

Appendix B. – SAR Test Plots

Test Laboratory: HCT CO., LTD
EUT Type: Tablet
Ambient Temperature: 19.8 °C
Liquid Temperature: 19.7 °C
Test Date: 01/06/2025
Plot No.: A1
Band: UMTS Band 5 MAIN1

Communication System: UID 10011 - CAC, UMTS-FDD (WCDMA); Frequency: 826.4 MHz; Duty Cycle: 1:1.95434

Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.909$ S/m; $\epsilon_r = 42.543$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(8.83, 9.11, 8.9) @ 826.4 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- Phantom: ELI V4.0 (20deg probe tilt); Type: QD OVA 001 Bx; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

UMTS Band 5 Body Top 4132ch/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.679 W/kg

UMTS Band 5 Body Top 4132ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.95 V/m; Power Drift = -0.02 dB

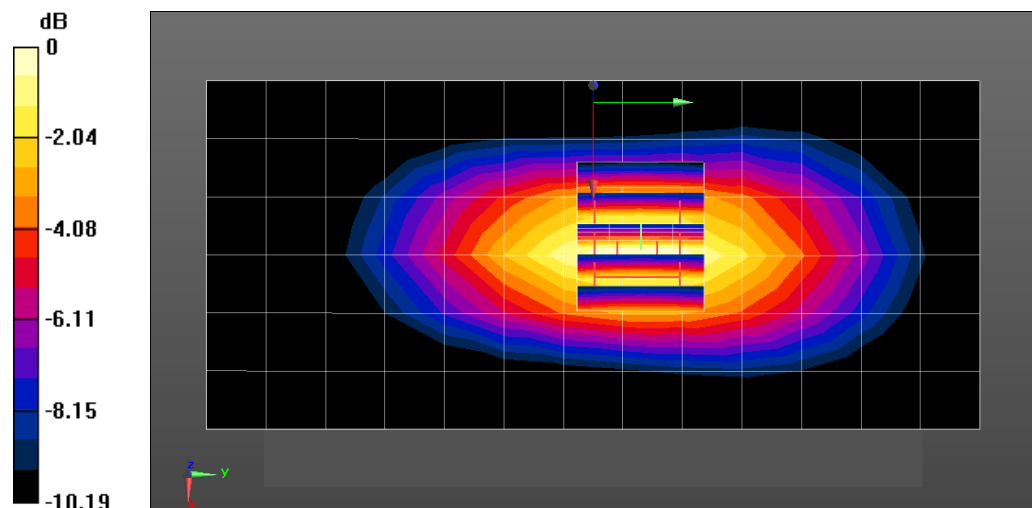
Peak SAR (extrapolated) = 0.748 W/kg

SAR(1 g) = 0.530 W/kg; SAR(10 g) = 0.355 W/kg

Smallest distance from peaks to all points 3 dB below = 14.5 mm

Ratio of SAR at M2 to SAR at M1 = 71.3%

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



0 dB = 0.681 W/kg = -1.67 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Tablet
Ambient Temperature: 19.6 °C
Liquid Temperature: 19.4 °C
Test Date: 01/03/2025
Plot No.: A2
Band: UMTS Band 4 MAIN1

Communication System: UID 10011 - CAC, UMTS-FDD (WCDMA); Frequency: 1752.6 MHz; Duty Cycle: 1:1.95434

Medium parameters used (interpolated): $f = 1752.6$ MHz; $\sigma = 1.397$ S/m; $\epsilon_r = 41.638$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(7.59, 7.83, 7.65) @ 1752.6 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- Phantom: ELI V4.0 (20deg probe tilt); Type: QD OVA 001 Bx; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

UMTS Band 4 Body Top 1513ch/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm.
Maximum value of SAR (measured) = 0.727 W/kg

UMTS Band 4 Body Top 1513ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.41 V/m; Power Drift = -0.14 dB

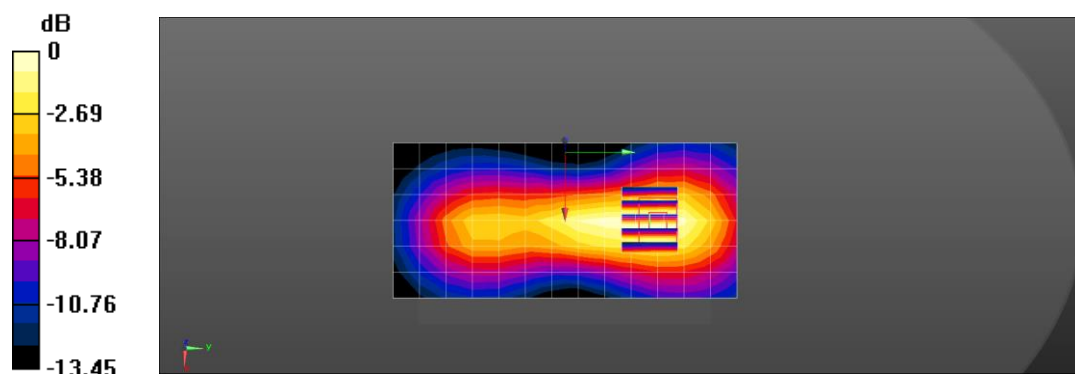
Peak SAR (extrapolated) = 0.821 W/kg

SAR(1 g) = 0.547 W/kg; SAR(10 g) = 0.342 W/kg

Smallest distance from peaks to all points 3 dB below = 17.3 mm

Ratio of SAR at M2 to SAR at M1 = 66%

Maximum value of SAR (measured) = 0.729 W/kg



0 dB = 0.729 W/kg = -1.37 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Tablet
Ambient Temperature: 19.5 °C
Liquid Temperature: 19.4 °C
Test Date: 01/02/2025
Plot No.: A3
Band: UMTS Band 2 MAIN1

Communication System: UID 10011 - CAC, UMTS-FDD (WCDMA); Frequency: 1852.4 MHz; Duty Cycle: 1:1.95434

Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.385$ S/m; $\epsilon_r = 40.262$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(7.34, 7.57, 7.4) @ 1852.4 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- Phantom: ELI V4.0 (20deg probe tilt); Type: QD OVA 001 Bx; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

UMTS Band 2 Body Top 9262ch/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.669 W/kg

UMTS Band 2 Body Top 9262ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.24 V/m; Power Drift = -0.16 dB

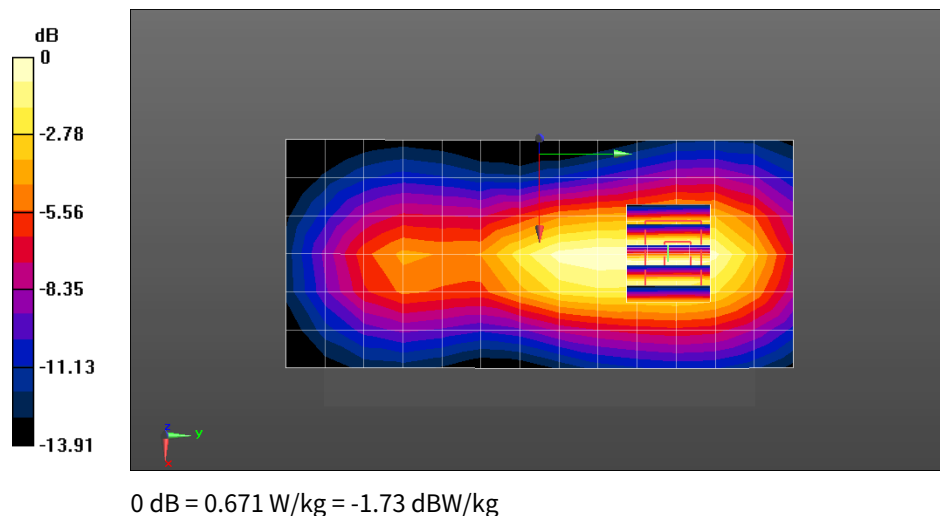
Peak SAR (extrapolated) = 0.759 W/kg

SAR(1 g) = 0.496 W/kg; SAR(10 g) = 0.305 W/kg

Smallest distance from peaks to all points 3 dB below = 17.3 mm

Ratio of SAR at M2 to SAR at M1 = 64.7%

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



Test Laboratory: HCT CO., LTD
EUT Type: Tablet
Ambient Temperature: 20.0 °C
Liquid Temperature: 19.8 °C
Test Date: 01/15/2025
Plot No.: A4
Band: LTE Band 7 MAIN1

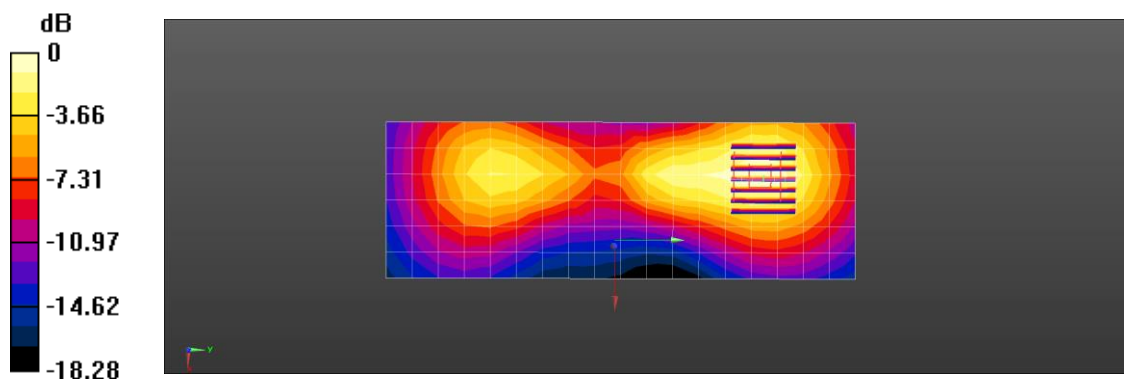
Communication System: UID 10169 - CAF, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2510 MHz; Duty Cycle: 1:3.73852
 Medium parameters used: $f = 2510$ MHz; $\sigma = 1.862$ S/m; $\epsilon_r = 38.986$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(7.35, 6.84, 7.2) @ 2510 MHz; Calibrated: 2024-08-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1720; Calibrated: 2024-04-19
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 7 Body Top QPSK 20MHz 1RB 49offset 20850ch/Area Scan (7x19x1): Measurement grid:
 dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.744 W/kg

LTE Band 7 Body Top QPSK 20MHz 1RB 49offset 20850ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 8.237 V/m; Power Drift = 0.07 dB
 Peak SAR (extrapolated) = 0.921 W/kg
SAR(1 g) = 0.502 W/kg; SAR(10 g) = 0.279 W/kg
 Smallest distance from peaks to all points 3 dB below = 17.5 mm
 Ratio of SAR at M2 to SAR at M1 = 53.8%
 Maximum value of SAR (measured) = 0.755 W/kg



0 dB = 0.755 W/kg = -1.22 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Tablet
Ambient Temperature: 21.7 °C
Liquid Temperature: 21.5 °C
Test Date: 01/02/2025
Plot No.: A5
Band: LTE Band 12 MAIN1

Communication System: UID 10175 - CAH, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 707.5 MHz; Duty Cycle: 1:3.73594
 Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.87$ S/m; $\epsilon_r = 42.723$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(9.71, 9.03, 9.52) @ 707.5 MHz; Calibrated: 2024-08-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1720; Calibrated: 2024-04-19
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 12 Body Top QPSK 10MHz 1RB 49offset 23095ch/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm.

Maximum value of SAR (measured) = 0.470 W/kg

LTE Band 12 Body Top QPSK 10MHz 1RB 49offset 23095ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.05 V/m; Power Drift = 0.01 dB

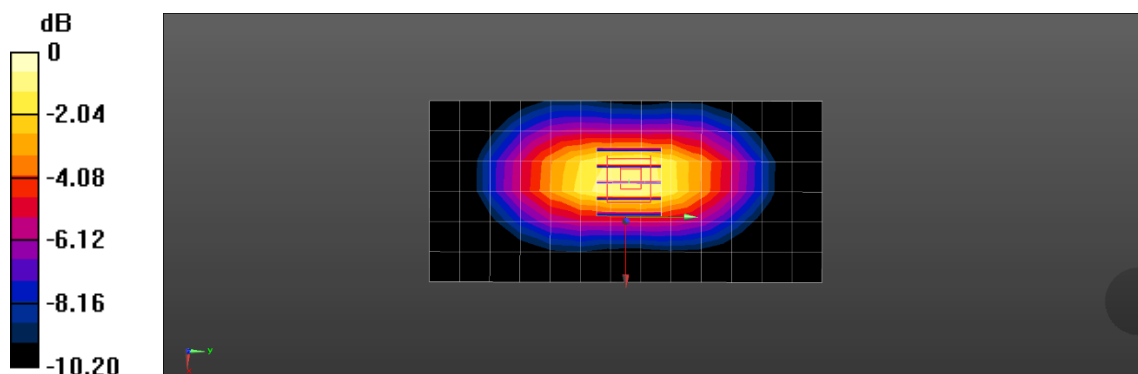
Peak SAR (extrapolated) = 0.637 W/kg

SAR(1 g) = 0.411 W/kg; SAR(10 g) = 0.272 W/kg

Smallest distance from peaks to all points 3 dB below = 14.4 mm

Ratio of SAR at M2 to SAR at M1 = 65.6%

Maximum value of SAR (measured) = 0.552 W/kg



0 dB = 0.552 W/kg = -2.58 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Tablet
Ambient Temperature: 20.5 °C
Liquid Temperature: 20.3 °C
Test Date: 01/10/2025
Plot No.: A6
Band: LTE Band 13 MAIN1

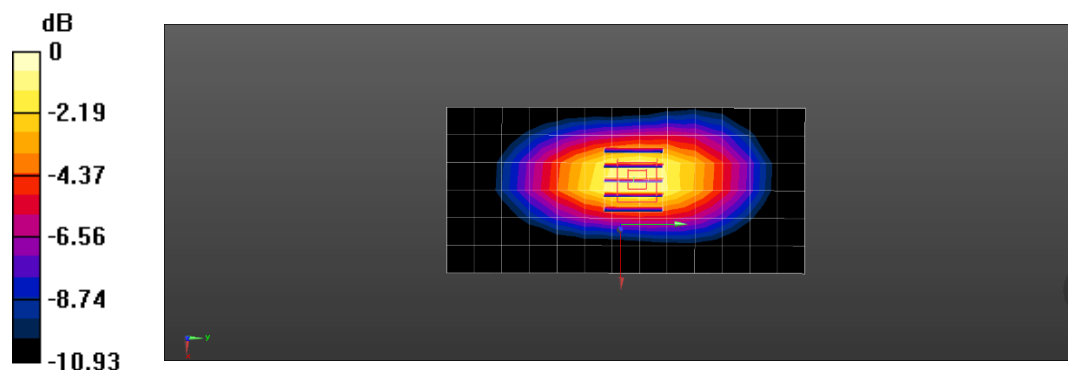
Communication System: UID 10175 - CAH, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 782 MHz; Duty Cycle: 1:3.73594
 Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.904 \text{ S/m}$; $\epsilon_r = 42.073$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(9.71, 9.03, 9.52) @ 782 MHz; Calibrated: 2024-08-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1720; Calibrated: 2024-04-19
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 13 Body Top QPSK 10MHz 1RB 49offset 23230ch/Area Scan (7x14x1): Measurement grid:
 $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.783 W/kg

LTE Band 13 Body Top QPSK 10MHz 1RB 49offset 23230ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 31.17 V/m; Power Drift = 0.02 dB
 Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.677 W/kg; SAR(10 g) = 0.445 W/kg
 Smallest distance from peaks to all points 3 dB below = 15.8 mm
 Ratio of SAR at M2 to SAR at M1 = 64.4%
 Maximum value of SAR (measured) = 0.922 W/kg



0 dB = 0.922 W/kg = -0.35 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Tablet
Ambient Temperature: 20.1 °C
Liquid Temperature: 20.0 °C
Test Date: 01/13/2025
Plot No.: A7
Band: LTE Band 14 MAIN1

Communication System: UID 10175 - CAH, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 793 MHz; Duty Cycle: 1:3.73594
 Medium parameters used (interpolated): $f = 793$ MHz; $\sigma = 0.91$ S/m; $\epsilon_r = 42.54$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(9.71, 9.03, 9.52) @ 793 MHz; Calibrated: 2024-08-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1720; Calibrated: 2024-04-19
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 14 Body Top QPSK 10MHz 1RB 24offset 23330ch/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm.

Maximum value of SAR (measured) = 0.754 W/kg

LTE Band 14 Body Top QPSK 10MHz 1RB 24offset 23330ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.52 V/m; Power Drift = -0.05 dB

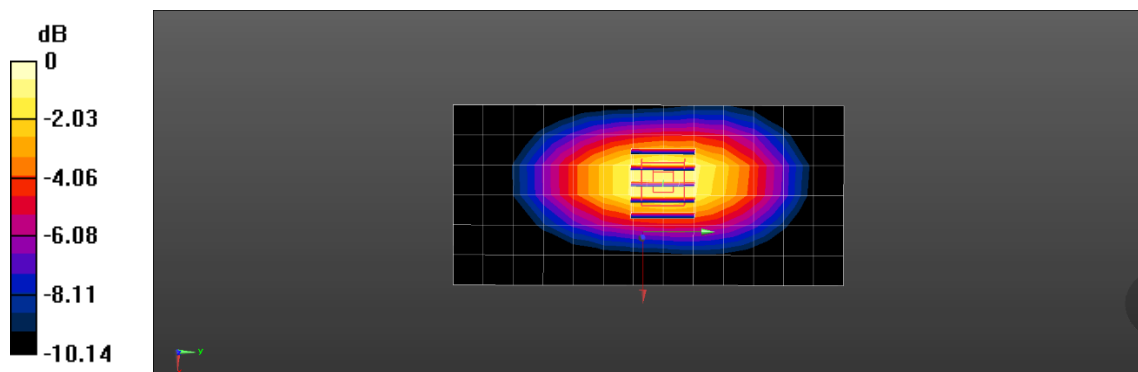
Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.658 W/kg; SAR(10 g) = 0.439 W/kg

Smallest distance from peaks to all points 3 dB below = 19.5 mm

Ratio of SAR at M2 to SAR at M1 = 65.9%

Maximum value of SAR (measured) = 0.880 W/kg



0 dB = 0.880 W/kg = -0.56 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Tablet
Ambient Temperature: 19.7 °C
Liquid Temperature: 19.5 °C
Test Date: 01/07/2025
Plot No.: A8
Band: LTE Band 25 MAIN1

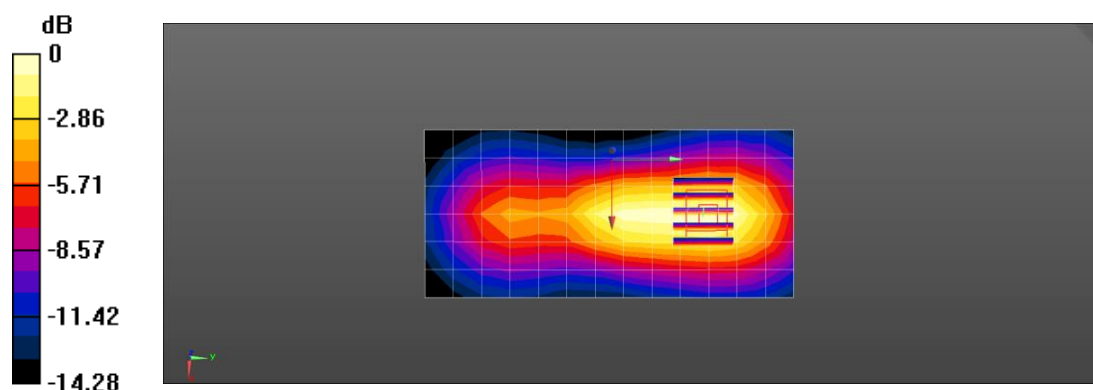
Communication System: UID 10169 - CAF, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1882.5 MHz; Duty Cycle: 1:3.73852
 Medium parameters used (interpolated): $f = 1882.5$ MHz; $\sigma = 1.409$ S/m; $\epsilon_r = 41.214$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(7.34, 7.57, 7.4) @ 1882.5 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- Phantom: ELI V4.0 (20deg probe tilt); Type: QD OVA 001 Bx; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 25 Body Top QPSK 20MHz 1RB 49offset 26365ch/Area Scan (7x14x1): Measurement grid:
 dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.678 W/kg

LTE Band 25 Body Top QPSK 20MHz 1RB 49offset 26365ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 20.91 V/m; Power Drift = -0.11 dB
 Peak SAR (extrapolated) = 0.766 W/kg
SAR(1 g) = 0.494 W/kg; SAR(10 g) = 0.303 W/kg
 Smallest distance from peaks to all points 3 dB below = 16 mm
 Ratio of SAR at M2 to SAR at M1 = 64.1%
 Maximum value of SAR (measured) = 0.676 W/kg



0 dB = 0.676 W/kg = -1.70 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Tablet
Ambient Temperature: 19.9 °C
Liquid Temperature: 19.8 °C
Test Date: 01/14/2025
Plot No.: A9
Band: LTE Band 26 MAIN1

Communication System: UID 10181 - CAF, LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK); Frequency: 831.5 MHz; Duty Cycle: 1:3.7368
 Medium parameters used (interpolated): $f = 831.5$ MHz; $\sigma = 0.928$ S/m; $\epsilon_r = 42.011$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(9.44, 8.78, 9.25) @ 831.5 MHz; Calibrated: 2024-08-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1720; Calibrated: 2024-04-19
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 26 Body Top QPSK 15MHz 1RB 0offset 26865ch/Area Scan (7x14x1): Measurement grid:
 dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.776 W/kg

LTE Band 26 Body Top QPSK 15MHz 1RB 0offset 26865ch/Zoom Scan (5x5x7)/Cube 0: Measurement
 grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.49 V/m; Power Drift = 0.05 dB

