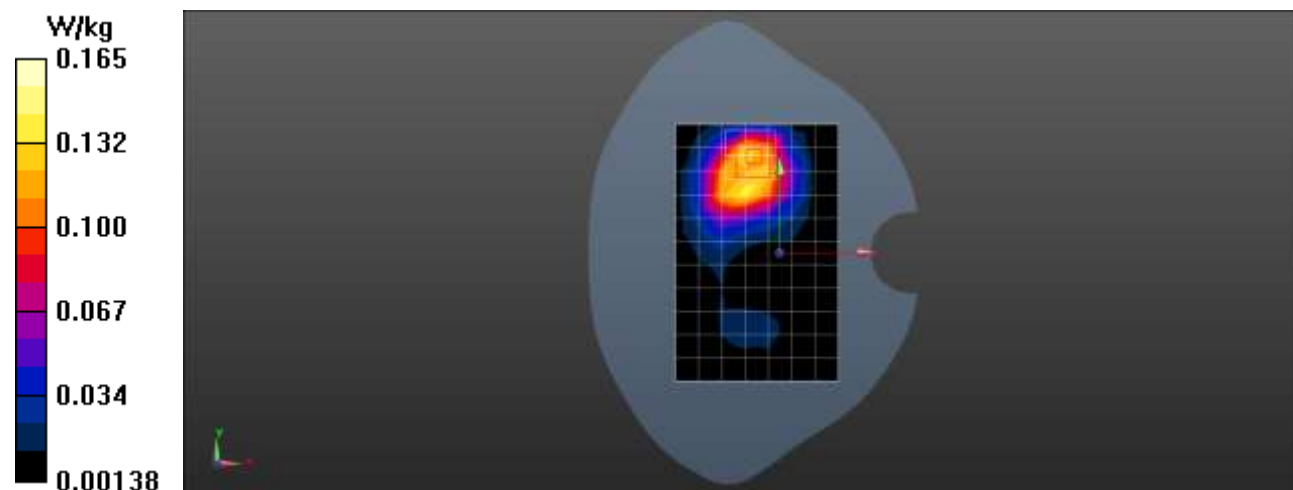
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.096 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.241 W/kg

SAR(1 g) = 0.138 W/kg; SAR(10 g) = 0.079 W/kg

Maximum value of SAR (measured) = 0.165 W/kg



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Test Laboratory: LCS-SAR Lab

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

DUT: Translator; Type: V9000; Serial: A240918120-1

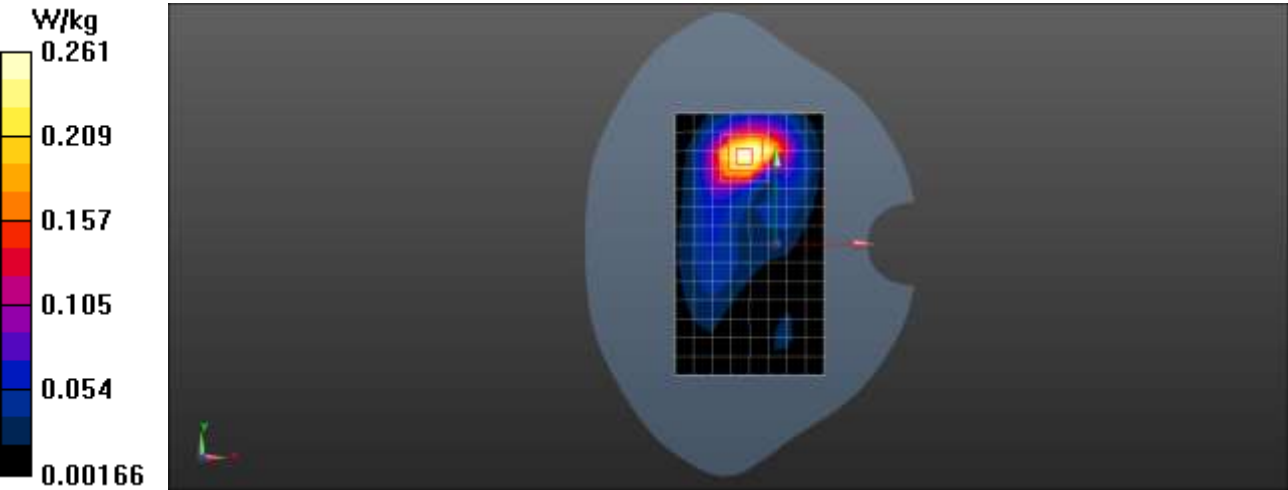
Communication System: UID 0, LTE-FDD (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 2535 \text{ MHz}$; $\sigma = 1.862 \text{ S/m}$; $\epsilon_r = 39.461$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.42, 7.42, 7.42); Calibrated: 2023/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (9x15x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
Maximum value of SAR (measured) = 0.257 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 3.396 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.384 W/kg
SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.113 W/kg
Maximum value of SAR (measured) = 0.261 W/kg





