

Appendix A. – SAR Test Plots

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 20.5 °C
Liquid Temperature: 20.4 °C
Test Date: 02/23/2024
Plot No.: A1

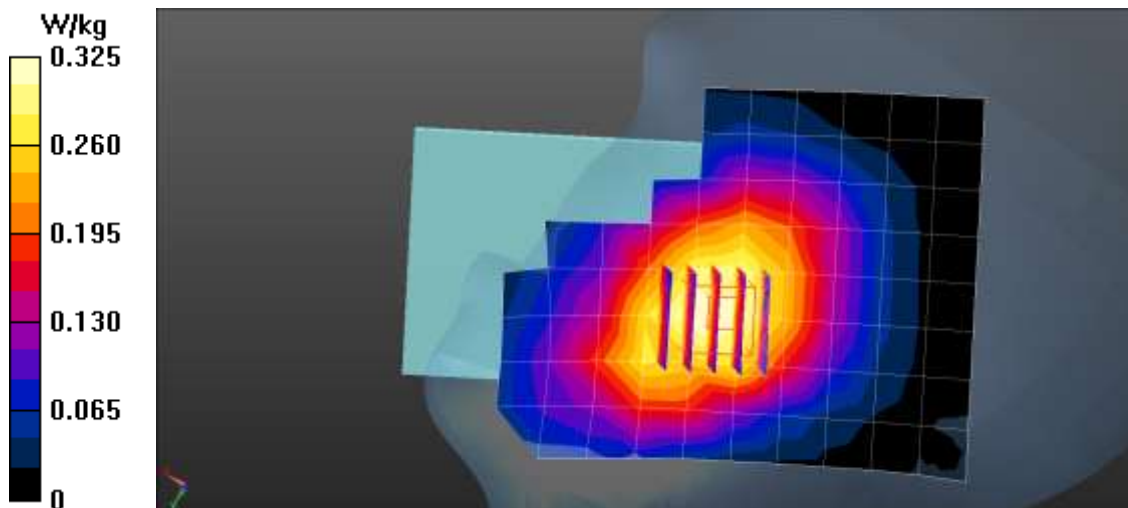
Communication System: UID 0, GSM850 GPRS 4TX (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.07491
Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.934$ S/m; $\epsilon_r = 41.191$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7681; ConvF(9.17, 9.37, 9.66) @ 836.6 MHz; Calibrated: 2023-11-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2023-04-25
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

GSM850 Head Right Touch 4Tx 190ch/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.330 W/kg

GSM850 Head Right Touch 4Tx 190ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.638 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.333 W/kg
SAR(1 g) = 0.296 W/kg; SAR(10 g) = 0.236 W/kg
Maximum value of SAR (measured) = 0.325 W/kg



Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 21.1 °C
Liquid Temperature: 20.9 °C
Test Date: 02/24/2024
Plot No.: A2

Communication System: UID 0, GSM 1900 4TX (0); Frequency: 1850.2 MHz; Duty Cycle: 1:2.07491
Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.348$ S/m; $\epsilon_r = 39.256$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7681; ConvF(7.94, 8.33, 8.49) @ 1850.2 MHz; Calibrated: 2023-11-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2023-04-25
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

GSM1900 Head Left Touch 4Tx 512ch/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.193 W/kg

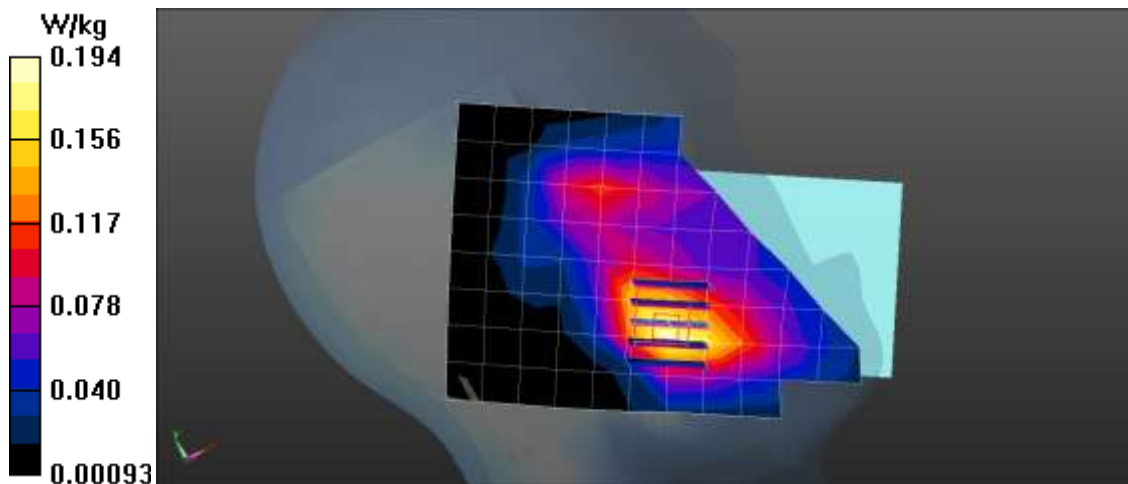
GSM1900 Head Left Touch 4Tx 512ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.338 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.216 W/kg

SAR(1 g) = 0.151 W/kg; SAR(10 g) = 0.096 W/kg

Maximum value of SAR (measured) = 0.194 W/kg



Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 19.9 °C
Liquid Temperature: 19.8 °C
Test Date: 02/20/2024
Plot No.: A3

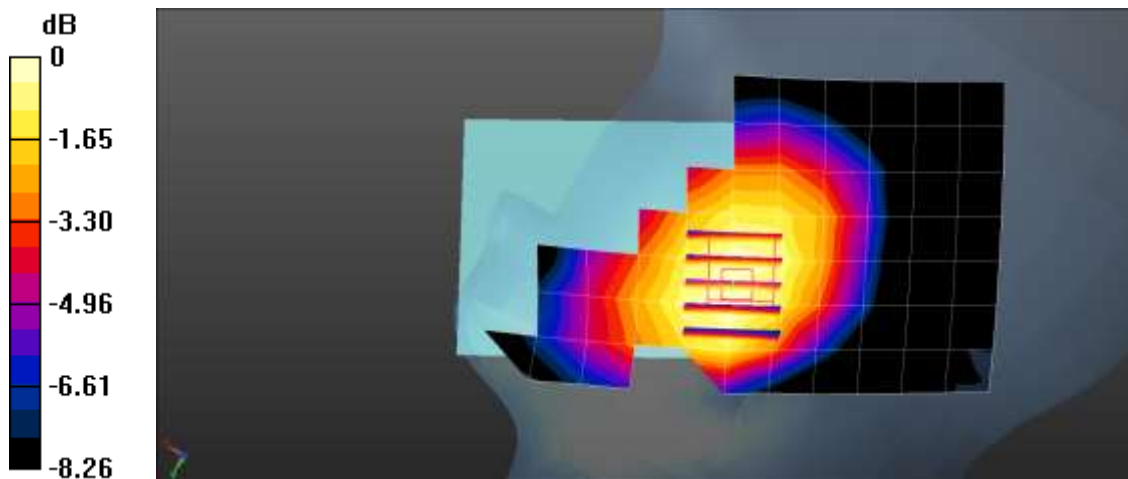
Communication System: UID 0, WCDMA850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.924$ S/m; $\epsilon_r = 41.397$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7681; ConvF(9.17, 9.37, 9.66) @ 836.6 MHz; Calibrated: 2023-11-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2023-04-25
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

UMTS Band 5 Head Right Touch 4183ch/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.237 W/kg

UMTS Band 5 Head Right Touch 4183ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.802 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.245 W/kg
SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.169 W/kg
Maximum value of SAR (measured) = 0.236 W/kg



Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 19.6 °C
Liquid Temperature: 19.4 °C
Test Date: 02/21/2024
Plot No.: A4

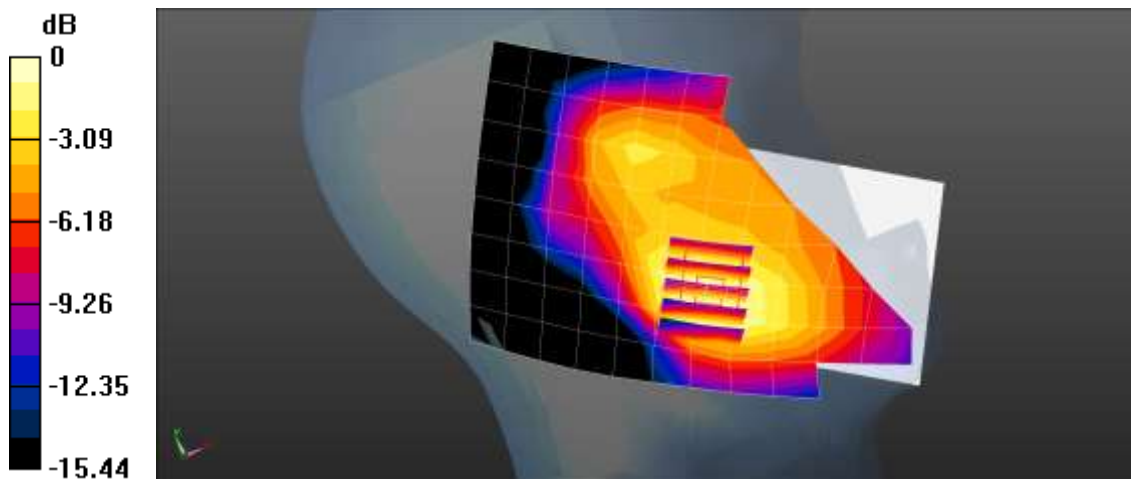
Communication System: UID 0, WCDMA IV (0); Frequency: 1732.4 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1732.4$ MHz; $\sigma = 1.354$ S/m; $\epsilon_r = 41.456$; $\rho = 1000$ kg/m³
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7681; ConvF(8.29, 8.71, 8.9) @ 1732.4 MHz; Calibrated: 2023-11-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2023-04-25
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

UMTS Band 4 Head Left Touch 1412ch/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.129 W/kg

UMTS Band 4 Head Left Touch 1412ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 2.570 V/m; Power Drift = 0.09 dB
 Peak SAR (extrapolated) = 0.172 W/kg
SAR(1 g) = 0.116 W/kg; SAR(10 g) = 0.076 W/kg
 Maximum value of SAR (measured) = 0.152 W/kg



0 dB = 0.152 W/kg = -8.18 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 22.0 °C
Liquid Temperature: 21.9 °C
Test Date: 02/22/2024
Plot No.: A5

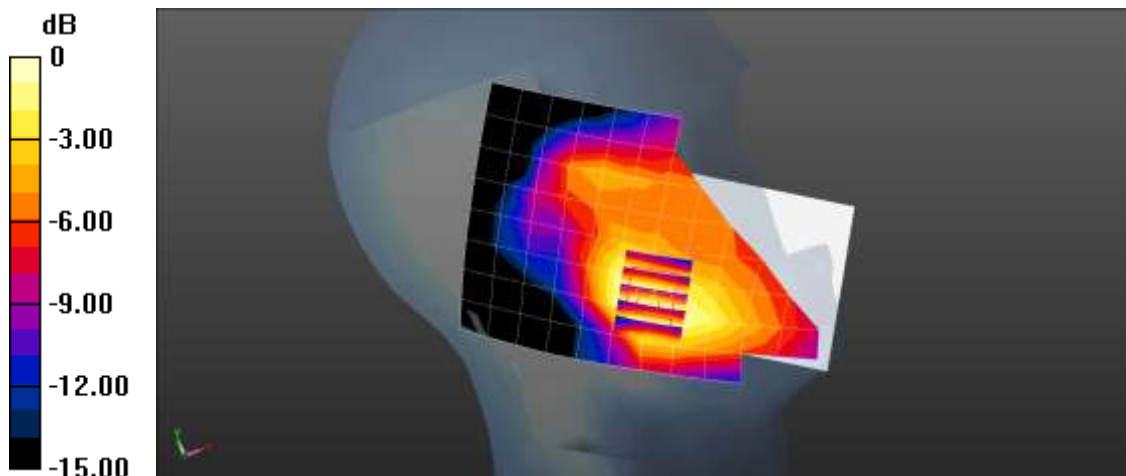
Communication System: UID 0, WCDMA1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.384$ S/m; $\epsilon_r = 38.986$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7681; ConvF(7.94, 8.33, 8.49) @ 1880 MHz; Calibrated: 2023-11-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2023-04-25
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

UMTS Band 2 Head Left Touch 9400ch/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.260 W/kg

UMTS Band 2 Head Left Touch 9400ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.300 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.283 W/kg
SAR(1 g) = 0.191 W/kg; SAR(10 g) = 0.124 W/kg
Maximum value of SAR (measured) = 0.246 W/kg



0 dB = 0.246 W/kg = -6.09 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 20.6 °C
Liquid Temperature: 20.3 °C
Test Date: 03/06/2024
Plot No.: A6

Communication System: UID 0, LTE Band2 (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1900$ MHz; $\sigma = 1.392$ S/m; $\epsilon_r = 38.953$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

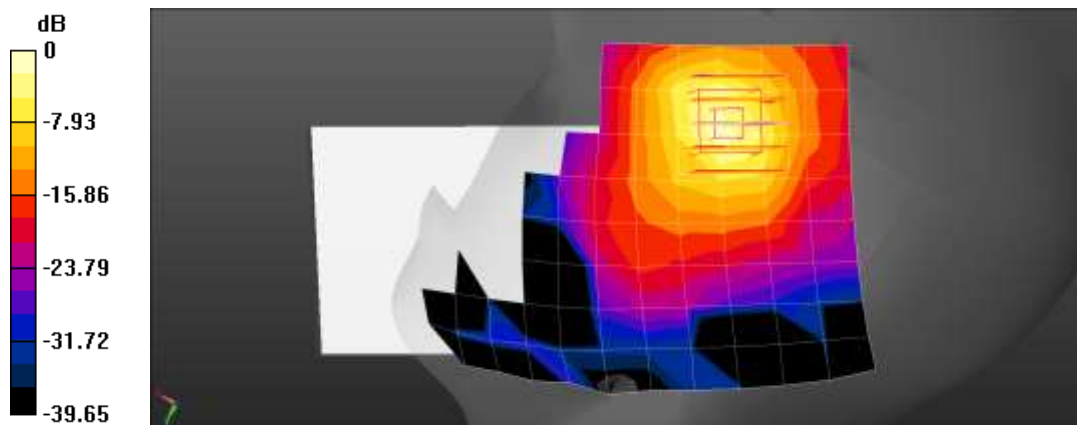
- Probe: EX3DV4 - SN7732; ConvF(8.62, 8.62, 8.62) @ 1900 MHz; Calibrated: 2023-06-20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn504; Calibrated: 2024-01-30
- Phantom: Twin-SAM V4.0 (20deg probe tilt)_Left-Right; Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 2 Head Right Touch QPSK 20MHz 1RB Offset 19100ch/Area Scan (9x14x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.666 W/kg

LTE Band 2 Head Right Touch QPSK 20MHz 1RB Offset 19100ch/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.183 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.958 W/kg
SAR(1 g) = 0.468 W/kg; SAR(10 g) = 0.205 W/kg
Maximum value of SAR (measured) = 0.825 W/kg



0 dB = 0.825 W/kg = -0.84 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 20.1 °C
Liquid Temperature: 20.0 °C
Test Date: 03/18/2024
Plot No.: A7

Communication System: UID 0, LTE 12 (0); Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.869$ S/m; $\epsilon_r = 43.682$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

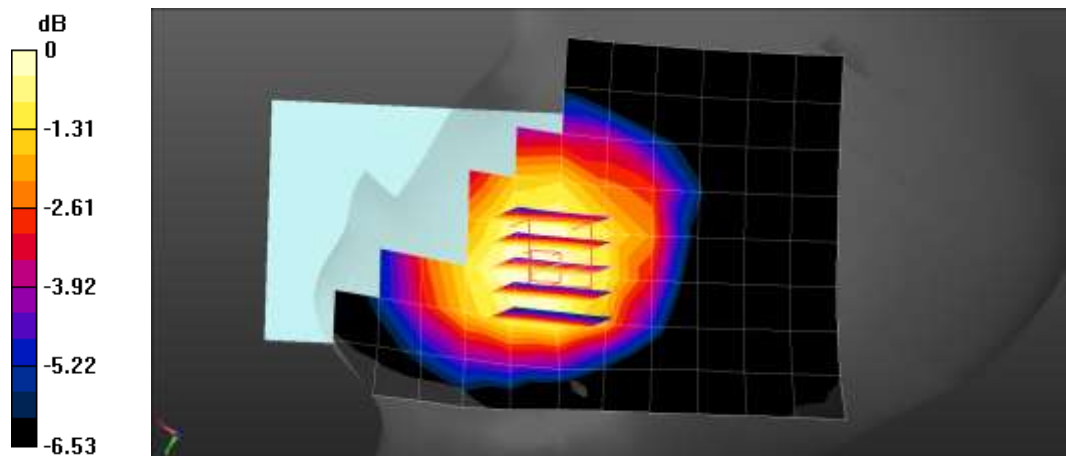
- Probe: EX3DV4 - SN7702; ConvF(9.65, 10.07, 8.84) @ 707.5 MHz; Calibrated: 2024-01-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1720; Calibrated: 2023-04-24
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

LTE Band 12 Head Right Touch QPSK 10MHz 1RB 0offset 23095ch/Area Scan (9x14x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.138 W/kg

LTE Band 12 Head Right Touch QPSK 10MHz 1RB 0offset 23095ch/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.238 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.141 W/kg
SAR(1 g) = 0.124 W/kg; SAR(10 g) = 0.103 W/kg
Maximum value of SAR (measured) = 0.135 W/kg



0 dB = 0.135 W/kg = -8.70 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 19.9 °C
Liquid Temperature: 19.8 °C
Test Date: 03/19/2024
Plot No.: A8

Communication System: UID 0, LTE 26 (0); Frequency: 831.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 831.5$ MHz; $\sigma = 0.928$ S/m; $\epsilon_r = 40.725$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

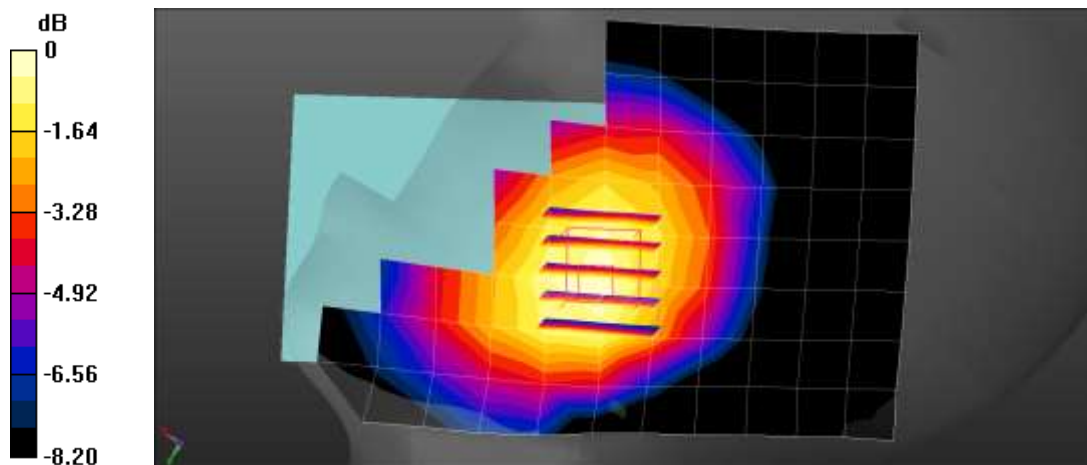
- Probe: EX3DV4 - SN7702; ConvF(9.78, 10.51, 9.13) @ 831.5 MHz; Calibrated: 2024-01-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1720; Calibrated: 2023-04-24
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

LTE Band 26 Head Right Touch QPSK 15MHz 1RB 0offset 23095ch/Area Scan (9x14x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.181 W/kg

LTE Band 26 Head Right Touch QPSK 15MHz 1RB 0offset 23095ch/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.296 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.194 W/kg
SAR(1 g) = 0.160 W/kg; SAR(10 g) = 0.123 W/kg
Maximum value of SAR (measured) = 0.183 W/kg



