

Appendix B. – SAR Test Plots

Test Laboratory: HCT CO., LTD
EUT Type: Tablet
Liquid Temperature: 21.8 °C
Ambient Temperature: 21.9 °C
Test Date: 03/29/2023
Plot No.: 1

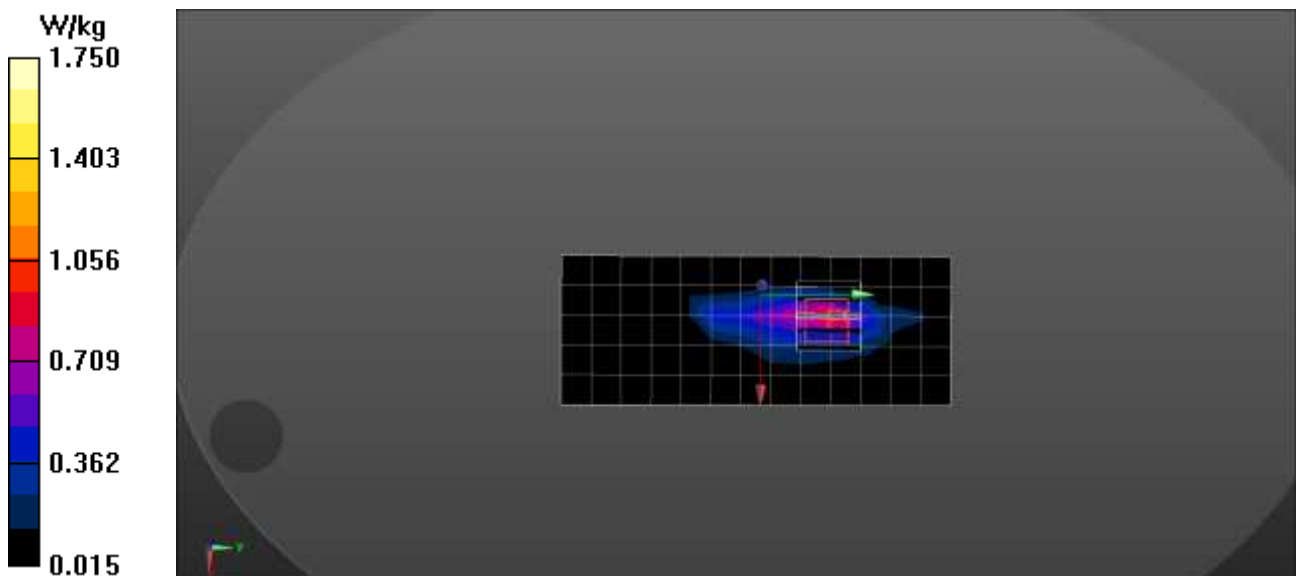
Communication System: UID 0, WCDMA850 (0); Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.883$ S/m; $\epsilon_r = 41.737$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(9.78, 9.78, 9.78) @ 836.6 MHz; Calibrated: 2022-08-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2022-11-16
- Phantom: ELI V4.0 (20deg probe tilt); Type: QD OVA 001 Bx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

UMTS Band 5 Body Top 4183ch/Area Scan (6x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.07 W/kg

UMTS Band 5 Body Top 4183ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.44 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 2.59 W/kg
SAR(1 g) = 0.768 W/kg; SAR(10 g) = 0.328 W/kg
Maximum value of SAR (measured) = 1.75 W/kg



Test Laboratory: HCT CO., LTD
EUT Type: Tablet
Liquid Temperature: 20.9 °C
Ambient Temperature: 21.0 °C
Test Date: 03/28/2023
Plot No.: 2

Communication System: UID 0, WCDMA IV (0); Frequency: 1752.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1752.6$ MHz; $\sigma = 1.335$ S/m; $\epsilon_r = 41.447$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(8.38, 8.38, 8.38) @ 1752.6 MHz; Calibrated: 2022-08-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2022-11-16
- 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 (6x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.881 W/kg

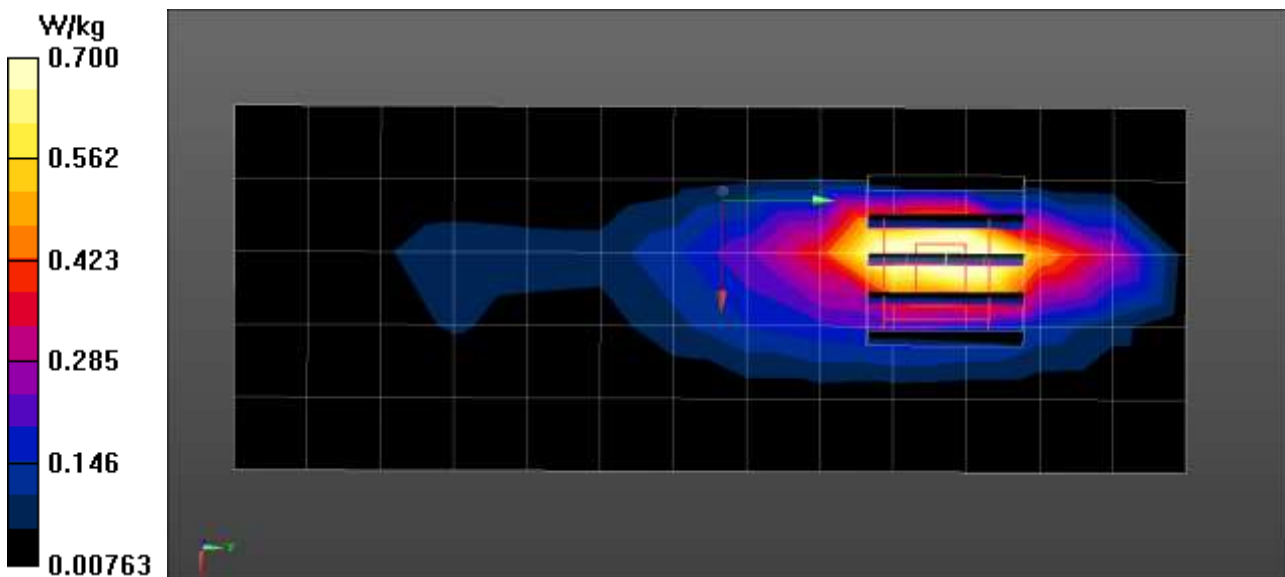
UMTS Band 4 Body Top 1513ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.32 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 2.56 W/kg

SAR(1 g) = 0.777 W/kg; SAR(10 g) = 0.290 W/kg

Maximum value of SAR (measured) = 1.95 W/kg



Test Laboratory: HCT CO., LTD
EUT Type: Tablet
Liquid Temperature: 22.5 °C
Ambient Temperature: 22.5 °C
Test Date: 03/27/2023
Plot No.: 3

Communication System: UID 0, WCDMA1900 (0); Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.412$ S/m; $\epsilon_r = 41.064$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(8.09, 8.09, 8.09) @ 1907.6 MHz; Calibrated: 2022-08-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2022-11-16
- 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 Right 9538ch/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.884 W/kg

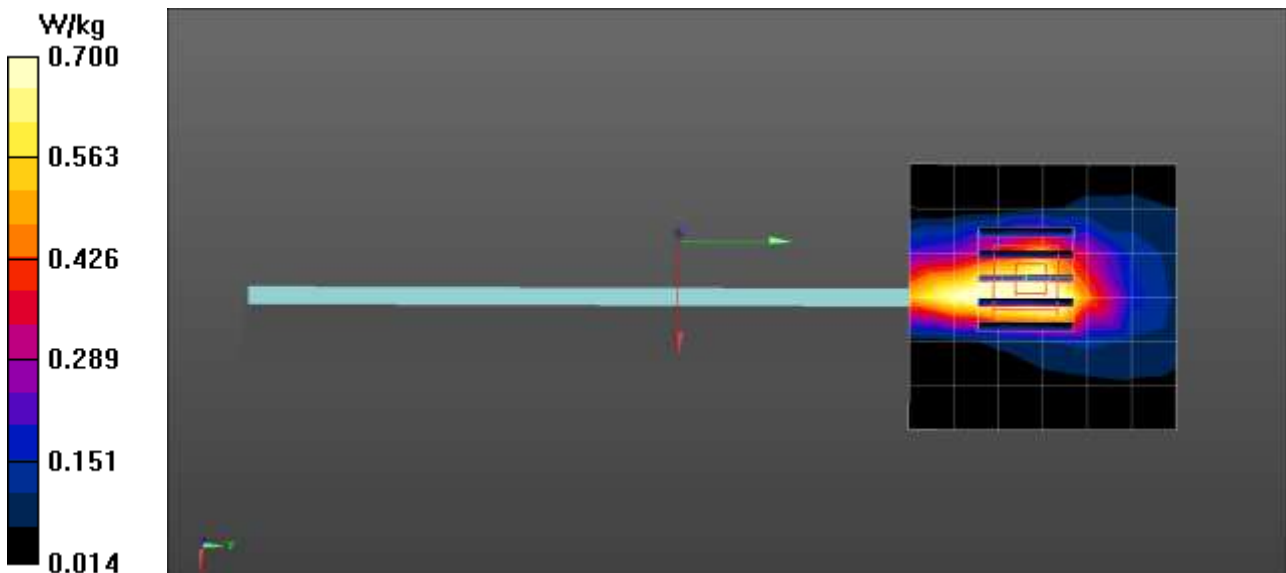
UMTS Band 2 Body Right 9538ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.01 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.69 W/kg

SAR(1 g) = 0.772 W/kg; SAR(10 g) = 0.373 W/kg

Maximum value of SAR (measured) = 1.36 W/kg



Test Laboratory: HCT CO., LTD
EUT Type: Tablet
Liquid Temp: 19.8 °C
Ambient Temperature: 19.9 °C
Test Date: 04/07/2023
Plot No.: 4

Communication System: UID 0, LTE Band 5 (0); Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.5 \text{ MHz}$; $\sigma = 0.918 \text{ S/m}$; $\epsilon_r = 43.077$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(9.53, 9.53, 9.53) @ 836.5 MHz; Calibrated: 2022-06-30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1629; Calibrated: 2022-08-17
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 5 Body Top QPSK 10MHz 1RB 0offset 20525ch/Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.47 W/kg

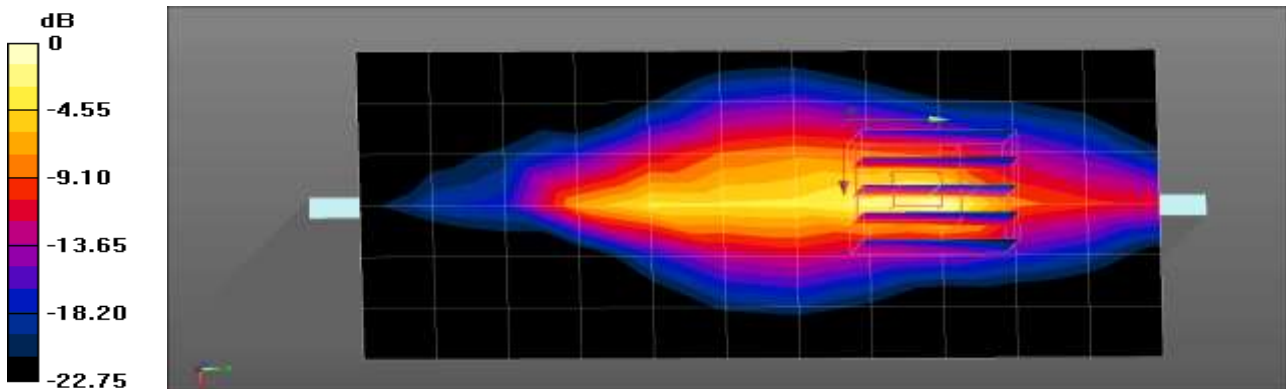
LTE Band 5 Body Top QPSK 10MHz 1RB 0offset 20525ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.24 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 2.67 W/kg

SAR(1 g) = 0.744 W/kg; SAR(10 g) = 0.312 W/kg

Maximum value of SAR (measured) = 1.79 W/kg



Test Laboratory: HCT CO., LTD
EUT Type: Tablet
Liquid Temp: 19.8 °C
Ambient Temperature: 19.9 °C
Test Date: 03/16/2023
Plot No.: 5

Communication System: UID 0, LTE Band 7 (0); Frequency: 2560 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 2560$ MHz; $\sigma = 2$ S/m; $\epsilon_r = 38.309$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7681; ConvF(7.95, 7.95, 7.95) @ 2560 MHz; Calibrated: 2022-11-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1687; Calibrated: 2022-07-18
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 7 Body Rear QPSK 20MHz 1RB 49offset 21350ch/Area Scan (11x9x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.01 W/kg

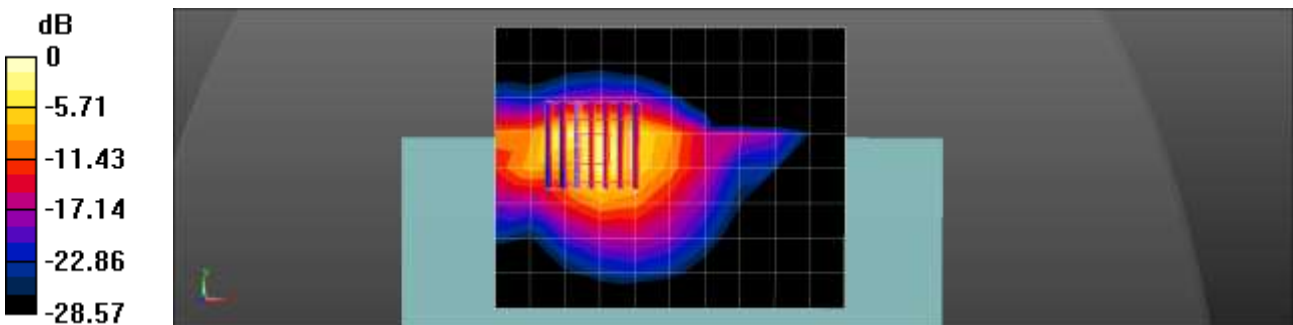
LTE Band 7 Body Rear QPSK 20MHz 1RB 49offset 21350ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.45 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 2.53 W/kg

SAR(1 g) = 0.868 W/kg; SAR(10 g) = 0.340 W/kg

Maximum value of SAR (measured) = 1.81 W/kg



Test Laboratory: HCT CO., LTD
EUT Type: Tablet
Liquid Temp: 19.8 °C
Ambient Temperature: 19.9 °C
Test Date: 03/16/2023
Plot No.: 6

Communication System: UID 0, LTE Band 7 (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 2535$ MHz; $\sigma = 1.976$ S/m; $\epsilon_r = 38.412$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7681; ConvF(7.95, 7.95, 7.95) @ 2535 MHz; Calibrated: 2022-11-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1687; Calibrated: 2022-07-18
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 7 Body Rear QPSK 20MHz 50RB 25offset 21100ch/Area Scan (11x9x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.27 W/kg

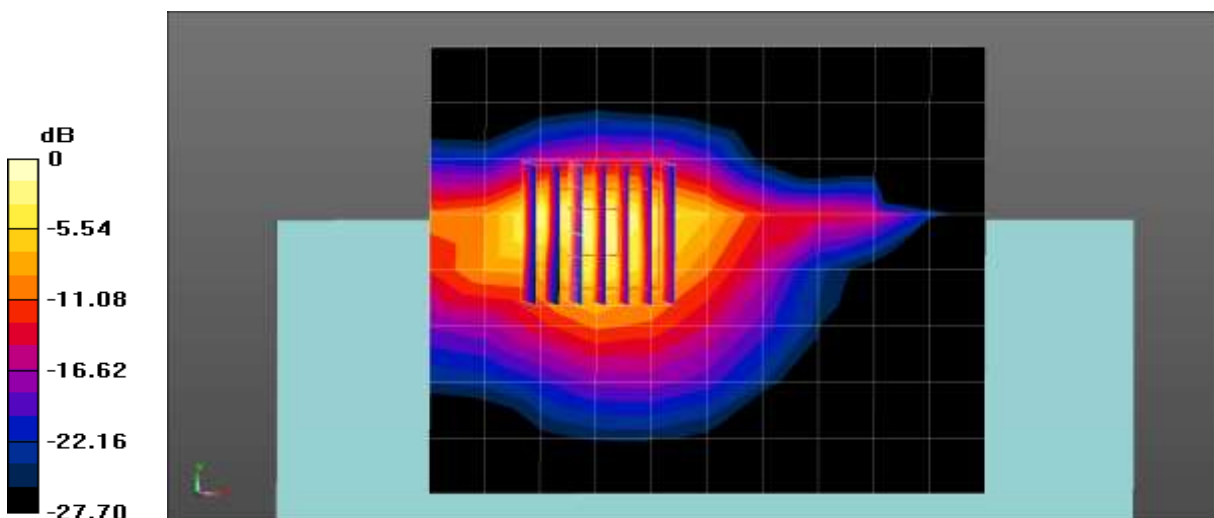
LTE Band 7 Body Rear QPSK 20MHz 50RB 25offset 21100ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.27 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 2.71 W/kg

SAR(1 g) = 0.927 W/kg; SAR(10 g) = 0.362 W/kg

Maximum value of SAR (measured) = 1.90 W/kg



Test Laboratory: HCT CO., LTD
EUT Type: Tablet
Liquid Temp: 20.1 °C
Ambient Temperature: 20.2 °C
Test Date: 04/03/2023
Plot No.: 7

Communication System: UID 0, LTE Band 7 (0); Frequency: 2560 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 2560$ MHz; $\sigma = 1.958$ S/m; $\epsilon_r = 38.209$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(7.41, 7.41, 7.41) @ 2560 MHz; Calibrated: 2022-06-30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1629; Calibrated: 2022-08-17
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 7 Body Bottom QPSK 20MHz 1RB 0offset 21350ch/Area Scan (7x17x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.83 W/kg

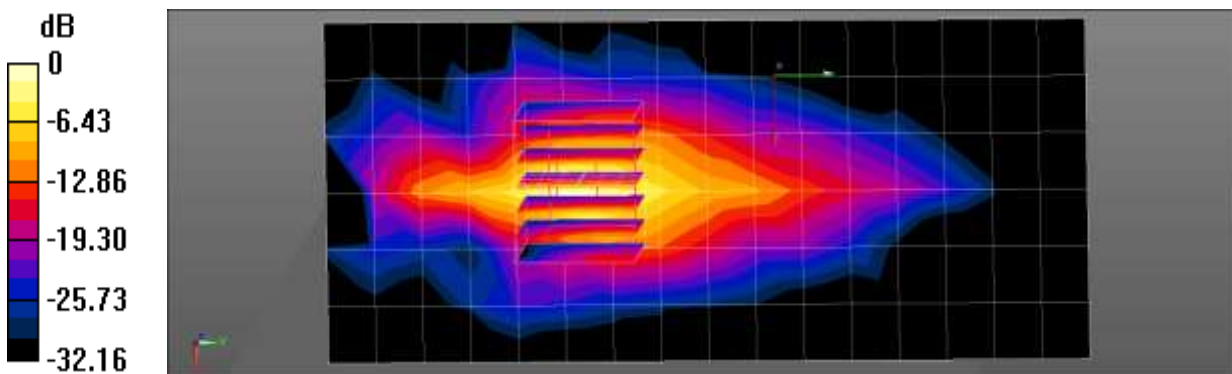
LTE Band 7 Body Bottom QPSK 20MHz 1RB 0offset 21350ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.54 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 2.67 W/kg

SAR(1 g) = 0.718 W/kg; SAR(10 g) = 0.244 W/kg

Maximum value of SAR (measured) = 1.89 W/kg



Test Laboratory: HCT CO., LTD
EUT Type: Tablet
Liquid Temp: 20.1 °C
Ambient Temperature: 20.2 °C
Test Date: 04/03/2023
Plot No.: 8

Communication System: UID 0, LTE Band 7 (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 2535$ MHz; $\sigma = 1.933$ S/m; $\epsilon_r = 38.312$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(7.41, 7.41, 7.41) @ 2535 MHz; Calibrated: 2022-06-30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1629; Calibrated: 2022-08-17
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 7 Body Bottom QPSK 20MHz 50RB 0offset 21100ch/Area Scan (7x17x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.87 W/kg

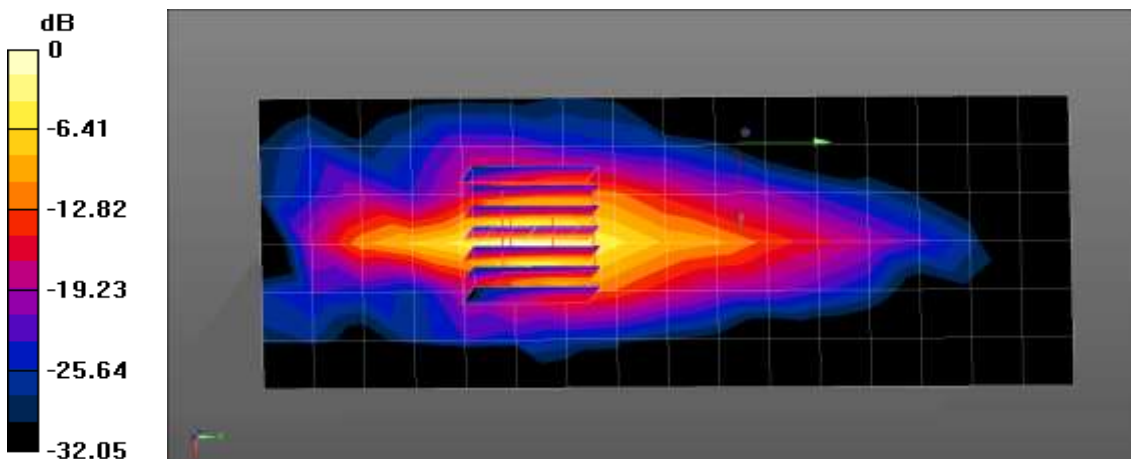
LTE Band 7 Body Bottom QPSK 20MHz 50RB 0offset 21100ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.80 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 2.74 W/kg

SAR(1 g) = 0.735 W/kg; SAR(10 g) = 0.251 W/kg

Maximum value of SAR (measured) = 1.93 W/kg



Test Laboratory: HCT CO., LTD
EUT Type: Tablet
Liquid Temp: 20.4 °C
Ambient Temperature: 20.5 °C
Test Date: 03/17/2023
Plot No.: 9

Communication System: UID 0, LTE Band 12 (0); Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.852$ S/m; $\epsilon_r = 43.464$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7681; ConvF(10.81, 10.81, 10.81) @ 707.5 MHz; Calibrated: 2022-11-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1687; Calibrated: 2022-07-18
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 12 Body Top QPSK 10MHz 25RB 12offset 23095ch/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.677 W/kg

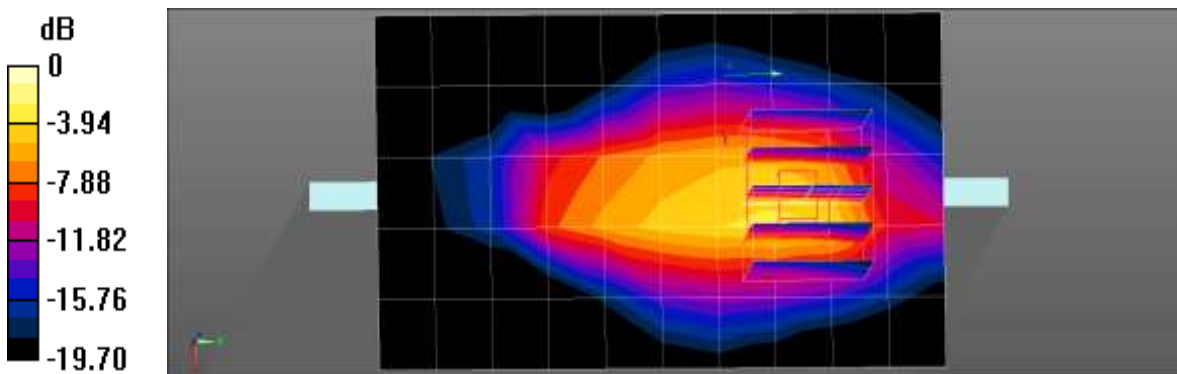
LTE Band 12 Body Top QPSK 10MHz 25RB 12offset 23095ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 37.37 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 2.02 W/kg

SAR(1 g) = 0.725 W/kg; SAR(10 g) = 0.341 W/kg.

Maximum value of SAR (measured) = 1.50 W/kg



Test Laboratory: HCT CO., LTD
 EUT Type: Tablet
 Liquid Temp: 20.0 °C
 Ambient Temperature: 20.1 °C
 Test Date: 03/20/2023
 Plot No.: 10

Communication System: UID 0, LTE Band 13 (0); Frequency: 782 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.929 \text{ S/m}$; $\epsilon_r = 42.351$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7681; ConvF(10.81, 10.81, 10.81) @ 782 MHz; Calibrated: 2022-11-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1687; Calibrated: 2022-07-18
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 13 Body Top QPSK 10MHz 25RB 0offset 23230ch/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.805 W/kg

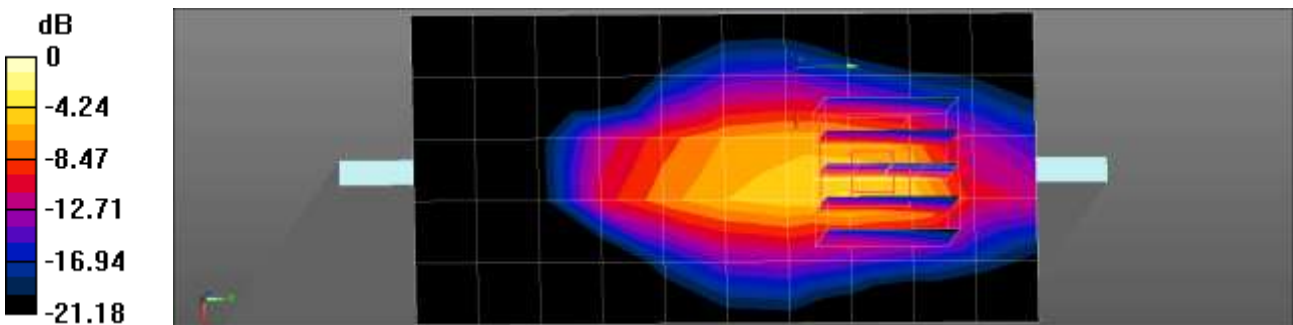
LTE Band 13 Body Top QPSK 10MHz 25RB 0offset 23230ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.56 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 2.76 W/kg

SAR(1 g) = 0.890 W/kg; SAR(10 g) = 0.392 W/kg

Maximum value of SAR (measured) = 2.00 W/kg



Test Laboratory: HCT CO., LTD
EUT Type: Tablet
Liquid Temp: 20.5 °C
Ambient Temperature: 21.0 °C
Test Date: 03/21/2023
Plot No.: 11

Communication System: UID 0, LTE Band 14 (0); Frequency: 793 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 793 \text{ MHz}$; $\sigma = 0.897 \text{ S/m}$; $\epsilon_r = 43.145$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7681; ConvF(10.81, 10.81, 10.81) @ 793 MHz; Calibrated: 2022-11-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1687; Calibrated: 2022-07-18
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 14 Body Top QPSK 10MHz 50RB 0offset 23330ch/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.790 W/kg

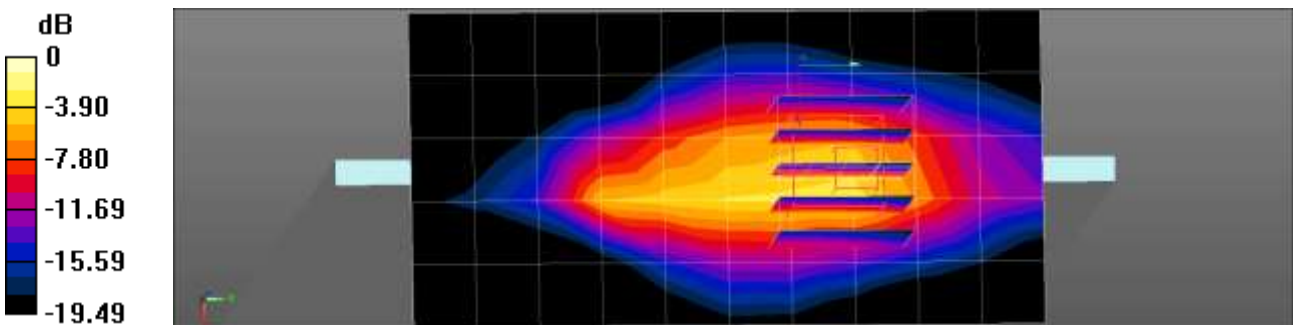
LTE Band 14 Body Top QPSK 10MHz 50RB 0offset 23330ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.94 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 2.35 W/kg

SAR(1 g) = 0.765 W/kg; SAR(10 g) = 0.344 W/kg

Maximum value of SAR (measured) = 1.63 W/kg



Test Laboratory: HCT CO., LTD
EUT Type: Tablet
Liquid Temp: 20.0 °C
Ambient Temperature: 20.1 °C
Test Date: 03/22/2023
Plot No.: 12

Communication System: UID 0, LTE Band 25 (0); Frequency: 1905 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1905$ MHz; $\sigma = 1.419$ S/m; $\epsilon_r = 41.316$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7681; ConvF(8.86, 8.86, 8.86) @ 1905 MHz; Calibrated: 2022-11-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1687; Calibrated: 2022-07-18
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 25 Body Rear QPSK 20MHz 100RB 0offset 26590ch/Area Scan (9x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.963 W/kg

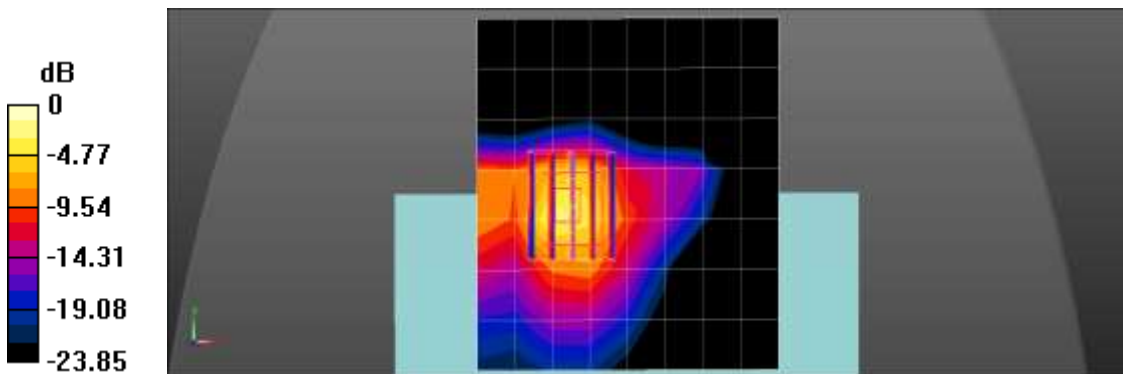
LTE Band 25 Body Rear QPSK 20MHz 100RB 0offset 26590ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.78 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 2.09 W/kg

SAR(1 g) = 0.868 W/kg; SAR(10 g) = 0.374 W/kg

Maximum value of SAR (measured) = 1.63 W/kg



Test Laboratory: HCT CO., LTD
EUT Type: Tablet
Liquid Temp: 20.5 °C
Ambient Temperature: 20.6 °C
Test Date: 04/04/2023
Plot No.: 13

Communication System: UID 0, LTE Band 25 (0); Frequency: 1905 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1905$ MHz; $\sigma = 1.417$ S/m; $\epsilon_r = 41.279$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(8.21, 8.21, 8.21) @ 1905 MHz; Calibrated: 2022-06-30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1629; Calibrated: 2022-08-17
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 25 Body Rear QPSK 20MHz 50RB 49offset 26590ch/Area Scan (13x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.10 W/kg

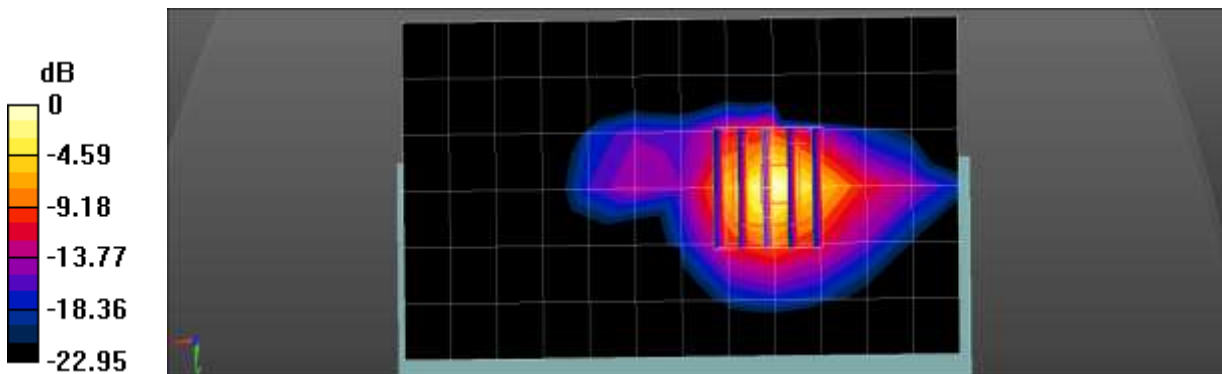
LTE Band 25 Body Rear QPSK 20MHz 50RB 49offset 26590ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.615 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.60 W/kg

SAR(1 g) = 0.550 W/kg; SAR(10 g) = 0.217 W/kg

Maximum value of SAR (measured) = 1.10 W/kg



Test Laboratory: HCT CO., LTD
EUT Type: Tablet
Liquid Temp: 20.0 °C
Ambient Temperature: 20.1 °C
Test Date: 03/23/2023
Plot No.: 14

Communication System: UID 0, LTE Band 26 (0); Frequency: 831.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 831.5$ MHz; $\sigma = 0.913$ S/m; $\epsilon_r = 42.672$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7681; ConvF(10.5, 10.5, 10.5) @ 831.5 MHz; Calibrated: 2022-11-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1687; Calibrated: 2022-07-18
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP: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 (7x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.888 W/kg

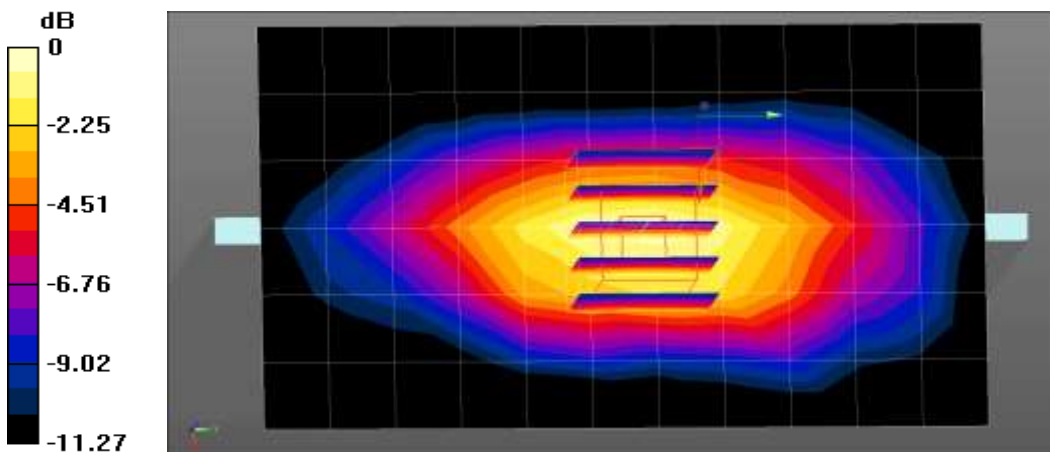
LTE Band 26 Body Top QPSK 15MHz 1RB 0offset 26865ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.43 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.05 W/kg

SAR(1 g) = 0.712 W/kg; SAR(10 g) = 0.465 W/kg

Maximum value of SAR (measured) = 0.942 W/kg



Test Laboratory: HCT CO., LTD
EUT Type: Tablet
Liquid Temp: 20.0 °C
Ambient Temperature: 20.1 °C
Test Date: 03/23/2023
Plot No.: 15

Communication System: UID 0, LTE Band 26 (0); Frequency: 831.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 831.5 \text{ MHz}$; $\sigma = 0.913 \text{ S/m}$; $\epsilon_r = 42.672$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7681; ConvF(10.5, 10.5, 10.5) @ 831.5 MHz; Calibrated: 2022-11-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1687; Calibrated: 2022-07-18
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 26 Body Top QPSK 15MHz 36RB 0offset 26865ch/Area Scan (7x12x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.92 W/kg

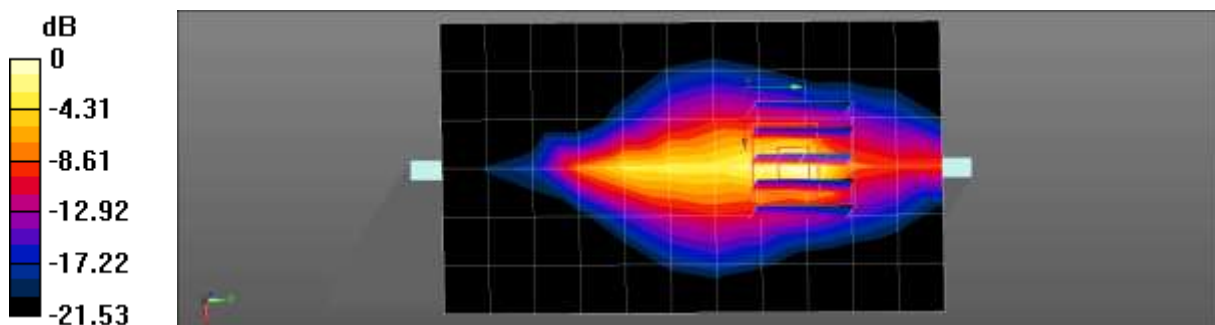
LTE Band 26 Body Top QPSK 15MHz 36RB 0offset 26865ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.32 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.42 W/kg

SAR(1 g) = 0.691 W/kg; SAR(10 g) = 0.292 W/kg

Maximum value of SAR (measured) = 1.71 W/kg



Test Laboratory: HCT CO., LTD
EUT Type: Tablet
Liquid Temp: 21.0 °C
Ambient Temperature: 21.1 °C
Test Date: 03/24/2023
Plot No.: 16

Communication System: UID 0, LTE Band 30 (0); Frequency: 2310 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 2310$ MHz; $\sigma = 1.602$ S/m; $\epsilon_r = 40.782$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(8.01, 8.01, 8.01) @ 2310 MHz; Calibrated: 2022-06-30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1629; Calibrated: 2022-08-17
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 30 Body Top QPSK 10MHz 50RB 0offset 27710ch/Area Scan (7x16x1): Measurement grid: dx=12mm, dy=12mm

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

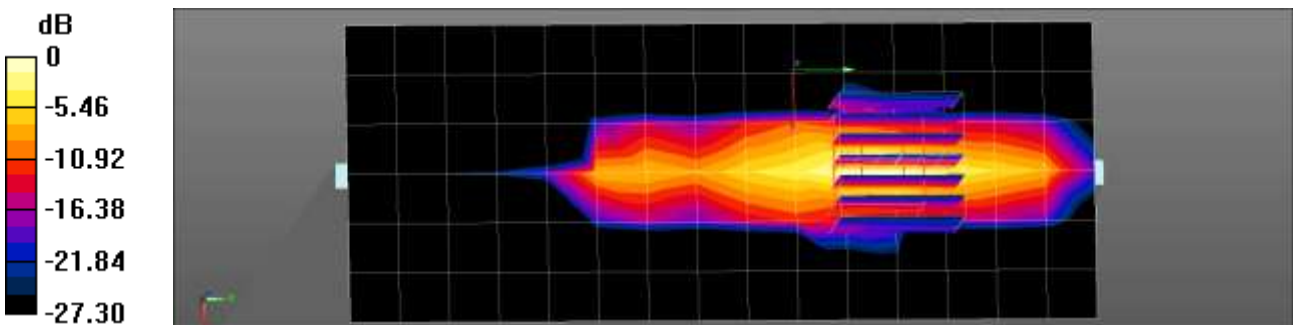
LTE Band 30 Body Top QPSK 10MHz 50RB 0offset 27710ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.40 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.88 W/kg

SAR(1 g) = 0.778 W/kg; SAR(10 g) = 0.264 W/kg

Maximum value of SAR (measured) = 1.89 W/kg



Test Laboratory: HCT CO., LTD
 EUT Type: Tablet
 Liquid Temp: 20.4 °C
 Ambient Temperature: 20.5 °C
 Test Date: 04/05/2023
 Plot No.: 17

Communication System: UID 0, LTE Band 30 (0); Frequency: 2310 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.73$ S/m; $\epsilon_r = 39.234$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(8.01, 8.01, 8.01) @ 2310 MHz; Calibrated: 2022-06-30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1629; Calibrated: 2022-08-17
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 30 Body Bottom QPSK 10MHz 50RB 0offset 27710ch/Area Scan (8x13x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.677 W/kg

