

Appendix B. – SAR Test Plots

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 19.2 °C
Ambient Temperature: 19.2 °C
Test Date: 06/09/2022
Plot No.: 1

Communication System: UID 0, GSM850 GPRS 2TX (0); Frequency: 836.6 MHz;Duty Cycle: 1:4.14954
Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.925$ S/m; $\epsilon_r = 41.39$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

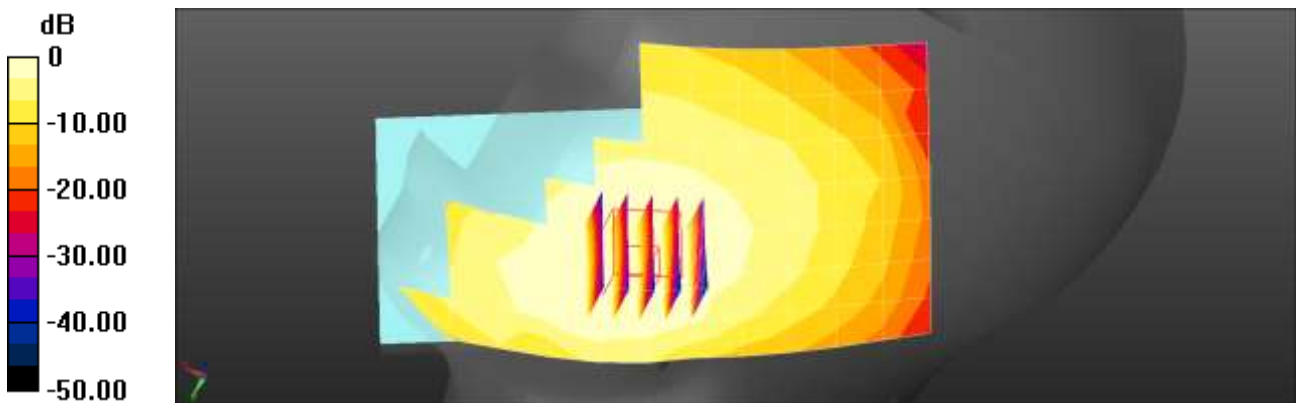
- Probe: EX3DV4 - SN7679; ConvF(9.79, 9.79, 9.79) @ 836.6 MHz; Calibrated: 2021-09-10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn504; Calibrated: 2022-03-01
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 Ax; Serial: 2014
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

GSM 850 Head Right Touch 190ch/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.325 W/kg

GSM 850 Head Right Touch 190ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.831 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.350 W/kg

SAR(1 g) = 0.271 W/kg; SAR(10 g) = 0.208 W/kg
Maximum value of SAR (measured) = 0.324 W/kg



0 dB = 0.325 W/kg = -4.88 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 19.8 °C
Ambient Temperature: 19.9 °C
Test Date: 06/02/2022
Plot No.: 2

Communication System: UID 0, GSM 1900 2TX (0); Frequency: 1880 MHz;Duty Cycle: 1:4.14954
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.376$ S/m; $\epsilon_r = 41.382$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

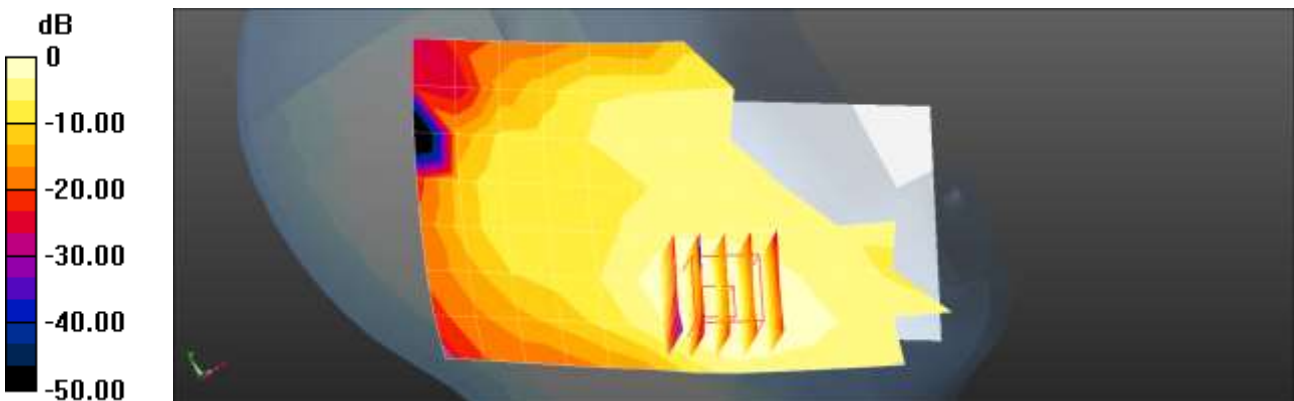
- Probe: ES3DV3 - SN3076; ConvF(5.05, 5.05, 5.05) @ 1880 MHz; Calibrated: 2021-07-28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2022-04-29
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

GSM1900 2Tx Head Left Touch 661ch/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.109 W/kg

GSM1900 2Tx Head Left Touch 661ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.063 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.149 W/kg

SAR(1 g) = 0.099 W/kg; SAR(10 g) = 0.062 W/kg
Maximum value of SAR (measured) = 0.116 W/kg



0 dB = 0.109 W/kg = -9.62 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 19.0 °C
Ambient Temperature: 19.0 °C
Test Date: 06/10/2022
Plot No.: 3

Communication System: UID 0, WCDMA850 (0); Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.926$ S/m; $\epsilon_r = 40.633$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(9.79, 9.79, 9.79) @ 836.6 MHz; Calibrated: 2021-09-10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn504; Calibrated: 2022-03-01
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 Ax; Serial: 2014
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

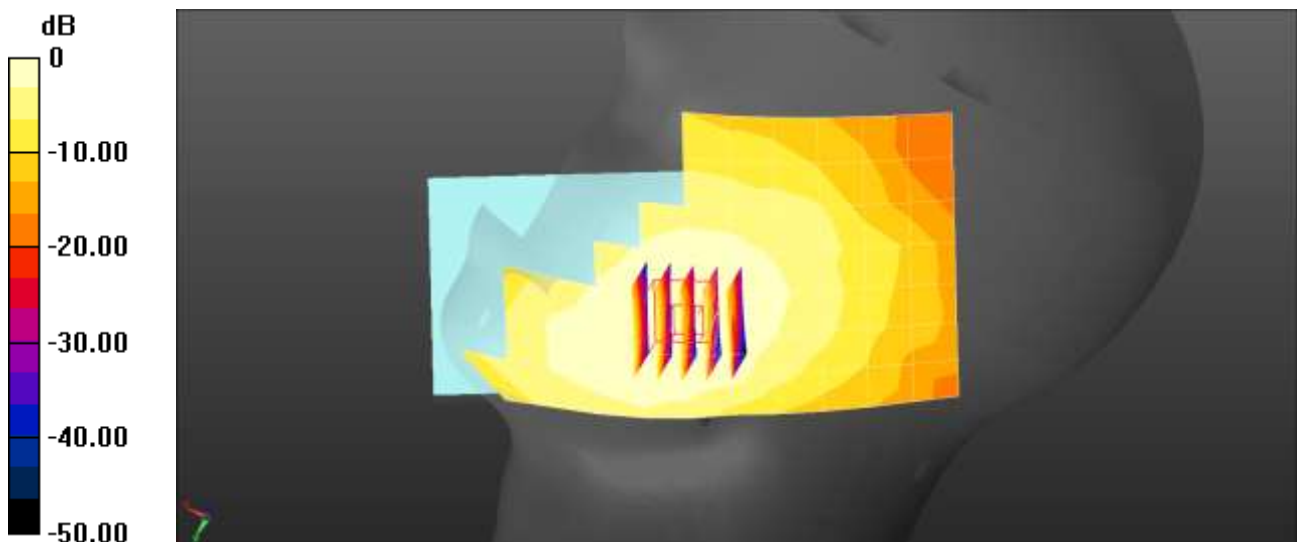
UMTS Band 5 Head Right Touch 4183ch/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.247 W/kg

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

Reference Value = 6.145 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.264 W/kg

SAR(1 g) = 0.206 W/kg; SAR(10 g) = 0.159 W/kg

Maximum value of SAR (measured) = 0.241 W/kg



0 dB = 0.247 W/kg = -6.07 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 20.5 °C
Ambient Temperature: 20.6 °C
Test Date: 06/07/2022
Plot No.: 4

Communication System: UID 0, WCDMA IV (0); Frequency: 1732.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1732.4$ MHz; $\sigma = 1.351$ S/m; $\epsilon_r = 41.655$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

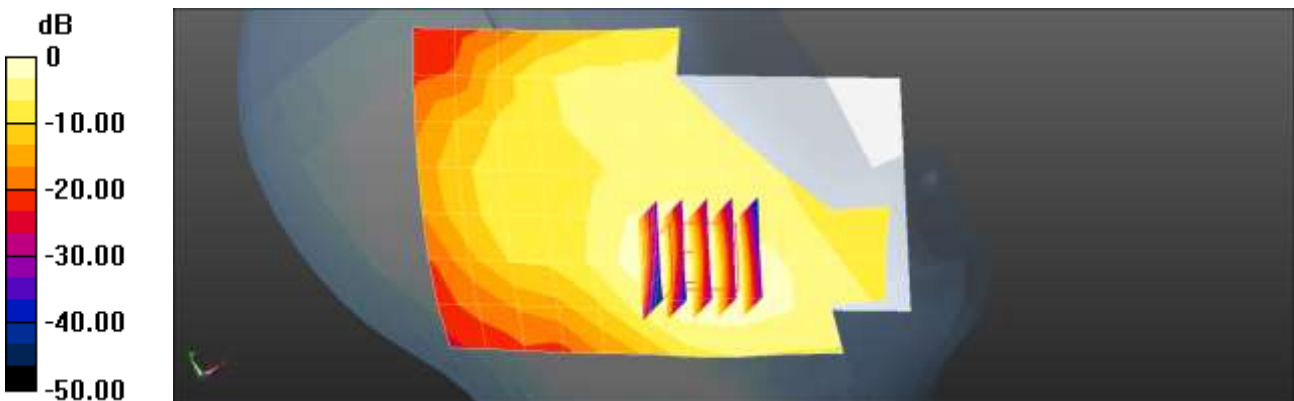
- Probe: ES3DV3 - SN3076; ConvF(5.27, 5.27, 5.27) @ 1732.4 MHz; Calibrated: 2021-07-28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2022-04-29
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

UMTS Band 4 Head Left Touch 1412ch/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.187 W/kg

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

Reference Value = 4.648 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.251 W/kg

SAR(1 g) = 0.168 W/kg; SAR(10 g) = 0.107 W/kg
Maximum value of SAR (measured) = 0.197 W/kg



0 dB = 0.187 W/kg = -7.28 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 19.0 °C
Ambient Temperature: 19.1 °C
Test Date: 06/03/2022
Plot No.: 5

Communication System: UID 0, WCDMA1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.425$ S/m; $\epsilon_r = 40.603$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

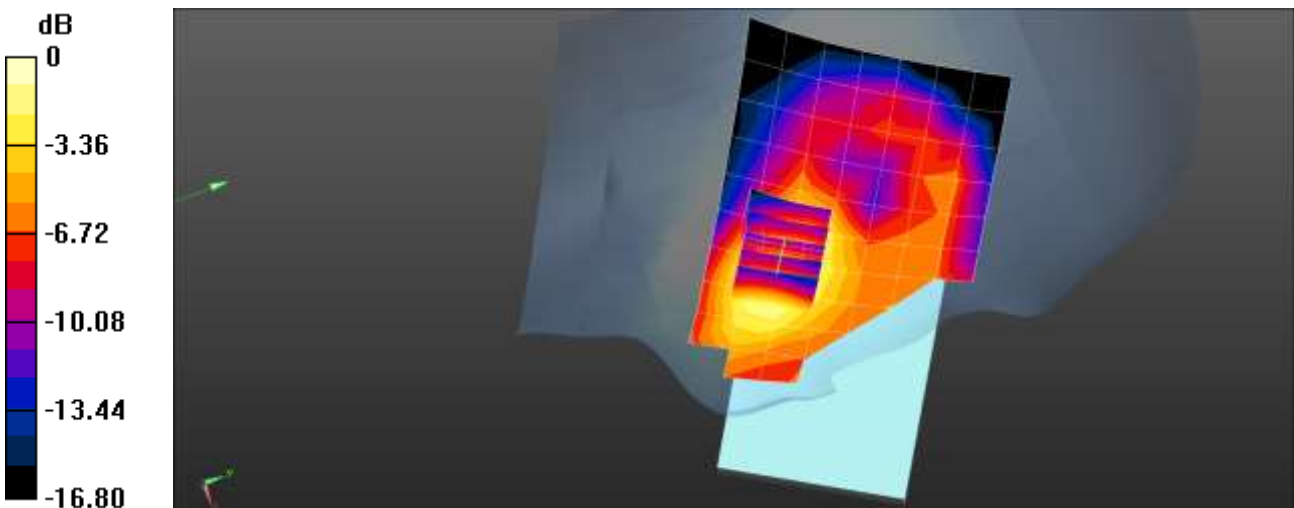
- Probe: ES3DV3 - SN3076; ConvF(5.05, 5.05, 5.05) @ 1880 MHz; Calibrated: 2021-07-28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2022-04-29
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

UMTS Band 2 Head Left Touch 9400ch/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.190 W/kg

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

Reference Value = 5.306 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.262 W/kg

SAR(1 g) = 0.169 W/kg; SAR(10 g) = 0.104 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
 Liquid Temperature: 22.7 °C
 Ambient Temperature: 22.8 °C
 Test Date: 06/08/2022
 Plot No.: 6

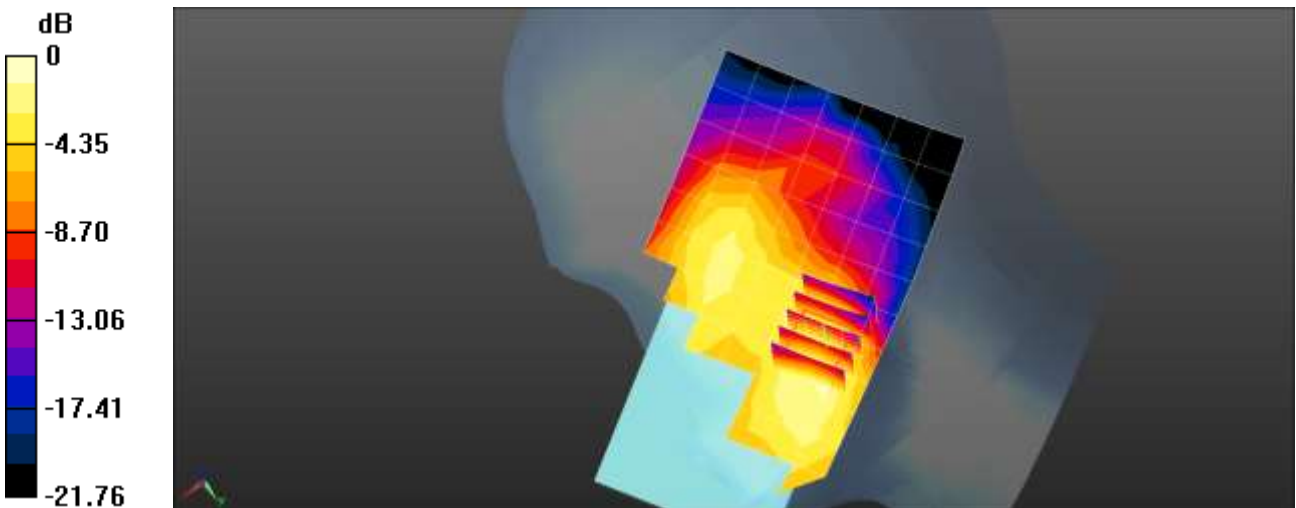
Communication System: UID 0, LTE Band 2 (0); Frequency: 1860 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1860 \text{ MHz}$; $\sigma = 1.402 \text{ S/m}$; $\epsilon_r = 40.625$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Right Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3076; ConvF(5.05, 5.05, 5.05) @ 1860 MHz; Calibrated: 2021-07-28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2022-04-29
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 2 Head Right Touch QPSK 20MHz 1RB 99offset 18700ch/Area Scan (8x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.142 W/kg

LTE Band 2 Head Right Touch QPSK 20MHz 1RB 99offset 18700ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 3.839 V/m; Power Drift = 0.05 dB
 Peak SAR (extrapolated) = 0.221 W/kg
SAR(1 g) = 0.139 W/kg; SAR(10 g) = 0.084 W/kg
 Maximum value of SAR (measured) = 0.167 W/kg



0 dB = 0.167 W/kg = -7.77 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Liquid Temperature: 19.7 °C
 Ambient Temperature: 19.8 °C
 Test Date: 05/27/2022
 Plot No.: 7

Communication System: UID 0, LTE 12 (0); Frequency: 707.5 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 707.5 \text{ MHz}$; $\sigma = 0.869 \text{ S/m}$; $\epsilon_r = 41.342$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Right Section

DASY5 Configuration:

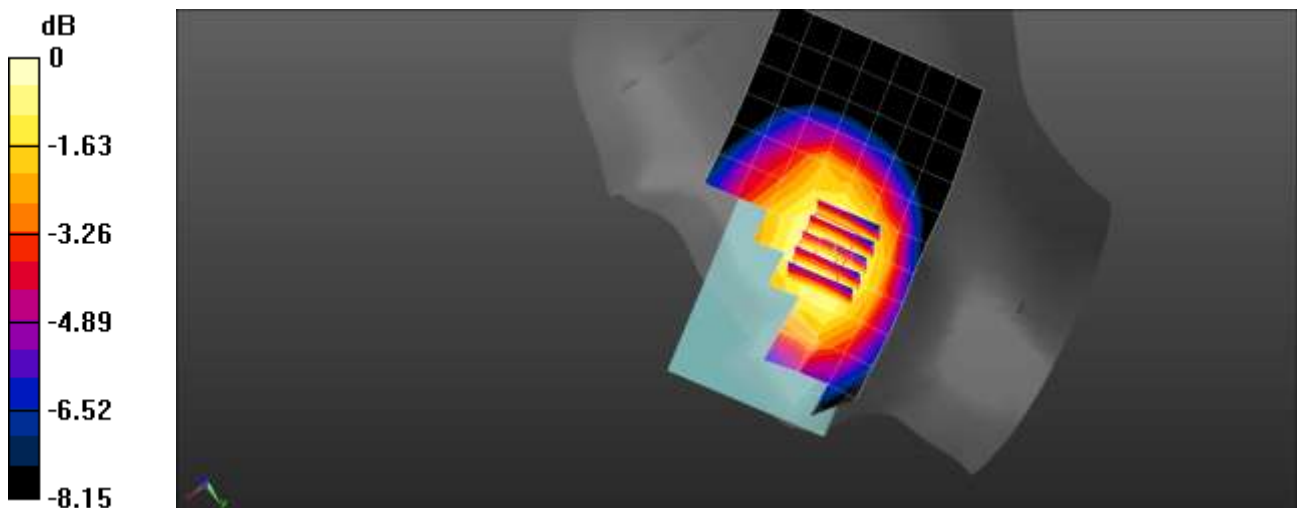
- Probe: EX3DV4 - SN7370; ConvF(10.07, 10.07, 10.07) @ 707.5 MHz; Calibrated: 2021-08-26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1687; Calibrated: 2021-06-21
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 12 Head Right Touch QPSK 10MHz 1RB 49offset 23095ch/Area Scan (8x13x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.153 W/kg

LTE Band 12 Head Right Touch QPSK 10MHz 1RB 49offset 23095ch/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 3.920 V/m; Power Drift = -0.06 dB
 Peak SAR (extrapolated) = 0.165 W/kg
SAR(1 g) = 0.140 W/kg; SAR(10 g) = 0.113 W/kg
 Maximum value of SAR (measured) = 0.157 W/kg



0 dB = 0.157 W/kg = -8.04 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Liquid Temperature: 20.0 °C
 Ambient Temperature: 20.1 °C
 Test Date: 05/26/2022
 Plot No.: 8

Communication System: UID 0, LTE 26 (0); Frequency: 831.5 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 831.5 \text{ MHz}$; $\sigma = 0.919 \text{ S/m}$; $\epsilon_r = 40.415$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Right Section

DASY5 Configuration:

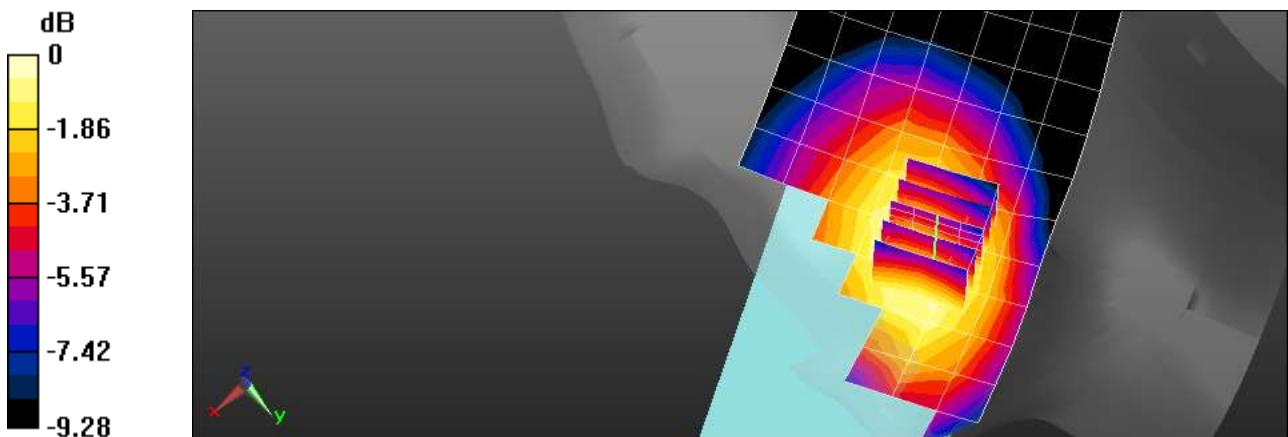
- Probe: EX3DV4 - SN7370; ConvF(9.94, 9.94, 9.94) @ 831.5 MHz; Calibrated: 2021-08-26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1687; Calibrated: 2021-06-21
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 26 Head Right Touch QPSK 15MHz 1RB 74offset 26865ch/Area Scan (8x13x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.213 W/kg

LTE Band 26 Head Right Touch QPSK 15MHz 1RB 74offset 26865ch/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 5.086 V/m; Power Drift = 0.19 dB
 Peak SAR (extrapolated) = 0.234 W/kg
SAR(1 g) = 0.185 W/kg; SAR(10 g) = 0.143 W/kg
 Maximum value of SAR (measured) = 0.219 W/kg



0 dB = 0.219 W/kg = -6.60 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Liquid Temperature: 19.2 °C
 Ambient Temperature: 19.3 °C
 Test Date: 05/27/2022
 Plot No.: 9

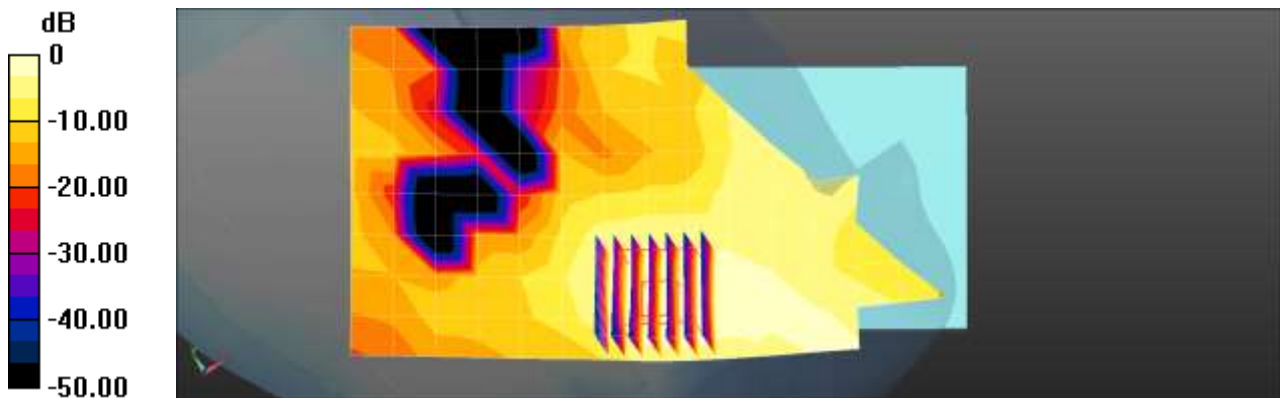
Communication System: UID 0, LTE Band 41 (0); Frequency: 2593 MHz;Duty Cycle: 1:1.58016
 Medium parameters used (interpolated): $f = 2593$ MHz; $\sigma = 2.032$ S/m; $\epsilon_r = 38.143$; $\rho = 1000$ kg/m³
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(7.93, 7.93, 7.93) @ 2593 MHz; Calibrated: 2022-01-20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2021-09-27
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

LTE Band 41 Head Left Touch QPSK 20MHz 1RB 49offset 40620ch/Area Scan (9x16x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.0981 W/kg

LTE Band 41 Head Left Touch QPSK 20MHz 1RB 49offset 40620ch/Zoom Scan (7x7x7)/Cube 0:
 Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 1.670 V/m; Power Drift = -0.16 dB
 Peak SAR (extrapolated) = 0.133 W/kg
SAR(1 g) = 0.066 W/kg; SAR(10 g) = 0.034 W/kg
 Maximum value of SAR (measured) = 0.106 W/kg



0 dB = 0.0981 W/kg = -10.08 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 20.9 °C
Ambient Temperature: 21.0 °C
Test Date: 06/10/2022
Plot No.: 10

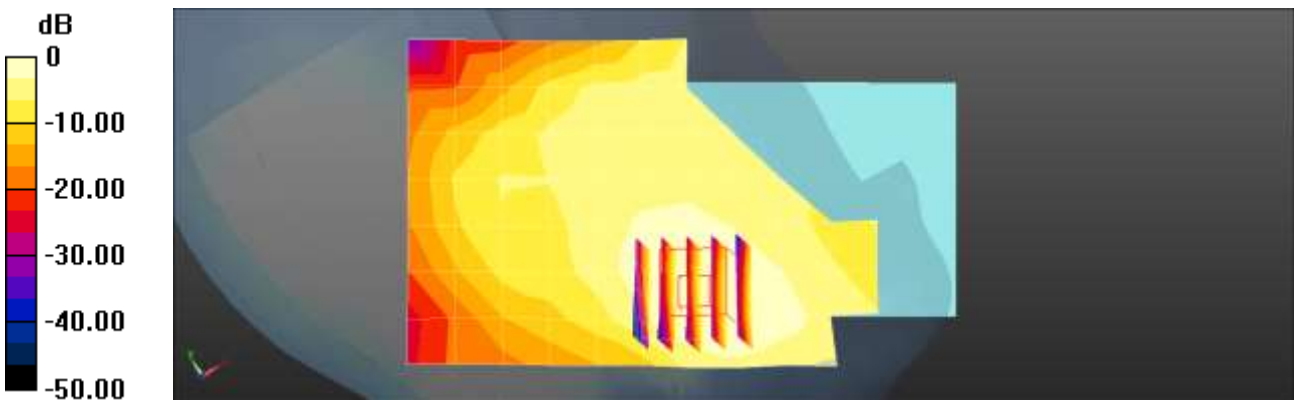
Communication System: UID 0, LTE Band66 (0); Frequency: 1745 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1745$ MHz; $\sigma = 1.363$ S/m; $\epsilon_r = 41.648$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3076; ConvF(5.27, 5.27, 5.27) @ 1745 MHz; Calibrated: 2021-07-28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2022-04-29
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