0 dB = 0.183 W/kg = -7.38 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 21.1 °C
Liquid Temperature: 21.0 °C
Test Date: 02/13/2024
Plot No.: A9

Communication System: UID 0, LTE Band41 (0); Frequency: 2593 MHz; Duty Cycle: 1:1.58052
Medium parameters used (interpolated): $f = 2593$ MHz; $\sigma = 2.027$ S/m; $\epsilon_r = 37.853$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

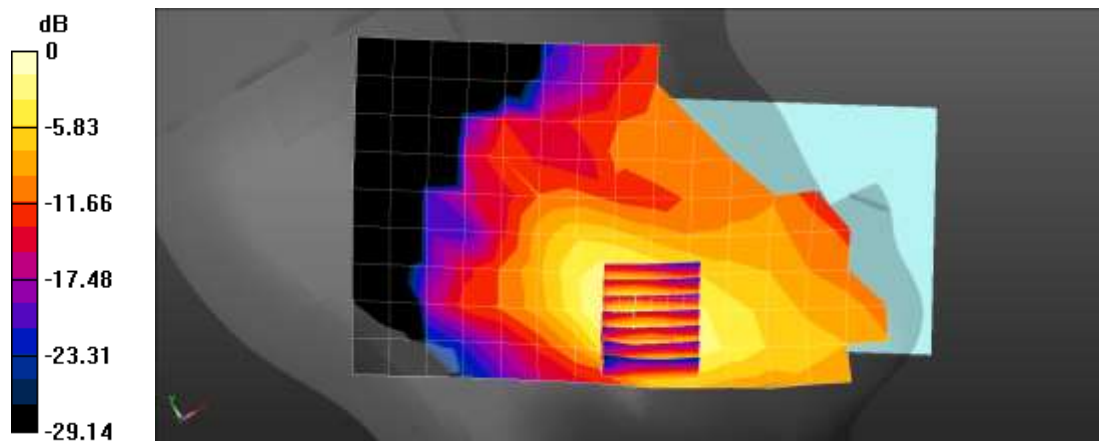
- Probe: EX3DV4 - SN7622; ConvF(7.89, 7.52, 7.77) @ 2593 MHz; Calibrated: 2023-11-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1629; Calibrated: 2023-08-21
- Phantom: Twin-SAM V4.0 Right; Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 41 Head Left Touch QPSK 20MHz 1RB 49offset 40620ch/Area Scan (10x17x1):

Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.285 W/kg

LTE Band 41 Head Left Touch QPSK 20MHz 1RB 49offset 40620ch/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.705 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.408 W/kg
SAR(1 g) = 0.223 W/kg; SAR(10 g) = 0.113 W/kg
Maximum value of SAR (measured) = 0.339 W/kg



0 dB = 0.339 W/kg = -4.70 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 19.9 °C
Liquid Temperature: 19.8 °C
Test Date: 03/11/2024
Plot No.: A11

Communication System: UID 0, NR Band 5 (0); Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.927$ S/m; $\epsilon_r = 42.421$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

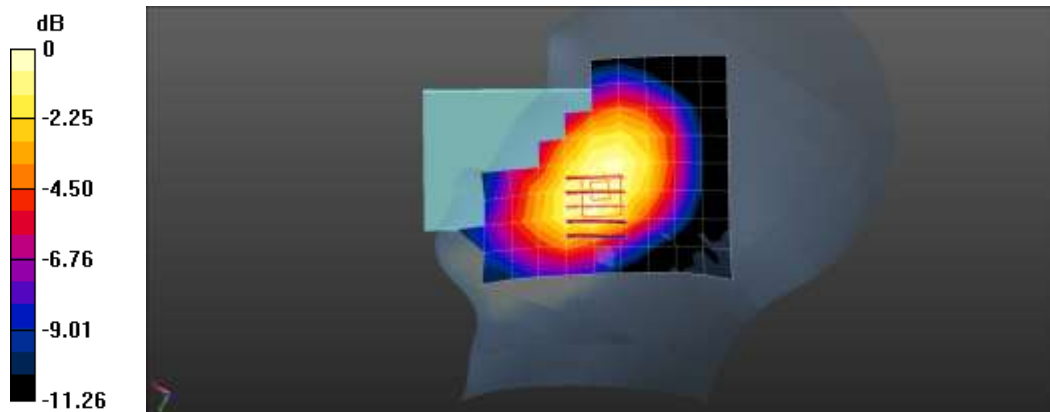
- Probe: EX3DV4 - SN7370; ConvF(10.01, 10.01, 10.01) @ 836.5 MHz; Calibrated: 2023-08-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2023-07-04
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR Band n5 Head Right Touch DFT-s QPSK 20MHz 50RB 28offset 167300ch/Area Scan (9x13x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.193 W/kg

NR Band n5 Head Right Touch DFT-s QPSK 20MHz 50RB 28offset 167300ch/Zoom Scan

(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.687 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.220 W/kg
SAR(1 g) = 0.159 W/kg; SAR(10 g) = 0.115 W/kg
Maximum value of SAR (measured) = 0.196 W/kg



0 dB = 0.196 W/kg = -7.08 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 21.8 °C
Liquid Temperature: 21.8 °C
Test Date: 02/14/2024
Plot No.: A12

Communication System: UID 0, n41 (0); Frequency: 2592.99 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 2592.99$ MHz; $\sigma = 2.025$ S/m; $\epsilon_r = 37.846$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

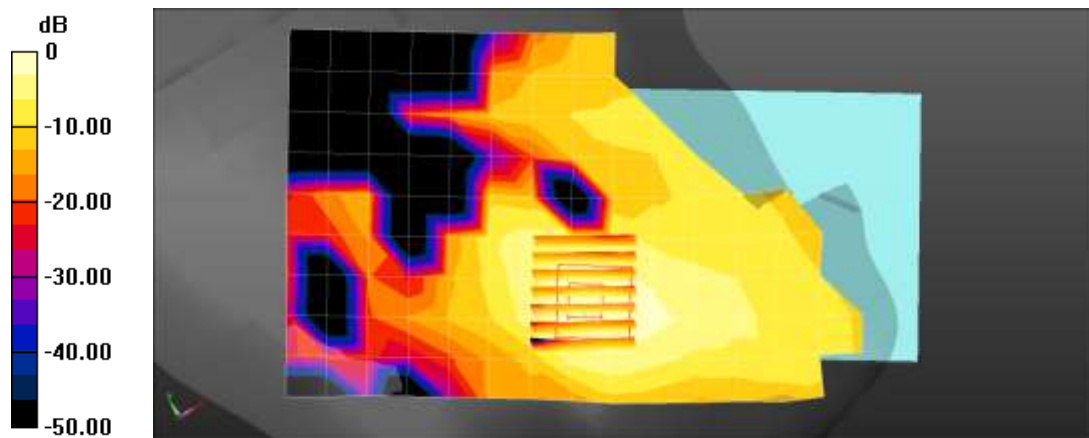
- Probe: EX3DV4 - SN7622; ConvF(7.89, 7.52, 7.77) @ 2592.99 MHz; Calibrated: 2023-11-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1629; Calibrated: 2023-08-21
- Phantom: Twin-SAM V4.0 Right; Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

NR Band n41 Head Left Touch CP QPSK 100MHz 1RB 1offset 518598ch/Area Scan (10x17x1):

Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.173 W/kg

NR Band n41 Head Left Touch CP QPSK 100MHz 1RB 1offset 518598ch/Zoom Scan (7x7x7)/Cube

0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.573 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.226 W/kg
SAR(1 g) = 0.118 W/kg; SAR(10 g) = 0.050 W/kg
Maximum value of SAR (measured) = 0.178 W/kg



0 dB = 0.178 W/kg = -7.50 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 22.2 °C
Liquid Temperature: 22.1 °C
Test Date: 02/29/2024
Plot No.: A13

Communication System: UID 0, NR n41 (0); Frequency: 2592.99 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2592.99$ MHz; $\sigma = 1.997$ S/m; $\epsilon_r = 39.159$; $\rho = 1000$ kg/m³
 Phantom section: Left Section

DASY5 Configuration:

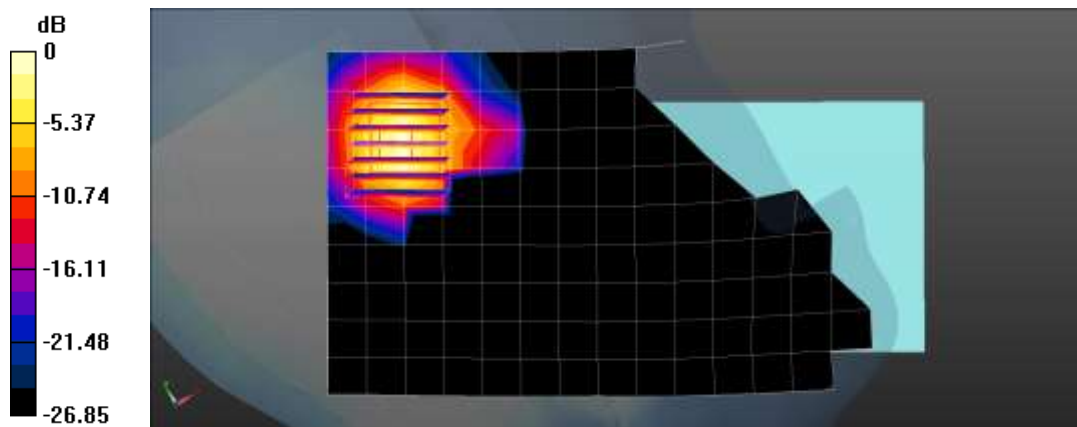
- Probe: EX3DV4 - SN3903; ConvF(7.87, 7.41, 7.6) @ 2592.99 MHz; Calibrated: 2023-07-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn466; Calibrated: 2023-04-25
- Phantom: SAM_Right_20170913; Type: QD000P40CC; Serial: 1070
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

NR Band n41 Head Left Touch DFT-s QPSK 100MHz 1RB 137offset 518598ch/Area Scan

(10x17x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.236 W/kg

NR Band n41 Head Left Touch DFT-s QPSK 100MHz 1RB 137offset 518598ch/Zoom Scan

(7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 2.757 V/m; Power Drift = -0.12 dB
 Peak SAR (extrapolated) = 0.367 W/kg
SAR(1 g) = 0.149 W/kg; SAR(10 g) = 0.063 W/kg
 Maximum value of SAR (measured) = 0.275 W/kg



0 dB = 0.275 W/kg = -5.61 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 20.5 °C
Liquid Temperature: 20.4 °C
Test Date: 02/29/2024
Plot No.: A14

Communication System: UID 0, NR Band n66 (0); Frequency: 1745 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.352$ S/m; $\epsilon_r = 39.583$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

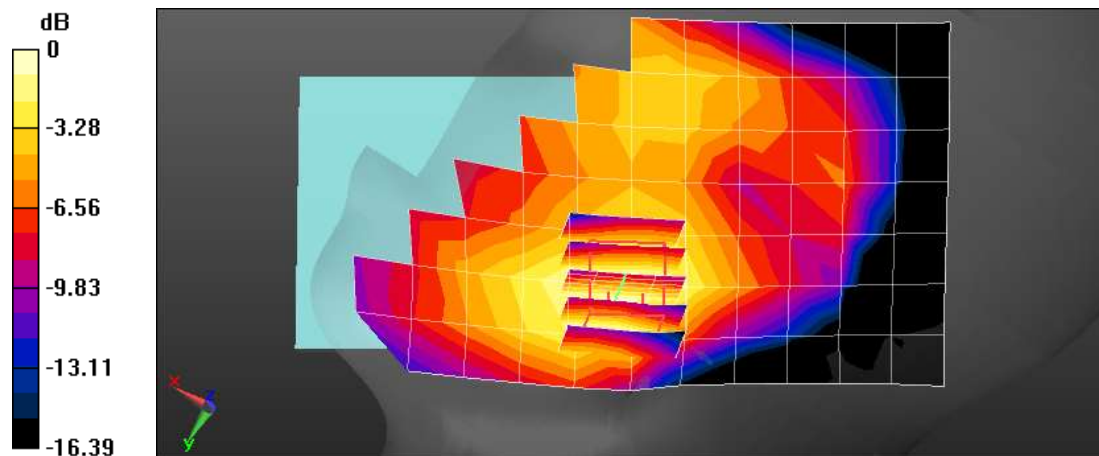
- Probe: EX3DV4 - SN7679; ConvF(9.05, 9.05, 9.05) @ 1745 MHz; Calibrated: 2023-08-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1687; Calibrated: 2023-07-18
- Phantom: Twin-SAM V8.0 (Right-Left); Type: QD 000 P41 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

NR Band n66 Head Right Touch DFT-s QPSK 20MHz 50RB 28offset 349000ch/Area Scan (8x14x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.286 W/kg

NR Band n66 Head Right Touch DFT-s QPSK 20MHz 50RB 28offset 349000ch/Zoom Scan

(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.157 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.353 W/kg
SAR(1 g) = 0.231 W/kg; SAR(10 g) = 0.149 W/kg
Maximum value of SAR (measured) = 0.301 W/kg



0 dB = 0.301 W/kg = -5.21 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 19.9 °C
Liquid Temperature: 19.8 °C
Test Date: 02/22/2024
Plot No.: A15

Communication System: UID 0, NR TDD Duty 1:1 (0); Frequency: 3500.01 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 3500.01$ MHz; $\sigma = 2.917$ S/m; $\epsilon_r = 38.062$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

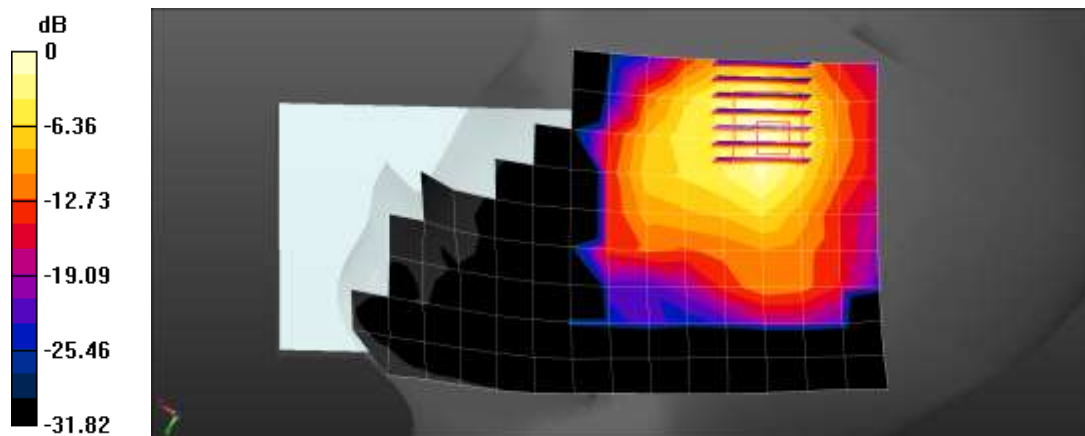
- Probe: EX3DV4 - SN7622; ConvF(7.12, 6.89, 7.07) @ 3500.01 MHz; Calibrated: 2023-11-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1629; Calibrated: 2023-08-21
- Phantom: Twin-SAM V8.0_20171017(Left2); Type: QD 000 P41 AA; Serial: 1932
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

NR Band n77 Head Right Touch DFT-s QPSK 100MHz 1RB 1offset 633334ch/Area Scan (10x17x1):

Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.735 W/kg

NR Band n77 Head Right Touch DFT-s QPSK 100MHz 1RB 1offset 633334ch/Zoom Scan

(7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm
Reference Value = 17.86 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.414 W/kg; SAR(10 g) = 0.179 W/kg
Maximum value of SAR (measured) = 0.794 W/kg



0 dB = 0.794 W/kg = -1.00 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 20.0 °C
Liquid Temperature: 19.9 °C
Test Date: 02/22/2024
Plot No.: A16

Communication System: UID 0, 2450MHz FCC (0); Frequency: 2437 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2440$ MHz; $\sigma = 1.818$ S/m; $\epsilon_r = 38.457$; $\rho = 1000$ kg/m³
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(7.94, 7.91, 8.56) @ 2437 MHz; Calibrated: 2023-05-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn652; Calibrated: 2024-01-17
- Phantom: Twin-SAM V4.0 (20deg probe tilt); Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

802.11b Right Touch 1Mbps 11ch/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

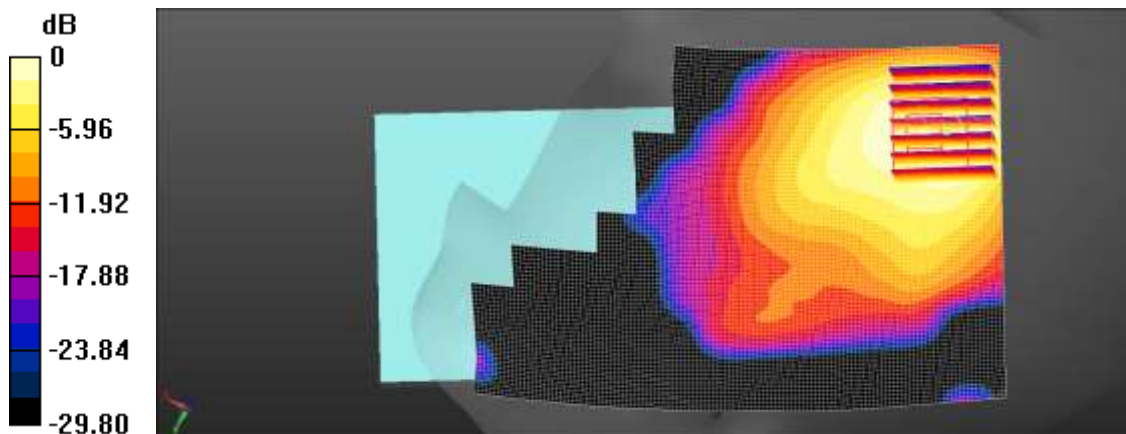
802.11b Right Touch 1Mbps 11ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.47 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.544 W/kg; SAR(10 g) = 0.293 W/kg

Maximum value of SAR (measured) = 0.882 W/kg



0 dB = 0.882 W/kg = -0.55 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 20.9 °C
Liquid Temperature: 20.8 °C
Test Date: 02/21/2024
Plot No.: A17

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5290 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5290 \text{ MHz}$; $\sigma = 4.744 \text{ S/m}$; $\epsilon_r = 36.007$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY5 Configuration:

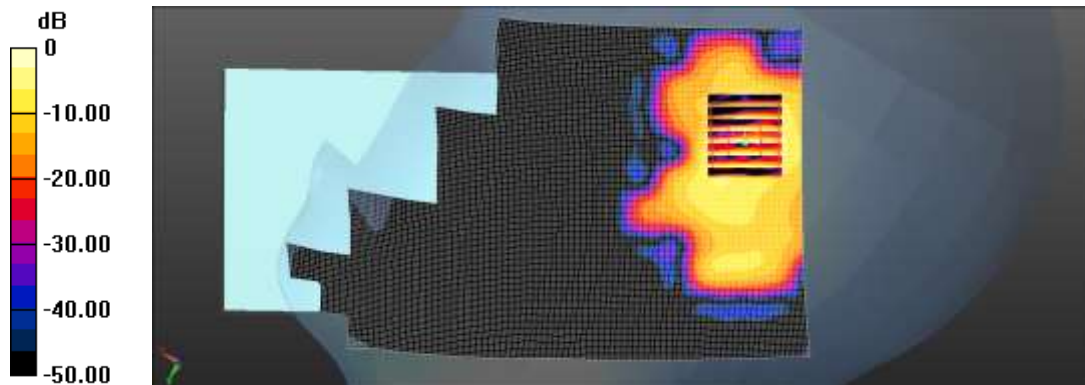
- Probe: EX3DV4 - SN7751; ConvF(5.2, 5.2, 5.2) @ 5290 MHz; Calibrated: 2023-10-06
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2023-11-16
- Phantom: SAM with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

SM-M356BDS/802.11ac80 Head Right Tilt MCS0 58ch/Area Scan (111x201x1):

Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
Maximum value of SAR (interpolated) = 0.515 W/kg

SM-M356BDS/802.11ac80 Head Right Tilt MCS0 58ch/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$
Reference Value = 5.290 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 1.38 W/kg
SAR(1 g) = 0.200 W/kg; SAR(10 g) = 0.053 W/kg
Maximum value of SAR (measured) = 0.518 W/kg



