

Appendix A. – SAR Test Plots

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 23.0 °C
Liquid Temperature: 22.9 °C
Test Date: 03/07/2024
Plot No.: A1

DUT: SM-F741U; Type: Bar

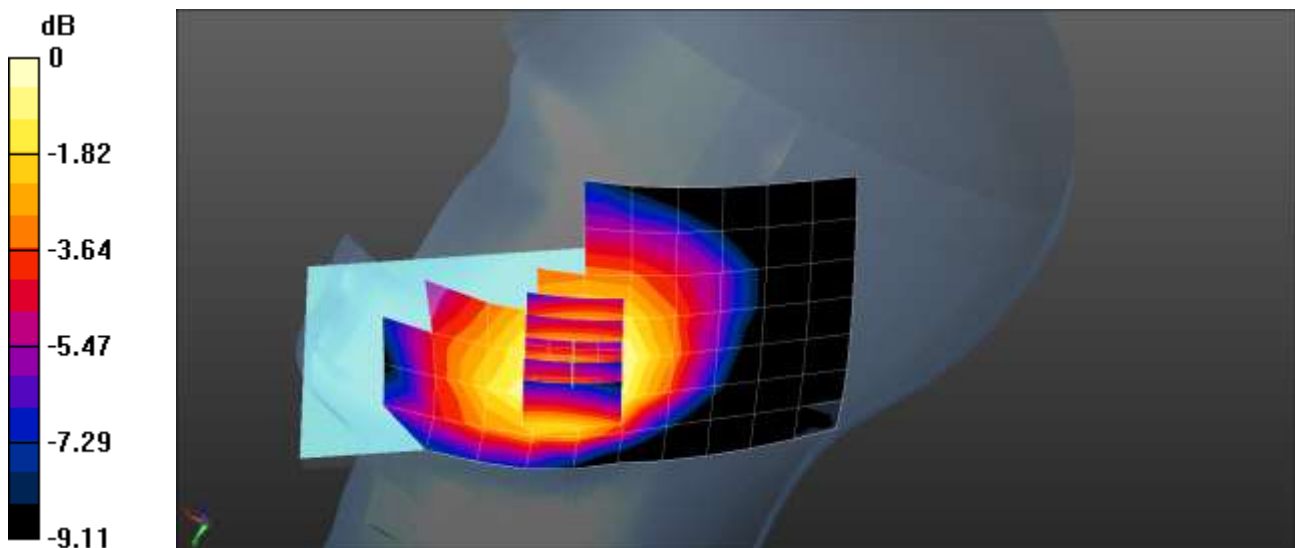
Communication System: UID 0, GSM850 GPRS 4TX (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.07491
Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.932$ S/m; $\epsilon_r = 41.577$; $\rho = 1000$ kg/m³
Phantom section: Right Section

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; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

GSM850 4Tx Head Right Touch 190ch/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.165 W/kg

GSM850 4Tx Head Right Touch 190ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.942 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.180 W/kg
SAR(1 g) = 0.150 W/kg; SAR(10 g) = 0.115 W/kg
Maximum value of SAR (measured) = 0.170 W/kg



0 dB = 0.170 W/kg = -7.70 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 18.5 °C
Liquid Temperature: 18.4 °C
Test Date: 04/11/2024
Plot No.: A2

DUT: SM-F741U; Type: Bar

Communication System: UID 0, GSM 1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:8.30042
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.433$ S/m; $\epsilon_r = 39.887$; $\rho = 1000$ 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 Sn1686; Calibrated: 2023-05-23
- 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 Head Left Touch 661ch/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.0405 W/kg

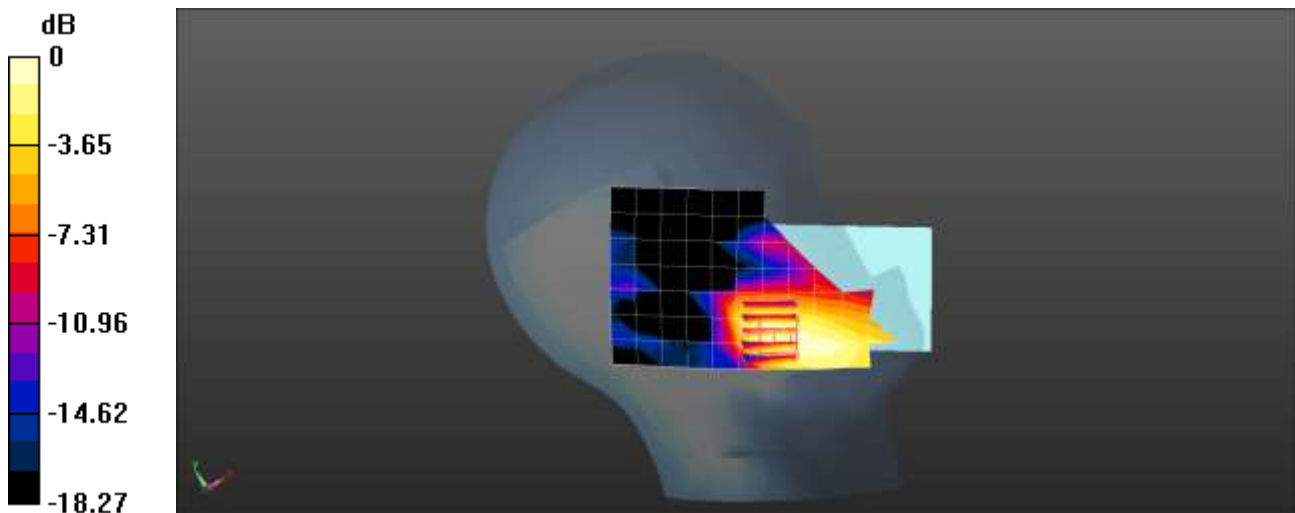
GSM1900 Head Left Touch 661ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

Peak SAR (extrapolated) = 0.0430 W/kg

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

Maximum value of SAR (measured) = 0.0375 W/kg



0 dB = 0.0375 W/kg = -14.26 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 21.9 °C
Liquid Temperature: 21.8 °C
Test Date: 02/29/2024
Plot No.: A3

DUT: SM-F741U; Type: Bar

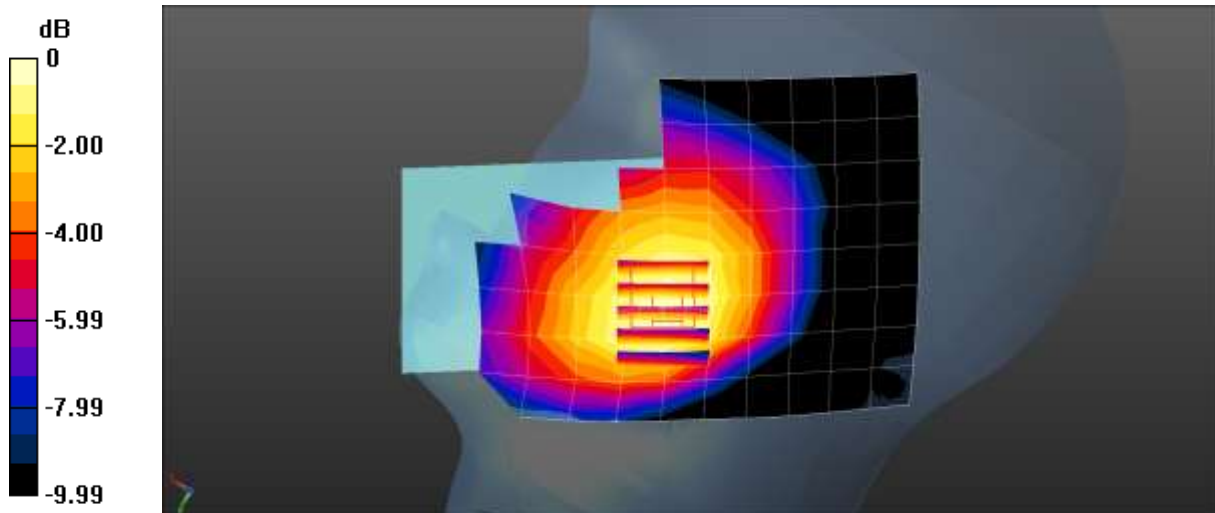
Communication System: UID 0, WCDMA850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.917$ S/m; $\epsilon_r = 41.553$; $\rho = 1000$ kg/m³
Phantom section: Right Section

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; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

UMTS Band 5 Head Right Touch 4183ch/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.218 W/kg

UMTS Band 5 Head Right Touch 4183ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.619 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.238 W/kg
SAR(1 g) = 0.197 W/kg; SAR(10 g) = 0.153 W/kg
Maximum value of SAR (measured) = 0.226 W/kg



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

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Ambient Temperature: 20.5 °C
 Liquid Temperature: 20.4 °C
 Test Date: 03/04/2024
 Plot No.: A4

DUT: SM-F741U; Type: Bar

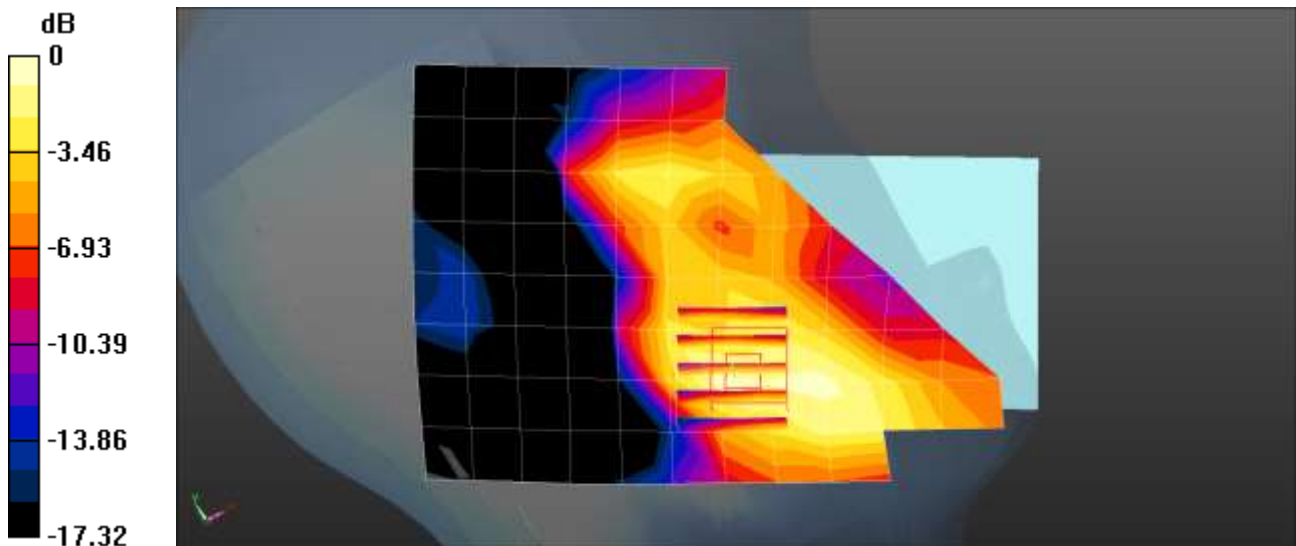
Communication System: UID 0, WCDMA IV (0); Frequency: 1732.4 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1732.4$ MHz; $\sigma = 1.342$ S/m; $\epsilon_r = 41.581$; $\rho = 1000$ kg/m³
 Phantom section: Left Section

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) = 0.0600 W/kg

UMTS Band 4 Head Left Touch 1412ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 0.6570 V/m; Power Drift = 0.17 dB
 Peak SAR (extrapolated) = 0.0800 W/kg
SAR(1 g) = 0.054 W/kg; SAR(10 g) = 0.035 W/kg
 Maximum value of SAR (measured) = 0.0711 W/kg



0 dB = 0.0711 W/kg = -11.48 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 21.3 °C
Liquid Temperature: 21.2 °C
Test Date: 03/05/2024
Plot No.: A5

DUT: SM-F741U; Type: Bar

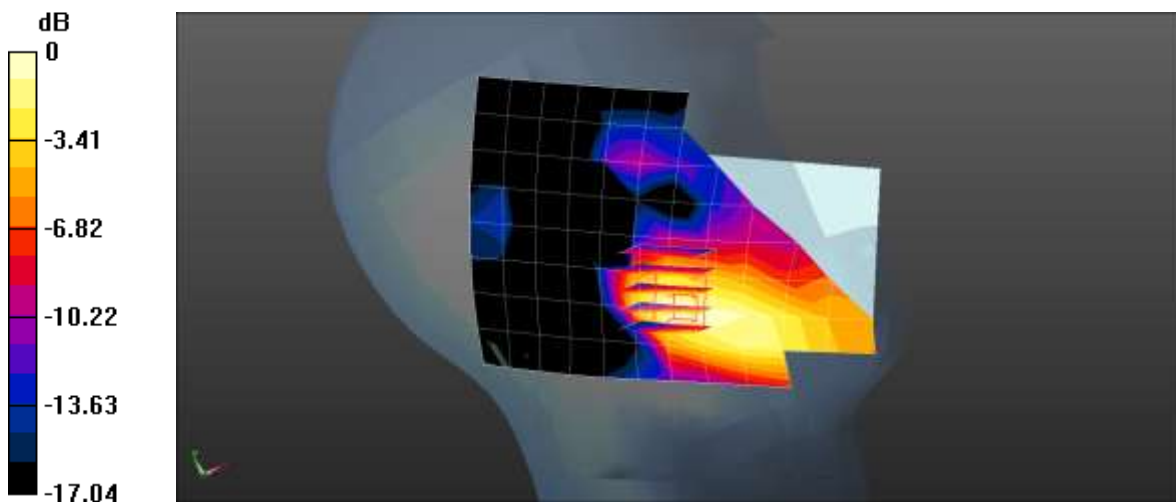
Communication System: UID 0, WCDMA1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.384$ S/m; $\epsilon_r = 38.986$; $\rho = 1000$ kg/m³
Phantom section: Left Section

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) = 0.0654 W/kg

UMTS Band 2 Head Left Touch 9400ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.9070 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.0810 W/kg
SAR(1 g) = 0.052 W/kg; SAR(10 g) = 0.029 W/kg
Maximum value of SAR (measured) = 0.0681 W/kg



0 dB = 0.0681 W/kg = -11.67 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Ambient Temperature: 21.5 °C
 Liquid Temperature: 21.3 °C
 Test Date: 04/06/2024
 Plot No.: A6

DUT: SM-F741U; Type: Bar

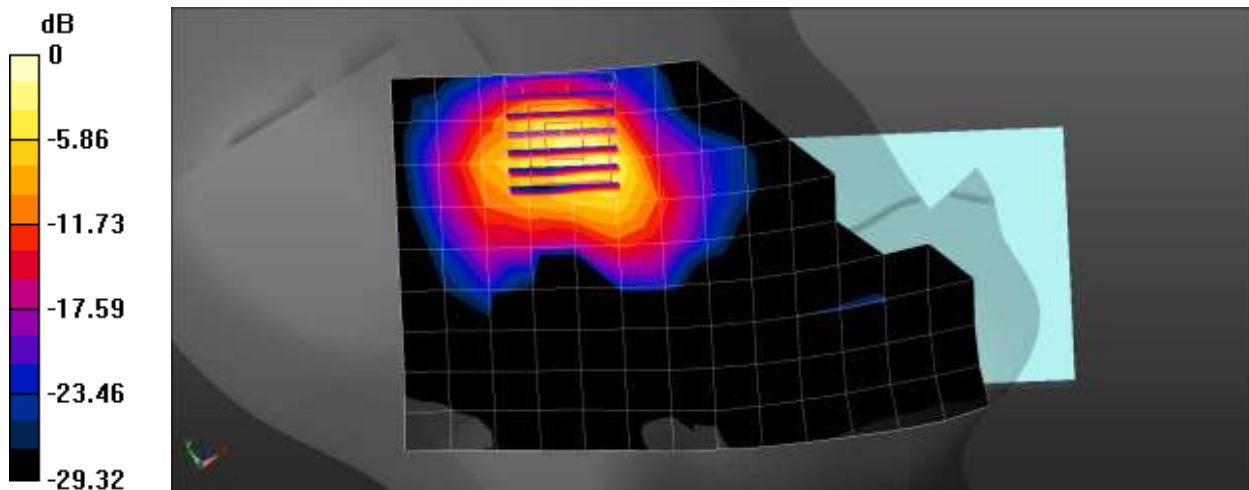
Communication System: UID 0, LTE Band 7 (0); Frequency: 2560 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2560$ MHz; $\sigma = 1.949$ S/m; $\epsilon_r = 38.781$; $\rho = 1000$ kg/m³
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(7.92, 7.86, 8.5) @ 2560 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)

LTE Band 7 Head Left Touch QPSK 20MHz 50RB 0offset 21350ch/Area Scan (10x17x1): Measurement grid:
 dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.945 W/kg

LTE Band 7 Head Left Touch QPSK 20MHz 50RB 0offset 21350ch/Zoom Scan (7x7x7)/Cube 0: Measurement
 grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 3.234 V/m; Power Drift = 0.11 dB
 Peak SAR (extrapolated) = 2.19 W/kg
SAR(1 g) = 0.736 W/kg; SAR(10 g) = 0.275 W/kg
 Maximum value of SAR (measured) = 1.55 W/kg



0 dB = 1.55 W/kg = 1.90 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Ambient Temperature: 21.0 °C
 Liquid Temperature: 20.7 °C
 Test Date: 03/12/2024
 Plot No.: A7

DUT: SM-F741U; Type: Bar

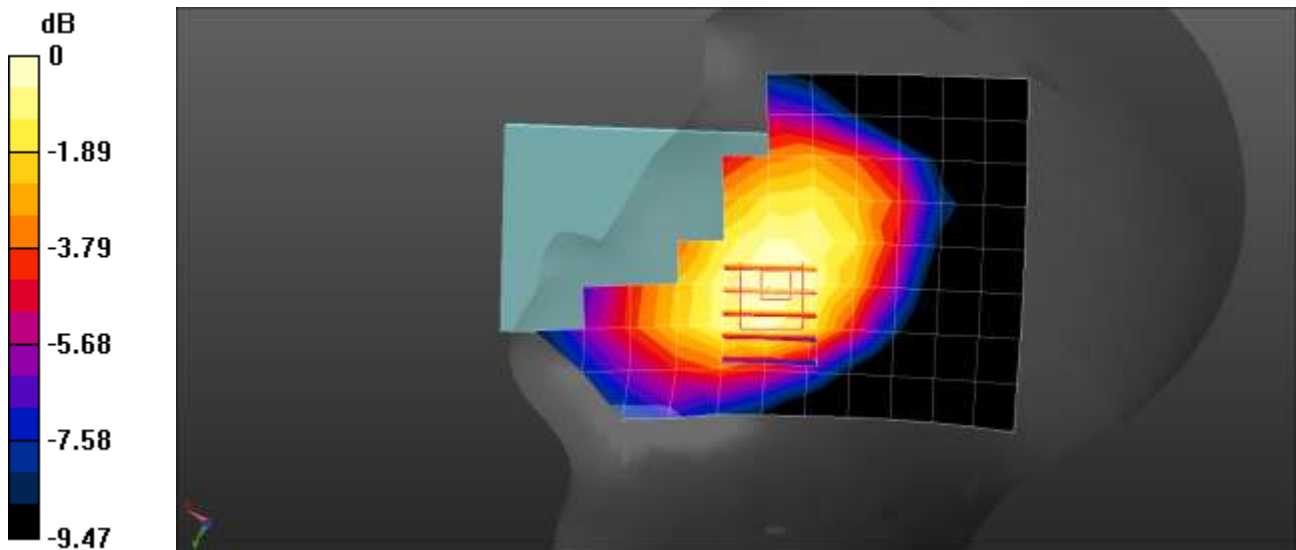
Communication System: UID 0, LTE 12 (0); Frequency: 707.5 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 707.5 \text{ MHz}$; $\sigma = 0.869 \text{ S/m}$; $\epsilon_r = 43.372$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Right Section

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:
 $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.199 W/kg

LTE Band 12 Head Right Touch QPSK 10MHz 1RB 0offset 23095ch/Zoom Scan (5x5x7)/Cube 0: Measurement
 grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 4.793 V/m; Power Drift = -0.15 dB
 Peak SAR (extrapolated) = 0.206 W/kg
SAR(1 g) = 0.176 W/kg; SAR(10 g) = 0.140 W/kg
 Maximum value of SAR (measured) = 0.195 W/kg



0 dB = 0.195 W/kg = -7.10 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Ambient Temperature: 20.7 °C
 Liquid Temperature: 20.5 °C
 Test Date: 03/14/2024
 Plot No.: A8

DUT: SM-F741U; Type: Bar

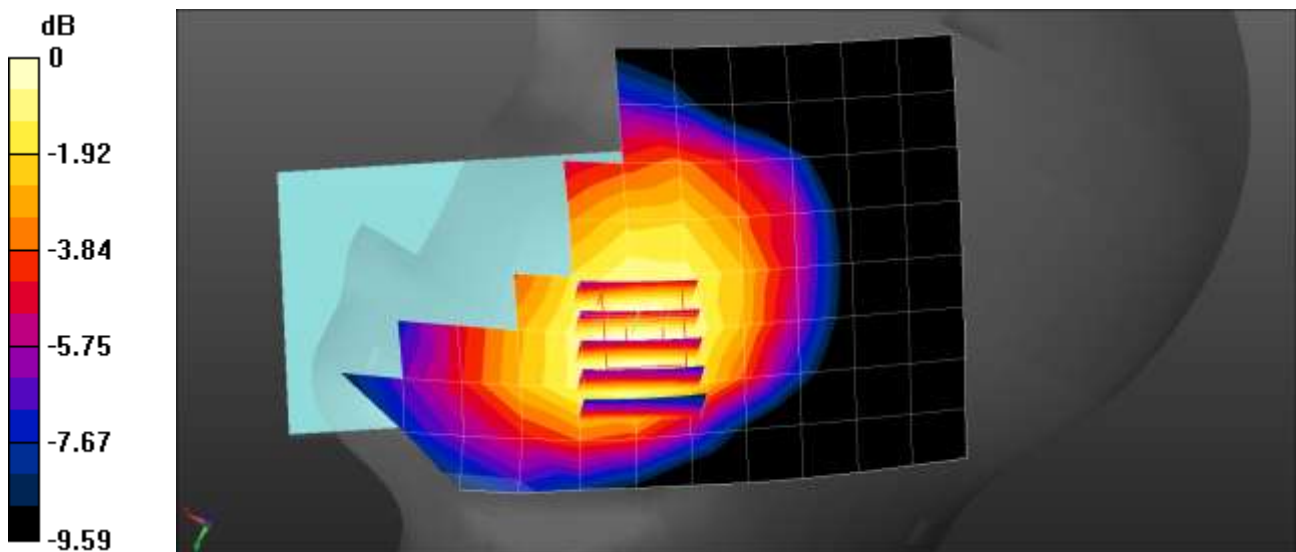
Communication System: UID 0, LTE 13 (0); Frequency: 782 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.927 \text{ S/m}$; $\epsilon_r = 42.283$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(9.65, 10.07, 8.84) @ 782 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 13 Head Right Touch QPSK 10MHz 1RB 24offset 23230ch/Area Scan (9x14x1): Measurement grid:
 $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.214 W/kg

LTE Band 13 Head Right Touch QPSK 10MHz 1RB 24offset 23230ch/Zoom Scan (5x5x7)/Cube 0:
 Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 3.195 V/m; Power Drift = 0.09 dB
 Peak SAR (extrapolated) = 0.223 W/kg
SAR(1 g) = 0.185 W/kg; SAR(10 g) = 0.142 W/kg
 Maximum value of SAR (measured) = 0.208 W/kg



0 dB = 0.208 W/kg = -6.82 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Ambient Temperature: 19.5 °C
 Liquid Temperature: 19.4 °C
 Test Date: 03/16/2024
 Plot No.: A9

DUT: SM-F741U; Type: Bar

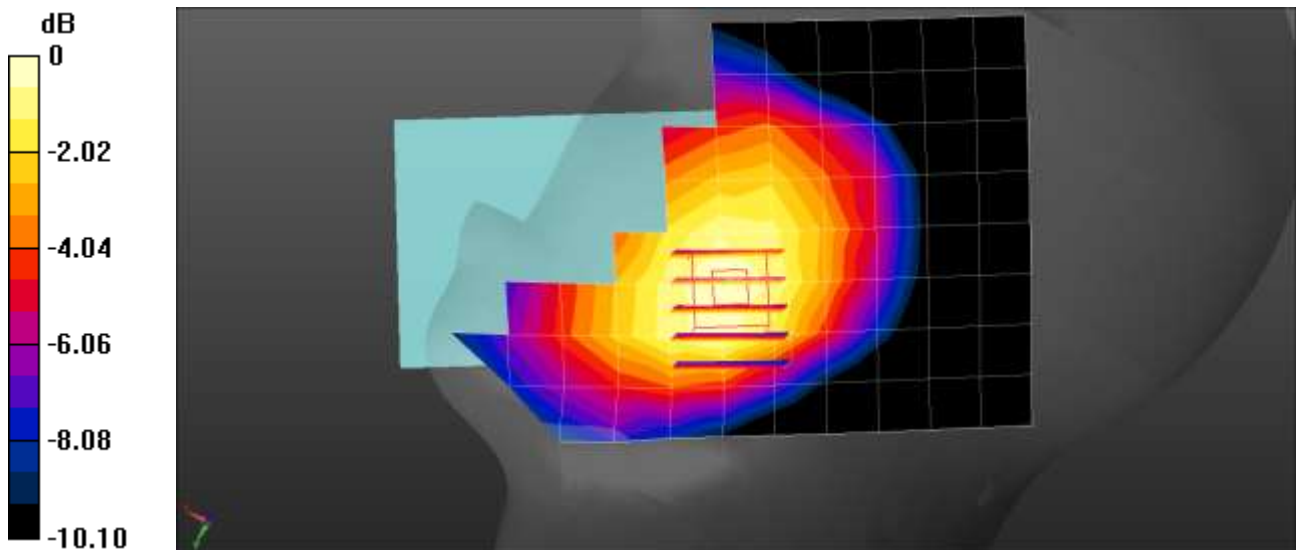
Communication System: UID 0, LTE 14 (0); Frequency: 793 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 793 \text{ MHz}$; $\sigma = 0.94 \text{ S/m}$; $\epsilon_r = 42.126$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(9.65, 10.07, 8.84) @ 793 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 14 Head Right Touch QPSK 10MHz 1RB 0offset 23330ch/Area Scan (9x14x1): Measurement grid:
 $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.226 W/kg

LTE Band 14 Head Right Touch QPSK 10MHz 1RB 0offset 23330ch/Zoom Scan (5x5x7)/Cube 0: Measurement
 grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 3.327 V/m; Power Drift = 0.14 dB
 Peak SAR (extrapolated) = 0.236 W/kg
SAR(1 g) = 0.194 W/kg; SAR(10 g) = 0.149 W/kg
 Maximum value of SAR (measured) = 0.221 W/kg



0 dB = 0.221 W/kg = -6.56 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Ambient Temperature: 23.0 °C
 Liquid Temperature: 22.8 °C
 Test Date: 04/07/2024
 Plot No.: A10

DUT: SM-F741U; Type: Bar;

Communication System: UID 0, LTE Band 25 (0); Frequency: 1905 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1905 \text{ MHz}$; $\sigma = 1.397 \text{ S/m}$; $\epsilon_r = 38.93$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7680; ConvF(8.47, 8.47, 8.47) @ 1905 MHz; Calibrated: 2023-05-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1225; Calibrated: 2024-02-15
- 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)

LTE Band 25 Head Left Touch QPSK 20MHz 1RB 0offset 26590ch/Area Scan (9x14x1): Measurement grid:

$dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.717 W/kg

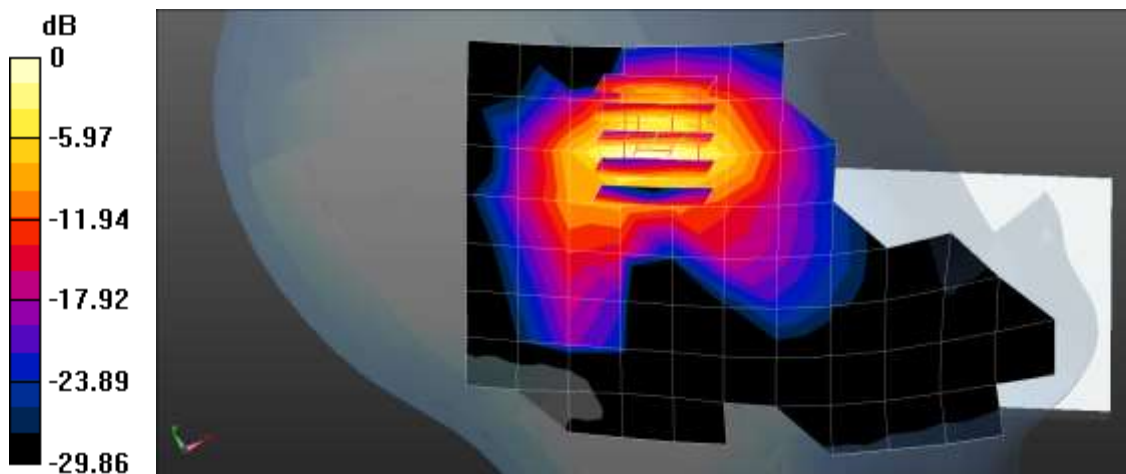
LTE Band 25 Head Left Touch QPSK 20MHz 1RB 0offset 26590ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.313 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.524 W/kg; SAR(10 g) = 0.222 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: 19.7 °C
 Liquid Temperature: 19.6 °C
 Test Date: 03/21/2024
 Plot No.: A11

DUT: SM-F741U; Type: Bar

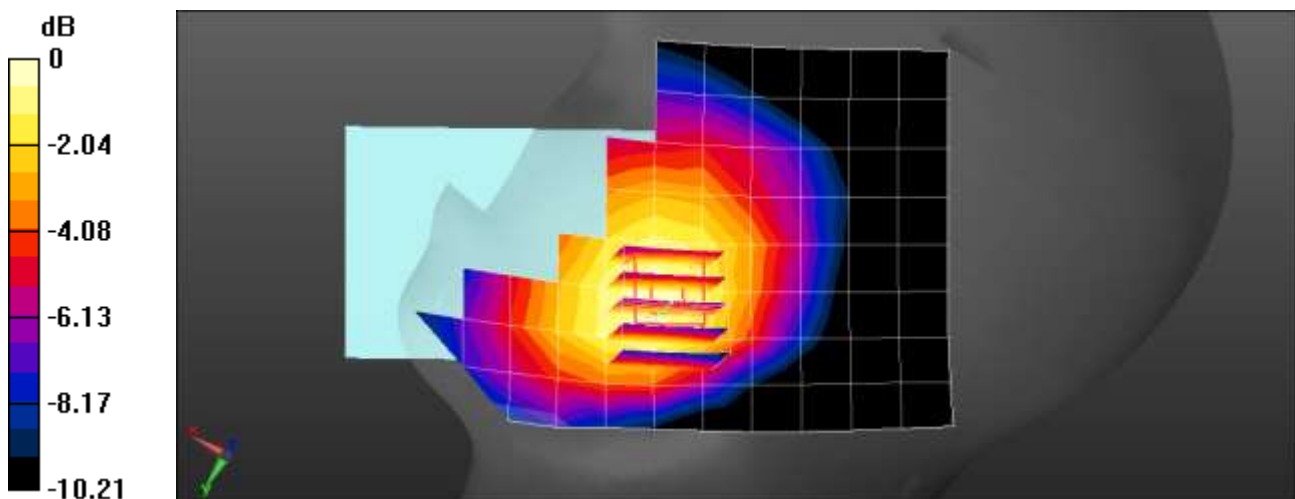
Communication System: UID 0, LTE band 26 (0); Frequency: 831.5 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 831.5$ MHz; $\sigma = 0.933$ S/m; $\epsilon_r = 40.789$; $\rho = 1000$ kg/m³
 Phantom section: Right Section

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 36offset 26865ch/Area Scan (9x14x1): Measurement grid:
 dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.248 W/kg

LTE Band 26 Head Right Touch QPSK 15MHz 1RB 36offset 26865ch/Zoom Scan (5x5x7)/Cube 0:
 Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 4.380 V/m; Power Drift = 0.14 dB
 Peak SAR (extrapolated) = 0.273 W/kg
SAR(1 g) = 0.221 W/kg; SAR(10 g) = 0.167 W/kg
 Maximum value of SAR (measured) = 0.256 W/kg



0 dB = 0.256 W/kg = -5.92 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 21.9 °C
Liquid Temperature: 21.7 °C
Test Date: 04/08/2024
Plot No.: A12

DUT: SM-F741U; Type: Bar

Communication System: UID 0, LTE Band 30 (0); Frequency: 2310 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.726$ S/m; $\epsilon_r = 39.261$; $\rho = 1000$ kg/m³
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(8.09, 8.02, 8.69) @ 2310 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)

LTE Band 30 Head Left Touch QPSK 10MHz 25RB 12offset 27710ch/Area Scan (10x17x1): Measurement grid:

dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.787 W/kg

LTE Band 30 Head Left Touch QPSK 10MHz 25RB 12offset 27710ch/Zoom Scan (7x7x7)/Cube 0:

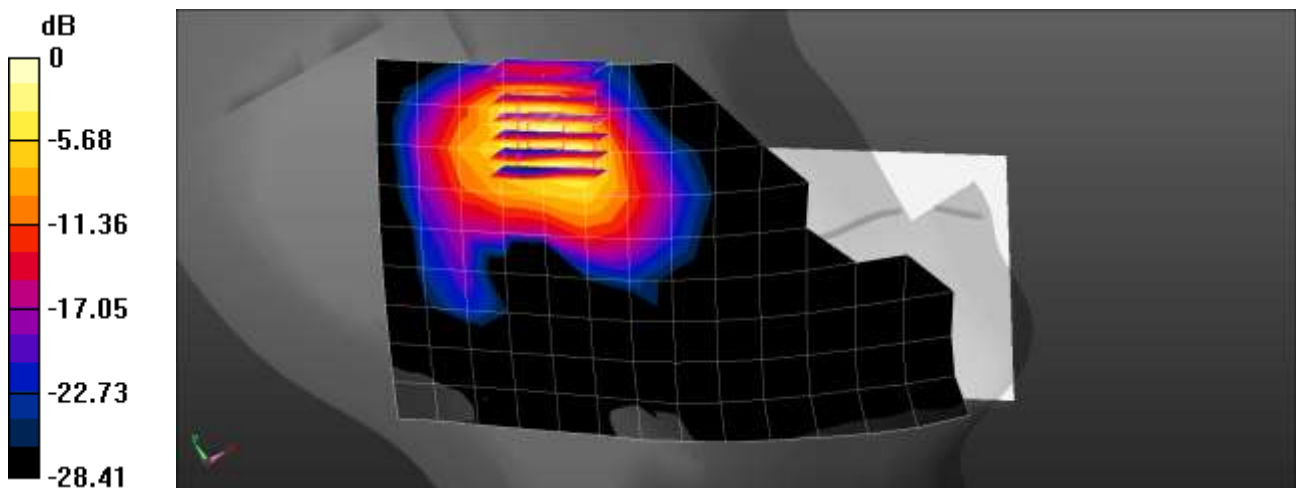
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.172 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.95 W/kg

SAR(1 g) = 0.721 W/kg; SAR(10 g) = 0.287 W/kg

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



0 dB = 1.35 W/kg = 1.30 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 20.2 °C
Liquid Temperature: 20.0 °C
Test Date: 02/28/2024
Plot No.: A13

DUT: SM-F741U; Type: Bar

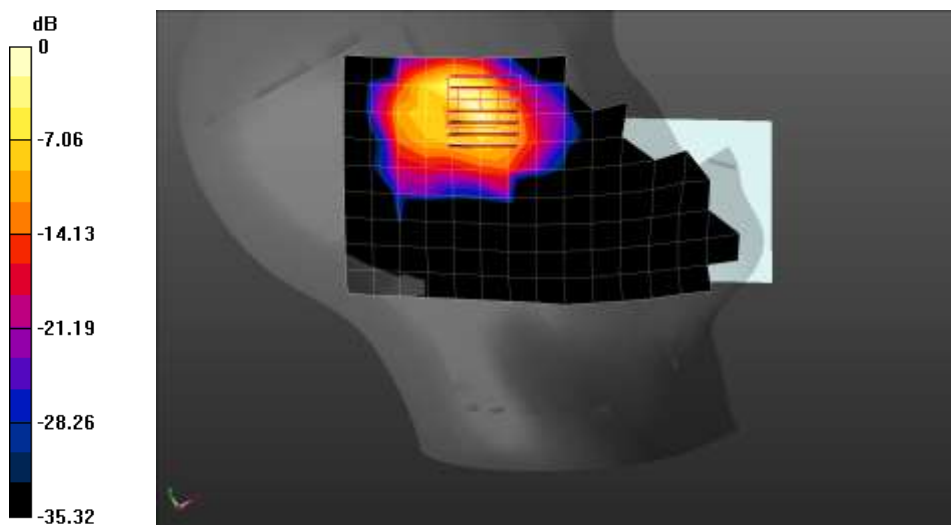
Communication System: UID 0, LTE Band41 (0); Frequency: 2593 MHz; Duty Cycle: 1:2.31047
Medium parameters used (interpolated): $f = 2593$ MHz; $\sigma = 1.997$ S/m; $\epsilon_r = 39.156$; $\rho = 1000$ kg/m³
Phantom section: Left Section

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) = 0.935 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 = 22.74 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.86 W/kg
SAR(1 g) = 0.615 W/kg; SAR(10 g) = 0.225 W/kg
Maximum value of SAR (measured) = 1.34 W/kg



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

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 19.2 °C
Liquid Temperature: 19.2 °C
Test Date: 03/12/2024
Plot No.: A14

DUT: SM-F741U; Type: Bar

Communication System: UID 0, LTE 48 (0); Frequency: 3560 MHz; Duty Cycle: 1:1.58016
Medium parameters used: $f = 3560$ MHz; $\sigma = 2.964$ S/m; $\epsilon_r = 37.854$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

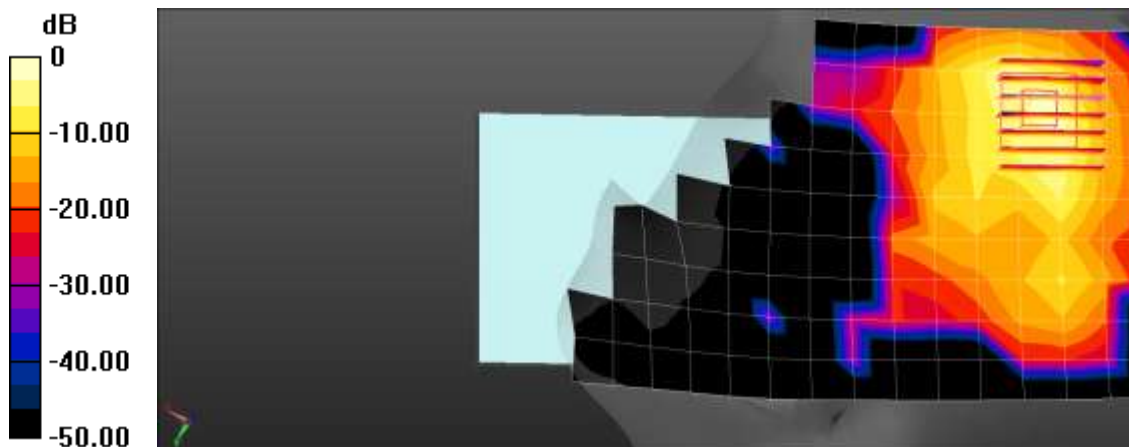
- Probe: EX3DV4 - SN7622; ConvF(7.12, 6.89, 7.07) @ 3560 MHz; Calibrated: 2023-11-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1629; Calibrated: 2023-08-21
- Phantom: Twin-SAM V8.0_20171017(Left2); Type: QD 000 P41 AA; Serial: 1932
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 48 Head Right Touch QPSK 20MHz 50RB 49offset 55340ch/Area Scan (10x17x1): Measurement grid: dx=12mm, dy=12mm

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

LTE Band 48 Head Right Touch QPSK 20MHz 50RB 49offset 55340ch/Zoom Scan (7x7x8)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=4mm
Reference Value = 4.671 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.55 W/kg
SAR(1 g) = 0.471 W/kg; SAR(10 g) = 0.161 W/kg
Maximum value of SAR (measured) = 1.06 W/kg



0 dB = 1.06 W/kg = 0.25 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 22.4 °C
Liquid Temperature: 22.2 °C
Test Date: 04/24/2024
Plot No.: A15

DUT: SM-F741U; Type: Bar

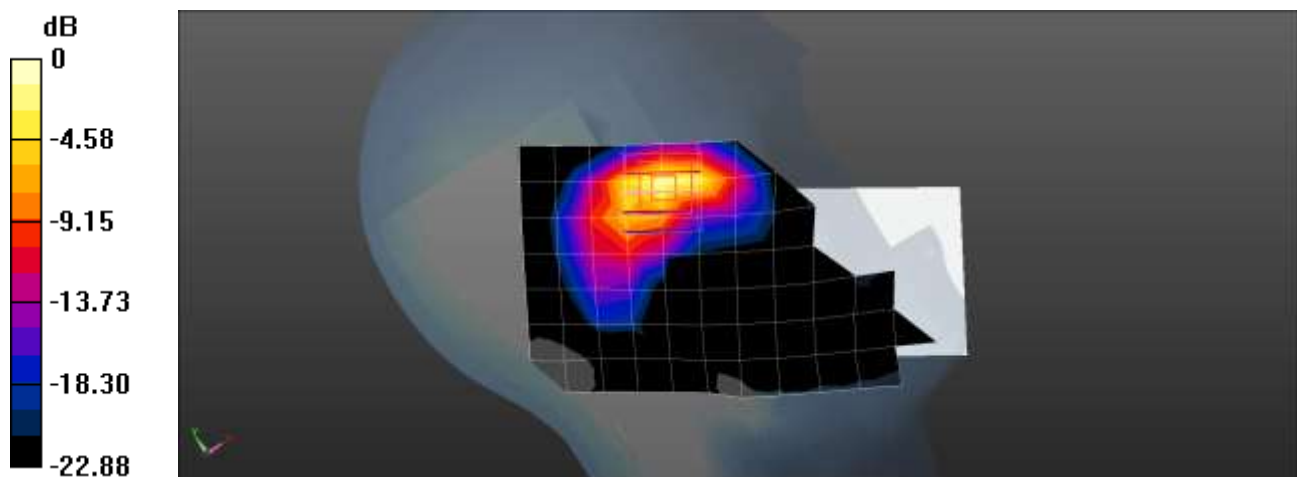
Communication System: UID 0, LTE 66 (0); Frequency: 1770 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1770$ MHz; $\sigma = 1.373$ S/m; $\epsilon_r = 41.335$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7680; ConvF(9.1, 9.1, 9.1) @ 1770 MHz; Calibrated: 2023-05-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1225; Calibrated: 2024-02-15
- 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)

LTE Band 66 Head Left Touch QPSK 20MHz 1RB 0offset 132572ch ULCA/Area Scan (8x14x1): Measurement
grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.746 W/kg

LTE Band 66 Head Left Touch QPSK 20MHz 1RB 0offset 132572ch ULCA/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.573 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.561 W/kg; SAR(10 g) = 0.257 W/kg
Maximum value of SAR (measured) = 0.971 W/kg



0 dB = 0.971 W/kg = -0.13 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.: A16

DUT: SM-F741U; Type: Bar

Communication System: UID 0, LTE 71 (0); Frequency: 680.5 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 680.5$ MHz; $\sigma = 0.887$ S/m; $\epsilon_r = 42.06$; $\rho = 1000$ kg/m³
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(9.65, 10.07, 8.84) @ 680.5 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 71 Head Right Touch QPSK 20MHz 50RB 0offset 133297ch/Area Scan (9x14x1): Measurement grid:
 dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.0272 W/kg

LTE Band 71 Head Right Touch QPSK 20MHz 50RB 0offset 133297ch/Zoom Scan (5x5x7)/Cube 0:

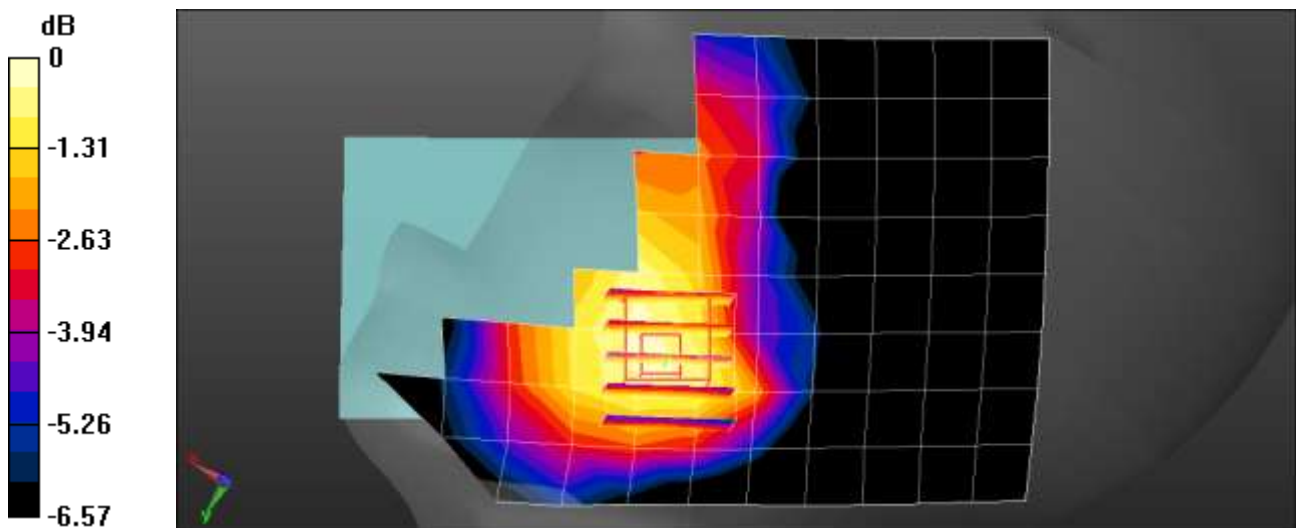
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.0290 W/kg

SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.022 W/kg

Maximum value of SAR (measured) = 0.0283 W/kg



0 dB = 0.0283 W/kg = -15.48 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 19.1 °C
Liquid Temperature: 19.0 °C
Test Date: 04/06/2024
Plot No.: A17

DUT: SM-F741U; Type: Bar

Communication System: UID 0, NR Band n7 (0); Frequency: 2535 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2535 \text{ MHz}$; $\sigma = 1.918 \text{ S/m}$; $\epsilon_r = 39.308$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Left Section

DASY5 Configuration:

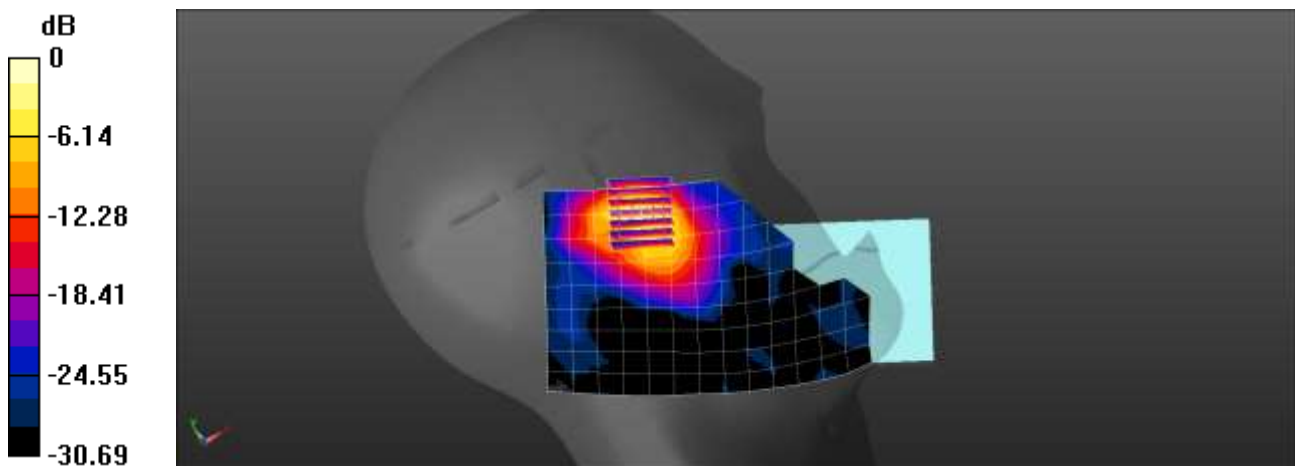
- Probe: EX3DV4 - SN7370; ConvF(7.57, 7.57, 7.57) @ 2535 MHz; Calibrated: 2023-08-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2023-07-04
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR Band n7 Head Left Touch DFT-s QPSK 40MHz 1RB 1offset 507000ch/Area Scan (10x18x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

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

NR Band n7 Head Left Touch DFT-s QPSK 40MHz 1RB 1offset 507000ch/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
 Reference Value = 2.356 V/m; Power Drift = -0.08 dB
 Peak SAR (extrapolated) = 2.31 W/kg
SAR(1 g) = 0.703 W/kg; SAR(10 g) = 0.255 W/kg
 Maximum value of SAR (measured) = 1.56 W/kg



0 dB = 1.56 W/kg = 1.93 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Ambient Temperature: 20.3 °C
 Liquid Temperature: 20.2 °C
 Test Date: 03/23/2024
 Plot No.: A18

DUT: SM-F741U; Type: Bar

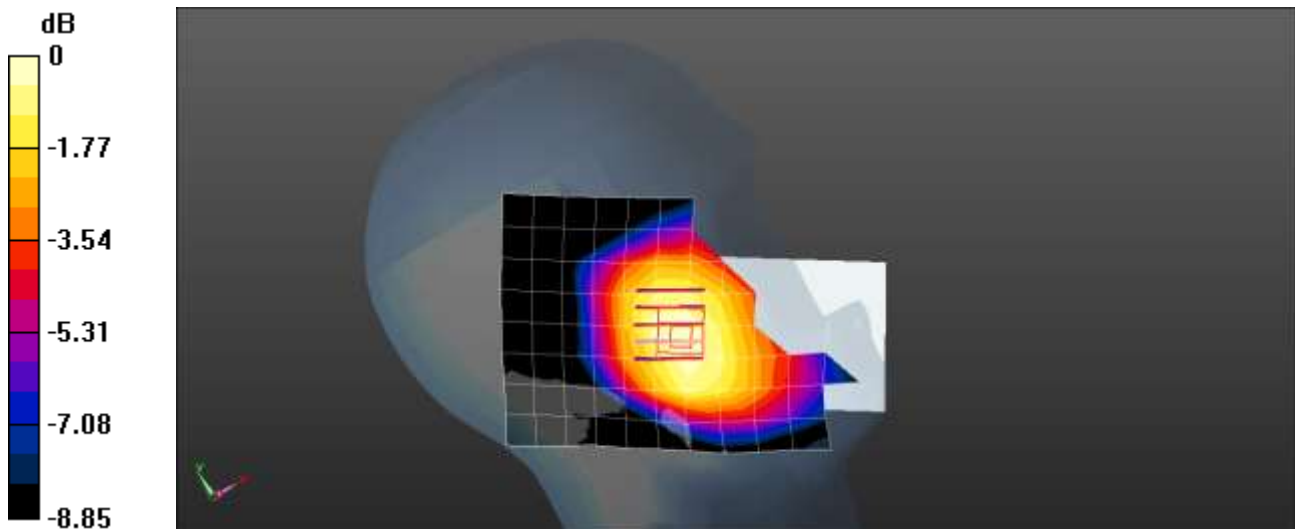
Communication System: UID 0, NR Band 12 (0); Frequency: 707.5 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 707.5 \text{ MHz}$; $\sigma = 0.885 \text{ S/m}$; $\epsilon_r = 42.586$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(10.38, 10.38, 10.38) @ 707.5 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 n12 Head Left Touch DFT-s QPSK 15MHz 1RB 1offset 141500ch/Area Scan (9x14x1): Measurement
 grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.213 W/kg

NR Band n12 Head Left Touch DFT-s QPSK 15MHz 1RB 1offset 141500ch/Zoom Scan (5x5x7)/Cube 0:
 Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 4.985 V/m; Power Drift = 0.02 dB
 Peak SAR (extrapolated) = 0.240 W/kg
SAR(1 g) = 0.189 W/kg; SAR(10 g) = 0.147 W/kg
 Maximum value of SAR (measured) = 0.221 W/kg



0 dB = 0.221 W/kg = -6.56 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Ambient Temperature: 19.3 °C
 Liquid Temperature: 19.1 °C
 Test Date: 04/03/2024
 Plot No.: A19

DUT: SM-F741U; Type: Bar

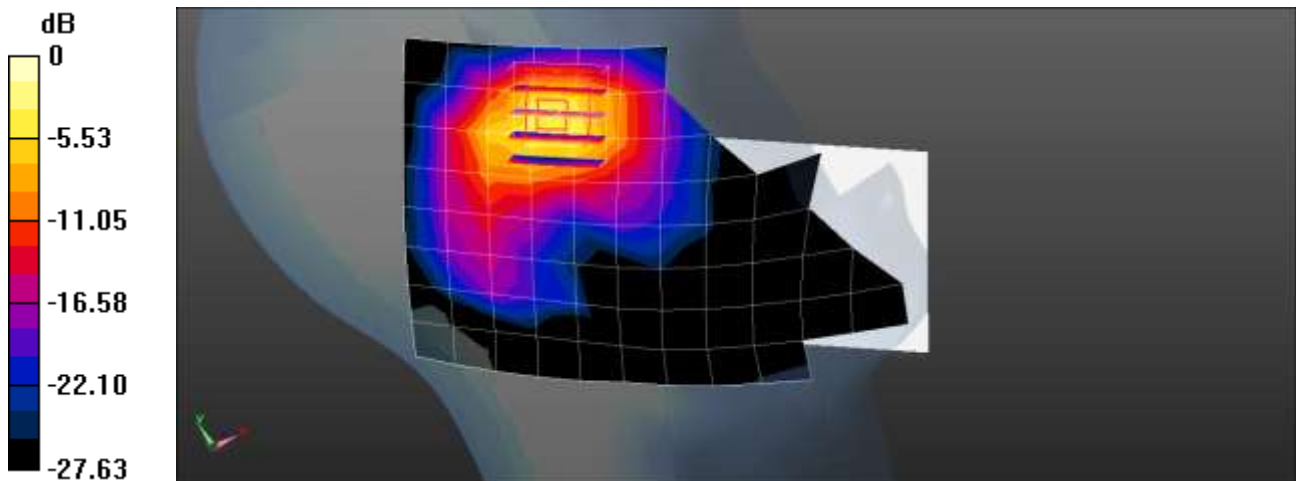
Communication System: UID 0, NR n25 (0); Frequency: 1882.5 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1882.5 \text{ MHz}$; $\sigma = 1.408 \text{ S/m}$; $\epsilon_r = 40.938$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(8.29, 8.29, 8.29) @ 1882.5 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(Right); Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR Band n25 Head Left Touch CP QPSK 40MHz 1RB 1offset 376500ch/Area Scan (9x14x1): Measurement
 grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.543 W/kg

NR Band n25 Head Left Touch CP QPSK 40MHz 1RB 1offset 376500ch/Zoom Scan (5x5x7)/Cube 0:
 Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 6.711 V/m; Power Drift = -0.19 dB
 Peak SAR (extrapolated) = 1.49 W/kg
SAR(1 g) = 0.630 W/kg; SAR(10 g) = 0.265 W/kg
 Maximum value of SAR (measured) = 1.21 W/kg



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

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 20.6 °C
Liquid Temperature: 20.5 °C
Test Date: 03/25/2024
Plot No.: A20

DUT: SM-F741U; Type: Bar

Communication System: UID 0, NR Band 26 (0); Frequency: 831.5 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 831.5$ MHz; $\sigma = 0.922$ S/m; $\epsilon_r = 40.75$; $\rho = 1000$ kg/m³
 Phantom section: Right Section

DASY5 Configuration:

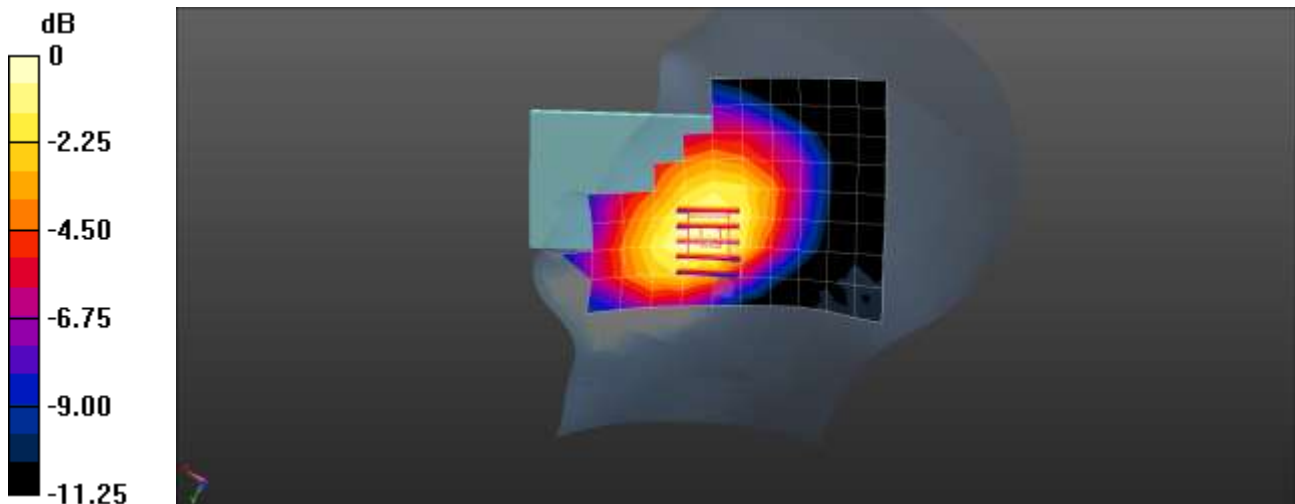
- Probe: EX3DV4 - SN7370; ConvF(10.01, 10.01, 10.01) @ 831.5 MHz; Calibrated: 2023-08-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2023-07-04
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR Band n26 Head Right Touch DFT-s QPSK 20MHz 1RB 53offset 166300ch/Area Scan (9x14x1):

Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.243 W/kg

NR Band n26 Head Right Touch DFT-s QPSK 20MHz 1RB 53offset 166300ch/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 4.735 V/m; Power Drift = -0.02 dB
 Peak SAR (extrapolated) = 0.276 W/kg
SAR(1 g) = 0.197 W/kg; SAR(10 g) = 0.143 W/kg
 Maximum value of SAR (measured) = 0.245 W/kg



0 dB = 0.245 W/kg = -6.11 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Ambient Temperature: 20.5 °C
 Liquid Temperature: 20.2 °C
 Test Date: 04/10/2024
 Plot No.: A21

DUT: SM-F741U; Type: Bar

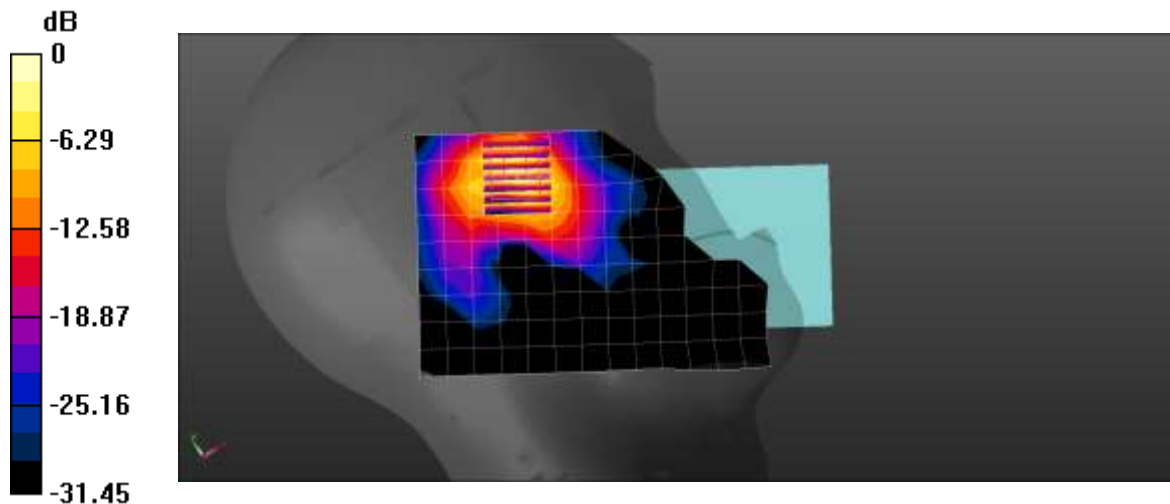
Communication System: UID 0, NR n30 (0); Frequency: 2310 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.727$ S/m; $\epsilon_r = 39.262$; $\rho = 1000$ kg/m³
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(8.37, 8.37, 8.37) @ 2310 MHz; Calibrated: 2023-08-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2023-07-04
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR Band n30 Head Left Touch CP QPSK 10MHz 1RB 1offset 462000ch/Area Scan (10x17x1): Measurement
 grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 1.02 W/kg

NR Band n30 Head Left Touch CP QPSK 10MHz 1RB 1offset 462000ch/Zoom Scan (7x7x7)/Cube 0:
 Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 4.654 V/m; Power Drift = -0.10 dB
 Peak SAR (extrapolated) = 2.53 W/kg
SAR(1 g) = 0.786 W/kg; SAR(10 g) = 0.287 W/kg
 Maximum value of SAR (measured) = 1.71 W/kg



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

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 22.1 °C
Liquid Temperature: 22.1 °C
Test Date: 03/14/2024
Plot No.: A22

DUT: SM-F741U; Type: Bar

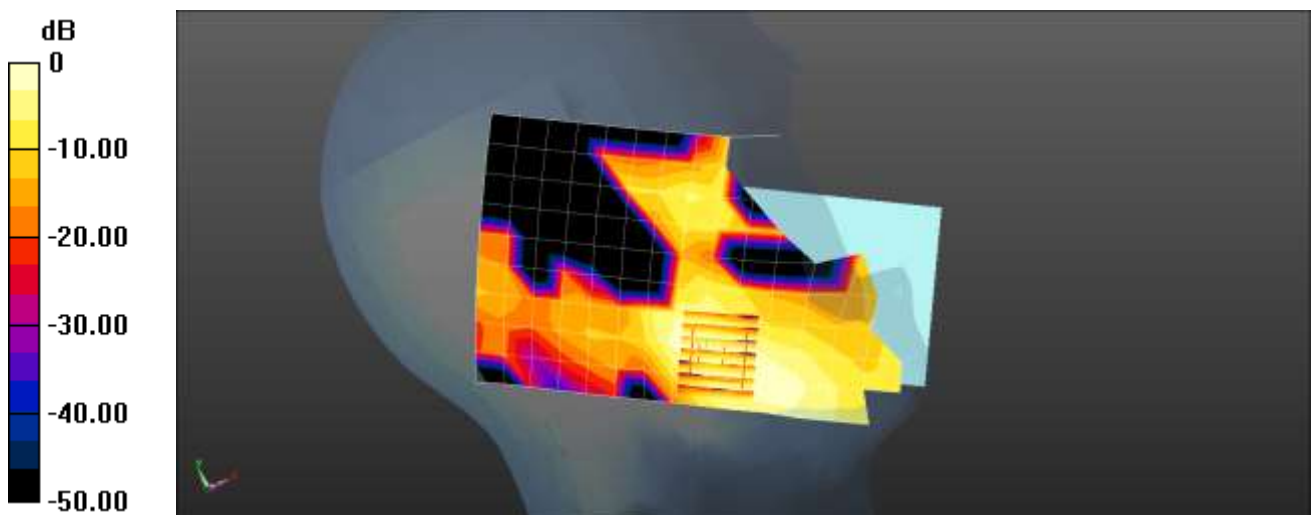
Communication System: UID 0, NR n38 [FCC] (0); Frequency: 2595 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 2595$ MHz; $\sigma = 1.973$ S/m; $\epsilon_r = 39.822$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(7.87, 7.41, 7.6) @ 2595 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)

NR Band n38 Head Left Touch DFT-s QPSK 40MHz 1RB 1offset 519000ch/Area Scan (10x17x1): Measurement
grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.0603 W/kg

NR Band n38 Head Left Touch DFT-s QPSK 40MHz 1RB 1offset 519000ch/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.9250 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.0790 W/kg
SAR(1 g) = 0.043 W/kg; SAR(10 g) = 0.023 W/kg
Maximum value of SAR (measured) = 0.0654 W/kg



0 dB = 0.0654 W/kg = -11.84 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Ambient Temperature: 24.2 °C
 Liquid Temperature: 24.2 °C
 Test Date: 04/22/2024
 Plot No.: A23

DUT: SM-F741U; Type: Bar

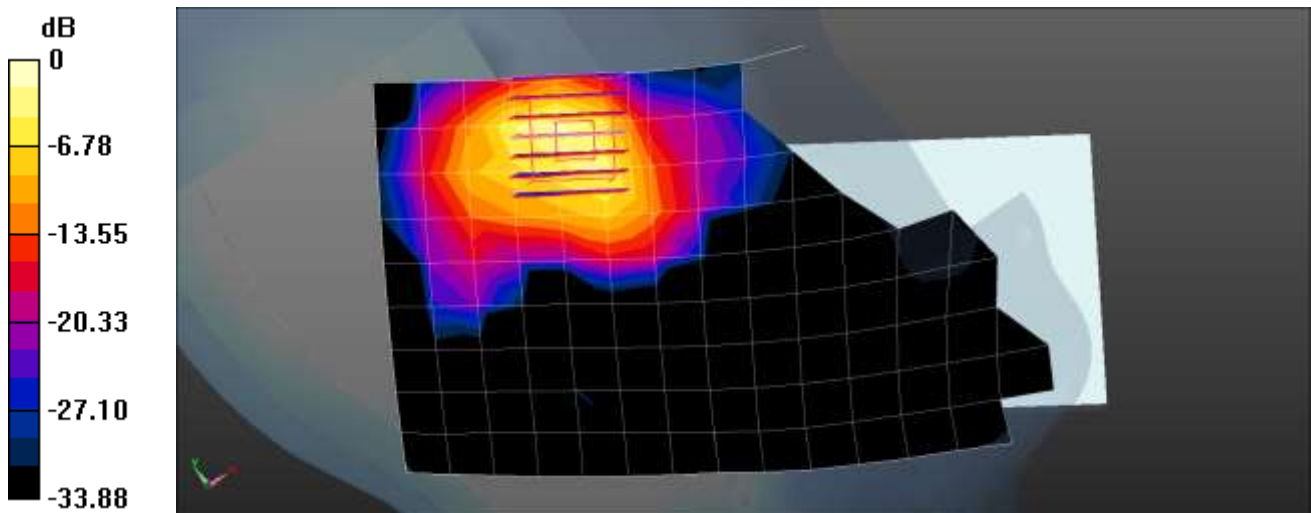
Communication System: UID 0, NR n41 (0); Frequency: 2592.99 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2592.99$ MHz; $\sigma = 1.997$ S/m; $\epsilon_r = 39.157$; $\rho = 1000$ kg/m³
 Phantom section: Left Section

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 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)

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) = 1.21 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 = 3.179 V/m; Power Drift = 0.19 dB
 Peak SAR (extrapolated) = 2.32 W/kg
SAR(1 g) = 0.799 W/kg; SAR(10 g) = 0.301 W/kg
 Maximum value of SAR (measured) = 1.74 W/kg



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

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 20.5 °C
Liquid Temperature: 20.4 °C
Test Date: 03/18/2024
Plot No.: A24

DUT: SM-F741U; Type: Bar

Communication System: UID 0, NR n48 (0); Frequency: 3570 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 3570$ MHz; $\sigma = 2.976$ S/m; $\epsilon_r = 37.88$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

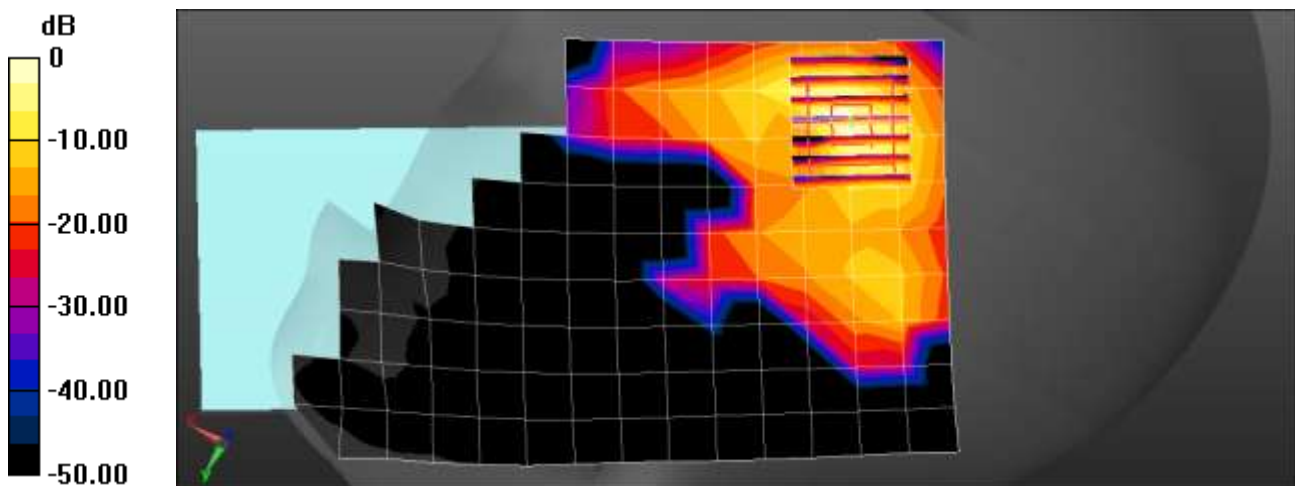
- Probe: EX3DV4 - SN7622; ConvF(7.12, 6.89, 7.07) @ 3570 MHz; Calibrated: 2023-11-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1629; Calibrated: 2023-08-21
- Phantom: Twin-SAM V8.0_20171017(Left2); Type: QD 000 P41 AA; Serial: 1932
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

NR Band n48 Head Right Touch DFT-s QPSK 40MHz 50RB 56offset 638000ch/Area Scan (10x17x1):

Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 1.35 W/kg

NR Band n48 Head Right Touch DFT-s QPSK 40MHz 50RB 56offset 638000ch/Zoom Scan (7x7x8)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=4mm
Reference Value = 4.574 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 2.82 W/kg
SAR(1 g) = 0.794 W/kg; SAR(10 g) = 0.242 W/kg
Maximum value of SAR (measured) = 1.86 W/kg



0 dB = 1.86 W/kg = 2.70 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 22.9 °C
Liquid Temperature: 22.8 °C
Test Date: 04/20/2024
Plot No.: A25

DUT: SM-F741U; Type: Bar

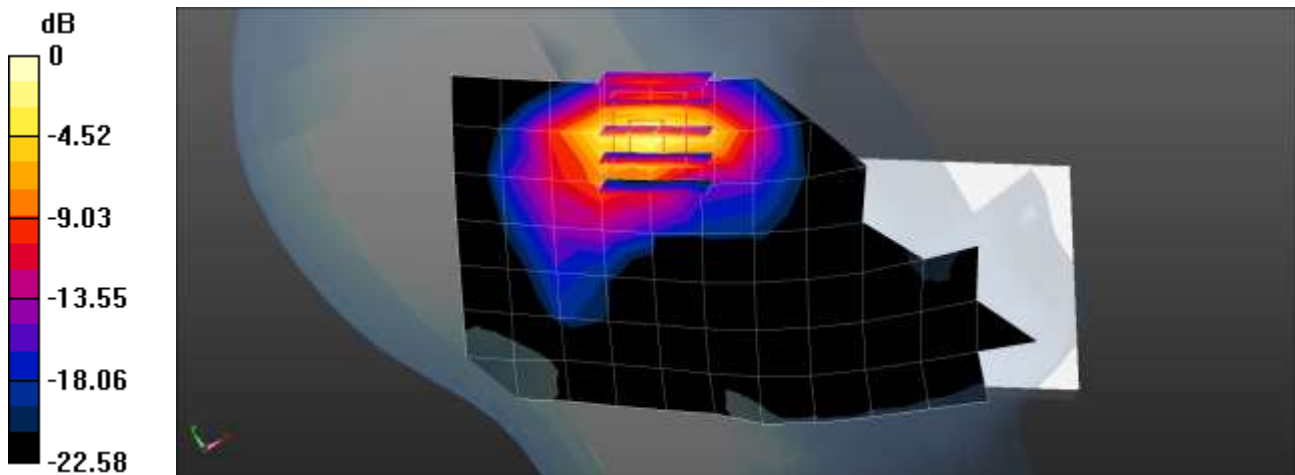
Communication System: UID 0, n66 (0); Frequency: 1745 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.365$ S/m; $\epsilon_r = 41.499$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7680; ConvF(9.1, 9.1, 9.1) @ 1745 MHz; Calibrated: 2023-05-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1225; Calibrated: 2024-02-15
- 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)

NR Band n66 Head Left Touch DFT-s QPSK 40MHz 108RB 54offset 349000ch/Area Scan (8x14x1):
Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.31 W/kg

NR Band n66 Head Left Touch DFT-s QPSK 40MHz 108RB 54offset 349000ch/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.207 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.82 W/kg
SAR(1 g) = 0.878 W/kg; SAR(10 g) = 0.402 W/kg
Maximum value of SAR (measured) = 1.48 W/kg



0 dB = 1.48 W/kg = 1.70 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 22.2 °C
Liquid Temperature: 22.0 °C
Test Date: 04/19/2024
Plot No.: A26

DUT: SM-F741U; Type: Bar

Communication System: UID 0, NR Band n70 (0); Frequency: 1702.5 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1702.5$ MHz; $\sigma = 1.303$ S/m; $\epsilon_r = 41.63$; $\rho = 1000$ kg/m³
 Phantom section: Left Section

DASY5 Configuration:

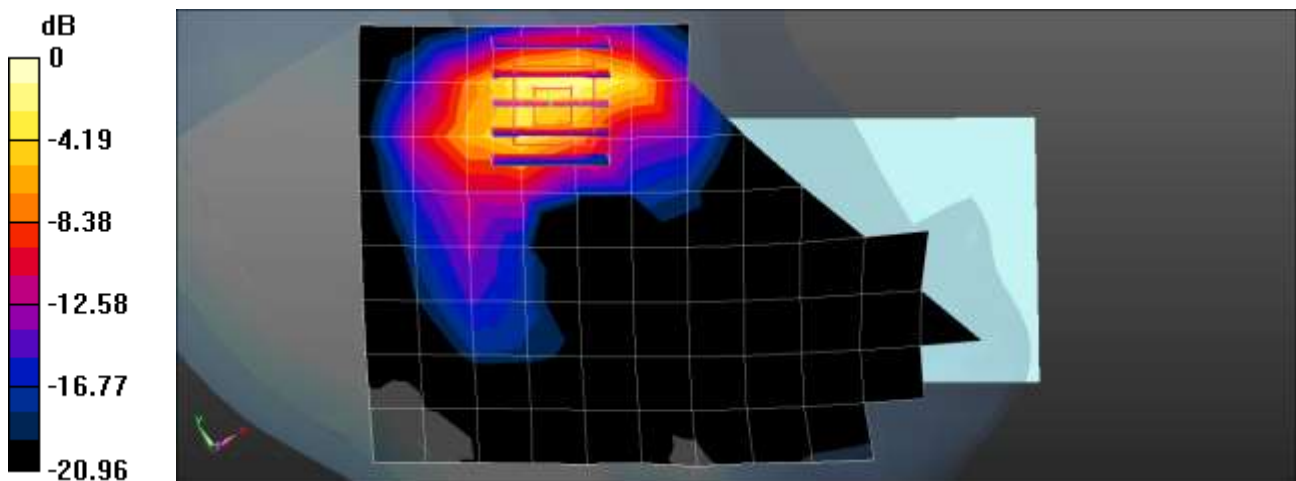
- Probe: EX3DV4 - SN7702; ConvF(8.49, 8.77, 7.91) @ 1702.5 MHz; Calibrated: 2024-01-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2023-07-04
- Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR Band n70 Head Left Touch DFT-s QPSK 15MHz 36RB 22offset 340500ch/Area Scan (9x14x1):

Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.520 W/kg

NR Band n70 Head Left Touch DFT-s QPSK 15MHz 36RB 22offset 340500ch/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 5.346 V/m; Power Drift = -0.17 dB
 Peak SAR (extrapolated) = 1.14 W/kg
SAR(1 g) = 0.526 W/kg; SAR(10 g) = 0.242 W/kg
 Maximum value of SAR (measured) = 0.719 W/kg



0 dB = 0.719 W/kg = -1.43 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 19.5 °C
Liquid Temperature: 19.4 °C
Test Date: 03/21/2024
Plot No.: A27

DUT: SM-F741U; Type: Bar

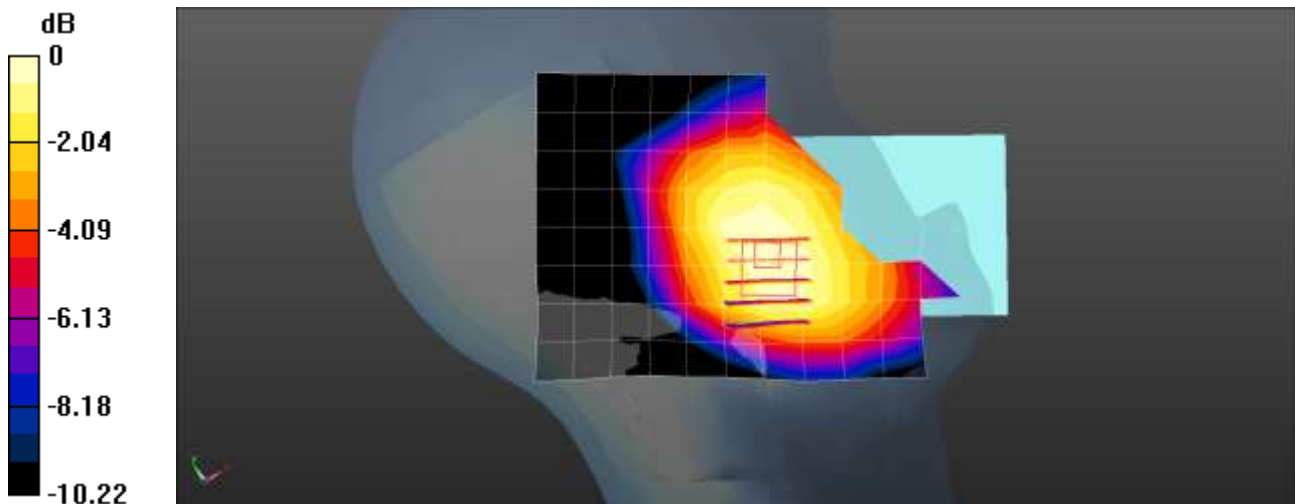
Communication System: UID 0, NR Band 71 (0); Frequency: 680.5 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 680.5 \text{ MHz}$; $\sigma = 0.875 \text{ S/m}$; $\epsilon_r = 43.057$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(10.38, 10.38, 10.38) @ 680.5 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 n71 Head Left Touch DFT-s QPSK 20MHz 1RB 1offset 136100ch/Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.197 W/kg

NR Band n71 Head Left Touch DFT-s QPSK 20MHz 1RB 1offset 136100ch/Zoom Scan (5x5x7)/Cube 0:
 Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 4.381 V/m; Power Drift = -0.05 dB
 Peak SAR (extrapolated) = 0.216 W/kg
SAR(1 g) = 0.171 W/kg; SAR(10 g) = 0.130 W/kg
 Maximum value of SAR (measured) = 0.200 W/kg



0 dB = 0.200 W/kg = -6.99 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Ambient Temperature: 20.5 °C
 Liquid Temperature: 20.4 °C
 Test Date: 03/15/2024
 Plot No.: A28

DUT: SM-F741U; Type: Bar

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; $\sigma = 2.911$ S/m; $\epsilon_r = 37.905$; $\rho = 1000$ kg/m³
 Phantom section: Right Section

DASY5 Configuration:

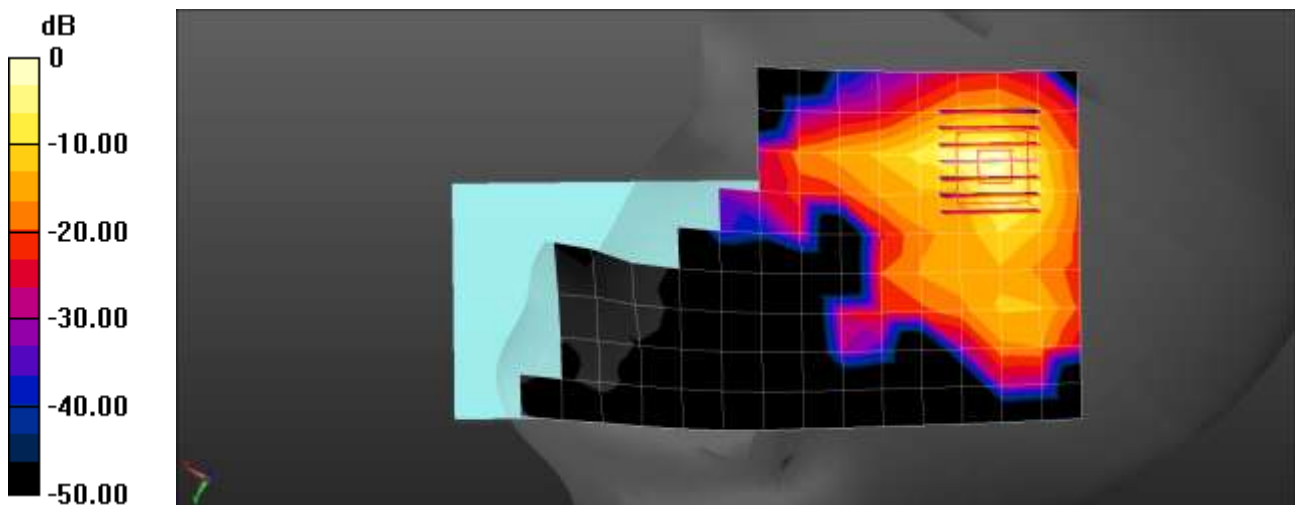
- Probe: EX3DV4 - SN7622; ConvF(7.12, 6.89, 7.07) @ 3500.01 MHz; Calibrated: 2023-11-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1629; Calibrated: 2023-08-21
- Phantom: Twin-SAM V8.0_20171017(Left2); Type: QD 000 P41 AA; Serial: 1932
- Measurement SW: DASY52, Version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

NR Band n77 Head Right Touch DFT-s QPSK 100MHz 1RB 271offset 633334ch/Area Scan (10x17x1):

Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 1.36 W/kg

NR Band n77 Head Right Touch DFT-s QPSK 100MHz 1RB 271offset 633334ch/Zoom Scan (7x7x8)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=4mm
 Reference Value = 6.233 V/m; Power Drift = -0.17 dB
 Peak SAR (extrapolated) = 3.04 W/kg
SAR(1 g) = 0.870 W/kg; SAR(10 g) = 0.260 W/kg
 Maximum value of SAR (measured) = 2.08 W/kg



0 dB = 2.08 W/kg = 3.18 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 21.8 °C
Liquid Temperature: 21.7 °C
Test Date: 03/05/2024
Plot No.: A29

DUT: SM-F741U; Type: Bar

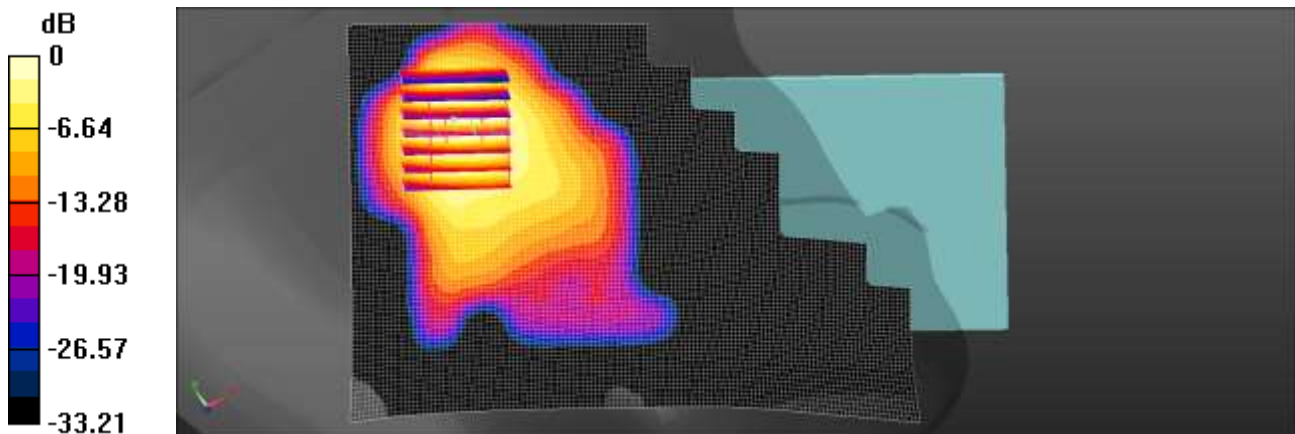
Communication System: UID 0, 2450MHz FCC (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.827$ S/m; $\epsilon_r = 39.185$; $\rho = 1000$ kg/m³
Phantom section: Left Section

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 Left Touch 1Mbps 6ch/Area Scan (91x161x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 1.13 W/kg

802.11b Left Touch 1Mbps 6ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.847 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.549 W/kg; SAR(10 g) = 0.259 W/kg
Maximum value of SAR (measured) = 0.870 W/kg



0 dB = 0.870 W/kg = -0.60 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Ambient Temperature: 21.3 °C
 Liquid Temperature: 21.2 °C
 Test Date: 03/04/2024
 Plot No.: A30

DUT: SM-F741U; Type: Bar

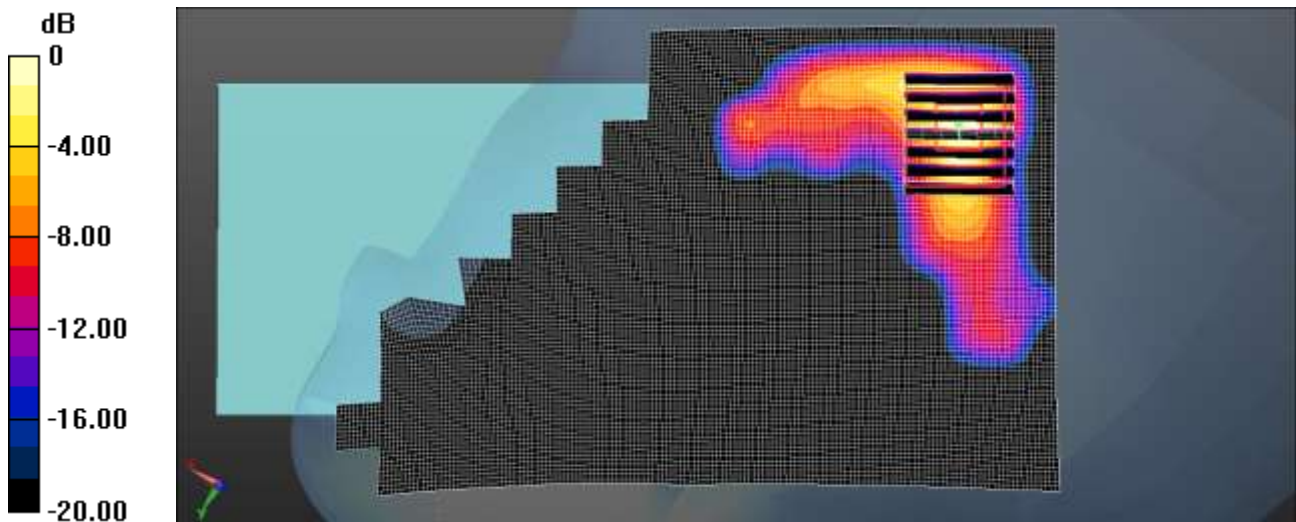
Communication System: UID 0, WIFI 5GHz (0); Frequency: 5720 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5720$ MHz; $\sigma = 5.144$ S/m; $\epsilon_r = 35.906$; $\rho = 1000$ kg/m³
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7751; ConvF(4.7, 4.7, 4.7) @ 5720 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 Head Right Touch 6Mbps 144ch/Area Scan (101x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 2.09 W/kg

802.11a Head Right Touch 6Mbps 144ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
 Reference Value = 8.052 V/m; Power Drift = -0.07 dB
 Peak SAR (extrapolated) = 3.93 W/kg
SAR(1 g) = 0.779 W/kg; SAR(10 g) = 0.223 W/kg
 Maximum value of SAR (measured) = 2.08 W/kg



0 dB = 2.08 W/kg = 3.18 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Ambient Temperature: 20.7 °C
 Liquid Temperature: 20.6 °C
 Test Date: 03/07/2024
 Plot No.: A31

DUT: SM-F741U; Type: Bar

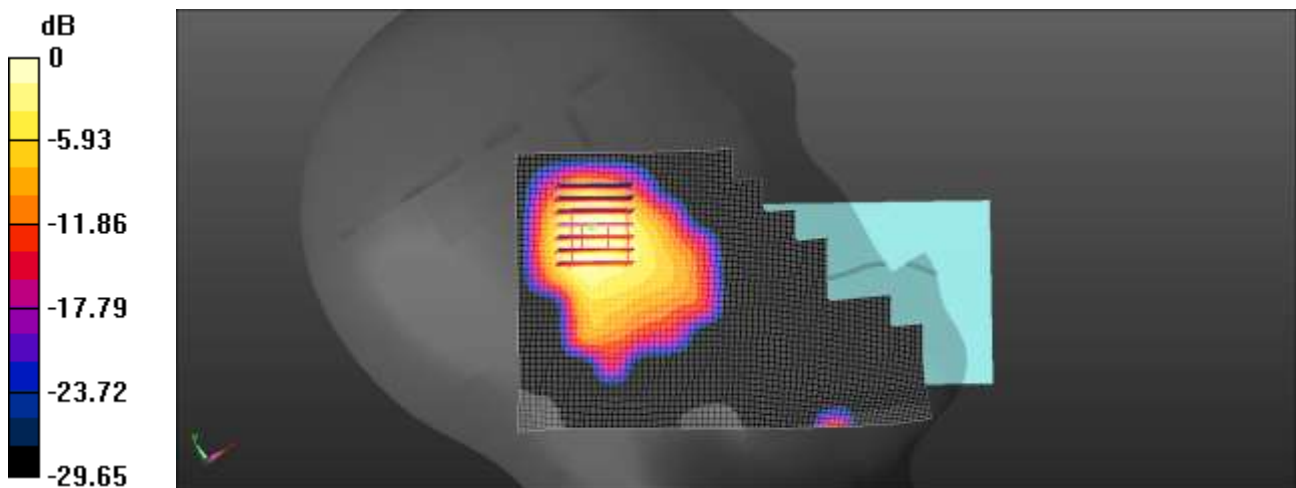
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2441 \text{ MHz}$; $\sigma = 1.83 \text{ S/m}$; $\epsilon_r = 39.186$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(7.94, 7.91, 8.56) @ 2441 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 Left Touch DH5 39ch/Area Scan (91x161x1): Interpolated grid: $dx=1.200 \text{ mm}$, $dy=1.200 \text{ mm}$
 Maximum value of SAR (interpolated) = 1.26 W/kg

Bluetooth Head Left Touch DH5 39ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
 Reference Value = 10.62 V/m; Power Drift = 0.16 dB
 Peak SAR (extrapolated) = 1.34 W/kg
SAR(1 g) = 0.694 W/kg; SAR(10 g) = 0.327 W/kg
 Maximum value of SAR (measured) = 1.10 W/kg



0 dB = 1.10 W/kg = 0.41 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Ambient Temperature: 23.0 °C
 Liquid Temperature: 22.9 °C
 Test Date: 03/07/2024
 Plot No.: B1

DUT: SM-F741U; Type: Bar

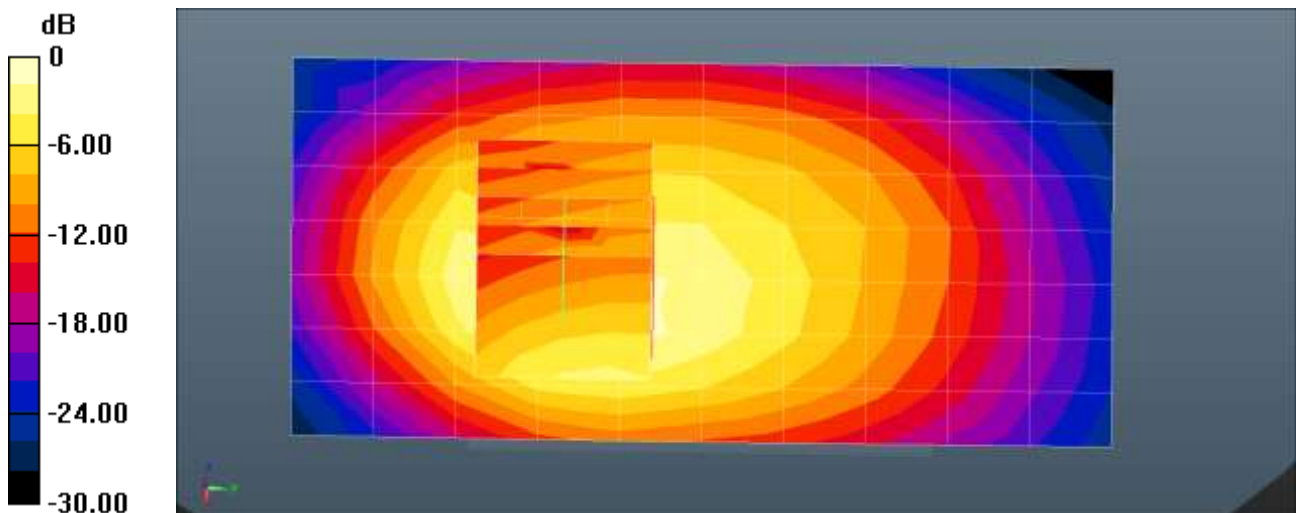
Communication System: UID 0, GSM850 GPRS 4TX (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.07491
 Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.932$ S/m; $\epsilon_r = 41.577$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

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)

GSM850 4Tx Bodyworn Rear 190ch/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.412 W/kg

GSM850 4Tx Bodyworn Rear 190ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 18.46 V/m; Power Drift = -0.05 dB
 Peak SAR (extrapolated) = 0.549 W/kg
SAR(1 g) = 0.365 W/kg; SAR(10 g) = 0.229 W/kg
 Maximum value of SAR (measured) = 0.489 W/kg



0 dB = 0.489 W/kg = -3.11 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Ambient Temperature: 22.9 °C
 Liquid Temperature: 22.8 °C
 Test Date: 03/06/2024
 Plot No.: B2

DUT: SM-F741U; Type: Bar

Communication System: UID 0, GSM 1900 4TX (0); Frequency: 1880 MHz; Duty Cycle: 1:2.07491
 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.414 \text{ S/m}$; $\epsilon_r = 39.708$; $\rho = 1000 \text{ kg/m}^3$
 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 Sn1686; Calibrated: 2023-05-23
- 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 4Tx Bodyworn Rear 661ch/Area Scan (9x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.478 W/kg

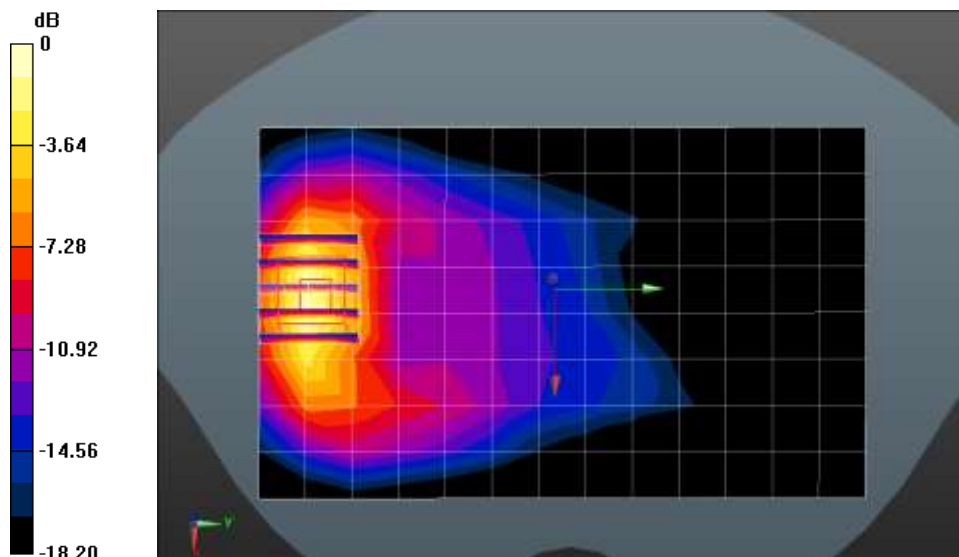
GSM1900 4Tx Bodyworn Rear 661ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.210 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.655 W/kg

SAR(1 g) = 0.376 W/kg; SAR(10 g) = 0.197 W/kg

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



0 dB = 0.547 W/kg = -2.62 dBW/kg

Test Laboratory: HCT CO., LTD

EUT Type: Mobile Phone
Ambient Temperature: 21.9 °C
Liquid Temperature: 21.8 °C
Test Date: 02/29/2024
Plot No.: B3

DUT: SM-F741U; Type: Bar

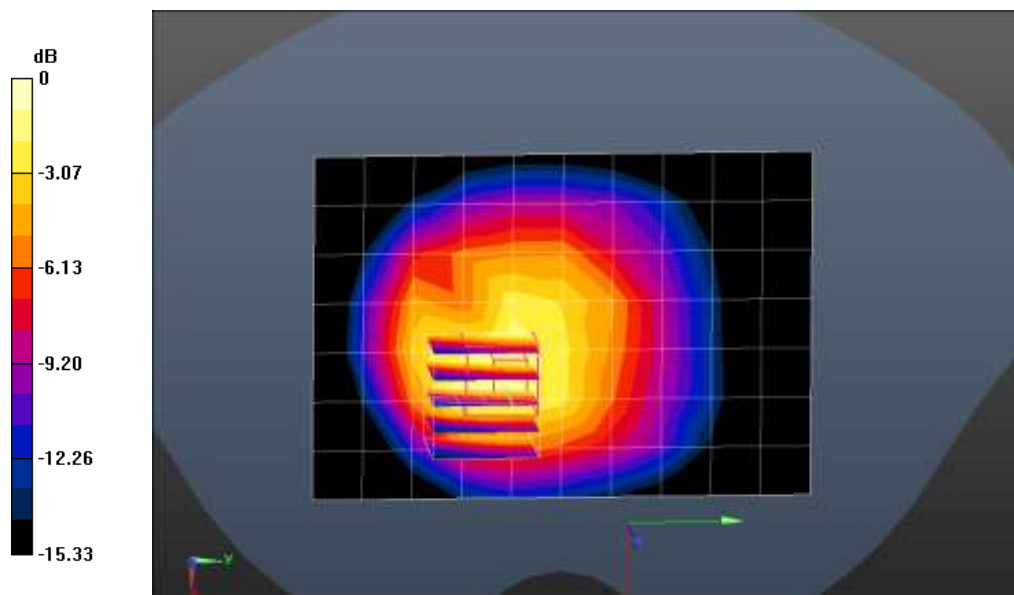
Communication System: UID 0, WCDMA850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.917$ S/m; $\epsilon_r = 41.553$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

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 Bodyworn Rear 4183ch/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.538 W/kg

UMTS Band 5 Bodyworn Rear 4183ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.15 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.828 W/kg
SAR(1 g) = 0.570 W/kg; SAR(10 g) = 0.352 W/kg
Maximum value of SAR (measured) = 0.713 W/kg



Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Ambient Temperature: 20.5 °C
 Liquid Temperature: 20.4 °C
 Test Date: 03/04/2024
 Plot No.: B4

DUT: SM-F741U; Type: Bar

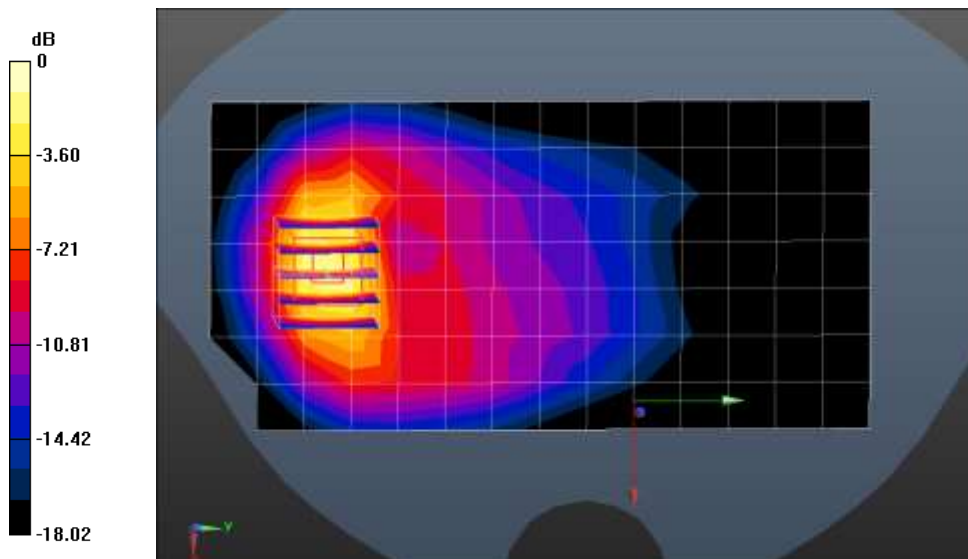
Communication System: UID 0, WCDMA IV (0); Frequency: 1732.4 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1732.4$ MHz; $\sigma = 1.342$ S/m; $\epsilon_r = 41.581$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

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; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

UMTS Band 4 BodyWorn Rear 1412ch/Area Scan (8x15x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.665 W/kg

UMTS Band 4 BodyWorn Rear 1412ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 6.903 V/m; Power Drift = -0.16 dB
 Peak SAR (extrapolated) = 1.20 W/kg
SAR(1 g) = 0.701 W/kg; SAR(10 g) = 0.364 W/kg
 Maximum value of SAR (measured) = 1.02 W/kg



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

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Ambient Temperature: 21.3 °C
 Liquid Temperature: 21.2 °C
 Test Date: 03/05/2024
 Plot No.: B5

DUT: SM-F741U; Type: Bar

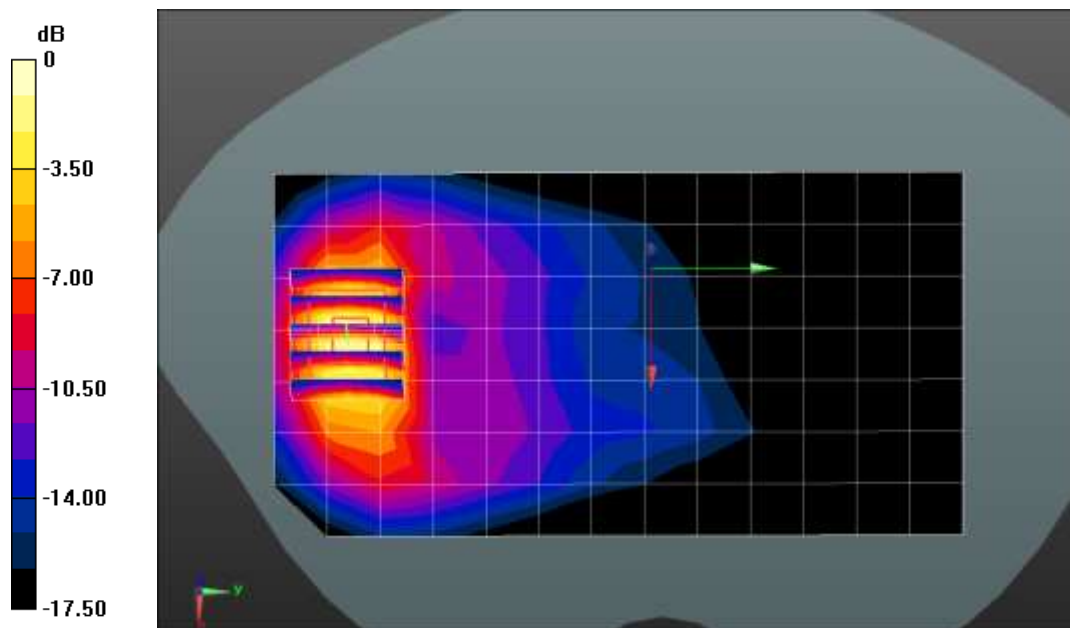
Communication System: UID 0, WCDMA1900 (0); Frequency: 1852.4 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1852.4 \text{ MHz}$; $\sigma = 1.358 \text{ S/m}$; $\epsilon_r = 39.098$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7681; ConvF(7.94, 8.33, 8.49) @ 1852.4 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 2 BodyWorn Rear 9262ch/Area Scan (8x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.907 W/kg

UMTS Band 2 BodyWorn Rear 9262ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 5.996 V/m; Power Drift = -0.12 dB
 Peak SAR (extrapolated) = 1.55 W/kg
SAR(1 g) = 0.921 W/kg; SAR(10 g) = 0.486 W/kg
 Maximum value of SAR (measured) = 1.32 W/kg



0 dB = 1.32 W/kg = 1.21 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Ambient Temperature: 21.5 °C
 Liquid Temperature: 21.3 °C
 Test Date: 04/06/2024
 Plot No.: B6

DUT: SM-F741U; Type: Bar

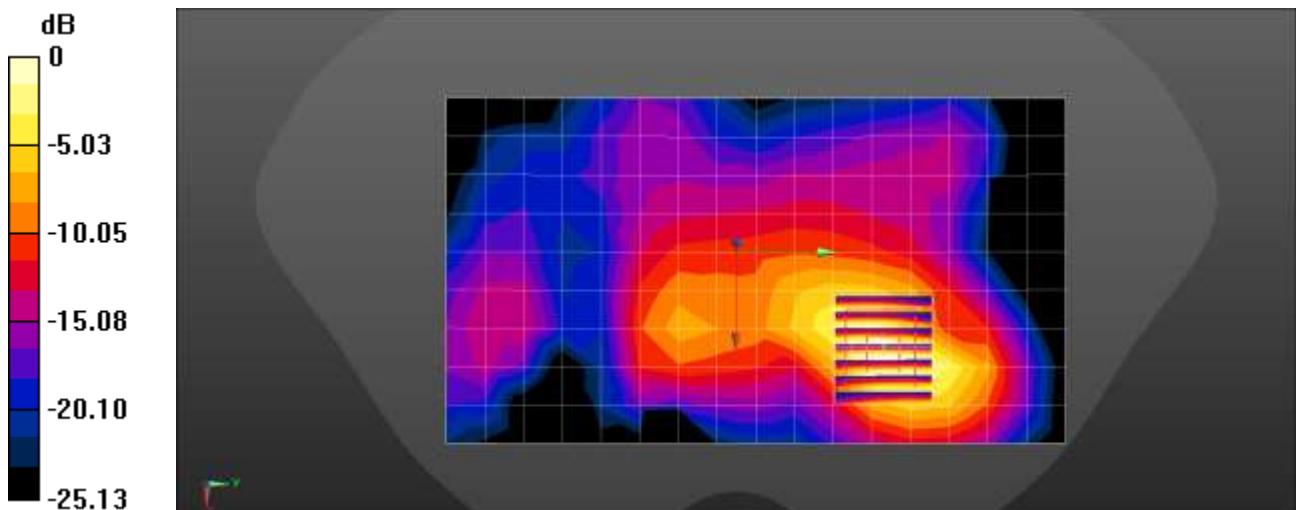
Communication System: UID 0, LTE Band 7 (0); Frequency: 2560 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2560$ MHz; $\sigma = 1.949$ S/m; $\epsilon_r = 38.781$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(7.92, 7.86, 8.5) @ 2560 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)

LTE Band 7 Bodyworn Front QPSK 20MHz 50RB 25offset 21350ch/Area Scan (10x17x1): Measurement grid:
 $dx=12$ mm, $dy=12$ mm
 Maximum value of SAR (measured) = 0.632 W/kg

LTE Band 7 Bodyworn Front QPSK 20MHz 50RB 25offset 21350ch/Zoom Scan (7x7x7)/Cube 0: Measurement
 grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
 Reference Value = 6.011 V/m; Power Drift = -0.16 dB
 Peak SAR (extrapolated) = 0.983 W/kg
SAR(1 g) = 0.457 W/kg; SAR(10 g) = 0.204 W/kg
 Maximum value of SAR (measured) = 0.791 W/kg



0 dB = 0.791 W/kg = -1.02 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Ambient Temperature: 24.1 °C
 Liquid Temperature: 24.0 °C
 Test Date: 04/18/2024
 Plot No.: B7

DUT: SM-F741U; Type: Bar

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; $\epsilon_r = 43.86$; $\rho = 1000$ 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 Sn869; Calibrated: 2024-03-15
- 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 BodyWorn Rear QPSK 10MHz 25RB 0offset 23095ch/Area Scan (9x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.319 W/kg

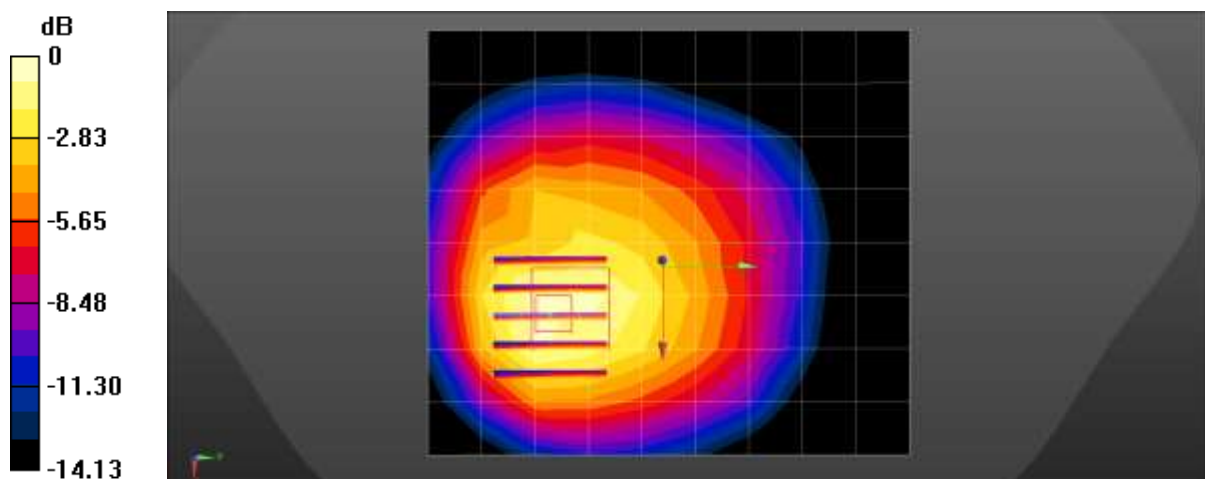
LTE Band 12 BodyWorn Rear QPSK 10MHz 25RB 0offset 23095ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.55 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.422 W/kg

SAR(1 g) = 0.270 W/kg; SAR(10 g) = 0.176 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: 22.0 °C
Liquid Temperature: 21.8 °C
Test Date: 04/19/2024
Plot No.: B8

DUT: SM-F741U; Type: Bar

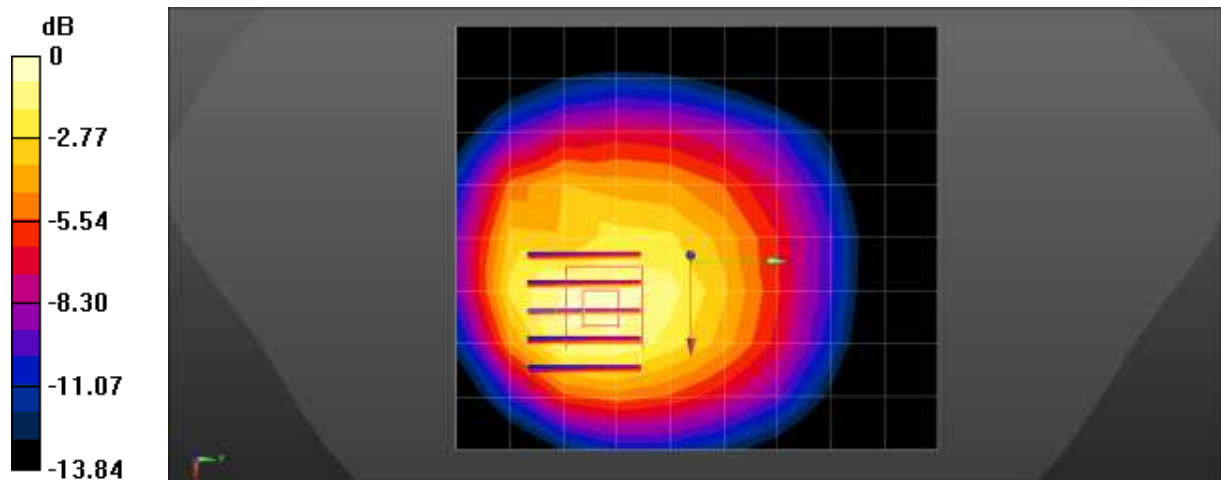
Communication System: UID 0, LTE13 (0); Frequency: 782 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.922 \text{ S/m}$; $\epsilon_r = 42.271$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(9.65, 10.07, 8.84) @ 782 MHz; Calibrated: 2024-01-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn869; Calibrated: 2024-03-15
- 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 13 BodyWorn Rear QPSK 10MHz 25RB 12offset 23230ch/Area Scan (9x10x1): Measurement grid:
 $dx=15\text{mm}$, $dy=15\text{mm}$
Maximum value of SAR (measured) = 0.461 W/kg

LTE Band 13 BodyWorn Rear QPSK 10MHz 25RB 12offset 23230ch/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 17.46 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.555 W/kg
SAR(1 g) = 0.383 W/kg; SAR(10 g) = 0.252 W/kg
Maximum value of SAR (measured) = 0.501 W/kg



0 dB = 0.501 W/kg = -3.00 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 19.8 °C
Liquid Temperature: 19.7 °C
Test Date: 03/17/2024
Plot No.: B9

DUT: SM-F741U; Type: Bar

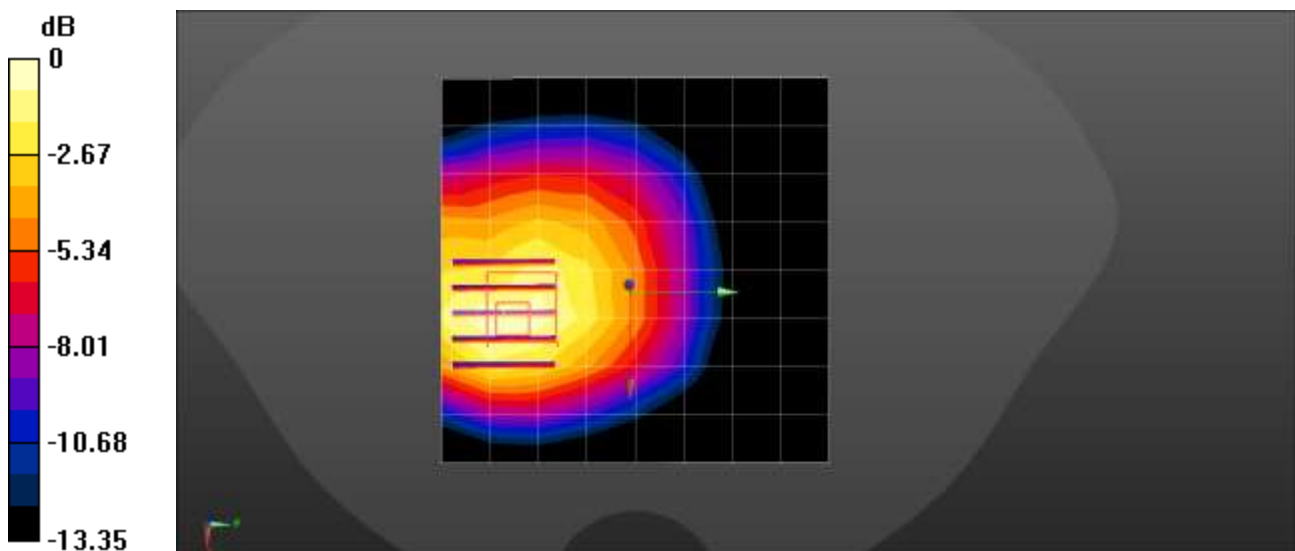
Communication System: UID 0, LTE 14 (0); Frequency: 793 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 793$ MHz; $\sigma = 0.896$ S/m; $\epsilon_r = 42.118$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(9.65, 10.07, 8.84) @ 793 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 14 Bodyworn Rear QPSK 10MHz 1RB 0offset 23330ch/Area Scan (9x9x1): Measurement grid:
dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.621 W/kg

LTE Band 14 Bodyworn Rear QPSK 10MHz 1RB 0offset 23330ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.89 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.725 W/kg
SAR(1 g) = 0.486 W/kg; SAR(10 g) = 0.318 W/kg
Maximum value of SAR (measured) = 0.648 W/kg



0 dB = 0.648 W/kg = -1.88 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Ambient Temperature: 22.1 °C
 Liquid Temperature: 22.0 °C
 Test Date: 03/29/2024
 Plot No.: B10

DUT: SM-F741U; Type: Bar

Communication System: UID 0, LTE Band 25 (0); Frequency: 1860 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1860 \text{ MHz}$; $\sigma = 1.335 \text{ S/m}$; $\epsilon_r = 38.988$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

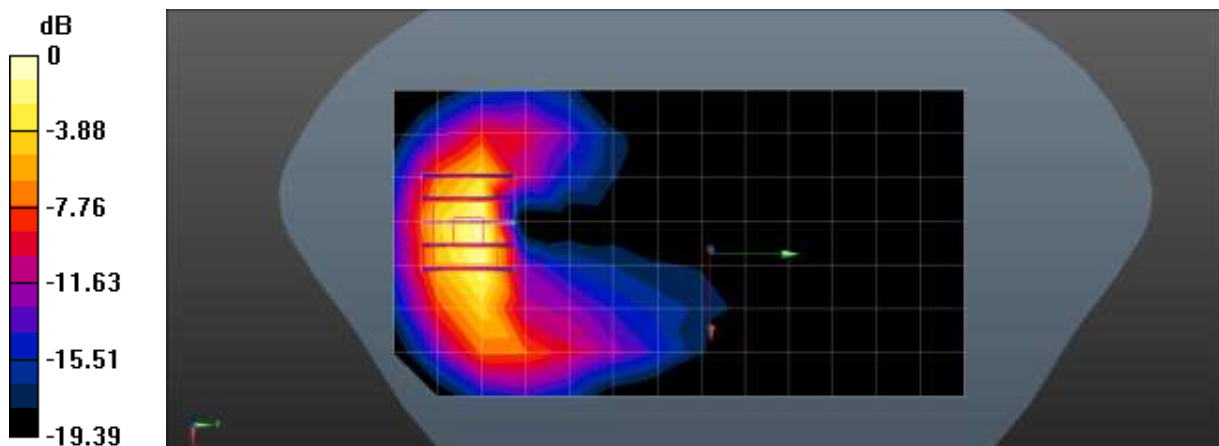
DASY5 Configuration:

- Probe: EX3DV4 - SN7680; ConvF(8.47, 8.47, 8.47) @ 1860 MHz; Calibrated: 2023-05-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1225; Calibrated: 2024-02-15
- 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)

LTE Band 25 Bodyworn Rear QPSK 20MHz 1RB 99offset 26140ch/Area Scan (8x14x1): Measurement grid:
 $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 1.21 W/kg

LTE Band 25 Bodyworn Rear QPSK 20MHz 1RB 99offset 26140ch/Zoom Scan (5x5x7)/Cube 0: Measurement
 grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 3.557 V/m; Power Drift = 0.12 dB
 Peak SAR (extrapolated) = 1.73 W/kg

SAR(1 g) = 0.935 W/kg; SAR(10 g) = 0.473 W/kg
 Maximum value of SAR (measured) = 1.42 W/kg



0 dB = 1.42 W/kg = 1.52 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Ambient Temperature: 19.8 °C
 Liquid Temperature: 19.8 °C
 Test Date: 03/20/2024
 Plot No.: B11

DUT: SM-F741U; Type: Bar

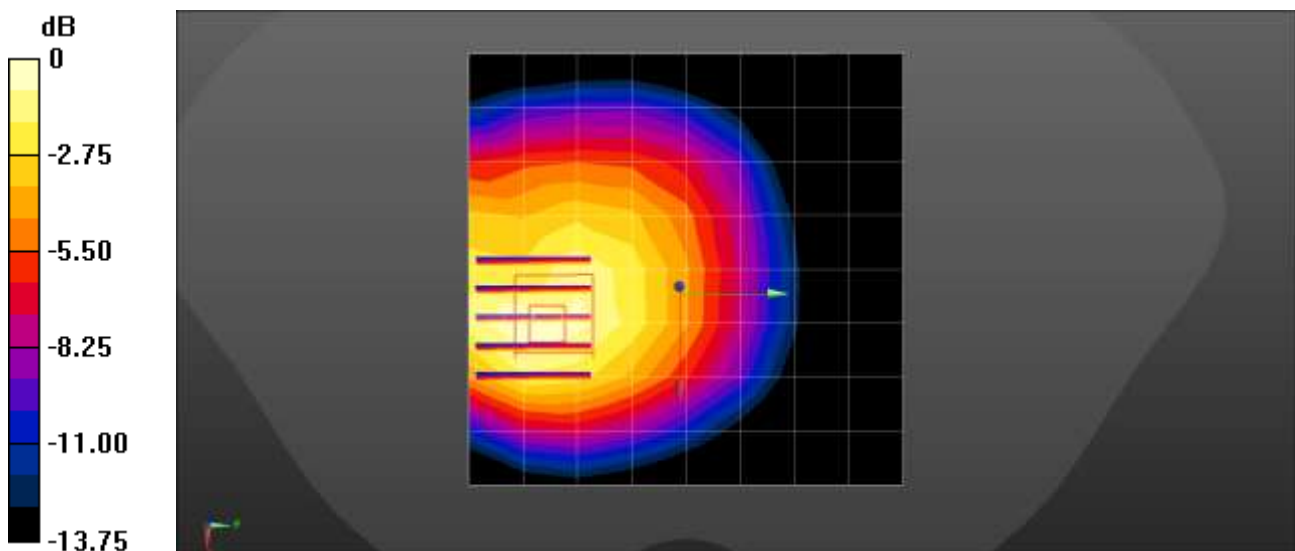
Communication System: UID 0, LTE 26 (0); Frequency: 831.5 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 831.5$ MHz; $\sigma = 0.909$ S/m; $\epsilon_r = 40.831$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

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 Bodyworn Rear QPSK 15MHz 1RB 36offset 26865ch/Area Scan (9x9x1): Measurement grid:
 dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.631 W/kg

LTE Band 26 Bodyworn Rear QPSK 15MHz 1RB 36offset 26865ch/Zoom Scan (5x5x7)/Cube 0: Measurement
 grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 17.32 V/m; Power Drift = 0.05 dB
 Peak SAR (extrapolated) = 0.729 W/kg
SAR(1 g) = 0.475 W/kg; SAR(10 g) = 0.307 W/kg
 Maximum value of SAR (measured) = 0.641 W/kg



0 dB = 0.641 W/kg = -1.93 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 21.9 °C
Liquid Temperature: 21.7 °C
Test Date: 04/08/2024
Plot No.: B12

DUT: SM-F741U; Type: Bar

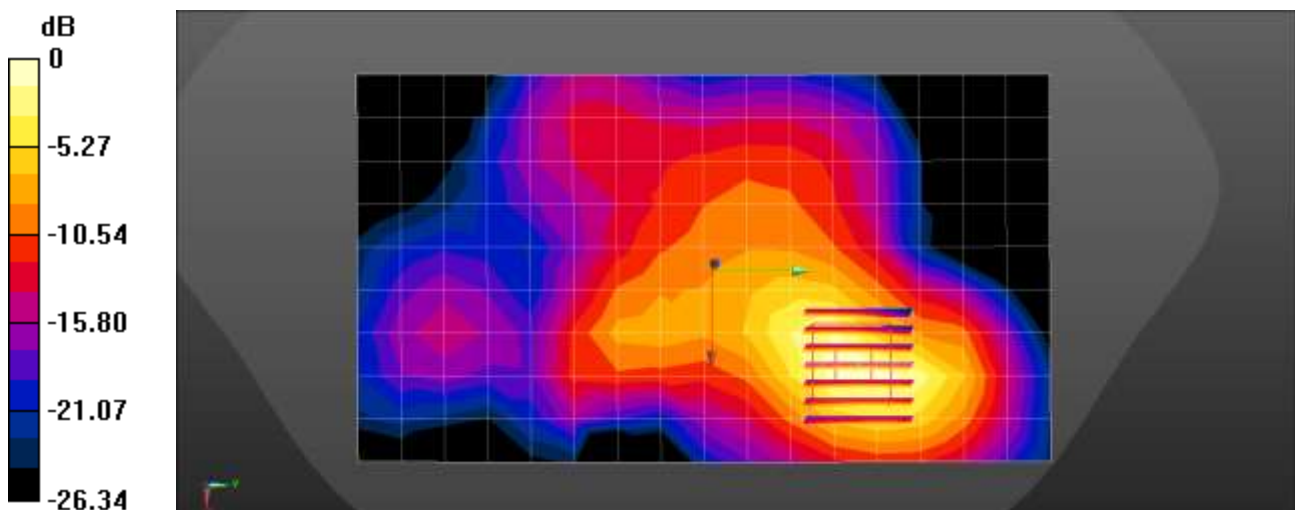
Communication System: UID 0, LTE Band 30 (0); Frequency: 2310 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2310$ MHz; $\sigma = 1.726$ S/m; $\epsilon_r = 39.261$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(8.09, 8.02, 8.69) @ 2310 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)

LTE Band 30 Bodyworn Front QPSK 10MHz 25RB 0offset 27710ch/Area Scan (10x17x1): Measurement grid:
dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.878 W/kg

LTE Band 30 Bodyworn Front QPSK 10MHz 25RB 0offset 27710ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.966 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.22 W/kg
SAR(1 g) = 0.631 W/kg; SAR(10 g) = 0.301 W/kg
Maximum value of SAR (measured) = 1.00 W/kg



0 dB = 1.00 W/kg = 0.00 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 21.9 °C
Liquid Temperature: 21.6 °C
Test Date: 03/13/2024
Plot No.: B13

DUT: SM-F741U; Type: Bar

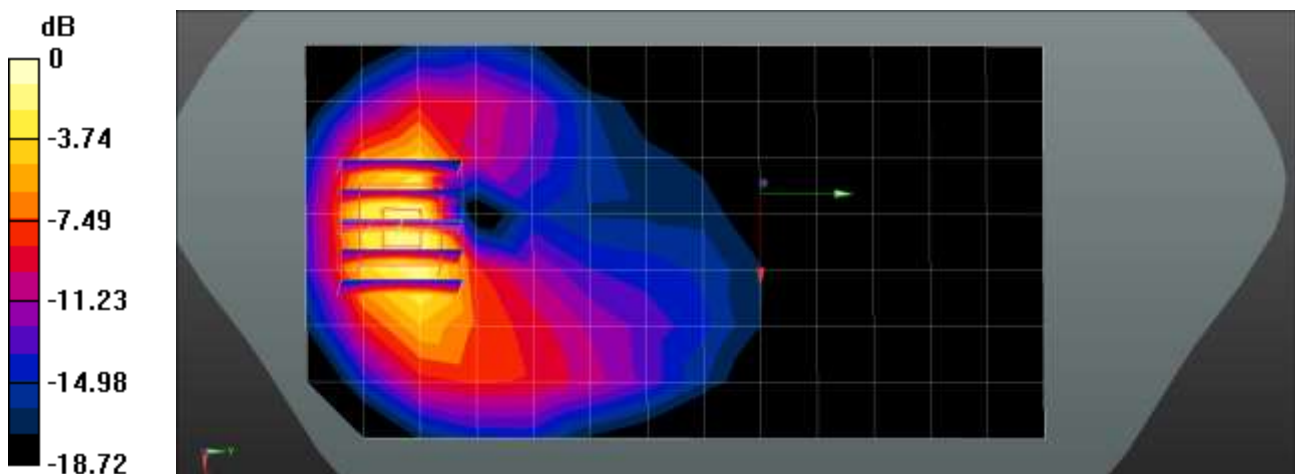
Communication System: UID 0, LTE 66 (0); Frequency: 1720 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1720$ MHz; $\sigma = 1.342$ S/m; $\epsilon_r = 41.414$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7680; ConvF(9.1, 9.1, 9.1) @ 1720 MHz; Calibrated: 2023-05-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1225; Calibrated: 2024-02-15
- 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)

LTE Band 66 Bodyworn Rear QPSK 20MHz 1RB 99offset 132072ch/Area Scan (8x14x1): Measurement grid:
dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.808 W/kg

LTE Band 66 Bodyworn Rear QPSK 20MHz 1RB 99offset 132072ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 0.752 W/kg; SAR(10 g) = 0.387 W/kg
Maximum value of SAR (measured) = 1.12 W/kg



0 dB = 1.12 W/kg = 0.49 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.: B14

DUT: SM-F741U; Type: Bar

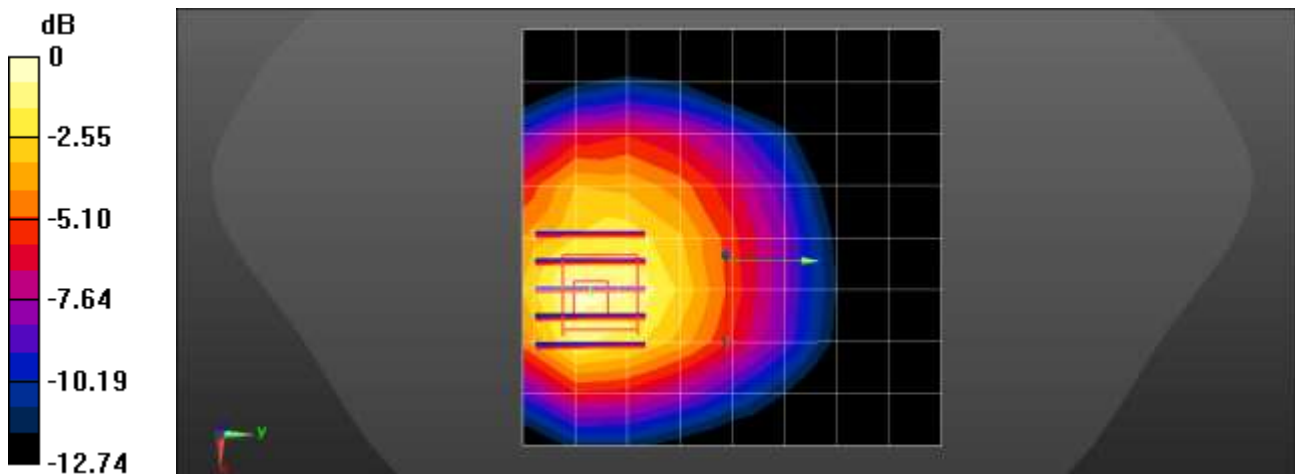
Communication System: UID 0, LTE 71 (0); Frequency: 680.5 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 680.5 \text{ MHz}$; $\sigma = 0.876 \text{ S/m}$; $\epsilon_r = 42.363$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(9.65, 10.07, 8.84) @ 680.5 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 71 BodyWorn Rear QPSK 20MHz 1RB 99offset 133297ch/Area Scan (9x9x1): Measurement grid:
 $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.246 W/kg

LTE Band 71 BodyWorn Rear QPSK 20MHz 1RB 99offset 133297ch/Zoom Scan (5x5x7)/Cube 0:
 Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 10.01 V/m; Power Drift = -0.17 dB
 Peak SAR (extrapolated) = 0.305 W/kg
SAR(1 g) = 0.192 W/kg; SAR(10 g) = 0.122 W/kg
 Maximum value of SAR (measured) = 0.264 W/kg



0 dB = 0.264 W/kg = -5.78 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 20.2 °C
Liquid Temperature: 20.0 °C
Test Date: 02/28/2024
Plot No.: B15

DUT: SM-F741U; Type Bar

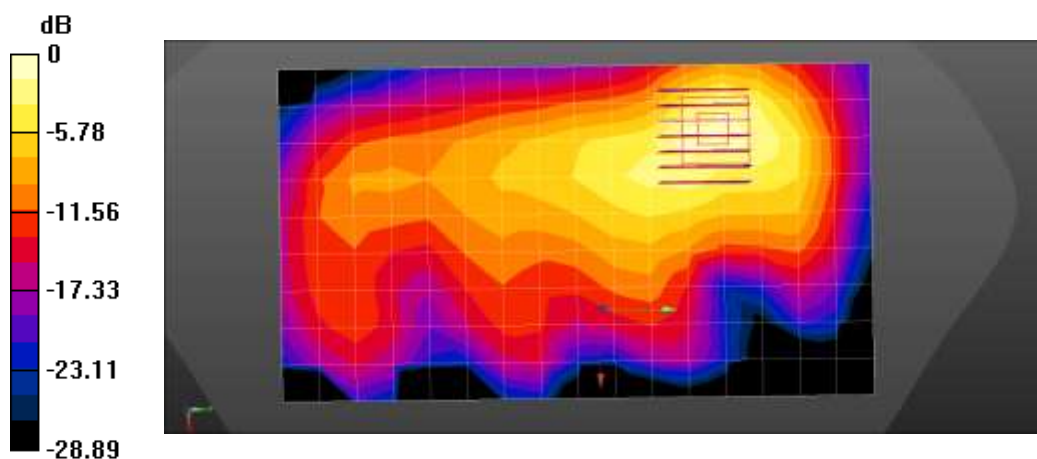
Communication System: UID 0, LTE Band41 (0); Frequency: 2680 MHz; Duty Cycle: 1:2.31047
Medium parameters used: $f = 2680$ MHz; $\sigma = 2.106$ S/m; $\epsilon_r = 38.471$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7622; ConvF(7.89, 7.52, 7.77) @ 2680 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 Bodyworn Rear QPSK 20MHz 50RB 0offset 41490ch/Area Scan (10x17x1): Measurement grid:
dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.720 W/kg

LTE Band 41 Bodyworn Rear QPSK 20MHz 50RB 0offset 41490ch/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) = 1.09 W/kg
SAR(1 g) = 0.489 W/kg; SAR(10 g) = 0.221 W/kg
Maximum value of SAR (measured) = 0.847 W/kg



0 dB = 0.847 W/kg = -0.72 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Ambient Temperature: 19.4 °C
 Liquid Temperature: 19.3 °C
 Test Date: 03/13/2024
 Plot No.: B16

DUT: SM-F741U; Type: Bar

Communication System: UID 0, LTE 48 (0); Frequency: 3560 MHz; Duty Cycle: 1:1.58016
 Medium parameters used: $f = 3560$ MHz; $\sigma = 2.966$ S/m; $\epsilon_r = 37.858$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7622; ConvF(7.12, 6.89, 7.07) @ 3560 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)

LTE Band 48 BodyWorn Front QPSK 20MHz 50RB 49offset 55340ch/Area Scan (10x11x1): Measurement grid:

dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.665 W/kg

LTE Band 48 BodyWorn Front QPSK 20MHz 50RB 49offset 55340ch/Zoom Scan (7x7x8)/Cube 0:

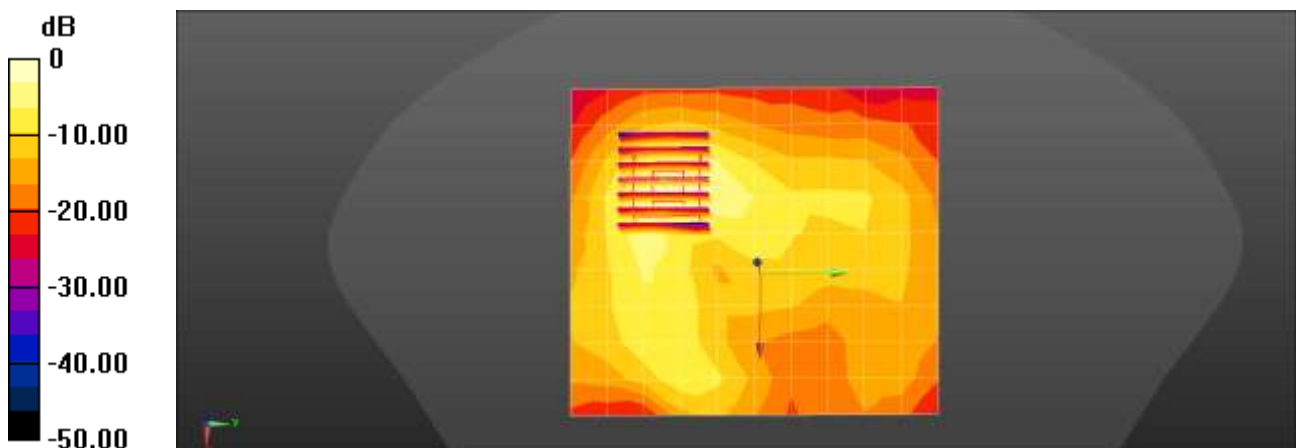
Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 4.492 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.387 W/kg; SAR(10 g) = 0.146 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: 19.1 °C
Liquid Temperature: 19.0 °C
Test Date: 04/06/2024
Plot No.: B17

DUT: SM-F741U; Type: Bar

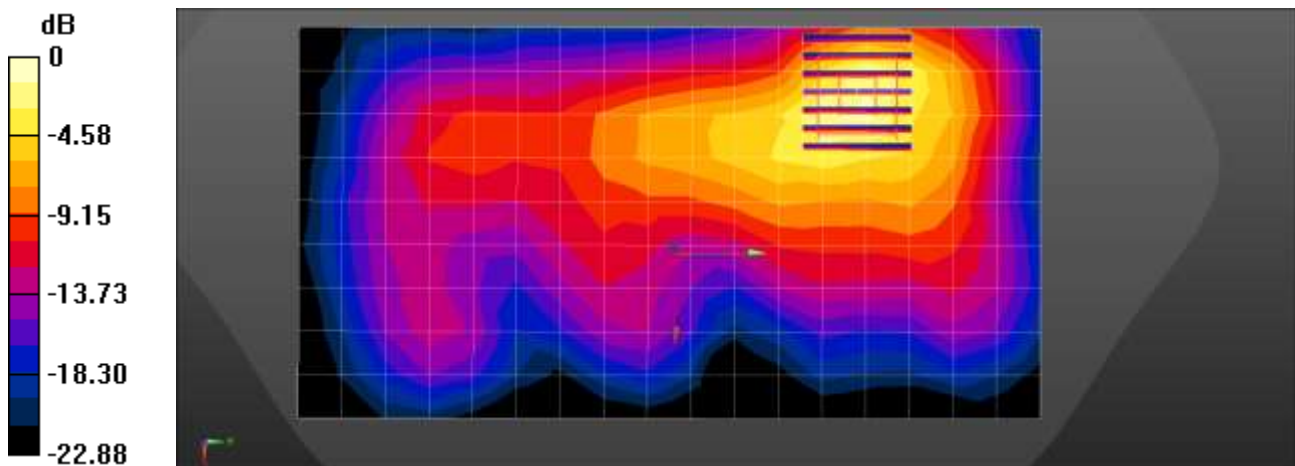
Communication System: UID 0, NR Band n7 (0); Frequency: 2535 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 2535$ MHz; $\sigma = 1.918$ S/m; $\epsilon_r = 39.308$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(7.57, 7.57, 7.57) @ 2535 MHz; Calibrated: 2023-08-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2023-07-04
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR Band n7 BodyWorn Rear CP QPSK 40MHz 1RB 1offset 507000ch/Area Scan (10x18x1): Measurement grid:
dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.790 W/kg

NR Band n7 BodyWorn Rear CP QPSK 40MHz 1RB 1offset 507000ch/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.203 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.560 W/kg; SAR(10 g) = 0.252 W/kg
Maximum value of SAR (measured) = 1.00 W/kg



0 dB = 1.00 W/kg = 0.00 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Ambient Temperature: 23.4 °C
 Liquid Temperature: 23.1 °C
 Test Date: 04/18/2024
 Plot No.: B18

DUT: SM-F741U; Type: Bar

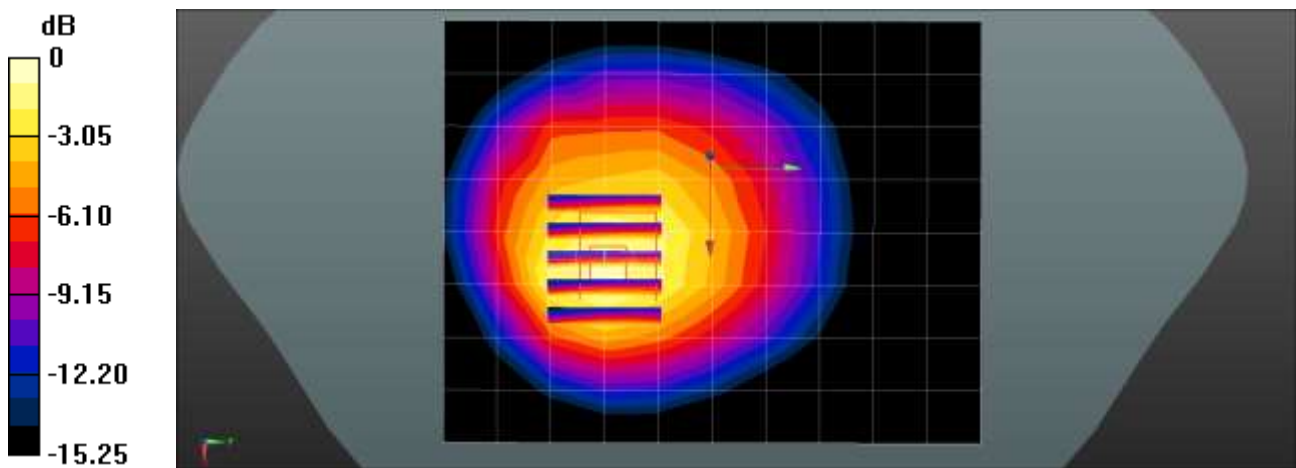
Communication System: UID 0, NR Band 12 (0); Frequency: 707.5 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.869$ S/m; $\epsilon_r = 43.463$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(10.38, 10.38, 10.38) @ 707.5 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 n12 BodyWorn Rear DFT-s QPSK 15MHz 36RB 22offset 141500ch/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.466 W/kg

NR Band n12 BodyWorn Rear DFT-s QPSK 15MHz 36RB 22offset 141500ch/Zoom Scan (5x5x7)/Cube 0:
 Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 16.04 V/m; Power Drift = -0.12 dB
 Peak SAR (extrapolated) = 0.594 W/kg
SAR(1 g) = 0.332 W/kg; SAR(10 g) = 0.199 W/kg
 Maximum value of SAR (measured) = 0.495 W/kg



0 dB = 0.495 W/kg = -3.05 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Ambient Temperature: 19.0 °C
 Liquid Temperature: 18.9 °C
 Test Date: 04/09/2024
 Plot No.: B19

DUT: SM-F741U; Type: Bar

Communication System: UID 0, NR n25 (0); Frequency: 1882.5 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1882.5$ MHz; $\sigma = 1.431$ S/m; $\epsilon_r = 40.888$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

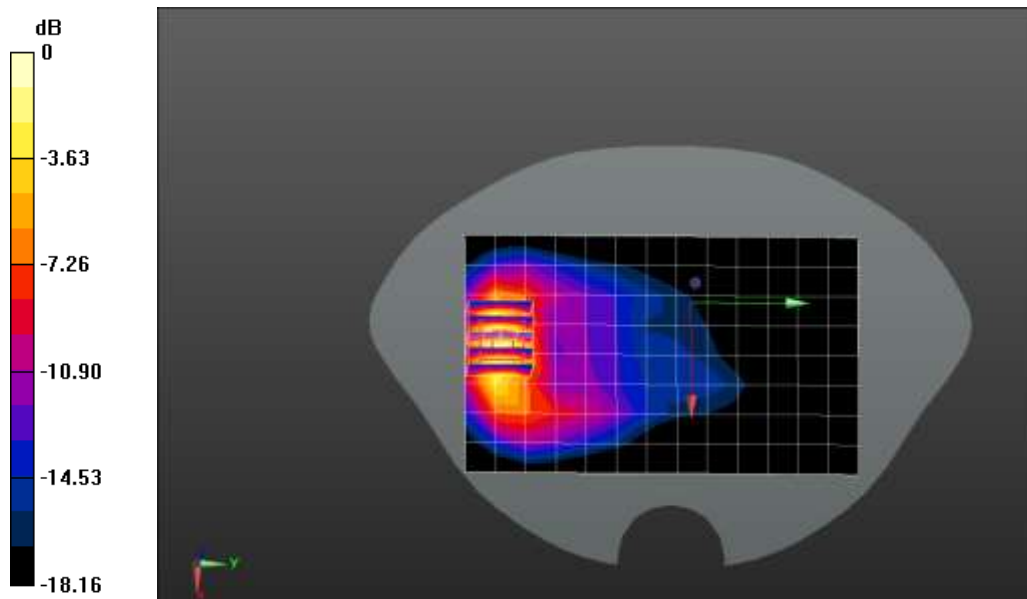
- Probe: EX3DV4 - SN7681; ConvF(7.94, 8.33, 8.49) @ 1882.5 MHz; Calibrated: 2023-11-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1686; Calibrated: 2023-05-23
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

NR Band n25 BodyWorn Rear DFT-s QPSK 40MHz 108RB 54offset 376500ch/Area Scan (9x14x1):

Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 1.23 W/kg

NR Band n25 BodyWorn Rear DFT-s QPSK 40MHz 108RB 54offset 376500ch/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 5.692 V/m; Power Drift = 0.05 dB
 Peak SAR (extrapolated) = 1.72 W/kg
SAR(1 g) = 0.980 W/kg; SAR(10 g) = 0.504 W/kg
 Maximum value of SAR (measured) = 1.41 W/kg



0 dB = 1.41 W/kg = 1.49 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Ambient Temperature: 20.4 °C
 Liquid Temperature: 20.3 °C
 Test Date: 03/26/2024
 Plot No.: B20

DUT: SM-F741U; Type: Bar

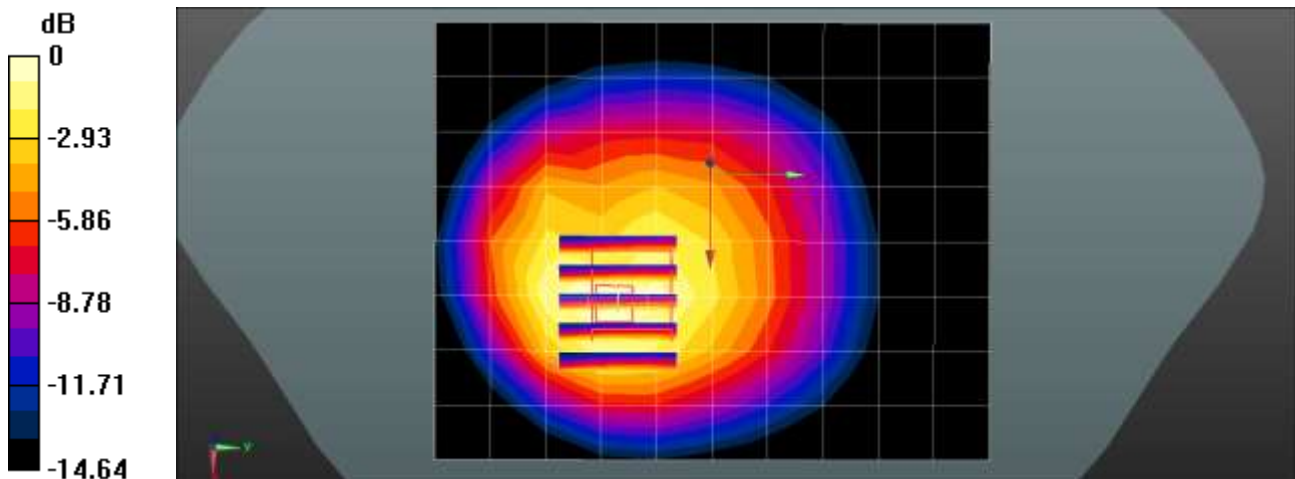
Communication System: UID 0, NR Band 26 (0); Frequency: 831.5 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 831.5 \text{ MHz}$; $\sigma = 0.919 \text{ S/m}$; $\epsilon_r = 40.753$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(10.01, 10.01, 10.01) @ 831.5 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 n26 Body Rear DFT-s QPSK 20MHz 50RB 28offset 166300ch/Area Scan (9x11x1): Measurement grid:
 $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.617 W/kg

NR Band n26 Body Rear DFT-s QPSK 20MHz 50RB 28offset 166300ch/Zoom Scan (5x5x7)/Cube 0:
 Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 19.41 V/m; Power Drift = -0.13 dB
 Peak SAR (extrapolated) = 0.753 W/kg
SAR(1 g) = 0.444 W/kg; SAR(10 g) = 0.271 W/kg
 Maximum value of SAR (measured) = 0.630 W/kg



0 dB = 0.630 W/kg = -2.01 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Ambient Temperature: 19.3 °C
 Liquid Temperature: 19.2 °C
 Test Date: 04/11/2024
 Plot No.: B21

DUT: SM-F741U; Type: Bar

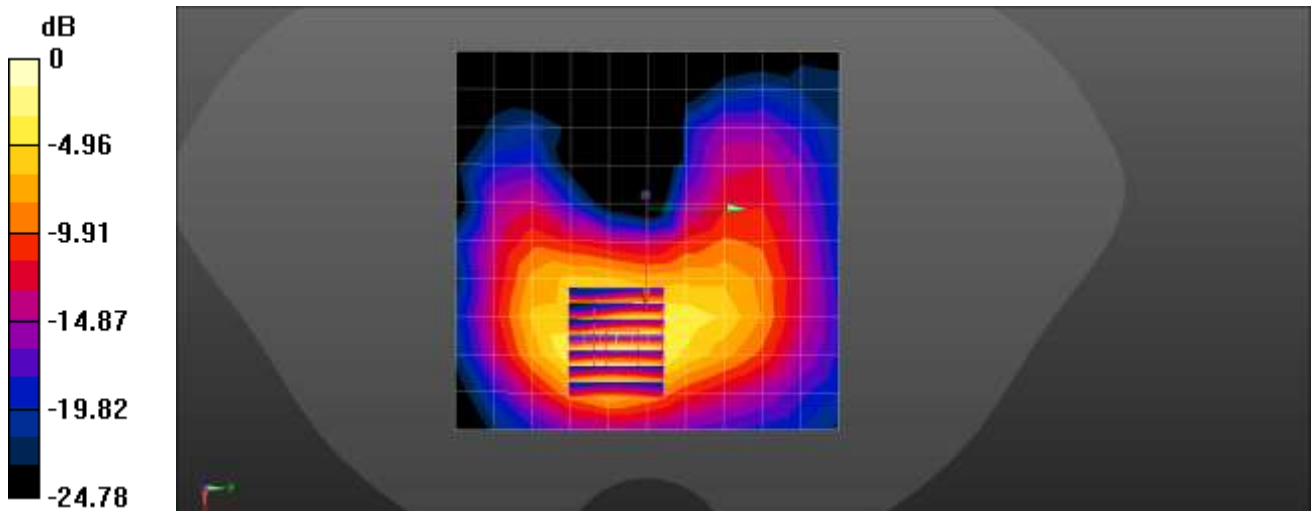
Communication System: UID 0, NR n30 (0); Frequency: 2310 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.727$ S/m; $\epsilon_r = 39.261$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(8.37, 8.37, 8.37) @ 2310 MHz; Calibrated: 2023-08-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2023-07-04
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR Band n30 Bodyworn Front DFT-s QPSK 10MHz 25RB 0offset 462000ch/Area Scan (11x11x1): Measurement
 grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 1.11 W/kg

NR Band n30 Bodyworn Front DFT-s QPSK 10MHz 25RB 0offset 462000ch/Zoom Scan (7x7x7)/Cube 0:
 Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 5.081 V/m; Power Drift = -0.14 dB
 Peak SAR (extrapolated) = 1.48 W/kg
SAR(1 g) = 0.647 W/kg; SAR(10 g) = 0.290 W/kg
 Maximum value of SAR (measured) = 1.15 W/kg



0 dB = 1.15 W/kg = 0.61 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Ambient Temperature: 20.7 °C
 Liquid Temperature: 20.5 °C
 Test Date: 04/06/2024
 Plot No.: B22

DUT: SM-F741U; Type: Bar

Communication System: UID 0, NR Band 66 (0); Frequency: 1745 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1745 \text{ MHz}$; $\sigma = 1.366 \text{ S/m}$; $\epsilon_r = 41.481$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

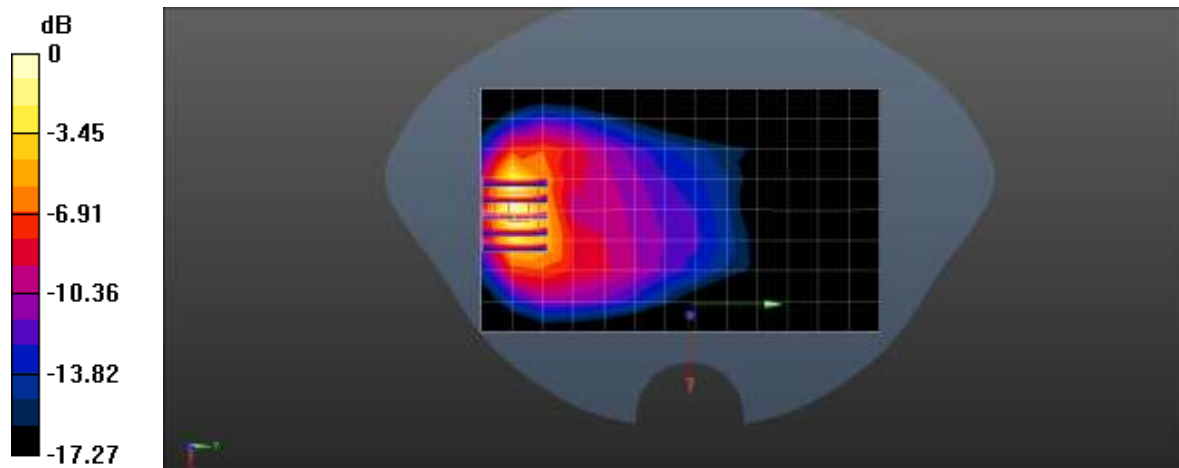
- Probe: EX3DV4 - SN7681; ConvF(8.29, 8.71, 8.9) @ 1745 MHz; Calibrated: 2023-11-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1686; Calibrated: 2023-05-23
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

NR Band n66 Bodyworn Rear DFT-s QPSK 40MHz 216RB 0offset 349000ch/Area Scan (9x14x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 1.07 W/kg

NR Band n66 Bodyworn Rear DFT-s QPSK 40MHz 216RB 0offset 349000ch/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 7.283 V/m; Power Drift = -0.03 dB
 Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 0.824 W/kg; SAR(10 g) = 0.428 W/kg
 Maximum value of SAR (measured) = 1.15 W/kg



0 dB = 1.15 W/kg = 0.61 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 19.2 °C
Liquid Temperature: 19.1 °C
Test Date: 03/29/2024
Plot No.: B23

DUT: SM-F741U; Type: Bar

Communication System: UID 0, NR Band n70 (0); Frequency: 1702.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1702.5$ MHz; $\sigma = 1.303$ S/m; $\epsilon_r = 41.616$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

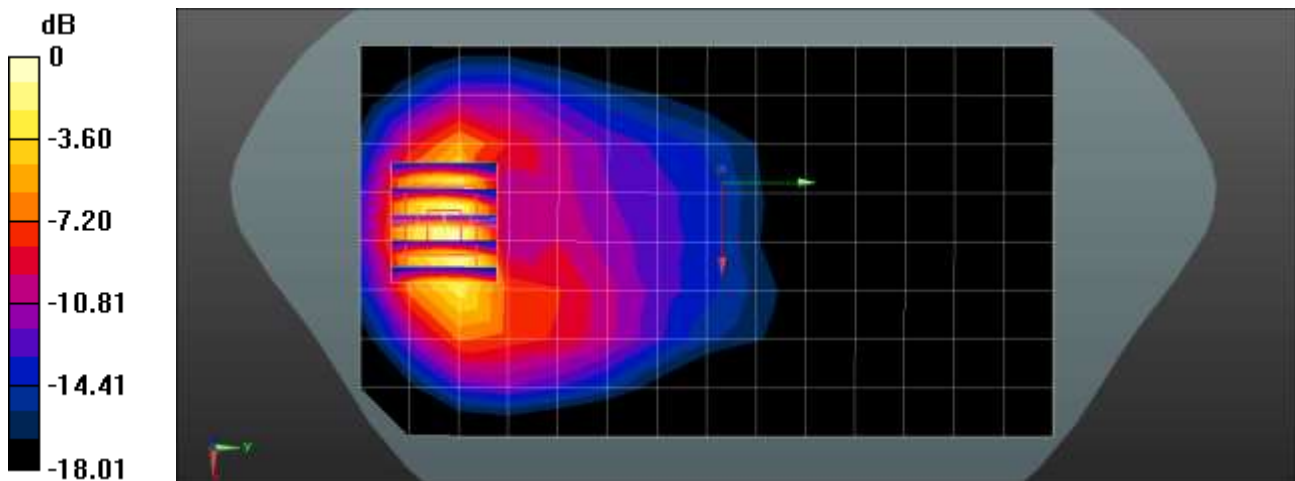
- Probe: EX3DV4 - SN7702; ConvF(8.49, 8.77, 7.91) @ 1702.5 MHz; Calibrated: 2024-01-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2023-07-04
- Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR Band n70 BodyWorn Rear DFT-s QPSK 15MHz 36RB 43offset 340500ch/Area Scan (9x15x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.780 W/kg

NR Band n70 BodyWorn Rear DFT-s QPSK 15MHz 36RB 43offset 340500ch/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.181 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.591 W/kg; SAR(10 g) = 0.309 W/kg
Maximum value of SAR (measured) = 0.877 W/kg



0 dB = 0.877 W/kg = -0.57 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Ambient Temperature: 20.1 °C
 Liquid Temperature: 20.0 °C
 Test Date: 03/22/2024
 Plot No.: B24

DUT: SM-F741U; Type: Bar

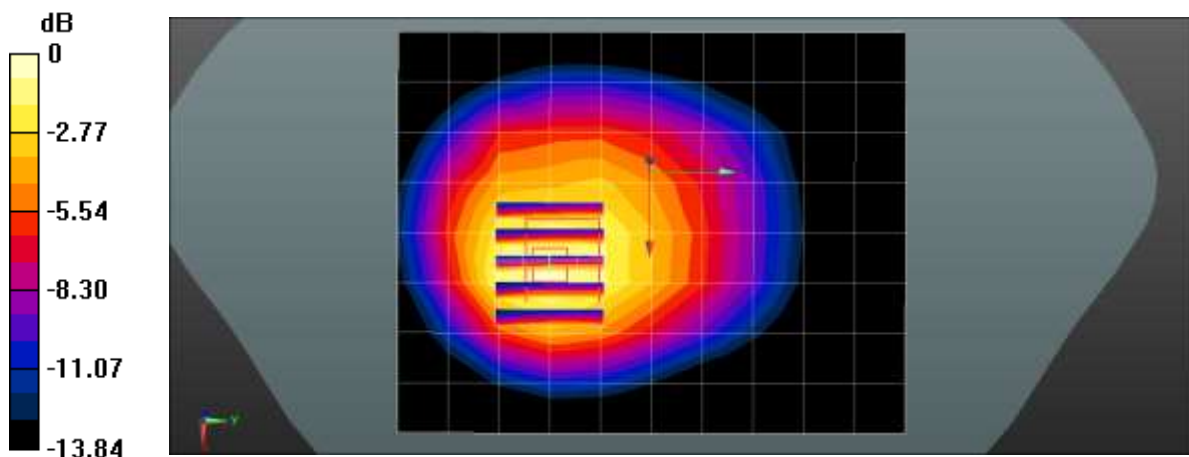
Communication System: UID 0, NR Band 71 (0); Frequency: 680.5 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 680.5$ MHz; $\sigma = 0.875$ S/m; $\epsilon_r = 43.059$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(10.38, 10.38, 10.38) @ 680.5 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 n71 BodyWorn Rear DFT-s QPSK 20MHz 50RB 28offset 136100ch/Area Scan (9x11x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.413 W/kg

NR Band n71 BodyWorn Rear DFT-s QPSK 20MHz 50RB 28offset 136100ch/Zoom Scan (5x5x7)/Cube 0:
 Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 15.66 V/m; Power Drift = -0.02 dB
 Peak SAR (extrapolated) = 0.536 W/kg
SAR(1 g) = 0.311 W/kg; SAR(10 g) = 0.193 W/kg
 Maximum value of SAR (measured) = 0.446 W/kg



0 dB = 0.446 W/kg = -3.51 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 22.1 °C
Liquid Temperature: 22.1 °C
Test Date: 03/14/2024
Plot No.: B25