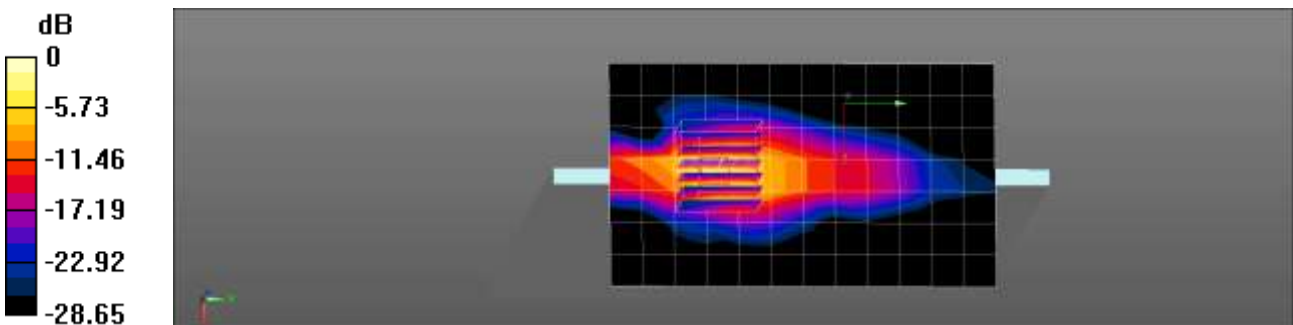
LTE Band 30 Body Bottom QPSK 10MHz 50RB 0offset 27710ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.32 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 2.71 W/kg

SAR(1 g) = 0.704 W/kg; SAR(10 g) = 0.240 W/kg

Maximum value of SAR (measured) = 1.78 W/kg



Test Laboratory: HCT CO., LTD
 EUT Type: Tablet
 Liquid Temp: 20.3 °C
 Ambient Temperature: 20.4 °C
 Test Date: 03/27/2023
 Plot No.: 18

Communication System: UID 0, LTE Band 41 (FCC) (0); Frequency: 2680 MHz;Duty Cycle: 1:1.58052
 Medium parameters used: $f = 2680 \text{ MHz}$; $\sigma = 2.128 \text{ S/m}$; $\epsilon_r = 37.247$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(7.41, 7.41, 7.41) @ 2680 MHz; Calibrated: 2022-06-30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1629; Calibrated: 2022-08-17
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 41 Body Top QPSK 20MHz 50RB 25offset 41490ch/Area Scan (7x13x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.48 W/kg

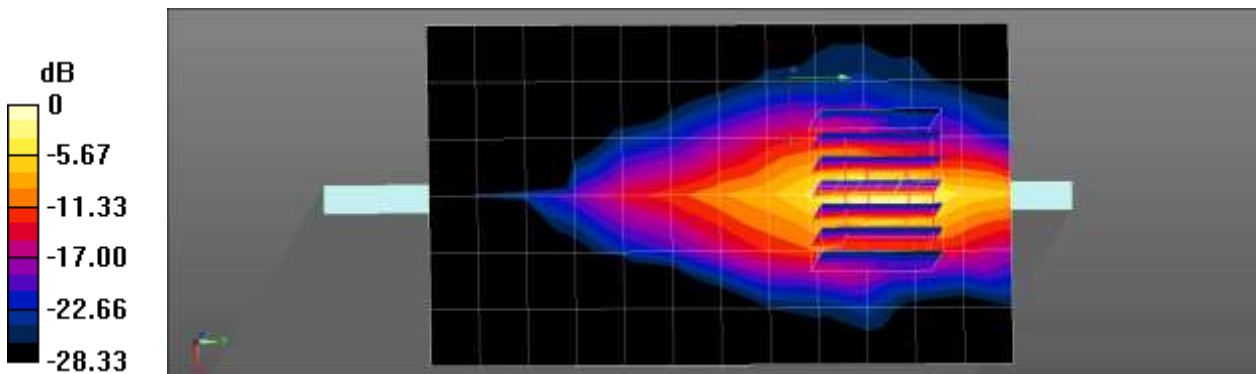
LTE Band 41 Body Top QPSK 20MHz 50RB 25offset 41490ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.58 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 2.89 W/kg

SAR(1 g) = 0.761 W/kg; SAR(10 g) = 0.254 W/kg

Maximum value of SAR (measured) = 2.00 W/kg



LTE 48

Test Laboratory: HCT CO., LTD
EUT Type: Tablet
Liquid Temp: 20.3 °C
Ambient Temperature: 20.4 °C
Test Date: 03/28/2023
Plot No.: 19

Communication System: UID 0, LTE Band 48 (0); Frequency: 3690 MHz;Duty Cycle: 1:1.58052
Medium parameters used: $f = 3690$ MHz; $\sigma = 3.163$ S/m; $\epsilon_r = 38.02$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(6.77, 6.77, 6.77) @ 3690 MHz; Calibrated: 2022-06-30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1629; Calibrated: 2022-08-17
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 48 Body Left QPSK 20MHz 1RB 0offset 56640ch/Area Scan (7x9x1): Measurement grid: dx=12mm, dy=12mm

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

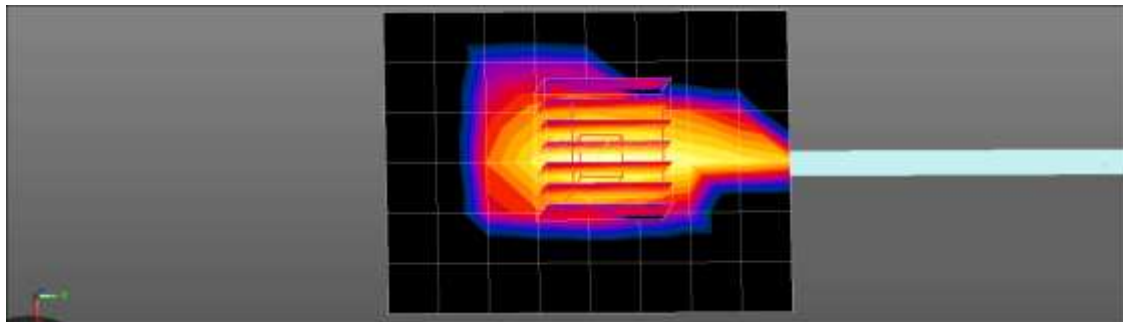
LTE Band 48 Body Left QPSK 20MHz 1RB 0offset 56640ch/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 3.095 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 3.05 W/kg

SAR(1 g) = 0.780 W/kg; SAR(10 g) = 0.228 W/kg

Maximum value of SAR (measured) = 1.96 W/kg



Test Laboratory: HCT CO., LTD
EUT Type: Tablet
Liquid Temp: 20.3 °C
Ambient Temperature: 20.4 °C
Test Date: 03/28/2023
Plot No.: 20

Communication System: UID 0, LTE Band 48 (0); Frequency: 3603.3 MHz;Duty Cycle: 1:1.58052
Medium parameters used (interpolated): $f = 3603.3$ MHz; $\sigma = 3.057$ S/m; $\epsilon_r = 38.099$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(6.77, 6.77, 6.77) @ 3603.3 MHz; Calibrated: 2022-06-30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1629; Calibrated: 2022-08-17
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 48 Body Left QPSK 20MHz 1RB 99offset 55773ch/Area Scan (7x9x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.44 W/kg

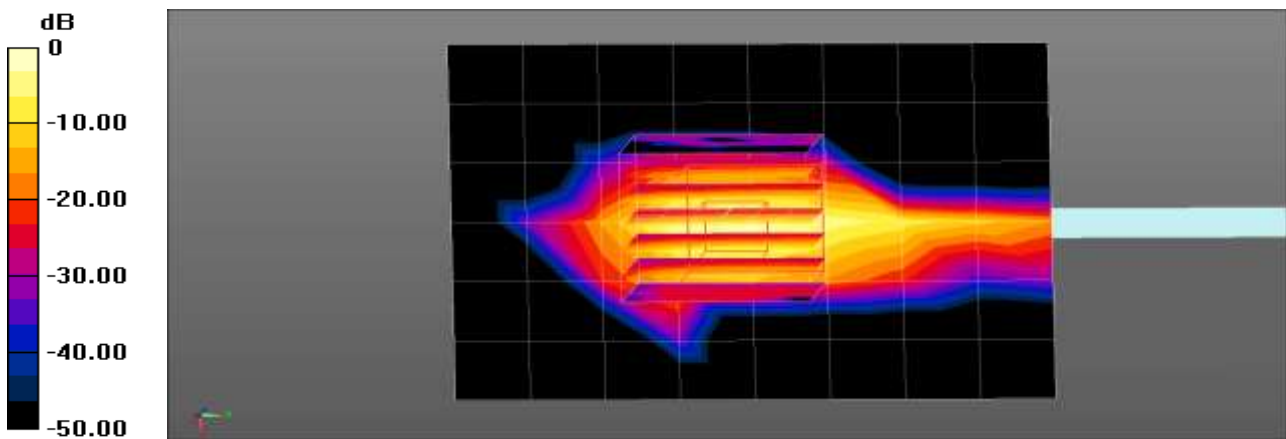
LTE Band 48 Body Left QPSK 20MHz 1RB 99offset 55773ch/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 5.188 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 3.19 W/kg

SAR(1 g) = 0.786 W/kg; SAR(10 g) = 0.226 W/kg

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



Test Laboratory: HCT CO., LTD
EUT Type: Tablet
Liquid Temp: 21.0 °C
Ambient Temperature: 21.0 °C
Test Date: 03/29/2023
Plot No.: 21

Communication System: UID 0, LTE Band 66 (0); Frequency: 1770 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 1770$ MHz; $\sigma = 1.368$ S/m; $\epsilon_r = 39.539$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7681; ConvF(9.29, 9.29, 9.29) @ 1770 MHz; Calibrated: 2022-11-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1687; Calibrated: 2022-07-18
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 66 Body Top QPSK 20MHz 50RB 25offset 132572ch/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.843 W/kg

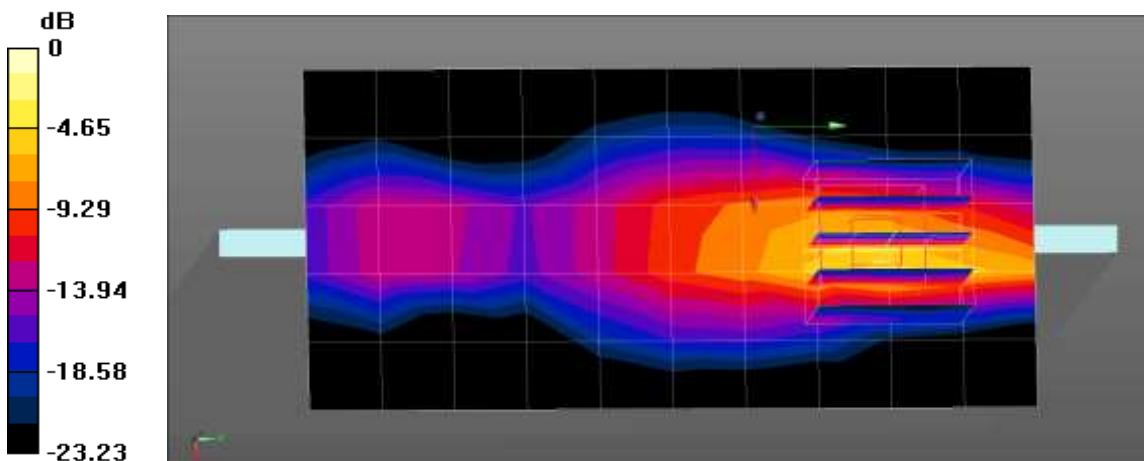
LTE Band 66 Body Top QPSK 20MHz 50RB 25offset 132572ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.98 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 2.68 W/kg

SAR(1 g) = 0.810 W/kg; SAR(10 g) = 0.307 W/kg

Maximum value of SAR (measured) = 2.05 W/kg



Test Laboratory: HCT CO., LTD
EUT Type: Tablet
Liquid Temp: 21.0 °C
Ambient Temperature: 21.0 °C
Test Date: 03/29/2023
Plot No.: 22

Communication System: UID 0, LTE Band 66 (0); Frequency: 1770 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 1770$ MHz; $\sigma = 1.368$ S/m; $\epsilon_r = 39.539$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7681; ConvF(9.29, 9.29, 9.29) @ 1770 MHz; Calibrated: 2022-11-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1687; Calibrated: 2022-07-18
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 66 Body Top QPSK 20MHz 100RB 0offset 132572ch/Area Scan (6x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.866 W/kg

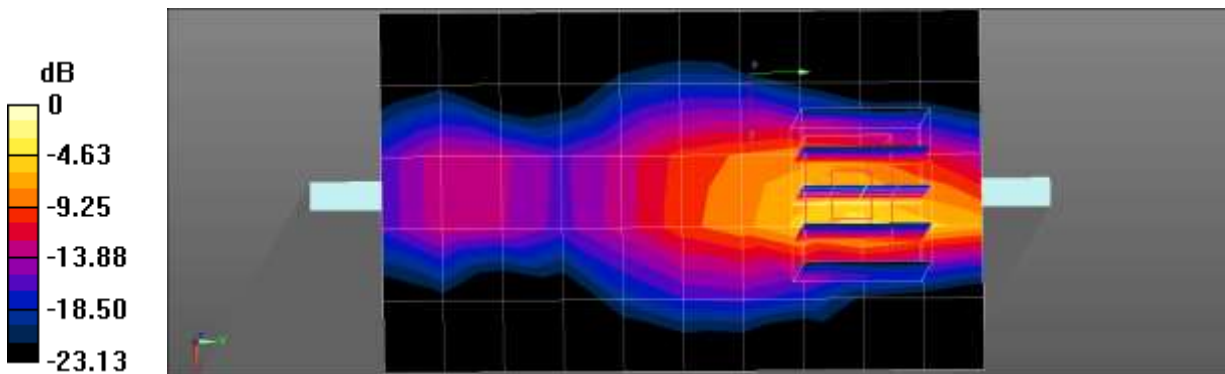
LTE Band 66 Body Top QPSK 20MHz 100RB 0offset 132572ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.94 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.66 W/kg

SAR(1 g) = 0.807 W/kg; SAR(10 g) = 0.306 W/kg

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



Test Laboratory: HCT CO., LTD
EUT Type: Tablet
Liquid Temp: 19.8 °C
Ambient Temperature: 19.9 °C
Test Date: 04/06/2023
Plot No.: 23

Communication System: UID 0, LTE Band 66 (0); Frequency: 1770 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 1770$ MHz; $\sigma = 1.35$ S/m; $\epsilon_r = 39.535$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(8.62, 8.62, 8.62) @ 1770 MHz; Calibrated: 2022-06-30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1629; Calibrated: 2022-08-17
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 66 Body Rear QPSK 20MHz 100RB 0offset 132572ch/Area Scan (11x6x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.70 W/kg

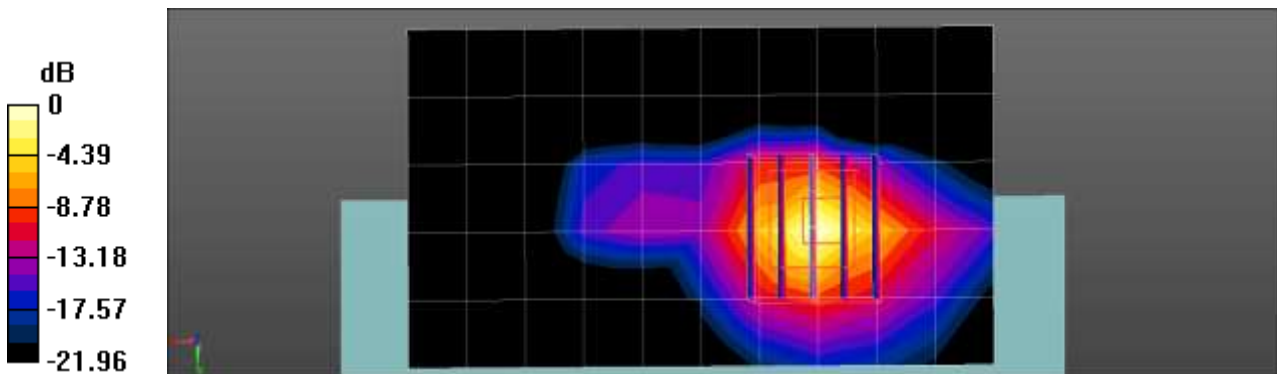
LTE Band 66 Body Rear QPSK 20MHz 100RB 0offset 132572ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.54 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.52 W/kg

SAR(1 g) = 0.802 W/kg; SAR(10 g) = 0.313 W/kg

Maximum value of SAR (measured) = 1.71 W/kg



Test Laboratory: HCT CO., LTD
EUT Type: Tablet
Liquid Temp: 20.8 °C
Ambient Temperature: 20.9 °C
Test Date: 03/30/2023
Plot No.: 24

Communication System: UID 0, LTE Band 71 (0); Frequency: 680.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 680.5$ MHz; $\sigma = 0.848$ S/m; $\epsilon_r = 44.083$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7681; ConvF(10.81, 10.81, 10.81) @ 680.5 MHz; Calibrated: 2022-11-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1687; Calibrated: 2022-07-18
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 71 Body Rear QPSK 20MHz 50RB 49offset 133297ch/Area Scan (9x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.80 W/kg

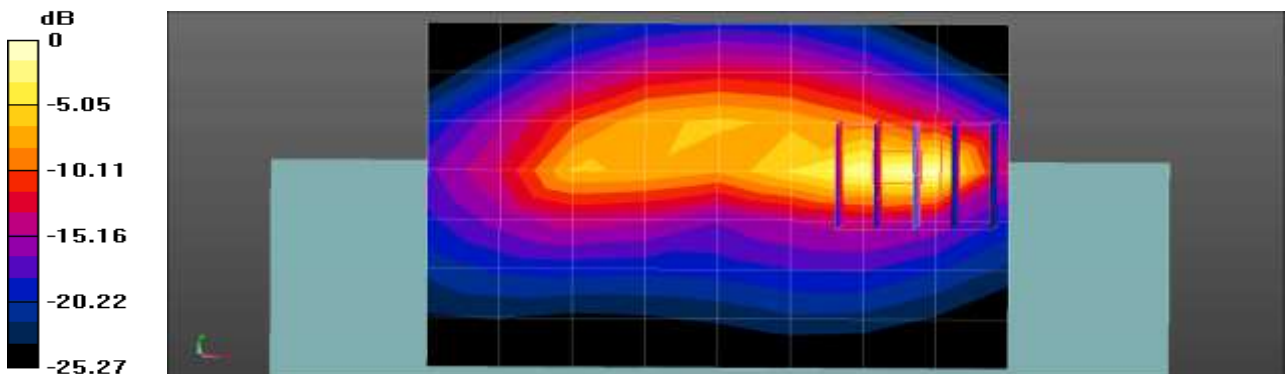
LTE Band 71 Body Rear QPSK 20MHz 50RB 49offset 133297ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.87 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 3.96 W/kg

SAR(1 g) = 0.760 W/kg; SAR(10 g) = 0.275 W/kg

Maximum value of SAR (measured) = 2.20 W/kg



Test Laboratory: HCT CO., LTD
EUT Type: Tablet
Liquid Temp: 20.8 °C
Ambient Temperature: 20.9 °C
Test Date: 03/30/2023
Plot No.: 25

Communication System: UID 0, LTE Band 71 (0); Frequency: 680.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 680.5$ MHz; $\sigma = 0.848$ S/m; $\epsilon_r = 44.083$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7681; ConvF(10.81, 10.81, 10.81) @ 680.5 MHz; Calibrated: 2022-11-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1687; Calibrated: 2022-07-18
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

LTE Band 71 Body Rear QPSK 20MHz 100RB 0offset 133297ch/Area Scan (9x8x1): Measurement grid: dx=15mm, dy=15mm.

Maximum value of SAR (measured) = 1.88 W/kg

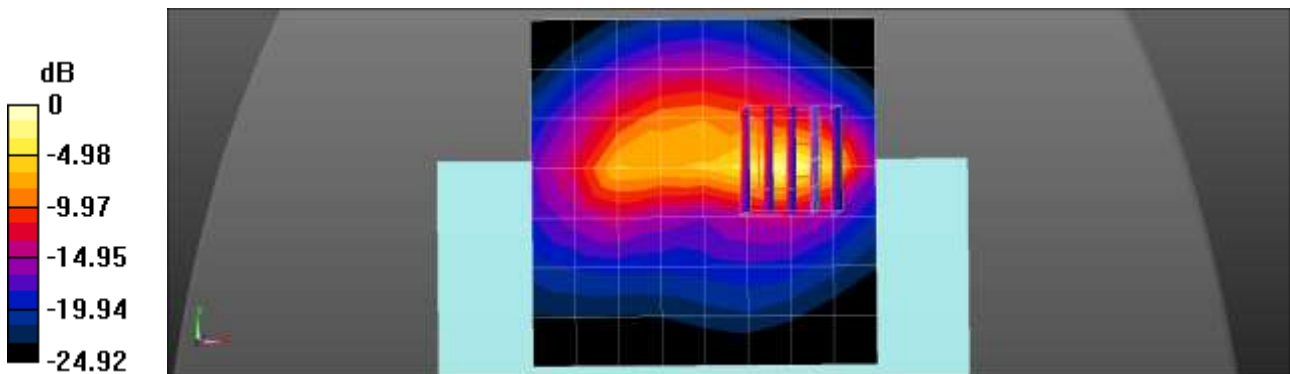
LTE Band 71 Body Rear QPSK 20MHz 100RB 0offset 133297ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.67 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 4.18 W/kg

SAR(1 g) = 0.752 W/kg; SAR(10 g) = 0.273 W/kg

Maximum value of SAR (measured) = 2.52 W/kg



Test Laboratory: HCT CO., LTD
 EUT Type: Tablet
 Liquid Temperature: 21.4 °C
 Ambient Temperature: 21.5 °C
 Test Date: 04/28/2023
 Plot No.: 26

Communication System: UID 0, 1NR (0); Frequency: 2535 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2535 \text{ MHz}$; $\sigma = 1.875 \text{ S/m}$; $\epsilon_r = 38.32$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(7.41, 7.41, 7.41) @ 2535 MHz; Calibrated: 2022-06-30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1629; Calibrated: 2022-08-17
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR Band n7 Body Top DFT-s QPSK 40MHz 108RB 54offset 507000ch/Area Scan (7x14x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 0.406 W/kg

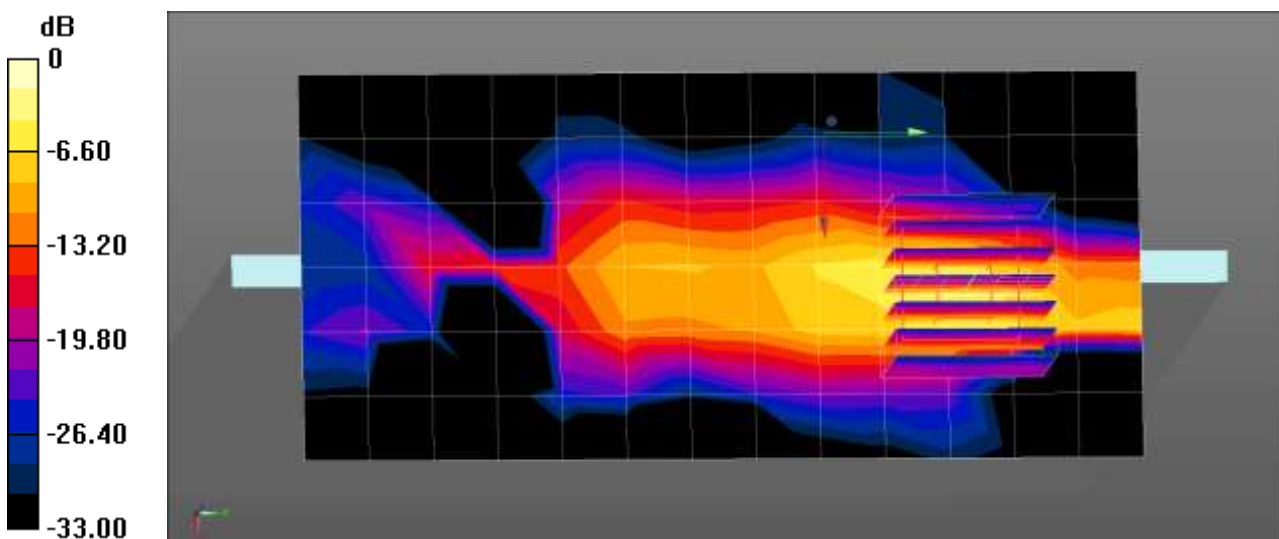
NR Band n7 Body Top DFT-s QPSK 40MHz 108RB 54offset 507000ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 8.808 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.75 W/kg

SAR(1 g) = 0.453 W/kg; SAR(10 g) = 0.147 W/kg

Maximum value of SAR (measured) = 1.19 W/kg



Test Laboratory: HCT CO., LTD
 EUT Type: Tablet
 Liquid Temperature: 21.4 °C
 Ambient Temperature: 21.5 °C
 Test Date: 04/28/2023
 Plot No.: 27

Communication System: UID 0, 1NR (0); Frequency: 2535 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2535 \text{ MHz}$; $\sigma = 1.875 \text{ S/m}$; $\epsilon_r = 38.32$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(7.41, 7.41, 7.41) @ 2535 MHz; Calibrated: 2022-06-30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1629; Calibrated: 2022-08-17
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR Band n7 Body Top DFT-s QPSK 40MHz 108RB 54offset 507000ch/Area Scan (7x17x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 0.648 W/kg

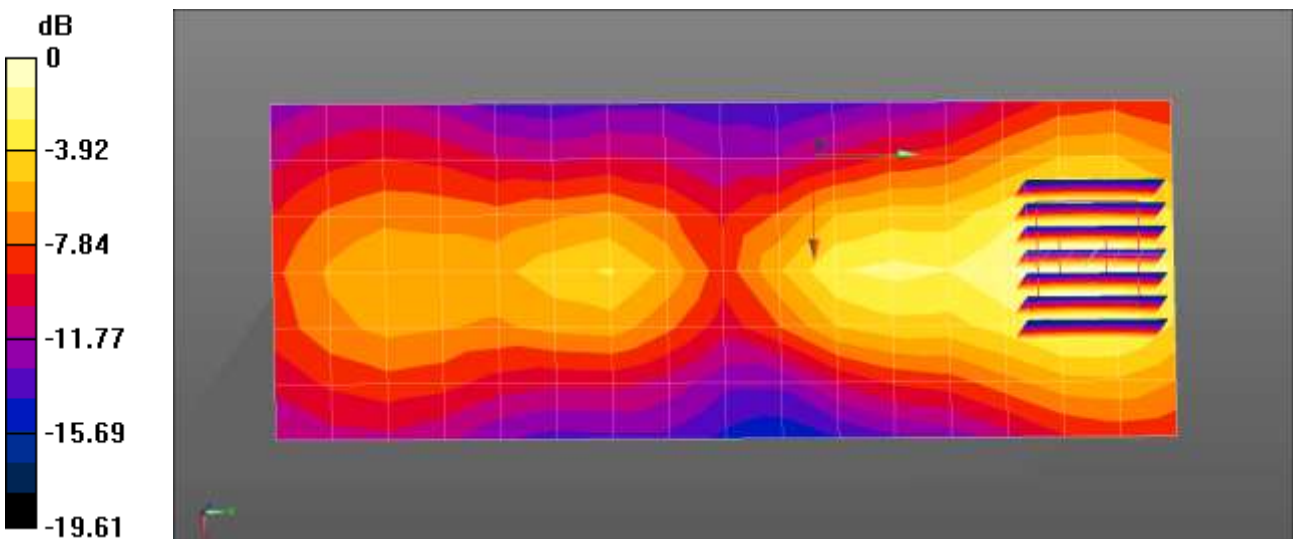
NR Band n7 Body Top DFT-s QPSK 40MHz 108RB 54offset 507000ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.549 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.810 W/kg

SAR(1 g) = 0.424 W/kg; SAR(10 g) = 0.229 W/kg

Maximum value of SAR (measured) = 0.656 W/kg



0 dB = 0.656 W/kg = -1.83 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Tablet
Liquid Temperature: 22.4 °C
Ambient Temperature: 22.5 °C
Test Date: 03/27/2023
Plot No.: 28

Communication System: UID 0, NR Band 12 (0); Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.857$ S/m; $\epsilon_r = 43.426$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(10.04, 10.04, 10.04) @ 707.5 MHz; Calibrated: 2022-08-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2022-11-16
- 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 n12 Body Top DFT-s QPSK 15MHz 1RB 40offset 141500ch/Area Scan (6x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.346 W/kg

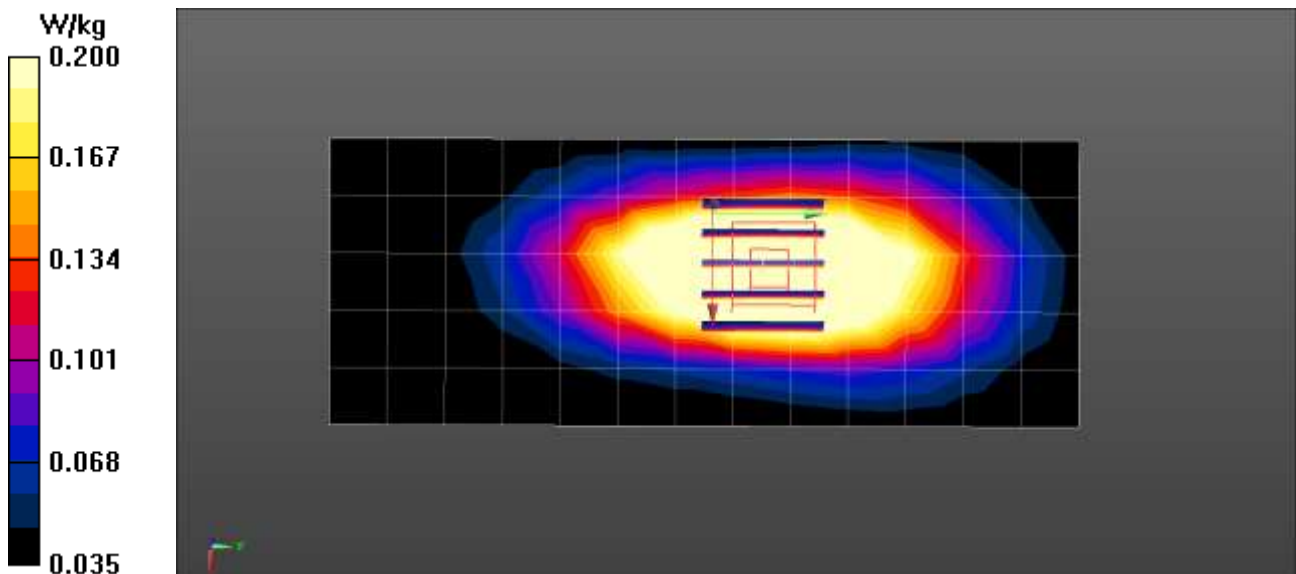
NR Band n12 Body Top DFT-s QPSK 15MHz 1RB 40offset 141500ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.25 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.424 W/kg

SAR(1 g) = 0.288 W/kg; SAR(10 g) = 0.193 W/kg

Maximum value of SAR (measured) = 0.376 W/kg



Test Laboratory: HCT CO., LTD
 EUT Type: Tablet
 Liquid Temperature: 20.7 °C
 Ambient Temperature: 20.8 °C
 Test Date: 03/23/2023
 Plot No.: 29

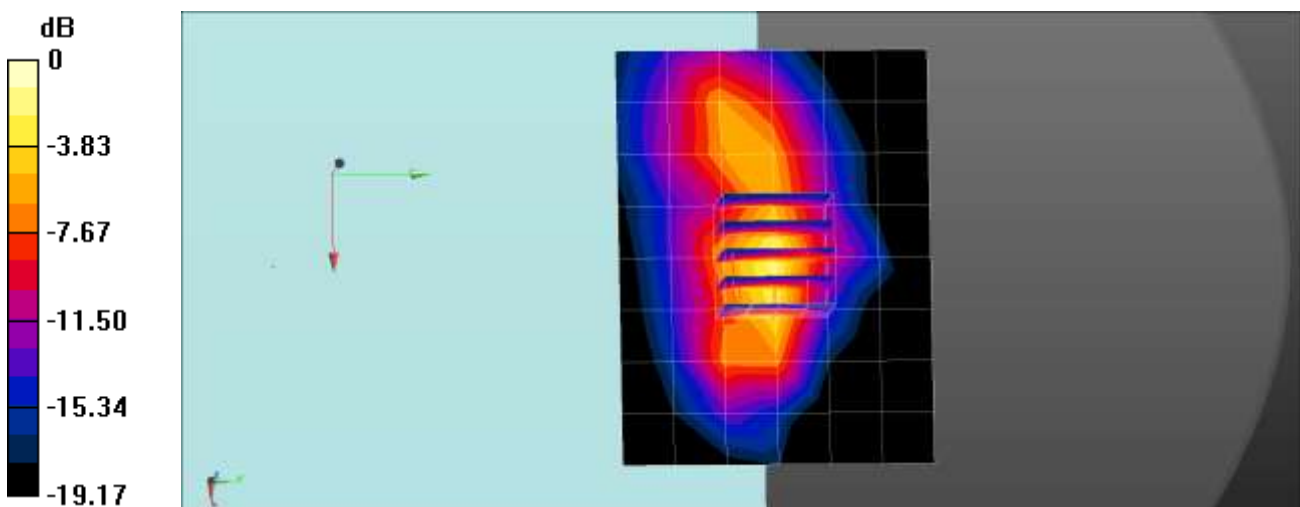
Communication System: UID 0, NR n25 (0); Frequency: 1882.5 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1882.5 \text{ MHz}$; $\sigma = 1.383 \text{ S/m}$; $\epsilon_r = 39.257$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(9.09, 9.09, 9.09) @ 1882.5 MHz; Calibrated: 2022-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1254; Calibrated: 2022-06-15
- Phantom: ELI V4.0 Left-Left(20deg probe tilt); Type: QD OVA 001 Bx; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

NR Band n25 Body Rear DFT-s QPSK 40MHz 1RB 214offset 376500ch/Area Scan (9x7x1): Measurement grid:
 $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.706 W/kg

NR Band n25 Body Rear DFT-s QPSK 40MHz 1RB 214offset 376500ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 25.78 V/m; Power Drift = 0.17 dB
 Peak SAR (extrapolated) = 1.80 W/kg
SAR(1 g) = 0.521 W/kg; SAR(10 g) = 0.234 W/kg
 Maximum value of SAR (measured) = 1.02 W/kg



0 dB = 1.02 W/kg = 0.09 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Tablet
Liquid Temperature: 20.6 °C
Ambient Temperature: 20.5 °C
Test Date: 03/23/2023
Plot No.: 30

Communication System: UID 0, NR Band 26 (0); Frequency: 831.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 831.5$ MHz; $\sigma = 0.926$ S/m; $\epsilon_r = 41.687$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(9.78, 9.78, 9.78) @ 831.5 MHz; Calibrated: 2022-08-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2022-11-16
- 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 n26 Body Top DFT-s QPSK 20MHz 50RB 0offset 166300ch/Area Scan (6x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.812 W/kg

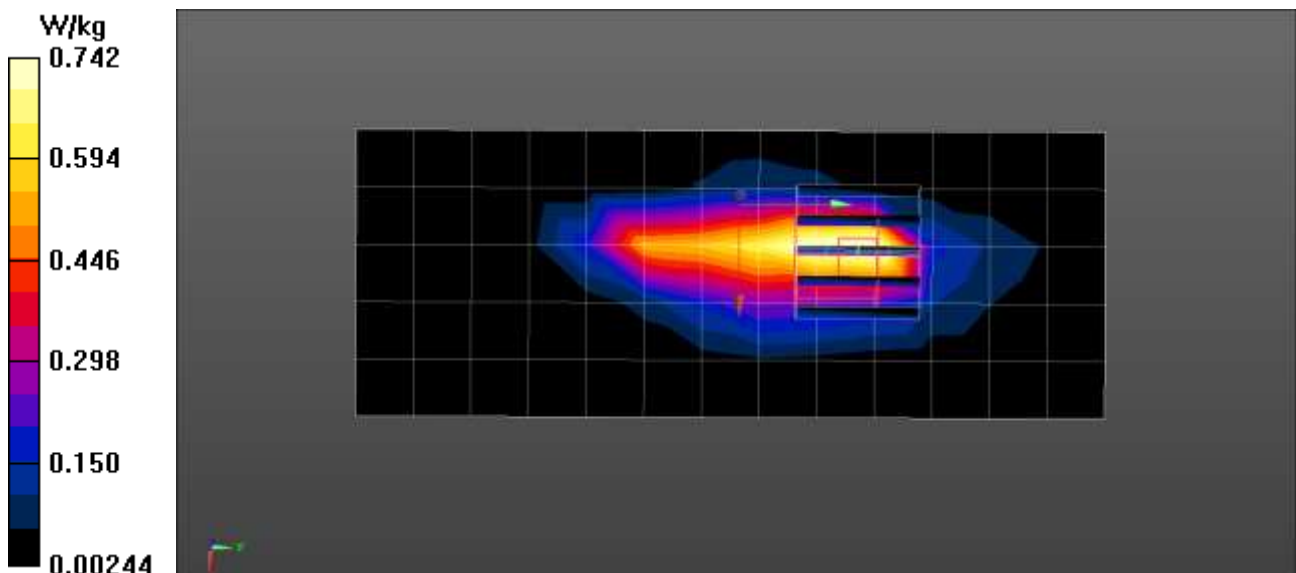
NR Band n26 Body Top DFT-s QPSK 20MHz 50RB 0offset 166300ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.29 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 2.11 W/kg

SAR(1 g) = 0.648 W/kg; SAR(10 g) = 0.285 W/kg

Maximum value of SAR (measured) = 1.50 W/kg



Test Laboratory: HCT CO., LTD
EUT Type: Tablet
Liquid Temperature: 20.6 °C
Ambient Temperature: 20.5 °C
Test Date: 03/23/2023
Plot No.: 31

Communication System: UID 0, NR Band 26 (0); Frequency: 831.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 831.5$ MHz; $\sigma = 0.926$ S/m; $\epsilon_r = 41.687$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(9.78, 9.78, 9.78) @ 831.5 MHz; Calibrated: 2022-08-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2022-11-16
- 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 n26 Body Top CP QPSK 20MHz 1RB 1offset 166300ch/Area Scan (6x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.618 W/kg

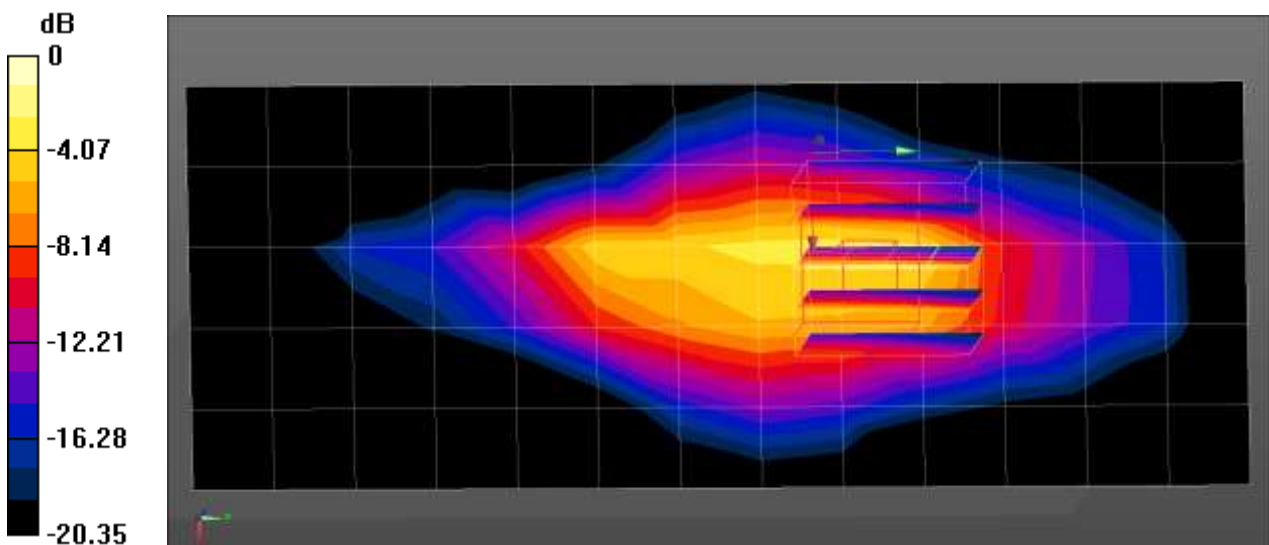
NR Band n26 Body Top CP QPSK 20MHz 1RB 1offset 166300ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.24 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 1.90 W/kg

SAR(1 g) = 0.653 W/kg; SAR(10 g) = 0.314 W/kg

Maximum value of SAR (measured) = 1.35 W/kg



Test Laboratory: HCT CO., LTD
 EUT Type: Tablet
 Liquid Temperature: 21.0 °C
 Ambient Temperature: 21.1 °C
 Test Date: 03/24/2023
 Plot No.: 32

Communication System: UID 0, NR n30 (0); Frequency: 2310 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2310 \text{ MHz}$; $\sigma = 1.726 \text{ S/m}$; $\epsilon_r = 39.271$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(8.82, 8.82, 8.82) @ 2310 MHz; Calibrated: 2022-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1254; Calibrated: 2022-06-15
- Phantom: ELI V4.0 Left-Left(20deg probe tilt); Type: QD OVA 001 Bx; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

NR Band n30 Body Rear DFT-s QPSK 10MHz 1RB 50offset 462000ch Grip 0mm/Area Scan (11x8x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 2.47 W/kg