0 dB = 0.518 W/kg = -2.86 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 20.9 °C
Liquid Temperature: 20.8 °C
Test Date: 02/23/2024
Plot No.: A18

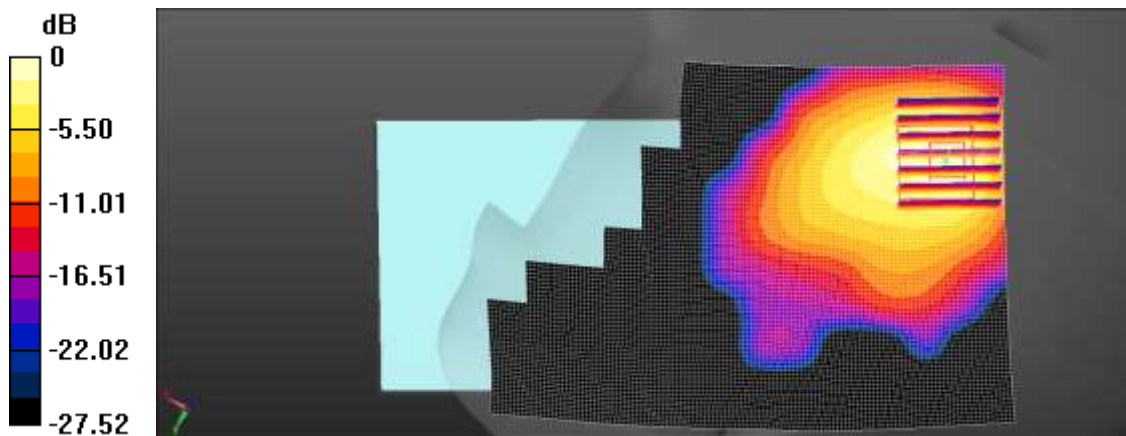
Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2480$ MHz; $\sigma = 1.865$ S/m; $\epsilon_r = 38.118$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(7.94, 7.91, 8.56) @ 2480 MHz; Calibrated: 2023-05-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn652; Calibrated: 2024-01-17
- Phantom: Twin-SAM V4.0 (20deg probe tilt); Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Bluetooth Head Right Touch DH5 78ch/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.391 W/kg

Bluetooth Head Right Touch DH5 78ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.181 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.487 W/kg
SAR(1 g) = 0.221 W/kg; SAR(10 g) = 0.107 W/kg
Maximum value of SAR (measured) = 0.383 W/kg



Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 20.5 °C
Liquid Temperature: 20.4 °C
Test Date: 02/23/2024
Plot No.: B1

Communication System: UID 0, GSM850 GPRS 4TX (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.07491
Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.934$ S/m; $\epsilon_r = 41.191$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7681; ConvF(9.17, 9.37, 9.66) @ 836.6 MHz; Calibrated: 2023-11-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2023-04-25
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

GSM850 Body Rear 4Tx 190ch/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.960 W/kg

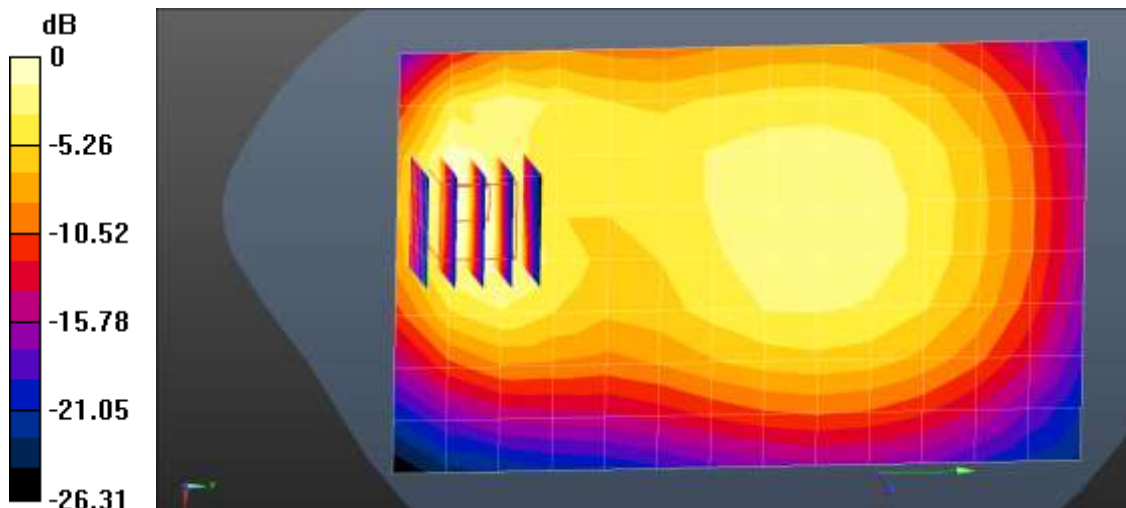
GSM850 Body Rear 4Tx 190ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.41 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.788 W/kg; SAR(10 g) = 0.456 W/kg

Maximum value of SAR (measured) = 1.14 W/kg



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

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 21.1 °C
Liquid Temperature: 20.9 °C
Test Date: 02/24/2024
Plot No.: B2

Communication System: UID 0, GSM 1900 2TX (0); Frequency: 1850.2 MHz; Duty Cycle: 1:4.14954
 Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.348$ S/m; $\epsilon_r = 39.256$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7681; ConvF(7.94, 8.33, 8.49) @ 1850.2 MHz; Calibrated: 2023-11-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2023-04-25
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

GSM1900 Body Rear 2Tx 512ch/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.657 W/kg

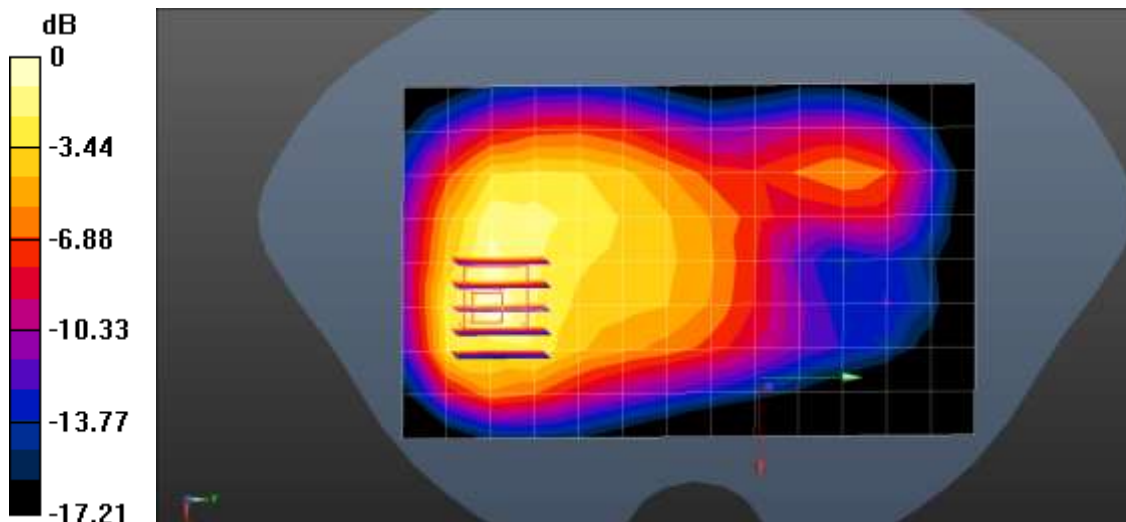
GSM1900 Body Rear 2Tx 512ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.18 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.803 W/kg

SAR(1 g) = 0.486 W/kg; SAR(10 g) = 0.287 W/kg

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



0 dB = 0.657 W/kg = -1.82 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 19.9 °C
Liquid Temperature: 19.8 °C
Test Date: 02/20/2024
Plot No.: B3

Communication System: UID 0, WCDMA850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.924$ S/m; $\epsilon_r = 41.397$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7681; ConvF(9.17, 9.37, 9.66) @ 836.6 MHz; Calibrated: 2023-11-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2023-04-25
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

UMTS Band 5 Body Rear 4183ch/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.975 W/kg

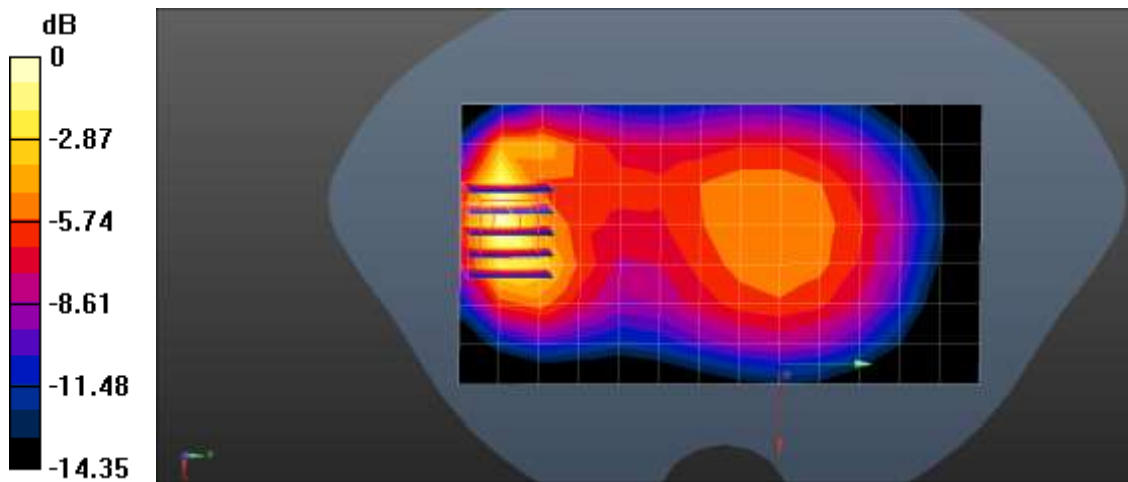
UMTS Band 5 Body Rear 4183ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.98 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.20 W/kg

SAR(1 g) = 0.709 W/kg; SAR(10 g) = 0.401 W/kg

Maximum value of SAR (measured) = 1.04 W/kg



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

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 19.6 °C
Liquid Temperature: 19.4 °C
Test Date: 02/21/2024
Plot No.: B4

Communication System: UID 0, WCDMA IV (0); Frequency: 1732.4 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1732.4$ MHz; $\sigma = 1.354$ S/m; $\epsilon_r = 41.456$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7681; ConvF(8.29, 8.71, 8.9) @ 1732.4 MHz; Calibrated: 2023-11-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2023-04-25
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

UMTS Band 4 Body Bottom 1412ch/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.410 W/kg

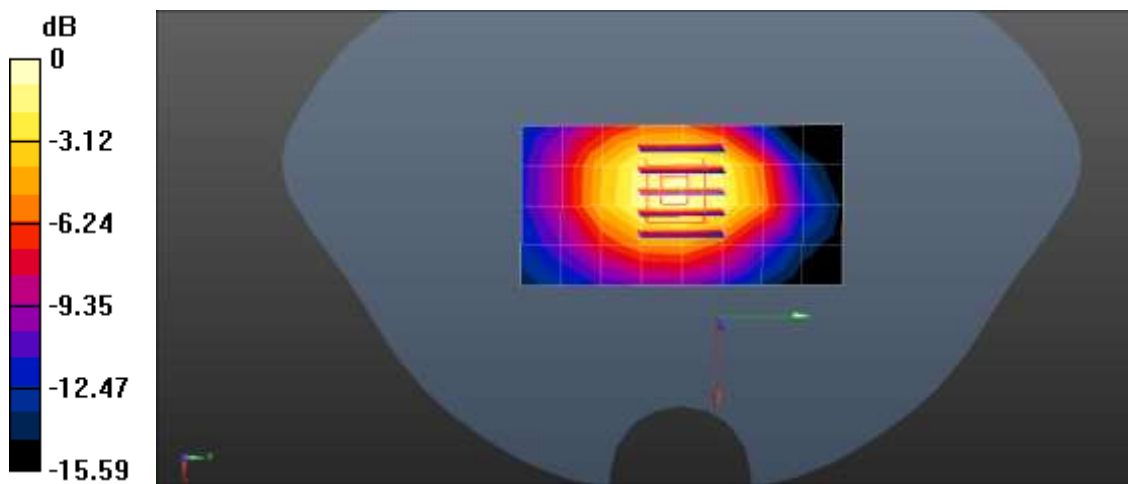
UMTS Band 4 Body Bottom 1412ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.34 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.541 W/kg

SAR(1 g) = 0.343 W/kg; SAR(10 g) = 0.210 W/kg

Maximum value of SAR (measured) = 0.474 W/kg



0 dB = 0.474 W/kg = -3.24 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 22.0 °C
Liquid Temperature: 21.9 °C
Test Date: 02/22/2024
Plot No.: B5

Communication System: UID 0, WCDMA1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.384$ S/m; $\epsilon_r = 38.986$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7681; ConvF(7.94, 8.33, 8.49) @ 1880 MHz; Calibrated: 2023-11-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2023-04-25
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

UMTS Band 2 Body Bottom 9400ch/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.371 W/kg

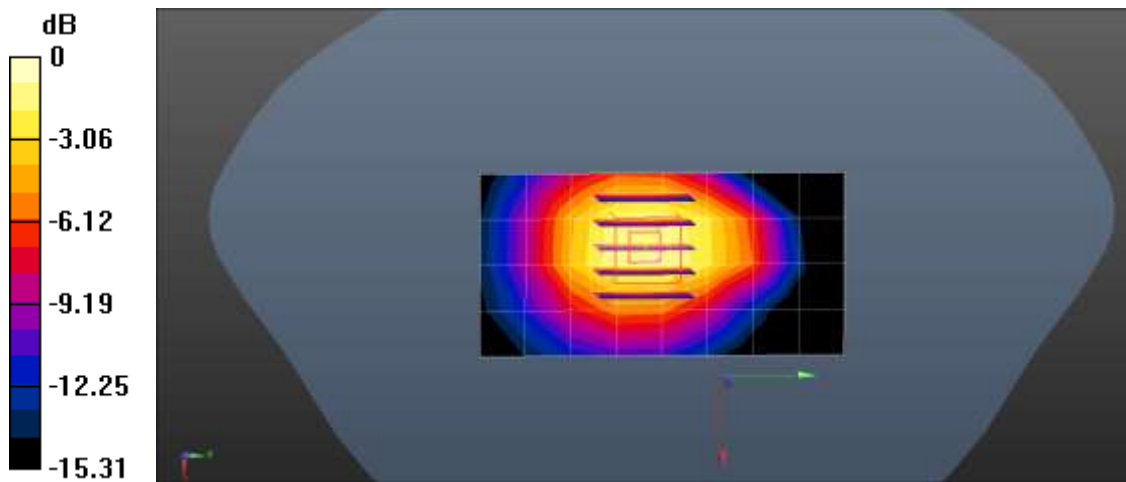
UMTS Band 2 Body Bottom 9400ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.36 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.528 W/kg

SAR(1 g) = 0.330 W/kg; SAR(10 g) = 0.196 W/kg

Maximum value of SAR (measured) = 0.460 W/kg



0 dB = 0.460 W/kg = -3.37 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 20.6 °C
Liquid Temperature: 20.3 °C
Test Date: 03/06/2024
Plot No.: B6

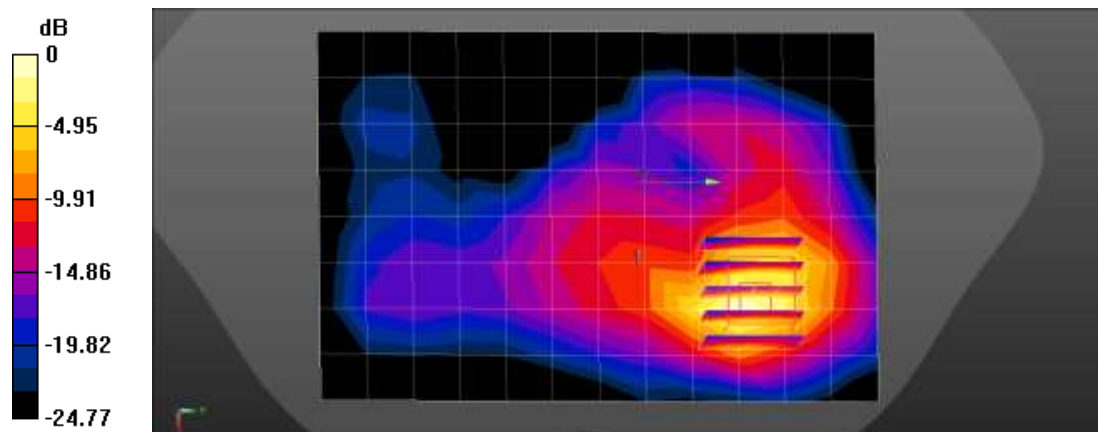
Communication System: UID 0, LTE Band2 (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1900$ MHz; $\sigma = 1.392$ S/m; $\epsilon_r = 38.953$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7732; ConvF(8.62, 8.62, 8.62) @ 1900 MHz; Calibrated: 2023-06-20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn504; Calibrated: 2024-01-30
- Phantom: Twin-SAM V4.0 (20deg probe tilt)_Left-Right; Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 2 Head Body Rear QPSK 20MHz 1RB 0offset 19100ch/Area Scan (9x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.635 W/kg

LTE Band 2 Head Body Rear QPSK 20MHz 1RB 0offset 19100ch/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.149 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.821 W/kg
SAR(1 g) = 0.400 W/kg; SAR(10 g) = 0.191 W/kg
Maximum value of SAR (measured) = 0.658 W/kg



0 dB = 0.658 W/kg = -1.82 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 20.1 °C
Liquid Temperature: 20.0 °C
Test Date: 03/18/2024
Plot No.: B7

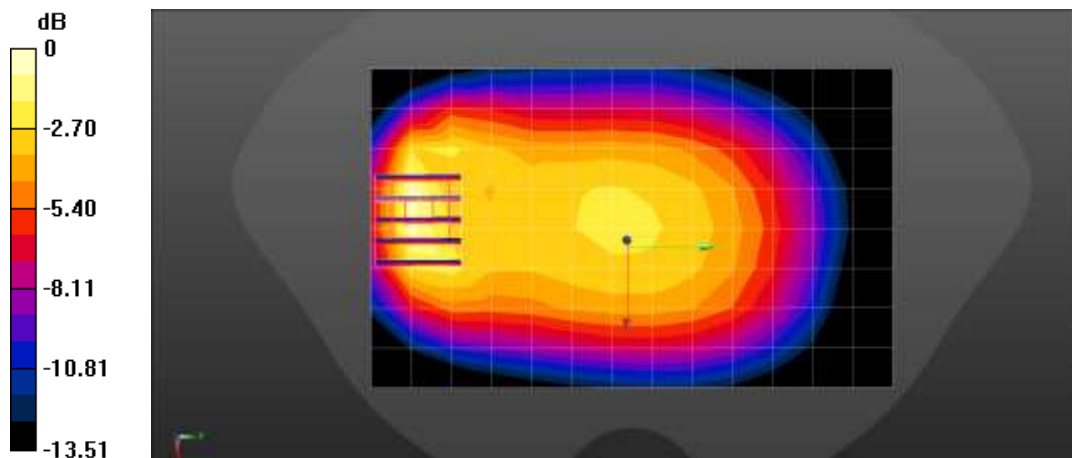
Communication System: UID 0, LTE 12 (0); Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.869$ S/m; $\epsilon_r = 43.682$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(9.65, 10.07, 8.84) @ 707.5 MHz; Calibrated: 2024-01-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1720; Calibrated: 2023-04-24
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

LTE Band 12 Body Rear QPSK 10MHz 1RB 0offset 23095ch/Area Scan (9x14x1): Measurement grid:
dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.465 W/kg

LTE Band 12 Body Rear QPSK 10MHz 1RB 0offset 23095ch/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.04 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.619 W/kg
SAR(1 g) = 0.345 W/kg; SAR(10 g) = 0.198 W/kg
Maximum value of SAR (measured) = 0.526 W/kg



0 dB = 0.526 W/kg = -2.79 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 19.9 °C
Liquid Temperature: 19.8 °C
Test Date: 03/19/2024
Plot No.: B8