DUT: SM-F741U; Type: Bar

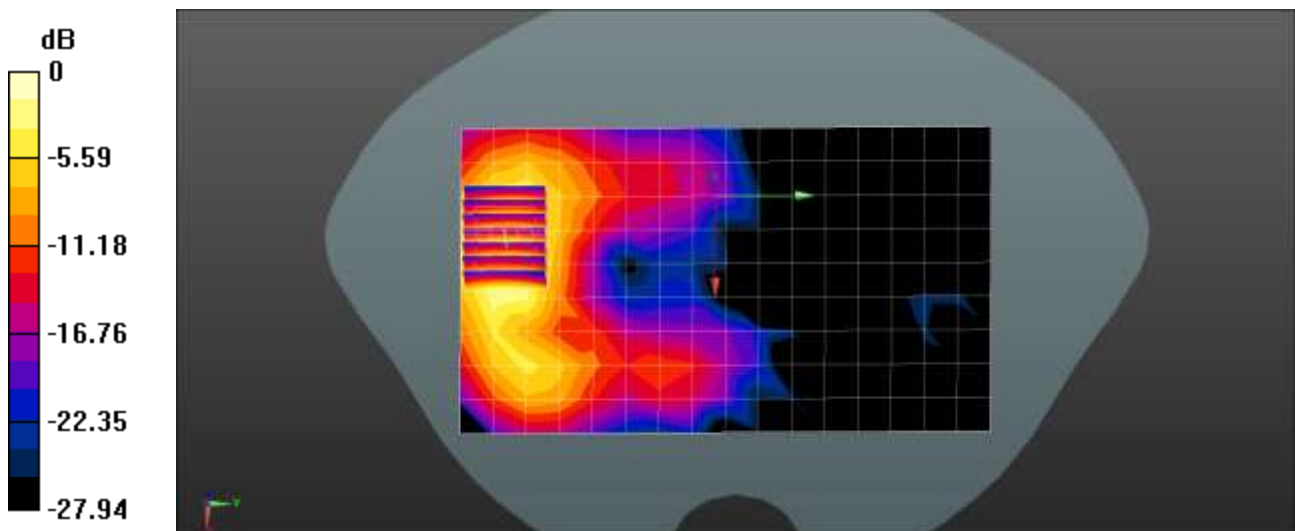
Communication System: UID 0, NR n38 [FCC] (0); Frequency: 2595 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2595$ MHz; $\sigma = 1.973$ S/m; $\epsilon_r = 39.822$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(7.87, 7.41, 7.6) @ 2595 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)

NR Band n38 Bodyworn Rear CP QPSK 40MHz 1RB 1offset 519000ch/Area Scan (10x17x1): Measurement grid:
 $dx=12$ mm, $dy=12$ mm
 Maximum value of SAR (measured) = 0.667 W/kg

NR Band n38 Bodyworn Rear CP QPSK 40MHz 1RB 1offset 519000ch/Zoom Scan (7x7x7)/Cube 0:
 Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
 Reference Value = 22.15 V/m; Power Drift = -0.18 dB
 Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.517 W/kg; SAR(10 g) = 0.246 W/kg
 Maximum value of SAR (measured) = 0.860 W/kg



0 dB = 0.860 W/kg = -0.66 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Ambient Temperature: 24.2 °C
 Liquid Temperature: 24.2 °C
 Test Date: 04/22/2024
 Plot No.: B26

DUT: SM-F741U; Type: Bar

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; $\epsilon_r = 39.157$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

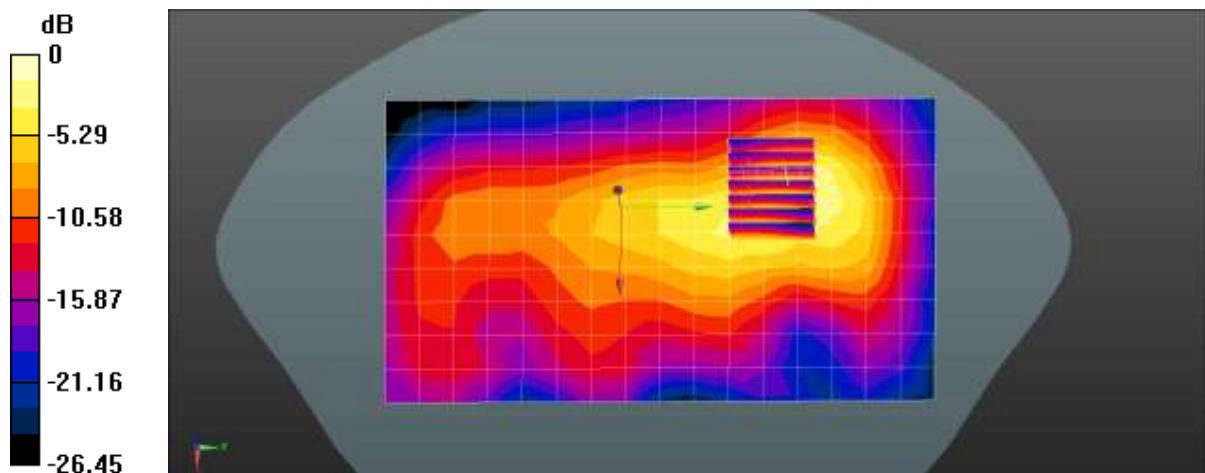
- Probe: EX3DV4 - SN3903; ConvF(7.87, 7.41, 7.6) @ 2592.99 MHz; Calibrated: 2023-07-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1417; Calibrated: 2024-02-16
- Phantom: SAM_Right_20170913; Type: QD000P40CC; Serial: 1070
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

NR Band n41 Bodyworn Rear DFT-s QPSK 100MHz 270RB 0offset 518598ch/Area Scan (10x17x1):

Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.945 W/kg

NR Band n41 Bodyworn Rear DFT-s QPSK 100MHz 270RB 0offset 518598ch/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 7.518 V/m; Power Drift = 0.10 dB
 Peak SAR (extrapolated) = 1.32 W/kg
SAR(1 g) = 0.636 W/kg; SAR(10 g) = 0.298 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: 19.2 °C
Liquid Temperature: 19.2 °C
Test Date: 03/19/2024
Plot No.: B27

DUT: SM-F741U; Type: Bar

Communication System: UID 0, NR n48 (0); Frequency: 3624.99 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 3624.99$ MHz; $\sigma = 3.024$ S/m; $\epsilon_r = 37.812$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7622; ConvF(7.03, 6.78, 7) @ 3624.99 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 n48 Bodyworn Front DFT-s QPSK 40MHz 50RB 0offset 641666ch/Area Scan (10x11x1):

Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.577 W/kg

NR Band n48 Bodyworn Front DFT-s QPSK 40MHz 50RB 0offset 641666ch/Zoom Scan (7x7x8)/Cube 0:

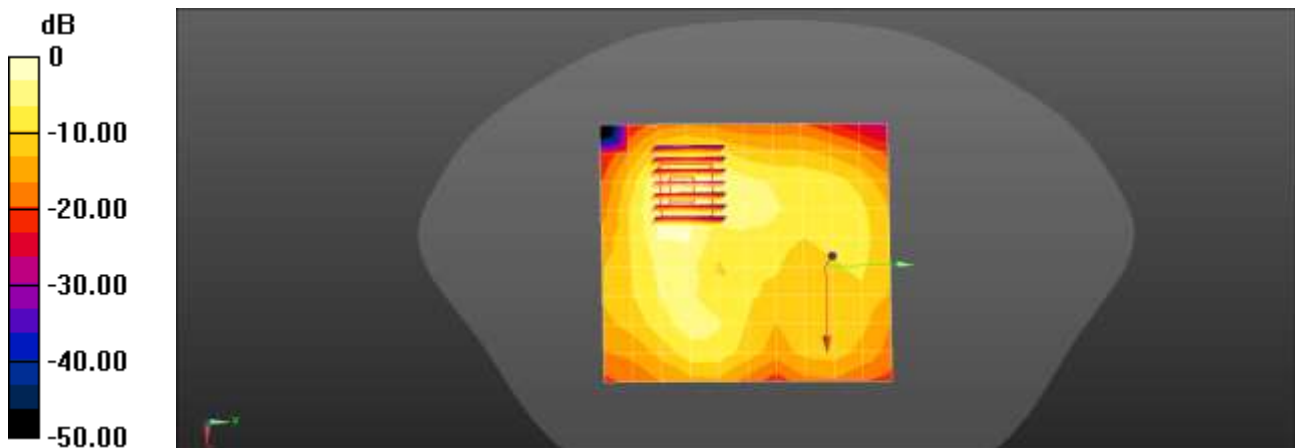
Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 4.995 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.868 W/kg

SAR(1 g) = 0.331 W/kg; SAR(10 g) = 0.135 W/kg

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



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

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 20.5 °C
Liquid Temperature: 20.4 °C
Test Date: 03/15/2024
Plot No.: B28

DUT: SM-F741U; **Type:** Bar

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; $\sigma = 2.911$ S/m; $\epsilon_r = 37.905$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

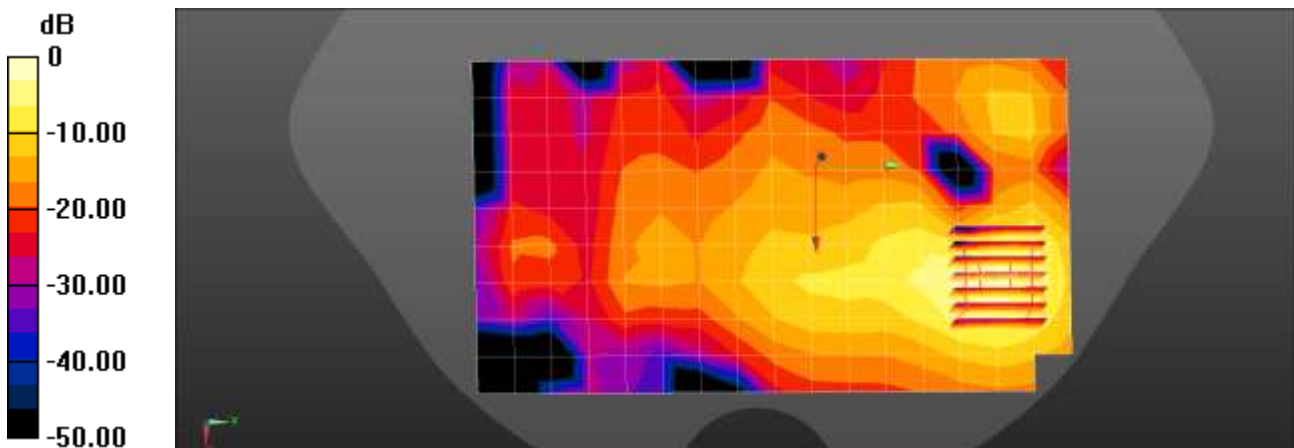
- Probe: EX3DV4 - SN7622; ConvF(7.12, 6.89, 7.07) @ 3500.01 MHz; Calibrated: 2023-11-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1629; Calibrated: 2023-08-21
- Phantom: Twin-SAM V8.0_20171017(Left2); Type: QD 000 P41 AA; Serial: 1932
- Measurement SW: DASY52, Version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

NR Band n77 Bodyworn Rear DFT-s QPSK 100MHz 135RB 138offset 633334ch/Area Scan (10x17x1):

Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 1.01 W/kg

NR Band n77 Bodyworn Rear DFT-s QPSK 100MHz 135RB 138offset 633334ch/Zoom Scan (7x7x8)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=4mm
 Reference Value = 2.090 V/m; Power Drift = 0.06 dB
 Peak SAR (extrapolated) = 1.37 W/kg
SAR(1 g) = 0.516 W/kg; SAR(10 g) = 0.197 W/kg
 Maximum value of SAR (measured) = 1.01 W/kg



0 dB = 1.01 W/kg = 0.04 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Ambient Temperature: 21.4 °C
 Liquid Temperature: 21.3 °C
 Test Date: 03/04/2024
 Plot No.: B29

DUT: SM-F741U; Type: Bar

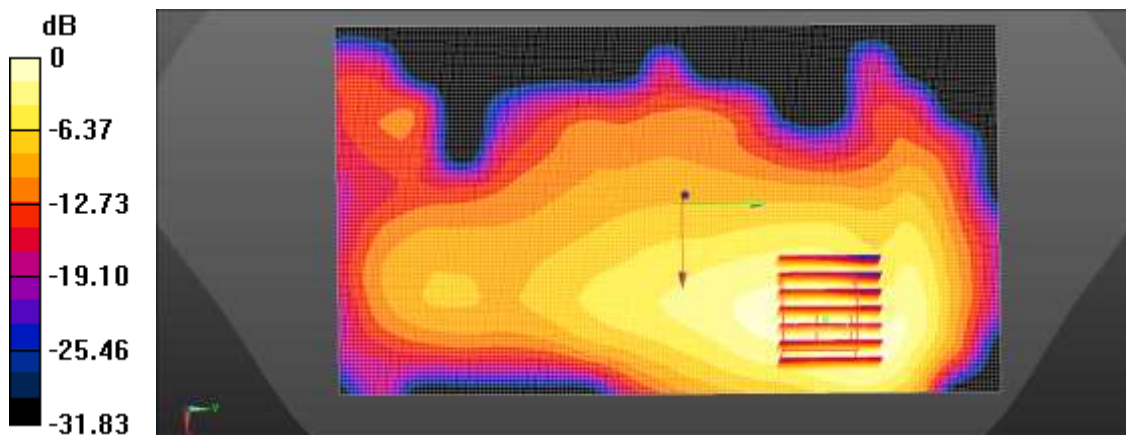
Communication System: UID 0, 2450MHz FCC (0); Frequency: 2412 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2412 \text{ MHz}$; $\sigma = 1.808 \text{ S/m}$; $\epsilon_r = 39.151$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

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 (91x161x1): Interpolated grid: $dx=1.200 \text{ mm}$, $dy=1.200 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.263 W/kg

802.11b Body Rear 1Mbps 1ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
 Reference Value = 5.291 V/m; Power Drift = -0.17 dB
 Peak SAR (extrapolated) = 0.341 W/kg
SAR(1 g) = 0.174 W/kg; SAR(10 g) = 0.090 W/kg
 Maximum value of SAR (measured) = 0.278 W/kg



$0 \text{ dB} = 0.278 \text{ W/kg} = -5.56 \text{ dBW/kg}$

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Ambient Temperature: 19.9 °C
 Liquid Temperature: 19.8 °C
 Test Date: 02/28/2024
 Plot No.: B30

DUT: SM-F741U; Type: Bar

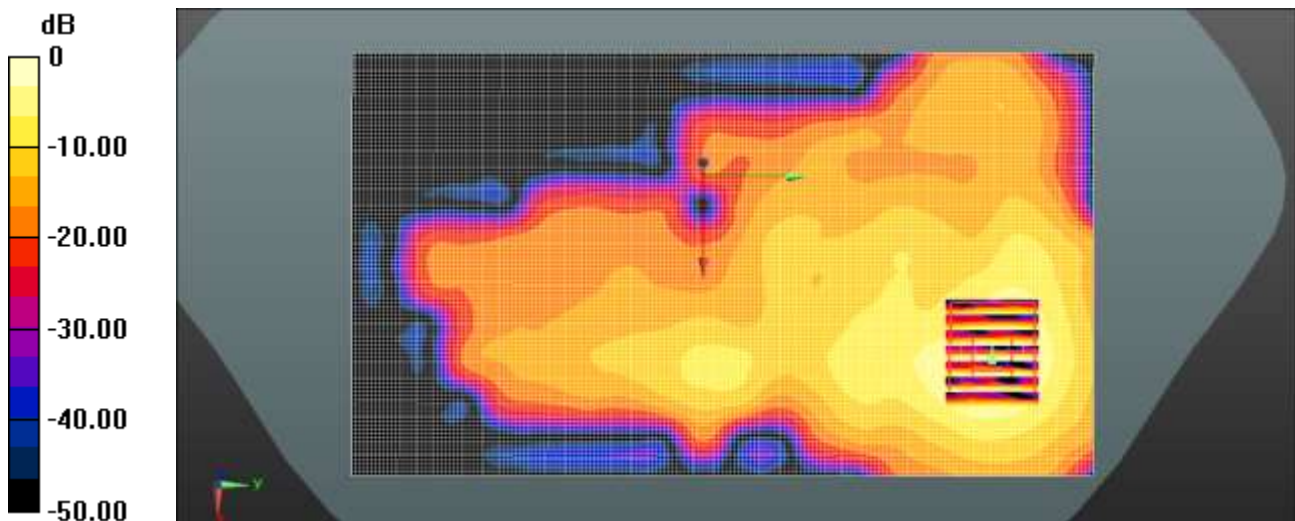
Communication System: UID 0, WIFI 5GHz (0); Frequency: 5300 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5300 \text{ MHz}$; $\sigma = 4.71 \text{ S/m}$; $\epsilon_r = 36.482$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

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 Bodyworn Rear 6Mbps 60ch/Area Scan (111x191x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
 Maximum value of SAR (interpolated) = 0.678 W/kg

802.11a Bodyworn 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 = 1.247 V/m; Power Drift = -0.19 dB
 Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.285 W/kg; SAR(10 g) = 0.096 W/kg
 Maximum value of SAR (measured) = 0.673 W/kg



0 dB = 0.673 W/kg = -1.72 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 21.0 °C
Liquid Temperature: 20.9 °C
Test Date: 03/06/2024
Plot No.: B31

DUT: SM-F741U; Type: Bar

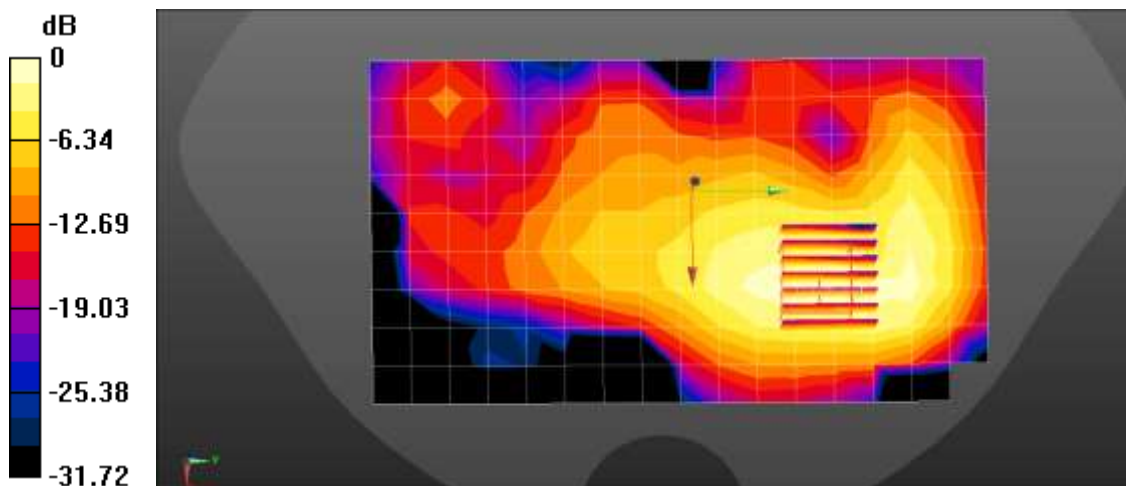
Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 2402$ MHz; $\sigma = 1.8$ S/m; $\epsilon_r = 39.153$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(7.94, 7.91, 8.56) @ 2402 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 0ch/Area Scan (10x17x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.159 W/kg

Bluetooth Body Rear DH5 0ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.967 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.212 W/kg
SAR(1 g) = 0.109 W/kg; SAR(10 g) = 0.057 W/kg
Maximum value of SAR (measured) = 0.174 W/kg



0 dB = 0.174 W/kg = -7.59 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Ambient Temperature: 23.0 °C
 Liquid Temperature: 22.9 °C
 Test Date: 03/07/2024
 Plot No.: C1

DUT: SM-F741U; Type: Bar

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; $\sigma = 0.932$ S/m; $\epsilon_r = 41.577$; $\rho = 1000$ 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)

GSM850 4Tx Body Rear 190ch/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.355 W/kg

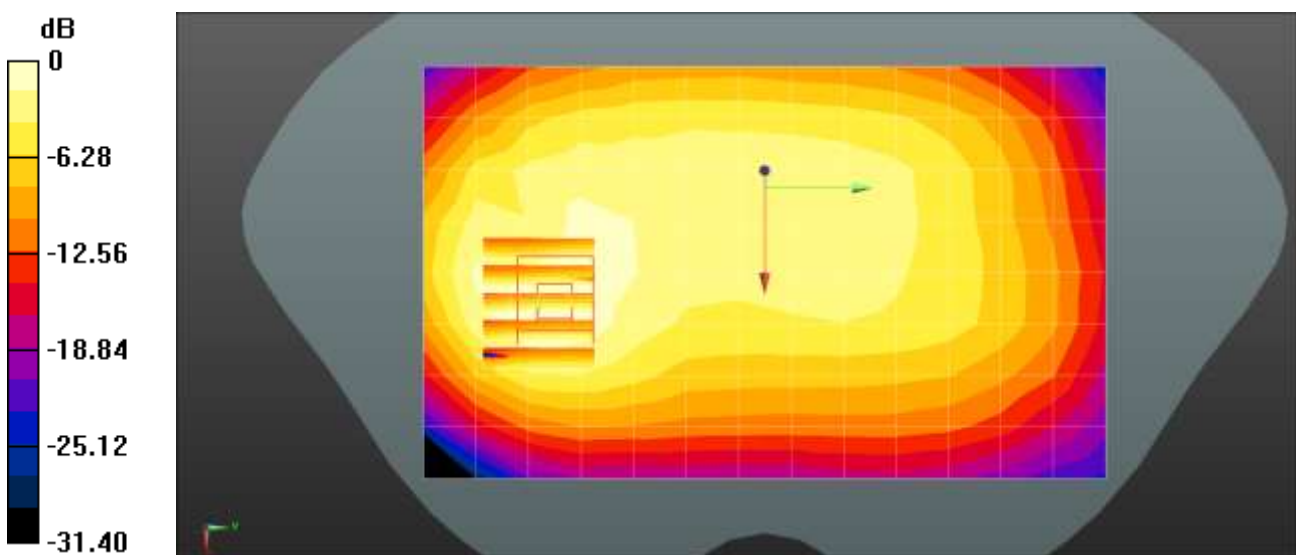
GSM850 4Tx Body Rear 190ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.26 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.409 W/kg

SAR(1 g) = 0.266 W/kg; SAR(10 g) = 0.159 W/kg

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



0 dB = 0.363 W/kg = -4.40 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 22.9 °C
Liquid Temperature: 22.8 °C
Test Date: 03/06/2024
Plot No.: C2

DUT: SM-F741U; Type: Bar

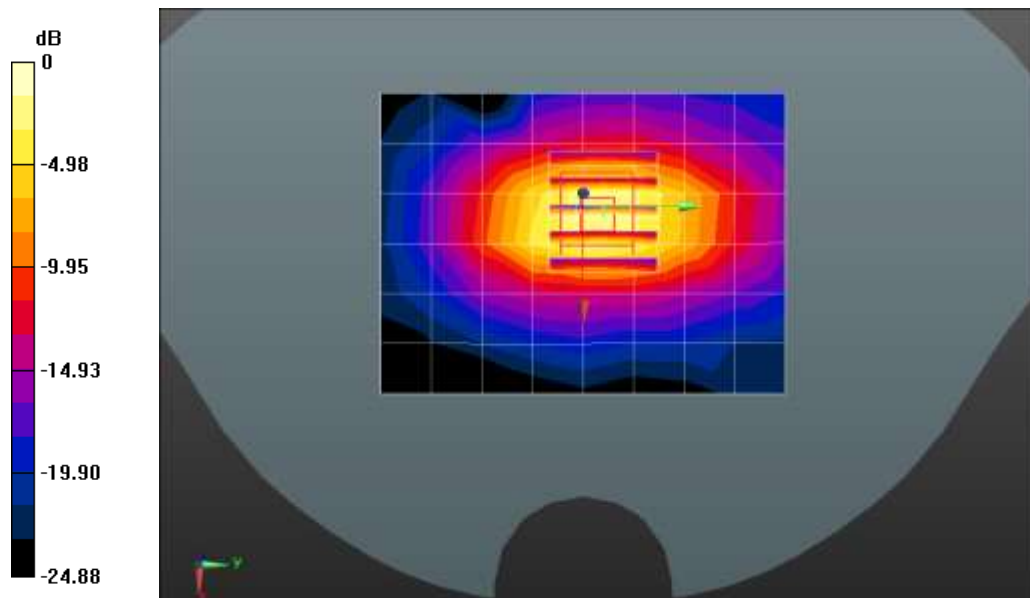
Communication System: UID 0, GSM1900 GPRS 3Tx (0); Frequency: 1880 MHz; Duty Cycle: 1:2.77013
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.414$ S/m; $\epsilon_r = 39.708$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

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 Sn1686; Calibrated: 2023-05-23
- 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 3Tx Body Bottom 661ch/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.392 W/kg

GSM1900 3Tx Body Bottom 661ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.48 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.692 W/kg
SAR(1 g) = 0.400 W/kg; SAR(10 g) = 0.208 W/kg
Maximum value of SAR (measured) = 0.594 W/kg



Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 21.9 °C
Liquid Temperature: 21.8 °C
Test Date: 02/29/2024
Plot No.: C3

DUT: SM-F741U; Type: Bar

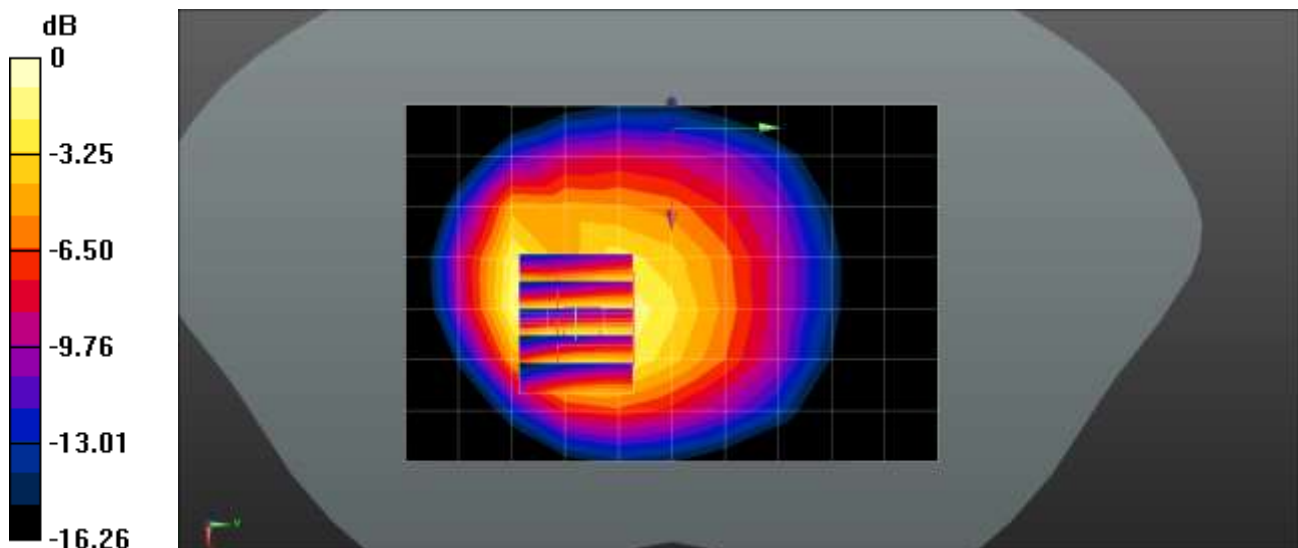
Communication System: UID 0, WCDMA850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.917$ S/m; $\epsilon_r = 41.553$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

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 (8x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.470 W/kg

UMTS Band 5 Body Rear 4183ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.38 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.692 W/kg
SAR(1 g) = 0.412 W/kg; SAR(10 g) = 0.248 W/kg
Maximum value of SAR (measured) = 0.586 W/kg



0 dB = 0.586 W/kg = -2.32 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Ambient Temperature: 20.5 °C
 Liquid Temperature: 20.4 °C
 Test Date: 03/04/2024
 Plot No.: C4

DUT: SM-F741U; Type: Bar

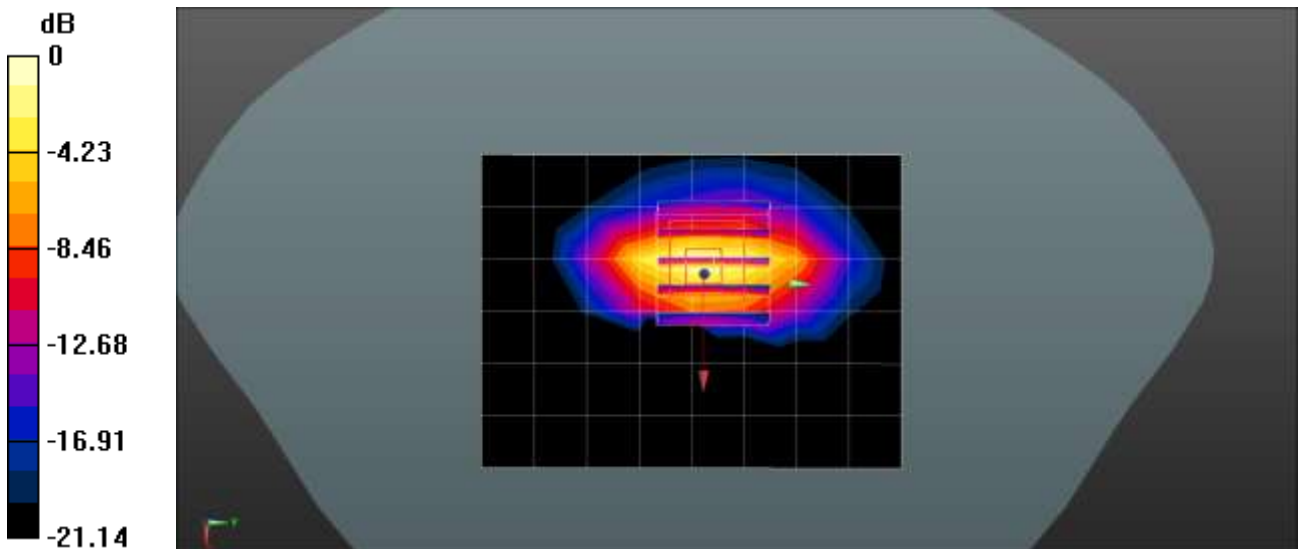
Communication System: UID 0, WCDMA IV (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1752.6$ MHz; $\sigma = 1.361$ S/m; $\epsilon_r = 41.518$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7681; ConvF(8.29, 8.71, 8.9) @ 1752.6 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 4 Body Bottom 1513ch/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 1.32 W/kg

UMTS Band 4 Body Bottom 1513ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 13.26 V/m; Power Drift = 0.07 dB
 Peak SAR (extrapolated) = 1.78 W/kg
SAR(1 g) = 0.912 W/kg; SAR(10 g) = 0.429 W/kg
 Maximum value of SAR (measured) = 1.47 W/kg



0 dB = 1.47 W/kg = 1.67 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 21.3 °C
Liquid Temperature: 21.2 °C
Test Date: 03/05/2024
Plot No.: C5

DUT: SM-F741U; Type: Bar

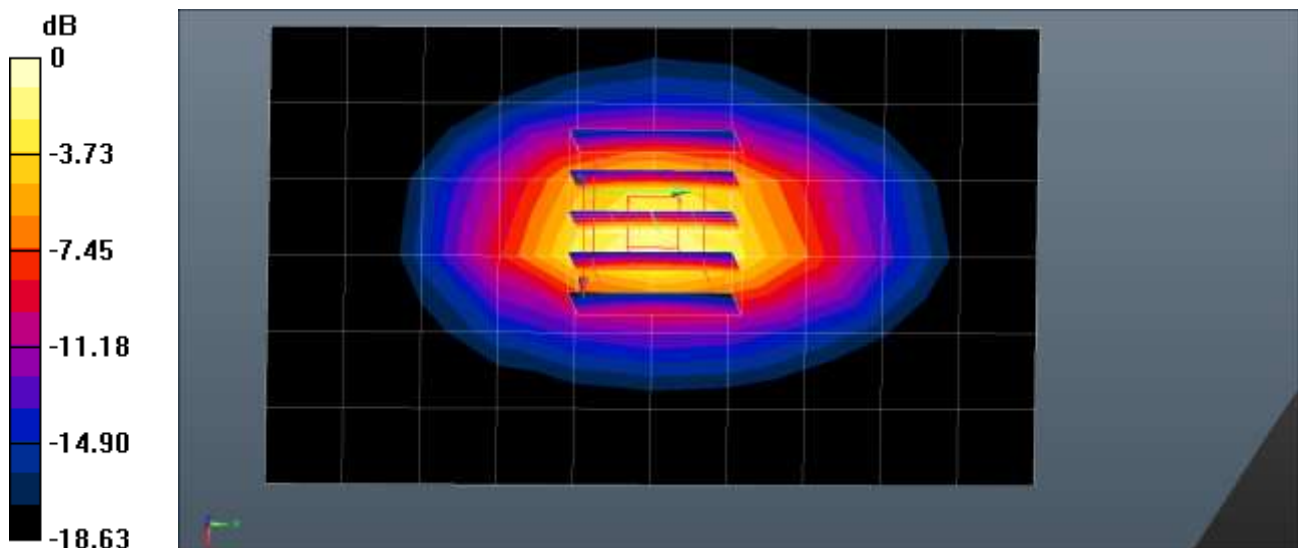
Communication System: UID 0, WCDMA1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.384$ S/m; $\epsilon_r = 38.986$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

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 (7x11x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.552 W/kg

UMTS Band 2 Body Bottom 9400ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 21.02 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.793 W/kg
SAR(1 g) = 0.456 W/kg; SAR(10 g) = 0.234 W/kg
Maximum value of SAR (measured) = 0.682 W/kg



0 dB = 0.682 W/kg = -1.66 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Ambient Temperature: 21.9 °C
 Liquid Temperature: 21.6 °C
 Test Date: 04/07/2024
 Plot No.: C6

DUT: SM-F741U; Type: Bar

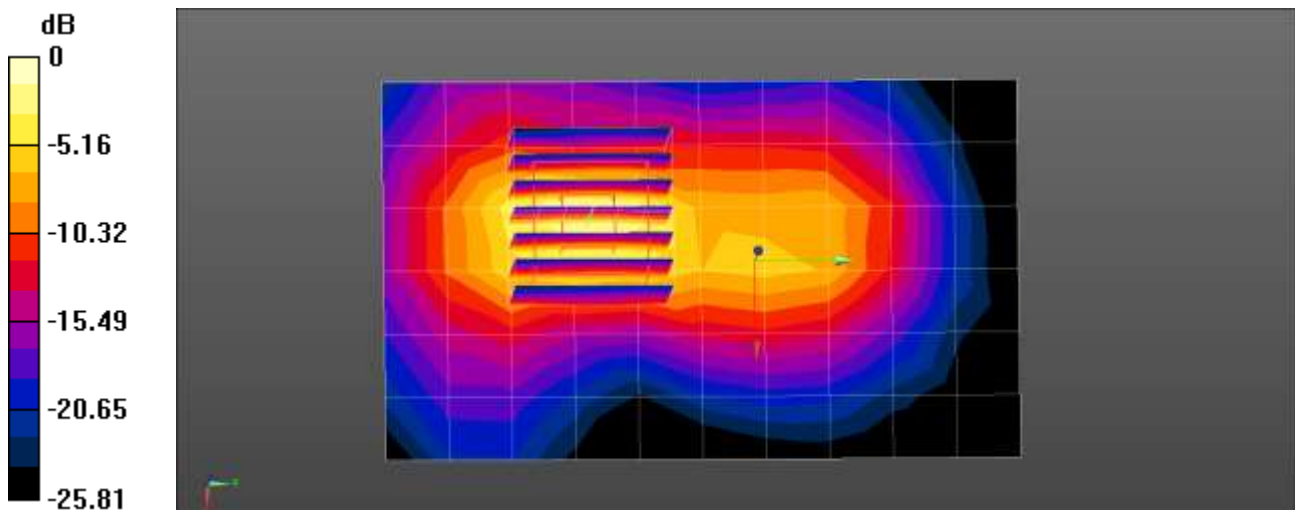
Communication System: UID 0, LTE Band 7 (0); Frequency: 2535 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2535 \text{ MHz}$; $\sigma = 1.925 \text{ S/m}$; $\epsilon_r = 38.882$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(7.92, 7.86, 8.5) @ 2535 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)

LTE Band 7 Body Right QPSK 20MHz 50RB 49offset 21100ch/Area Scan (7x11x1): Measurement grid:
 $dx=12\text{mm}$, $dy=12\text{mm}$
 Maximum value of SAR (measured) = 1.09 W/kg

LTE Band 7 Body Right QPSK 20MHz 50RB 49offset 21100ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid:
 $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
 Reference Value = 13.41 V/m; Power Drift = 0.16 dB
 Peak SAR (extrapolated) = 1.86 W/kg
SAR(1 g) = 0.823 W/kg; SAR(10 g) = 0.327 W/kg
 Maximum value of SAR (measured) = 1.52 W/kg



0 dB = 1.52 W/kg = 1.82 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 24.1 °C
Liquid Temperature: 24.0 °C
Test Date: 04/18/2024
Plot No.: C7

DUT: SM-F741U; Type: Bar

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; $\epsilon_r = 43.86$; $\rho = 1000$ 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 Sn869; Calibrated: 2024-03-15
- 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 25RB 0offset 23095ch/Area Scan (9x10x1): Measurement grid:
 $dx=15$ mm, $dy=15$ mm

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

LTE Band 12 Body Rear QPSK 10MHz 25RB 0offset 23095ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

$dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 19.73 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.09 W/kg

SAR(1 g) = 0.524 W/kg; SAR(10 g) = 0.313 W/kg

Maximum value of SAR (measured) = 0.783 W/kg

LTE Band 12 Body Rear QPSK 10MHz 25RB 0offset 23095ch/Zoom Scan (5x5x7)/Cube 1: Measurement grid:

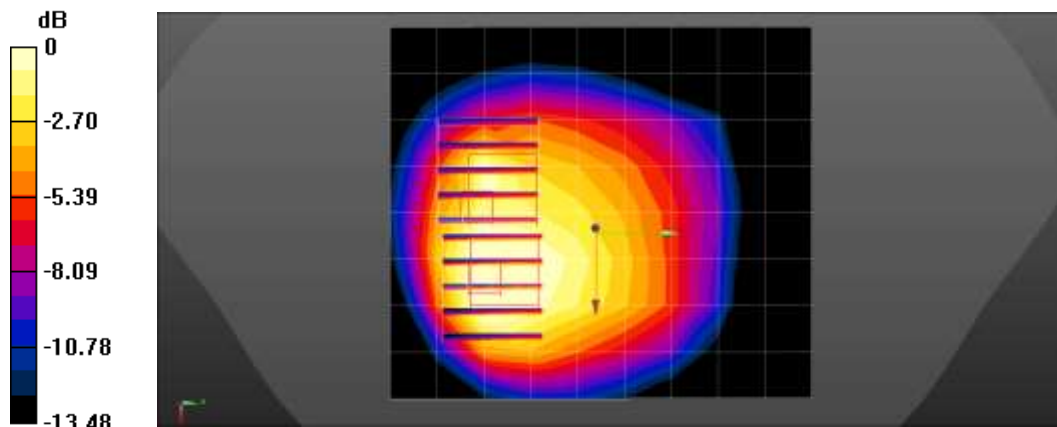
$dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 19.73 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.677 W/kg

SAR(1 g) = 0.324 W/kg; SAR(10 g) = 0.216 W/kg

Maximum value of SAR (measured) = 0.533 W/kg



0 dB = 0.533 W/kg = -2.73 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 22.0 °C
Liquid Temperature: 21.8 °C
Test Date: 04/19/2024
Plot No.: C8

DUT: SM-F741U; Type: Bar

Communication System: UID 0, LTE13 (0); Frequency: 782 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 782 \text{ MHz}$; $\sigma = 0.922 \text{ S/m}$; $\epsilon_r = 42.271$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(9.65, 10.07, 8.84) @ 782 MHz; Calibrated: 2024-01-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn869; Calibrated: 2024-03-15
- 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 13 Body Rear QPSK 10MHz 25RB 12offset 23230ch/Area Scan (9x10x1): Measurement grid:
 $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.822 W/kg

LTE Band 13 Body Rear QPSK 10MHz 25RB 12offset 23230ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

$dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 22.45 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.631 W/kg; SAR(10 g) = 0.384 W/kg

Maximum value of SAR (measured) = 0.944 W/kg

LTE Band 13 Body Rear QPSK 10MHz 25RB 12offset 23230ch/Zoom Scan (5x5x7)/Cube 1: Measurement grid:

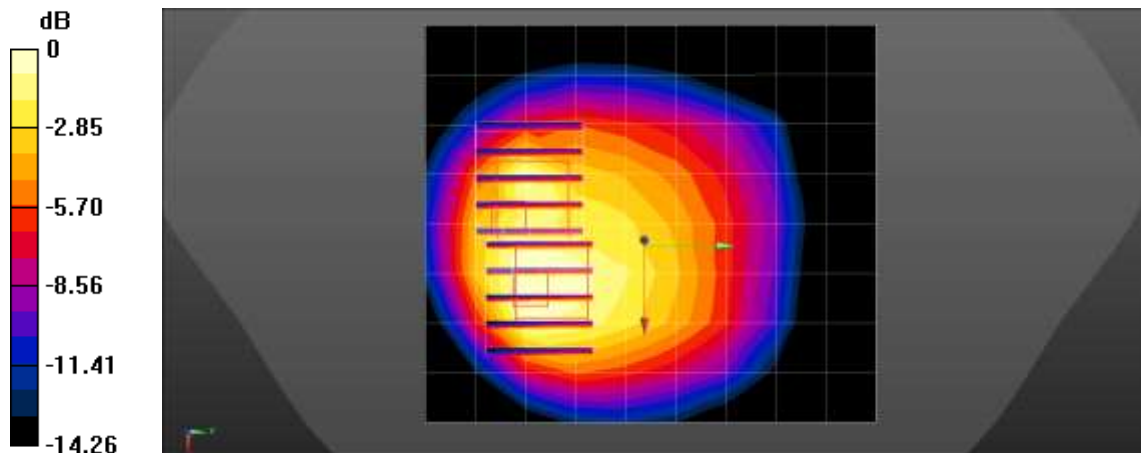
$dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 22.45 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.975 W/kg

SAR(1 g) = 0.469 W/kg; SAR(10 g) = 0.290 W/kg

Maximum value of SAR (measured) = 0.798 W/kg



0 dB = 0.798 W/kg = -0.98 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 19.8 °C
Liquid Temperature: 19.7 °C
Test Date: 03/17/2024
Plot No.: C9

DUT: SM-F741U; Type: Bar

Communication System: UID 0, LTE 14 (0); Frequency: 793 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 793$ MHz; $\sigma = 0.896$ S/m; $\epsilon_r = 42.118$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(9.65, 10.07, 8.84) @ 793 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 14 Body Rear QPSK 10MHz 1RB 0offset 23330ch/Area Scan (9x9x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.995 W/kg

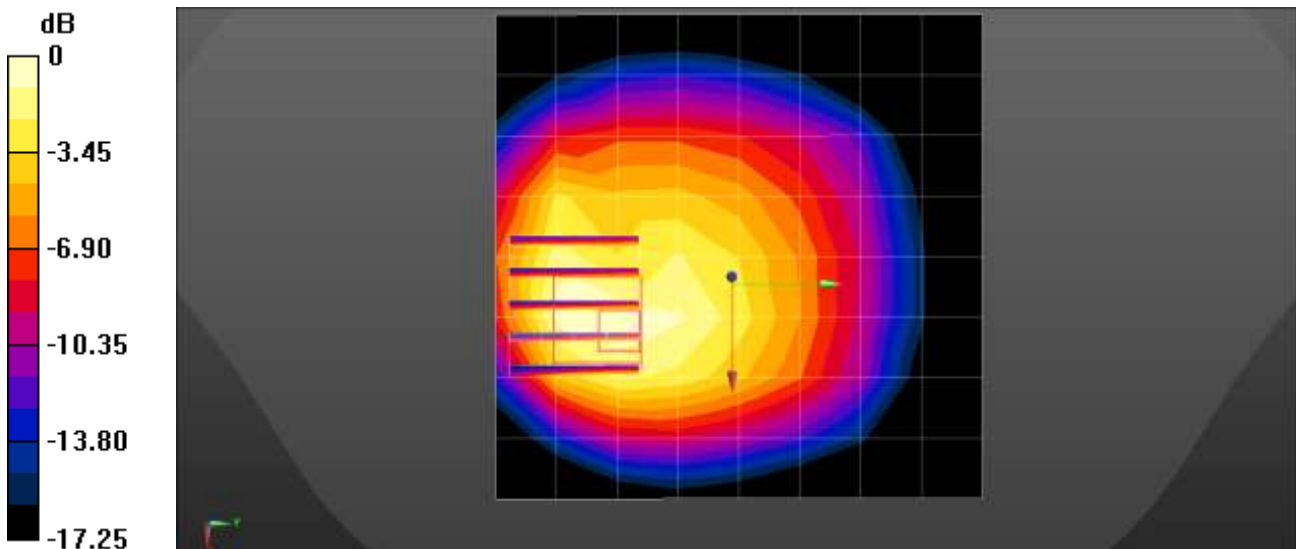
LTE Band 14 Body Rear QPSK 10MHz 1RB 0offset 23330ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.61 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.727 W/kg; SAR(10 g) = 0.407 W/kg

Maximum value of SAR (measured) = 1.03 W/kg



0 dB = 1.03 W/kg = 0.13 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Ambient Temperature: 21.0 °C
 Liquid Temperature: 21.0 °C
 Test Date: 03/28/2024
 Plot No.: C10

DUT: SM-F741U; Type: Bar

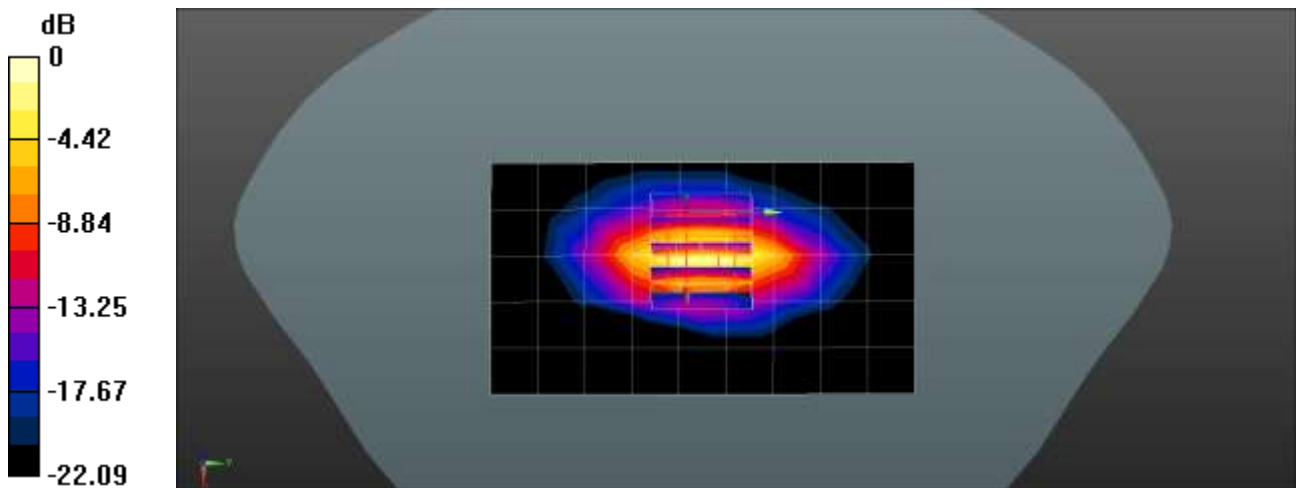
Communication System: UID 0, LTE Band 25 (0); Frequency: 1882.5 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1882.5$ MHz; $\sigma = 1.369$ S/m; $\epsilon_r = 38.924$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7680; ConvF(8.47, 8.47, 8.47) @ 1882.5 MHz; Calibrated: 2023-05-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1225; Calibrated: 2024-02-15
- 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)

LTE Band 25 Body Bottom QPSK 20MHz 50RB 25offset 26365ch/Area Scan (6x10x1): Measurement grid:
 dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.798 W/kg

LTE Band 25 Body Bottom QPSK 20MHz 50RB 25offset 26365ch/Zoom Scan (5x5x7)/Cube 0: Measurement
 grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 23.72 V/m; Power Drift = 0.10 dB
 Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.608 W/kg; SAR(10 g) = 0.275 W/kg
 Maximum value of SAR (measured) = 0.995 W/kg



0 dB = 0.995 W/kg = -0.02 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Ambient Temperature: 19.8 °C
 Liquid Temperature: 19.8 °C
 Test Date: 03/20/2024
 Plot No.: C11

DUT: SM-F741U; Type: Bar

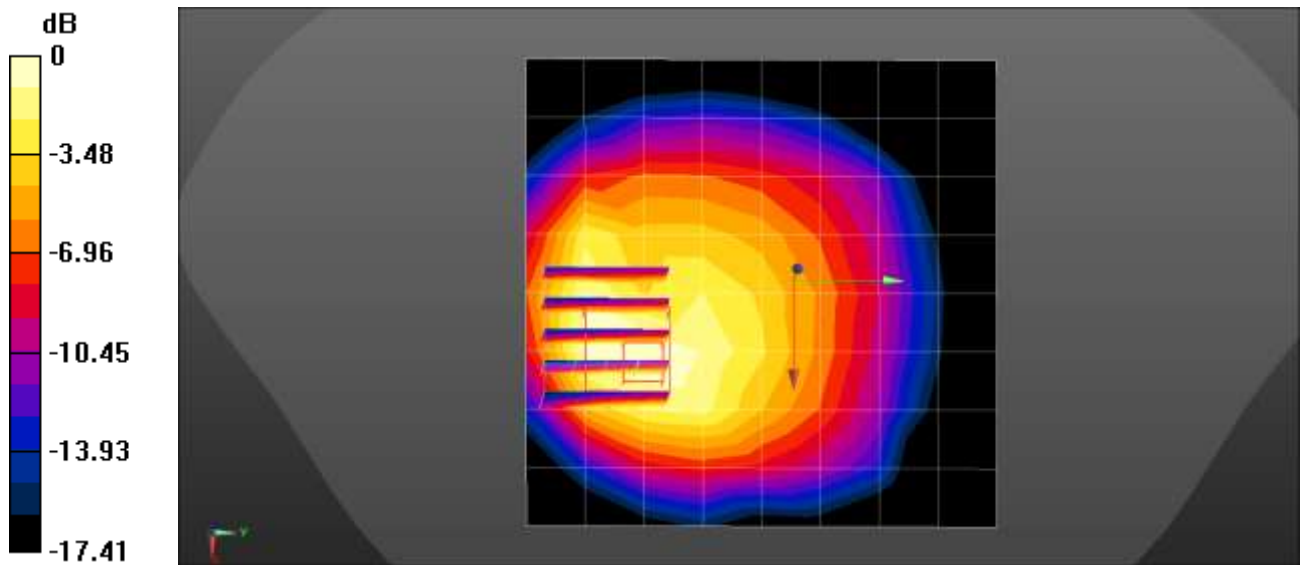
Communication System: UID 0, LTE 26 (0); Frequency: 831.5 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 831.5$ MHz; $\sigma = 0.909$ S/m; $\epsilon_r = 40.831$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

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 36RB 18offset 26865ch/Area Scan (9x9x1): Measurement grid:
 $dx=15$ mm, $dy=15$ mm
 Maximum value of SAR (measured) = 0.814 W/kg

LTE Band 26 Body Rear QPSK 15MHz 36RB 18offset 26865ch/Zoom Scan (5x5x7)/Cube 0: Measurement
 grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
 Reference Value = 21.15 V/m; Power Drift = -0.00 dB
 Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.566 W/kg; SAR(10 g) = 0.314 W/kg
 Maximum value of SAR (measured) = 0.810 W/kg



0 dB = 0.810 W/kg = -0.92 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Ambient Temperature: 22.2 °C
 Liquid Temperature: 22.1 °C
 Test Date: 04/09/2024
 Plot No.: C12

DUT: SM-F741U; Type: Bar

Communication System: UID 0, LTE Band 30 (0); Frequency: 2310 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.726$ S/m; $\epsilon_r = 39.266$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(8.09, 8.02, 8.69) @ 2310 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)

LTE Band 30 Body Right QPSK 10MHz 25RB 24offset 27710ch/Area Scan (7x11x1): Measurement grid:

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

Maximum value of SAR (measured) = 1.12 W/kg

LTE Band 30 Body Right QPSK 10MHz 25RB 24offset 27710ch/Zoom Scan (7x7x7)/Cube 0: Measurement

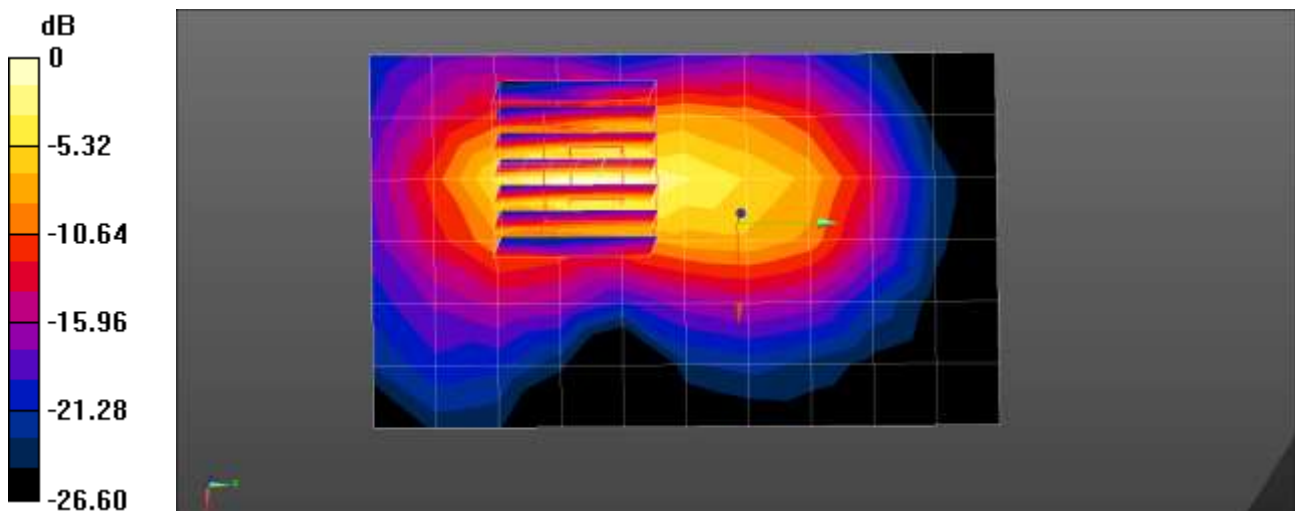
grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 12.82 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.54 W/kg

SAR(1 g) = 0.713 W/kg; SAR(10 g) = 0.290 W/kg

Maximum value of SAR (measured) = 1.28 W/kg



0 dB = 1.28 W/kg = 1.07 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Ambient Temperature: 19.9 °C
 Liquid Temperature: 19.8 °C
 Test Date: 02/29/2024
 Plot No.: C13

DUT: SM-F741U; Type: Bar

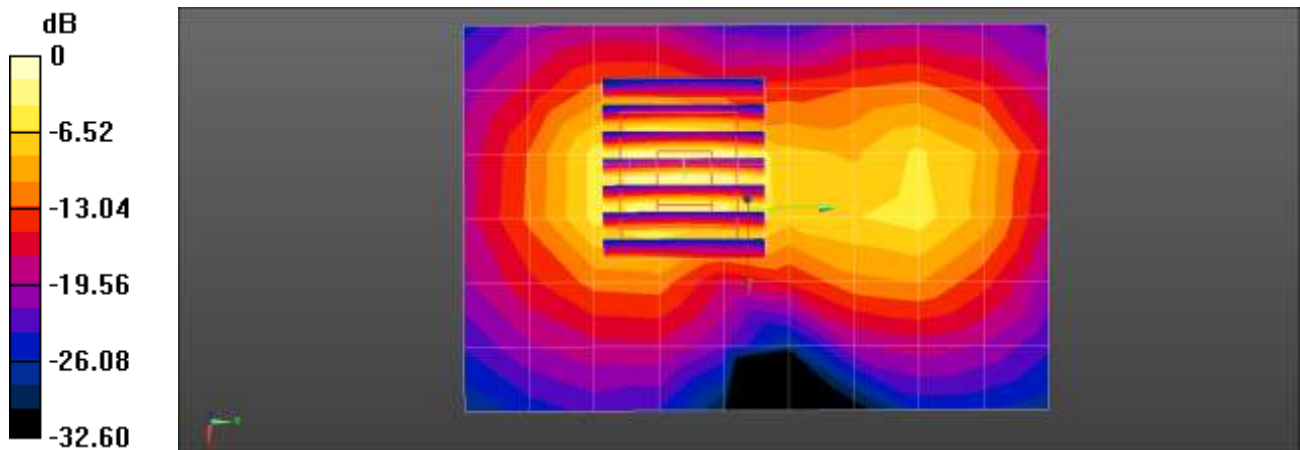
Communication System: UID 0, LTE Band41 (0); Frequency: 2680 MHz; Duty Cycle: 1:2.31047
 Medium parameters used: $f = 2680$ MHz; $\sigma = 2.106$ S/m; $\epsilon_r = 38.472$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7622; ConvF(7.89, 7.52, 7.77) @ 2680 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 Right QPSK 20MHz 50RB 0offset 41490ch/Area Scan (7x10x1): Measurement grid:
 dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.871 W/kg

LTE Band 41 Body Right QPSK 20MHz 50RB 0offset 41490ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid:
 dx=5mm, dy=5mm, dz=5mm
 Reference Value = 13.93 V/m; Power Drift = 0.10 dB
 Peak SAR (extrapolated) = 1.91 W/kg
SAR(1 g) = 0.739 W/kg; SAR(10 g) = 0.277 W/kg
 Maximum value of SAR (measured) = 1.44 W/kg



0 dB = 1.44 W/kg = 1.58 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 19.4 °C
Liquid Temperature: 19.3 °C
Test Date: 03/13/2024
Plot No.: C14

DUT: SM-F741U; Type: Bar

Communication System: UID 0, LTE 48 (0); Frequency: 3560 MHz; Duty Cycle: 1:1.58016
Medium parameters used: $f = 3560$ MHz; $\sigma = 2.966$ S/m; $\epsilon_r = 37.858$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

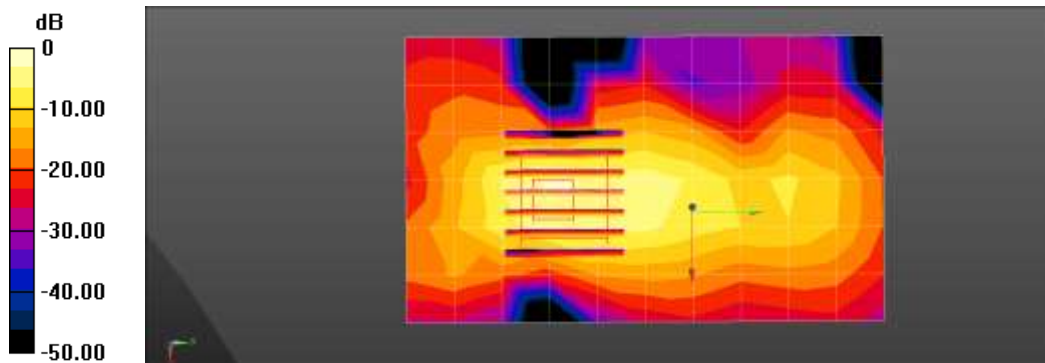
DASY5 Configuration:

- Probe: EX3DV4 - SN7622; ConvF(7.12, 6.89, 7.07) @ 3560 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)

LTE Band 48 Body Left QPSK 20MHz 50RB 49offset 55340ch/Area Scan (7x11x1): Measurement grid:
dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.706 W/kg

LTE Band 48 Body Left QPSK 20MHz 50RB 49offset 55340ch/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm
Reference Value = 10.59 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 1.90 W/kg
SAR(1 g) = 0.575 W/kg; SAR(10 g) = 0.181 W/kg

Maximum value of SAR (measured) = 1.28 W/kg



0 dB = 1.28 W/kg = 1.07 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 22.4 °C
Liquid Temperature: 22.2 °C
Test Date: 04/24/2024
Plot No.: C15

DUT: SM-F741U; Type: Bar

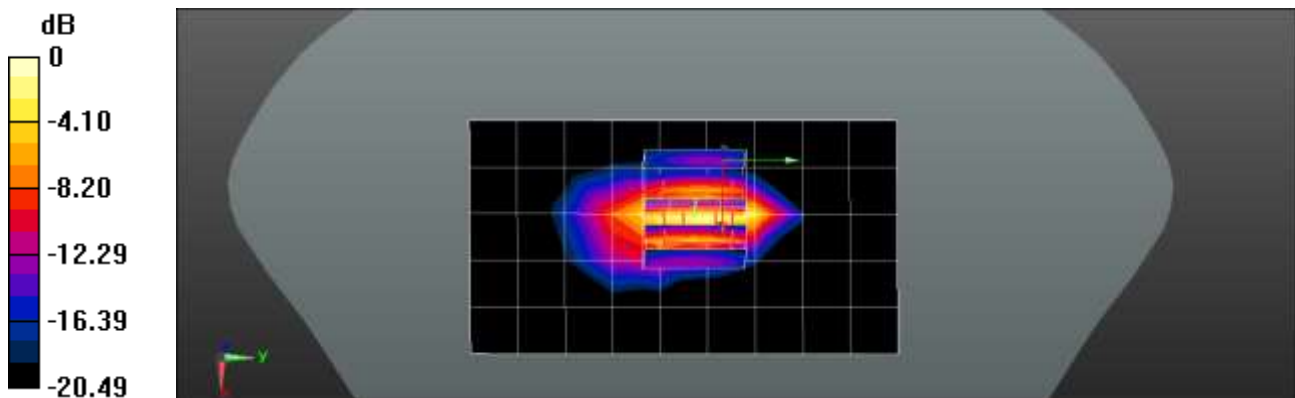
Communication System: UID 0, LTE 66 (0); Frequency: 1770 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1770$ MHz; $\sigma = 1.373$ S/m; $\epsilon_r = 41.335$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7680; ConvF(9.1, 9.1, 9.1) @ 1770 MHz; Calibrated: 2023-05-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1225; Calibrated: 2024-02-15
- 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)

LTE Band 66 Body Right QPSK 20MHz 1RB 0offset 132572ch/Area Scan (6x10x1): Measurement grid:
dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.951 W/kg

LTE Band 66 Body Right QPSK 20MHz 1RB 0offset 132572ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid:
dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.10 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.42 W/kg
SAR(1 g) = 0.654 W/kg; SAR(10 g) = 0.287 W/kg
Maximum value of SAR (measured) = 1.06 W/kg



0 dB = 1.06 W/kg = 0.25 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.: C16

DUT: SM-F741U; Type: Bar

Communication System: UID 0, LTE 71 (0); Frequency: 680.5 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 680.5$ MHz; $\sigma = 0.876$ S/m; $\epsilon_r = 42.363$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(9.65, 10.07, 8.84) @ 680.5 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 71 Body Rear QPSK 20MHz 1RB 99offset 133297ch/Area Scan (9x9x1): Measurement grid:

dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.829 W/kg

LTE Band 71 Body Rear QPSK 20MHz 1RB 99offset 133297ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid:

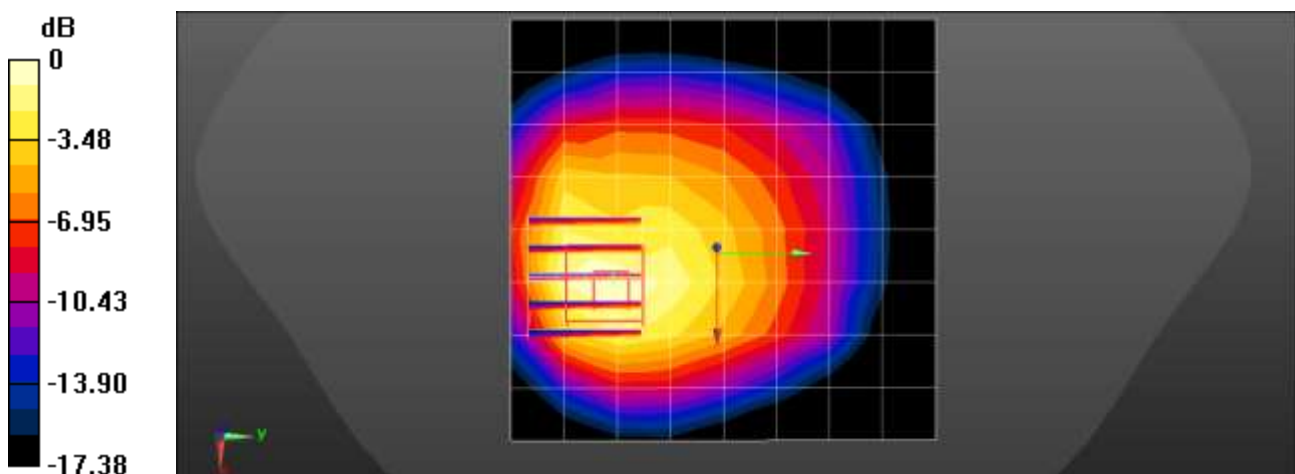
dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.53 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.580 W/kg; SAR(10 g) = 0.331 W/kg

Maximum value of SAR (measured) = 0.833 W/kg



0 dB = 0.833 W/kg = -0.79 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 19.8 °C
Liquid Temperature: 19.6 °C
Test Date: 04/07/2024
Plot No.: C17

DUT: SM-F741U; Type: Bar

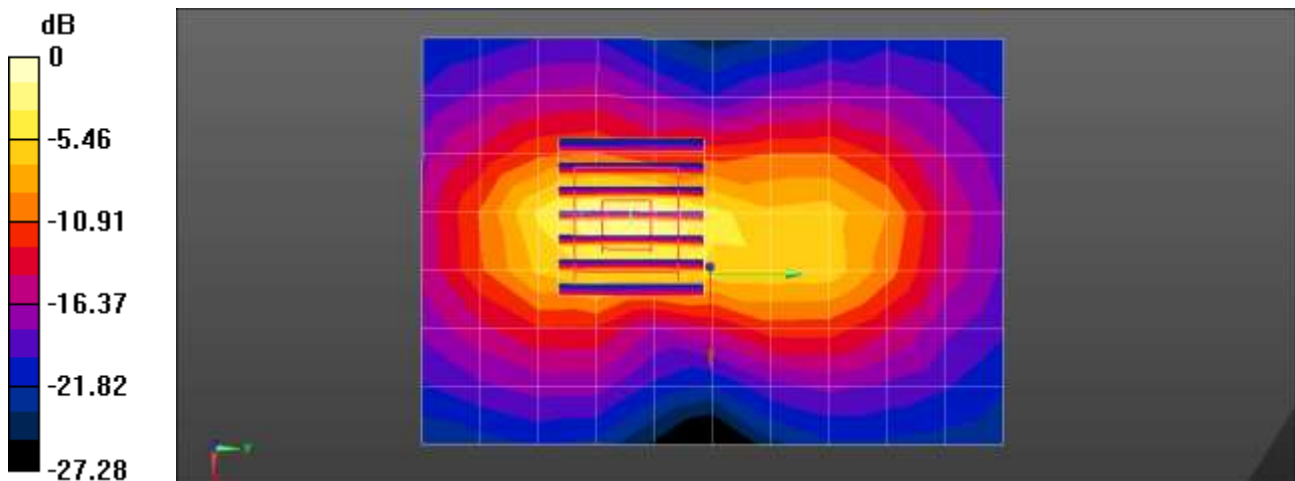
Communication System: UID 0, NR Band n7 (0); Frequency: 2535 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 2535$ MHz; $\sigma = 1.919$ S/m; $\epsilon_r = 39.31$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(7.57, 7.57, 7.57) @ 2535 MHz; Calibrated: 2023-08-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2023-07-04
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR Band n7 Body Right DFT-s QPSK 40MHz 1RB 1offset 507000ch/Area Scan (8x11x1): Measurement grid:
dx=12mm, dy=12mm
Maximum value of SAR (measured) = 1.16 W/kg

NR Band n7 Body Right DFT-s QPSK 40MHz 1RB 1offset 507000ch/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 17.98 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 2.12 W/kg
SAR(1 g) = 0.815 W/kg; SAR(10 g) = 0.314 W/kg
Maximum value of SAR (measured) = 1.58 W/kg



0 dB = 1.58 W/kg = 1.99 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 23.4 °C
Liquid Temperature: 23.1 °C
Test Date: 04/18/2024
Plot No.: C18

DUT: SM-F741U; Type: Bar

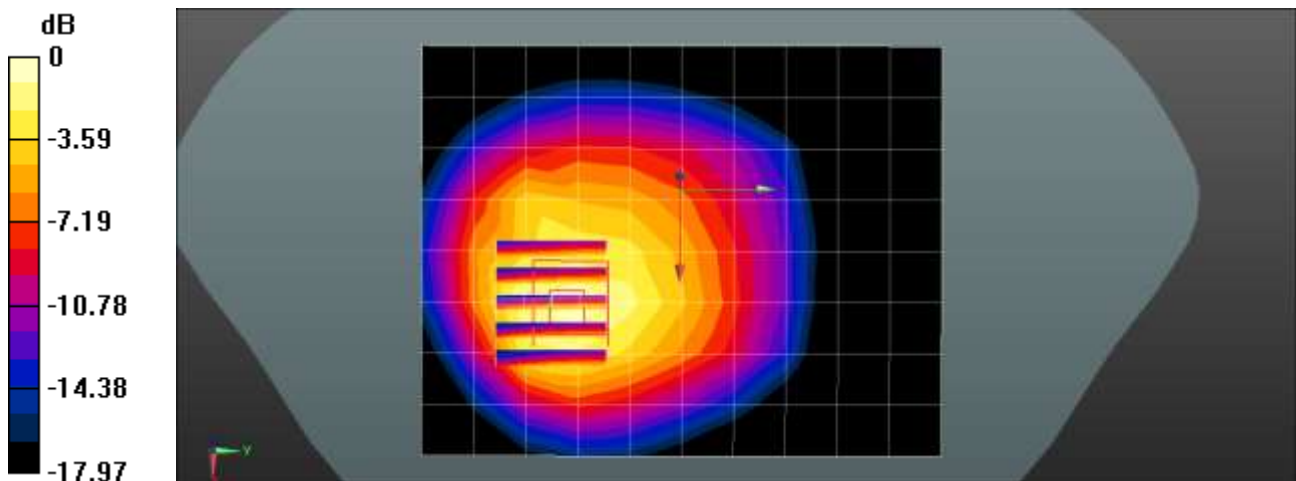
Communication System: UID 0, NR Band 12 (0); Frequency: 707.5 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 707.5 \text{ MHz}$; $\sigma = 0.869 \text{ S/m}$; $\epsilon_r = 43.463$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(10.38, 10.38, 10.38) @ 707.5 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 n12 Body Rear DFT-s QPSK 15MHz 36RB 22offset 141500ch/Area Scan (9x11x1): Measurement grid:
 $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.823 W/kg

NR Band n12 Body Rear DFT-s QPSK 15MHz 36RB 22offset 141500ch/Zoom Scan (5x5x7)/Cube 0:
 Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 18.54 V/m; Power Drift = -0.18 dB
 Peak SAR (extrapolated) = 1.08 W/kg
SAR(1 g) = 0.559 W/kg; SAR(10 g) = 0.325 W/kg
 Maximum value of SAR (measured) = 0.867 W/kg



0 dB = 0.867 W/kg = -0.62 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Ambient Temperature: 21.6 °C
 Liquid Temperature: 21.3 °C
 Test Date: 04/14/2024
 Plot No.: C19

DUT: SM-F741U; Type: Bar

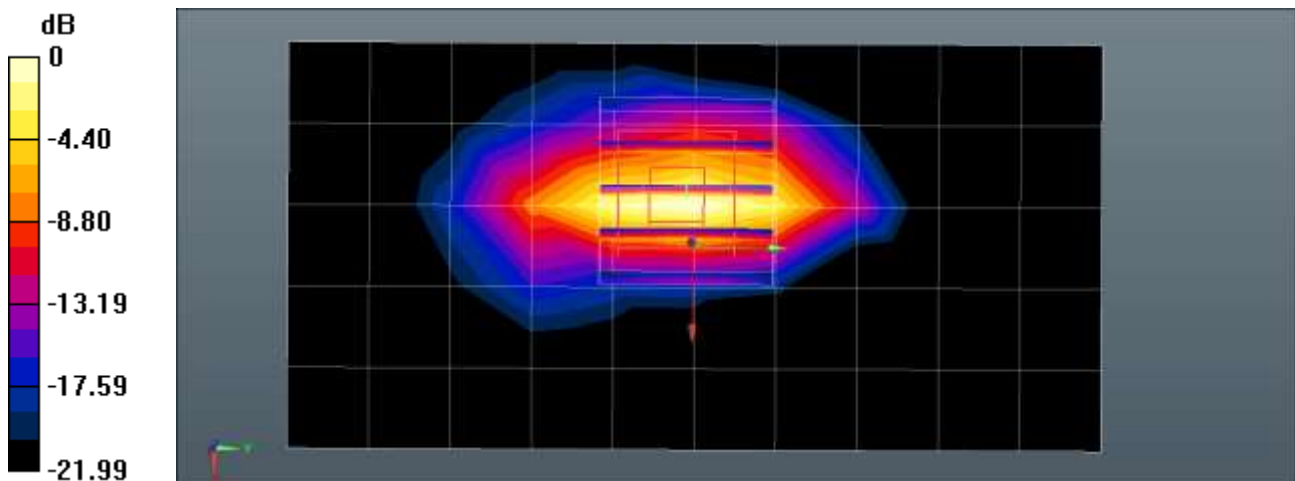
Communication System: UID 0, NR n25 (0); Frequency: 1882.5 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1882.5$ MHz; $\sigma = 1.409$ S/m; $\epsilon_r = 40.948$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(8.29, 8.29, 8.29) @ 1882.5 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(Right); Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR Band n25 Body Right DFT-s QPSK 40MHz 1RB 1offset 376500ch/Area Scan (6x11x1): Measurement grid:
 dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 1.57 W/kg

NR Band n25 Body Right DFT-s QPSK 40MHz 1RB 1offset 376500ch/Zoom Scan (5x5x7)/Cube 0:
 Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 17.28 V/m; Power Drift = 0.02 dB
 Peak SAR (extrapolated) = 1.99 W/kg
SAR(1 g) = 0.897 W/kg; SAR(10 g) = 0.385 W/kg
 Maximum value of SAR (measured) = 1.61 W/kg



0 dB = 1.61 W/kg = 2.07 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Ambient Temperature: 20.4 °C
 Liquid Temperature: 20.3 °C
 Test Date: 03/26/2024
 Plot No.: C20

DUT: SM-F741U; Type: Bar

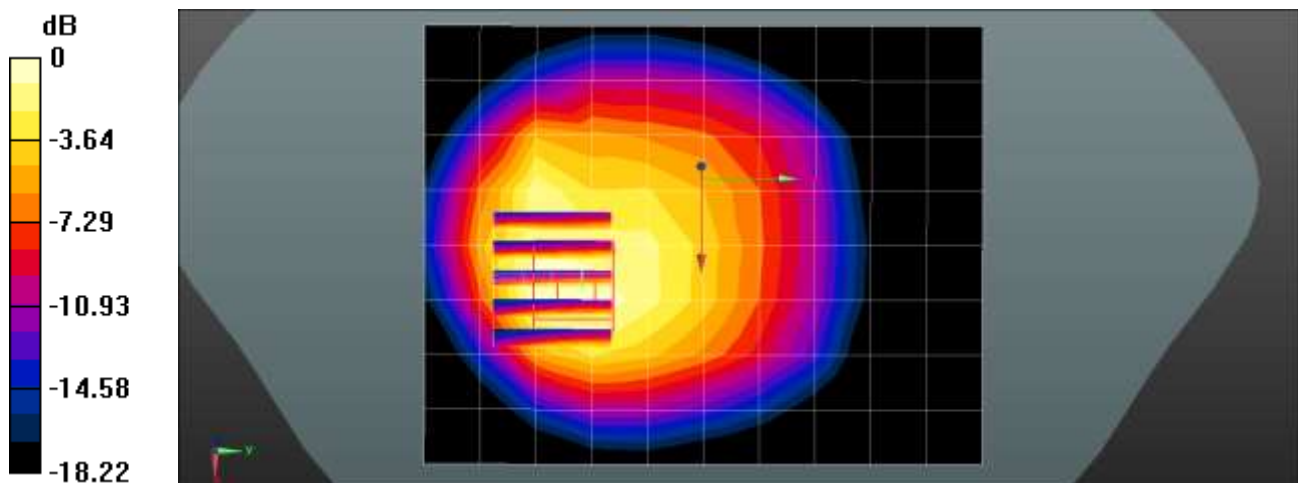
Communication System: UID 0, NR Band 26 (0); Frequency: 831.5 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 831.5$ MHz; $\sigma = 0.919$ S/m; $\epsilon_r = 40.753$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(10.01, 10.01, 10.01) @ 831.5 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 n26 Body Rear CP QPSK 20MHz 1RB 1offset 166300ch/Area Scan (9x11x1): Measurement grid:
 $dx=15$ mm, $dy=15$ mm
 Maximum value of SAR (measured) = 0.788 W/kg

NR Band n26 Body Rear CP QPSK 20MHz 1RB 1offset 166300ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid:
 $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
 Reference Value = 19.55 V/m; Power Drift = -0.02 dB
 Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.543 W/kg; SAR(10 g) = 0.307 W/kg
 Maximum value of SAR (measured) = 0.824 W/kg



0 dB = 0.824 W/kg = -0.84 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 19.3 °C
Liquid Temperature: 19.2 °C
Test Date: 04/11/2024
Plot No.: C21

DUT: SM-F741U; Type: Bar

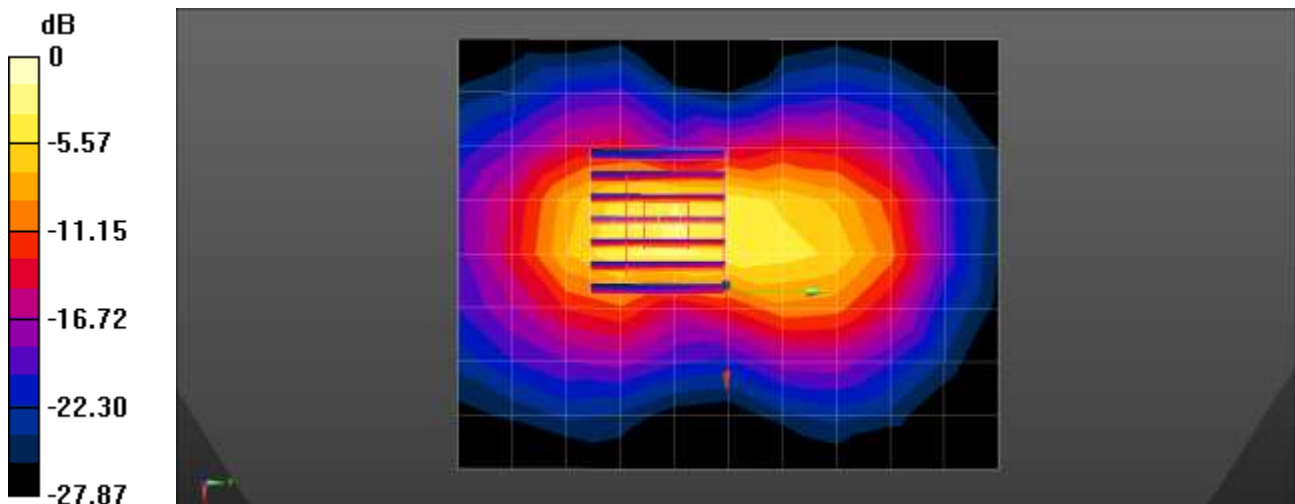
Communication System: UID 0, NR n30 (0); Frequency: 2310 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.727$ S/m; $\epsilon_r = 39.261$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(8.37, 8.37, 8.37) @ 2310 MHz; Calibrated: 2023-08-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2023-07-04
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR Band n30 Body Right DFT-s QPSK 10MHz 50RB 0offset 462000ch/Area Scan (9x11x1): Measurement grid:
 dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.768 W/kg

NR Band n30 Body Right DFT-s QPSK 10MHz 50RB 0offset 462000ch/Zoom Scan (7x7x7)/Cube 0:
 Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 19.68 V/m; Power Drift = 0.13 dB
 Peak SAR (extrapolated) = 2.18 W/kg
SAR(1 g) = 0.824 W/kg; SAR(10 g) = 0.311 W/kg
 Maximum value of SAR (measured) = 1.65 W/kg



0 dB = 1.65 W/kg = 2.17 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 22.9 °C
Liquid Temperature: 22.9 °C
Test Date: 03/15/2024
Plot No.: C22