Date: 2024/10/8

Test Laboratory: LCS-SAR Lab

LTE B12 10M QPSK 23095CH 1RB0 Rear side 0mm**DUT: Translator; Type: V9000; Serial: A240918120-1**

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

Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.9$ S/m; $\epsilon_r = 43.75$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.66, 9.66, 9.66); Calibrated: 2023/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.169 W/kg

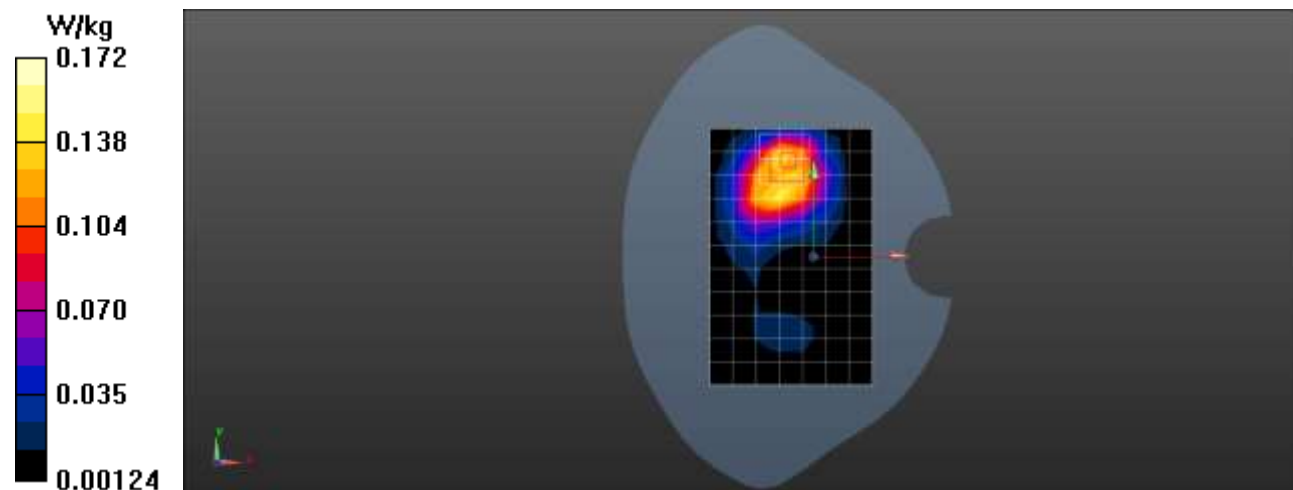
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.065 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.0760 W/kg

SAR(1 g) = 0.140 W/kg; SAR(10 g) = 0.076 W/kg

Maximum value of SAR (measured) = 0.172 W/kg



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Test Laboratory: LCS-SAR Lab