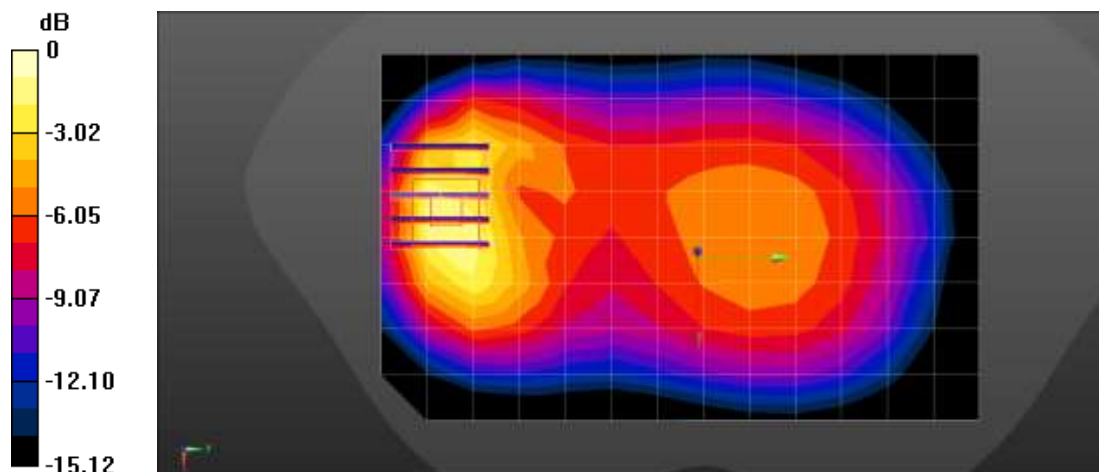
Communication System: UID 0, LTE 26 (0); Frequency: 831.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 831.5$ MHz; $\sigma = 0.928$ S/m; $\epsilon_r = 40.725$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(9.78, 10.51, 9.13) @ 831.5 MHz; Calibrated: 2024-01-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1720; Calibrated: 2023-04-24
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

LTE Band 26 Body Rear QPSK 15MHz 1RB 0offset 26865ch/Area Scan (9x14x1): Measurement grid:
dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.685 W/kg

LTE Band 26 Body Rear QPSK 15MHz 1RB 0offset 26865ch/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.15 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.17 W/kg
SAR(1 g) = 0.655 W/kg; SAR(10 g) = 0.364 W/kg
Maximum value of SAR (measured) = 0.962 W/kg



0 dB = 0.962 W/kg = -0.17 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 21.1 °C
Liquid Temperature: 21.0 °C
Test Date: 02/13/2024
Plot No.: B9

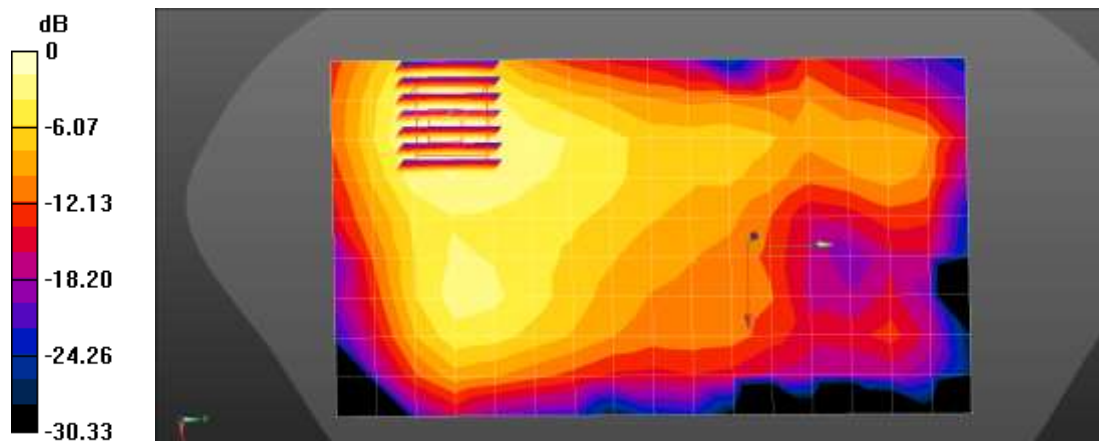
Communication System: UID 0, LTE Band41 (0); Frequency: 2593 MHz;Duty Cycle: 1:1.58052
Medium parameters used (interpolated): $f = 2593$ MHz; $\sigma = 2.027$ S/m; $\epsilon_r = 37.853$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7622; ConvF(7.89, 7.52, 7.77) @ 2593 MHz; Calibrated: 2023-11-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1629; Calibrated: 2023-08-21
- Phantom: Twin-SAM V4.0 Right; Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 41 Body Front QPSK 20MHz 50RB 0offset 40620ch/Area Scan (10x17x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.273 W/kg

LTE Band 41 Body Front QPSK 20MHz 50RB 0offset 40620ch/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.996 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.355 W/kg
SAR(1 g) = 0.171 W/kg; SAR(10 g) = 0.085 W/kg
Maximum value of SAR (measured) = 0.280 W/kg



0 dB = 0.280 W/kg = -5.53 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 20.1 °C
Liquid Temperature: 20.0 °C
Test Date: 02/22/2024
Plot No.: B10

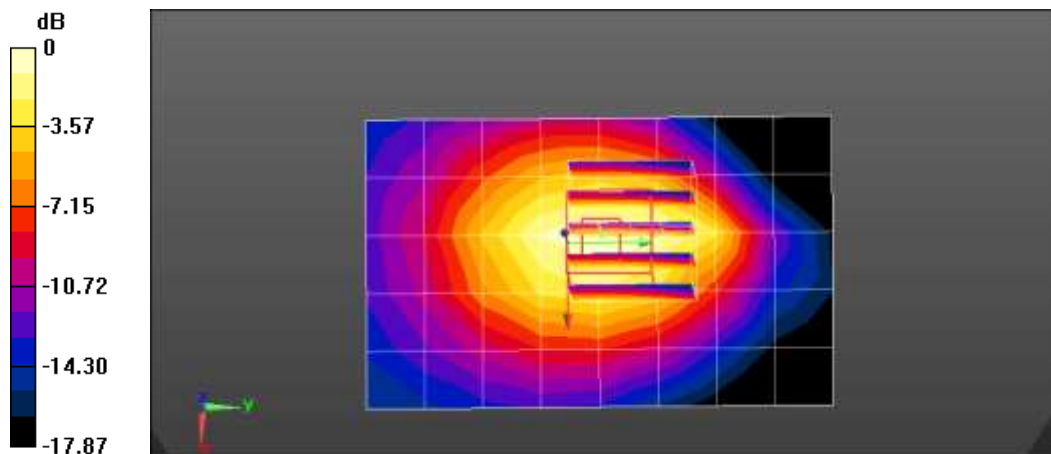
Communication System: UID 0, LTE Band66 (0); Frequency: 1745 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1745 \text{ MHz}$; $\sigma = 1.348 \text{ S/m}$; $\epsilon_r = 41.425$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(9.05, 9.05, 9.05) @ 1745 MHz; Calibrated: 2023-08-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1687; Calibrated: 2023-07-18
- Phantom: Twin-SAM V8.0 (Right-Left); Type: QD 000 P41 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 66 Body Bottom QPSK 20MHz 1RB 49offset 132322ch/Area Scan (6x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.548 W/kg

LTE Band 66 Body Bottom QPSK 20MHz 1RB 49offset 132322ch/Zoom Scan (5x5x7)/Cube 0:
 Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 19.94 V/m; Power Drift = 0.08 dB
 Peak SAR (extrapolated) = 0.644 W/kg
SAR(1 g) = 0.392 W/kg; SAR(10 g) = 0.234 W/kg
 Maximum value of SAR (measured) = 0.553 W/kg



0 dB = 0.553 W/kg = -2.57 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 19.9 °C
Liquid Temperature: 19.8 °C
Test Date: 03/11/2024
Plot No.: B11

Communication System: UID 0, NR Band 5 (0); Frequency: 836.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.927$ S/m; $\epsilon_r = 42.421$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

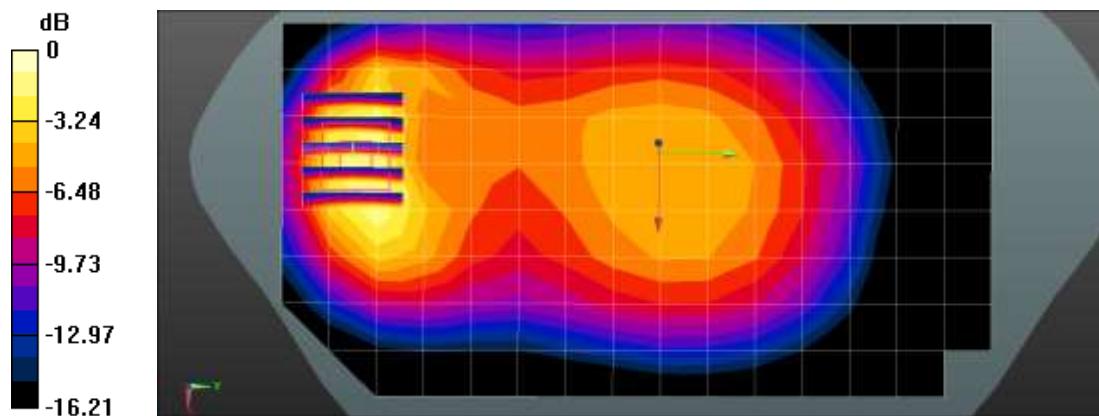
- Probe: EX3DV4 - SN7370; ConvF(10.01, 10.01, 10.01) @ 836.5 MHz; Calibrated: 2023-08-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2023-07-04
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR Band n5 Body Rear DFT-s QPSK 20MHz 1RB 53offset 167300ch/Area Scan (9x16x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.687 W/kg

NR Band n5 Body Rear DFT-s QPSK 20MHz 1RB 53offset 167300ch/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.28 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.566 W/kg; SAR(10 g) = 0.305 W/kg
Maximum value of SAR (measured) = 0.895 W/kg



0 dB = 0.895 W/kg = -0.48 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 21.8 °C
Liquid Temperature: 21.8 °C
Test Date: 02/14/2024
Plot No.: B12

Communication System: UID 0, n41 (0); Frequency: 2592.99 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2592.99$ MHz; $\sigma = 2.025$ S/m; $\epsilon_r = 37.846$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

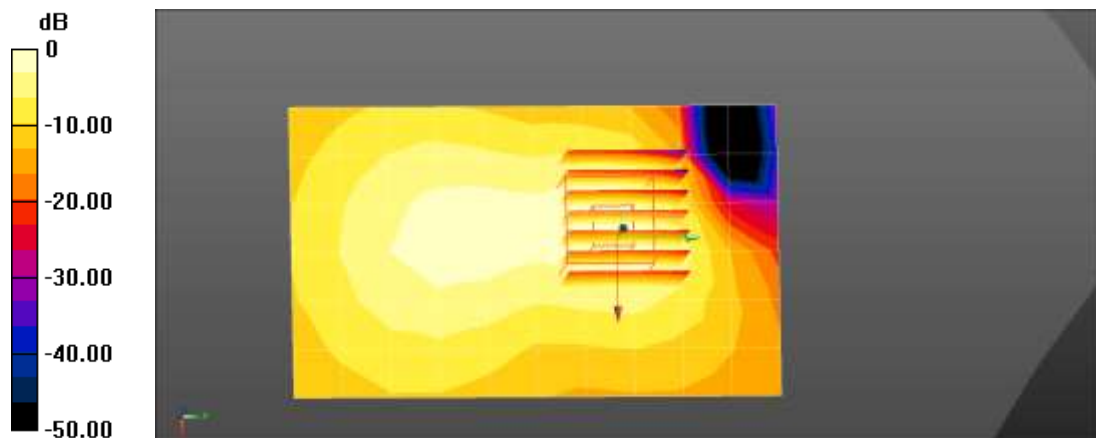
- Probe: EX3DV4 - SN7622; ConvF(7.89, 7.52, 7.77) @ 2592.99 MHz; Calibrated: 2023-11-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1629; Calibrated: 2023-08-21
- Phantom: Twin-SAM V4.0 Right; Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

NR Band n41 Body Bottom DFT-s QPSK 100MHz 1RB 1offset 518598ch/Area Scan (7x11x1):

Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.293 W/kg

NR Band n41 Body Bottom DFT-s QPSK 100MHz 1RB 1offset 518598ch/Zoom Scan (7x7x7)/Cube

0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 10.50 V/m; Power Drift = 0.12 dB
 Peak SAR (extrapolated) = 0.466 W/kg
SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.098 W/kg
 Maximum value of SAR (measured) = 0.361 W/kg



0 dB = 0.361 W/kg = -4.42 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 19.9 °C
Liquid Temperature: 20.0 °C
Test Date: 03/04/2024
Plot No.: B13

Communication System: UID 0, NR n41 (0); Frequency: 2592.99 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 2592.99$ MHz; $\sigma = 1.997$ S/m; $\epsilon_r = 39.153$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

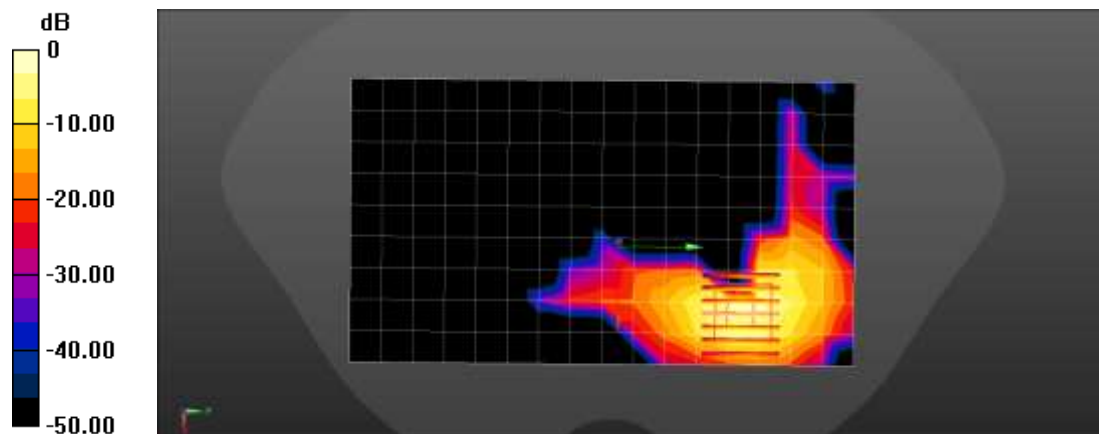
- Probe: EX3DV4 - SN3903; ConvF(7.87, 7.41, 7.6) @ 2592.99 MHz; Calibrated: 2023-07-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1417; Calibrated: 2024-02-16
- Phantom: Twin-SAM V5.0 (20deg probe tilt)_Right; Type: QD 000 P40 CD; Serial: 1810
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

NR Band n41 Body Rear DFT-s QPSK 100MHz 1RB 137offset 518598ch/Area Scan (10x17x1):

Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.163 W/kg

NR Band n41 Body Rear DFT-s QPSK 100MHz 1RB 137offset 518598ch/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) = 0.340 W/kg
SAR(1 g) = 0.132 W/kg; SAR(10 g) = 0.048 W/kg
Maximum value of SAR (measured) = 0.258 W/kg



0 dB = 0.258 W/kg = -5.88 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 20.5 °C
Liquid Temperature: 20.4 °C
Test Date: 02/29/2024
Plot No.: B14

Communication System: UID 0, NR Band n66 (0); Frequency: 1745 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1745 \text{ MHz}$; $\sigma = 1.352 \text{ S/m}$; $\epsilon_r = 39.583$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

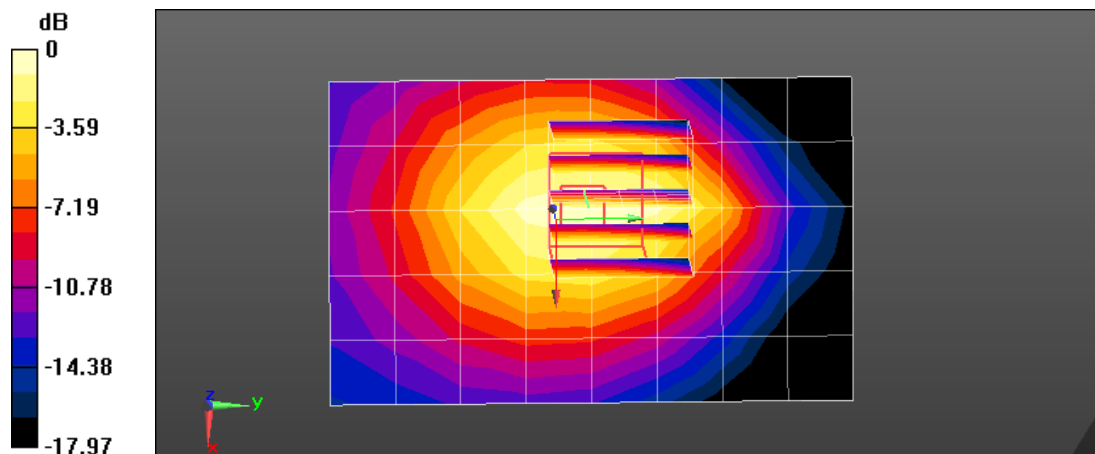
- Probe: EX3DV4 - SN7679; ConvF(9.05, 9.05, 9.05) @ 1745 MHz; Calibrated: 2023-08-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1687; Calibrated: 2023-07-18
- Phantom: Twin-SAM V8.0 (Right-Left); Type: QD 000 P41 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

NR Band n66 Body Bottom DFT-s QPSK 20MHz 50RB 0offset 349000ch/Area Scan (6x9x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.436 W/kg

NR Band n66 Body Bottom DFT-s QPSK 20MHz 50RB 0offset 349000ch/Zoom Scan (5x5x7)/Cube

0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 17.21 V/m; Power Drift = 0.09 dB
 Peak SAR (extrapolated) = 0.509 W/kg
SAR(1 g) = 0.314 W/kg; SAR(10 g) = 0.189 W/kg
 Maximum value of SAR (measured) = 0.439 W/kg



0 dB = 0.439 W/kg = -3.58 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 19.9 °C
Liquid Temperature: 19.8 °C
Test Date: 02/22/2024
Plot No.: B15

Communication System: UID 0, NR TDD Duty 1:1 (0); Frequency: 3500.01 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 3500.01$ MHz; $\sigma = 2.917$ S/m; $\epsilon_r = 38.062$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

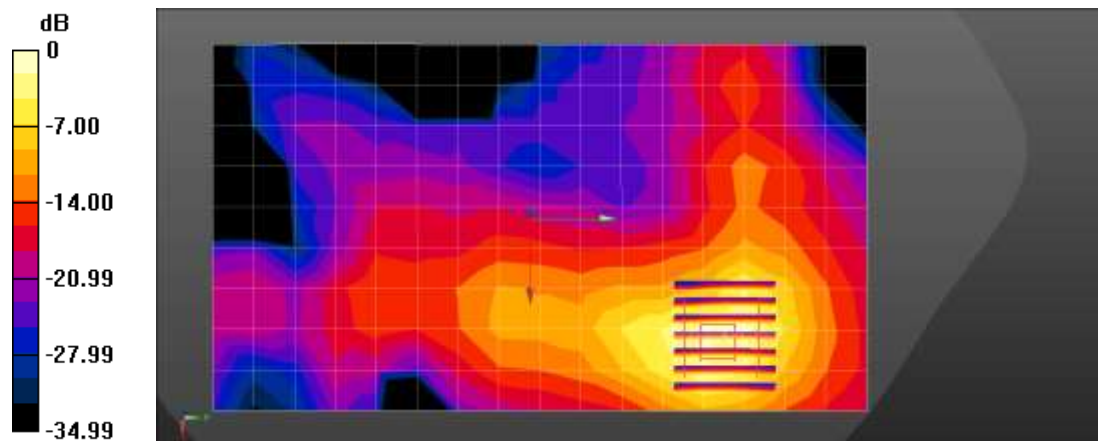
- Probe: EX3DV4 - SN7622; ConvF(7.12, 6.89, 7.07) @ 3500.01 MHz; Calibrated: 2023-11-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1629; Calibrated: 2023-08-21
- Phantom: Twin-SAM V8.0_20171017(Left2); Type: QD 000 P41 AA; Serial: 1932
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