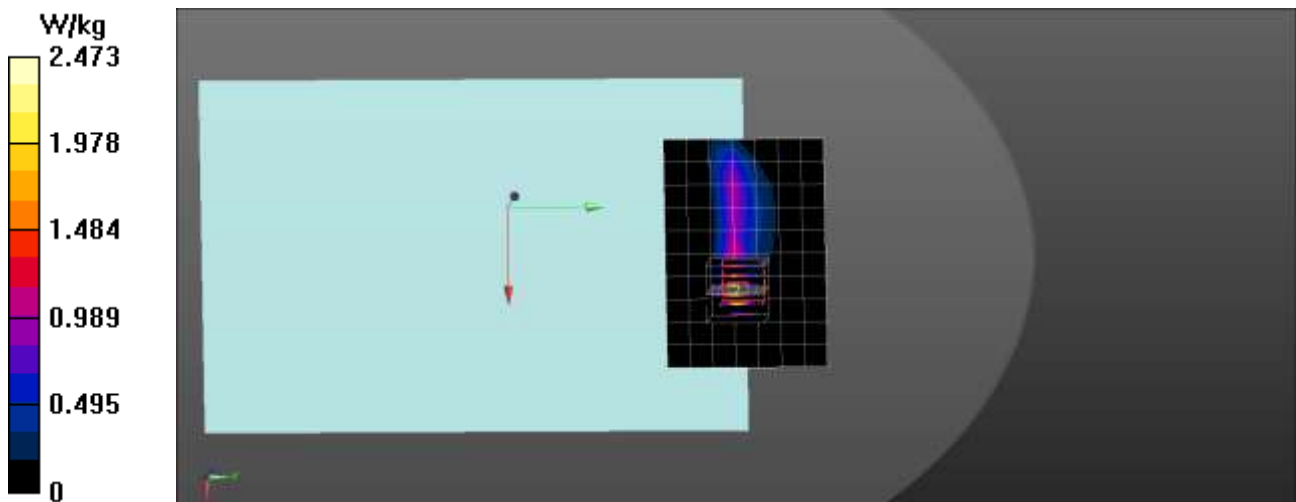
NR Band n30 Body Rear DFT-s QPSK 10MHz 1RB 50offset 462000ch Grip 0mm/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 29.47 V/m; Power Drift = -0.13 dB

SAR(1 g) = 0.709 W/kg; SAR(10 g) = 0.233 W/kg

Maximum value of SAR (measured) = 2.44 W/kg



Test Laboratory: HCT CO., LTD
 EUT Type: Tablet
 Liquid Temperature: 21.0 °C
 Ambient Temperature: 21.1 °C
 Test Date: 03/24/2023
 Plot No.: 33

Communication System: UID 0, NR n30 (0); Frequency: 2310 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2310 \text{ MHz}$; $\sigma = 1.726 \text{ S/m}$; $\epsilon_r = 39.271$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(8.82, 8.82, 8.82) @ 2310 MHz; Calibrated: 2022-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1254; Calibrated: 2022-06-15
- Phantom: ELI V4.0 Left-Left(20deg probe tilt); Type: QD OVA 001 Bx; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

NR Band n30 Body Top DFT-s QPSK 10MHz 50RB 0offset 462000ch/Area Scan (8x20x1): Measurement grid:
 $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 1.48 W/kg

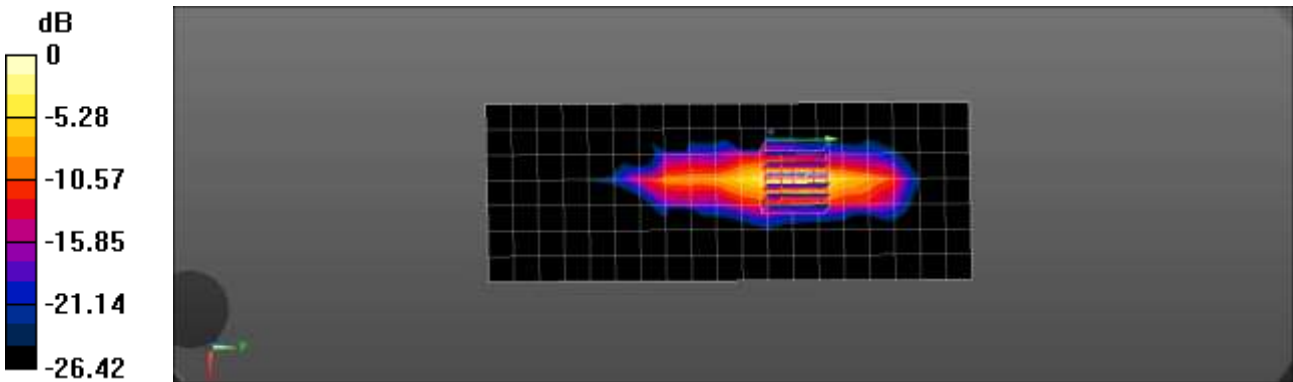
NR Band n30 Body Top DFT-s QPSK 10MHz 50RB 0offset 462000ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 10.51 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 2.76 W/kg

SAR(1 g) = 0.714 W/kg; SAR(10 g) = 0.241 W/kg

Maximum value of SAR (measured) = 1.90 W/kg



0 dB = 1.90 W/kg = 2.79 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Tablet
 Liquid Temperature: 18.0 °C
 Ambient Temperature: 18.0 °C
 Test Date: 04/03/2023
 Plot No.: 34

Communication System: UID 0, NR Band n41 (0); Frequency: 2592.99 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2592.99$ MHz; $\sigma = 1.979$ S/m; $\epsilon_r = 38.595$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7680; ConvF(7.64, 7.64, 7.64) @ 2592.99 MHz; Calibrated: 2022-09-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2022-10-10
- Phantom: ELI v5.0_2014_03_05; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

NR Band n41 CP QPSK 100MHz 1RB 1offset 518598ch Grip 0mm/Area Scan (15x8x1): Measurement grid:

$dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.972 W/kg

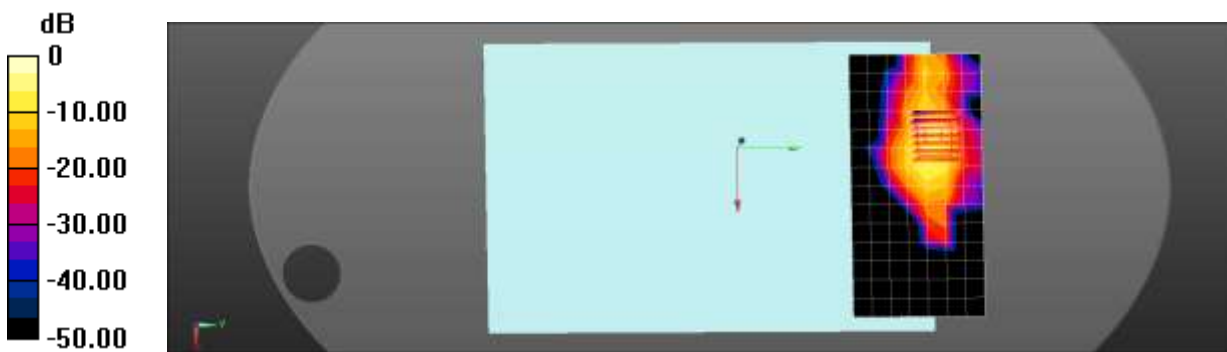
NR Band n41 CP QPSK 100MHz 1RB 1offset 518598ch Grip 0mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid:

$dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 10.12 V/m; Power Drift = 0.12 dB

SAR(1 g) = 0.733 W/kg; SAR(10 g) = 0.248 W/kg

Maximum value of SAR (measured) = 1.71 W/kg



0 dB = 1.71 W/kg = 2.33 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Tablet
Liquid Temperature: 19.0 °C
Ambient Temperature: 19.1 °C
Test Date: 04/10/2023
Plot No.: 35

Communication System: UID 0, NR Band n41 (0); Frequency: 2592.99 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 2592.99$ MHz; $\sigma = 2.026$ S/m; $\epsilon_r = 39.18$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7680; ConvF(7.64, 7.64, 7.64) @ 2592.99 MHz; Calibrated: 2022-09-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2022-10-10
- Phantom: ELI v5.0_2014_03_05; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

NR Band n41 Body Bottom CW QPSK 100MHz 1RB 1offset/Area Scan (7x19x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.13 W/kg

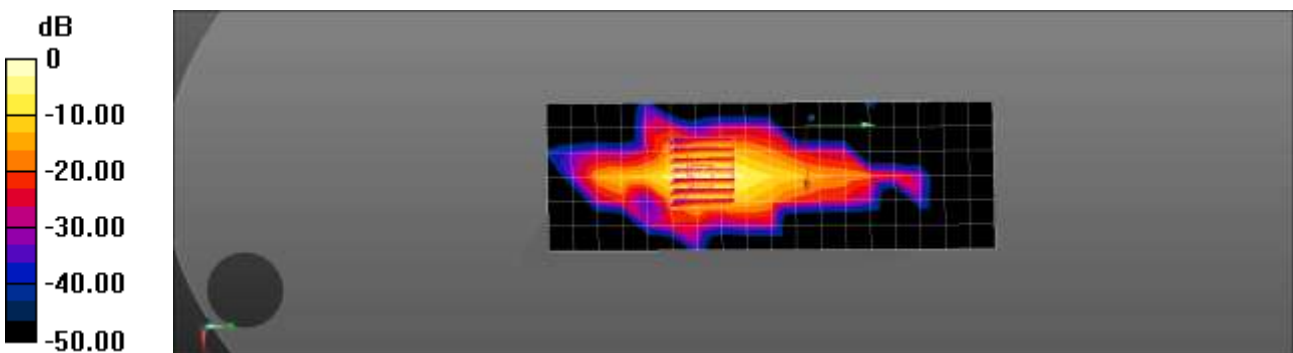
NR Band n41 Body Bottom CW QPSK 100MHz 1RB 1offset/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.797 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.65 W/kg

SAR(1 g) = 0.391 W/kg; SAR(10 g) = 0.118 W/kg

Maximum value of SAR (measured) = 1.07 W/kg



0 dB = 1.07 W/kg = 0.29 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Tablet
 Liquid Temperature: 22.4 °C
 Ambient Temperature: 22.4 °C
 Test Date: 04/19/2023
 Plot No.: 36

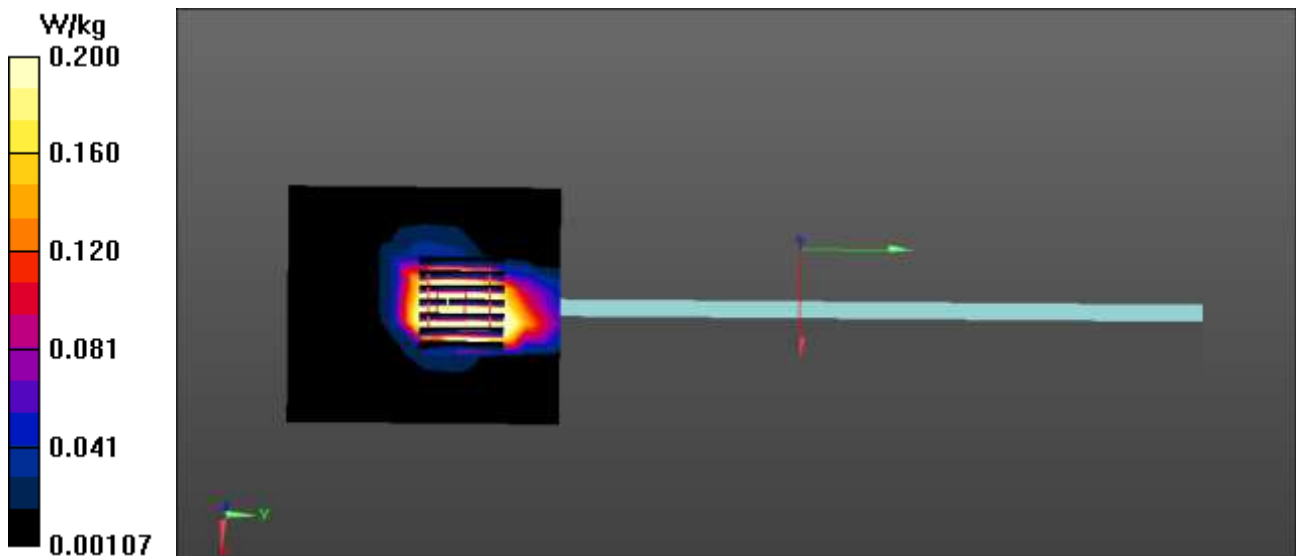
Communication System: UID 0, NR Band n41 (0); Frequency: 2592.99 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2592.99$ MHz; $\sigma = 2.025$ S/m; $\epsilon_r = 38.083$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(7.36, 7.36, 7.36) @ 2592.99 MHz; Calibrated: 2022-08-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2022-11-16
- 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 n41 Body Left CW QPSK 100MHz 1RB 1offset 518598ch Max 0mm/Area Scan (8x9x1): Measurement grid:
 $dx=12$ mm, $dy=12$ mm
 Maximum value of SAR (measured) = 0.475 W/kg

NR Band n41 Body Left CW QPSK 100MHz 1RB 1offset 518598ch Max 0mm/Zoom Scan (7x7x7)/Cube
0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
 Reference Value = 2.748 V/m; Power Drift = 0.11 dB
 Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 0.400 W/kg; SAR(10 g) = 0.146 W/kg
 Maximum value of SAR (measured) = 0.930 W/kg



Test Laboratory: HCT CO., LTD
 EUT Type: Tablet
 Liquid Temperature: 22.4 °C
 Ambient Temperature: 22.4 °C
 Test Date: 04/19/2023
 Plot No.: 37

Communication System: UID 0, NR Band n41 (0); Frequency: 2592.99 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2592.99$ MHz; $\sigma = 2.025$ S/m; $\epsilon_r = 38.083$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(7.36, 7.36, 7.36) @ 2592.99 MHz; Calibrated: 2022-08-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2022-11-16
- 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 n41 Body Rear CW QPSK 100MHz 1RB 1offset 518598ch Max 0mm/Area Scan (17x9x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.578 W/kg

NR Band n41 Body Rear CW QPSK 100MHz 1RB 1offset 518598ch Max 0mm/Zoom Scan (7x7x7)/Cube 0:

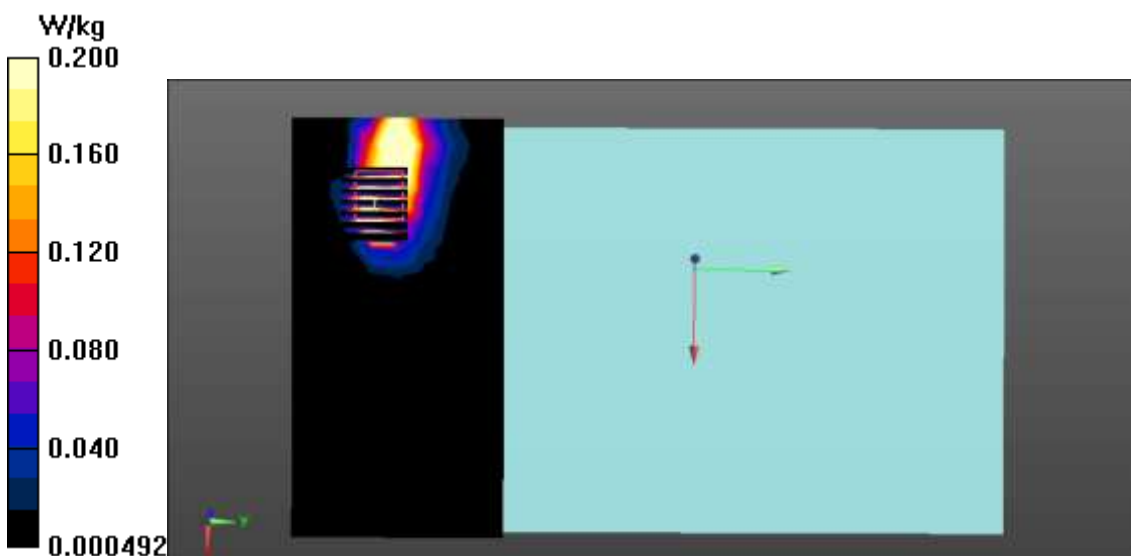
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.8710 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.960 W/kg

SAR(1 g) = 0.280 W/kg; SAR(10 g) = 0.099 W/kg

Maximum value of SAR (measured) = 0.669 W/kg



Test Laboratory: HCT CO., LTD
 EUT Type: Tablet
 Liquid Temperature: 21.1 °C
 Ambient Temperature: 21.2 °C
 Test Date: 03/31/2023
 Plot No.: 38

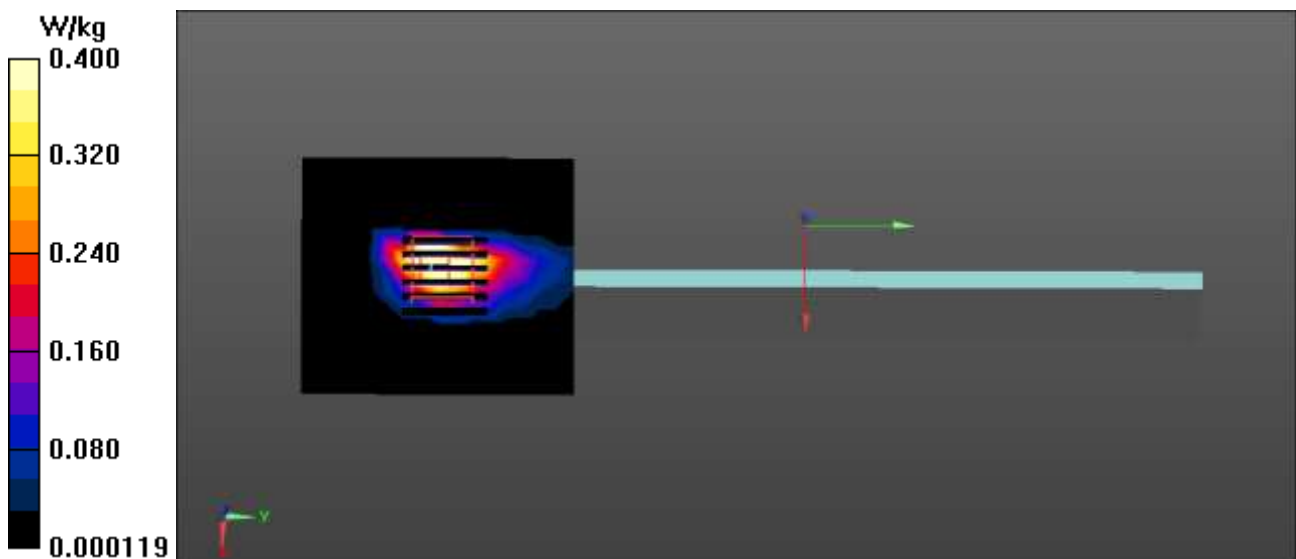
Communication System: UID 0, NR Band 48 (0); Frequency: 3680.01 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 3680.01$ MHz; $\sigma = 3.101$ S/m; $\epsilon_r = 38.224$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(6.75, 6.75, 6.75) @ 3680.01 MHz; Calibrated: 2022-08-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2022-11-16
- 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 n48 Body Left DFT-s QPSK 40MHz 50RB 0offset 645334ch/Area Scan (8x9x1): Measurement grid:
 $dx=12$ mm, $dy=12$ mm
 Maximum value of SAR (measured) = 0.678 W/kg

NR Band n48 Body Left DFT-s QPSK 40MHz 50RB 0offset 645334ch/Zoom Scan (7x7x8)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=4$ mm
 Reference Value = 7.997 V/m; Power Drift = 0.18 dB
SAR(1 g) = 0.543 W/kg; SAR(10 g) = 0.157 W/kg
 Maximum value of SAR (measured) = 1.49 W/kg



Test Laboratory: HCT CO., LTD
 EUT Type: Tablet
 Liquid Temperature: 19.9 °C
 Ambient Temperature: 19.9 °C
 Test Date: 04/07/2023
 Plot No.: 39

**Measurement Report for Device, BACK, Band n48, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)
 RBPosition:Mid AntennaCfg:SISO, Channel 641666 (3625.0 MHz)**

Exposure Conditions

Phantom Section,TSL	Position,Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 19.00	Band n48	5G NR FR1 TDD, 10903-AAD	3625.0, 641666	6.92	2.98	37.8

Hardware Setup

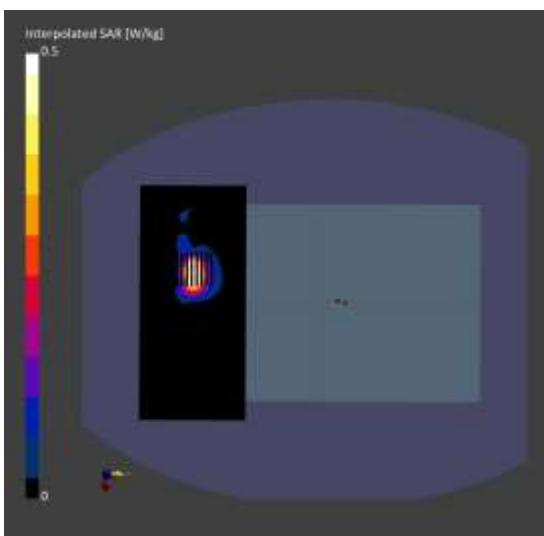
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - xxxx	EX3DV4 - SN3968, 2022-09-28	DAE4 Sn780, 2022-06-14

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	220.0 x 100.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	4.6 x 4.6 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.608	0.626
psSAR10g [W/Kg]	0.216	0.213
Power Drift [dB]	-0.11	-0.13



Test Laboratory: HCT CO., LTD
 EUT Type: Tablet
 Liquid Temperature: 19.9 °C
 Ambient Temperature: 19.9 °C
 Test Date: 04/07/2023
 Plot No.: 40

**Measurement Report for Device, BACK, Band n48, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)
 RBPosition:Mid AntennaCfg:SISO, Channel 645334 (3680.0 MHz)**

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 19.00	Band n48	5G NR FR1 TDD, 10903-AAD	3680.0, 645334	6.92	3.02	37.7

Hardware Setup

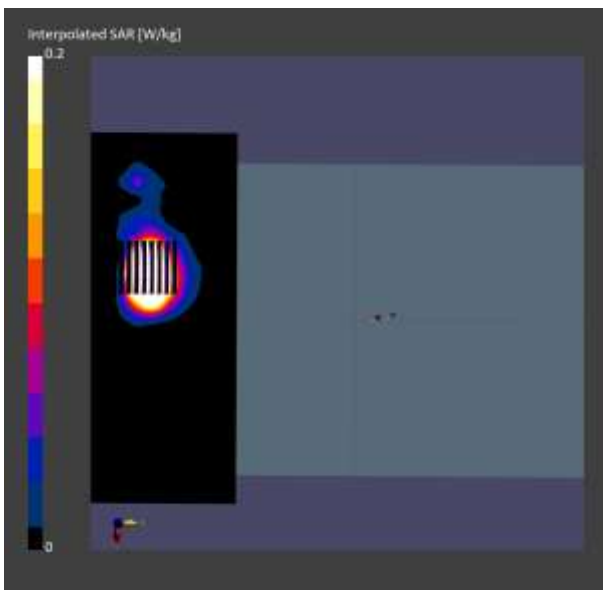
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - xxxx	EX3DV4 - SN3968, 2022-09-28	DAE4 Sn780, 2022-06-14

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	220.0 x 100.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	4.5 x 4.5 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.559	0.652
psSAR10g [W/Kg]	0.215	0.221
Power Drift [dB]	-0.17	-0.15



Test Laboratory: HCT CO., LTD
 EUT Type: Tablet
 Liquid Temperature: 19.9 °C
 Ambient Temperature: 19.9 °C
 Test Date: 04/07/2023
 Plot No.: 41

**Measurement Report for Device, BACK, Band n48, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)
 RBPosition:Mid AntennaCfg:SISO, Channel 645334 (3680.0 MHz)**

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 0.00	Band n48	5G NR FR1 TDD, 10903-AAD	3680.0, 645334	6.92	3.02	37.7

Hardware Setup

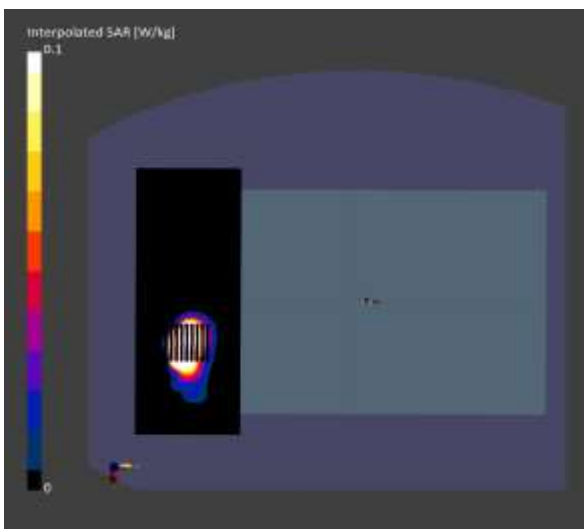
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - xxxx	EX3DV4 - SN3968, 2022-09-28	DAE4 Sn780, 2022-06-14

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	220.0 x 80.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	3.9 x 3.9 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.393	0.488
psSAR10g [W/Kg]	0.139	0.136
Power Drift [dB]	-0.09	-0.17



Test Laboratory: HCT CO., LTD
 EUT Type: Tablet
 Liquid Temperature: 19.9 °C
 Ambient Temperature: 19.9 °C
 Test Date: 04/07/2023
 Plot No.: 42

**Measurement Report for Device, EDGE LEFT, Band n48, 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)
 RBPosition:Mid AntennaCfg:SISO, Channel 645334 (3680.0 MHz)**

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	EDGE LEFT, 0.00	Band n48	5G NR FR1 TDD, 10903-AAD	3680.0, 645334	6.92	3.02	37.7

Hardware Setup

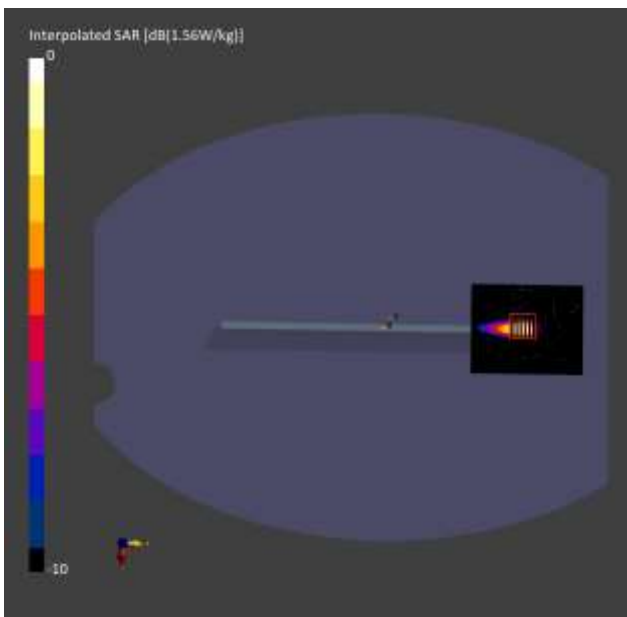
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - xxxx	EX3DV4 - SN3968, 2022-09-28	DAE4 Sn780, 2022-06-14

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 100.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.372	0.372
psSAR10g [W/Kg]	0.111	0.105
Power Drift [dB]	-0.17	0.14



Test Laboratory: HCT CO., LTD
EUT Type: Tablet
Liquid Temperature: 20.4 °C
Ambient Temperature: 20.5 °C
Test Date: 03/20/2023
Plot No.: 43

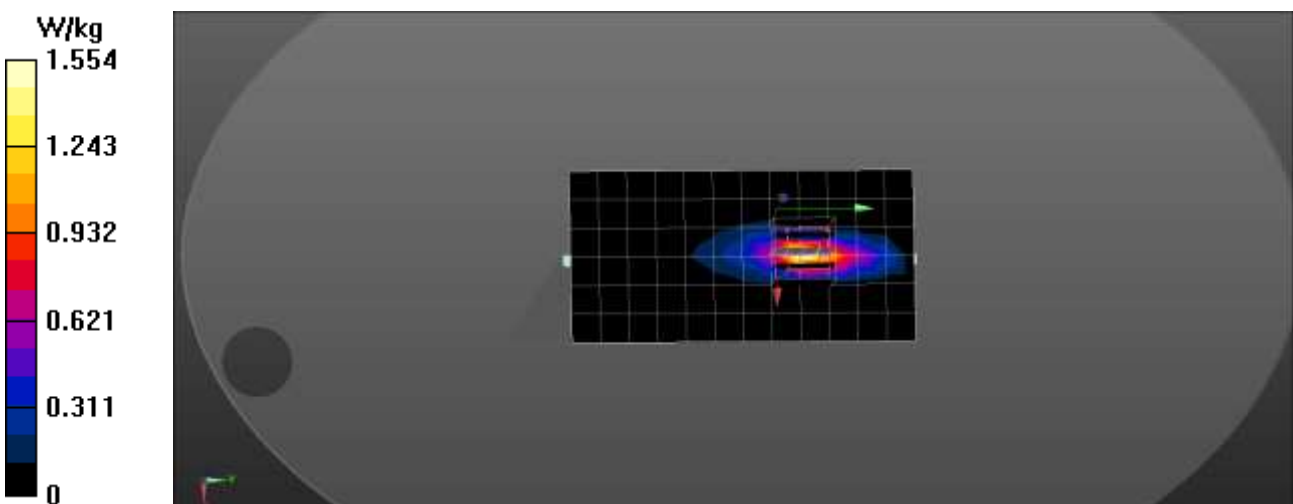
Communication System: UID 0, NR Band n66 (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.351$ S/m; $\epsilon_r = 39.642$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(9.48, 9.48, 9.48) @ 1745 MHz; Calibrated: 2022-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1254; Calibrated: 2022-06-15
- Phantom: ELI V4.0 Left-Left(20deg probe tilt); Type: QD OVA 001 Bx; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

NR Band n66 Body Top DFT-s QPSK 40MHz 108RB 108offset 349000ch/Area Scan (7x13x1): Measurement grid:
dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.55 W/kg

NR Band n66 Body Top DFT-s QPSK 40MHz 108RB 108offset 349000ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.90 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 2.51 W/kg
SAR(1 g) = 0.769 W/kg; SAR(10 g) = 0.289 W/kg
Maximum value of SAR (measured) = 1.91 W/kg



Test Laboratory: HCT CO., LTD
 EUT Type: Tablet
 Liquid Temperature: 18.0 °C
 Ambient Temperature: 18.1 °C
 Test Date: 04/03/2023
 Plot No.: 44

**Measurement Report for Device, BACK, Band n71, 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)
 RBPosition:Mid AntennaCfg:SISO, Channel 136100 (680.5 MHz)**

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 0.00	Band n71	5G NR FR1 FDD, 10931-AAC	680.5, 136100	9.88	0.862	42.9

Hardware Setup

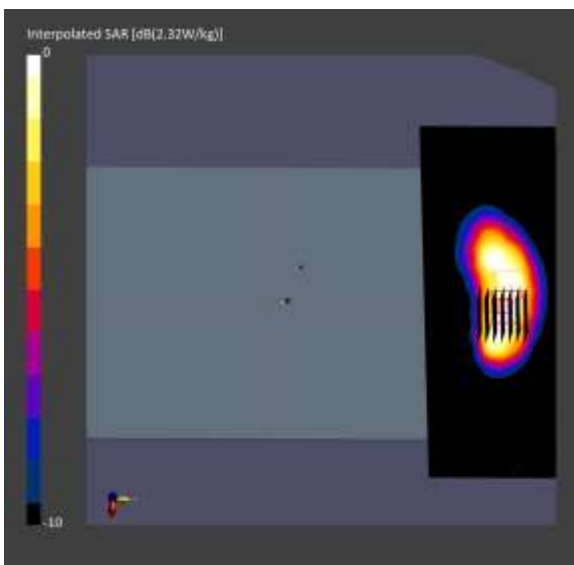
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - xxxx	EX3DV4 - SN3968, 2022-09-28	DAE4 Sn780, 2022-06-14

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	240.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	5.1 x 5.1 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
psSAR1g [W/Kg]	0.398	0.575
psSAR10g [W/Kg]	0.257	0.268
Power Drift [dB]	0.02	0.12



Test Laboratory: HCT CO., LTD
EUT Type: Tablet
Liquid Temperature: 18.6 °C
Ambient Temperature: 18.7 °C
Test Date: 04/03/2023
Plot No.: 45

Communication System: UID 0, NR Band 77 (0); Frequency: 3930 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 3930$ MHz; $\sigma = 3.277$ S/m; $\epsilon_r = 38.569$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(6.35, 6.35, 6.35) @ 3930 MHz; Calibrated: 2022-08-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2022-11-16
- 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 n77 Body Left DFT-s QPSK 100MHz 1RB 1offset 662000ch/Area Scan (8x11x1): Measurement grid:
dx=12mm, dy=12mm

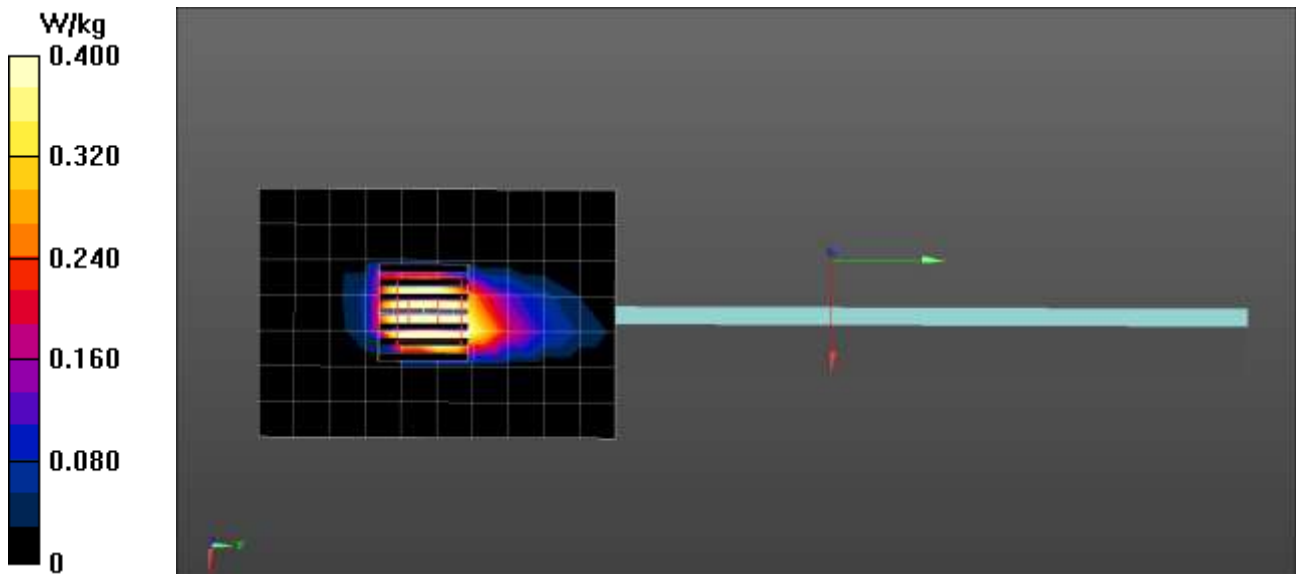
Maximum value of SAR (measured) = 0.622 W/kg

NR Band n77 Body Left DFT-s QPSK 100MHz 1RB 1offset 662000ch/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 26.47 V/m; Power Drift = -0.11 dB

SAR(1 g) = 0.718 W/kg; SAR(10 g) = 0.204 W/kg

Maximum value of SAR (measured) = 1.84 W/kg



Test Laboratory: HCT CO., LTD
EUT Type: Tablet
Liquid Temperature: 18.7 °C
Ambient Temperature: 18.7 °C
Test Date: 04/04/2023
Plot No.: 46

Communication System: UID 0, NR Band 77 (0); Frequency: 3750 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 3750$ MHz; $\sigma = 3.127$ S/m; $\epsilon_r = 38.726$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(6.75, 6.75, 6.75) @ 3750 MHz; Calibrated: 2022-08-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2022-11-16
- 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 n77 Body Rear CW QPSK 100MHz 1RB 1offset 650000ch/Area Scan (17x8x1): Measurement grid:
dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.923 W/kg

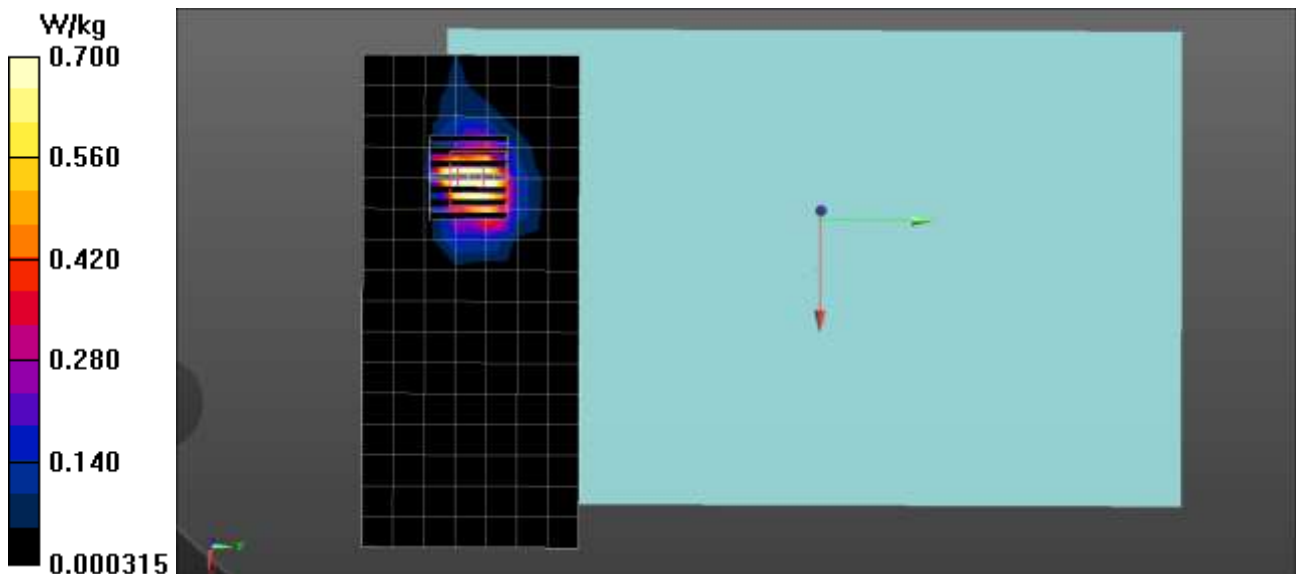
NR Band n77 Body Rear CW QPSK 100MHz 1RB 1offset 650000ch/Zoom Scan (7x7x8)/Cube 0: Measurement grid:
dx=5mm, dy=5mm, dz=4mm

Reference Value = 2.052 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 2.77 W/kg

SAR(1 g) = 0.705 W/kg; SAR(10 g) = 0.230 W/kg

Maximum value of SAR (measured) = 1.72 W/kg



Test Laboratory: HCT CO., LTD
 EUT Type: Tablet
 Liquid Temperature: 18.7 °C
 Ambient Temperature: 18.7 °C
 Test Date: 04/04/2023
 Plot No.: 47

Communication System: UID 0, NR Band 77 (0); Frequency: 3930 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 3930 \text{ MHz}$; $\sigma = 3.255 \text{ S/m}$; $\epsilon_r = 38.469$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(6.35, 6.35, 6.35) @ 3930 MHz; Calibrated: 2022-08-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2022-11-16
- 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 n77 Body Rear CW QPSK 100MHz 1RB 1offset 662000ch/Area Scan (13x8x1): Measurement grid:

$dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 1.09 W/kg

NR Band n77 Body Rear CW QPSK 100MHz 1RB 1offset 662000ch/Zoom Scan (7x7x8)/Cube 0: Measurement grid:

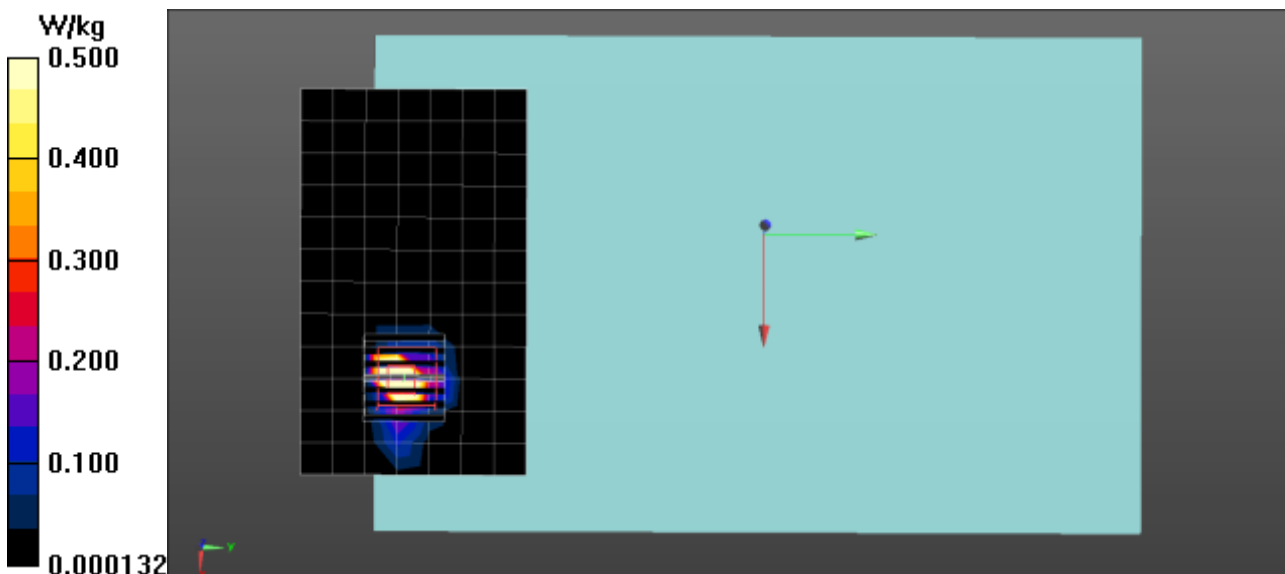
$dx=5\text{mm}$, $dy=5\text{mm}$, $dz=4\text{mm}$