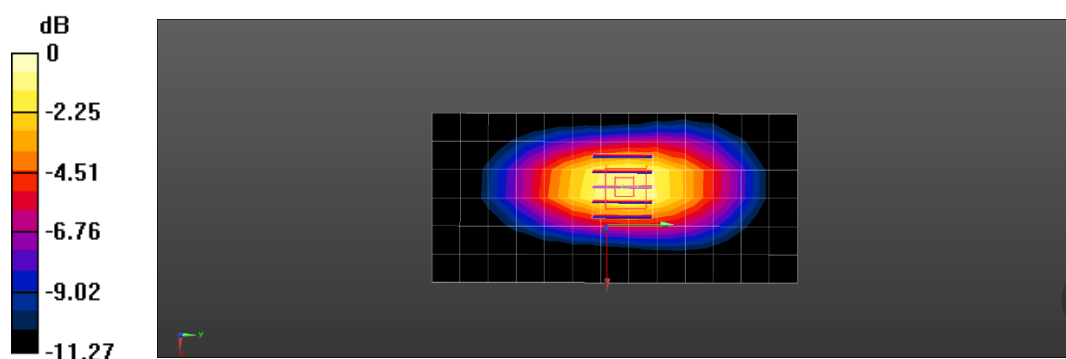
Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.673 W/kg; SAR(10 g) = 0.438 W/kg

Smallest distance from peaks to all points 3 dB below = 14.4 mm

Ratio of SAR at M2 to SAR at M1 = 64%

Maximum value of SAR (measured) = 0.920 W/kg



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

Test Laboratory: HCT CO., LTD
EUT Type: Tablet
Ambient Temperature: 19.8 °C
Liquid Temperature: 19.7 °C
Test Date: 01/22/2025
Plot No.: A10
Band: LTE Band 30 SUB1

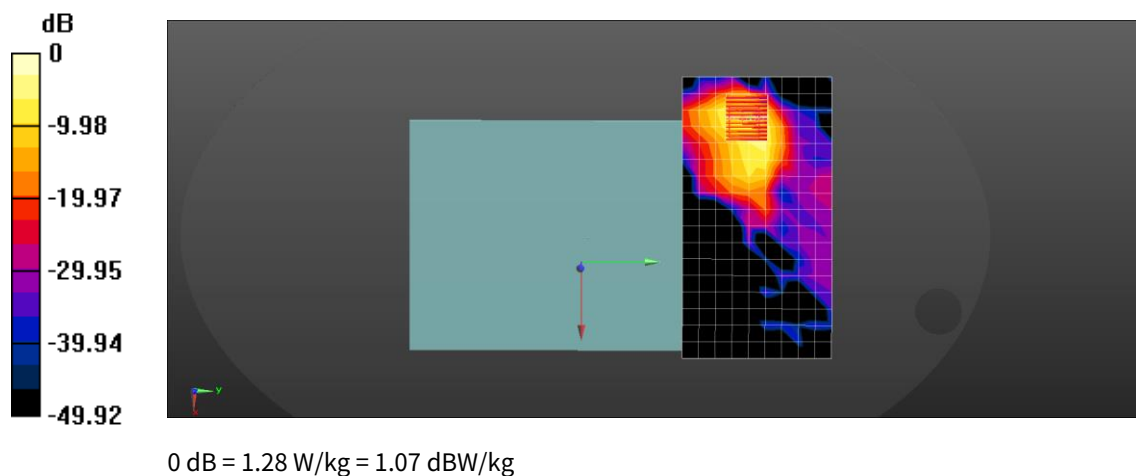
Communication System: UID 10175 - CAH, LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK); Frequency: 2310 MHz; Duty Cycle: 1:3.73594
 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.727$ S/m; $\epsilon_r = 39.269$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(7.77, 7.23, 7.61) @ 2310 MHz; Calibrated: 2024-08-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1720; Calibrated: 2024-04-19
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 30 Body Rear QPSK 10MHz 1RB 0offset 27710ch/Area Scan (18x10x1): Measurement grid:
 $dx=12$ mm, $dy=12$ mm
 Maximum value of SAR (measured) = 1.07 W/kg

LTE Band 30 Body Rear QPSK 10MHz 1RB 0offset 27710ch/Zoom Scan (11x11x8)/Cube 0:
 Measurement grid: $dx=3$ mm, $dy=3$ mm, $dz=1.4$ mm
 Reference Value = 0 V/m; Power Drift = 0.00 dB
 Peak SAR (extrapolated) = 2.54 W/kg
SAR(1 g) = 0.560 W/kg; SAR(10 g) = 0.216 W/kg
 Smallest distance from peaks to all points 3 dB below = 3.5 mm
 Ratio of SAR at M2 to SAR at M1 = 65.9%
 Maximum value of SAR (measured) = 1.28 W/kg



Test Laboratory: HCT CO., LTD
EUT Type: Tablet
Ambient Temperature: 20.1 °C
Liquid Temperature: 20.0 °C
Test Date: 01/24/2025
Plot No.: A11
Band: LTE Band 41 MAIN1

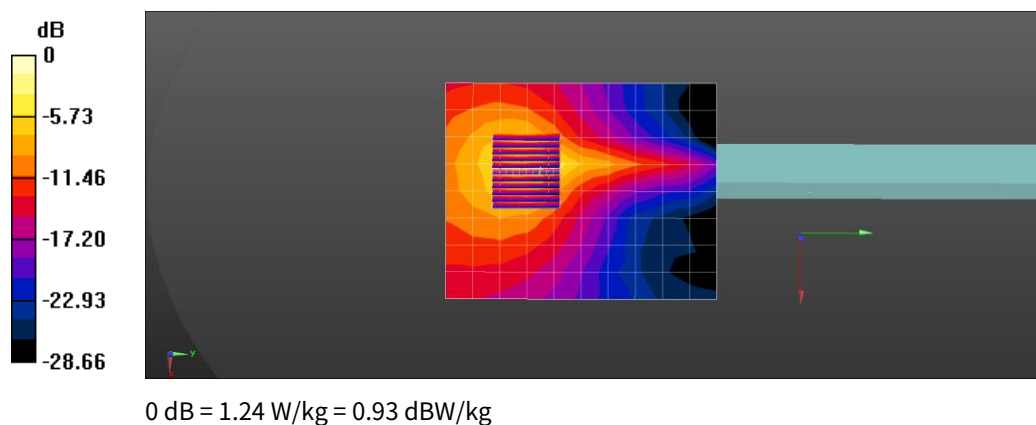
Communication System: UID 10172 - CAH, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 2506 MHz; Duty Cycle: 1:8.33105
 Medium parameters used (interpolated): $f = 2506$ MHz; $\sigma = 1.83$ S/m; $\epsilon_r = 39.501$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(7.35, 6.84, 7.2) @ 2506 MHz; Calibrated: 2024-08-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1720; Calibrated: 2024-04-19
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 41 Body Right QPSK 20MHz 1RB 99offset 39750ch/Area Scan (9x11x1): Measurement grid:
 dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.950 W/kg

LTE Band 41 Body Right QPSK 20MHz 1RB 99offset 39750ch/Zoom Scan (11x11x8)/Cube 0:
 Measurement grid: dx=3mm, dy=3mm, dz=1.4mm
 Reference Value = 0.9760 V/m; Power Drift = 0.17 dB
 Peak SAR (extrapolated) = 3.28 W/kg
SAR(1 g) = 0.544 W/kg; SAR(10 g) = 0.220 W/kg
 Smallest distance from peaks to all points 3 dB below = 5.1 mm
 Ratio of SAR at M2 to SAR at M1 = 58.7%
 Maximum value of SAR (measured) = 1.24 W/kg



Test Laboratory: HCT CO., LTD
EUT Type: Tablet
Ambient Temperature: 20.1 °C
Liquid Temperature: 20.1 °C
Test Date: 01/25/2025
Plot No.: A12
Band: LTE Band 48 SUB2

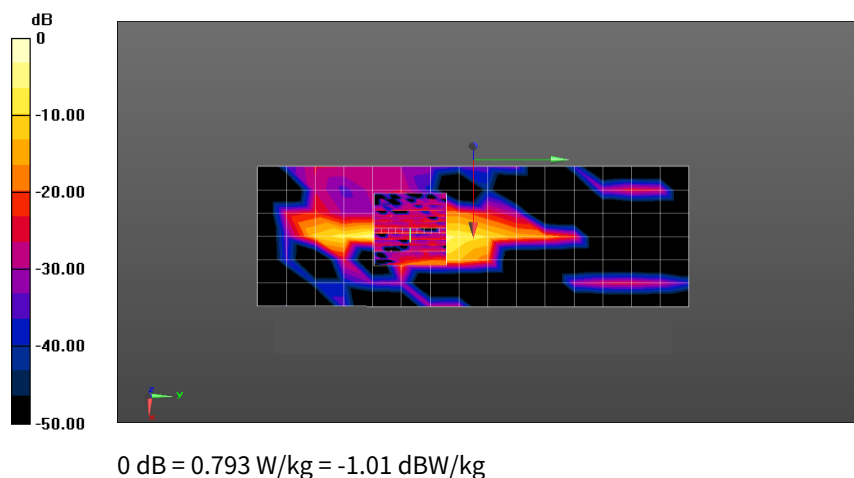
Communication System: UID 10435 - AAG, LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL
 Subframe=2,3,4,7,8,9); Frequency: 3646.7 MHz; Duty Cycle: 1:6.05899
 Medium parameters used (interpolated): $f = 3646.7$ MHz; $\sigma = 3.075$ S/m; $\epsilon_r = 37.39$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7309; ConvF(6.63, 6.07, 7.01) @ 3646.7 MHz; Calibrated: 2024-06-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- Phantom: ELI V4.0 (20deg probe tilt); Type: QD OVA 001 Bx; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 48 Body Bottom QPSK 20MHz 50RB 49offset 56207ch/Area Scan (7x16x1): Measurement
 grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.635 W/kg

LTE Band 48 Body Bottom QPSK 20MHz 50RB 49offset 56207ch/Zoom Scan (11x11x8)/Cube 0:
 Measurement grid: dx=3mm, dy=3mm, dz=1.4mm
 Reference Value = 5.843 V/m; Power Drift = 0.02 dB
 Peak SAR (extrapolated) = 1.45 W/kg
SAR(1 g) = 0.300 W/kg; SAR(10 g) = 0.085 W/kg
 Smallest distance from peaks to all points 3 dB below = 4.2 mm
 Ratio of SAR at M2 to SAR at M1 = 63.5%
 Maximum value of SAR (measured) = 0.793 W/kg



Test Laboratory:	HCT CO., LTD
EUT Type:	Tablet
Ambient Temperature:	20.7 °C
Liquid Temperature:	20.5 °C
Test Date:	01/10/2025
Plot No.:	A13
Band:	LTE Band 66 MAIN1

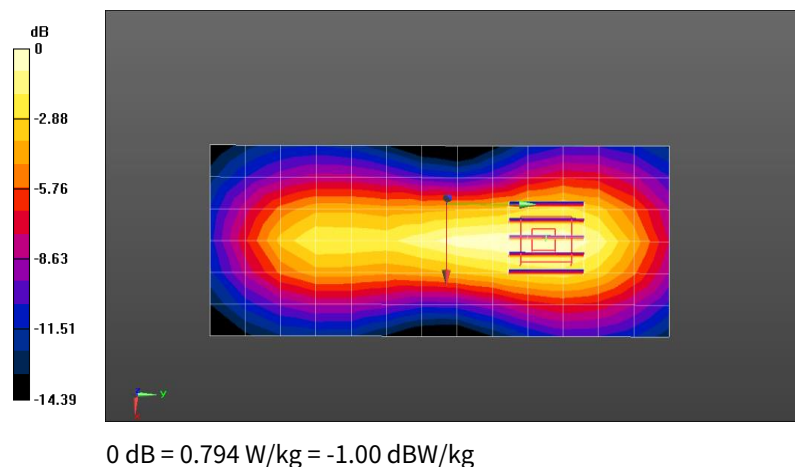
Communication System: UID 10169 - CAF, LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK); Frequency: 1745 MHz; Duty Cycle: 1:3.73852
 Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.344$ S/m; $\epsilon_r = 40.547$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(7.59, 7.83, 7.65) @ 1745 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- Phantom: ELI V4.0 (20deg probe tilt); Type: QD OVA 001 Bx; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 66 Body Top QPSK 20MHz 1RB 0offset 132322ch/Area Scan (7x14x1): Measurement grid:
 $dx=15$ mm, $dy=15$ mm
 Maximum value of SAR (measured) = 0.809 W/kg

LTE Band 66 Body Top QPSK 20MHz 1RB 0offset 132322ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
 Reference Value = 15.08 V/m; Power Drift = 0.14 dB
 Peak SAR (extrapolated) = 0.892 W/kg
SAR(1 g) = 0.594 W/kg; SAR(10 g) = 0.375 W/kg
 Smallest distance from peaks to all points 3 dB below = 15.8 mm
 Ratio of SAR at M2 to SAR at M1 = 66.6%
 Maximum value of SAR (measured) = 0.794 W/kg



Test Laboratory:	HCT CO., LTD
EUT Type:	Tablet
Ambient Temperature:	21.8 °C
Liquid Temperature:	21.7 °C
Test Date:	01/03/2025
Plot No.:	A13
Band:	LTE Band 71 MAIN1

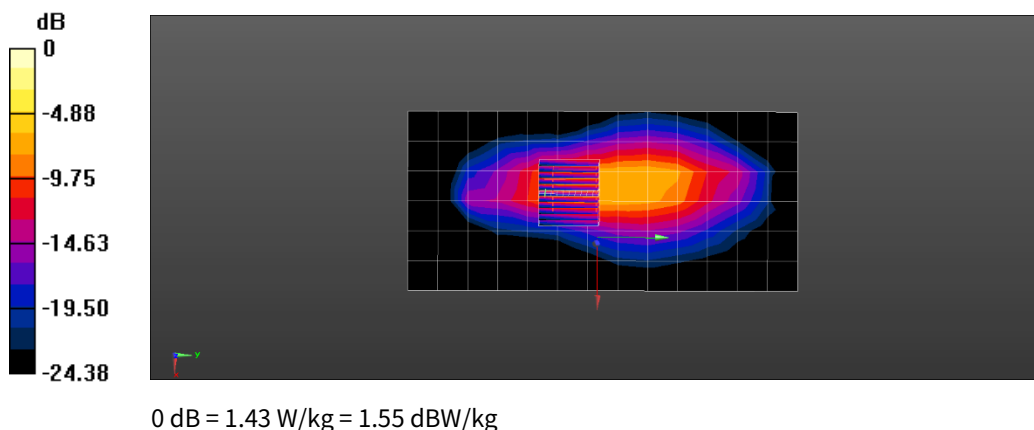
Communication System: UID 10297 - AAE, LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK); Frequency: 680.5 MHz; Duty Cycle: 1:3.80978
Medium parameters used (interpolated): $f = 680.5 \text{ MHz}$; $\sigma = 0.863 \text{ S/m}$; $\epsilon_r = 42.868$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(9.71, 9.03, 9.52) @ 680.5 MHz; Calibrated: 2024-08-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1720; Calibrated: 2024-04-19
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 71 Body Top QPSK 20MHz 50RB 0offset 133297ch/Area Scan (7x14x1): Measurement grid:
 $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.311 W/kg

LTE Band 71 Body Top QPSK 20MHz 50RB 0offset 133297ch/Zoom Scan (11x11x8)/Cube 0:
Measurement grid: $dx=3\text{mm}$, $dy=3\text{mm}$, $dz=1.4\text{mm}$
Reference Value = 19.51 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 4.25 W/kg
SAR(1 g) = 0.544 W/kg; SAR(10 g) = 0.206 W/kg
Smallest distance from peaks to all points 3 dB below = 3.6 mm
Ratio of SAR at M2 to SAR at M1 = 50.8%
Maximum value of SAR (measured) = 1.43 W/kg



Test Laboratory:	HCT CO., LTD
EUT Type:	Tablet
Ambient Temperature:	19.9 °C
Liquid Temperature:	19.7 °C
Test Date:	01/23/2025
Plot No.:	A15
Band:	NR Band n5 MAIN1

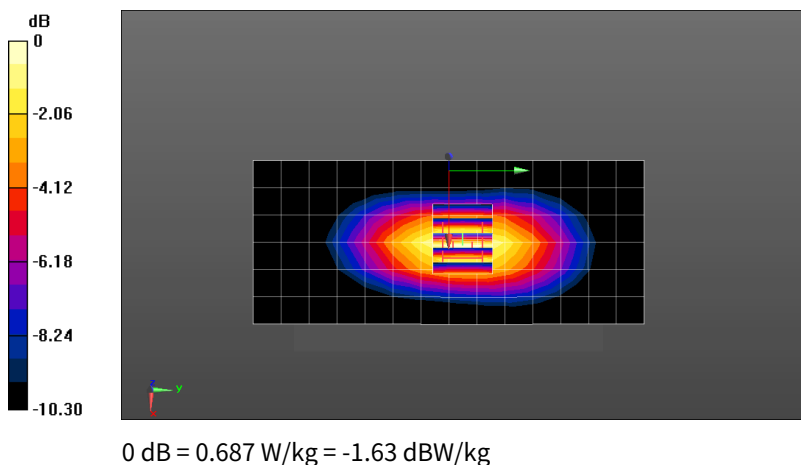
Communication System: UID 10931 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz);
 Frequency: 836.5 MHz; Duty Cycle: 1:3.55795
 Medium parameters used (interpolated): $f = 836.5 \text{ MHz}$; $\sigma = 0.892 \text{ S/m}$; $\epsilon_r = 41.766$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(8.83, 9.11, 8.9) @ 836.5 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- Phantom: ELI V4.0 (20deg probe tilt); Type: QD OVA 001 Bx; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR Band n5 Body Top DFT-s QPSK 20MHz 1RB 1offset 167300ch/Area Scan (7x15x1): Measurement
 grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.648 W/kg

NR Band n5 Body Top DFT-s QPSK 20MHz 1RB 1offset 167300ch/Zoom Scan (5x5x7)/Cube 0:
 Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 28.60 V/m; Power Drift = -0.06 dB
 Peak SAR (extrapolated) = 0.756 W/kg
SAR(1 g) = 0.529 W/kg; SAR(10 g) = 0.355 W/kg
 Smallest distance from peaks to all points 3 dB below = 15.8 mm
 Ratio of SAR at M2 to SAR at M1 = 70.3%
 Maximum value of SAR (measured) = 0.687 W/kg



Test Laboratory:	HCT CO., LTD
EUT Type:	Tablet
Ambient Temperature:	19.8 °C
Liquid Temperature:	19.7 °C
Test Date:	01/08/2025
Plot No.:	A16
Band:	NR Band n25 MAIN1

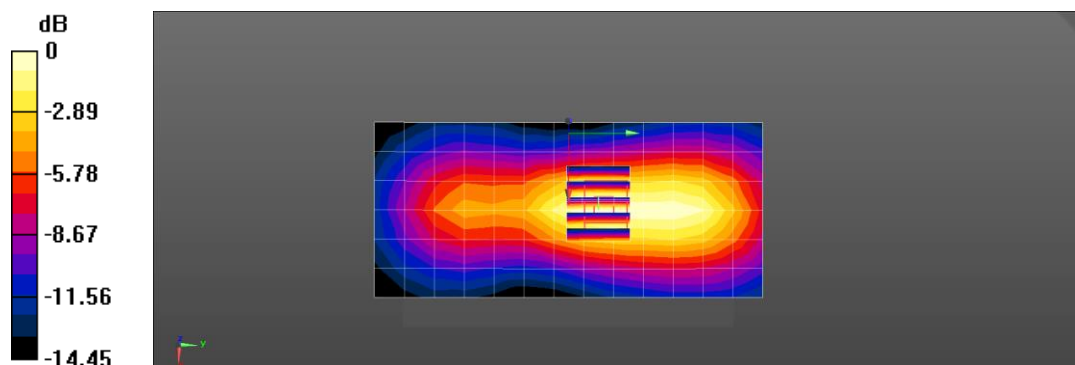
Communication System: UID 10934 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz);
 Frequency: 1882.5 MHz; Duty Cycle: 1:3.55877
 Medium parameters used (interpolated): $f = 1882.5$ MHz; $\sigma = 1.402$ S/m; $\epsilon_r = 41.363$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(7.34, 7.57, 7.4) @ 1882.5 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- Phantom: ELI V4.0 (20deg probe tilt); Type: QD OVA 001 Bx; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR Band n25 Body Top QPSK 40MHz 1RB 108offset 376500ch/Area Scan (7x14x1): Measurement grid:
 dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.647 W/kg

NR Band n25 Body Top QPSK 40MHz 1RB 108offset 376500ch/Zoom Scan (5x5x7)/Cube 0:
 Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 20.69 V/m; Power Drift = -0.04 dB
 Peak SAR (extrapolated) = 0.730 W/kg
SAR(1 g) = 0.471 W/kg; SAR(10 g) = 0.287 W/kg
 Smallest distance from peaks to all points 3 dB below = 14.5 mm
 Ratio of SAR at M2 to SAR at M1 = 64.4%
 Maximum value of SAR (measured) = 0.644 W/kg



0 dB = 0.644 W/kg = -1.91 dBW/kg

Test Laboratory:	HCT CO., LTD
EUT Type:	Tablet
Ambient Temperature:	19.9 °C
Liquid Temperature:	19.7 °C
Test Date:	01/20/2025
Plot No.:	A17
Band:	NR Band n30 MAIN1