NR Band n77 Body Rear DFT-s QPSK 100MHz 1RB 1offset 633334ch/Area Scan (10x17x1):

Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.578 W/kg

NR Band n77 Body Rear DFT-s QPSK 100MHz 1RB 1offset 633334ch/Zoom Scan (7x7x8)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=4mm
Reference Value = 16.39 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.415 W/kg; SAR(10 g) = 0.163 W/kg
Maximum value of SAR (measured) = 0.779 W/kg



0 dB = 0.779 W/kg = -1.08 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 20.0 °C
Liquid Temperature: 19.9 °C
Test Date: 02/22/2024
Plot No.: B16

Communication System: UID 0, 2450MHz FCC (0); Frequency: 2412 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2410$ MHz; $\sigma = 1.783$ S/m; $\epsilon_r = 38.579$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(7.94, 7.91, 8.56) @ 2412 MHz; Calibrated: 2023-05-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn652; Calibrated: 2024-01-17
- Phantom: Twin-SAM V4.0 (20deg probe tilt); Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

802.11b Body Rear 1Mbps 1ch/Area Scan (101x171x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.744 W/kg

802.11b Body Rear 1Mbps 1ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.579 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.959 W/kg

SAR(1 g) = 0.443 W/kg; SAR(10 g) = 0.222 W/kg

Maximum value of SAR (measured) = 0.751 W/kg

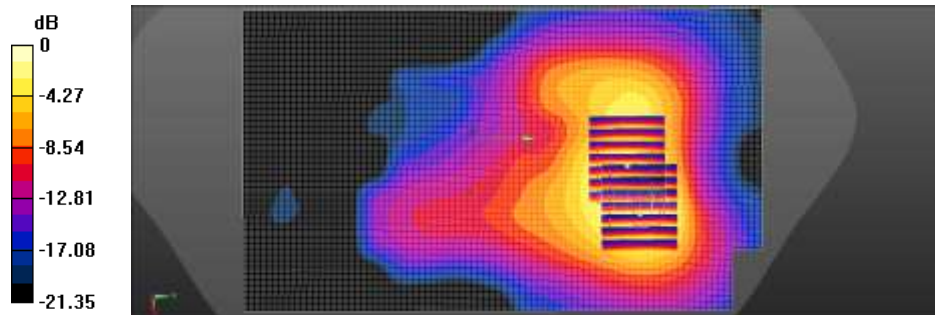
802.11b Body Rear 1Mbps 1ch/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.579 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.910 W/kg

SAR(1 g) = 0.426 W/kg; SAR(10 g) = 0.223 W/kg

Maximum value of SAR (measured) = 0.712 W/kg



0 dB = 0.712 W/kg = -1.48 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 20.3 °C
Liquid Temperature: 20.2 °C
Test Date: 02/22/2024
Plot No.: B17

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5600 \text{ MHz}$; $\sigma = 5.109 \text{ S/m}$; $\epsilon_r = 35.55$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7751; ConvF(4.51, 4.51, 4.51) @ 5600 MHz; Calibrated: 2023-10-06
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2023-11-16
- Phantom: SAM with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

802.11a Body Rear 6Mbps 120ch/Area Scan (111x201x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.692 W/kg

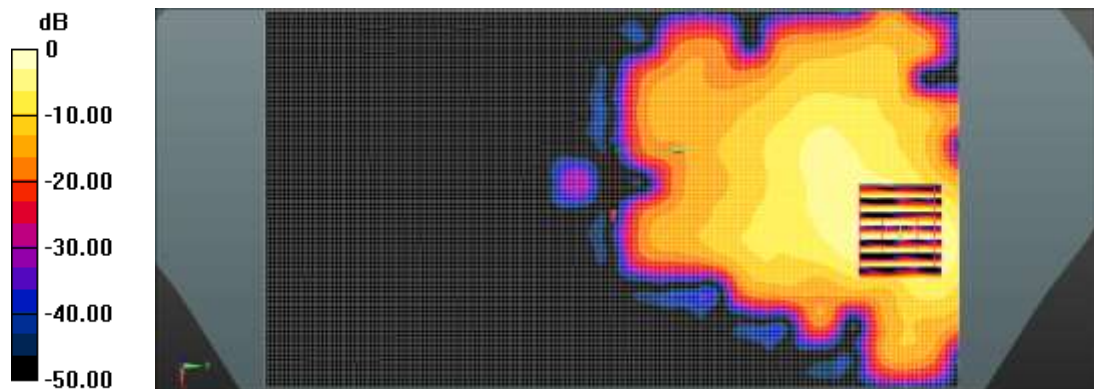
802.11a Body Rear 6Mbps 120ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 1.429 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.17 W/kg

SAR(1 g) = 0.271 W/kg; SAR(10 g) = 0.085 W/kg

Maximum value of SAR (measured) = 0.692 W/kg



0 dB = 0.692 W/kg = -1.60 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 20.9 °C
Liquid Temperature: 20.8 °C
Test Date: 02/23/2024
Plot No.: B18

Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2480$ MHz; $\sigma = 1.865$ S/m; $\epsilon_r = 38.118$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(7.94, 7.91, 8.56) @ 2480 MHz; Calibrated: 2023-05-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn652; Calibrated: 2024-01-17
- Phantom: Twin-SAM V4.0 (20deg probe tilt); Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Bluetooth Body Rear DH5 78ch/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.325 W/kg

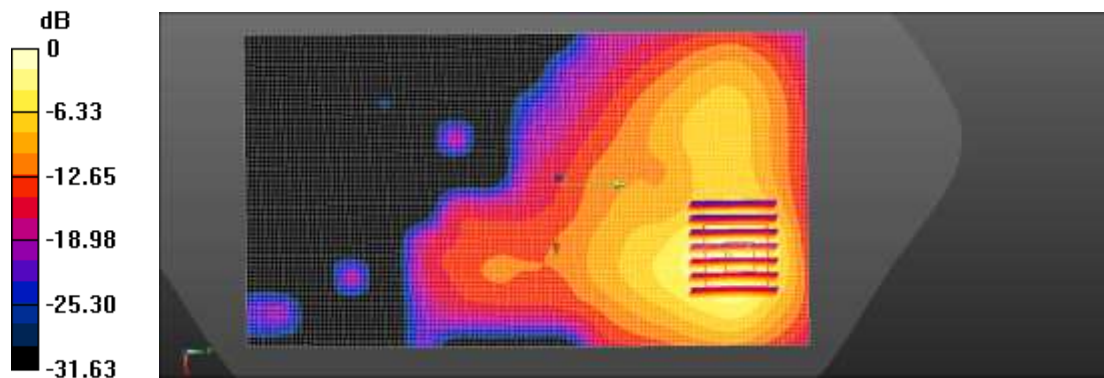
Bluetooth Body Rear DH5 78ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 1.981 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.432 W/kg

SAR(1 g) = 0.193 W/kg; SAR(10 g) = 0.086 W/kg

Maximum value of SAR (measured) = 0.331 W/kg



0 dB = 0.331 W/kg = -4.80 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 20.0 °C
Liquid Temperature: 19.9 °C
Test Date: 02/22/2024
Plot No.: C1

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5300 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5300 \text{ MHz}$; $\sigma = 4.754 \text{ S/m}$; $\epsilon_r = 36.008$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7751; ConvF(5.2, 5.2, 5.2) @ 5300 MHz; Calibrated: 2023-10-06
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2023-11-16
- Phantom: SAM with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

802.11a Body Rear 6Mbps 60ch/Area Scan (111x201x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 7.44 W/kg

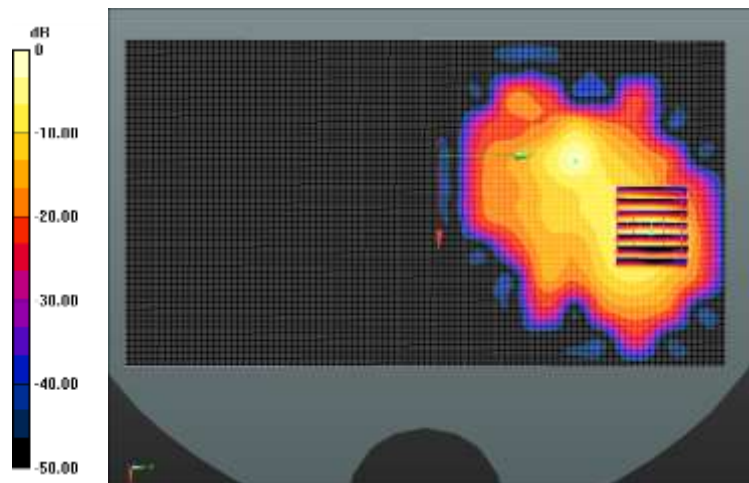
802.11a Body Rear 6Mbps 60ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

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

Peak SAR (extrapolated) = 17.4 W/kg

SAR(1 g) = 2.94 W/kg; SAR(10 g) = 0.687 W/kg

Maximum value of SAR (measured) = 8.62 W/kg



0 dB = 8.62 W/kg = 9.36 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 20.0 °C
Liquid Temperature: 19.9 °C
Test Date: 02/22/2024
Plot No.: C2

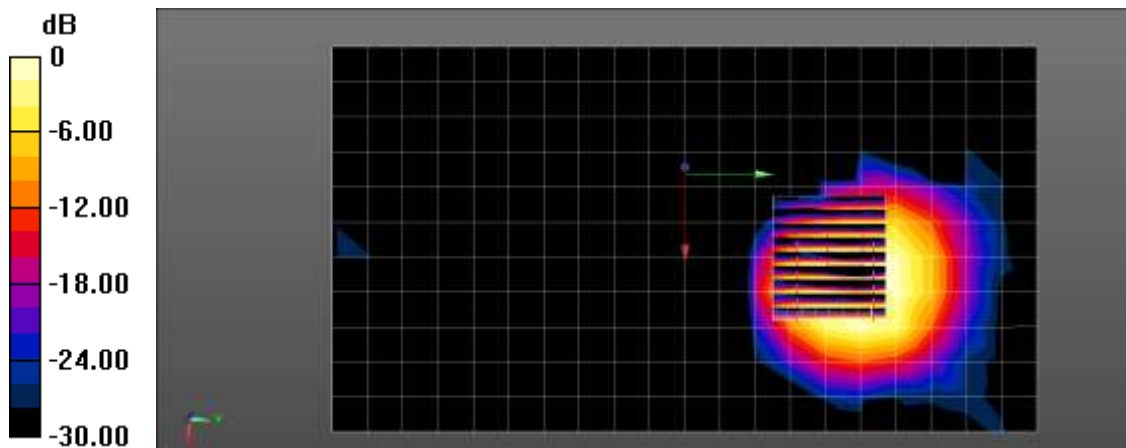
Communication System: UID 0, NFC (0); Frequency: 13.56 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 14 \text{ MHz}$; $\sigma = 0.756 \text{ S/m}$; $\epsilon_r = 53.79$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3076; ConvF(5.8, 5.8, 5.8) @ 13.56 MHz; Calibrated: 2023-07-18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2023-11-16
- Phantom: ELI v5.0 Left; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NFC Phablet Rear Type B 106kbps/Area Scan (12x21x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
Maximum value of SAR (measured) = 0.0952 W/kg

NFC Phablet Rear Type B 106kbps/Zoom Scan (9x9x8)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.615 W/kg
SAR(1 g) = 0.071 W/kg; SAR(10 g) = 0.029 W/kg
Maximum value of SAR (measured) = 0.116 W/kg



0 dB = 0.116 W/kg = -9.36 dBW/kg

Appendix C. – Dipole Verification Plots

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

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 20.0 °C
 Test Date: 03/18/2024

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.915 \text{ S/m}$; $\epsilon_r = 43.04$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

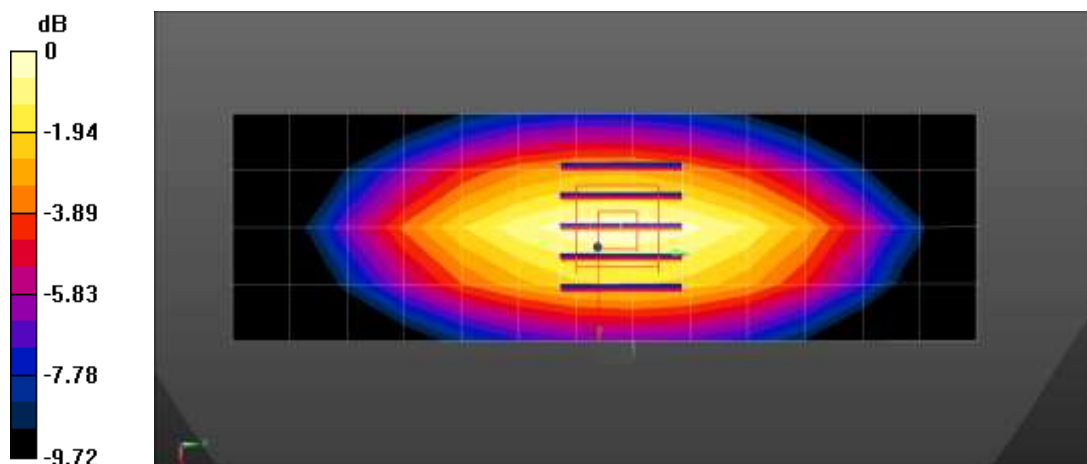
- Probe: EX3DV4 - SN7702; ConvF(9.65, 10.07, 8.84) @ 750 MHz; Calibrated: 2024-01-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1720; Calibrated: 2023-04-24
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

750MHz Head Verification/Area Scan (5x14x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.560 W/kg

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

Reference Value = 26.84 V/m; Power Drift = 0.01 dB
 Peak SAR (extrapolated) = 0.623 W/kg

SAR(1 g) = 0.444 W/kg; SAR(10 g) = 0.301 W/kg
 Maximum value of SAR (measured) = 0.571 W/kg



0 dB = 0.571 W/kg = -2.43 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 20.4 °C
 Test Date: 02/23/2024

Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 835 \text{ MHz}$; $\sigma = 0.933 \text{ S/m}$; $\epsilon_r = 41.199$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

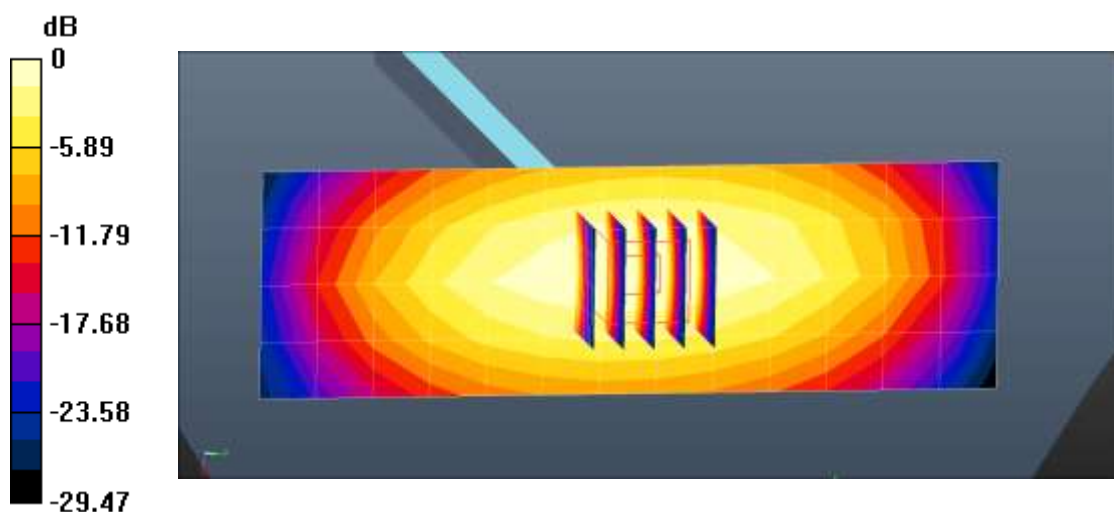
- Probe: EX3DV4 - SN7681; ConvF(9.17, 9.37, 9.66) @ 835 MHz; Calibrated: 2023-11-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2023-04-25
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

835MHz Head Verification/Area Scan (5x14x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.631 W/kg

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

Reference Value = 28.80 V/m; Power Drift = 0.06 dB
 Peak SAR (extrapolated) = 0.697 W/kg

SAR(1 g) = 0.521 W/kg; SAR(10 g) = 0.352 W/kg
 Maximum value of SAR (measured) = 0.655 W/kg



0 dB = 0.631 W/kg = -2.00 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 19.8 °C
 Test Date: 02/20/2024

Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 835 \text{ MHz}$; $\sigma = 0.922 \text{ S/m}$; $\epsilon_r = 41.406$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

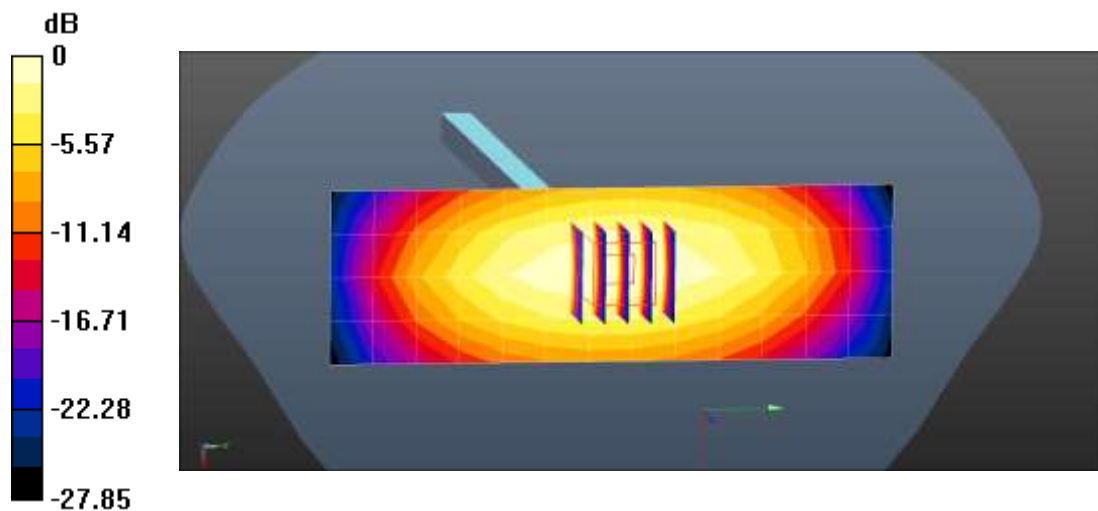
- Probe: EX3DV4 - SN7681; ConvF(9.17, 9.37, 9.66) @ 835 MHz; Calibrated: 2023-11-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2023-04-25
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

835MHz Head Verification/Area Scan (5x14x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.640 W/kg

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

Reference Value = 28.84 V/m; Power Drift = 0.06 dB
 Peak SAR (extrapolated) = 0.691 W/kg

SAR(1 g) = 0.517 W/kg; SAR(10 g) = 0.350 W/kg
 Maximum value of SAR (measured) = 0.649 W/kg



0 dB = 0.640 W/kg = -1.94 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 19.9 °C
 Test Date: 03/19/2024

Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 835 \text{ MHz}$; $\sigma = 0.931 \text{ S/m}$; $\epsilon_r = 40.695$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(9.78, 10.51, 9.13) @ 835 MHz; Calibrated: 2024-01-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1720; Calibrated: 2023-04-24
- Phantom: Twin-SAM V8.0 (20deg probe tilt); Type: QD 000 P41 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