Reference Value = 0 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 2.11 W/kg

SAR(1 g) = 0.481 W/kg; SAR(10 g) = 0.133 W/kg

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



Test Laboratory: HCT CO., LTD
 EUT Type: Tablet
 Liquid Temperature: 18.7 °C
 Ambient Temperature: 18.7 °C
 Test Date: 04/04/2023
 Plot No.: 48

Communication System: UID 0, NR Band 77 (0); Frequency: 3750 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 3750$ MHz; $\sigma = 3.127$ S/m; $\epsilon_r = 38.726$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(6.75, 6.75, 6.75) @ 3750 MHz; Calibrated: 2022-08-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2022-11-16
- 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 n77 Body Rear CW QPSK 100MHz 1RB 1offset 650000ch/Area Scan (13x8x1): Measurement grid:

$dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.680 W/kg

NR Band n77 Body Rear CW QPSK 100MHz 1RB 1offset 650000ch/Zoom Scan (7x7x8)/Cube 0: Measurement grid:

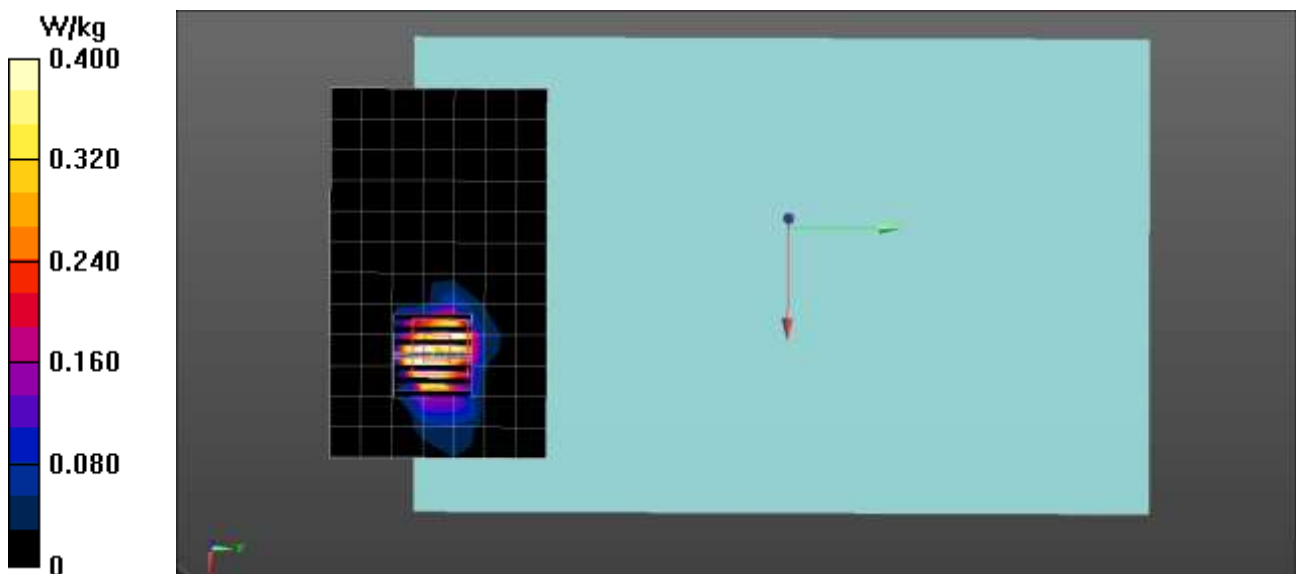
$dx=5$ mm, $dy=5$ mm, $dz=4$ mm

Reference Value = 1.239 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 2.13 W/kg

SAR(1 g) = 0.478 W/kg; SAR(10 g) = 0.136 W/kg

Maximum value of SAR (measured) = 1.20 W/kg



Test Laboratory: HCT CO., LTD
EUT Type: Tablet
Liquid Temperature: 18.7 °C
Ambient Temperature: 18.7 °C
Test Date: 04/04/2023
Plot No.: 49

Communication System: UID 0, NR Band 77 (0); Frequency: 3930 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 3930$ MHz; $\sigma = 3.255$ S/m; $\epsilon_r = 38.469$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(6.35, 6.35, 6.35) @ 3930 MHz; Calibrated: 2022-08-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2022-11-16
- 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 n77 Body Left CW QPSK 100MHz 1RB 1offset 662000ch/Area Scan (8x11x1): Measurement grid:
dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.363 W/kg

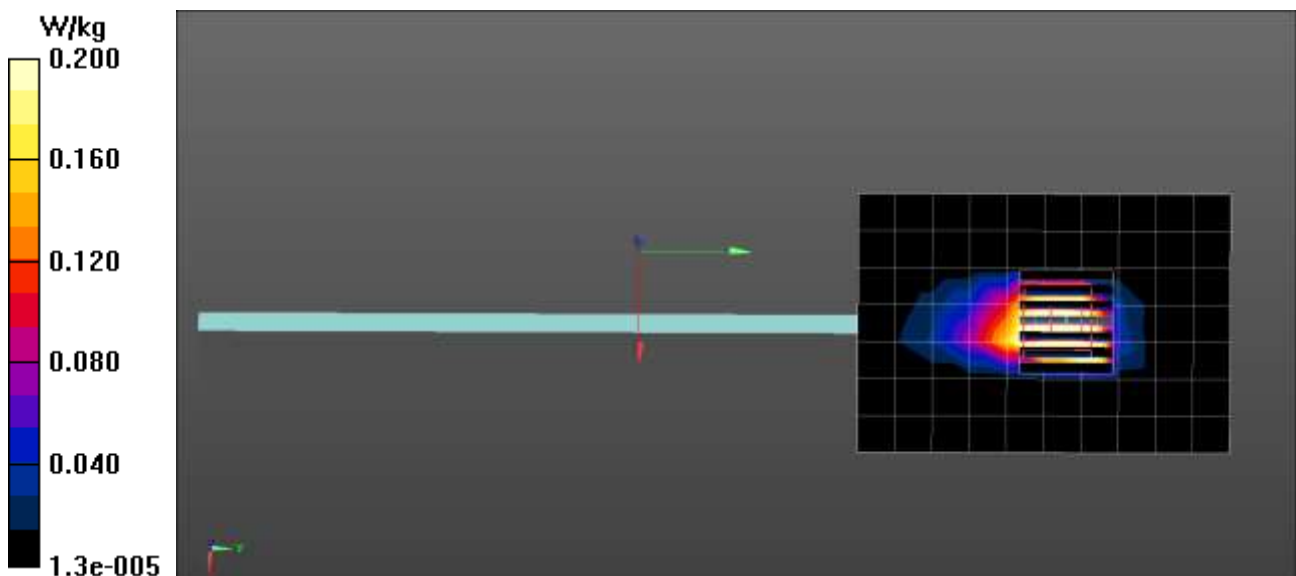
NR Band n77 Body Left CW QPSK 100MHz 1RB 1offset 662000ch/Zoom Scan (7x7x8)/Cube 0: Measurement grid:
dx=5mm, dy=5mm, dz=4mm

Reference Value = 16.89 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 1.60 W/kg

SAR(1 g) = 0.372 W/kg; SAR(10 g) = 0.105 W/kg

Maximum value of SAR (measured) = 0.996 W/kg



EUT Type: Tablet
 Liquid Temperature: 18.5 °C
 Ambient Temperature: 18.6 °C
 Test Date: 04/05/2023
 Plot No.: 50

Communication System: UID 0, NR Band 77 (0); Frequency: 3500.01 MHz;Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 3500.01$ MHz; $\sigma = 2.926$ S/m; $\epsilon_r = 37.934$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(6.78, 6.78, 6.78) @ 3500.01 MHz; Calibrated: 2022-08-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2022-11-16
- 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 n77 DoD Body Left DFT-s QPSK 100MHz 135RB 69offset 633334ch/Area Scan (8x11x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.813 W/kg

NR Band n77 DoD Body Left DFT-s QPSK 100MHz 135RB 69offset 633334ch/Zoom Scan (7x7x8)/Cube

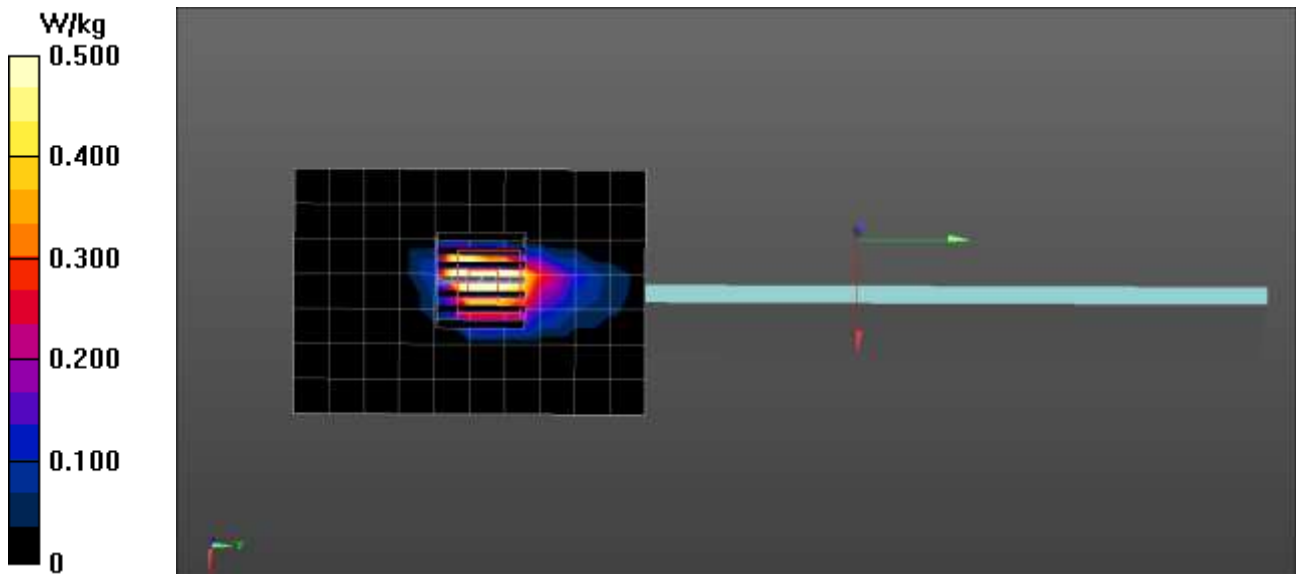
0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 6.395 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 2.72 W/kg

SAR(1 g) = 0.676 W/kg; SAR(10 g) = 0.195 W/kg

Maximum value of SAR (measured) = 1.70 W/kg



EUT Type: Tablet
 Liquid Temperature: 18.5 °C
 Ambient Temperature: 18.6 °C
 Test Date: 04/05/2023
 Plot No.: 51

Communication System: UID 0, NR Band 77 (0); Frequency: 3500.01 MHz;Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 3500.01$ MHz; $\sigma = 2.926$ S/m; $\epsilon_r = 37.934$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(6.78, 6.78, 6.78) @ 3500.01 MHz; Calibrated: 2022-08-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2022-11-16
- 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 n77 Body Rear CW QPSK 100MHz 1RB 1offset 633334ch/Area Scan (17x8x1): Measurement grid:

$dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.682 W/kg

NR Band n77 Body Rear CW QPSK 100MHz 1RB 1offset 633334ch/Zoom Scan (7x7x8)/Cube 0: Measurement grid:

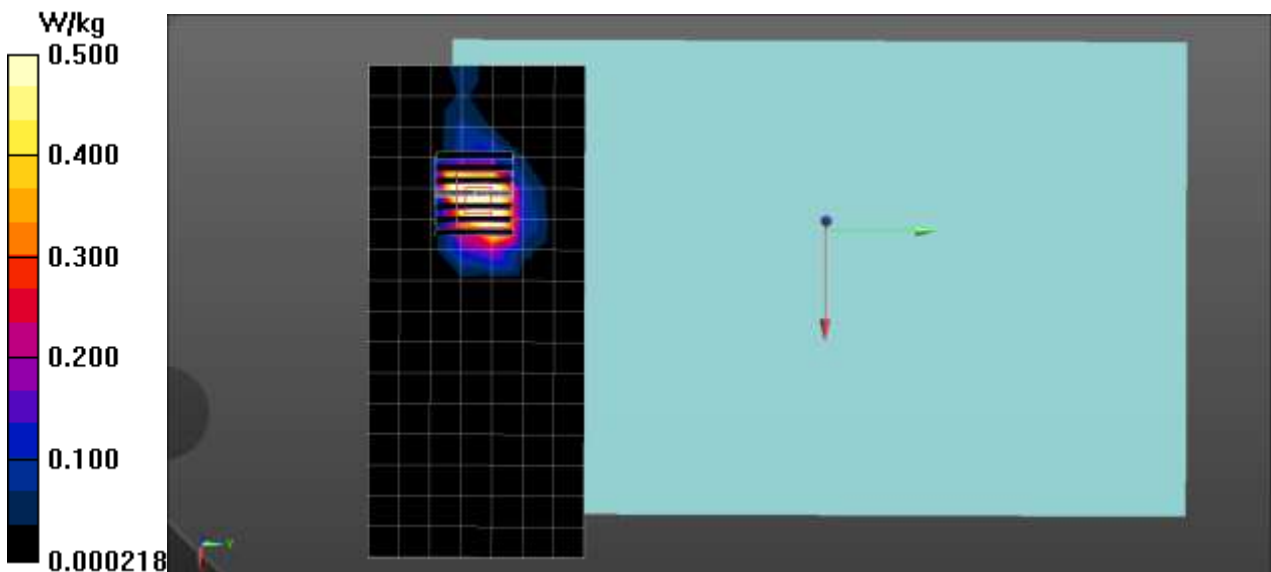
$dx=5$ mm, $dy=5$ mm, $dz=4$ mm

Reference Value = 2.670 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 2.34 W/kg

SAR(1 g) = 0.608 W/kg; SAR(10 g) = 0.194 W/kg

Maximum value of SAR (measured) = 1.47 W/kg



EUT Type: Tablet
Liquid Temperature: 18.5 °C
Ambient Temperature: 18.6 °C
Test Date: 04/05/2023
Plot No.: 52

Communication System: UID 0, NR Band 77 (0); Frequency: 3500.01 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 3500.01$ MHz; $\sigma = 2.926$ S/m; $\epsilon_r = 37.934$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(6.78, 6.78, 6.78) @ 3500.01 MHz; Calibrated: 2022-08-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2022-11-16
- 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 n77 Body Rear CW QPSK 100MHz 1RB 1offset 633334ch/Area Scan (13x8x1): Measurement grid:

$dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.830 W/kg

NR Band n77 Body Rear CW QPSK 100MHz 1RB 1offset 633334ch/Zoom Scan (7x7x8)/Cube 0: Measurement grid:

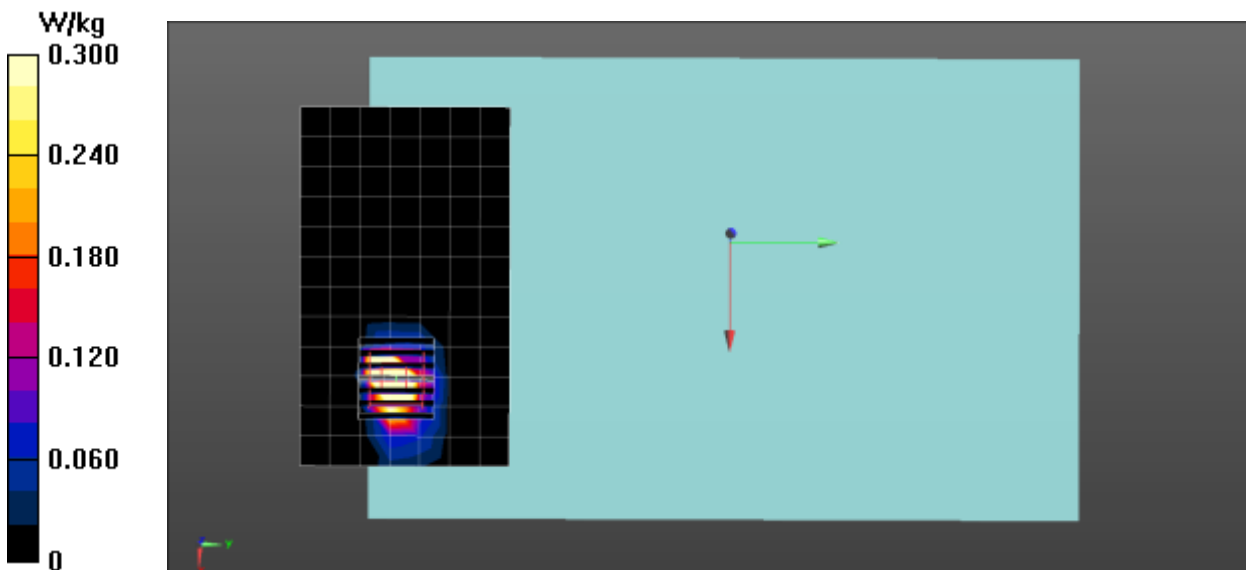
$dx=5$ mm, $dy=5$ mm, $dz=4$ mm

Reference Value = 1.212 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.321 W/kg; SAR(10 g) = 0.095 W/kg

Maximum value of SAR (measured) = 0.795 W/kg



EUT Type: Tablet
Liquid Temperature: 18.5 °C
Ambient Temperature: 18.6 °C
Test Date: 04/05/2023
Plot No.: 53

Communication System: UID 0, NR Band 77 (0); Frequency: 3500.01 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 3500.01$ MHz; $\sigma = 2.926$ S/m; $\epsilon_r = 37.934$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(6.78, 6.78, 6.78) @ 3500.01 MHz; Calibrated: 2022-08-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2022-11-16
- 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 n77 Body Left CW QPSK 100MHz 1RB 1offset 633334ch/Area Scan (8x11x1): Measurement grid:

$dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.646 W/kg

NR Band n77 Body Left CW QPSK 100MHz 1RB 1offset 633334ch/Zoom Scan (7x7x8)/Cube 0: Measurement grid:

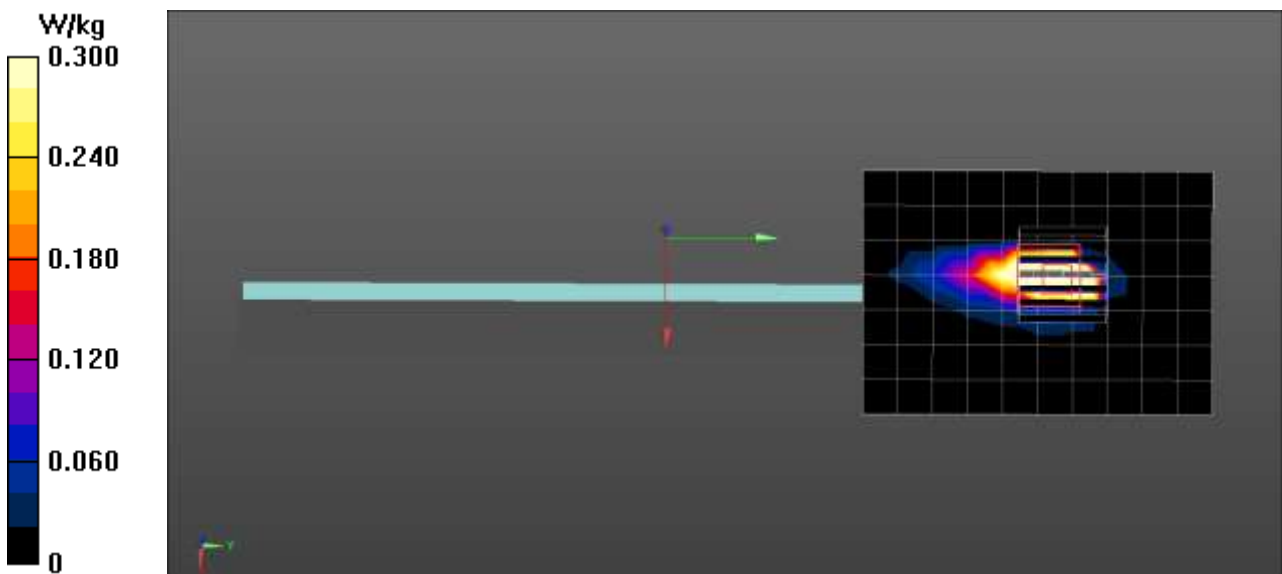
$dx=5$ mm, $dy=5$ mm, $dz=4$ mm

Reference Value = 11.73 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.322 W/kg; SAR(10 g) = 0.098 W/kg

Maximum value of SAR (measured) = 0.844 W/kg



Test Laboratory: HCT CO., LTD
EUT Type: Tablet
Liquid Temperature: 19.1 °C
Ambient Temperature: 19.2 °C
Test Date: 03/21/2023
Plot No.: 54

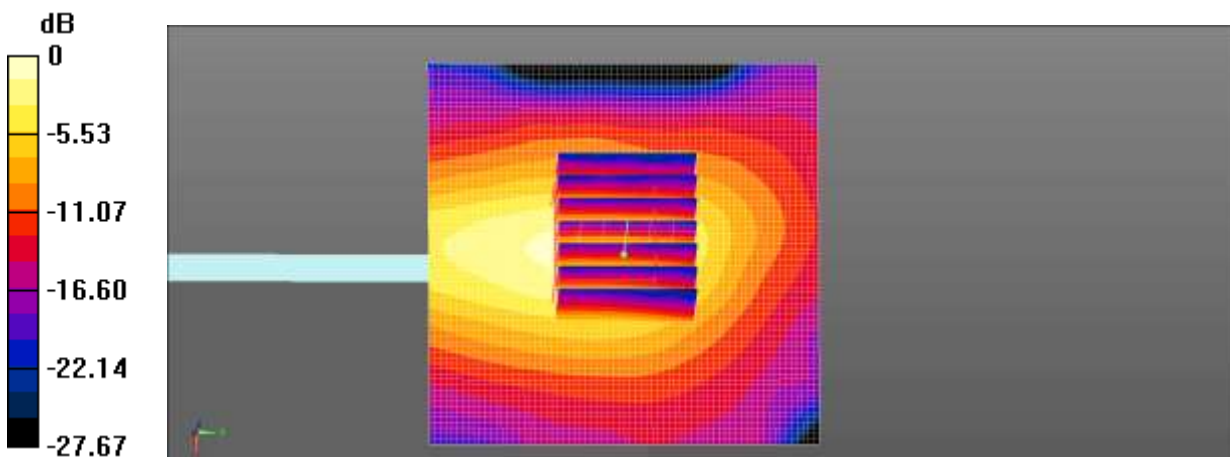
Communication System: UID 0, 2450MHz FCC (0); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 1.816$ S/m; $\epsilon_r = 39.15$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7680; ConvF(7.92, 7.92, 7.92) @ 2462 MHz; Calibrated: 2022-09-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2022-10-10
- Phantom: ELI v5.0_2014_03_05; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

802.11b Body Left 1Mbps 11ch/Area Scan (71x71x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.229 W/kg

802.11b Body Left 1Mbps 11ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.4060 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.341 W/kg
SAR(1 g) = 0.149 W/kg; SAR(10 g) = 0.069 W/kg
Maximum value of SAR (measured) = 0.265 W/kg



Test Laboratory: HCT CO., LTD
EUT Type: Tablet
Liquid Temperature: 19.1 °C
Ambient Temperature: 19.2 °C
Test Date: 03/21/2023
Plot No.: 55

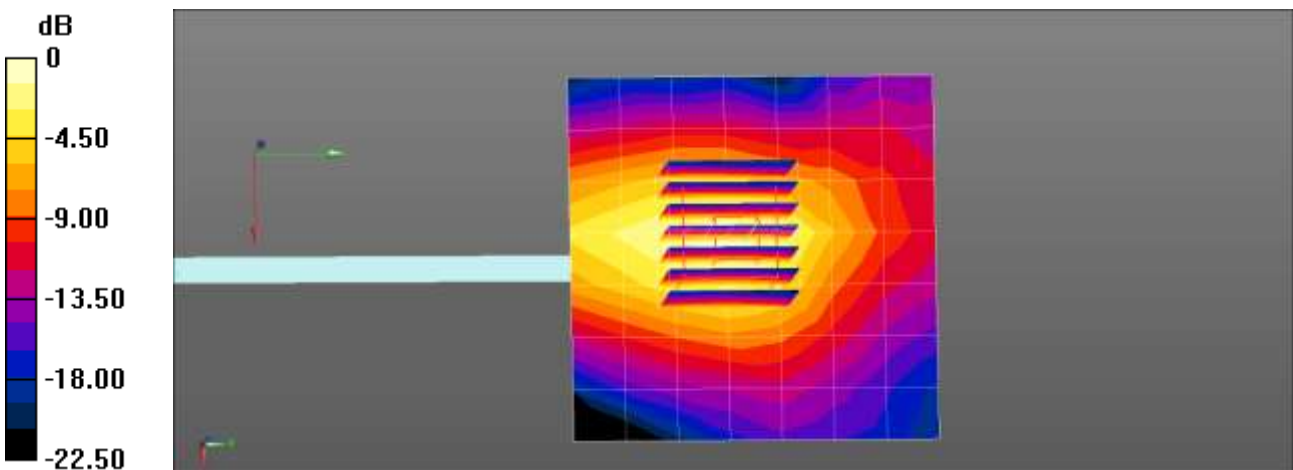
Communication System: UID 0, 2450MHz FCC (0); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 1.816$ S/m; $\epsilon_r = 39.15$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7680; ConvF(7.92, 7.92, 7.92) @ 2462 MHz; Calibrated: 2022-09-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2022-10-10
- Phantom: ELI v5.0_2014_03_05; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

802.11b Body Left 1Mbps 11ch/Area Scan (8x8x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.207 W/kg

802.11b Body Left 1Mbps 11ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.283 W/kg
SAR(1 g) = 0.135 W/kg; SAR(10 g) = 0.065 W/kg
Maximum value of SAR (measured) = 0.226 W/kg



0 dB = 0.226 W/kg = -6.46 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Tablet
Liquid Temperature: 19.1 °C
Ambient Temperature: 19.2 °C
Test Date: 03/21/2023
Plot No.: 56

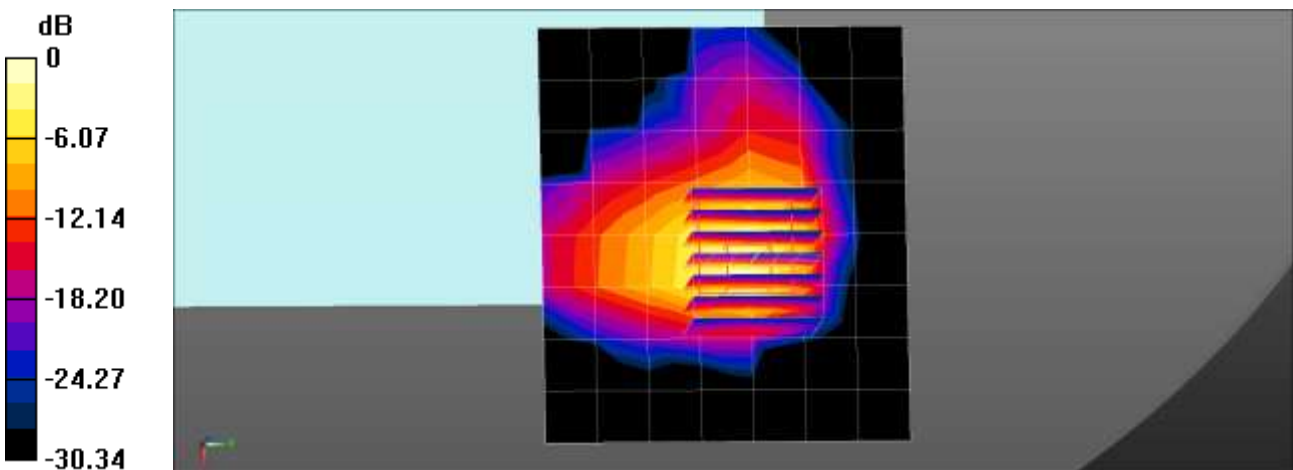
Communication System: UID 0, 2450MHz FCC (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.787$ S/m; $\epsilon_r = 39.248$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7680; ConvF(7.92, 7.92, 7.92) @ 2437 MHz; Calibrated: 2022-09-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2022-10-10
- Phantom: ELI v5.0_2014_03_05; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

802.11b Body Rear 1Mbps 6ch/Area Scan (9x8x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.959 W/kg

802.11b Body Rear 1Mbps 6ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 21.63 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.63 W/kg
SAR(1 g) = 0.509 W/kg; SAR(10 g) = 0.196 W/kg
Maximum value of SAR (measured) = 1.05 W/kg



0 dB = 1.05 W/kg = 0.21 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Tablet
 Liquid Temperature: 19.2 °C
 Ambient Temperature: 19.3 °C
 Test Date: 03/22/2023
 Plot No.: 57

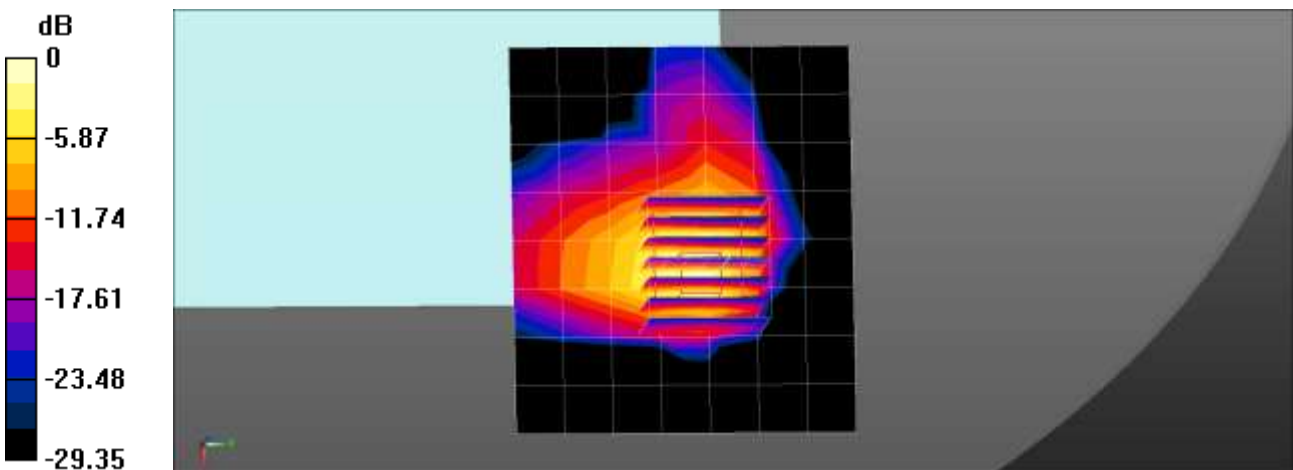
Communication System: UID 0, 2450MHz FCC (0); Frequency: 2437 MHz;Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.81$ S/m; $\epsilon_r = 38.749$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7680; ConvF(7.92, 7.92, 7.92) @ 2437 MHz; Calibrated: 2022-09-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2022-10-10
- Phantom: ELI v5.0_2014_03_05; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

802.11b Body Rear 1Mbps 6ch/Area Scan (9x8x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.859 W/kg

802.11b Body Rear 1Mbps 6ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 19.09 V/m; Power Drift = 0.04 dB
 Peak SAR (extrapolated) = 1.36 W/kg
SAR(1 g) = 0.437 W/kg; SAR(10 g) = 0.173 W/kg
 Maximum value of SAR (measured) = 0.909 W/kg



0 dB = 0.909 W/kg = -0.41 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Tablet
Liquid Temperature: 21.4 °C
Ambient Temperature: 21.5 °C
Test Date: 03/15/2023
Plot No.: 58

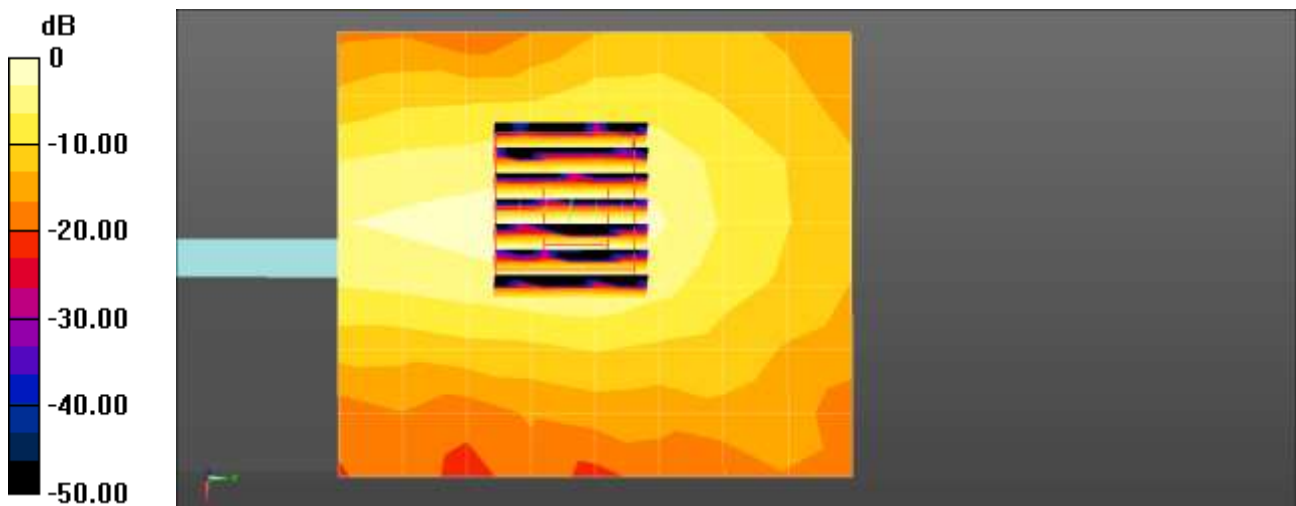
Communication System: UID 0, WIFI 5GHz (0); Frequency: 5270 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5270 \text{ MHz}$; $\sigma = 4.72 \text{ S/m}$; $\epsilon_r = 35.41$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(6.18, 6.18, 6.18) @ 5270 MHz; Calibrated: 2022-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1254; Calibrated: 2022-06-15
- Phantom: ELI V4.0 Left-Left(20deg probe tilt); Type: QD OVA 001 Bx; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

802.11n40 Body Left MCS8 54ch/Area Scan (8x9x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
Maximum value of SAR (measured) = 0.685 W/kg

802.11n40 Body Left MCS8 54ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$
Reference Value = 8.281 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.307 W/kg; SAR(10 g) = 0.111 W/kg
Maximum value of SAR (measured) = 0.717 W/kg



0 dB = 0.717 W/kg = -1.44 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Tablet
 Liquid Temperature: 20.4 °C
 Ambient Temperature: 20.5 °C
 Test Date: 03/20/2023
 Plot No.: 59

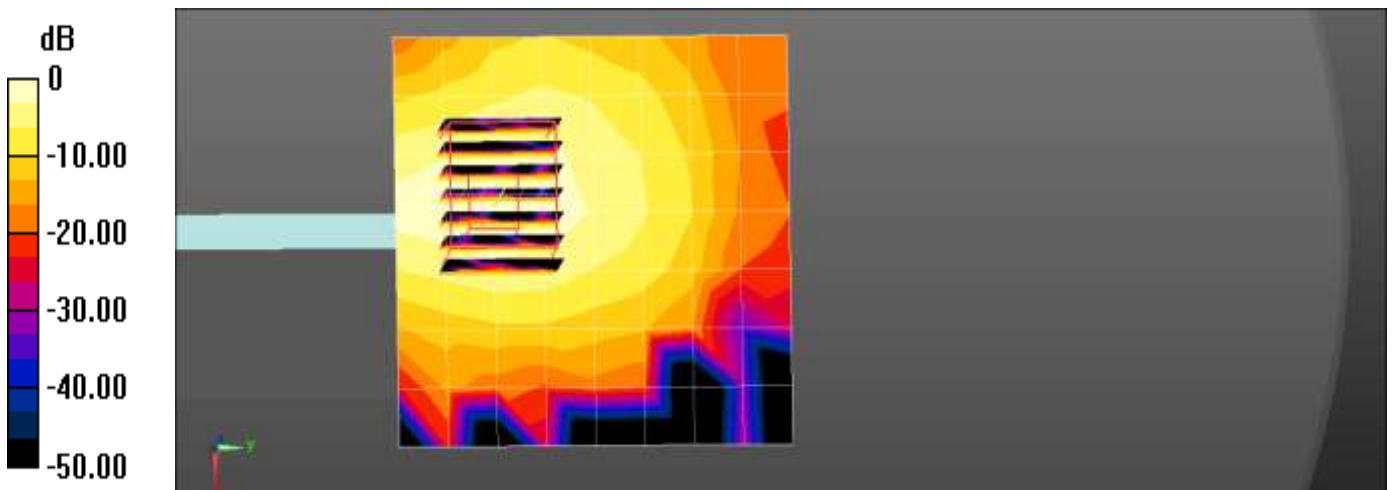
Communication System: UID 0, WIFI 5GHz (0); Frequency: 5835 MHz;Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 5835 \text{ MHz}$; $\sigma = 5.214 \text{ S/m}$; $\epsilon_r = 34.703$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(5.35, 5.35, 5.35) @ 5835 MHz; Calibrated: 2022-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1254; Calibrated: 2022-06-15
- Phantom: ELI V4.0 Left-Left(20deg probe tilt); Type: QD OVA 001 Bx; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

802.11n40 Body Left MCS8 167ch/Area Scan (8x9x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 0.665 W/kg

802.11n40 Body Left MCS8 167ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
 Reference Value = 7.053 V/m; Power Drift = -0.16 dB
 Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.283 W/kg; SAR(10 g) = 0.101 W/kg
 Maximum value of SAR (measured) = 0.659 W/kg



0 dB = 0.659 W/kg = -1.81 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Tablet
 Liquid Temperature: 21.4 °C
 Ambient Temperature: 21.5 °C
 Test Date: 03/15/2023
 Plot No.: 60

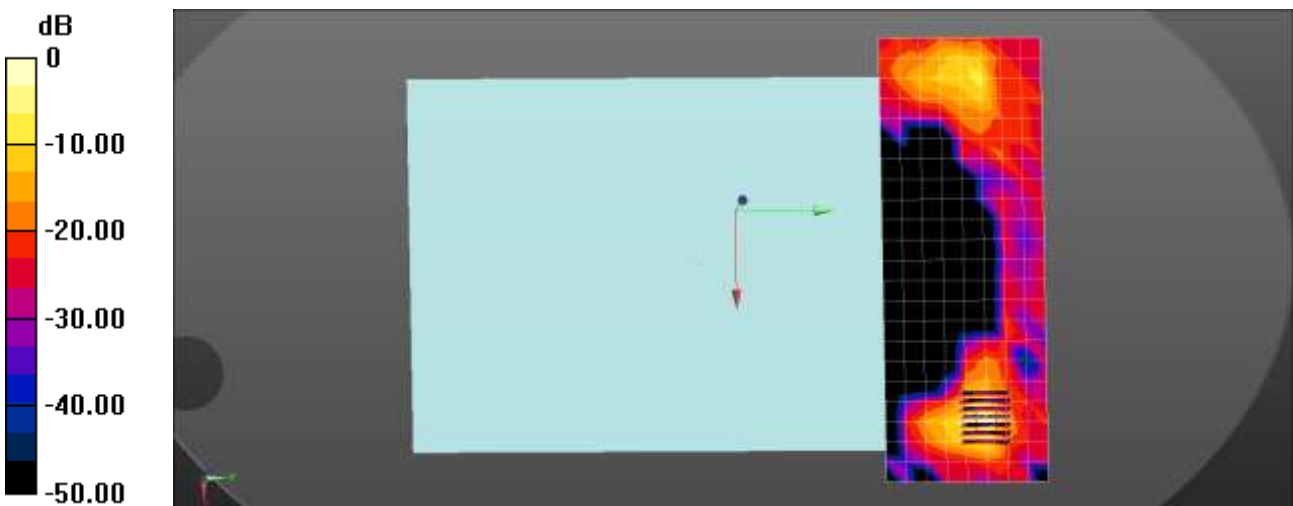
Communication System: UID 0, WIFI 5GHz (0); Frequency: 5290 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5290 \text{ MHz}$; $\sigma = 4.762 \text{ S/m}$; $\epsilon_r = 35.401$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(6.18, 6.18, 6.18) @ 5290 MHz; Calibrated: 2022-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1254; Calibrated: 2022-06-15
- Phantom: ELI V4.0 Left-Left(20deg probe tilt); Type: QD OVA 001 Bx; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