LTE Band 66 Head Left Touch QPSK 20MHz 1RB 49offset 132322ch/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.151 W/kg

LTE Band 66 Head Left Touch QPSK 20MHz 1RB 49offset 132322ch/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.689 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.203 W/kg
SAR(1 g) = 0.139 W/kg; SAR(10 g) = 0.090 W/kg
Maximum value of SAR (measured) = 0.161 W/kg



0 dB = 0.151 W/kg = -8.22 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Liquid Temperature: 22.3 °C
 Ambient Temperature: 22.5 °C
 Test Date: 06/08/2022
 Plot No.: 11

Communication System: UID 0, NR Band n5 (0); Frequency: 836.5 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 836.5 \text{ MHz}$; $\sigma = 0.925 \text{ S/m}$; $\epsilon_r = 40.514$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Right Section

DASY5 Configuration:

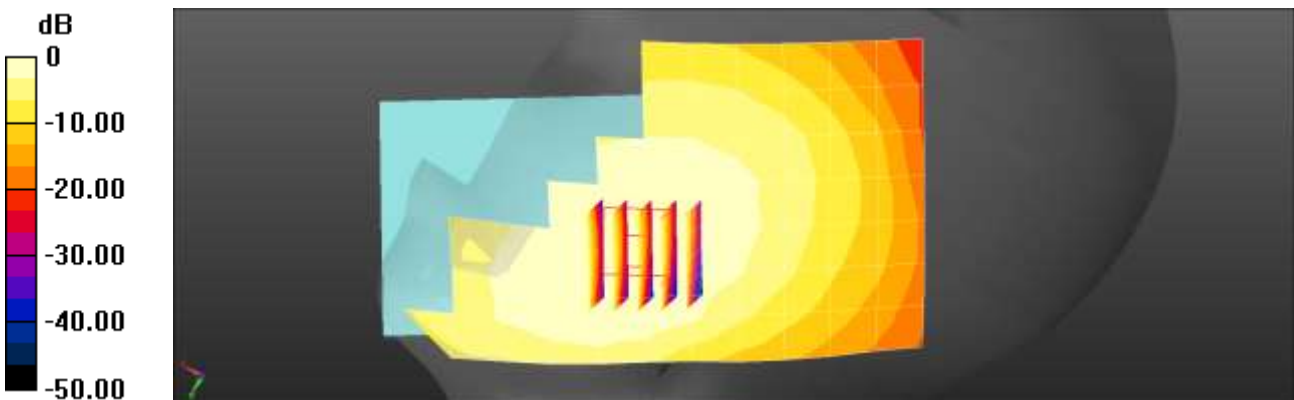
- Probe: EX3DV4 - SN7370; ConvF(9.94, 9.94, 9.94) @ 836.5 MHz; Calibrated: 2021-08-26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1687; Calibrated: 2021-06-21
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

NR Band n5 Head Right Touch DFT-s QPSK 20MHz 50RB 28offset 167300ch/Area Scan (8x13x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.218 W/kg

NR Band n5 Head Right Touch DFT-s QPSK 20MHz 50RB 28offset 167300ch/Zoom Scan (5x5x7)/Cube

0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 5.402 V/m; Power Drift = -0.01 dB
 Peak SAR (extrapolated) = 0.238 W/kg
SAR(1 g) = 0.190 W/kg; SAR(10 g) = 0.150 W/kg
 Maximum value of SAR (measured) = 0.221 W/kg



0 dB = 0.218 W/kg = -6.61 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Liquid Temperature: 19.1 °C
 Ambient Temperature: 19.2 °C
 Test Date: 06/14/2022
 Plot No.: 12

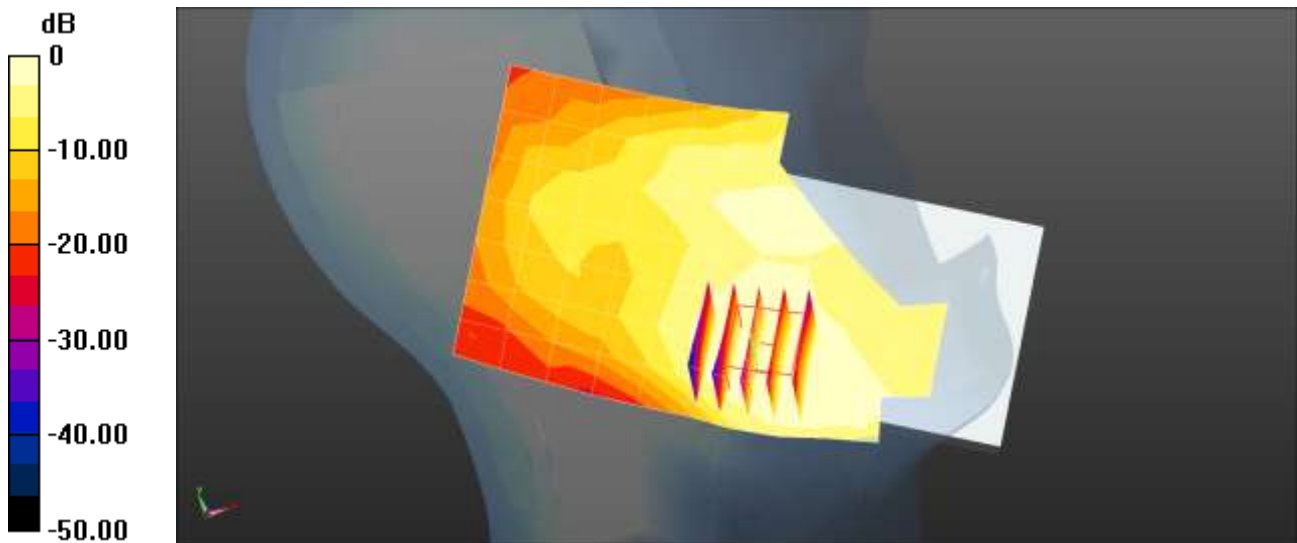
Communication System: UID 0, NR Band 66 (0); Frequency: 1720 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1720 \text{ MHz}$; $\sigma = 1.312 \text{ S/m}$; $\epsilon_r = 41.627$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Left Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3076; ConvF(5.27, 5.27, 5.27) @ 1720 MHz; Calibrated: 2021-07-28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2022-04-29
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR Band n66 Head Left Touch DFT-s QPSK 1RB 1offset 344000ch/Area Scan (8x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.184 W/kg

NR Band n66 Head Left Touch DFT-s QPSK 1RB 1offset 344000ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 4.612 V/m; Power Drift = 0.10 dB
 Peak SAR (extrapolated) = 0.263 W/kg
SAR(1 g) = 0.182 W/kg; SAR(10 g) = 0.119 W/kg
 Maximum value of SAR (measured) = 0.210 W/kg



0 dB = 0.184 W/kg = -7.35 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 21.6 °C
Ambient Temperature: 21.8 °C
Test Date: 05/30/2022
Plot No.: 13

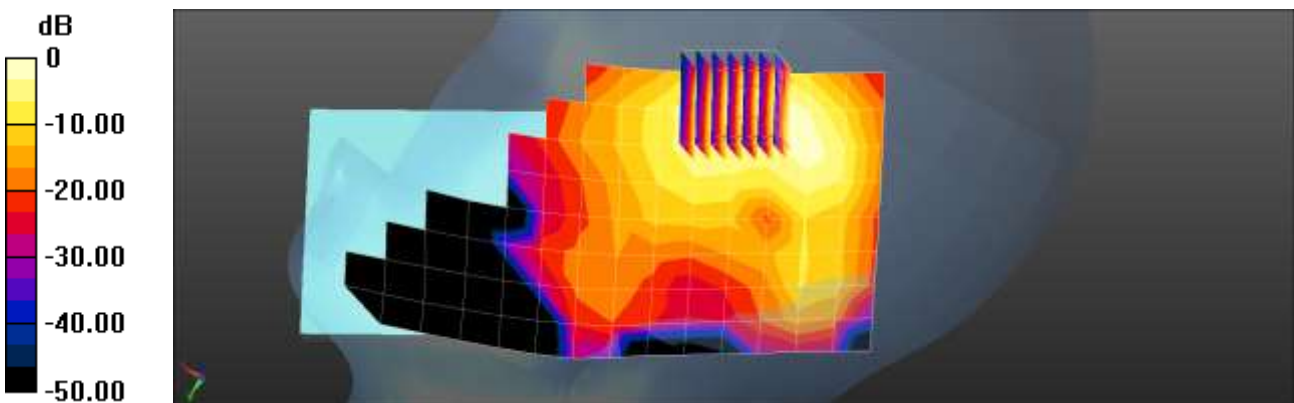
Communication System: UID 0, 2450MHz FCC (0); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.808$ S/m; $\epsilon_r = 39.15$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7680; ConvF(7.99, 7.99, 7.99) @ 2412 MHz; Calibrated: 2021-09-10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn466; Calibrated: 2022-05-02
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

802.11b Head Right Touch 1Mbps 1ch/Area Scan (9x17x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.947 W/kg

802.11b Head Right Touch 1Mbps 1ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.598 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 0.531 W/kg; SAR(10 g) = 0.242 W/kg
Maximum value of SAR (measured) = 0.928 W/kg



0 dB = 0.947 W/kg = -0.24 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 19.0 °C
Ambient Temperature: 19.2 °C
Test Date: 06/03/2022
Plot No.: 14

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5775 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 5775$ MHz; $\sigma = 5.235$ S/m; $\epsilon_r = 36.208$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(4.95, 4.95, 4.95) @ 5775 MHz; Calibrated: 2022-01-20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2021-09-27
- Phantom: SAM with CRP v5.0(Right)_2014_03_05; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

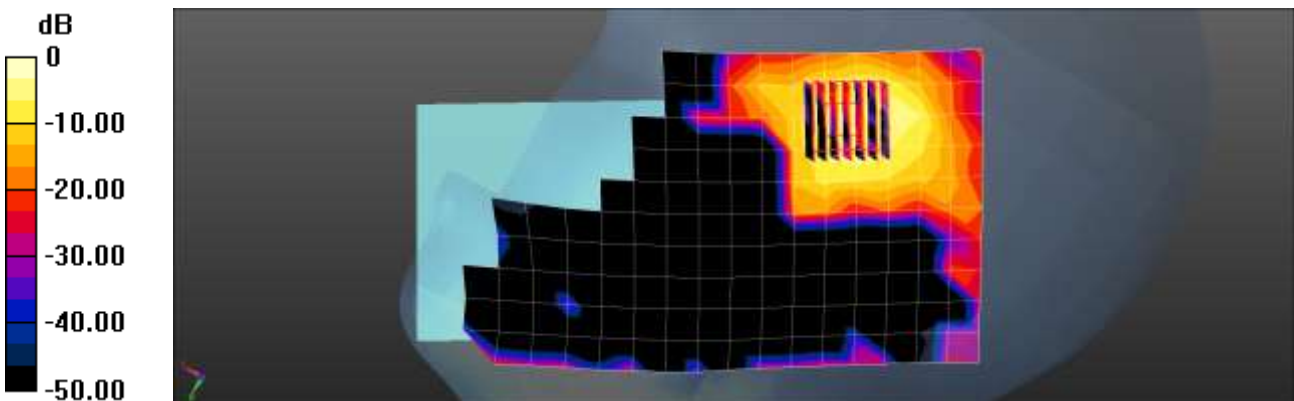
802.11ac80 Head Right Touch 155ch/Area Scan (11x20x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.05 W/kg

802.11ac80 Head Right Touch 155ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.364 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 5.53 W/kg

SAR(1 g) = 0.392 W/kg; SAR(10 g) = 0.105 W/kg

Maximum value of SAR (measured) = 1.15 W/kg



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

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Liquid Temperature: 19.2 °C
 Ambient Temperature: 19.3 °C
 Test Date: 06/04/2022
 Plot No.: 15

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1: 1.303
 Medium parameters used (interpolated): $f = 2441 \text{ MHz}$; $\sigma = 1.827 \text{ S/m}$; $\epsilon_r = 39.211$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(8.14, 8.14, 8.14) @ 2441 MHz; Calibrated: 2022-01-20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2021-09-27
- Phantom: SAM with CRP v5.0(Front)
- Measurement SW: DASY52, Version 52.10 (4)

Bluetooth Head Right Tilt DH5 39ch/Area Scan (9x17x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.947 W/kg

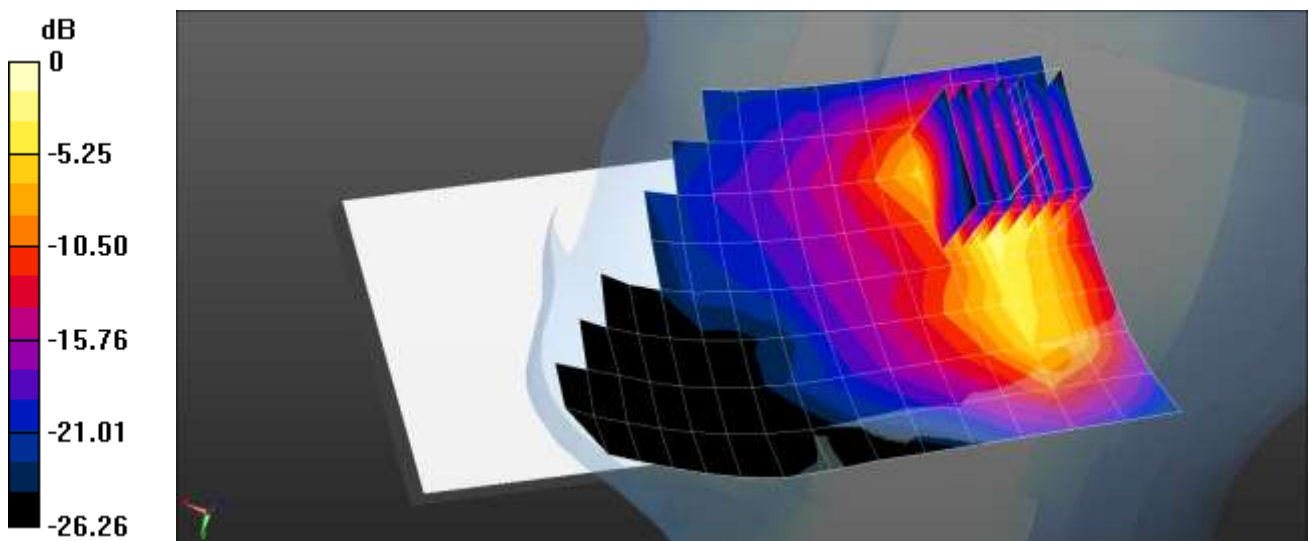
Bluetooth Head Right Tilt DH5 39ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.56 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.75 W/kg

SAR(1 g) = 0.690 W/kg; SAR(10 g) = 0.272 W/kg

Maximum value of SAR (measured) = 1.25 W/kg



0 dB = 1.25 W/kg = 0.97 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 19.2 °C
Ambient Temperature: 19.2 °C
Test Date: 06/09/2022
Plot No.: 16

Communication System: UID 0, GSM850 GPRS 2TX (0); Frequency: 836.6 MHz;Duty Cycle: 1:4.14954
Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.925$ S/m; $\epsilon_r = 41.39$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(9.79, 9.79, 9.79) @ 836.6 MHz; Calibrated: 2021-09-10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn504; Calibrated: 2022-03-01
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 Ax; Serial: 2014
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

GSM 850 2TX BodyWorn Rear 190ch/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.622 W/kg

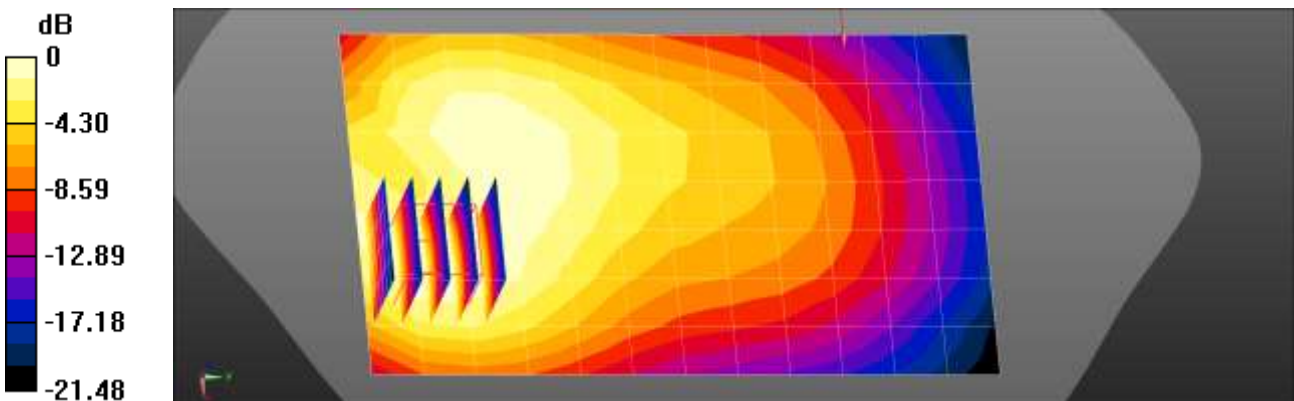
GSM 850 2TX BodyWorn Rear 190ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.88 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.733 W/kg

SAR(1 g) = 0.473 W/kg; SAR(10 g) = 0.303 W/kg

Maximum value of SAR (measured) = 0.639 W/kg



0 dB = 0.622 W/kg = -2.07 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 19.8 °C
Ambient Temperature: 19.9 °C
Test Date: 06/02/2022
Plot No.: 17

Communication System: UID 0, GSM 1900 2TX (0); Frequency: 1880 MHz;Duty Cycle: 1:4.14954
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.376$ S/m; $\epsilon_r = 41.382$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3076; ConvF(5.05, 5.05, 5.05) @ 1880 MHz; Calibrated: 2021-07-28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2022-04-29
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

GSM1900 2Tx BodyWorn Rear 661ch/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.425 W/kg

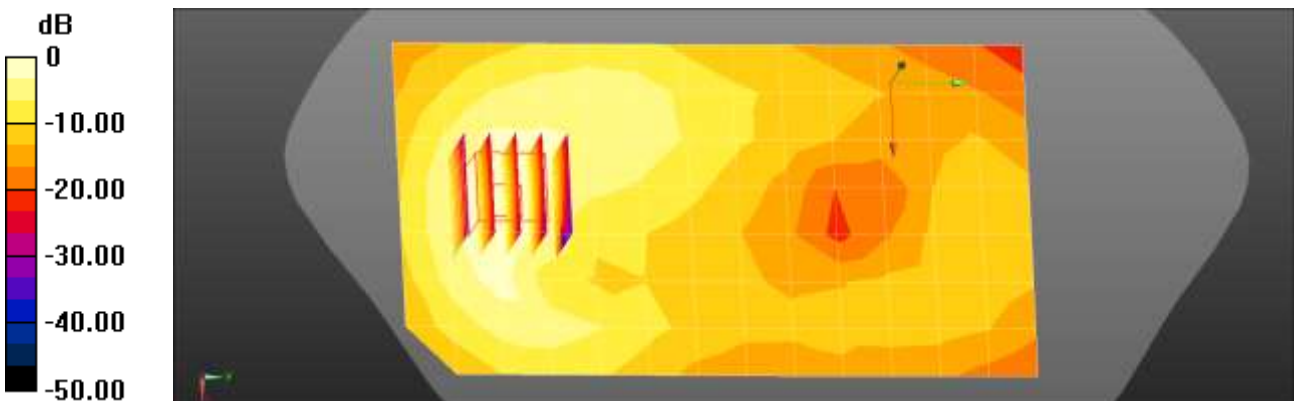
GSM1900 2Tx BodyWorn Rear 661ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.237 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.630 W/kg

SAR(1 g) = 0.367 W/kg; SAR(10 g) = 0.205 W/kg

Maximum value of SAR (measured) = 0.452 W/kg



0 dB = 0.425 W/kg = -3.71 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 19.0 °C
Ambient Temperature: 19.1 °C
Test Date: 06/03/2022
Plot No.: 18

Communication System: UID 0, WCDMA1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.425$ S/m; $\epsilon_r = 40.603$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

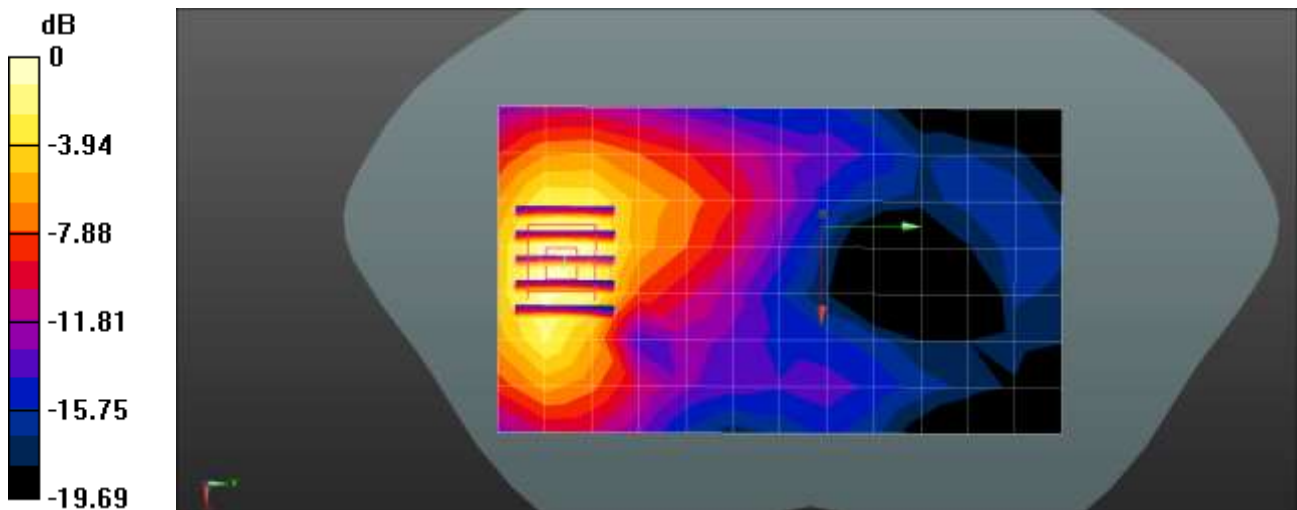
- Probe: ES3DV3 - SN3076; ConvF(5.05, 5.05, 5.05) @ 1880 MHz; Calibrated: 2021-07-28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2022-04-29
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

UMTS Band 2 BodyWorn Rear 9400ch/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.662 W/kg

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

Reference Value = 3.313 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.629 W/kg; SAR(10 g) = 0.359 W/kg
Maximum value of SAR (measured) = 0.767 W/kg



0 dB = 0.767 W/kg = -1.15 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 20.5 °C
Ambient Temperature: 20.6 °C
Test Date: 06/07/2022
Plot No.: 19

Communication System: UID 0, WCDMA IV (0); Frequency: 1732.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1732.4$ MHz; $\sigma = 1.351$ S/m; $\epsilon_r = 41.655$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3076; ConvF(5.27, 5.27, 5.27) @ 1732.4 MHz; Calibrated: 2021-07-28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2022-04-29
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

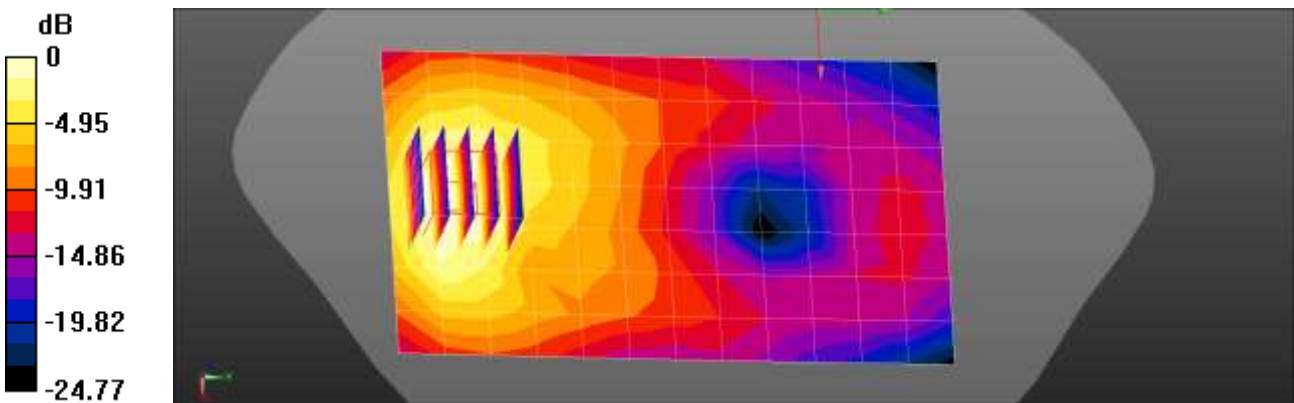
UMTS Band 4 BodyWorn Rear 1412ch/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.568 W/kg

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

Reference Value = 3.712 V/m; Power Drift = 0.32 dB
Peak SAR (extrapolated) = 0.896 W/kg

SAR(1 g) = 0.556 W/kg; SAR(10 g) = 0.327 W/kg

Maximum value of SAR (measured) = 0.672 W/kg



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

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Liquid Temperature: 19.0 °C
 Ambient Temperature: 19.0 °C
 Test Date: 06/10/2022
 Plot No.: 20

Communication System: UID 0, WCDMA850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 836.6 \text{ MHz}$; $\sigma = 0.926 \text{ S/m}$; $\epsilon_r = 40.633$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

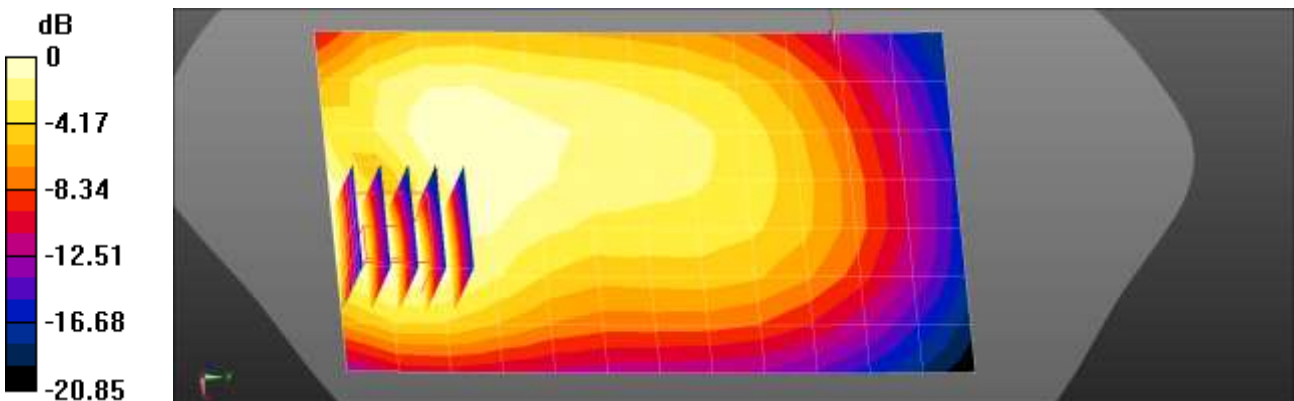
- Probe: EX3DV4 - SN7679; ConvF(9.79, 9.79, 9.79) @ 836.6 MHz; Calibrated: 2021-09-10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn504; Calibrated: 2022-03-01
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 Ax; Serial: 2014
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

