

Appendix B. – SAR Test Plots

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 20.2 °C
Ambient Temperature: 20.3°C
Test Date: 07/20/2021
Plot No.: 1

DUT: SM-M526B/DS; Type: Bar;

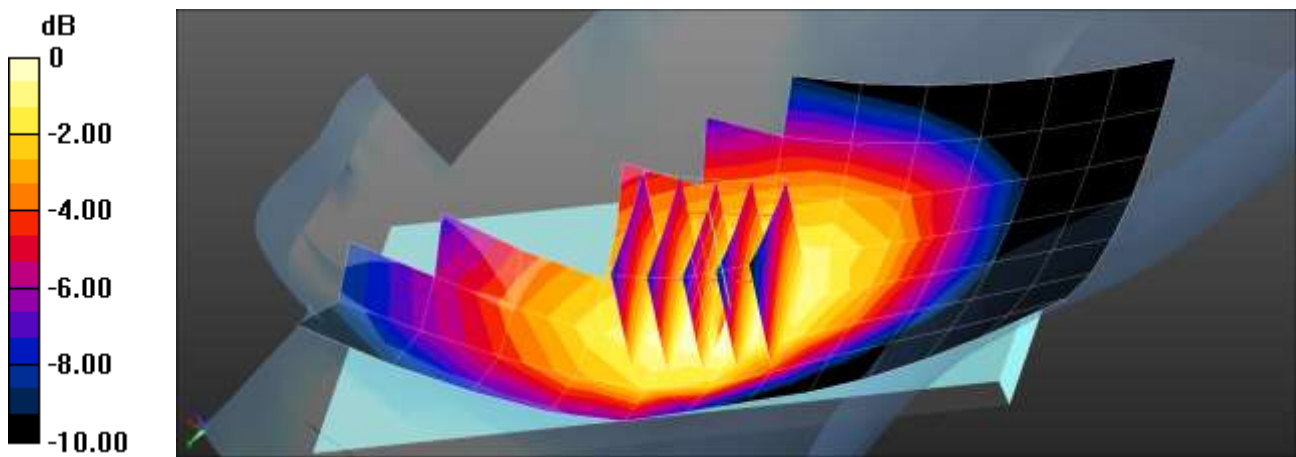
Communication System: UID 0, GSM850 GPRS 2TX (0); Frequency: 836.6 MHz;Duty Cycle: 1:4.14954
Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.93$ S/m; $\epsilon_r = 42.298$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3797; ConvF(9.04, 9.04, 9.04) @ 836.6 MHz; Calibrated: 2020-11-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2021-06-02
- Phantom: SAM_Right_20170913
- Measurement SW: DASY52, Version 52.10 (4)

GSM850 2Tx Head Right Touch 190ch/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.283 W/kg

GSM850 2Tx Head Right Touch 190ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.036 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.312 W/kg
SAR(1 g) = 0.241 W/kg; SAR(10 g) = 0.179 W/kg
Maximum value of SAR (measured) = 0.283 W/kg



0 dB = 0.283 W/kg = -5.48 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 20.4 °C
Ambient Temperature: 20.5 °C
Test Date: 08/13/2021
Plot No.: 2

DUT: SM-M526B/DS; Type: Bar;

Communication System: UID 0, GSM 1900 2TX (0); Frequency: 1880 MHz;Duty Cycle: 1:4.14954
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.401$ S/m; $\epsilon_r = 40.68$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3797; ConvF(7.83, 7.83, 7.83) @ 1880 MHz; Calibrated: 2020-11-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2021-06-02
- Phantom: SAM_Left_20170913
- Measurement SW: DASY52, Version 52.10 (4)

GSM1900 2Tx Head Left Touch 661ch/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.249 W/kg

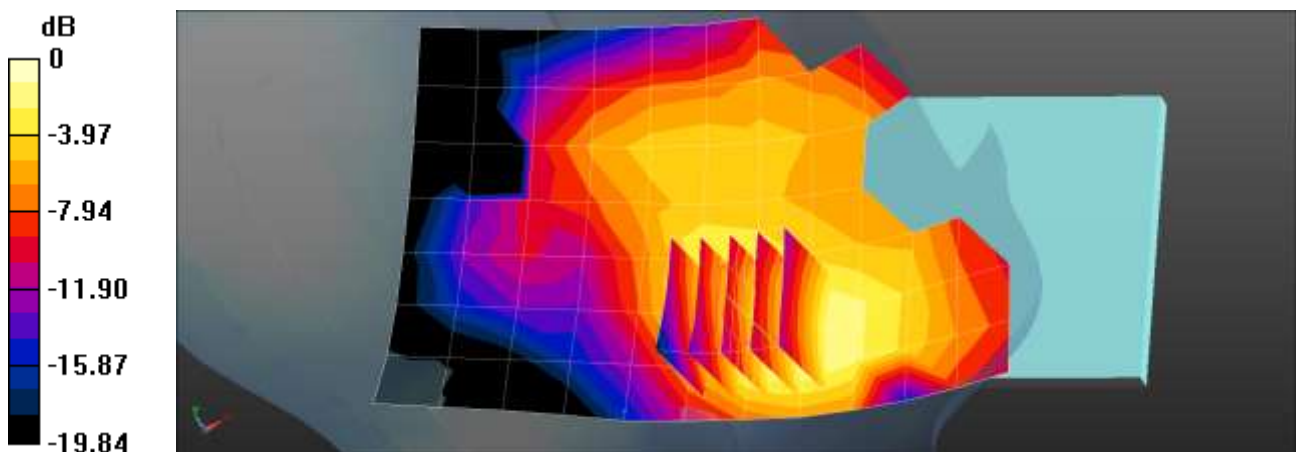
GSM1900 2Tx Head Left Touch 661ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.904 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.331 W/kg

SAR(1 g) = 0.208 W/kg; SAR(10 g) = 0.126 W/kg

Maximum value of SAR (measured) = 0.287 W/kg



0 dB = 0.287 W/kg = -5.42 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 22.6 °C
Ambient Temperature: 22.8 °C
Test Date: 07/22/2021
Plot No.: 3

DUT: SM-M526B/DS; Type: Bar;

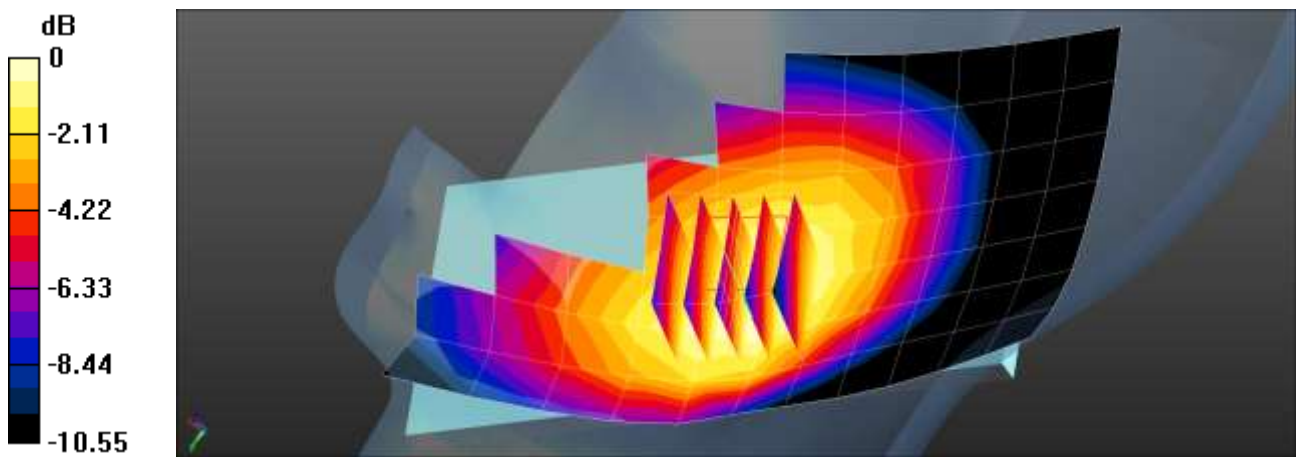
Communication System: UID 0, WCDMA850 (0); Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.929$ S/m; $\epsilon_r = 42.278$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3797; ConvF(9.04, 9.04, 9.04) @ 836.6 MHz; Calibrated: 2020-11-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2021-06-02
- Phantom: SAM_Right_20170913
- Measurement SW: DASY52, Version 52.10 (4)

UMTS Band 5 Head Right Touch 4183ch/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.282 W/kg

UMTS Band 5 Head Right Touch 4183ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.194 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.314 W/kg
SAR(1 g) = 0.246 W/kg; SAR(10 g) = 0.188 W/kg
Maximum value of SAR (measured) = 0.291 W/kg



0 dB = 0.291 W/kg = -5.36 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 20.4 °C
Ambient Temperature: 20.5 °C
Test Date: 08/16/2021
Plot No.: 4

DUT: SM-M526B/DS; Type: Bar;

Communication System: UID 0, WCDMA IV (0); Frequency: 1732.4 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1732.4$ MHz; $\sigma = 1.309$ S/m; $\epsilon_r = 41.43$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3797; ConvF(8.06, 8.06, 8.06) @ 1732.4 MHz; Calibrated: 2020-11-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2021-06-02
- Phantom: SAM_Left_20170913
- Measurement SW: DASY52, Version 52.10 (4)

UMTS Band 4 Head Left Touch 1412ch/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.328 W/kg

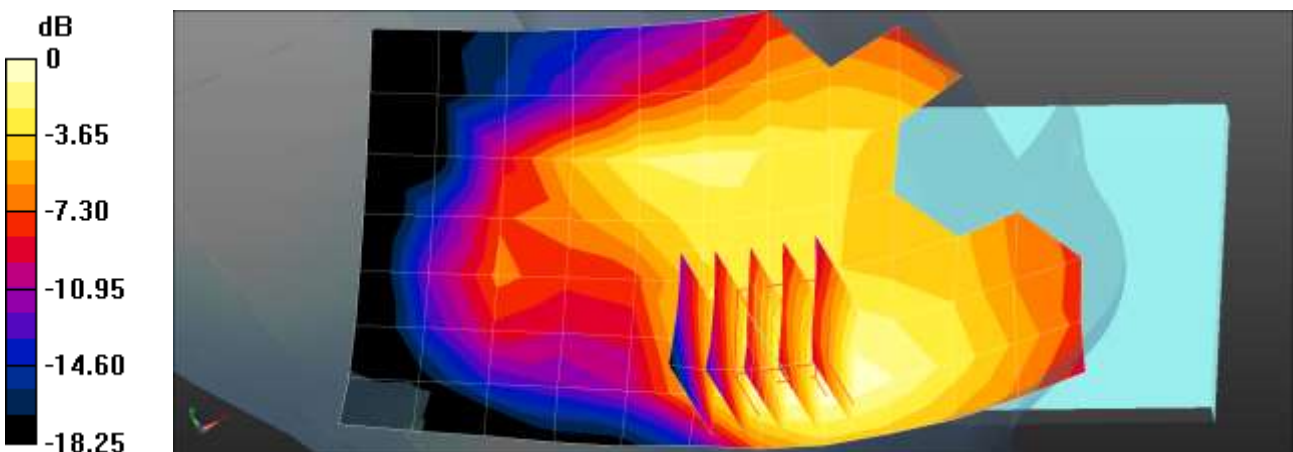
UMTS Band 4 Head Left Touch 1412ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.320 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.387 W/kg

SAR(1 g) = 0.263 W/kg; SAR(10 g) = 0.177 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: 20.4 °C
Ambient Temperature: 20.5 °C
Test Date: 08/16/2021
Plot No.: 5

DUT: SM-M526B/DS; Type: Bar;

Communication System: UID 0, WCDMA1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.377$ S/m; $\epsilon_r = 40.92$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3797; ConvF(7.83, 7.83, 7.83) @ 1880 MHz; Calibrated: 2020-11-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2021-06-02
- Phantom: SAM_Left_20170913
- Measurement SW: DASY52, Version 52.10 (4)

UMTS Band 2 Head Left Touch 9400ch/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.325 W/kg

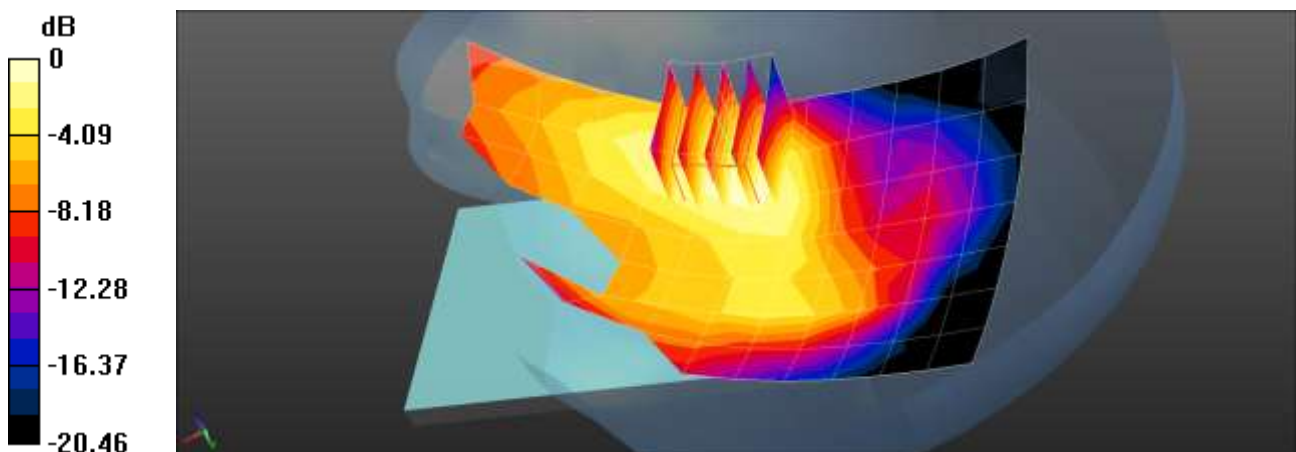
UMTS Band 2 Head Left Touch 9400ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.362 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.386 W/kg