802.11ac80 Body Rear MCS0 58ch/Area Scan (23x9x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 2.37 W/kg

802.11ac80 Body Rear MCS0 58ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
 Reference Value = 0 V/m; Power Drift = 0.00 dB
 Peak SAR (extrapolated) = 4.82 W/kg
SAR(1 g) = 0.623 W/kg; SAR(10 g) = 0.137 W/kg
 Maximum value of SAR (measured) = 2.23 W/kg



0 dB = 2.23 W/kg = 3.48 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Tablet
Liquid Temperature: 21.4 °C
Ambient Temperature: 21.5 °C
Test Date: 03/15/2023
Plot No.: 61

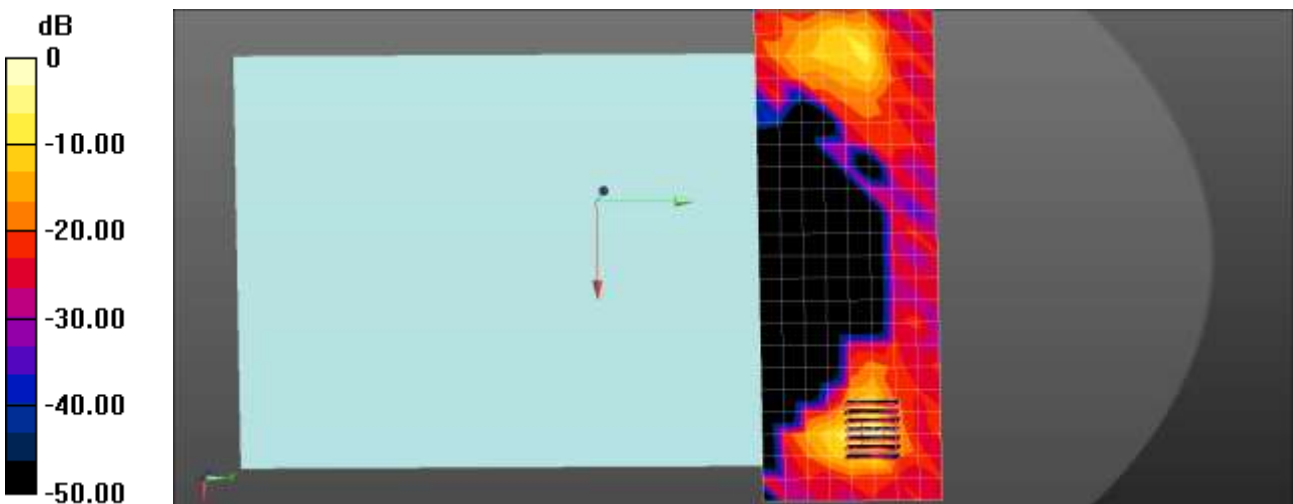
Communication System: UID 0, WIFI 5GHz (0); Frequency: 5290 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 5290 \text{ MHz}$; $\sigma = 4.762 \text{ S/m}$; $\epsilon_r = 35.401$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(6.18, 6.18, 6.18) @ 5290 MHz; Calibrated: 2022-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1254; Calibrated: 2022-06-15
- Phantom: ELI V4.0 Left-Left(20deg probe tilt); Type: QD OVA 001 Bx; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

802.11ac80 Body Rear MCS0 58ch/Area Scan (23x9x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 2.47 W/kg

802.11ac80 Body Rear MCS0 58ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 4.83 W/kg
SAR(1 g) = 0.616 W/kg; SAR(10 g) = 0.135 W/kg
Maximum value of SAR (measured) = 2.22 W/kg



0 dB = 2.22 W/kg = 3.46 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Tablet
Liquid Temperature: 20.1 °C
Ambient Temperature: 20.2 °C
Test Date: 03/23/2023
Plot No.: 62

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.856$ S/m; $\epsilon_r = 39.003$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7680; ConvF(7.92, 7.92, 7.92) @ 2441 MHz; Calibrated: 2022-09-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2022-10-10
- Phantom: ELI v5.0_2014_03_05; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Bluetooth Body Right DH5 39ch Max 9mm/Area Scan (9x9x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.114 W/kg

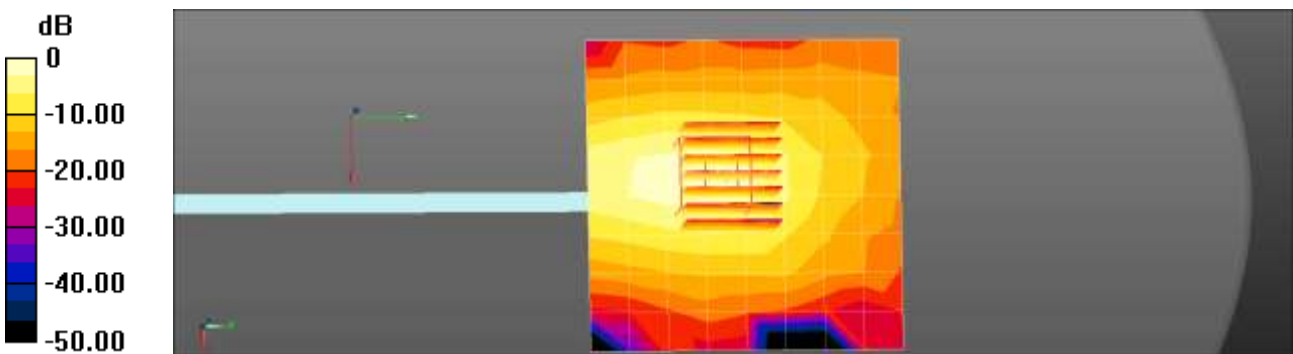
Bluetooth Body Right DH5 39ch Max 9mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.190 W/kg

SAR(1 g) = 0.083 W/kg; SAR(10 g) = 0.038 W/kg

Maximum value of SAR (measured) = 0.147 W/kg



0 dB = 0.147 W/kg = -8.33 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Tablet
Liquid Temperature: 20.4 °C
Ambient Temperature: 20.5 °C
Test Date: 03/24/2023
Plot No.: 63

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.851$ S/m; $\epsilon_r = 38.939$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7680; ConvF(7.92, 7.92, 7.92) @ 2441 MHz; Calibrated: 2022-09-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2022-10-10
- Phantom: ELI v5.0_2014_03_05; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Bluetooth Body Rear DH5 39ch Grip 0mm/Area Scan (9x8x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.404 W/kg

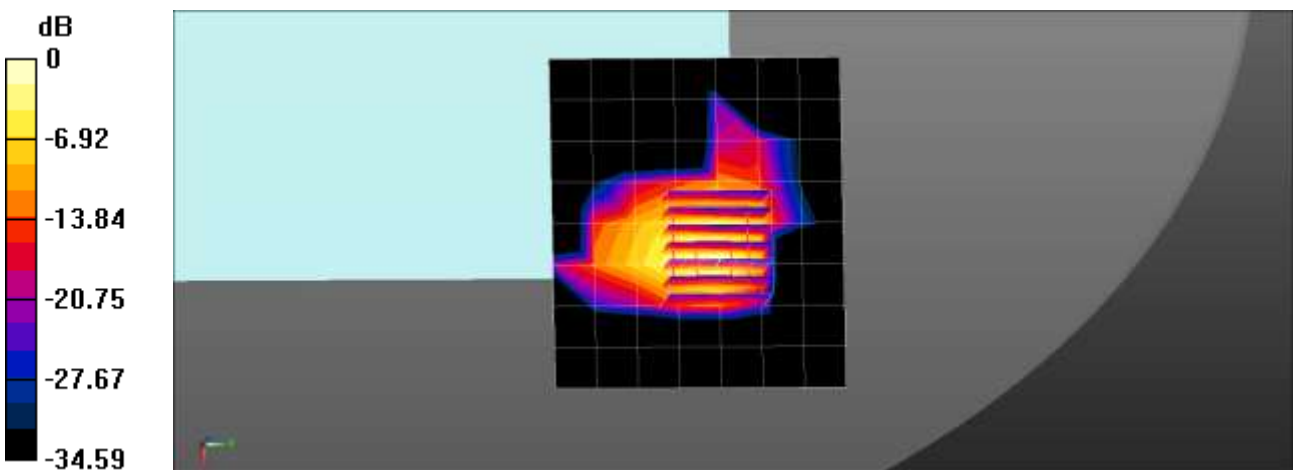
Bluetooth Body Rear DH5 39ch Grip 0mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.69 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.585 W/kg

SAR(1 g) = 0.177 W/kg; SAR(10 g) = 0.063 W/kg

Maximum value of SAR (measured) = 0.353 W/kg



0 dB = 0.353 W/kg = -4.52 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Tablet
Liquid Temperature: 21.0 °C
Ambient Temperature: 21.1 °C
Test Date: 05/02/2023
Plot No.: 64

Communication System: UID 0, Bluetooth (0); Frequency: 2440 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2440$ MHz; $\sigma = 1.791$ S/m; $\epsilon_r = 37.8$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(7.73, 7.73, 7.73) @ 2440 MHz; Calibrated: 2022-06-30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1629; Calibrated: 2022-08-17
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Bluetooth Body Right 125K 19ch/Area Scan (8x8x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0497 W/kg

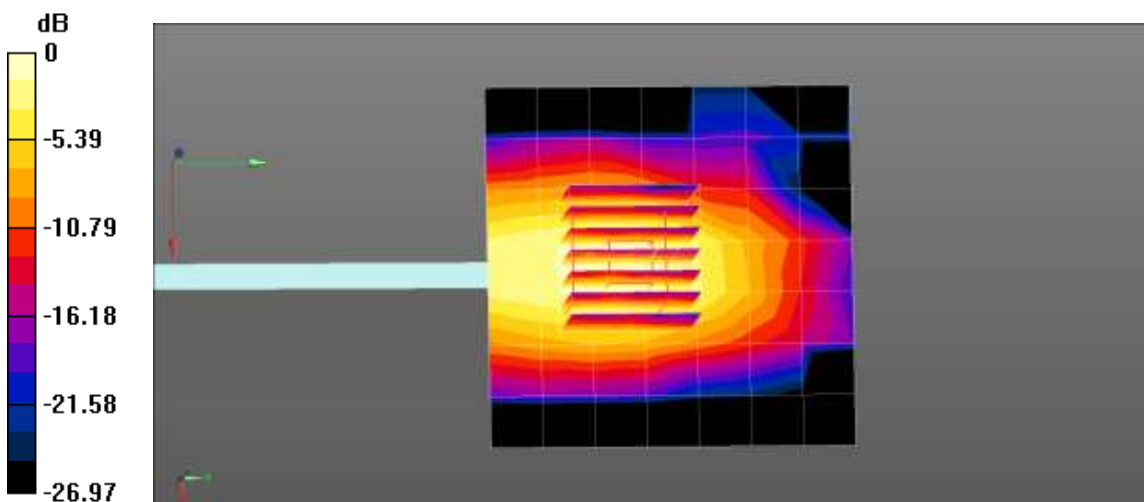
Bluetooth Body Right 125K 19ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.117 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.0830 W/kg

SAR(1 g) = 0.040 W/kg; SAR(10 g) = 0.020 W/kg

Maximum value of SAR (measured) = 0.0650 W/kg



0 dB = 0.0650 W/kg = -11.87 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Tablet
 Liquid Temperature: 21.0 °C
 Ambient Temperature: 21.1 °C
 Test Date: 05/02/2023
 Plot No.: 65

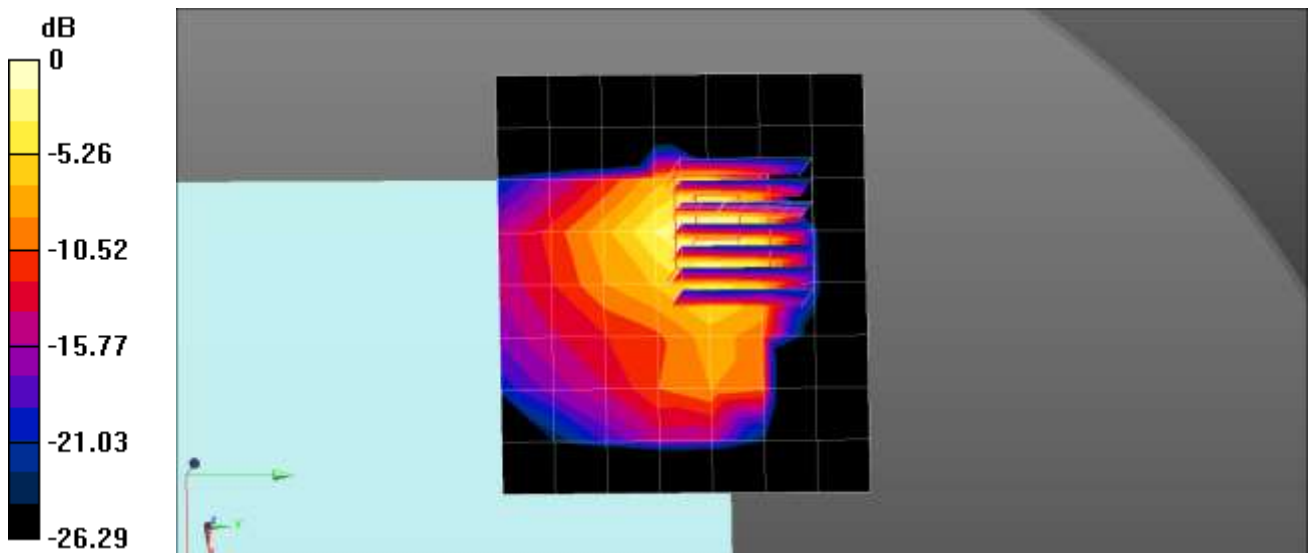
Communication System: UID 0, Bluetooth (0); Frequency: 2440 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2440 \text{ MHz}$; $\sigma = 1.791 \text{ S/m}$; $\epsilon_r = 37.8$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(7.73, 7.73, 7.73) @ 2440 MHz; Calibrated: 2022-06-30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1629; Calibrated: 2022-08-17
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Bluetooth Body Rear 125K 19ch/Area Scan (9x8x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
 Maximum value of SAR (measured) = 0.280 W/kg

Bluetooth Body Rear 125K 19ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
 Reference Value = 13.59 V/m; Power Drift = -0.04 dB
 Peak SAR (extrapolated) = 0.471 W/kg
SAR(1 g) = 0.171 W/kg; SAR(10 g) = 0.073 W/kg
 Maximum value of SAR (measured) = 0.347 W/kg



0 dB = 0.347 W/kg = -4.60 dBW/kg

Appendix C. – Dipole Verification Plots

■ **Verification Data (750 MHz Head)**

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 20.4 °C
Test Date: 03/17/2023

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 750$ MHz; $\sigma = 0.895$ S/m; $\epsilon_r = 42.821$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7681; ConvF(10.81, 10.81, 10.81) @ 750 MHz; Calibrated: 2022-11-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1687; Calibrated: 2022-07-18
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

750MHz Head Verification/Area Scan (6x15x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.482 W/kg

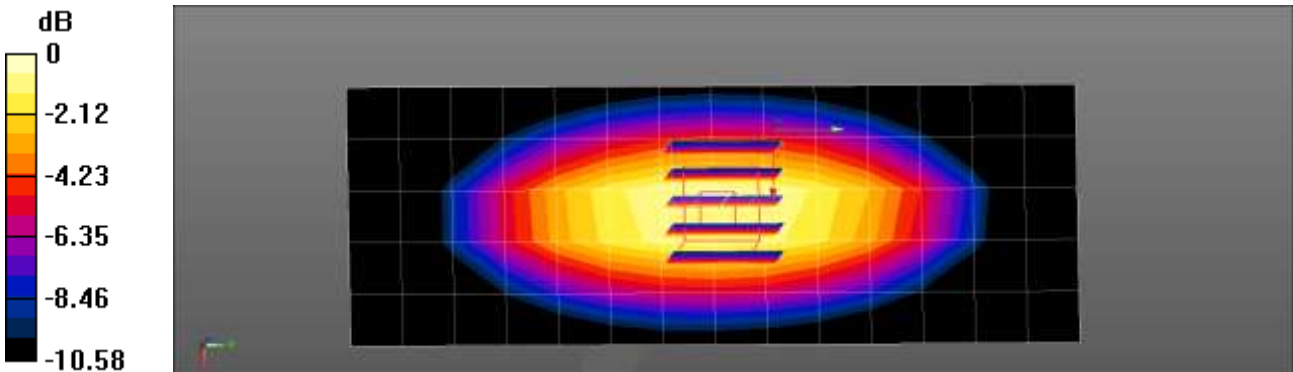
750MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.88 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.608 W/kg

SAR(1 g) = 0.411 W/kg; SAR(10 g) = 0.267 W/kg

Maximum value of SAR (measured) = 0.548 W/kg



■ **Verification Data (750 MHz Head)**

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 20.0 °C
Test Date: 03/20/2023

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 750$ MHz; $\sigma = 0.895$ S/m; $\epsilon_r = 42.82$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7681; ConvF(10.81, 10.81, 10.81) @ 750 MHz; Calibrated: 2022-11-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1687; Calibrated: 2022-07-18
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

750MHz Head Verification/Area Scan (6x15x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.480 W/kg

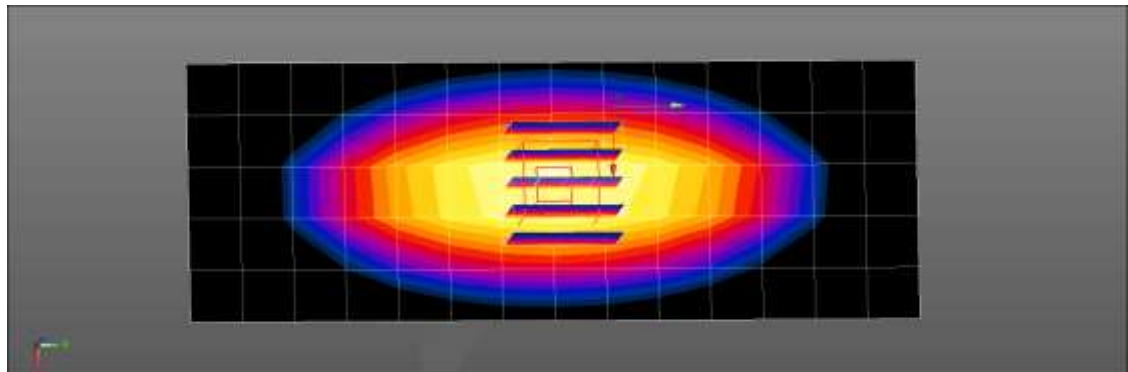
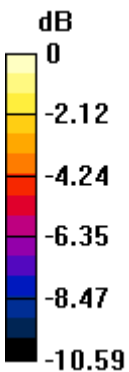
750MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.04 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.611 W/kg

SAR(1 g) = 0.412 W/kg; SAR(10 g) = 0.268 W/kg

Maximum value of SAR (measured) = 0.548 W/kg



■ **Verification Data (750 MHz Head)**

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 20.5 °C
Test Date: 03/21/2023

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 750$ MHz; $\sigma = 0.853$ S/m; $\epsilon_r = 43.793$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7681; ConvF(10.81, 10.81, 10.81) @ 750 MHz; Calibrated: 2022-11-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1687; Calibrated: 2022-07-18
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

750MHz Head Verification/Area Scan (6x15x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.493 W/kg

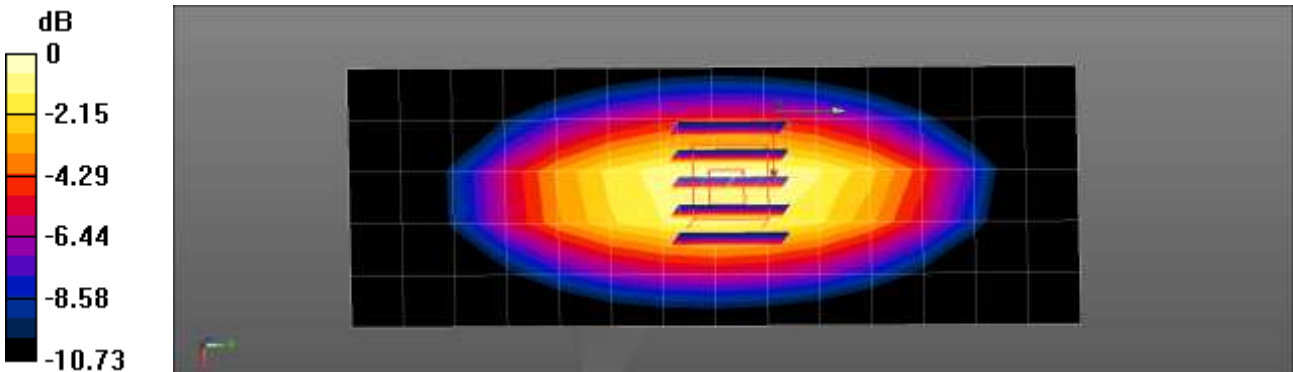
750MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.69 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.624 W/kg

SAR(1 g) = 0.412 W/kg; SAR(10 g) = 0.265 W/kg

Maximum value of SAR (measured) = 0.557 W/kg



■ **Verification Data (750 MHz Head)**

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 20.8 °C
Test Date: 03/30/2023

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.891 \text{ S/m}$; $\epsilon_r = 43.325$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7681; ConvF(10.81, 10.81, 10.81) @ 750 MHz; Calibrated: 2022-11-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1687; Calibrated: 2022-07-18
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

750MHz Head Verification/Area Scan (6x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.478 W/kg

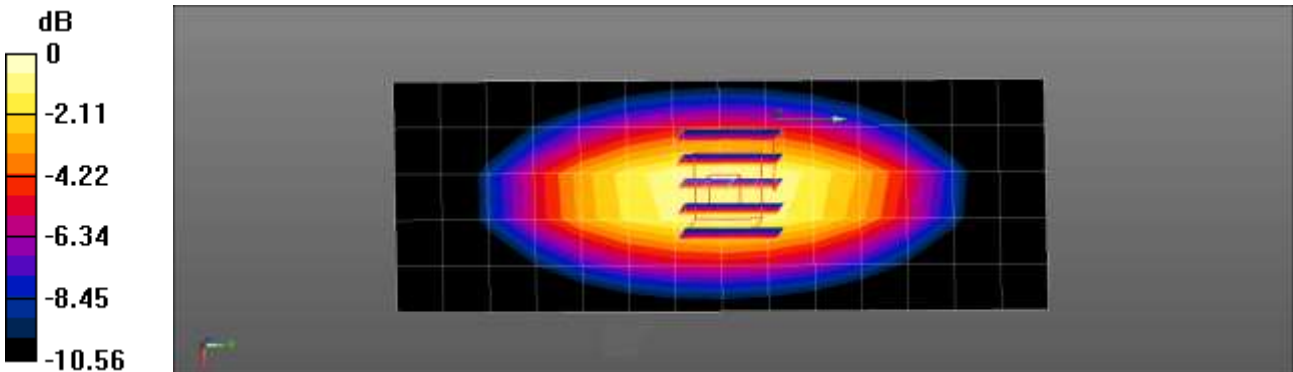
750MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 26.04 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.608 W/kg

SAR(1 g) = 0.411 W/kg; SAR(10 g) = 0.267 W/kg

Maximum value of SAR (measured) = 0.547 W/kg



■ **Verification Data (750 MHz Head)**

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 22.4 °C
 Test Date: 03/27/2023

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.903 \text{ S/m}$; $\epsilon_r = 42.796$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(10.04, 10.04, 10.04) @ 750 MHz; Calibrated: 2022-08-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2022-11-16
- 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 (5x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.535 W/kg

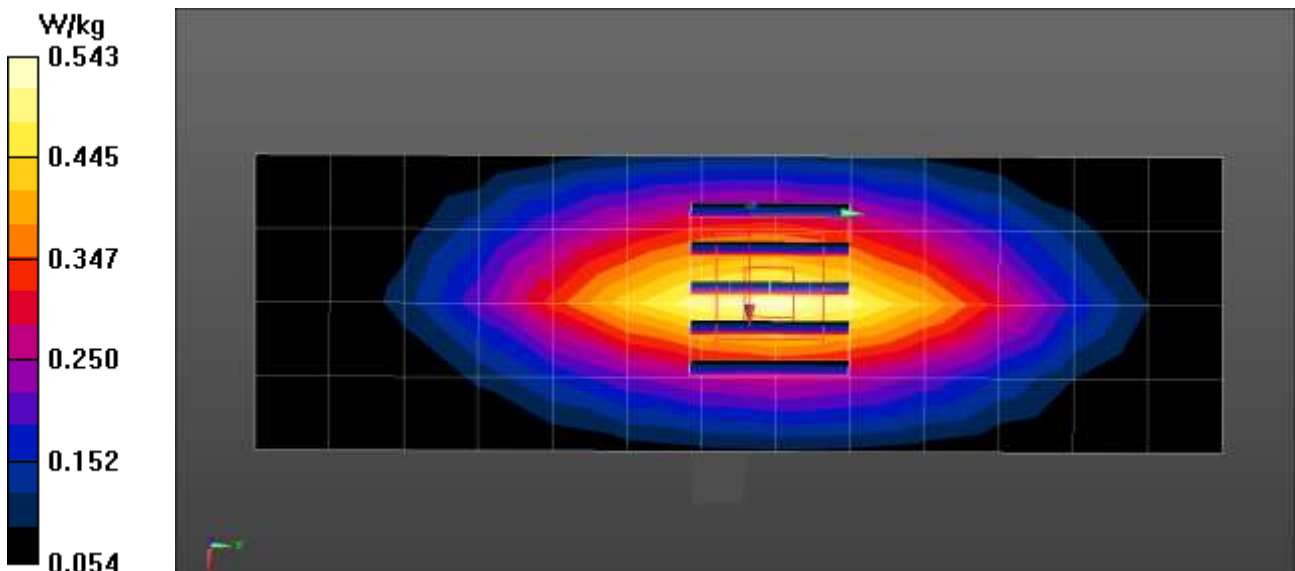
750MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.76 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.603 W/kg

SAR(1 g) = 0.413 W/kg; SAR(10 g) = 0.276 W/kg

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



■ **Verification Data (750 MHz Head)**

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 18.0 °C
 Test Date: 04/03/2023

**Measurement Report for Device, , , CW, Channel 0 (750.0 MHz)
 Exposure Conditions**

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	,		CW, 0--	750.0, 0	9.9	0.899	41.9

Hardware Setup

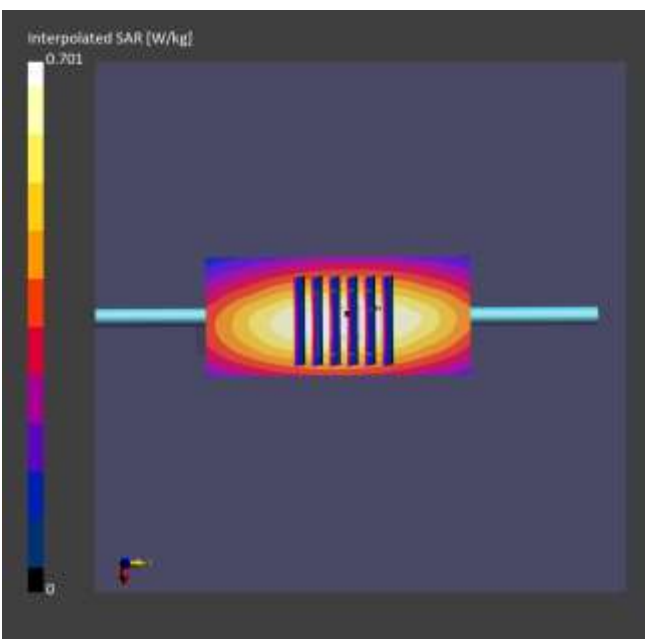
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - xxxx	EX3DV4 - SN7679, 2022-08-19	DAE4 Sn780, 2022-06-14

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 90.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 15.0	6.0 x 6.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2023-03-14, 16:09	2023-03-14, 16:15
psSAR1g [W/Kg]	0.443	0.439
psSAR10g [W/Kg]	0.296	0.281
Power Drift [dB]	-0.00	0.01



■ **Verification Data (835 MHz Head)**

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 21.8 °C
Test Date: 03/29/2023

Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 835$ MHz; $\sigma = 0.882$ S/m; $\epsilon_r = 41.764$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(9.78, 9.78, 9.78) @ 835 MHz; Calibrated: 2022-08-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2022-11-16
- 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 (5x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.597 W/kg

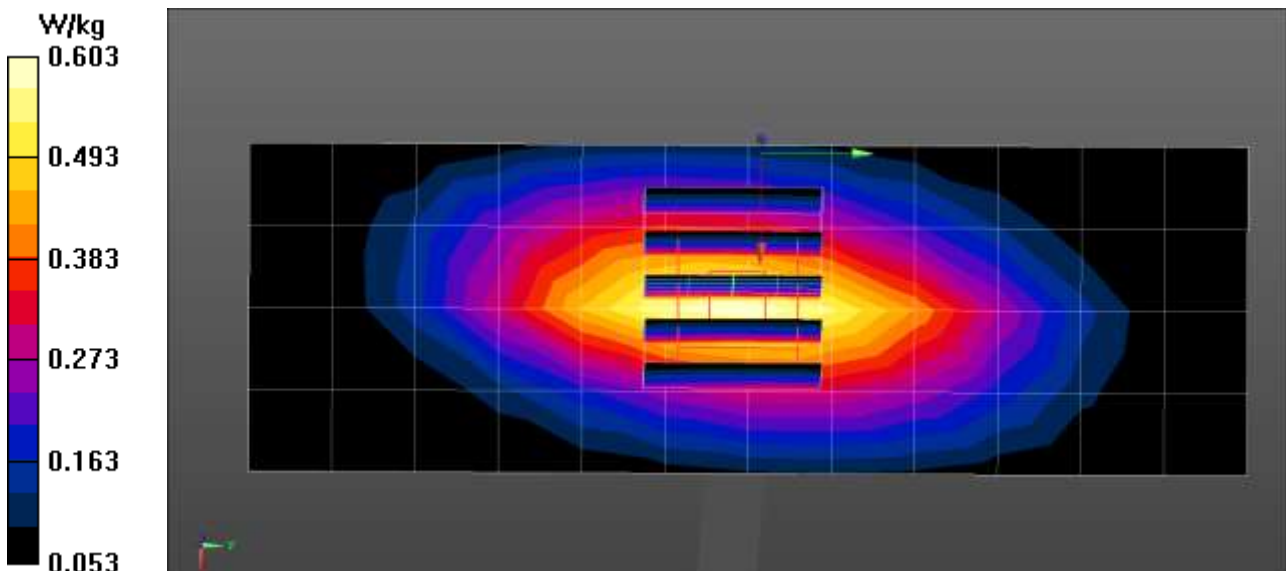
835MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.35 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.677 W/kg

SAR(1 g) = 0.454 W/kg; SAR(10 g) = 0.299 W/kg

Maximum value of SAR (measured) = 0.603 W/kg



■ **Verification Data (835 MHz Head)**

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 19.8 °C
Test Date: 04/07/2023

Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 835 \text{ MHz}$; $\sigma = 0.916 \text{ S/m}$; $\epsilon_r = 43.095$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(9.53, 9.53, 9.53) @ 835 MHz; Calibrated: 2022-06-30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1629; Calibrated: 2022-08-17
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

835MHz Head Verification/Area Scan (6x15x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.571 W/kg

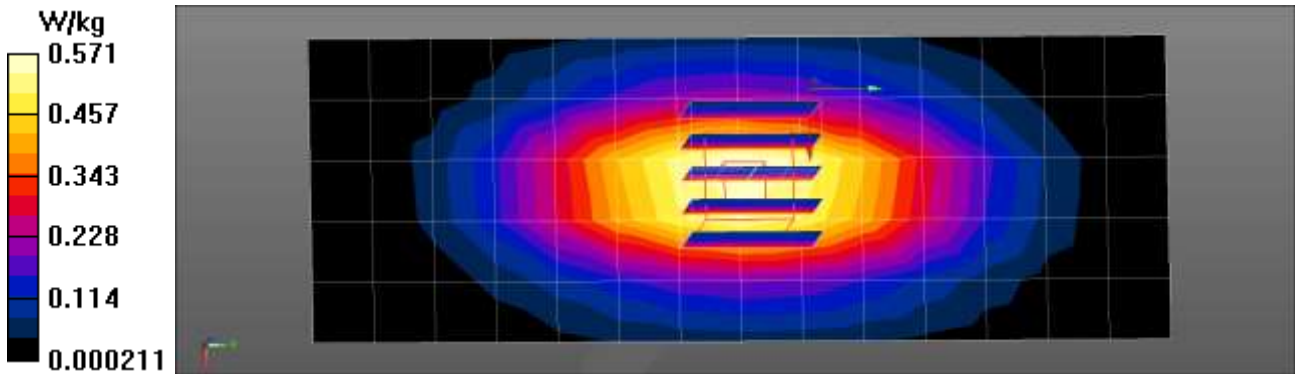
835MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.87 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.764 W/kg

SAR(1 g) = 0.475 W/kg; SAR(10 g) = 0.311 W/kg

Maximum value of SAR (measured) = 0.652 W/kg



■ **Verification Data (835 MHz Head)**

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 20.0 °C
Test Date: 03/23/2023

Communication System: UID 0, CW (0); Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 835 \text{ MHz}$; $\sigma = 0.916 \text{ S/m}$; $\epsilon_r = 42.624$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7681; ConvF(10.5, 10.5, 10.5) @ 835 MHz; Calibrated: 2022-11-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1687; Calibrated: 2022-07-18
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

835MHz Head Verification/Area Scan (6x15x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.613 W/kg

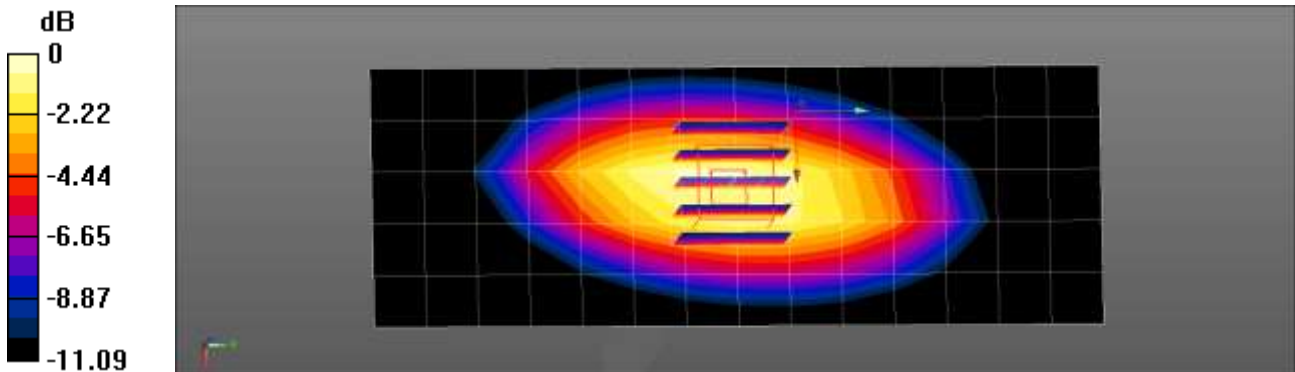
835MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.72 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.776 W/kg

SAR(1 g) = 0.511 W/kg; SAR(10 g) = 0.327 W/kg

Maximum value of SAR (measured) = 0.691 W/kg



■ **Verification Data (835 MHz Head)**

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 20.5 °C
Test Date: 03/23/2023

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; $\epsilon_r = 41.64$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(9.78, 9.78, 9.78) @ 835 MHz; Calibrated: 2022-08-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2022-11-16
- 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 (5x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.657 W/kg

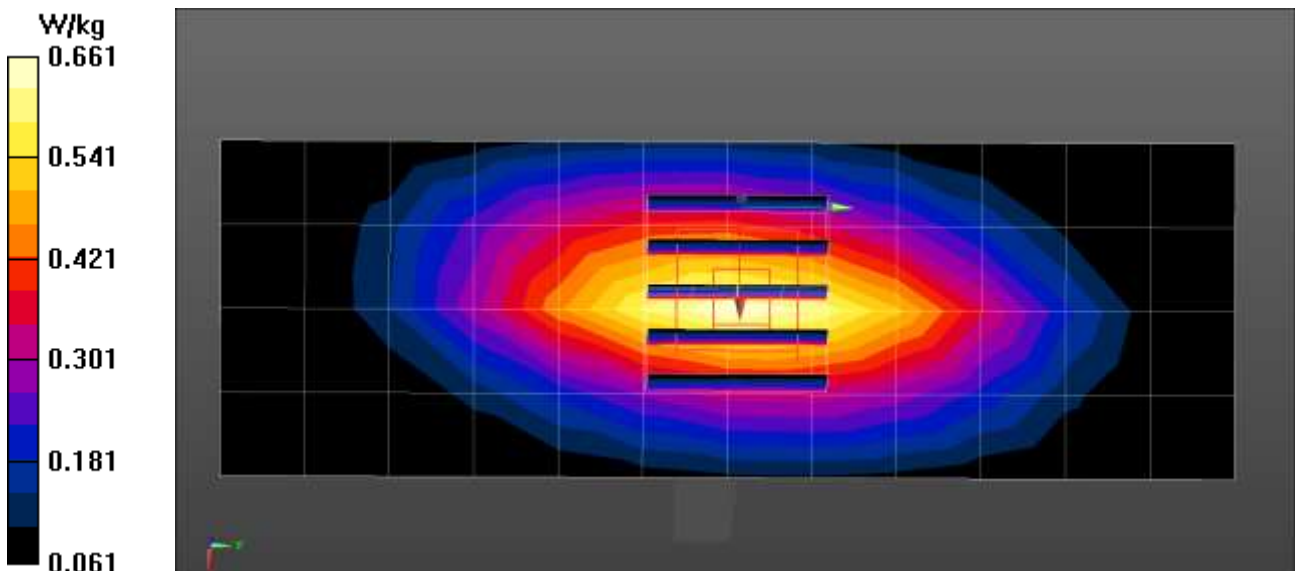
835MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.11 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.736 W/kg

SAR(1 g) = 0.499 W/kg; SAR(10 g) = 0.331 W/kg

Maximum value of SAR (measured) = 0.661 W/kg



■ **Verification Data (1 800 MHz Head)**

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 21.0 °C
Test Date: 03/28/2023

Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1800$ MHz; $\sigma = 1.4$ S/m; $\epsilon_r = 41.21$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(8.38, 8.38, 8.38) @ 1800 MHz; Calibrated: 2022-08-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2022-11-16
- 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 (5x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 2.92 W/kg

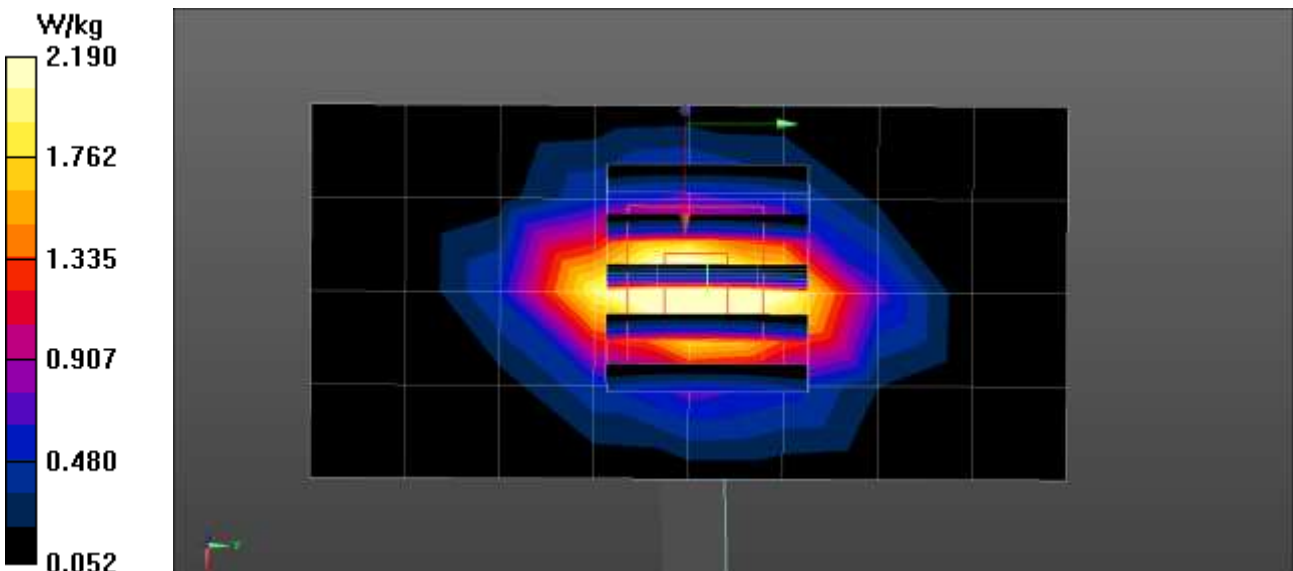
1800MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 47.84 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 3.44 W/kg

SAR(1 g) = 1.9 W/kg; SAR(10 g) = 1.01 W/kg

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



■ **Verification Data (1800 MHz Head)**

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 21.0 °C
Test Date: 03/29/2023