LTE B38 20M QPSK 37850CH 1RB0 Rear side 0mm

DUT: Translator; Type: V9000; Serial: A240918120-1

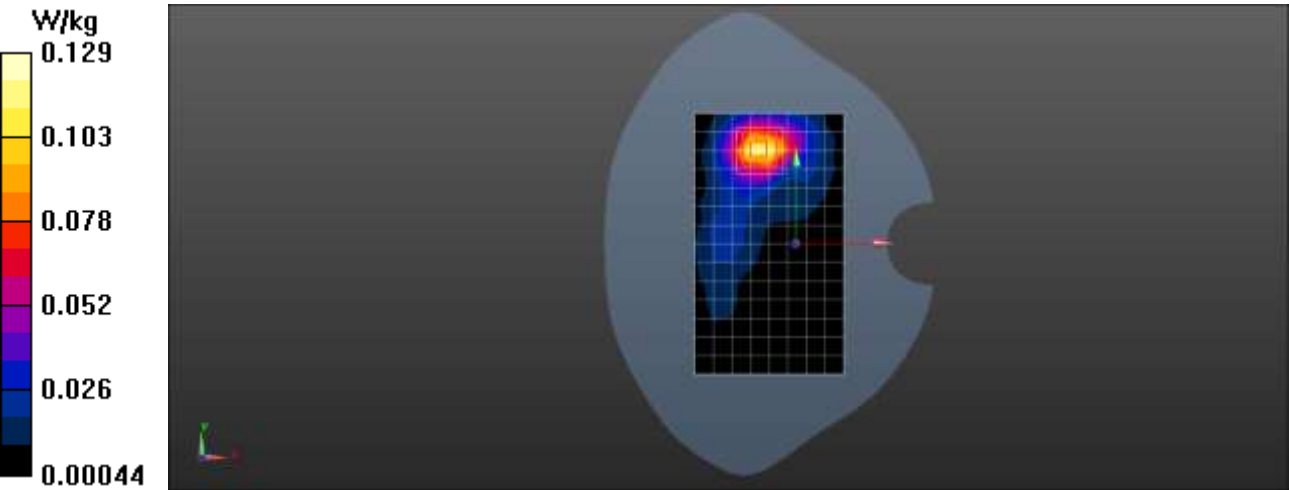
Communication System: UID 0, LTE-TDD (0); Frequency: 2580 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 2580 \text{ MHz}$; $\sigma = 1.895 \text{ S/m}$; $\epsilon_r = 39.396$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.17, 7.17, 7.17); Calibrated: 2023/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (9x15x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
Maximum value of SAR (measured) = 0.127 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 1.435 V/m ; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.213 W/kg
SAR(1 g) = 0.109 W/kg ; SAR(10 g) = 0.048 W/kg
Maximum value of SAR (measured) = 0.129 W/kg





Date: 2024/10/12

Test Laboratory: LCS-SAR Lab

LTE B41 20M QPSK 39750CH 1RB0 Rear side 0mm**DUT: Translator; Type: V9000; Serial: A240918120-1**

Communication System: UID 0, LTE-TDD (0); Frequency: 2506 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2506$ MHz; $\sigma = 1.841$ S/m; $\epsilon_r = 39.516$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.42, 7.42, 7.42); Calibrated: 2023/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (9x15x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.164 W/kg

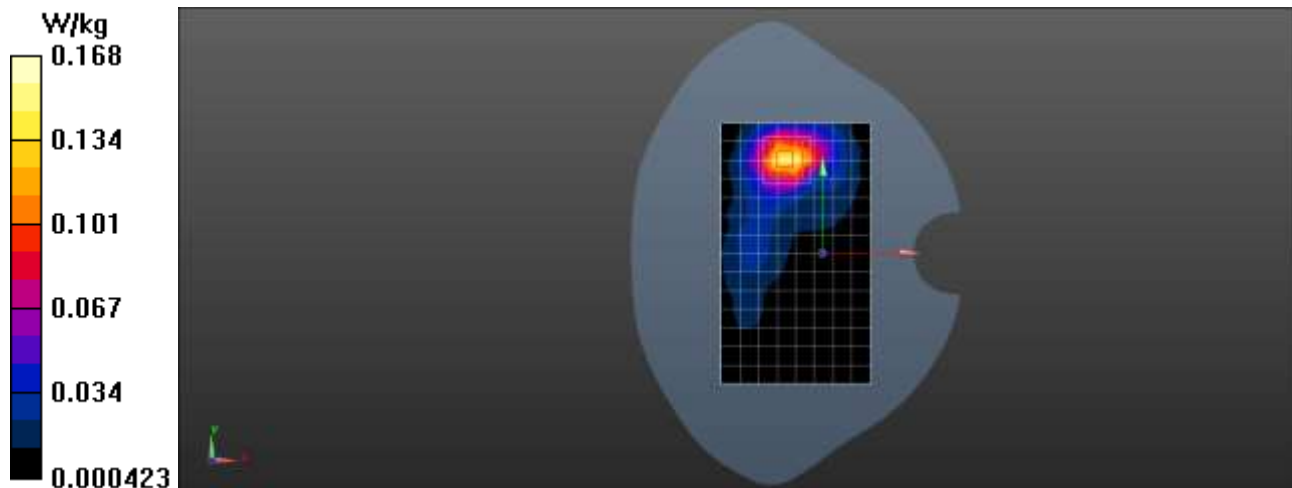
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.429 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.259 W/kg