SAR(1 g) = 0.250 W/kg; SAR(10 g) = 0.161 W/kg

Maximum value of SAR (measured) = 0.334 W/kg



0 dB = 0.334 W/kg = -4.76 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 20.3 °C
Ambient Temperature: 20.5 °C
Test Date: 08/13/2021
Plot No.: 6

DUT: SM-M526B/DS; Type: Bar;

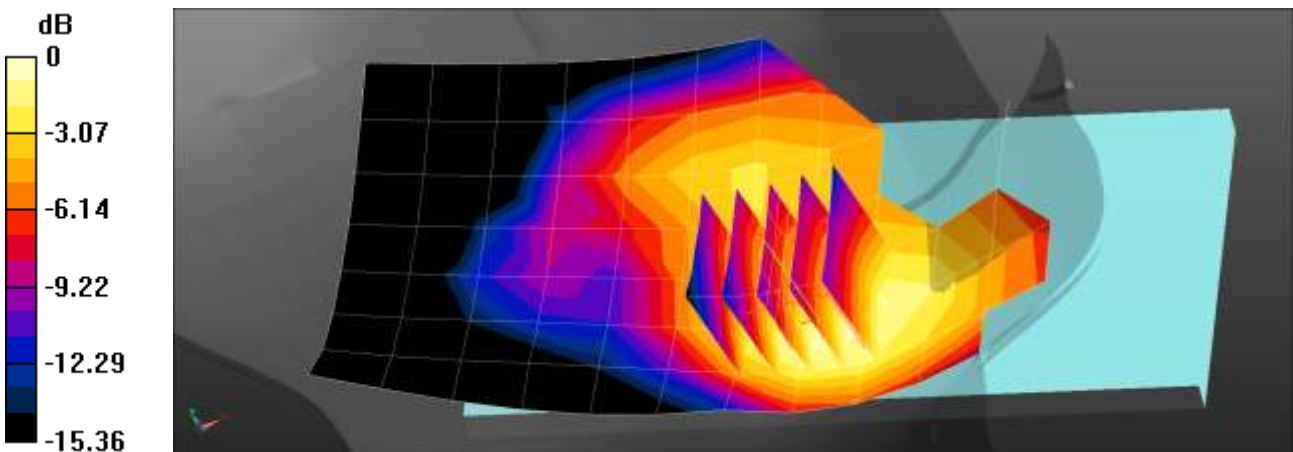
Communication System: UID 0, LTE Band2 (0); Frequency: 1860 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 1860$ MHz; $\sigma = 1.358$ S/m; $\epsilon_r = 41.405$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(8.58, 8.58, 8.58) @ 1860 MHz; Calibrated: 2021-03-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn466; Calibrated: 2021-04-23
- Phantom: Twin-SAM V5.0 (20deg probe tilt)
- Measurement SW: DASY52, Version 52.10 (4)

LTE Band 2 Head Left Touch QPSK 20MHz 1RB 99offset 18700ch/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.242 W/kg

LTE Band 2 Head Left Touch QPSK 20MHz 1RB 99offset 18700ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.800 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.280 W/kg
SAR(1 g) = 0.187 W/kg; SAR(10 g) = 0.122 W/kg
Maximum value of SAR (measured) = 0.238 W/kg



0 dB = 0.238 W/kg = -6.23 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 20.3 °C
Ambient Temperature: 20.5 °C
Test Date: 08/15/2021
Plot No.: 7

DUT: SM-M526B/DS; Type: Bar;

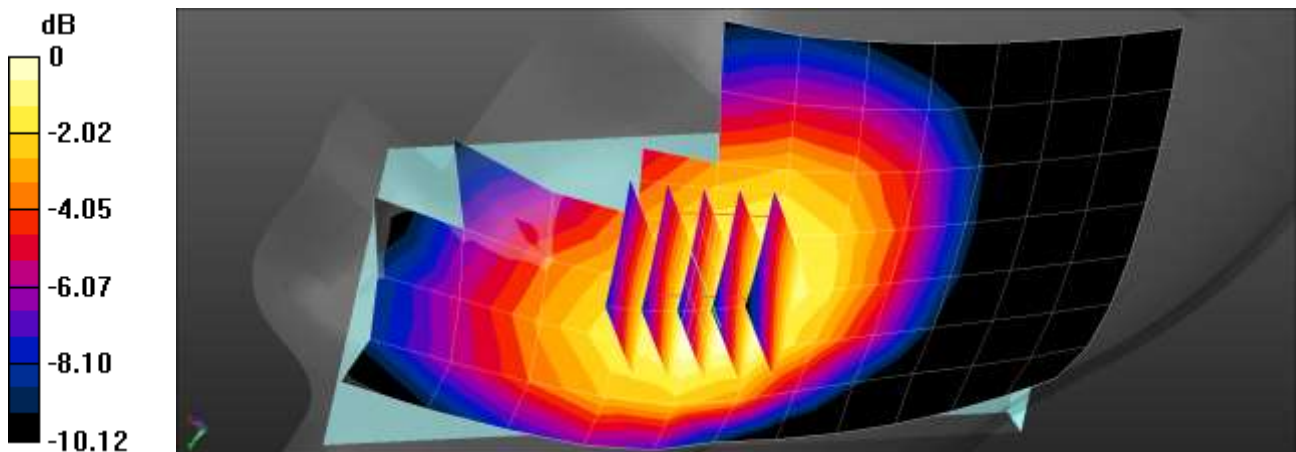
Communication System: UID 0, LTE Band 5 (0); Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.936$ S/m; $\epsilon_r = 40.583$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(9.75, 9.75, 9.75) @ 836.5 MHz; Calibrated: 2021-03-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn466; Calibrated: 2021-04-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt)
- Measurement SW: DASY52, Version 52.10 (4)

LTE Band 5 Head Right Touch QPSK 10MHz 1RB 49offset 20525ch/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.233 W/kg

LTE Band 5 Head Right Touch QPSK 10MHz 1RB 49offset 20525ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.986 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.264 W/kg
SAR(1 g) = 0.204 W/kg; SAR(10 g) = 0.155 W/kg
Maximum value of SAR (measured) = 0.244 W/kg



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

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 20.1 °C
Ambient Temperature: 20.3 °C
Test Date: 08/17/2021
Plot No.: 8

DUT: SM-M526B/DS; Type: Bar;

Communication System: UID 0, LTE 12 (0); Frequency: 707.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.884$ S/m; $\epsilon_r = 43.098$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

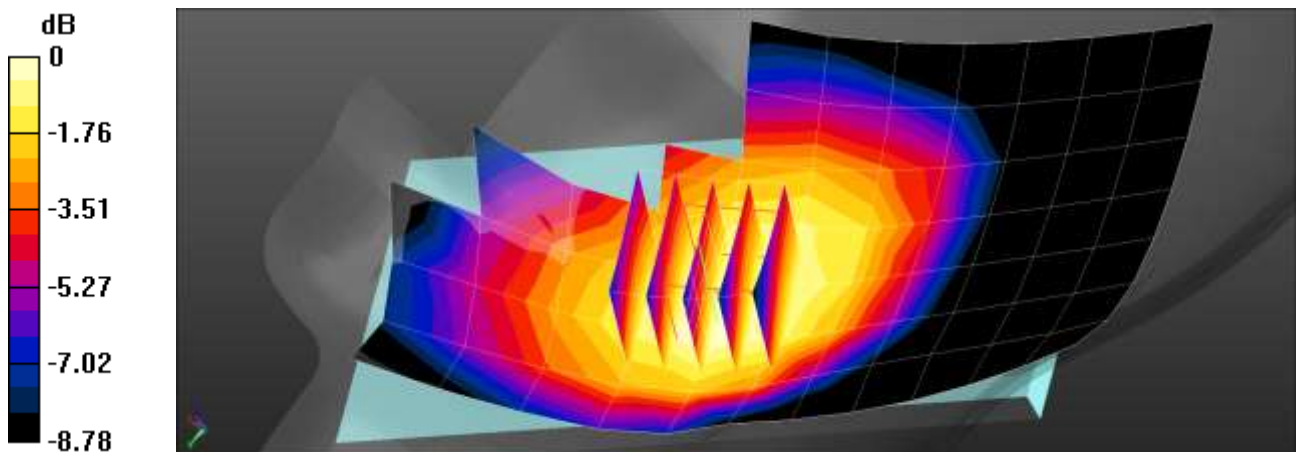
- Probe: EX3DV4 - SN3903; ConvF(9.95, 9.95, 9.95) @ 707.5 MHz; Calibrated: 2021-03-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn466; Calibrated: 2021-04-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt)
- Measurement SW: DASY52, Version 52.10 (4)

LTE Band 12 Head Right Touch QPSK 10MHz 1RB 49offset 23095ch/Area Scan

(8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.150 W/kg

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

0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.297 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.160 W/kg
SAR(1 g) = 0.134 W/kg; SAR(10 g) = 0.107 W/kg
Maximum value of SAR (measured) = 0.152 W/kg



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

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Liquid Temperature: 20.3 °C
 Ambient Temperature: 20.4 °C
 Test Date: 08/16/2021
 Plot No.: 9

DUT: SM-M526B/DS; Type: Bar;

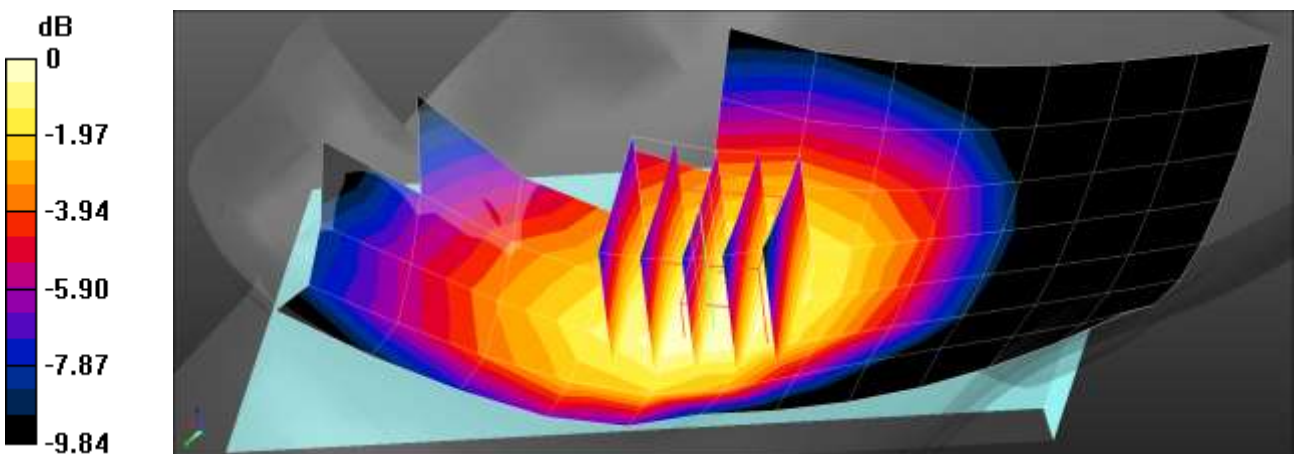
Communication System: UID 0, LTE 26 (0); Frequency: 831.5 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 831.5 \text{ MHz}$; $\sigma = 0.912 \text{ S/m}$; $\epsilon_r = 40.304$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(9.75, 9.75, 9.75) @ 831.5 MHz; Calibrated: 2021-03-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn466; Calibrated: 2021-04-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt)
- Measurement SW: DASY52, Version 52.10 (4)

LTE Band 26 Head Right Touch QPSK 15MHz 1RB 0offset 26865ch/Area Scan (8x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.156 W/kg

LTE Band 26 Head Right Touch QPSK 15MHz 1RB 0offset 26865ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 3.099 V/m; Power Drift = 0.13 dB
 Peak SAR (extrapolated) = 0.176 W/kg
SAR(1 g) = 0.137 W/kg; SAR(10 g) = 0.104 W/kg
 Maximum value of SAR (measured) = 0.163 W/kg



0 dB = 0.163 W/kg = -7.88 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Liquid Temperature: 20.1 °C
 Ambient Temperature: 20.3 °C
 Test Date: 08/15/2021
 Plot No.: 10

DUT: SM-M526B/DS; Type: Bar;

Communication System: UID 0, LTE Band 41 (0); Frequency: 2593 MHz; Duty Cycle: 1:1.58016
 Medium parameters used (interpolated): $f = 2593$ MHz; $\sigma = 1.953$ S/m; $\epsilon_r = 37.728$; $\rho = 1000$ kg/m³
 Phantom section: Right Section

DASY5 Configuration:

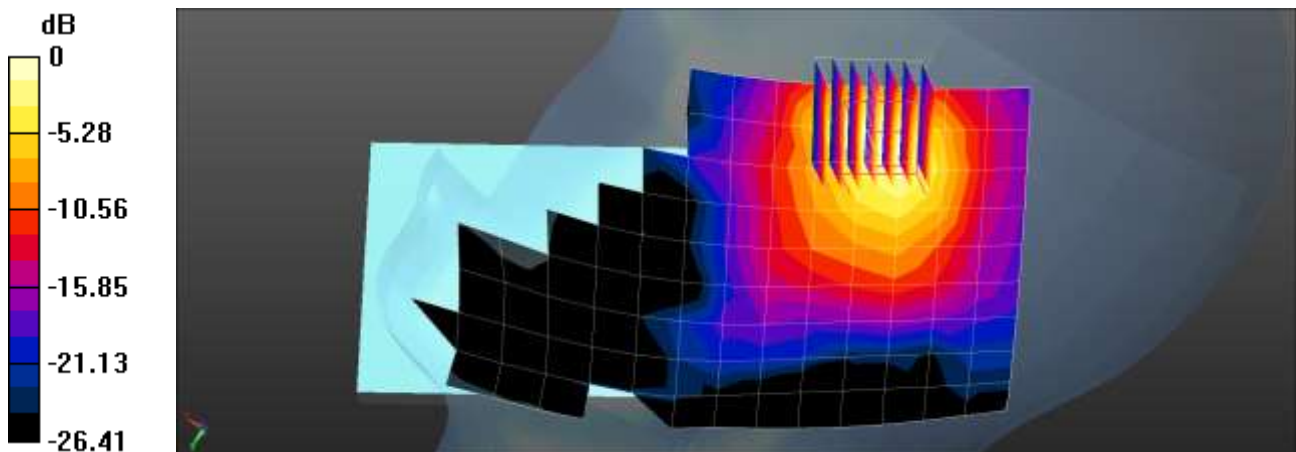
- Probe: EX3DV4 - SN7654; ConvF(8.28, 8.28, 8.28) @ 2593 MHz; Calibrated: 2021-05-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1687; Calibrated: 2021-06-21
- Phantom: SAM with CRP v5.0(Front)
- Measurement SW: DASY52, Version 52.10 (4)