Communication System: UID 0, CW (0); Frequency: 1800 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 1800 \text{ MHz}$; $\sigma = 1.4 \text{ S/m}$; $\epsilon_r = 39.392$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7681; ConvF(9.29, 9.29, 9.29) @ 1800 MHz; Calibrated: 2022-11-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1687; Calibrated: 2022-07-18
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

1800MHz Head Verification/Area Scan (6x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 2.73 W/kg

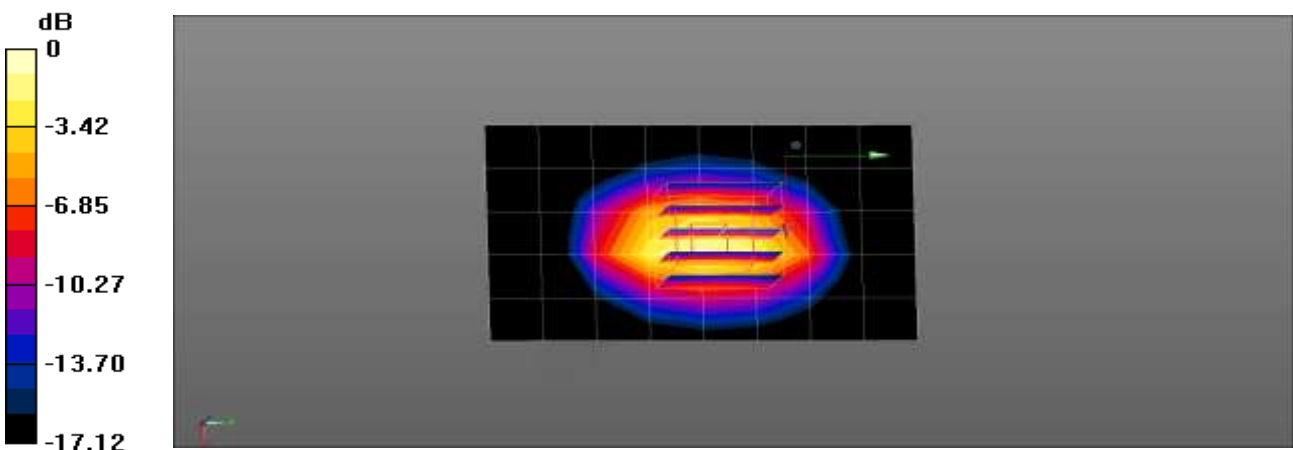
1800MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 47.10 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 3.82 W/kg

SAR(1 g) = 2.05 W/kg; SAR(10 g) = 1.09 W/kg

Maximum value of SAR (measured) = 3.19 W/kg



■ **Verification Data (1800 MHz Head)**

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 19.8 °C
Test Date: 04/06/2023

Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1800$ MHz; $\sigma = 1.382$ S/m; $\epsilon_r = 39.383$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(8.62, 8.62, 8.62) @ 1800 MHz; Calibrated: 2022-06-30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1629; Calibrated: 2022-08-17
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

1800MHz Head Verification/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 2.08 W/kg

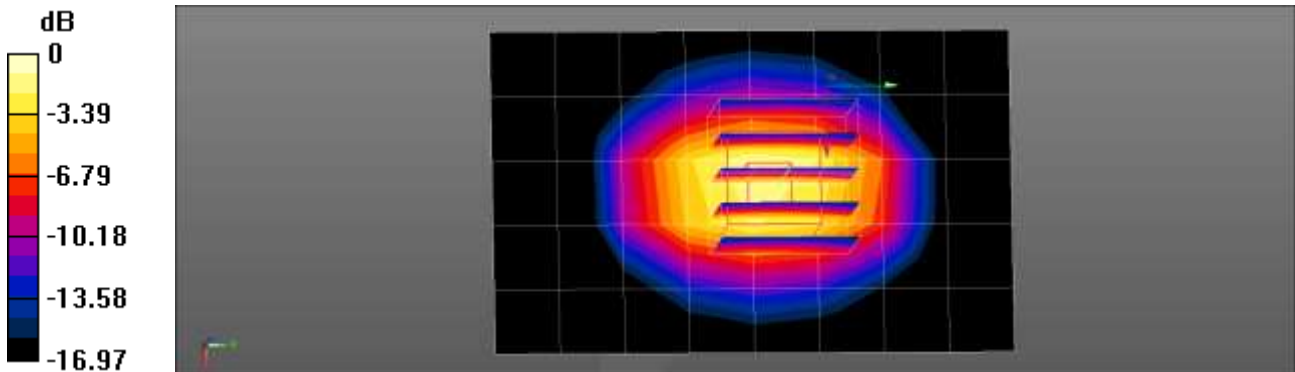
1800MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 46.36 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 3.43 W/kg

SAR(1 g) = 1.87 W/kg; SAR(10 g) = 1.01 W/kg

Maximum value of SAR (measured) = 2.84 W/kg



■ **Verification Data (1800 MHz Head)**

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 19.8 °C
Test Date: 04/07/2023

Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1800$ MHz; $\sigma = 1.395$ S/m; $\epsilon_r = 39.381$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(8.62, 8.62, 8.62) @ 1800 MHz; Calibrated: 2022-06-30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1629; Calibrated: 2022-08-17
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

1800MHz Head Verification/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 2.10 W/kg

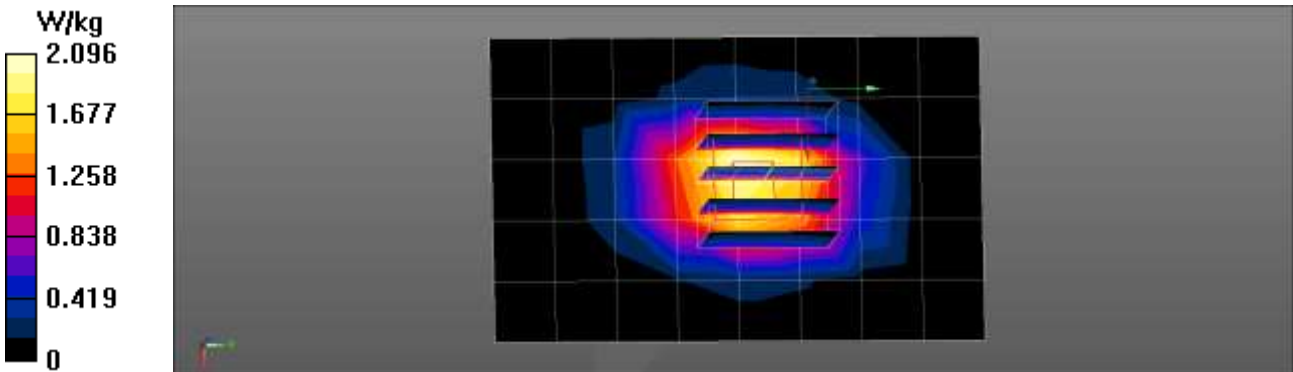
1800MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 46.27 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 3.46 W/kg

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

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



■ **Verification Data (1800 MHz Head)**

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 20.4 °C
Test Date: 03/20/2023

Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1800$ MHz; $\sigma = 1.41$ S/m; $\epsilon_r = 39.388$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(9.48, 9.48, 9.48) @ 1800 MHz; Calibrated: 2022-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1254; Calibrated: 2022-06-15
- Phantom: ELI V4.0 Left-Left(20deg probe tilt); Type: QD OVA 001 Bx; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

1800MHz Head Verification/Area Scan (6x8x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 2.34 W/kg

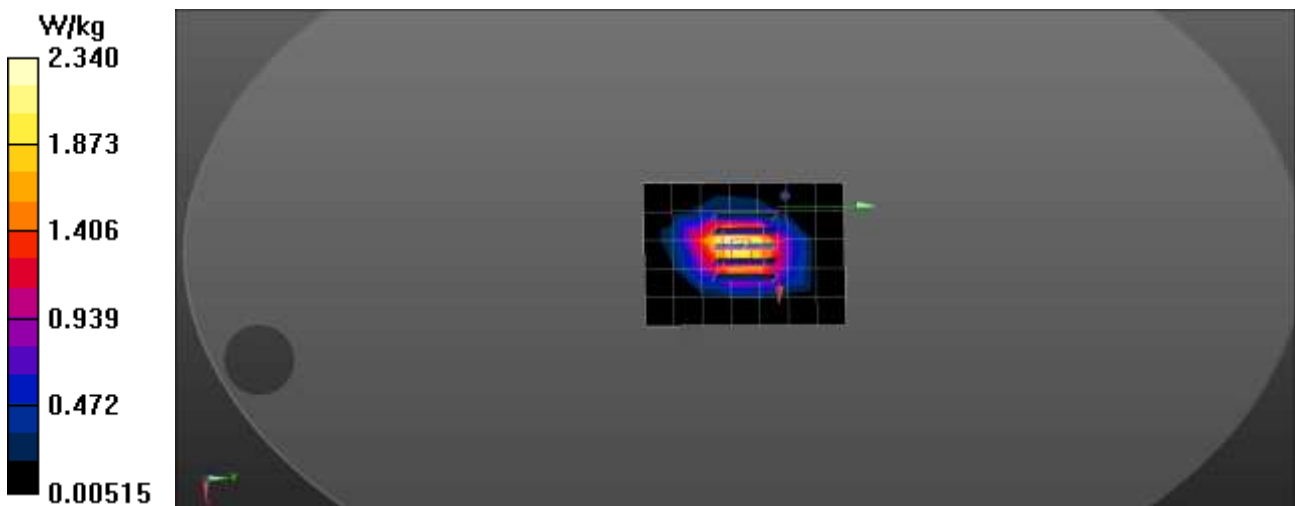
1800MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 47.48 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 3.63 W/kg

SAR(1 g) = 2.01 W/kg; SAR(10 g) = 1.08 W/kg

Maximum value of SAR (measured) = 3.07 W/kg



■ **Verification Data (1 900 MHz Head)**

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 22.5 °C
Test Date: 03/27/2023

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1900$ MHz; $\sigma = 1.412$ S/m; $\epsilon_r = 41.098$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(8.09, 8.09, 8.09) @ 1900 MHz; Calibrated: 2022-08-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2022-11-16
- 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 (5x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 2.81 W/kg

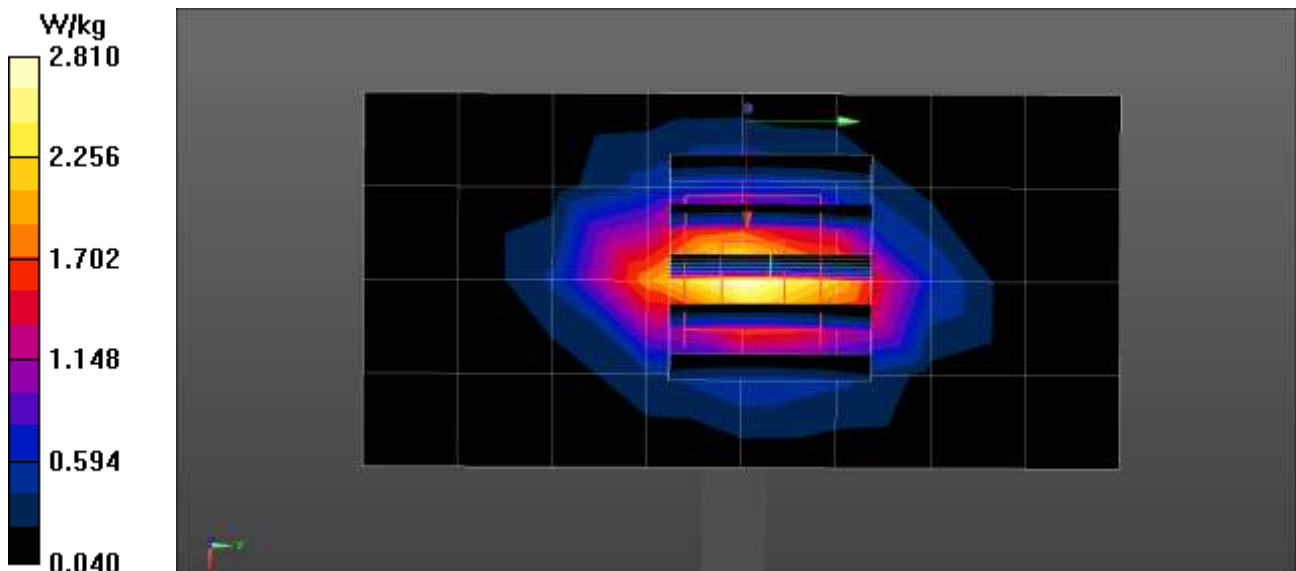
1900MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 47.38 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 3.37 W/kg

SAR(1 g) = 1.82 W/kg; SAR(10 g) = 0.947 W/kg

Maximum value of SAR (measured) = 2.81 W/kg



■ **Verification Data (1900 MHz Head)**

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 20.0 °C
Test Date: 03/22/2023

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1900$ MHz; $\sigma = 1.414$ S/m; $\epsilon_r = 41.331$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7681; ConvF(8.86, 8.86, 8.86) @ 1900 MHz; Calibrated: 2022-11-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1687; Calibrated: 2022-07-18
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

1900MHz Head Verification/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 2.63 W/kg

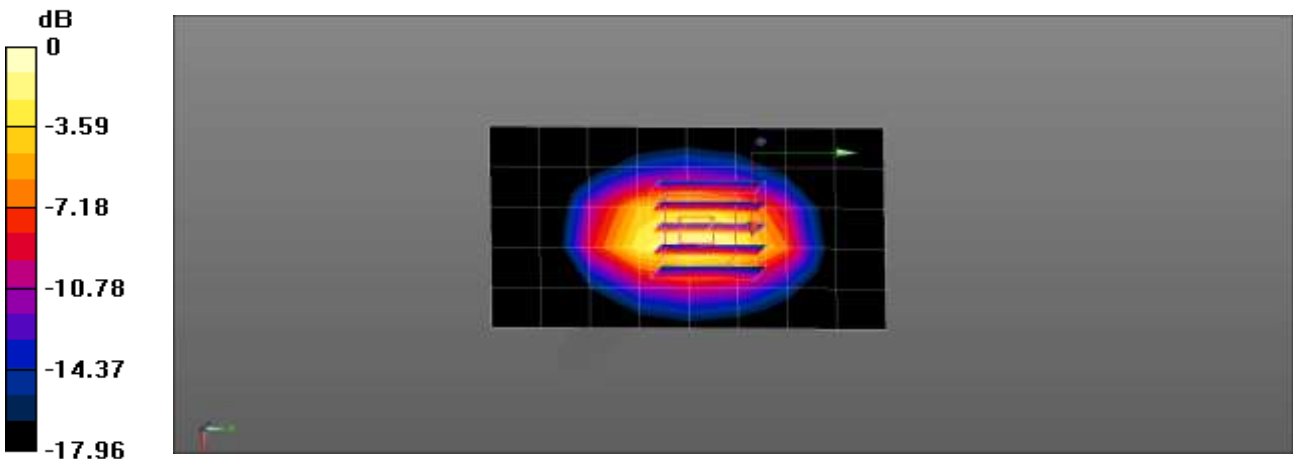
1900MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 48.09 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 3.84 W/kg

SAR(1 g) = 2.06 W/kg; SAR(10 g) = 1.09 W/kg

Maximum value of SAR (measured) = 3.17 W/kg



■ **Verification Data (1900 MHz Head)**

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 20.5 °C
Test Date: 04/04/2023

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1900$ MHz; $\sigma = 1.413$ S/m; $\epsilon_r = 41.294$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(8.21, 8.21, 8.21) @ 1900 MHz; Calibrated: 2022-06-30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1629; Calibrated: 2022-08-17
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

1900MHz Head Verification/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 2.20 W/kg

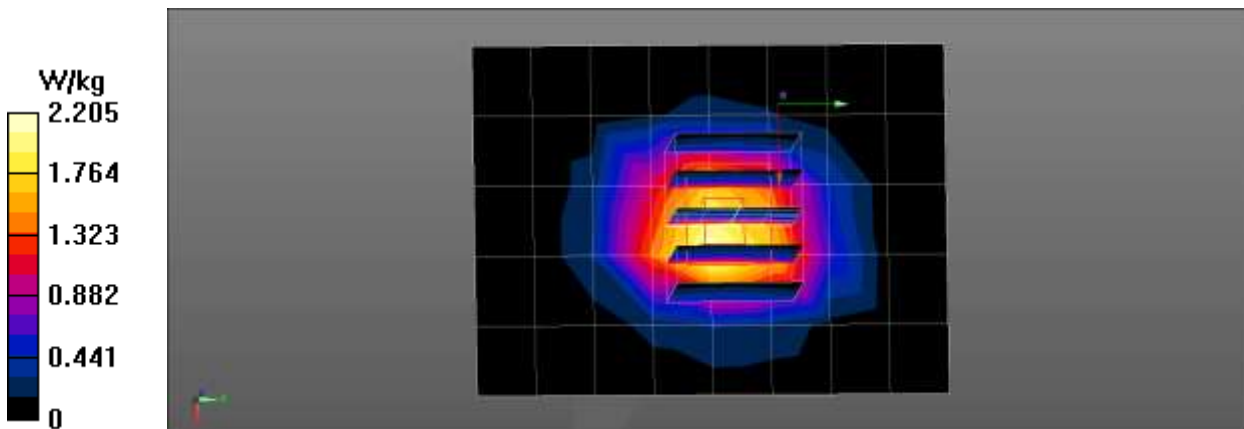
1900MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 46.38 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 3.52 W/kg

SAR(1 g) = 1.87 W/kg; SAR(10 g) = 1.01 W/kg

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



■ **Verification Data (1900 MHz Head)**

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 20.7 °C
Test Date: 03/23/2023

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1900$ MHz; $\sigma = 1.4$ S/m; $\epsilon_r = 39.175$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(9.09, 9.09, 9.09) @ 1900 MHz; Calibrated: 2022-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1254; Calibrated: 2022-06-15
- Phantom: ELI V4.0 Left-Left(20deg probe tilt); Type: QD OVA 001 Bx; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

1900MHz Head Verification/Area Scan (6x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 2.72 W/kg

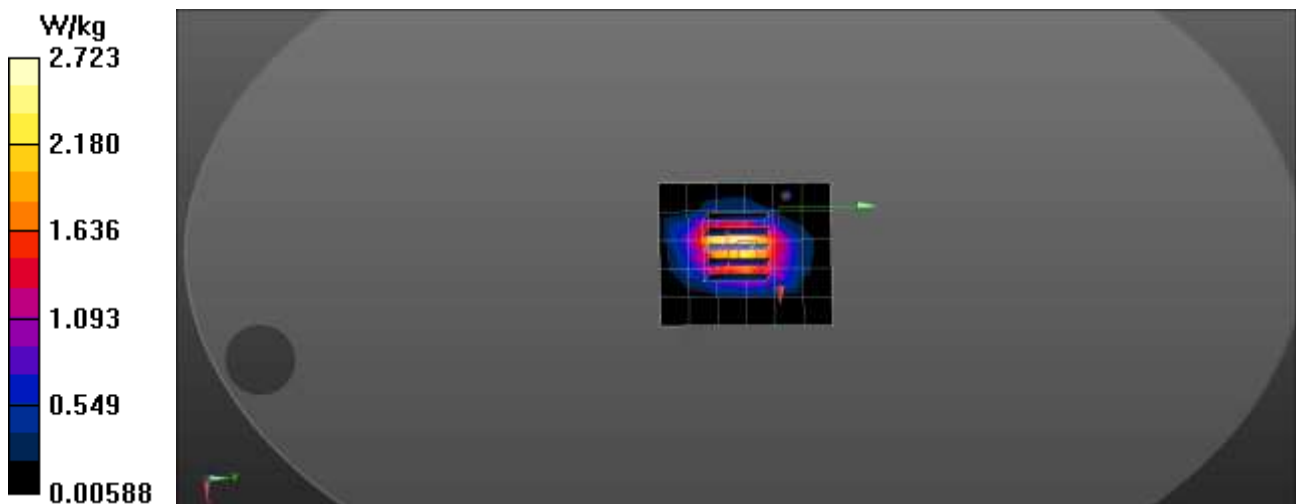
1900MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 46.29 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 3.40 W/kg

SAR(1 g) = 1.83 W/kg; SAR(10 g) = 0.998 W/kg

Maximum value of SAR (measured) = 2.79 W/kg



■ **Verification Data (2300 MHz Head)**

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 21.0 °C
Test Date: 03/24/2023

Communication System: UID 0, CW (0); Frequency: 2300 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2300$ MHz; $\sigma = 1.597$ S/m; $\epsilon_r = 40.764$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(8.01, 8.01, 8.01) @ 2300 MHz; Calibrated: 2022-06-30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1629; Calibrated: 2022-08-17
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

2300MHz Head Verification/Area Scan (7x11x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 4.14 W/kg

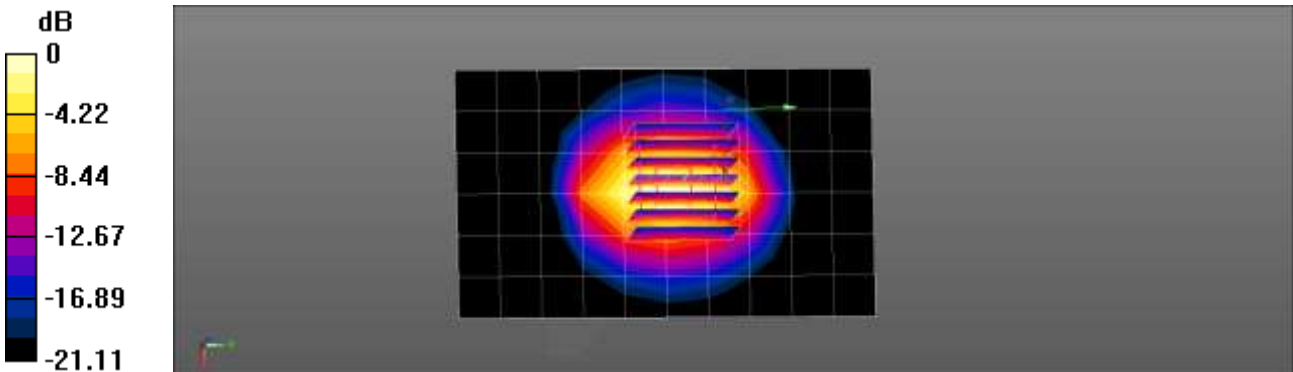
2300MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 52.18 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 5.42 W/kg

SAR(1 g) = 2.42 W/kg; SAR(10 g) = 1.13 W/kg

Maximum value of SAR (measured) = 4.18 W/kg



■ **Verification Data (2300 MHz Head)**

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 20.4 °C
Test Date: 04/05/2023

Communication System: UID 0, CW (0); Frequency: 2300 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2300$ MHz; $\sigma = 1.721$ S/m; $\epsilon_r = 39.274$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(8.01, 8.01, 8.01) @ 2300 MHz; Calibrated: 2022-06-30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1629; Calibrated: 2022-08-17
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

2300MHz Head Verification/Area Scan (7x11x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 4.04 W/kg

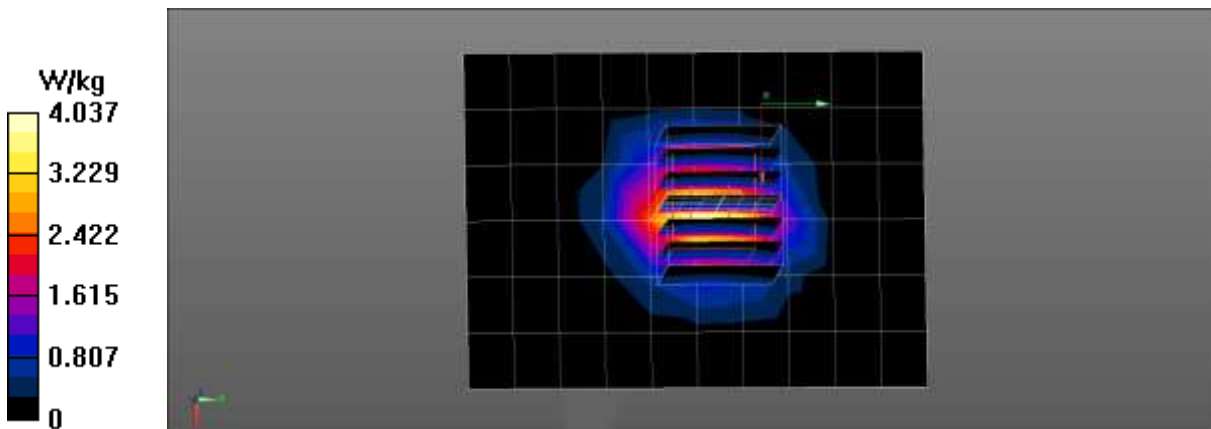
2300MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 49.69 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 5.27 W/kg

SAR(1 g) = 2.61 W/kg; SAR(10 g) = 1.28 W/kg

Maximum value of SAR (measured) = 4.22 W/kg



■ **Verification Data (2300 MHz Head)**

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 21.0 °C
Test Date: 03/24/2023

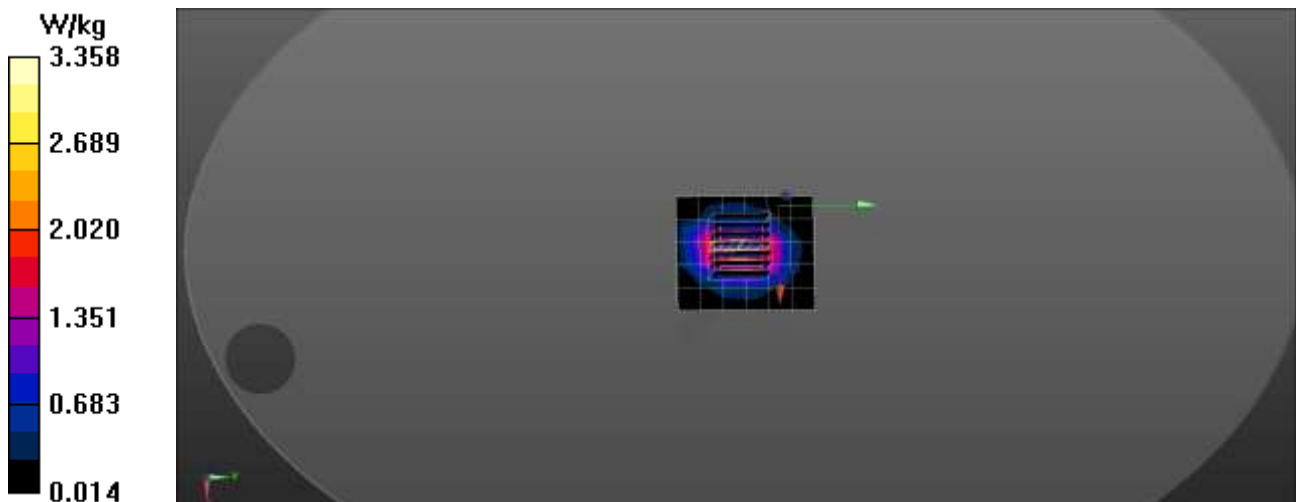
Communication System: UID 0, CW (0); Frequency: 2300 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2300$ MHz; $\sigma = 1.717$ S/m; $\epsilon_r = 39.309$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(8.82, 8.82, 8.82) @ 2300 MHz; Calibrated: 2022-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1254; Calibrated: 2022-06-15
- Phantom: ELI V4.0 Left-Left(20deg probe tilt); Type: QD OVA 001 Bx; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

2300MHz Head Verification/Area Scan (6x7x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 3.36 W/kg

2300MHz Head Verification/Zoom Scan (7x7x5)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 50.74 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 5.24 W/kg
SAR(1 g) = 2.68 W/kg; SAR(10 g) = 1.32 W/kg
Maximum value of SAR (measured) = 4.31 W/kg



■ **Verification Data (2 450 MHz Head)**

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 19.1 °C
Test Date: 03/21/2023

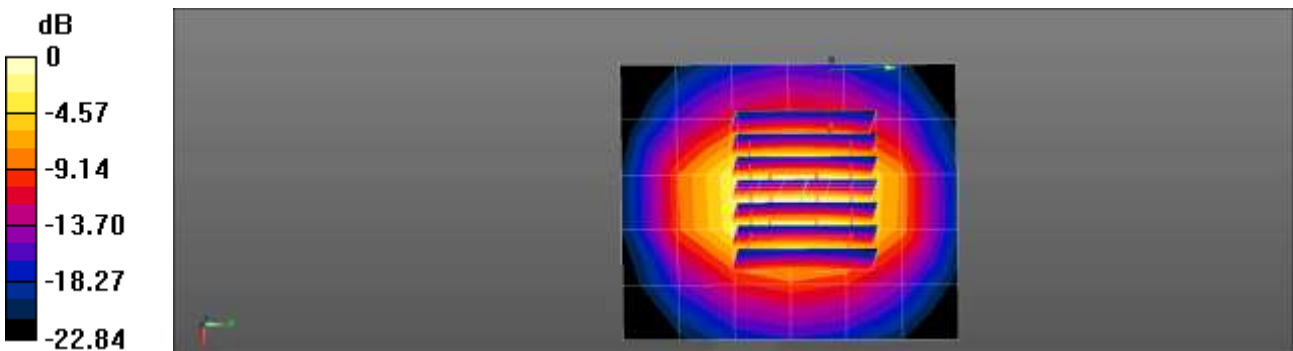
Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2450$ MHz; $\sigma = 1.802$ S/m; $\epsilon_r = 39.196$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7680; ConvF(7.92, 7.92, 7.92) @ 2450 MHz; Calibrated: 2022-09-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2022-10-10
- Phantom: ELI v5.0_2014_03_05; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

2450MHz Head Verification/Area Scan (6x7x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 3.27 W/kg

2450MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 51.57 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 5.55 W/kg
SAR(1 g) = 2.62 W/kg; SAR(10 g) = 1.2 W/kg
Maximum value of SAR (measured) = 4.43 W/kg



0 dB = 4.43 W/kg = 6.46 dBW/kg

■ **Verification Data (2 450 MHz Head)**

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 19.2 °C
Test Date: 03/22/2023

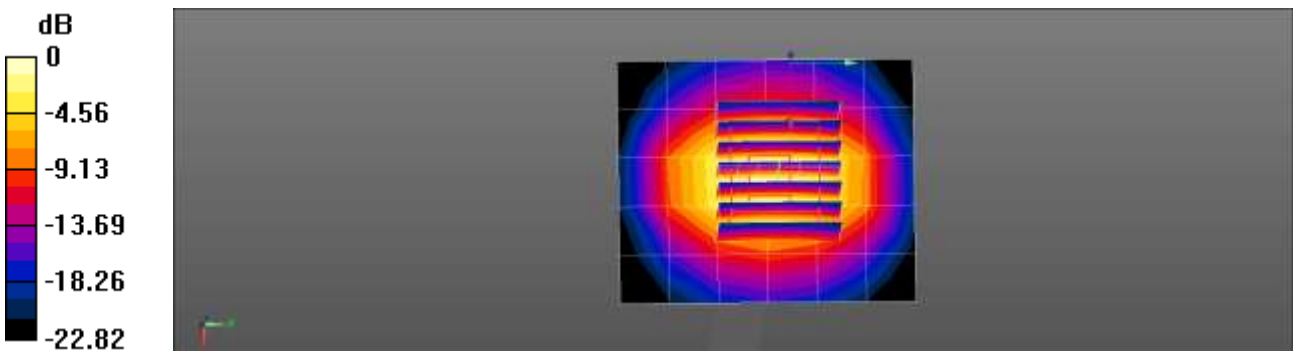
Communication System: UID 0, CW (0); Frequency: 2450 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 2450$ MHz; $\sigma = 1.825$ S/m; $\epsilon_r = 38.698$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7680; ConvF(7.92, 7.92, 7.92) @ 2450 MHz; Calibrated: 2022-09-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2022-10-10
- Phantom: ELI v5.0_2014_03_05; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

2450MHz Head Verification/Area Scan (6x7x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 3.31 W/kg

2450MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 51.38 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 5.62 W/kg
SAR(1 g) = 2.65 W/kg; SAR(10 g) = 1.21 W/kg
Maximum value of SAR (measured) = 4.48 W/kg



0 dB = 4.48 W/kg = 6.51 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: 03/23/2023

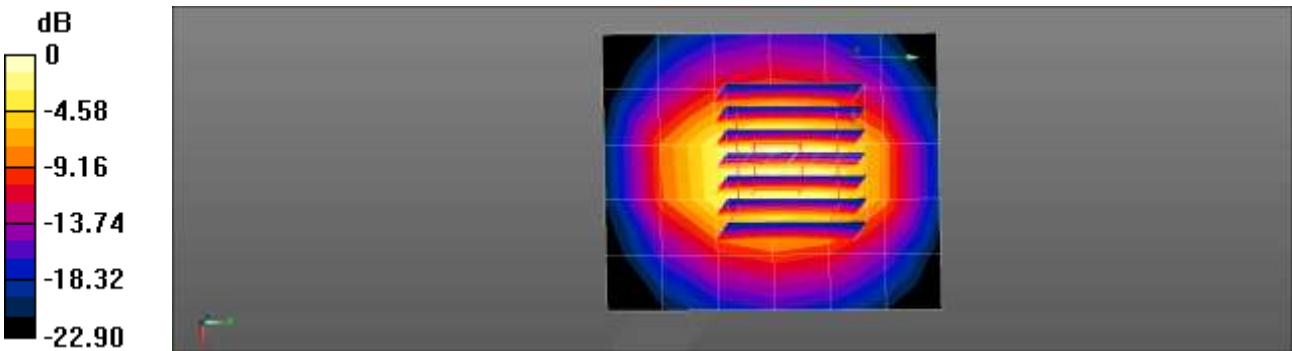
Communication System: UID 0, CW (0); Frequency: 2450 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 2450$ MHz; $\sigma = 1.868$ S/m; $\epsilon_r = 39.012$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7680; ConvF(7.92, 7.92, 7.92) @ 2450 MHz; Calibrated: 2022-09-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2022-10-10
- Phantom: ELI v5.0_2014_03_05; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

2450MHz Head Verification/Area Scan (6x7x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 3.37 W/kg

2450MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 51.28 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 5.71 W/kg
SAR(1 g) = 2.69 W/kg; SAR(10 g) = 1.23 W/kg
Maximum value of SAR (measured) = 4.57 W/kg



0 dB = 4.57 W/kg = 6.60 dBW/kg

■ **Verification Data (2 450 MHz Head)**

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 20.4 °C
Test Date: 03/24/2023

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2450$ MHz; $\sigma = 1.858$ S/m; $\epsilon_r = 39.004$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7680; ConvF(7.92, 7.92, 7.92) @ 2450 MHz; Calibrated: 2022-09-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2022-10-10
- Phantom: ELI v5.0_2014_03_05; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

2450MHz Head Verification/Area Scan (6x7x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 3.38 W/kg

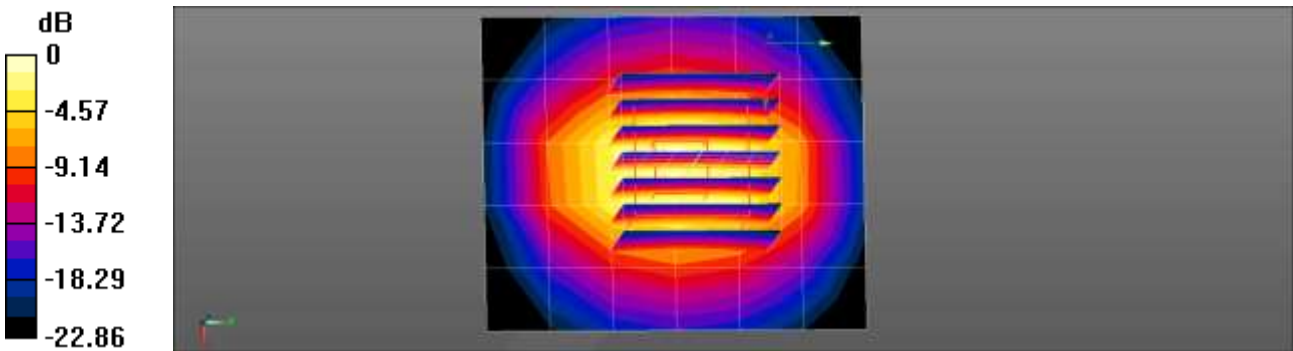
2450MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 51.57 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 5.70 W/kg

SAR(1 g) = 2.69 W/kg; SAR(10 g) = 1.23 W/kg

Maximum value of SAR (measured) = 4.55 W/kg



0 dB = 4.55 W/kg = 6.58 dBW/kg

■ **Verification Data (2 450 MHz Head)**

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 21.0 °C
Test Date: 05/02/2023

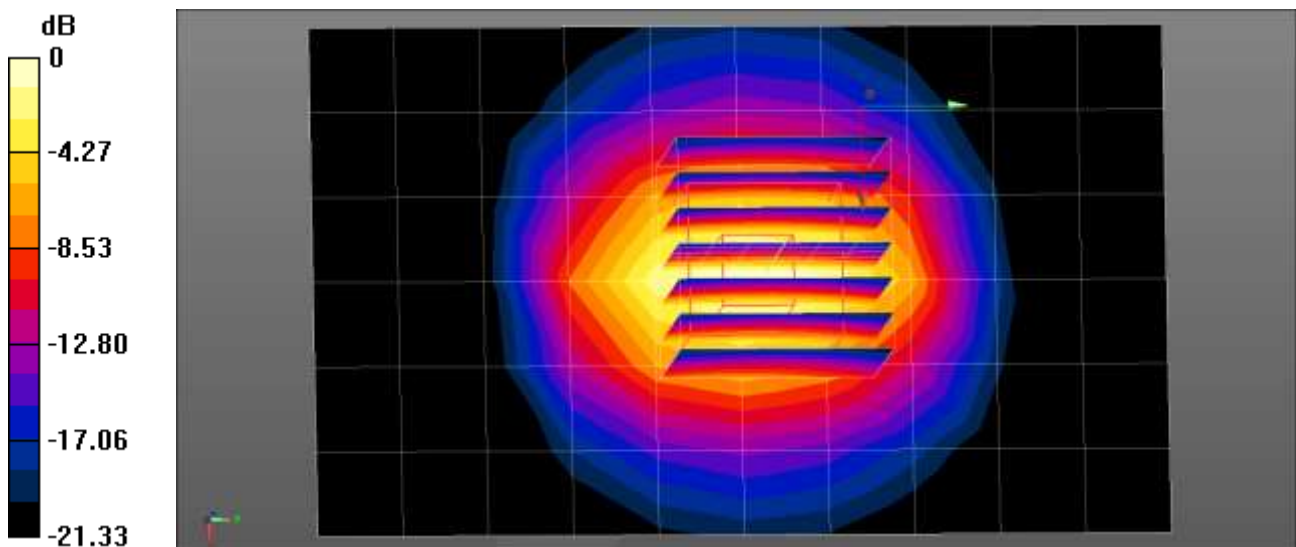
Communication System: UID 0, CW (0); Frequency: 2450 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 2450$ MHz; $\sigma = 1.809$ S/m; $\epsilon_r = 37.715$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(7.73, 7.73, 7.73) @ 2450 MHz; Calibrated: 2022-06-30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1629; Calibrated: 2022-08-17
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

2450MHz Head Verification/Area Scan (7x11x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 4.23 W/kg

2450MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 50.52 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 5.32 W/kg
SAR(1 g) = 2.53 W/kg; SAR(10 g) = 1.19 W/kg
Maximum value of SAR (measured) = 4.21 W/kg



0 dB = 4.21 W/kg = 6.24 dBW/kg

■ **Verification Data (2600 MHz Head)**

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 19.8 °C
Test Date: 03/16/2023

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.039$ S/m; $\epsilon_r = 38.121$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7681; ConvF(7.95, 7.95, 7.95) @ 2600 MHz; Calibrated: 2022-11-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1687; Calibrated: 2022-07-18
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

2600MHz Head Verification/Area Scan (7x11x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 5.11 W/kg

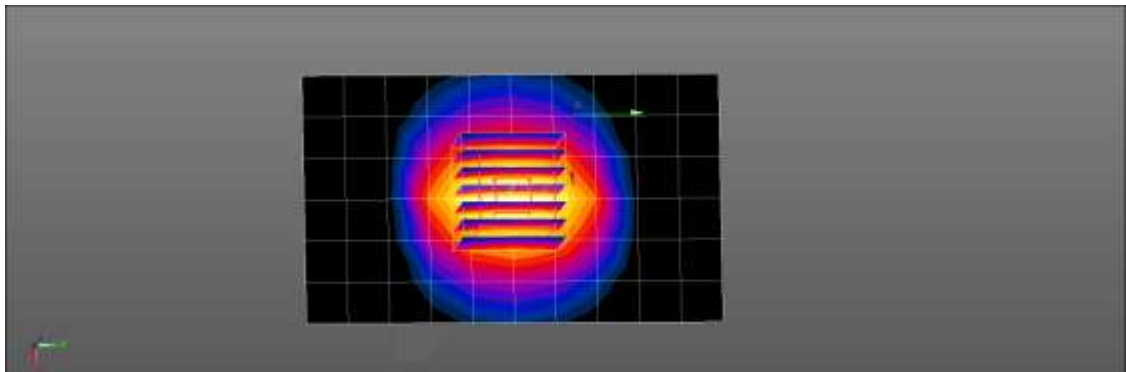
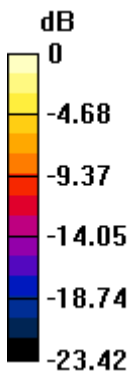
2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 53.05 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 6.49 W/kg