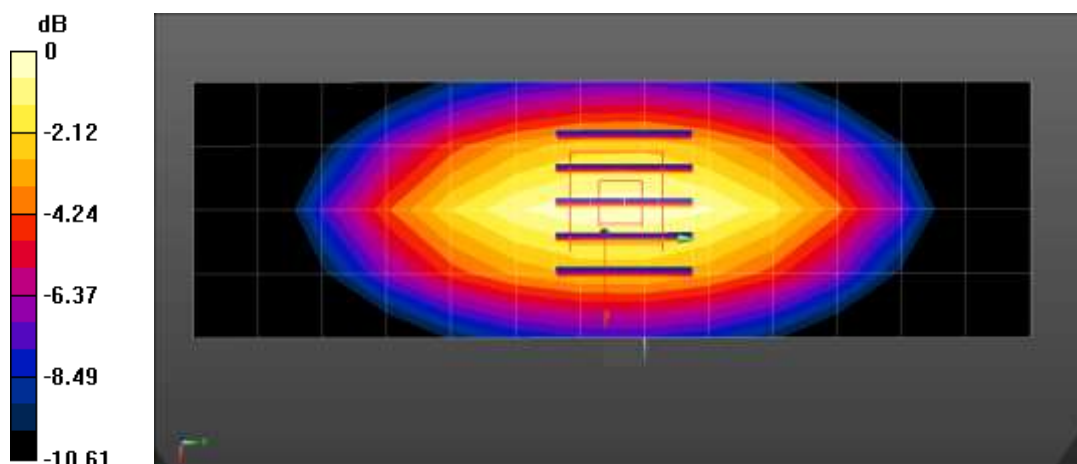
835MHz Head Verification/Area Scan (5x14x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.648 W/kg

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

Reference Value = 28.54 V/m; Power Drift = -0.02 dB
 Peak SAR (extrapolated) = 0.708 W/kg

SAR(1 g) = 0.505 W/kg; SAR(10 g) = 0.334 W/kg

Maximum value of SAR (measured) = 0.651 W/kg



0 dB = 0.651 W/kg = -1.86 dBW/kg

■ Verification Data (1 800 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 19.4 °C
Test Date: 02/21/2024

Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1800 \text{ MHz}$; $\sigma = 1.425 \text{ S/m}$; $\epsilon_r = 41.17$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7681; ConvF(8.29, 8.71, 8.9) @ 1800 MHz; Calibrated: 2023-11-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2023-04-25
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

1800MHz Head Verification/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.46 W/kg

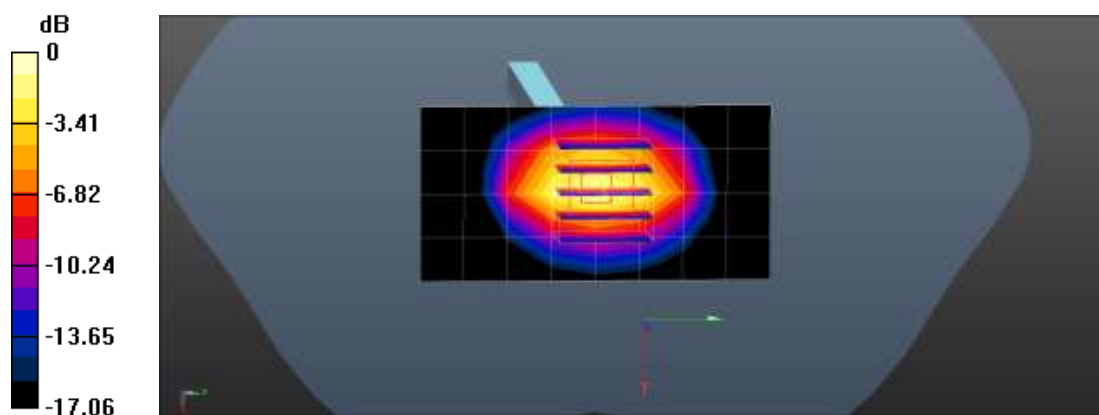
1800MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 43.77 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 3.15 W/kg

SAR(1 g) = 1.78 W/kg; SAR(10 g) = 0.943 W/kg

Maximum value of SAR (measured) = 2.70 W/kg



0 dB = 2.70 W/kg = 4.31 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 20.0 °C
 Test Date: 02/22/2024

Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1800 \text{ MHz}$; $\sigma = 1.405 \text{ S/m}$; $\epsilon_r = 41.171$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(9.05, 9.05, 9.05) @ 1800 MHz; Calibrated: 2023-08-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1687; Calibrated: 2023-07-18
- Phantom: Twin-SAM V8.0 (Right-Left); Type: QD 000 P41 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

1800MHz Head Verification/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 2.78 W/kg

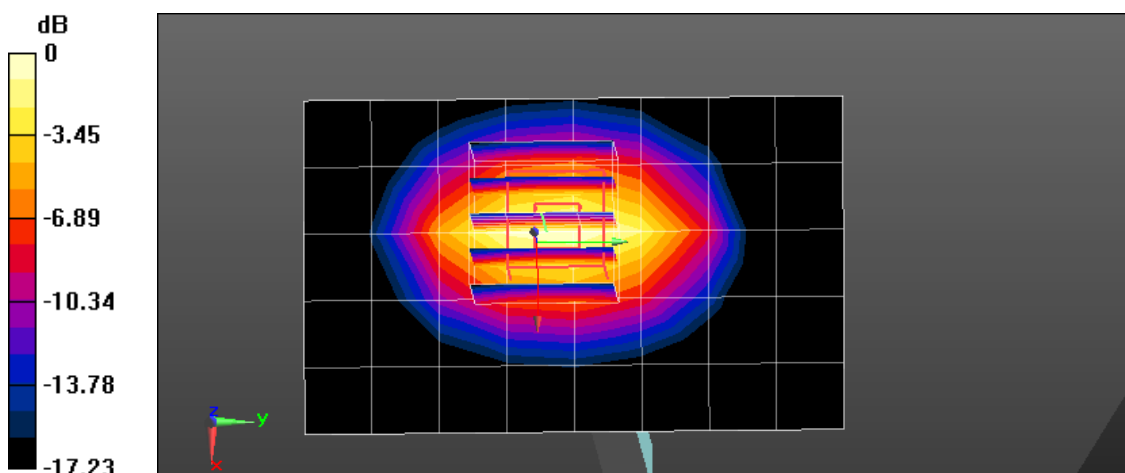
1800MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 37.50 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 3.32 W/kg

SAR(1 g) = 1.82 W/kg; SAR(10 g) = 0.971 W/kg

Maximum value of SAR (measured) = 2.77 W/kg



0 dB = 2.77 W/kg = 4.42 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 21.3 °C
 Test Date: 03/07/2024

Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1800 \text{ MHz}$; $\sigma = 1.355 \text{ S/m}$; $\epsilon_r = 41.133$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7732; ConvF(9.01, 9.01, 9.01) @ 1800 MHz; Calibrated: 2023-06-20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn504; Calibrated: 2024-01-30
- Phantom: Twin-SAM V4.0 (20deg probe tilt)_Left-Right; Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

1800MHz Head Verification/Area Scan (6x10x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 2.00 W/kg

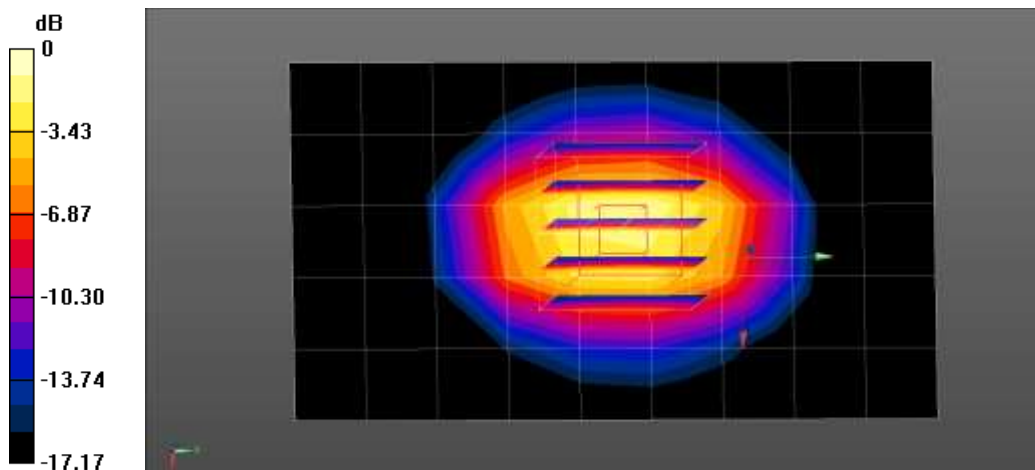
1800MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 46.05 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 3.26 W/kg

SAR(1 g) = 1.78 W/kg; SAR(10 g) = 0.943 W/kg

Maximum value of SAR (measured) = 2.74 W/kg



0 dB = 2.74 W/kg = 4.38 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 20.9 °C
 Test Date: 02/24/2024

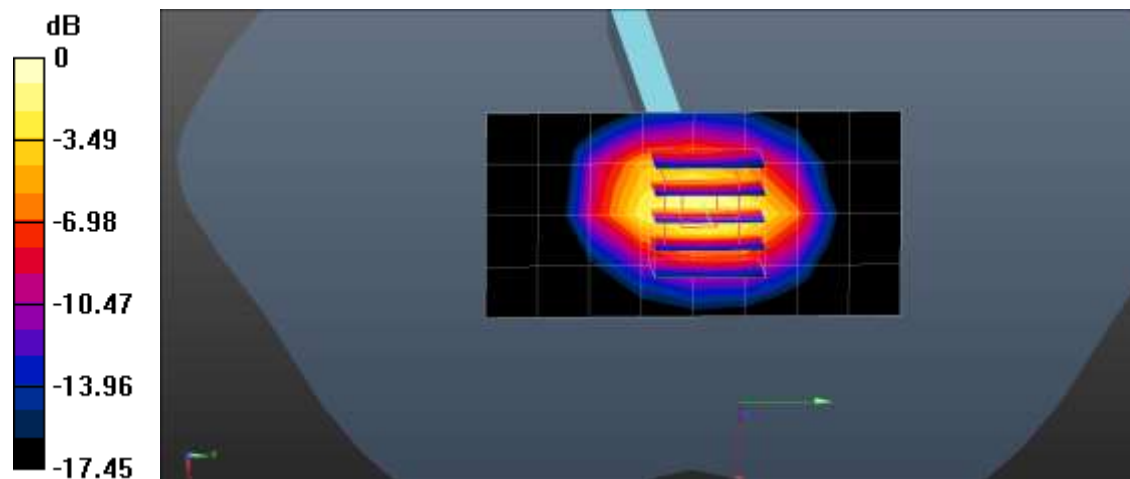
Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.391 \text{ S/m}$; $\epsilon_r = 39.032$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7681; ConvF(7.94, 8.33, 8.49) @ 1900 MHz; Calibrated: 2023-11-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2023-04-25
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

1900MHz Head Verification/Area Scan (5x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 2.68 W/kg

1900MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 46.63 V/m; Power Drift = 0.17 dB
 Peak SAR (extrapolated) = 3.40 W/kg
SAR(1 g) = 1.94 W/kg; SAR(10 g) = 1.02 W/kg
 Maximum value of SAR (measured) = 2.92 W/kg



0 dB = 2.92 W/kg = 4.65 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 20.2 °C
 Test Date: 02/06/2024

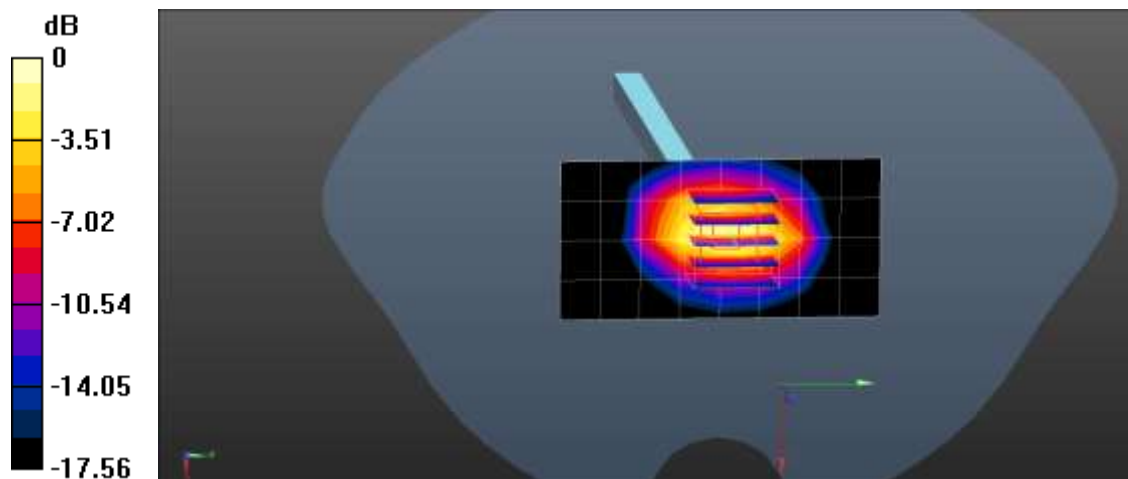
Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.403 \text{ S/m}$; $\epsilon_r = 38.87$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7681; ConvF(7.94, 8.33, 8.49) @ 1900 MHz; Calibrated: 2023-11-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2023-04-25
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

1900MHz Head Verification/Area Scan (5x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 2.73 W/kg

1900MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 46.67 V/m; Power Drift = 0.13 dB
 Peak SAR (extrapolated) = 3.48 W/kg
SAR(1 g) = 1.96 W/kg; SAR(10 g) = 1.04 W/kg
 Maximum value of SAR (measured) = 2.98 W/kg



0 dB = 2.98 W/kg = 4.74 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 21.0 °C
 Test Date: 02/21/2024

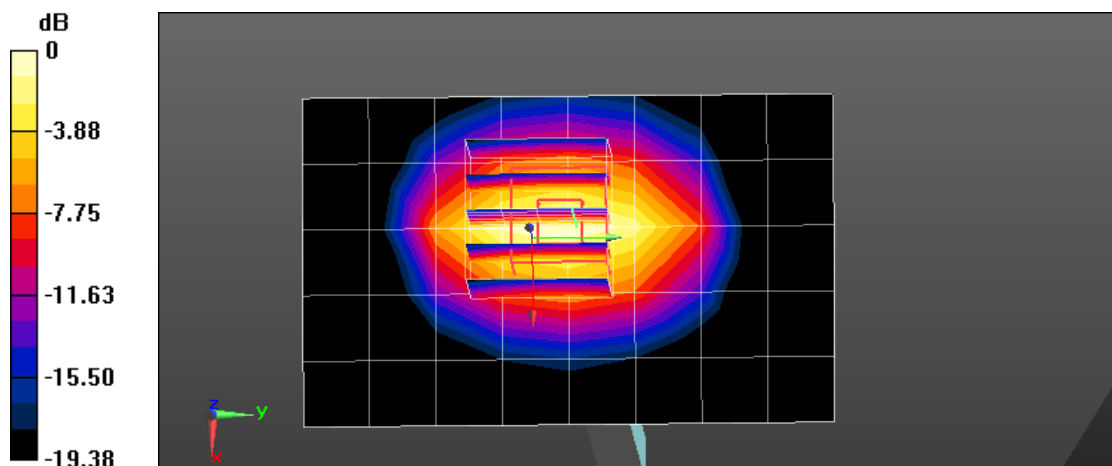
Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.462 \text{ S/m}$; $\epsilon_r = 40.411$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(8.64, 8.64, 8.64) @ 1900 MHz; Calibrated: 2023-08-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1687; Calibrated: 2023-07-18
- Phantom: Twin-SAM V8.0 (Right-Left); Type: QD 000 P41 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

1900MHz Head Verification/Area Scan (6x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 3.21 W/kg

1900MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 38.59 V/m; Power Drift = 0.16 dB
 Peak SAR (extrapolated) = 3.87 W/kg
SAR(1 g) = 2.03 W/kg; SAR(10 g) = 1.04 W/kg
 Maximum value of SAR (measured) = 3.15 W/kg



0 dB = 3.15 W/kg = 4.98 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 19.8 °C
 Test Date: 02/02/2024

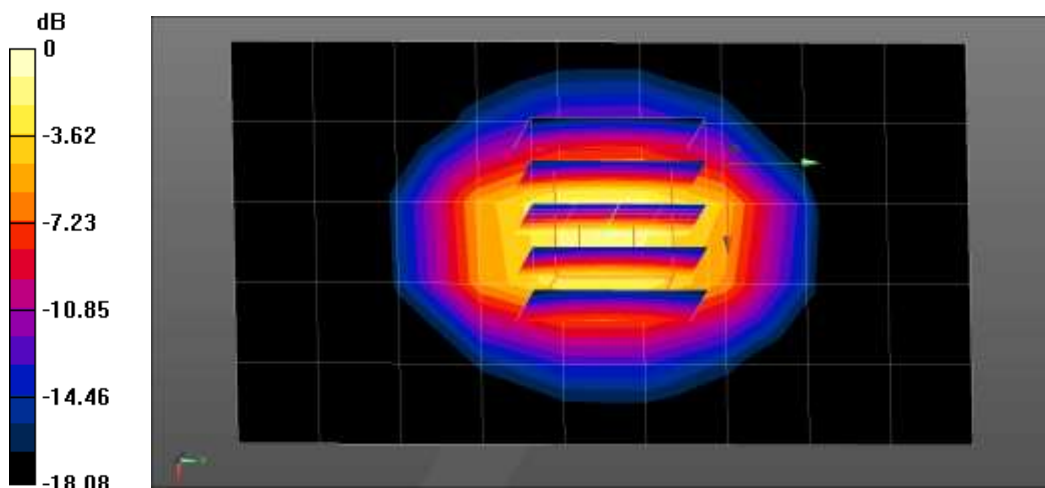
Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.392 \text{ S/m}$; $\epsilon_r = 38.953$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7732; ConvF(8.62, 8.62, 8.62) @ 1900 MHz; Calibrated: 2023-06-20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn504; Calibrated: 2024-01-30
- Phantom: Twin-SAM V4.0 (20deg probe tilt)_Left-Right; Type: QD 000 P40 CC;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

1900MHz Head Verification/Area Scan (6x10x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 2.10 W/kg

1900MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 48.74 V/m; Power Drift = -0.00 dB
 Peak SAR (extrapolated) = 3.82 W/kg
SAR(1 g) = 2 W/kg; SAR(10 g) = 1.03 W/kg
 Maximum value of SAR (measured) = 3.16 W/kg



0 dB = 3.16 W/kg = 5.00 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 19.9 °C
 Test Date: 02/22/2024

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2450 \text{ MHz}$; $\sigma = 1.83 \text{ S/m}$; $\epsilon_r = 38.421$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(7.94, 7.91, 8.56) @ 2450 MHz; Calibrated: 2023-05-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn652; Calibrated: 2024-01-17
- Phantom: Twin-SAM V4.0 (20deg probe tilt); Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

2450MHz Head Verification/Area Scan (7x7x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 3.99 W/kg

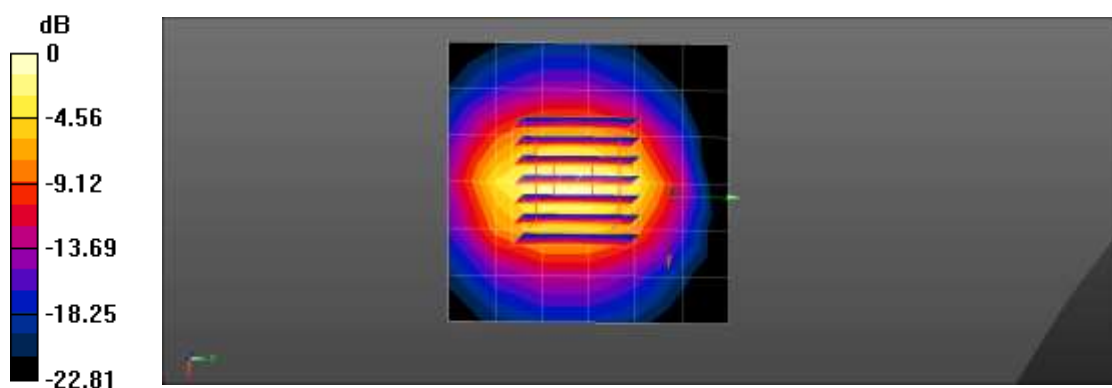
2450MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 49.36 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 5.14 W/kg

SAR(1 g) = 2.5 W/kg; SAR(10 g) = 1.15 W/kg

Maximum value of SAR (measured) = 4.20 W/kg



0 dB = 4.20 W/kg = 6.23 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 20.8 °C
 Test Date: 02/23/2024

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2450 \text{ MHz}$; $\sigma = 1.829 \text{ S/m}$; $\epsilon_r = 38.221$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(7.94, 7.91, 8.56) @ 2450 MHz; Calibrated: 2023-05-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn652; Calibrated: 2024-01-17
- Phantom: Twin-SAM V4.0 (20deg probe tilt); Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