LTE Band 41 Head Right Touch QPSK 20MHz 1RB 0offset 40620ch/Area Scan (10x17x1):

Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.952 W/kg

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

Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 7.780 V/m; Power Drift = 0.13 dB
 Peak SAR (extrapolated) = 1.57 W/kg
SAR(1 g) = 0.657 W/kg; SAR(10 g) = 0.290 W/kg
 Maximum value of SAR (measured) = 1.15 W/kg



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

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 20.1 °C
Ambient Temperature: 20.3 °C
Test Date: 08/15/2021
Plot No.: 11

DUT: SM-M526B/DS; Type: Bar;

Communication System: UID 0, LTE Band 41 (0); Frequency: 2549.5 MHz;Duty Cycle: 1:1.58016
Medium parameters used: $f = 2550$ MHz; $\sigma = 1.899$ S/m; $\epsilon_r = 37.925$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

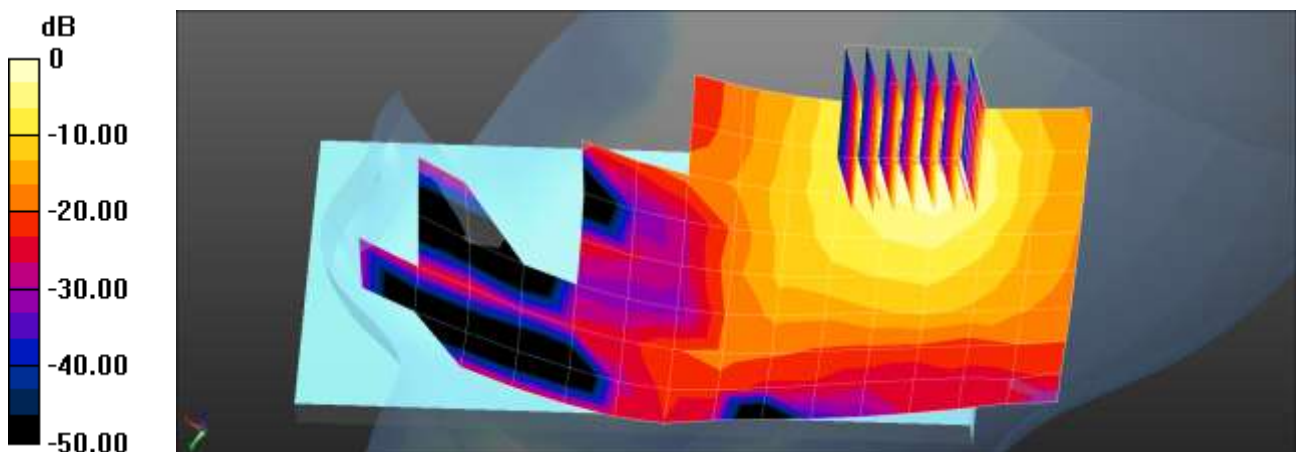
- Probe: EX3DV4 - SN7654; ConvF(8.28, 8.28, 8.28) @ 2549.5 MHz; Calibrated: 2021-05-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1687; Calibrated: 2021-06-21
- Phantom: SAM with CRP v5.0(Front)
- Measurement SW: DASY52, Version 52.10 (4)

LTE Band 41 Head Right Touch QPSK 20MHz 50RB 25offset 40185ch/Area Scan (9x17x1):

Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.939 W/kg

LTE Band 41 Head Right Touch QPSK 20MHz 50RB 25offset 40185ch/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.547 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.55 W/kg
SAR(1 g) = 0.645 W/kg; SAR(10 g) = 0.286 W/kg
Maximum value of SAR (measured) = 1.12 W/kg



0 dB = 0.939 W/kg = -0.27 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Liquid Temperature: 21.2 °C
 Ambient Temperature: 21.2 °C
 Test Date: 08/15/2021
 Plot No.: 12

DUT: SM-M526B/DS; Type: Bar;

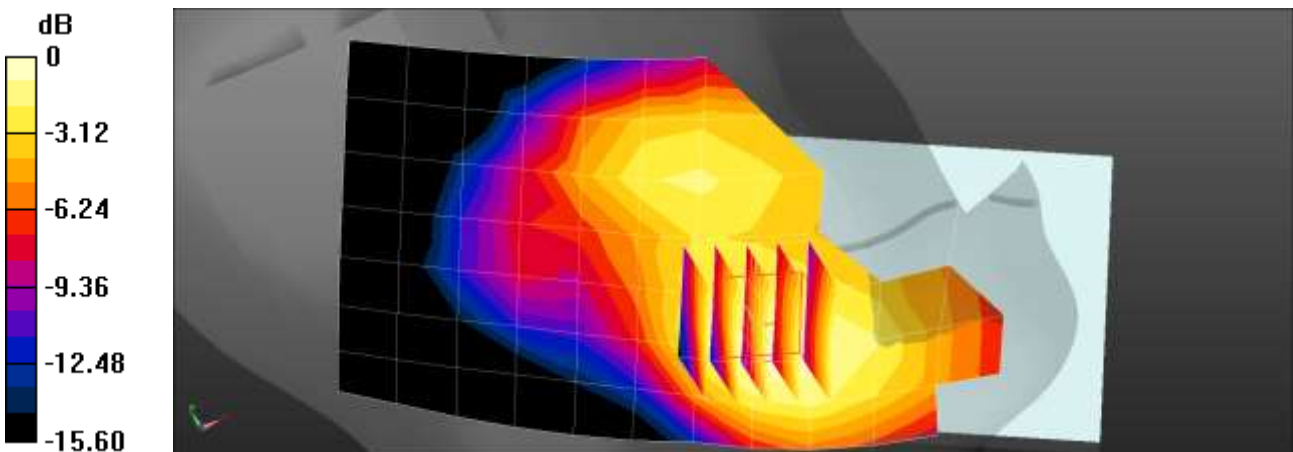
Communication System: UID 0, LTE Band66 (0); Frequency: 1720 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.341$ S/m; $\epsilon_r = 41.505$; $\rho = 1000$ kg/m³
 Phantom section: Left Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(8.8, 8.8, 8.8) @ 1720 MHz; Calibrated: 2021-03-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn466; Calibrated: 2021-04-23
- Phantom: Twin-SAM V5.0 (20deg probe tilt)
- Measurement SW: DASY52, Version 52.10 (4)

LTE Band 66 Head Left Touch QPSK 20MHz 1RB 99offset 132072ch/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.254 W/kg

LTE Band 66 Head Left Touch QPSK 20MHz 1RB 99offset 132072ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 3.927 V/m; Power Drift = 0.14 dB
 Peak SAR (extrapolated) = 0.296 W/kg
SAR(1 g) = 0.201 W/kg; SAR(10 g) = 0.136 W/kg
 Maximum value of SAR (measured) = 0.250 W/kg



0 dB = 0.250 W/kg = -6.02 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 20.7 °C
Ambient Temperature: 20.8 °C
Test Date: 07/27/2021
Plot No.: 13

DUT: SM-M526B/DS; Type: Bar;

Communication System: UID 0, NR n5 (0); Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.929$ S/m; $\epsilon_r = 42.288$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

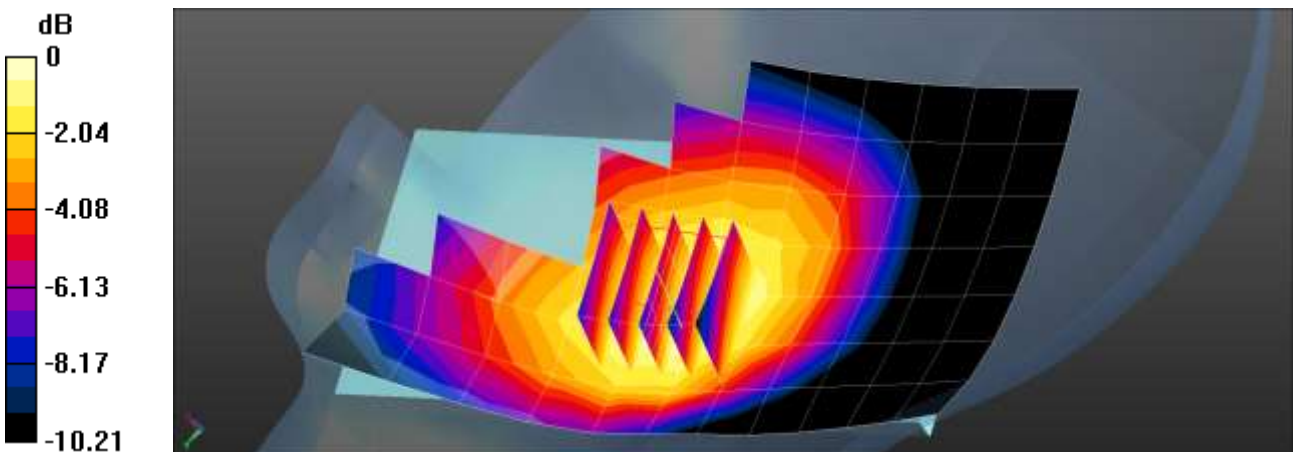
- Probe: EX3DV4 - SN3797; ConvF(9.04, 9.04, 9.04) @ 836.5 MHz; Calibrated: 2020-11-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2021-06-02
- Phantom: SAM_Right_20170913
- Measurement SW: DASY52, Version 52.10 (4)

NR Band n5 Head Right Touch DFT-s QPSK 20MHz 50RB 28offset 167300ch/Area Scan (8x14x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.239 W/kg

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

0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.969 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.267 W/kg
SAR(1 g) = 0.207 W/kg; SAR(10 g) = 0.157 W/kg
Maximum value of SAR (measured) = 0.246 W/kg



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

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 20.4 °C
Ambient Temperature: 20.6 °C
Test Date: 08/11/2021
Plot No.: 14

DUT: SM-M526B/DS; Type: Bar;

Communication System: UID 0, n66 (0); Frequency: 1770 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 1770$ MHz; $\sigma = 1.341$ S/m; $\epsilon_r = 41.21$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY5 Configuration:

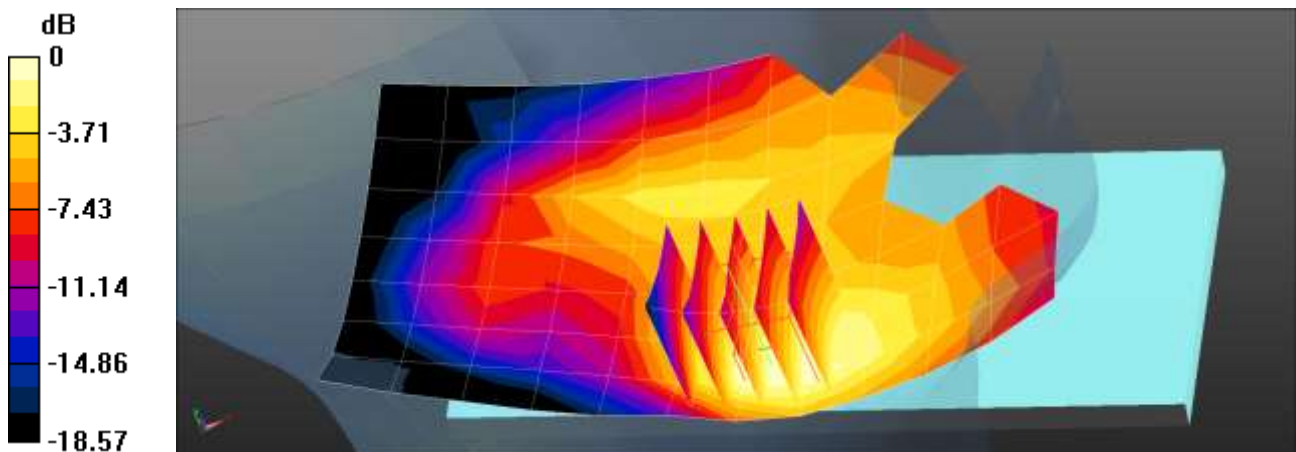
- Probe: EX3DV4 - SN3797; ConvF(8.06, 8.06, 8.06) @ 1770 MHz; Calibrated: 2020-11-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1686; Calibrated: 2021-06-21
- Phantom: SAM_Left_20170913
- Measurement SW: DASY52, Version 52.10 (4)

NR Band n66 Head Left Touch DFT-s QPSK 20MHz 50RB 28offset 354000ch/Area Scan (8x14x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.370 W/kg

NR Band n66 Head Left Touch DFT-s QPSK 20MHz 50RB 28offset 354000ch/Zoom Scan (5x5x7)/Cube

0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.670 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.469 W/kg
SAR(1 g) = 0.311 W/kg; SAR(10 g) = 0.202 W/kg
Maximum value of SAR (measured) = 0.412 W/kg



0 dB = 0.412 W/kg = -3.85 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 21.1 °C
Ambient Temperature: 21.2 °C
Test Date: 07/28/2021
Plot No.: 15

DUT: SM-M526B/DS; Type: Bar;

Communication System: UID 0, 2450MHz FCC (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.813$ S/m; $\epsilon_r = 38.422$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(7.78, 7.78, 7.78) @ 2437 MHz; Calibrated: 2021-03-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn466; Calibrated: 2021-04-23
- Phantom: Twin-SAM V4.0 (20deg probe tilt)_1588_20200429
- Measurement SW: DASY52, Version 52.10 (4)

802.11b Head Right Tilt 1Mbps 6ch/Area Scan (10x17x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.225 W/kg