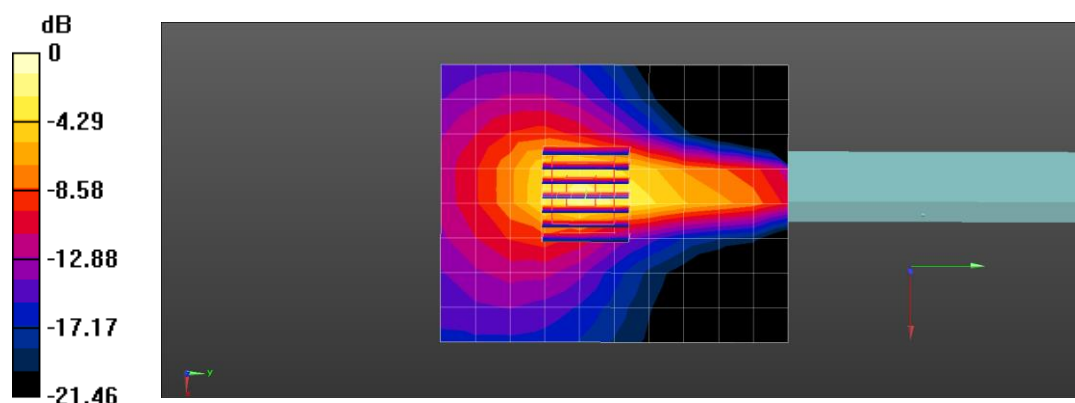
Communication System: UID 10929 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz);
 Frequency: 2310 MHz; Duty Cycle: 1:3.56205
 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.727$ S/m; $\epsilon_r = 39.258$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(7.77, 7.23, 7.61) @ 2310 MHz; Calibrated: 2024-08-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1720; Calibrated: 2024-04-19
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR Band 30 Body Right DFT-s QPSK 10MHz 1RB 26offset 462000ch/Area Scan (9x11x1): Measurement
 grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.475 W/kg

NR Band 30 Body Right DFT-s QPSK 10MHz 1RB 26offset 462000ch/Zoom Scan (7x7x7)/Cube 0:
 Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 1.816 V/m; Power Drift = 0.03 dB
 Peak SAR (extrapolated) = 0.973 W/kg
SAR(1 g) = 0.392 W/kg; SAR(10 g) = 0.173 W/kg
 Smallest distance from peaks to all points 3 dB below = 6.1 mm
 Ratio of SAR at M2 to SAR at M1 = 40%
 Maximum value of SAR (measured) = 0.756 W/kg



0 dB = 0.756 W/kg = -1.21 dBW/kg

Test Laboratory:	HCT CO., LTD
EUT Type:	Tablet
Ambient Temperature:	20.0 °C
Liquid Temperature:	19.9 °C
Test Date:	01/21/2025
Plot No.:	A18
Band:	NR Band n41 MAIN1

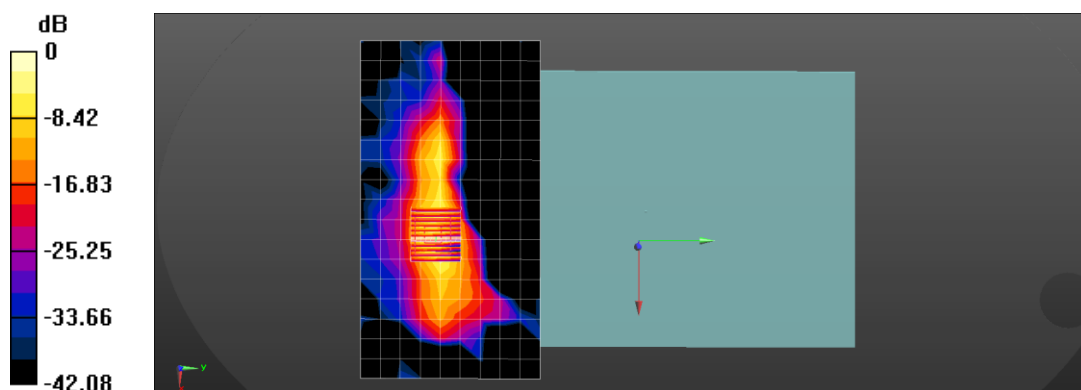
Communication System: UID 10803 - AAF, 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz); Frequency: 2592.99 MHz; Duty Cycle: 1:6.21441
 Medium parameters used (interpolated): $f = 2592.99$ MHz; $\sigma = 1.996$ S/m; $\epsilon_r = 39.173$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(7.35, 6.84, 7.2) @ 2592.99 MHz; Calibrated: 2024-08-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1720; Calibrated: 2024-04-19
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR Band n41 Body Rear CP QPSK 100MHz 1RB 1offset 518598ch/Area Scan (18x10x1): Measurement
 grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.880 W/kg

NR Band n41 Body Rear CP QPSK 100MHz 1RB 1offset 518598ch/Zoom Scan (11x11x11)/Cube 0:
 Measurement grid: dx=3mm, dy=3mm, dz=3mm
 Reference Value = 0 V/m; Power Drift = 0.00 dB
 Peak SAR (extrapolated) = 2.01 W/kg
SAR(1 g) = 0.574 W/kg; SAR(10 g) = 0.193 W/kg
 Smallest distance from peaks to all points 3 dB below = 4.2 mm
 Ratio of SAR at M2 to SAR at M1 = 46%
 Maximum value of SAR (measured) = 1.34 W/kg



0 dB = 1.34 W/kg = 1.27 dBW/kg

Test Laboratory:	HCT CO., LTD
EUT Type:	Tablet
Ambient Temperature:	20.5 °C
Liquid Temperature:	20.4 °C
Test Date:	02/06/2025
Plot No.:	A19
Band:	NR Band n48 MAIN2

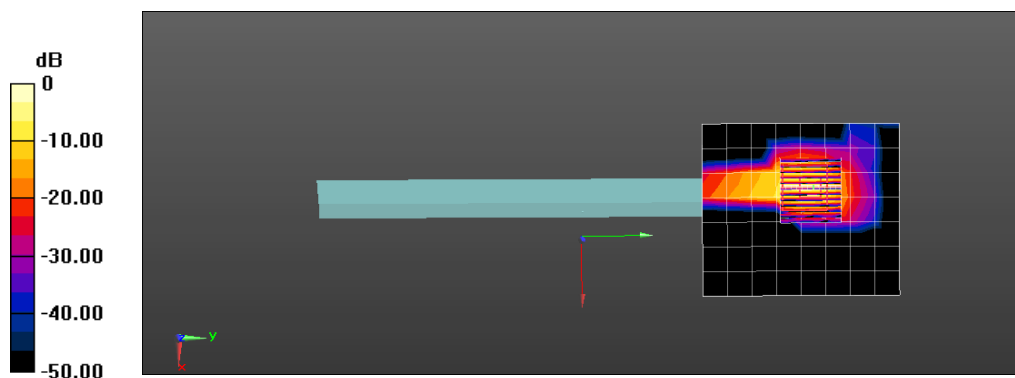
Communication System: UID 10903 - AAD, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz);
 Frequency: 3624.99 MHz; Duty Cycle: 1:3.69999
 Medium parameters used (interpolated): $f = 3624.99$ MHz; $\sigma = 2.953$ S/m; $\epsilon_r = 38.724$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(6.86, 6.38, 6.72) @ 3624.99 MHz; Calibrated: 2024-08-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1720; Calibrated: 2024-04-19
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR Band n48 Body Right DFT-s QPSK 40MHz 1RB 1offset 641666ch/Area Scan (8x9x1): Measurement
 grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.785 W/kg

NR Band n48 Body Right DFT-s QPSK 40MHz 1RB 1offset 641666ch/Zoom Scan (12x12x8)/Cube 0:
 Measurement grid: dx=2.7mm, dy=2.7mm, dz=1.4mm
 Reference Value = 0 V/m; Power Drift = 0.00 dB
 Peak SAR (extrapolated) = 5.28 W/kg
SAR(1 g) = 0.989 W/kg; SAR(10 g) = 0.261 W/kg
 Smallest distance from peaks to all points 3 dB below = 4.3 mm
 Ratio of SAR at M2 to SAR at M1 = 61.2%
 Maximum value of SAR (measured) = 2.88 W/kg



0 dB = 2.88 W/kg = 4.59 dBW/kg

Test Laboratory:	HCT CO., LTD
EUT Type:	Tablet
Ambient Temperature:	20.5 °C
Liquid Temperature:	20.3 °C
Test Date:	01/09/2025
Plot No.:	A20
Band:	NR Band n66 MAIN1

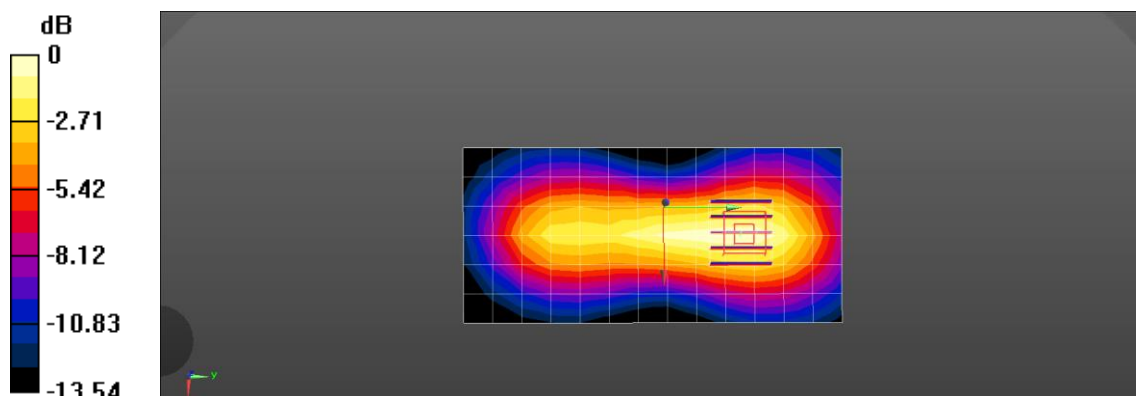
Communication System: UID 10934 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz);
 Frequency: 1745 MHz; Duty Cycle: 1:3.55877
 Medium parameters used (interpolated): $f = 1745 \text{ MHz}$; $\sigma = 1.327 \text{ S/m}$; $\epsilon_r = 41.645$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(7.59, 7.83, 7.65) @ 1745 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- Phantom: ELI V4.0 (20deg probe tilt); Type: QD OVA 001 Bx; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR Band n66 Body Top QPSK 40MHz 1RB 108offset 349000ch/Area Scan (7x14x1): Measurement grid:
 $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.701 W/kg

NR Band n66 Body Top QPSK 40MHz 1RB 108offset 349000ch/Zoom Scan (5x5x7)/Cube 0:
 Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 21.97 V/m; Power Drift = 0.02 dB
 Peak SAR (extrapolated) = 0.798 W/kg
SAR(1 g) = 0.526 W/kg; SAR(10 g) = 0.329 W/kg
 Smallest distance from peaks to all points 3 dB below = 16.1 mm
 Ratio of SAR at M2 to SAR at M1 = 65.6%
 Maximum value of SAR (measured) = 0.711 W/kg



0 dB = 0.711 W/kg = -1.48 dBW/kg

Test Laboratory:	HCT CO., LTD
EUT Type:	Tablet
Ambient Temperature:	20.9 °C
Liquid Temperature:	20.8 °C
Test Date:	02/05/2025
Plot No.:	A21
Band:	NR Band n70 MAIN1

Communication System: UID 10930 - AAC, 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz);
Frequency: 1702.5 MHz; Duty Cycle: 1:3.56205
Medium parameters used (interpolated): $f = 1702.5$ MHz; $\sigma = 1.333$ S/m; $\epsilon_r = 39.504$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(8.47, 7.87, 8.3) @ 1702.5 MHz; Calibrated: 2024-08-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1720; Calibrated: 2024-04-19
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR Band n70 Body Top QPSK 15MHz 1RB 77offset 340500ch/Area Scan (7x14x1): Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.696 W/kg

NR Band n70 Body Top QPSK 15MHz 1RB 77offset 340500ch/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.62 V/m; Power Drift = -0.01 dB

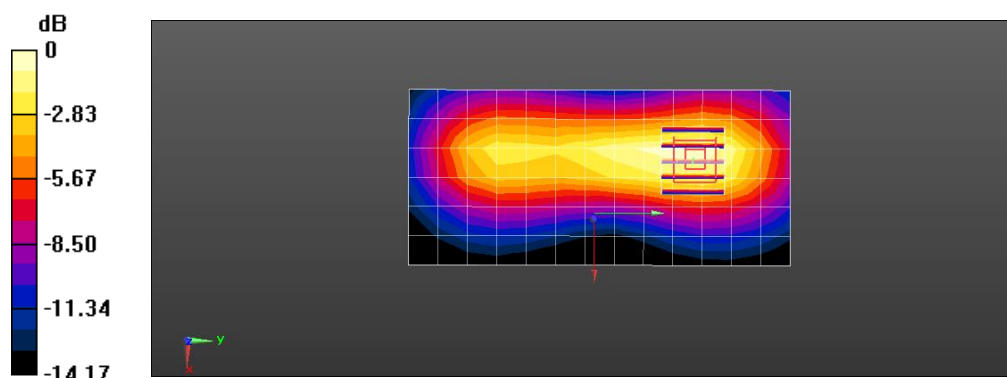
Peak SAR (extrapolated) = 0.857 W/kg

SAR(1 g) = 0.541 W/kg; SAR(10 g) = 0.331 W/kg

Smallest distance from peaks to all points 3 dB below = 15.8 mm

Ratio of SAR at M2 to SAR at M1 = 63.5%

Maximum value of SAR (measured) = 0.745 W/kg



0 dB = 0.745 W/kg = -1.28 dBW/kg

Test Laboratory:	HCT CO., LTD
EUT Type:	Tablet
Ambient Temperature:	20.0 °C
Liquid Temperature:	19.8 °C
Test Date:	01/16/2025
Plot No.:	A22
Band:	NR Band n71 MAIN1

Communication System: UID 10770 - AAE, 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz); Frequency: 680.5 MHz; Duty Cycle: 1:6.3387
 Medium parameters used (interpolated): $f = 680.5$ MHz; $\sigma = 0.886$ S/m; $\epsilon_r = 42.898$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

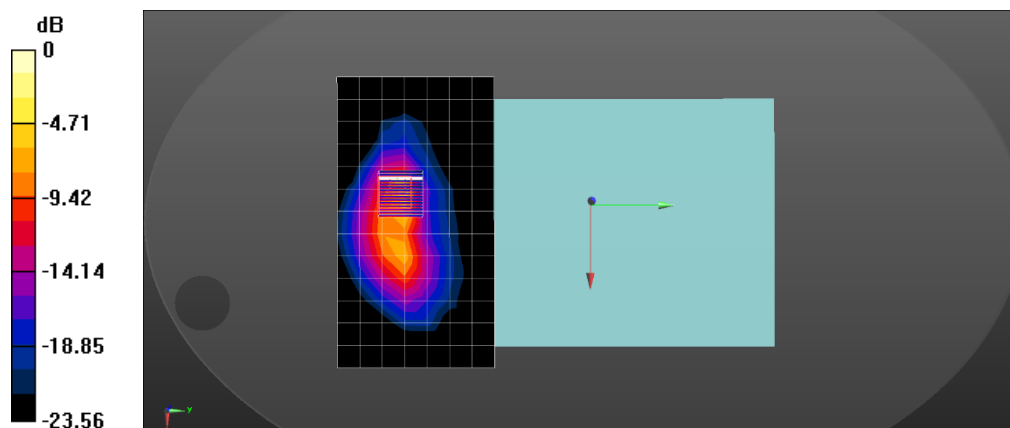
DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(9.16, 9.45, 9.24) @ 680.5 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- Phantom: ELI V4.0 (20deg probe tilt); Type: QD OVA 001 Bx; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR Band n71 Body Rear CP QPSK 20MHz 1RB 1offset 136100ch/Area Scan (14x8x1): Measurement grid:
 $dx=15$ mm, $dy=15$ mm
 Maximum value of SAR (measured) = 0.617 W/kg

NR Band n71 Body Rear CP QPSK 20MHz 1RB 1offset 136100ch/Zoom Scan (15x15x22)/Cube

0: Measurement grid: $dx=2.1$ mm, $dy=2.1$ mm, $dz=1.4$ mm
 Reference Value = 0 V/m; Power Drift = 0.00 dB
 Peak SAR (extrapolated) = 8.69 W/kg
SAR(1 g) = 0.539 W/kg; SAR(10 g) = 0.188 W/kg
 Smallest distance from peaks to all points 3 dB below = 3.2 mm
 Ratio of SAR at M2 to SAR at M1 = 40%
 Maximum value of SAR (measured) = 1.74 W/kg



0 dB = 1.74 W/kg = 2.41 dBW/kg

Test Laboratory:	HCT CO., LTD
EUT Type:	Tablet
Ambient Temperature:	20.4 °C
Liquid Temperature:	20.3 °C
Test Date:	02/07/2025
Plot No.:	A23
Band:	NR Band n77 SUB2

Communication System: UID 10866 - AAF, 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz);
Frequency: 3500.01 MHz; Duty Cycle: 1:3.69913
Medium parameters used (interpolated): $f = 3500.01$ MHz; $\sigma = 2.869$ S/m; $\epsilon_r = 38.756$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

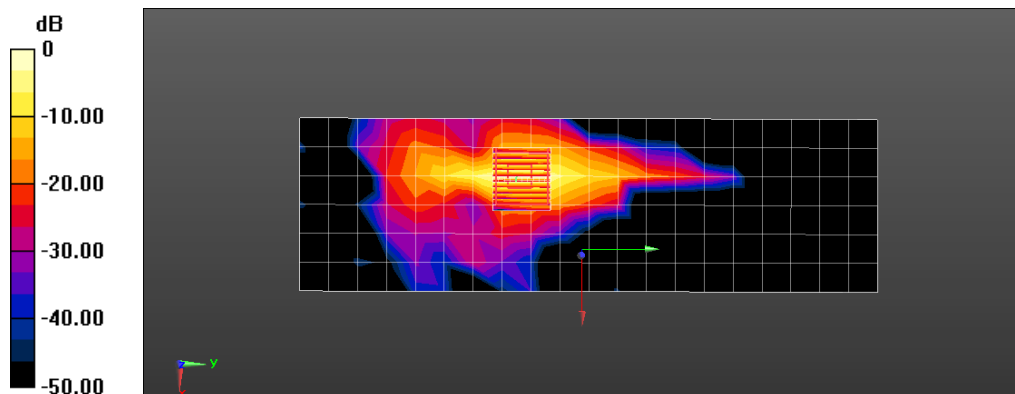
- Probe: EX3DV4 - SN7679; ConvF(7.02, 6.53, 6.88) @ 3500.01 MHz; Calibrated: 2024-08-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1720; Calibrated: 2024-04-19
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR Band n77 Body Bottom DFT-s QPSK 100MHz 1RB 1offset 633334ch/Area Scan (7x21x1):

Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 2.08 W/kg

NR Band n77 Body Bottom DFT-s QPSK 100MHz 1RB 1offset 633334ch/Zoom Scan (11x11x7)/Cube 0:

Measurement grid: dx=2.4mm, dy=2.4mm, dz=1.4mm
Reference Value = 2.812 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 4.93 W/kg
SAR(1 g) = 0.912 W/kg; SAR(10 g) = 0.252 W/kg
Smallest distance from peaks to all points 3 dB below = 3.8 mm
Ratio of SAR at M2 to SAR at M1 = 60.3%
Maximum value of SAR (measured) = 2.66 W/kg



0 dB = 2.66 W/kg = 4.25 dBW/kg

Test Laboratory:	HCT CO., LTD
EUT Type:	Tablet
Ambient Temperature:	20.2 °C
Liquid Temperature:	20.1 °C
Test Date:	02/04/2025
Plot No.:	A24
Band:	WLAN 2.4 GHz ANT1+2

Communication System: UID 10415 - AAA, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle);
Frequency: 2412 MHz; Duty Cycle: 1:1.4243
Medium parameters used (interpolated): $f = 2412 \text{ MHz}$; $\sigma = 1.753 \text{ S/m}$; $\epsilon_r = 38.826$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(7.5, 6.97, 7.35) @ 2412 MHz; Calibrated: 2024-08-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1720; Calibrated: 2024-04-19
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

802.11b Body Right 1Mbps 1ch/Area Scan (61x101x1): Interpolated grid: $dx=1.200 \text{ mm}$, $dy=1.200 \text{ mm}$
Maximum value of SAR (interpolated) = 1.10 W/kg

802.11b Body Right 1Mbps 1ch/Zoom Scan (11x11x8)/Cube 0: Measurement grid: $dx=3\text{mm}$, $dy=3\text{mm}$, $dz=1.4\text{mm}$

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

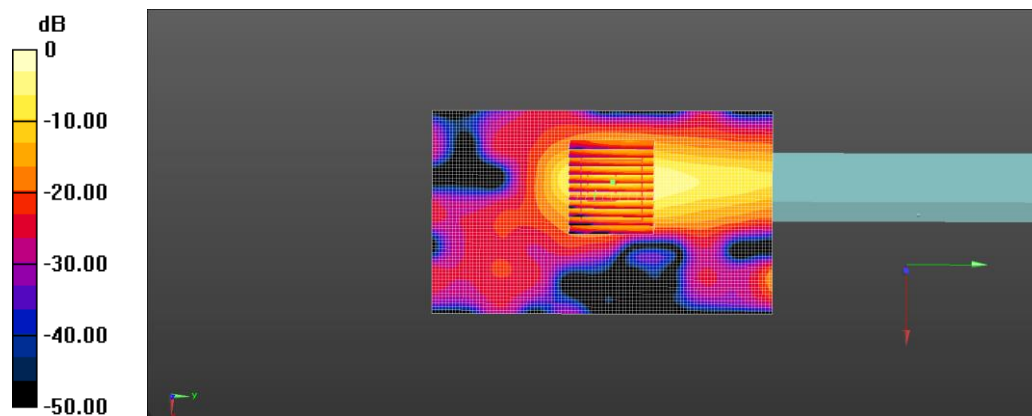
Peak SAR (extrapolated) = 2.34 W/kg

SAR(1 g) = 0.550 W/kg; SAR(10 g) = 0.195 W/kg

Smallest distance from peaks to all points 3 dB below = 4.8 mm

Ratio of SAR at M2 to SAR at M1 = 66%

Maximum value of SAR (measured) = 1.21 W/kg



0 dB = 1.21 W/kg = 0.83 dBW/kg

Test Laboratory:	HCT CO., LTD
EUT Type:	Tablet
Ambient Temperature:	20.0 °C
Liquid Temperature:	19.8 °C
Test Date:	01/27/2025
Plot No.:	A25
Band:	WLAN 5 GHz ANT.2