DUT: SM-F741U; Type: Bar

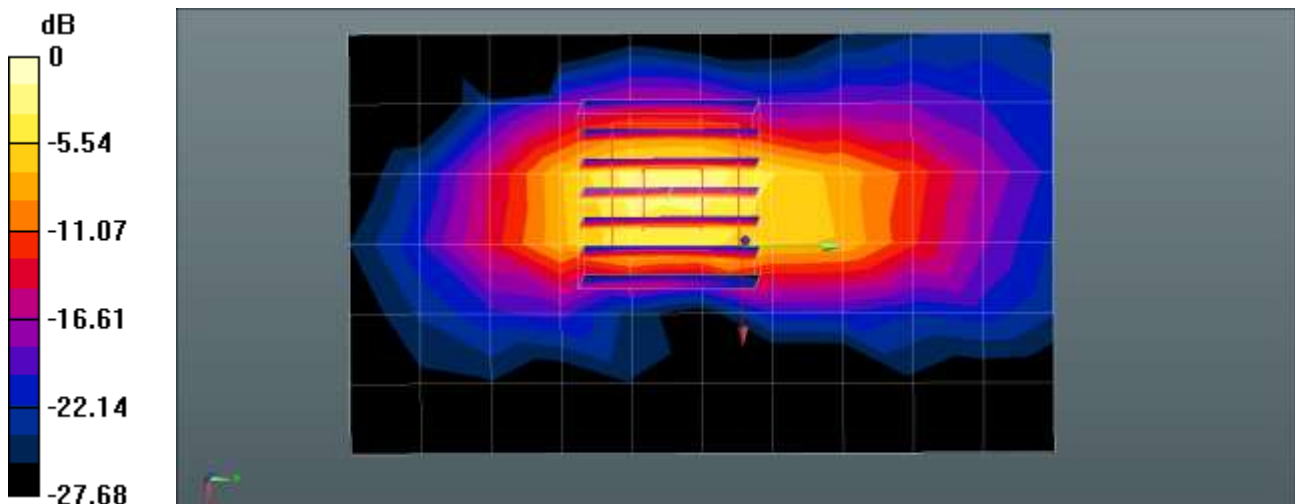
Communication System: UID 0, NR n38 [FCC] (0); Frequency: 2595 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 2595$ MHz; $\sigma = 2$ S/m; $\epsilon_r = 39.153$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(7.87, 7.41, 7.6) @ 2595 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)

NR Band n38 Body Bottom CP QPSK 40MHz 1RB 1offset 519000ch/Area Scan (7x11x1): Measurement grid:
dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.691 W/kg

NR Band n38 Body Bottom CP QPSK 40MHz 1RB 1offset 519000ch/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.77 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.56 W/kg
SAR(1 g) = 0.642 W/kg; SAR(10 g) = 0.247 W/kg
Maximum value of SAR (measured) = 1.20 W/kg



0 dB = 1.20 W/kg = 0.79 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Ambient Temperature: 24.6 °C
 Liquid Temperature: 24.6 °C
 Test Date: 04/23/2024
 Plot No.: C23

DUT: SM-F741U; Type: Bar

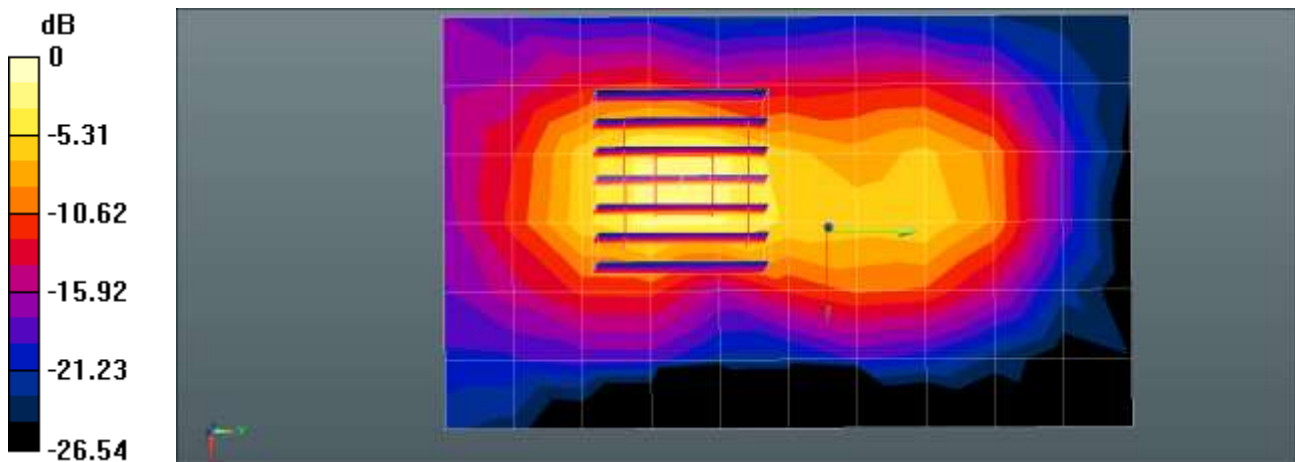
Communication System: UID 0, NR n41 (0); Frequency: 2592.99 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2592.99$ MHz; $\sigma = 1.997$ S/m; $\epsilon_r = 39.155$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

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: SAM_Right_20170913; Type: QD000P40CC; Serial: 1070
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

NR Band n41 Body Right CP QPSK 100MHz 1RB 1offset 518598ch/Area Scan (7x11x1): Measurement grid:
 dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.862 W/kg

NR Band n41 Body Right CP QPSK 100MHz 1RB 1offset 518598ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 15.53 V/m; Power Drift = 0.10 dB
 Peak SAR (extrapolated) = 2.00 W/kg
SAR(1 g) = 0.859 W/kg; SAR(10 g) = 0.341 W/kg
 Maximum value of SAR (measured) = 1.59 W/kg



0 dB = 1.59 W/kg = 2.01 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Ambient Temperature: 19.2 °C
 Liquid Temperature: 19.2 °C
 Test Date: 03/19/2024
 Plot No.: C24

DUT: SM-F741U; Type: Bar

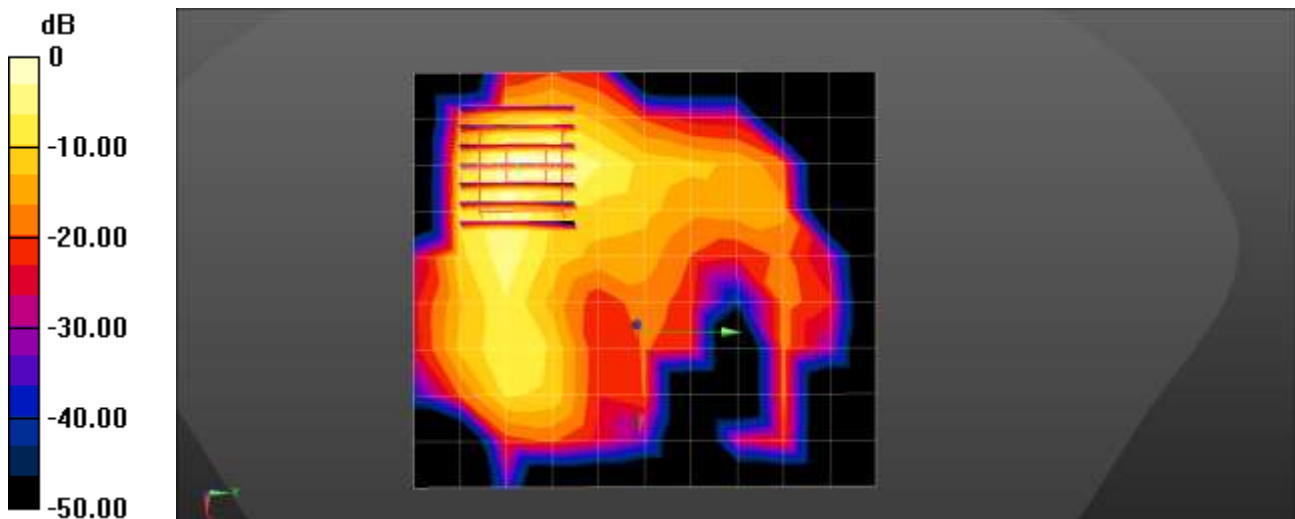
Communication System: UID 0, NR n48 (0); Frequency: 3624.99 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 3624.99$ MHz; $\sigma = 3.024$ S/m; $\epsilon_r = 37.812$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7622; ConvF(7.03, 6.78, 7) @ 3624.99 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 n48 Body Front DFT-s QPSK 40MHz 1RB 53offset 641666ch/Area Scan (10x11x1): Measurement
 grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.934 W/kg

NR Band n48 Body Front DFT-s QPSK 40MHz 1RB 53offset 641666ch/Zoom Scan (7x7x8)/Cube 0:
 Measurement grid: dx=5mm, dy=5mm, dz=4mm
 Reference Value = 2.268 V/m; Power Drift = 0.09 dB
 Peak SAR (extrapolated) = 1.56 W/kg
SAR(1 g) = 0.524 W/kg; SAR(10 g) = 0.177 W/kg
 Maximum value of SAR (measured) = 1.07 W/kg



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

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Ambient Temperature: 20.7 °C
 Liquid Temperature: 20.5 °C
 Test Date: 04/06/2024
 Plot No.: C25

DUT: SM-F741U; Type: Bar

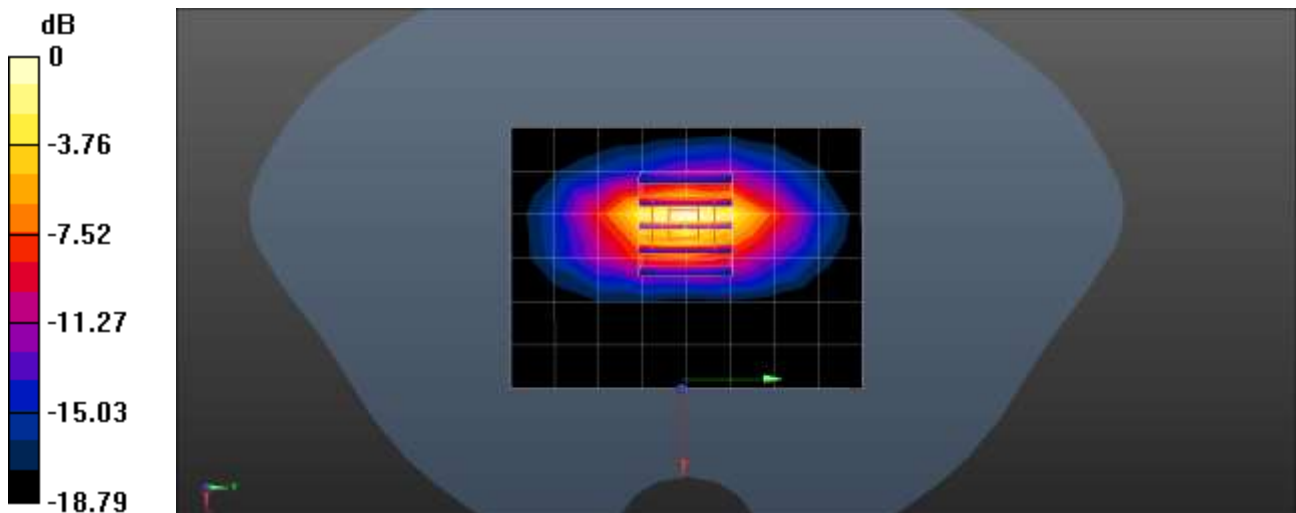
Communication System: UID 0, NR Band 66 (0); Frequency: 1745 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1745 \text{ MHz}$; $\sigma = 1.366 \text{ S/m}$; $\epsilon_r = 41.481$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7681; ConvF(8.29, 8.71, 8.9) @ 1745 MHz; Calibrated: 2023-11-27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1686; Calibrated: 2023-05-23
- 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)

NR Band n66 Body Bottom DFT-s QPSK 40MHz 108RB 54offset 349000ch/Area Scan (7x9x1): Measurement
 grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 1.15 W/kg

NR Band n66 Body Bottom DFT-s QPSK 40MHz 108RB 54offset 349000ch/Zoom Scan (5x5x7)/Cube 0:
 Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 13.58 V/m; Power Drift = 0.10 dB
 Peak SAR (extrapolated) = 1.46 W/kg
SAR(1 g) = 0.809 W/kg; SAR(10 g) = 0.393 W/kg
 Maximum value of SAR (measured) = 1.21 W/kg



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

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Ambient Temperature: 19.5 °C
 Liquid Temperature: 19.4 °C
 Test Date: 03/30/2024
 Plot No.: C26

DUT: SM-F741U; Type: Bar

Communication System: UID 0, NR Band n70 (0); Frequency: 1702.5 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1702.5$ MHz; $\sigma = 1.312$ S/m; $\epsilon_r = 41.628$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(8.49, 8.77, 7.91) @ 1702.5 MHz; Calibrated: 2024-01-22
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2023-07-04
- Phantom: SAM with CRP v5.0(Right); Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR Band n70 Body Bottom DFT-s QPSK 15MHz 36RB 22offset 340500ch/Area Scan (7x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.483 W/kg

NR Band n70 Body Bottom DFT-s QPSK 15MHz 36RB 22offset 340500ch/Zoom Scan (5x5x7)/Cube 0:

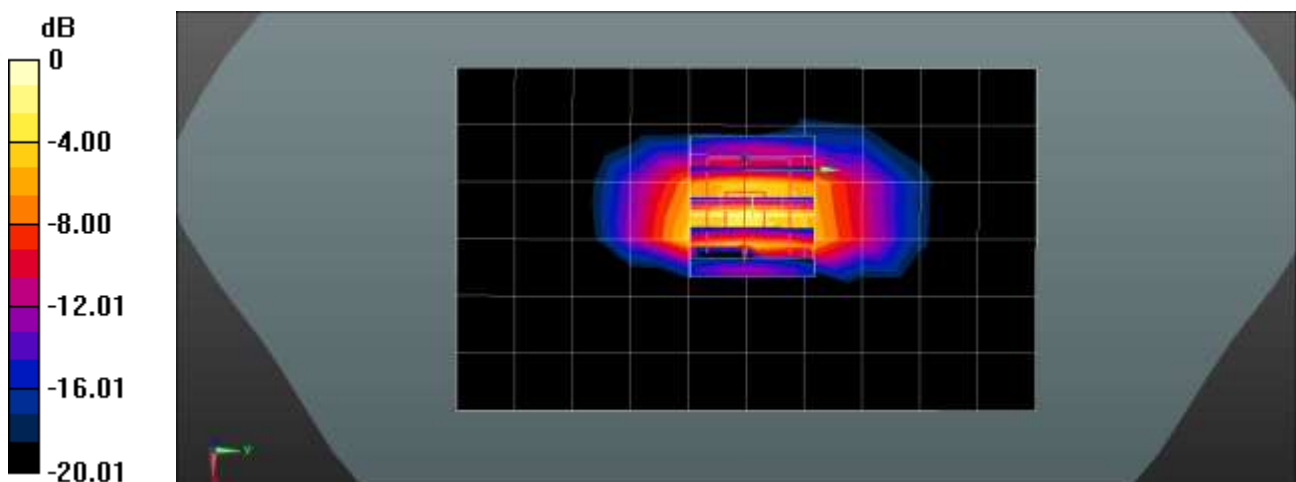
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.25 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.517 W/kg; SAR(10 g) = 0.240 W/kg

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



0 dB = 0.844 W/kg = -0.74 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 20.1 °C
Liquid Temperature: 20.0 °C
Test Date: 03/22/2024
Plot No.: C27

DUT: SM-F741U; Type: Bar

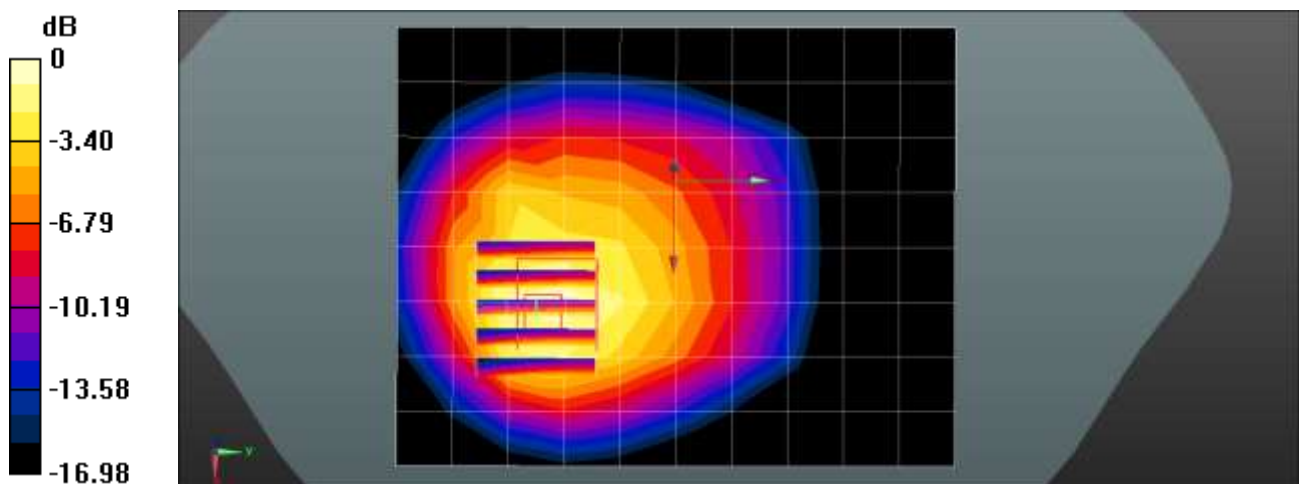
Communication System: UID 0, NR Band 71 (0); Frequency: 680.5 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 680.5 \text{ MHz}$; $\sigma = 0.875 \text{ S/m}$; $\epsilon_r = 43.059$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(10.38, 10.38, 10.38) @ 680.5 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 n71 Body Rear DFT-s QPSK 20MHz 50RB 28offset 136100ch/Area Scan (9x11x1): Measurement grid:
 $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.797 W/kg

NR Band n71 Body Rear DFT-s QPSK 20MHz 50RB 28offset 136100ch/Zoom Scan (5x5x7)/Cube 0:
 Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 18.25 V/m; Power Drift = -0.15 dB
 Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.556 W/kg; SAR(10 g) = 0.327 W/kg
 Maximum value of SAR (measured) = 0.871 W/kg



0 dB = 0.871 W/kg = -0.60 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 22.3 °C
Liquid Temperature: 22.1 °C
Test Date: 03/21/2024
Plot No.: C28

DUT: SM-F741U; Type: Bar

Communication System: UID 0, NR n77 [FCC] (0); Frequency: 3500.01 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 3500.01$ MHz; $\sigma = 2.906$ S/m; $\epsilon_r = 37.765$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(7.12, 6.66, 6.81) @ 3500.01 MHz; Calibrated: 2023-07-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1417; Calibrated: 2024-02-16
- Phantom: SAM_Front_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

NR Band n77 Body Right CW 100MHz 633334ch/Area Scan (7x12x1): Measurement grid: dx=12mm, dy=12mm.

Maximum value of SAR (measured) = 1.33 W/kg

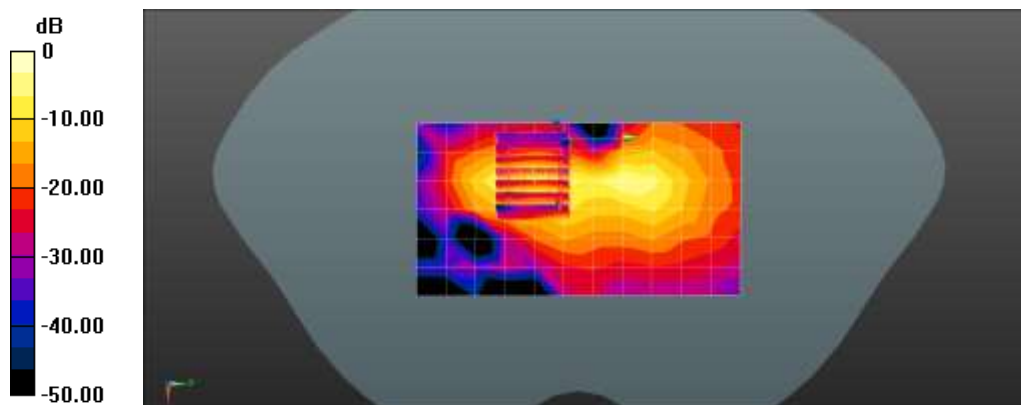
NR Band n77 Body Right CW 100MHz 633334ch/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 8.324 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 2.85 W/kg

SAR(1 g) = 0.769 W/kg; SAR(10 g) = 0.204 W/kg.

Maximum value of SAR (measured) = 1.59 W/kg



0 dB = 1.59 W/kg = 2.01 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 21.4 °C
Liquid Temperature: 21.3 °C
Test Date: 03/04/2024
Plot No.: C29

DUT: SM-F741U; Type: Bar

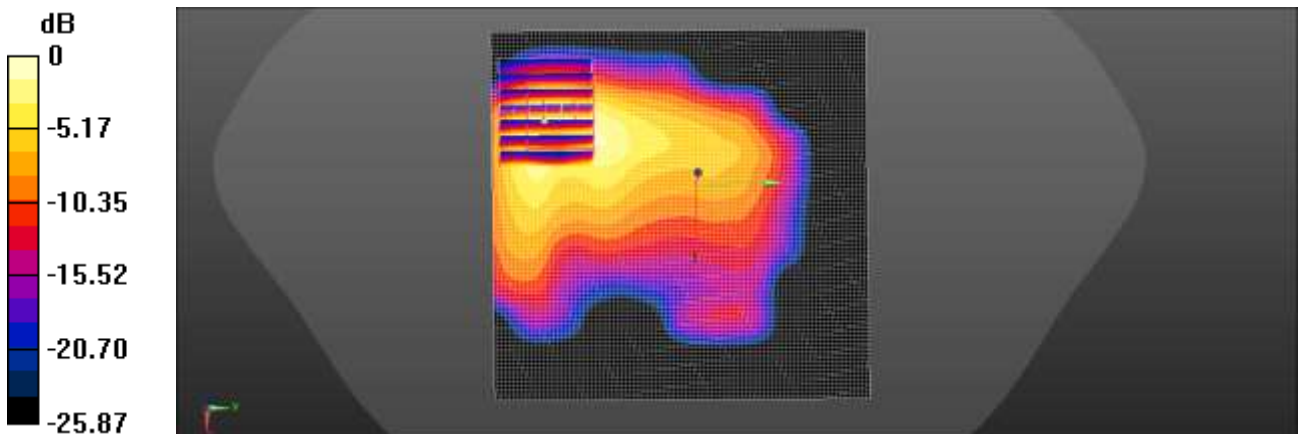
Communication System: UID 0, 2450MHz FCC (0); Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.808$ S/m; $\epsilon_r = 39.151$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

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 Front 1Mbps 1ch/Area Scan (101x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.732 W/kg

802.11b Body Front 1Mbps 1ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.565 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.887 W/kg
SAR(1 g) = 0.385 W/kg; SAR(10 g) = 0.171 W/kg
Maximum value of SAR (measured) = 0.693 W/kg



0 dB = 0.693 W/kg = -1.59 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Ambient Temperature: 20.4 °C
 Liquid Temperature: 20.3 °C
 Test Date: 03/06/2024
 Plot No.: C30

DUT: SM-F741U; Type: Bar

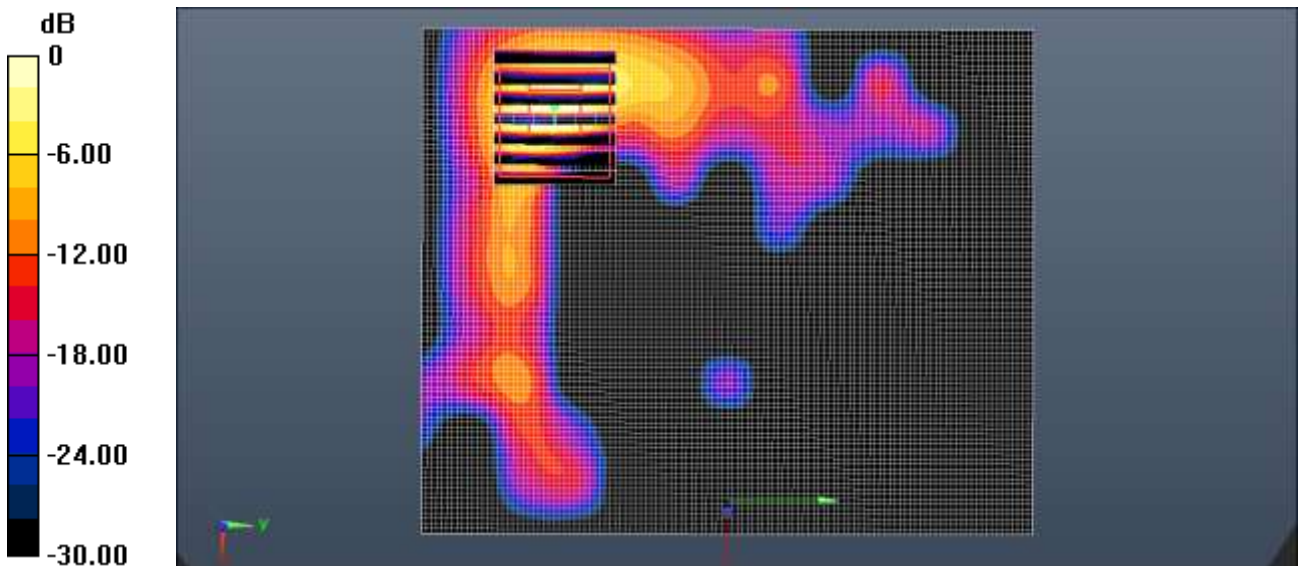
Communication System: UID 0, WIFI 5GHz (0); Frequency: 5785 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 5785 \text{ MHz}$; $\sigma = 5.146 \text{ S/m}$; $\epsilon_r = 36.091$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7751; ConvF(4.66, 4.66, 4.66) @ 5785 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 Front 6Mbps 157ch/Area Scan (101x121x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
 Maximum value of SAR (interpolated) = 2.21 W/kg

802.11a Body Front 6Mbps 157ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$
 Reference Value = 1.948 V/m; Power Drift = -0.11 dB
 Peak SAR (extrapolated) = 3.65 W/kg
SAR(1 g) = 0.709 W/kg; SAR(10 g) = 0.177 W/kg
 Maximum value of SAR (measured) = 1.98 W/kg



0 dB = 1.98 W/kg = 2.97 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Ambient Temperature: 21.0 °C
 Liquid Temperature: 20.9 °C
 Test Date: 03/06/2024
 Plot No.: C31

DUT: SM-F741U; Type: Bar

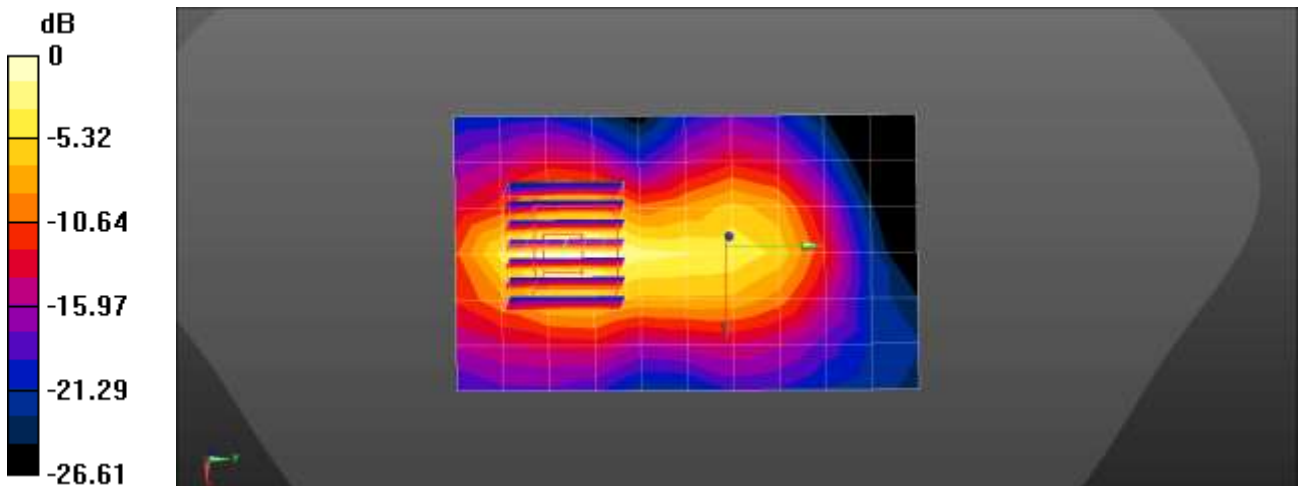
Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2402$ MHz; $\sigma = 1.8$ S/m; $\epsilon_r = 39.153$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(7.94, 7.91, 8.56) @ 2402 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 Left DH5 0ch/Area Scan (7x11x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.957 W/kg

Bluetooth Body Left DH5 0ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 16.52 V/m; Power Drift = 0.00 dB
 Peak SAR (extrapolated) = 1.29 W/kg
SAR(1 g) = 0.557 W/kg; SAR(10 g) = 0.233 W/kg
 Maximum value of SAR (measured) = 1.01 W/kg



0 dB = 1.01 W/kg = 0.04 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 21.3 °C
Liquid Temperature: 21.2 °C
Test Date: 03/05/2024
Plot No.: D1

DUT: SM-F741U; Type: Bar

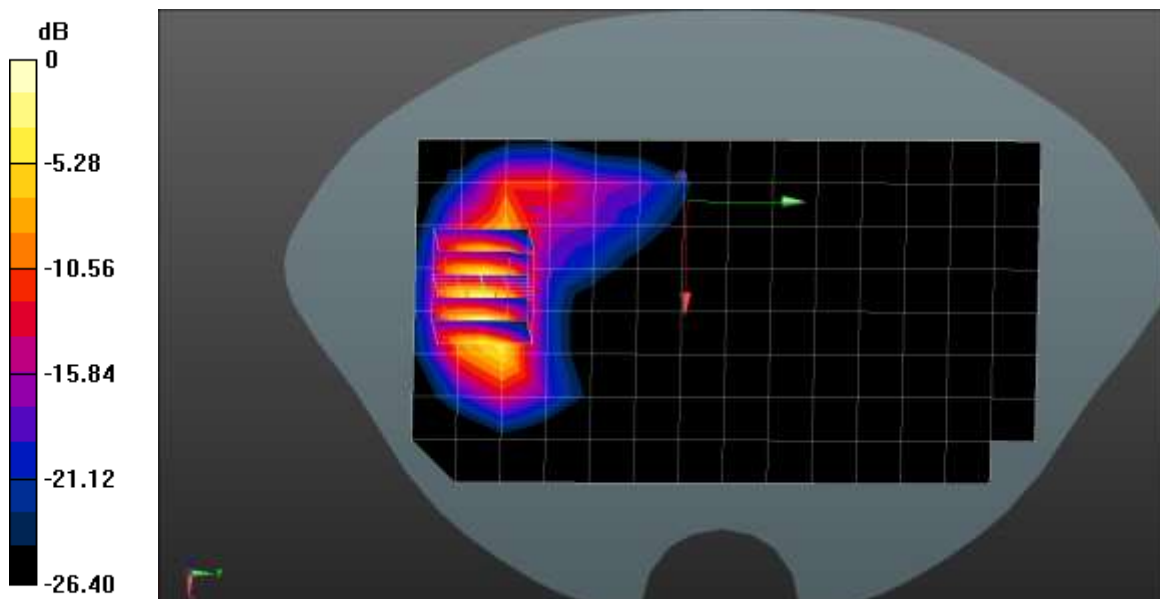
Communication System: UID 0, WCDMA1900 (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.384$ S/m; $\epsilon_r = 38.986$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

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 Phablet Front 9400ch/Area Scan (9x15x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 3.79 W/kg

UMTS Band 2 Phablet Front 9400ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 9.11 W/kg
SAR(1 g) = 4.07 W/kg; SAR(10 g) = 1.69 W/kg
Maximum value of SAR (measured) = 7.91 W/kg



0 dB = 7.91 W/kg = 8.98 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Ambient Temperature: 22.0 °C
 Liquid Temperature: 21.8 °C
 Test Date: 03/31/2024
 Plot No.: D2

DUT: SM-F741U; Type: Bar

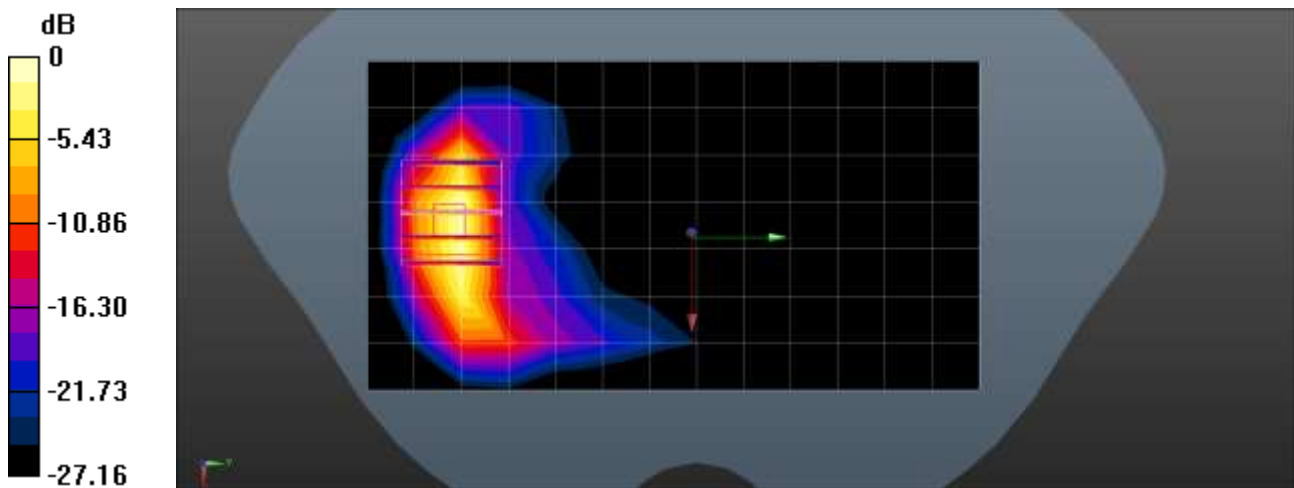
Communication System: UID 0, LTE Band 25 (0); Frequency: 1905 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1905 \text{ MHz}$; $\sigma = 1.395 \text{ S/m}$; $\epsilon_r = 38.761$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7680; ConvF(8.47, 8.47, 8.47) @ 1905 MHz; Calibrated: 2023-05-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1225; Calibrated: 2024-02-15
- 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)

LTE Band 25 Body Rear QPSK 20MHz 100RB 0offset 26590ch/Area Scan (8x14x1): Measurement grid:
 $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 8.99 W/kg

LTE Band 25 Body Rear QPSK 20MHz 100RB 0offset 26590ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid:
 $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 1.069 V/m; Power Drift = -0.16 dB
 Peak SAR (extrapolated) = 14.1 W/kg
SAR(1 g) = 5.53 W/kg; SAR(10 g) = 2.25 W/kg
 Maximum value of SAR (measured) = 11.5 W/kg



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

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Ambient Temperature: 23.7 °C
 Liquid Temperature: 23.5 °C
 Test Date: 04/05/2024
 Plot No.: D3

DUT: SM-F741U; Type: Bar

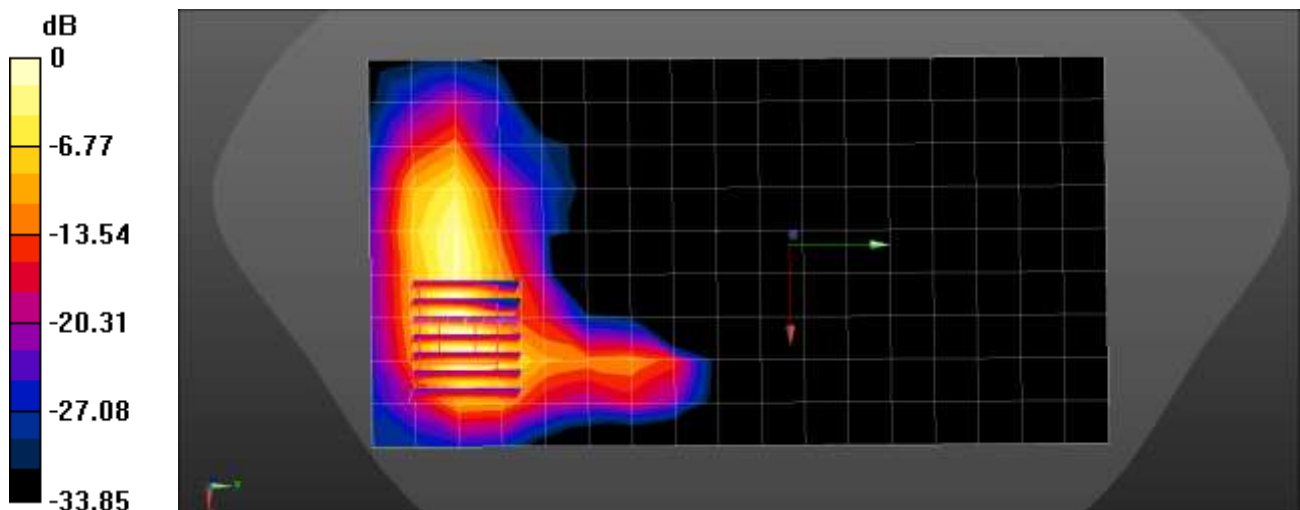
Communication System: UID 0, LTE Band 30 (0); Frequency: 2310 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.726$ S/m; $\epsilon_r = 39.263$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(8.09, 8.02, 8.69) @ 2310 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)

LTE Band 30 Phablet Rear QPSK 10MHz 25RB 24offset 27710ch/Area Scan (10x18x1): Measurement grid:
 $dx=12$ mm, $dy=12$ mm
 Maximum value of SAR (measured) = 5.86 W/kg

LTE Band 30 Phablet Rear QPSK 10MHz 25RB 24offset 27710ch/Zoom Scan (7x7x7)/Cube 0: Measurement
 grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
 Reference Value = 1.489 V/m; Power Drift = 0.16 dB
 Peak SAR (extrapolated) = 9.01 W/kg
SAR(1 g) = 2.95 W/kg; SAR(10 g) = 1.06 W/kg
 Maximum value of SAR (measured) = 5.92 W/kg



0 dB = 5.92 W/kg = 7.72 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 22.8 °C
Liquid Temperature: 22.5 °C
Test Date: 04/23/2024
Plot No.: D4

DUT: SM-F741U; Type: Bar

Communication System: UID 0, LTE 66 (0); Frequency: 1720 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.34$ S/m; $\epsilon_r = 41.343$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7680; ConvF(9.1, 9.1, 9.1) @ 1720 MHz; Calibrated: 2023-05-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1225; Calibrated: 2024-02-15
- 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)

LTE Band 66 Body Right QPSK 20MHz 1RB 49offset 132072ch/Area Scan (7x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 7.05 W/kg

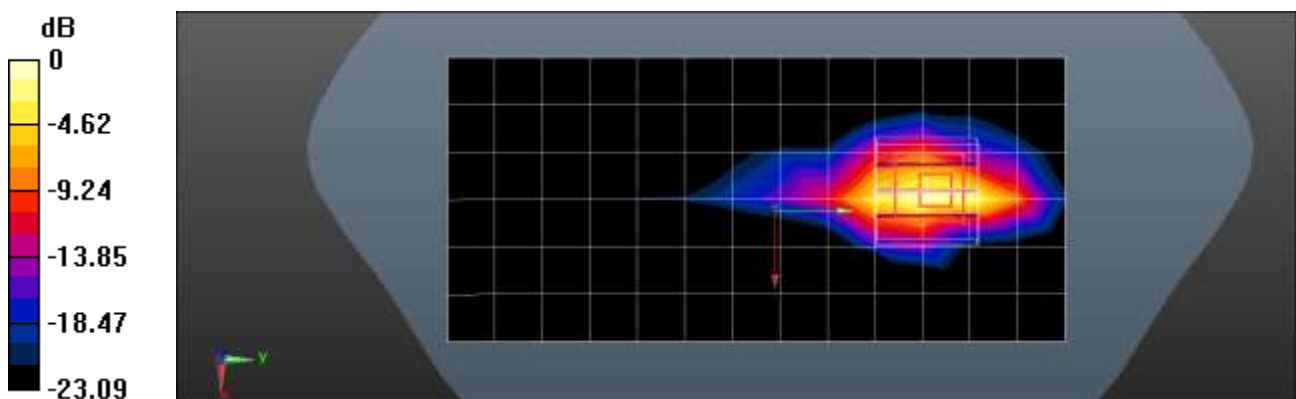
LTE Band 66 Body Right QPSK 20MHz 1RB 49offset 132072ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.62 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 10.2 W/kg

SAR(1 g) = 4.77 W/kg; SAR(10 g) = 2.09 W/kg

Maximum value of SAR (measured) = 8.41 W/kg



0 dB = 8.41 W/kg = 9.25 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 22.6 °C
Liquid Temperature: 22.5 °C
Test Date: 04/22/2024
Plot No.: D5

DUT: SM-F741U; Type: Bar

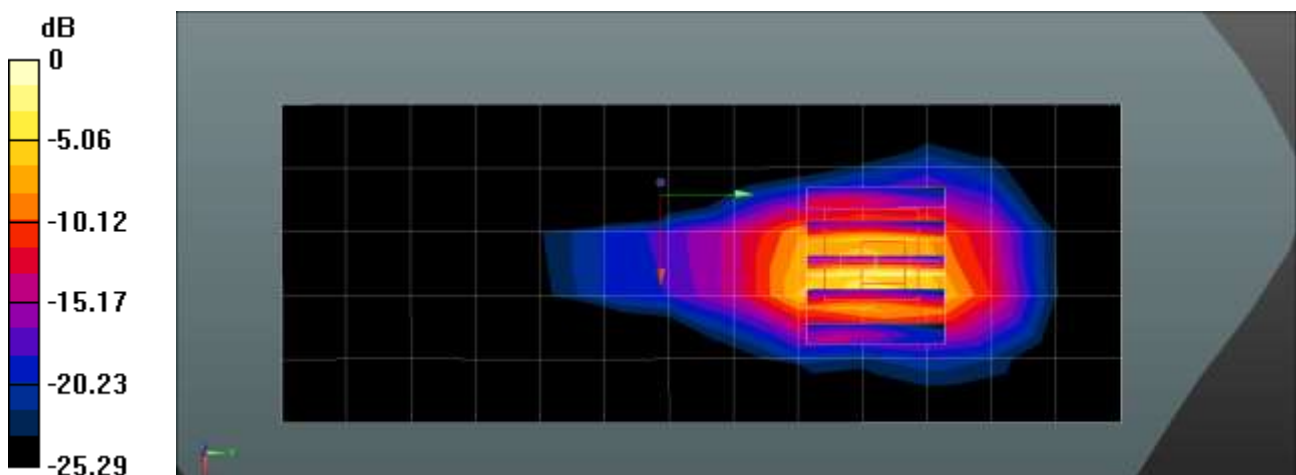
Communication System: UID 0, n25 (0); Frequency: 1882.5 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1882.5$ MHz; $\sigma = 1.424$ S/m; $\epsilon_r = 40.144$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7680; ConvF(8.47, 8.47, 8.47) @ 1882.5 MHz; Calibrated: 2023-05-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1225; Calibrated: 2024-02-15
- 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)

NR Band n25 Body Right DFT-s QPSK 40MHz 108RB 54offset 376500ch/Area Scan (6x14x1): Measurement
 grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 4.12 W/kg

NR Band n25 Body Right DFT-s QPSK 40MHz 108RB 54offset 376500ch/Zoom Scan (5x5x7)/Cube 0:
 Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 16.07 V/m; Power Drift = 0.18 dB
 Peak SAR (extrapolated) = 13.0 W/kg
SAR(1 g) = 5.38 W/kg; SAR(10 g) = 2.16 W/kg
 Maximum value of SAR (measured) = 10.4 W/kg



0 dB = 10.4 W/kg = 10.17 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Ambient Temperature: 20.9 °C
 Liquid Temperature: 20.7 °C
 Test Date: 04/12/2024
 Plot No.: D6

DUT: SM-F741U; Type: Bar

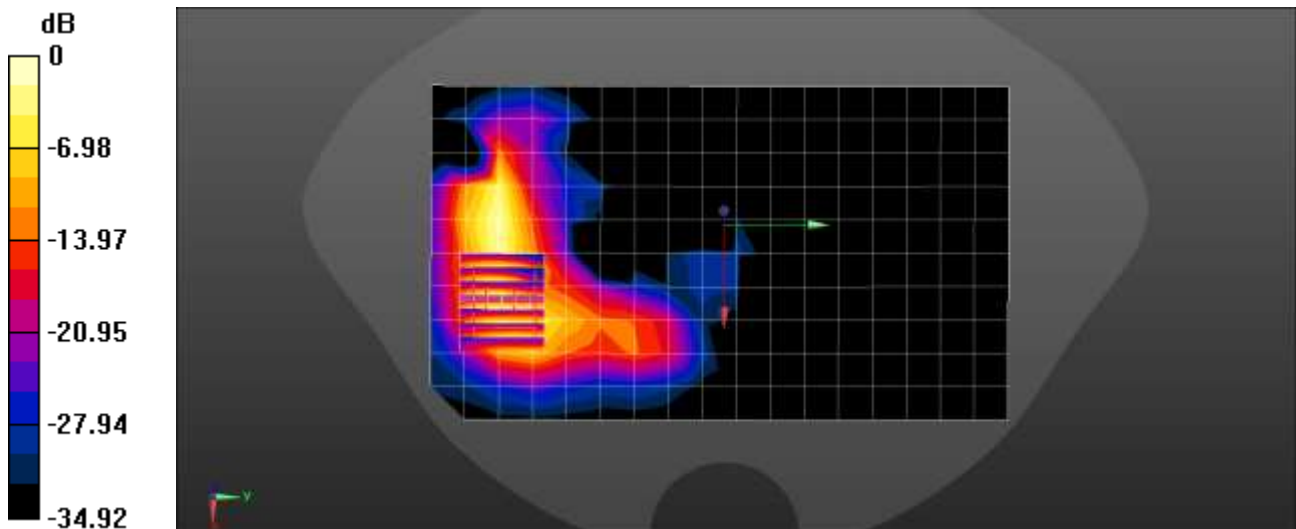
Communication System: UID 0, NR n30 (0); Frequency: 2310 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.727$ S/m; $\epsilon_r = 39.258$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(8.37, 8.37, 8.37) @ 2310 MHz; Calibrated: 2023-08-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2023-07-04
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR Band n30 Body Rear DFT-s QPSK 10MHz 25RB 0offset 462000ch/Area Scan (11x18x1): Measurement grid:
 $dx=12$ mm, $dy=12$ mm
 Maximum value of SAR (measured) = 6.48 W/kg

NR Band n30 Body Rear DFT-s QPSK 10MHz 25RB 0offset 462000ch/Zoom Scan (7x7x7)/Cube 0:
 Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
 Reference Value = 2.695 V/m; Power Drift = -0.16 dB
 Peak SAR (extrapolated) = 10.9 W/kg
SAR(1 g) = 2.99 W/kg; SAR(10 g) = 1.03 W/kg
 Maximum value of SAR (measured) = 6.95 W/kg



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

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 19.8 °C
Liquid Temperature: 19.7 °C
Test Date: 04/09/2024
Plot No.: D7

DUT: SM-F741U; Type: Bar

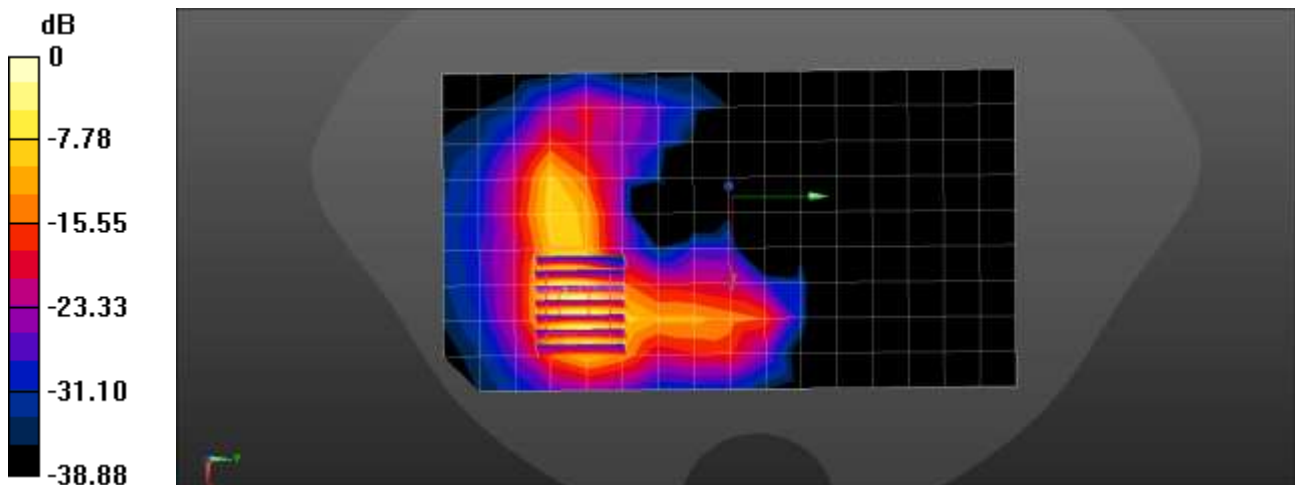
Communication System: UID 0, NR n38 (0); Frequency: 2595 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2595 \text{ MHz}$; $\sigma = 2 \text{ S/m}$; $\epsilon_r = 39.167$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3797; ConvF(7.34, 7.07, 7.07) @ 2595 MHz; Calibrated: 2024-01-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1687; Calibrated: 2023-07-18
- Phantom: Twin-SAM V4.0 (Left-Right); Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

NR Band n38 Body Rear CP QPSK 40MHz 1RB 1offset 519000ch/Area Scan (10x17x1): Measurement grid:
 $dx=12\text{mm}$, $dy=12\text{mm}$
 Maximum value of SAR (measured) = 8.74 W/kg

NR Band n38 Body Rear CP QPSK 40MHz 1RB 1offset 519000ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$
 Reference Value = 0 V/m; Power Drift = 0.00 dB
 Peak SAR (extrapolated) = 22.3 W/kg
SAR(1 g) = 5.76 W/kg; SAR(10 g) = 1.75 W/kg
 Maximum value of SAR (measured) = 13.1 W/kg



0 dB = 13.1 W/kg = 11.17 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 21.1 °C
Liquid Temperature: 21.0 °C
Test Date: 04/13/2024
Plot No.: D8

DUT: SM-F741U; Type: Bar

Communication System: UID 0, NR Band 66 (0); Frequency: 1745 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.32$ S/m; $\epsilon_r = 41.537$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(8.66, 8.66, 8.66) @ 1745 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(Right); Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR Band n66 Limb Rear DFT-s QPSK 40MHz 108RB 54offset 349000ch/Area Scan (9x14x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 7.80 W/kg

NR Band n66 Limb Rear DFT-s QPSK 40MHz 108RB 54offset 349000ch/Zoom Scan (5x5x7)/Cube 0:

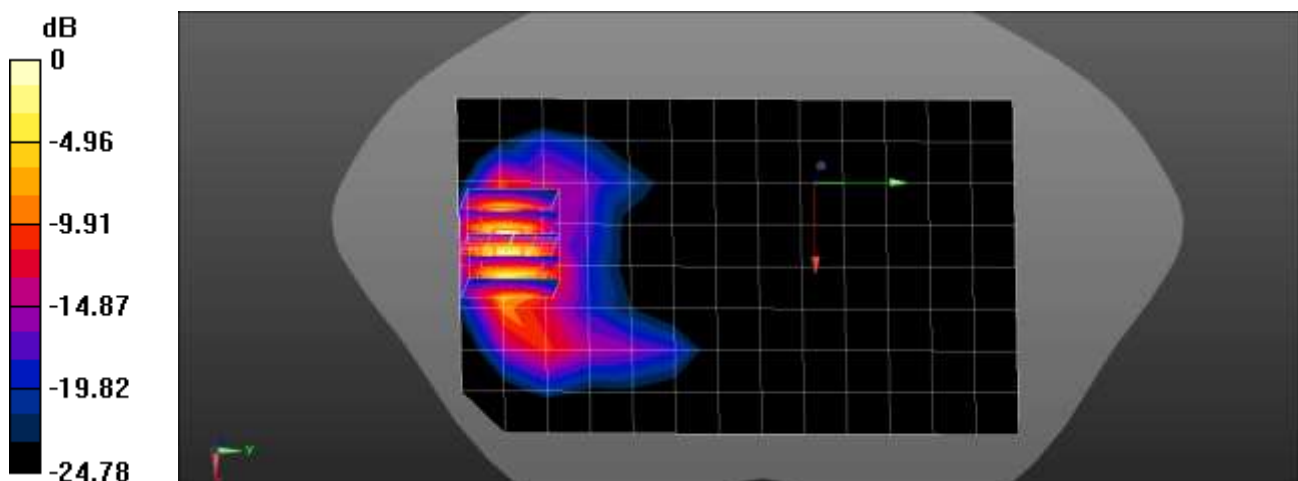
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.579 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 13.6 W/kg

SAR(1 g) = 5.72 W/kg; SAR(10 g) = 2.39 W/kg

Maximum value of SAR (measured) = 11.1 W/kg



0 dB = 11.1 W/kg = 10.45 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Ambient Temperature: 21.3 °C
 Liquid Temperature: 21.2 °C
 Test Date: 03/04/2024
 Plot No.: D9

DUT: SM-F741U; Type: Bar

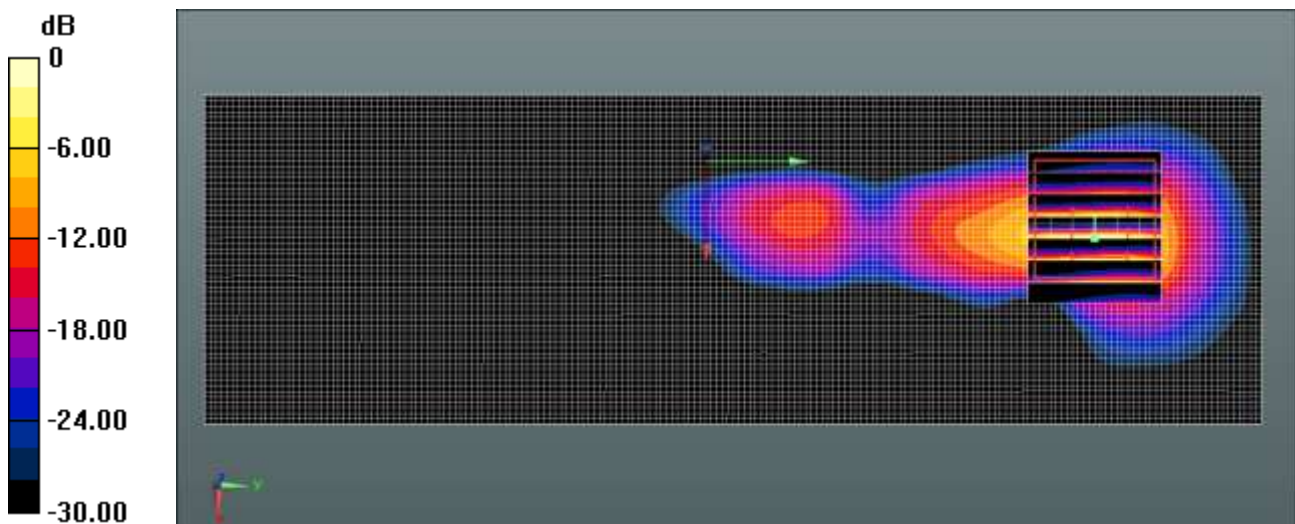
Communication System: UID 0, WIFI 5GHz (0); Frequency: 5620 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5620$ MHz; $\sigma = 4.963$ S/m; $\epsilon_r = 36.051$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7751; ConvF(4.51, 4.51, 4.51) @ 5620 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 Left 6Mbps 124ch/Area Scan (61x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 16.0 W/kg

802.11a Body Left 6Mbps 124ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
 Reference Value = 3.125 V/m; Power Drift = 0.13 dB
 Peak SAR (extrapolated) = 52.4 W/kg
SAR(1 g) = 6.44 W/kg; SAR(10 g) = 1.36 W/kg
 Maximum value of SAR (measured) = 22.8 W/kg



0 dB = 22.8 W/kg = 13.58 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 20.0 °C
Liquid Temperature: 19.9 °C
Test Date: 03/19/2024
Plot No.: D10

DUT: SM-F741U; Type: Bar

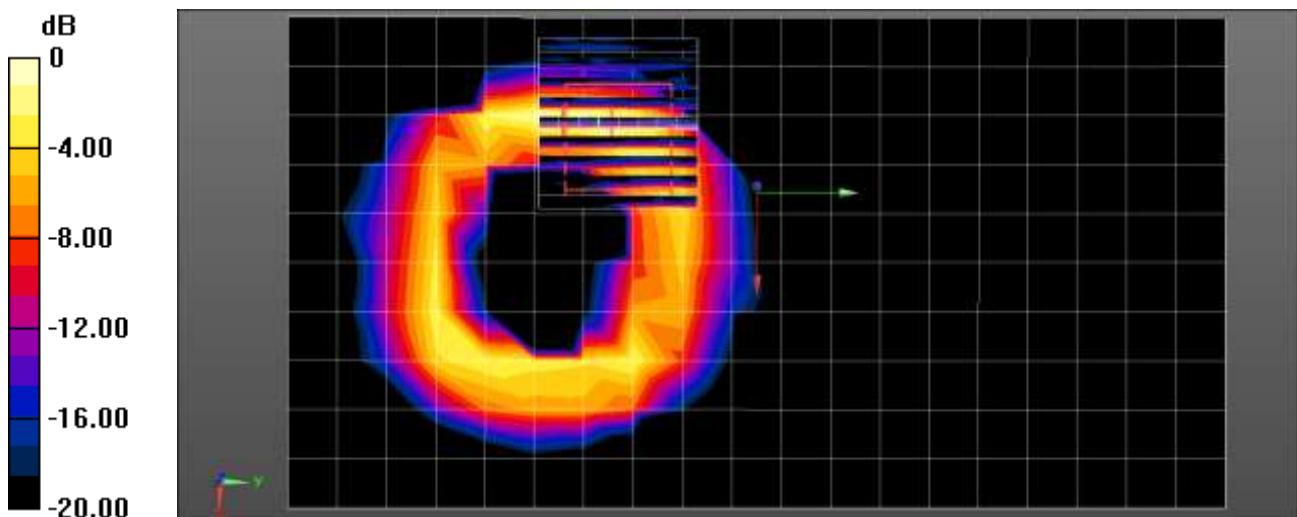
Communication System: UID 0, NFC (0); Frequency: 13.56 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 14 \text{ MHz}$; $\sigma = 0.74 \text{ S/m}$; $\epsilon_r = 54.124$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

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 A 106kbps/Area Scan (11x20x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$
Maximum value of SAR (measured) = 0.0248 W/kg

NFC Phablet Rear Type A 106kbps/Zoom Scan (9x9x8)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$
Reference Value = 0.8280 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.140 W/kg
SAR(1 g) = 0.022 W/kg; SAR(10 g) = 0.00743 W/kg
Maximum value of SAR (measured) = 0.0328 W/kg



0 dB = 0.0328 W/kg = -14.84 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Ambient Temperature: 20.7 °C
Liquid Temperature: 20.6 °C
Test Date: 03/07/2024
Plot No.: D11

DUT: SM-F741U; Type: Bar

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.83$ S/m; $\epsilon_r = 39.186$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(7.94, 7.91, 8.56) @ 2441 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)

SM-F741U/Bluetooth Limb Top DH5 39ch/Area Scan (7x11x1): Measurement grid: dx=12mm, dy=12mm

Info: [Interpolated medium parameters used for SAR evaluation.](#)

Maximum value of SAR (measured) = 2.39 W/kg

SM-F741U/Bluetooth Limb Top DH5 39ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.34 V/m; Power Drift = 0.09 dB

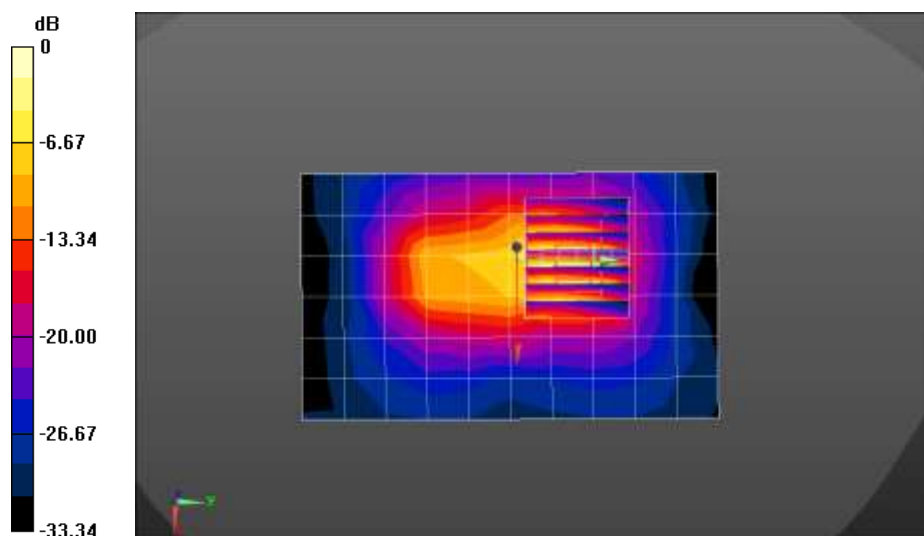
Peak SAR (extrapolated) = 7.90 W/kg

SAR(1 g) = 2.04 W/kg; SAR(10 g) = 0.707 W/kg

Smallest distance from peaks to all points 3 dB below = 3.6 mm

Ratio of SAR at M2 to SAR at M1 = 21.7%

Maximum value of SAR (measured) = 4.67 W/kg



0 dB = 4.67 W/kg = 6.69 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

DUT: Dipole 750 MHz D750V3; Type: D750V3; Serial: D750V3 - SN:1014

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.957 \text{ S/m}$; $\epsilon_r = 42.246$; $\rho = 1000 \text{ kg/m}^3$
 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)

Dipole/750MHz Head Verification/Area Scan (5x14x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.575 W/kg

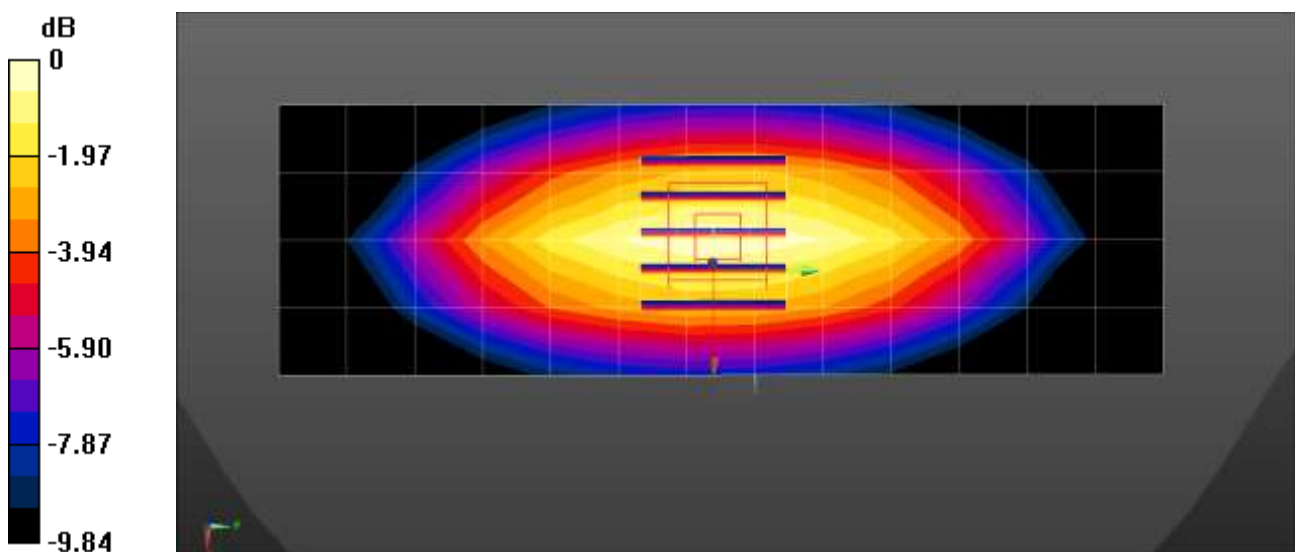
Dipole/750MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.60 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.637 W/kg

SAR(1 g) = 0.455 W/kg; SAR(10 g) = 0.306 W/kg

Maximum value of SAR (measured) = 0.585 W/kg



0 dB = 0.585 W/kg = -2.33 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 19.8 °C
 Test Date: 03/19/2024

DUT: Dipole 750 MHz D750V3; Type: D750V3; Serial: D750V3 - SN:1014

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.852 \text{ S/m}$; $\epsilon_r = 44.746$; $\rho = 1000 \text{ kg/m}^3$
 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)

Dipole/750MHz Head Verification/Area Scan (5x14x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.509 W/kg

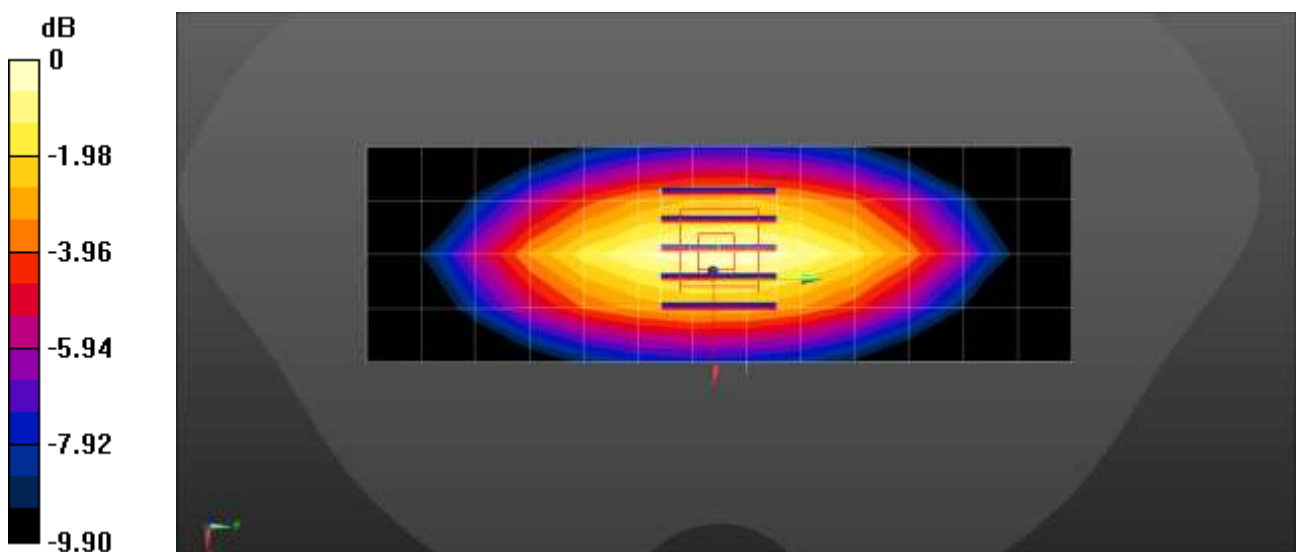
Dipole/750MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.67 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.574 W/kg

SAR(1 g) = 0.406 W/kg; SAR(10 g) = 0.273 W/kg

Maximum value of SAR (measured) = 0.527 W/kg



0 dB = 0.527 W/kg = -2.78 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 20.7 °C
 Test Date: 03/12/2024

DUT: Dipole 750 MHz D750V3; Type: D750V3; Serial: D750V3 - SN:1014

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.915 \text{ S/m}$; $\epsilon_r = 42.748$; $\rho = 1000 \text{ kg/m}^3$
 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)

Dipole/750MHz Head Verification/Area Scan (5x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.543 W/kg

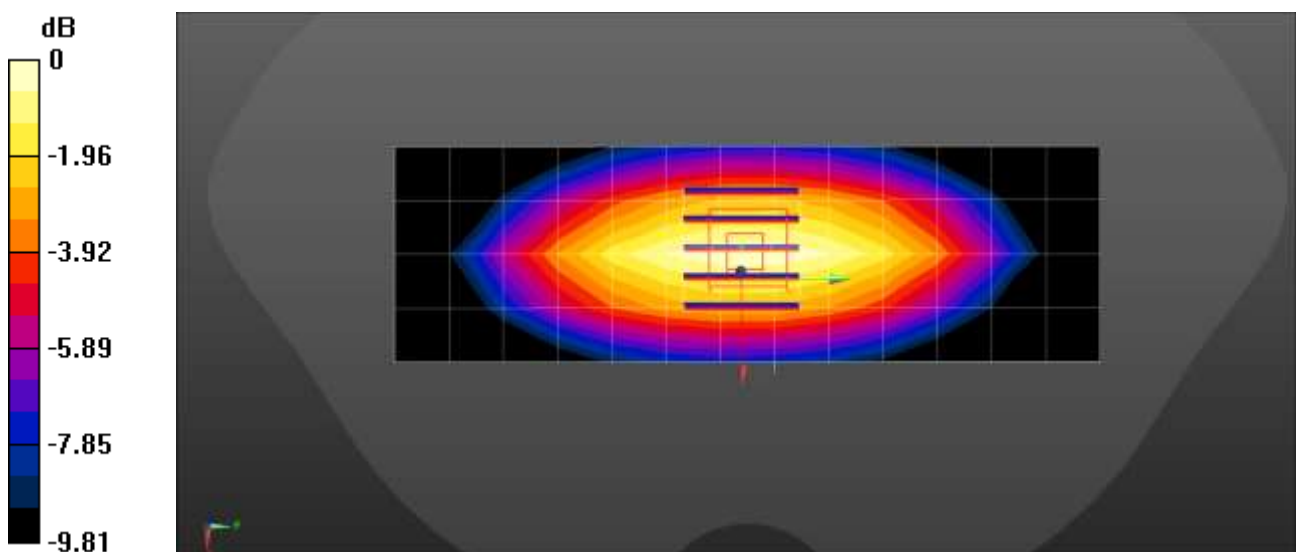
Dipole/750MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 26.60 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.604 W/kg

SAR(1 g) = 0.432 W/kg; SAR(10 g) = 0.291 W/kg

Maximum value of SAR (measured) = 0.555 W/kg



0 dB = 0.555 W/kg = -2.56 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 24.0 °C
 Test Date: 04/18/2024

DUT: Dipole 750 MHz D750V3; Type: D750V3; Serial: D750V3 - SN:1014

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.915 \text{ S/m}$; $\epsilon_r = 43.238$; $\rho = 1000 \text{ kg/m}^3$
 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)

Dipole/750MHz Head Verification/Area Scan (5x14x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.548 W/kg

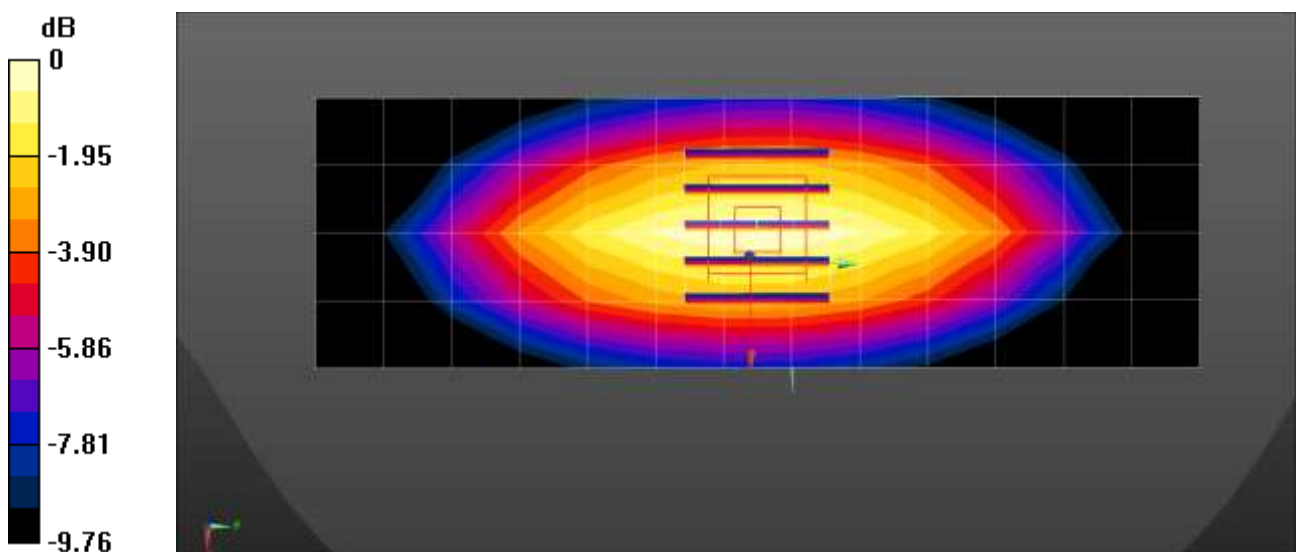
Dipole/750MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.57 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.604 W/kg

SAR(1 g) = 0.433 W/kg; SAR(10 g) = 0.293 W/kg

Maximum value of SAR (measured) = 0.555 W/kg



0 dB = 0.555 W/kg = -2.56 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 20.5 °C
 Test Date: 03/14/2024

DUT: Dipole 750 MHz D750V3; Type: D750V3; Serial: D750V3 - SN:1014

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.894 \text{ S/m}$; $\epsilon_r = 42.752$; $\rho = 1000 \text{ kg/m}^3$
 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)

Dipole/750MHz Head Verification/Area Scan (5x14x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.533 W/kg

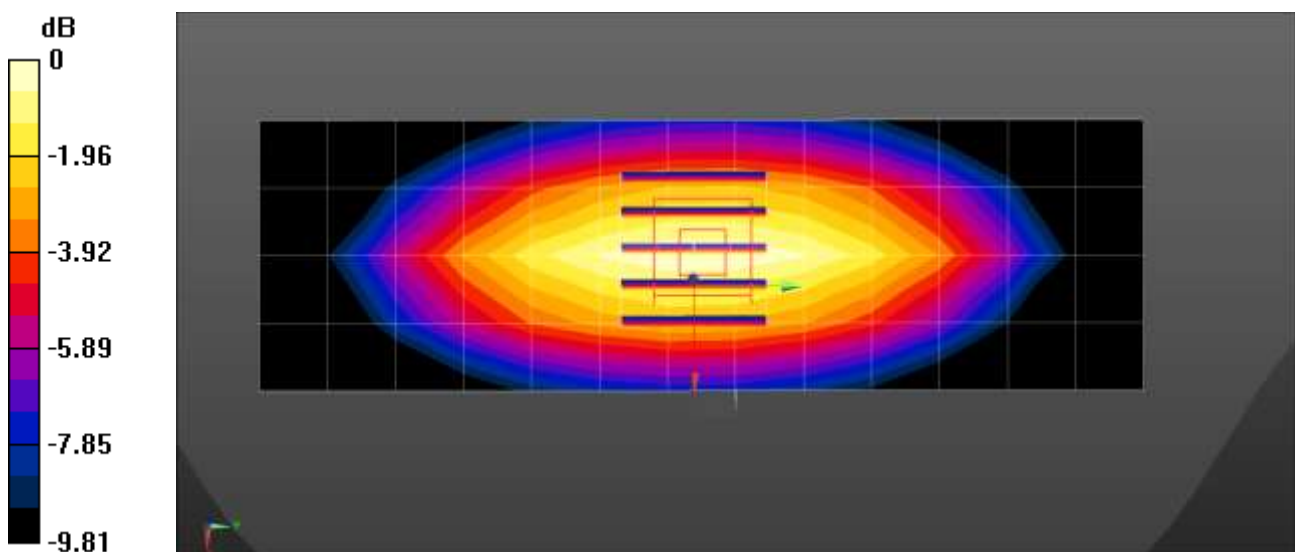
Dipole/750MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.56 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.591 W/kg

SAR(1 g) = 0.422 W/kg; SAR(10 g) = 0.285 W/kg

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



0 dB = 0.543 W/kg = -2.65 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 21.8 °C
 Test Date: 04/19/2024

DUT: Dipole 750 MHz D750V3; Type: D750V3; Serial: D750V3 - SN:1014

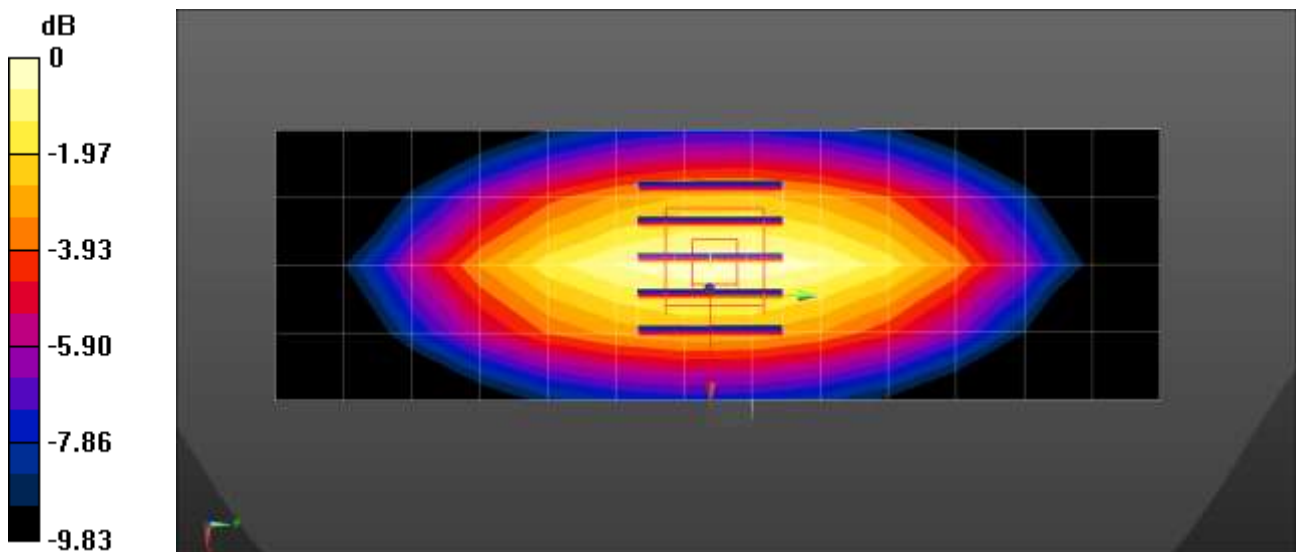
Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.906 \text{ S/m}$; $\epsilon_r = 42.736$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

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)

Dipole/750MHz Head Verification/Area Scan (5x14x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.542 W/kg

Dipole/750MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 26.61 V/m; Power Drift = -0.01 dB
 Peak SAR (extrapolated) = 0.602 W/kg
SAR(1 g) = 0.430 W/kg; SAR(10 g) = 0.290 W/kg.
 Maximum value of SAR (measured) = 0.554 W/kg



0 dB = 0.554 W/kg = -2.56 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 19.4 °C
 Test Date: 03/16/2024

DUT: Dipole 750 MHz D750V3; Type: D750V3; Serial: D750V3 - SN:1014

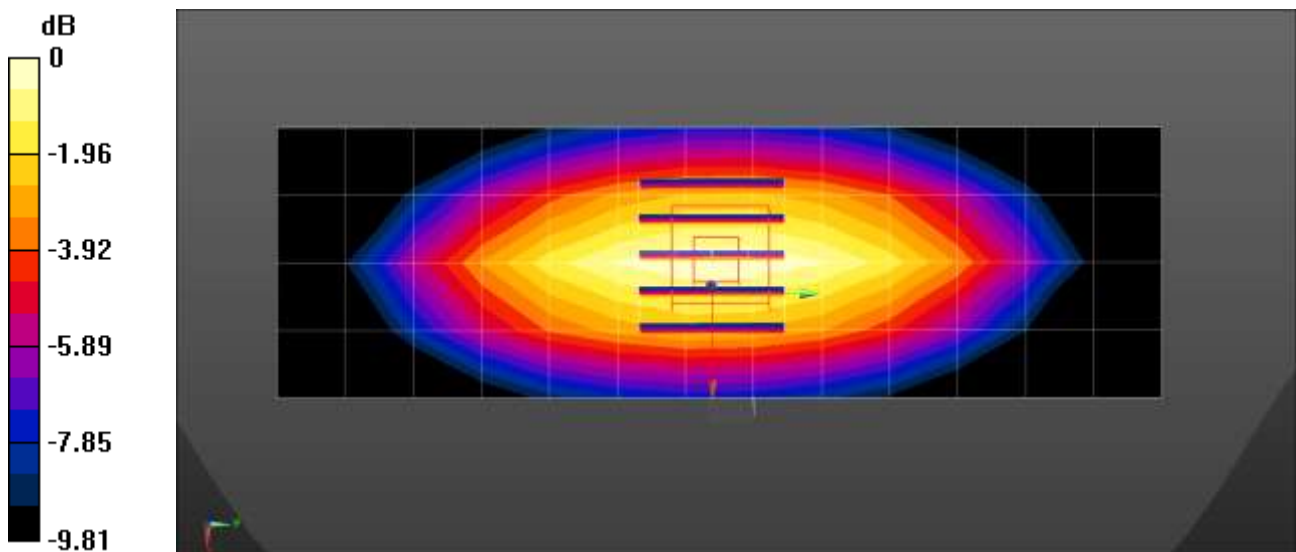
Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.894 \text{ S/m}$; $\epsilon_r = 42.746$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

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)

Dipole/750MHz Head Verification/Area Scan (5x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.536 W/kg

Dipole/750MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 26.64 V/m; Power Drift = 0.05 dB
 Peak SAR (extrapolated) = 0.591 W/kg
SAR(1 g) = 0.423 W/kg; SAR(10 g) = 0.286 W/kg
 Maximum value of SAR (measured) = 0.543 W/kg