SAR(1 g) = 0.137 W/kg; SAR(10 g) = 0.068 W/kg

Maximum value of SAR (measured) = 0.168 W/kg



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Test Laboratory: LCS-SAR Lab

WIFI 2.4G 802.11b 1CH Front side 0mm

DUT: Translator; Type: V9000; Serial: A240918120-1

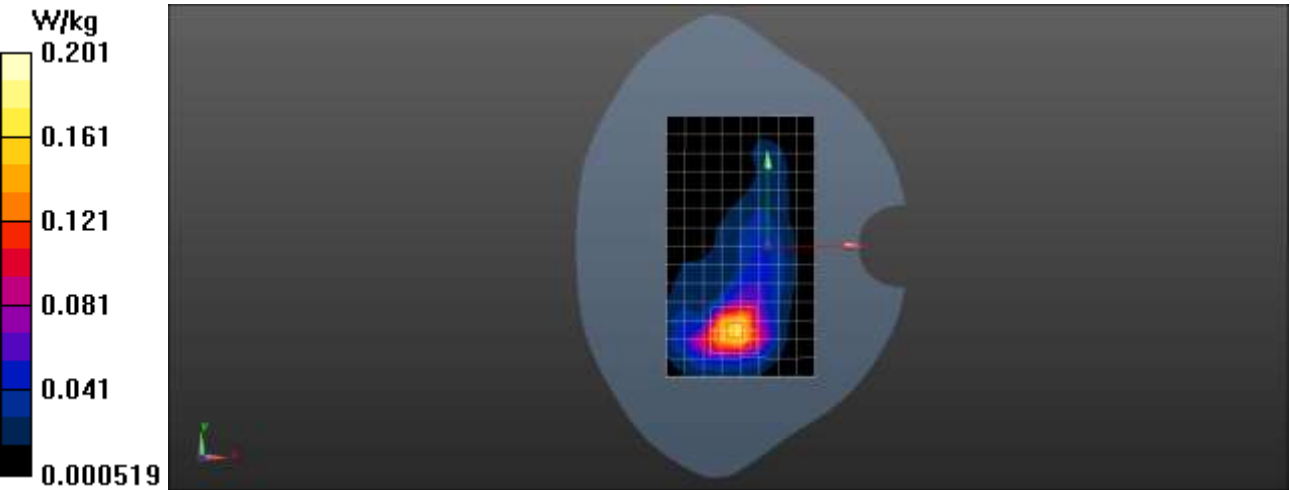
Communication System: UID 0, WIFI 2.4GHz (0); Frequency: 2412 MHz;Duty Cycle: 1:1.0085
Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.775 \text{ S/m}$; $\epsilon_r = 39.676$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.42, 7.42, 7.42); Calibrated: 2023/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (9x15x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
Maximum value of SAR (measured) = 0.197 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
Reference Value = 2.646 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.279 W/kg
SAR(1 g) = 0.168 W/kg; SAR(10 g) = 0.104 W/kg
Maximum value of SAR (measured) = 0.201 W/kg





Date: 2024/10/15

Test Laboratory: LCS-SAR Lab

WIFI 5.2G 802.11a 48CH Front side 0mm**DUT: Translator; Type: V9000; Serial: A240918120-1**

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5240 MHz; Duty Cycle: 1:1.0575

Medium parameters used (interpolated): $f = 5240$ MHz; $\sigma = 4.67$ S/m; $\epsilon_r = 35.826$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(5.38, 5.38, 5.38); Calibrated: 2023/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (11x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.159 W/kg