Communication System: UID 10626 - AAD, IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle);
 Frequency: 5610 MHz; Duty Cycle: 1:7.6366
 Medium parameters used: $f = 5610 \text{ MHz}$; $\sigma = 5.213 \text{ S/m}$; $\epsilon_r = 34.511$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7309; ConvF(5.04, 4.62, 5.33) @ 5610 MHz; Calibrated: 2024-06-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- Phantom: ELI V4.0 (20deg probe tilt); Type: QD OVA 001 Bx; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

802.11ac80 Body Left MCS0 122ch/Area Scan (71x101x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 1.74 W/kg

802.11ac80 Body Left MCS0 122ch/Zoom Scan (11x11x7)/Cube 0: Measurement grid: $dx=2.4\text{mm}$, $dy=2.4\text{mm}$, $dz=1.4\text{mm}$

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

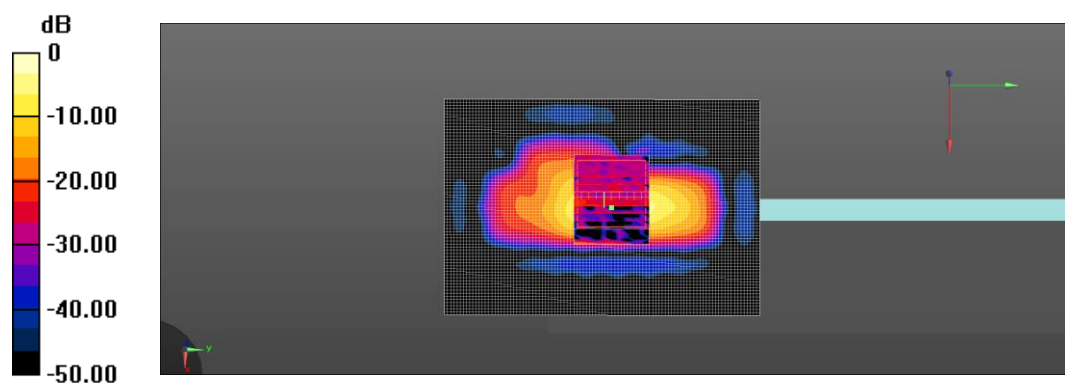
Peak SAR (extrapolated) = 4.74 W/kg

SAR(1 g) = 0.587 W/kg; SAR(10 g) = 0.125 W/kg

Smallest distance from peaks to all points 3 dB below = 3.7 mm

Ratio of SAR at M2 to SAR at M1 = 51.3%

Maximum value of SAR (measured) = 2.04 W/kg



0 dB = 2.04 W/kg = 3.10 dBW/kg

Test Laboratory:	HCT CO., LTD
EUT Type:	Tablet
Ambient Temperature:	19.9 °C
Liquid Temperature:	19.7 °C
Test Date:	01/23/2025
Plot No.:	A26
Band:	Bluetooth ANT.1

Communication System: UID 10032 - CAA, IEEE 802.15.1 Bluetooth (GFSK, DH5); Frequency: 2480 MHz; Duty Cycle: 1:1.30557
 Medium parameters used: $f = 2480 \text{ MHz}$; $\sigma = 1.859 \text{ S/m}$; $\epsilon_r = 39.276$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(7.5, 6.97, 7.35) @ 2480 MHz; Calibrated: 2024-08-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1720; Calibrated: 2024-04-19
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Bluetooth Body Rear DH5 78ch/Area Scan (171x91x1): Interpolated grid: $dx=1.200 \text{ mm}$, $dy=1.200 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.662 W/kg

Bluetooth Body Rear DH5 78ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

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

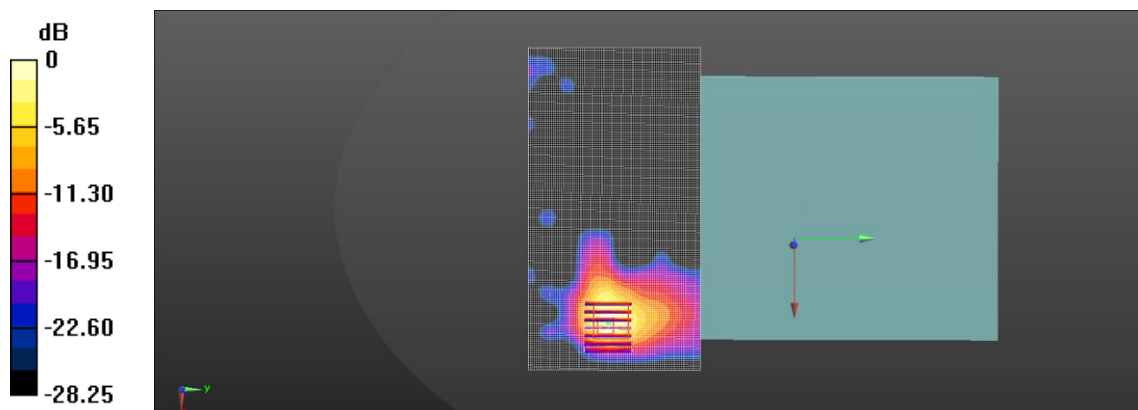
Peak SAR (extrapolated) = 0.843 W/kg

SAR(1 g) = 0.295 W/kg; SAR(10 g) = 0.133 W/kg

Smallest distance from peaks to all points 3 dB below = 5.4 mm

Ratio of SAR at M2 to SAR at M1 = 36.1%

Maximum value of SAR (measured) = 0.589 W/kg



0 dB = 0.589 W/kg = -2.30 dBW/kg

Appendix C. – Dipole Verification Plots

■ Verification Data (750 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 21.5 °C
Test Date: 01/02/2025
Band: LTE Band 12 MAIN1

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.886 \text{ S/m}$; $\epsilon_r = 42.562$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(9.71, 9.03, 9.52) @ 750 MHz; Calibrated: 2024-08-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1720; Calibrated: 2024-04-19
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

750MHz Head Verification/Area Scan (5x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.512 W/kg

750MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 26.37 V/m; Power Drift = -0.05 dB

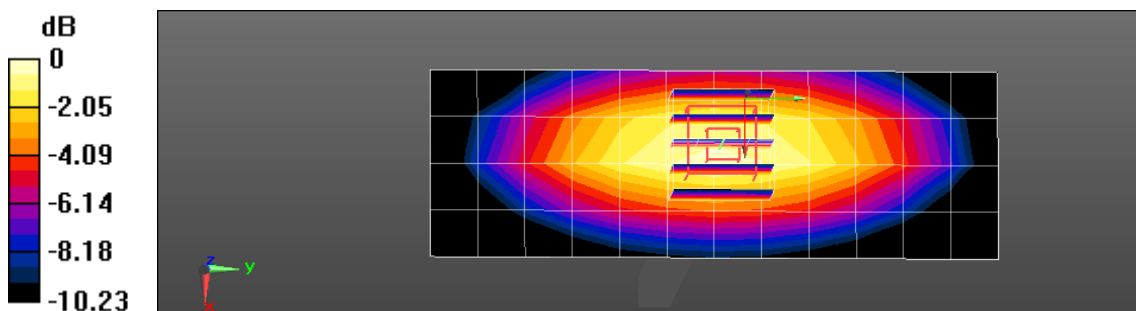
Peak SAR (extrapolated) = 0.613 W/kg

SAR(1 g) = 0.423 W/kg; SAR(10 g) = 0.280 W/kg

Smallest distance from peaks to all points 3 dB below = 16 mm

Ratio of SAR at M2 to SAR at M1 = 68.5%

Maximum value of SAR (measured) = 0.556 W/kg



0 dB = 0.556 W/kg = -2.55 dBW/kg

■ Verification Data (750 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 21.7 °C
Test Date: 01/03/2025
Band: LTE Band 71 MAIN1

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.909 \text{ S/m}$; $\epsilon_r = 42.23$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(9.71, 9.03, 9.52) @ 750 MHz; Calibrated: 2024-08-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1720; Calibrated: 2024-04-19
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

750MHz Head Verification/Area Scan (5x13x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.492 W/kg

750MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.42 V/m; Power Drift = 0.02 dB

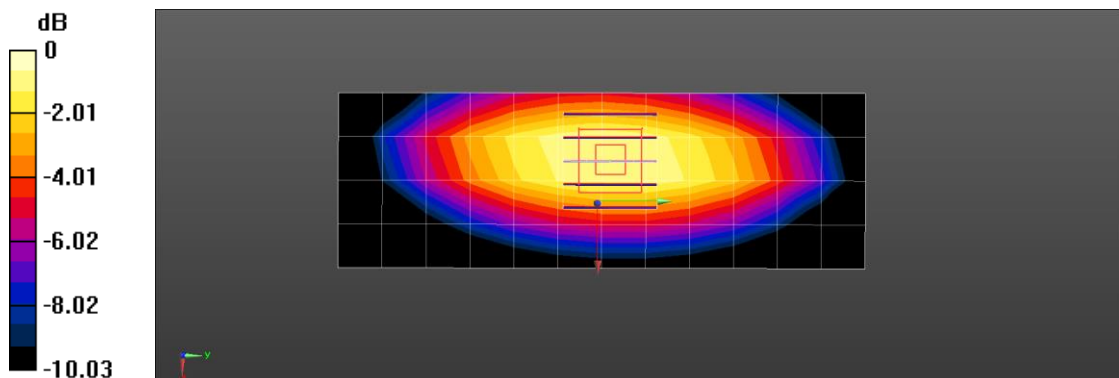
Peak SAR (extrapolated) = 0.635 W/kg

SAR(1 g) = 0.440 W/kg; SAR(10 g) = 0.293 W/kg

Smallest distance from peaks to all points 3 dB below = 17.9 mm

Ratio of SAR at M2 to SAR at M1 = 68.8%

Maximum value of SAR (measured) = 0.575 W/kg



0 dB = 0.575 W/kg = -2.40 dBW/kg

■ Verification Data (750 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 20.3 °C
Test Date: 01/10/2025
Band: LTE Band 13 MAIN1

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.891 \text{ S/m}$; $\epsilon_r = 42.171$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(9.71, 9.03, 9.52) @ 750 MHz; Calibrated: 2024-08-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1720; Calibrated: 2024-04-19
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

750MHz Head Verification/Area Scan (5x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.535 W/kg

750MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 26.03 V/m; Power Drift = 0.03 dB

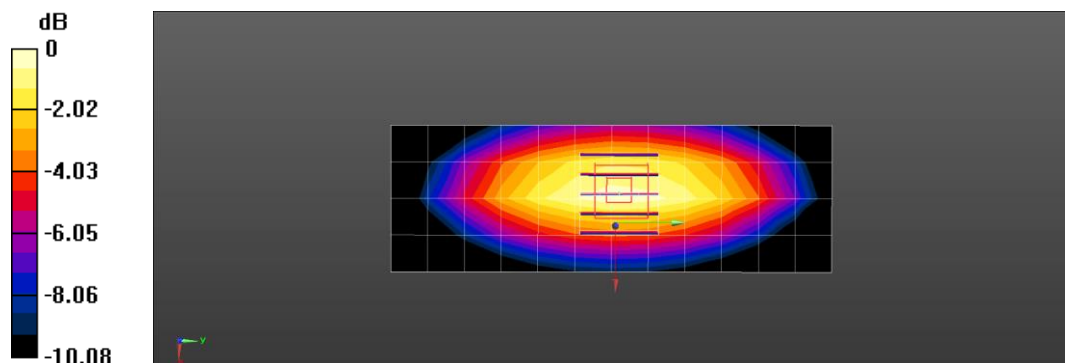
Peak SAR (extrapolated) = 0.625 W/kg

SAR(1 g) = 0.433 W/kg; SAR(10 g) = 0.289 W/kg

Smallest distance from peaks to all points 3 dB below = 17.6 mm

Ratio of SAR at M2 to SAR at M1 = 69.2%

Maximum value of SAR (measured) = 0.563 W/kg



0 dB = 0.563 W/kg = -2.49 dBW/kg

■ Verification Data (750 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 20.0 °C
Test Date: 01/13/2025
Band: LTE Band 14 MAIN1

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.889 \text{ S/m}$; $\epsilon_r = 42.746$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(9.71, 9.03, 9.52) @ 750 MHz; Calibrated: 2024-08-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1720; Calibrated: 2024-04-19
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

750MHz Head Verification/Area Scan (5x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.530 W/kg

750MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 26.11 V/m; Power Drift = 0.02 dB

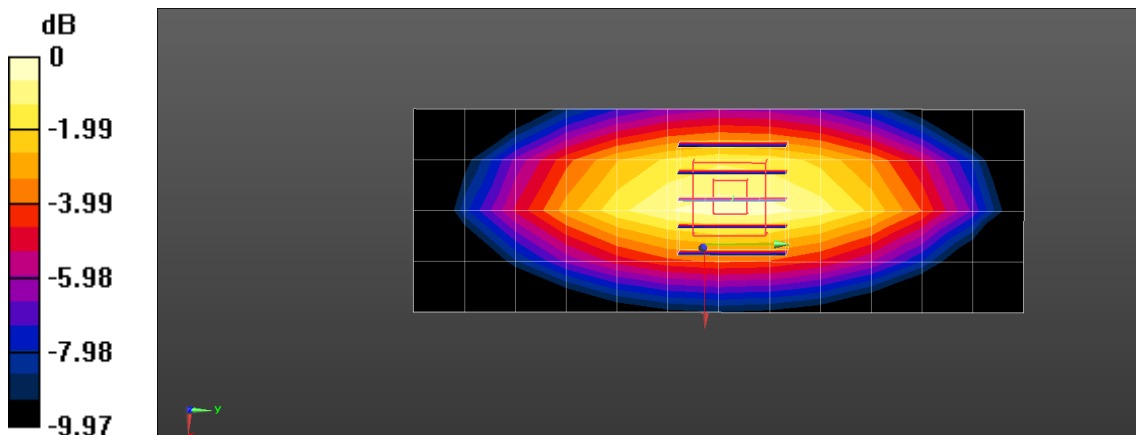
Peak SAR (extrapolated) = 0.627 W/kg

SAR(1 g) = 0.435 W/kg; SAR(10 g) = 0.290 W/kg

Smallest distance from peaks to all points 3 dB below = 17.2 mm

Ratio of SAR at M2 to SAR at M1 = 69%

Maximum value of SAR (measured) = 0.568 W/kg



0 dB = 0.568 W/kg = -2.46 dBW/kg

Verification Data (835 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 19.7 °C
Test Date: 01/06/2025
Band: UMTS Band 5 MAIN1

Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 835$ MHz; $\sigma = 0.912$ S/m; $\epsilon_r = 42.505$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(8.83, 9.11, 8.9) @ 835 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- Phantom: ELI V4.0 (20deg probe tilt); Type: QD OVA 001 Bx; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

835MHz Head Verification/Area Scan (6x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.580 W/kg

Dipole/835MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.59 V/m; Power Drift = -0.05 dB

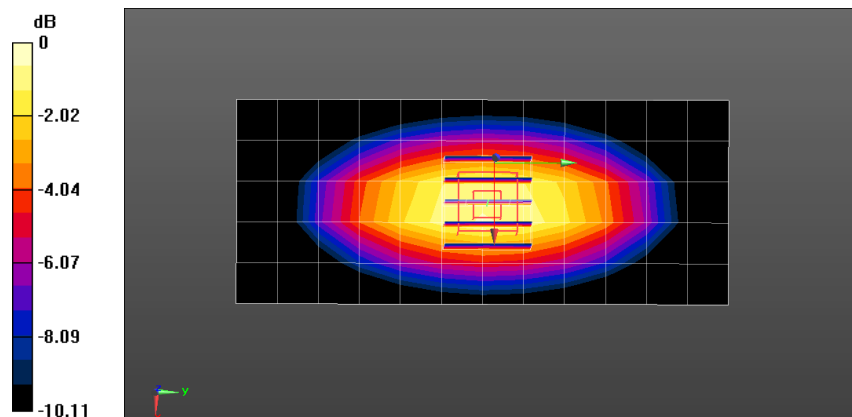
Peak SAR (extrapolated) = 0.728 W/kg

SAR(1 g) = 0.505 W/kg; SAR(10 g) = 0.335 W/kg

Smallest distance from peaks to all points 3 dB below = 16 mm

Ratio of SAR at M2 to SAR at M1 = 69%

Maximum value of SAR (measured) = 0.662 W/kg



0 dB = 0.662 W/kg = -1.79 dBW/kg

■ Verification Data (835 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 19.8 °C
Test Date: 01/14/2025
Band: LTE Band 26 MAIN1

Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 835$ MHz; $\sigma = 0.93$ S/m; $\epsilon_r = 41.999$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(9.44, 8.78, 9.25) @ 835 MHz; Calibrated: 2024-08-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1720; Calibrated: 2024-04-19
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

835MHz Head Verification/Area Scan (5x13x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.592 W/kg

835MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.76 V/m; Power Drift = -0.00 dB

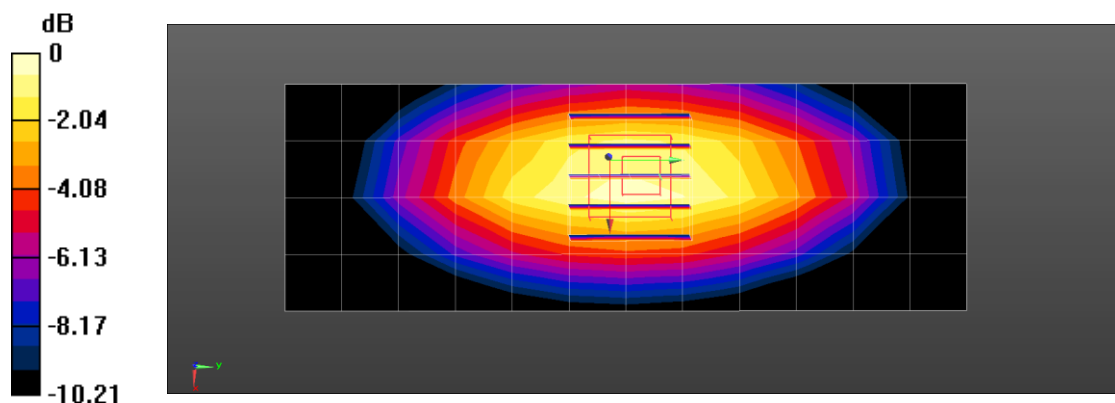
Peak SAR (extrapolated) = 0.698 W/kg

SAR(1 g) = 0.485 W/kg; SAR(10 g) = 0.327 W/kg

Smallest distance from peaks to all points 3 dB below = 16 mm

Ratio of SAR at M2 to SAR at M1 = 69.5%

Maximum value of SAR (measured) = 0.633 W/kg



0 dB = 0.633 W/kg = -1.99 dBW/kg

■ Verification Data (1 800 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 19.4 °C
Test Date: 01/03/2025
Band: UMTS Band 4 MAIN1

Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1800 \text{ MHz}$; $\sigma = 1.435 \text{ S/m}$; $\epsilon_r = 41.583$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(7.59, 7.83, 7.65) @ 1800 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- Phantom: ELI V4.0 (20deg probe tilt); Type: QD OVA 001 Bx; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

1800MHz Head Verification/Area Scan (7x7x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 2.81 W/kg

1800MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 47.05 V/m; Power Drift = -0.18 dB

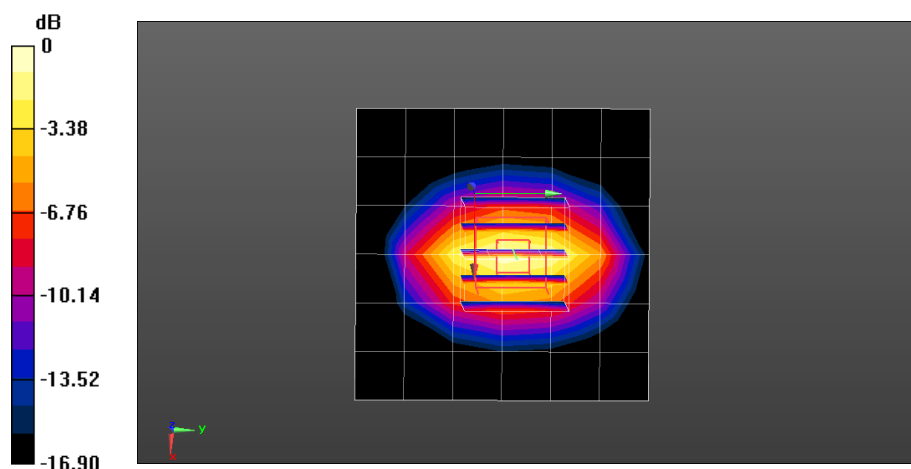
Peak SAR (extrapolated) = 3.33 W/kg

SAR(1 g) = 1.93 W/kg; SAR(10 g) = 1.03 W/kg

Smallest distance from peaks to all points 3 dB below = 10.7 mm

Ratio of SAR at M2 to SAR at M1 = 58%

Maximum value of SAR (measured) = 2.89 W/kg



0 dB = 2.89 W/kg = 4.61 dBW/kg

■ Verification Data (1 800 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 20.5 °C
Test Date: 01/10/2025
Band: LTE Band 66 MAIN1

Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1800$ MHz; $\sigma = 1.385$ S/m; $\epsilon_r = 40.498$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(7.59, 7.83, 7.65) @ 1800 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- Phantom: ELI V4.0 (20deg probe tilt); Type: QD OVA 001 Bx; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

1800MHz Head Verification/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 2.83 W/kg

1800MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 47.41 V/m; Power Drift = -0.10 dB

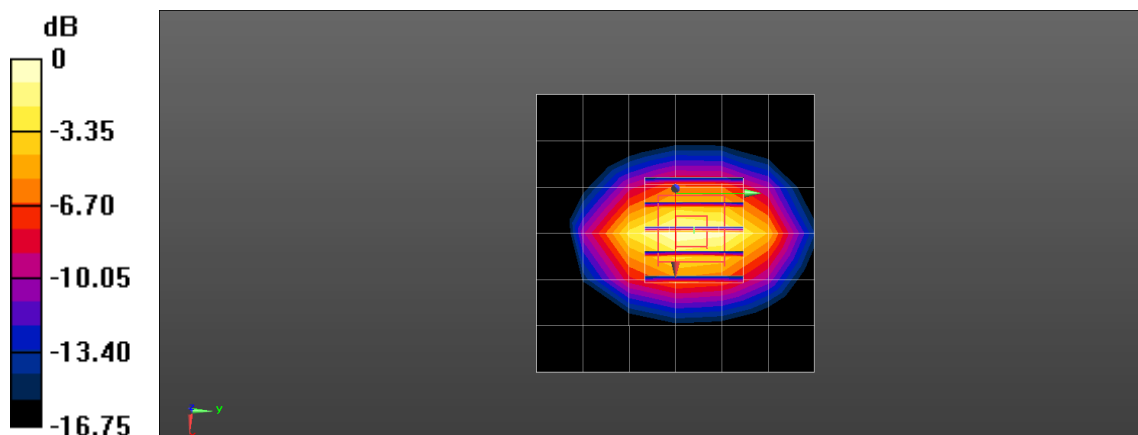
Peak SAR (extrapolated) = 3.35 W/kg

SAR(1 g) = 1.94 W/kg; SAR(10 g) = 1.04 W/kg

Smallest distance from peaks to all points 3 dB below = 10.1 mm

Ratio of SAR at M2 to SAR at M1 = 58%

Maximum value of SAR (measured) = 2.91 W/kg



0 dB = 2.91 W/kg = 4.64 dBW/kg

■ Verification Data (1 800 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 20.2 °C
Test Date: 01/20/2025
Band: LTE Band 66 SUB1

Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1800$ MHz; $\sigma = 1.345$ S/m; $\epsilon_r = 40.298$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(7.59, 7.83, 7.65) @ 1800 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- Phantom: ELI V4.0 (20deg probe tilt); Type: QD OVA 001 Bx; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

1800MHz Head Verification/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 2.71 W/kg

1800MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 47.39 V/m; Power Drift = -0.11 dB

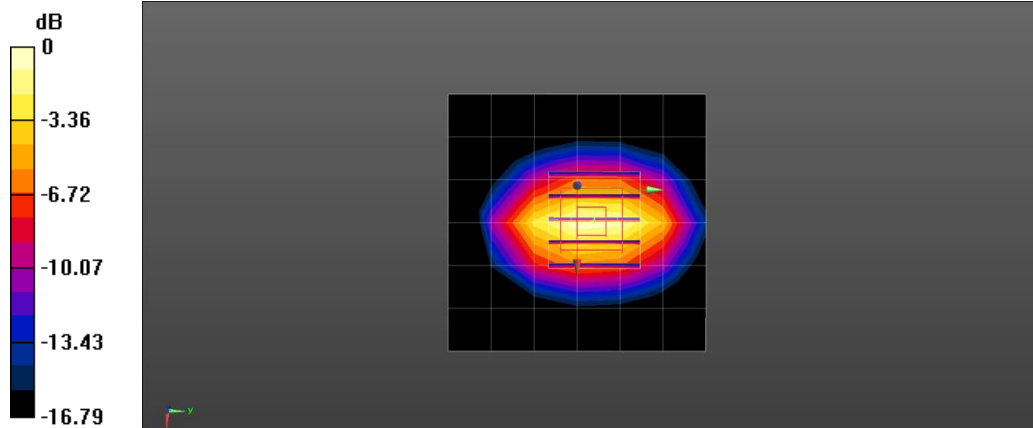
Peak SAR (extrapolated) = 3.27 W/kg

SAR(1 g) = 1.89 W/kg; SAR(10 g) = 1.02 W/kg

Smallest distance from peaks to all points 3 dB below = 10.1 mm

Ratio of SAR at M2 to SAR at M1 = 57.7%

Maximum value of SAR (measured) = 2.85 W/kg



0 dB = 2.85 W/kg = 4.55 dBW/kg

■ Verification Data (1 900 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 19.4 °C
Test Date: 01/02/2025
Band: UMTS Band 2 MAIN1

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.411$ S/m; $\epsilon_r = 40.129$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(7.34, 7.57, 7.4) @ 1900 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- Phantom: ELI V4.0 (20deg probe tilt); Type: QD OVA 001 Bx; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

1900MHz Head Verification/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 2.59 W/kg

1900MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 45.45 V/m; Power Drift = -0.14 dB

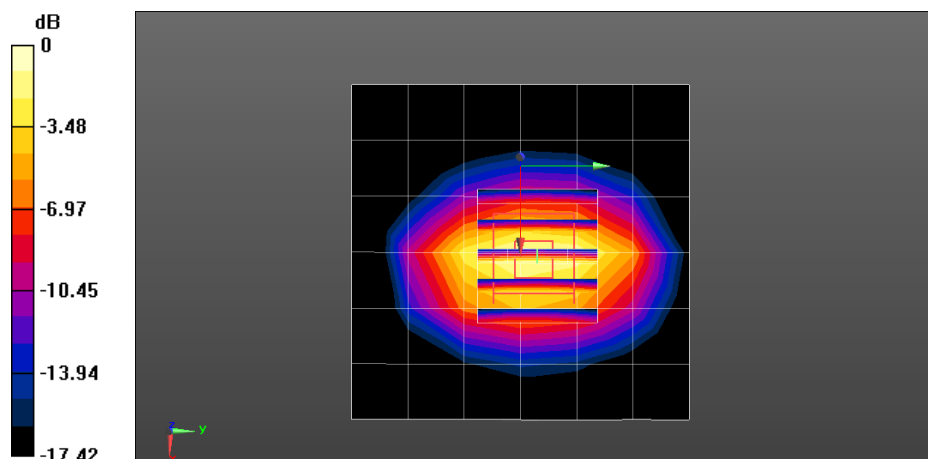
Peak SAR (extrapolated) = 3.32 W/kg

SAR(1 g) = 1.9 W/kg; SAR(10 g) = 1 W/kg

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 57.2%

Maximum value of SAR (measured) = 2.88 W/kg



0 dB = 2.88 W/kg = 4.59 dBW/kg

■ Verification Data (1 900 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 19.5 °C
Test Date: 01/07/2025
Band: LTE Band 25 MAIN1

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.418$ S/m; $\epsilon_r = 41.174$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(7.34, 7.57, 7.4) @ 1900 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- Phantom: ELI V4.0 (20deg probe tilt); Type: QD OVA 001 Bx; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

1900MHz Head Verification/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 3.07 W/kg

1900MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 49.21 V/m; Power Drift = -0.12 dB

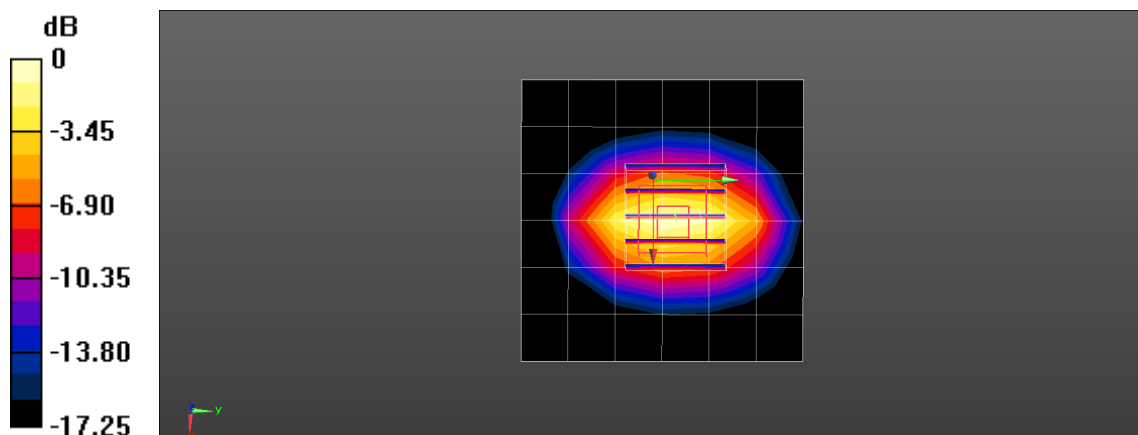
Peak SAR (extrapolated) = 3.59 W/kg

SAR(1 g) = 2.08 W/kg; SAR(10 g) = 1.11 W/kg

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 57.7%

Maximum value of SAR (measured) = 3.13 W/kg



0 dB = 3.13 W/kg = 4.96 dBW/kg

■ Verification Data (1 900 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 20.0 °C
Test Date: 01/17/2025
Band: LTE Band 25 SUB1

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1900$ MHz; $\sigma = 1.418$ S/m; $\epsilon_r = 40.475$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(7.34, 7.57, 7.4) @ 1900 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- Phantom: ELI V4.0 (20deg probe tilt); Type: QD OVA 001 Bx; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

1900MHz Head Verification/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 3.09 W/kg

1900MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 49.32 V/m; Power Drift = -0.10 dB

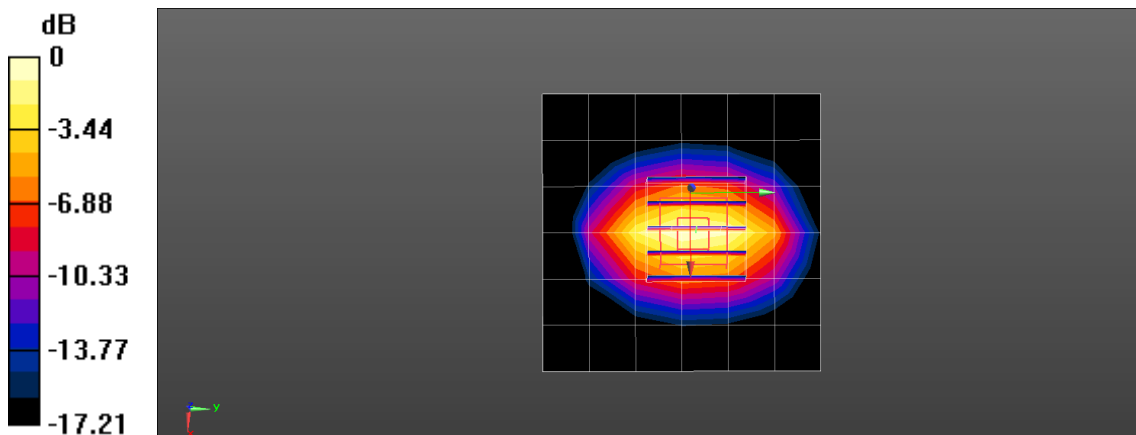
Peak SAR (extrapolated) = 3.60 W/kg

SAR(1 g) = 2.08 W/kg; SAR(10 g) = 1.11 W/kg

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 57.5%

Maximum value of SAR (measured) = 3.13 W/kg



0 dB = 3.13 W/kg = 4.96 dBW/kg

■ Verification Data (2 300 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 19.5 °C
Test Date: 01/16/2025
Band: LTE Band 30 MAIN1

Communication System: UID 0, CW (0); Frequency: 2300 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2300$ MHz; $\sigma = 1.718$ S/m; $\epsilon_r = 39.303$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(7.77, 7.23, 7.61) @ 2300 MHz; Calibrated: 2024-08-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1720; Calibrated: 2024-04-19
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

2300MHz Head Verification/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 3.78 W/kg

2300MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 44.16 V/m; Power Drift = 0.12 dB

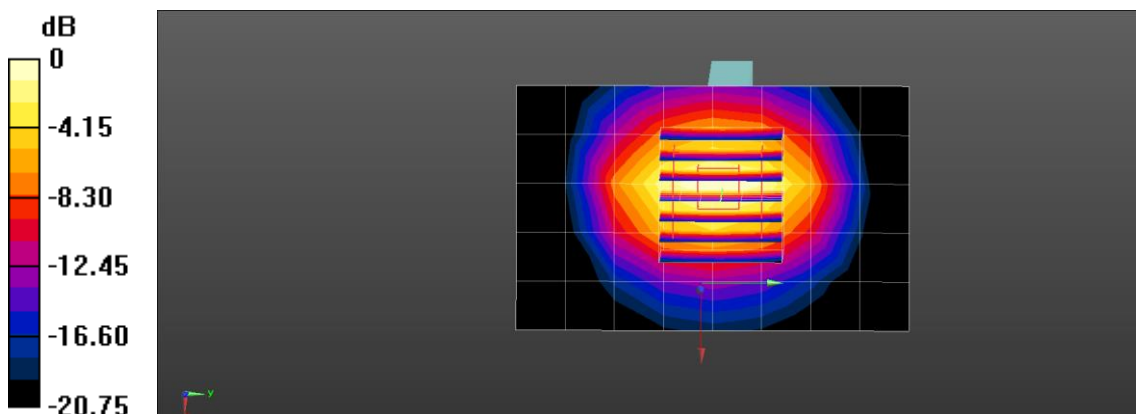
Peak SAR (extrapolated) = 4.53 W/kg

SAR(1 g) = 2.36 W/kg; SAR(10 g) = 1.13 W/kg

Smallest distance from peaks to all points 3 dB below = 9 mm

Ratio of SAR at M2 to SAR at M1 = 52.3%

Maximum value of SAR (measured) = 3.79 W/kg



0 dB = 3.79 W/kg = 5.79 dBW/kg

■ Verification Data (2 300 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 19.7 °C
Test Date: 01/22/2025
Band: LTE Band 30 SUB1

Communication System: UID 0, CW (0); Frequency: 2300 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2300$ MHz; $\sigma = 1.718$ S/m; $\epsilon_r = 39.306$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(7.77, 7.23, 7.61) @ 2300 MHz; Calibrated: 2024-08-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1720; Calibrated: 2024-04-19
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

2300MHz Head Verification/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 3.77 W/kg

2300MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 44.17 V/m; Power Drift = 0.11 dB

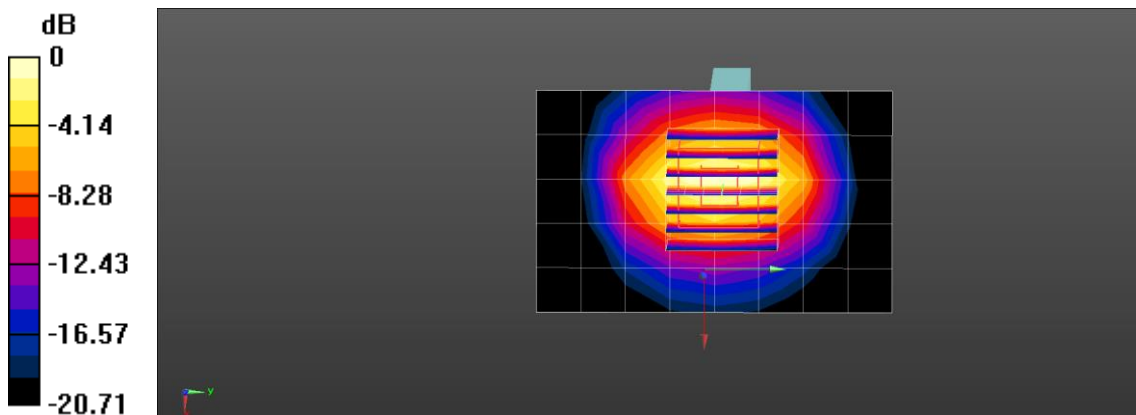
Peak SAR (extrapolated) = 4.49 W/kg

SAR(1 g) = 2.34 W/kg; SAR(10 g) = 1.13 W/kg

Smallest distance from peaks to all points 3 dB below = 9 mm

Ratio of SAR at M2 to SAR at M1 = 52.4%

Maximum value of SAR (measured) = 3.76 W/kg



0 dB = 3.76 W/kg = 5.75 dBW/kg

■ Verification Data (2 450 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 20.1 °C
Test Date: 02/04/2025
Band: WLAN 2.4 GHz

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.797$ S/m; $\epsilon_r = 38.694$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(7.5, 6.97, 7.35) @ 2450 MHz; Calibrated: 2024-08-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1720; Calibrated: 2024-04-19
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

2450MHz Head Verification/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 4.25 W/kg

2450MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 42.32 V/m; Power Drift = 0.13 dB

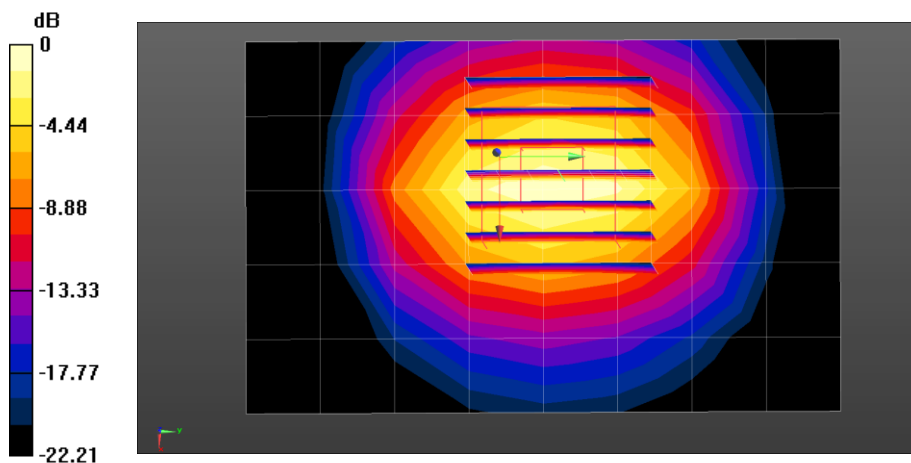
Peak SAR (extrapolated) = 5.13 W/kg

SAR(1 g) = 2.62 W/kg; SAR(10 g) = 1.23 W/kg

Smallest distance from peaks to all points 3 dB below = 9 mm

Ratio of SAR at M2 to SAR at M1 = 51.1%

Maximum value of SAR (measured) = 4.26 W/kg



0 dB = 4.26 W/kg = 6.29 dBW/kg

■ Verification Data (2 450 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 19.7 °C
Test Date: 01/23/2025
Band: Bluetooth

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.832$ S/m; $\epsilon_r = 39.214$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(7.5, 6.97, 7.35) @ 2450 MHz; Calibrated: 2024-08-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1720; Calibrated: 2024-04-19
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

2450MHz Head Verification/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 3.05 W/kg

2450MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.01 V/m; Power Drift = 0.02 dB

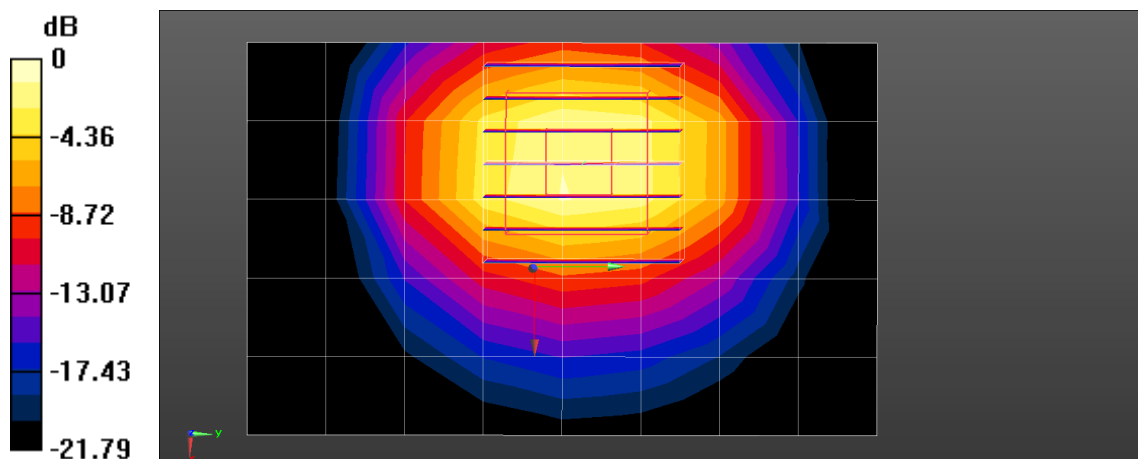
Peak SAR (extrapolated) = 5.16 W/kg

SAR(1 g) = 2.47 W/kg; SAR(10 g) = 1.16 W/kg

Smallest distance from peaks to all points 3 dB below = 9 mm

Ratio of SAR at M2 to SAR at M1 = 48.3%

Maximum value of SAR (measured) = 4.15 W/kg



0 dB = 4.15 W/kg = 6.18 dBW/kg

■ Verification Data (2 600 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 19.8 °C
Test Date: 01/15/2025
Band: LTE Band 7 MAIN1

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2600$ MHz; $\sigma = 1.962$ S/m; $\epsilon_r = 38.604$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(7.35, 6.84, 7.2) @ 2600 MHz; Calibrated: 2024-08-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1720; Calibrated: 2024-04-19
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