0 dB = 0.543 W/kg = -2.65 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 19.7 °C
 Test Date: 03/17/2024

DUT: Dipole 750 MHz D750V3; Type: D750V3; Serial: D750V3 - SN:1014

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.869 \text{ S/m}$; $\epsilon_r = 42.741$; $\rho = 1000 \text{ kg/m}^3$
 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)

Dipole/750MHz Head Verification/Area Scan (5x14x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.521 W/kg

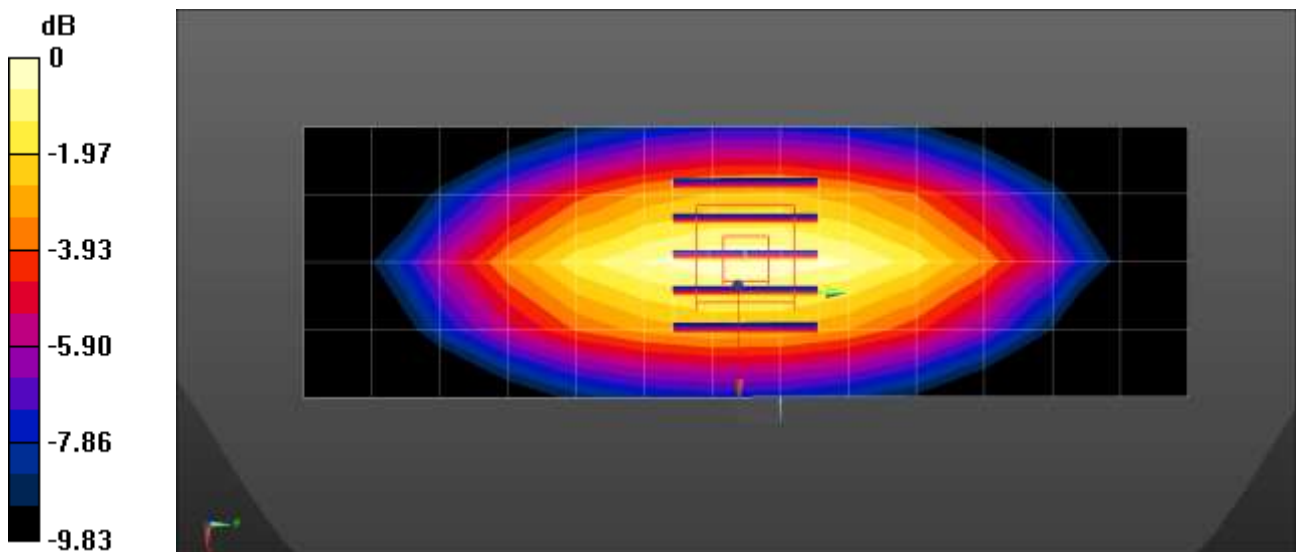
Dipole/750MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.70 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.579 W/kg

SAR(1 g) = 0.413 W/kg; SAR(10 g) = 0.279 W/kg

Maximum value of SAR (measured) = 0.532 W/kg



0 dB = 0.532 W/kg = -2.74 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 22.9 °C
 Test Date: 03/07/2024

DUT: D835V2 - SN4d165; Type: D835V2; Serial: SN4d165

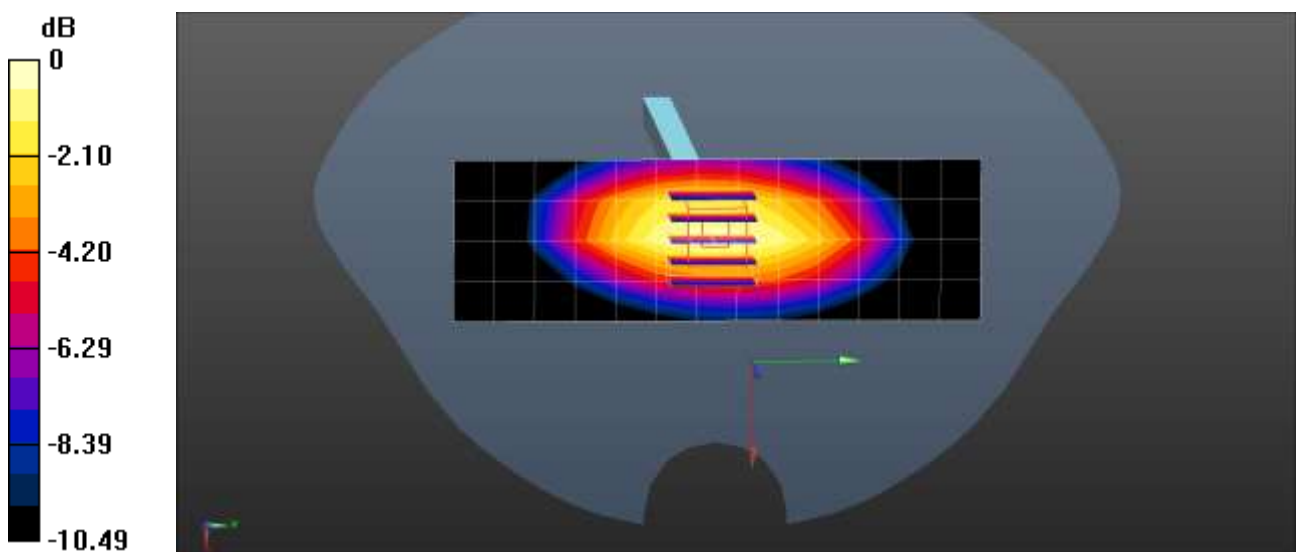
Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 835 \text{ MHz}$; $\sigma = 0.931 \text{ S/m}$; $\epsilon_r = 41.581$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

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 (4); SEMCAD X Version 14.6.14 (7483)

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

Dipole/835MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 29.27 V/m; Power Drift = 0.06 dB
 Peak SAR (extrapolated) = 0.750 W/kg
SAR(1 g) = 0.533 W/kg; SAR(10 g) = 0.354 W/kg
 Maximum value of SAR (measured) = 0.689 W/kg



0 dB = 0.689 W/kg = -1.62 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 21.8 °C
 Test Date: 02/29/2024

DUT: D835V2 - SN4d165; Type: D835V2; Serial: SN4d165

Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 835 \text{ MHz}$; $\sigma = 0.915 \text{ S/m}$; $\epsilon_r = 41.563$; $\rho = 1000 \text{ kg/m}^3$
 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 (4); SEMCAD X Version 14.6.14 (7483)

Dipole/835MHz Head Verification/Area Scan (5x14x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.614 W/kg

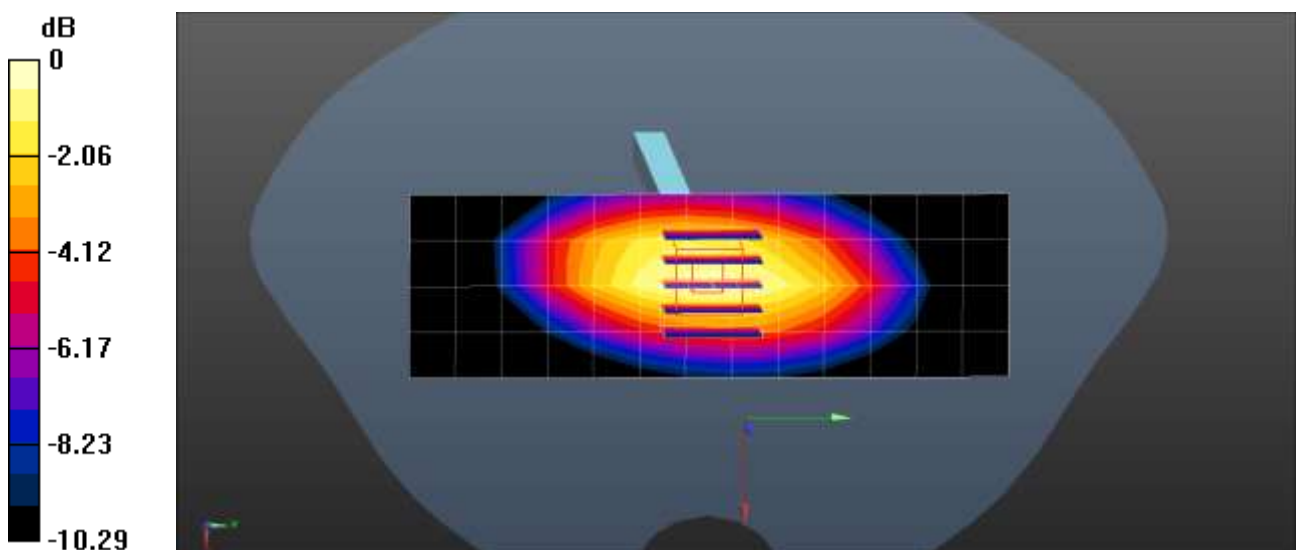
Dipole/835MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.77 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.716 W/kg

SAR(1 g) = 0.512 W/kg; SAR(10 g) = 0.341 W/kg

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



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

■ Verification Data (835 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 19.6 °C
Test Date: 03/21/2024

DUT: D835V2 - SN4d165; Type: D835V2; Serial: SN4d165

Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 835$ MHz; $\sigma = 0.936$ S/m; $\epsilon_r = 40.76$; $\rho = 1000$ kg/m³
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)

Dipole/835MHz Head Verification/Area Scan (5x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.606 W/kg

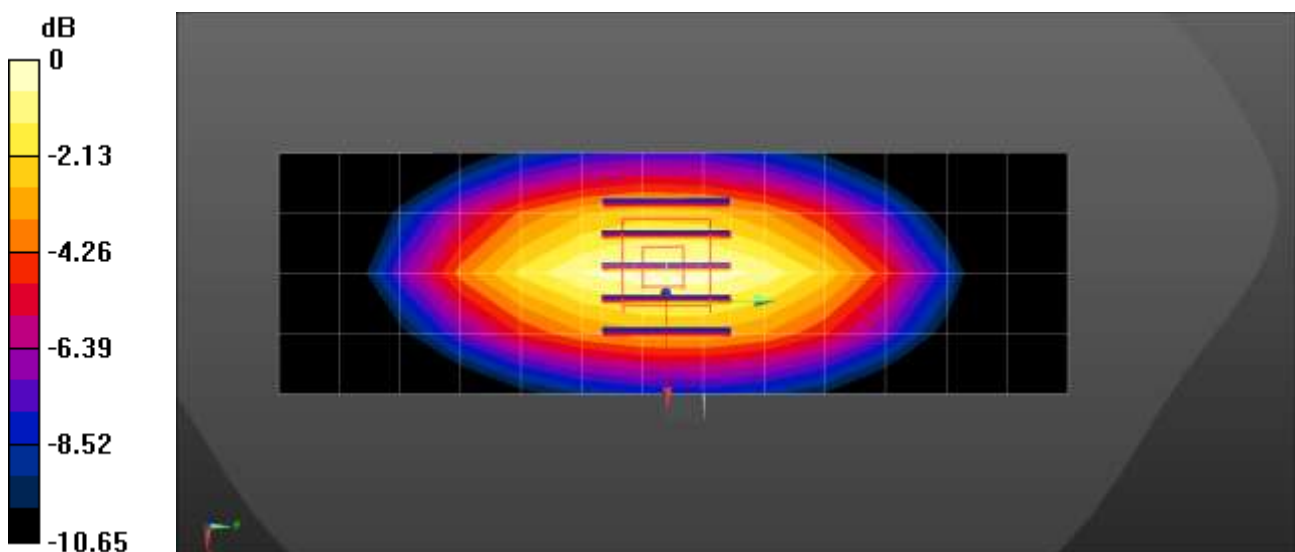
Dipole/835MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.50 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.679 W/kg

SAR(1 g) = 0.479 W/kg; SAR(10 g) = 0.316 W/kg

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



0 dB = 0.623 W/kg = -2.06 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 19.8 °C
 Test Date: 03/20/2024

DUT: D835V2 - SN4d165; Type: D835V2; Serial: SN4d165

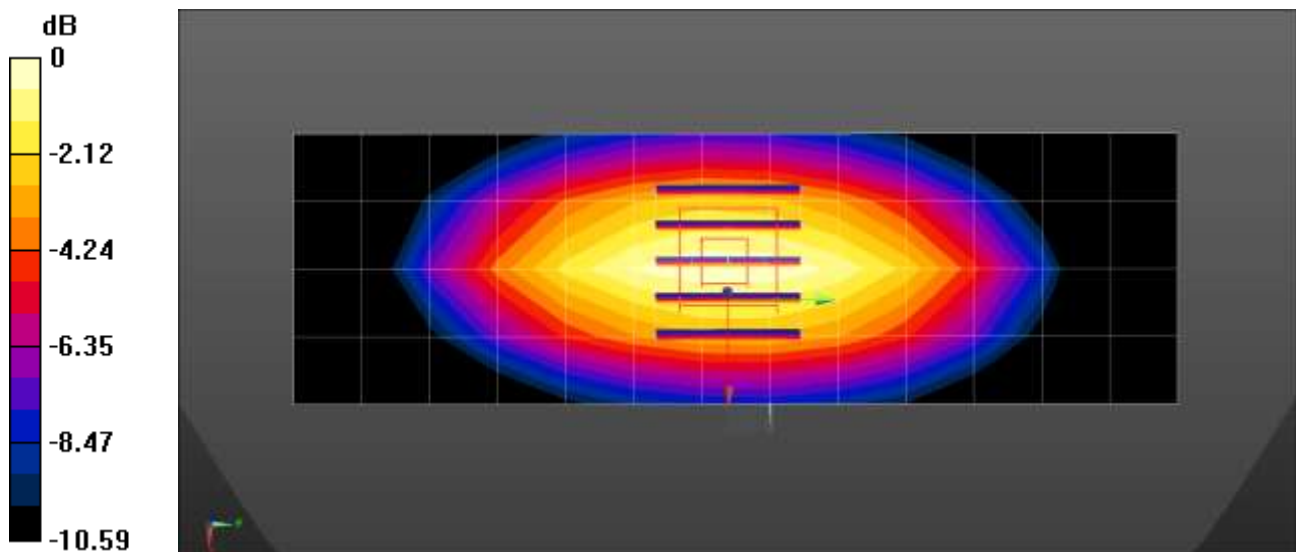
Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 835 \text{ MHz}$; $\sigma = 0.912 \text{ S/m}$; $\epsilon_r = 40.785$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

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)

Dipole/835MHz Head Verification/Area Scan (5x14x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.600 W/kg

Dipole/835MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 27.68 V/m; Power Drift = 0.03 dB
 Peak SAR (extrapolated) = 0.662 W/kg
SAR(1 g) = 0.468 W/kg; SAR(10 g) = 0.309 W/kg
 Maximum value of SAR (measured) = 0.607 W/kg



0 dB = 0.607 W/kg = -2.17 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: 03/04/2024

DUT: D1800V2 - SN2d015; Type: D1800V2; Serial: SN2d015

Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1800$ MHz; $\sigma = 1.414$ S/m; $\epsilon_r = 41.283$; $\rho = 1000$ kg/m³
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)

Dipole/1800MHz Head Verification/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.52 W/kg

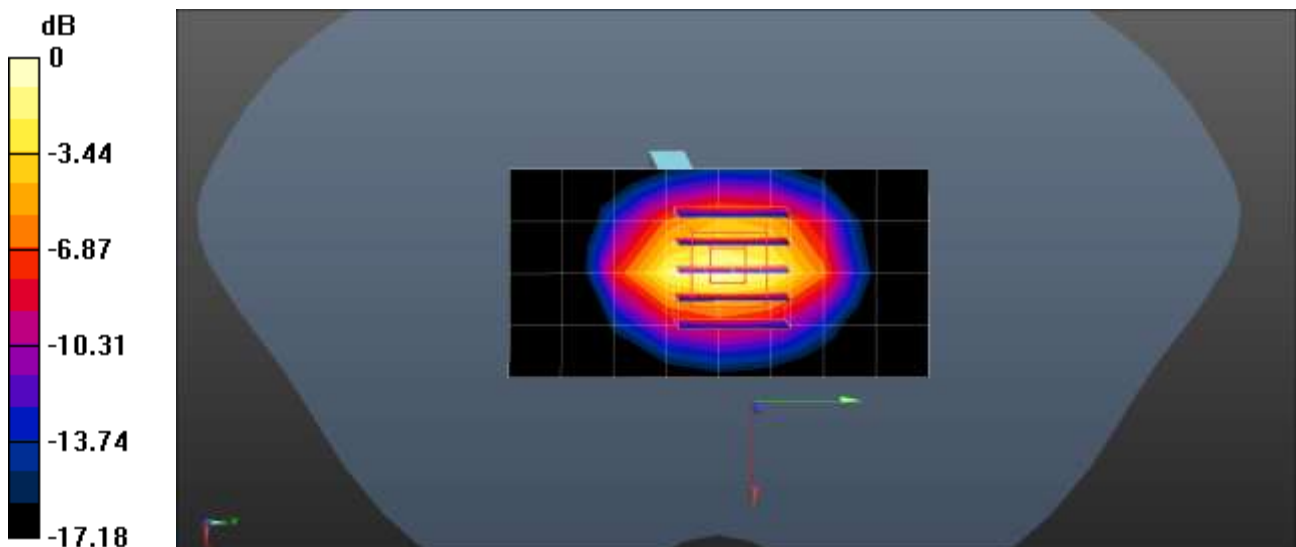
Dipole/1800MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 44.38 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 3.14 W/kg

SAR(1 g) = 1.76 W/kg; SAR(10 g) = 0.933 W/kg

Maximum value of SAR (measured) = 2.69 W/kg



0 dB = 2.69 W/kg = 4.30 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 21.6 °C
 Test Date: 03/13/2024

DUT: D1800V2 - SN2d015; Type: D1800V2; Serial: SN2d015

Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1800$ MHz; $\sigma = 1.427$ S/m; $\epsilon_r = 41.068$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7680; ConvF(9.1, 9.1, 9.1) @ 1800 MHz; Calibrated: 2023-05-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1225; Calibrated: 2024-02-15
- 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)

Dipole/1800MHz Head Verification/Area Scan (7x8x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 2.68 W/kg

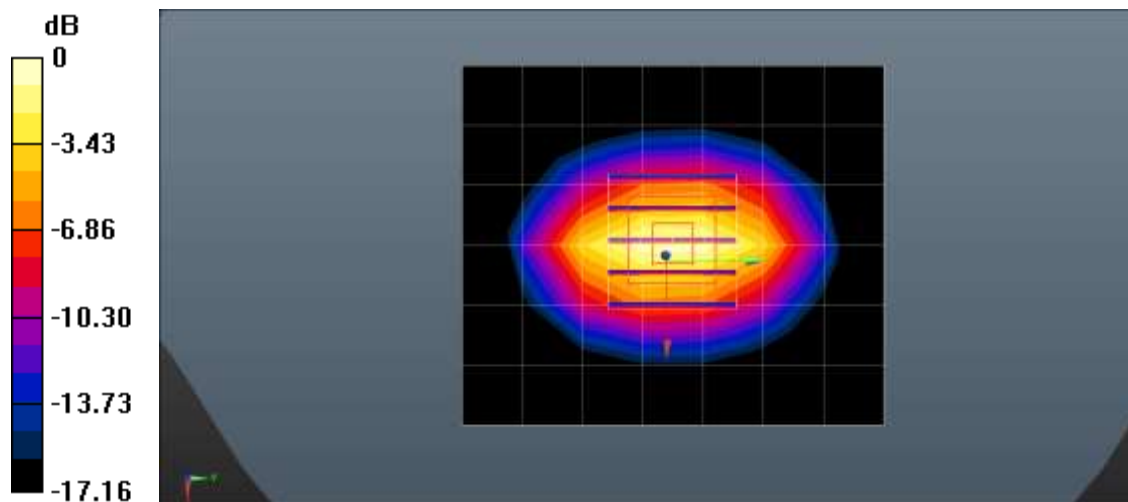
Dipole/1800MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 47.23 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 3.46 W/kg

SAR(1 g) = 1.89 W/kg; SAR(10 g) = 0.996 W/kg

Maximum value of SAR (measured) = 2.94 W/kg



0 dB = 2.94 W/kg = 4.68 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 23.0 °C
 Test Date: 03/11/2024

DUT: D1800V2 - SN2d015; Type: D1800V2; Serial: SN2d015

Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1800$ MHz; $\sigma = 1.425$ S/m; $\epsilon_r = 41.17$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7680; ConvF(9.1, 9.1, 9.1) @ 1800 MHz; Calibrated: 2023-05-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1225; Calibrated: 2024-02-15
- 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)

Dipole/1800MHz Head Verification/Area Scan (7x8x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 2.67 W/kg

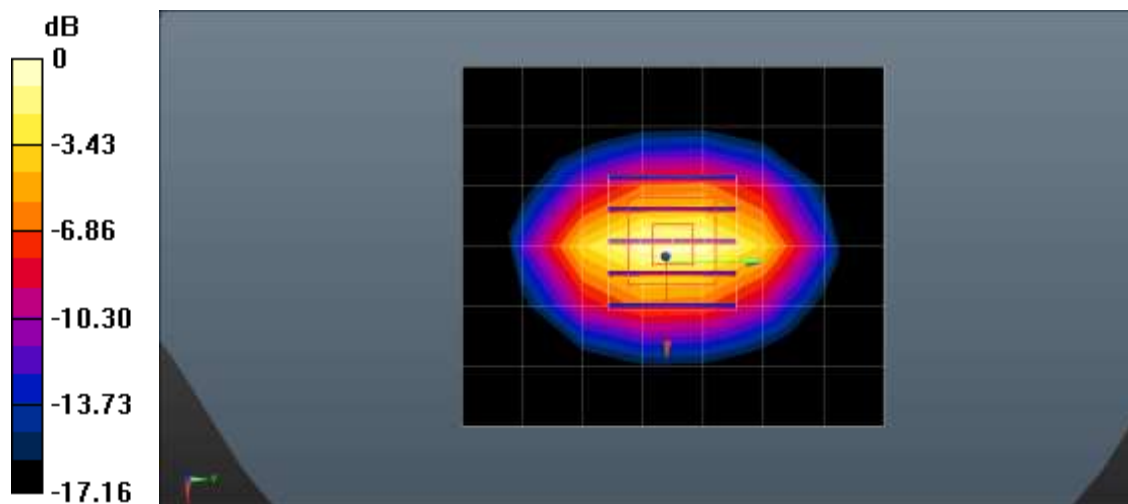
Dipole/1800MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 47.18 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 3.48 W/kg

SAR(1 g) = 1.9 W/kg; SAR(10 g) = 1.000 W/kg

Maximum value of SAR (measured) = 2.95 W/kg



0 dB = 2.95 W/kg = 4.70 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 22.5 °C
 Test Date: 04/18/2024

DUT: D1800V2 - SN2d015; Type: D1800V2; Serial: SN2d015

Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1800$ MHz; $\sigma = 1.384$ S/m; $\epsilon_r = 41.157$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7680; ConvF(9.1, 9.1, 9.1) @ 1800 MHz; Calibrated: 2023-05-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1225; Calibrated: 2024-02-15
- 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)

Dipole/1800MHz Head Verification/Area Scan (7x8x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 2.68 W/kg

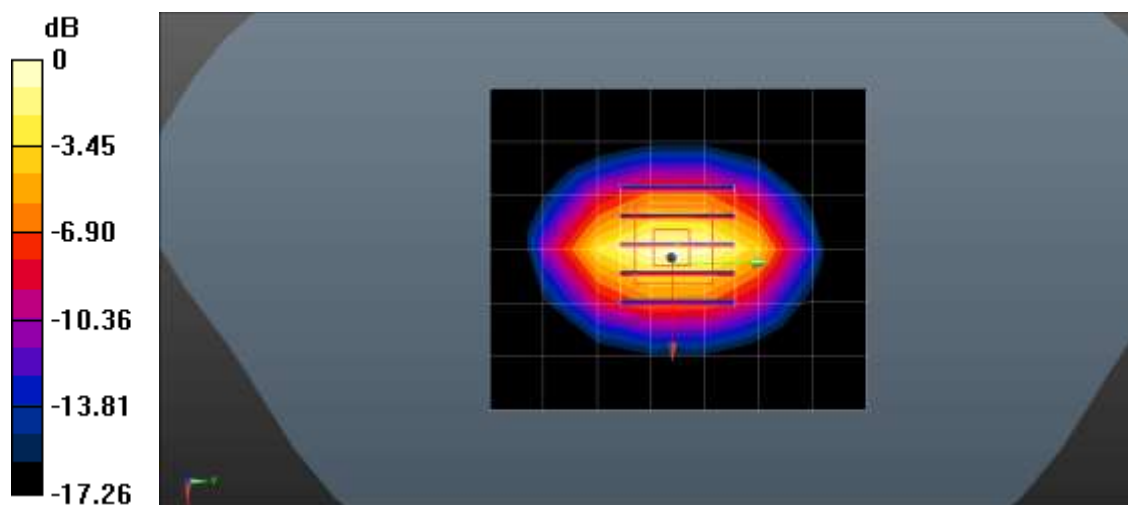
Dipole/1800MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 47.41 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.37 W/kg

SAR(1 g) = 1.85 W/kg; SAR(10 g) = 0.978 W/kg

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



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

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 22.9 °C
 Test Date: 04/19/2024

DUT: D1800V2 - SN2d015; Type: D1800V2; Serial: SN2d015

Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1800$ MHz; $\sigma = 1.404$ S/m; $\epsilon_r = 41.168$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7680; ConvF(9.1, 9.1, 9.1) @ 1800 MHz; Calibrated: 2023-05-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1225; Calibrated: 2024-02-15
- 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)

Dipole/1800MHz Head Verification/Area Scan (7x8x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 2.73 W/kg

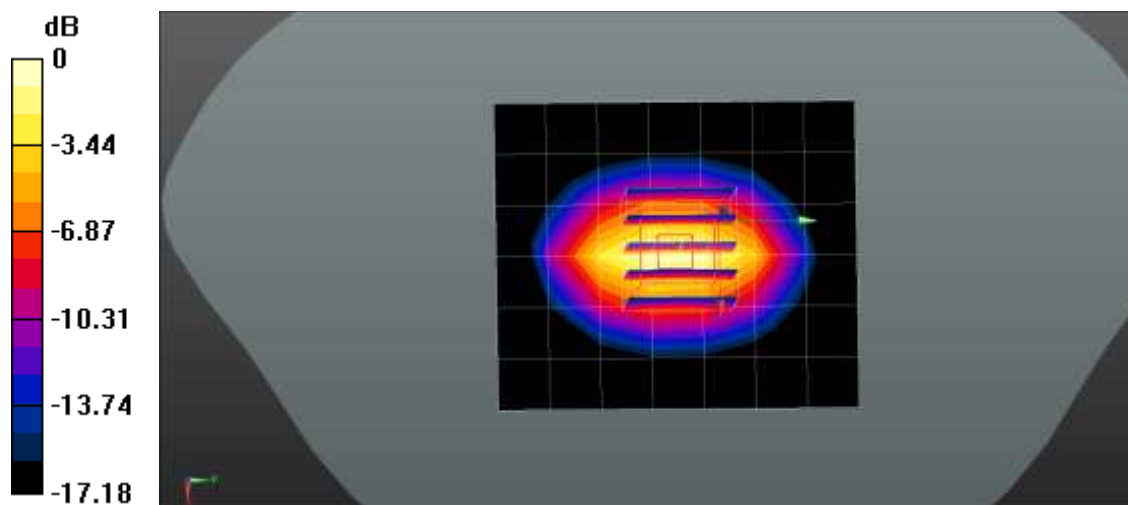
Dipole/1800MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 47.27 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 3.43 W/kg

SAR(1 g) = 1.88 W/kg; SAR(10 g) = 0.994 W/kg

Maximum value of SAR (measured) = 2.90 W/kg



0 dB = 2.90 W/kg = 4.62 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 22.2 °C
 Test Date: 04/24/2024

DUT: D1800V2 - SN2d015; Type: D1800V2; Serial: SN2d015

Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1800$ MHz; $\sigma = 1.405$ S/m; $\epsilon_r = 41.196$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7680; ConvF(9.1, 9.1, 9.1) @ 1800 MHz; Calibrated: 2023-05-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1225; Calibrated: 2024-02-15
- 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)

Dipole/1800MHz Head Verification/Area Scan (7x8x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 2.67 W/kg

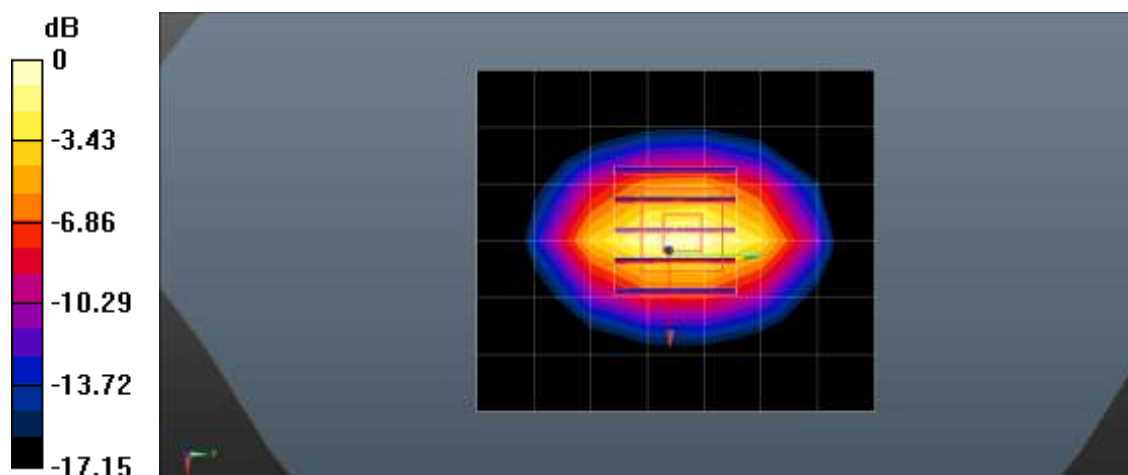
Dipole/1800MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 46.91 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 3.45 W/kg

SAR(1 g) = 1.9 W/kg; SAR(10 g) = 1.01 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: 21.2 °C
 Test Date: 03/05/2024

DUT: D1900V2 - SN5d032; Type: D1900V2; Serial: SN5d032

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.437$ S/m; $\epsilon_r = 39.202$; $\rho = 1000$ kg/m³
 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)

Dipole/1900MHz Head Verification/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 2.79 W/kg

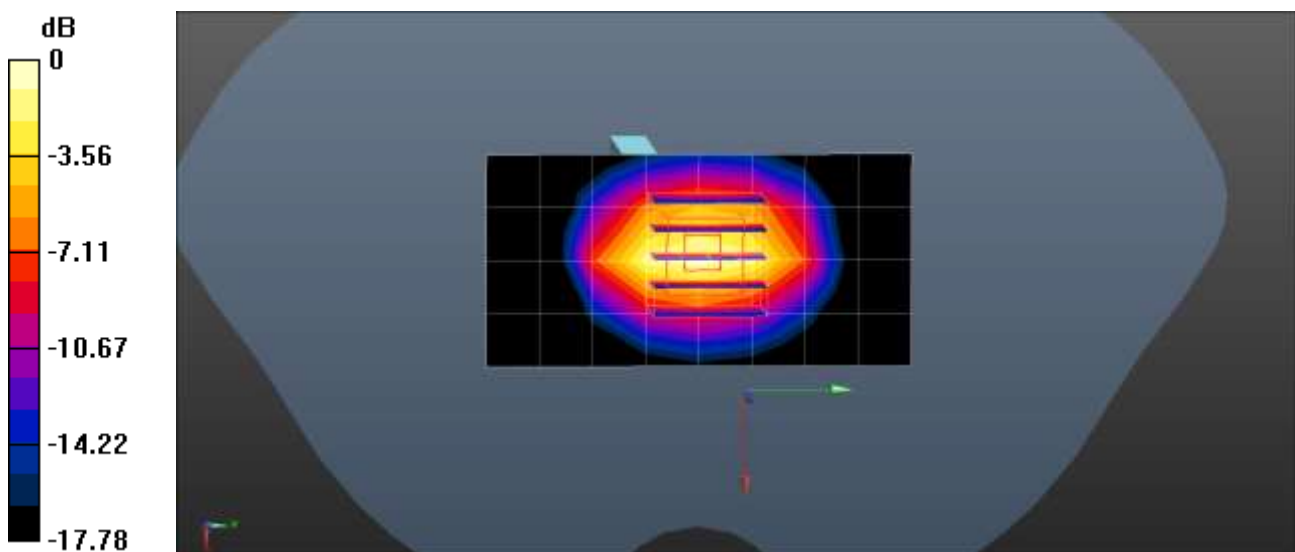
Dipole/1900MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 46.81 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 3.47 W/kg

SAR(1 g) = 1.94 W/kg; SAR(10 g) = 1.02 W/kg

Maximum value of SAR (measured) = 2.97 W/kg



0 dB = 2.97 W/kg = 4.73 dBW/kg

■ Verification Data (1 900 Mhz Head)

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 22.8 °C
 Test Date: 03/06/2024

DUT: D1900V2 - SN5d032; Type: D1900V2; Serial: SN5d032

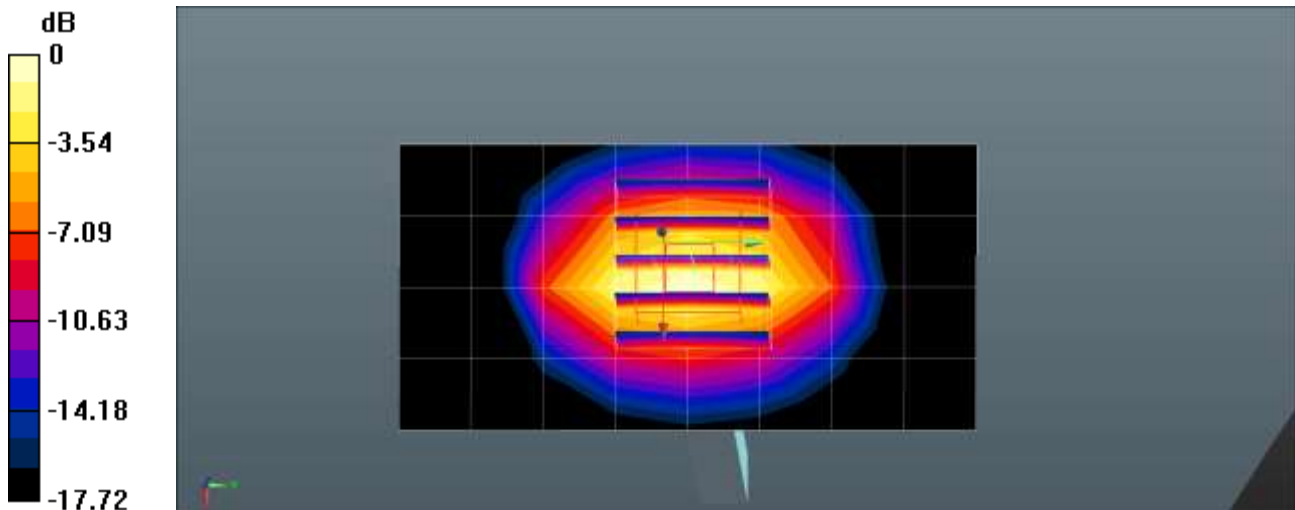
Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.434 \text{ S/m}$; $\epsilon_r = 39.618$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

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 Sn1686; Calibrated: 2023-05-23
- 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)

Dipole/1900MHz Head Verification/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 2.80 W/kg

Dipole/1900MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 46.82 V/m; Power Drift = 0.11 dB
 Peak SAR (extrapolated) = 3.44 W/kg
SAR(1 g) = 1.93 W/kg; SAR(10 g) = 1.02 W/kg
 Maximum value of SAR (measured) = 2.95 W/kg



0 dB = 2.95 W/kg = 4.70 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 18.4 °C
 Test Date: 04/11/2024

DUT: D1900V2 - SN5d032; Type: D1900V2; Serial: SN5d032

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.454$ S/m; $\epsilon_r = 39.816$; $\rho = 1000$ kg/m³
 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 Sn1686; Calibrated: 2023-05-23
- 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)

Dipole/1900MHz Head Verification/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 2.96 W/kg

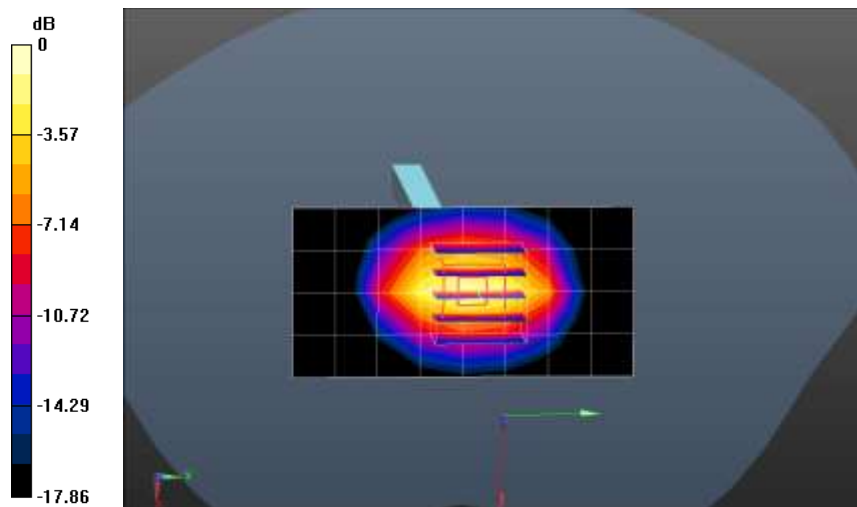
Dipole/1900MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 48.01 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 3.65 W/kg

SAR(1 g) = 2.05 W/kg; SAR(10 g) = 1.08 W/kg

Maximum value of SAR (measured) = 3.12 W/kg



0 dB = 3.12 W/kg = 4.94 dBW/kg

■ Verification Data (1 900 MHz Head)

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 22.0 °C
 Test Date: 03/29/2024

DUT: D1900V2 - SN5d032; Type: D1900V2; Serial: SN5d032

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.377$ S/m; $\epsilon_r = 38.835$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7680; ConvF(8.47, 8.47, 8.47) @ 1900 MHz; Calibrated: 2023-05-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1225; Calibrated: 2024-02-15
- 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)

Dipole/1900MHz Head Verification/Area Scan (7x8x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 2.85 W/kg

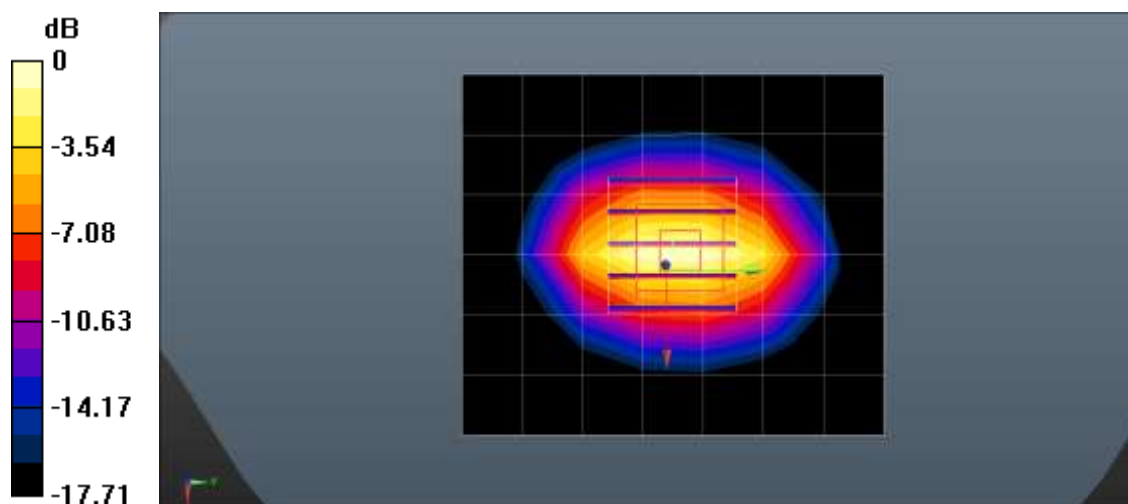
Dipole/1900MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 48.46 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.56 W/kg

SAR(1 g) = 1.96 W/kg; SAR(10 g) = 1.02 W/kg

Maximum value of SAR (measured) = 3.02 W/kg



0 dB = 3.02 W/kg = 4.80 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: 03/28/2024

DUT: D1900V2 - SN5d032; Type: D1900V2; Serial: SN5d032

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.379$ S/m; $\epsilon_r = 38.89$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7680; ConvF(8.47, 8.47, 8.47) @ 1900 MHz; Calibrated: 2023-05-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1225; Calibrated: 2024-02-15
- 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)

Dipole/1900MHz Head Verification/Area Scan (7x8x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 2.86 W/kg

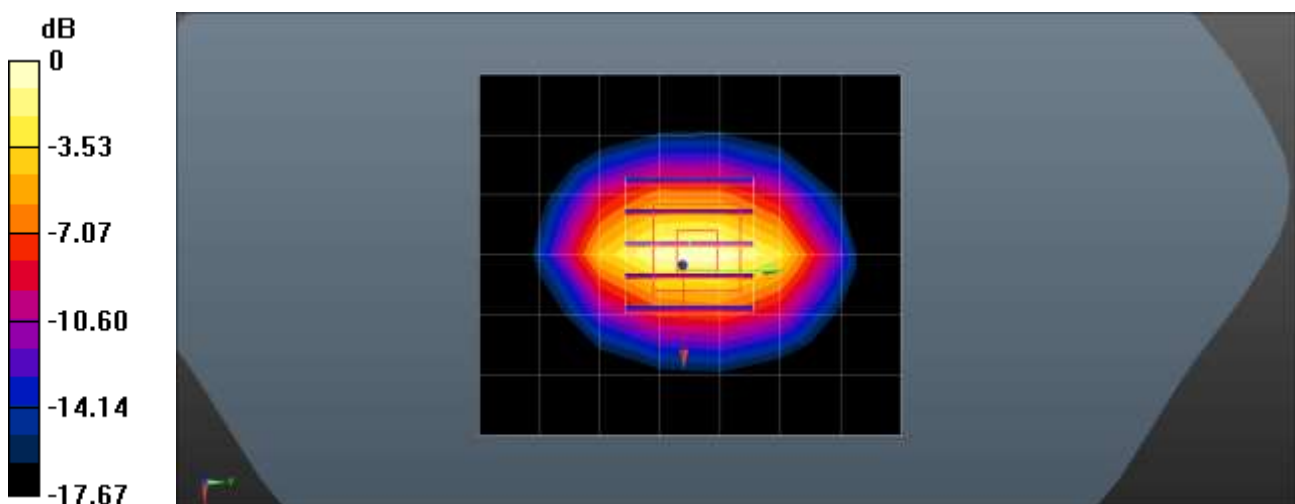
Dipole/1900MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 48.51 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 3.57 W/kg

SAR(1 g) = 1.96 W/kg; SAR(10 g) = 1.03 W/kg

Maximum value of SAR (measured) = 3.03 W/kg



0 dB = 3.03 W/kg = 4.81 dBW/kg

■ Verification Data (1 900 MHz Head)

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 22.8 °C
 Test Date: 04/07/2024

DUT: D1900V2 - SN5d032; Type: D1900V2; Serial: SN5d032

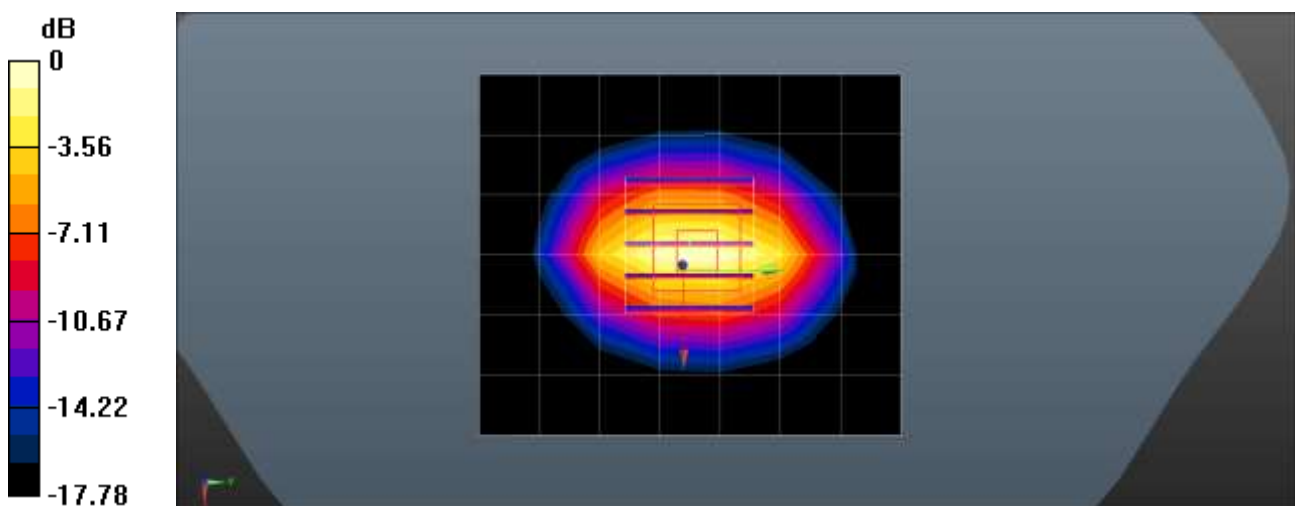
Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.392$ S/m; $\epsilon_r = 38.953$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7680; ConvF(8.47, 8.47, 8.47) @ 1900 MHz; Calibrated: 2023-05-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1225; Calibrated: 2024-02-15
- 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)

Dipole/1900MHz Head Verification/Area Scan (7x8x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 2.88 W/kg

Dipole/1900MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 48.38 V/m; Power Drift = -0.01 dB
 Peak SAR (extrapolated) = 3.60 W/kg
SAR(1 g) = 1.98 W/kg; SAR(10 g) = 1.04 W/kg
 Maximum value of SAR (measured) = 3.05 W/kg



0 dB = 3.05 W/kg = 4.84 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 23.2 °C
 Test Date: 04/08/2024

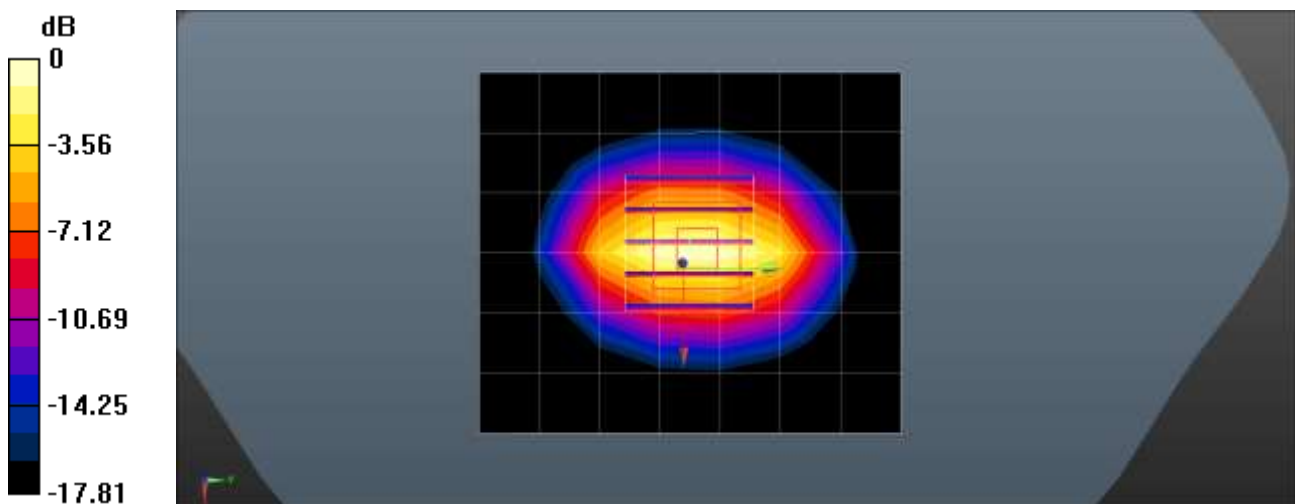
DUT: D1900V2 - SN5d032; Type: D1900V2; Serial: SN5d032

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 - SN7680; ConvF(8.47, 8.47, 8.47) @ 1900 MHz; Calibrated: 2023-05-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1225; Calibrated: 2024-02-15
- 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)

Dipole/1900MHz Head Verification/Area Scan (7x8x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 2.88 W/kg

Dipole/1900MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 48.44 V/m; Power Drift = 0.01 dB
 Peak SAR (extrapolated) = 3.62 W/kg
SAR(1 g) = 1.98 W/kg; SAR(10 g) = 1.03 W/kg
 Maximum value of SAR (measured) = 3.06 W/kg



0 dB = 3.06 W/kg = 4.86 dBW/kg

■ Verification Data (2 300 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 23.1 °C
Test Date: 04/03/2024

DUT: Dipole 2300 MHz D2300V2; Type: D2300V3; Serial: D2300V3 - SN:1010

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(8.09, 8.02, 8.69) @ 2300 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)

Dipole/2300MHz Head Verification/Area Scan (6x8x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 3.85 W/kg

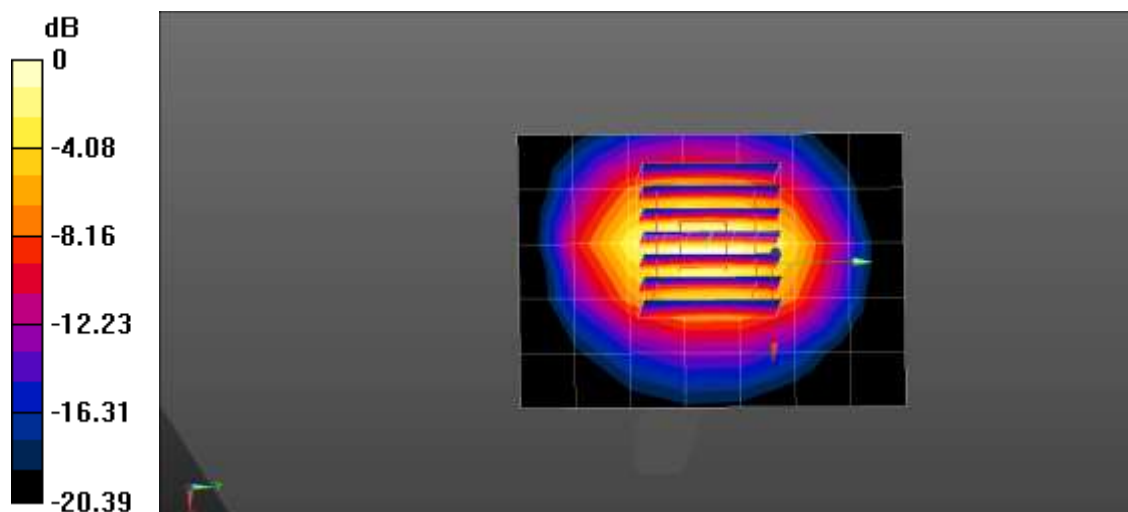
Dipole/2300MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 45.35 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 4.77 W/kg

SAR(1 g) = 2.53 W/kg; SAR(10 g) = 1.22 W/kg

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



0 dB = 4.04 W/kg = 6.06 dBW/kg

■ **Verification Data (2 300 MHz Head)**

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 23.8 °C
 Test Date: 04/04/2024

DUT: Dipole 2300 MHz D2300V2; Type: D2300V3; Serial: D2300V3 - SN:1010

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(8.09, 8.02, 8.69) @ 2300 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)

Dipole/2300MHz Head Verification/Area Scan (6x8x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 3.83 W/kg

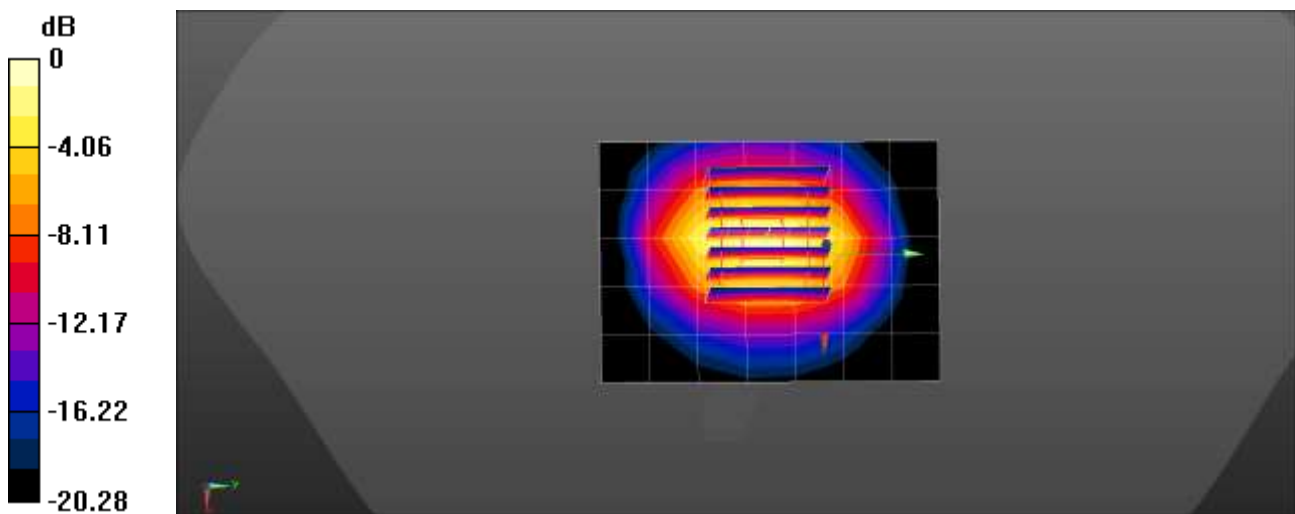
Dipole/2300MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 45.45 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 4.79 W/kg

SAR(1 g) = 2.52 W/kg; SAR(10 g) = 1.22 W/kg

Maximum value of SAR (measured) = 4.05 W/kg



0 dB = 4.05 W/kg = 6.07 dBW/kg

■ Verification Data (2 300 Mhz Head)

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 21.7 °C
 Test Date: 04/08/2024

DUT: Dipole 2300 MHz D2300V2; Type: D2300V3; Serial: D2300V3 - SN:1010
 Communication System: UID 0, CW (0); Frequency: 2300 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2300$ MHz; $\sigma = 1.718$ S/m; $\epsilon_r = 39.3$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(8.09, 8.02, 8.69) @ 2300 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)

Dipole/2300MHz Head Verification/Area Scan (6x8x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 3.85 W/kg

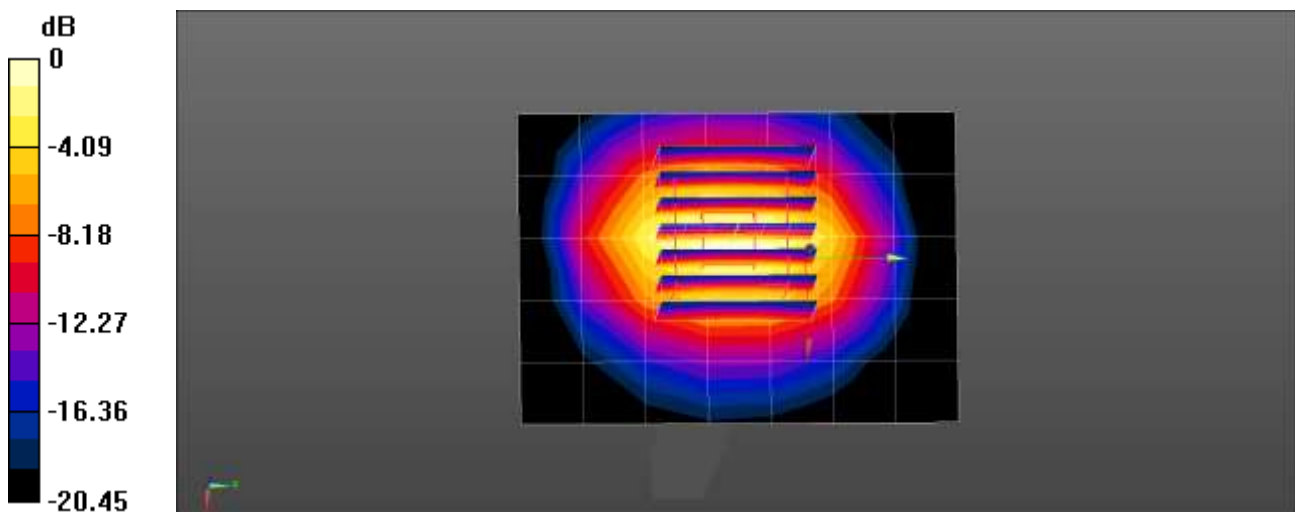
Dipole/2300MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 45.22 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 4.78 W/kg

SAR(1 g) = 2.52 W/kg; SAR(10 g) = 1.21 W/kg

Maximum value of SAR (measured) = 4.03 W/kg



0 dB = 4.03 W/kg = 6.05 dBW/kg

■ Verification Data (2 300 MHz Head)

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 22.1 °C
 Test Date: 04/09/2024

DUT: Dipole 2300 MHz D2300V2; Type: D2300V3; Serial: D2300V3 - SN:1010

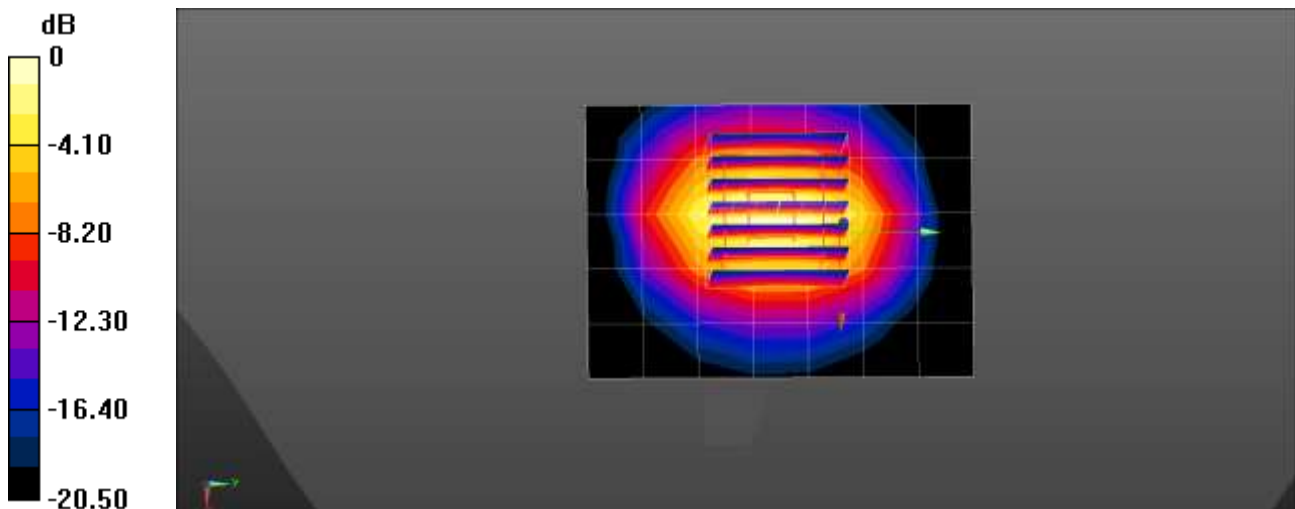
Communication System: UID 0, CW (0); Frequency: 2300 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2300$ MHz; $\sigma = 1.718$ S/m; $\epsilon_r = 39.304$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(8.09, 8.02, 8.69) @ 2300 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)

Dipole/2300MHz Head Verification/Area Scan (6x8x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 3.85 W/kg

Dipole/2300MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 45.26 V/m; Power Drift = 0.11 dB
 Peak SAR (extrapolated) = 4.78 W/kg
SAR(1 g) = 2.52 W/kg; SAR(10 g) = 1.21 W/kg
 Maximum value of SAR (measured) = 4.04 W/kg



0 dB = 4.04 W/kg = 6.06 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 21.3 °C
 Test Date: 03/04/2024

DUT: Dipole 2450 MHz D2450V2; Type: D2450V2; Serial: D2450V2 - SN:1049

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.838$ S/m; $\epsilon_r = 39.196$; $\rho = 1000$ kg/m³
 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)

Dipole/2450MHz Head Verification/Area Scan (6x8x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 3.42 W/kg

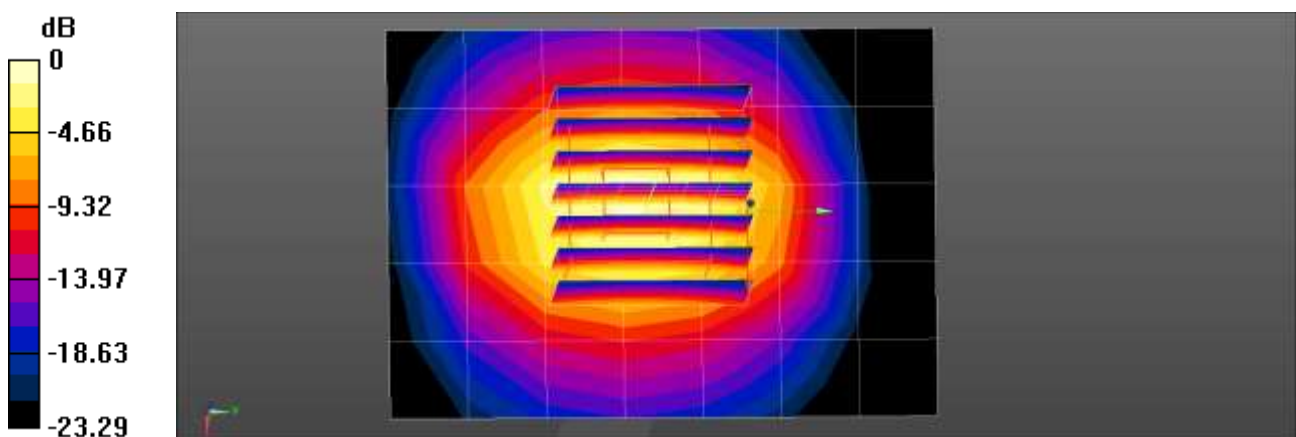
Dipole/2450MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 45.01 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 4.88 W/kg

SAR(1 g) = 2.4 W/kg; SAR(10 g) = 1.11 W/kg

Maximum value of SAR (measured) = 3.96 W/kg



0 dB = 3.96 W/kg = 5.98 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 21.7 °C
 Test Date: 03/05/2024

DUT: Dipole 2450 MHz D2450V2; Type: D2450V2; Serial: D2450V2 - SN:1049

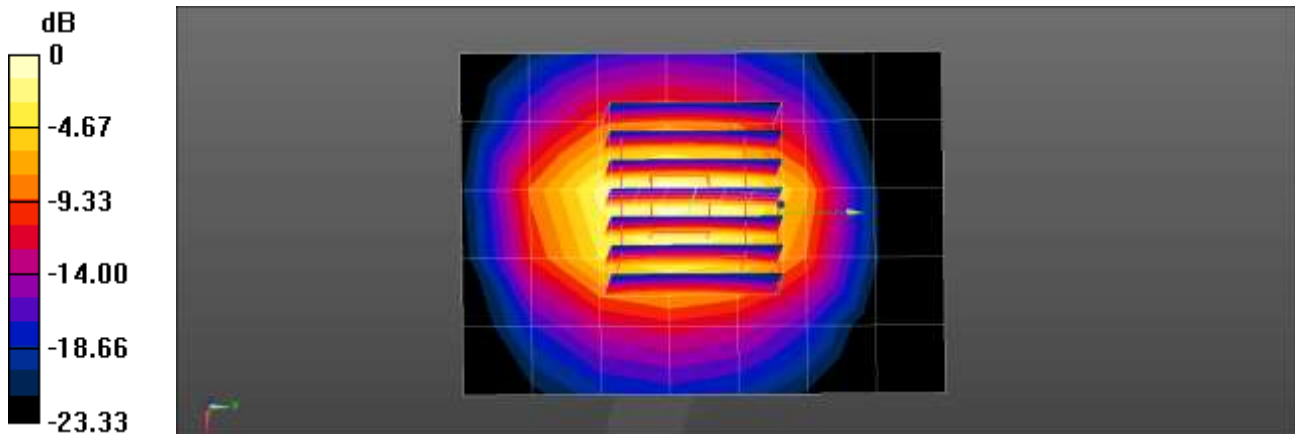
Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.838$ S/m; $\epsilon_r = 39.205$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

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)

Dipole/2450MHz Head Verification/Area Scan (6x8x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 3.92 W/kg

Dipole/2450MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 47.31 V/m; Power Drift = 0.08 dB
 Peak SAR (extrapolated) = 5.53 W/kg
SAR(1 g) = 2.69 W/kg; SAR(10 g) = 1.23 W/kg
 Maximum value of SAR (measured) = 4.48 W/kg



0 dB = 4.48 W/kg = 6.51 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 20.9 °C
 Test Date: 03/06/2024

DUT: Dipole 2450 MHz D2450V2; Type: D2450V2; Serial: D2450V2 - SN:1049

Communication System: UID 0, CW (0); Frequency: 2450 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.838$ S/m; $\epsilon_r = 39.203$; $\rho = 1000$ kg/m³
 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)

Dipole/2450MHz Head Verification/Area Scan (6x8x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 3.54 W/kg

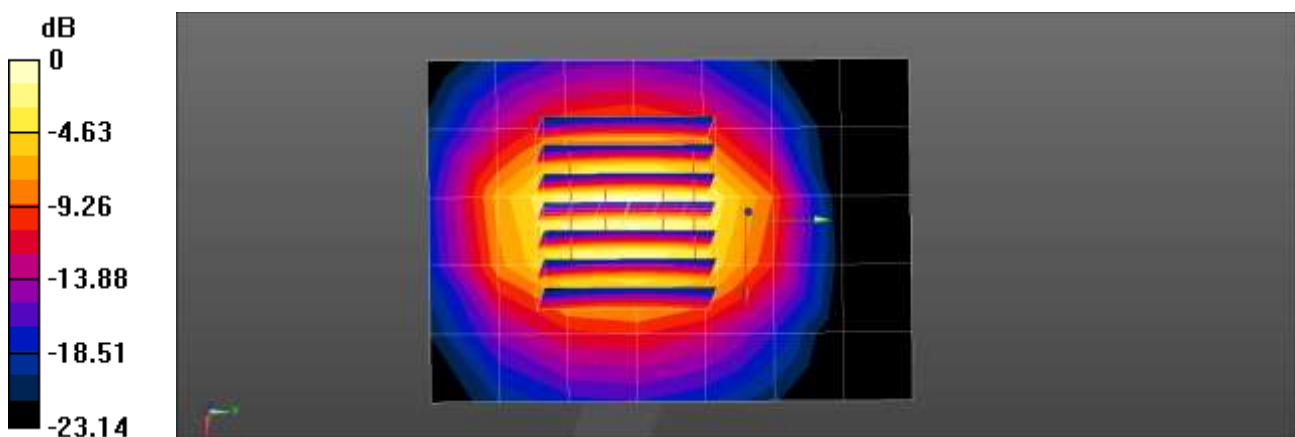
Dipole/2450MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 43.47 V/m; Power Drift = 0.04 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) = 4.17 W/kg



0 dB = 4.17 W/kg = 6.20 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 20.6 °C
 Test Date: 03/07/2024

DUT: Dipole 2450 MHz D2450V2; Type: D2450V2; Serial: D2450V2 - SN:1049

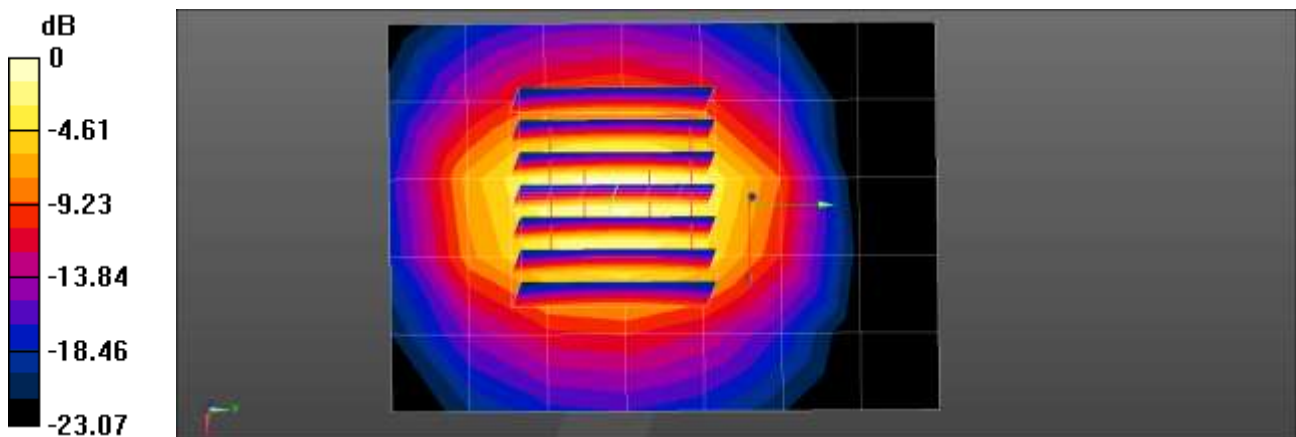
Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2450$ MHz; $\sigma = 1.838$ S/m; $\epsilon_r = 39.201$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

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)

Dipole/2450MHz Head Verification/Area Scan (6x8x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 3.56 W/kg

Dipole/2450MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 43.50 V/m; Power Drift = 0.08 dB
 Peak SAR (extrapolated) = 5.12 W/kg
SAR(1 g) = 2.49 W/kg; SAR(10 g) = 1.15 W/kg
 Maximum value of SAR (measured) = 4.15 W/kg



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

■ Verification Data (2 600 Mhz Head)

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 22.3 °C
Test Date: 04/01/2024

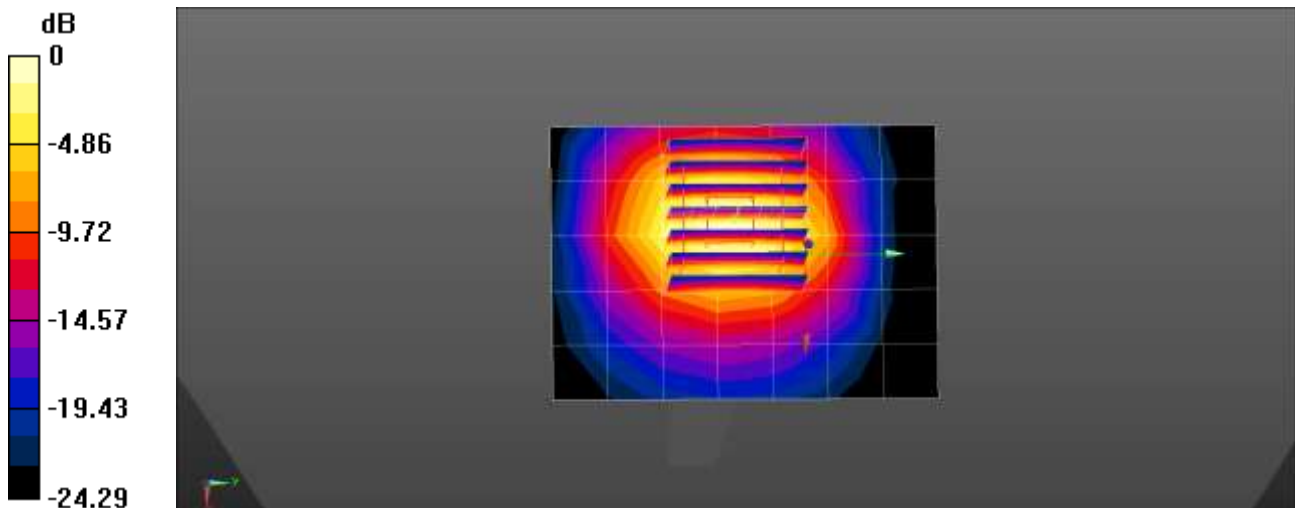
DUT: Dipole 2600 MHz D2600V2; Type: D2600V2; Serial: D2600V2 - SN:1106
Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2600$ MHz; $\sigma = 1.986$ S/m; $\epsilon_r = 38.598$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(7.92, 7.86, 8.5) @ 2600 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)

Dipole/2600MHz Head Verification/Area Scan (6x8x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 4.23 W/kg

Dipole/2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 35.79 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 5.51 W/kg
SAR(1 g) = 2.63 W/kg; SAR(10 g) = 1.17 W/kg
Maximum value of SAR (measured) = 4.48 W/kg



0 dB = 4.48 W/kg = 6.51 dBW/kg

■ Verification Data (2 600 Mhz Head)

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 24.0 °C
Test Date: 04/02/2024

DUT: Dipole 2600 MHz D2600V2; Type: D2600V2; Serial: D2600V2 - SN:1106

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2600$ MHz; $\sigma = 1.986$ S/m; $\epsilon_r = 38.586$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(7.92, 7.86, 8.5) @ 2600 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)

Dipole/2600MHz Head Verification/Area Scan (6x8x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 4.23 W/kg

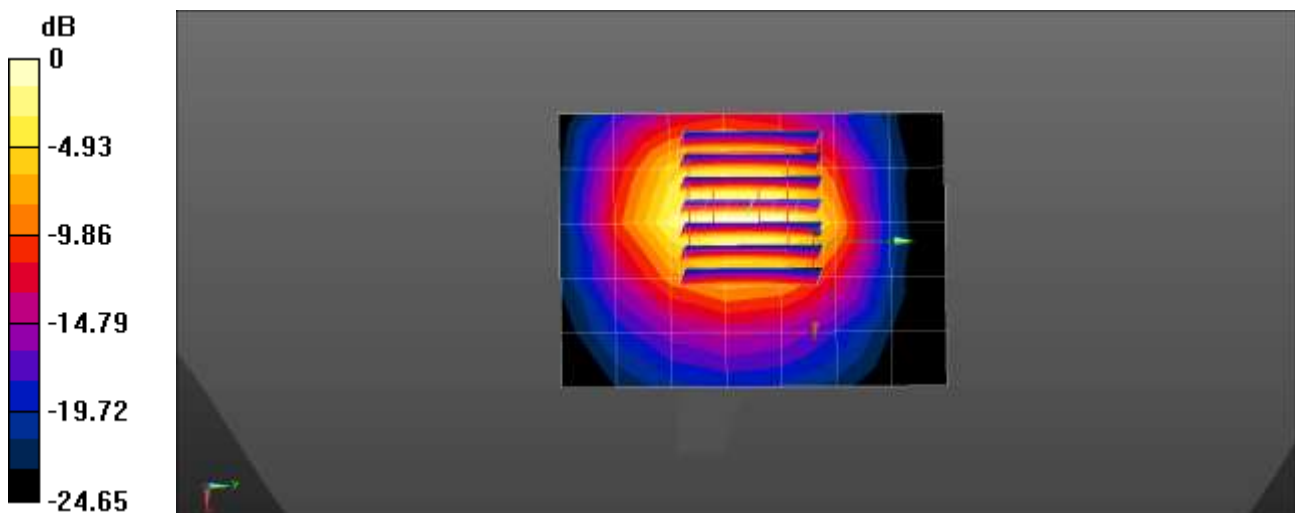
Dipole/2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 35.76 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 5.51 W/kg

SAR(1 g) = 2.64 W/kg; SAR(10 g) = 1.18 W/kg

Maximum value of SAR (measured) = 4.40 W/kg



0 dB = 4.40 W/kg = 6.43 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 21.3 °C
 Test Date: 04/06/2024

DUT: Dipole 2600 MHz D2600V2; Type: D2600V2; Serial: D2600V2 - SN:1106

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2600$ MHz; $\sigma = 1.985$ S/m; $\epsilon_r = 38.586$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(7.92, 7.86, 8.5) @ 2600 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)

Dipole/2600MHz Head Verification/Area Scan (6x8x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 4.22 W/kg

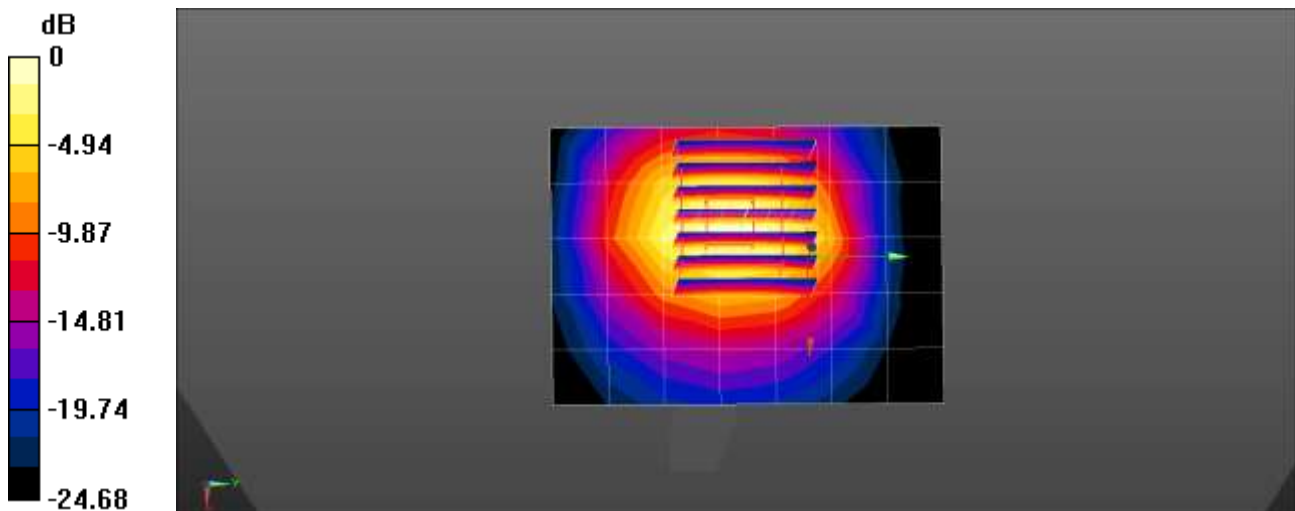
Dipole/2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 35.67 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 5.49 W/kg

SAR(1 g) = 2.62 W/kg; SAR(10 g) = 1.17 W/kg

Maximum value of SAR (measured) = 4.39 W/kg



0 dB = 4.39 W/kg = 6.42 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: 04/07/2024

DUT: Dipole 2600 MHz D2600V2; Type: D2600V2; Serial: D2600V2 - SN:1106

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2600$ MHz; $\sigma = 1.986$ S/m; $\epsilon_r = 38.585$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(7.92, 7.86, 8.5) @ 2600 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)

Dipole/2600MHz Head Verification/Area Scan (6x8x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 4.23 W/kg

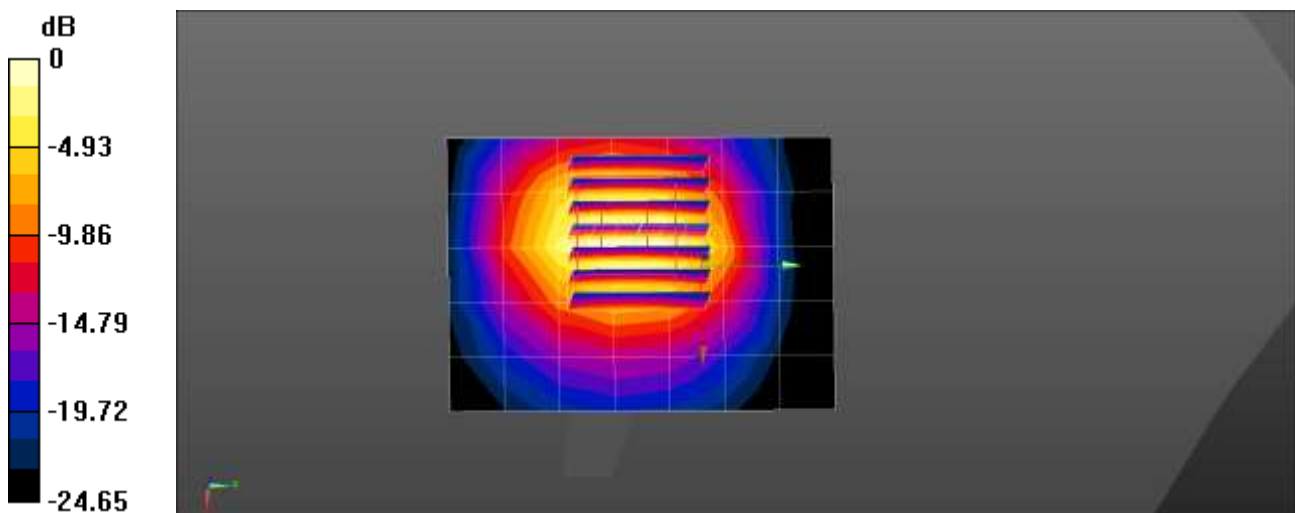
Dipole/2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 35.87 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 5.51 W/kg

SAR(1 g) = 2.63 W/kg; SAR(10 g) = 1.17 W/kg

Maximum value of SAR (measured) = 4.41 W/kg



0 dB = 4.41 W/kg = 6.44 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 20.0 °C
 Test Date: 02/28/2024