UMTS Band 5 BodyWorn Rear 4183ch/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.433 W/kg

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

Reference Value = 16.30 V/m; Power Drift = 0.13 dB
 Peak SAR (extrapolated) = 0.558 W/kg

SAR(1 g) = 0.340 W/kg; SAR(10 g) = 0.206 W/kg
 Maximum value of SAR (measured) = 0.470 W/kg



0 dB = 0.433 W/kg = -3.64 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 22.7 °C
Ambient Temperature: 22.8 °C
Test Date: 06/08/2022
Plot No.: 21

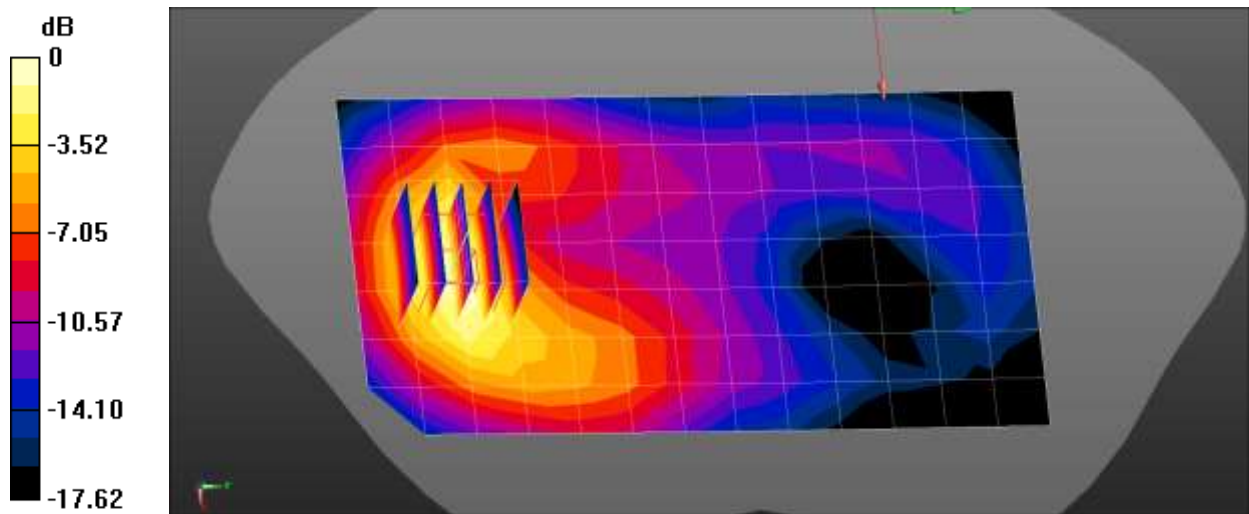
Communication System: UID 0, LTE Band 2 (0); Frequency: 1860 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 1860$ MHz; $\sigma = 1.402$ S/m; $\epsilon_r = 40.625$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3076; ConvF(5.05, 5.05, 5.05) @ 1860 MHz; Calibrated: 2021-07-28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2022-04-29
- Phantom: SAM with CRP v5.0(Front)
- Measurement SW: DASY52, Version 52.10 (4)

LTE Band 2 BodyWorn Front QPSK 20MHz 1RB 99offset 18700ch/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.555 W/kg

LTE Band 2 BodyWorn Front QPSK 20MHz 1RB 99offset 18700ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.257 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.797 W/kg
SAR(1 g) = 0.460 W/kg; SAR(10 g) = 0.251 W/kg
Maximum value of SAR (measured) = 0.561 W/kg



0 dB = 0.561 W/kg = -2.51 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Liquid Temperature: 19.7 °C
 Ambient Temperature: 19.8 °C
 Test Date: 05/27/2022
 Plot No.: 22

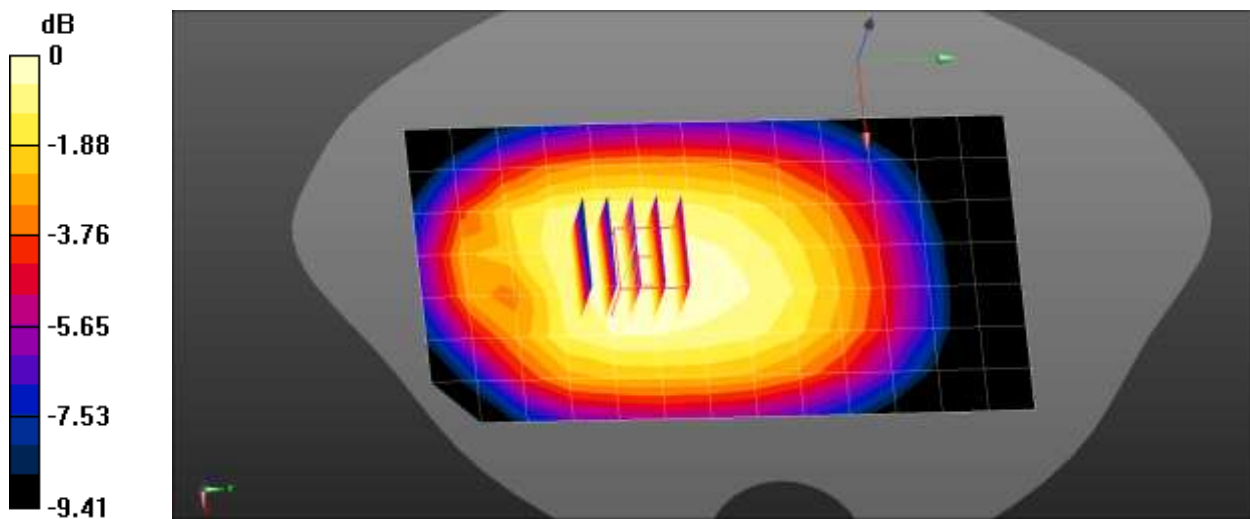
Communication System: UID 0, LTE 12 (0); Frequency: 707.5 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 707.5 \text{ MHz}$; $\sigma = 0.869 \text{ S/m}$; $\epsilon_r = 41.342$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(10.07, 10.07, 10.07) @ 707.5 MHz; Calibrated: 2021-08-26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1687; Calibrated: 2021-06-21
- Phantom: Twin-SAM V5.0 (20deg probe tilt)
- Measurement SW: DASY52, Version 52.10 (4)

LTE Band 12 BodyWorn Front QPSK 10MHz 1RB 49offset 23095ch/Area Scan (8x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.218 W/kg

LTE Band 12 BodyWorn Front QPSK 10MHz 1RB 49offset 23095ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 15.40 V/m; Power Drift = -0.07 dB
 Peak SAR (extrapolated) = 0.236 W/kg
SAR(1 g) = 0.190 W/kg; SAR(10 g) = 0.150 W/kg
 Maximum value of SAR (measured) = 0.222 W/kg



0 dB = 0.222 W/kg = -6.54 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Liquid Temperature: 20.0 °C
 Ambient Temperature: 20.1 °C
 Test Date: 05/26/2022
 Plot No.: 23

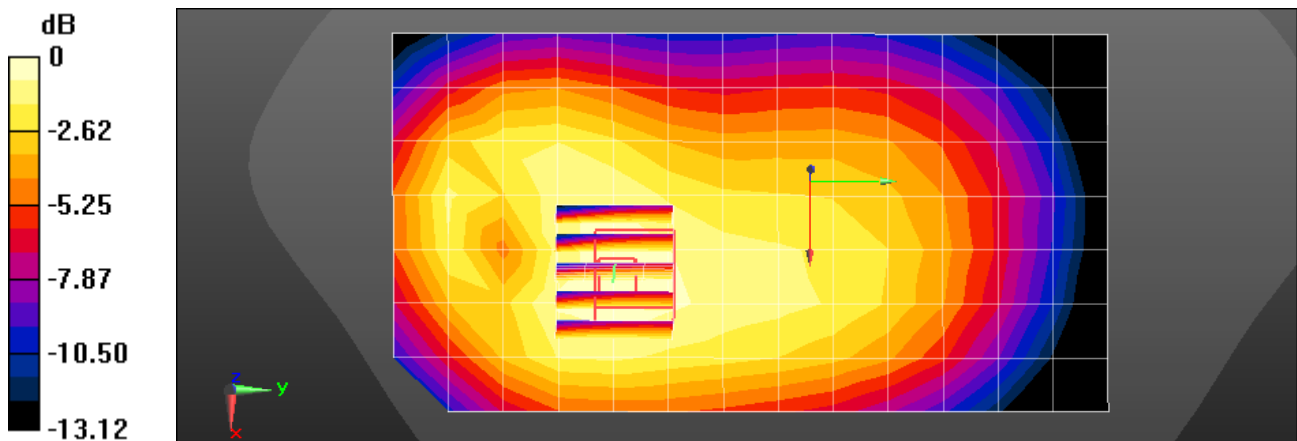
Communication System: UID 0, LTE 26 (0); Frequency: 831.5 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 831.5 \text{ MHz}$; $\sigma = 0.919 \text{ S/m}$; $\epsilon_r = 40.415$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(9.94, 9.94, 9.94) @ 831.5 MHz; Calibrated: 2021-08-26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1687; Calibrated: 2021-06-21
- 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 (7483)

LTE Band 26 BodyWorn Front QPSK 15MHz 1RB 74offset 26865ch/Area Scan (8x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.326 W/kg

LTE Band 26 BodyWorn Front QPSK 15MHz 1RB 74offset 26865ch/Zoom Scan (5x5x7)/Cube 0:
 Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 15.79 V/m; Power Drift = -0.09 dB
 Peak SAR (extrapolated) = 0.368 W/kg
SAR(1 g) = 0.271 W/kg; SAR(10 g) = 0.196 W/kg
 Maximum value of SAR (measured) = 0.336 W/kg



0 dB = 0.336 W/kg = -4.74 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 19.2 °C
Ambient Temperature: 19.3 °C
Test Date: 05/27/2022
Plot No.: 24

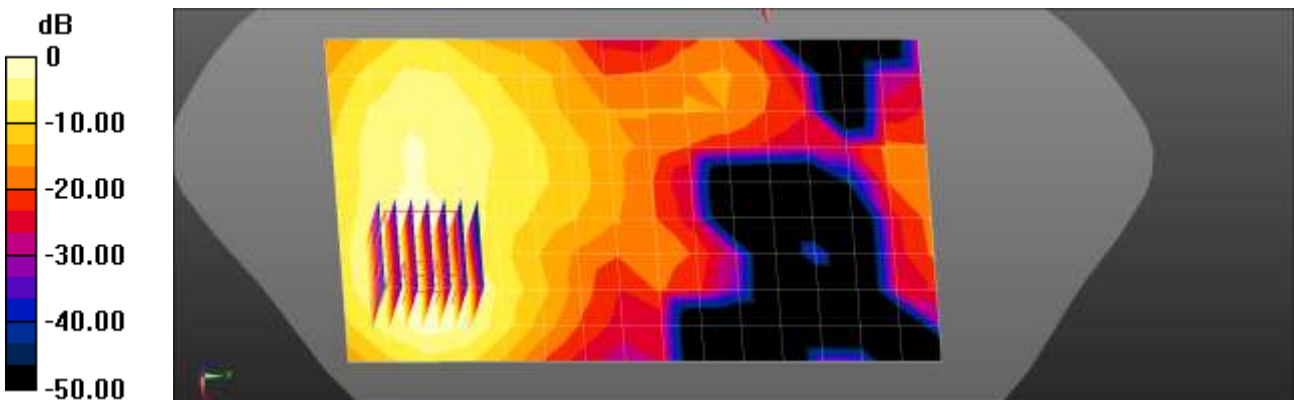
Communication System: UID 0, LTE Band 41 (0); Frequency: 2593 MHz;Duty Cycle: 1:1.58016
Medium parameters used (interpolated): $f = 2593$ MHz; $\sigma = 2.032$ S/m; $\epsilon_r = 38.143$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(7.93, 7.93, 7.93) @ 2593 MHz; Calibrated: 2022-01-20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2021-09-27
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

LTE Band 41 Body Rear QPSK 20MHz 1RB 49offset 40620ch/Area Scan (10x16x1): Measurement grid:
dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.613 W/kg

LTE Band 41 Body Rear QPSK 20MHz 1RB 49offset 40620ch/Zoom Scan (7x7x7)/Cube 0:
Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.577 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.715 W/kg
SAR(1 g) = 0.338 W/kg; SAR(10 g) = 0.168 W/kg
Maximum value of SAR (measured) = 0.566 W/kg



0 dB = 0.613 W/kg = -2.13 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Liquid Temperature: 20.9 °C
 Ambient Temperature: 21.0 °C
 Test Date: 06/10/2022
 Plot No.: 25

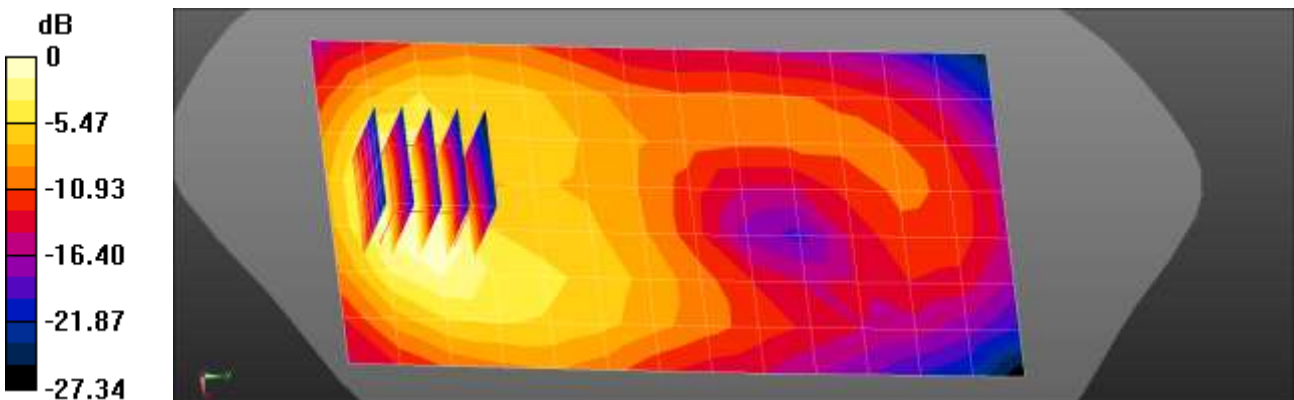
Communication System: UID 0, LTE Band66 (0); Frequency: 1745 MHz;Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 1745 \text{ MHz}$; $\sigma = 1.363 \text{ S/m}$; $\epsilon_r = 41.648$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3076; ConvF(5.27, 5.27, 5.27) @ 1745 MHz; Calibrated: 2021-07-28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2022-04-29
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

LTE Band 66 BodyWorn Front QPSK 20MHz 1RB 49offset 132322ch/Area Scan (8x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.481 W/kg

LTE Band 66 BodyWorn Front QPSK 20MHz 1RB 49offset 132322ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 4.735 V/m; Power Drift = 0.15 dB
 Peak SAR (extrapolated) = 0.787 W/kg
SAR(1 g) = 0.469 W/kg; SAR(10 g) = 0.261 W/kg
 Maximum value of SAR (measured) = 0.579 W/kg



0 dB = 0.481 W/kg = -3.18 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Liquid Temperature: 22.3 °C
 Ambient Temperature: 22.5 °C
 Test Date: 06/08/2022
 Plot No.: 26

Communication System: UID 0, NR Band n5 (0); Frequency: 836.5 MHz;Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 836.5 \text{ MHz}$; $\sigma = 0.925 \text{ S/m}$; $\epsilon_r = 40.514$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

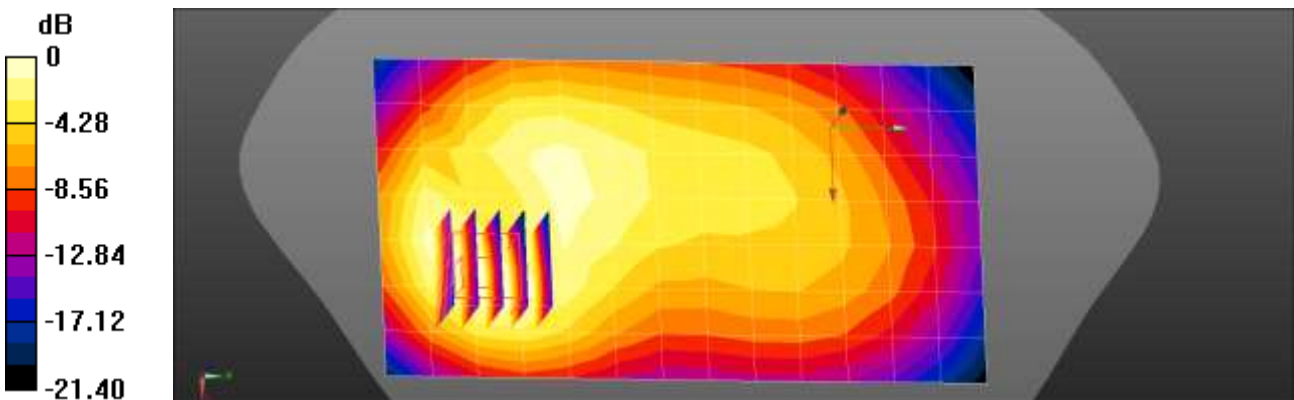
- Probe: EX3DV4 - SN7370; ConvF(9.94, 9.94, 9.94) @ 836.5 MHz; Calibrated: 2021-08-26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1687; Calibrated: 2021-06-21
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

NR Band n5 BodyWorn Rear DFT-s QPSK 20MHz 1RB 104offset 167300ch/Area Scan (8x14x1):

Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.415 W/kg

NR Band n5 BodyWorn Rear DFT-s QPSK 20MHz 1RB 104offset 167300ch/Zoom Scan (5x5x7)/Cube

0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 14.08 V/m; Power Drift = 0.14 dB
 Peak SAR (extrapolated) = 0.523 W/kg
SAR(1 g) = 0.313 W/kg; SAR(10 g) = 0.189 W/kg
 Maximum value of SAR (measured) = 0.440 W/kg



0 dB = 0.415 W/kg = -3.82 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Liquid Temperature: 19.1 °C
 Ambient Temperature: 19.2 °C
 Test Date: 06/14/2022
 Plot No.: 27

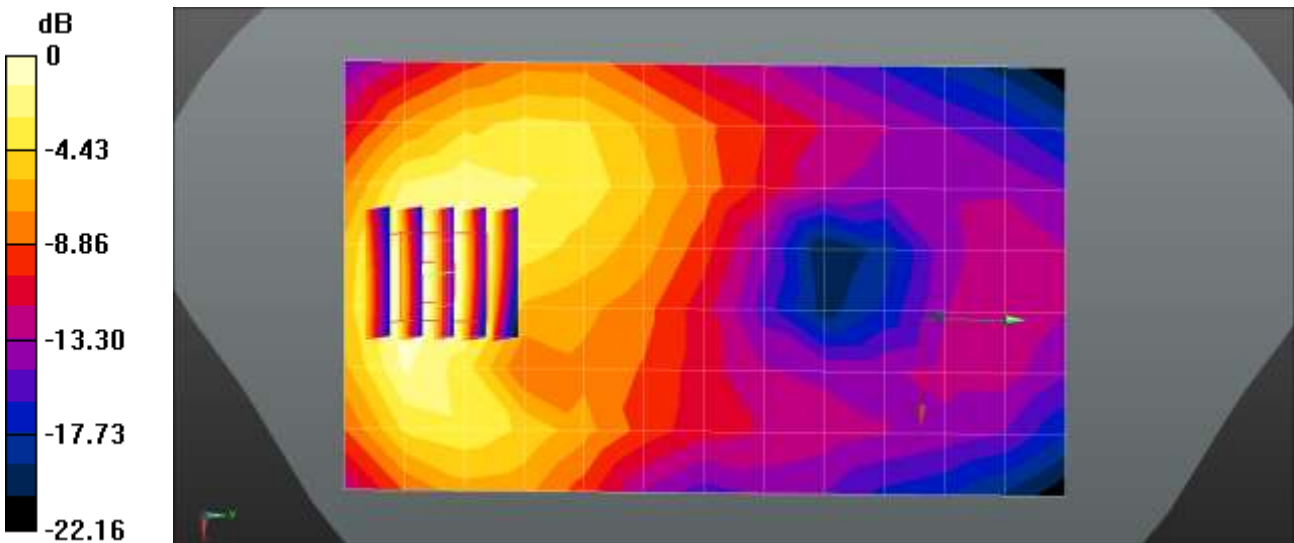
Communication System: UID 0, NR Band 66 (0); Frequency: 1720 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.312$ S/m; $\epsilon_r = 41.627$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3076; ConvF(5.27, 5.27, 5.27) @ 1720 MHz; Calibrated: 2021-07-28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2022-04-29
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR Band n66 BodyWorn Rear DFT-s QPSK 50RB 28offset 344000ch/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.631 W/kg

NR Band n66 BodyWorn Rear DFT-s QPSK 50RB 28offset 344000ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 4.829 V/m; Power Drift = 0.16 dB
 Peak SAR (extrapolated) = 0.964 W/kg
SAR(1 g) = 0.607 W/kg; SAR(10 g) = 0.360 W/kg
 Maximum value of SAR (measured) = 0.731 W/kg



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

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Liquid Temperature: 23.2 °C
 Ambient Temperature: 23.3 °C
 Test Date: 06/08/2022
 Plot No.: 28

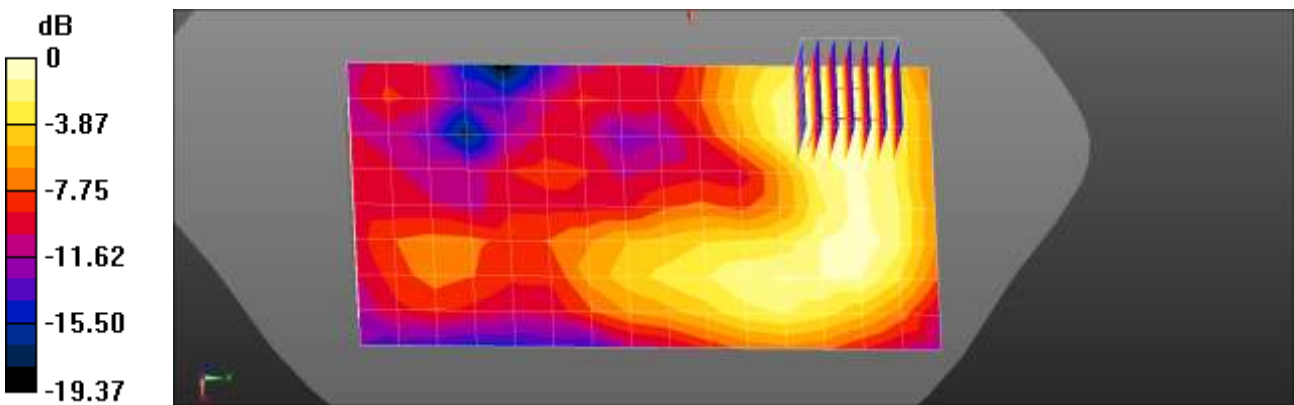
Communication System: UID 0, 2450MHz FCC (0); Frequency: 2437 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.824$ S/m; $\epsilon_r = 39.207$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(8.14, 8.14, 8.14) @ 2437 MHz; Calibrated: 2022-01-20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2021-09-27
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

802.11n20 BodyWorn Rear MCS0 6ch/Area Scan (9x16x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.107 W/kg

802.11n20 BodyWorn Rear MCS0 6ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 1.917 V/m; Power Drift = 0.12 dB
 Peak SAR (extrapolated) = 0.134 W/kg
SAR(1 g) = 0.070 W/kg; SAR(10 g) = 0.039 W/kg
 Maximum value of SAR (measured) = 0.108 W/kg



0 dB = 0.107 W/kg = -9.72 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 20.1 °C
Ambient Temperature: 20.2 °C
Test Date: 05/31/2022
Plot No.: 29

Communication System: UID 0, WIFI 5GHz n40 (0); Frequency: 5310 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 5310$ MHz; $\sigma = 4.784$ S/m; $\epsilon_r = 36.719$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(5.54, 5.54, 5.54) @ 5310 MHz; Calibrated: 2022-01-20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2021-09-27
- Phantom: SAM with CRP v5.0(Right)_2014_03_05; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

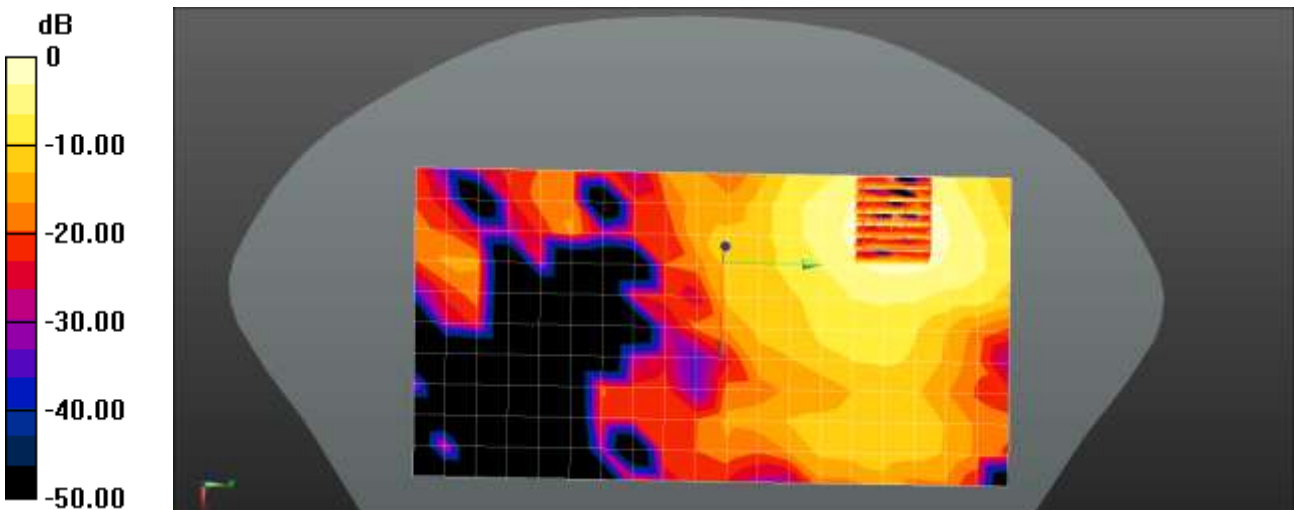
802.11n40 BodyWorn Front MCS0 62ch/Area Scan (11x20x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.296 W/kg

802.11n40 BodyWorn Front MCS0 62ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.2740 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.510 W/kg

SAR(1 g) = 0.136 W/kg; SAR(10 g) = 0.054 W/kg

Maximum value of SAR (measured) = 0.314 W/kg



0 dB = 0.314 W/kg = -5.03 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 18.7 °C
Ambient Temperature: 18.8 °C
Test Date: 06/02/2022
Plot No.: 30