2600MHz Head Verification/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 4.96 W/kg

2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 42.79 V/m; Power Drift = 0.06 dB

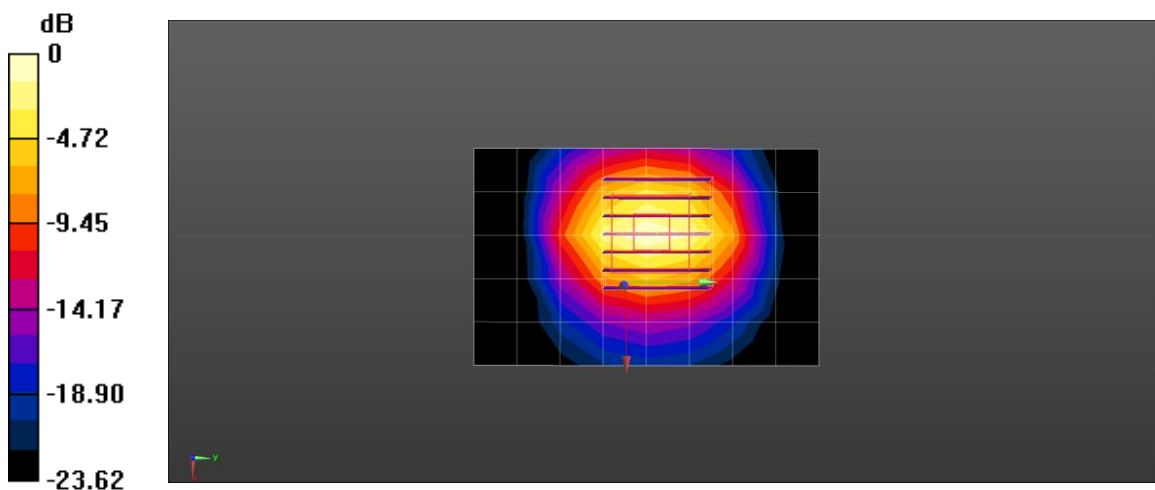
Peak SAR (extrapolated) = 6.23 W/kg

SAR(1 g) = 3.04 W/kg; SAR(10 g) = 1.37 W/kg

Smallest distance from peaks to all points 3 dB below = 9 mm

Ratio of SAR at M2 to SAR at M1 = 48.9%

Maximum value of SAR (measured) = 5.07 W/kg



0 dB = 5.07 W/kg = 7.05 dBW/kg

■ Verification Data (2 600 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 19.7 °C
Test Date: 01/17/2025
Band: LTE Band 7 SUB1

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2600$ MHz; $\sigma = 1.98$ S/m; $\epsilon_r = 38.724$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(7.35, 6.84, 7.2) @ 2600 MHz; Calibrated: 2024-08-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1720; Calibrated: 2024-04-19
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

2600MHz Head Verification/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 4.02 W/kg

2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 49.55 V/m; Power Drift = 0.04 dB

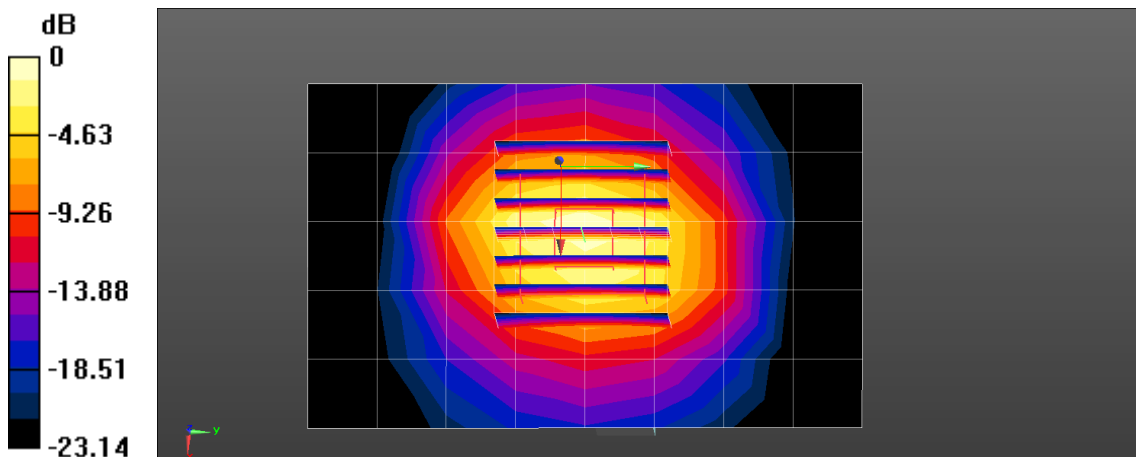
Peak SAR (extrapolated) = 5.51 W/kg

SAR(1 g) = 2.7 W/kg; SAR(10 g) = 1.22 W/kg

Smallest distance from peaks to all points 3 dB below = 8.9 mm

Ratio of SAR at M2 to SAR at M1 = 49.3%

Maximum value of SAR (measured) = 4.53 W/kg



0 dB = 4.53 W/kg = 6.56 dBW/kg

■ Verification Data (2 600 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 20.0 °C
Test Date: 01/24/2025
Band: LTE Band 41 MAIN1

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2600$ MHz; $\sigma = 1.895$ S/m; $\epsilon_r = 39.505$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(7.35, 6.84, 7.2) @ 2600 MHz; Calibrated: 2024-08-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1720; Calibrated: 2024-04-19
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

2600MHz Head Verification/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 4.60 W/kg

2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 39.99 V/m; Power Drift = 0.11 dB

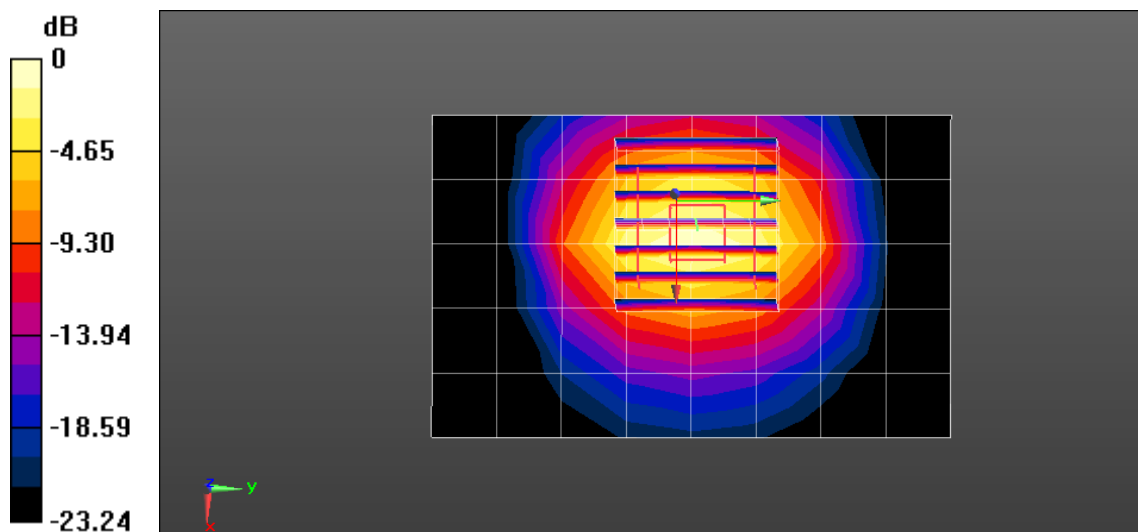
Peak SAR (extrapolated) = 5.84 W/kg

SAR(1 g) = 2.84 W/kg; SAR(10 g) = 1.27 W/kg

Smallest distance from peaks to all points 3 dB below = 8.5 mm

Ratio of SAR at M2 to SAR at M1 = 48.8%

Maximum value of SAR (measured) = 4.79 W/kg



0 dB = 4.79 W/kg = 6.80 dBW/kg

Verification Data (3 500 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 20.0 °C
Test Date: 01/25/2025
Band: LTE Band 48 SUB2

Communication System: UID 0, CW (0); Frequency: 3500 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 3500$ MHz; $\sigma = 2.935$ S/m; $\epsilon_r = 37.621$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7309; ConvF(6.68, 6.12, 7.06) @ 3500 MHz; Calibrated: 2024-06-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- Phantom: ELI V4.0 (20deg probe tilt); Type: QD OVA 001 Bx; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

3500MHz Head Verifiacton/Area Scan (6x6x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 5.04 W/kg

3500MHz Head Verifiacton/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 46.82 V/m; Power Drift = -0.19 dB

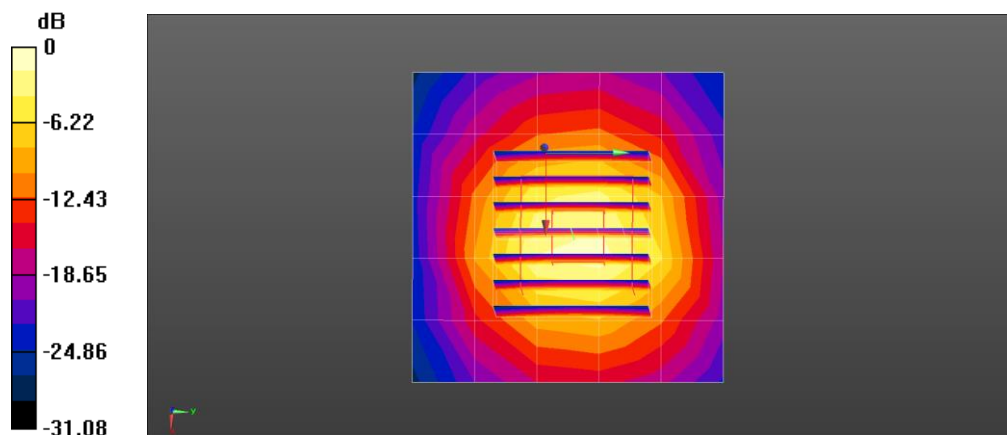
Peak SAR (extrapolated) = 8.10 W/kg

SAR(1 g) = 3.25 W/kg; SAR(10 g) = 1.25 W/kg

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 47.4%

Maximum value of SAR (measured) = 6.20 W/kg



0 dB = 6.20 W/kg = 7.92 dBW/kg

■ Verification Data (3 700 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 20.0 °C
Test Date: 01/25/2025
Band: LTE Band 48 SUB2

Communication System: UID 0, CW (0); Frequency: 3700 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 3700$ MHz; $\sigma = 3.127$ S/m; $\epsilon_r = 37.297$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7309; ConvF(6.63, 6.07, 7.01) @ 3700 MHz; Calibrated: 2024-06-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- Phantom: ELI V4.0 (20deg probe tilt); Type: QD OVA 001 Bx; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

3700MHz Head Verifiacion/Area Scan (6x6x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 4.99 W/kg

3700MHz Head Verifiacion/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 49.74 V/m; Power Drift = -0.11 dB

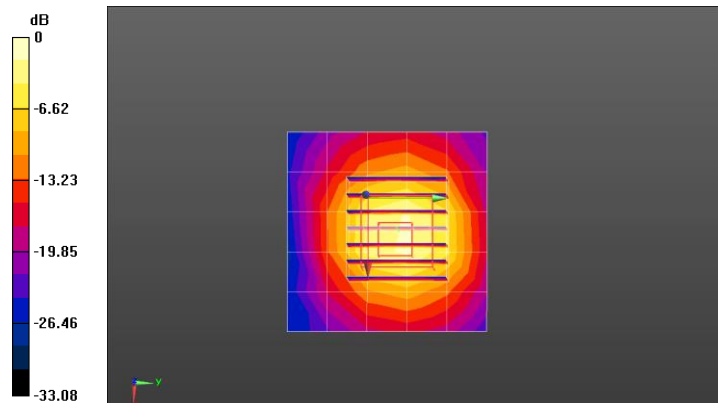
Peak SAR (extrapolated) = 9.02 W/kg

SAR(1 g) = 3.27 W/kg; SAR(10 g) = 1.25 W/kg

Smallest distance from peaks to all points 3 dB below = 4 mm

Ratio of SAR at M2 to SAR at M1 = 46.4%

Maximum value of SAR (measured) = 7.12 W/kg



0 dB = 7.12 W/kg = 8.52 dBW/kg

■ Verification Data (5 250 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 20.1 °C
Test Date: 01/26/2025
Band: WLAN 5 GHz U-NII 2A

Communication System: UID 0, CW (0); Frequency: 5250 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5250$ MHz; $\sigma = 4.846$ S/m; $\epsilon_r = 34.975$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7309; ConvF(5.54, 5.07, 5.86) @ 5250 MHz; Calibrated: 2024-06-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- Phantom: ELI V4.0 (20deg probe tilt); Type: QD OVA 001 Bx; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5250MHz Head Verifiacton/Area Scan (6x6x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 8.04 W/kg

5250MHz Head Verifiacton/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 45.65 V/m; Power Drift = -0.16 dB

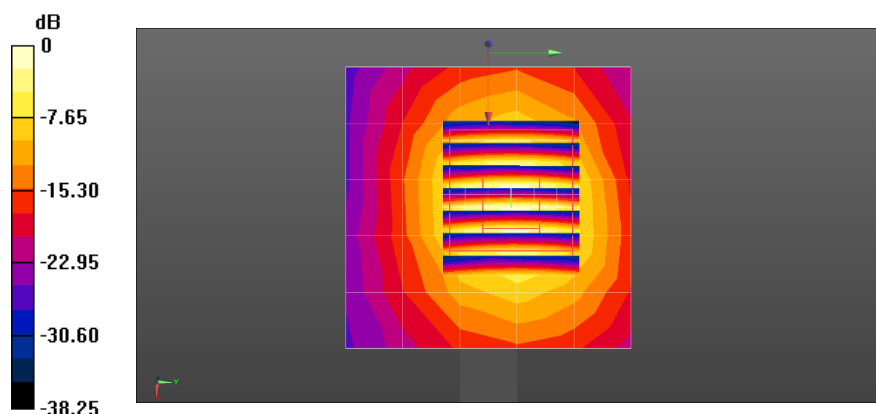
Peak SAR (extrapolated) = 17.5 W/kg

SAR(1 g) = 4.31 W/kg; SAR(10 g) = 1.25 W/kg

Smallest distance from peaks to all points 3 dB below = 7.4 mm

Ratio of SAR at M2 to SAR at M1 = 64.5%

Maximum value of SAR (measured) = 10.8 W/kg



0 dB = 10.8 W/kg = 10.33 dBW/kg

■ Verification Data (5 600 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 19.8 °C
Test Date: 01/27/2025
Band: WLAN 5 GHz U-NII 2C

Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.195$ S/m; $\epsilon_r = 34.529$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7309; ConvF(5.04, 4.62, 5.33) @ 5600 MHz; Calibrated: 2024-06-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- Phantom: ELI V4.0 (20deg probe tilt); Type: QD OVA 001 Bx; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5600MHz Head Verifiacion/Area Scan (6x6x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 8.08 W/kg

5600MHz Head Verifiacion/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 45.97 V/m; Power Drift = -0.13 dB

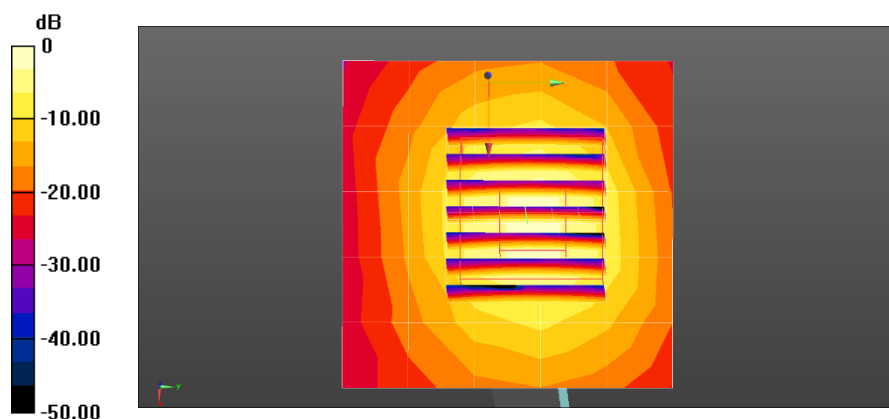
Peak SAR (extrapolated) = 20.8 W/kg

SAR(1 g) = 4.31 W/kg; SAR(10 g) = 1.21 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 59.8%

Maximum value of SAR (measured) = 11.6 W/kg



0 dB = 11.6 W/kg = 10.64 dBW/kg

Verification Data (5 750 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 20.0 °C
Test Date: 01/28/2025
Band: WLAN 5 GHz U-NII 3

Communication System: UID 0, CW (0); Frequency: 5750 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5750$ MHz; $\sigma = 5.238$ S/m; $\epsilon_r = 34.429$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7309; ConvF(5.04, 4.62, 5.33) @ 5750 MHz; Calibrated: 2024-06-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- Phantom: ELI V4.0 (20deg probe tilt); Type: QD OVA 001 Bx; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5750MHz Head Verifiacton/Area Scan (6x6x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 7.19 W/kg

5750MHz Head Verifiacton/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 43.07 V/m; Power Drift = -0.13 dB

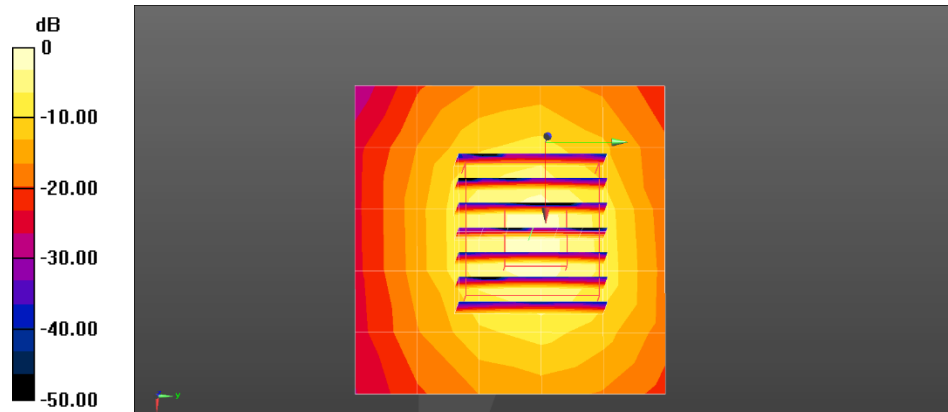
Peak SAR (extrapolated) = 18.9 W/kg

SAR(1 g) = 3.76 W/kg; SAR(10 g) = 1.06 W/kg

Smallest distance from peaks to all points 3 dB below = 7.4 mm

Ratio of SAR at M2 to SAR at M1 = 58.3%

Maximum value of SAR (measured) = 10.1 W/kg



0 dB = 10.1 W/kg = 10.04 dBW/kg

■ Verification Data (5 800 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 20.1 °C
Test Date: 01/29/2025
Band: WLAN 5 GHz U-NII 4

Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5800 \text{ MHz}$; $\sigma = 5.179 \text{ S/m}$; $\epsilon_r = 34.437$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7309; ConvF(5.05, 4.62, 5.34) @ 5800 MHz; Calibrated: 2024-06-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- Phantom: ELI V4.0 (20deg probe tilt); Type: QD OVA 001 Bx; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5800MHz Head Verifiacton/Area Scan (6x6x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
 Maximum value of SAR (measured) = 7.39 W/kg

5800MHz Head Verifiacton/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 44.91 V/m; Power Drift = -0.13 dB

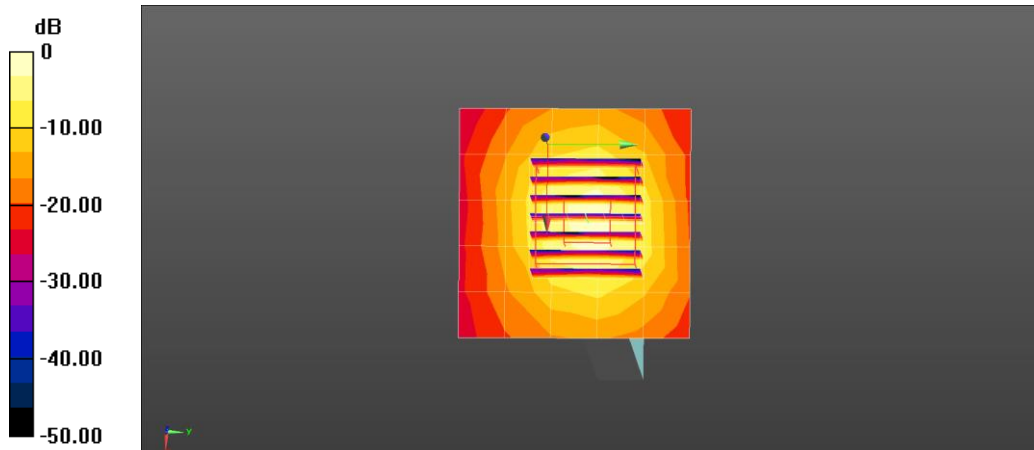
Peak SAR (extrapolated) = 19.9 W/kg

SAR(1 g) = 3.87 W/kg; SAR(10 g) = 1.08 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 57.6%

Maximum value of SAR (measured) = 10.5 W/kg



0 dB = 10.5 W/kg = 10.21 dBW/kg

◆ 5G NR SUB 6

■ Verification Data (750 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 19.8 °C
Test Date: 01/16/2025
Band: NR FDD Band n71_MAIN1

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.883 \text{ S/m}$; $\epsilon_r = 42.078$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(9.16, 9.45, 9.24) @ 750 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- Phantom: ELI V4.0 (20deg probe tilt); Type: QD OVA 001 Bx; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

750MHz Head Verification/Area Scan (6x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.455 W/kg

750MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 26.01 V/m; Power Drift = -0.02 dB

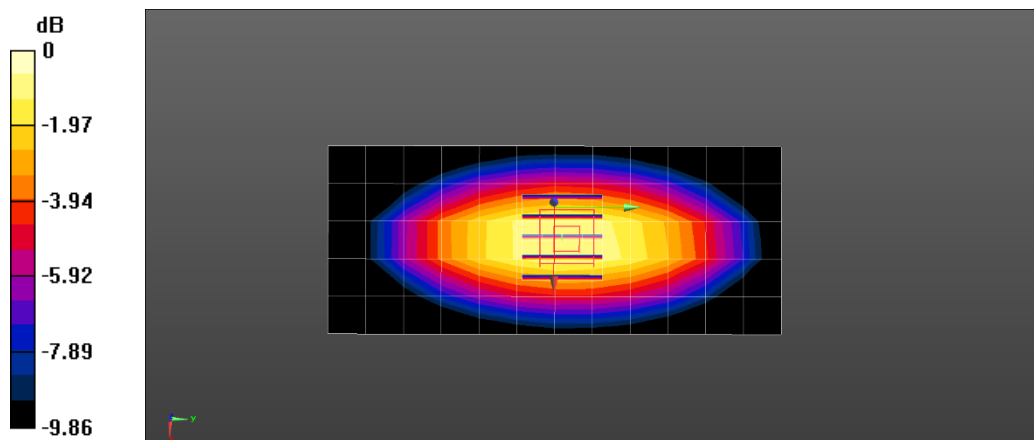
Peak SAR (extrapolated) = 0.599 W/kg

SAR(1 g) = 0.408 W/kg; SAR(10 g) = 0.274 W/kg

Smallest distance from peaks to all points 3 dB below = 20.5 mm

Ratio of SAR at M2 to SAR at M1 = 68%

Maximum value of SAR (measured) = 0.538 W/kg



0 dB = 0.538 W/kg = -2.69 dBW/kg

■ Verification Data (835 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 19.7 °C
Test Date: 01/23/2025
Band: NR FDD Band n5_MAIN1

Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 835 \text{ MHz}$; $\sigma = 0.891 \text{ S/m}$; $\epsilon_r = 41.771$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(8.83, 9.11, 8.9) @ 835 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- Phantom: ELI V4.0 (20deg probe tilt); Type: QD OVA 001 Bx; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

835MHz Head Verification/Area Scan (6x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.527 W/kg

835MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 27.92 V/m; Power Drift = -0.01 dB

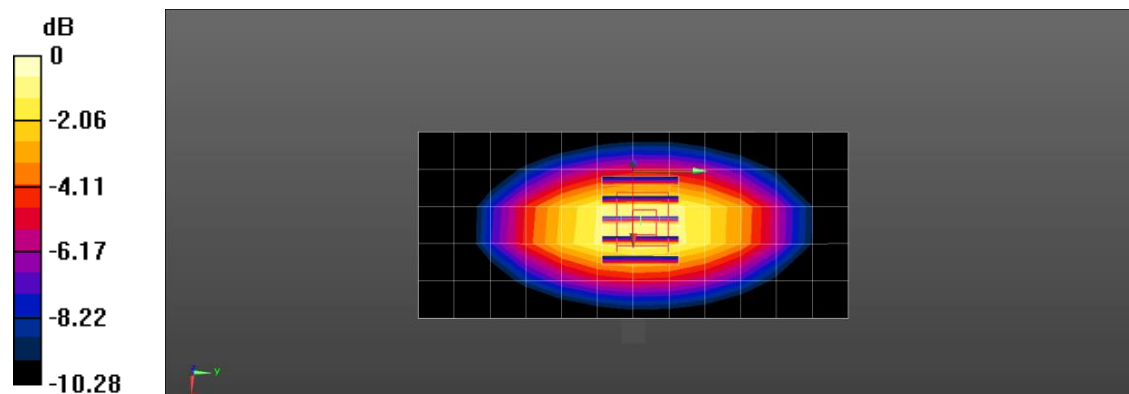
Peak SAR (extrapolated) = 0.690 W/kg

SAR(1 g) = 0.474 W/kg; SAR(10 g) = 0.317 W/kg

Smallest distance from peaks to all points 3 dB below = 16.1 mm

Ratio of SAR at M2 to SAR at M1 = 68.5%

Maximum value of SAR (measured) = 0.621 W/kg



0 dB = 0.621 W/kg = -2.07 dBW/kg

■ Verification Data (1 640 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 20.8 °C
Test Date: 02/05/2025
Band: NR FDD Band n70_MAIN1

Communication System: UID 0, CW (0); Frequency: 1640 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1640$ MHz; $\sigma = 1.263$ S/m; $\epsilon_r = 39.517$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(8.54, 7.94, 8.37) @ 1640 MHz; Calibrated: 2024-08-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1720; Calibrated: 2024-04-19
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

1640MHz Head Verification/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 2.23 W/kg

1640MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.53 V/m; Power Drift = 0.13 dB

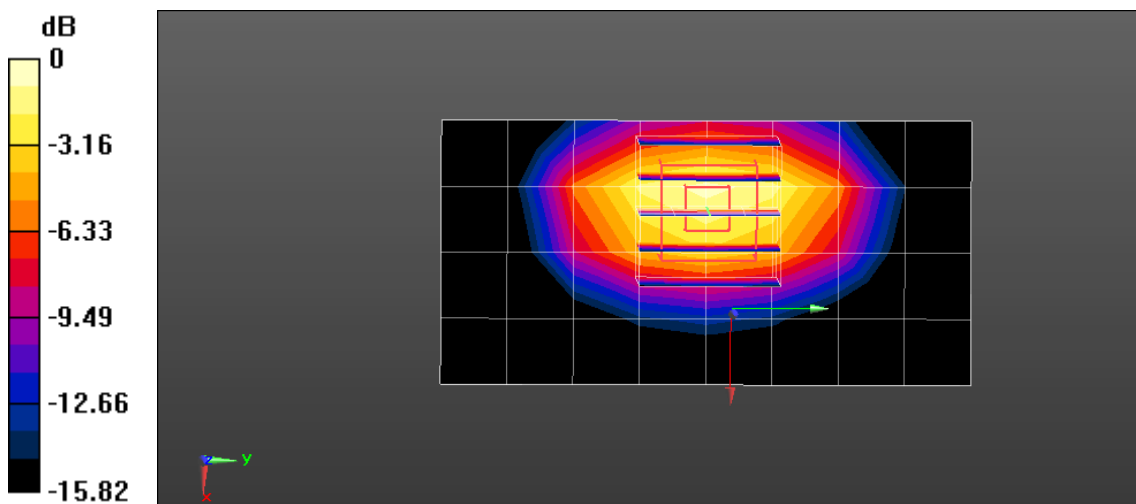
Peak SAR (extrapolated) = 2.91 W/kg

SAR(1 g) = 1.7 W/kg; SAR(10 g) = 0.932 W/kg

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 57.9%

Maximum value of SAR (measured) = 2.53 W/kg



0 dB = 2.53 W/kg = 4.03 dBW/kg

■ Verification Data (1 800 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 20.3 °C
Test Date: 01/09/2025
Band: NR FDD Band n66_MAIN1

Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1800$ MHz; $\sigma = 1.367$ S/m; $\epsilon_r = 41.596$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(7.59, 7.83, 7.65) @ 1800 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- Phantom: ELI V4.0 (20deg probe tilt); Type: QD OVA 001 Bx; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

1800MHz Head Verification/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 2.77 W/kg

1800MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 47.39 V/m; Power Drift = -0.10 dB

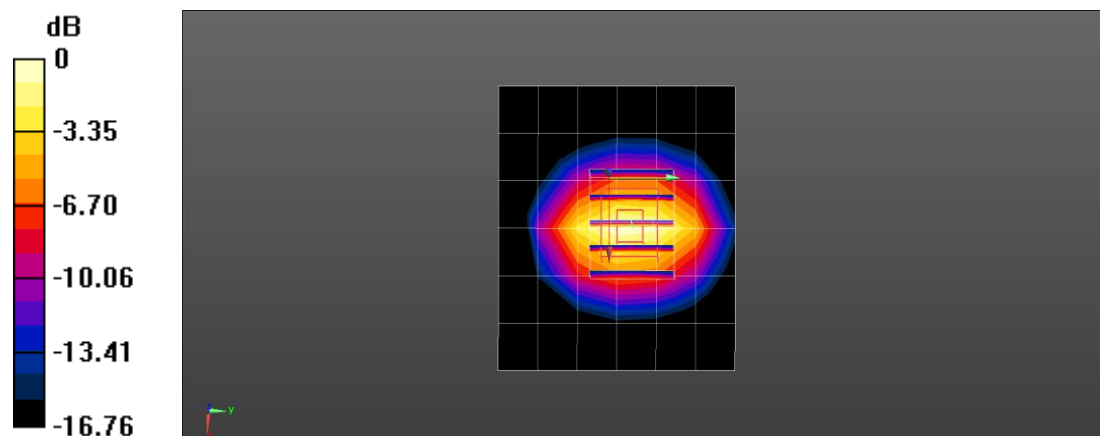
Peak SAR (extrapolated) = 3.31 W/kg

SAR(1 g) = 1.92 W/kg; SAR(10 g) = 1.03 W/kg

Smallest distance from peaks to all points 3 dB below = 10.7 mm

Ratio of SAR at M2 to SAR at M1 = 57.8%

Maximum value of SAR (measured) = 2.88 W/kg



0 dB = 2.88 W/kg = 4.59 dBW/kg

■ Verification Data (1 900 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 19.7 °C
Test Date: 01/08/2025
Band: NR FDD Band n25_MAIN1

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.411$ S/m; $\epsilon_r = 41.32$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(7.34, 7.57, 7.4) @ 1900 MHz; Calibrated: 2024-10-07
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2024-09-13
- Phantom: ELI V4.0 (20deg probe tilt); Type: QD OVA 001 Bx; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

1900MHz Head Verification/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 3.06 W/kg

1900MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 49.34 V/m; Power Drift = -0.11 dB

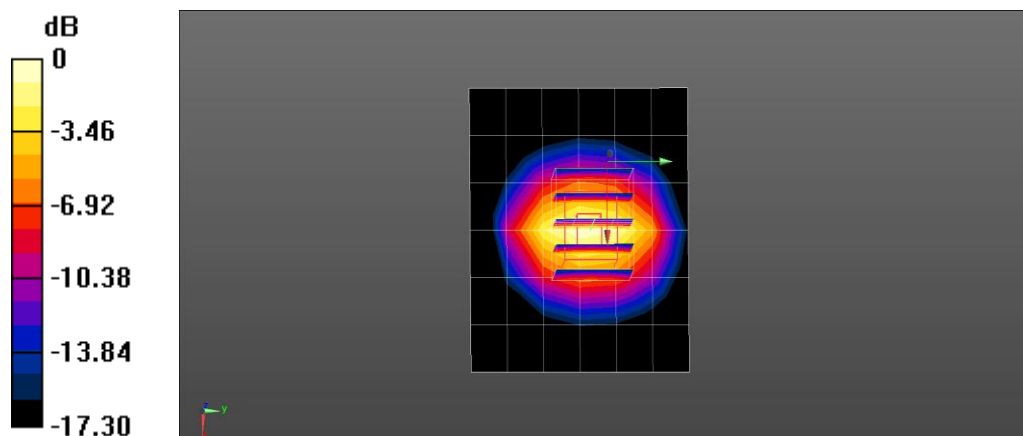
Peak SAR (extrapolated) = 3.62 W/kg

SAR(1 g) = 2.08 W/kg; SAR(10 g) = 1.11 W/kg

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 57.3%

Maximum value of SAR (measured) = 3.14 W/kg



0 dB = 3.14 W/kg = 4.97 dBW/kg

■ Verification Data (2 300 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 19.7 °C
Test Date: 01/20/2025
Band: NR FDD Band n30_MAIN1

Communication System: UID 0, CW (0); Frequency: 2300 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2300$ MHz; $\sigma = 1.718$ S/m; $\epsilon_r = 39.296$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(7.77, 7.23, 7.61) @ 2300 MHz; Calibrated: 2024-08-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1720; Calibrated: 2024-04-19
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

2300MHz Head Verification/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 2.87 W/kg

2300MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.51 V/m; Power Drift = 0.10 dB

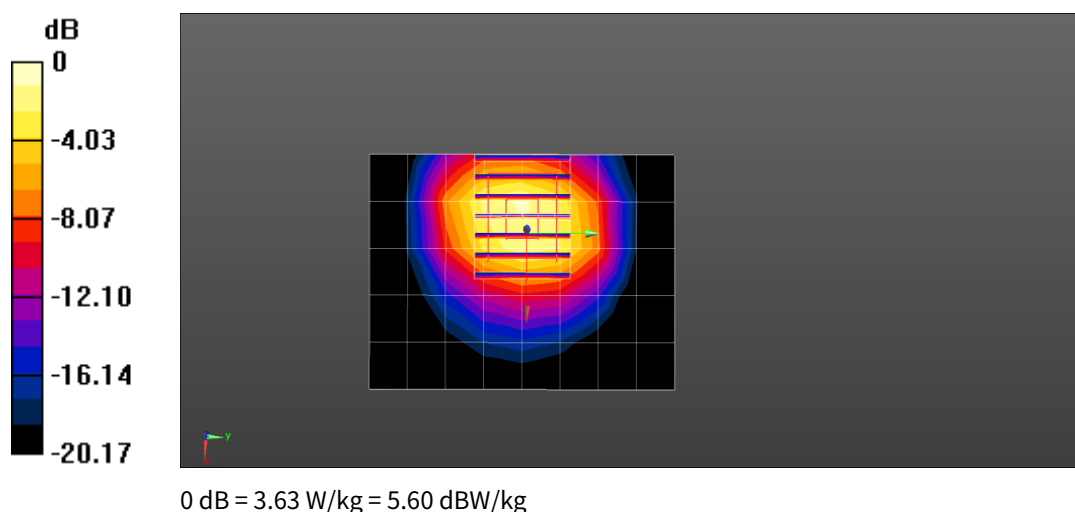
Peak SAR (extrapolated) = 4.31 W/kg

SAR(1 g) = 2.27 W/kg; SAR(10 g) = 1.1 W/kg

Smallest distance from peaks to all points 3 dB below = 9 mm

Ratio of SAR at M2 to SAR at M1 = 52.9%

Maximum value of SAR (measured) = 3.63 W/kg



■ Verification Data (2 600 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 19.9 °C
Test Date: 01/21/2025
Band: NR TDD Band n41_MAIN1

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.007$ S/m; $\epsilon_r = 39.156$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(7.35, 6.84, 7.2) @ 2600 MHz; Calibrated: 2024-08-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1720; Calibrated: 2024-04-19
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

2600MHz Head Verification/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 4.12 W/kg

2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 49.36 V/m; Power Drift = 0.09 dB

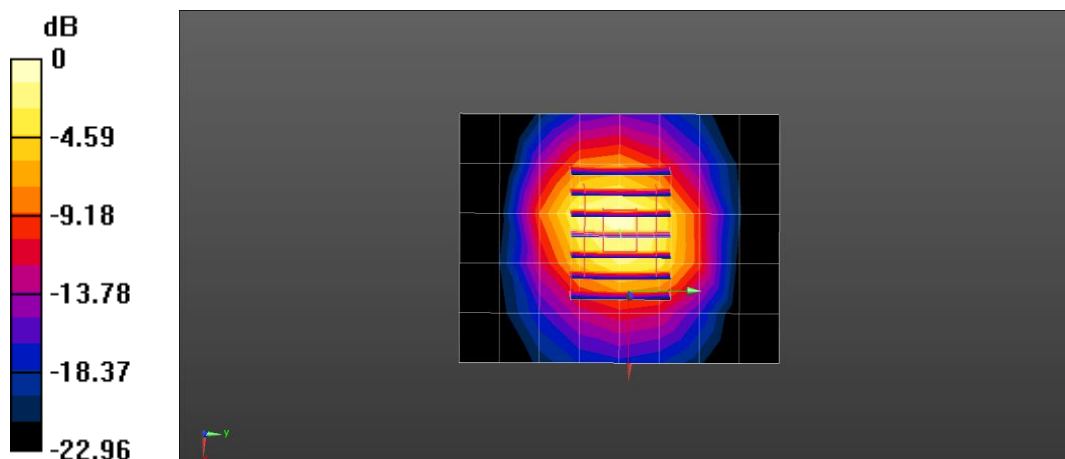
Peak SAR (extrapolated) = 5.64 W/kg

SAR(1 g) = 2.75 W/kg; SAR(10 g) = 1.24 W/kg

Smallest distance from peaks to all points 3 dB below = 8.9 mm

Ratio of SAR at M2 to SAR at M1 = 48.9%

Maximum value of SAR (measured) = 4.63 W/kg



0 dB = 4.63 W/kg = 6.66 dBW/kg

■ Verification Data (3 500 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 20.4 °C
Test Date: 02/06/2025
Band: NR TDD Band n48_SUB2

Communication System: UID 0, CW (0); Frequency: 3500 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 3500$ MHz; $\sigma = 2.838$ S/m; $\epsilon_r = 38.919$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(7.02, 6.53, 6.88) @ 3500 MHz; Calibrated: 2024-08-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1720; Calibrated: 2024-04-19
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

3500MHz Head Verification/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 4.98 W/kg

3500MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.59 V/m; Power Drift = 0.18 dB

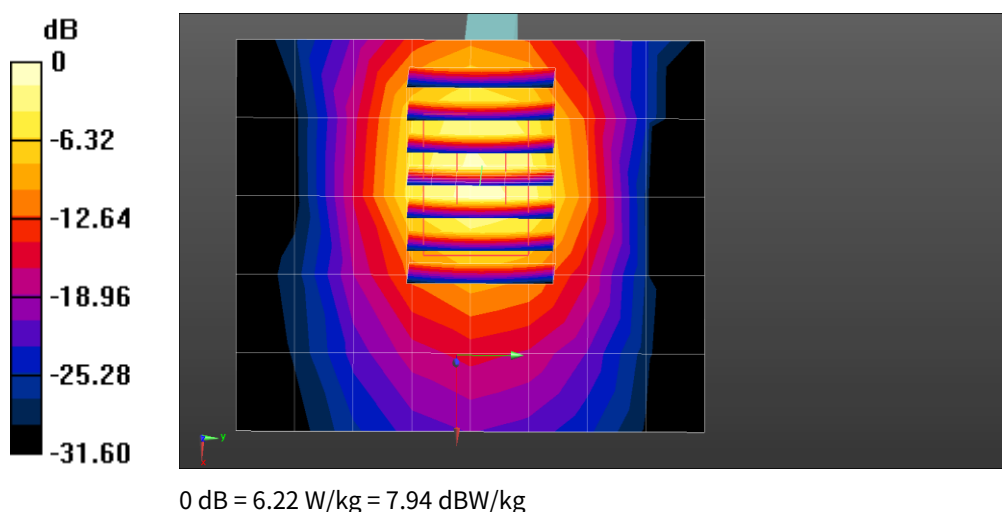
Peak SAR (extrapolated) = 8.45 W/kg

SAR(1 g) = 3.21 W/kg; SAR(10 g) = 1.24 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 37.1%

Maximum value of SAR (measured) = 6.22 W/kg



■ Verification Data (3 500 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 20.0 °C
Test Date: 01/26/2025
Band: NR TDD Band n77_MAIN2

Communication System: UID 0, CW (0); Frequency: 3500 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 3500$ MHz; $\sigma = 2.839$ S/m; $\epsilon_r = 38.916$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(7.02, 6.53, 6.88) @ 3500 MHz; Calibrated: 2024-08-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1720; Calibrated: 2024-04-19
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

3500MHz Head Verification/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 5.03 W/kg

3500MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.61 V/m; Power Drift = 0.19 dB

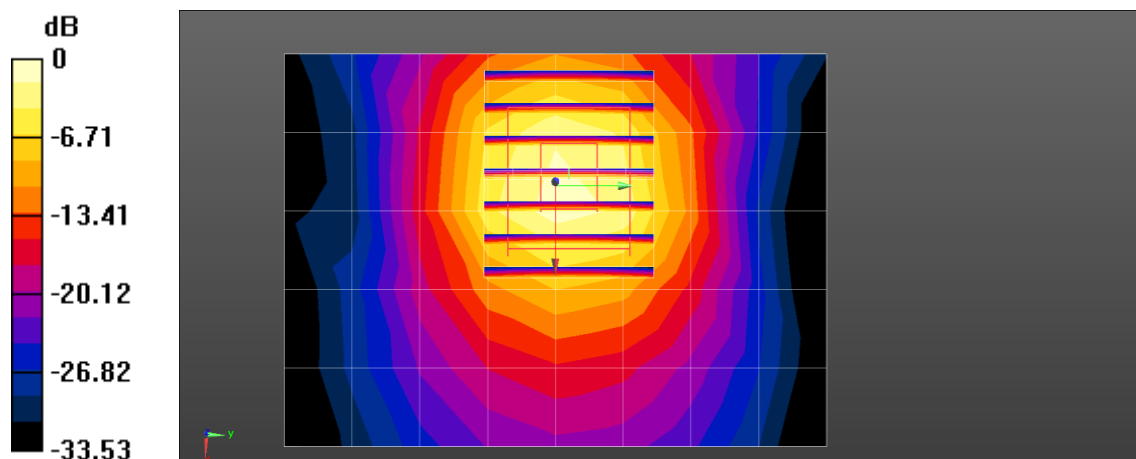
Peak SAR (extrapolated) = 8.59 W/kg

SAR(1 g) = 3.23 W/kg; SAR(10 g) = 1.24 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 36.8%