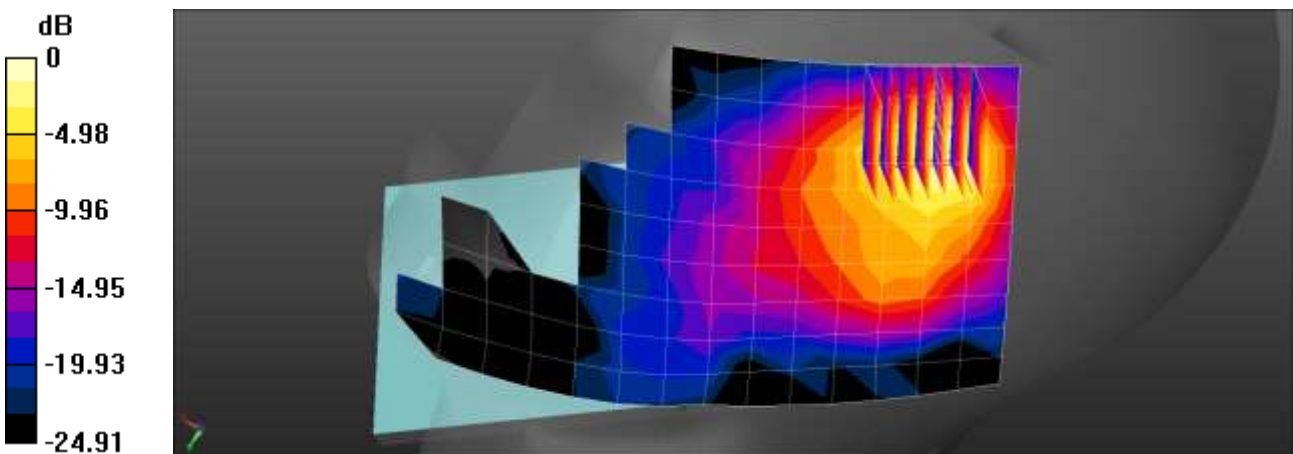
802.11b Head Right Tilt 1Mbps 6ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.773 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.338 W/kg

SAR(1 g) = 0.145 W/kg; SAR(10 g) = 0.064 W/kg

Maximum value of SAR (measured) = 0.247 W/kg



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

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 20.4 °C
Ambient Temperature: 20.6 °C
Test Date: 07/29/2021
Plot No.: 16

DUT: SM-M526B/DS; Type: Bar;

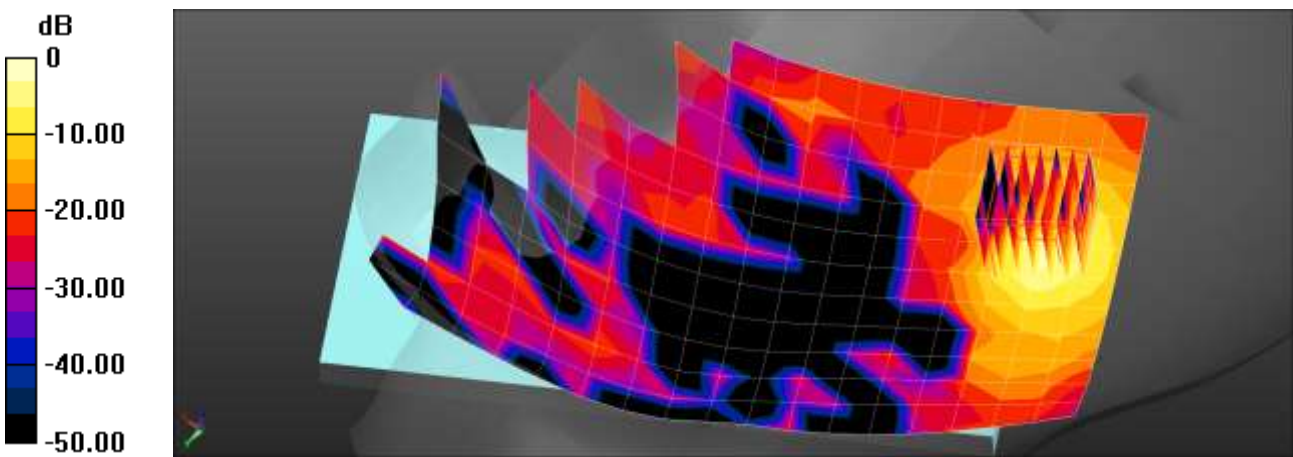
Communication System: UID 0, WIFI 5GHz (0); Frequency: 5290 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 5290$ MHz; $\sigma = 4.647$ S/m; $\epsilon_r = 36.628$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(5.3, 5.3, 5.3) @ 5290 MHz; Calibrated: 2021-03-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn466; Calibrated: 2021-04-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt)
- Measurement SW: DASY52, Version 52.10 (4)

802.11ac80 Head Right Tilt MCS0 58ch/Area Scan (12x20x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.487 W/kg

802.11ac80 Head Right Tilt MCS0 58ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 4.827 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 0.810 W/kg
SAR(1 g) = 0.193 W/kg; SAR(10 g) = 0.051 W/kg
Maximum value of SAR (measured) = 0.482 W/kg



0 dB = 0.487 W/kg = -3.12 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Liquid Temperature: 21.4 °C
 Ambient Temperature: 21.5 °C
 Test Date: 07/27/2021
 Plot No.: 17

DUT: SM-M526B/DS; Type: Bar;

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.302
 Medium parameters used (interpolated): $f = 2441 \text{ MHz}$; $\sigma = 1.809 \text{ S/m}$; $\epsilon_r = 37.937$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Right Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(7.78, 7.78, 7.78) @ 2441 MHz; Calibrated: 2021-03-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn466; Calibrated: 2021-04-23
- Phantom: Twin-SAM V4.0 (20deg probe tilt)_1588_20200429
- Measurement SW: DASY52, Version 52.10 (4)

Bluetooth Head Right Touch DH5 39ch/Area Scan (10x18x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.380 W/kg

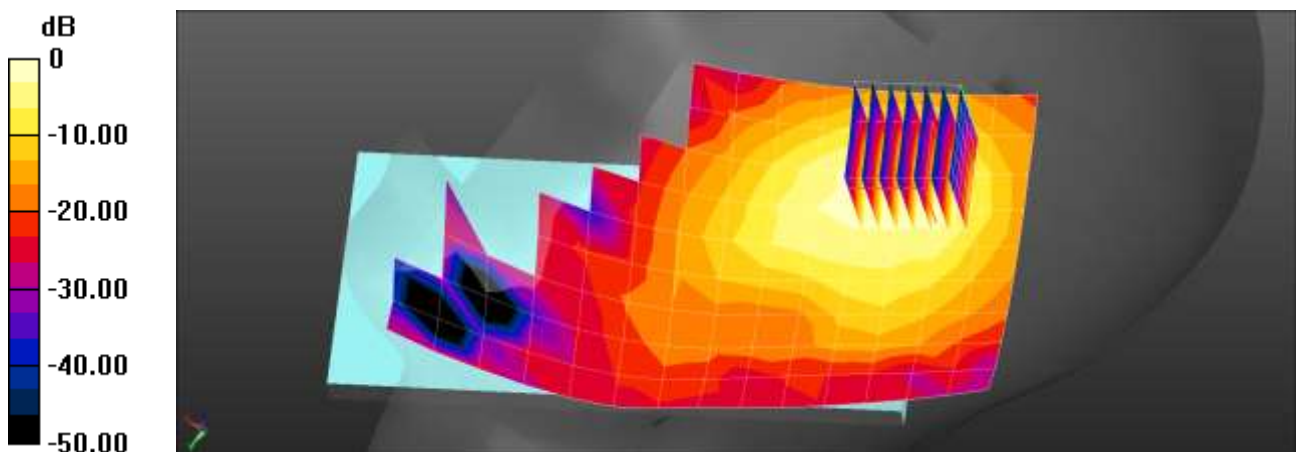
Bluetooth Head Right Touch DH5 39ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.855 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.550 W/kg

SAR(1 g) = 0.243 W/kg; SAR(10 g) = 0.119 W/kg

Maximum value of SAR (measured) = 0.427 W/kg



0 dB = 0.380 W/kg = -4.20 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Liquid Temperature: 20.2 °C
 Ambient Temperature: 20.3 °C
 Test Date: 07/20/2021
 Plot No.: 18

DUT: SM-M526B/DS; Type: Bar;

Communication System: UID 0, GSM 850 (0); Frequency: 836.6 MHz;Duty Cycle: 1:8.30042
 Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.93$ S/m; $\epsilon_r = 42.298$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3797; ConvF(9.04, 9.04, 9.04) @ 836.6 MHz; Calibrated: 2020-11-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2021-06-02
- Phantom: SAM_Right_20170913
- Measurement SW: DASY52, Version 52.10 (4)

GSM850 BodyWorn Front 190ch/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.147 W/kg

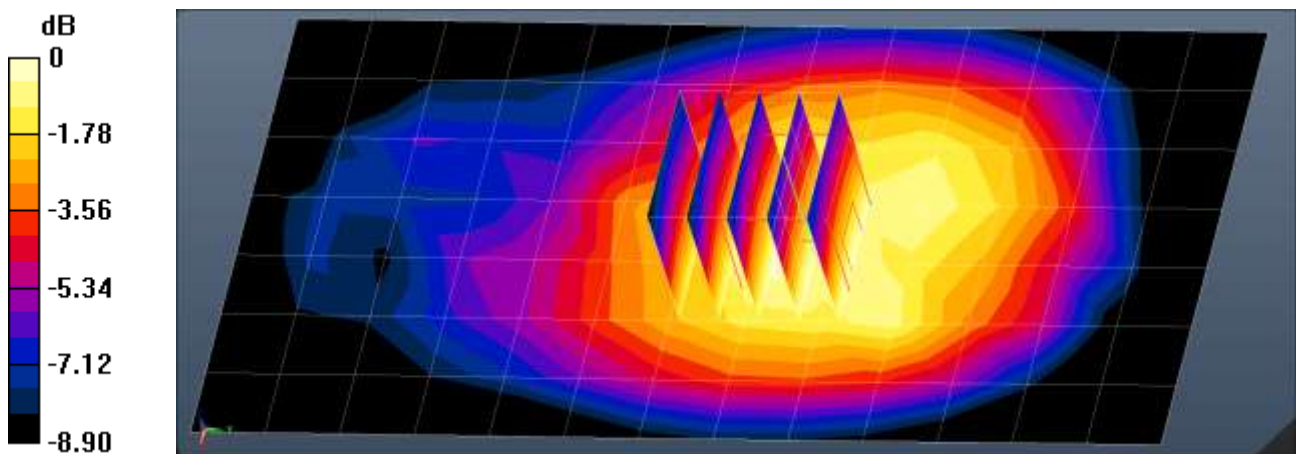
GSM850 BodyWorn Front 190ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.80 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.171 W/kg

SAR(1 g) = 0.130 W/kg; SAR(10 g) = 0.098 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: 20.4 °C
Ambient Temperature: 20.5 °C
Test Date: 08/13/2021
Plot No.: 19

DUT: SM-M526B/DS; Type: Bar;

Communication System: UID 0, GSM 1900 2TX (0); Frequency: 1880 MHz;Duty Cycle: 1:4.14954
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.401$ S/m; $\epsilon_r = 40.68$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3797; ConvF(7.83, 7.83, 7.83) @ 1880 MHz; Calibrated: 2020-11-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2021-06-02
- Phantom: SAM_Left_20170913
- Measurement SW: DASY52, Version 52.10 (4)

GSM1900 2Tx BodyWorn Rear 661ch/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.504 W/kg

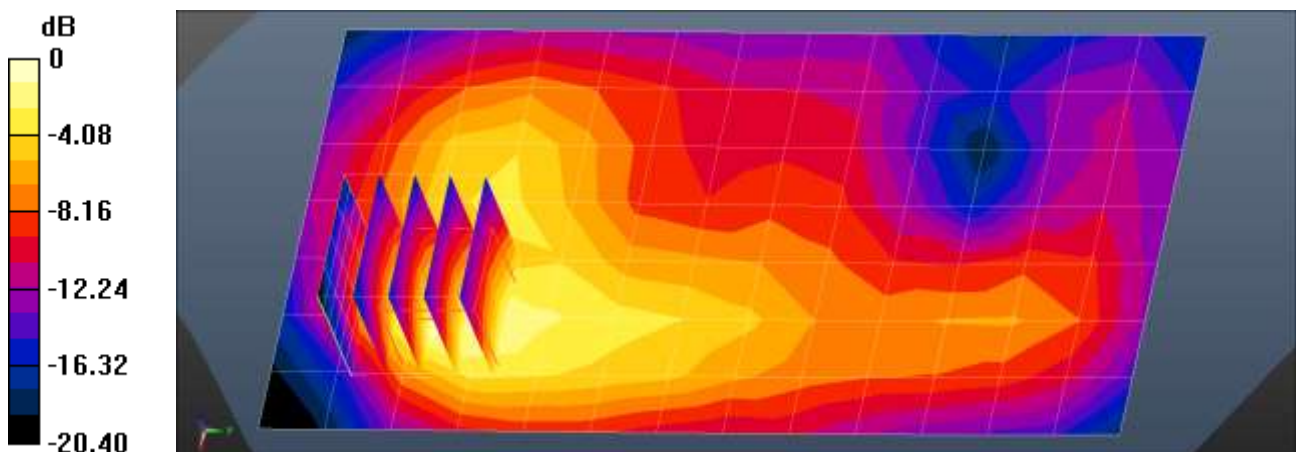
GSM1900 2Tx BodyWorn Rear 661ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.027 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.695 W/kg

SAR(1 g) = 0.344 W/kg; SAR(10 g) = 0.172 W/kg

Maximum value of SAR (measured) = 0.570 W/kg



0 dB = 0.504 W/kg = -2.97 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 22.6 °C
Ambient Temperature: 22.8 °C
Test Date: 07/22/2021
Plot No.: 20

DUT: SM-M526B/DS; Type: Bar;