DUT: Dipole 2600 MHz D2600V2; Type: D2600V2; Serial: D2600V2 - SN:1106

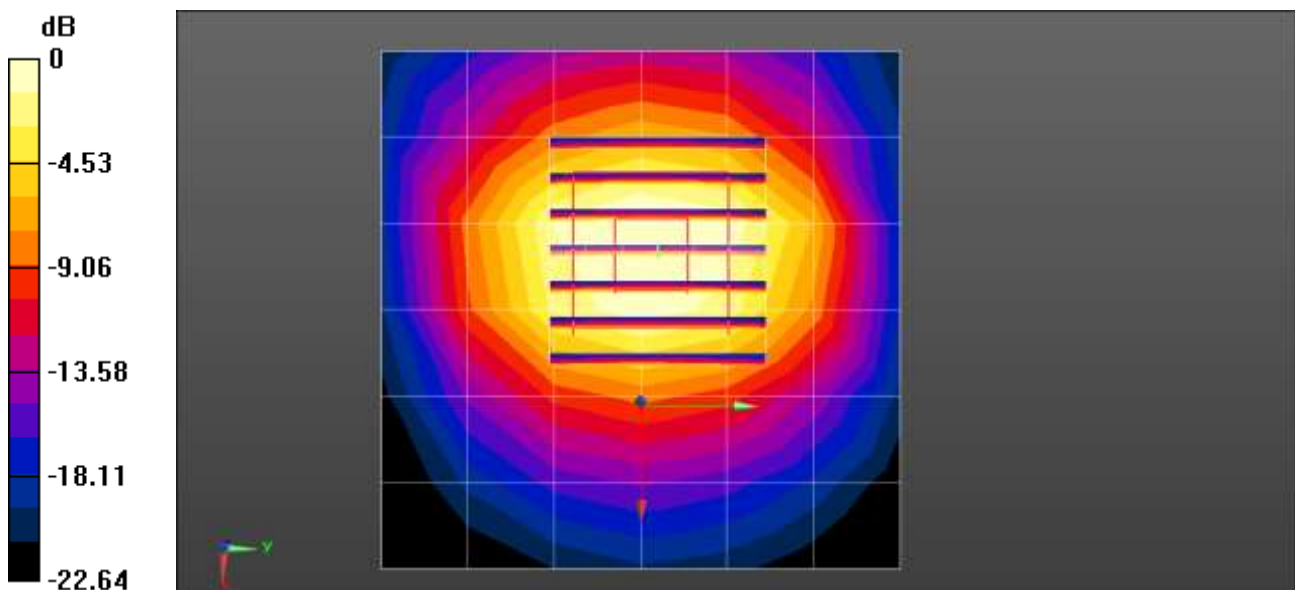
Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.008$ S/m; $\epsilon_r = 39.139$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

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), 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) = 3.69 W/kg

2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 38.25 V/m; Power Drift = 0.02 dB
 Peak SAR (extrapolated) = 5.71 W/kg
SAR(1 g) = 2.59 W/kg; SAR(10 g) = 1.15 W/kg
 Maximum value of SAR (measured) = 2.96 W/kg



0 dB = 2.96 W/kg = 4.71 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 19.8 °C
 Test Date: 02/29/2024

DUT: Dipole 2600 MHz D2600V2; Type: D2600V2; Serial: D2600V2 - SN:1106

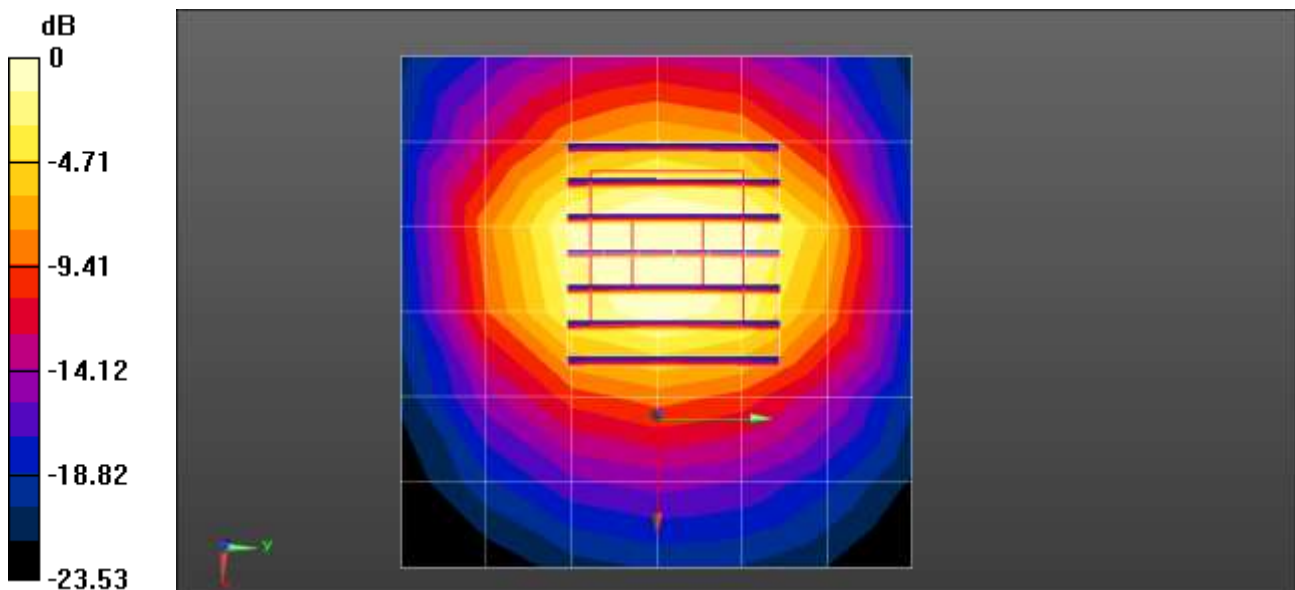
Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.008$ S/m; $\epsilon_r = 39.135$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

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), 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) = 3.80 W/kg

2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 37.07 V/m; Power Drift = 0.05 dB
 Peak SAR (extrapolated) = 5.67 W/kg
SAR(1 g) = 2.6 W/kg; SAR(10 g) = 1.16 W/kg
 Maximum value of SAR (measured) = 2.96 W/kg



0 dB = 2.96 W/kg = 4.71 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 21.5 °C
 Test Date: 04/22/2024

DUT: Dipole 2600 MHz D2600V2; Type: D2600V2; Serial: D2600V2 - SN:1106

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.007$ S/m; $\epsilon_r = 39.139$; $\rho = 1000$ 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), 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)

Dipole/2600MHz Head Verification/Area Scan (7x7x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 3.68 W/kg

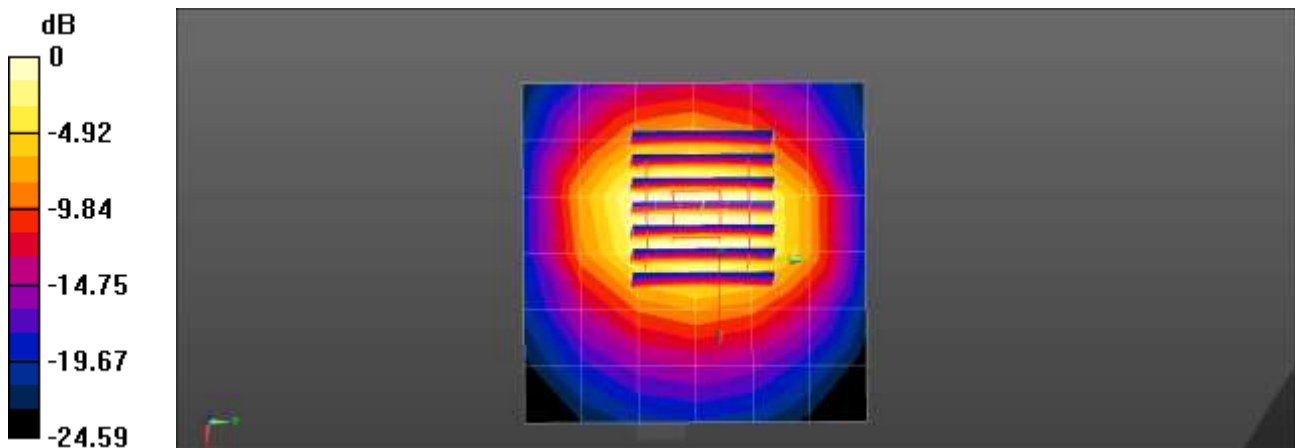
Dipole/2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 40.64 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 5.84 W/kg

SAR(1 g) = 2.65 W/kg; SAR(10 g) = 1.18 W/kg

Maximum value of SAR (measured) = 3.02 W/kg



0 dB = 3.02 W/kg = 4.80 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: 04/23/2024

DUT: Dipole 2600 MHz D2600V2; Type: D2600V2; Serial: D2600V2 - SN:1106

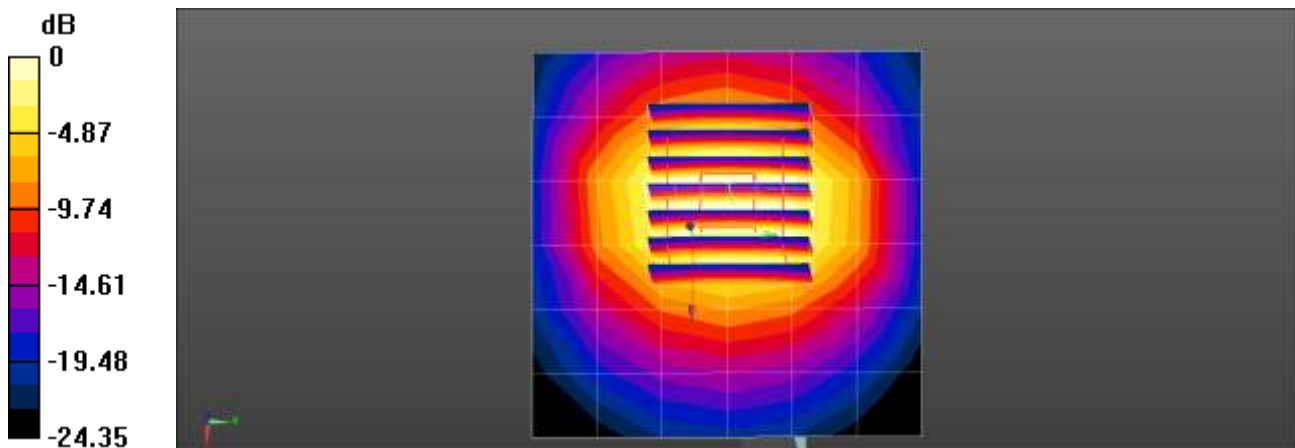
Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.007$ S/m; $\epsilon_r = 39.142$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

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), 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)

Dipole/2600MHz Head Verification/Area Scan (7x7x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 3.58 W/kg

Dipole/2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 41.10 V/m; Power Drift = 0.10 dB
 Peak SAR (extrapolated) = 5.80 W/kg
SAR(1 g) = 2.65 W/kg; SAR(10 g) = 1.18 W/kg
 Maximum value of SAR (measured) = 3.01 W/kg



0 dB = 3.01 W/kg = 4.79 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 19.2 °C
 Test Date: 03/12/2024

DUT: Dipole 3500 MHz D3500V2; Type: D3500V2; Serial: D3500V2 - SN:1132

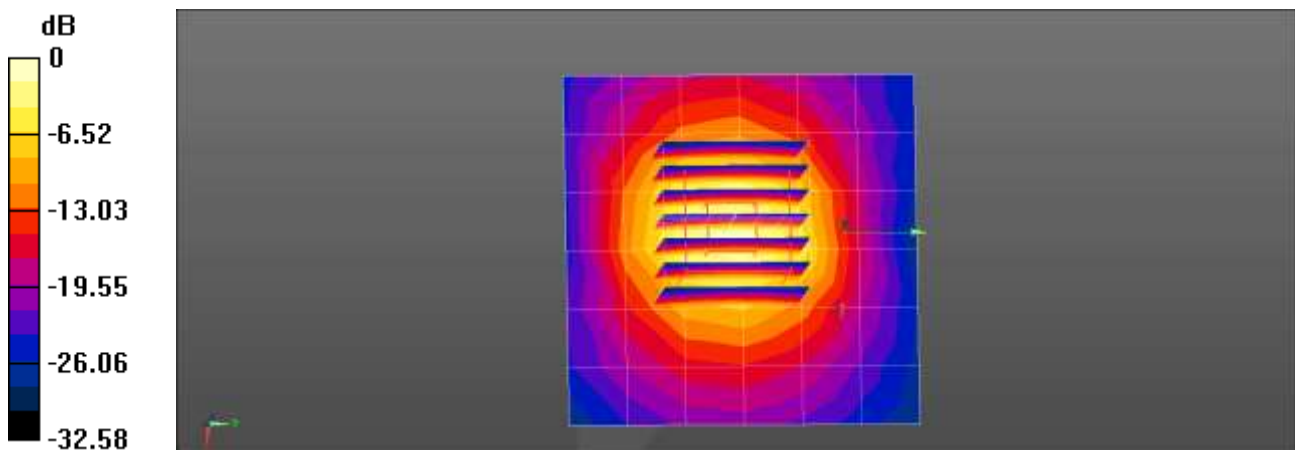
Communication System: UID 0, CW (0); Frequency: 3500 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 3500$ MHz; $\sigma = 2.914$ S/m; $\epsilon_r = 37.938$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

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)

Dipole/3500MHz Head Verification/Area Scan (7x7x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 5.15 W/kg

Dipole/3500MHz Head Verification/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm
 Reference Value = 45.11 V/m; Power Drift = 0.02 dB
 Peak SAR (extrapolated) = 8.46 W/kg
SAR(1 g) = 3.1 W/kg; SAR(10 g) = 1.16 W/kg
 Maximum value of SAR (measured) = 6.15 W/kg



0 dB = 6.15 W/kg = 7.89 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 19.3 °C
 Test Date: 03/13/2024

DUT: Dipole 3500 MHz D3500V2; Type: D3500V2; Serial: D3500V2 - SN:1132

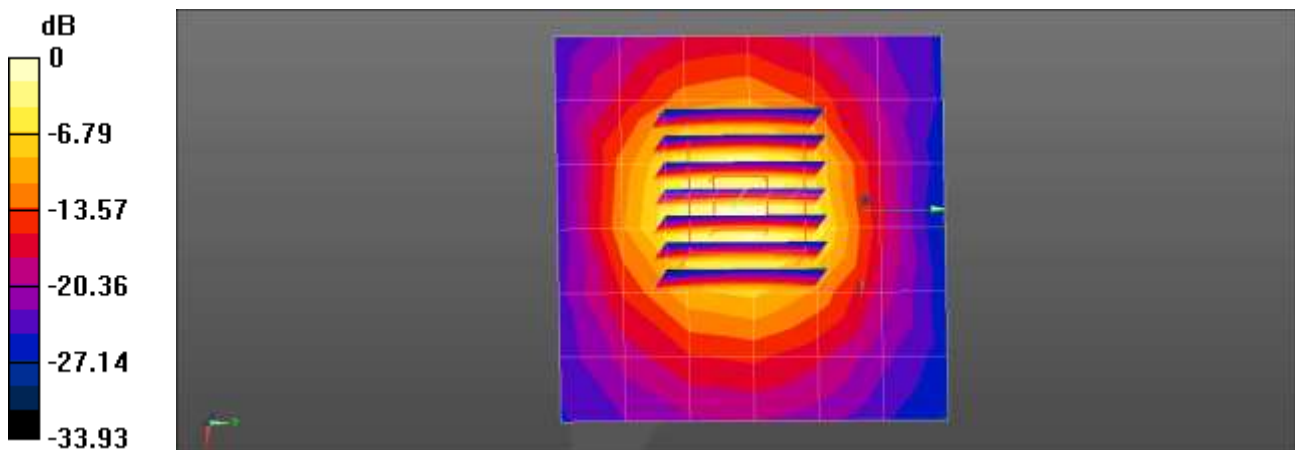
Communication System: UID 0, CW (0); Frequency: 3500 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 3500$ MHz; $\sigma = 2.916$ S/m; $\epsilon_r = 37.944$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

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)

Dipole/3500MHz Head Verification/Area Scan (7x7x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 5.13 W/kg

Dipole/3500MHz Head Verification/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm
 Reference Value = 44.75 V/m; Power Drift = 0.14 dB
 Peak SAR (extrapolated) = 8.46 W/kg
SAR(1 g) = 3.11 W/kg; SAR(10 g) = 1.16 W/kg
 Maximum value of SAR (measured) = 6.17 W/kg



0 dB = 6.17 W/kg = 7.90 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 19.2 °C
 Test Date: 03/12/2024

DUT: Dipole 3700 MHz D3700V2; Type: D3700V2; Serial: D3700V2 - SN:1105

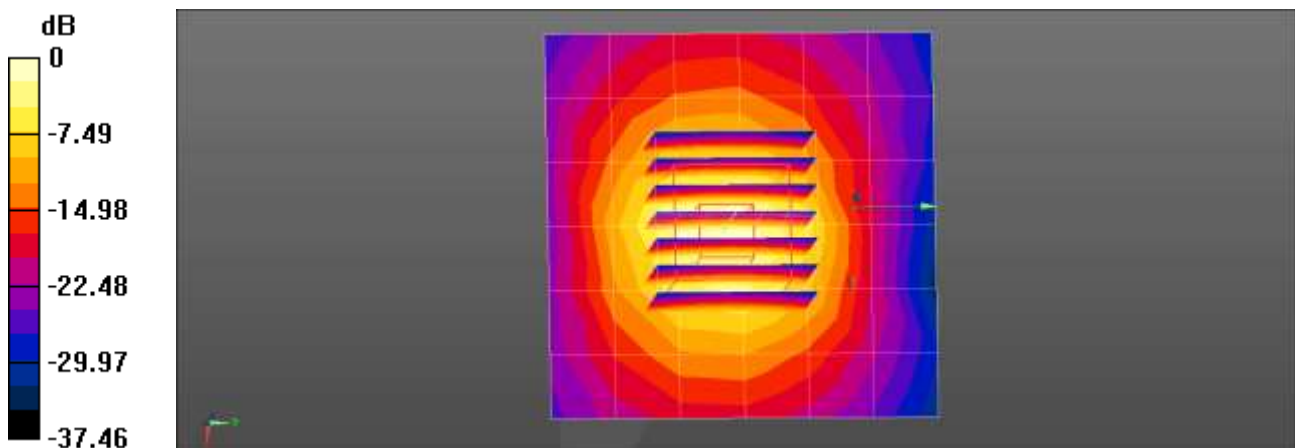
Communication System: UID 0, CW (0); Frequency: 3700 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 3700 \text{ MHz}$; $\sigma = 3.085 \text{ S/m}$; $\epsilon_r = 37.709$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

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)

Dipole/3700MHz Head Verification/Area Scan (7x7x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
 Maximum value of SAR (measured) = 5.91 W/kg

Dipole/3700MHz Head Verification/Zoom Scan (7x7x8)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=4\text{mm}$
 Reference Value = 46.88 V/m; Power Drift = -0.05 dB
 Peak SAR (extrapolated) = 9.21 W/kg
SAR(1 g) = 3.24 W/kg; SAR(10 g) = 1.19 W/kg
 Maximum value of SAR (measured) = 6.61 W/kg



0 dB = 6.61 W/kg = 8.20 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 19.3 °C
 Test Date: 03/13/2024

DUT: Dipole 3700 MHz D3700V2; Type: D3700V2; Serial: D3700V2 - SN:1105

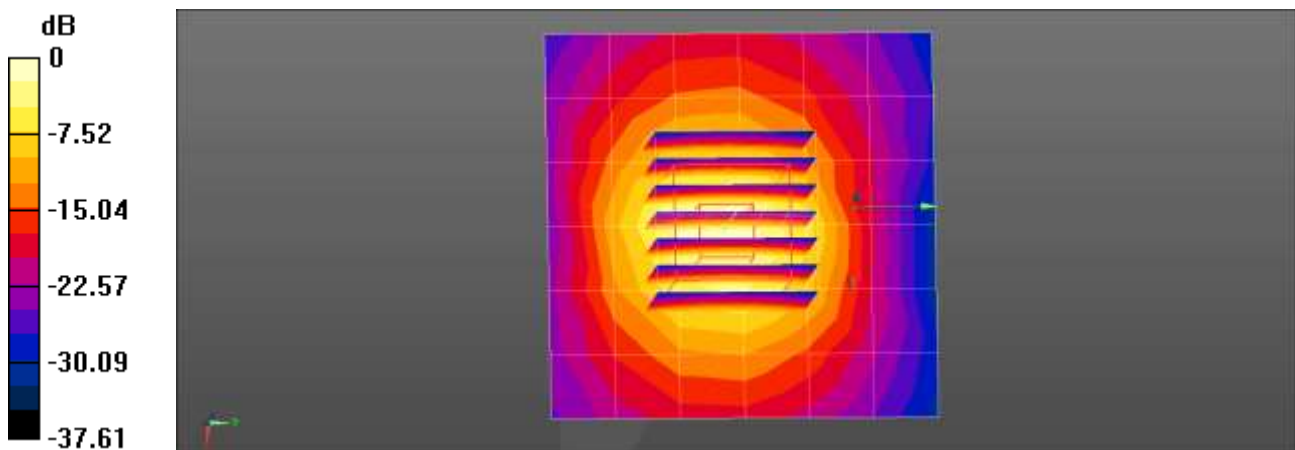
Communication System: UID 0, CW (0); Frequency: 3700 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 3700$ MHz; $\sigma = 3.087$ S/m; $\epsilon_r = 37.727$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

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)

Dipole/3700MHz Head Verification/Area Scan (7x7x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 5.87 W/kg

Dipole/3700MHz Head Verification/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm
 Reference Value = 46.52 V/m; Power Drift = -0.05 dB
 Peak SAR (extrapolated) = 9.19 W/kg
SAR(1 g) = 3.26 W/kg; SAR(10 g) = 1.2 W/kg
 Maximum value of SAR (measured) = 6.61 W/kg



0 dB = 6.61 W/kg = 8.20 dBW/kg

■ Verification Data (5 250 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 19.8 °C
Test Date: 02/28/2024

DUT: Dipole 5GHz; Type: D5000V2; Serial: D5000V2 - SN:1317

Communication System: UID 0, CW (0); Frequency: 5250 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5250$ MHz; $\sigma = 4.631$ S/m; $\epsilon_r = 36.471$; $\rho = 1000$ kg/m³
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)

Dipole/5250MHz Head Verification/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 9.39 W/kg

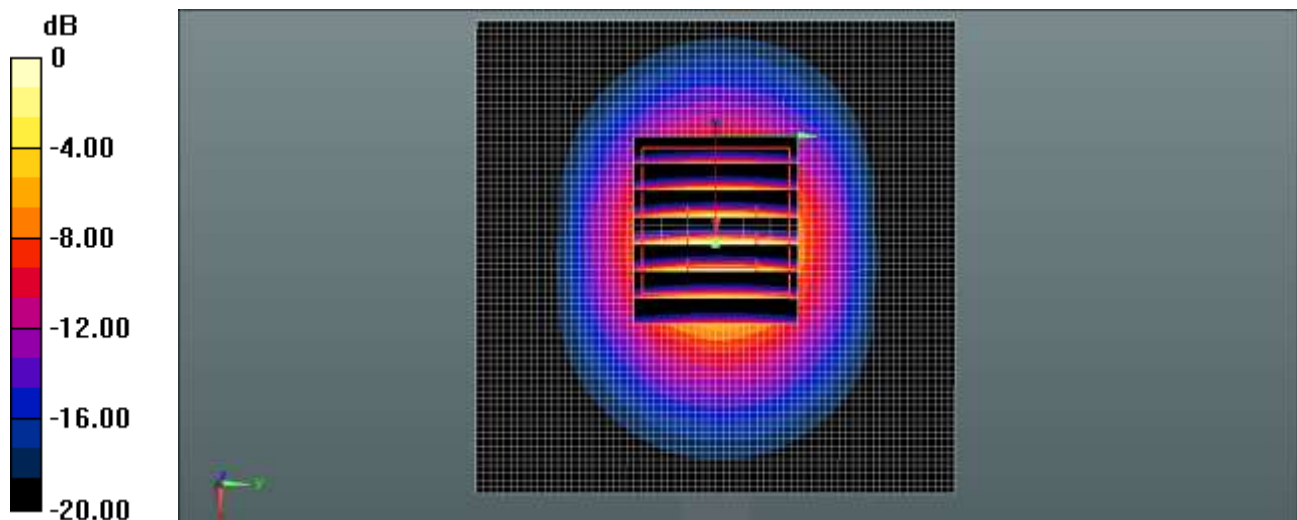
Dipole/5250MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 49.92 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 16.3 W/kg

SAR(1 g) = 3.83 W/kg; SAR(10 g) = 1.11 W/kg

Maximum value of SAR (measured) = 9.63 W/kg



0 dB = 9.63 W/kg = 9.84 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 21.2 °C
 Test Date: 03/04/2024

DUT: Dipole 5GHz; Type: D5000V2; Serial: D5000V2 - SN:1317

Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5600$ MHz; $\sigma = 4.927$ S/m; $\epsilon_r = 36.11$; $\rho = 1000$ 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)

Dipole/5600MHz Head Verification/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 9.73 W/kg

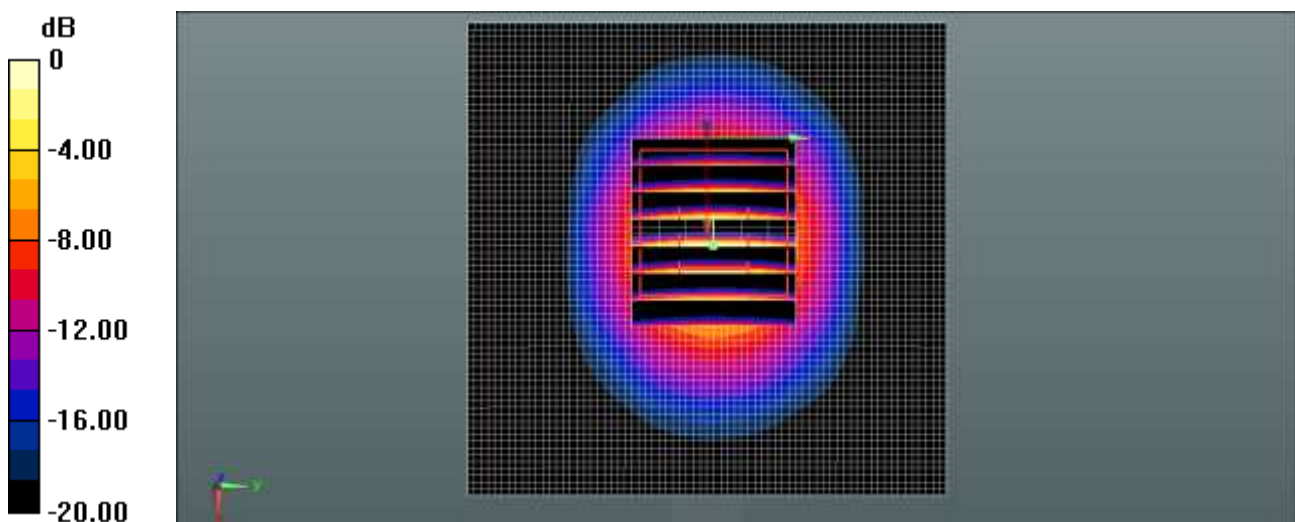
Dipole/5600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 48.51 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 17.8 W/kg

SAR(1 g) = 3.86 W/kg; SAR(10 g) = 1.09 W/kg

Maximum value of SAR (measured) = 10.3 W/kg



0 dB = 10.3 W/kg = 10.13 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 20.3 °C
 Test Date: 03/06/2024

DUT: Dipole 5GHz; Type: D5000V2; Serial: D5000V2 - SN:1317

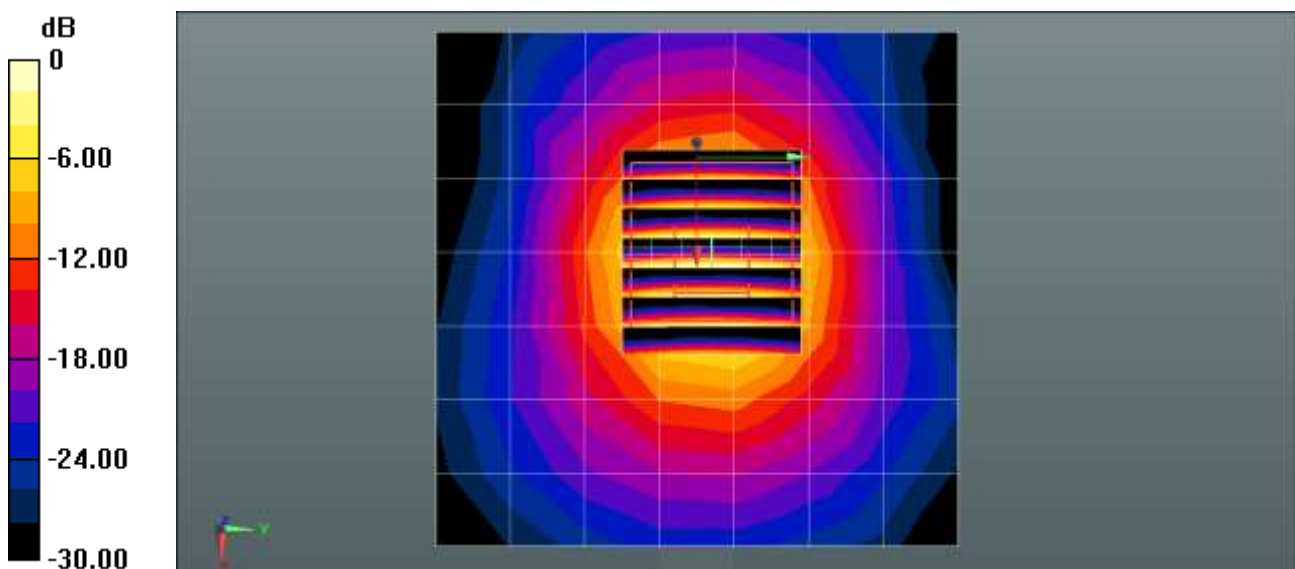
Communication System: UID 0, CW (0); Frequency: 5750 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5750 \text{ MHz}$; $\sigma = 5.173 \text{ S/m}$; $\epsilon_r = 36.065$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

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)

Dipole/5750MHz Head Verification/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 8.19 W/kg

Dipole/5750MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
 Reference Value = 46.07 V/m; Power Drift = 0.14 dB
 Peak SAR (extrapolated) = 18.9 W/kg
SAR(1 g) = 3.78 W/kg; SAR(10 g) = 1.08 W/kg
 Maximum value of SAR (measured) = 10.1 W/kg



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

■ **Verification Data (5 800 Mhz Head)**

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 19.7 °C
 Test Date: 03/08/2024

DUT: Dipole 5GHz; Type: D5000V2; Serial: D5000V2 - SN:1317

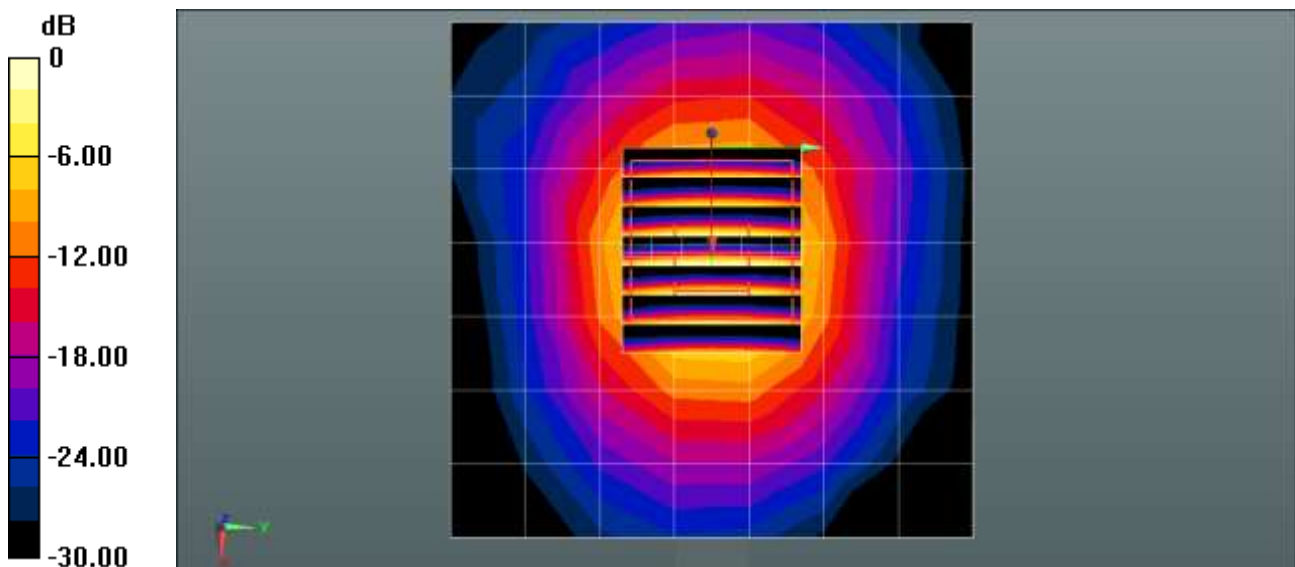
Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5800 \text{ MHz}$; $\sigma = 5.215 \text{ S/m}$; $\epsilon_r = 36.076$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7751; ConvF(4.66, 4.66, 4.66) @ 5800 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)

Dipole/5800MHz Head Verification/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 7.02 W/kg

Dipole/5800MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
 Reference Value = 47.41 V/m; Power Drift = 0.11 dB
 Peak SAR (extrapolated) = 19.0 W/kg
SAR(1 g) = 3.8 W/kg; SAR(10 g) = 1.09 W/kg
 Maximum value of SAR (measured) = 10.1 W/kg



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

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

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 21.1 °C
 Test Date: 02/29/2024

DUT: Dipole 5GHz; Type: D5000V2; Serial: D5000V2 - SN:1317

Communication System: UID 0, CW (0); Frequency: 5250 MHz;Duty Cycle: 1:1
 Medium parameters used: f = 5250 MHz; $\sigma = 4.665$ S/m; $\epsilon_r = 37.009$; $\rho = 1000$ kg/m³
 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)

Dipole/5250MHz Head Verification/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 9.36 W/kg

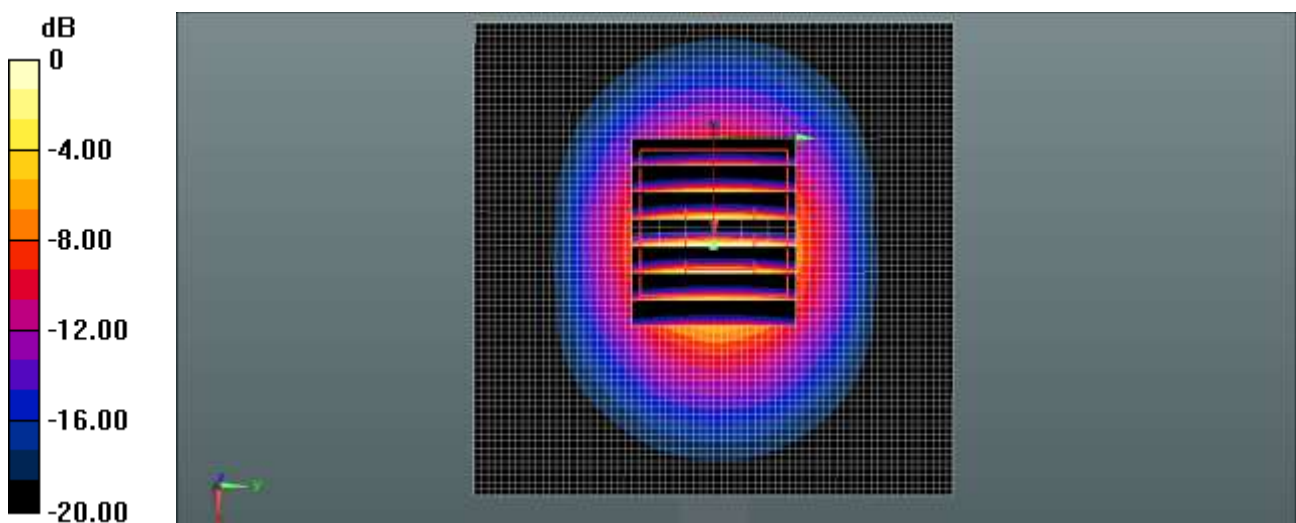
Dipole/5250MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 49.73 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 16.5 W/kg

SAR(1 g) = 3.86 W/kg; SAR(10 g) = 1.12 W/kg

Maximum value of SAR (measured) = 9.73 W/kg



0 dB = 9.73 W/kg = 9.88 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 20.6 °C
 Test Date: 03/05/2024

DUT: Dipole 5GHz; Type: D5000V2; Serial: D5000V2 - SN:1317

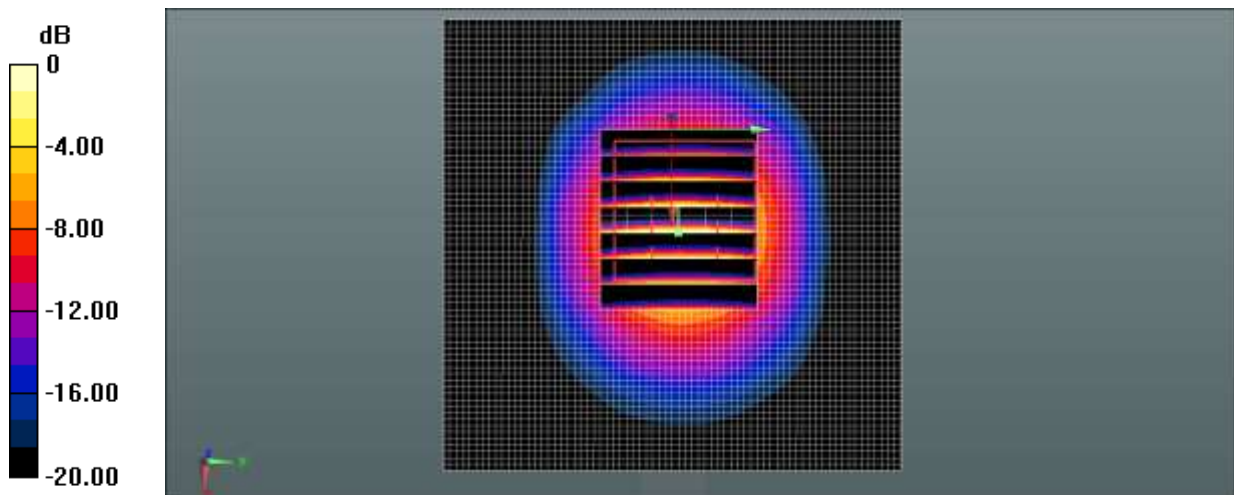
Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5600$ MHz; $\sigma = 5.035$ S/m; $\epsilon_r = 36.181$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

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)

Dipole/5600MHz Head Verification/Area Scan (71x71x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
 Maximum value of SAR (interpolated) = 11.0 W/kg

Dipole/5600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
 Reference Value = 50.58 V/m; Power Drift = 0.09 dB
 Peak SAR (extrapolated) = 20.1 W/kg
SAR(1 g) = 4.27 W/kg; SAR(10 g) = 1.23 W/kg
 Maximum value of SAR (measured) = 11.1 W/kg



0 dB = 11.1 W/kg = 10.45 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 19.5 °C
 Test Date: 03/07/2024

DUT: Dipole 5GHz; Type: D5000V2; Serial: D5000V2 - SN:1317

Communication System: UID 0, CW (0); Frequency: 5750 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5750 \text{ MHz}$; $\sigma = 5.246 \text{ S/m}$; $\epsilon_r = 36.014$; $\rho = 1000 \text{ kg/m}^3$
 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)

Dipole/5750MHz Head Verification/Area Scan (8x8x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 7.06 W/kg

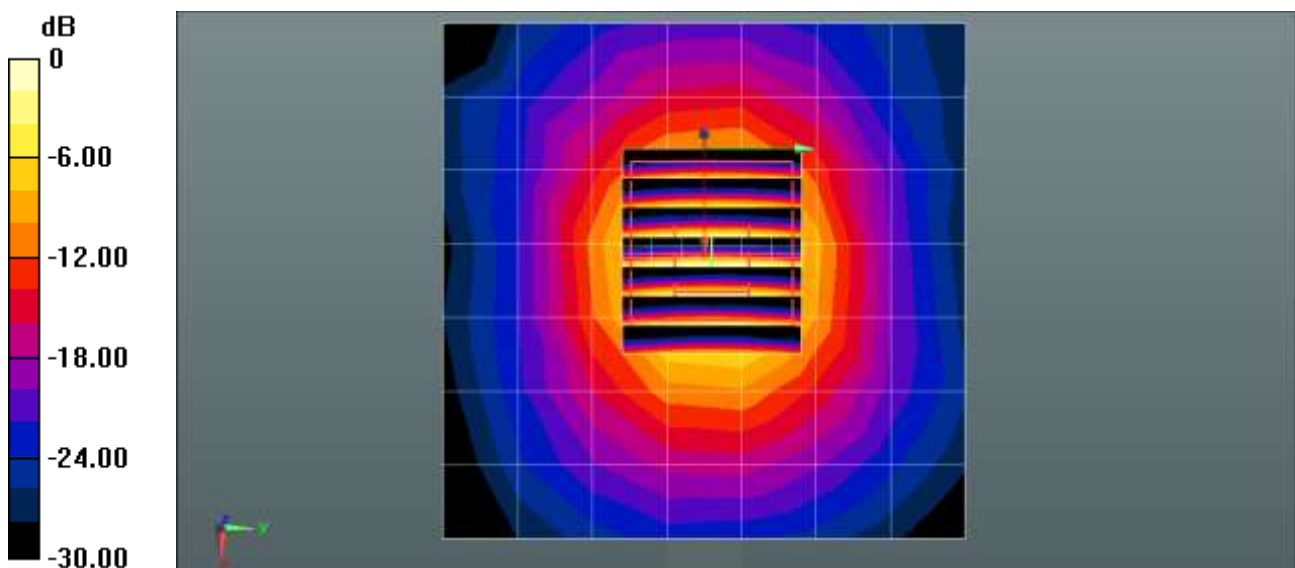
Dipole/5750MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 47.29 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 18.5 W/kg

SAR(1 g) = 3.74 W/kg; SAR(10 g) = 1.08 W/kg

Maximum value of SAR (measured) = 9.90 W/kg



0 dB = 9.90 W/kg = 9.96 dBW/kg

■ **Verification Data (5 800 Mhz Head)**

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 20.2 °C
 Test Date: 03/11/2024

DUT: Dipole 5GHz; Type: D5000V2; Serial: D5000V2 - SN:1317

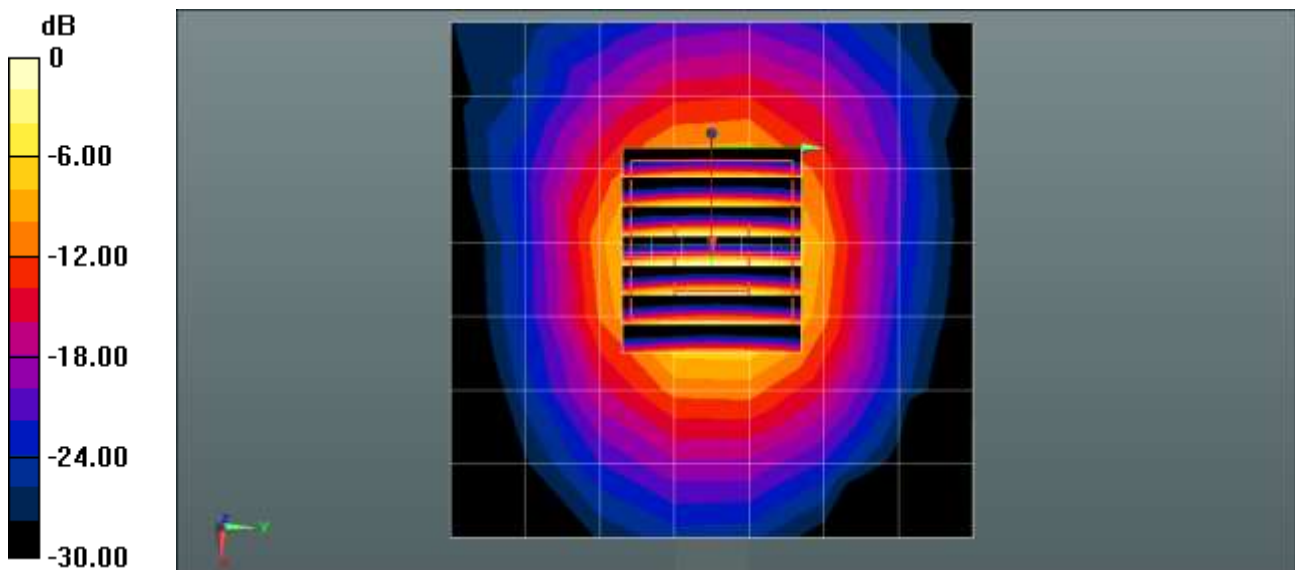
Communication System: UID 0, CW (0); Frequency: 5800 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5800 \text{ MHz}$; $\sigma = 5.163 \text{ S/m}$; $\epsilon_r = 36.069$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7751; ConvF(4.66, 4.66, 4.66) @ 5800 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)

Dipole/5800MHz Head Verification/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 7.07 W/kg

Dipole/5800MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
 Reference Value = 47.48 V/m; Power Drift = 0.17 dB
 Peak SAR (extrapolated) = 19.0 W/kg
SAR(1 g) = 3.77 W/kg; SAR(10 g) = 1.08 W/kg
 Maximum value of SAR (measured) = 10.1 W/kg



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

◆ 5G NR SUB 6

■ Verification Data (750 Mhz Head)

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 19.4 °C
 Test Date: 03/21/2024

DUT: D750V3 - SN1014; Type: D750V3; Serial: SN1014

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.936 \text{ S/m}$; $\epsilon_r = 42.332$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(10.38, 10.38, 10.38) @ 750 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)

Dipole/750MHz Head Verification/Area Scan (7x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.562 W/kg

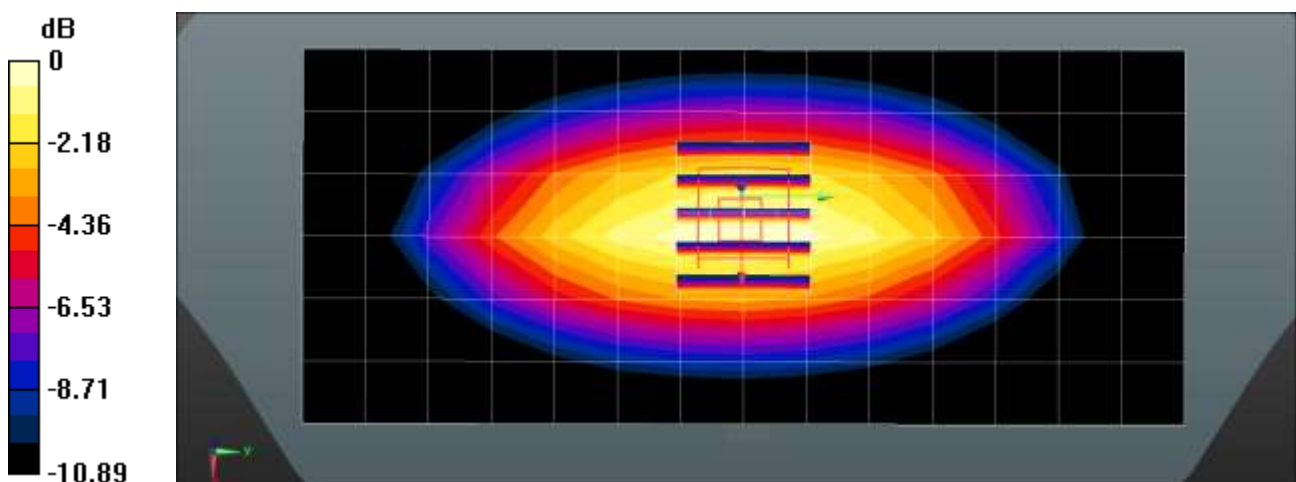
Dipole/750MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 25.63 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.654 W/kg

SAR(1 g) = 0.421 W/kg; SAR(10 g) = 0.274 W/kg

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



0 dB = 0.573 W/kg = -2.42 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 20.0 °C
 Test Date: 03/22/2024

DUT: D750V3 - SN1014; Type: D750V3; Serial: SN1014

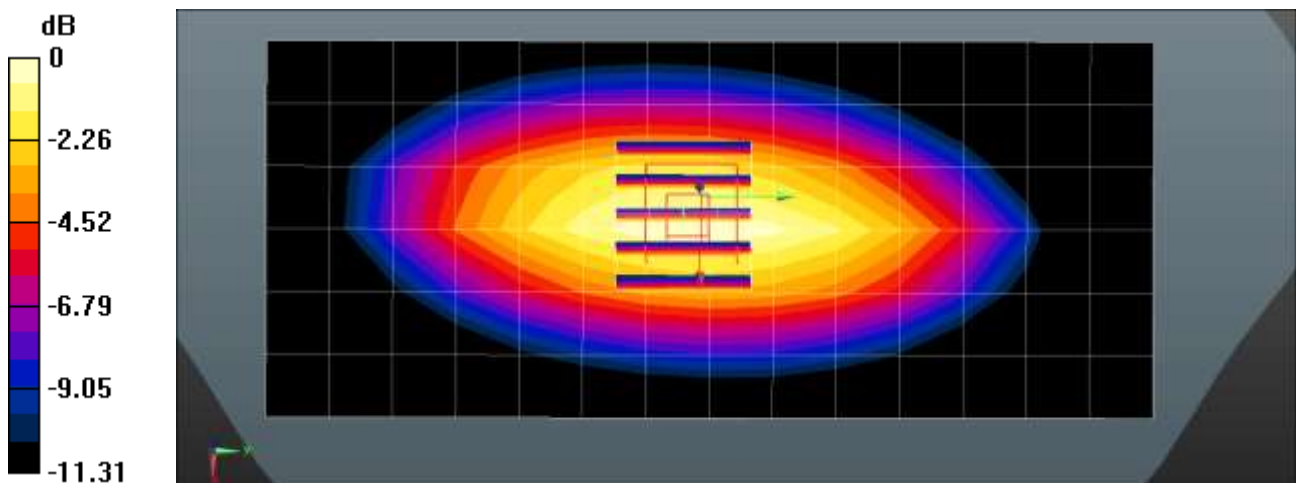
Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.936 \text{ S/m}$; $\epsilon_r = 42.227$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(10.38, 10.38, 10.38) @ 750 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)

Dipole/750MHz Head Verification/Area Scan (7x15x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.564 W/kg

Dipole/750MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 25.75 V/m; Power Drift = -0.01 dB
 Peak SAR (extrapolated) = 0.678 W/kg
SAR(1 g) = 0.424 W/kg; SAR(10 g) = 0.274 W/kg
 Maximum value of SAR (measured) = 0.587 W/kg



0 dB = 0.587 W/kg = -2.31 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 20.2 °C
 Test Date: 03/23/2024

DUT: D750V3 - SN1014; Type: D750V3; Serial: SN1014

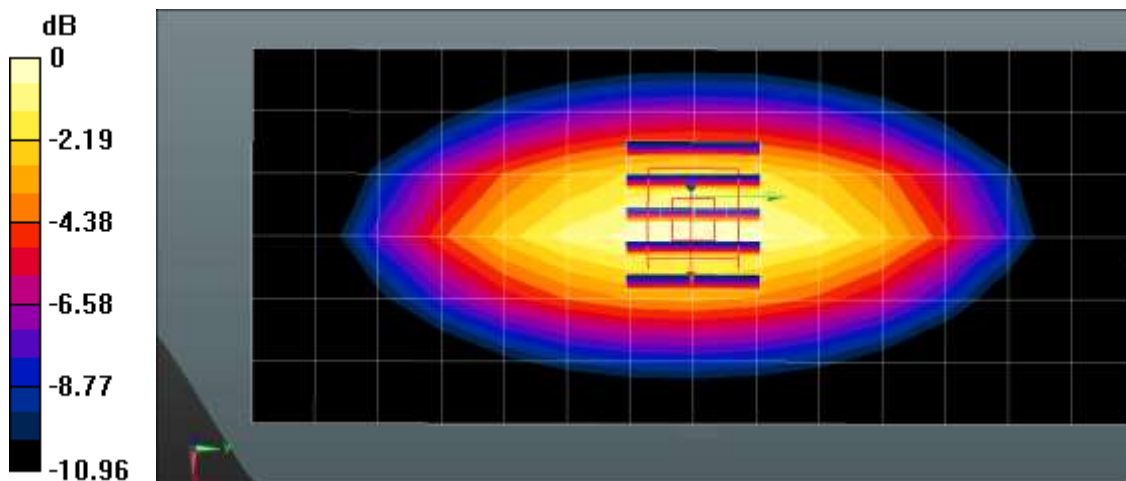
Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.928 \text{ S/m}$; $\epsilon_r = 41.938$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(10.38, 10.38, 10.38) @ 750 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)

Dipole/750MHz Head Verification/Area Scan (7x15x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.558 W/kg

Dipole/750MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 25.83 V/m; Power Drift = 0.04 dB
 Peak SAR (extrapolated) = 0.659 W/kg
SAR(1 g) = 0.420 W/kg; SAR(10 g) = 0.272 W/kg
 Maximum value of SAR (measured) = 0.577 W/kg



0 dB = 0.577 W/kg = -2.39 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 23.1 °C
 Test Date: 04/18/2024

DUT: D750V3 - SN1014; Type: D750V3; Serial: SN1014

Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.915 \text{ S/m}$; $\epsilon_r = 42.839$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(10.38, 10.38, 10.38) @ 750 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)

Dipole/750MHz Head Verification/Area Scan (7x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.554 W/kg

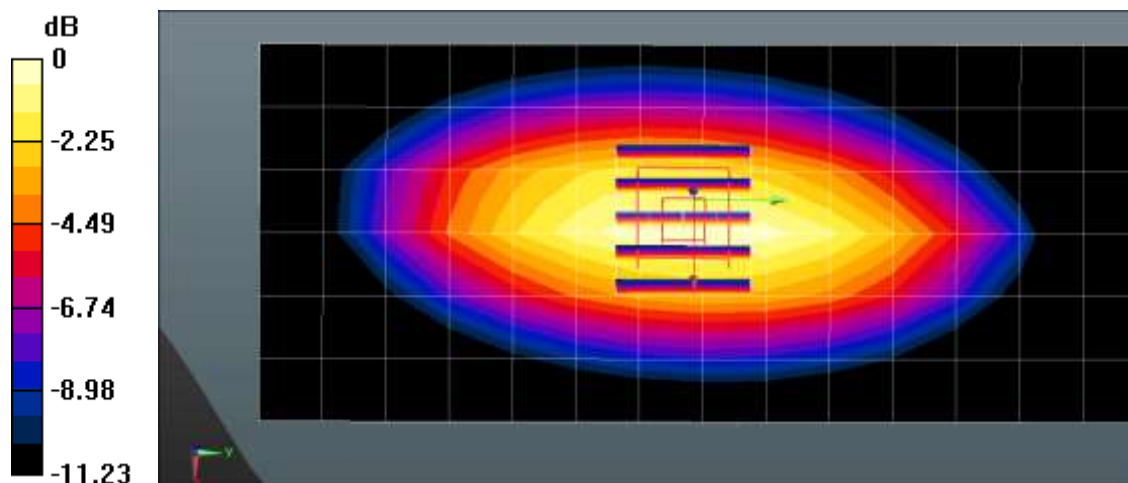
Dipole/750MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 25.73 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.647 W/kg

SAR(1 g) = 0.411 W/kg; SAR(10 g) = 0.266 W/kg

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



0 dB = 0.562 W/kg = -2.50 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 20.5 °C
 Test Date: 03/25/2024

DUT: D835V2 - SN441; Type: D835V2; Serial: SN4d165

Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 835 \text{ MHz}$; $\sigma = 0.925 \text{ S/m}$; $\epsilon_r = 40.704$; $\rho = 1000 \text{ kg/m}^3$
 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)

Dipole/835MHz Head Verification/Area Scan (7x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.610 W/kg

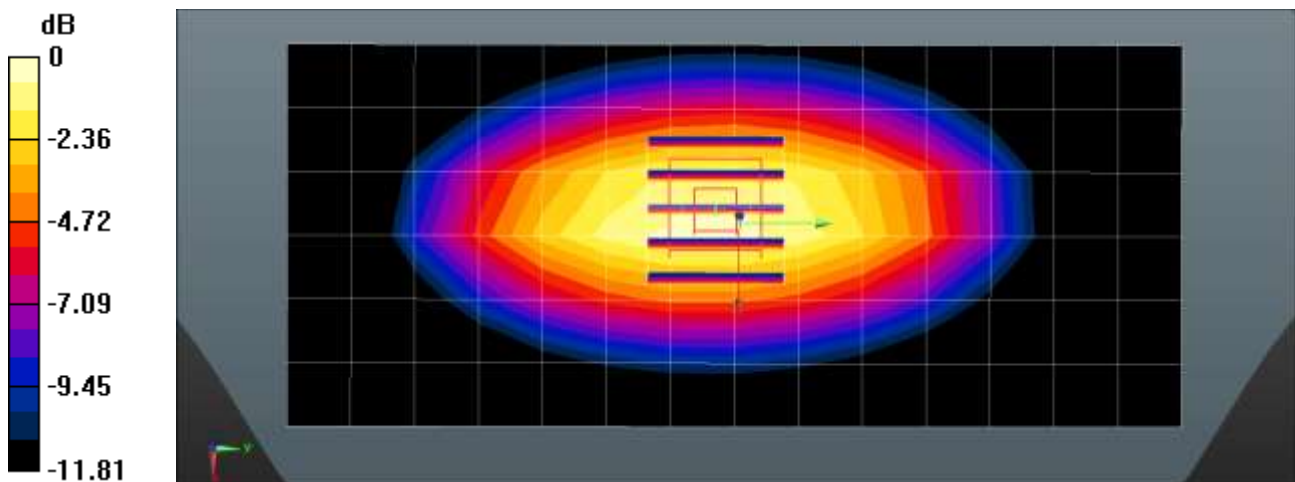
Dipole/835MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 26.75 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.779 W/kg

SAR(1 g) = 0.487 W/kg; SAR(10 g) = 0.310 W/kg

Maximum value of SAR (measured) = 0.675 W/kg



0 dB = 0.675 W/kg = -1.71 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 20.3 °C
 Test Date: 03/26/2024

DUT: D835V2 - SN441; Type: D835V2; Serial: SN4d165

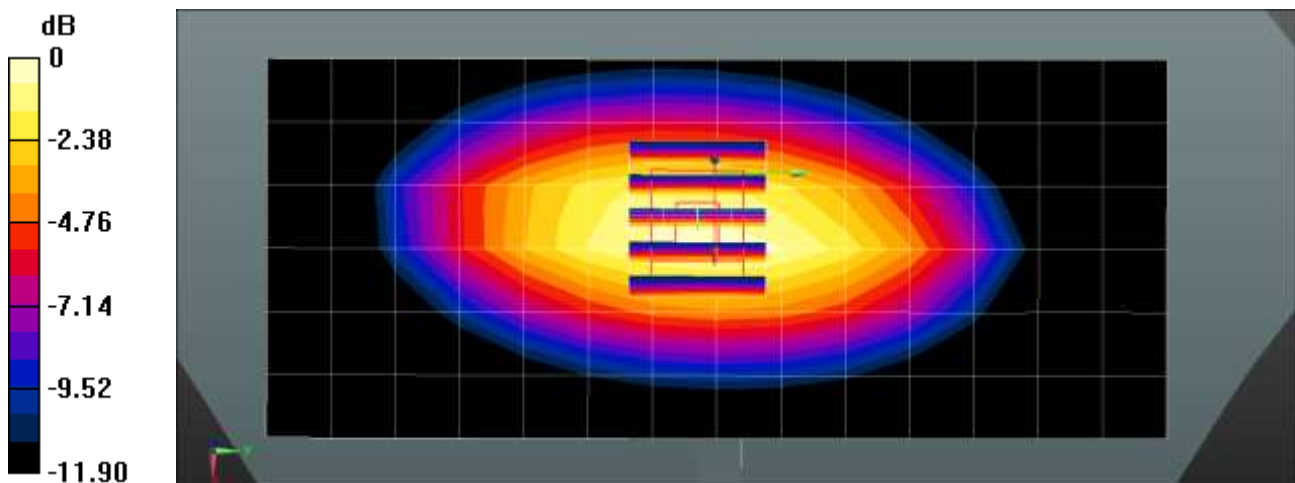
Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 835 \text{ MHz}$; $\sigma = 0.921 \text{ S/m}$; $\epsilon_r = 40.701$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

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)

Dipole/835MHz Head Verification/Area Scan (7x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.605 W/kg

Dipole/835MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 26.65 V/m; Power Drift = 0.13 dB
 Peak SAR (extrapolated) = 0.749 W/kg
SAR(1 g) = 0.469 W/kg; SAR(10 g) = 0.298 W/kg
 Maximum value of SAR (measured) = 0.650 W/kg



0 dB = 0.650 W/kg = -1.87 dBW/kg

■ **Verification Data (1 640 Mhz Head)**

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 19.1 °C
 Test Date: 03/29/2024

DUT: D1640V2 - SN345; Type: D1640V2; Serial: SN345

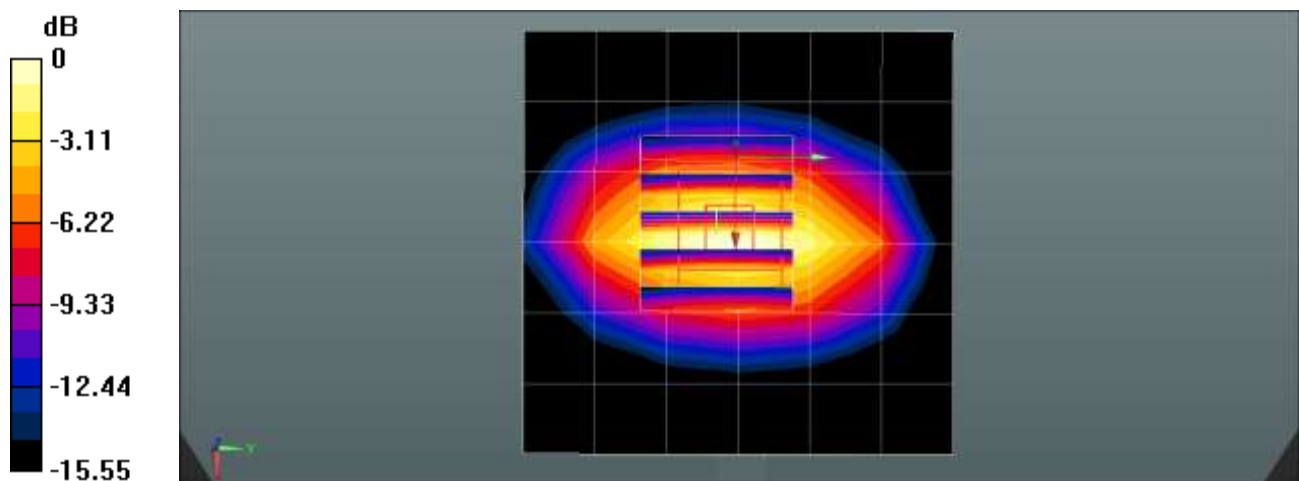
Communication System: UID 0, CW (0); Frequency: 1640 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1640 \text{ MHz}$; $\sigma = 1.244 \text{ S/m}$; $\epsilon_r = 41.868$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(7.99, 8.29, 7.49) @ 1640 MHz; Calibrated: 2024-01-22
- 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)

Dipole/1640MHz Head Verification/Area Scan (7x7x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 2.40 W/kg

Dipole/1640MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 47.64 V/m; Power Drift = 0.04 dB
 Peak SAR (extrapolated) = 2.68 W/kg
SAR(1 g) = 1.69 W/kg; SAR(10 g) = 0.947 W/kg
 Maximum value of SAR (measured) = 2.40 W/kg



0 dB = 2.40 W/kg = 3.80 dBW/kg

■ **Verification Data (1 640 Mhz Head)**

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 19.4 °C
 Test Date: 03/30/2024

DUT: D1640V2 - SN345; Type: D1640V2; Serial: SN345

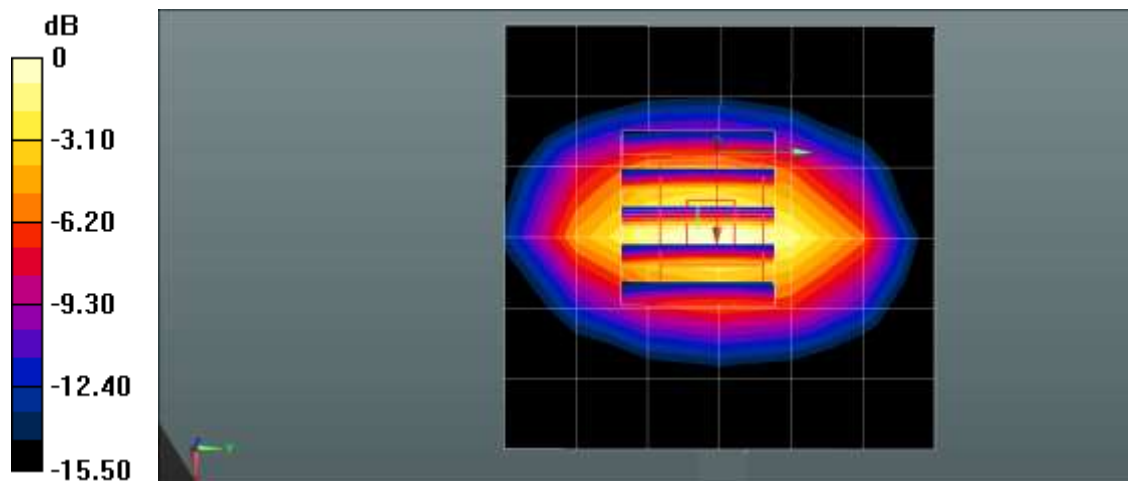
Communication System: UID 0, CW (0); Frequency: 1640 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1640 \text{ MHz}$; $\sigma = 1.244 \text{ S/m}$; $\epsilon_r = 41.869$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(7.99, 8.29, 7.49) @ 1640 MHz; Calibrated: 2024-01-22
- 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)

Dipole/1640MHz Head Verification/Area Scan (7x7x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 2.38 W/kg

Dipole/1640MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 47.48 V/m; Power Drift = 0.04 dB
 Peak SAR (extrapolated) = 2.68 W/kg
SAR(1 g) = 1.69 W/kg; SAR(10 g) = 0.948 W/kg
 Maximum value of SAR (measured) = 2.39 W/kg



0 dB = 2.39 W/kg = 3.78 dBW/kg

■ **Verification Data (1 640 Mhz Head)**

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 22.0 °C
 Test Date: 04/19/2024

DUT: D1640V2 - SN345; Type: D1640V2; Serial: SN345

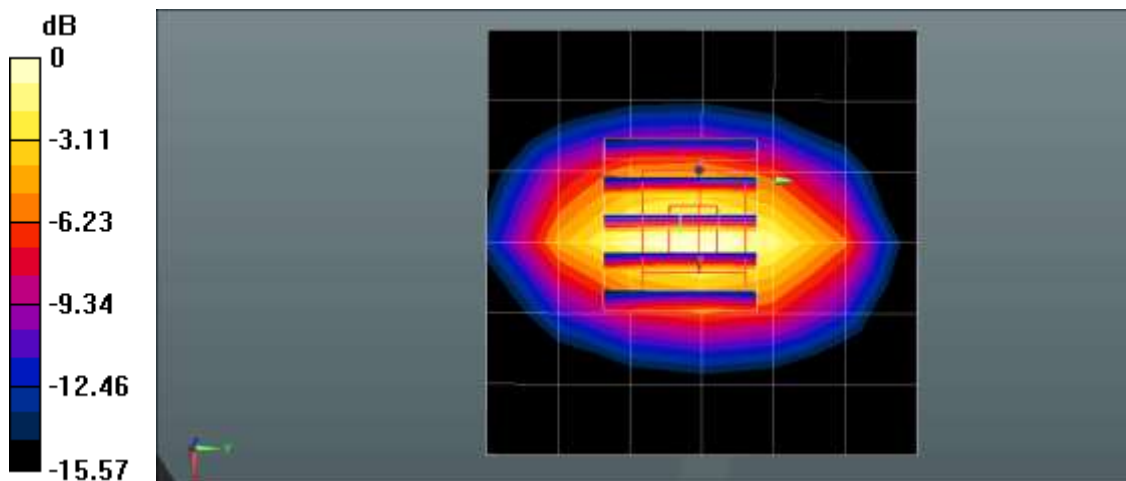
Communication System: UID 0, CW (0); Frequency: 1640 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1640 \text{ MHz}$; $\sigma = 1.244 \text{ S/m}$; $\epsilon_r = 41.864$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(7.99, 8.29, 7.49) @ 1640 MHz; Calibrated: 2024-01-22
- 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)

Dipole/1640MHz Head Verification/Area Scan (7x7x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 2.41 W/kg

Dipole/1640MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 47.79 V/m; Power Drift = -0.04 dB
 Peak SAR (extrapolated) = 2.70 W/kg
SAR(1 g) = 1.69 W/kg; SAR(10 g) = 0.949 W/kg
 Maximum value of SAR (measured) = 2.40 W/kg



0 dB = 2.40 W/kg = 3.80 dBW/kg

■ **Verification Data (1 640 Mhz Head)**

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 22.4 °C
 Test Date: 04/20/2024

DUT: D1640V2 - SN345; Type: D1640V2; Serial: SN345

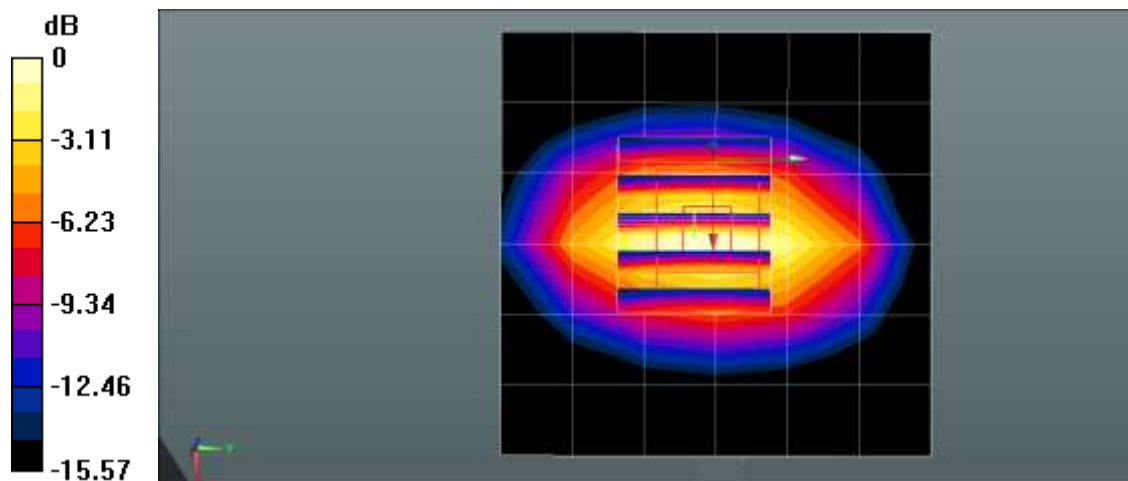
Communication System: UID 0, CW (0); Frequency: 1640 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1640 \text{ MHz}$; $\sigma = 1.244 \text{ S/m}$; $\epsilon_r = 41.864$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(7.99, 8.29, 7.49) @ 1640 MHz; Calibrated: 2024-01-22
- 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)

Dipole/1640MHz Head Verification/Area Scan (7x7x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 2.40 W/kg

Dipole/1640MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 47.65 V/m; Power Drift = -0.01 dB
 Peak SAR (extrapolated) = 2.70 W/kg
SAR(1 g) = 1.7 W/kg; SAR(10 g) = 0.949 W/kg
 Maximum value of SAR (measured) = 2.41 W/kg



0 dB = 2.41 W/kg = 3.82 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 20.5 °C
 Test Date: 04/06/2024

DUT: D1800V2 - SN2d015; Type: D1800V2; Serial: SN2d015

Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1800$ MHz; $\sigma = 1.425$ S/m; $\epsilon_r = 41.231$; $\rho = 1000$ kg/m³
 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 Sn1686; Calibrated: 2023-05-23
- 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)

Dipole/1800MHz Head Verification/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 2.39 W/kg

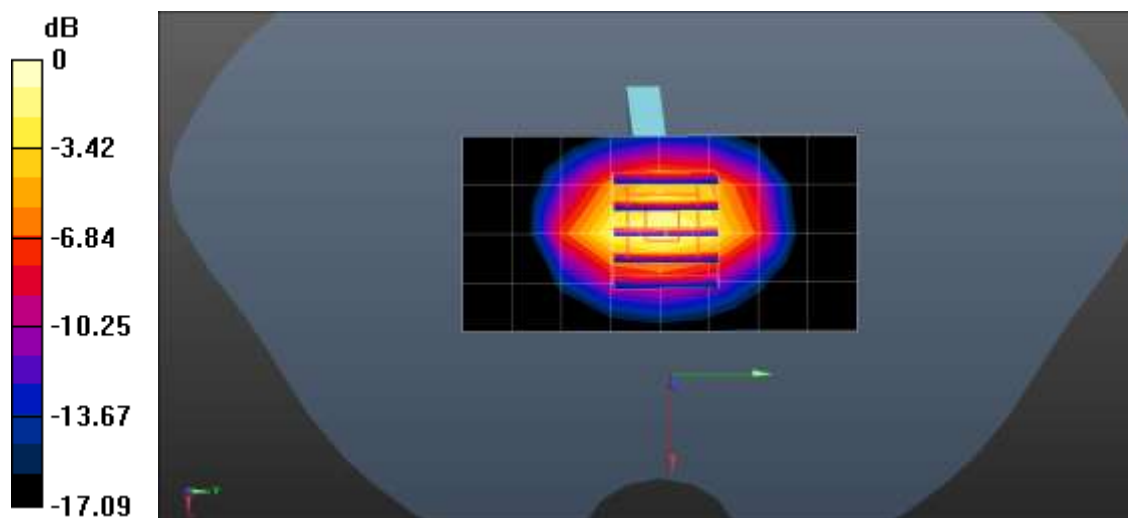
Dipole/1800MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 43.18 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 3.06 W/kg

SAR(1 g) = 1.76 W/kg; SAR(10 g) = 0.935 W/kg

Maximum value of SAR (measured) = 2.64 W/kg



0 dB = 2.64 W/kg = 4.22 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 20.1 °C
 Test Date: 04/07/2024

DUT: D1800V2 - SN2d015; Type: D1800V2; Serial: SN2d015

Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1800 \text{ MHz}$; $\sigma = 1.424 \text{ S/m}$; $\epsilon_r = 41.235$; $\rho = 1000 \text{ kg/m}^3$
 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 Sn1686; Calibrated: 2023-05-23
- 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)

Dipole/1800MHz Head Verification/Area Scan (5x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 2.38 W/kg

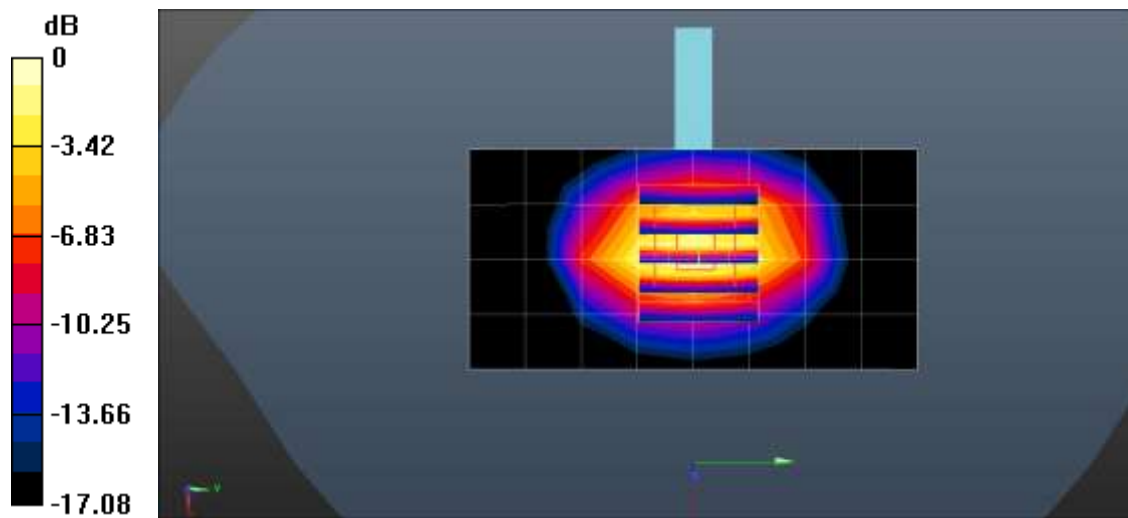
Dipole/1800MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 43.29 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 3.07 W/kg

SAR(1 g) = 1.75 W/kg; SAR(10 g) = 0.933 W/kg

Maximum value of SAR (measured) = 2.66 W/kg



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

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

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 22.8 °C
 Test Date: 04/20/2024

DUT: D1800V2 - SN2d015; Type: D1800V2; Serial: SN2d015

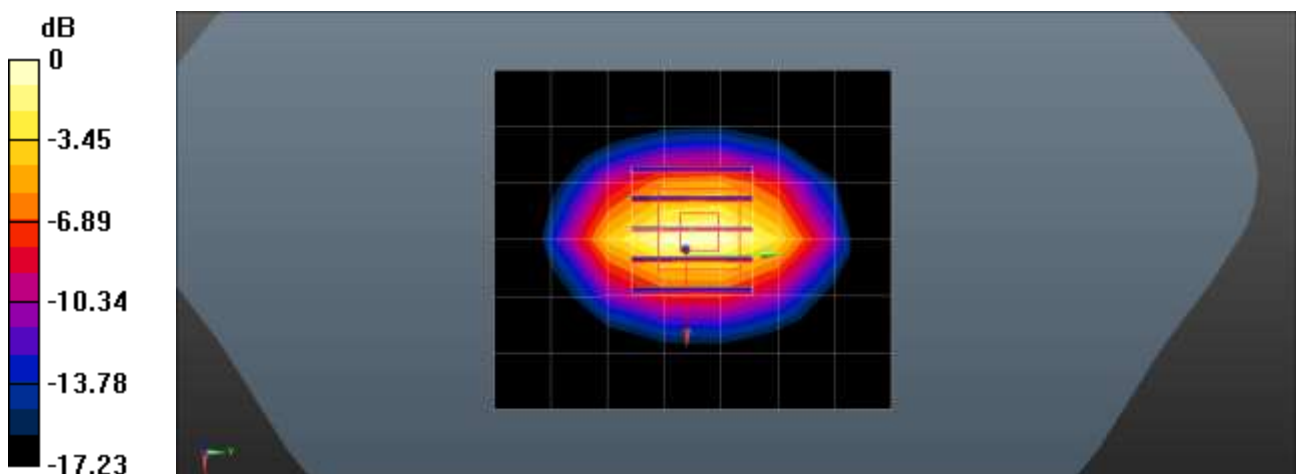
Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1800$ MHz; $\sigma = 1.423$ S/m; $\epsilon_r = 41.261$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7680; ConvF(9.1, 9.1, 9.1) @ 1800 MHz; Calibrated: 2023-05-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1225; Calibrated: 2024-02-15
- 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)

Dipole/1800MHz Head Verification/Area Scan (7x8x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 2.73 W/kg

Dipole/1800MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 46.77 V/m; Power Drift = 0.04 dB
 Peak SAR (extrapolated) = 3.52 W/kg
SAR(1 g) = 1.93 W/kg; SAR(10 g) = 1.02 W/kg
 Maximum value of SAR (measured) = 2.98 W/kg



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

■ Verification Data (1 800 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 21.5 °C
Test Date: 04/21/2024

DUT: D1800V2 - SN2d015; Type: D1800V2; Serial: SN2d015

Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1800$ MHz; $\sigma = 1.423$ S/m; $\epsilon_r = 41.264$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7680; ConvF(9.1, 9.1, 9.1) @ 1800 MHz; Calibrated: 2023-05-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1225; Calibrated: 2024-02-15
- 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)

Dipole/1800MHz Head Verification/Area Scan (7x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.72 W/kg