Communication System: UID 0, WIFI 5GHz n40 (0); Frequency: 5590 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 5590$ MHz; $\sigma = 4.954$ S/m; $\epsilon_r = 36.413$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

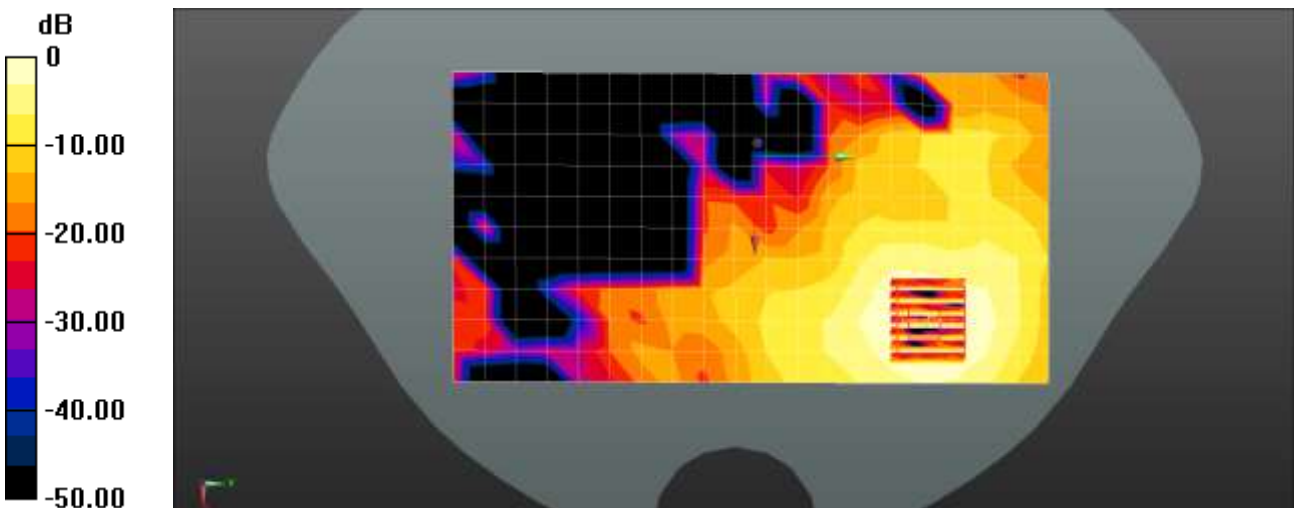
- Probe: EX3DV4 - SN7702; ConvF(4.8, 4.8, 4.8) @ 5590 MHz; Calibrated: 2022-01-20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2021-09-27
- Phantom: SAM with CRP v5.0(Right)_2014_03_05; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

802.11n40 BodyWorn Rear MCS0 118ch/Area Scan (11x20x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.347 W/kg

802.11n40 BodyWorn Rear MCS0 118ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.262 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.595 W/kg

SAR(1 g) = 0.146 W/kg; SAR(10 g) = 0.061 W/kg
Maximum value of SAR (measured) = 0.340 W/kg



0 dB = 0.340 W/kg = -4.69 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 19.2 °C
Ambient Temperature: 19.3 °C
Test Date: 06/04/2022
Plot No.: 31

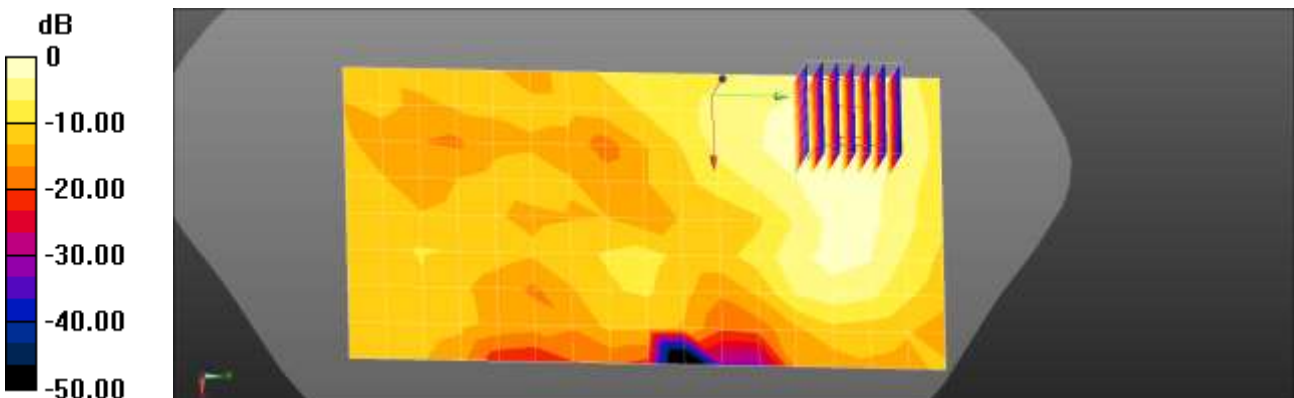
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz;Duty Cycle: 1: 1.303
Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.827$ S/m; $\epsilon_r = 39.211$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(8.14, 8.14, 8.14) @ 2441 MHz; Calibrated: 2022-01-20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2021-09-27
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

Bluetooth BodyWorn Rear DH5 39ch/Area Scan (9x17x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.0831 W/kg

Bluetooth BodyWorn Rear DH5 39ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.163 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.107 W/kg
SAR(1 g) = 0.058 W/kg; SAR(10 g) = 0.032 W/kg
Maximum value of SAR (measured) = 0.0889 W/kg



0 dB = 0.0831 W/kg = -10.80 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 19.2 °C
Ambient Temperature: 19.2 °C
Test Date: 06/09/2022
Plot No.: 32

Communication System: UID 0, GSM850 GPRS 2TX (0); Frequency: 848.8 MHz;Duty Cycle: 1:4.14954
Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.939$ S/m; $\epsilon_r = 41.204$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(9.79, 9.79, 9.79) @ 848.8 MHz; Calibrated: 2021-09-10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn504; Calibrated: 2022-03-01
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 Ax; Serial: 2014
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

GSM 850 2TX Body Rear 251ch/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.02 W/kg

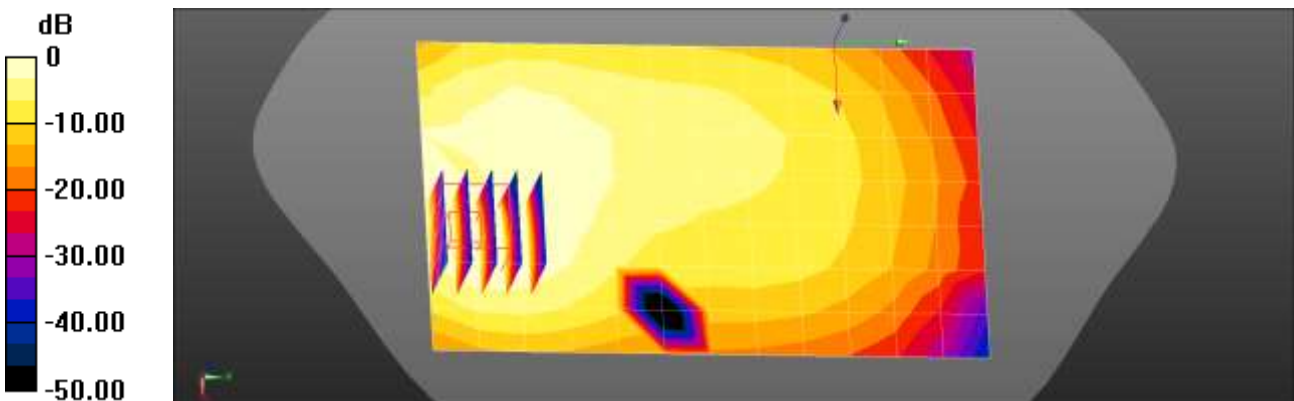
GSM 850 2TX Body Rear 251ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.50 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.60 W/kg

SAR(1 g) = 0.877 W/kg; SAR(10 g) = 0.499 W/kg

Maximum value of SAR (measured) = 1.18 W/kg



0 dB = 1.02 W/kg = 0.08 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Liquid Temperature: 19.8 °C
 Ambient Temperature: 19.9 °C
 Test Date: 06/02/2022
 Plot No.: 33

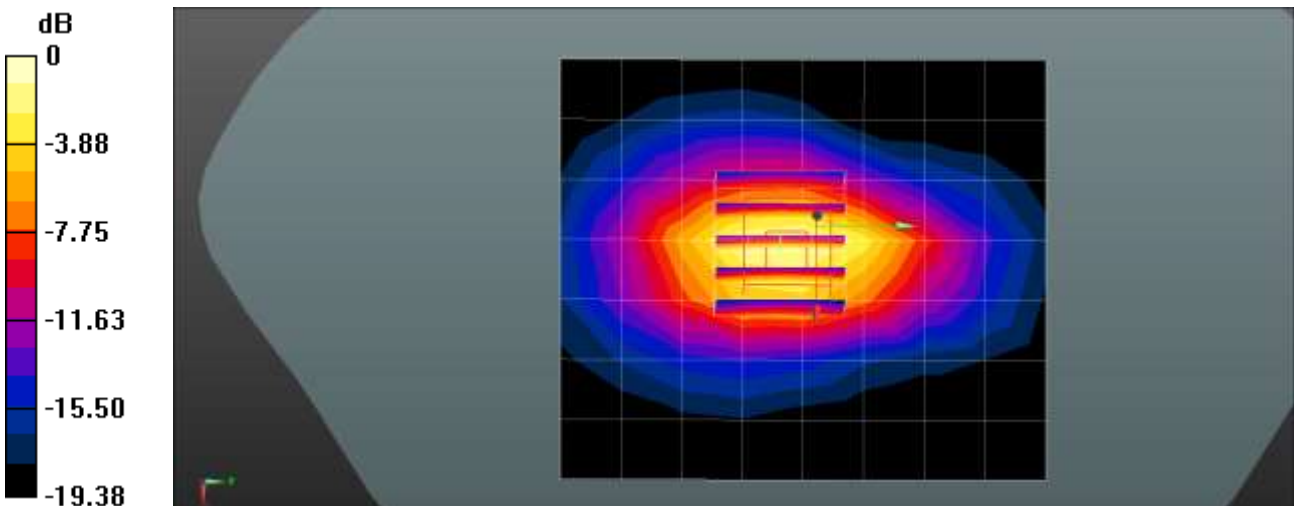
Communication System: UID 0, GSM1900 GPRS 3Tx (0); Frequency: 1880 MHz; Duty Cycle: 1:2.77013
 Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.376 \text{ S/m}$; $\epsilon_r = 41.382$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3076; ConvF(5.05, 5.05, 5.05) @ 1880 MHz; Calibrated: 2021-07-28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2022-04-29
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

GSM1900 3Tx Body Bottom 661ch/Area Scan (8x9x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.733 W/kg

GSM1900 3Tx Body Bottom 661ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 23.71 V/m; Power Drift = 0.19 dB
 Peak SAR (extrapolated) = 1.13 W/kg
SAR(1 g) = 0.663 W/kg; SAR(10 g) = 0.353 W/kg
 Smallest distance from peaks to all points 3 dB below = 9.6 mm
 Maximum value of SAR (measured) = 0.826 W/kg



0 dB = 0.826 W/kg = -0.83 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 19.0 °C
Ambient Temperature: 19.0 °C
Test Date: 06/10/2022
Plot No.: 34

Communication System: UID 0, WCDMA850 (0); Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.926$ S/m; $\epsilon_r = 40.633$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(9.79, 9.79, 9.79) @ 836.6 MHz; Calibrated: 2021-09-10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn504; Calibrated: 2022-03-01
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 Ax; Serial: 2014
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

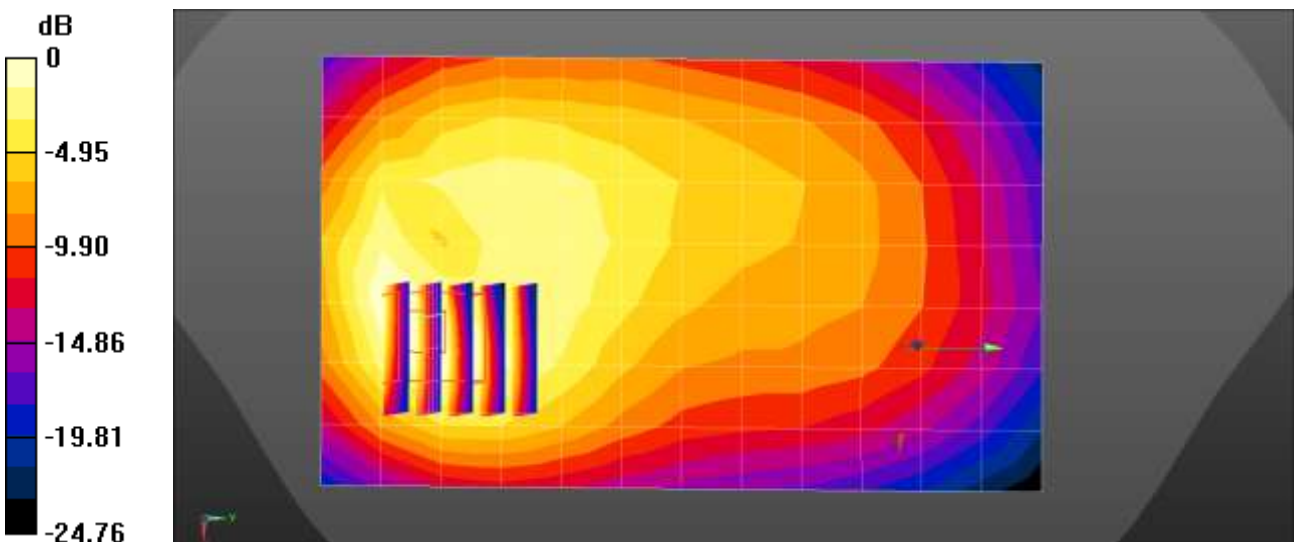
UMTS Band 5 Body Rear 4183ch/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.11 W/kg

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

Reference Value = 17.51 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 0.846 W/kg; SAR(10 g) = 0.478 W/kg

Maximum value of SAR (measured) = 1.18 W/kg



0 dB = 1.11 W/kg = 0.45 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 20.5 °C
Ambient Temperature: 20.6 °C
Test Date: 06/07/2022
Plot No.: 35

Communication System: UID 0, WCDMA IV (0); Frequency: 1712.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.33$ S/m; $\epsilon_r = 41.726$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3076; ConvF(5.27, 5.27, 5.27) @ 1712.4 MHz; Calibrated: 2021-07-28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2022-04-29
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

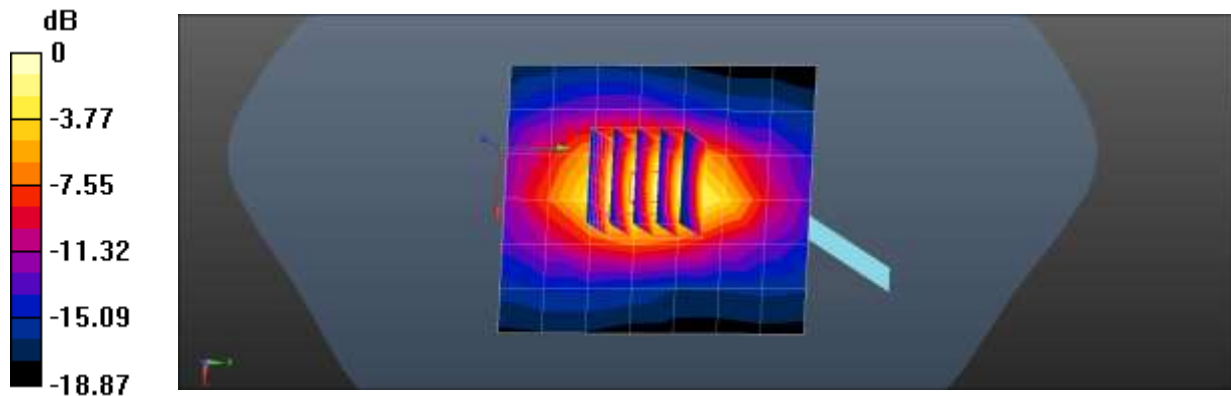
UMTS Band 4 Body Bottom 1312ch/Area Scan (7x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.07 W/kg

UMTS Band 4 Body Bottom 1312ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.75 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 1.65 W/kg

SAR(1 g) = 0.934 W/kg; SAR(10 g) = 0.493 W/kg

Maximum value of SAR (measured) = 1.17 W/kg



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

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 19.0 °C
Ambient Temperature: 19.1 °C
Test Date: 06/03/2022
Plot No.: 36

Communication System: UID 0, WCDMA1900 (0); Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1852.4$ MHz; $\sigma = 1.44$ S/m; $\epsilon_r = 40.704$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3076; ConvF(5.05, 5.05, 5.05) @ 1852.4 MHz; Calibrated: 2021-07-28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2022-04-29
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

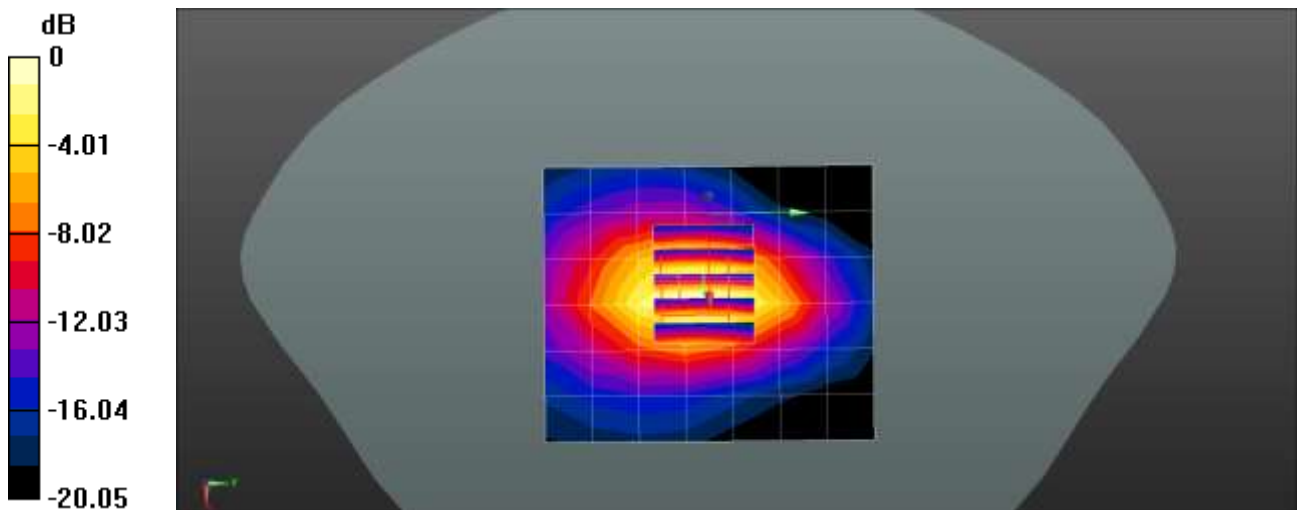
UMTS Band 2 Body Bottom 9262ch/Area Scan (7x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.18 W/kg

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

Reference Value = 29.29 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 1.80 W/kg

SAR(1 g) = 0.985 W/kg; SAR(10 g) = 0.509 W/kg

Maximum value of SAR (measured) = 1.24 W/kg



0 dB = 1.24 W/kg = 0.93 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 19.0 °C
Ambient Temperature: 19.1 °C
Test Date: 06/03/2022
Plot No.: 37

Communication System: UID 0, WCDMA1900 (0); Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1907.6$ MHz; $\sigma = 1.371$ S/m; $\epsilon_r = 40.512$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3076; ConvF(5.05, 5.05, 5.05) @ 1907.6 MHz; Calibrated: 2021-07-28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2022-04-29
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

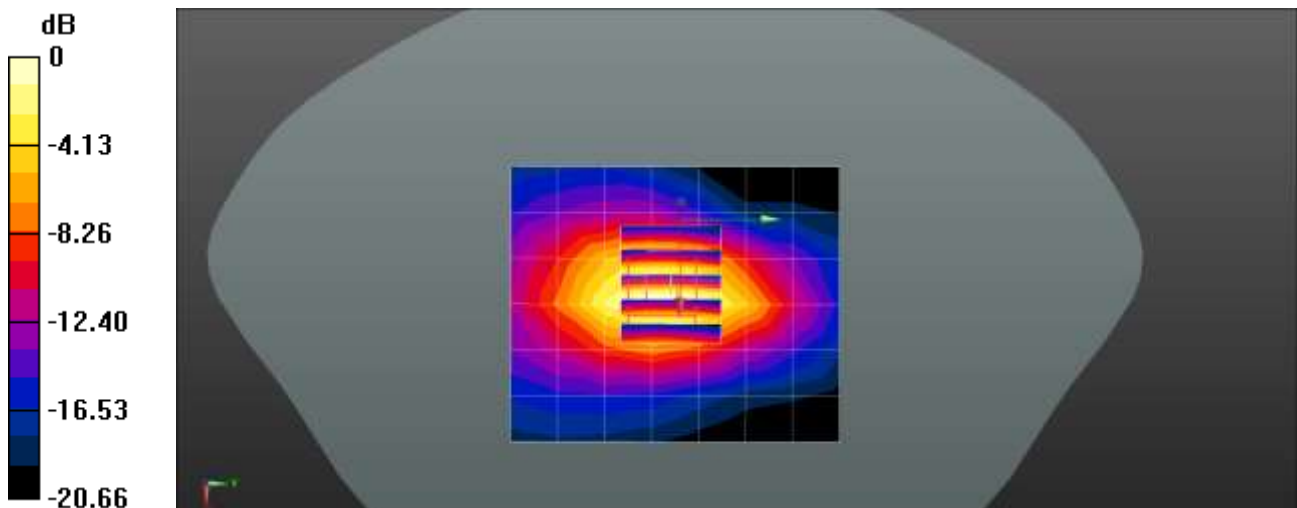
UMTS Band 2 Body Bottom 9538ch/Area Scan (7x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.15 W/kg

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

Reference Value = 29.59 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.78 W/kg

SAR(1 g) = 0.954 W/kg; SAR(10 g) = 0.483 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
 Liquid Temperature: 22.7 °C
 Ambient Temperature: 22.8 °C
 Test Date: 06/08/2022
 Plot No.: 38

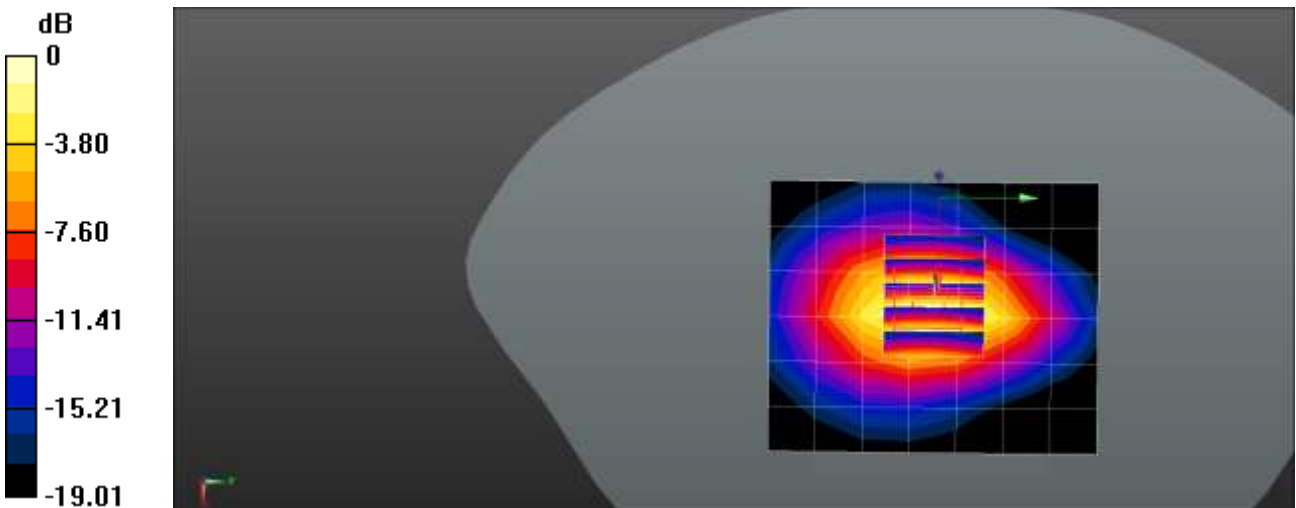
Communication System: UID 0, LTE Band 2 (0); Frequency: 1900 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.363 \text{ S/m}$; $\epsilon_r = 40.485$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3076; ConvF(5.05, 5.05, 5.05) @ 1900 MHz; Calibrated: 2021-07-28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2022-04-29
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

LTE Band 2 Body Bottom QPSK 20MHz 50RB 25offset 19100ch/Area Scan (7x8x1): Measurement grid:
 $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 1.06 W/kg

LTE Band 2 Body Bottom QPSK 20MHz 50RB 25offset 19100ch/Zoom Scan (5x5x7)/Cube 0:
 Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 29.64 V/m; Power Drift = 0.12 dB
 Peak SAR (extrapolated) = 1.65 W/kg
SAR(1 g) = 0.921 W/kg; SAR(10 g) = 0.484 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
 Liquid Temperature: 19.7 °C
 Ambient Temperature: 19.8 °C
 Test Date: 05/27/2022
 Plot No.: 39

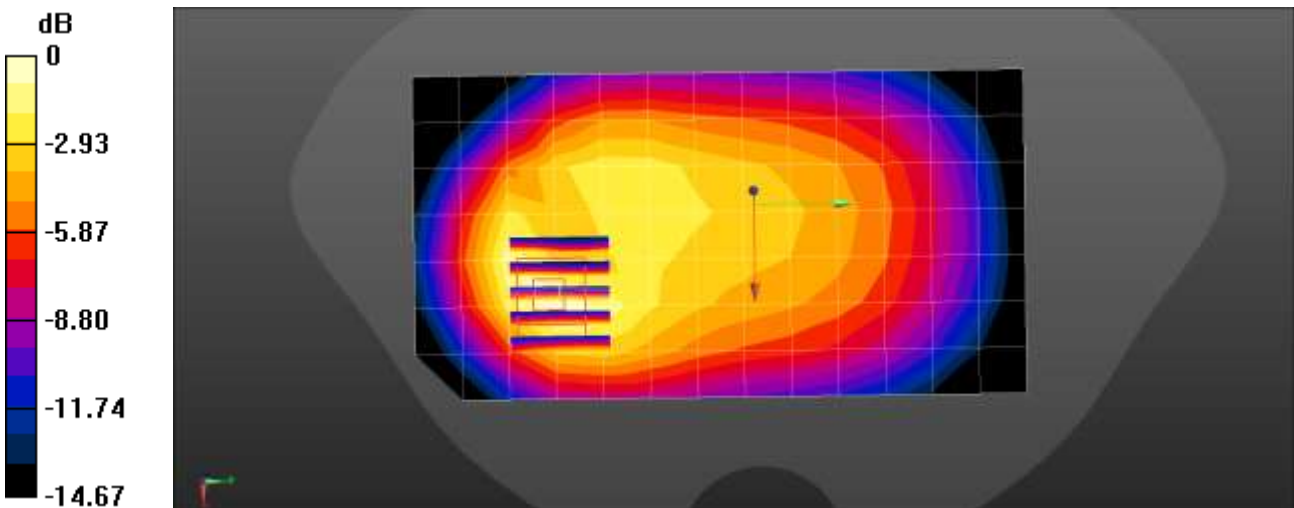
Communication System: UID 0, LTE 12 (0); Frequency: 707.5 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 707.5 \text{ MHz}$; $\sigma = 0.869 \text{ S/m}$; $\epsilon_r = 41.342$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(10.07, 10.07, 10.07) @ 707.5 MHz; Calibrated: 2021-08-26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1687; Calibrated: 2021-06-21
- 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 (7483)