Maximum value of SAR (measured) = 6.30 W/kg



0 dB = 6.30 W/kg = 7.99 dBW/kg

■ Verification Data (3 500 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 20.3 °C
Test Date: 02/07/2025
Band: NR TDD Band n77 SRS

Communication System: UID 0, CW (0); Frequency: 3500 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 3500$ MHz; $\sigma = 2.869$ S/m; $\epsilon_r = 38.756$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(7.02, 6.53, 6.88) @ 3500 MHz; Calibrated: 2024-08-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1720; Calibrated: 2024-04-19
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

3500MHz Head Verification/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 5.25 W/kg

3500MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 29.85 V/m; Power Drift = 0.18 dB

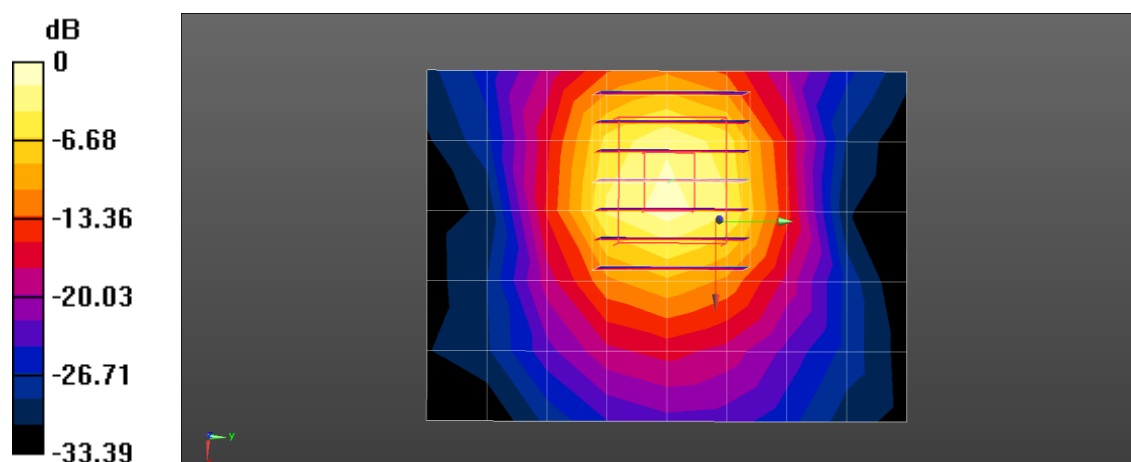
Peak SAR (extrapolated) = 8.65 W/kg

SAR(1 g) = 3.44 W/kg; SAR(10 g) = 1.31 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 38.9%

Maximum value of SAR (measured) = 6.60 W/kg



0 dB = 6.60 W/kg = 8.20 dBW/kg

■ Verification Data (3 700 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 20.4 °C
Test Date: 02/06/2025
Band: NR TDD Band n48_SUB2

Communication System: UID 0, CW (0); Frequency: 3700 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 3700$ MHz; $\sigma = 3.024$ S/m; $\epsilon_r = 38.596$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(6.86, 6.38, 6.72) @ 3700 MHz; Calibrated: 2024-08-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1720; Calibrated: 2024-04-19
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

3700MHz Head Verification/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 5.29 W/kg

3700MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 28.31 V/m; Power Drift = 0.13 dB

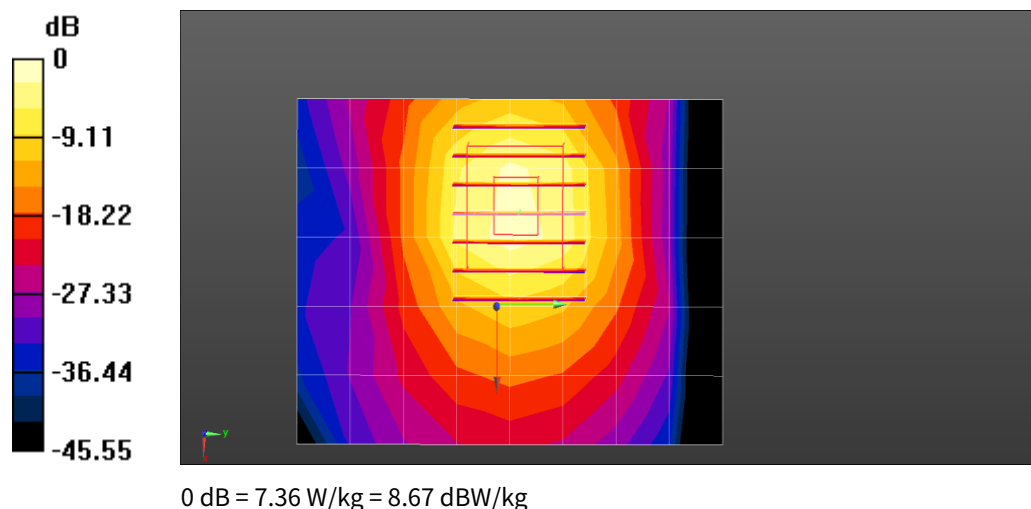
Peak SAR (extrapolated) = 10.2 W/kg

SAR(1 g) = 3.64 W/kg; SAR(10 g) = 1.35 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 34.5%

Maximum value of SAR (measured) = 7.36 W/kg



■ Verification Data (3 700 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 20.0 °C
Test Date: 01/26/2025
Band: NR TDD Band n77_MAIN2

Communication System: UID 0, CW (0); Frequency: 3700 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 3700$ MHz; $\sigma = 3.023$ S/m; $\epsilon_r = 38.592$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(6.86, 6.38, 6.72) @ 3700 MHz; Calibrated: 2024-08-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1720; Calibrated: 2024-04-19
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

3700MHz Head Verification/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 5.23 W/kg

3700MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.94 V/m; Power Drift = 0.07 dB

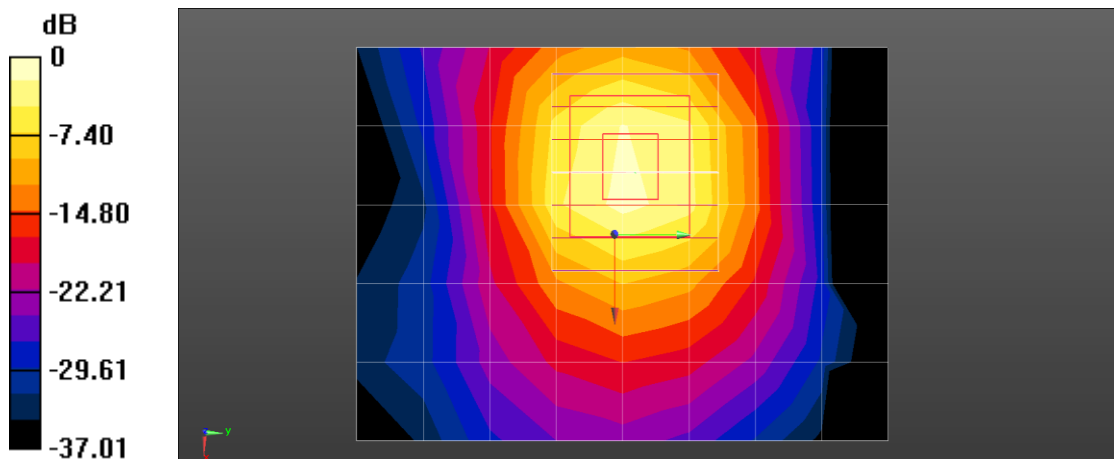
Peak SAR (extrapolated) = 10.3 W/kg

SAR(1 g) = 3.65 W/kg; SAR(10 g) = 1.35 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 34.5%

Maximum value of SAR (measured) = 7.38 W/kg



0 dB = 7.38 W/kg = 8.68 dBW/kg

■ Verification Data (3 700 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 20.3 °C
Test Date: 02/07/2025
Band: NR TDD Band n77 SRS

Communication System: UID 0, CW (0); Frequency: 3700 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 3700$ MHz; $\sigma = 3.053$ S/m; $\epsilon_r = 38.422$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(6.86, 6.38, 6.72) @ 3700 MHz; Calibrated: 2024-08-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1720; Calibrated: 2024-04-19
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

3700MHz Head Verification/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 4.83 W/kg

3700MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 24.00 V/m; Power Drift = 0.14 dB

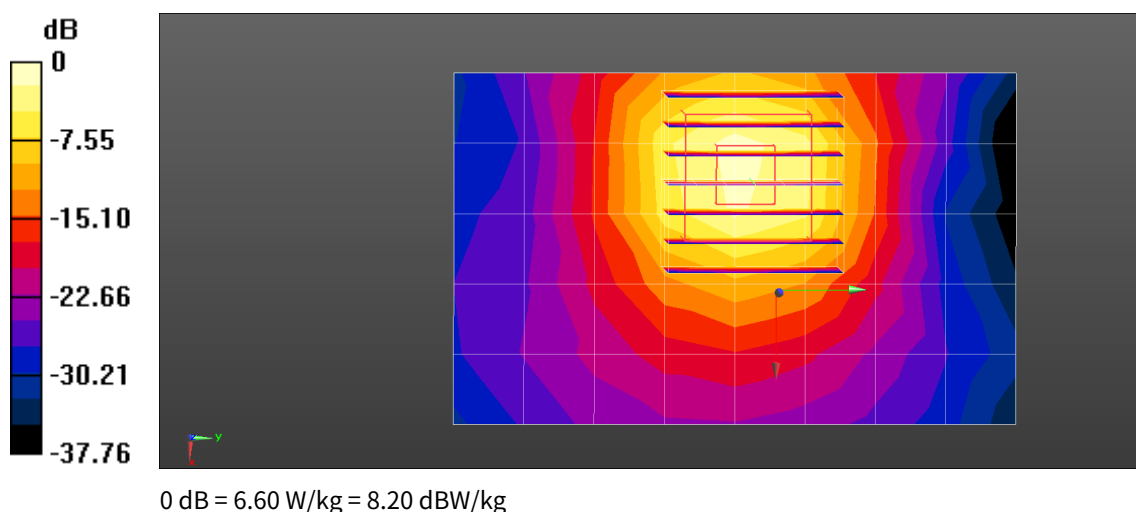
Peak SAR (extrapolated) = 8.90 W/kg

SAR(1 g) = 3.38 W/kg; SAR(10 g) = 1.25 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 36.8%

Maximum value of SAR (measured) = 6.60 W/kg



■ Verification Data (3 900 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 20.0 °C
Test Date: 01/26/2025
Band: NR TDD Band n77_MAIN2

Communication System: UID 0, CW (0); Frequency: 3900 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 3900$ MHz; $\sigma = 3.211$ S/m; $\epsilon_r = 38.336$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(6.81, 6.33, 6.67) @ 3900 MHz; Calibrated: 2024-08-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1720; Calibrated: 2024-04-19
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

3900MHz Head Verification/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 6.27 W/kg

3900MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 33.75 V/m; Power Drift = 0.02 dB

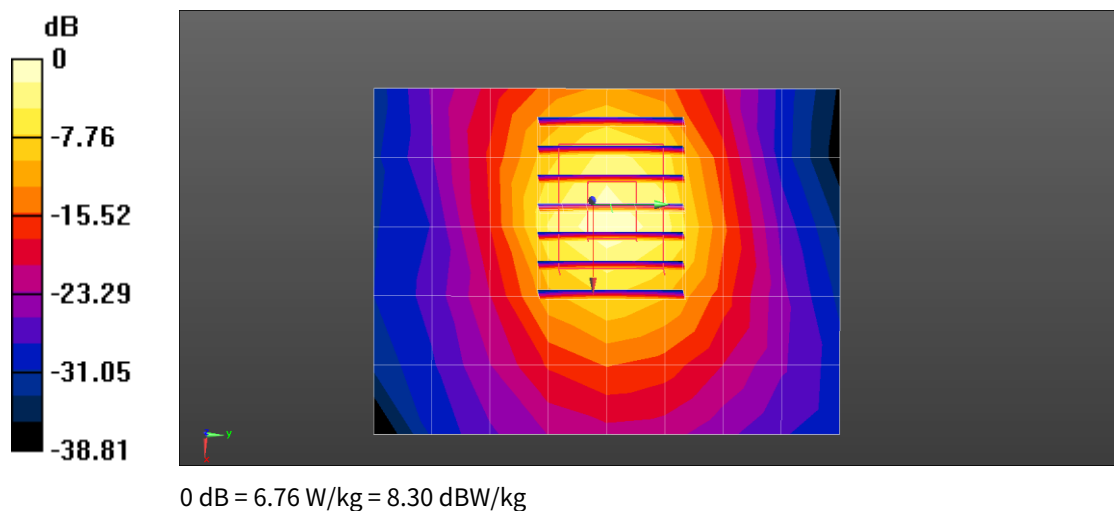
Peak SAR (extrapolated) = 9.23 W/kg

SAR(1 g) = 3.3 W/kg; SAR(10 g) = 1.17 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 34.6%

Maximum value of SAR (measured) = 6.76 W/kg



■ Verification Data (3 900 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 20.3 °C
Test Date: 02/07/2025
Band: NR TDD Band n77 SRS

Communication System: UID 0, CW (0); Frequency: 3900 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 3900$ MHz; $\sigma = 3.246$ S/m; $\epsilon_r = 38.161$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(6.81, 6.33, 6.67) @ 3900 MHz; Calibrated: 2024-08-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1720; Calibrated: 2024-04-19
- Phantom: ELI V8.0 (20deg probe tilt); Type: QD OVA 004 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

3900MHz Head Verification/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 4.76 W/kg

3900MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.95 V/m; Power Drift = 0.13 dB

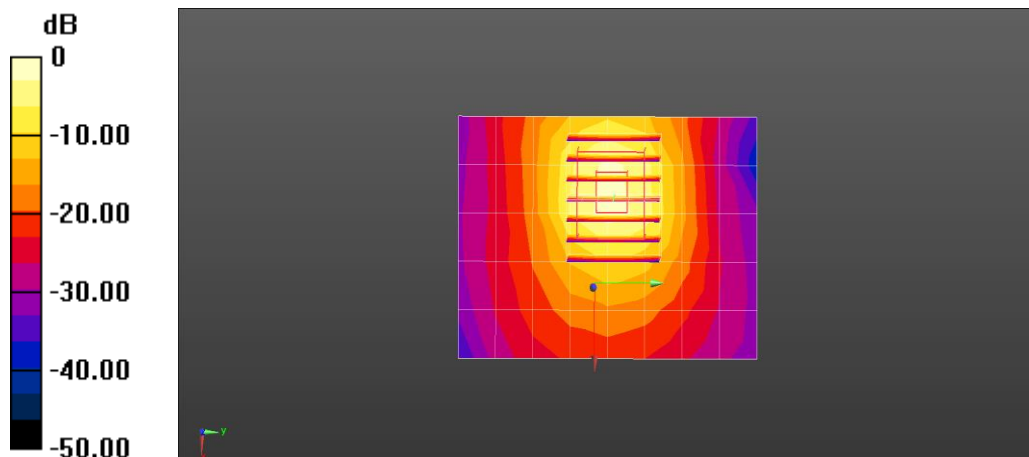
Peak SAR (extrapolated) = 9.19 W/kg

SAR(1 g) = 3.26 W/kg; SAR(10 g) = 1.15 W/kg

Smallest distance from peaks to all points 3 dB below = 8 mm

Ratio of SAR at M2 to SAR at M1 = 34.3%

Maximum value of SAR (measured) = 6.70 W/kg



0 dB = 6.70 W/kg = 8.26 dBW/kg

Appendix D. – SAR Tissue Characterization

The brain and muscle mixtures consist of a viscous gel using hydrox-ethyl cellulose (HEC) gelling agent and saline solution (see Table 3.1). Preservation with a bactericide is added and visual inspection is made to make sure air bubbles are not trapped during the mixing process. The mixture is calibrated to obtain proper dielectric constant (permittivity) and conductivity of the desired tissue. The mixture characterizations used for the brain and muscle tissue simulating liquids are according to the data by C. Gabriel and G. Harts grove.

Ingredients (% by weight)	Frequency (MHz)									
	750		835		1 900		2 450 – 2 700		3500 - 5 800	
Tissue Type	Head	Body	Head	Body	Head	Body	Head	Body	Head	Body
Water	41.1	51.7	40.45	53.06	54.9	70.17	71.88	73.2	65.52	78.66
Salt (NaCl)	1.4	0.9	1.45	0.94	0.18	0.39	0.16	0.1	0.0	0.0
Sugar	57.0	47.2	57.0	44.9	0.0	0	0.0	0.0	0.0	0.0
HEC	0.2	0	1.0	1.0	0.0	0	0.0	0.0	0.0	0.0
Bactericide	0.2	0.1	0.1	0.1	0.0	0	0.0	0.0	0.0	0.0
Triton X-100	0.0	0.0	0.0	0.0	0.0	0.0	19.97	0.0	17.24	10.67
DGBE	0.0	0.0	0.0	0.0	44.92	29.44	7.99	26.7	0.0	0.0
Diethylene glycol hexyl ether	-	-	-	-	-	-	-	-	-	-

Salt:	99 % Pure Sodium Chloride	Sugar:	98 % Pure Sucrose
Water:	De-ionized, 16M resistivity	HEC:	Hydroxyethyl Cellulose
DGBE:	99 % Di (ethylene glycol) butyl ether, [2-(2-butoxyethoxy) ethanol]		
Triton X-100(ultra-pure):	Polyethylene glycol mono [4-(1,1,3,3-tetramethylbutyl) phenyl] ether		

Composition of the Tissue Equivalent Matter

Appendix E. – SAR System Validation

Per FCC KDB 865664 D02v01r02, SAR system validation status should be document to confirm measurement accuracy. The SAR systems (including SAR probes, system components and software versions) used for this device were validated against its performance specifications prior to the SAR measurements. Reference dipoles were used with the required tissue- equivalent media for system validation, according to the procedures outlined in IEEE 1528-2013 and FCC KDB 865664 D01v01r04. Since SAR probe calibrations are frequency dependent, each probe calibration point was validated at a frequency within the valid frequency range of the probe calibration point, using the system that normally operates with the probe for routine SAR measurements and according to the required tissue-equivalent media.

A tabulated summary of the system validation status including the validation date(s), measurement frequencies, SAR probes and tissue dielectric parameters has been included.

SAR System No.	Probe	Probe Type	Probe Calibration Point		Dipole	Date	Dielectric Parameters		CW Validation			Modulation Validation		
							Measured Permittivity	Measured Conductivity	Sensitivity	Probe Linearity	Probe Isotropy	MOD. Type	Duty Factor	PAR
10	7679	EX3DV4	Head	750	1014	2024-09-05	41.8	0.91	PASS	PASS	PASS	N/A	N/A	N/A
1	3768	EX3DV4	Head	750	1014	2024-08-21	41.7	0.87	PASS	PASS	PASS	N/A	N/A	N/A
10	7679	EX3DV4	Head	835	441	2024-09-05	41.6	0.92	PASS	PASS	PASS	N/A	N/A	N/A
1	3768	EX3DV4	Head	835	441	2024-08-21	41.6	0.89	PASS	PASS	PASS	N/A	N/A	N/A
10	7679	EX3DV4	Head	1 640	345	2024-09-05	40.1	1.31	PASS	PASS	PASS	N/A	N/A	N/A
1	3768	EX3DV4	Head	1 750	2d007	2024-08-21	40.1	1.39	PASS	PASS	PASS	N/A	N/A	N/A
1	3768	EX3DV4	Head	1 900	5d032	2024-08-21	39.9	1.40	PASS	PASS	PASS	N/A	N/A	N/A
10	7679	EX3DV4	Head	2 300	1010	2024-09-05	39.6	1.68	PASS	PASS	PASS	N/A	N/A	N/A
10	7679	EX3DV4	Head	2 450	743	2024-09-05	39.3	1.82	PASS	PASS	PASS	OFDM	N/A	PASS
10	7679	EX3DV4	Head	2 600	1015	2024-09-05	39.2	1.95	PASS	PASS	PASS	N/A	N/A	N/A
10	7679	EX3DV4	Head	2 600	1015	2024-09-05	39.2	1.95	PASS	PASS	PASS	TDD	PASS	N/A
9	7309	EX3DV4	Head	3 500	1040	2025-01-24	37.6	2.93	PASS	PASS	PASS	TDD	PASS	N/A
10	7679	EX3DV4	Head	3 500	1040	2025-01-24	37.6	2.93	PASS	PASS	PASS	TDD	PASS	N/A
9	7309	EX3DV4	Head	3 700	1105	2024-10-03	37.8	3.15	PASS	PASS	PASS	TDD	PASS	N/A
10	7679	EX3DV4	Head	3 700	1105	2024-09-29	37.6	3.14	PASS	PASS	PASS	TDD	PASS	N/A
10	7679	EX3DV4	Head	3 900	1086	2024-09-05	37.3	3.31	PASS	PASS	PASS	TDD	PASS	N/A
9	7309	EX3DV4	Head	5 250	1107	2024-06-30	35.8	4.72	PASS	PASS	PASS	OFDM	N/A	PASS
9	7309	EX3DV4	Head	5 600	1107	2024-06-30	35.2	5.10	PASS	PASS	PASS	OFDM	N/A	PASS
9	7309	EX3DV4	Head	5 750	1107	2024-06-30	35.4	5.22	PASS	PASS	PASS	OFDM	N/A	PASS
9	7309	EX3DV4	Head	5 800	1107	2024-06-30	35.3	5.26	PASS	PASS	PASS	OFDM	N/A	PASS

SAR System Validation Summary

Note;

All measurement were performed using probes calibrated for CW signal only. Modulations in the table above represent test configurations for which the measurement system has been validated per FCC KDB Publication 865664 D01v01r04. SAR system were validated for modulated signals with a periodic duty cycle, such as GMSK, or with a high peak to average ratio (>5 dB), such as OFDM according to KDB 865664 D01v01r04.