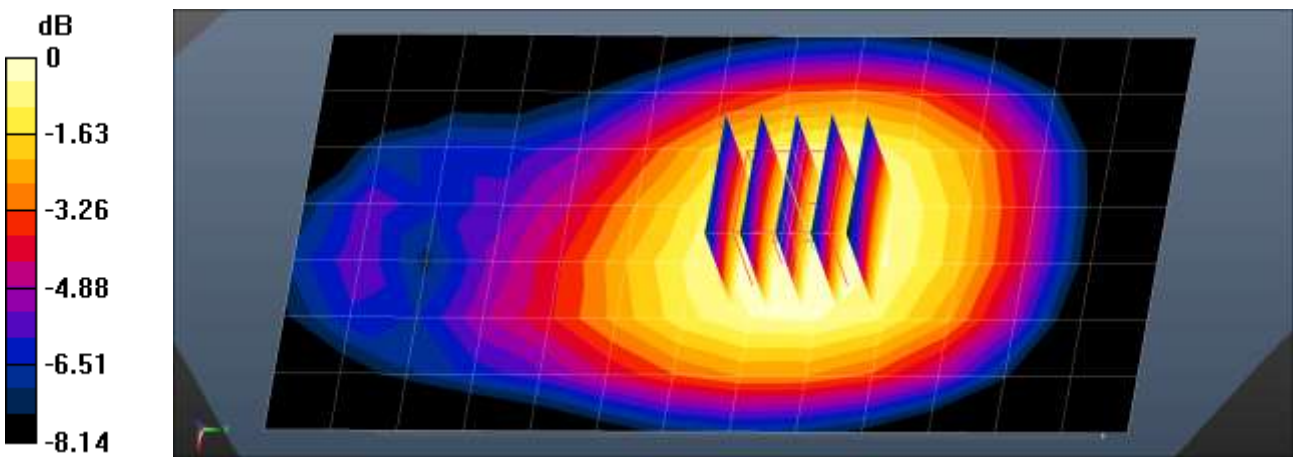
Communication System: UID 0, WCDMA850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.929$ S/m; $\epsilon_r = 42.278$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3797; ConvF(9.04, 9.04, 9.04) @ 836.6 MHz; Calibrated: 2020-11-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2021-06-02
- Phantom: SAM_Right_20170913
- Measurement SW: DASY52, Version 52.10 (4)

UMTS Band 5 BodyWorn Front 4183ch/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.294 W/kg

UMTS Band 5 BodyWorn Front 4183ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.98 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.320 W/kg
SAR(1 g) = 0.245 W/kg; SAR(10 g) = 0.188 W/kg
Maximum value of SAR (measured) = 0.293 W/kg



0 dB = 0.293 W/kg = -5.33 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 20.4 °C
Ambient Temperature: 20.5 °C
Test Date: 08/16/2021
Plot No.: 21

DUT: SM-M526B/DS; Type: Bar;

Communication System: UID 0, WCDMA IV (0); Frequency: 1732.4 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1732.4$ MHz; $\sigma = 1.309$ S/m; $\epsilon_r = 41.43$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3797; ConvF(8.06, 8.06, 8.06) @ 1732.4 MHz; Calibrated: 2020-11-25
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2021-06-02
- Phantom: SAM_Left_20170913
- Measurement SW: DASY52, Version 52.10 (4)

UMTS Band 4 BodyWorn Rear 1412ch/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.180 W/kg

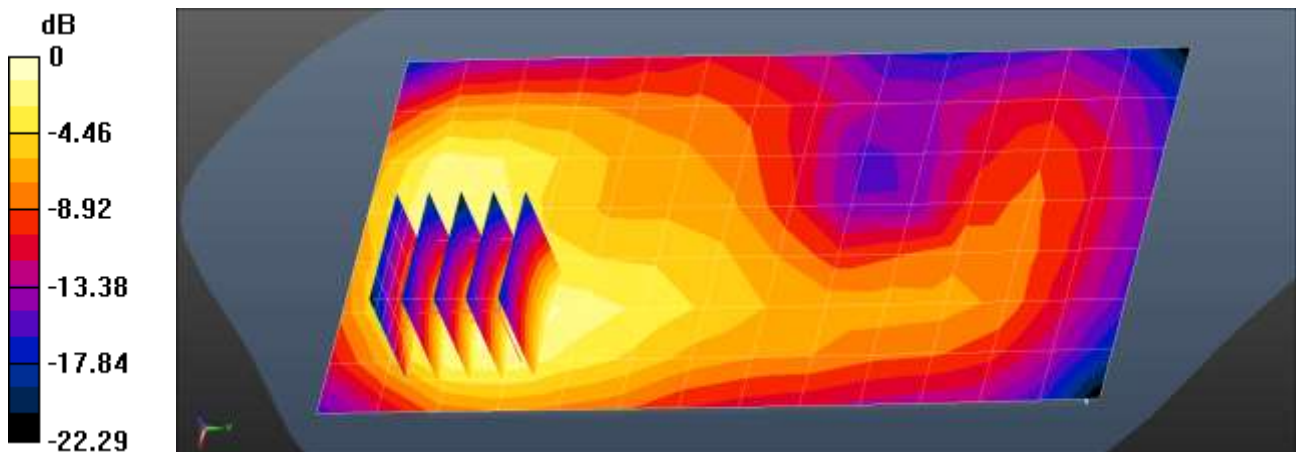
UMTS Band 4 BodyWorn Rear 1412ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.858 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.270 W/kg

SAR(1 g) = 0.162 W/kg; SAR(10 g) = 0.092 W/kg

Maximum value of SAR (measured) = 0.196 W/kg



0 dB = 0.180 W/kg = -7.44 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 20.4 °C
Ambient Temperature: 20.5 °C
Test Date: 08/16/2021
Plot No.: 22

DUT: SM-M526B/DS; Type: Bar;

Communication System: UID 0, WCDMA1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.377 \text{ S/m}$; $\epsilon_r = 40.92$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3797; ConvF(7.83, 7.83, 7.83) @ 1880 MHz; Calibrated: 2020-11-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2021-06-02
- Phantom: SAM_Left_20170913
- Measurement SW: DASY52, Version 52.10 (4)

UMTS Band 2 BodyWorn Rear 9400ch/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.561 W/kg

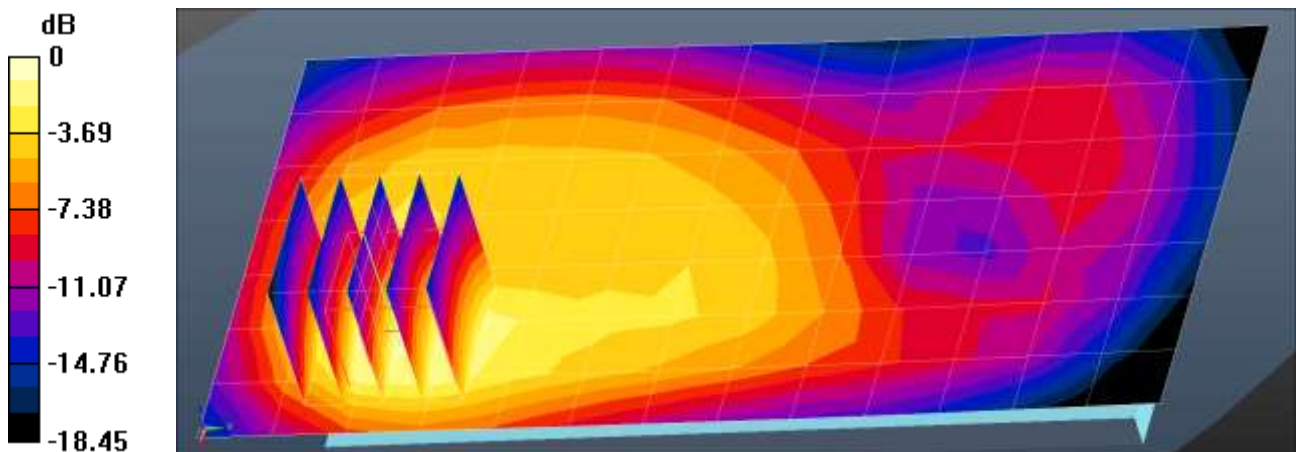
UMTS Band 2 BodyWorn Rear 9400ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.55 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.776 W/kg

SAR(1 g) = 0.440 W/kg; SAR(10 g) = 0.248 W/kg

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



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

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 20.3 °C
Ambient Temperature: 20.5 °C
Test Date: 08/13/2021
Plot No.: 23

DUT: SM-M526B/DS; Type: Bar;

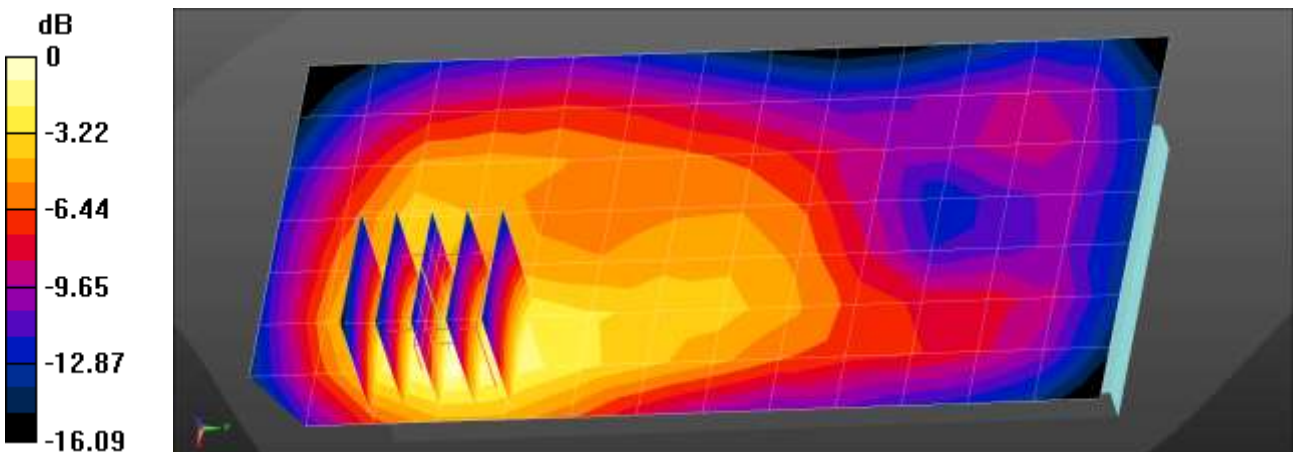
Communication System: UID 0, LTE Band2 (0); Frequency: 1860 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 1860$ MHz; $\sigma = 1.358$ S/m; $\epsilon_r = 41.405$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(8.58, 8.58, 8.58) @ 1860 MHz; Calibrated: 2021-03-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn466; Calibrated: 2021-04-23
- Phantom: Twin-SAM V5.0 (20deg probe tilt)
- Measurement SW: DASY52, Version 52.10 (4)

LTE Band 2 BodyWorn Rear QPSK 20MHz 1RB 99offset 18700ch/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.520 W/kg

LTE Band 2 BodyWorn Rear QPSK 20MHz 1RB 99offset 18700ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.79 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.676 W/kg
SAR(1 g) = 0.406 W/kg; SAR(10 g) = 0.240 W/kg
Maximum value of SAR (measured) = 0.573 W/kg



0 dB = 0.573 W/kg = -2.42 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Liquid Temperature: 20.3 °C
 Ambient Temperature: 20.5 °C
 Test Date: 08/15/2021
 Plot No.: 24

DUT: SM-M526B/DS; Type: Bar;

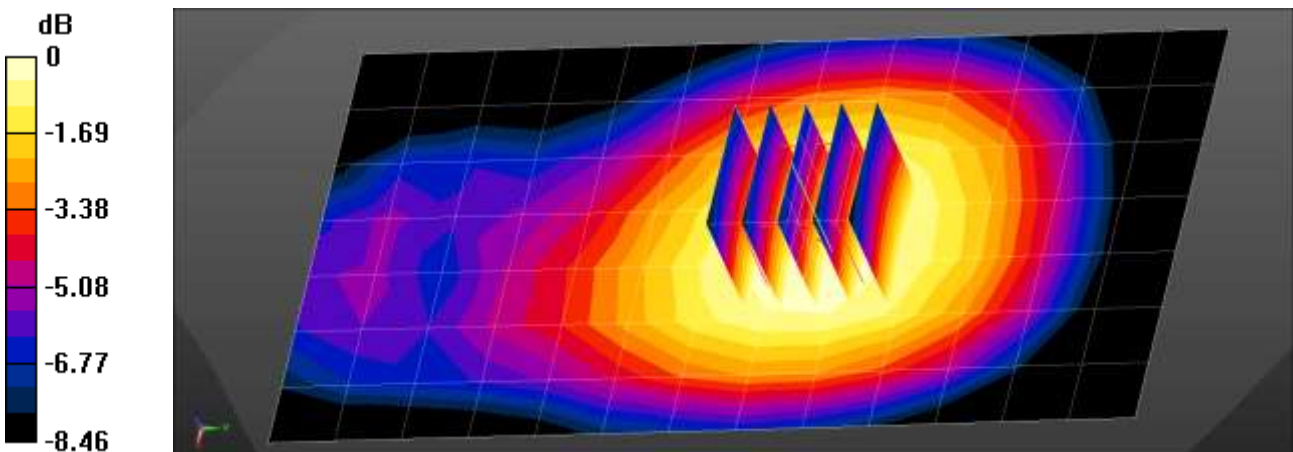
Communication System: UID 0, LTE Band 5 (0); Frequency: 836.5 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 836.5 \text{ MHz}$; $\sigma = 0.936 \text{ S/m}$; $\epsilon_r = 40.583$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(9.75, 9.75, 9.75) @ 836.5 MHz; Calibrated: 2021-03-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn466; Calibrated: 2021-04-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt)
- Measurement SW: DASY52, Version 52.10 (4)

LTE Band 5 BodyWorn Front QPSK 10MHz 1RB 49offset 20525ch/Area Scan (8x14x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.227 W/kg

LTE Band 5 BodyWorn Front QPSK 10MHz 1RB 49offset 20525ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 16.06 V/m; Power Drift = -0.05 dB
 Peak SAR (extrapolated) = 0.252 W/kg
SAR(1 g) = 0.189 W/kg; SAR(10 g) = 0.142 W/kg
 Maximum value of SAR (measured) = 0.230 W/kg



0 dB = 0.230 W/kg = -6.38 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Liquid Temperature: 20.1 °C
 Ambient Temperature: 20.3 °C
 Test Date: 08/17/2021
 Plot No.: 25

DUT: SM-M526B/DS; Type: Bar;