LTE Band 12 Body Rear QPSK 10MHz 1RB 49offset 23095ch/Area Scan (8x14x1): Measurement grid:
 $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.416 W/kg

LTE Band 12 Body Rear QPSK 10MHz 1RB 49offset 23095ch/Zoom Scan (5x5x7)/Cube 0:
 Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 15.46 V/m; Power Drift = -0.03 dB
 Peak SAR (extrapolated) = 0.524 W/kg
SAR(1 g) = 0.282 W/kg; SAR(10 g) = 0.163 W/kg
 Maximum value of SAR (measured) = 0.427 W/kg



0 dB = 0.427 W/kg = -3.70 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Liquid Temperature: 20.0 °C
 Ambient Temperature: 20.1 °C
 Test Date: 05/26/2022
 Plot No.: 40

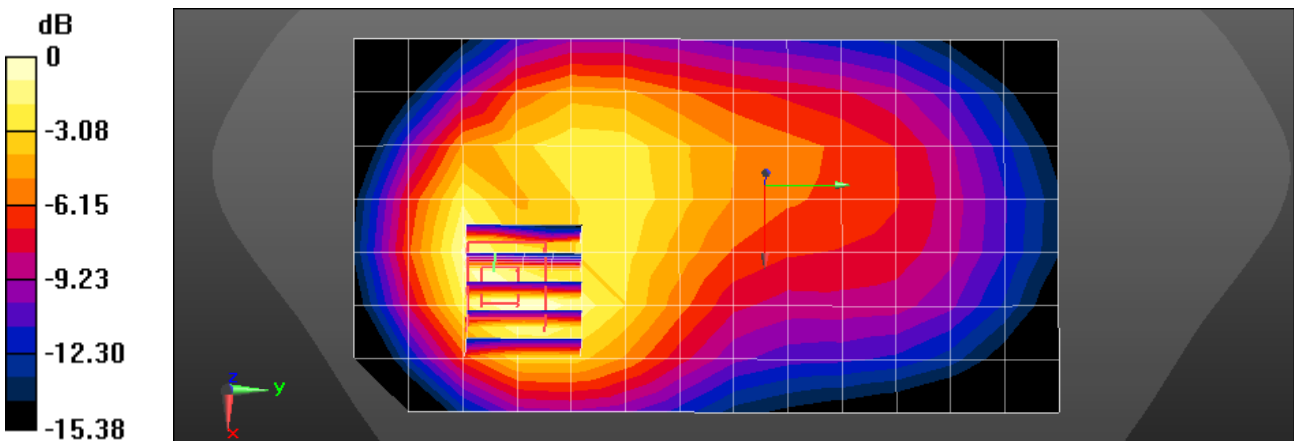
Communication System: UID 0, LTE 26 (0); Frequency: 831.5 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 831.5 \text{ MHz}$; $\sigma = 0.919 \text{ S/m}$; $\epsilon_r = 40.415$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(9.94, 9.94, 9.94) @ 831.5 MHz; Calibrated: 2021-08-26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1687; Calibrated: 2021-06-21
- 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 (7483)

LTE Band 26 Body Rear QPSK 15MHz 1RB 74offset 26865ch/Area Scan (8x14x1): Measurement grid:
 $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.724 W/kg

LTE Band 26 Body Rear QPSK 15MHz 1RB 74offset 26865ch/Zoom Scan (5x5x7)/Cube 0:
 Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 14.81 V/m; Power Drift = -0.02 dB
 Peak SAR (extrapolated) = 0.895 W/kg
SAR(1 g) = 0.509 W/kg; SAR(10 g) = 0.300 W/kg
 Maximum value of SAR (measured) = 0.739 W/kg



0 dB = 0.739 W/kg = -1.31 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Liquid Temperature: 19.2 °C
 Ambient Temperature: 19.3 °C
 Test Date: 05/27/2022
 Plot No.: 41

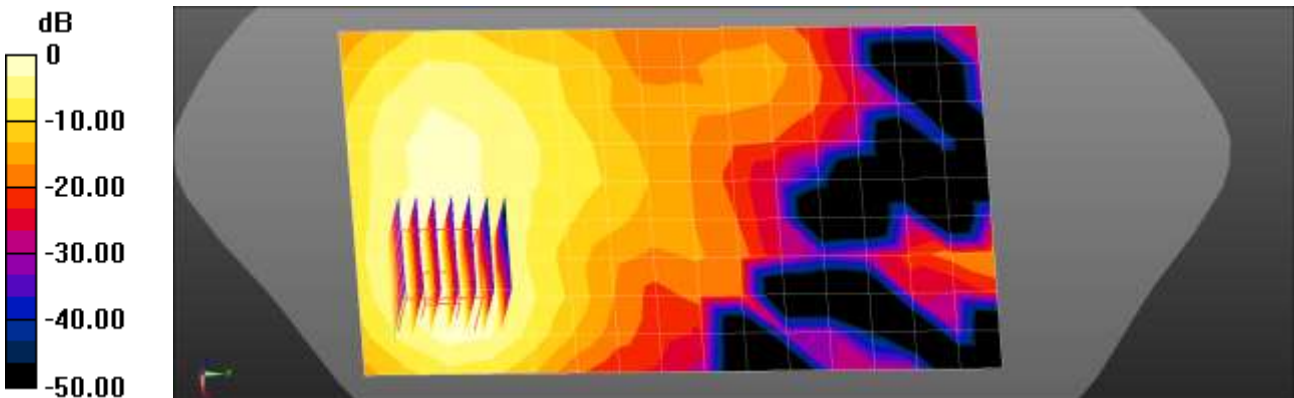
Communication System: UID 0, LTE Band 41 (0); Frequency: 2593 MHz;Duty Cycle: 1:1.58016
 Medium parameters used (interpolated): $f = 2593$ MHz; $\sigma = 2.032$ S/m; $\epsilon_r = 38.143$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(7.93, 7.93, 7.93) @ 2593 MHz; Calibrated: 2022-01-20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2021-09-27
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

LTE Band 41 Body Rear QPSK 20MHz 50RB 25offset 40620ch/Area Scan (10x16x1): Measurement grid:
 $dx=12$ mm, $dy=12$ mm
 Maximum value of SAR (measured) = 0.572 W/kg

LTE Band 41 Body Rear QPSK 20MHz 50RB 25offset 40620ch/Zoom Scan (7x7x7)/Cube 0:
 Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
 Reference Value = 2.145 V/m; Power Drift = -0.19 dB
 Peak SAR (extrapolated) = 0.861 W/kg
SAR(1 g) = 0.407 W/kg; SAR(10 g) = 0.189 W/kg
 Maximum value of SAR (measured) = 0.680 W/kg



0 dB = 0.572 W/kg = -2.42 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Liquid Temperature: 20.9 °C
 Ambient Temperature: 21.0 °C
 Test Date: 06/10/2022
 Plot No.: 42

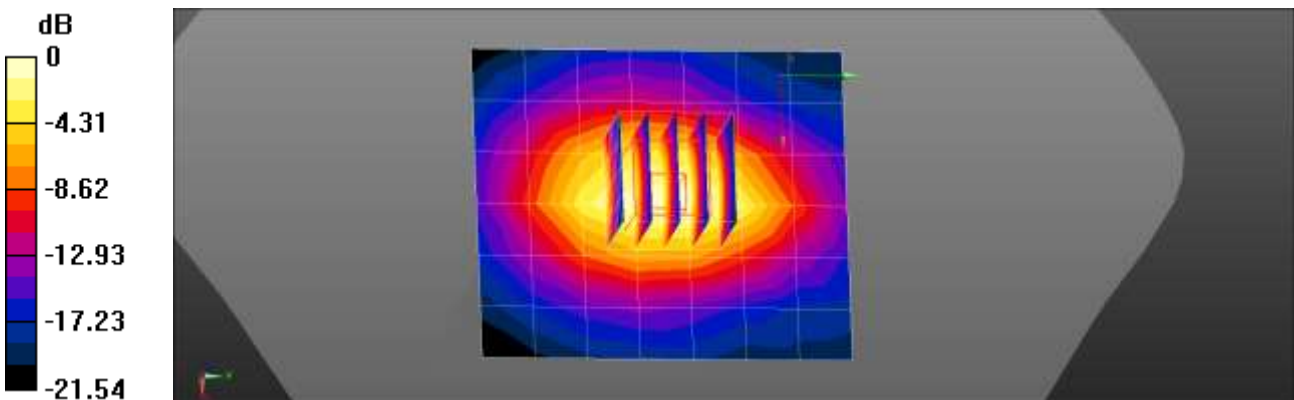
Communication System: UID 0, LTE Band66 (0); Frequency: 1770 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 1770 \text{ MHz}$; $\sigma = 1.389 \text{ S/m}$; $\epsilon_r = 41.541$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3076; ConvF(5.27, 5.27, 5.27) @ 1770 MHz; Calibrated: 2021-07-28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2022-04-29
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

LTE Band 66 Body Bottom QPSK 20MHz 50RB 25offset 132572ch/Area Scan (7x8x1): Measurement
 grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.822 W/kg

LTE Band 66 Body Bottom QPSK 20MHz 50RB 25offset 132572ch/Zoom Scan (5x5x7)/Cube 0:
 Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 25.92 V/m; Power Drift = 0.11 dB
 Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.726 W/kg; SAR(10 g) = 0.394 W/kg
 Maximum value of SAR (measured) = 0.900 W/kg



0 dB = 0.822 W/kg = -0.85 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 22.3 °C
Ambient Temperature: 22.5 °C
Test Date: 06/08/2022
Plot No.: 43

Communication System: UID 0, NR Band n5 (0); Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.925$ S/m; $\epsilon_r = 40.514$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

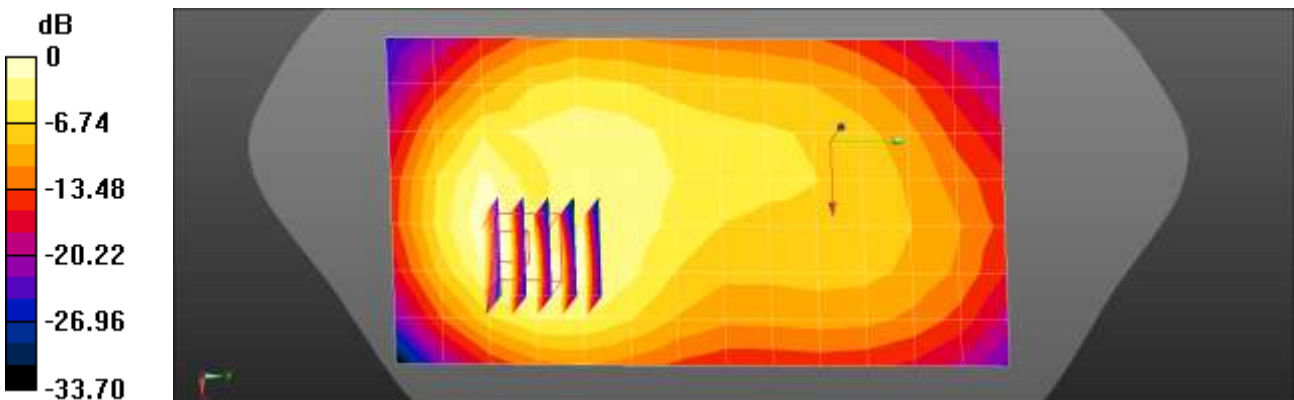
- Probe: EX3DV4 - SN7370; ConvF(9.94, 9.94, 9.94) @ 836.5 MHz; Calibrated: 2021-08-26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1687; Calibrated: 2021-06-21
- Phantom: Twin-SAM V5.0 (20deg probe tilt); Type: QD 000 P40 CD; Serial: xxxx
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

NR Band n5 Body Rear DFT-s QPSK 20MHz 1RB 104offset 167300ch/Area Scan (8x14x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.864 W/kg

NR Band n5 Body Rear DFT-s QPSK 20MHz 1RB 104offset 167300ch/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.61 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.638 W/kg; SAR(10 g) = 0.367 W/kg
Maximum value of SAR (measured) = 0.938 W/kg



0 dB = 0.864 W/kg = -0.64 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Liquid Temperature: 19.1 °C
 Ambient Temperature: 19.2 °C
 Test Date: 06/14/2022
 Plot No.: 44

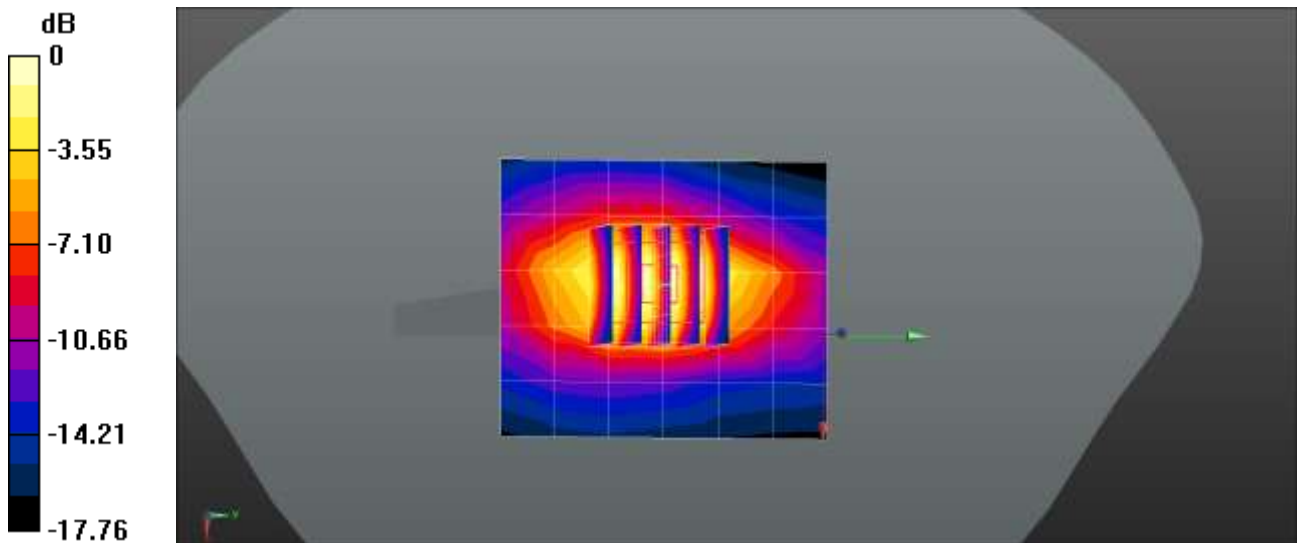
Communication System: UID 0, NR Band 66 (0); Frequency: 1720 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1720 \text{ MHz}$; $\sigma = 1.312 \text{ S/m}$; $\epsilon_r = 41.627$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3076; ConvF(5.27, 5.27, 5.27) @ 1720 MHz; Calibrated: 2021-07-28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2022-04-29
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

NR Band n66 Body Bottom DFT-s QPSK 1RB 1offset 344000ch/Area Scan (6x7x1): Measurement grid:
 $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.788 W/kg

NR Band n66 Body Bottom DFT-s QPSK 1RB 1offset 344000ch/Zoom Scan (5x5x7)/Cube 0:
 Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 27.20 V/m; Power Drift = -0.16 dB
 Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.714 W/kg; SAR(10 g) = 0.406 W/kg
 Maximum value of SAR (measured) = 0.854 W/kg



0 dB = 0.788 W/kg = -1.03 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Liquid Temperature: 23.2 °C
 Ambient Temperature: 23.3 °C
 Test Date: 06/08/2022
 Plot No.: 45

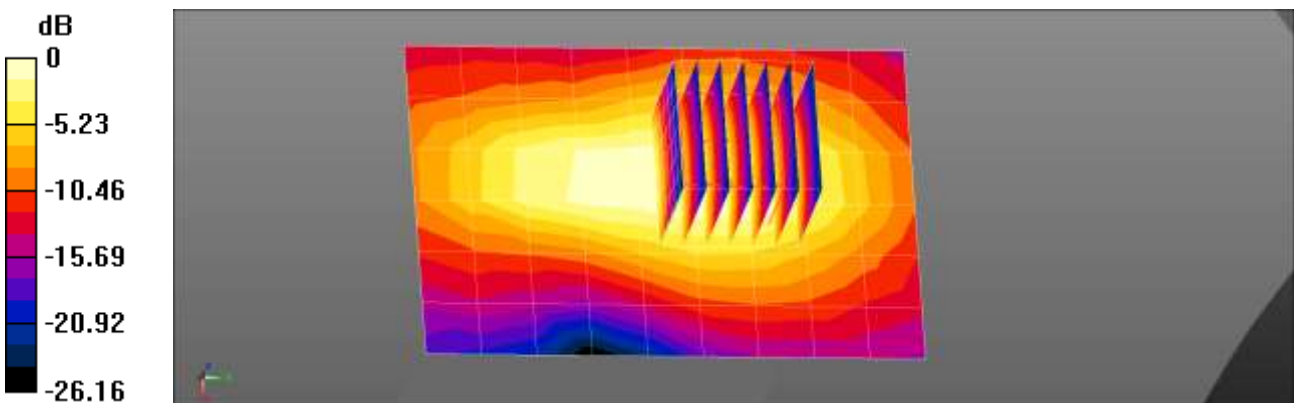
Communication System: UID 0, 2450MHz FCC (0); Frequency: 2437 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.824$ S/m; $\epsilon_r = 39.207$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(8.14, 8.14, 8.14) @ 2437 MHz; Calibrated: 2022-01-20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2021-09-27
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

802.11n20 Body Top MCS0 6ch/Area Scan (7x10x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.287 W/kg

802.11n20 Body Top MCS0 6ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 12.24 V/m; Power Drift = 0.16 dB
 Peak SAR (extrapolated) = 0.455 W/kg
SAR(1 g) = 0.216 W/kg; SAR(10 g) = 0.105 W/kg
 Maximum value of SAR (measured) = 0.360 W/kg



0 dB = 0.287 W/kg = -5.43 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 19.0 °C
Ambient Temperature: 19.2 °C
Test Date: 06/03/2022
Plot No.: 46

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5775 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 5775$ MHz; $\sigma = 5.235$ S/m; $\epsilon_r = 36.208$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(4.95, 4.95, 4.95) @ 5775 MHz; Calibrated: 2022-01-20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2021-09-27
- Phantom: SAM with CRP v5.0(Right)_2014_03_05
- Measurement SW: DASY52, Version 52.10 (4)

802.11ac80 Body Left 155ch/Area Scan (61x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.195 W/kg

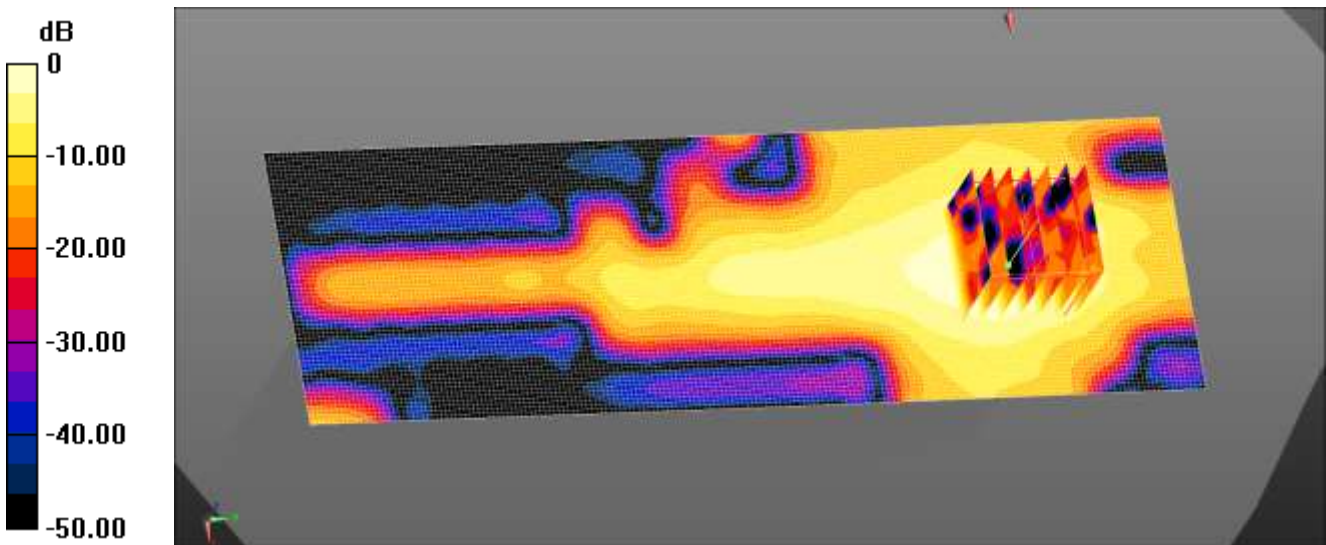
802.11ac80 Body Left 155ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.654 V/m; Power Drift = -2.38 dB

Peak SAR (extrapolated) = 0.337 W/kg

SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.026 W/kg

Maximum value of SAR (measured) = 0.198 W/kg



0 dB = 0.198 W/kg = -7.03 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 19.2 °C
Ambient Temperature: 19.3 °C
Test Date: 06/04/2022
Plot No.: 47

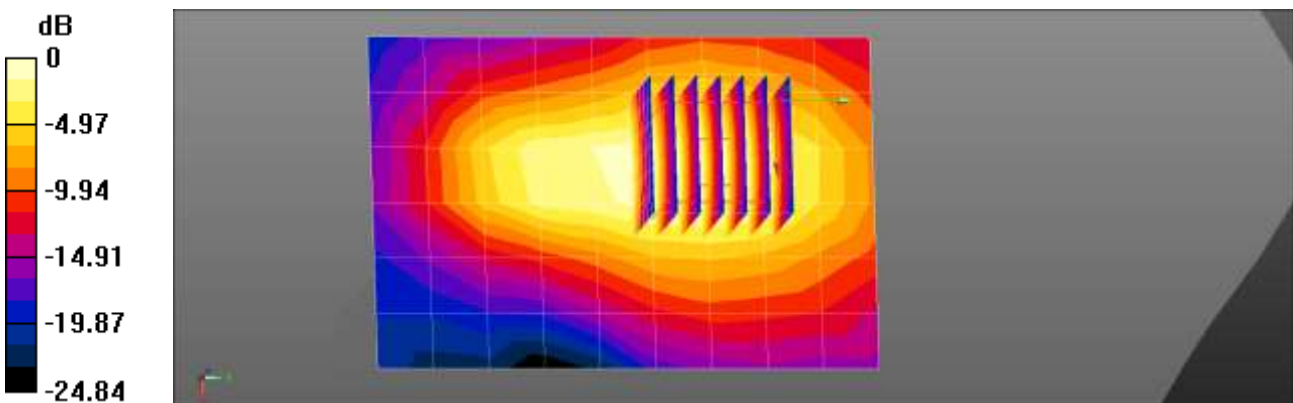
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1: 1.303
Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.827$ S/m; $\epsilon_r = 39.211$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(8.14, 8.14, 8.14) @ 2441 MHz; Calibrated: 2022-01-20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2021-09-27
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

Bluetooth Body Top DH5 39ch/Area Scan (7x10x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.244 W/kg

Bluetooth Body Top DH5 39ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.757 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.348 W/kg
SAR(1 g) = 0.173 W/kg; SAR(10 g) = 0.085 W/kg
Maximum value of SAR (measured) = 0.279 W/kg



0 dB = 0.244 W/kg = -6.13 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 19.8 °C
Ambient Temperature: 19.9 °C
Test Date: 06/02/2022
Plot No.: 48

Communication System: UID 0, GSM1900 GPRS 3Tx (0); Frequency: 1880 MHz;Duty Cycle: 1:2.77013
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.376$ S/m; $\epsilon_r = 41.382$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3076; ConvF(5.05, 5.05, 5.05) @ 1880 MHz; Calibrated: 2021-07-28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2022-04-29
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

GSM1900 3Tx Phablet Bottom 661ch/Area Scan (8x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.60 W/kg

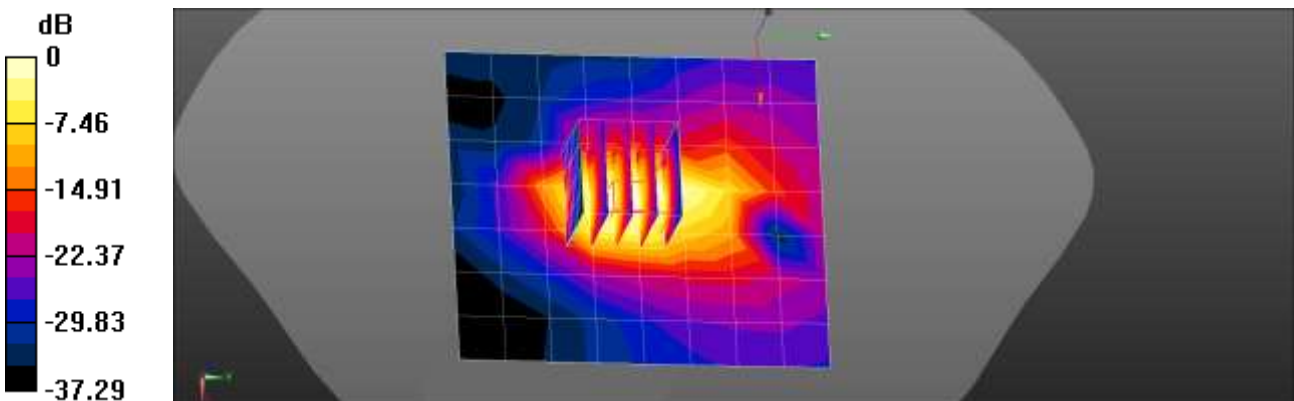
GSM1900 3Tx Phablet Bottom 661ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 53.59 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 6.16 W/kg

SAR(1 g) = 3.06 W/kg; SAR(10 g) = 1.38 W/kg

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



0 dB = 2.60 W/kg = 4.16 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 19.0 °C
Ambient Temperature: 19.1 °C
Test Date: 06/03/2022
Plot No.: 49

Communication System: UID 0, WCDMA1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.425$ S/m; $\epsilon_r = 40.603$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