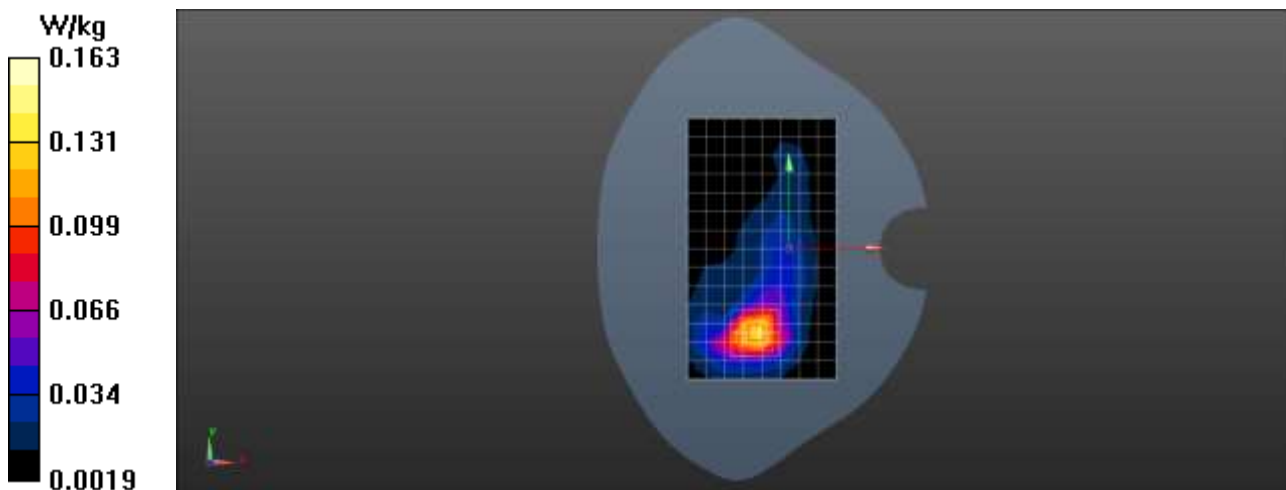
Configuration/Body/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.112 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.241 W/kg

SAR(1 g) = 0.126 W/kg; SAR(10 g) = 0.084 W/kg

Maximum value of SAR (measured) = 0.163 W/kg



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Test Laboratory: LCS-SAR Lab

WIFI 5.3G 802.11a 52CH Front side 0mm

DUT: Translator; Type: V9000; Serial: A240918120-1

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5260 MHz;Duty Cycle: 1:1.0565
Medium parameters used: $f = 5250 \text{ MHz}$; $\sigma = 4.71 \text{ S/m}$; $\epsilon_r = 35.9$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

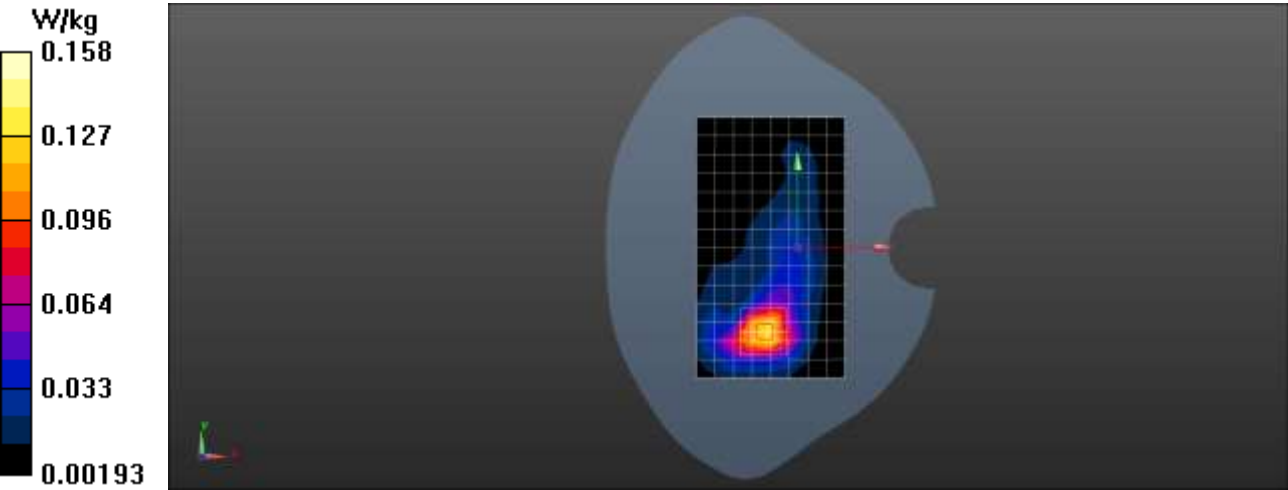
DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(5.38, 5.38, 5.38); Calibrated: 2023/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (11x19x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
Maximum value of SAR (measured) = 0.155 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 = 3.133 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.238 W/kg
SAR(1 g) = 0.121 W/kg; SAR(10 g) = 0.076 W/kg