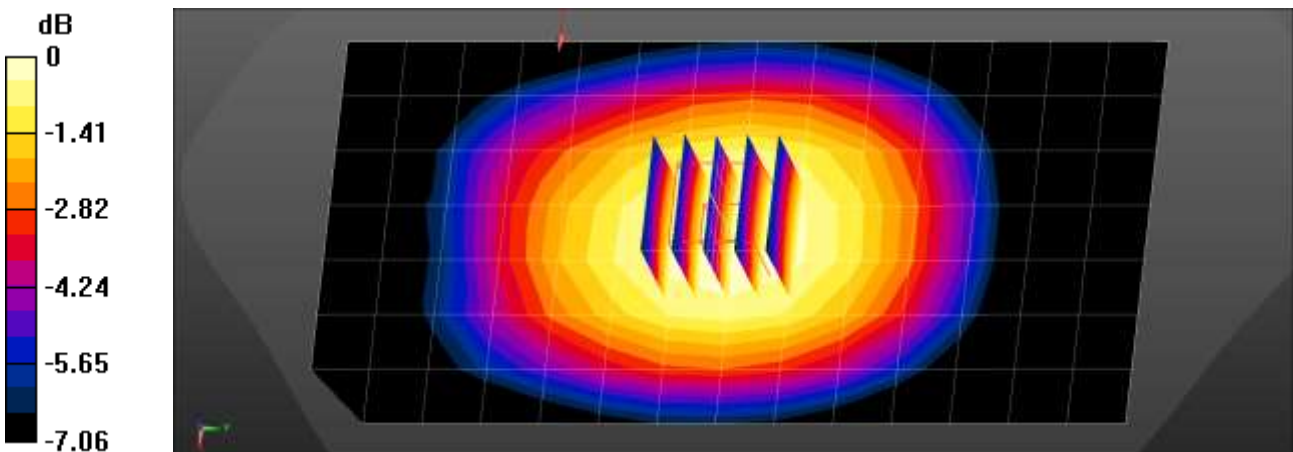
Communication System: UID 0, LTE 12 (0); Frequency: 707.5 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 707.5 \text{ MHz}$; $\sigma = 0.884 \text{ S/m}$; $\epsilon_r = 43.098$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(9.95, 9.95, 9.95) @ 707.5 MHz; Calibrated: 2021-03-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn466; Calibrated: 2021-04-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt)
- Measurement SW: DASY52, Version 52.10 (4)

LTE Band 12 BodyWorn Front QPSK 10MHz 1RB 49offset 23095ch/Area Scan (8x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.221 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 = 16.82 V/m; Power Drift = -0.05 dB
 Peak SAR (extrapolated) = 0.236 W/kg
SAR(1 g) = 0.192 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: 20.3 °C
 Ambient Temperature: 20.4 °C
 Test Date: 08/16/2021
 Plot No.: 26

DUT: SM-M526B/DS; Type: Bar;

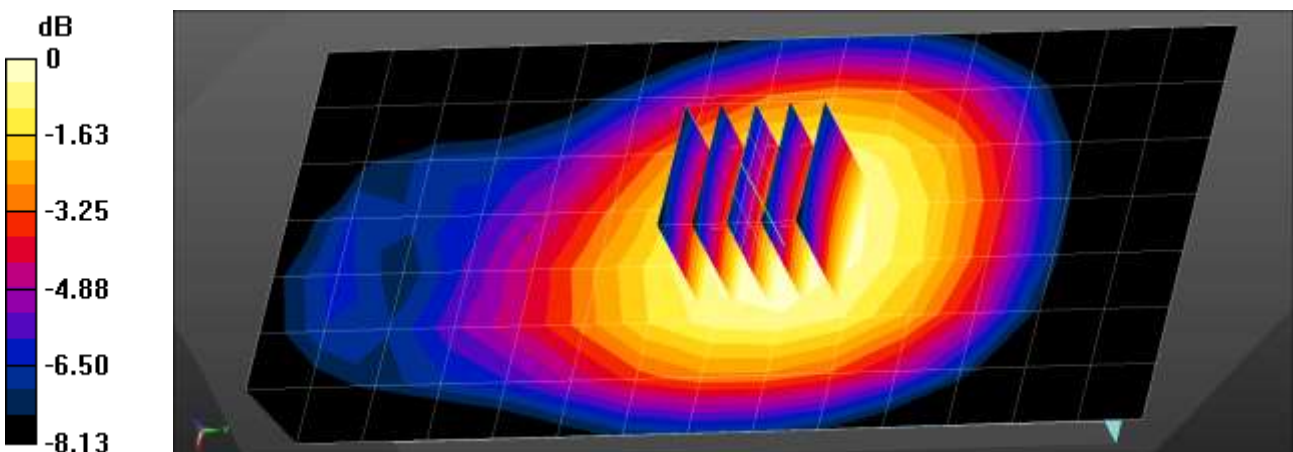
Communication System: UID 0, LTE 26 (0); Frequency: 831.5 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 831.5 \text{ MHz}$; $\sigma = 0.912 \text{ S/m}$; $\epsilon_r = 40.304$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(9.75, 9.75, 9.75) @ 831.5 MHz; Calibrated: 2021-03-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn466; Calibrated: 2021-04-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt)
- Measurement SW: DASY52, Version 52.10 (4)

LTE Band 26 BodyWorn Front QPSK 15MHz 1RB 0offset 26865ch/Area Scan (8x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 0.198 W/kg

LTE Band 26 BodyWorn Front QPSK 15MHz 1RB 0offset 26865ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
 Reference Value = 15.36 V/m; Power Drift = -0.01 dB
 Peak SAR (extrapolated) = 0.220 W/kg
SAR(1 g) = 0.166 W/kg; SAR(10 g) = 0.126 W/kg
 Maximum value of SAR (measured) = 0.202 W/kg



0 dB = 0.202 W/kg = -6.95 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Liquid Temperature: 20.2 °C
 Ambient Temperature: 20.4 °C
 Test Date: 08/16/2021
 Plot No.: 27

DUT: SM-M526B/DS; Type: Bar;

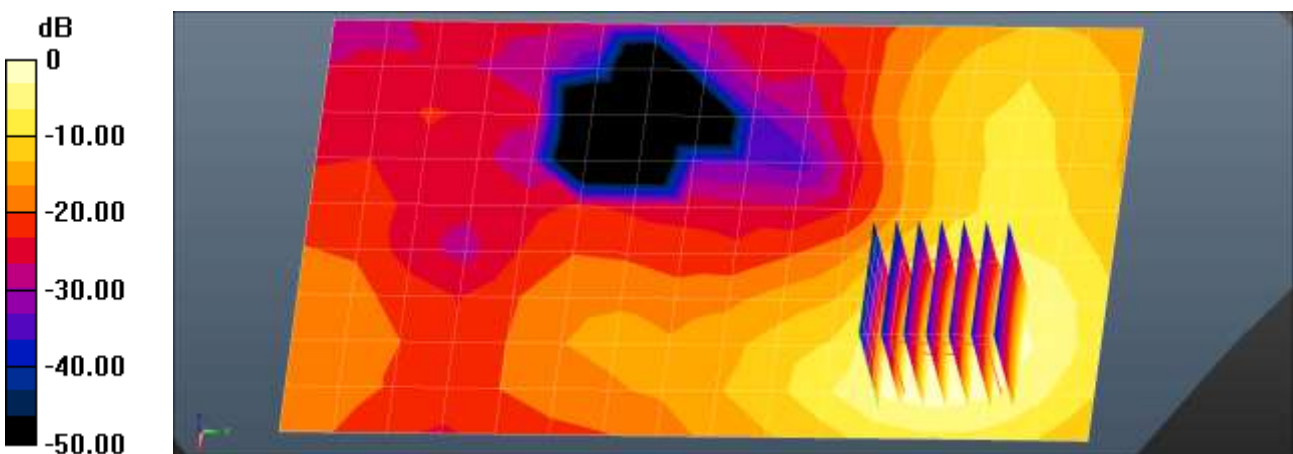
Communication System: UID 0, LTE Band 41 (0); Frequency: 2593 MHz; Duty Cycle: 1:1.58016
 Medium parameters used (interpolated): $f = 2593$ MHz; $\sigma = 1.948$ S/m; $\epsilon_r = 38.769$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(8.28, 8.28, 8.28) @ 2593 MHz; Calibrated: 2021-05-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1687; Calibrated: 2021-06-21
- Phantom: SAM with CRP v5.0(Front)
- Measurement SW: DASY52, Version 52.10 (4)

LTE Band 41 BodyWorn Rear QPSK 20MHz 1RB 0offset 40620ch/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 1.09 W/kg

LTE Band 41 BodyWorn Rear QPSK 20MHz 1RB 0offset 40620ch/Zoom Scan (7x7x7)/Cube 0:
 Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 1.306 V/m; Power Drift = 0.15 dB
 Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 0.680 W/kg; SAR(10 g) = 0.338 W/kg
 Maximum value of SAR (measured) = 1.11 W/kg



0 dB = 1.09 W/kg = 0.37 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Liquid Temperature: 21.2 °C
 Ambient Temperature: 21.2 °C
 Test Date: 08/15/2021
 Plot No.: 28

DUT: SM-M526B/DS; Type: Bar;

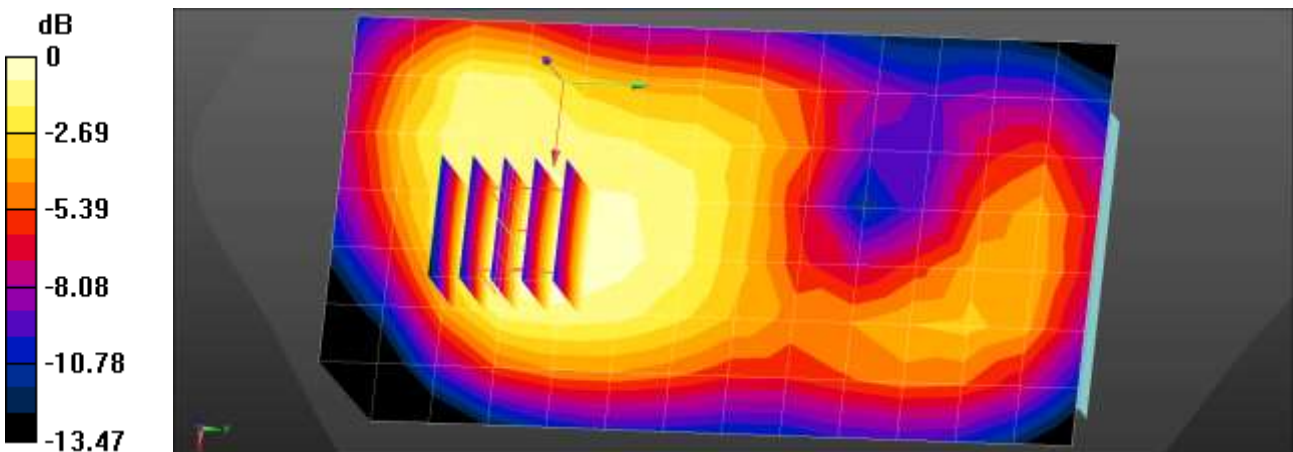
Communication System: UID 0, LTE Band66 (0); Frequency: 1720 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 1720$ MHz; $\sigma = 1.341$ S/m; $\epsilon_r = 41.505$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(8.8, 8.8, 8.8) @ 1720 MHz; Calibrated: 2021-03-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn466; Calibrated: 2021-04-23
- Phantom: Twin-SAM V5.0 (20deg probe tilt)
- Measurement SW: DASY52, Version 52.10 (4)

LTE Band 66 BodyWorn Front QPSK 20MHz 1RB 99offset 132072ch/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.260 W/kg

LTE Band 66 BodyWorn Front QPSK 20MHz 1RB 99offset 132072ch/Zoom Scan (5x5x7)/Cube 0:
 Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 8.790 V/m; Power Drift = -0.14 dB
 Peak SAR (extrapolated) = 0.295 W/kg
SAR(1 g) = 0.197 W/kg; SAR(10 g) = 0.134 W/kg
 Maximum value of SAR (measured) = 0.259 W/kg



0 dB = 0.259 W/kg = -5.87 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Liquid Temperature: 20.7 °C
 Ambient Temperature: 20.8 °C
 Test Date: 07/27/2021
 Plot No.: 29

DUT: SM-M526B/DS; Type: Bar;

Communication System: UID 0, NR n5 (0); Frequency: 836.5 MHz;Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.929$ S/m; $\epsilon_r = 42.288$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

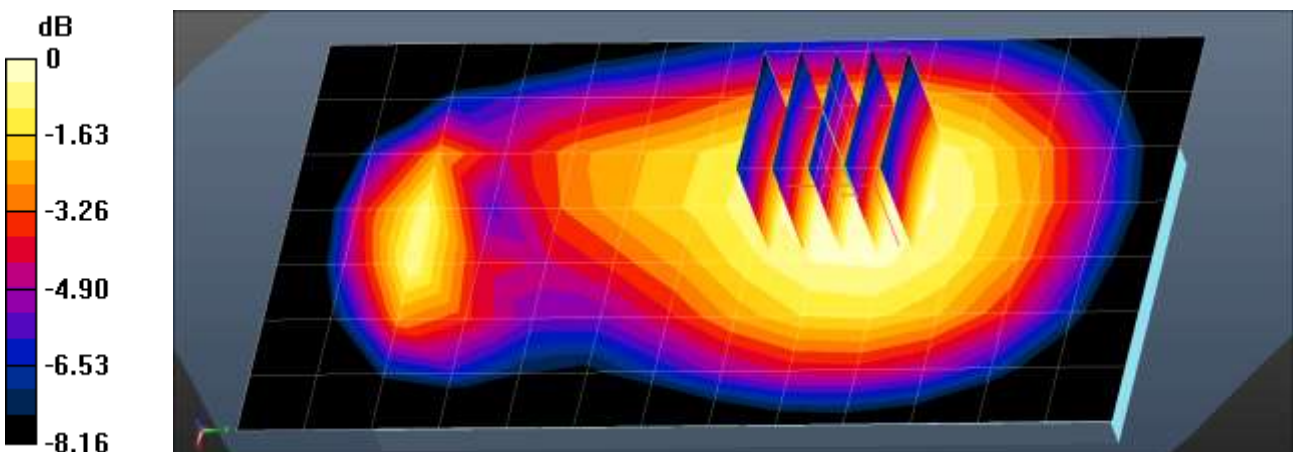
- Probe: EX3DV4 - SN3797; ConvF(9.04, 9.04, 9.04) @ 836.5 MHz; Calibrated: 2020-11-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2021-06-02
- Phantom: SAM_Right_20170913
- Measurement SW: DASY52, Version 52.10 (4)