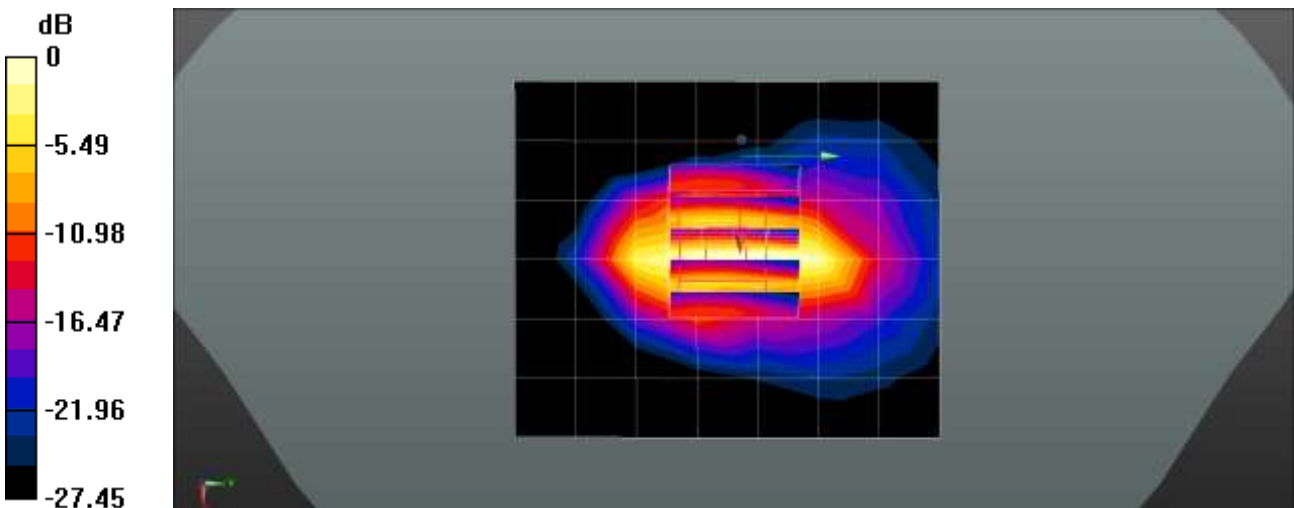
- Probe: ES3DV3 - SN3076; ConvF(5.05, 5.05, 5.05) @ 1880 MHz; Calibrated: 2021-07-28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2022-04-29
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

UMTS Band 2 Phablet Bottom 9400ch/Area Scan (7x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 6.30 W/kg

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

Reference Value = 61.50 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 12.1 W/kg

SAR(1 g) = 3.93 W/kg; SAR(10 g) = 1.72 W/kg
Maximum value of SAR (measured) = 6.42 W/kg



0 dB = 6.42 W/kg = 8.08 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 20.5 °C
Ambient Temperature: 20.6 °C
Test Date: 06/07/2022
Plot No.: 50

Communication System: UID 0, WCDMA IV (0); Frequency: 1732.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1732.4$ MHz; $\sigma = 1.351$ S/m; $\epsilon_r = 41.655$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

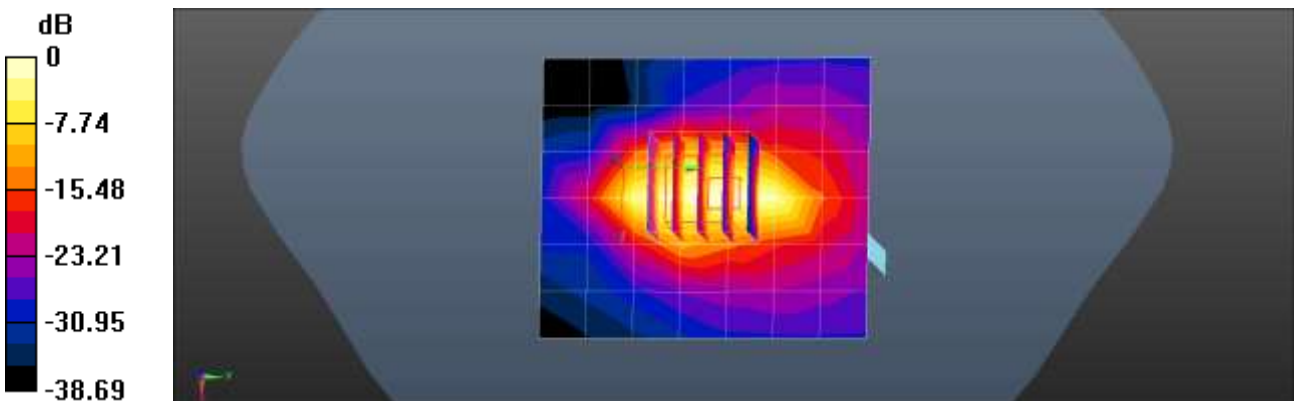
- Probe: ES3DV3 - SN3076; ConvF(5.27, 5.27, 5.27) @ 1732.4 MHz; Calibrated: 2021-07-28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2022-04-29
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

UMTS Band 4 Phablet Bottom 1412ch/Area Scan (7x8x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 7.05 W/kg

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

Reference Value = 65.54 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 13.9 W/kg

SAR(1 g) = 4.5 W/kg; SAR(10 g) = 1.95 W/kg
Maximum value of SAR (measured) = 7.51 W/kg



0 dB = 7.05 W/kg = 8.48 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 23.8 °C
Ambient Temperature: 23.9 °C
Test Date: 06/09/2022
Plot No.: 51

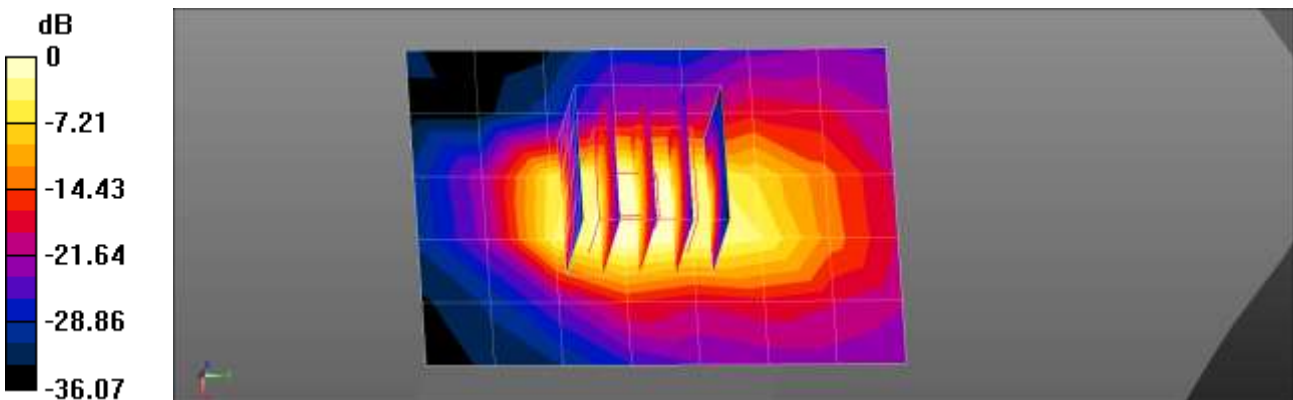
Communication System: UID 0, LTE Band 2 (0); Frequency: 1880 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.396$ S/m; $\epsilon_r = 41.384$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3076; ConvF(5.05, 5.05, 5.05) @ 1880 MHz; Calibrated: 2021-07-28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2022-04-29
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

LTE Band 2 Phablet Bottom QPSK 20MHz 50RB 25offset 18900ch/Area Scan (6x8x1): Measurement
grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.86 W/kg

LTE Band 2 Phablet Bottom QPSK 20MHz 50RB 25offset 18900ch/Zoom Scan (5x5x7)/Cube 0:
Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 51.45 V/m; Power Drift = -0.19 dB
Peak SAR (extrapolated) = 5.46 W/kg
SAR(1 g) = 2.65 W/kg; SAR(10 g) = 1.18 W/kg
Maximum value of SAR (measured) = 3.71 W/kg



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

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Liquid Temperature: 19.6 °C
 Ambient Temperature: 19.7 °C
 Test Date: 06/13/2022
 Plot No.: 52

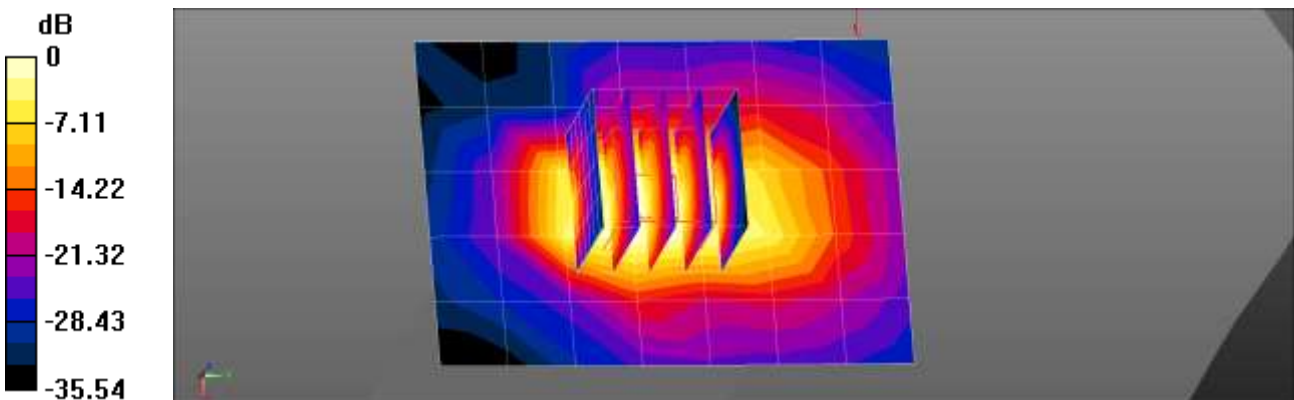
Communication System: UID 0, LTE Band66 (0); Frequency: 1770 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 1770 \text{ MHz}$; $\sigma = 1.39 \text{ S/m}$; $\epsilon_r = 41.525$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3076; ConvF(5.27, 5.27, 5.27) @ 1770 MHz; Calibrated: 2021-07-28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2022-04-29
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

LTE Band 66 Phablet Bottom QPSK 20MHz 1RB 0offset 132572ch/Area Scan (6x8x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 2.09 W/kg

LTE Band 66 Phablet Bottom QPSK 20MHz 1RB 0offset 132572ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 55.62 V/m; Power Drift = -0.10 dB
 Peak SAR (extrapolated) = 5.87 W/kg
SAR(1 g) = 3.01 W/kg; SAR(10 g) = 1.38 W/kg
 Maximum value of SAR (measured) = 4.17 W/kg



0 dB = 2.09 W/kg = 3.21 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Liquid Temperature: 20.8 °C
 Ambient Temperature: 20.9 °C
 Test Date: 06/15/2022
 Plot No.: 53

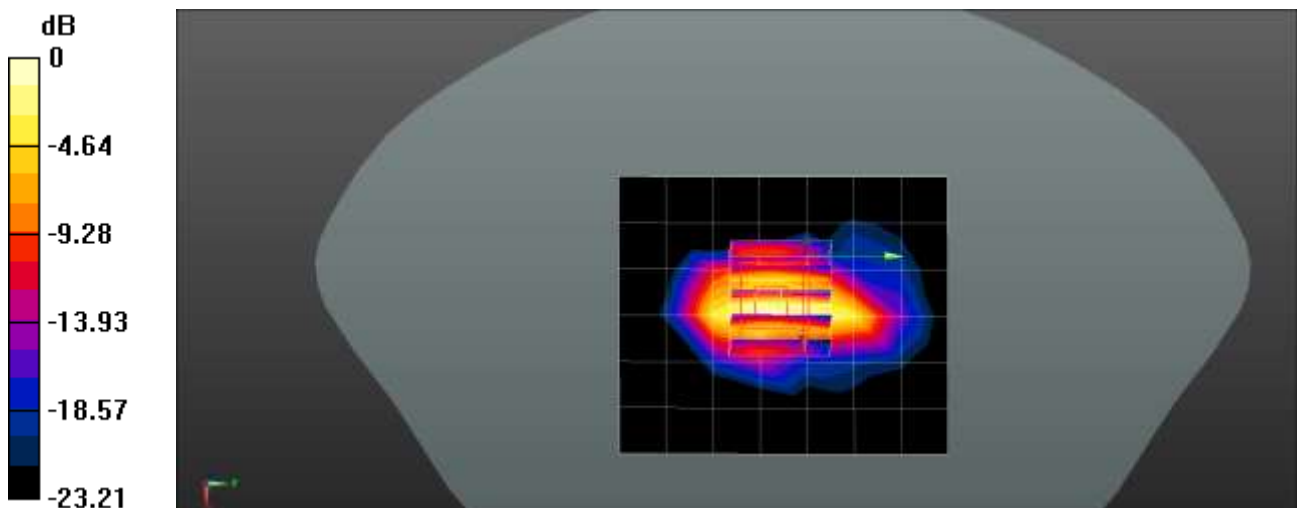
Communication System: UID 0, NR Band 66 (0); Frequency: 1720 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.338$ S/m; $\epsilon_r = 41.714$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3076; ConvF(5.27, 5.27, 5.27) @ 1720 MHz; Calibrated: 2021-07-28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2022-04-29
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

NR Band n66 Phablet Bottom DFT-s QPSK 50RB 0offset 344000ch/Area Scan (7x8x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 4.65 W/kg

NR Band n66 Phablet Bottom DFT-s QPSK 50RB 0offset 344000ch/Zoom Scan (5x5x7)/Cube 0:
 Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 58.99 V/m; Power Drift = 0.15 dB
 Peak SAR (extrapolated) = 7.64 W/kg
SAR(1 g) = 3.88 W/kg; SAR(10 g) = 1.83 W/kg
 Maximum value of SAR (measured) = 5.33 W/kg



0 dB = 5.33 W/kg = 7.27 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Liquid Temperature: 20.1 °C
 Ambient Temperature: 20.2 °C
 Test Date: 05/31/2022
 Plot No.: 54

Communication System: UID 0, WIFI 5GHz n40 (0); Frequency: 5270 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 5270 \text{ MHz}$; $\sigma = 4.71 \text{ S/m}$; $\epsilon_r = 36.664$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(5.54, 5.54, 5.54) @ 5270 MHz; Calibrated: 2022-01-20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2021-09-27
- Phantom: SAM with CRP v5.0(Right)_2014_03_05
- Measurement SW: DASY52, Version 52.10 (4)

802.11n40 Body Left MCS0 54ch/Area Scan (101x191x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
 Maximum value of SAR (interpolated) = 11.5 W/kg

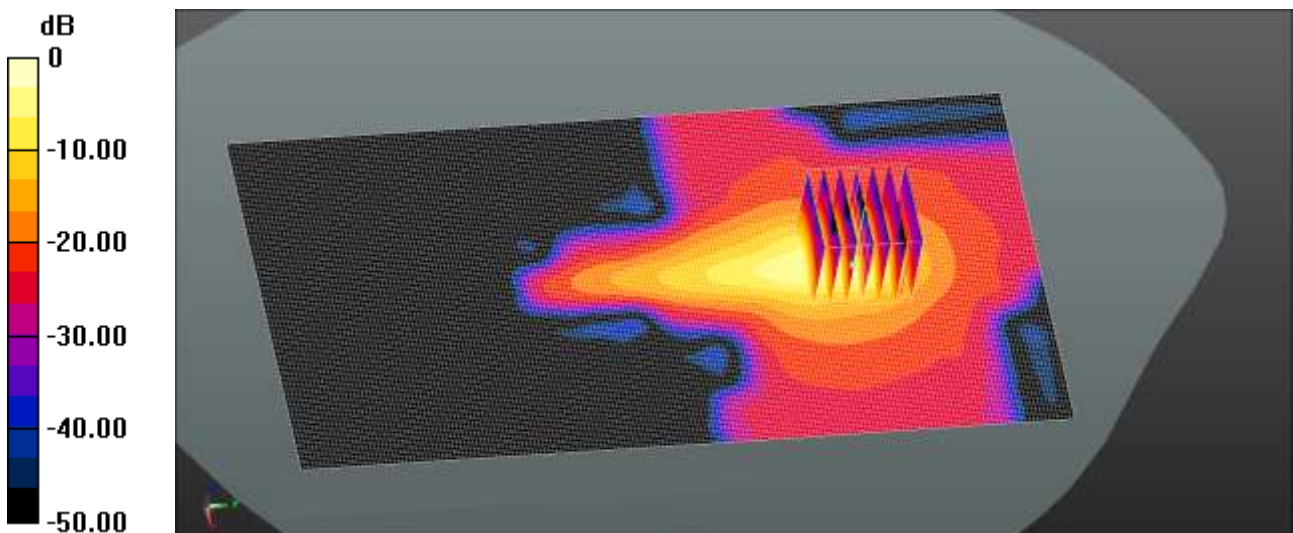
802.11n40 Body Left MCS0 54ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 11.25 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 34.6 W/kg

SAR(1 g) = 5.28 W/kg; SAR(10 g) = 1.25 W/kg

Maximum value of SAR (measured) = 15.2 W/kg



0 dB = 15.2 W/kg = 11.82 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 18.7 °C
Ambient Temperature: 18.8 °C
Test Date: 06/02/2022
Plot No.: 55

Communication System: UID 0, WIFI 5GHz n40 (0); Frequency: 5590 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 5590$ MHz; $\sigma = 4.954$ S/m; $\epsilon_r = 36.413$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(4.8, 4.8, 4.8) @ 5590 MHz; Calibrated: 2022-01-20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2021-09-27
- Phantom: SAM with CRP v5.0(Right)_2014_03_05
- Measurement SW: DASY52, Version 52.10 (4)

802.11n40 Body Left MCS0 118ch/Area Scan (71x191x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 17.9 W/kg

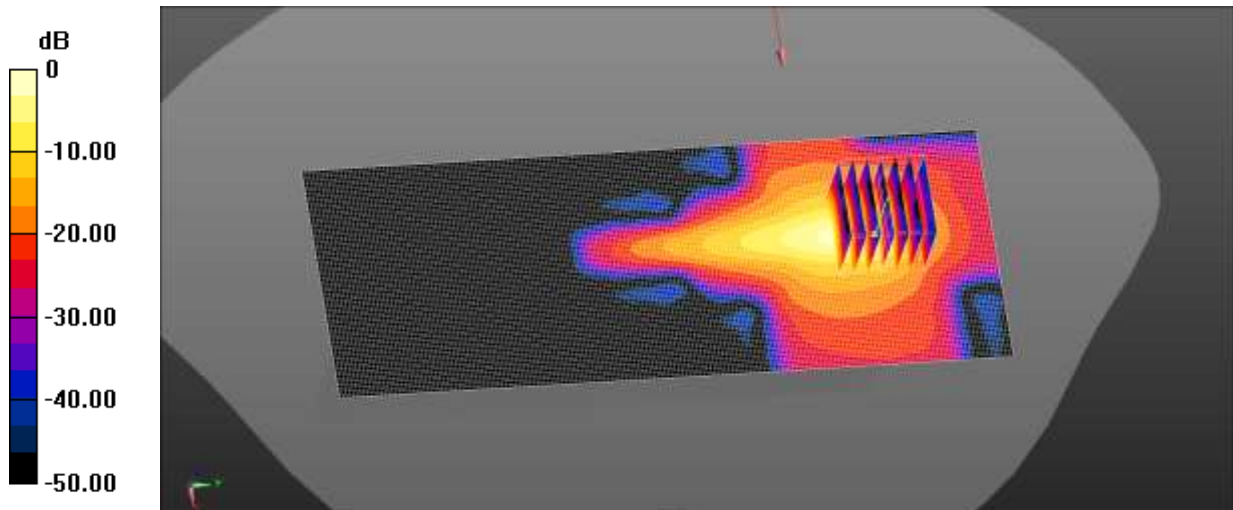
802.11n40 Body Left MCS0 118ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.558 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 42.7 W/kg

SAR(1 g) = 5.72 W/kg; SAR(10 g) = 1.31 W/kg

Maximum value of SAR (measured) = 18.1 W/kg



0 dB = 18.1 W/kg = 12.58 dBW/kg

Appendix C. – Dipole Verification Plots

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 19.7 °C
 Test Date: 05/27/2022

DUT: Dipole 750 MHz D750V3; Type: D750V3;

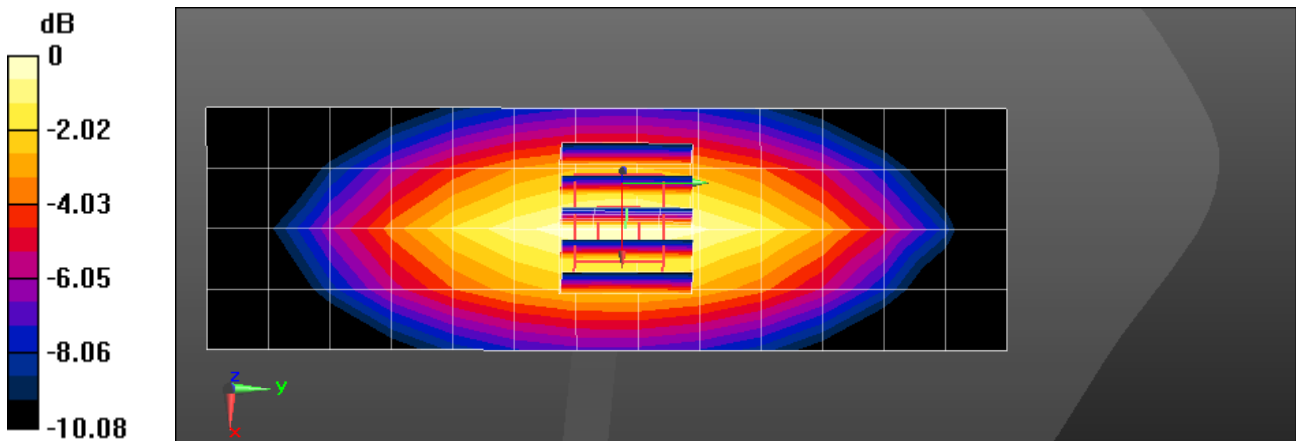
Communication System: UID 0, CW (0); Frequency: 750 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.894 \text{ S/m}$; $\epsilon_r = 40.657$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(10.07, 10.07, 10.07) @ 750 MHz; Calibrated: 2021-08-26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1687; Calibrated: 2021-06-21
- 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 (7483)

750MHz Head Verification/Area Scan (5x14x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.557 W/kg

750MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 26.02 V/m; Power Drift = -0.06 dB
 Peak SAR (extrapolated) = 0.623 W/kg
SAR(1 g) = 0.423 W/kg; SAR(10 g) = 0.283 W/kg
 Maximum value of SAR (measured) = 0.559 W/kg



0 dB = 0.559 W/kg = -2.53 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 19.2 °C
 Test Date: 06/09/2022

DUT: Dipole 835 MHz D835V2; Type: D835V2;

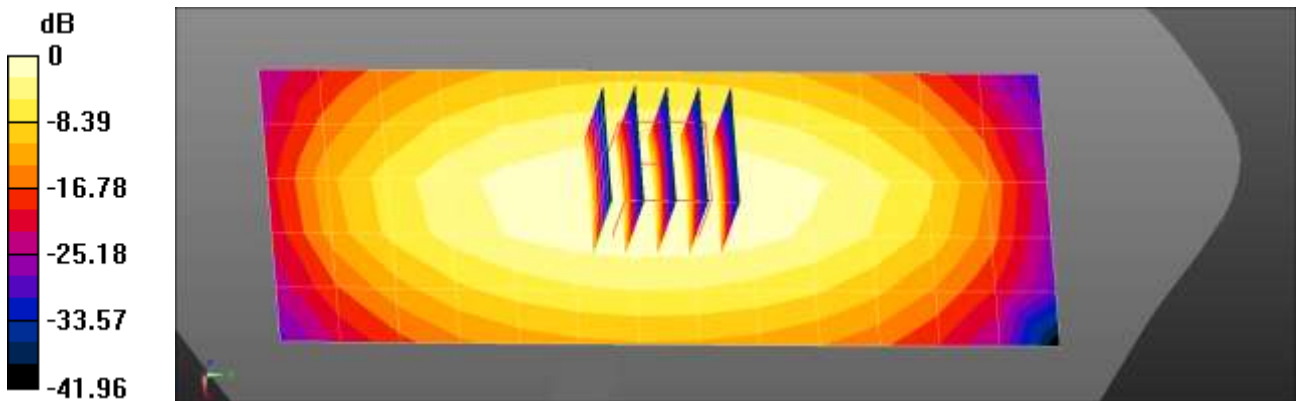
Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 835 \text{ MHz}$; $\sigma = 0.923 \text{ S/m}$; $\epsilon_r = 41.415$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(9.79, 9.79, 9.79) @ 835 MHz; Calibrated: 2021-09-10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn504; Calibrated: 2022-03-01
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 Ax; Serial: 2014
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

835MHz Head Verification/Area Scan (6x14x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.593 W/kg

835MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 27.51 V/m; Power Drift = 0.06 dB
 Peak SAR (extrapolated) = 0.738 W/kg
SAR(1 g) = 0.487 W/kg; SAR(10 g) = 0.319 W/kg
 Maximum value of SAR (measured) = 0.655 W/kg



0 dB = 0.593 W/kg = -2.27 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 20.0 °C
 Test Date: 05/26/2022

DUT: Dipole 835 MHz D835V2; Type: D835V2;

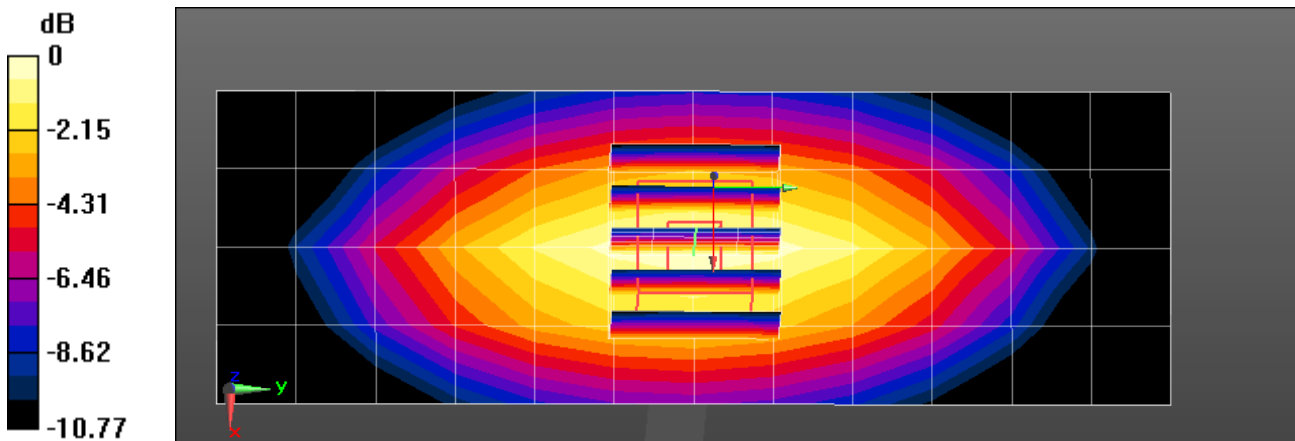
Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 835 \text{ MHz}$; $\sigma = 0.923 \text{ S/m}$; $\epsilon_r = 40.361$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(9.94, 9.94, 9.94) @ 835 MHz; Calibrated: 2021-08-26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1687; Calibrated: 2021-06-21
- 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 (7483)

835MHz Head Verification/Area Scan (5x13x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.670 W/kg

835MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 28.08 V/m; Power Drift = -0.06 dB
 Peak SAR (extrapolated) = 0.752 W/kg
SAR(1 g) = 0.502 W/kg; SAR(10 g) = 0.328 W/kg
 Maximum value of SAR (measured) = 0.672 W/kg



0 dB = 0.672 W/kg = -1.73 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 22.3 °C
 Test Date: 06/08/2022