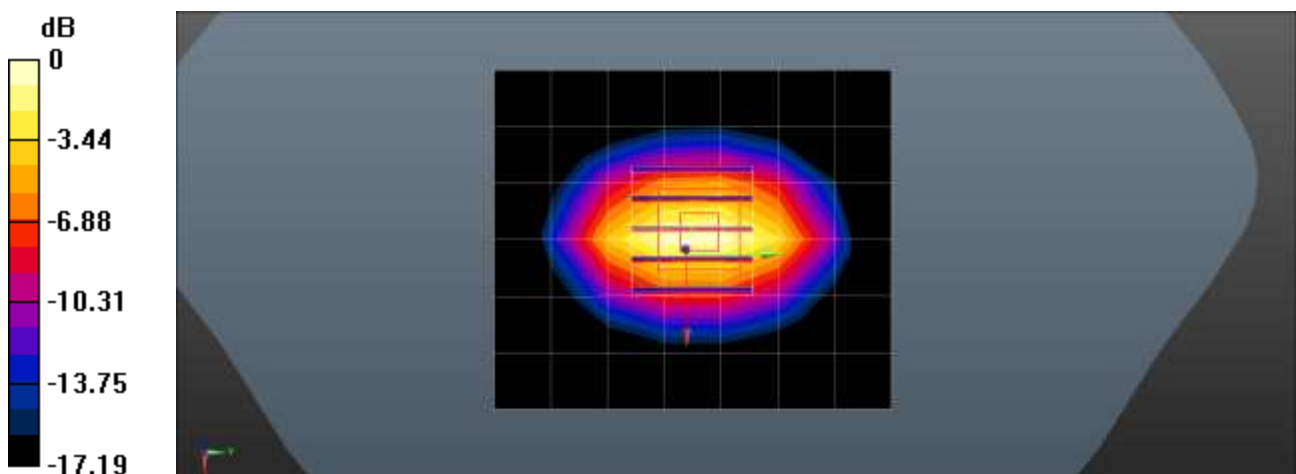
Dipole/1800MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 46.97 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 3.49 W/kg

SAR(1 g) = 1.92 W/kg; SAR(10 g) = 1.02 W/kg

Maximum value of SAR (measured) = 2.96 W/kg



0 dB = 2.96 W/kg = 4.71 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 18.9 °C
 Test Date: 04/09/2024

DUT: D1900V2 - SN5d032; Type: D1900V2; Serial: SN5d032

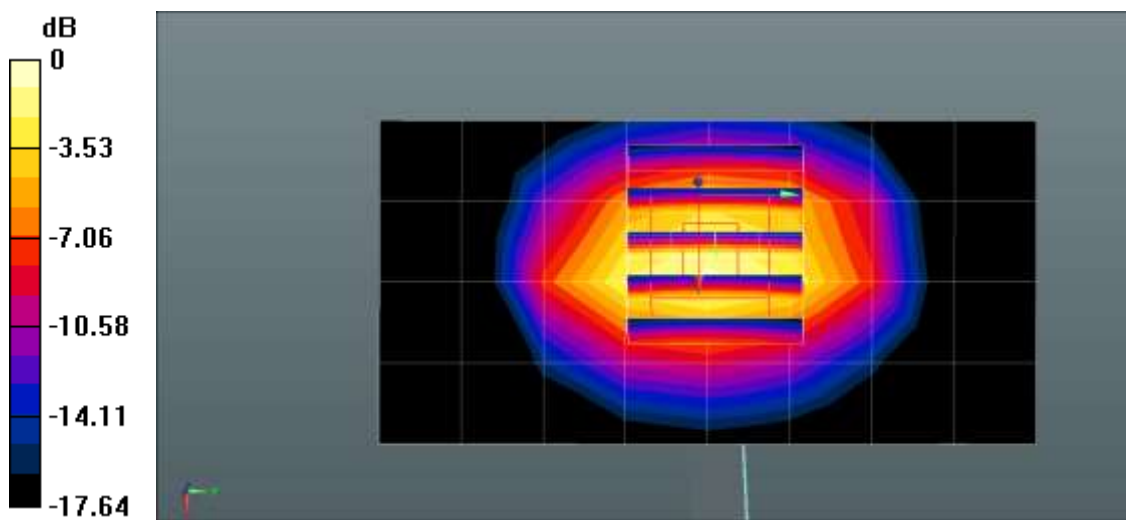
Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.449$ S/m; $\epsilon_r = 40.825$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

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 Sn1686; Calibrated: 2023-05-23
- 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)

Dipole/1900MHz Head Verification/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 2.62 W/kg

Dipole/1900MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 44.96 V/m; Power Drift = 0.12 dB
 Peak SAR (extrapolated) = 3.48 W/kg
SAR(1 g) = 1.97 W/kg; SAR(10 g) = 1.03 W/kg
 Maximum value of SAR (measured) = 3.01 W/kg



0 dB = 3.01 W/kg = 4.79 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 19.6 °C
 Test Date: 04/10/2024

DUT: D1900V2 - SN5d032; Type: D1900V2; Serial: SN5d032

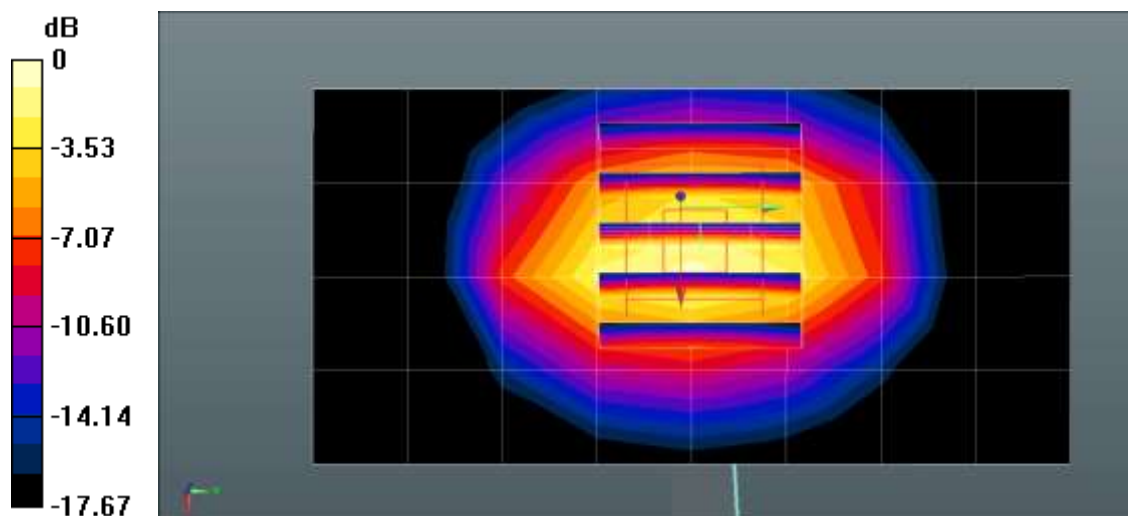
Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.448$ S/m; $\epsilon_r = 40.803$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

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 Sn1686; Calibrated: 2023-05-23
- 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)

Dipole/1900MHz Head Verification/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 2.61 W/kg

Dipole/1900MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 44.96 V/m; Power Drift = 0.11 dB
 Peak SAR (extrapolated) = 3.45 W/kg
SAR(1 g) = 1.95 W/kg; SAR(10 g) = 1.03 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: 19.1 °C
 Test Date: 04/03/2024

DUT: D1900V2 - SN5d032; Type: D1900V2; Serial: SN5d032

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.426 \text{ S/m}$; $\epsilon_r = 40.877$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(8.29, 8.29, 8.29) @ 1900 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)

Dipole/1900MHz Head Verification/Area Scan (5x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 3.03 W/kg

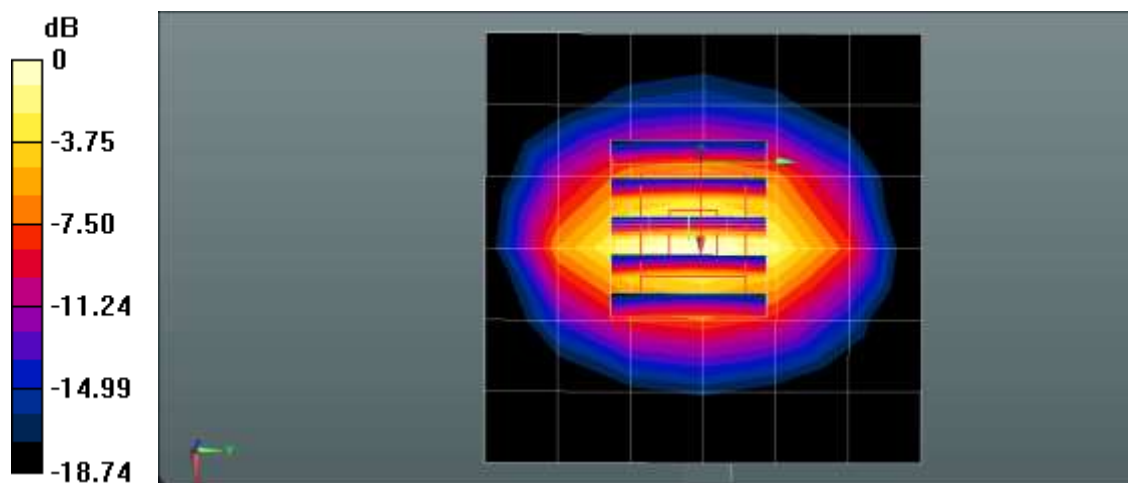
Dipole/1900MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 47.26 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 3.77 W/kg

SAR(1 g) = 1.94 W/kg; SAR(10 g) = 0.995 W/kg

Maximum value of SAR (measured) = 3.10 W/kg



0 dB = 3.10 W/kg = 4.91 dBW/kg

■ Verification Data (1 900 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 21.3 °C
Test Date: 04/14/2024

DUT: D1900V2 - SN5d032; Type: D1900V2; Serial: SN5d032

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.427$ S/m; $\epsilon_r = 40.885$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(8.29, 8.29, 8.29) @ 1900 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)

Dipole/1900MHz Head Verification/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.98 W/kg

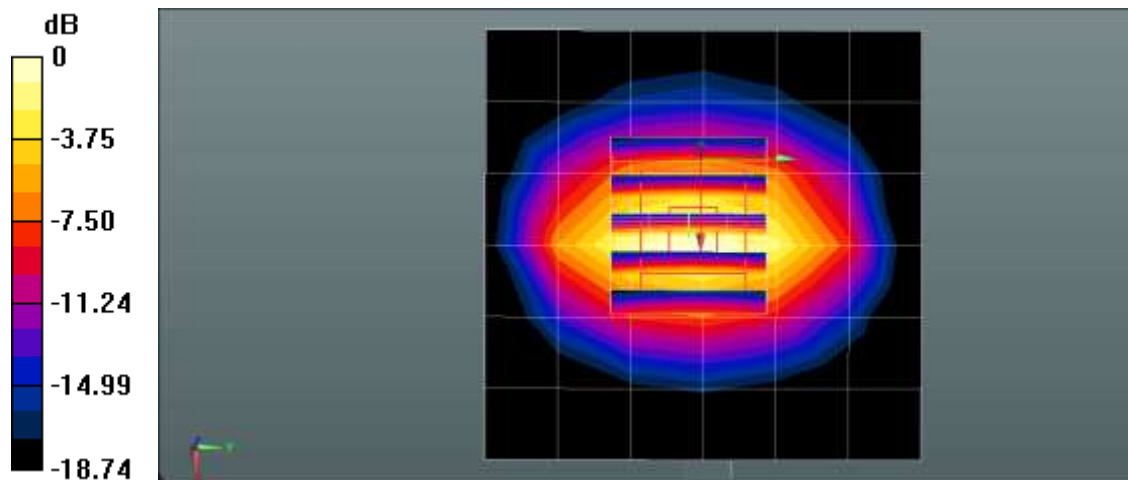
Dipole/1900MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 46.82 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 3.76 W/kg

SAR(1 g) = 1.92 W/kg; SAR(10 g) = 0.985 W/kg

Maximum value of SAR (measured) = 3.08 W/kg



■ **Verification Data (2 300 MHz Head)**

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 20.8 °C
 Test Date: 04/08/2024

DUT: D2300V2 - SN1010; Type: D2300V2; Serial: SN1010

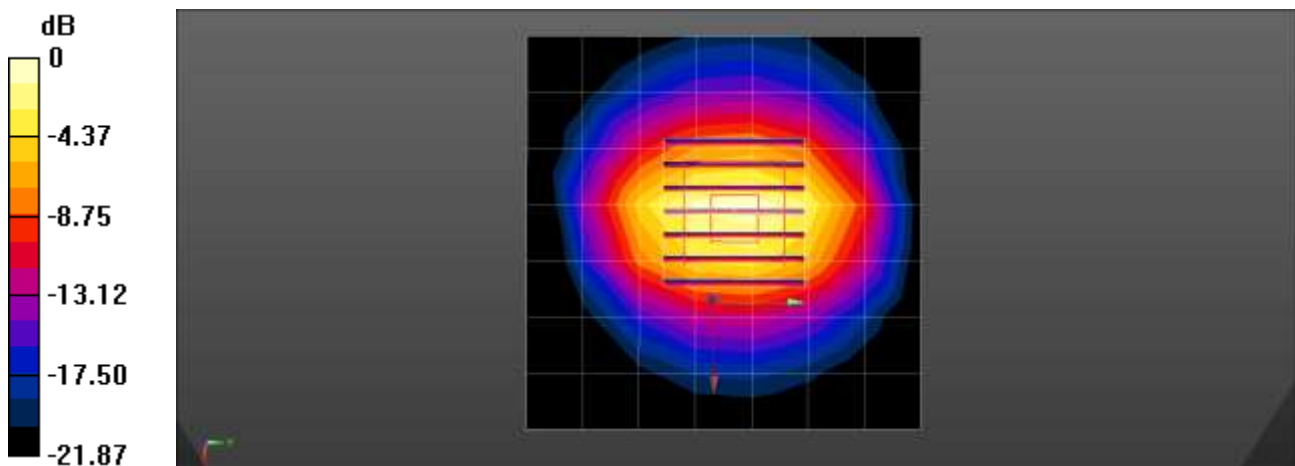
Communication System: UID 0, CW (0); Frequency: 2300 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2300$ MHz; $\sigma = 1.718$ S/m; $\epsilon_r = 39.297$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(8.37, 8.37, 8.37) @ 2300 MHz; Calibrated: 2023-08-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2023-07-04
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Dipole/2300MHz Head Verification/Area Scan (8x8x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 3.87 W/kg

Dipole/2300MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 47.32 V/m; Power Drift = 0.13 dB
 Peak SAR (extrapolated) = 5.28 W/kg
SAR(1 g) = 2.48 W/kg; SAR(10 g) = 1.15 W/kg
 Maximum value of SAR (measured) = 4.23 W/kg



0 dB = 4.23 W/kg = 6.26 dBW/kg

■ **Verification Data (2 300 Mhz Head)**

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 20.0 °C
 Test Date: 04/09/2024

DUT: D2300V2 - SN1010; Type: D2300V2; Serial: SN1010

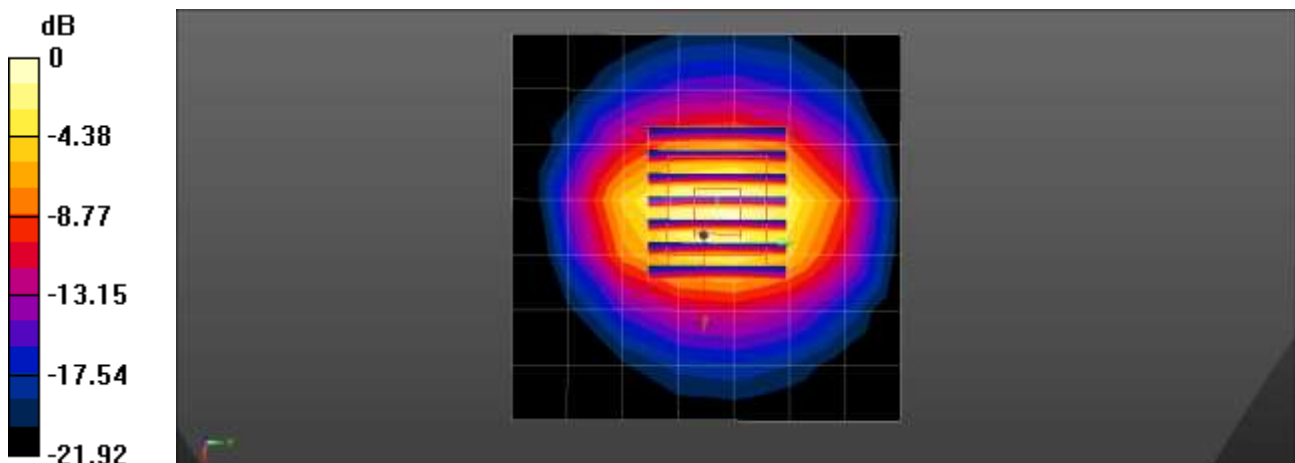
Communication System: UID 0, CW (0); Frequency: 2300 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 2300$ MHz; $\sigma = 1.719$ S/m; $\epsilon_r = 39.299$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(8.37, 8.37, 8.37) @ 2300 MHz; Calibrated: 2023-08-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2023-07-04
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Dipole/2300MHz Head Verification/Area Scan (8x8x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 3.78 W/kg

Dipole/2300MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 48.13 V/m; Power Drift = 0.19 dB
 Peak SAR (extrapolated) = 5.29 W/kg
SAR(1 g) = 2.48 W/kg; SAR(10 g) = 1.15 W/kg
 Maximum value of SAR (measured) = 4.22 W/kg



0 dB = 4.22 W/kg = 6.25 dBW/kg

■ **Verification Data (2 300 MHz Head)**

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 20.2 °C
 Test Date: 04/10/2024

DUT: D2300V2 - SN1010; Type: D2300V2; Serial: SN1010

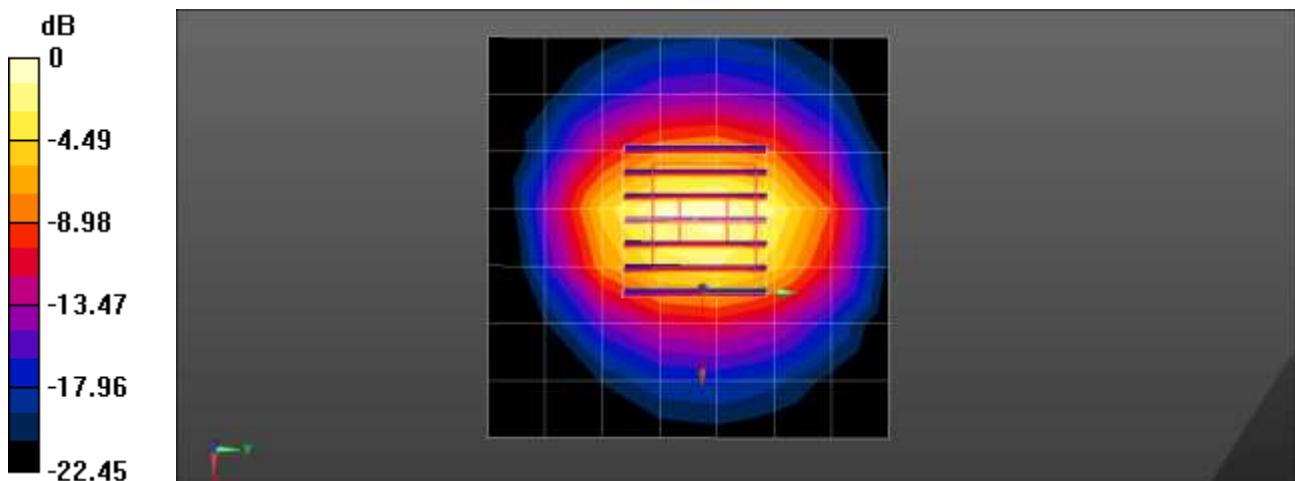
Communication System: UID 0, CW (0); Frequency: 2300 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2300$ MHz; $\sigma = 1.718$ S/m; $\epsilon_r = 39.3$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(8.37, 8.37, 8.37) @ 2300 MHz; Calibrated: 2023-08-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2023-07-04
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Dipole/2300MHz Head Verification/Area Scan (8x8x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 3.77 W/kg

Dipole/2300MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 48.17 V/m; Power Drift = 0.17 dB
 Peak SAR (extrapolated) = 5.22 W/kg
SAR(1 g) = 2.47 W/kg; SAR(10 g) = 1.15 W/kg
 Maximum value of SAR (measured) = 4.10 W/kg



0 dB = 4.10 W/kg = 6.13 dBW/kg

■ **Verification Data (2 300 Mhz Head)**

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 19.2 °C
 Test Date: 04/11/2024

DUT: D2300V2 - SN1010; Type: D2300V2; Serial: SN1010

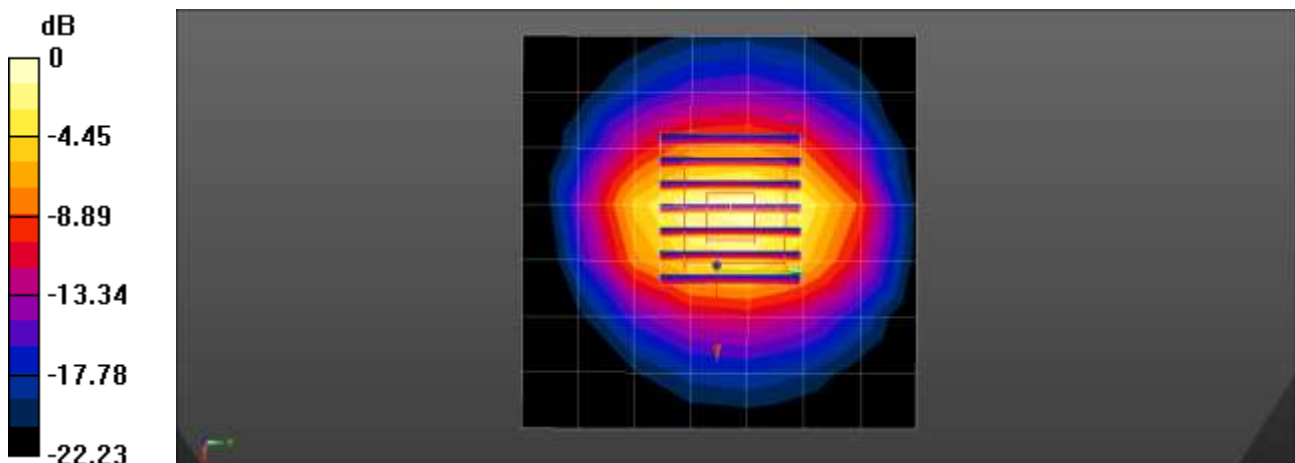
Communication System: UID 0, CW (0); Frequency: 2300 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2300$ MHz; $\sigma = 1.718$ S/m; $\epsilon_r = 39.299$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(8.37, 8.37, 8.37) @ 2300 MHz; Calibrated: 2023-08-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2023-07-04
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Dipole/2300MHz Head Verification/Area Scan (8x8x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 3.78 W/kg

Dipole/2300MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 48.38 V/m; Power Drift = 0.16 dB
 Peak SAR (extrapolated) = 5.36 W/kg
SAR(1 g) = 2.49 W/kg; SAR(10 g) = 1.15 W/kg
 Maximum value of SAR (measured) = 4.26 W/kg



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

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 18.6 °C
 Test Date: 04/04/2024

DUT: D2600V2 – SN1106; Type: D2600V2; Serial: SN1106

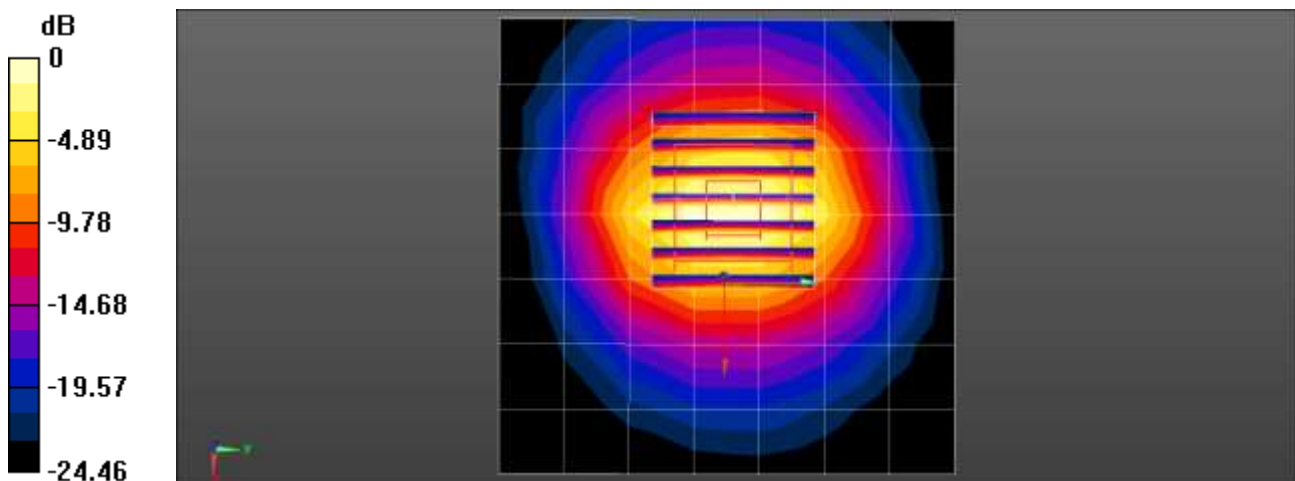
Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.007$ S/m; $\epsilon_r = 39.153$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(7.57, 7.57, 7.57) @ 2600 MHz; Calibrated: 2023-08-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2023-07-04
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Dipole/2600MHz Head Verification/Area Scan (8x8x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 4.60 W/kg

Dipole/2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 40.55 V/m; Power Drift = 0.19 dB
 Peak SAR (extrapolated) = 6.35 W/kg
SAR(1 g) = 2.8 W/kg; SAR(10 g) = 1.22 W/kg
 Maximum value of SAR (measured) = 4.94 W/kg



0 dB = 4.94 W/kg = 6.94 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 18.8 °C
 Test Date: 04/05/2024

DUT: D2600V2 – SN1106; Type: D2600V2; Serial: SN1106

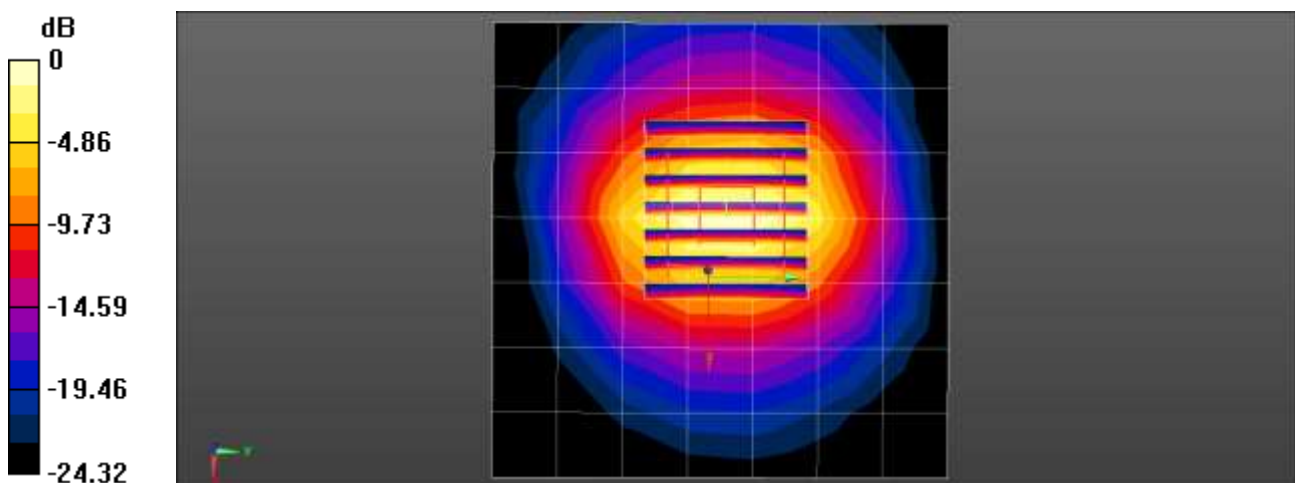
Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.009$ S/m; $\epsilon_r = 39.088$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(7.57, 7.57, 7.57) @ 2600 MHz; Calibrated: 2023-08-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2023-07-04
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Dipole/2600MHz Head Verification/Area Scan (8x8x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 4.64 W/kg

Dipole/2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 42.46 V/m; Power Drift = 0.17 dB
 Peak SAR (extrapolated) = 6.36 W/kg
SAR(1 g) = 2.8 W/kg; SAR(10 g) = 1.22 W/kg
 Maximum value of SAR (measured) = 4.98 W/kg



0 dB = 4.98 W/kg = 6.97 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 19.0 °C
 Test Date: 04/06/2024

DUT: D2600V2 – SN1106; Type: D2600V2; Serial: SN1106

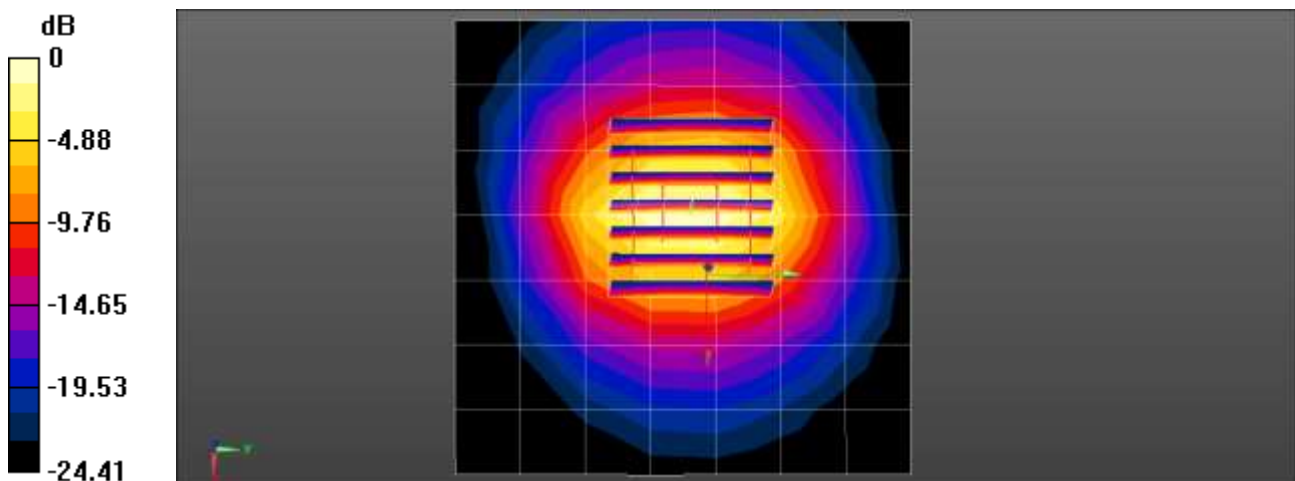
Communication System: UID 0, CW (0); Frequency: 2600 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.007$ S/m; $\epsilon_r = 39.156$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(7.57, 7.57, 7.57) @ 2600 MHz; Calibrated: 2023-08-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2023-07-04
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Dipole/2600MHz Head Verification/Area Scan (8x8x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 4.65 W/kg

Dipole/2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 42.34 V/m; Power Drift = 0.19 dB
 Peak SAR (extrapolated) = 6.41 W/kg
SAR(1 g) = 2.8 W/kg; SAR(10 g) = 1.22 W/kg
 Maximum value of SAR (measured) = 5.02 W/kg



0 dB = 5.02 W/kg = 7.01 dBW/kg

■ Verification Data (2 600 Mhz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 19.6 °C
Test Date: 04/07/2024

DUT: D2600V2 – SN1106; Type: D2600V2; Serial: SN1106

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.006$ S/m; $\epsilon_r = 39.156$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(7.57, 7.57, 7.57) @ 2600 MHz; Calibrated: 2023-08-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2023-07-04
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Dipole/2600MHz Head Verification/Area Scan (8x8x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 4.62 W/kg

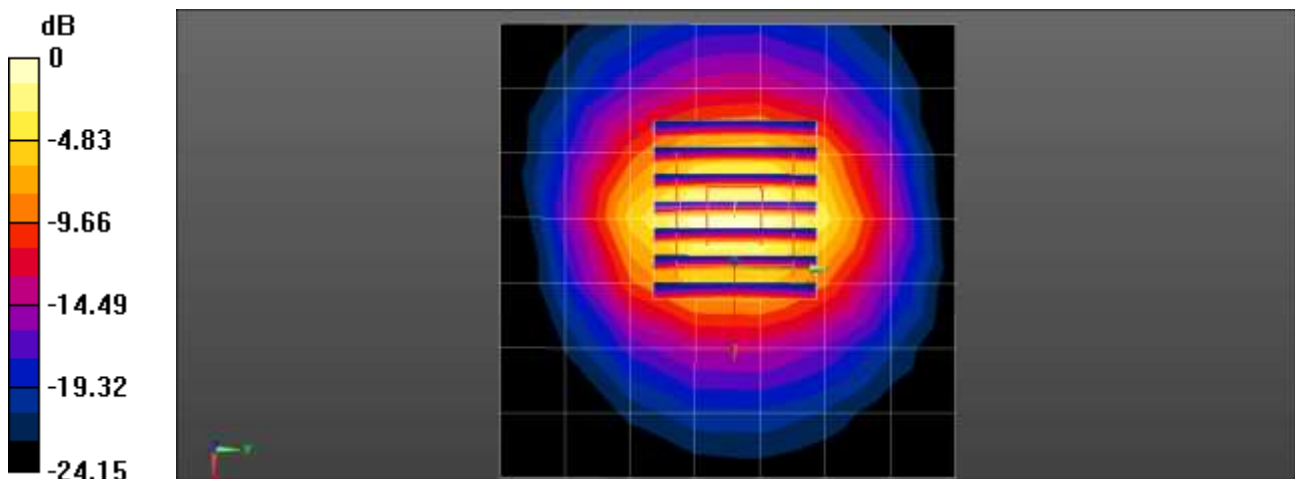
Dipole/2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 42.45 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 6.37 W/kg

SAR(1 g) = 2.79 W/kg; SAR(10 g) = 1.22 W/kg

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



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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 22.1 °C
 Test Date: 03/14/2024

DUT: D2600V2 – SN1106; Type: D2600V2; Serial: SN1106

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2600$ MHz; $\sigma = 1.981$ S/m; $\epsilon_r = 39.81$; $\rho = 1000$ 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)

Dipole/2600MHz Head Verification/Area Scan (6x11x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 3.99 W/kg

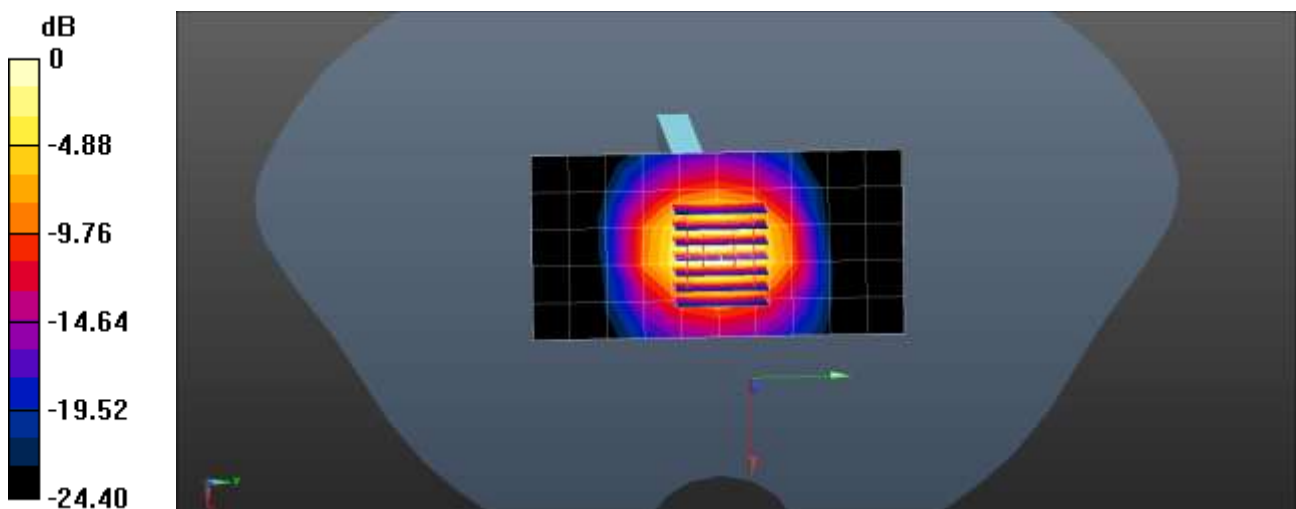
Dipole/2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 51.81 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 6.01 W/kg

SAR(1 g) = 2.78 W/kg; SAR(10 g) = 1.24 W/kg

Maximum value of SAR (measured) = 4.81 W/kg



0 dB = 4.81 W/kg = 6.82 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 22.9 °C
 Test Date: 03/15/2024

DUT: D2600V2 – SN1106; Type: D2600V2; Serial: SN1106

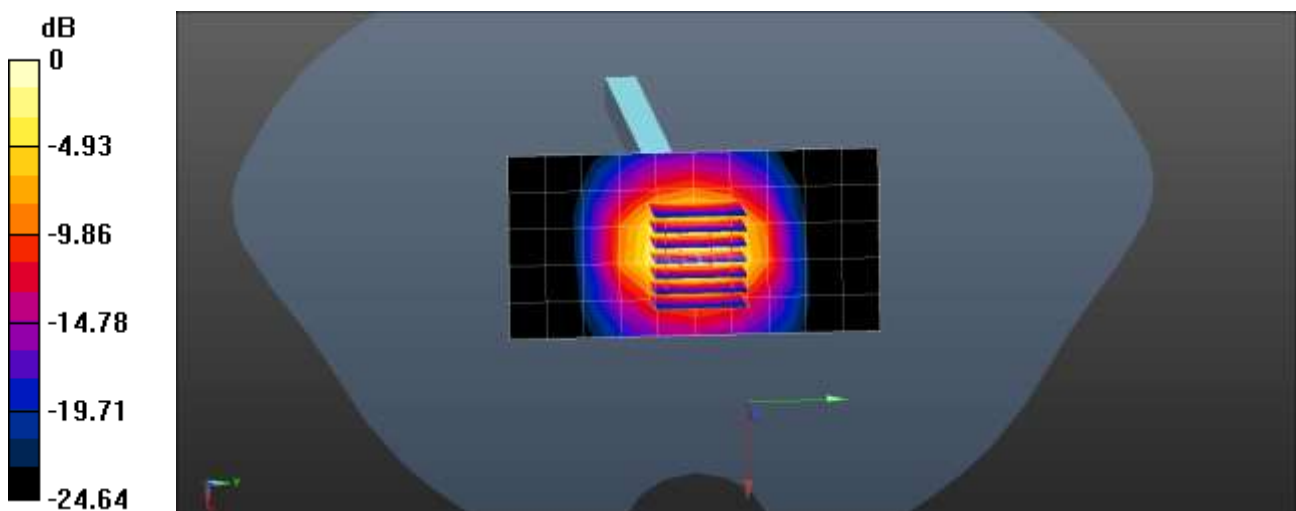
Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.007$ S/m; $\epsilon_r = 39.142$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

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)

Dipole/2600MHz Head Verification/Area Scan (6x11x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 4.05 W/kg

Dipole/2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 51.72 V/m; Power Drift = -0.12 dB
 Peak SAR (extrapolated) = 6.11 W/kg
SAR(1 g) = 2.82 W/kg; SAR(10 g) = 1.26 W/kg
 Maximum value of SAR (measured) = 4.89 W/kg



0 dB = 4.89 W/kg = 6.89 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 24.2 °C
 Test Date: 04/22/2024

DUT: D2600V2 – SN1106; Type: D2600V2; Serial: SN1106

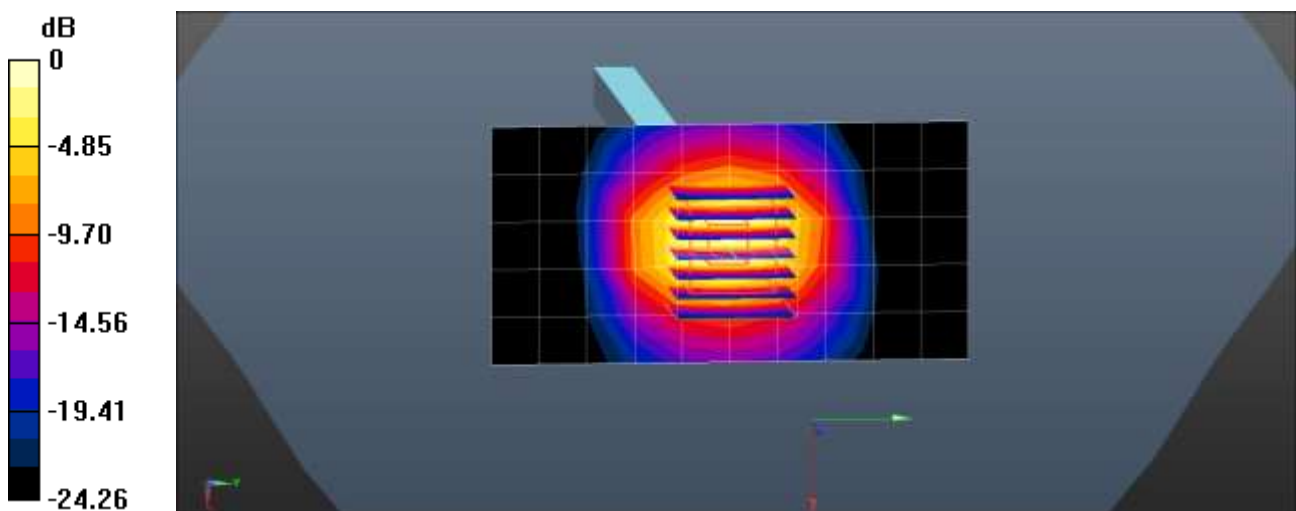
Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.008$ S/m; $\epsilon_r = 39.141$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

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)

Dipole/2600MHz Head Verification/Area Scan (6x1x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 3.56 W/kg

Dipole/2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 50.48 V/m; Power Drift = 0.00 dB
 Peak SAR (extrapolated) = 5.74 W/kg
SAR(1 g) = 2.66 W/kg; SAR(10 g) = 1.18 W/kg
 Maximum value of SAR (measured) = 4.60 W/kg



0 dB = 4.60 W/kg = 6.63 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 24.6 °C
 Test Date: 04/23/2024

DUT: D2600V2 – SN1106; Type: D2600V2; Serial: SN1106

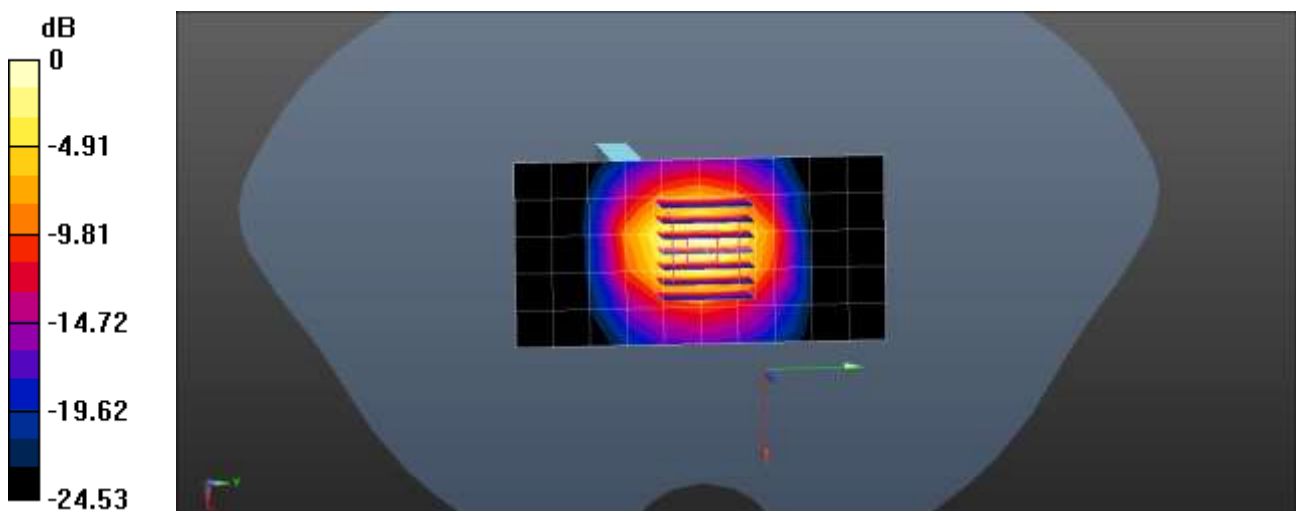
Communication System: UID 0, CW (0); Frequency: 2600 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.008$ S/m; $\epsilon_r = 39.139$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

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)

Dipole/2600MHz Head Verification/Area Scan (6x1x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 4.36 W/kg

Dipole/2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 50.99 V/m; Power Drift = 0.12 dB
 Peak SAR (extrapolated) = 6.16 W/kg
SAR(1 g) = 2.83 W/kg; SAR(10 g) = 1.26 W/kg
 Maximum value of SAR (measured) = 4.93 W/kg



0 dB = 4.93 W/kg = 6.93 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 22.2 °C
 Test Date: 03/19/2024

DUT: D2600V2 – SN1106; Type: D2600V2; Serial: SN1106

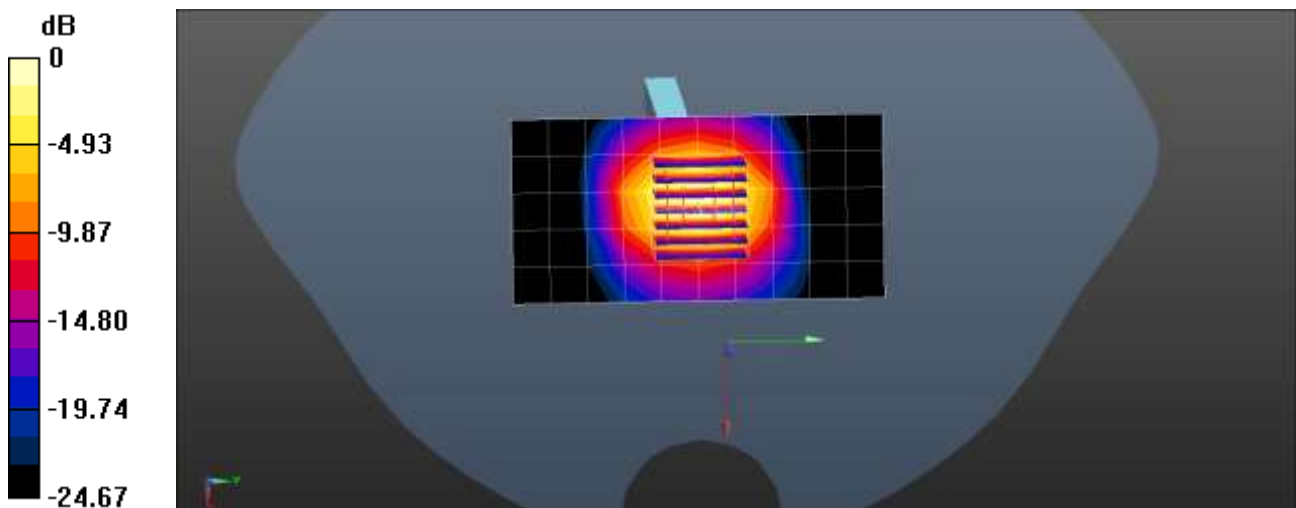
Communication System: UID 0, CW (0); Frequency: 2600 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.007$ S/m; $\epsilon_r = 39.134$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

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)

Dipole/2600MHz Head Verification/Area Scan (6x11x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 4.41 W/kg

Dipole/2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 51.41 V/m; Power Drift = 0.07 dB
 Peak SAR (extrapolated) = 6.17 W/kg
SAR(1 g) = 2.84 W/kg; SAR(10 g) = 1.26 W/kg
 Maximum value of SAR (measured) = 4.93 W/kg



0 dB = 4.93 W/kg = 6.93 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: 03/18/2024

DUT: D2600V2 – SN1106; Type: D2600V2; Serial: SN1106

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.008$ S/m; $\epsilon_r = 39.139$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

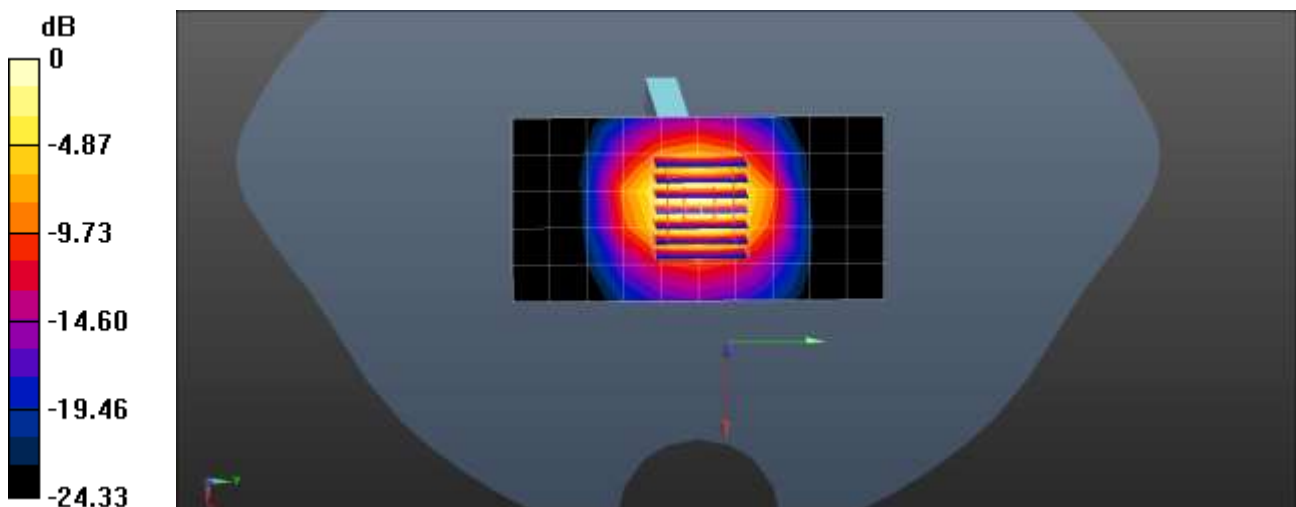
DASY5 Configuration:

- 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)

Dipole/2600MHz Head Verification/Area Scan (6x11x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 4.39 W/kg

Dipole/2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 51.21 V/m; Power Drift = 0.09 dB
 Peak SAR (extrapolated) = 6.19 W/kg
SAR(1 g) = 2.84 W/kg; SAR(10 g) = 1.26 W/kg
 Maximum value of SAR (measured) = 4.94 W/kg



0 dB = 4.94 W/kg = 6.94 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 22.5 °C
 Test Date: 03/20/2024

DUT: D2600V2 – SN1106; Type: D2600V2; Serial: SN1106

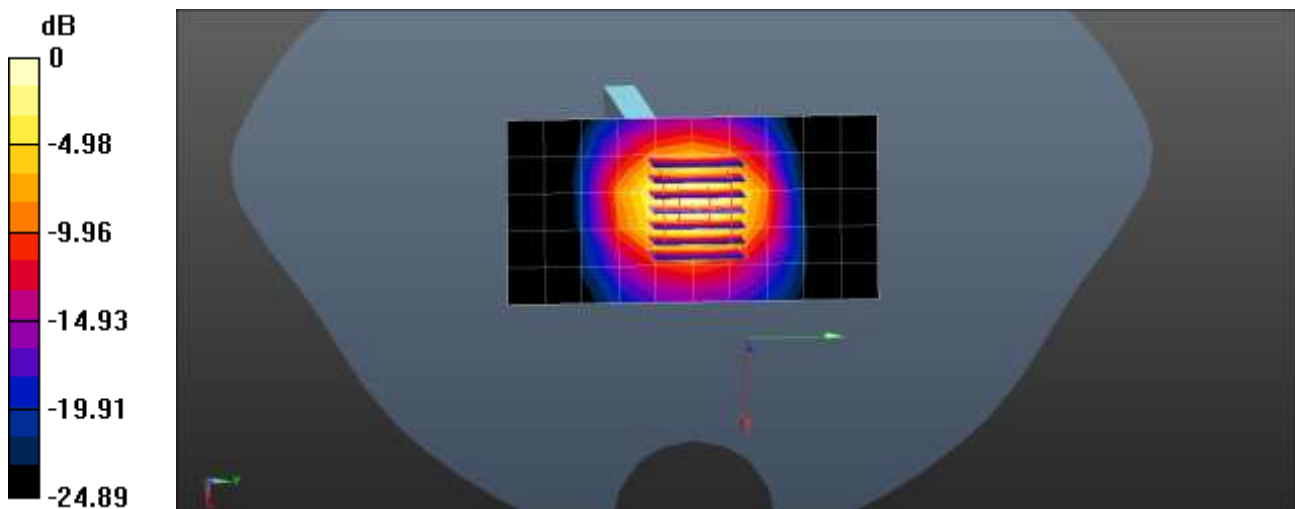
Communication System: UID 0, CW (0); Frequency: 2600 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.008$ S/m; $\epsilon_r = 39.139$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

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)

Dipole/2600MHz Head Verification/Area Scan (6x1x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 4.35 W/kg

Dipole/2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 51.20 V/m; Power Drift = -0.04 dB
 Peak SAR (extrapolated) = 6.17 W/kg
SAR(1 g) = 2.84 W/kg; SAR(10 g) = 1.26 W/kg
 Maximum value of SAR (measured) = 4.93 W/kg



0 dB = 4.93 W/kg = 6.93 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 20.4 °C
 Test Date: 03/18/2024

DUT: Dipole 3500 MHz D3500V2; Type: D3500V2; Serial: D3500V2 - SN:1132

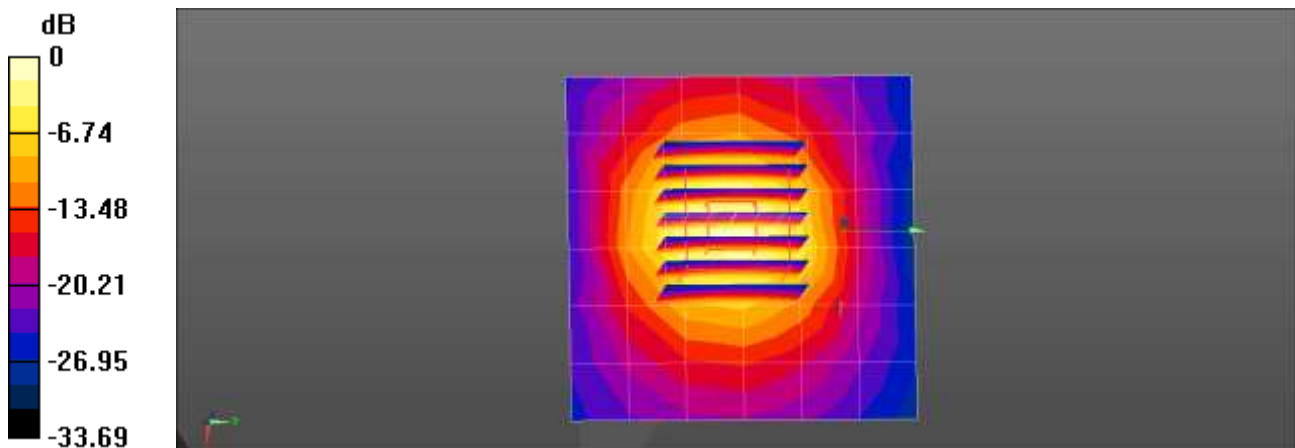
Communication System: UID 0, CW (0); Frequency: 3500 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 3500 \text{ MHz}$; $\sigma = 2.919 \text{ S/m}$; $\epsilon_r = 37.961$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

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)

Dipole/3500MHz Head Verification/Area Scan (7x7x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
 Maximum value of SAR (measured) = 5.14 W/kg

Dipole/3500MHz Head Verification/Zoom Scan (7x7x8)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=4\text{mm}$
 Reference Value = 44.90 V/m; Power Drift = 0.15 dB
 Peak SAR (extrapolated) = 8.40 W/kg
SAR(1 g) = 3.09 W/kg; SAR(10 g) = 1.15 W/kg
 Maximum value of SAR (measured) = 6.13 W/kg



0 dB = 6.13 W/kg = 7.87 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 19.2 °C
 Test Date: 03/19/2024

DUT: Dipole 3500 MHz D3500V2; Type: D3500V2; Serial: D3500V2 - SN:1132

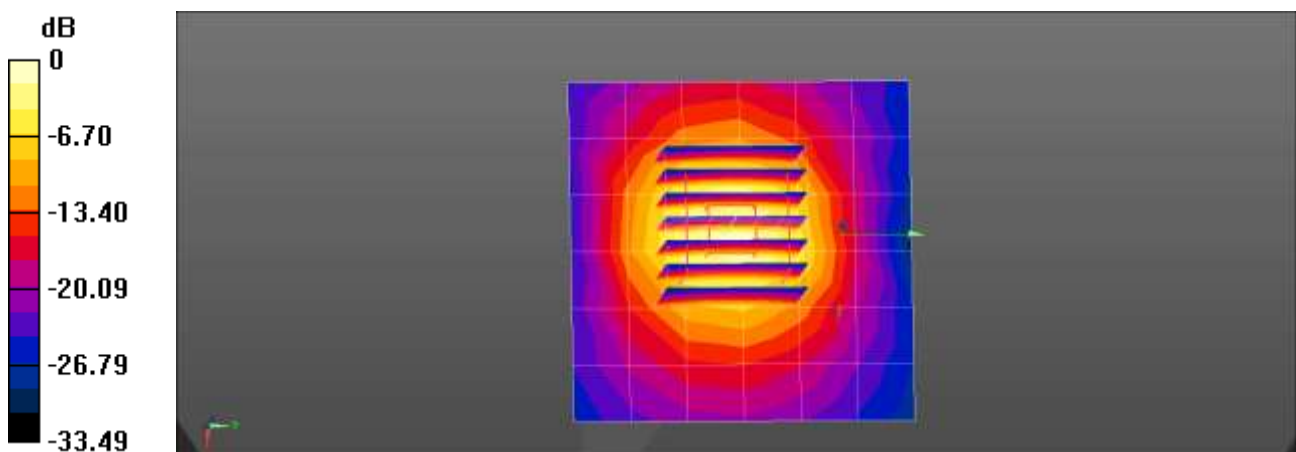
Communication System: UID 0, CW (0); Frequency: 3500 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 3500 \text{ MHz}$; $\sigma = 2.917 \text{ S/m}$; $\epsilon_r = 37.948$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

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)

Dipole/3500MHz Head Verification/Area Scan (7x7x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
 Maximum value of SAR (measured) = 5.13 W/kg

Dipole/3500MHz Head Verification/Zoom Scan (7x7x8)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=4\text{mm}$
 Reference Value = 44.67 V/m; Power Drift = 0.15 dB
 Peak SAR (extrapolated) = 8.46 W/kg
SAR(1 g) = 3.1 W/kg; SAR(10 g) = 1.16 W/kg
 Maximum value of SAR (measured) = 6.17 W/kg



0 dB = 6.17 W/kg = 7.90 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 19.0 °C
 Test Date: 03/20/2024

DUT: Dipole 3500 MHz D3500V2; Type: D3500V2; Serial: D3500V2 - SN:1132

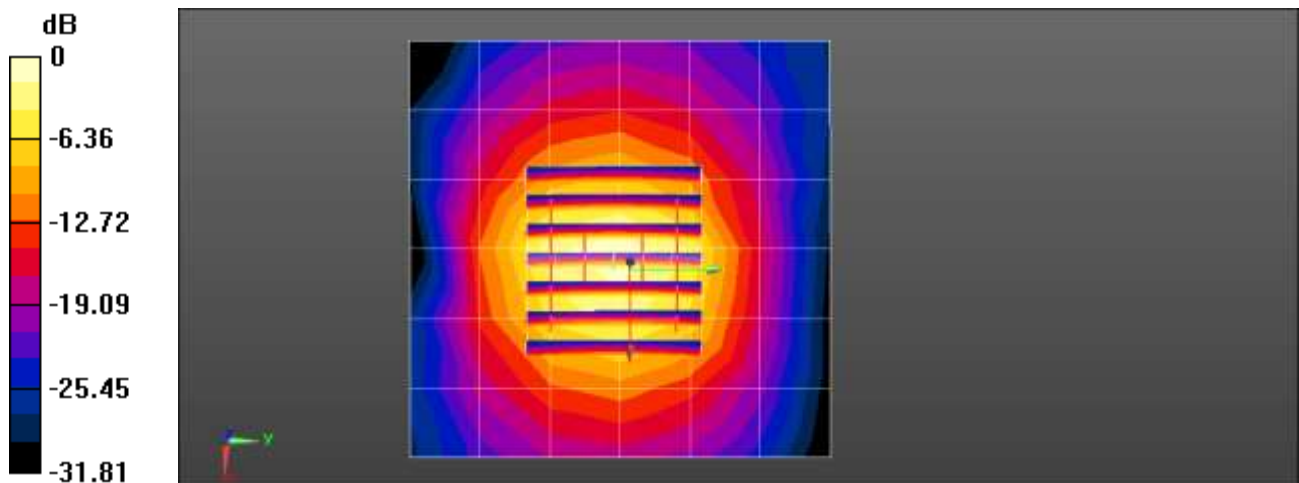
Communication System: UID 0, CW (0); Frequency: 3500 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 3500$ MHz; $\sigma = 2.917$ S/m; $\epsilon_r = 37.967$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

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) = 5.74 W/kg

3500MHz Head Verification/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm
 Reference Value = 47.56 V/m; Power Drift = -0.18 dB
 Peak SAR (extrapolated) = 8.78 W/kg
SAR(1 g) = 3.32 W/kg; SAR(10 g) = 1.27 W/kg
 Maximum value of SAR (measured) = 6.52 W/kg



0 dB = 6.52 W/kg = 8.14 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 20.2 °C
 Test Date: 03/21/2024

DUT: Dipole 3500 MHz D3500V2; Type: D3500V2; Serial: D3500V2 - SN:1132

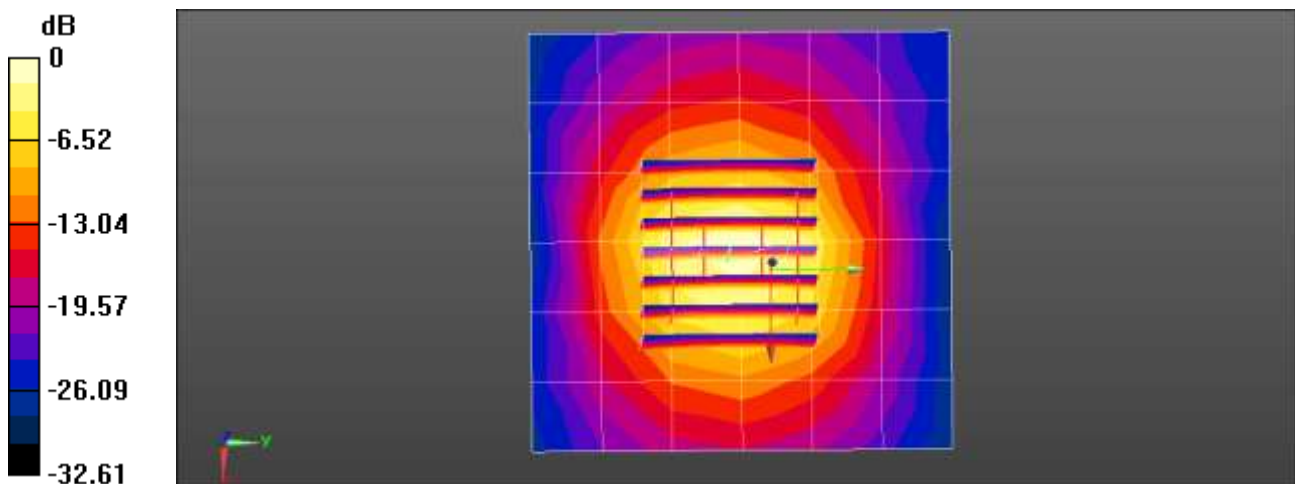
Communication System: UID 0, CW (0); Frequency: 3500 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 3500$ MHz; $\sigma = 2.917$ S/m; $\epsilon_r = 37.969$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

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)

Dipole/3500MHz Head Verification/Area Scan (7x7x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 5.74 W/kg

Dipole/3500MHz Head Verification/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm
 Reference Value = 47.80 V/m; Power Drift = -0.14 dB
 Peak SAR (extrapolated) = 8.62 W/kg
SAR(1 g) = 3.28 W/kg; SAR(10 g) = 1.25 W/kg
 Maximum value of SAR (measured) = 6.37 W/kg



0 dB = 6.37 W/kg = 8.04 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 20.5 °C
 Test Date: 03/22/2024

DUT: Dipole 3500 MHz D3500V2; Type: D3500V2; Serial: D3500V2 - SN:1132

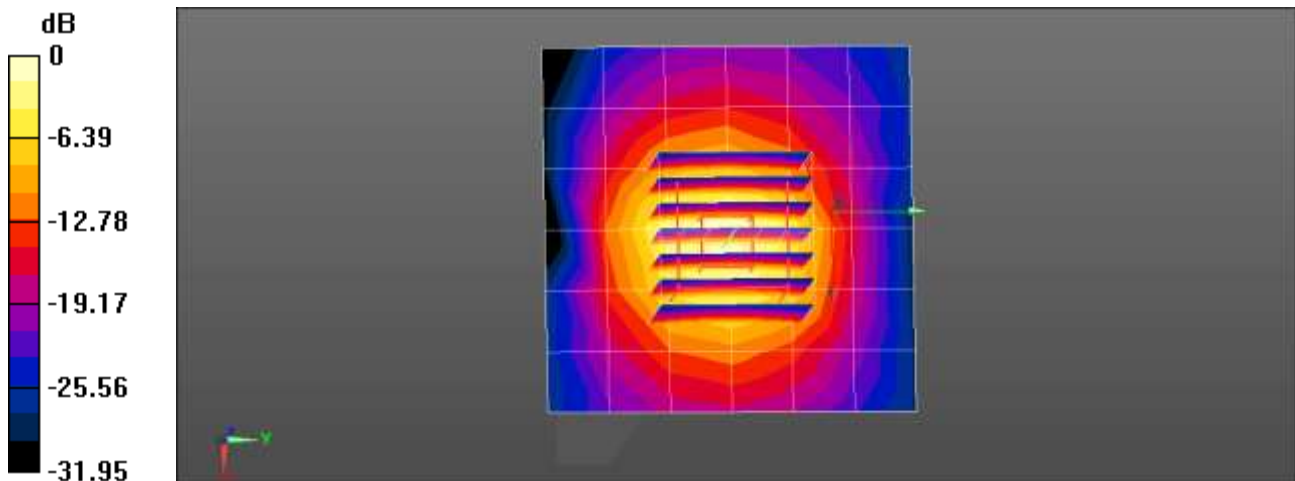
Communication System: UID 0, CW (0); Frequency: 3500 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 3500$ MHz; $\sigma = 2.923$ S/m; $\epsilon_r = 37.991$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

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)

Dipole/3500MHz Head Verification/Area Scan (7x7x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 5.73 W/kg

Dipole/3500MHz Head Verification/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm
 Reference Value = 47.37 V/m; Power Drift = -0.11 dB
 Peak SAR (extrapolated) = 8.68 W/kg
SAR(1 g) = 3.3 W/kg; SAR(10 g) = 1.26 W/kg
 Maximum value of SAR (measured) = 6.46 W/kg



0 dB = 6.46 W/kg = 8.10 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 20.4 °C
 Test Date: 03/15/2024

DUT: Dipole 3500 MHz D3500V2; Type: D3500V2; Serial: D3500V2 - SN:1132

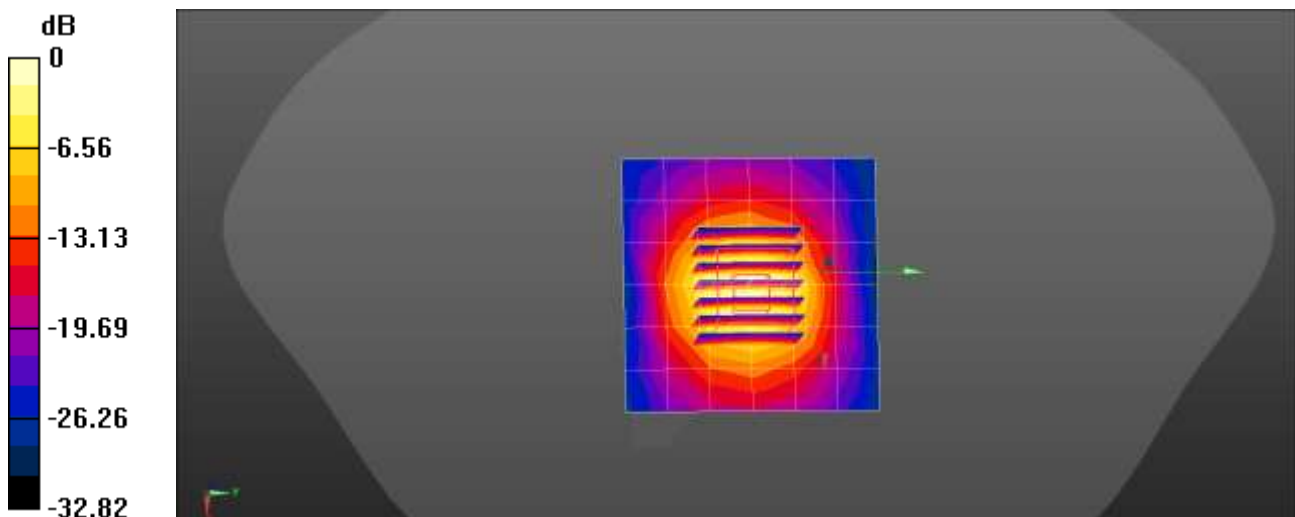
Communication System: UID 0, CW (0); Frequency: 3500 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 3500$ MHz; $\sigma = 2.911$ S/m; $\epsilon_r = 37.905$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

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)

Dipole/3500MHz Head Verification/Area Scan (7x7x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 5.99 W/kg

Dipole/3500MHz Head Verification/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm
 Reference Value = 48.19 V/m; Power Drift = -0.17 dB
 Peak SAR (extrapolated) = 8.57 W/kg
SAR(1 g) = 3.28 W/kg; SAR(10 g) = 1.24 W/kg
 Maximum value of SAR (measured) = 6.31 W/kg



0 dB = 6.31 W/kg = 8.00 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 19.4 °C
 Test Date: 03/14/2024

DUT: Dipole 3500 MHz D3500V2; Type: D3500V2; Serial: D3500V2 - SN:1132

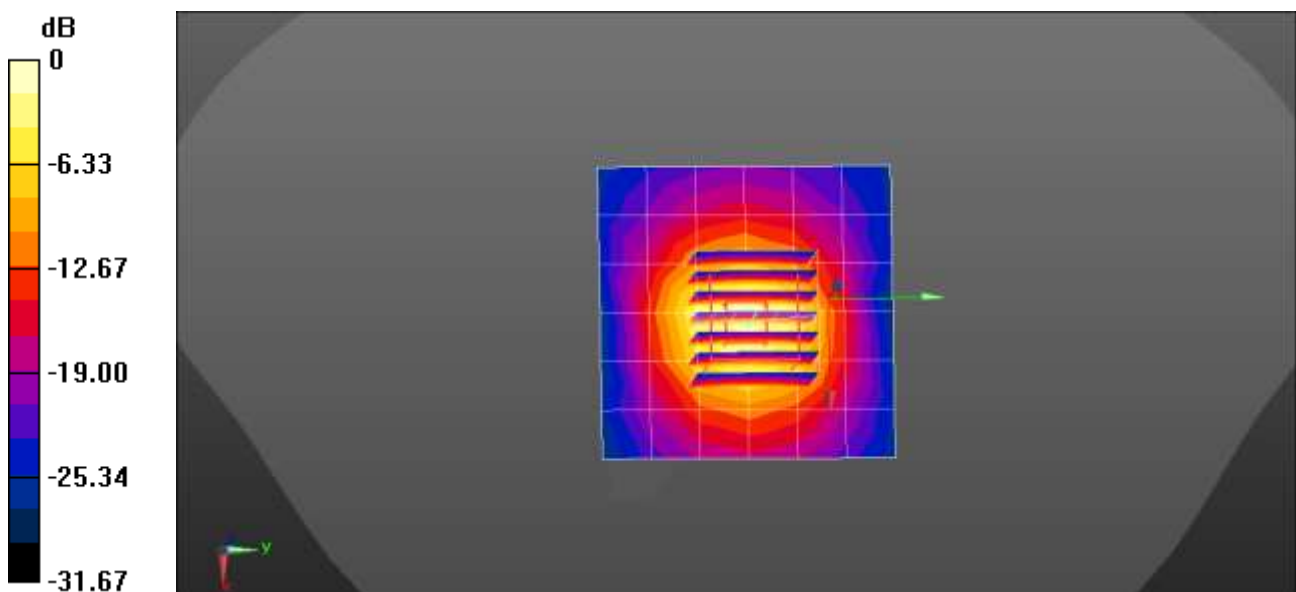
Communication System: UID 0, CW (0); Frequency: 3500 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 3500$ MHz; $\sigma = 2.914$ S/m; $\epsilon_r = 37.938$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

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)

Dipole/3500MHz Head Verification/Area Scan (7x7x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 5.72 W/kg

Dipole/3500MHz Head Verification/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm
 Reference Value = 47.59 V/m; Power Drift = -0.07 dB
 Peak SAR (extrapolated) = 8.70 W/kg
SAR(1 g) = 3.3 W/kg; SAR(10 g) = 1.26 W/kg
 Maximum value of SAR (measured) = 6.48 W/kg



0 dB = 6.48 W/kg = 8.12 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 22.1 °C
 Test Date: 03/21/2024

DUT: Dipole 3500 MHz D3500V2; Type: D3500V2; Serial: D3500V2 - SN:1132

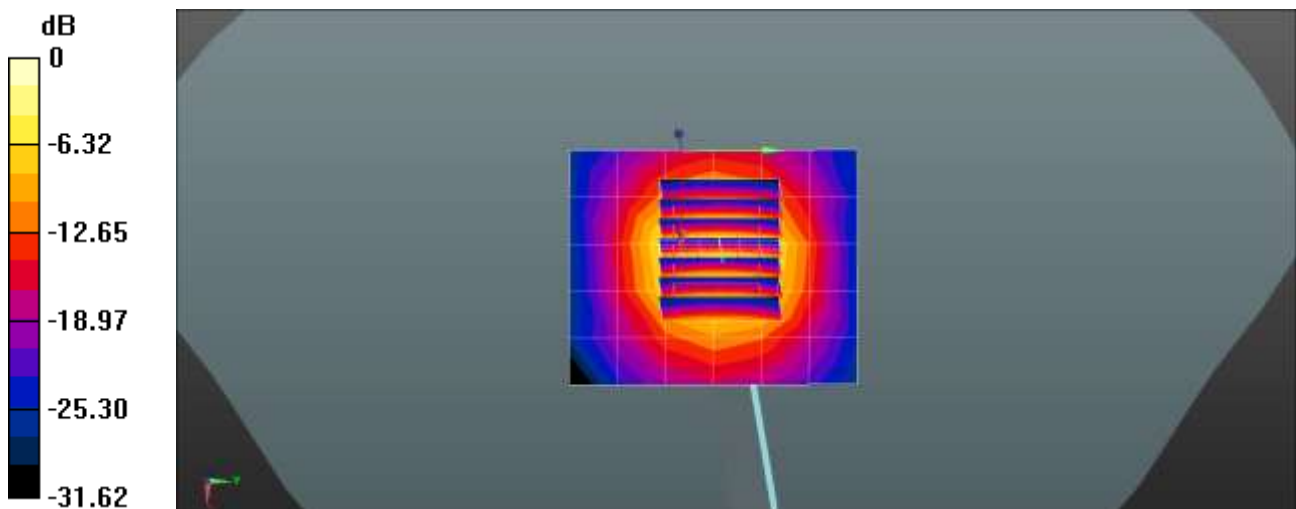
Communication System: UID 0, CW (0); Frequency: 3500 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 3500 \text{ MHz}$; $\sigma = 2.906 \text{ S/m}$; $\epsilon_r = 37.765$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(7.12, 6.66, 6.81) @ 3500 MHz; Calibrated: 2023-07-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1417; Calibrated: 2024-02-16
- Phantom: SAM_Front_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Dipole/3500MHz Head Verification/Area Scan (6x7x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
 Maximum value of SAR (measured) = 5.39 W/kg

Dipole/3500MHz Head Verification/Zoom Scan (7x7x8)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=4\text{mm}$
 Reference Value = 51.15 V/m; Power Drift = -0.13 dB
 Peak SAR (extrapolated) = 8.81 W/kg
SAR(1 g) = 3.21 W/kg; SAR(10 g) = 1.19 W/kg
 Maximum value of SAR (measured) = 6.45 W/kg



0 dB = 6.45 W/kg = 8.10 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 22.2 °C
 Test Date: 03/22/2024

DUT: Dipole 3500 MHz D3500V2; Type: D3500V2; Serial: D3500V2 - SN:1132

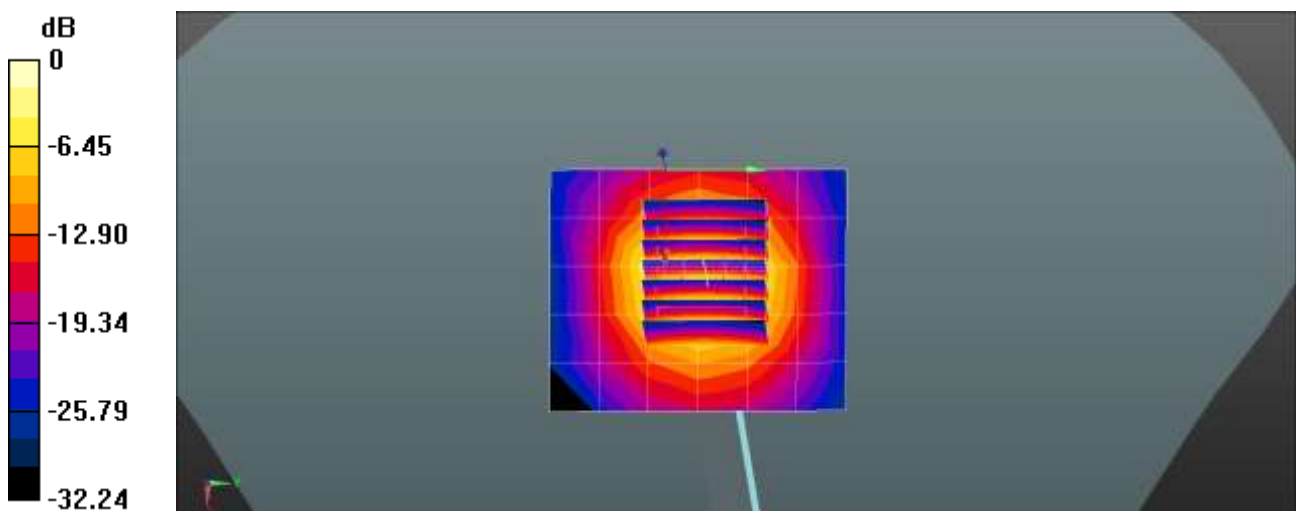
Communication System: UID 0, CW (0); Frequency: 3500 MHz;Duty Cycle: 1:1
 Medium parameters used: f = 3500 MHz; $\sigma = 2.907$ S/m; $\epsilon_r = 37.778$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(7.12, 6.66, 6.81) @ 3500 MHz; Calibrated: 2023-07-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1417; Calibrated: 2024-02-16
- Phantom: SAM_Front_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Dipole/3500MHz Head Verification/Area Scan (6x7x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 5.63 W/kg

Dipole/3500MHz Head Verification/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm
 Reference Value = 53.54 V/m; Power Drift = -0.16 dB
 Peak SAR (extrapolated) = 8.72 W/kg
SAR(1 g) = 3.2 W/kg; SAR(10 g) = 1.19 W/kg
 Maximum value of SAR (measured) = 6.37 W/kg



0 dB = 6.37 W/kg = 8.04 dBW/kg

■ Verification Data (3 500 Mhz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 22.3 °C
Test Date: 03/25/2024

DUT: Dipole 3500 MHz D3500V2; Type: D3500V2; Serial: D3500V2 - SN:1132

Communication System: UID 0, CW (0); Frequency: 3500 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 3500$ MHz; $\sigma = 2.907$ S/m; $\epsilon_r = 37.764$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(7.12, 6.66, 6.81) @ 3500 MHz; Calibrated: 2023-07-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1417; Calibrated: 2024-02-16
- Phantom: SAM_Front_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Dipole/3500MHz Head Verification/Area Scan (6x7x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 5.22 W/kg