NR Band n5 BodyWorn Rear DFT-s QPSK 20MHz 50RB 28offset 167300ch/Area Scan (8x14x1):

Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.309 W/kg

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

0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 17.54 V/m; Power Drift = -0.01 dB
 Peak SAR (extrapolated) = 0.343 W/kg
SAR(1 g) = 0.259 W/kg; SAR(10 g) = 0.195 W/kg
 Maximum value of SAR (measured) = 0.315 W/kg



0 dB = 0.315 W/kg = -5.02 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Liquid Temperature: 20.4 °C
 Ambient Temperature: 20.6 °C
 Test Date: 08/11/2021
 Plot No.: 30

DUT: SM-M526B/DS; Type: Bar;

Communication System: UID 0, n66 (0); Frequency: 1770 MHz;Duty Cycle: 1 : 1
 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.341$ S/m; $\epsilon_r = 41.21$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

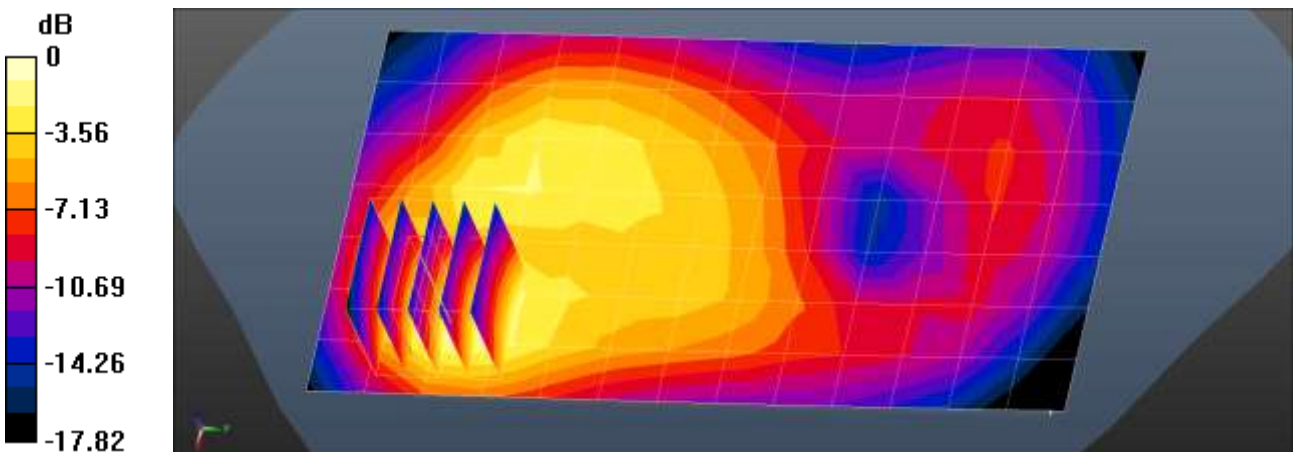
- Probe: EX3DV4 - SN3797; ConvF(8.06, 8.06, 8.06) @ 1770 MHz; Calibrated: 2020-11-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1686; Calibrated: 2021-06-21
- Phantom: SAM_Left_20170913
- Measurement SW: DASY52, Version 52.10 (4)

NR Band n66 BodyWorn Rear DFT-s QPSK 20MHz 1RB 53offset 354000ch/Area Scan (8x14x1):

Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.623 W/kg

NR Band n66 BodyWorn Rear DFT-s QPSK 20MHz 1RB 53offset 354000ch/Zoom Scan (5x5x7)/Cube

0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 14.80 V/m; Power Drift = -0.08 dB
 Peak SAR (extrapolated) = 0.949 W/kg
SAR(1 g) = 0.555 W/kg; SAR(10 g) = 0.313 W/kg
 Maximum value of SAR (measured) = 0.807 W/kg



0 dB = 0.807 W/kg = -0.93 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Liquid Temperature: 21.1 °C
 Ambient Temperature: 21.2 °C
 Test Date: 07/28/2021
 Plot No.: 31

DUT: SM-M526B/DS; Type: Bar;

Communication System: UID 0, 2450MHz FCC (0); Frequency: 2462 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 1.84$ S/m; $\epsilon_r = 38.335$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(7.78, 7.78, 7.78) @ 2462 MHz; Calibrated: 2021-03-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn466; Calibrated: 2021-04-23
- Phantom: Twin-SAM V4.0 (20deg probe tilt)_1588_20200429
- Measurement SW: DASY52, Version 52.10 (4)

802.11b BodyWorn Rear 1Mbps 11ch/Area Scan (10x17x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.288 W/kg

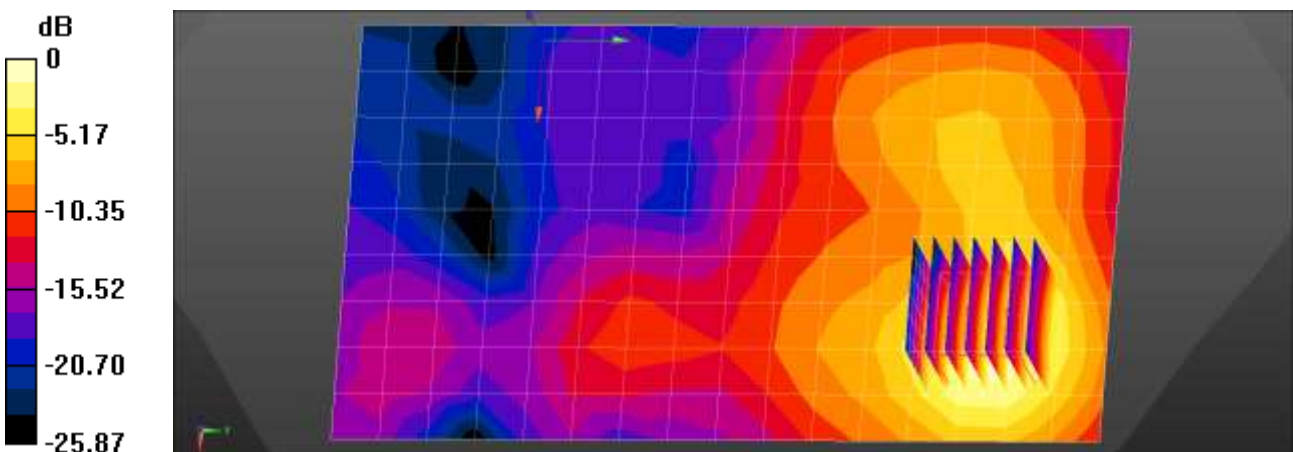
802.11b BodyWorn Rear 1Mbps 11ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.214 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.420 W/kg

SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.104 W/kg

Maximum value of SAR (measured) = 0.342 W/kg



0 dB = 0.288 W/kg = -5.40 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 20.4 °C
Ambient Temperature: 20.6 °C
Test Date: 07/29/2021
Plot No.: 32

DUT: SM-M526B/DS; Type: Bar;

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5270 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 5270$ MHz; $\sigma = 4.667$ S/m; $\epsilon_r = 36.261$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(5.3, 5.3, 5.3) @ 5270 MHz; Calibrated: 2021-03-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn466; Calibrated: 2021-04-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt)
- Measurement SW: DASY52, Version 52.10 (4)

802.11n40 BodyWorn Rear MCS0 54ch/Area Scan (12x20x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.723 W/kg

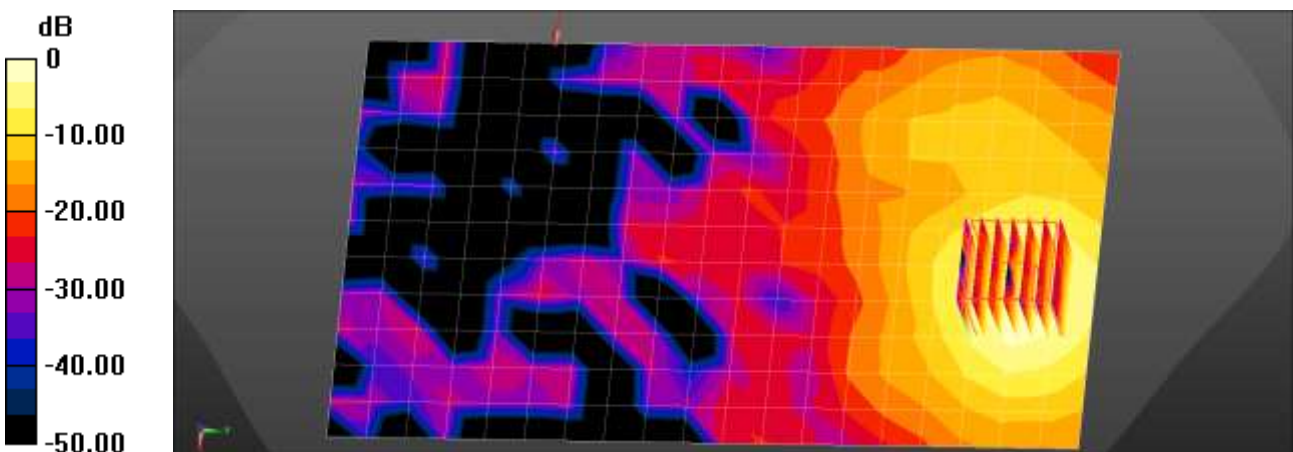
802.11n40 BodyWorn Rear MCS0 54ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.723 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.18 W/kg

SAR(1 g) = 0.323 W/kg; SAR(10 g) = 0.119 W/kg

Maximum value of SAR (measured) = 0.733 W/kg



0 dB = 0.723 W/kg = -1.41 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 19.0 °C
Ambient Temperature: 19.1 °C
Test Date: 08/04/2021
Plot No.: 33

DUT: SM-M526B/DS; Type: Bar;

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz;Duty Cycle: 1:1.302
Medium parameters used (interpolated): $f = 2441$ MHz; $\sigma = 1.815$ S/m; $\epsilon_r = 37.921$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3797; ConvF(7.34, 7.34, 7.34) @ 2441 MHz; Calibrated: 2020-11-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1686; Calibrated: 2021-06-21
- Phantom: SAM with CRP v5.0(Front)
- Measurement SW: DASY52, Version 52.10 (4)

Bluetooth BodyWorn Rear DH5 39ch/Area Scan (10x17x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.0477 W/kg

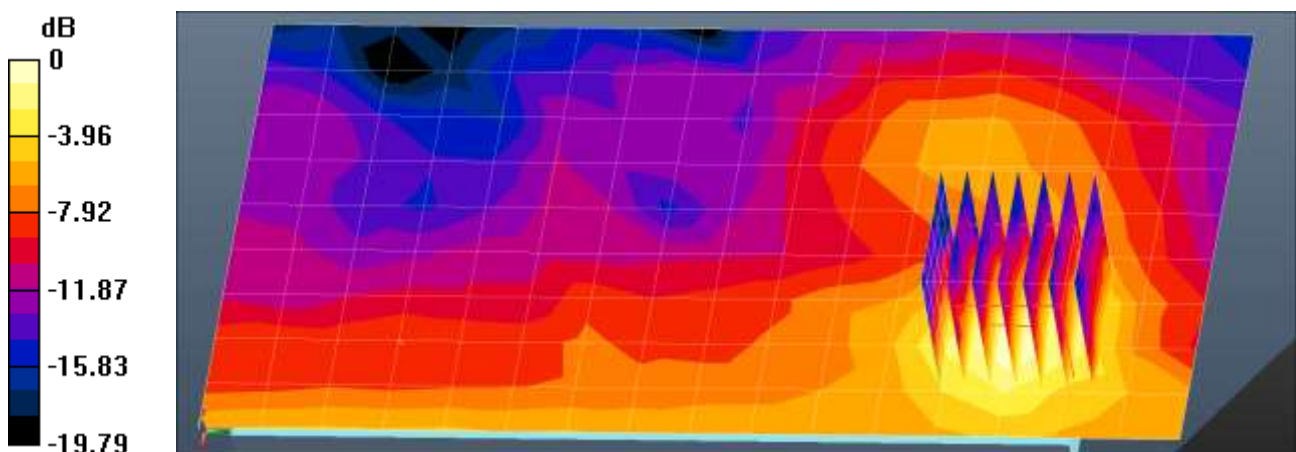
Bluetooth BodyWorn Rear DH5 39ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.713 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.0630 W/kg

SAR(1 g) = 0.029 W/kg; SAR(10 g) = 0.013 W/kg

Maximum value of SAR (measured) = 0.0486 W/kg



0 dB = 0.0477 W/kg = -13.21 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Liquid Temperature: 20.2 °C
 Ambient Temperature: 20.3°C
 Test Date: 07/20/2021
 Plot No.: 34

DUT: SM-M526B/DS; Type: Bar;