2450MHz Head Verification/Area Scan (7x7x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 3.79 W/kg

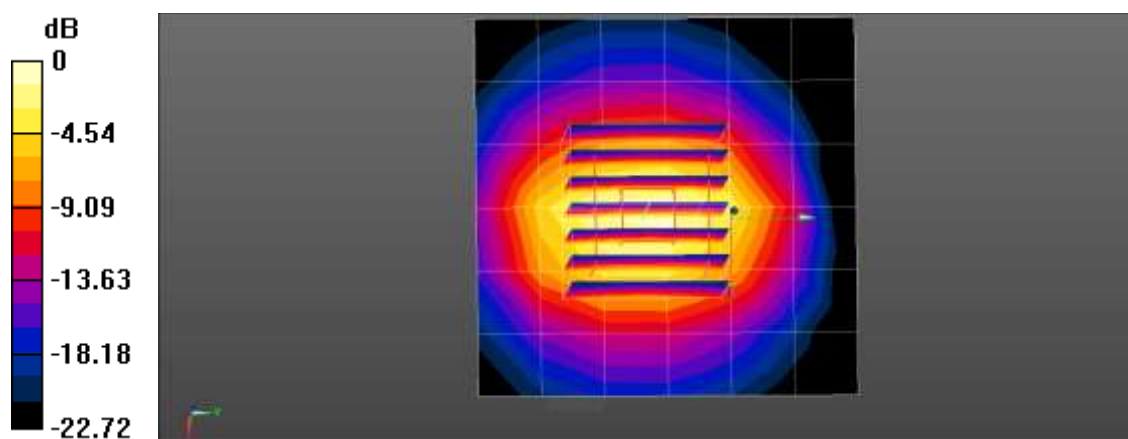
2450MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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

Peak SAR (extrapolated) = 5.05 W/kg

SAR(1 g) = 2.48 W/kg; SAR(10 g) = 1.14 W/kg

Maximum value of SAR (measured) = 4.13 W/kg



0 dB = 4.13 W/kg = 6.16 dBW/kg

■ **Verification Data (2 600 MHz Head)**

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 21.6 °C
 Test Date: 01/24/2024

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.033$ S/m; $\epsilon_r = 37.819$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7622; ConvF(7.89, 7.52, 7.77) @ 2600 MHz; Calibrated: 2023-11-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1629; Calibrated: 2023-08-21
- Phantom: Twin-SAM V4.0 Right; Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

2600MHz Head Verification/Area Scan (7x7x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 3.44 W/kg

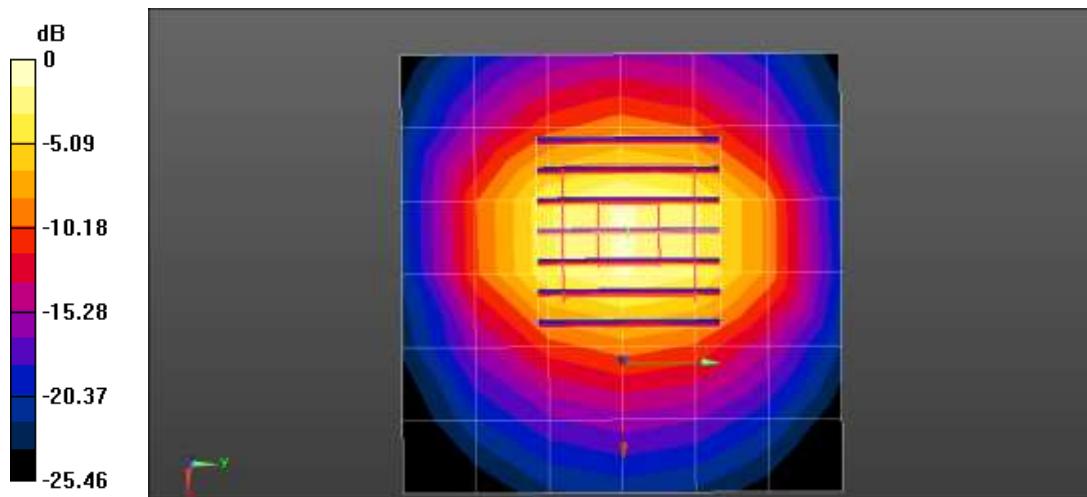
2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 43.48 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 6.02 W/kg

SAR(1 g) = 2.68 W/kg; SAR(10 g) = 1.17 W/kg

Maximum value of SAR (measured) = 4.74 W/kg



0 dB = 4.74 W/kg = 6.76 dBW/kg

■ **Verification Data (5 250 MHz Head)**

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 20.8 °C
Test Date: 02/21/2024

Communication System: UID 0, CW (0); Frequency: 5250 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5250 \text{ MHz}$; $\sigma = 4.691 \text{ S/m}$; $\epsilon_r = 36.016$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7751; ConvF(5.2, 5.2, 5.2) @ 5250 MHz; Calibrated: 2023-10-06
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2023-11-16
- Phantom: SAM with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5250MHz Head Verification/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 6.40 W/kg

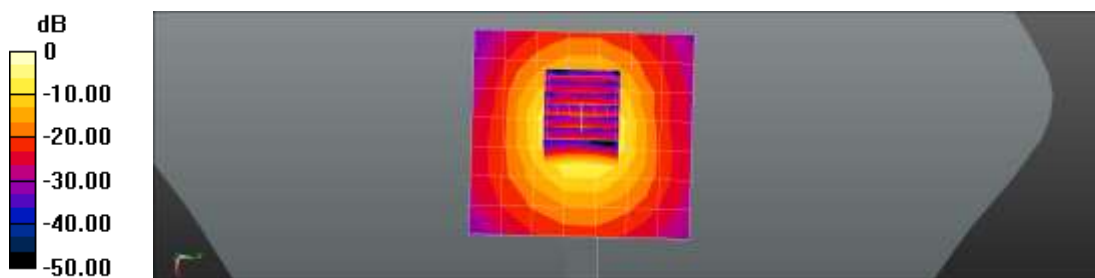
5250MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 52.75 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 16.8 W/kg

SAR(1 g) = 3.97 W/kg; SAR(10 g) = 1.13 W/kg

Maximum value of SAR (measured) = 10.2 W/kg



0 dB = 10.2 W/kg = 10.09 dBW/kg

■ **Verification Data (5 600 Mhz Head)**

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 20.2 °C
 Test Date: 02/22/2024

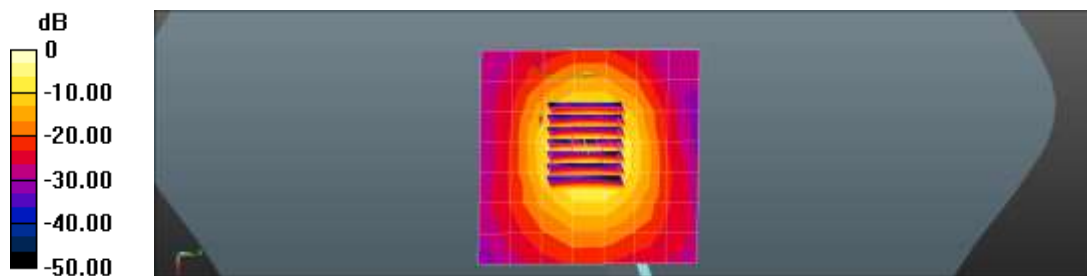
Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5600 \text{ MHz}$; $\sigma = 5.109 \text{ S/m}$; $\epsilon_r = 35.55$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7751; ConvF(4.51, 4.51, 4.51) @ 5600 MHz; Calibrated: 2023-10-06
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2023-11-16
- Phantom: SAM with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5600MHz Head Verification/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 7.17 W/kg

5600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
 Reference Value = 51.83 V/m; Power Drift = 0.08 dB
 Peak SAR (extrapolated) = 20.2 W/kg
SAR(1 g) = 4.26 W/kg; SAR(10 g) = 1.2 W/kg
 Maximum value of SAR (measured) = 11.5 W/kg



0 dB = 11.5 W/kg = 10.61 dBW/kg

■ **Verification Data (5 750 MHz Head)**

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 22.0 °C
 Test Date: 02/23/2024

Communication System: UID 0, CW (0); Frequency: 5750 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5750 \text{ MHz}$; $\sigma = 5.321 \text{ S/m}$; $\epsilon_r = 35.53$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7751; ConvF(4.7, 4.7, 4.7) @ 5750 MHz; Calibrated: 2023-10-06
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2023-11-16
- Phantom: SAM with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5750MHz Head Verification/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 6.92 W/kg

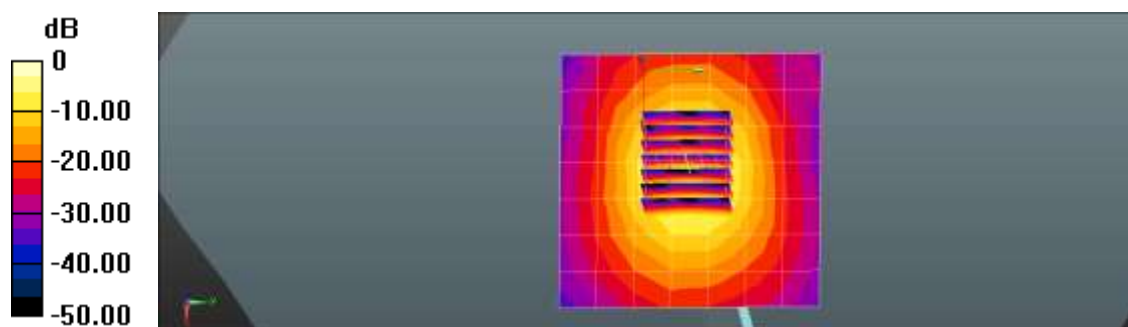
5750MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 49.55 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 19.5 W/kg

SAR(1 g) = 4 W/kg; SAR(10 g) = 1.12 W/kg

Maximum value of SAR (measured) = 10.7 W/kg



0 dB = 10.7 W/kg = 10.29 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 19.8 °C
 Test Date: 03/11/2024

Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 835 \text{ MHz}$; $\sigma = 0.925 \text{ S/m}$; $\epsilon_r = 42.442$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

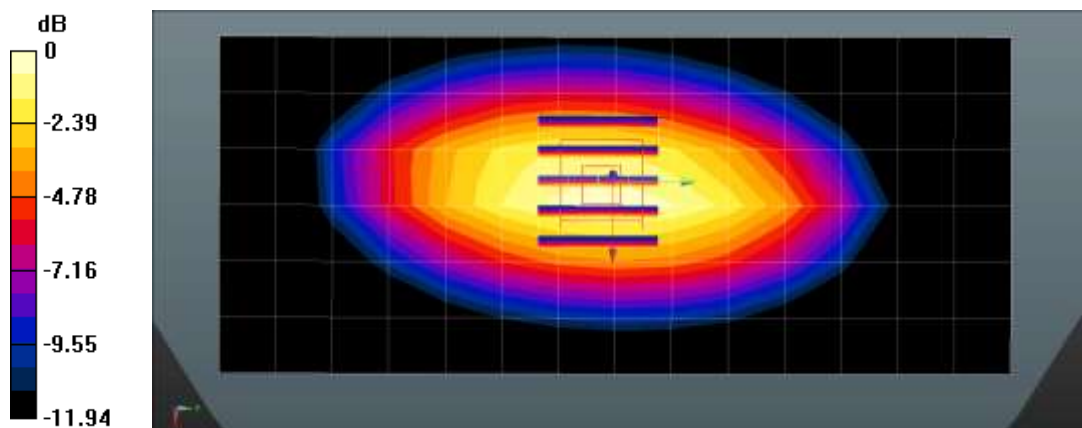
- Probe: EX3DV4 - SN7370; ConvF(10.01, 10.01, 10.01) @ 835 MHz; Calibrated: 2023-08-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2023-07-04
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

835MHz Head Verification/Area Scan (7x15x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.604 W/kg

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

Reference Value = 26.57 V/m; Power Drift = 0.16 dB
 Peak SAR (extrapolated) = 0.754 W/kg

SAR(1 g) = 0.469 W/kg; SAR(10 g) = 0.298 W/kg
 Maximum value of SAR (measured) = 0.652 W/kg



0 dB = 0.652 W/kg = -1.86 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 20.4 °C
 Test Date: 02/29/2024

Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1800 \text{ MHz}$; $\sigma = 1.404 \text{ S/m}$; $\epsilon_r = 39.419$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(9.05, 9.05, 9.05) @ 1800 MHz; Calibrated: 2023-08-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1687; Calibrated: 2023-07-18
- Phantom: Twin-SAM V8.0 (Right-Left); Type: QD 000 P41 Ax; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

1800MHz Head Verification/Area Scan (6x9x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 2.77 W/kg

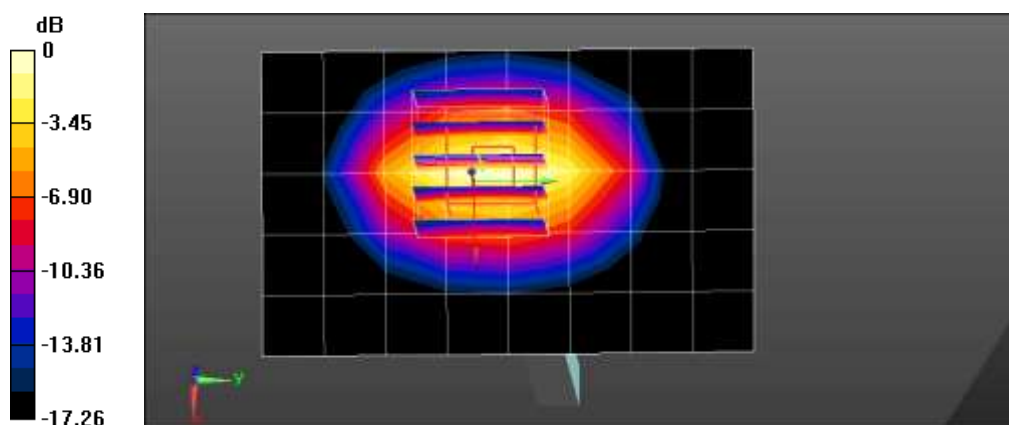
1800MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 37.52 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 3.33 W/kg

SAR(1 g) = 1.82 W/kg; SAR(10 g) = 0.968 W/kg

Maximum value of SAR (measured) = 2.77 W/kg



0 dB = 2.77 W/kg = 4.42 dBW/kg

■ Verification Data (2 600 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 21.8 °C
Test Date: 02/14/2024

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.032$ S/m; $\epsilon_r = 37.813$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7622; ConvF(7.89, 7.52, 7.77) @ 2600 MHz; Calibrated: 2023-11-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1629; Calibrated: 2023-08-21
- Phantom: Twin-SAM V4.0 Right; Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

2600MHz Head Verification/Area Scan (7x7x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 3.49 W/kg

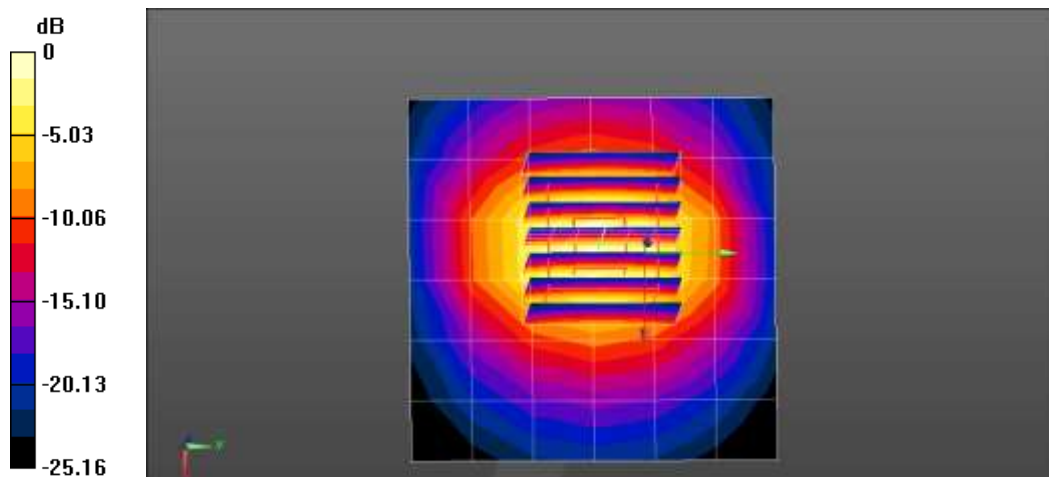
2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 43.03 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 6.01 W/kg

SAR(1 g) = 2.68 W/kg; SAR(10 g) = 1.17 W/kg

Maximum value of SAR (measured) = 4.73 W/kg



0 dB = 4.73 W/kg = 6.75 dBW/kg

■ **Verification Data (2 600 MHz Head)**

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 22.1 °C
 Test Date: 02/29/2024

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2600 \text{ MHz}$; $\sigma = 2.008 \text{ S/m}$; $\epsilon_r = 39.144$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(7.87, 7.41, 7.6) @ 2600 MHz; Calibrated: 2023-07-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn466; Calibrated: 2023-04-25
- Phantom: SAM_Right_20170913; Type: QD000P40CC; Serial: 1070
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

2600MHz Head Verification/Area Scan (6x11x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 3.53 W/kg

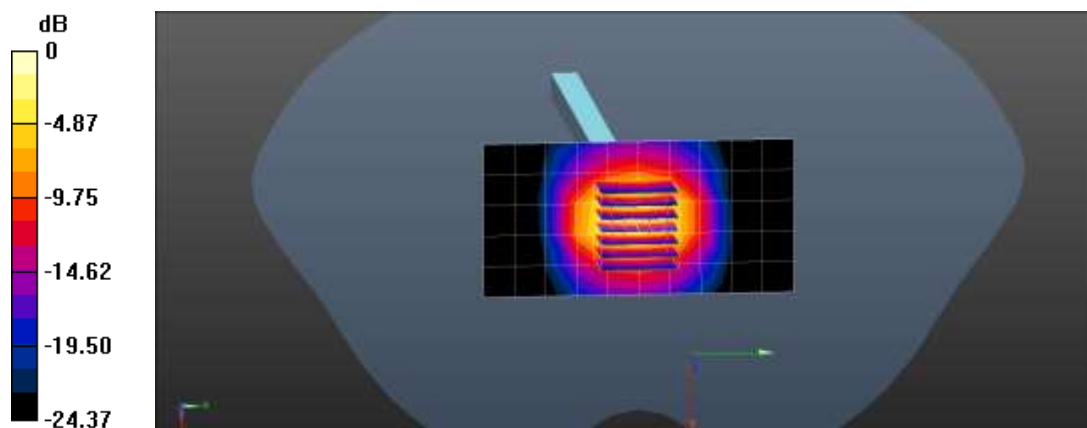
2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 50.94 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 5.87 W/kg

SAR(1 g) = 2.72 W/kg; SAR(10 g) = 1.21 W/kg

Maximum value of SAR (measured) = 4.70 W/kg



0 dB = 4.70 W/kg = 6.72 dBW/kg

■ **Verification Data (2 600 MHz Head)**

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 22.0 °C
 Test Date: 03/04/2024

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.008$ S/m; $\epsilon_r = 39.137$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(7.87, 7.41, 7.6) @ 2600 MHz; Calibrated: 2023-07-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1417; Calibrated: 2024-02-16
- Phantom: SAM_Right_20170913; Type: QD000P40CC; Serial: 1070
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

2600MHz Head Verification/Area Scan (6x11x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 3.69 W/kg

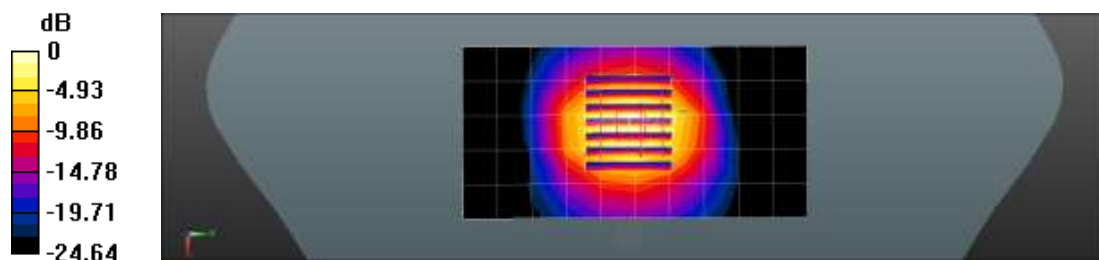
2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 49.84 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 5.69 W/kg