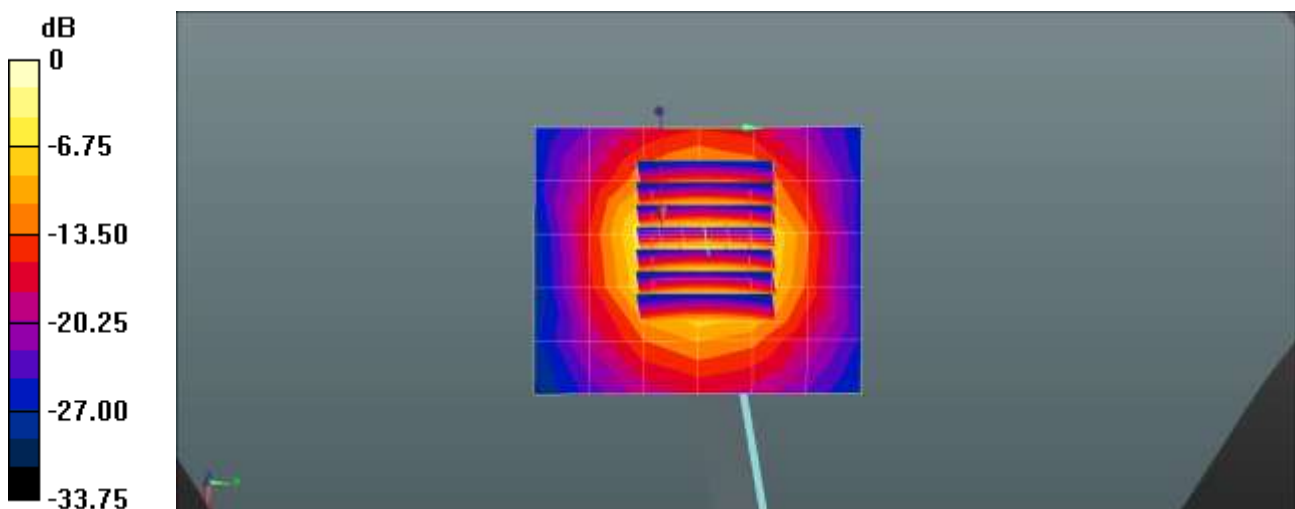
Dipole/3500MHz Head Verification/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 48.87 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 8.67 W/kg

SAR(1 g) = 3.19 W/kg; SAR(10 g) = 1.18 W/kg

Maximum value of SAR (measured) = 6.33 W/kg



0 dB = 6.33 W/kg = 8.01 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 20.4 °C
 Test Date: 03/18/2024

DUT: Dipole 3700 MHz D3700V2; Type: D3700V2; Serial: D3700V2 - SN:1105

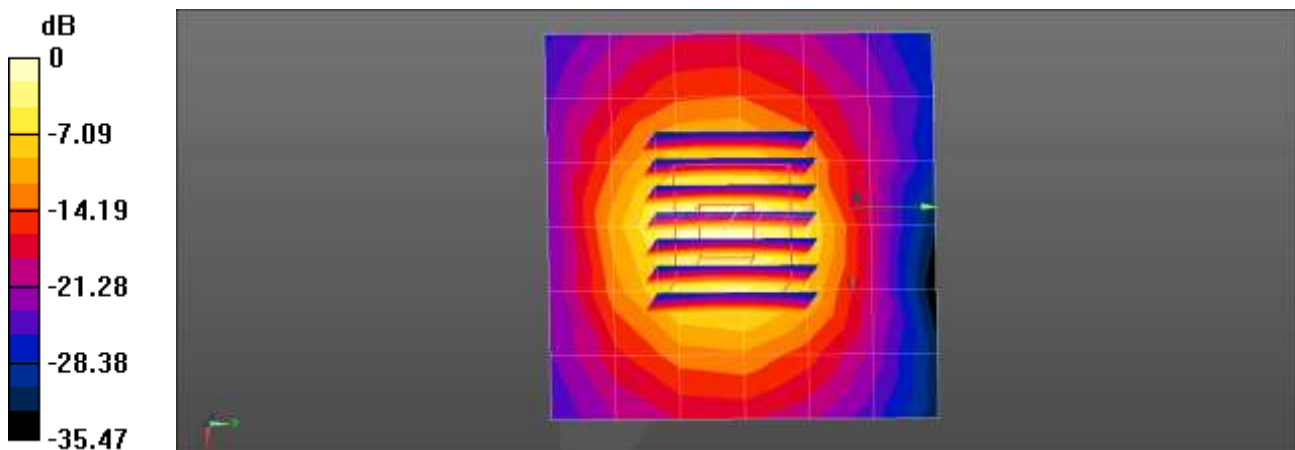
Communication System: UID 0, CW (0); Frequency: 3700 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 3700$ MHz; $\sigma = 3.094$ S/m; $\epsilon_r = 37.742$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

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)

Dipole/3700MHz Head Verification/Area Scan (7x7x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 5.95 W/kg

Dipole/3700MHz Head Verification/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm
 Reference Value = 46.89 V/m; Power Drift = -0.02 dB
 Peak SAR (extrapolated) = 9.11 W/kg
SAR(1 g) = 3.19 W/kg; SAR(10 g) = 1.16 W/kg
 Maximum value of SAR (measured) = 6.55 W/kg



0 dB = 6.55 W/kg = 8.16 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 19.2 °C
 Test Date: 03/19/2024

DUT: Dipole 3700 MHz D3700V2; Type: D3700V2; Serial: D3700V2 - SN:1105

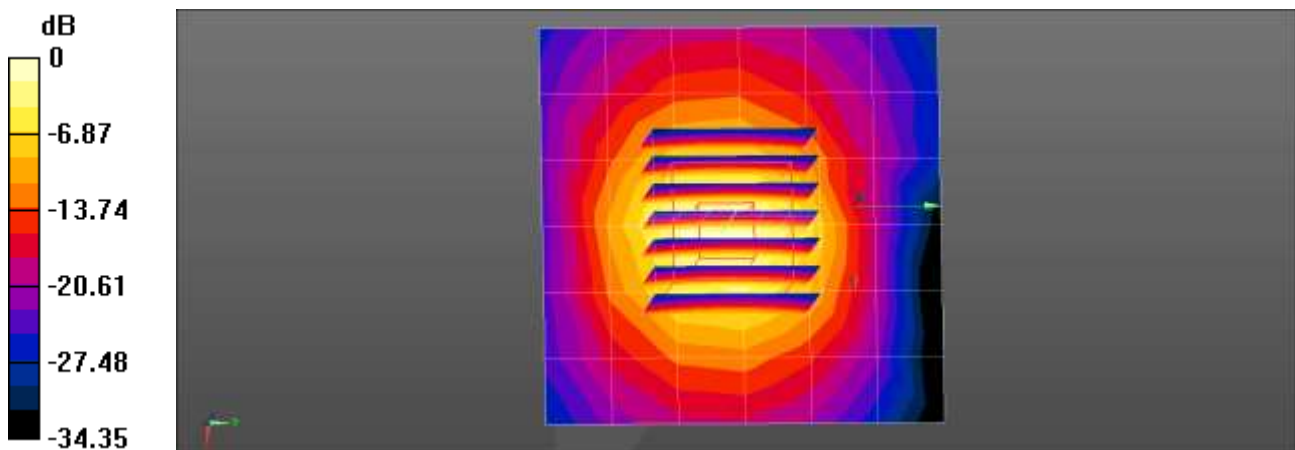
Communication System: UID 0, CW (0); Frequency: 3700 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 3700$ MHz; $\sigma = 3.091$ S/m; $\epsilon_r = 37.728$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

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)

Dipole/3700MHz Head Verification/Area Scan (7x7x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 6.01 W/kg

Dipole/3700MHz Head Verification/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm
 Reference Value = 46.82 V/m; Power Drift = -0.07 dB
 Peak SAR (extrapolated) = 9.20 W/kg
SAR(1 g) = 3.24 W/kg; SAR(10 g) = 1.18 W/kg
 Maximum value of SAR (measured) = 6.62 W/kg



0 dB = 6.62 W/kg = 8.21 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 19.0 °C
 Test Date: 03/20/2024

DUT: Dipole 3700 MHz D3700V2; Type: D3700V2; Serial: D3700V2 - SN:1105

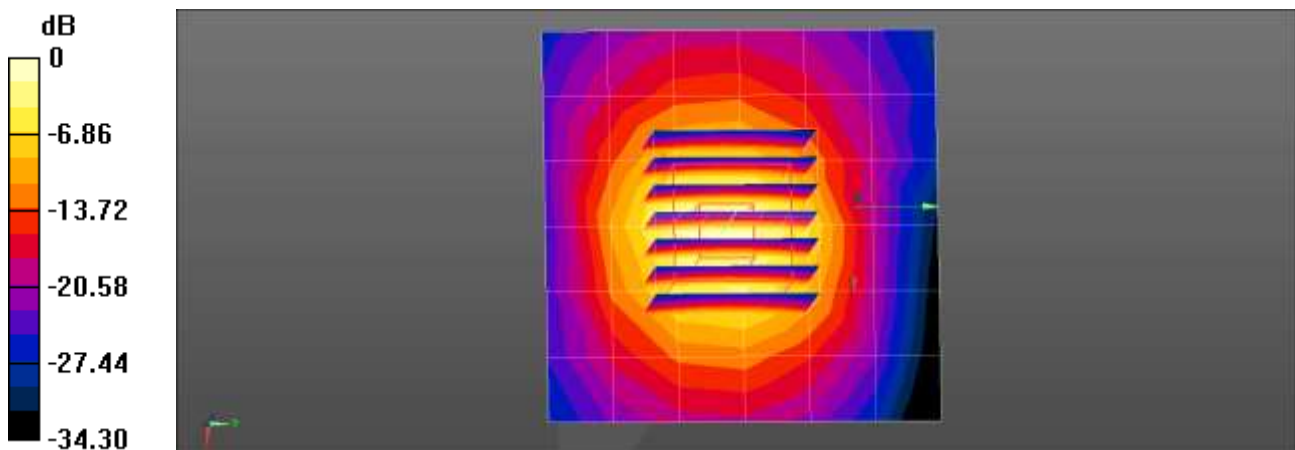
Communication System: UID 0, CW (0); Frequency: 3700 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 3700 \text{ MHz}$; $\sigma = 3.088 \text{ S/m}$; $\epsilon_r = 37.739$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

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)

Dipole/3700MHz Head Verification/Area Scan (7x7x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
 Maximum value of SAR (measured) = 5.99 W/kg

Dipole/3700MHz Head Verification/Zoom Scan (7x7x8)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=4\text{mm}$
 Reference Value = 46.62 V/m; Power Drift = 0.02 dB
 Peak SAR (extrapolated) = 9.28 W/kg
SAR(1 g) = 3.3 W/kg; SAR(10 g) = 1.22 W/kg
 Maximum value of SAR (measured) = 6.71 W/kg



0 dB = 6.71 W/kg = 8.27 dBW/kg

■ Verification Data (3 700 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 20.2 °C
Test Date: 03/21/2024

DUT: Dipole 3700 MHz D3700V2; Type: D3700V2; Serial: D3700V2 - SN:1105

Communication System: UID 0, CW (0); Frequency: 3700 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 3700$ MHz; $\sigma = 3.091$ S/m; $\epsilon_r = 37.743$; $\rho = 1000$ kg/m³
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)

Dipole/3700MHz Head Verification/Area Scan (7x7x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 6.09 W/kg

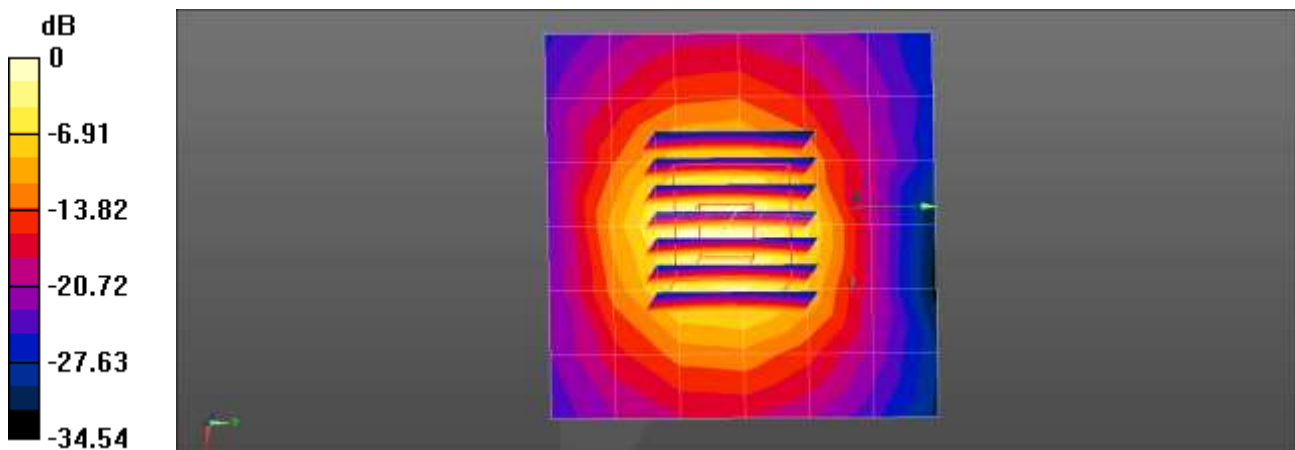
Dipole/3700MHz Head Verification/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 47.71 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 9.19 W/kg

SAR(1 g) = 3.25 W/kg; SAR(10 g) = 1.2 W/kg

Maximum value of SAR (measured) = 6.58 W/kg



0 dB = 6.58 W/kg = 8.18 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 20.5 °C
 Test Date: 03/22/2024

DUT: Dipole 3700 MHz D3700V2; Type: D3700V2; Serial: D3700V2 - SN:1105

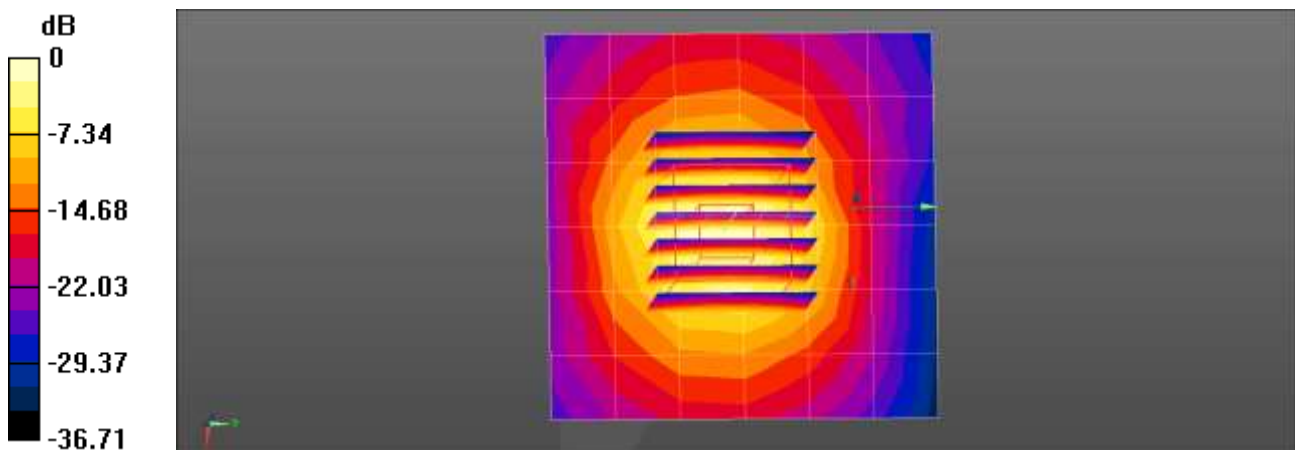
Communication System: UID 0, CW (0); Frequency: 3700 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 3700$ MHz; $\sigma = 3.092$ S/m; $\epsilon_r = 37.759$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

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)

Dipole/3700MHz Head Verification/Area Scan (7x7x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 5.95 W/kg

Dipole/3700MHz Head Verification/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm
 Reference Value = 46.95 V/m; Power Drift = -0.02 dB
 Peak SAR (extrapolated) = 9.18 W/kg
SAR(1 g) = 3.23 W/kg; SAR(10 g) = 1.19 W/kg
 Maximum value of SAR (measured) = 6.55 W/kg



0 dB = 6.55 W/kg = 8.16 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 20.4 °C
 Test Date: 03/15/2024

DUT: Dipole 3700 MHz D3700V2; Type: D3700V2; Serial: D3700V2 - SN:1105

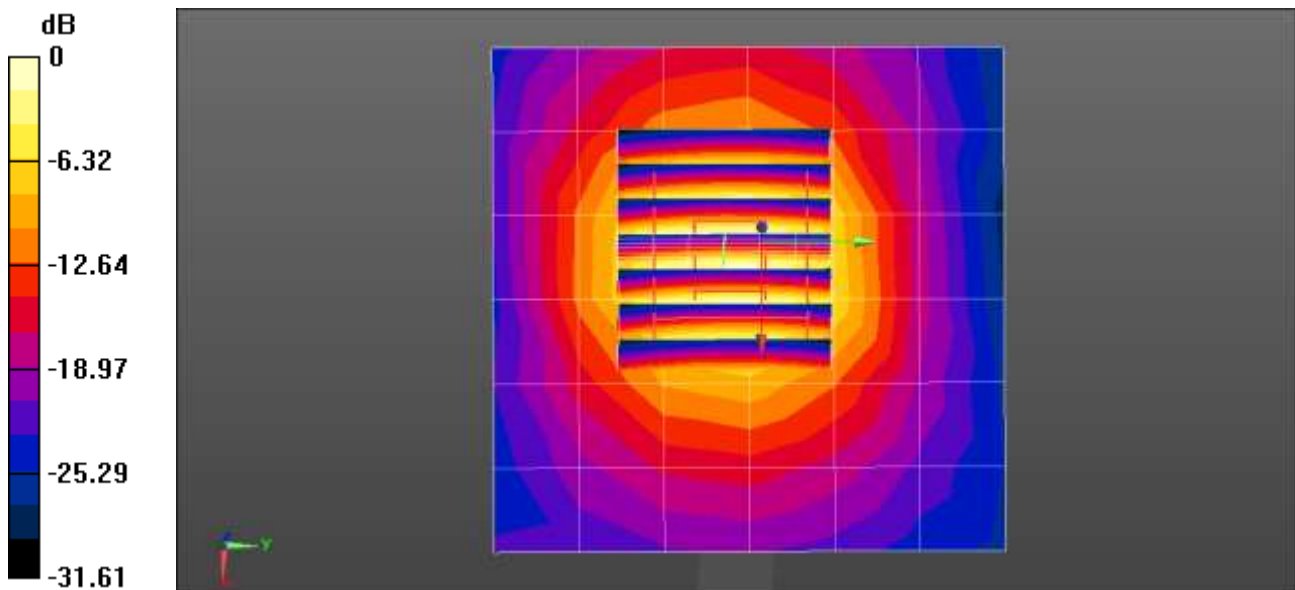
Communication System: UID 0, CW (0); Frequency: 3700 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 3700$ MHz; $\sigma = 3.083$ S/m; $\epsilon_r = 37.677$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

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) = 4.96 W/kg

3700MHz Head Verification/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm
 Reference Value = 44.70 V/m; Power Drift = 0.19 dB
 Peak SAR (extrapolated) = 9.20 W/kg
SAR(1 g) = 3.34 W/kg; SAR(10 g) = 1.24 W/kg
 Maximum value of SAR (measured) = 6.66 W/kg



0 dB = 6.66 W/kg = 8.23 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 19.4 °C
 Test Date: 03/14/2024

DUT: Dipole 3700 MHz D3700V2; Type: D3700V2; Serial: D3700V2 - SN:1105

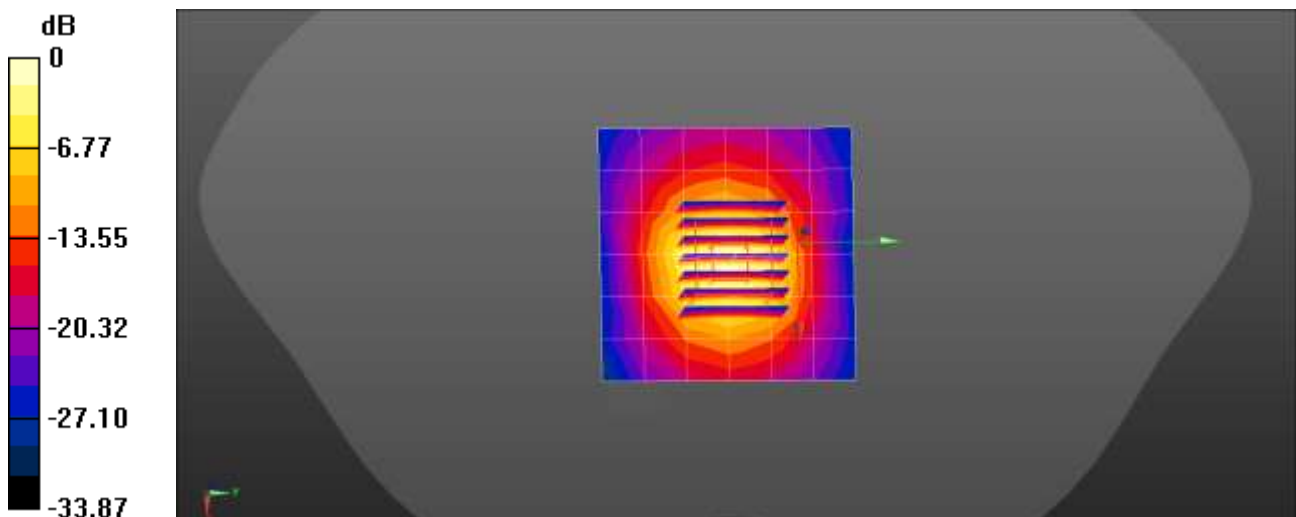
Communication System: UID 0, CW (0); Frequency: 3700 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 3700$ MHz; $\sigma = 3.085$ S/m; $\epsilon_r = 37.709$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

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)

Dipole/3700MHz Head Verification/Area Scan (7x7x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 6.00 W/kg

Dipole/3700MHz Head Verification/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm
 Reference Value = 46.96 V/m; Power Drift = -0.11 dB
 Peak SAR (extrapolated) = 9.37 W/kg
SAR(1 g) = 3.43 W/kg; SAR(10 g) = 1.28 W/kg
 Maximum value of SAR (measured) = 6.87 W/kg



0 dB = 6.87 W/kg = 8.37 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 22.1 °C
 Test Date: 03/21/2024

DUT: Dipole 3700 MHz D3700V2; Type: D3700V2; Serial: D3700V2 - SN:1105

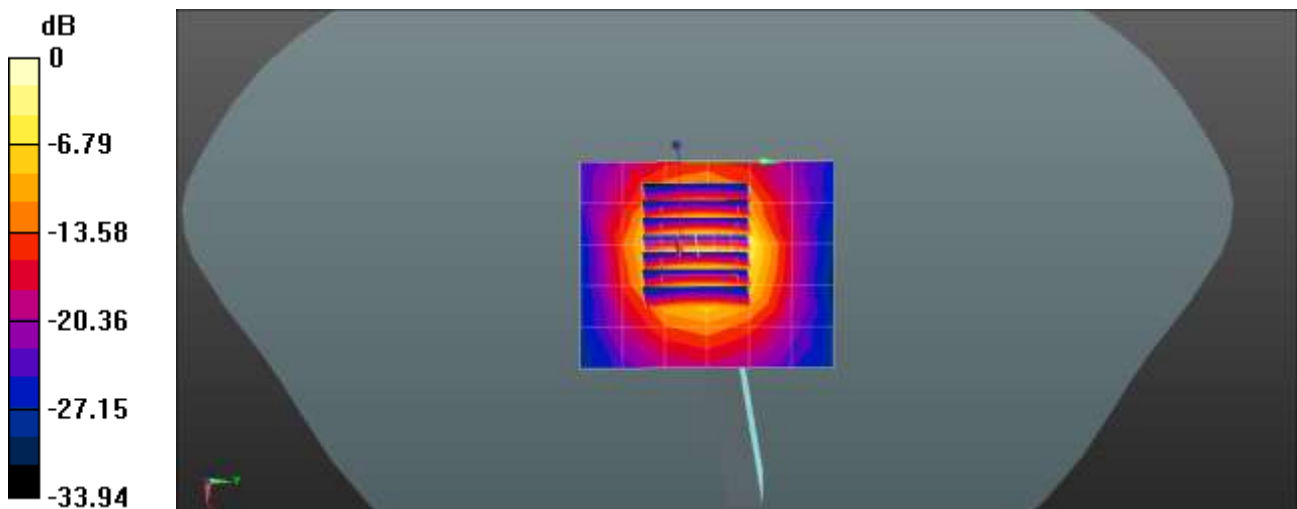
Communication System: UID 0, CW (0); Frequency: 3700 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 3700$ MHz; $\sigma = 3.078$ S/m; $\epsilon_r = 37.546$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(7.11, 6.68, 6.84) @ 3700 MHz; Calibrated: 2023-07-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1417; Calibrated: 2024-02-16
- Phantom: SAM_Front_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Dipole/3700MHz Head Verification/Area Scan (6x7x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 6.26 W/kg

Dipole/3700MHz Head Verification/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm
 Reference Value = 47.91 V/m; Power Drift = 0.19 dB
 Peak SAR (extrapolated) = 9.51 W/kg
SAR(1 g) = 3.36 W/kg; SAR(10 g) = 1.21 W/kg
 Maximum value of SAR (measured) = 6.84 W/kg



0 dB = 6.84 W/kg = 8.35 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 22.2 °C
 Test Date: 03/22/2024

DUT: Dipole 3700 MHz D3700V2; Type: D3700V2; Serial: D3700V2 - SN:1105

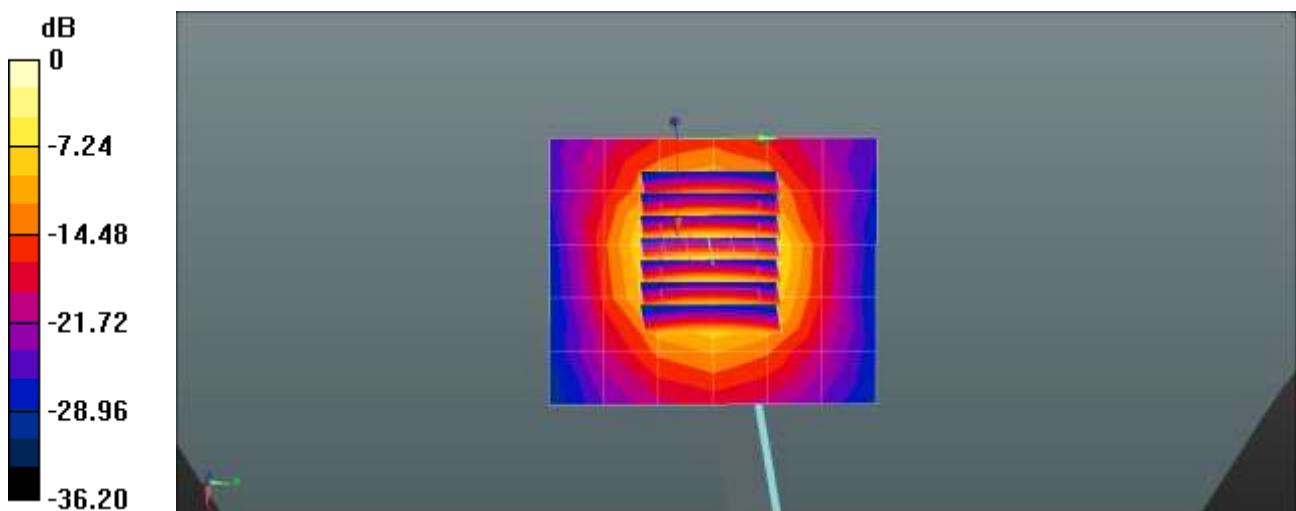
Communication System: UID 0, CW (0); Frequency: 3700 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 3700$ MHz; $\sigma = 3.078$ S/m; $\epsilon_r = 37.552$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(7.11, 6.68, 6.84) @ 3700 MHz; Calibrated: 2023-07-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1417; Calibrated: 2024-02-16
- Phantom: SAM_Front_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Dipole/3700MHz Head Verification/Area Scan (6x7x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 5.92 W/kg

Dipole/3700MHz Head Verification/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm
 Reference Value = 49.21 V/m; Power Drift = 0.14 dB
 Peak SAR (extrapolated) = 9.54 W/kg
SAR(1 g) = 3.37 W/kg; SAR(10 g) = 1.2 W/kg
 Maximum value of SAR (measured) = 6.85 W/kg



0 dB = 6.85 W/kg = 8.36 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 22.3 °C
 Test Date: 03/25/2024

DUT: Dipole 3700 MHz D3700V2; Type: D3700V2; Serial: D3700V2 - SN:1105

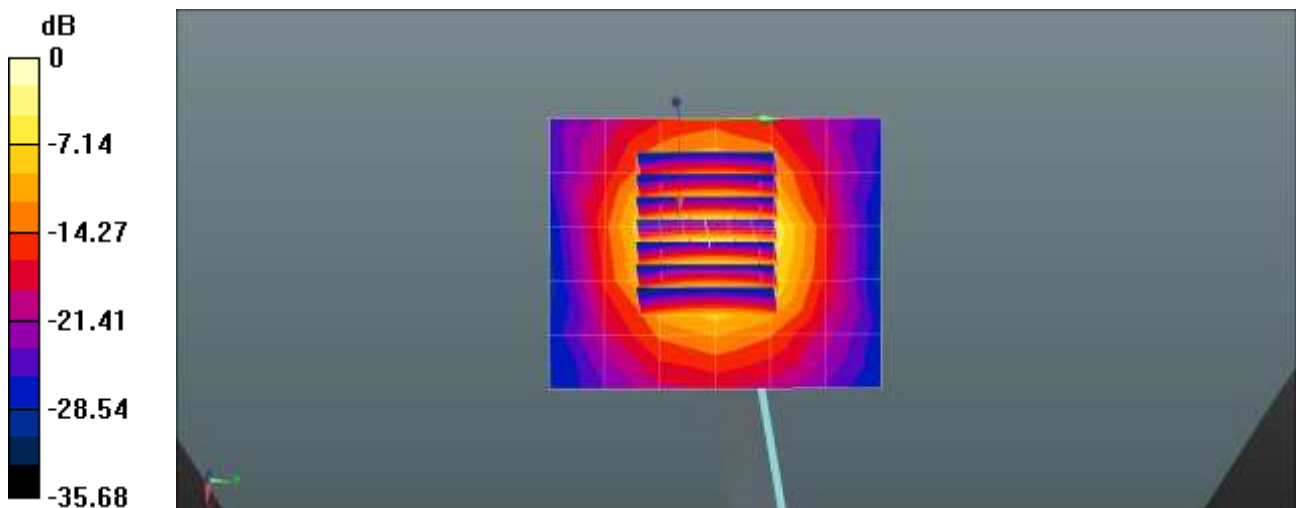
Communication System: UID 0, CW (0); Frequency: 3700 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 3700$ MHz; $\sigma = 3.078$ S/m; $\epsilon_r = 37.544$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(7.11, 6.68, 6.84) @ 3700 MHz; Calibrated: 2023-07-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1417; Calibrated: 2024-02-16
- Phantom: SAM_Front_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Dipole/3700MHz Head Verification/Area Scan (6x7x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 5.92 W/kg

Dipole/3700MHz Head Verification/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm
 Reference Value = 49.04 V/m; Power Drift = 0.15 dB
 Peak SAR (extrapolated) = 9.48 W/kg
SAR(1 g) = 3.36 W/kg; SAR(10 g) = 1.2 W/kg
 Maximum value of SAR (measured) = 6.76 W/kg



0 dB = 6.76 W/kg = 8.30 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 20.4 °C
 Test Date: 03/15/2024

DUT: D3900V2 - SN1019; Type: D3900V2; Serial: SN1019

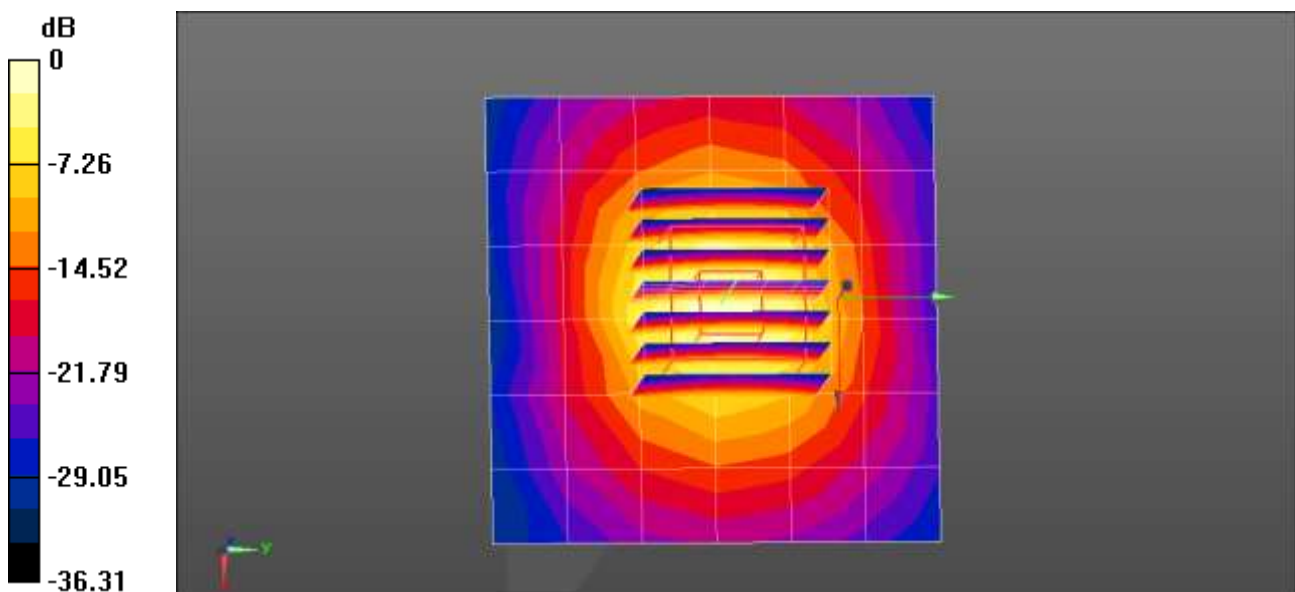
Communication System: UID 0, CW (0); Frequency: 3900 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 3900 \text{ MHz}$; $\sigma = 3.227 \text{ S/m}$; $\epsilon_r = 37.464$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

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)

Dipole/3900MHz Head Verification/Area Scan (7x7x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
 Maximum value of SAR (measured) = 6.77 W/kg

Dipole/3900MHz Head Verification/Zoom Scan (7x7x8)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=4\text{mm}$
 Reference Value = 48.36 V/m; Power Drift = 0.15 dB
 Peak SAR (extrapolated) = 10.1 W/kg
SAR(1 g) = 3.47 W/kg; SAR(10 g) = 1.23 W/kg
 Maximum value of SAR (measured) = 7.20 W/kg



0 dB = 7.20 W/kg = 8.57 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 19.4 °C
 Test Date: 03/14/2024

DUT: D3900V2 - SN1019; Type: D3900V2; Serial: SN1019

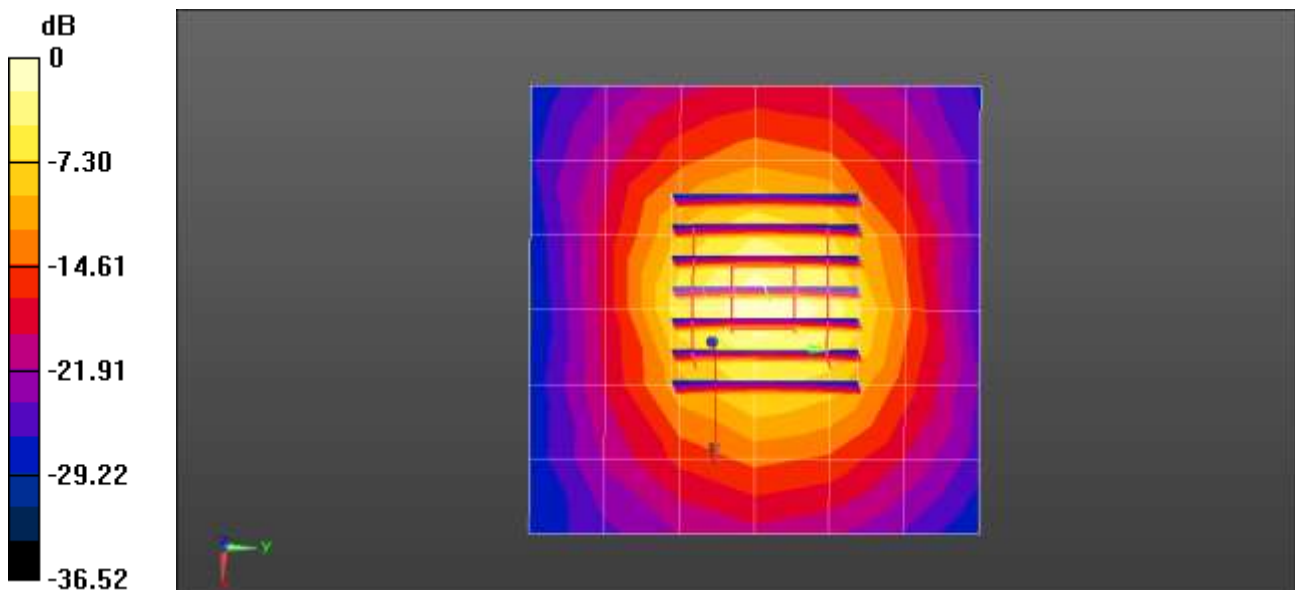
Communication System: UID 0, CW (0); Frequency: 3900 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 3900 \text{ MHz}$; $\sigma = 3.229 \text{ S/m}$; $\epsilon_r = 37.491$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

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)

Dipole/3900MHz Head Verification/Area Scan (7x7x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
 Maximum value of SAR (measured) = 6.99 W/kg

Dipole/3900MHz Head Verification/Zoom Scan (7x7x8)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=4\text{mm}$
 Reference Value = 49.36 V/m; Power Drift = 0.03 dB
 Peak SAR (extrapolated) = 9.93 W/kg
SAR(1 g) = 3.49 W/kg; SAR(10 g) = 1.24 W/kg
 Maximum value of SAR (measured) = 7.17 W/kg



0 dB = 7.17 W/kg = 8.56 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 22.1 °C
 Test Date: 03/21/2024

DUT: D3900V2 - SN1019; Type: D3900V2; Serial: SN1019

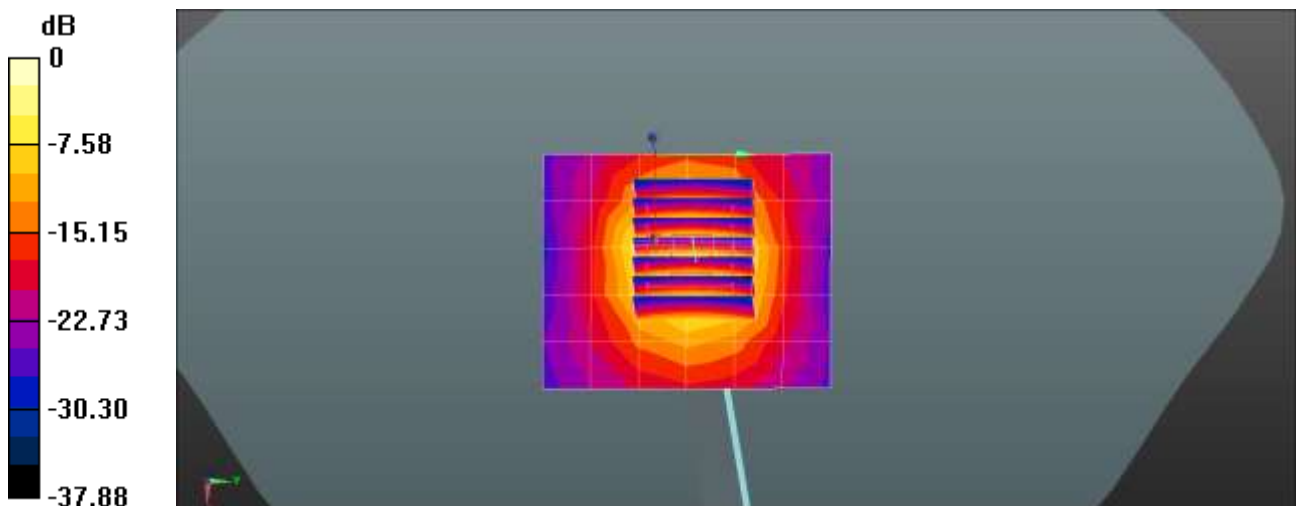
Communication System: UID 0, CW (0); Frequency: 3900 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 3900$ MHz; $\sigma = 3.221$ S/m; $\epsilon_r = 37.324$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(7.16, 6.69, 6.89) @ 3900 MHz; Calibrated: 2023-07-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1417; Calibrated: 2024-02-16
- Phantom: SAM_Front_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Dipole/3900MHz Head Verification/Area Scan (6x7x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 5.84 W/kg

Dipole/3900MHz Head Verification/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm
 Reference Value = 47.30 V/m; Power Drift = 0.14 dB
 Peak SAR (extrapolated) = 9.51 W/kg
SAR(1 g) = 3.2 W/kg; SAR(10 g) = 1.1 W/kg
 Maximum value of SAR (measured) = 6.73 W/kg



0 dB = 6.73 W/kg = 8.28 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 22.2 °C
 Test Date: 03/22/2024

DUT: D3900V2 - SN1019; Type: D3900V2; Serial: SN1019

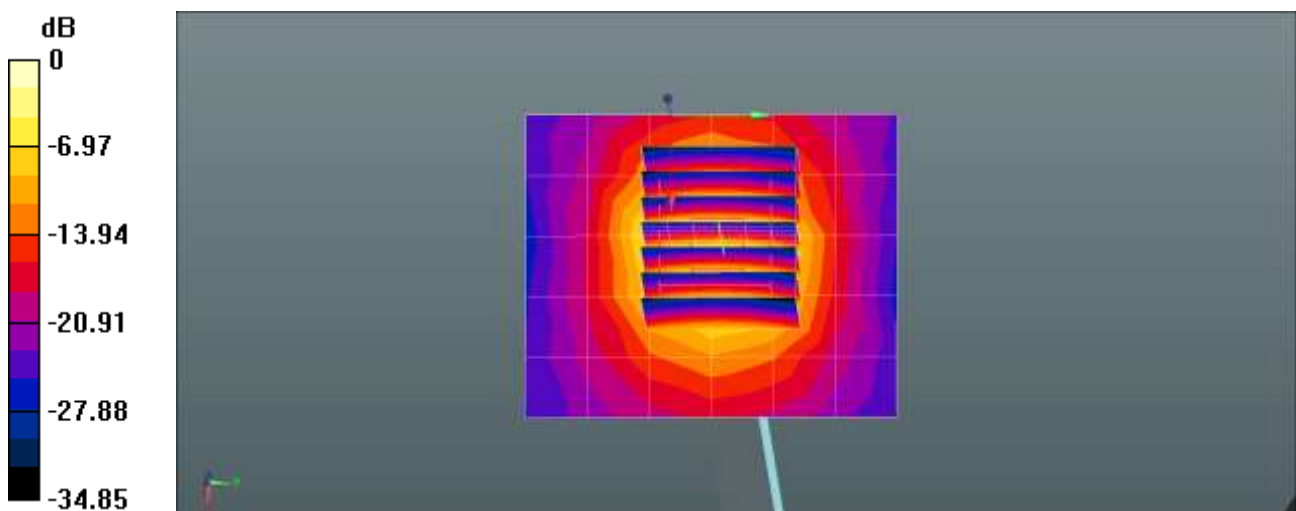
Communication System: UID 0, CW (0); Frequency: 3900 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 3900 \text{ MHz}$; $\sigma = 3.221 \text{ S/m}$; $\epsilon_r = 37.335$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(7.16, 6.69, 6.89) @ 3900 MHz; Calibrated: 2023-07-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1417; Calibrated: 2024-02-16
- Phantom: SAM_Front_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Dipole/3900MHz Head Verification/Area Scan (6x7x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
 Maximum value of SAR (measured) = 5.90 W/kg

Dipole/3900MHz Head Verification/Zoom Scan (7x7x8)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=4\text{mm}$
 Reference Value = 47.32 V/m; Power Drift = 0.15 dB
 Peak SAR (extrapolated) = 9.59 W/kg
SAR(1 g) = 3.23 W/kg; SAR(10 g) = 1.11 W/kg
 Maximum value of SAR (measured) = 6.80 W/kg



0 dB = 6.80 W/kg = 8.33 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 22.3 °C
 Test Date: 03/25/2024

DUT: D3900V2 - SN1019; Type: D3900V2; Serial: SN1019

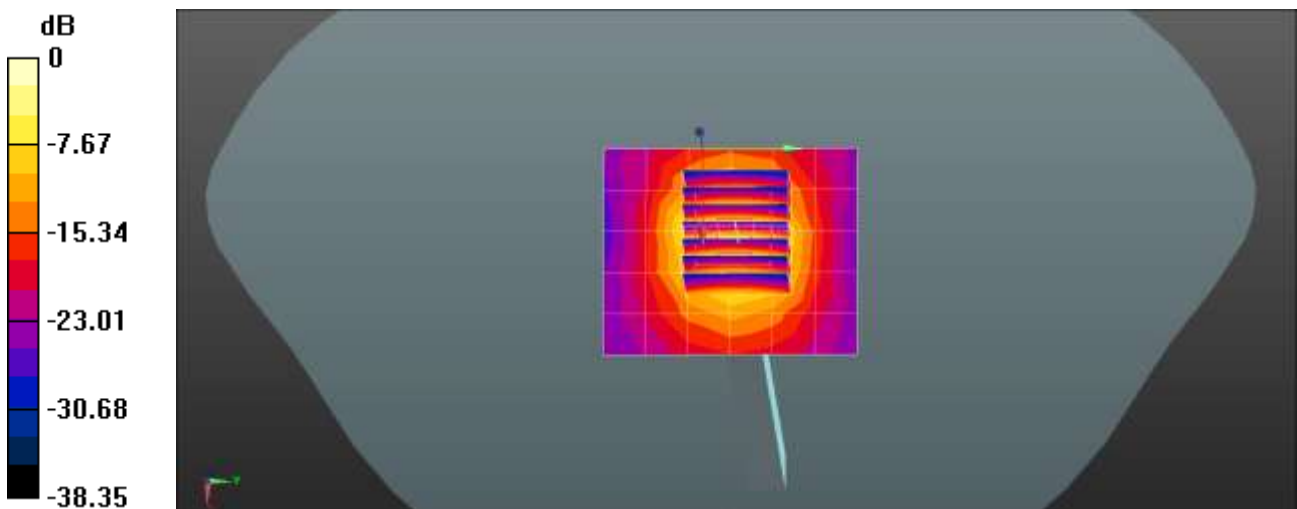
Communication System: UID 0, CW (0); Frequency: 3900 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 3900 \text{ MHz}$; $\sigma = 3.221 \text{ S/m}$; $\epsilon_r = 37.329$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(7.16, 6.69, 6.89) @ 3900 MHz; Calibrated: 2023-07-19
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1417; Calibrated: 2024-02-16
- Phantom: SAM_Front_2011217; Type: QD000P40CB; Serial: 1514
- Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Dipole/3900MHz Head Verification/Area Scan (6x7x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$
 Maximum value of SAR (measured) = 5.94 W/kg

Dipole/3900MHz Head Verification/Zoom Scan (7x7x8)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=4\text{mm}$
 Reference Value = 47.29 V/m; Power Drift = 0.10 dB
 Peak SAR (extrapolated) = 9.57 W/kg
SAR(1 g) = 3.21 W/kg; SAR(10 g) = 1.1 W/kg
 Maximum value of SAR (measured) = 6.78 W/kg



0 dB = 6.78 W/kg = 8.31 dBW/kg

Extremity SAR

■ Verification Data (13 MHz Head)

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

DUT: CLA-13; Type: CLA-13; Serial: 1016

Communication System: UID 0, NFC (0); Frequency: 13 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 13 \text{ MHz}$; $\sigma = 0.736 \text{ S/m}$; $\epsilon_r = 54.085$; $\rho = 1000 \text{ kg/m}^3$
 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; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

CLA-13/13MHz Head Verification/Area Scan (19x19x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.0326 W/kg

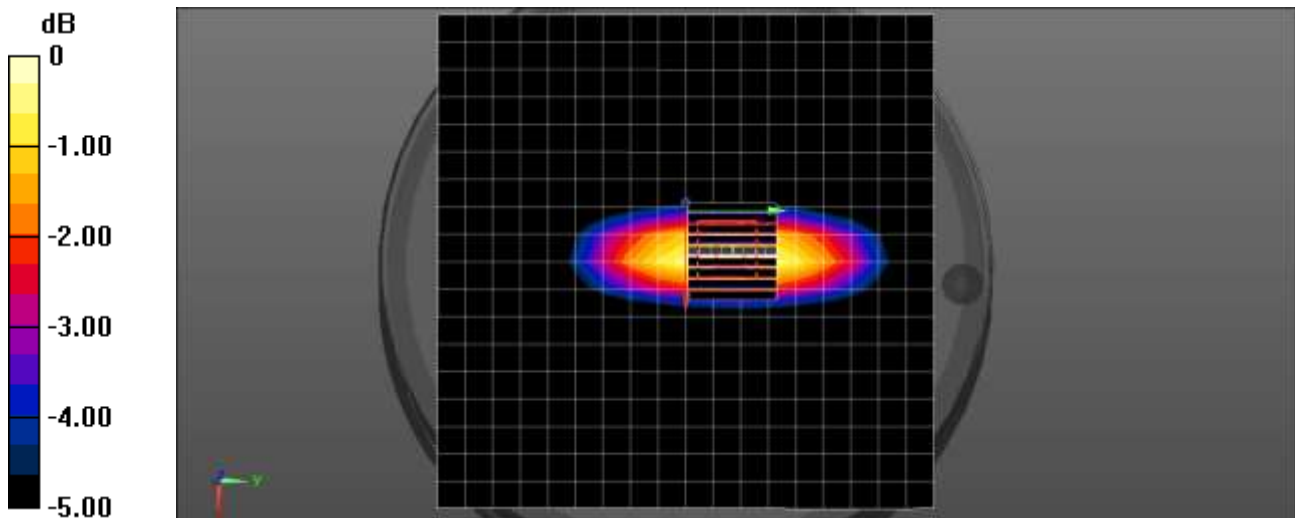
CLA-13/13MHz Head Verification/Zoom Scan (9x9x8)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 6.597 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.0590 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 (1 800 MHz Head)**

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 22.5 °C
 Test Date: 04/23/2024

DUT: Dipole 1800 MHz; Type: D1800V2; Serial: D1800V2 - SN:2d015

Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1800$ MHz; $\sigma = 1.423$ S/m; $\epsilon_r = 40.991$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7680; ConvF(9.1, 9.1, 9.1) @ 1800 MHz; Calibrated: 2023-05-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1225; Calibrated: 2024-02-15
- 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)

Dipole/1800MHz Head Verification/Area Scan (7x8x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 2.68 W/kg

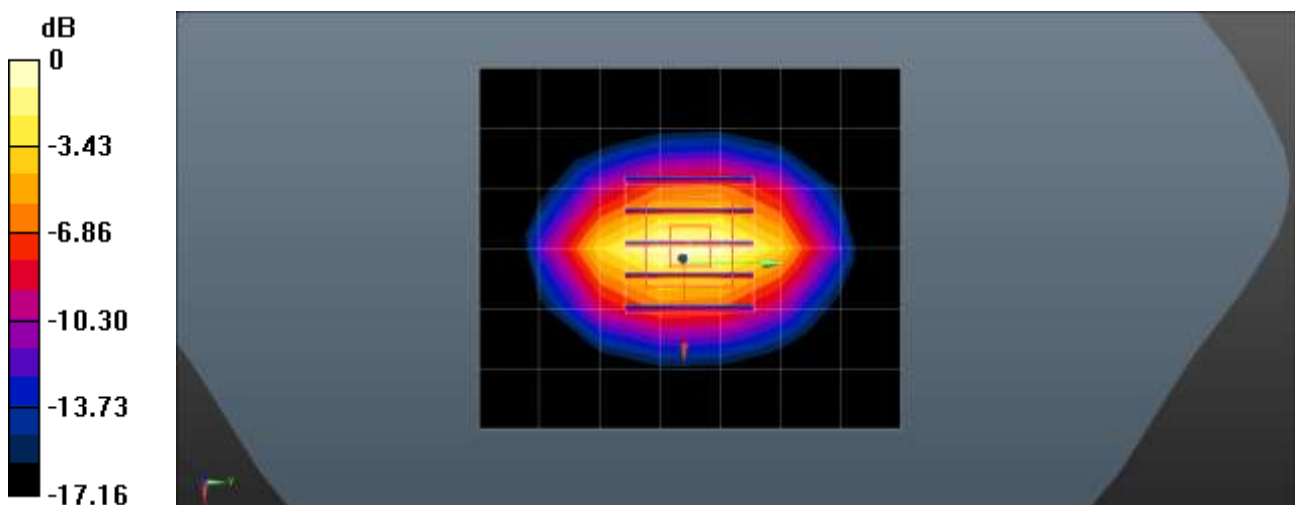
Dipole/1800MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 46.76 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 3.49 W/kg

SAR(1 g) = 1.9 W/kg; SAR(10 g) = 1.000 W/kg

Maximum value of SAR (measured) = 2.96 W/kg



0 dB = 2.96 W/kg = 4.71 dBW/kg

Verification Data (1 800 MHz Head)

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 22.2 °C
 Test Date: 04/24/2024

DUT: Dipole 1800 MHz; Type: D1800V2; Serial: D1800V2 - SN:2d015

Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1800 \text{ MHz}$; $\sigma = 1.405 \text{ S/m}$; $\epsilon_r = 41.196$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7680; ConvF(9.1, 9.1, 9.1) @ 1800 MHz; Calibrated: 2023-05-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1225; Calibrated: 2024-02-15
- 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)

Dipole/1800MHz Head Verification/Area Scan (7x8x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 2.67 W/kg

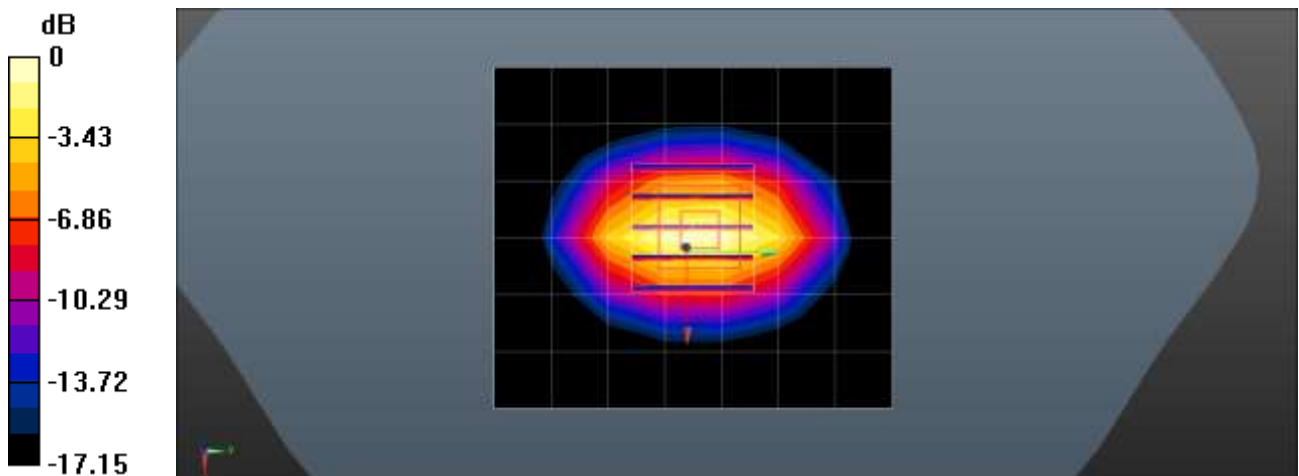
Dipole/1800MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 46.91 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 3.45 W/kg

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

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



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

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 21.0 °C
 Test Date: 04/13/2024

DUT: Dipole 1800 MHz; Type: D1800V2; Serial: D1800V2 - SN:2d015

Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1800 \text{ MHz}$; $\sigma = 1.367 \text{ S/m}$; $\epsilon_r = 41.303$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(8.66, 8.66, 8.66) @ 1800 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(Right); Type: QD000P40CD; Serial: TP:xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Dipole/1800MHz Head Verification/Area Scan (7x7x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 2.92 W/kg

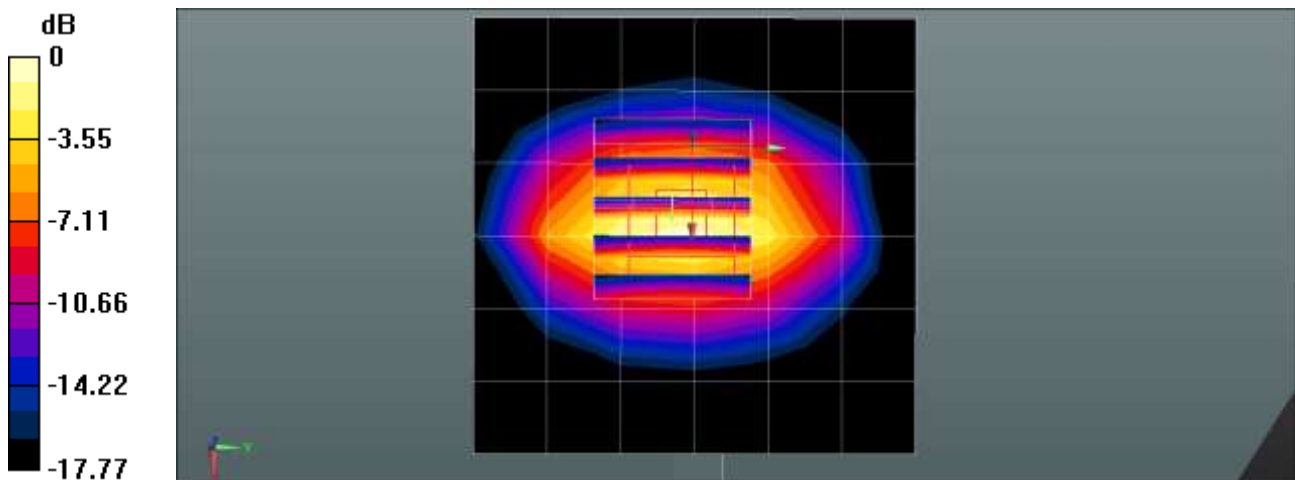
Dipole/1800MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 47.57 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 3.87 W/kg

SAR(1 g) = 1.98 W/kg; SAR(10 g) = 1.02 W/kg

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



0 dB = 3.19 W/kg = 5.04 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 21.8 °C
 Test Date: 03/31/2024

DUT: D1900V2 - SN5d032; Type: D1900V2; Serial: SN5d032

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.389$ S/m; $\epsilon_r = 38.808$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7680; ConvF(8.47, 8.47, 8.47) @ 1900 MHz; Calibrated: 2023-05-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1225; Calibrated: 2024-02-15
- 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)

Dipole/1900MHz Head Verification/Area Scan (7x8x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 2.88 W/kg

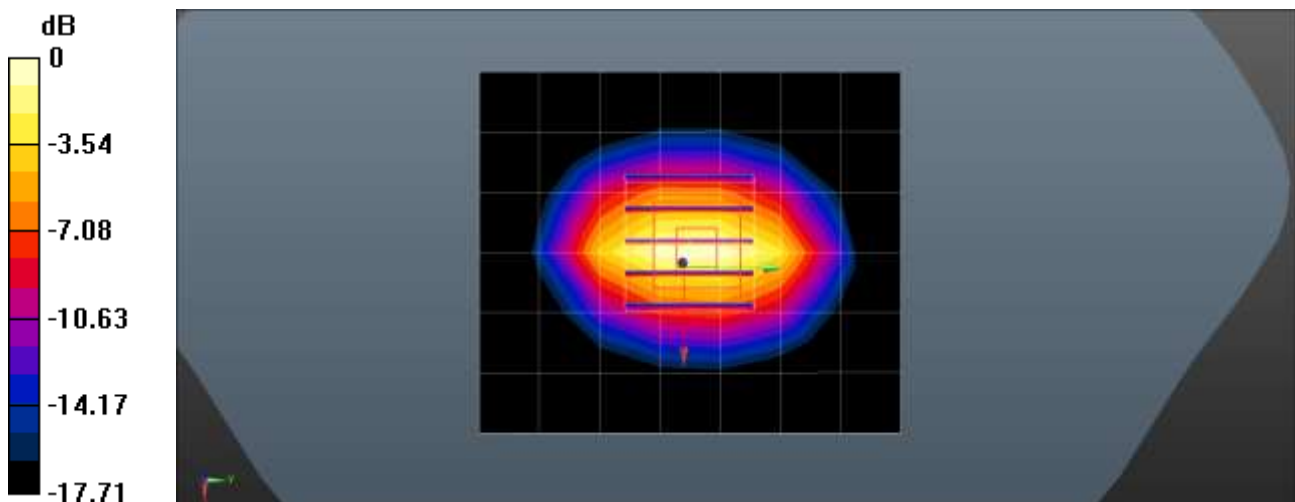
Dipole/1900MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 48.49 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.60 W/kg

SAR(1 g) = 1.97 W/kg; SAR(10 g) = 1.03 W/kg

Maximum value of SAR (measured) = 3.04 W/kg



0 dB = 3.04 W/kg = 4.83 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: 04/13/2024

DUT: D1900V2 - SN5d032; Type: D1900V2; Serial: SN5d032

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1900$ MHz; $\sigma = 1.454$ S/m; $\epsilon_r = 40.918$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(8.29, 8.29, 8.29) @ 1900 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 (3); SEMCAD X Version 14.6.13 (7501)

Dipole/1900MHz Head Verification/Area Scan (7x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 3.11 W/kg

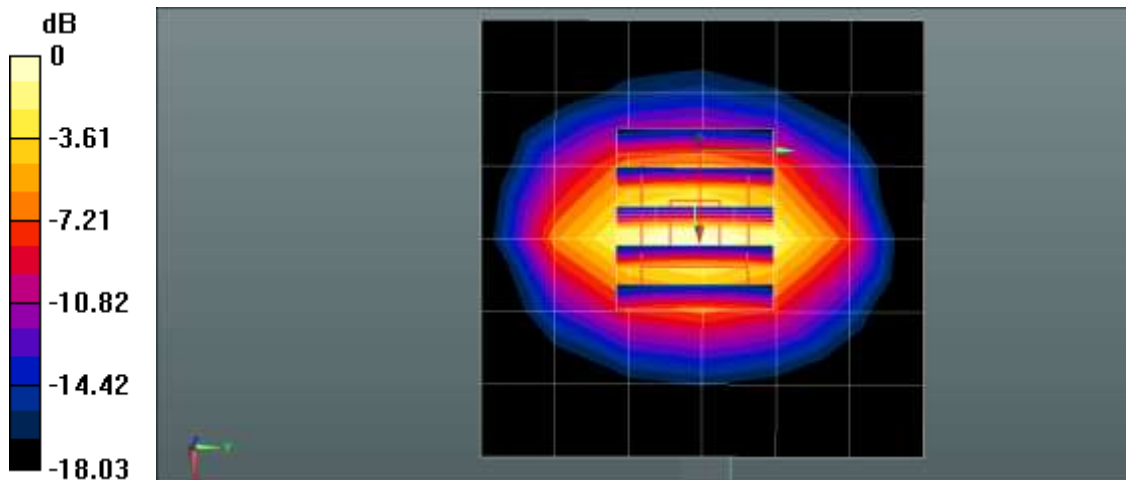
Dipole/1900MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 46.99 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 3.77 W/kg

SAR(1 g) = 1.98 W/kg; SAR(10 g) = 1.02 W/kg

Maximum value of SAR (measured) = 3.12 W/kg



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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 22.5 °C
 Test Date: 04/22/2024

DUT: D1900V2 - SN5d032; Type: D1900V2; Serial: SN5d032

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.438$ S/m; $\epsilon_r = 40.087$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7680; ConvF(8.47, 8.47, 8.47) @ 1900 MHz; Calibrated: 2023-05-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1225; Calibrated: 2024-02-15
- 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)

Dipole/1900MHz Head Verification/Area Scan (7x8x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 2.87 W/kg

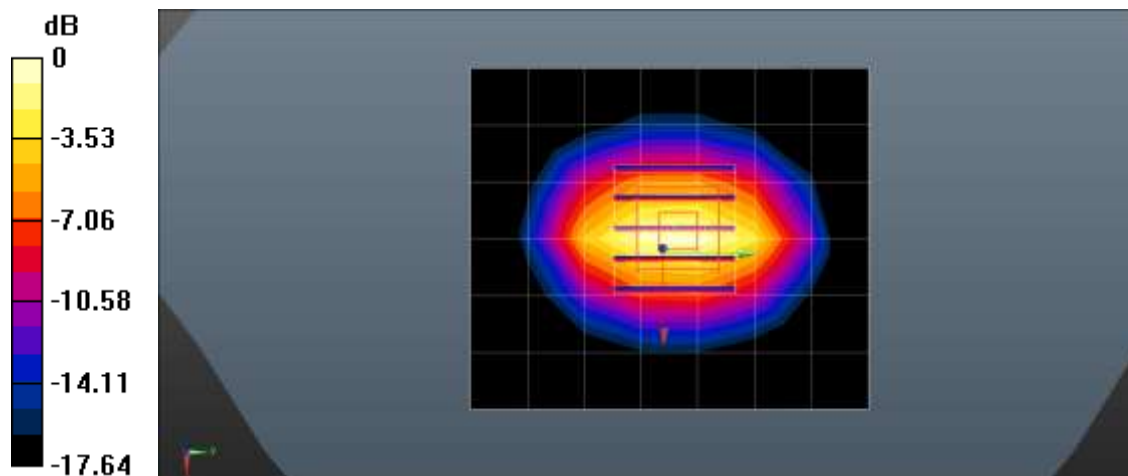
Dipole/1900MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 47.20 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 3.69 W/kg

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

Maximum value of SAR (measured) = 3.06 W/kg



0 dB = 3.06 W/kg = 4.86 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 21.2 °C
 Test Date: 03/05/2024

DUT: D1900V2 - SN5d032; Type: D1900V2; Serial: SN5d032

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1900$ MHz; $\sigma = 1.437$ S/m; $\epsilon_r = 39.202$; $\rho = 1000$ kg/m³
 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)

Dipole/1900MHz Head Verification/Area Scan (5x9x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 2.79 W/kg

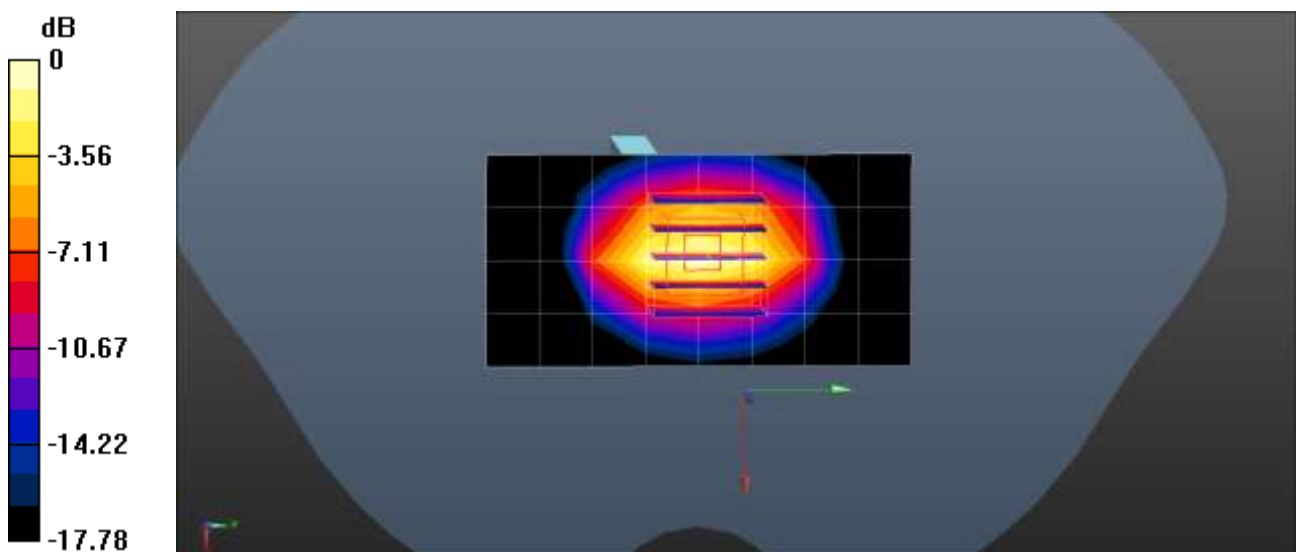
Dipole/1900MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 46.81 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 3.47 W/kg

SAR(1 g) = 1.94 W/kg; SAR(10 g) = 1.02 W/kg

Maximum value of SAR (measured) = 2.97 W/kg



0 dB = 2.97 W/kg = 4.73 dBW/kg

■ **Verification Data (2 300 Mhz Head)**

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 23.5 °C
 Test Date: 04/05/2024

DUT: Dipole 2300 MHz D2300V2; Type: D2300V3; Serial: D2300V3 - SN:1010

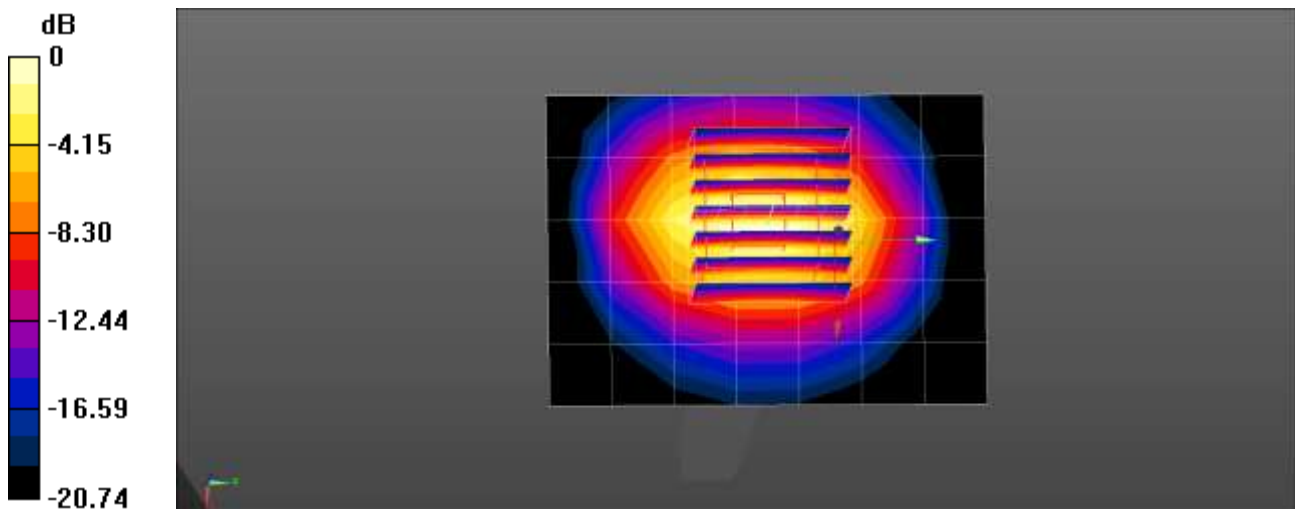
Communication System: UID 0, CW (0); Frequency: 2300 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2300$ MHz; $\sigma = 1.718$ S/m; $\epsilon_r = 39.3$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(8.09, 8.02, 8.69) @ 2300 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)

Dipole/2300MHz Head Verification/Area Scan (6x8x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 3.81 W/kg

Dipole/2300MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 45.18 V/m; Power Drift = 0.13 dB
 Peak SAR (extrapolated) = 4.77 W/kg
SAR(1 g) = 2.52 W/kg; SAR(10 g) = 1.21 W/kg
 Maximum value of SAR (measured) = 4.00 W/kg



0 dB = 4.00 W/kg = 6.02 dBW/kg

■ **Verification Data (2 300 MHz Head)**

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 20.7 °C
 Test Date: 04/12/2024

DUT: Dipole 2300 MHz D2300V2; Type: D2300V3; Serial: D2300V3 - SN:1010

Communication System: UID 0, CW (0); Frequency: 2300 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2300$ MHz; $\sigma = 1.718$ S/m; $\epsilon_r = 39.295$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(8.37, 8.37, 8.37) @ 2300 MHz; Calibrated: 2023-08-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn780; Calibrated: 2023-07-04
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Dipole/2300MHz Head Verification/Area Scan (8x8x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 3.78 W/kg

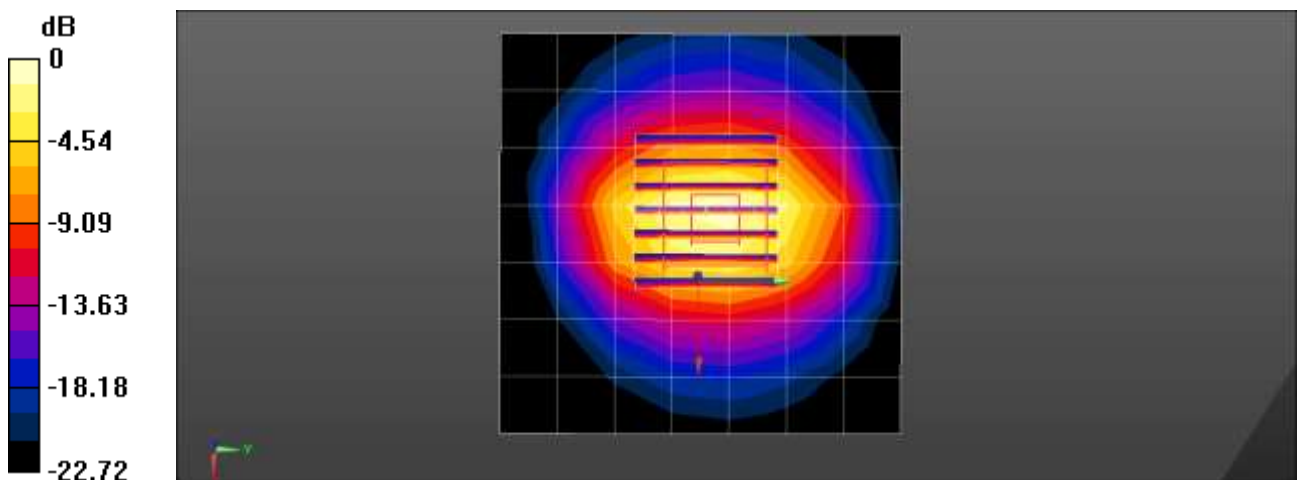
Dipole/2300MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 48.53 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 5.37 W/kg

SAR(1 g) = 2.49 W/kg; SAR(10 g) = 1.15 W/kg

Maximum value of SAR (measured) = 4.24 W/kg



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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 19.7 °C
 Test Date: 04/09/2024

DUT: D2600V2 – SN1106; Type: D2600V2; Serial: SN1106

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 2600$ MHz; $\sigma = 2.008$ S/m; $\epsilon_r = 39.154$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3797; ConvF(7.34, 7.07, 7.07) @ 2600 MHz; Calibrated: 2024-01-23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1687; Calibrated: 2023-07-18
- Phantom: Twin-SAM V4.0 (Left-Right); Type: QD 000 P40 CC; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Dipole/2600MHz Head Verification/Area Scan (8x8x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 3.99 W/kg

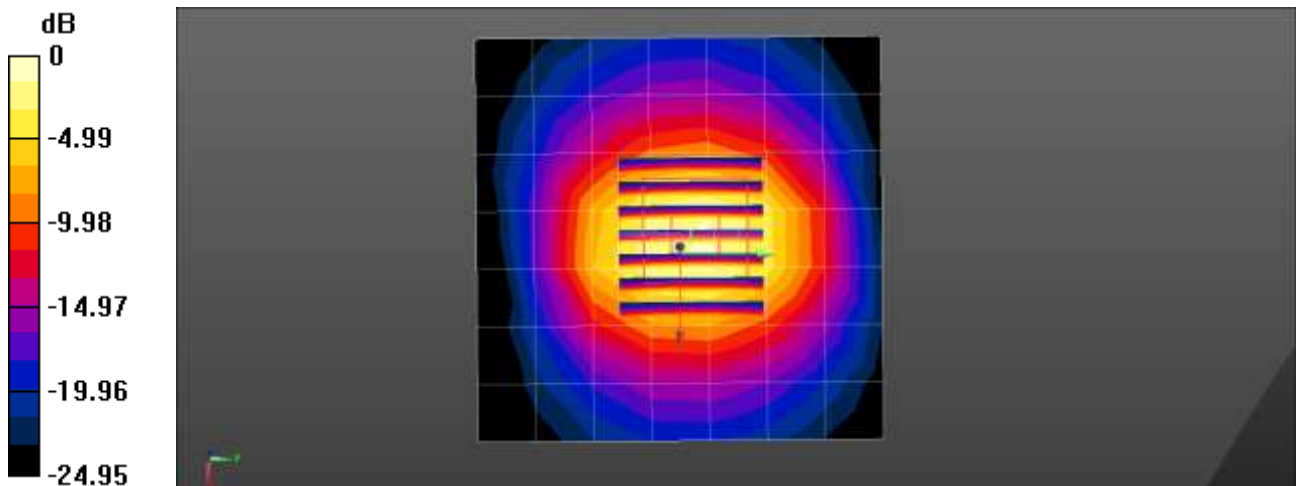
Dipole/2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 53.66 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 6.67 W/kg

SAR(1 g) = 2.96 W/kg; SAR(10 g) = 1.3 W/kg

Maximum value of SAR (measured) = 5.24 W/kg



0 dB = 5.24 W/kg = 7.19 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	
5	3076	ES3DV3	Head	13	1016	2023-09-25	52.5	0.77	PASS	PASS	PASS	N/A	N/A	N/A
19	7702	EX3DV4	Head	750	1014	2024-01-23	41.7	0.89	PASS	PASS	PASS	N/A	N/A	N/A
6	7370	EX3DV4	Head	750	1014	2023-08-25	41.7	0.89	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
17	7681	EX3DV4	Head	835	4d165	2023-11-28	41.6	0.91	PASS	PASS	PASS	N/A	N/A	N/A
19	7702	EX3DV4	Head	835	4d165	2024-01-23	41.6	0.90	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
12	7680	EX3DV4	Head	1750	2d015	2023-05-25	40.1	1.40	PASS	PASS	PASS	N/A	N/A	N/A
6	7370	EX3DV4	Head	1750	2d015	2023-08-26	40.1	1.40	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
17	7681	EX3DV4	Head	1900	5d032	2024-01-20	40.2	1.41	PASS	PASS	PASS	N/A	N/A	N/A
12	7680	EX3DV4	Head	1900	5d032	2024-01-20	40.1	1.41	PASS	PASS	PASS	N/A	N/A	N/A
6	7370	EX3DV4	Head	1900	5d032	2024-01-19	40.1	1.41	PASS	PASS	PASS	N/A	N/A	N/A
8	7654	EX3DV4	Head	2300	1010	2023-07-20	39.4	1.72	PASS	PASS	PASS	N/A	N/A	N/A
11	7679	EX3DV4	Head	2300	1010	2023-08-26	39.3	1.73	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	N/A
8	7654	EX3DV4	Head	2600	1106	2023-05-26	39.2	1.95	PASS	PASS	PASS	N/A	N/A	N/A
6	7370	EX3DV4	Head	2600	1106	2023-08-27	39.1	1.94	PASS	PASS	PASS	N/A	N/A	N/A
3	3903	EX3DV4	Head	2600	1106	2023-07-21	39.1	1.95	PASS	PASS	PASS	TDD	PASS	N/A
3	3903	EX3DV4	Head	2600	1106	2023-07-21	39.1	1.95	PASS	PASS	PASS	N/A	N/A	N/A
2	3797	EX3DV4	Head	2600	1106	2024-01-25	39.0	1.95	PASS	PASS	PASS	TDD	PASS	N/A
7	7622	EX3DV4	Head	3500	1132	2024-01-25	38.0	2.93	PASS	PASS	PASS	TDD	PASS	NA
7	7622	EX3DV4	Head	3500	1132	2024-01-25	38.0	2.93	PASS	PASS	PASS	N/A	N/A	NA
3	3903	EX3DV4	Head	3500	1132	2024-01-25	38.0	2.93	PASS	PASS	PASS	TDD	PASS	N/A
3	3903	EX3DV4	Head	3500	1132	2024-01-25	38.0	2.93	PASS	PASS	PASS	N/A	N/A	N/A
7	7622	EX3DV4	Head	3700	1105	2023-11-27	37.8	3.12	PASS	PASS	PASS	TDD	PASS	NA
7	7622	EX3DV4	Head	3700	1105	2023-11-27	37.8	3.12	PASS	PASS	PASS	N/A	N/A	NA
3	3903	EX3DV4	Head	3700	1105	2023-11-22	37.6	3.14	PASS	PASS	PASS	TDD	PASS	N/A
3	3903	EX3DV4	Head	3700	1105	2023-11-22	37.6	3.14	PASS	PASS	PASS	N/A	N/A	N/A
7	7622	EX3DV4	Head	3900	1019	2023-11-27	37.5	3.25	PASS	PASS	PASS	TDD	PASS	NA
7	7622	EX3DV4	Head	3900	1019	2023-11-27	37.5	3.25	PASS	PASS	PASS	N/A	N/A	NA
3	3903	EX3DV4	Head	3900	1019	2023-07-20	37.4	3.39	PASS	PASS	PASS	TDD	PASS	N/A
3	3903	EX3DV4	Head	3900	1019	2023-07-20	37.4	3.39	PASS	PASS	PASS	N/A	N/A	N/A

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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
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
21	7751	EX3DV4	Head	5800	1317	2023-10-08	35.2	5.30	PASS	PASS	PASS	TDD	PASS	NA

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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.