DUT: Dipole 835 MHz D835V2; Type: D835V2;

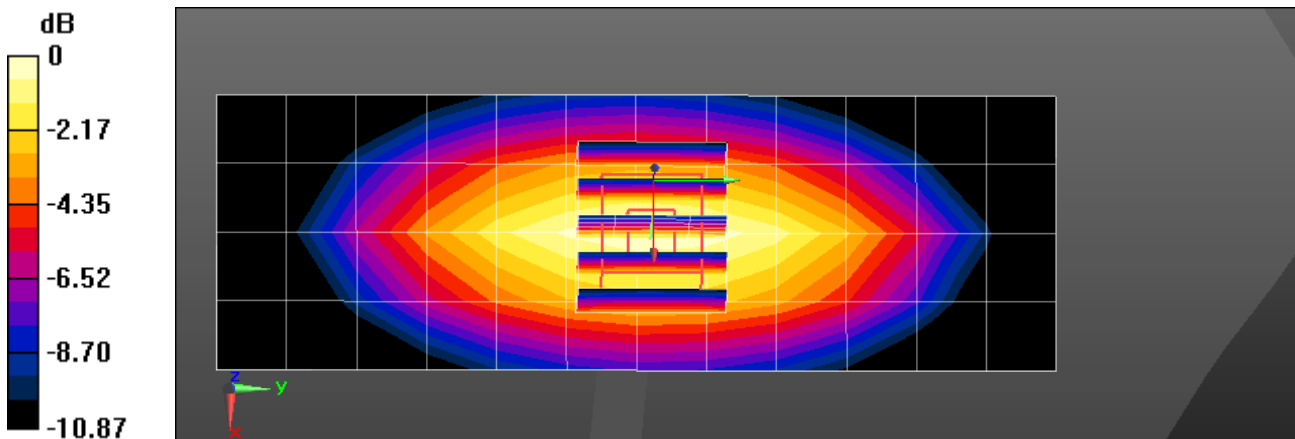
Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 835 \text{ MHz}$; $\sigma = 0.924 \text{ S/m}$; $\epsilon_r = 40.468$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7370; ConvF(9.94, 9.94, 9.94) @ 835 MHz; Calibrated: 2021-08-26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1687; Calibrated: 2021-06-21
- 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 (7483)

835MHz Head Verification/Area Scan (5x13x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.674 W/kg

835MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 28.24 V/m; Power Drift = -0.04 dB
 Peak SAR (extrapolated) = 0.778 W/kg
SAR(1 g) = 0.505 W/kg; SAR(10 g) = 0.328 W/kg
 Maximum value of SAR (measured) = 0.686 W/kg



0 dB = 0.686 W/kg = -1.64 dBW/kg

■ Verification Data (835 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 19.0 °C
Test Date: 06/10/2022

DUT: Dipole 835 MHz D835V2; Type: D835V2;

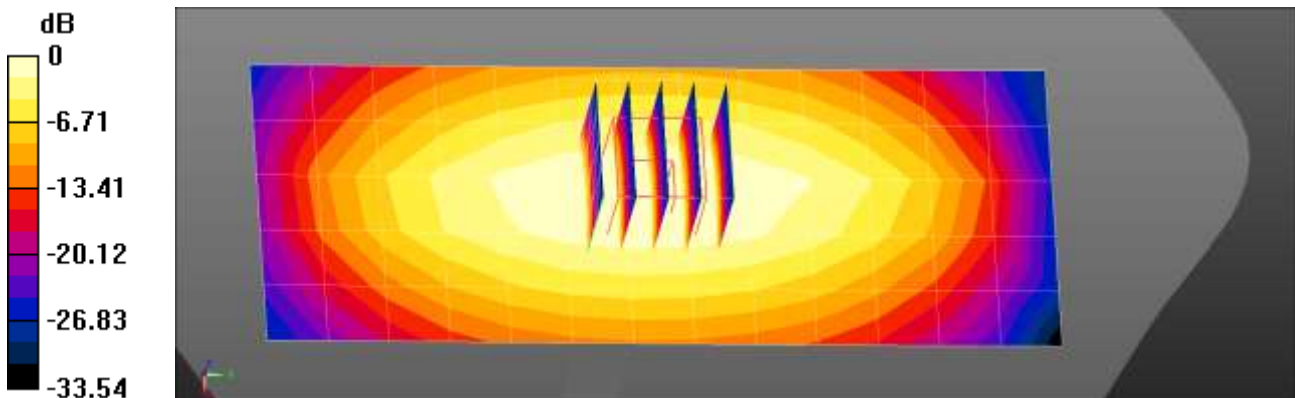
Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 835$ MHz; $\sigma = 0.924$ S/m; $\epsilon_r = 40.658$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7679; ConvF(9.79, 9.79, 9.79) @ 835 MHz; Calibrated: 2021-09-10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn504; Calibrated: 2022-03-01
- Phantom: Twin-SAM V8.0 (Left); Type: QD 000 P41 Ax; Serial: 2014
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

835MHz Head Verification/Area Scan (6x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.599 W/kg

835MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.70 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.748 W/kg
SAR(1 g) = 0.491 W/kg; SAR(10 g) = 0.320 W/kg
Maximum value of SAR (measured) = 0.663 W/kg



0 dB = 0.599 W/kg = -2.22 dBW/kg

■ Verification Data (1800 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 20.9 °C
Test Date: 06/10/2022

DUT: Dipole 1800 MHz D1800V2; Type: D1800V2;

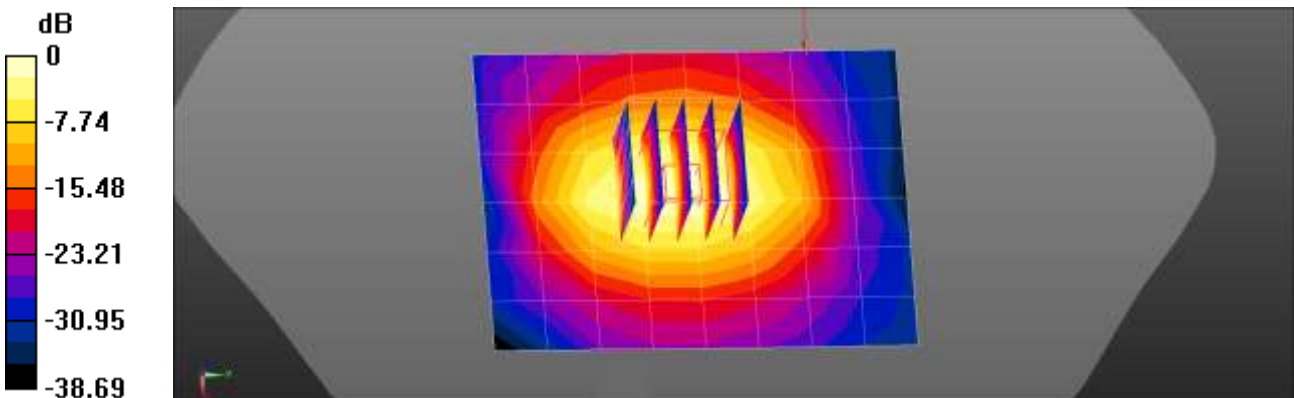
Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1800$ MHz; $\sigma = 1.422$ S/m; $\epsilon_r = 41.403$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3076; ConvF(5.27, 5.27, 5.27) @ 1800 MHz; Calibrated: 2021-07-28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2022-04-29
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

1800MHz Head Verification/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.22 W/kg

1800MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 40.99 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 3.41 W/kg
SAR(1 g) = 2 W/kg; SAR(10 g) = 1.09 W/kg
Maximum value of SAR (measured) = 2.49 W/kg



0 dB = 2.22 W/kg = 3.45 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 19.1 °C
 Test Date: 06/14/2022

DUT: Dipole 1800 MHz D1800V2; Type: D1800V2;

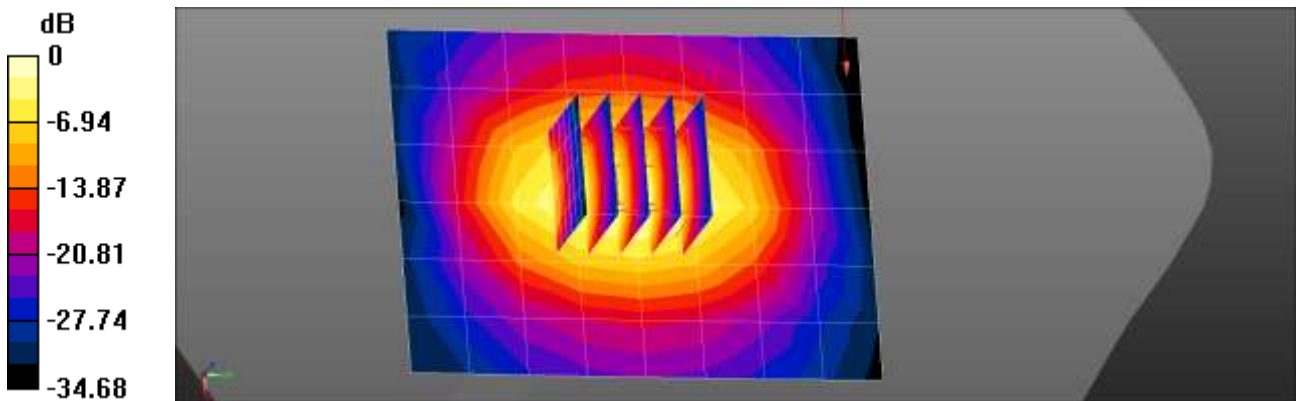
Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1800 \text{ MHz}$; $\sigma = 1.402 \text{ S/m}$; $\epsilon_r = 41.249$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3076; ConvF(5.27, 5.27, 5.27) @ 1800 MHz; Calibrated: 2021-07-28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2022-04-29
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

1800MHz Head Verification/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 2.39 W/kg

1800MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 42.49 V/m; Power Drift = 0.17 dB
 Peak SAR (extrapolated) = 3.47 W/kg
SAR(1 g) = 2.01 W/kg; SAR(10 g) = 1.09 W/kg
 Maximum value of SAR (measured) = 2.48 W/kg



0 dB = 2.39 W/kg = 3.78 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 20.5 °C
 Test Date: 06/07/2022

DUT: Dipole 1800 MHz D1800V2; Type: D1800V2;

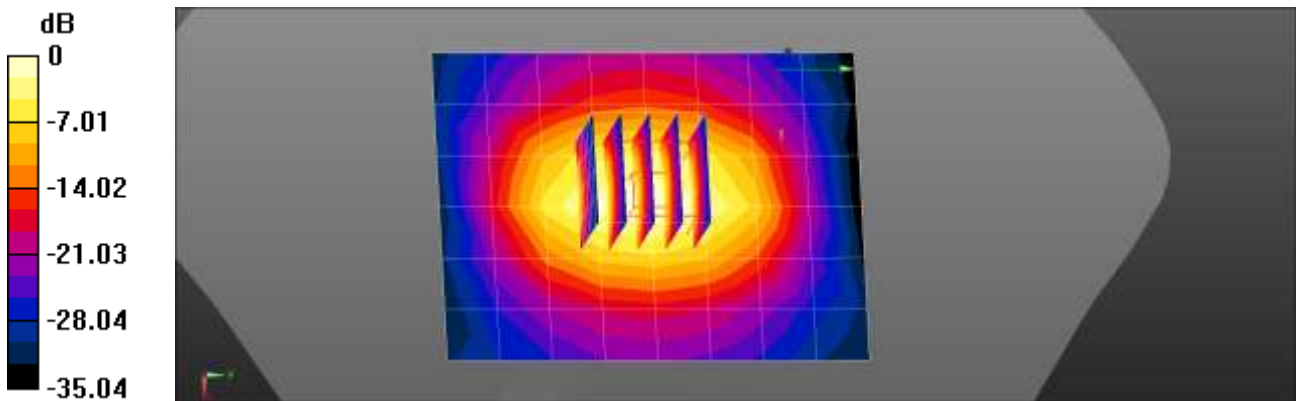
Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1800 \text{ MHz}$; $\sigma = 1.422 \text{ S/m}$; $\epsilon_r = 41.36$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3076; ConvF(5.27, 5.27, 5.27) @ 1800 MHz; Calibrated: 2021-07-28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2022-04-29
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

1800MHz Head Verification/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 2.43 W/kg

1800MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 42.52 V/m; Power Drift = 0.12 dB
 Peak SAR (extrapolated) = 3.53 W/kg
SAR(1 g) = 2.02 W/kg; SAR(10 g) = 1.09 W/kg
 Maximum value of SAR (measured) = 2.49 W/kg



0 dB = 2.43 W/kg = 3.85 dBW/kg

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

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 19.8 °C
Test Date: 06/02/2022

DUT: Dipole 1900 MHz D1900V2; Type: D1900V2;

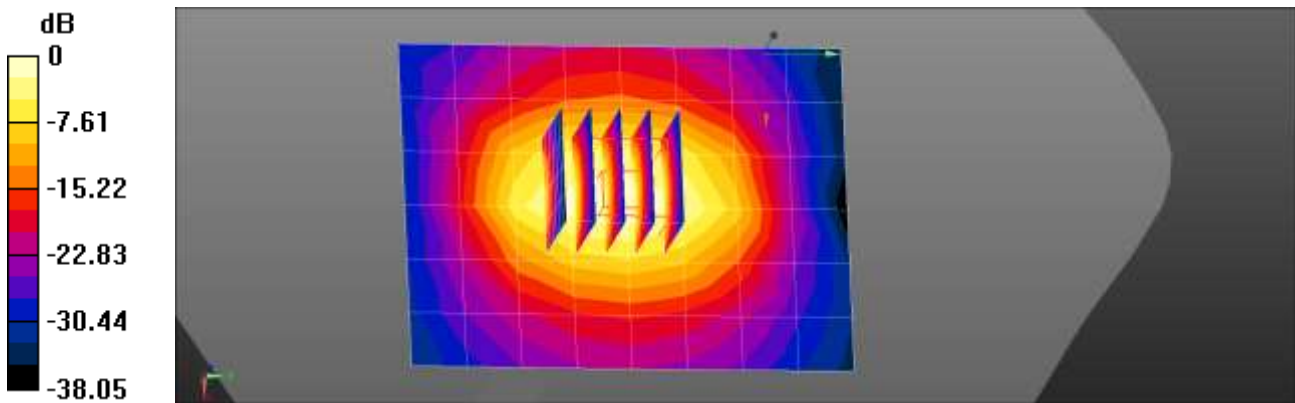
Communication System: UID 0, CW (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 1900$ MHz; $\sigma = 1.395$ S/m; $\epsilon_r = 41.31$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3076; ConvF(5.05, 5.05, 5.05) @ 1900 MHz; Calibrated: 2021-07-28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2022-04-29
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

1900MHz Head Verification/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.44 W/kg

1900MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 43.07 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 3.71 W/kg
SAR(1 g) = 2.06 W/kg; SAR(10 g) = 1.08 W/kg
Maximum value of SAR (measured) = 2.55 W/kg



0 dB = 2.44 W/kg = 3.87 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 22.7 °C
 Test Date: 06/08/2022

DUT: Dipole 1900 MHz D1900V2; Type: D1900V2;

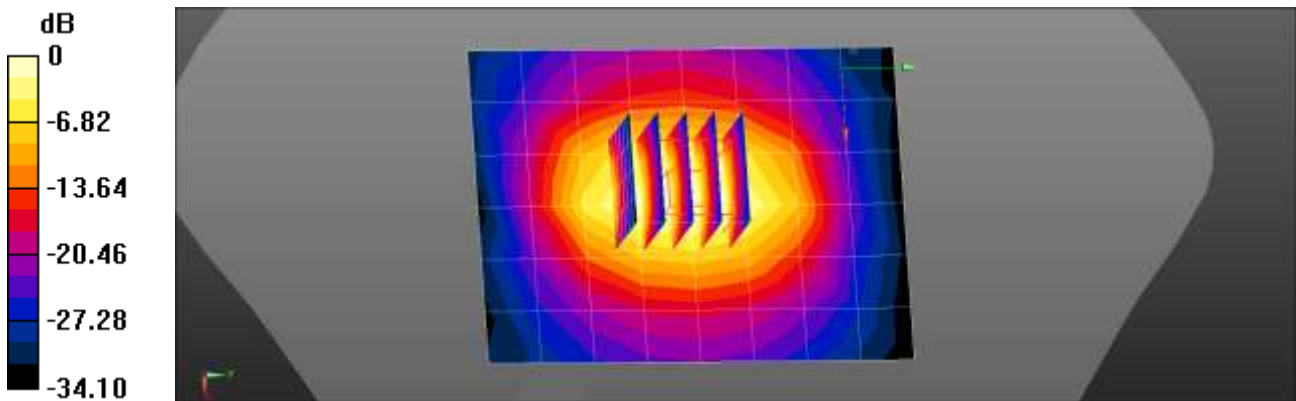
Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.363 \text{ S/m}$; $\epsilon_r = 41.306$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3076; ConvF(5.05, 5.05, 5.05) @ 1900 MHz; Calibrated: 2021-07-28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2022-04-29
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

1900MHz Head Verification/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 2.39 W/kg

1900MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 42.94 V/m; Power Drift = 0.12 dB
 Peak SAR (extrapolated) = 3.67 W/kg
SAR(1 g) = 2.02 W/kg; SAR(10 g) = 1.06 W/kg
 Maximum value of SAR (measured) = 2.52 W/kg



0 dB = 2.39 W/kg = 3.78 dBW/kg

■ Verification Data (1900 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 19.0 °C
Test Date: 06/03/2022

DUT: Dipole 1900 MHz D1900V2; Type: D1900V2;

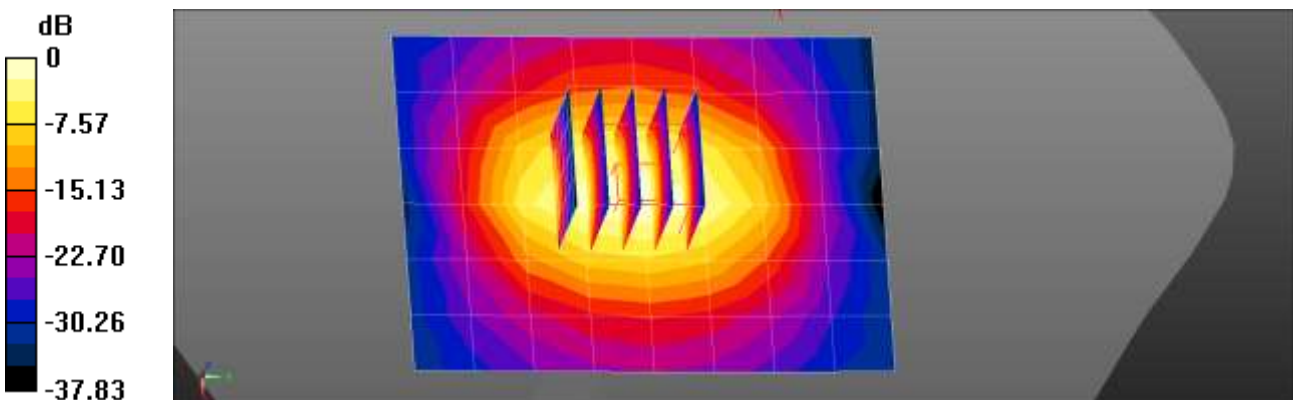
Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1900$ MHz; $\sigma = 1.364$ S/m; $\epsilon_r = 41.304$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3076; ConvF(5.05, 5.05, 5.05) @ 1900 MHz; Calibrated: 2021-07-28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2022-04-29
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

1900MHz Head Verification/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.37 W/kg

1900MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 42.92 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 3.65 W/kg
SAR(1 g) = 2.02 W/kg; SAR(10 g) = 1.07 W/kg
Maximum value of SAR (measured) = 2.51 W/kg



0 dB = 2.37 W/kg = 3.75 dBW/kg

■ Verification Data (2450 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 19.2 °C
Test Date: 06/04/2022

DUT: Dipole 2450 MHz; Type: D2450V2;

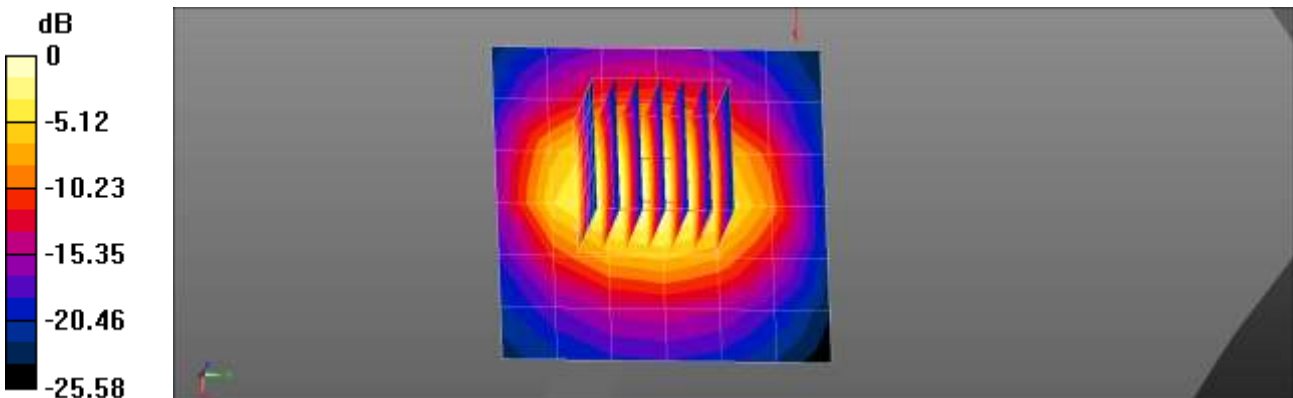
Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2450$ MHz; $\sigma = 1.835$ S/m; $\epsilon_r = 39.225$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(8.14, 8.14, 8.14) @ 2450 MHz; Calibrated: 2022-01-20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2021-09-27
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

2450MHz Head Verification/Area Scan (7x7x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 4.02 W/kg

2450MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 48.22 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 5.78 W/kg
SAR(1 g) = 2.45 W/kg; SAR(10 g) = 1.08 W/kg
Maximum value of SAR (measured) = 4.42 W/kg



0 dB = 4.02 W/kg = 6.05 dBW/kg

■ Verification Data (2450 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 23.2 °C
Test Date: 06/08/2022

DUT: Dipole 2450 MHz; Type: D2450V2;

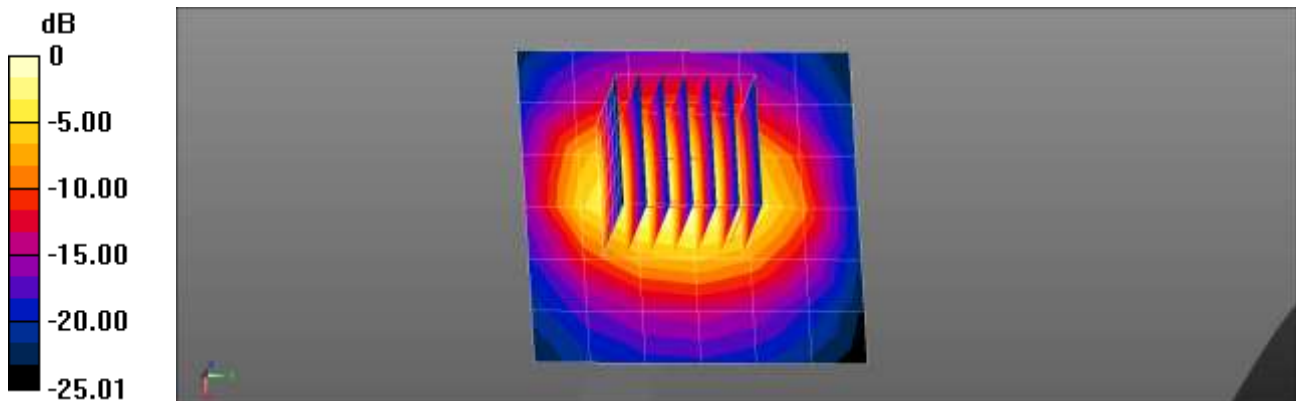
Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2450$ MHz; $\sigma = 1.834$ S/m; $\epsilon_r = 39.228$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(8.14, 8.14, 8.14) @ 2450 MHz; Calibrated: 2022-01-20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2021-09-27
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

2450MHz Head Verification/Area Scan (7x7x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 4.02 W/kg

2450MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 48.18 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 5.82 W/kg
SAR(1 g) = 2.46 W/kg; SAR(10 g) = 1.08 W/kg
Maximum value of SAR (measured) = 4.40 W/kg



0 dB = 4.02 W/kg = 6.05 dBW/kg

■ Verification Data (2450 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 21.6 °C
Test Date: 05/30/2022

DUT: Dipole 2450 MHz D2450V2; Type: D2450V2;

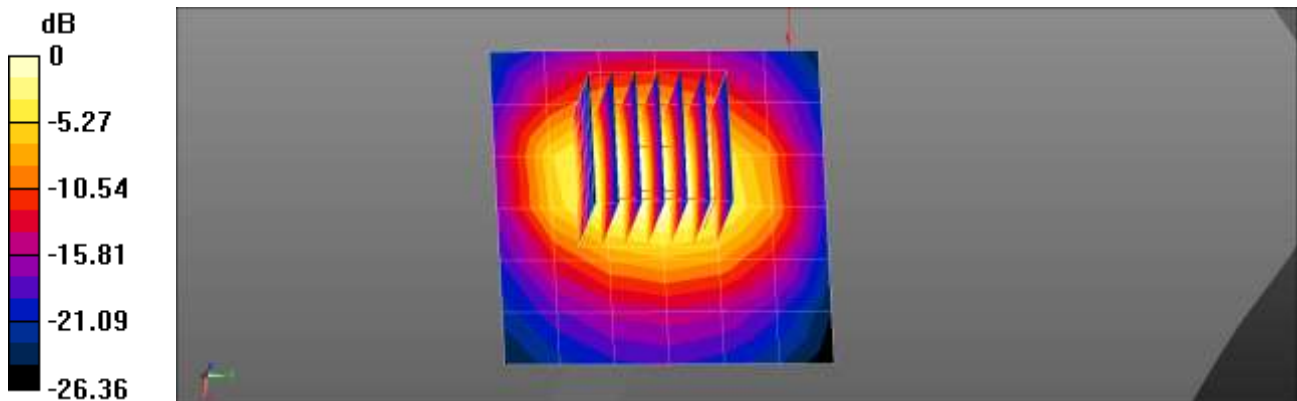
Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2450$ MHz; $\sigma = 1.838$ S/m; $\epsilon_r = 39.196$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7680; ConvF(7.99, 7.99, 7.99) @ 2450 MHz; Calibrated: 2021-09-10
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn466; Calibrated: 2022-05-02
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

2450MHz Head Verification/Area Scan (7x7x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 3.30 W/kg

2450MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 43.97 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 5.58 W/kg
SAR(1 g) = 2.47 W/kg; SAR(10 g) = 1.11 W/kg
Maximum value of SAR (measured) = 4.34 W/kg



0 dB = 3.30 W/kg = 5.19 dBW/kg

■ Verification Data (2600 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 19.2 °C
Test Date: 05/27/2022

DUT: Dipole 2600 MHz D2600V2; Type: D2600V2;