SAR(1 g) = 2.95 W/kg; SAR(10 g) = 1.32 W/kg

Maximum value of SAR (measured) = 5.02 W/kg



■ **Verification Data (2600 MHz Head)**

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 20.1 °C
Test Date: 04/03/2023

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2600$ MHz; $\sigma = 1.995$ S/m; $\epsilon_r = 38.021$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(7.41, 7.41, 7.41) @ 2600 MHz; Calibrated: 2022-06-30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1629; Calibrated: 2022-08-17
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

2600MHz Head Verification/Area Scan (7x11x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 4.47 W/kg

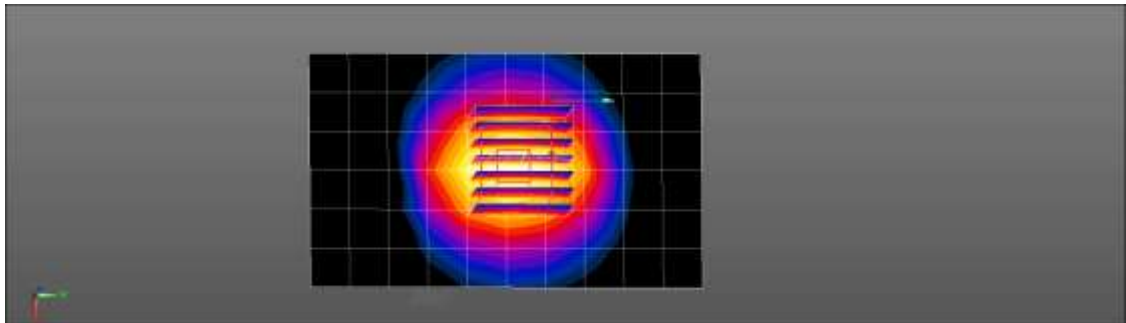
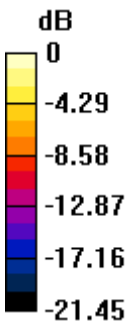
2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 49.52 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 5.65 W/kg

SAR(1 g) = 2.75 W/kg; SAR(10 g) = 1.3 W/kg

Maximum value of SAR (measured) = 4.50 W/kg



■ **Verification Data (2600 MHz Head)**

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 20.3 °C
Test Date: 03/27/2023

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.034$ S/m; $\epsilon_r = 37.554$; $\rho = 1000$ kg/m³ Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(7.41, 7.41, 7.41) @ 2600 MHz; Calibrated: 2022-06-30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1629; Calibrated: 2022-08-17
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

2600MHz Head Verification/Area Scan (7x11x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 5.22 W/kg

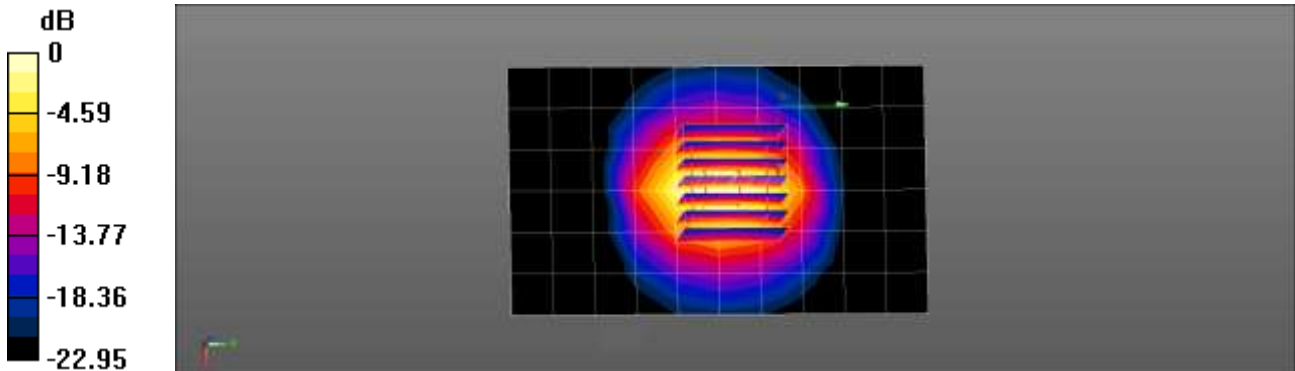
2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 53.19 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 6.69 W/kg

SAR(1 g) = 2.9 W/kg; SAR(10 g) = 1.3 W/kg

Maximum value of SAR (measured) = 5.11 W/kg



■ **Verification Data (2600 MHz Head)**

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 21.4 °C
Test Date: 04/28/2023

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2600$ MHz; $\sigma = 1.946$ S/m; $\epsilon_r = 38.056$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(7.41, 7.41, 7.41) @ 2600 MHz; Calibrated: 2022-06-30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1629; Calibrated: 2022-08-17
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

2600MHz Head Verification/Area Scan (7x11x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 4.70 W/kg

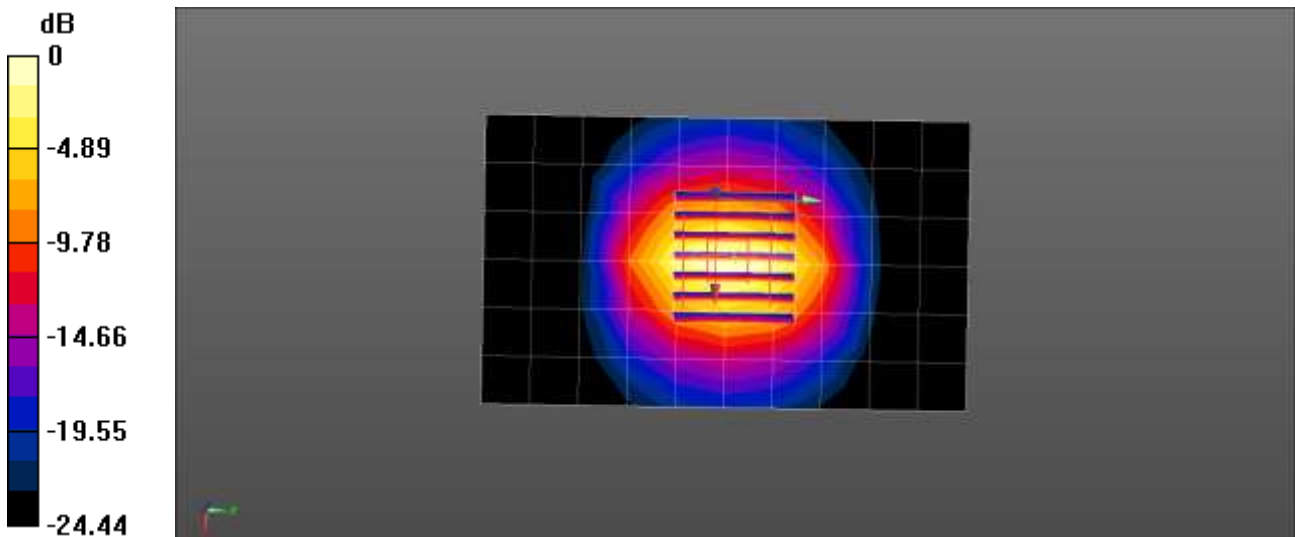
2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 51.79 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 6.04 W/kg

SAR(1 g) = 2.65 W/kg; SAR(10 g) = 1.16 W/kg

Maximum value of SAR (measured) = 4.64 W/kg



0 dB = 4.64 W/kg = 6.67 dBW/kg

■ **Verification Data (2600 MHz Head)**

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 18.0 °C
Test Date: 04/03/2023

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2600$ MHz; $\sigma = 1.988$ S/m; $\epsilon_r = 38.564$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7680; ConvF(7.64, 7.64, 7.64) @ 2600 MHz; Calibrated: 2022-09-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2022-10-10
- Phantom: ELI v5.0_2014_03_05; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

2600MHz Head Verification/Area Scan (6x7x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 4.25 W/kg

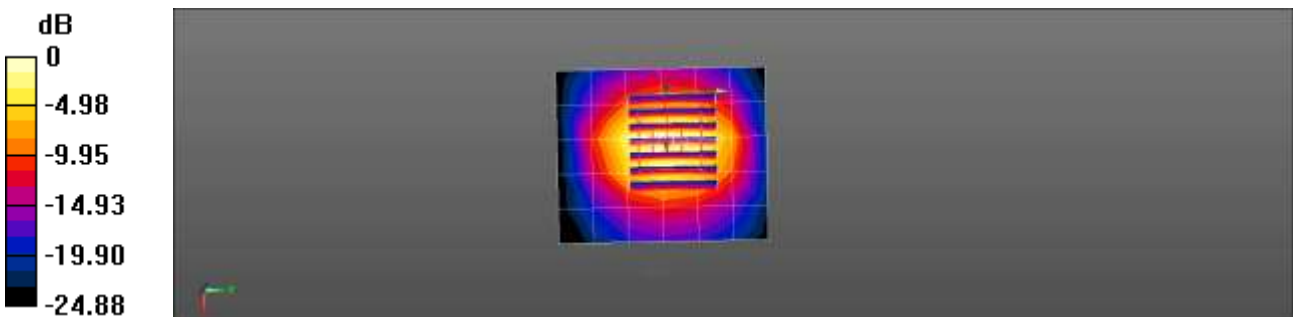
2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 48.07 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 5.96 W/kg

SAR(1 g) = 2.68 W/kg; SAR(10 g) = 1.17 W/kg

Maximum value of SAR (measured) = 4.68 W/kg



0 dB = 4.68 W/kg = 6.70 dBW/kg

■ **Verification Data (2600 MHz Head)**

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 19.0 °C
Test Date: 04/10/2023

Communication System: UID 0, CW (0); Frequency: 2600 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.034$ S/m; $\epsilon_r = 39.151$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7680; ConvF(7.64, 7.64, 7.64) @ 2600 MHz; Calibrated: 2022-09-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1750; Calibrated: 2022-10-10
- Phantom: ELI v5.0_2014_03_05; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

2600MHz Head Verification/Area Scan (6x7x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 4.35 W/kg

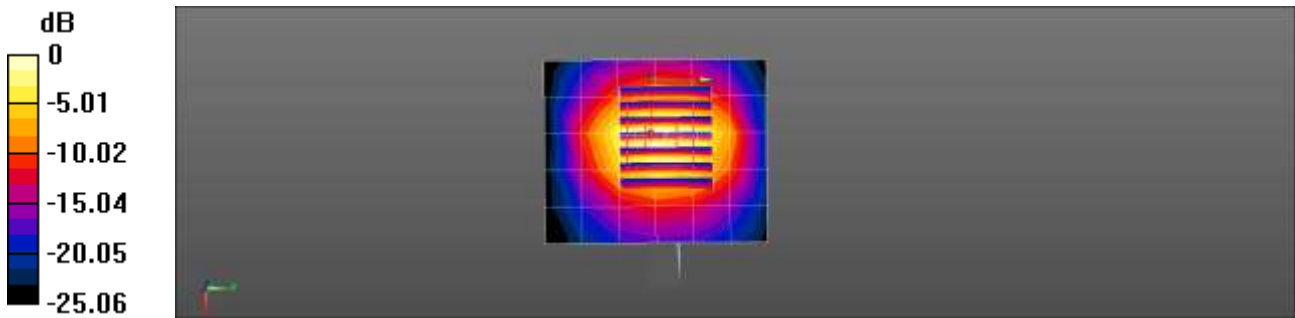
2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 48.12 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 6.06 W/kg

SAR(1 g) = 2.73 W/kg; SAR(10 g) = 1.19 W/kg

Maximum value of SAR (measured) = 4.76 W/kg



0 dB = 4.76 W/kg = 6.78 dBW/kg

■ **Verification Data (2600 MHz Head)**

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 22.4 °C
Test Date: 04/19/2023

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.033$ S/m; $\epsilon_r = 38.054$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(7.36, 7.36, 7.36) @ 2600 MHz; Calibrated: 2022-08-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2022-11-16
- 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)

2600MHz Head Verification/Area Scan (7x8x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 4.65 W/kg

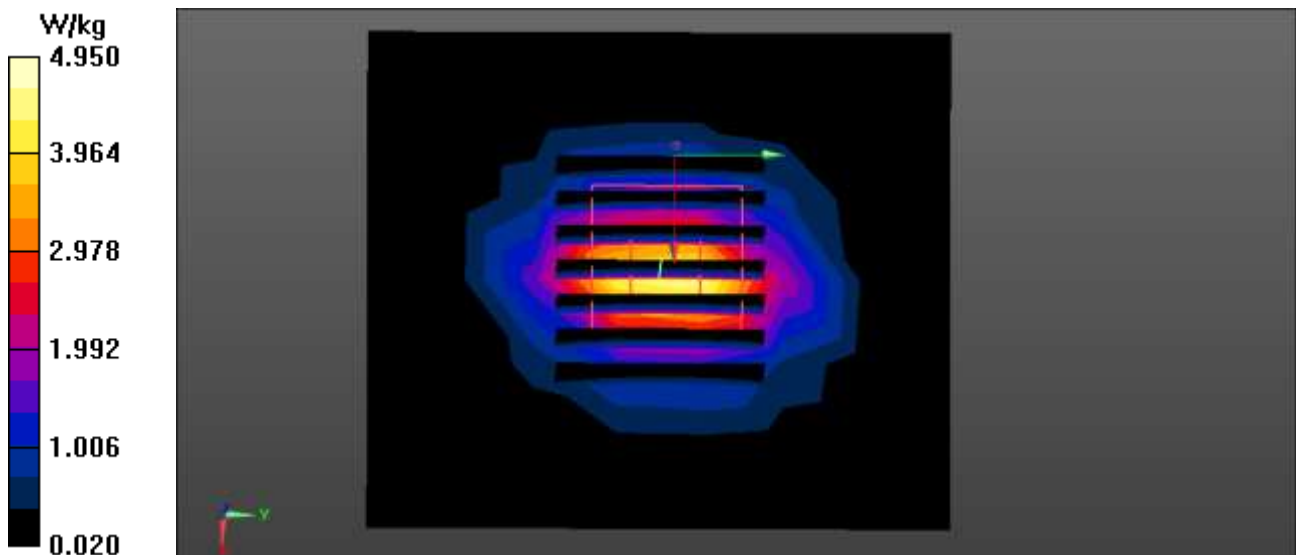
2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 51.74 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 6.28 W/kg

SAR(1 g) = 2.88 W/kg; SAR(10 g) = 1.28 W/kg

Maximum value of SAR (measured) = 4.95 W/kg



■ **Verification Data (3500 MHz Head)**

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 18.5 °C
Test Date: 04/05/2023

Communication System: UID 0, CW (0); Frequency: 3500 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 3500$ MHz; $\sigma = 2.926$ S/m; $\epsilon_r = 37.934$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(6.78, 6.78, 6.78) @ 3500 MHz; Calibrated: 2022-08-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2022-11-16
- 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 Verification/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 5.67 W/kg

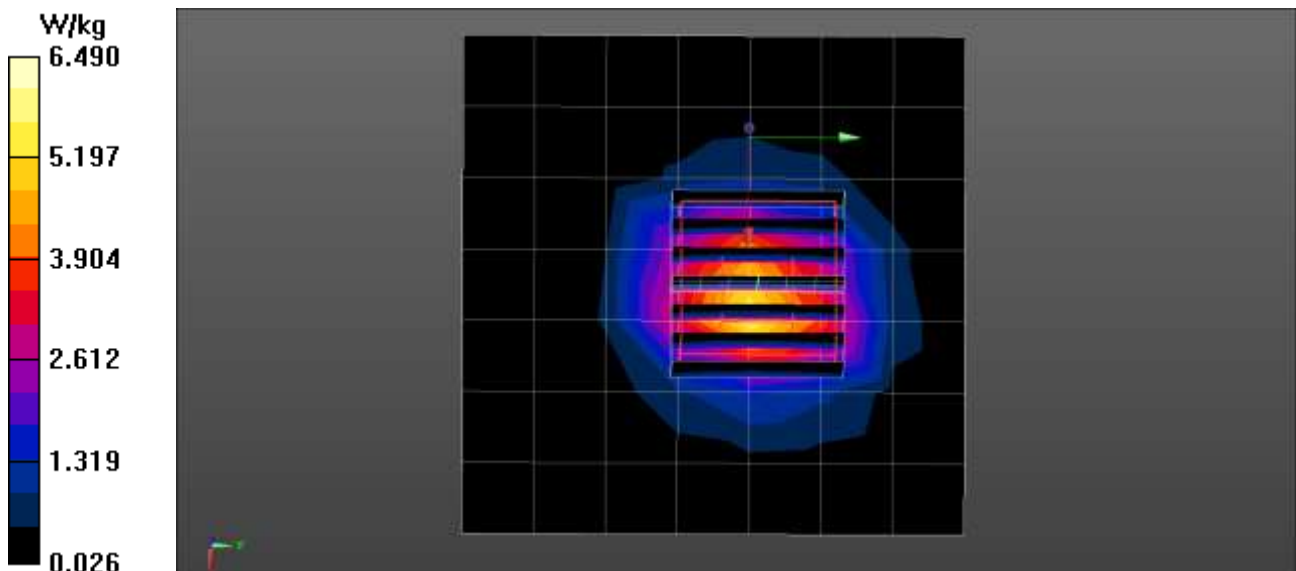
3500MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 46.19 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 8.48 W/kg

SAR(1 g) = 3.4 W/kg; SAR(10 g) = 1.3 W/kg

Maximum value of SAR (measured) = 6.49 W/kg



■ **Verification Data (3500 MHz Head)**

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 20.3 °C
Test Date: 03/28/2023

Communication System: UID 0, CW (0); Frequency: 3500 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 3500$ MHz; $\sigma = 2.949$ S/m; $\epsilon_r = 38.289$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(6.8, 6.8, 6.8) @ 3500 MHz; Calibrated: 2022-06-30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1629; Calibrated: 2022-08-17
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

3500MHz Head Verification/Area Scan (7x11x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 6.44 W/kg

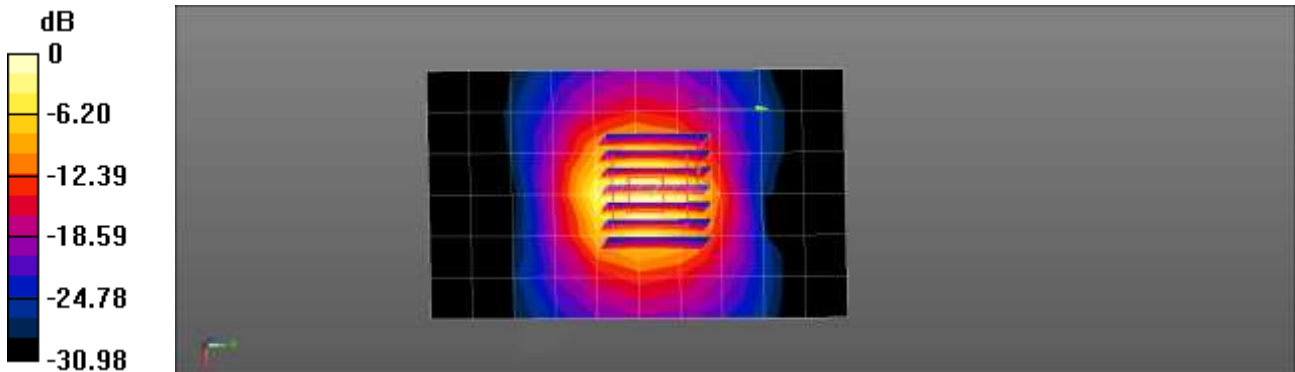
3500MHz Head Verification/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 49.43 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 9.21 W/kg

SAR(1 g) = 3.26 W/kg; SAR(10 g) = 1.24 W/kg

Maximum value of SAR (measured) = 6.42 W/kg



■ **Verification Data (3500 MHz Head)**

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 21.1 °C
 Test Date: 03/31/2023

Communication System: UID 0, CW (0); Frequency: 3500 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 3500$ MHz; $\sigma = 2.935$ S/m; $\epsilon_r = 38.438$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7370; ConvF(6.78, 6.78, 6.78) @ 3500 MHz;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2022-11-16
- Phantom: ELI V4.0 (20deg probe tilt)
- Measurement SW: DASY52, Version 52.10 (4);

Dipole/3500MHz Head Verification/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 5.70 W/kg

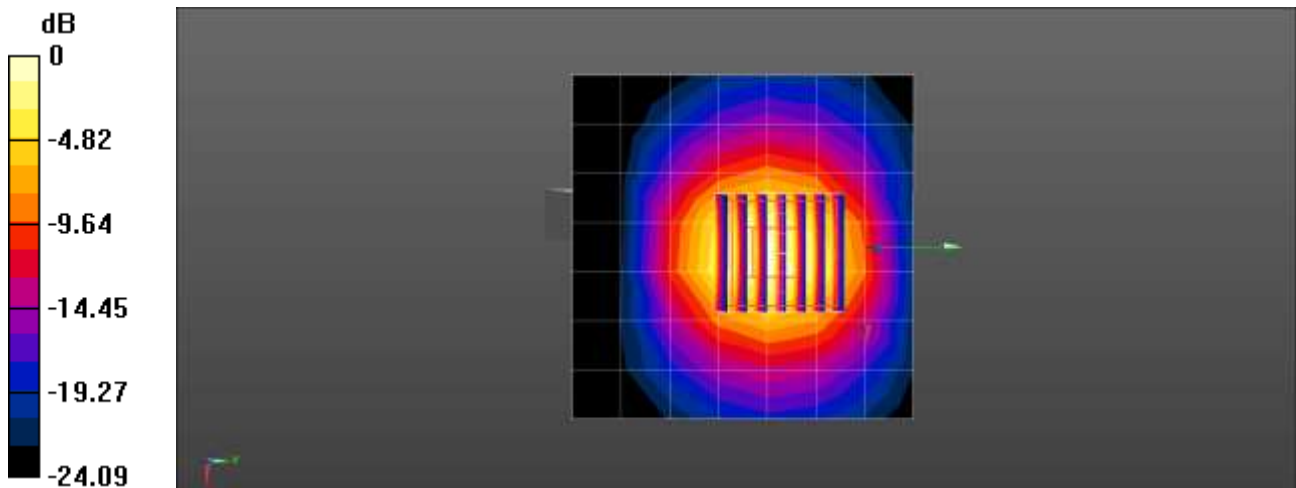
Dipole/3500MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 46.57 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 8.54 W/kg

SAR(1 g) = 3.4 W/kg; SAR(10 g) = 1.3 W/kg

Maximum value of SAR (measured) = 6.54 W/kg



0 dB = 6.54 W/kg = 8.16 dBW/kg

■ Verification Data (3500 MHz Head)

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 19.9 °C
 Test Date: 04/07/2023

Measurement Report for Device, , , CW, Channel 0 (3500.0 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	,		CW, 0--	3500.0, 0	7.05	2.87	37.9

Hardware Setup

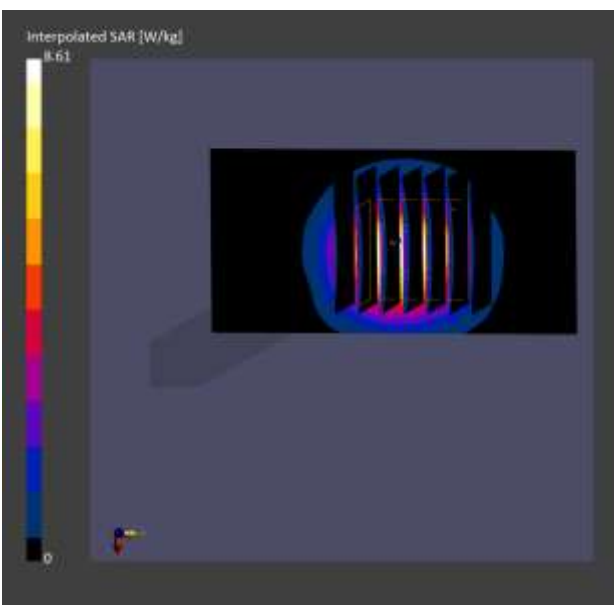
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - xxxx	EX3DV4 - SN3968, 2022-09-28	DAE4 Sn780, 2022-06-14

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2023-04-10, 16:34	2023-04-10, 16:39
psSAR1g [W/kg]	3.19	3.21
psSAR10g [W/kg]	1.28	1.22
Power Drift [dB]	-0.31	-0.13



■ **Verification Data (3700 MHz Head)**

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 20.3 °C
Test Date: 03/28/2023

Communication System: UID 0, CW (0); Frequency: 3700 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 3700 \text{ MHz}$; $\sigma = 3.175 \text{ S/m}$; $\epsilon_r = 38.002$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3768; ConvF(6.77, 6.77, 6.77) @ 3700 MHz; Calibrated: 2022-06-30
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1629; Calibrated: 2022-08-17
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

3700MHz Head Verification/Area Scan (8x8x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 5.53 W/kg

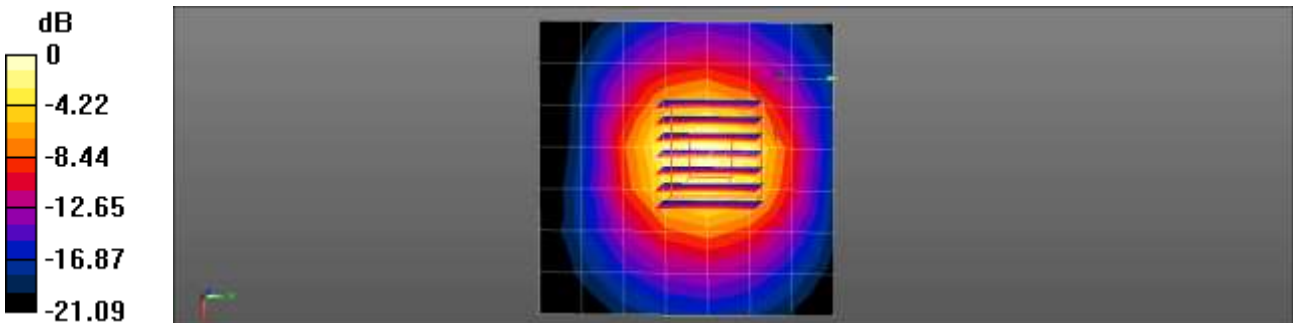
3700MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 45.38 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 8.08 W/kg

SAR(1 g) = 3.22 W/kg; SAR(10 g) = 1.33 W/kg

Maximum value of SAR (measured) = 5.92 W/kg



■ **Verification Data (3700 MHz Head)**

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 21.1 °C
Test Date: 03/31/2023

Communication System: UID 0, CW (0); Frequency: 3700 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 3700$ MHz; $\sigma = 3.119$ S/m; $\epsilon_r = 38.213$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(6.75, 6.75, 6.75) @ 3700 MHz; Calibrated: 2022-08-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2022-11-16
- 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 Verification/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 6.49 W/kg

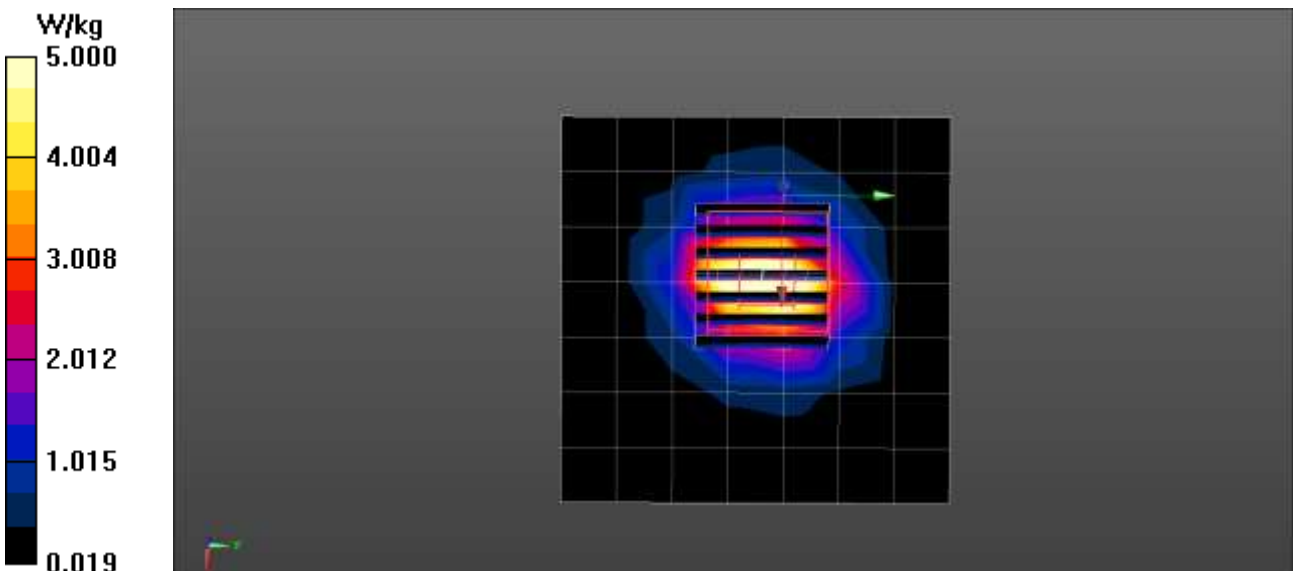
3700MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 49.17 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 9.09 W/kg

SAR(1 g) = 3.49 W/kg; SAR(10 g) = 1.3 W/kg

Maximum value of SAR (measured) = 6.89 W/kg



■ Verification Data (3700 MHz Head)

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 19.9 °C
 Test Date: 04/07/2023

Measurement Report for Device, , , CW, Channel 0 (3700.0 MHz)

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	,		CW, 0--	3700.0, 0	6.92	3.04	37.7

Hardware Setup

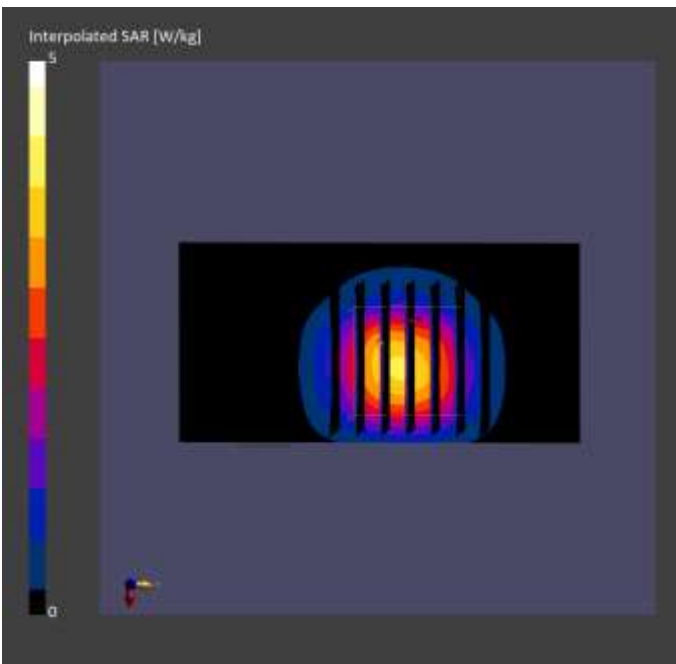
Phantom	Probe, Calibration Date	DAE, Calibration Date
ELI V4.0 (20deg probe tilt) - xxxx	EX3DV4 - SN3968, 2022-09-28	DAE4 Sn780, 2022-06-14

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	40.0 x 80.0	28.0 x 28.0 x 28.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2023-04-28, 15:11	2023-04-28, 15:16
psSAR1g [W/Kg]	2.84	3.12
psSAR10g [W/Kg]	1.15	1.16
Power Drift [dB]	-0.01	-0.00



■ **Verification Data (3700 MHz Head)**

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 18.6 °C
Test Date: 04/03/2023

Communication System: UID 0, CW (0); Frequency: 3700 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 3700$ MHz; $\sigma = 3.108$ S/m; $\epsilon_r = 38.843$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(6.75, 6.75, 6.75) @ 3700 MHz; Calibrated: 2022-08-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2022-11-16
- 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 Verification/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 5.29 W/kg

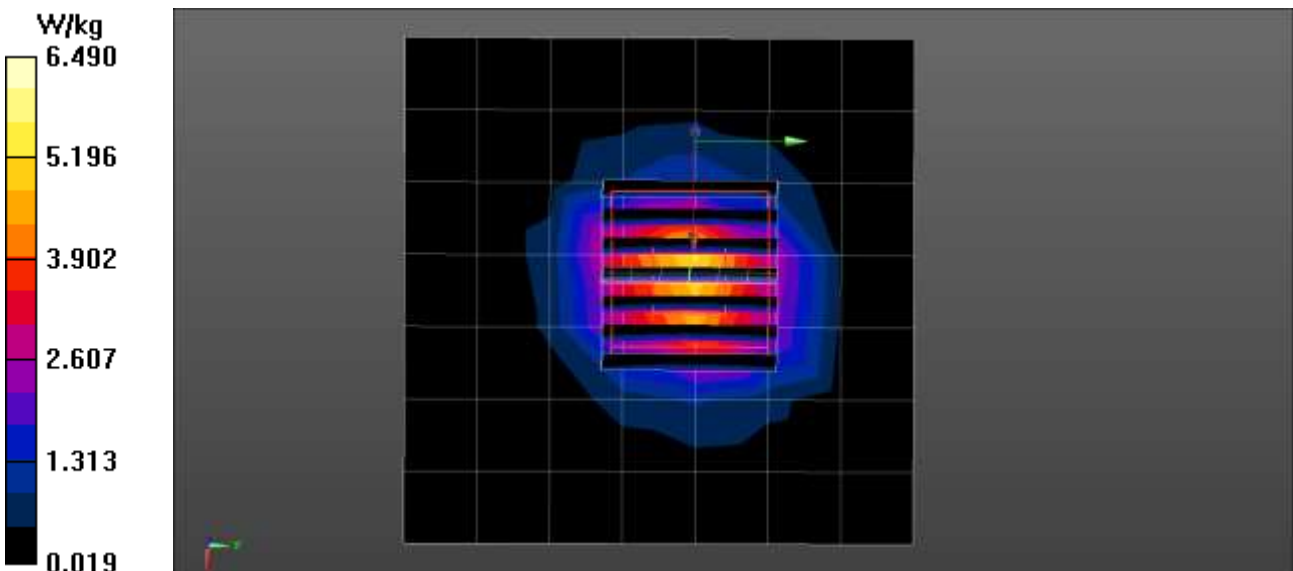
3700MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 48.40 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 8.64 W/kg

SAR(1 g) = 3.27 W/kg; SAR(10 g) = 1.21 W/kg

Maximum value of SAR (measured) = 6.49 W/kg



■ **Verification Data (3700 MHz Head)**

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 18.7 °C
Test Date: 04/04/2023

Communication System: UID 0, CW (0); Frequency: 3700 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 3700$ MHz; $\sigma = 3.088$ S/m; $\epsilon_r = 38.743$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(6.75, 6.75, 6.75) @ 3700 MHz; Calibrated: 2022-08-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2022-11-16
- 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 Verification/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 5.67 W/kg

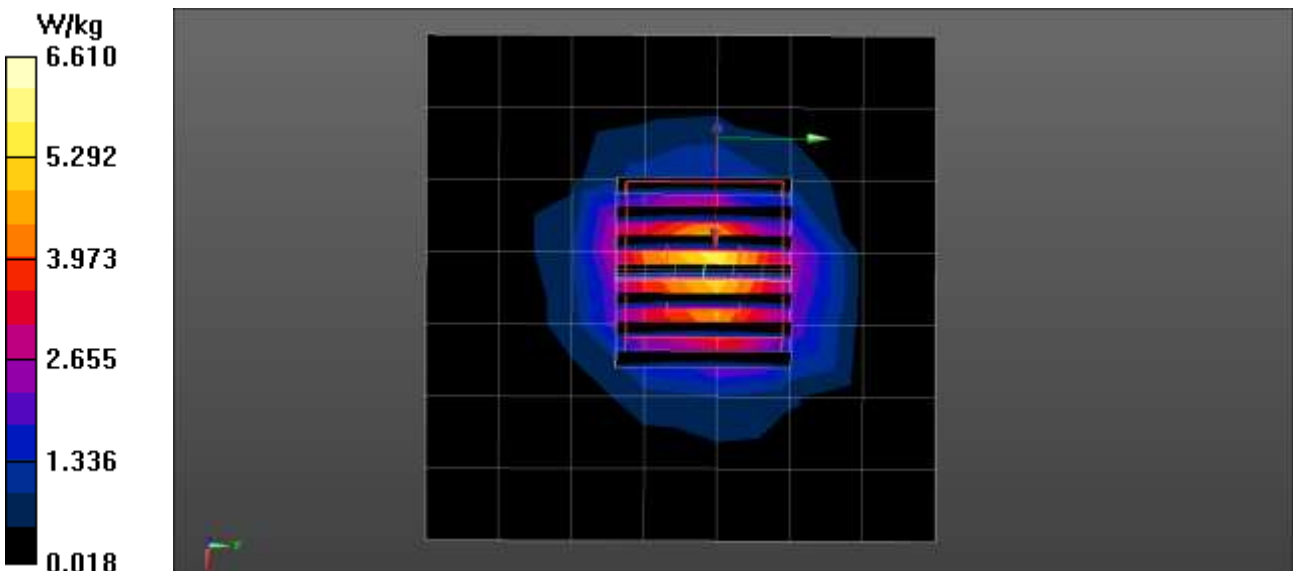
3700MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 50.11 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 8.81 W/kg

SAR(1 g) = 3.33 W/kg; SAR(10 g) = 1.24 W/kg

Maximum value of SAR (measured) = 6.61 W/kg



■ **Verification Data (3900 MHz Head)**

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 18.6 °C
Test Date: 04/03/2023

Communication System: UID 0, CW (0); Frequency: 3900 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 3900$ MHz; $\sigma = 3.254$ S/m; $\epsilon_r = 38.632$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(6.35, 6.35, 6.35) @ 3900 MHz; Calibrated: 2022-08-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2022-11-16
- 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)

3900MHz Head Verification/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 6.04 W/kg

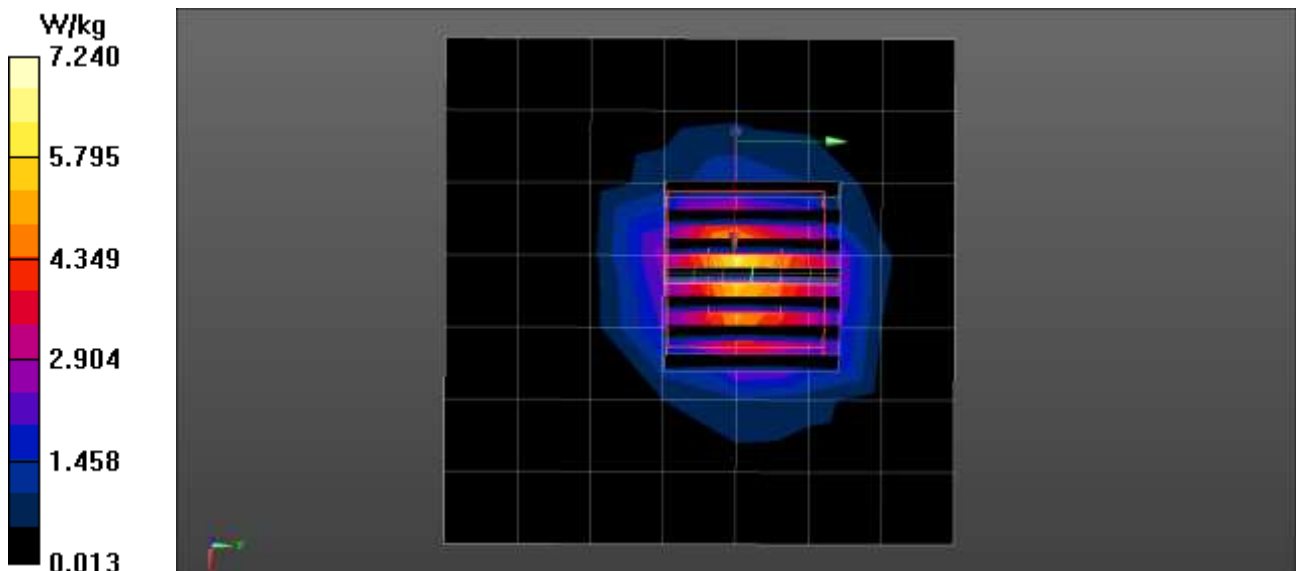
3900MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 48.07 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 10.1 W/kg

SAR(1 g) = 3.51 W/kg; SAR(10 g) = 1.23 W/kg

Maximum value of SAR (measured) = 7.24 W/kg



■ **Verification Data (3900 MHz Head)**

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 18.7 °C
Test Date: 04/04/2023

Communication System: UID 0, CW (0); Frequency: 3900 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 3900$ MHz; $\sigma = 3.232$ S/m; $\epsilon_r = 38.532$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(6.35, 6.35, 6.35) @ 3900 MHz; Calibrated: 2022-08-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2022-11-16
- 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)

3900MHz Head Verification/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 6.29 W/kg