SAR(1 g) = 2.63 W/kg; SAR(10 g) = 1.16 W/kg

Maximum value of SAR (measured) = 4.56 W/kg



0 dB = 4.56 W/kg = 6.59 dBW/kg

■ **Verification Data (2 600 MHz Head)**

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 20.5 °C
 Test Date: 03/05/2024

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2600 \text{ MHz}$; $\sigma = 2.008 \text{ S/m}$; $\epsilon_r = 39.136$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(7.87, 7.41, 7.6) @ 2600 MHz; Calibrated: 2023-07-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn466; Calibrated: 2023-04-25
- Phantom: SAM_Right_20170913; Type: QD000P40CC; Serial: 1070
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

2600MHz Head Verification/Area Scan (6x11x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 3.53 W/kg

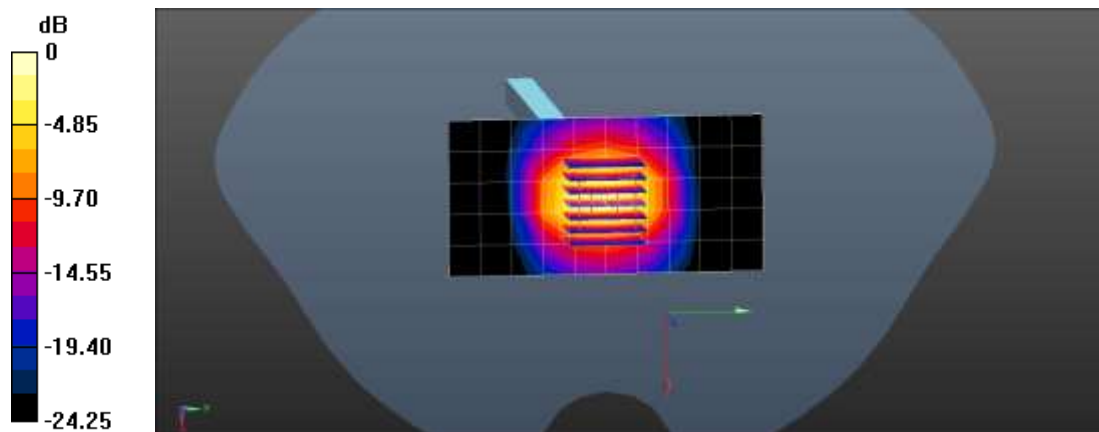
2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 51.00 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 5.82 W/kg

SAR(1 g) = 2.72 W/kg; SAR(10 g) = 1.21 W/kg

Maximum value of SAR (measured) = 4.65 W/kg



0 dB = 4.65 W/kg = 6.67 dBW/kg

■ **Verification Data (3 500 MHz Head)**

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 19.8 °C
 Test Date: 02/22/2024

Communication System: UID 0, CW (0); Frequency: 3500 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 3500 \text{ MHz}$; $\sigma = 2.917 \text{ S/m}$; $\epsilon_r = 38.062$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7622; ConvF(7.12, 6.89, 7.07) @ 3500 MHz; Calibrated: 2023-11-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1629; Calibrated: 2023-08-21
- Phantom: Twin-SAM V8.0_20171017(Left2); Type: QD 000 P41 AA; Serial: 1932
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

3500MHz Head Verification/Area Scan (7x7x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 6.08 W/kg

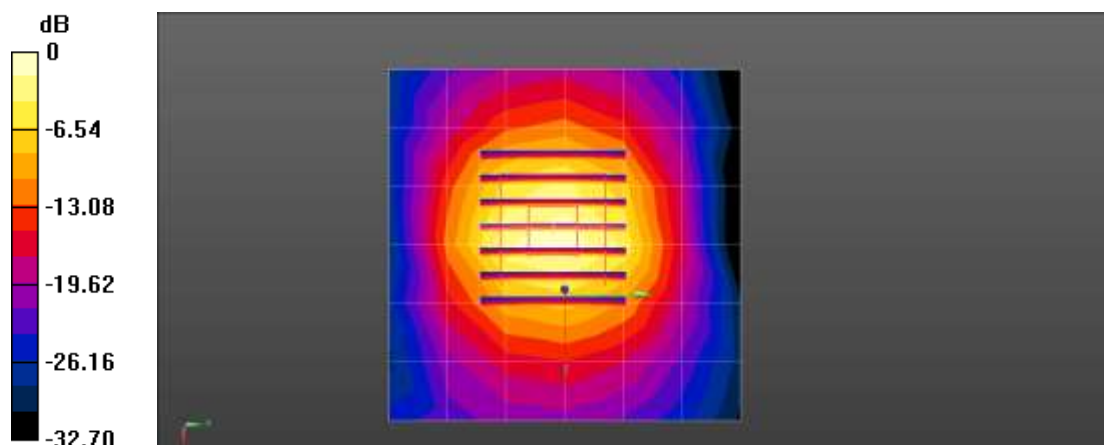
3500MHz Head Verification/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 48.42 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 9.00 W/kg

SAR(1 g) = 3.51 W/kg; SAR(10 g) = 1.34 W/kg

Maximum value of SAR (measured) = 6.79 W/kg



0 dB = 6.79 W/kg = 8.32 dBW/kg

■ **Verification Data (3 700 MHz Head)**

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 19.8 °C
 Test Date: 02/22/2024

Communication System: UID 0, CW (0); Frequency: 3700 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 3700 \text{ MHz}$; $\sigma = 3.09 \text{ S/m}$; $\epsilon_r = 37.833$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7622; ConvF(7.03, 6.78, 7) @ 3700 MHz; Calibrated: 2023-11-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1629; Calibrated: 2023-08-21
- Phantom: Twin-SAM V8.0_20171017(Left2); Type: QD 000 P41 AA; Serial: 1932
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

3700MHz Head Verification/Area Scan (7x7x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 6.72 W/kg

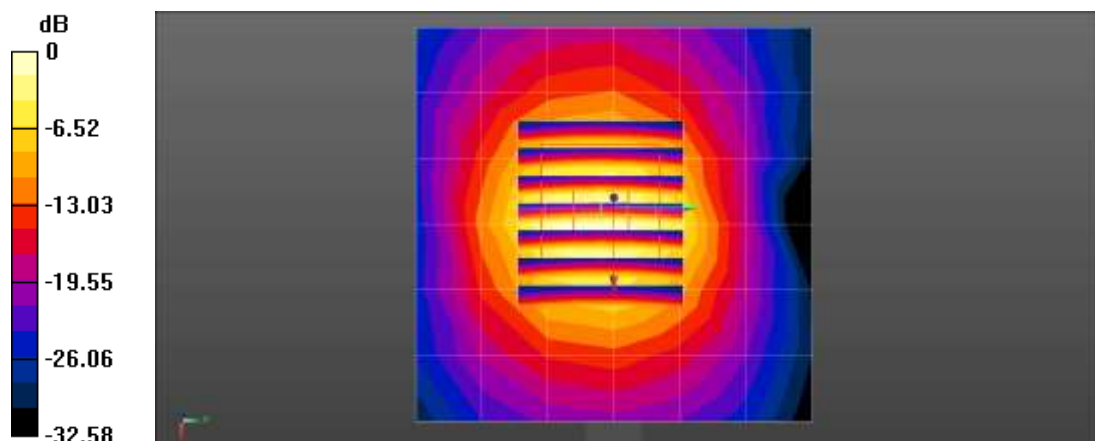
3700MHz Head Verification/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 49.60 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 9.40 W/kg

SAR(1 g) = 3.54 W/kg; SAR(10 g) = 1.32 W/kg

Maximum value of SAR (measured) = 6.95 W/kg



0 dB = 6.95 W/kg = 8.42 dBW/kg

■ **Verification Data (3 900 MHz Head)**

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 19.8 °C
 Test Date: 02/22/2024

Communication System: UID 0, CW (0); Frequency: 3900 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 3900 \text{ MHz}$; $\sigma = 3.234 \text{ S/m}$; $\epsilon_r = 37.623$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7622; ConvF(6.89, 6.67, 6.86) @ 3900 MHz; Calibrated: 2023-11-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1629; Calibrated: 2023-08-21
- Phantom: Twin-SAM V8.0_20171017(Left2); Type: QD 000 P41 AA; Serial: 1932
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

3900MHz Head Verification/Area Scan (7x7x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 7.03 W/kg

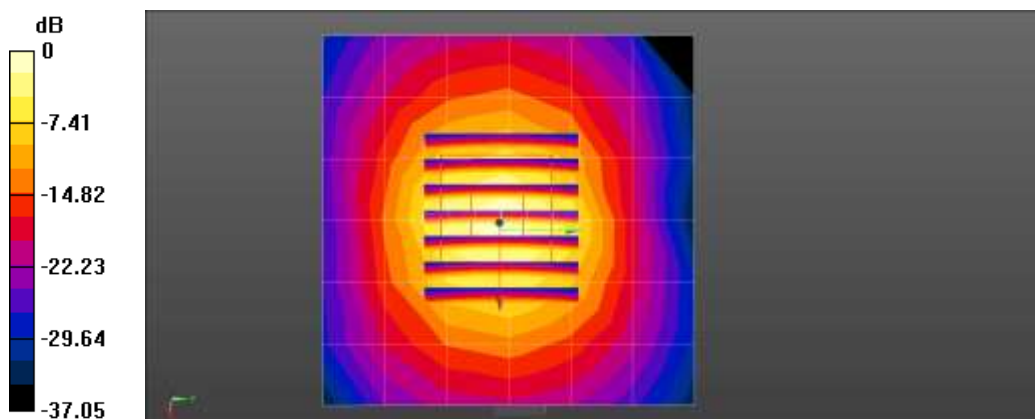
3900MHz Head Verification/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 49.87 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 9.93 W/kg

SAR(1 g) = 3.55 W/kg; SAR(10 g) = 1.27 W/kg

Maximum value of SAR (measured) = 7.22 W/kg



0 dB = 7.22 W/kg = 8.59 dBW/kg

■ **Verification Data (13 MHz Head)**

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 22.0 °C
 Test Date: 02/23/2024

Communication System: UID 0, NFC (0); Frequency: 13 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 13 \text{ MHz}$; $\sigma = 0.748 \text{ S/m}$; $\epsilon_r = 53.719$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3076; ConvF(5.8, 5.8, 5.8) @ 13 MHz; Calibrated: 2023-07-18
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2023-11-16
- Phantom: ELI v5.0 Left; Type: QDOVA002AA;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

13MHz Head Verification/Area Scan (19x19x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 0.0334 W/kg

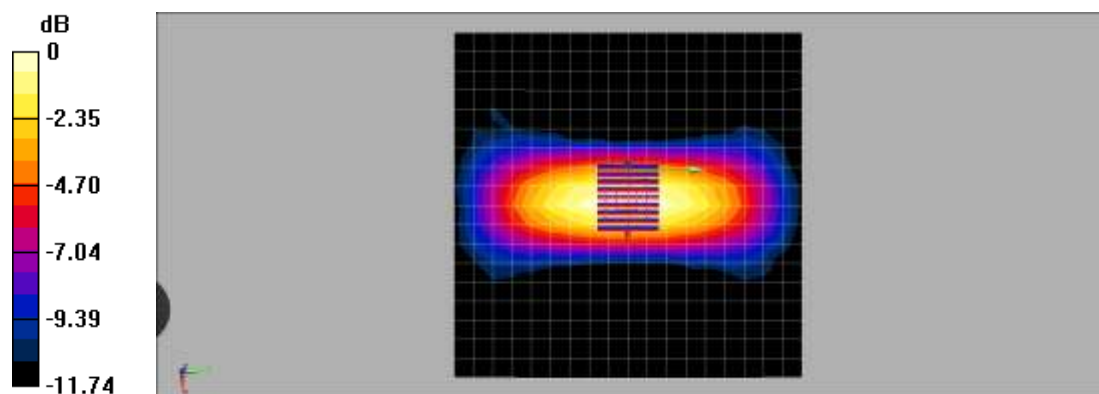
13MHz Head Verification/Zoom Scan (9x9x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.672 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.0580 W/kg

SAR(1 g) = 0.029 W/kg; SAR(10 g) = 0.018 W/kg

Maximum value of SAR (measured) = 0.0342 W/kg



0 dB = 0.0342 W/kg = -14.66 dBW/kg

■ Verification Data (5 250 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 20.8 °C
Test Date: 02/21/2024

Communication System: UID 0, CW (0); Frequency: 5250 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5250 \text{ MHz}$; $\sigma = 4.691 \text{ S/m}$; $\epsilon_r = 36.016$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7751; ConvF(5.2, 5.2, 5.2) @ 5250 MHz; Calibrated: 2023-10-06
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2023-11-16
- Phantom: SAM with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5250MHz Head Verification/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 6.40 W/kg

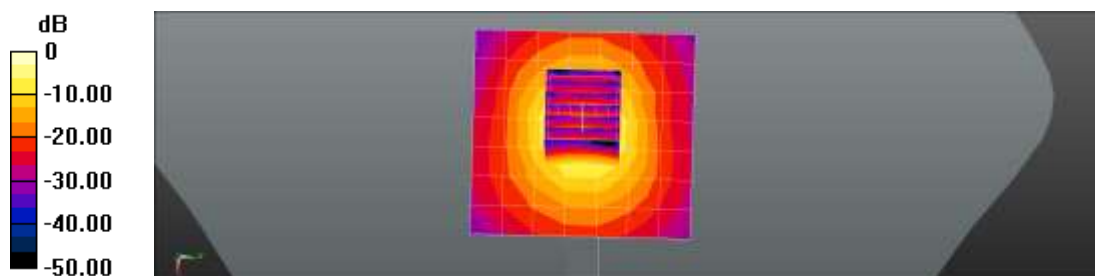
5250MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 52.75 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 16.8 W/kg

SAR(1 g) = 3.97 W/kg; SAR(10 g) = 1.13 W/kg

Maximum value of SAR (measured) = 10.2 W/kg



0 dB = 10.2 W/kg = 10.09 dBW/kg

■ **Verification Data (5 600 Mhz Head)**

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 20.2 °C
Test Date: 02/22/2024

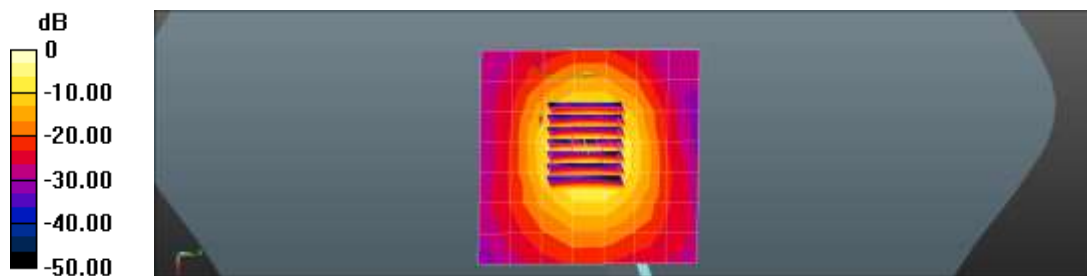
Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5600$ MHz; $\sigma = 5.109$ S/m; $\epsilon_r = 35.55$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7751; ConvF(4.51, 4.51, 4.51) @ 5600 MHz; Calibrated: 2023-10-06
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn446; Calibrated: 2023-11-16
- Phantom: SAM with CRP v5.0_Front; Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

5600MHz Head Verification/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 7.17 W/kg

5600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 51.83 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 20.2 W/kg
SAR(1 g) = 4.26 W/kg; SAR(10 g) = 1.2 W/kg
Maximum value of SAR (measured) = 11.5 W/kg



0 dB = 11.5 W/kg = 10.61 dBW/kg

Appendix D. – SAR Tissue Characterization

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

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

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

Composition of the Tissue Equivalent Matter

Appendix E. – SAR System Validation

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

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

SAR System No.	Probe	Probe Type	Probe Calibration Point	Dipole	Date	Dielectric Parameters		CW Validation			Modulation Validation			
						Measured Permittivity	Measured Conductivity	Sensitivity	Probe Linearity	Probe Isotropy	MOD. Type	Duty Factor	PAR	
11	7679	EX3DV4	Head	750	1014	2023-08-26	41.9	0.88	PASS	PASS	PASS	N/A	N/A	N/A
17	7681	EX3DV4	Head	835	4d165	2023-11-28	41.6	0.91	PASS	PASS	PASS	N/A	N/A	N/A
17	7681	EX3DV4	Head	835	4d165	2023-11-28	41.6	0.91	PASS	PASS	PASS	GMSK	PASS	N/A
11	7679	EX3DV4	Head	835	4d165	2023-08-26	41.6	0.89	PASS	PASS	PASS	N/A	N/A	N/A
6	7370	EX3DV4	Head	835	4d165	2023-08-26	41.6	0.91	PASS	PASS	PASS	N/A	N/A	N/A
17	7681	EX3DV4	Head	1750	2d015	2023-11-28	40.2	1.40	PASS	PASS	PASS	N/A	N/A	N/A
11	7679	EX3DV4	Head	1750	2d015	2023-08-26	40.1	1.40	PASS	PASS	PASS	N/A	N/A	N/A
20	7732	EX3DV4	Head	1750	2d015	2023-06-21	40.1	1.41	PASS	PASS	PASS	N/A	N/A	N/A
17	7681	EX3DV4	Head	1900	5d032	2024-01-20	40.2	1.41	PASS	PASS	PASS	N/A	N/A	N/A
17	7681	EX3DV4	Head	1900	5d032	2024-01-20	40.2	1.41	PASS	PASS	PASS	GMSK	PASS	N/A
11	7679	EX3DV4	Head	1900	5d032	2024-01-20	40.1	1.41	PASS	PASS	PASS	N/A	N/A	N/A
20	7732	EX3DV4	Head	1900	5d032	2024-01-20	40.1	1.42	PASS	PASS	PASS	N/A	N/A	N/A
8	7654	EX3DV4	Head	2450	1049	2023-05-30	39.3	1.84	PASS	PASS	PASS	OFDM	N/A	PASS
7	7622	EX3DV4	Head	2600	1106	2023-11-26	38.8	1.97	PASS	PASS	PASS	TDD	PASS	NA
7	7622	EX3DV4	Head	2600	1106	2023-11-26	38.8	1.97	PASS	PASS	PASS	NA	N/A	NA
3	3903	EX3DV4	Head	2600	1106	2023-07-21	39.1	1.95	PASS	PASS	PASS	NA	N/A	NA
7	7622	EX3DV4	Head	3500	1132	2024-01-25	38.0	2.93	PASS	PASS	PASS	TDD	PASS	NA
7	7622	EX3DV4	Head	3700	1105	2023-11-27	37.8	3.12	PASS	PASS	PASS	TDD	PASS	NA
7	7622	EX3DV4	Head	3900	1019	2023-11-27	37.5	3.25	PASS	PASS	PASS	TDD	PASS	NA
21	7751	EX3DV4	Head	5250	1317	2023-10-08	36.0	4.72	PASS	PASS	PASS	TDD	PASS	NA
21	7751	EX3DV4	Head	5600	1317	2023-10-08	35.6	5.08	PASS	PASS	PASS	TDD	PASS	NA
21	7751	EX3DV4	Head	5750	1317	2023-10-08	35.4	5.25	PASS	PASS	PASS	TDD	PASS	NA

SAR System Validation Summary 1g

SAR System No.	Probe	Probe Type	Probe Calibration Point	Dipole	Date	Dielectric Parameters		CW Validation			Modulation Validation			
						Measured Permittivity	Measured Conductivity	Sensitivity	Probe Linearity	Probe Isotropy	MOD. Type	Duty Factor	PAR	
5	3076	ES3DV3	Head	13	1016	2023-09-25	52.5	0.77	PASS	PASS	PASS	N/A	N/A	N/A
21	7751	EX3DV4	Head	5250	1317	2023-10-08	36.0	4.72	PASS	PASS	PASS	TDD	PASS	NA
21	7751	EX3DV4	Head	5600	1317	2023-10-08	35.6	5.08	PASS	PASS	PASS	TDD	PASS	NA

SAR System Validation Summary 10g

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.