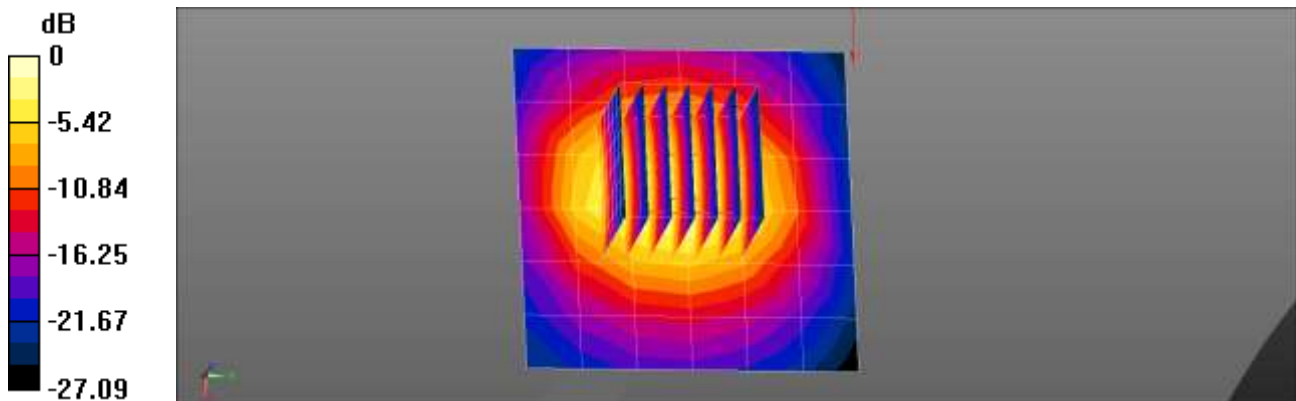
Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2600$ MHz; $\sigma = 2.039$ S/m; $\epsilon_r = 38.112$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(7.93, 7.93, 7.93) @ 2600 MHz; Calibrated: 2022-01-20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2021-09-27
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

2600MHz Head Verification/Area Scan (7x7x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 4.32 W/kg

2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 47.77 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 6.55 W/kg
SAR(1 g) = 2.74 W/kg; SAR(10 g) = 1.17 W/kg
Maximum value of SAR (measured) = 4.98 W/kg



0 dB = 4.32 W/kg = 6.35 dBW/kg

■ **Verification Data (5250 MHz Head)**

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 20.1 °C
Test Date: 05/31/2022

DUT: Dipole 5GHz D5GHzV2; Type: D5GHzV2;

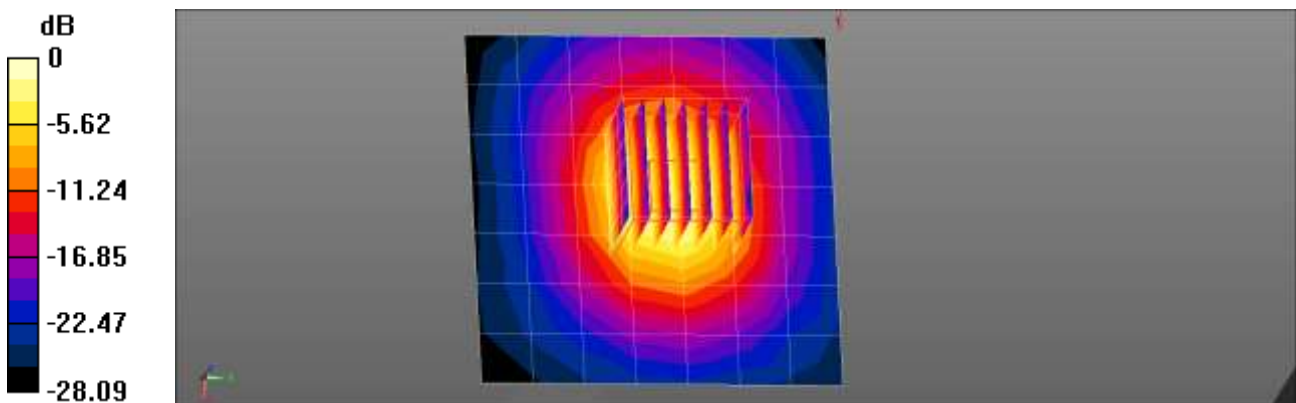
Communication System: UID 0, CW (0); Frequency: 5250 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 5250$ MHz; $\sigma = 4.673$ S/m; $\epsilon_r = 36.689$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(5.54, 5.54, 5.54) @ 5250 MHz; Calibrated: 2022-01-20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2021-09-27
- Phantom: SAM with CRP v5.0(Right)_2014_03_05; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

5250MHz Head Verification/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 8.06 W/kg

5250MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 45.48 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 15.2 W/kg
SAR(1 g) = 3.78 W/kg; SAR(10 g) = 1.1 W/kg
Maximum value of SAR (measured) = 9.47 W/kg



0 dB = 8.06 W/kg = 9.06 dBW/kg

■ Verification Data (5600 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 18.7 °C
Test Date: 06/02/2022

DUT: Dipole 5GHz D5GHzV2; Type: D5GHzV2;

Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5600$ MHz; $\sigma = 4.974$ S/m; $\epsilon_r = 36.379$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(4.8, 4.8, 4.8) @ 5600 MHz; Calibrated: 2022-01-20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2021-09-27
- Phantom: SAM with CRP v5.0(Right)_2014_03_05; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

5600MHz Head Verification/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 9.54 W/kg

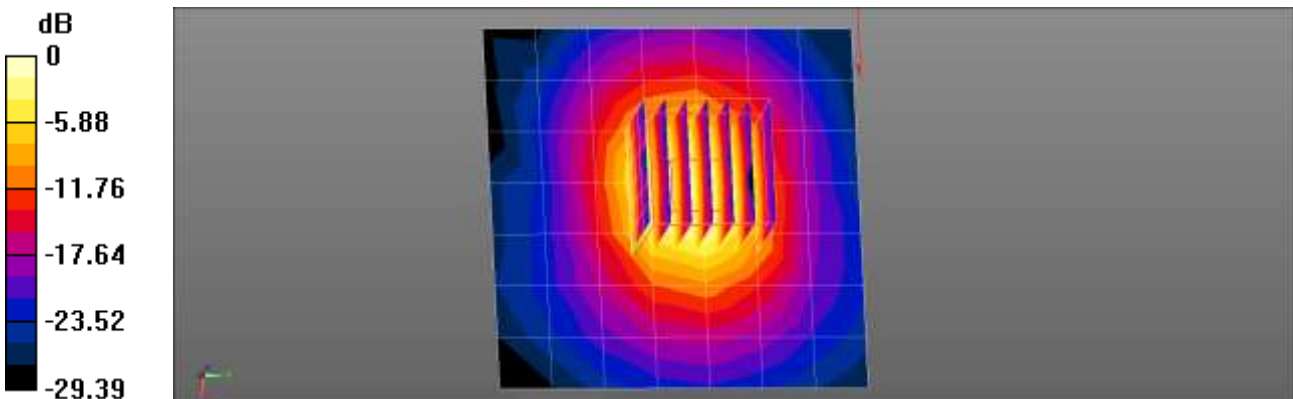
5600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 47.99 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 18.8 W/kg

SAR(1 g) = 4.31 W/kg; SAR(10 g) = 1.23 W/kg

Maximum value of SAR (measured) = 11.2 W/kg



0 dB = 9.54 W/kg = 9.80 dBW/kg

■ **Verification Data (5750 MHz Head)**

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 19.0 °C
 Test Date: 06/03/2022

DUT: Dipole 5GHz D5GHzV2; Type: D5GHzV2;

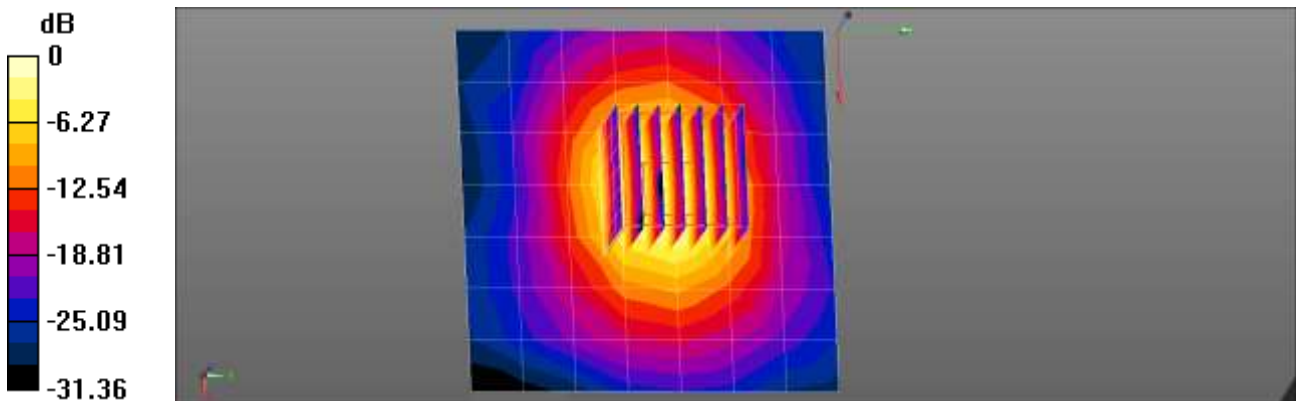
Communication System: UID 0, CW (0); Frequency: 5750 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 5750$ MHz; $\sigma = 5.257$ S/m; $\epsilon_r = 36.153$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7702; ConvF(4.95, 4.95, 4.95) @ 5750 MHz; Calibrated: 2022-01-20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn868; Calibrated: 2021-09-27
- Phantom: SAM with CRP v5.0(Right)_2014_03_05; Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

5750MHz Head Verification/Area Scan (8x8x1): Measurement grid: dx=10mm, dy=10mm
 Maximum value of SAR (measured) = 8.97 W/kg

5750MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
 Reference Value = 44.59 V/m; Power Drift = 0.19 dB
 Peak SAR (extrapolated) = 17.7 W/kg
SAR(1 g) = 3.94 W/kg; SAR(10 g) = 1.14 W/kg
 Maximum value of SAR (measured) = 10.3 W/kg



0 dB = 8.97 W/kg = 9.53 dBW/kg

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

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 19.6 °C
Test Date: 06/13/2022

DUT: Dipole 1800 MHz D1800V2; Type: D1800V2;

Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1800$ MHz; $\sigma = 1.422$ S/m; $\epsilon_r = 41.382$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

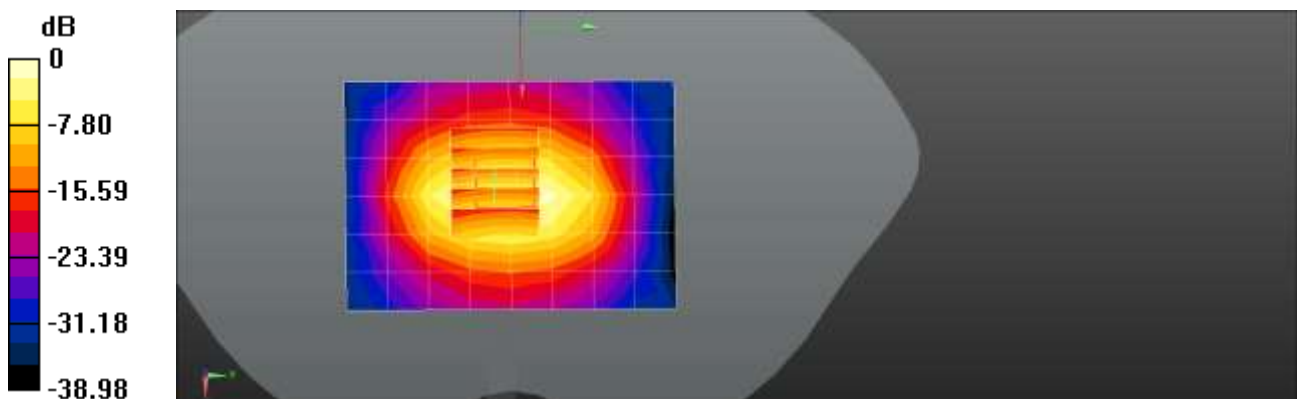
DASY5 Configuration:

- Probe: ES3DV3 - SN3076; ConvF(5.27, 5.27, 5.27) @ 1800 MHz; Calibrated: 2021-07-28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2022-04-29
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

1800MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 43.34 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 3.72 W/kg

1800MHz Head Verification/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.50 W/kg

SAR(1 g) = 1.97 W/kg; SAR(10 g) = 1.01 W/kg
Maximum value of SAR (measured) = 2.47 W/kg



0 dB = 2.50 W/kg = 3.98 dBW/kg

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

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 20.8 °C
Test Date: 06/15/2022

DUT: Dipole 1800 MHz D1800V2; Type: D1800V2;

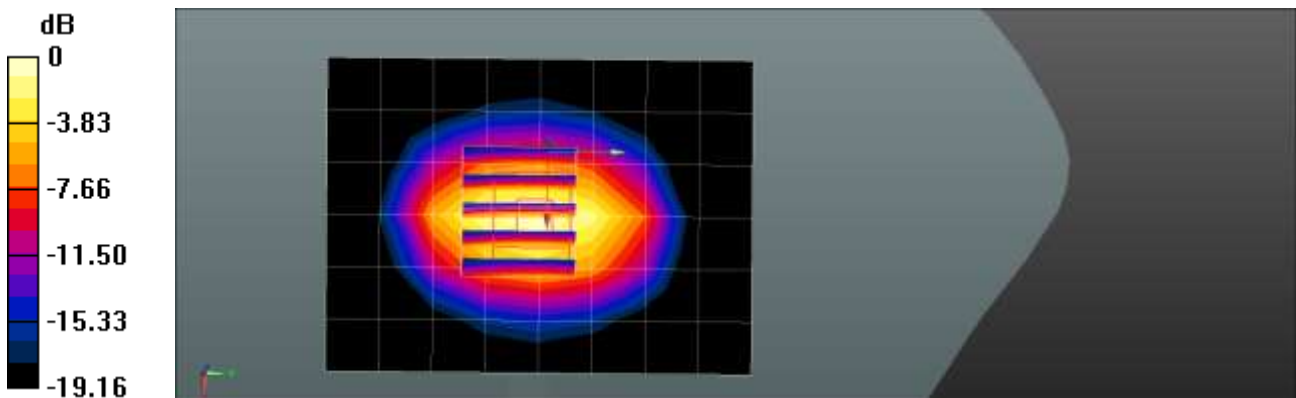
Communication System: UID 0, CW (0); Frequency: 1800 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 1800$ MHz; $\sigma = 1.422$ S/m; $\epsilon_r = 41.377$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3076; ConvF(5.27, 5.27, 5.27) @ 1800 MHz; Calibrated: 2021-07-28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2022-04-29
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

1800MHz Head Verification/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.48 W/kg

1800MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 43.23 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 3.71 W/kg
SAR(1 g) = 1.97 W/kg; SAR(10 g) = 1.01 W/kg
Maximum value of SAR (measured) = 2.47 W/kg



0 dB = 2.47 W/kg = 3.93 dBW/kg

■ Verification Data (1800 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 20.5 °C
Test Date: 06/07/2022

DUT: Dipole 1800 MHz D1800V2; Type: D1800V2;

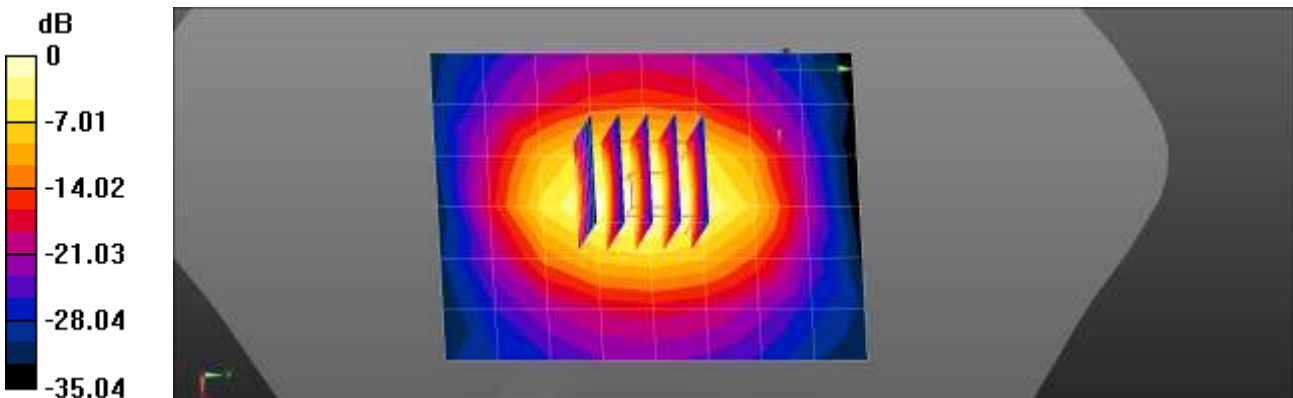
Communication System: UID 0, CW (0); Frequency: 1800 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1800$ MHz; $\sigma = 1.422$ S/m; $\epsilon_r = 41.36$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3076; ConvF(5.27, 5.27, 5.27) @ 1800 MHz; Calibrated: 2021-07-28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2022-04-29
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

1800MHz Head Verification/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.43 W/kg

1800MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 42.52 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 3.53 W/kg
SAR(1 g) = 2.02 W/kg; SAR(10 g) = 1.09 W/kg
Maximum value of SAR (measured) = 2.49 W/kg



0 dB = 2.43 W/kg = 3.85 dBW/kg

■ Verification Data (1900 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 19.8 °C
Test Date: 06/02/2022

DUT: Dipole 1900 MHz D1900V2; Type: D1900V2;

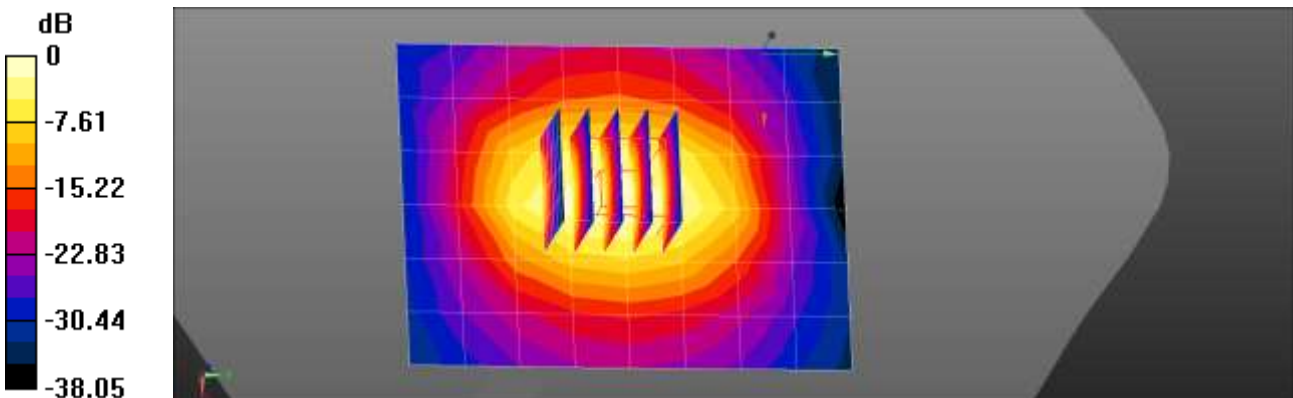
Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1900$ MHz; $\sigma = 1.395$ S/m; $\epsilon_r = 41.31$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3076; ConvF(5.05, 5.05, 5.05) @ 1900 MHz; Calibrated: 2021-07-28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2022-04-29
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

1900MHz Head Verification/Area Scan (7x9x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.44 W/kg

1900MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 43.07 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 3.71 W/kg
SAR(1 g) = 2.06 W/kg; SAR(10 g) = 1.08 W/kg
Maximum value of SAR (measured) = 2.55 W/kg



0 dB = 2.44 W/kg = 3.87 dBW/kg

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

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 23.8 °C
 Test Date: 06/09/2022

DUT: Dipole 1900 MHz D1900V2; Type: D1900V2;

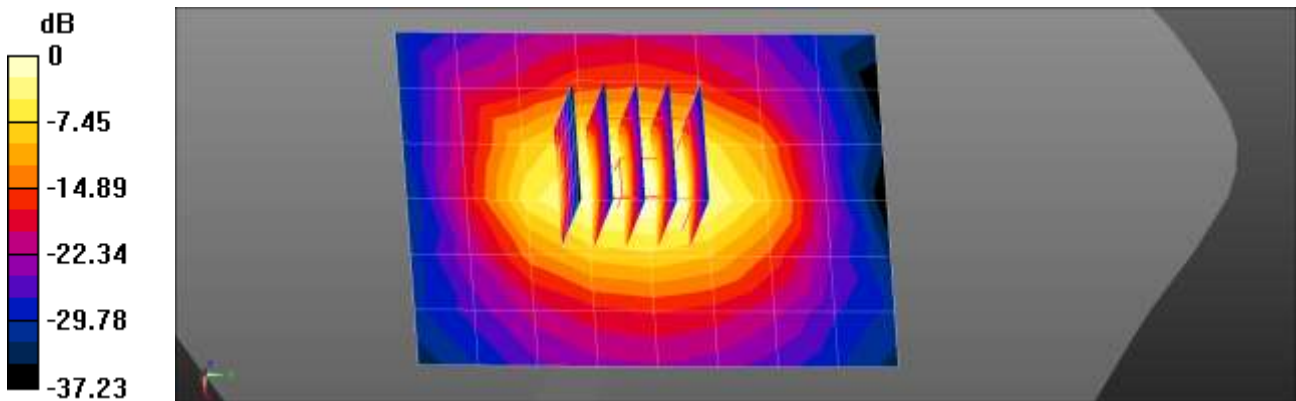
Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.416 \text{ S/m}$; $\epsilon_r = 41.317$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: ES3DV3 - SN3076; ConvF(5.05, 5.05, 5.05) @ 1900 MHz; Calibrated: 2021-07-28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2022-04-29
- Phantom: SAM with CRP v5.0(Front); Type: QD000P40CD;
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.13 (7474)

1900MHz Head Verification/Area Scan (7x9x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 2.47 W/kg

1900MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 43.00 V/m; Power Drift = 0.19 dB
 Peak SAR (extrapolated) = 3.77 W/kg
SAR(1 g) = 2.09 W/kg; SAR(10 g) = 1.1 W/kg
 Maximum value of SAR (measured) = 2.59 W/kg



0 dB = 2.47 W/kg = 3.93 dBW/kg

Appendix D. – SAR Tissue Characterization

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

Ingredients (% by weight)	Frequency (MHz)											
	750		835		1 750		1 900		2 450 – 2 700		3500 - 5 800	
Tissue Type	Head	Body	Head	Body	Head	Body	Head	Body	Head	Body	Head	Body
Water	41.1	51.7	40.45	53.06	52.6	68.8	54.9	70.17	71.88	73.2	65.52	78.66
Salt (NaCl)	1.4	0.9	1.45	0.94	0.4	0.2	0.18	0.39	0.16	0.1	0.0	0.0
Sugar	57.0	47.2	57.0	44.9	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
HEC	0.2	0	1.0	1.0	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
Bactericide	0.2	0.1	0.1	0.1	0.0	0.0	0.0	0	0.0	0.0	0.0	0.0
Triton X-100	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.97	0.0	17.24	10.67
DGBE	0.0	0.0	0.0	0.0	47	31	44.92	29.44	7.99	26.7	0.0	0.0
Diethylene glycol hexyl ether	-	-	-	-	-	-	-	-	-	-	-	-

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

Composition of the Tissue Equivalent Matter

Appendix E. – SAR System Validation

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

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

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
6	7370	EX3DV4	Head	750	1014	2021-09-10	41.8	0.89	PASS	PASS	PASS	N/A	N/A	N/A
11	7679	EX3DV4	Head	835	4d165	2021-09-21	41.5	0.89	PASS	PASS	PASS	GMSK	PASS	N/A
6	7370	EX3DV4	Head	835	4d165	2021-09-10	41.5	0.89	PASS	PASS	PASS	N/A	N/A	N/A
6	7370	EX3DV4	Head	835	4d165	2021-09-10	41.5	0.89	PASS	PASS	PASS	N/A	N/A	N/A
11	7679	EX3DV4	Head	835	4d165	2021-09-21	41.5	0.89	PASS	PASS	PASS	GMSK	PASS	N/A
10	3076	ES3DV3	Head	1800	2d015	2021-08-16	40.1	1.41	PASS	PASS	PASS	N/A	N/A	N/A
10	3076	ES3DV3	Head	1800	2d015	2021-08-16	40.1	1.41	PASS	PASS	PASS	GMSK	PASS	N/A
10	3076	ES3DV3	Head	1800	2d015	2021-08-16	40.1	1.41	PASS	PASS	PASS	GMSK	PASS	N/A
10	3076	ES3DV3	Head	1900	5d032	2021-08-14	40.1	1.42	PASS	PASS	PASS	GMSK	PASS	N/A
10	3076	ES3DV3	Head	1900	5d032	2021-08-14	40.1	1.42	PASS	PASS	PASS	N/A	N/A	N/A
10	3076	ES3DV3	Head	1900	5d032	2021-08-14	40.1	1.42	PASS	PASS	PASS	GMSK	PASS	N/A
17	7702	EX3DV4	Head	2450	965	2021-09-10	39.2	1.83	PASS	PASS	PASS	OFDM	N/A	PASS
17	7702	EX3DV4	Head	2450	965	2021-09-10	39.2	1.83	PASS	PASS	PASS	OFDM	N/A	PASS
12	7680	EX3DV4	Head	2450	965	2021-09-22	39.2	1.83	PASS	PASS	PASS	OFDM	N/A	PASS
17	7702	EX3DV4	Head	2600	1106	2021-08-14	39.1	1.94	PASS	PASS	PASS	TDD	PASS	NA
17	7702	EX3DV4	Head	5250	1107	2021-09-10	35.7	4.70	PASS	PASS	PASS	OFDM	N/A	PASS
17	7702	EX3DV4	Head	5600	1107	2021-09-10	35.3	5.05	PASS	PASS	PASS	OFDM	N/A	PASS
17	7702	EX3DV4	Head	5750	1107	2021-09-10	35.6	5.24	PASS	PASS	PASS	OFDM	N/A	PASS

SAR System Validation Summary 1g

SAR System No.	Probe	Probe Type	Probe Calibration Point		Dipole	Date	Dielectric Parameters		CW Validation			Modulation Validation		
							Measured Permittivity	Measured Conductivity	Sensitivity	Probe Linearity	Probe Isotropy	MOD. Type	Duty Factor	PAR
10	3076	ES3DV3	Head	1800	2d015	2021-08-16	40.1	1.41	PASS	PASS	PASS	N/A	N/A	N/A
10	3076	ES3DV3	Head	1800	2d015	2021-08-16	40.1	1.41	PASS	PASS	PASS	N/A	N/A	N/A
10	3076	ES3DV3	Head	1800	2d015	2021-08-16	40.1	1.41	PASS	PASS	PASS	GMSK	PASS	N/A
10	3076	ES3DV3	Head	1900	5d032	2021-08-14	40.1	1.42	PASS	PASS	PASS	GMSK	PASS	N/A
10	3076	ES3DV3	Head	1900	5d032	2021-08-14	40.1	1.42	PASS	PASS	PASS	N/A	N/A	N/A

SAR System Validation Summary – Extremity SAR Considerations

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.