Maximum value of SAR (measured) = 0.158 W/kg





Date: 2024/10/15

Test Laboratory: LCS-SAR Lab

WIFI 5.5G 802.11a 116CH Front side 0mm**DUT: Translator; Type: V9000; Serial: A240918120-1**

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5580 MHz; Duty Cycle: 1:1.0565

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.07$ S/m; $\epsilon_r = 35.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(4.75, 4.75, 4.75); Calibrated: 2023/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (11x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.175 W/kg

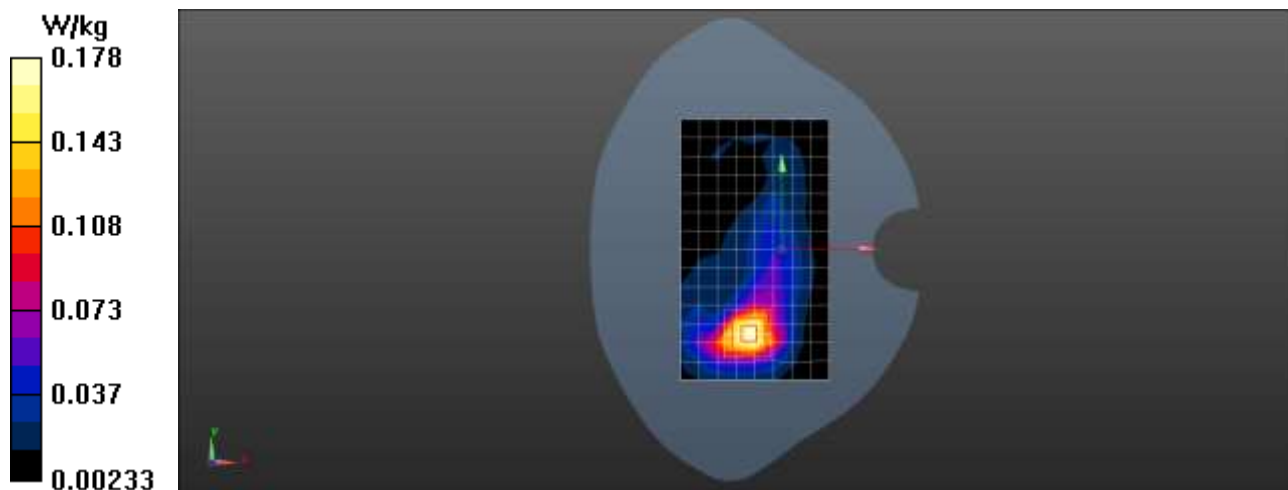
Configuration/Body/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 3.318 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.256 W/kg

SAR(1 g) = 0.130 W/kg; SAR(10 g) = 0.082 W/kg

Maximum value of SAR (measured) = 0.178 W/kg



Date: 2024/10/15



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Scan code to check authenticity

WIFI 5.8G 802.11a 157CH Front side 0mm

DUT: Translator; Type: V9000; Serial: A240918120-1

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5785 MHz;Duty Cycle: 1:1.0575
Medium parameters used (interpolated): $f = 5785 \text{ MHz}$; $\sigma = 5.15 \text{ S/m}$; $\epsilon_r = 34.798$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(4.88, 4.88, 4.88); Calibrated: 2023/11/23;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (11x19x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.189 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 = 3.302 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.275 W/kg

SAR(1 g) = 0.139 W/kg; SAR(10 g) = 0.087 W/kg

Maximum value of SAR (measured) = 0.193 W/kg