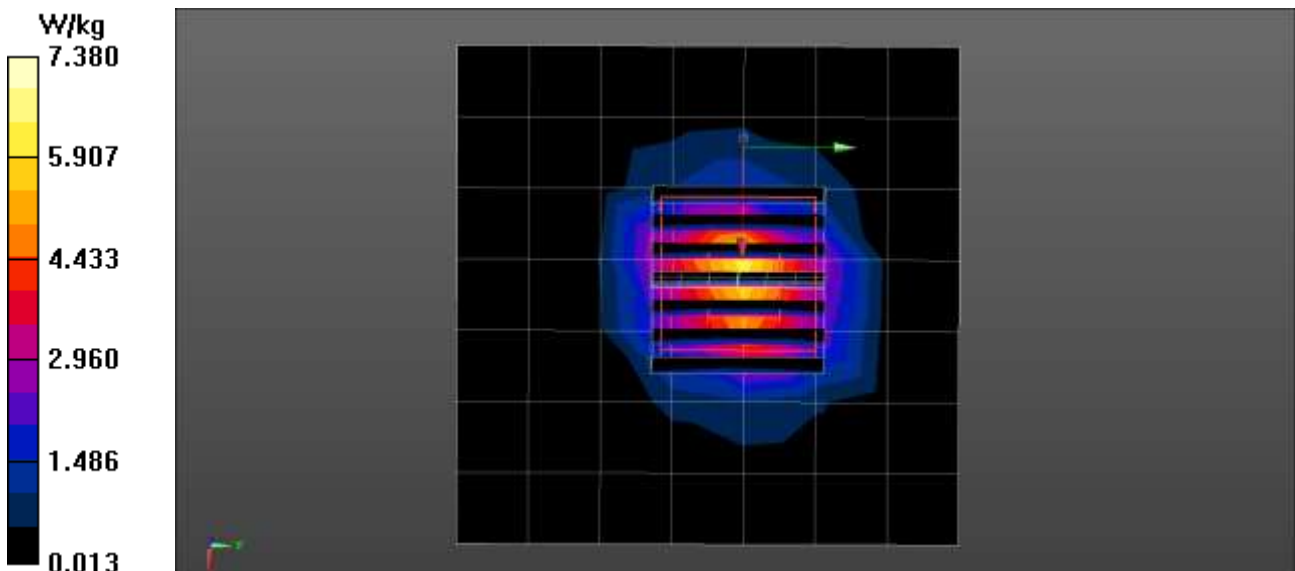
3900MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 50.53 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 10.2 W/kg

SAR(1 g) = 3.55 W/kg; SAR(10 g) = 1.25 W/kg

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



■ **Verification Data (5 250 MHz Head)**

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 21.4 °C
Test Date: 03/15/2023

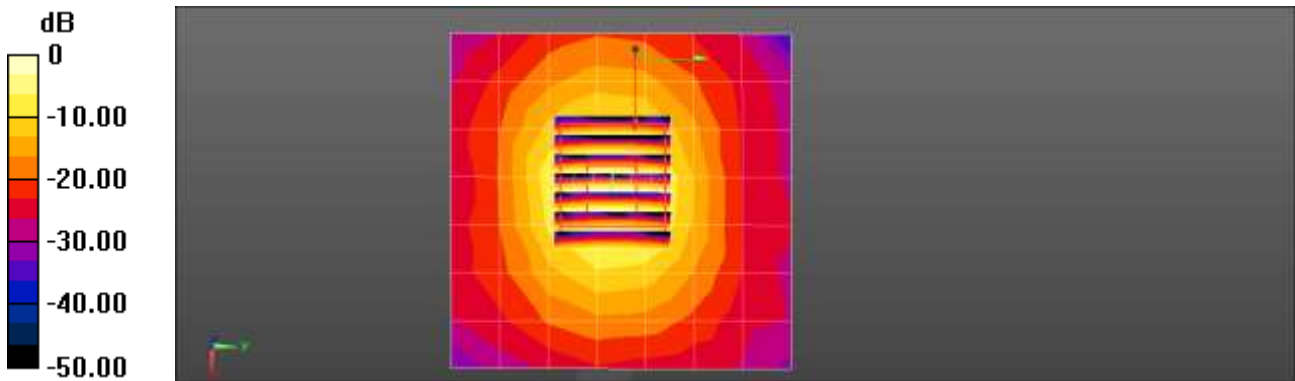
Communication System: UID 0, CW (0); Frequency: 5250 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 5250$ MHz; $\sigma = 4.684$ S/m; $\epsilon_r = 35.457$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(6.18, 6.18, 6.18) @ 5250 MHz; Calibrated: 2022-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1254; Calibrated: 2022-06-15
- Phantom: ELI V4.0 Left (20deg probe tilt); Type: QD OVA 001 Bx; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

5250MHz Head Verification/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 8.70 W/kg

5250MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 51.14 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 19.6 W/kg
SAR(1 g) = 4.26 W/kg; SAR(10 g) = 1.22 W/kg
Maximum value of SAR (measured) = 11.0 W/kg



0 dB = 11.0 W/kg = 10.41 dBW/kg

■ **Verification Data (5 250 MHz Head)**

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 21.4 °C
Test Date: 03/15/2023

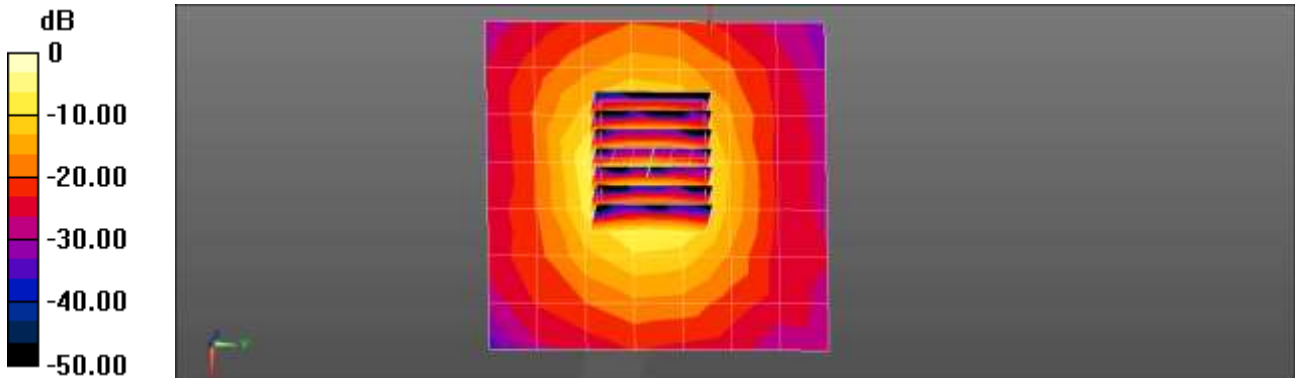
Communication System: UID 0, CW (0); Frequency: 5250 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 5250$ MHz; $\sigma = 4.69$ S/m; $\epsilon_r = 35.893$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(6.18, 6.18, 6.18) @ 5250 MHz; Calibrated: 2022-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1254; Calibrated: 2022-06-15
- Phantom: ELI V4.0 Left (20deg probe tilt); Type: QD OVA 001 Bx; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

5250MHz Head Verification/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 8.60 W/kg

5250MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 50.61 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 19.1 W/kg
SAR(1 g) = 4.25 W/kg; SAR(10 g) = 1.22 W/kg
Maximum value of SAR (measured) = 10.8 W/kg



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

■ **Verification Data (5 250 MHz Head)**

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 21.0 °C
 Test Date: 03/21/2023

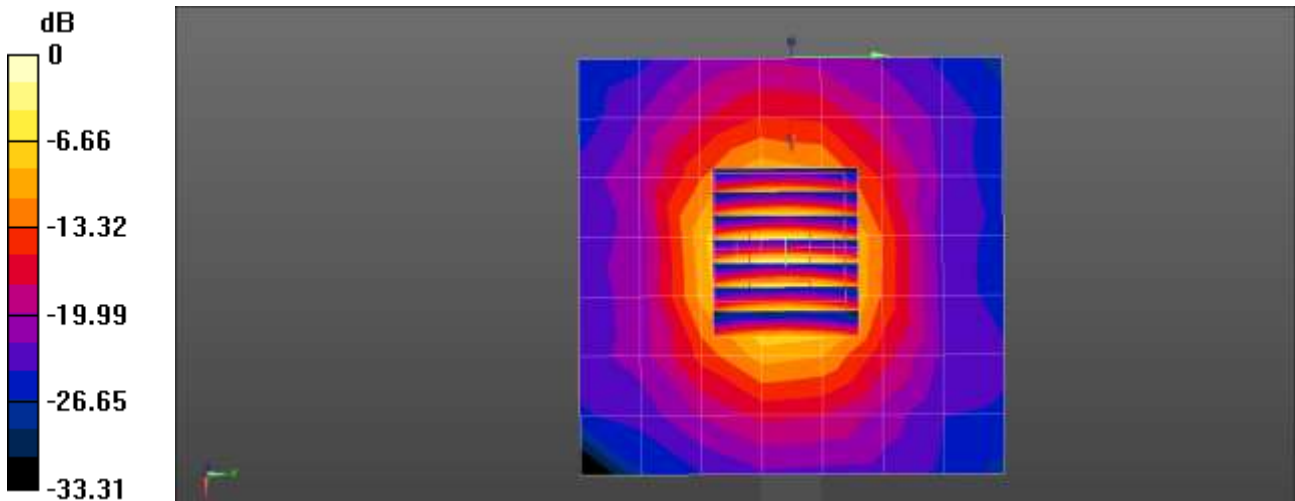
Communication System: UID 0, CW (0); Frequency: 5250 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5250$ MHz; $\sigma = 4.698$ S/m; $\epsilon_r = 36.102$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(6.18, 6.18, 6.18) @ 5250 MHz; Calibrated: 2022-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1254; Calibrated: 2022-06-15
- Phantom: ELI V4.0 Left-Left(20deg probe tilt); Type: QD OVA 001 Bx; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

5250MHz Head Verification/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 6.38 W/kg

5250MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
 Reference Value = 50.42 V/m; Power Drift = -0.09 dB
 Peak SAR (extrapolated) = 15.1 W/kg
SAR(1 g) = 4.31 W/kg; SAR(10 g) = 1.27 W/kg
 Smallest distance from peaks to all points 3 dB below = 6.9 mm
 Ratio of SAR at M2 to SAR at M1 = 70.2%
 Maximum value of SAR (measured) = 10.3 W/kg



0 dB = 10.3 W/kg = 10.13 dBW/kg

■ **Verification Data (5 600 MHz Head)**

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 20.7 °C
Test Date: 03/16/2023

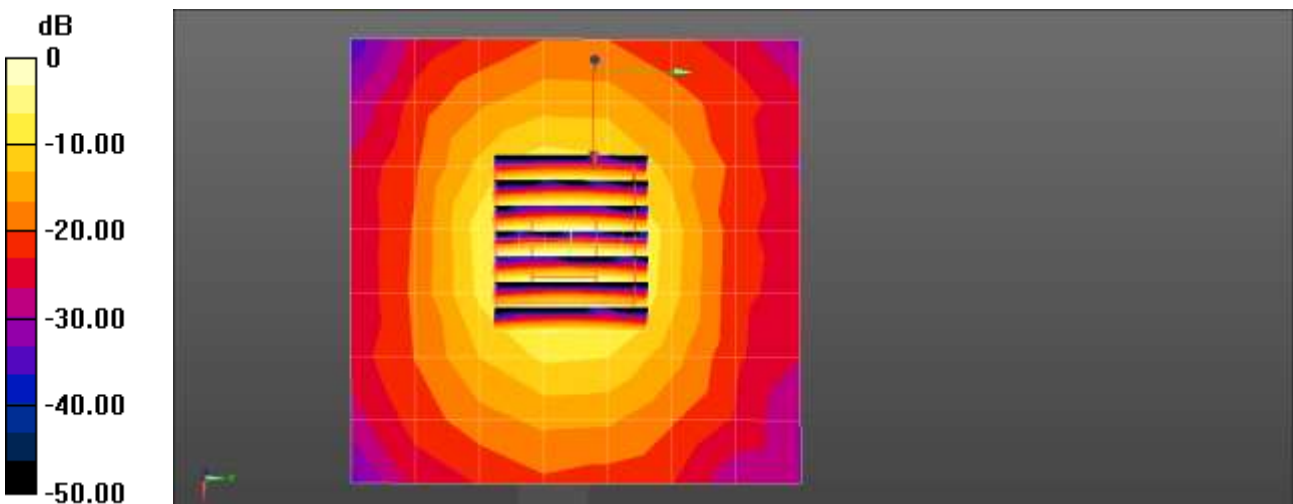
Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5600$ MHz; $\sigma = 4.964$ S/m; $\epsilon_r = 34.907$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(5.43, 5.43, 5.43) @ 5600 MHz; Calibrated: 2022-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1254; Calibrated: 2022-06-15
- Phantom: ELI V4.0 Left (20deg probe tilt); Type: QD OVA 001 Bx; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

5600MHz Head Verification/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 7.32 W/kg

5600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 49.05 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 18.7 W/kg
SAR(1 g) = 3.88 W/kg; SAR(10 g) = 1.13 W/kg
Maximum value of SAR (measured) = 10.0 W/kg



0 dB = 10.0 W/kg = 10.00 dBW/kg

■ **Verification Data (5 600 MHz Head)**

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 20.7 °C
Test Date: 03/16/2023

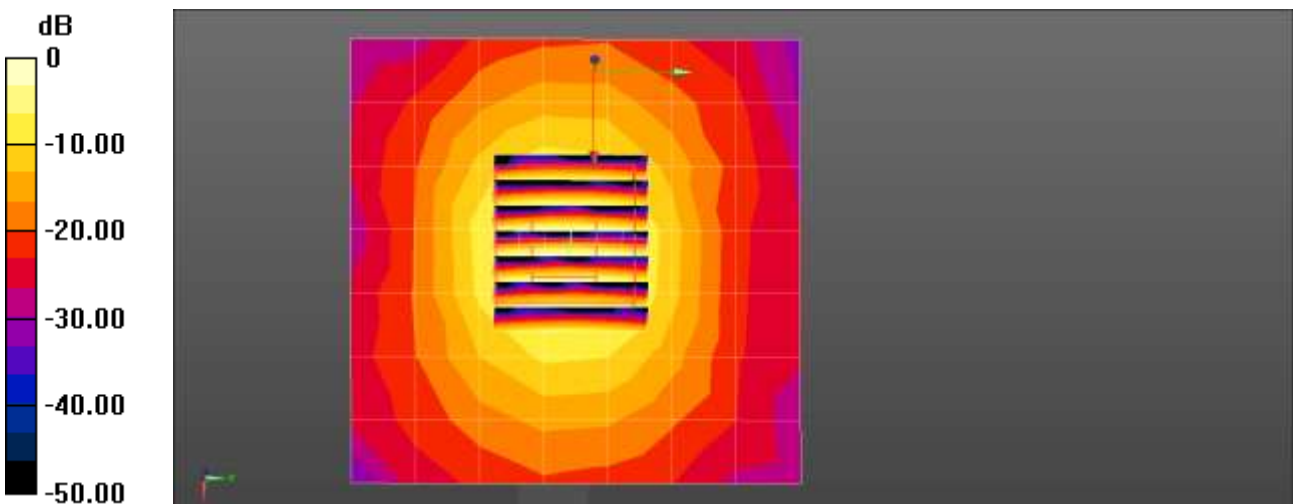
Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5600$ MHz; $\sigma = 4.978$ S/m; $\epsilon_r = 34.875$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(5.43, 5.43, 5.43) @ 5600 MHz; Calibrated: 2022-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1254; Calibrated: 2022-06-15
- Phantom: ELI V4.0 Left (20deg probe tilt); Type: QD OVA 001 Bx; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

5600MHz Head Verification/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 7.31 W/kg

5600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 48.68 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 18.9 W/kg
SAR(1 g) = 3.86 W/kg; SAR(10 g) = 1.13 W/kg
Maximum value of SAR (measured) = 10.1 W/kg



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

■ **Verification Data (5 600 Mhz Head)**

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 21.0 °C
Test Date: 03/21/2023

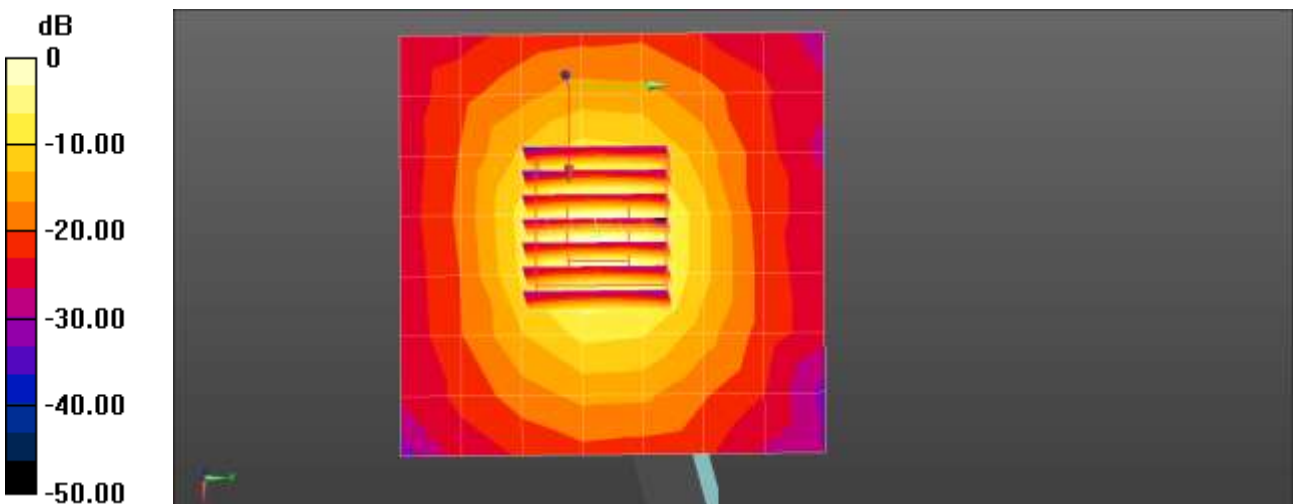
Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5600$ MHz; $\sigma = 5$ S/m; $\epsilon_r = 35.809$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(5.43, 5.43, 5.43) @ 5600 MHz; Calibrated: 2022-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1254; Calibrated: 2022-06-15
- Phantom: ELI V4.0 Left-Left(20deg probe tilt); Type: QD OVA 001 Bx; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

5600MHz Head Verification/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 7.16 W/kg

5600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 48.61 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 16.5 W/kg
SAR(1 g) = 4.23 W/kg; SAR(10 g) = 1.28 W/kg
Maximum value of SAR (measured) = 10.2 W/kg



0 dB = 10.2 W/kg = 10.09 dBW/kg

■ **Verification Data (5 750 MHz Head)**

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 21.1 °C
Test Date: 03/17/2023

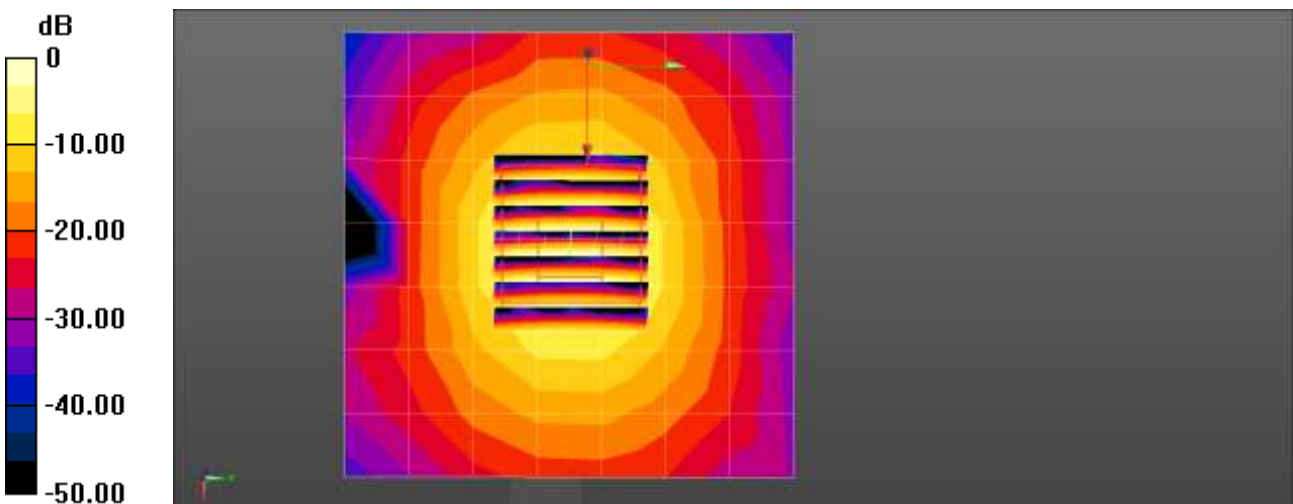
Communication System: UID 0, CW (0); Frequency: 5750 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 5750$ MHz; $\sigma = 5.252$ S/m; $\epsilon_r = 34.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(5.4, 5.4, 5.4) @ 5750 MHz; Calibrated: 2022-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1254; Calibrated: 2022-06-15
- Phantom: ELI V4.0 Left (20deg probe tilt); Type: QD OVA 001 Bx; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

5750MHz Head Verification/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 6.35 W/kg

5750MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 49.95 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 19.9 W/kg
SAR(1 g) = 4.06 W/kg; SAR(10 g) = 1.16 W/kg
Maximum value of SAR (measured) = 10.7 W/kg



0 dB = 10.7 W/kg = 10.29 dBW/kg

■ **Verification Data (5 750 MHz Head)**

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 21.1 °C
Test Date: 03/17/2023

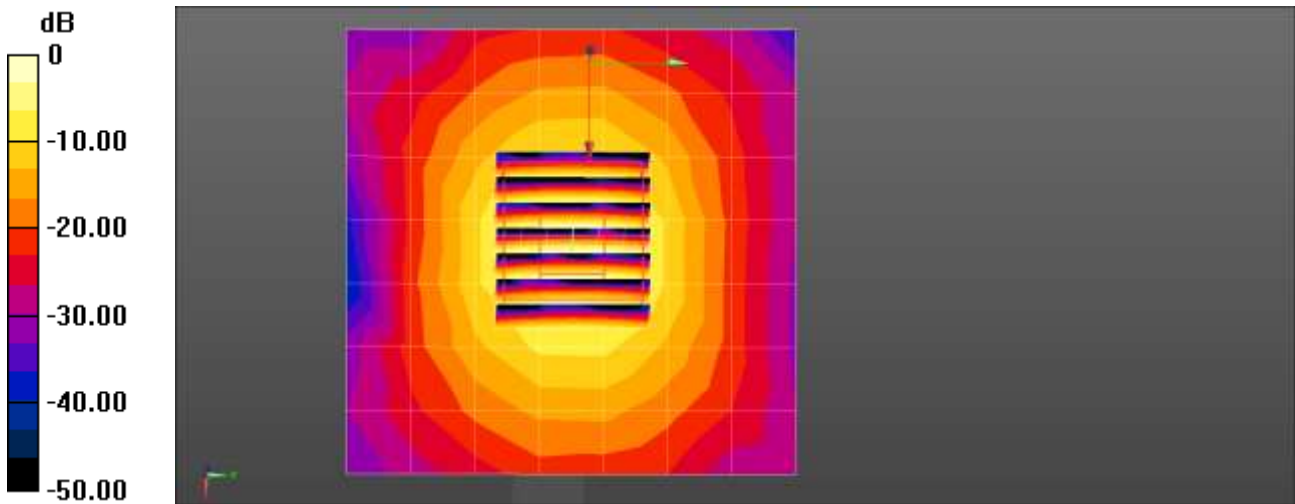
Communication System: UID 0, CW (0); Frequency: 5750 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 5750$ MHz; $\sigma = 5.253$ S/m; $\epsilon_r = 34.699$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(5.4, 5.4, 5.4) @ 5750 MHz; Calibrated: 2022-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1254; Calibrated: 2022-06-15
- Phantom: ELI V4.0 Left (20deg probe tilt); Type: QD OVA 001 Bx; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

5750MHz Head Verification/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 6.46 W/kg

5750MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 50.47 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 20.5 W/kg
SAR(1 g) = 4.1 W/kg; SAR(10 g) = 1.18 W/kg
Maximum value of SAR (measured) = 10.9 W/kg



0 dB = 10.9 W/kg = 10.37 dBW/kg

■ **Verification Data (5 750 MHz Head)**

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 21.1 °C
Test Date: 03/17/2023

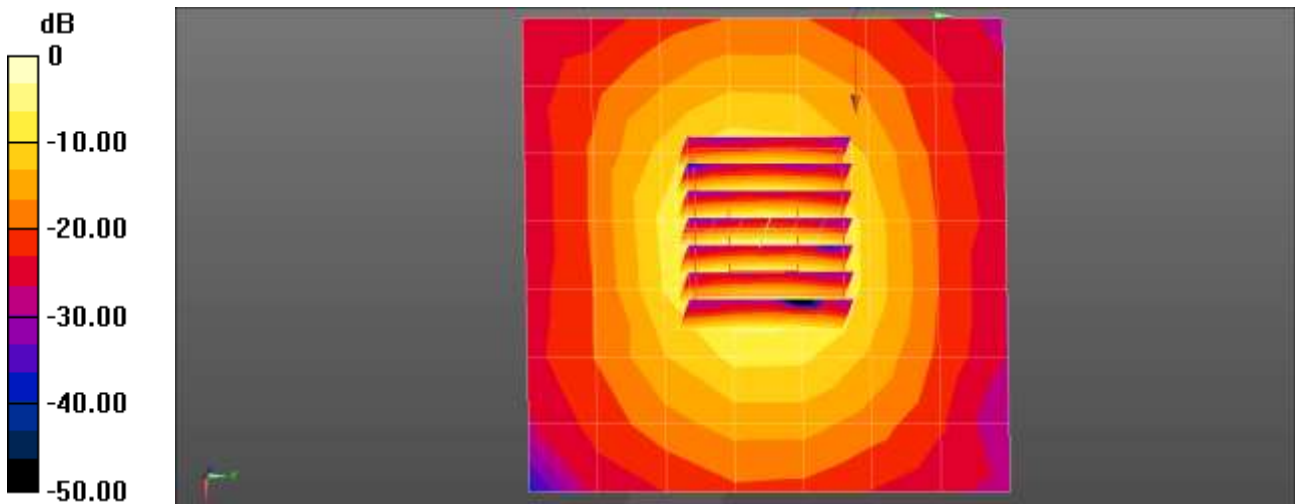
Communication System: UID 0, CW (0); Frequency: 5750 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 5750$ MHz; $\sigma = 5.208$ S/m; $\epsilon_r = 35.616$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(5.4, 5.4, 5.4) @ 5750 MHz; Calibrated: 2022-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1254; Calibrated: 2022-06-15
- Phantom: ELI V4.0 Left-Left(20deg probe tilt); Type: QD OVA 001 Bx; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

5750MHz Head Verification/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 6.69 W/kg

5750MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 46.93 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 15.9 W/kg
SAR(1 g) = 3.98 W/kg; SAR(10 g) = 1.21 W/kg
Maximum value of SAR (measured) = 9.73 W/kg



0 dB = 9.73 W/kg = 9.88 dBW/kg

■ **Verification Data (5 800 MHz Head)**

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 20.4 °C
Test Date: 03/20/2023

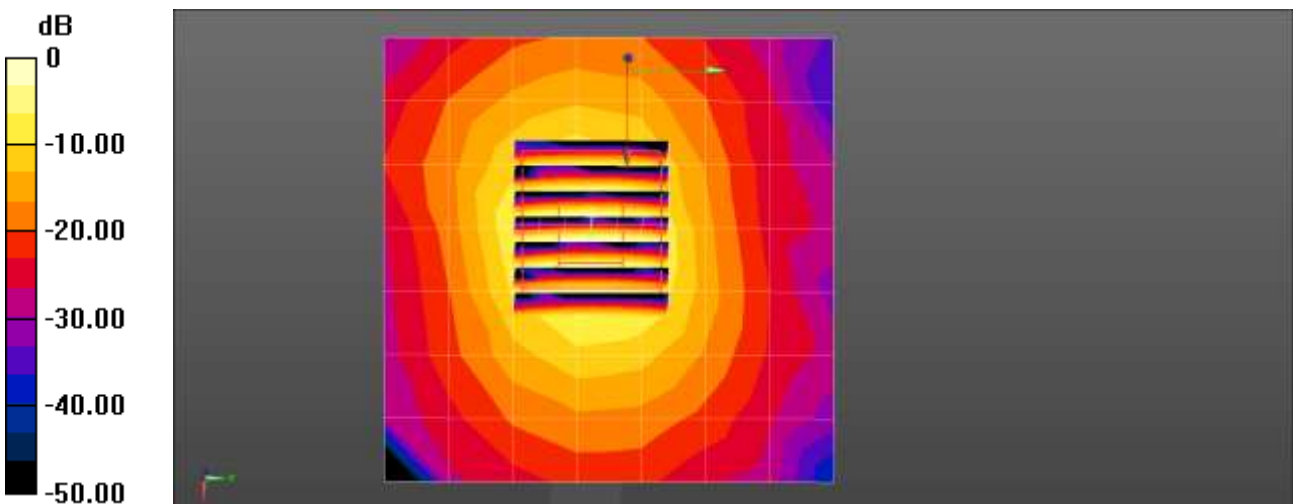
Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5800$ MHz; $\sigma = 5.246$ S/m; $\epsilon_r = 34.792$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(5.35, 5.35, 5.35) @ 5800 MHz; Calibrated: 2022-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1254; Calibrated: 2022-06-15
- Phantom: ELI V4.0 Left (20deg probe tilt); Type: QD OVA 001 Bx; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

5800MHz Head Verification/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 9.33 W/kg

5800MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 44.25 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 18.3 W/kg
SAR(1 g) = 3.93 W/kg; SAR(10 g) = 1.1 W/kg
Maximum value of SAR (measured) = 10.5 W/kg



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

■ **Verification Data (5 800 MHz Head)**

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 20.4 °C
Test Date: 03/20/2023

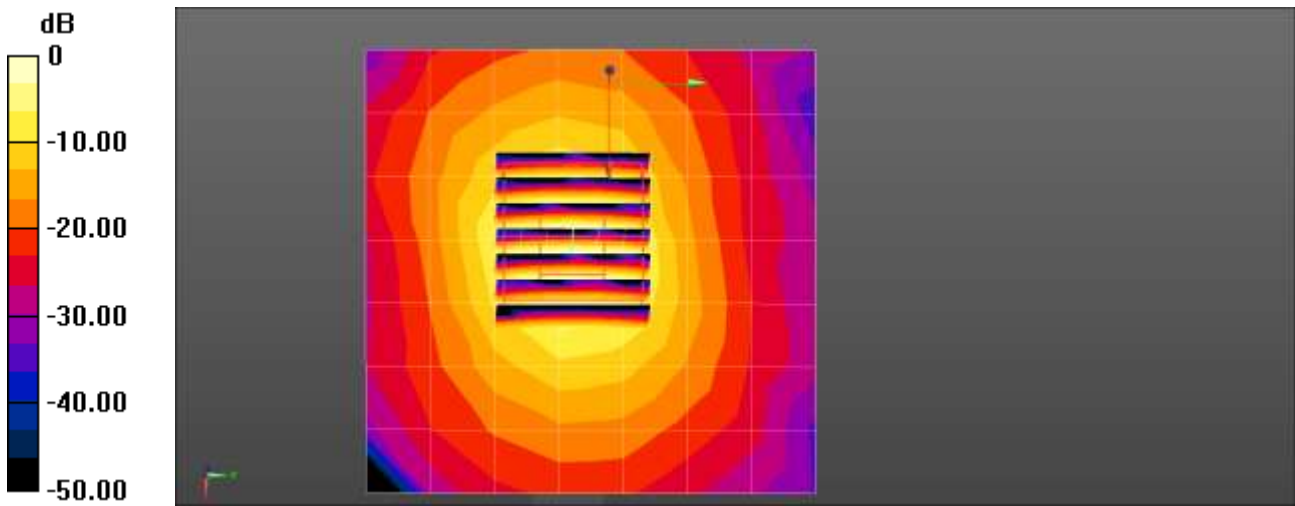
Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5800$ MHz; $\sigma = 5.24$ S/m; $\epsilon_r = 34.727$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(5.35, 5.35, 5.35) @ 5800 MHz; Calibrated: 2022-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1254; Calibrated: 2022-06-15
- Phantom: ELI V4.0 Left (20deg probe tilt); Type: QD OVA 001 Bx; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

5800MHz Head Verification/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 9.31 W/kg

5800MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 44.43 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 18.4 W/kg
SAR(1 g) = 3.94 W/kg; SAR(10 g) = 1.1 W/kg
Maximum value of SAR (measured) = 10.5 W/kg



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

■ **Verification Data (5 800 MHz Head)**

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 21.0 °C
Test Date: 03/21/2023

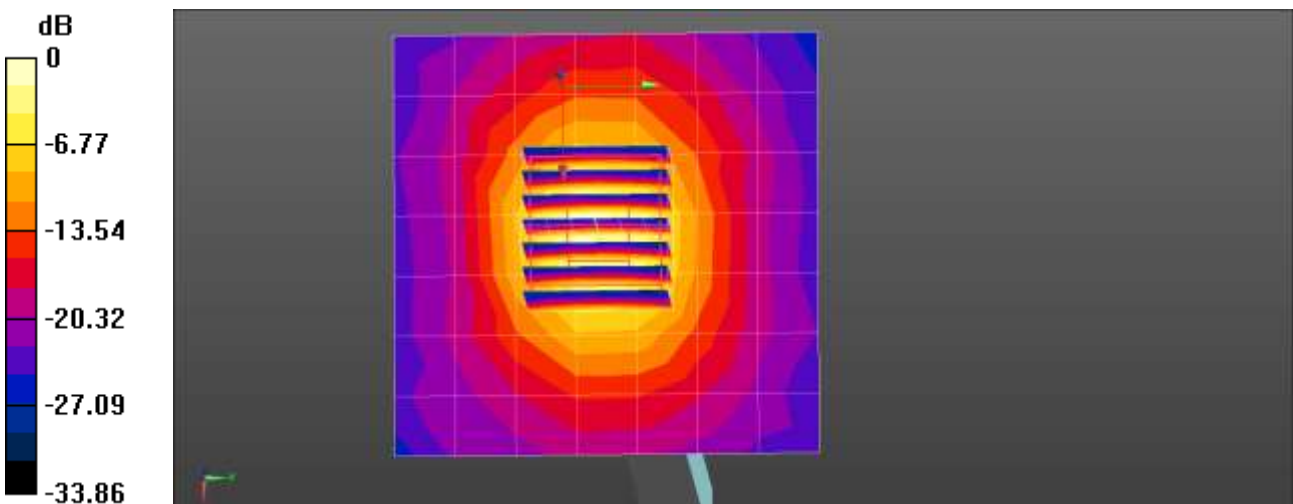
Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5800$ MHz; $\sigma = 5.178$ S/m; $\epsilon_r = 35.622$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(5.35, 5.35, 5.35) @ 5800 MHz; Calibrated: 2022-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1254; Calibrated: 2022-06-15
- Phantom: ELI V4.0 Left-Left(20deg probe tilt); Type: QD OVA 001 Bx; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

5800MHz Head Verification/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 7.01 W/kg

5800MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 48.45 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 16.9 W/kg
SAR(1 g) = 4.16 W/kg; SAR(10 g) = 1.25 W/kg
Maximum value of SAR (measured) = 10.2 W/kg



0 dB = 10.2 W/kg = 10.09 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		1 750		1 900		2 450 – 2 700		3500 - 5 800	
Tissue Type	Head	Body	Head	Body	Head	Body	Head	Body	Head	Body	Head	Body
Water	41.1	51.7	40.45	53.06	52.6	68.8	54.9	70.17	71.88	73.2	65.52	78.66
Salt (NaCl)	1.4	0.9	1.45	0.94	0.4	0.2	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	0.0	0.0
HEC	0.2	0	1.0	1.0	0.0	0.0	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	0.0	0.0
Triton X-100	0.0	0.0	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	47	31	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 Tissue Characterization

Per FCC KCB 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.

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
3768	EX3DV4	Head	835	441	2022-07-25	41.3	0.93	PASS	PASS	PASS	N/A	N/A	N/A
3768	EX3DV4	Head	1800	2d007	2022-07-25	40.4	1.37	PASS	PASS	PASS	N/A	N/A	N/A
3768	EX3DV4	Head	1900	5d061	2023-02-06	40.1	1.42	PASS	PASS	PASS	N/A	N/A	N/A
3768	EX3DV4	Head	2300	1010	2022-09-05	39.3	1.67	PASS	PASS	PASS	N/A	N/A	N/A
3768	EX3DV4	Head	2600	1015	2022-07-25	39.1	1.83	PASS	PASS	PASS	NA	N/A	NA
3768	EX3DV4	Head	2600	1015	2022-07-25	39.1	1.83	PASS	PASS	PASS	TDD	PASS	NA
3768	EX3DV4	Head	3500	1040	2023-02-06	37.8	2.89	PASS	PASS	PASS	TDD	PASS	NA
3768	EX3DV4	Head	3700	1105	2022-12-05	37.9	3.21	PASS	PASS	PASS	TDD	PASS	NA
7370	EX3DV4	Head	3500	1040	2023-02-07	38.1	2.89	PASS	PASS	PASS	TDD	PASS	NA
7370	EX3DV4	Head	3700	1105	2022-11-21	37.4	3.09	PASS	PASS	PASS	TDD	PASS	NA
7370	EX3DV4	Head	835	441	2022-08-24	41.5	0.89	PASS	PASS	PASS	N/A	N/A	N/A
7370	EX3DV4	Head	1800	2d007	2022-08-24	40.1	1.41	PASS	PASS	PASS	N/A	N/A	N/A
7370	EX3DV4	Head	1900	5d061	2023-02-06	40.3	1.41	PASS	PASS	PASS	N/A	N/A	N/A
7370	EX3DV4	Head	750	1014	2022-08-24	41.8	0.89	PASS	PASS	PASS	N/A	N/A	N/A
7370	EX3DV4	Head	835	441	2022-08-24	41.5	0.89	PASS	PASS	PASS	N/A	N/A	N/A
7370	EX3DV4	Head	2600	1015	2022-08-24	39.1	1.94	PASS	PASS	PASS	TDD	PASS	NA
7370	EX3DV4	Head	3500	1040	2023-02-06	37.9	2.93	PASS	PASS	PASS	TDD	PASS	NA
7370	EX3DV4	Head	3700	1105	2022-11-21	37.5	3.13	PASS	PASS	PASS	TDD	PASS	NA
7370	EX3DV4	Head	3900	1019	2022-08-24	37.2	3.31	PASS	PASS	PASS	TDD	PASS	NA
7654	EX3DV4	Head	2450	743	2022-06-28	39.2	1.83	PASS	PASS	PASS	OFDM	N/A	PASS
7654	EX3DV4	Head	5250	1253	2022-08-04	35.7	4.70	PASS	PASS	PASS	OFDM	N/A	PASS
7654	EX3DV4	Head	5600	1253	2022-08-04	35.3	5.05	PASS	PASS	PASS	OFDM	N/A	PASS
7654	EX3DV4	Head	5750	1253	2022-08-04	35.6	5.24	PASS	PASS	PASS	OFDM	N/A	PASS
7654	EX3DV4	Head	5800	1107	2022-08-04	35.6	5.24	PASS	PASS	PASS	OFDM	N/A	PASS
7654	EX3DV4	Head	750	1014	2022-06-08	41.8	0.89	PASS	PASS	PASS	N/A	N/A	N/A
7654	EX3DV4	Head	1800	2d007	2022-07-25	40.1	1.41	PASS	PASS	PASS	N/A	N/A	N/A
7654	EX3DV4	Head	1900	5d061	2023-02-06	40.2	1.44	PASS	PASS	PASS	N/A	N/A	N/A
7654	EX3DV4	Head	2300	1010	2022-08-29	39.2	1.65	PASS	PASS	PASS	N/A	N/A	N/A
7654	EX3DV4	Head	3500	1040	2023-02-06	38.0	2.91	PASS	PASS	PASS	TDD	PASS	NA
7654	EX3DV4	Head	3700	1105	2022-11-21	37.5	3.13	PASS	PASS	PASS	TDD	PASS	NA

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
7680	EX3DV4	Head	2450	743	2022-10-05	39.2	1.83	PASS	PASS	PASS	OFDM	N/A	PASS
7680	EX3DV4	Head	2600	1015	2022-10-05	39.1	1.94	PASS	PASS	PASS	TDD	PASS	NA
7681	EX3DV4	Head	750	1014	2022-11-28	41.8	0.89	PASS	PASS	PASS	N/A	N/A	N/A
7681	EX3DV4	Head	835	441	2022-11-28	41.5	0.89	PASS	PASS	PASS	N/A	N/A	N/A
7681	EX3DV4	Head	1800	2d007	2022-11-28	40.1	1.41	PASS	PASS	PASS	N/A	N/A	N/A
7681	EX3DV4	Head	1900	5d061	2023-02-06	40.2	1.41	PASS	PASS	PASS	N/A	N/A	N/A
7681	EX3DV4	Head	2600	1015	2022-11-28	39.1	1.94	PASS	PASS	PASS	NA	N/A	NA

SAR System Validation Summary 1g

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.