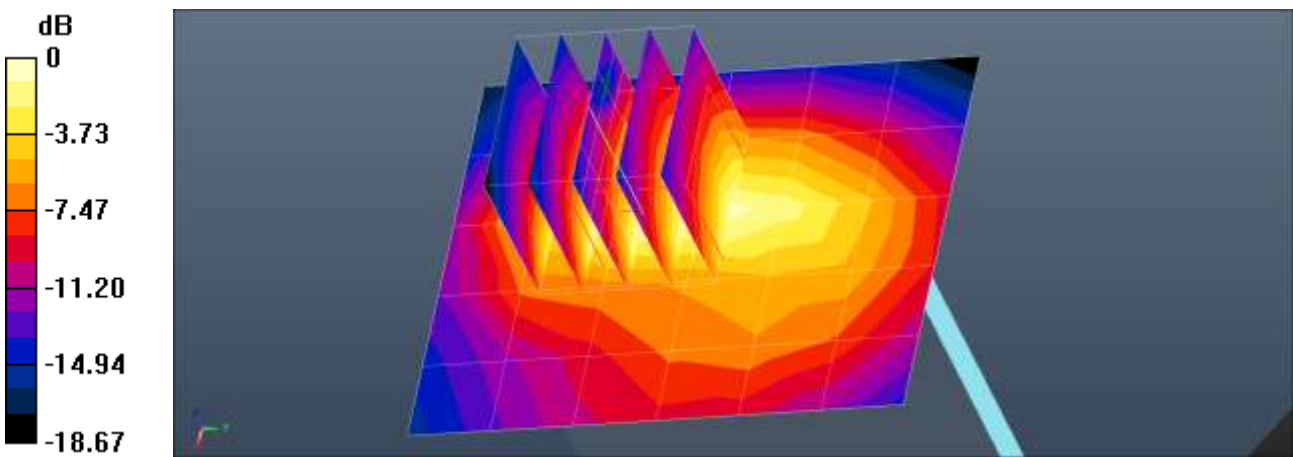
Communication System: UID 0, GSM850 GPRS 2TX (0); Frequency: 836.6 MHz; Duty Cycle: 1:4.14954
 Medium parameters used (interpolated): $f = 836.6 \text{ MHz}$; $\sigma = 0.93 \text{ S/m}$; $\epsilon_r = 42.298$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3797; ConvF(9.04, 9.04, 9.04) @ 836.6 MHz; Calibrated: 2020-11-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2021-06-02
- Phantom: SAM_Right_20170913
- Measurement SW: DASY52, Version 52.10 (4)

GSM850 2Tx Body Bottom 190ch/Area Scan (6x7x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.271 W/kg

GSM850 2Tx Body Bottom 190ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 15.24 V/m; Power Drift = 0.11 dB
 Peak SAR (extrapolated) = 0.363 W/kg
SAR(1 g) = 0.187 W/kg; SAR(10 g) = 0.102 W/kg
 Maximum value of SAR (measured) = 0.281 W/kg



0 dB = 0.281 W/kg = -5.51 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 20.4 °C
Ambient Temperature: 20.5 °C
Test Date: 08/13/2021
Plot No.: 35

DUT: SM-M526B/DS; Type: Bar;

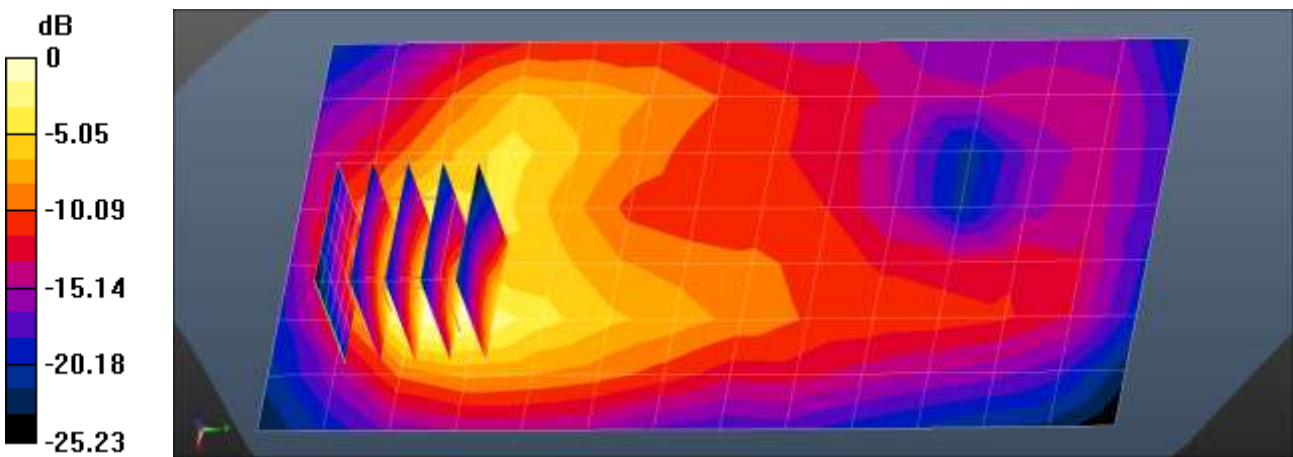
Communication System: UID 0, GSM 1900 2TX (0); Frequency: 1850.2 MHz; Duty Cycle: 1:4.14954
Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.407$ S/m; $\epsilon_r = 40.852$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3797; ConvF(7.83, 7.83, 7.83) @ 1850.2 MHz; Calibrated: 2020-11-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2021-06-02
- Phantom: SAM_Left_20170913
- Measurement SW: DASY52, Version 52.10 (4)

GSM1900 2Tx Body Rear 512ch/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.11 W/kg

GSM1900 2Tx Body Rear 512ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.685 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.87 W/kg
SAR(1 g) = 0.897 W/kg; SAR(10 g) = 0.421 W/kg
Maximum value of SAR (measured) = 1.52 W/kg



0 dB = 1.11 W/kg = 0.47 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 22.6 °C
Ambient Temperature: 22.8 °C
Test Date: 07/22/2021
Plot No.: 36

DUT: SM-M526B/DS; Type: Bar;

Communication System: UID 0, WCDMA850 (0); Frequency: 836.6 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.929$ S/m; $\epsilon_r = 42.278$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3797; ConvF(9.04, 9.04, 9.04) @ 836.6 MHz; Calibrated: 2020-11-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2021-06-02
- Phantom: SAM_Right_20170913
- Measurement SW: DASY52, Version 52.10 (4)

UMTS Band 5 Body Front 4183ch/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.287 W/kg

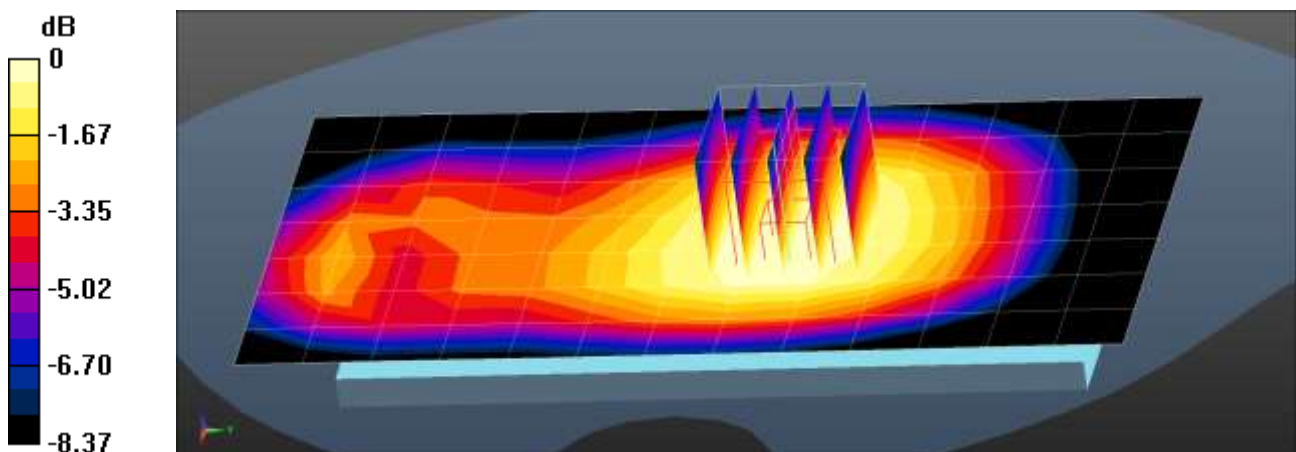
UMTS Band 5 Body Front 4183ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.75 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.320 W/kg

SAR(1 g) = 0.242 W/kg; SAR(10 g) = 0.186 W/kg

Maximum value of SAR (measured) = 0.291 W/kg



0 dB = 0.291 W/kg = -5.36 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 20.4 °C
Ambient Temperature: 20.5 °C
Test Date: 08/16/2021
Plot No.: 37

DUT: SM-M526B/DS; Type: Bar;

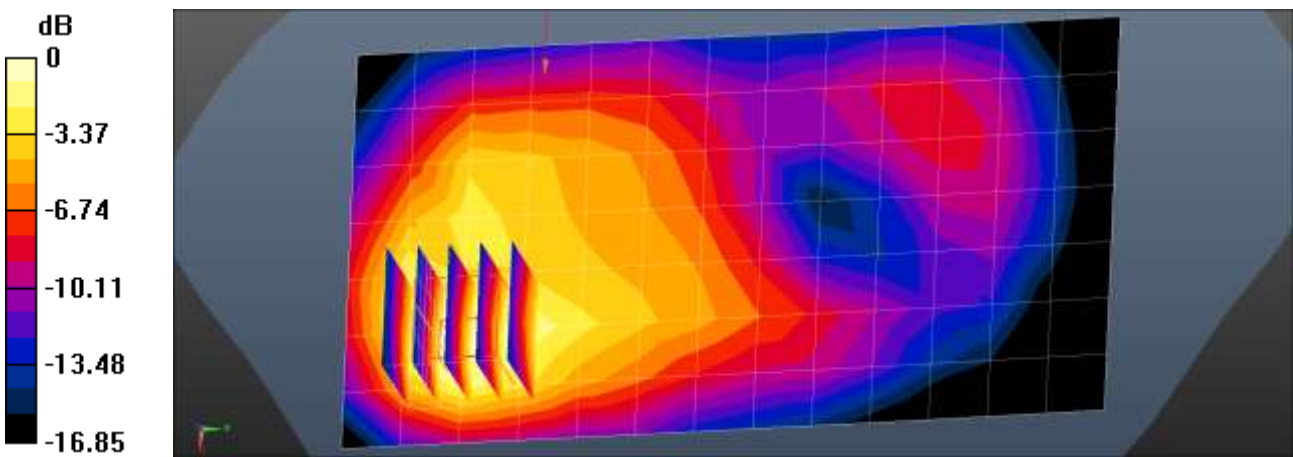
Communication System: UID 0, WCDMA IV (0); Frequency: 1732.4 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 1732.4$ MHz; $\sigma = 1.309$ S/m; $\epsilon_r = 41.43$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3797; ConvF(8.06, 8.06, 8.06) @ 1732.4 MHz; Calibrated: 2020-11-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2021-06-02
- Phantom: SAM_Left_20170913
- Measurement SW: DASY52, Version 52.10 (4)

UMTS Band 4 Body Rear 1412ch/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.442 W/kg

UMTS Band 4 Body Rear 1412ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.065 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.571 W/kg
SAR(1 g) = 0.315 W/kg; SAR(10 g) = 0.177 W/kg
Maximum value of SAR (measured) = 0.466 W/kg



0 dB = 0.466 W/kg = -3.32 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 20.4 °C
Ambient Temperature: 20.5 °C
Test Date: 08/16/2021
Plot No.: 38

DUT: SM-M526B/DS; Type: Bar;

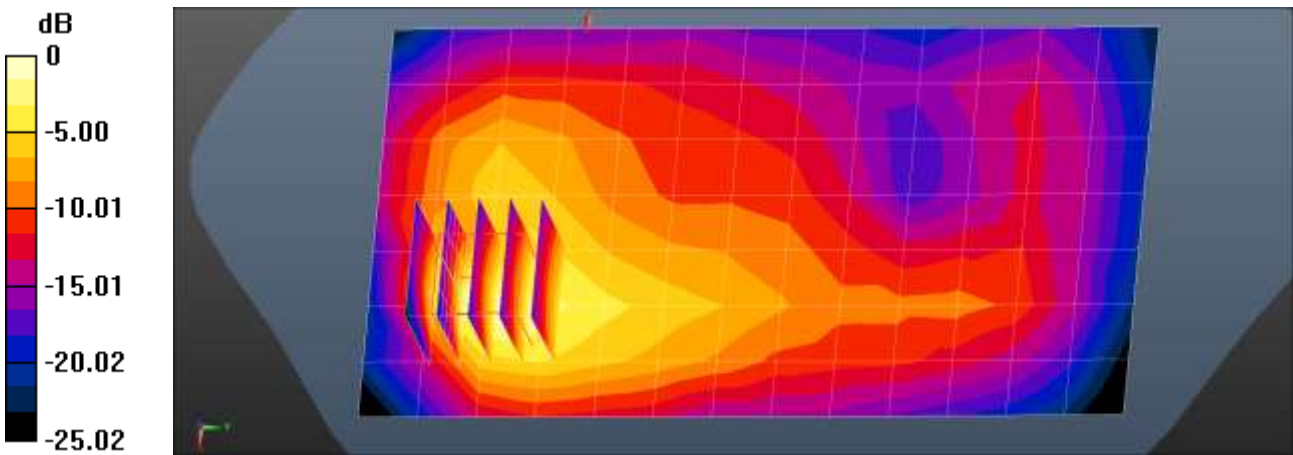
Communication System: UID 0, WCDMA1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.377$ S/m; $\epsilon_r = 40.92$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3797; ConvF(7.83, 7.83, 7.83) @ 1880 MHz; Calibrated: 2020-11-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2021-06-02
- Phantom: SAM_Left_20170913
- Measurement SW: DASY52, Version 52.10 (4)

UMTS Band 2 Body Rear 9400ch/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 1.09 W/kg

UMTS Band 2 Body Rear 9400ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.920 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 1.39 W/kg
SAR(1 g) = 0.619 W/kg; SAR(10 g) = 0.293 W/kg
Maximum value of SAR (measured) = 1.12 W/kg



0 dB = 1.12 W/kg = 0.49 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 20.3 °C
Ambient Temperature: 20.5 °C
Test Date: 08/13/2021
Plot No.: 39

DUT: SM-M526B/DS; Type: Bar;

Communication System: UID 0, LTE Band2 (0); Frequency: 1860 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 1860$ MHz; $\sigma = 1.358$ S/m; $\epsilon_r = 41.405$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(8.58, 8.58, 8.58) @ 1860 MHz; Calibrated: 2021-03-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn466; Calibrated: 2021-04-23
- Phantom: Twin-SAM V5.0 (20deg probe tilt)
- Measurement SW: DASY52, Version 52.10 (4)

LTE Band 2 Body Rear QPSK 20MHz 100RB 0offset 18700ch/Area Scan (8x14x1): Measurement grid:

$dx=15$ mm, $dy=15$ mm

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

LTE Band 2 Body Rear QPSK 20MHz 100RB 0offset 18700ch/Zoom Scan (5x5x7)/Cube 0:

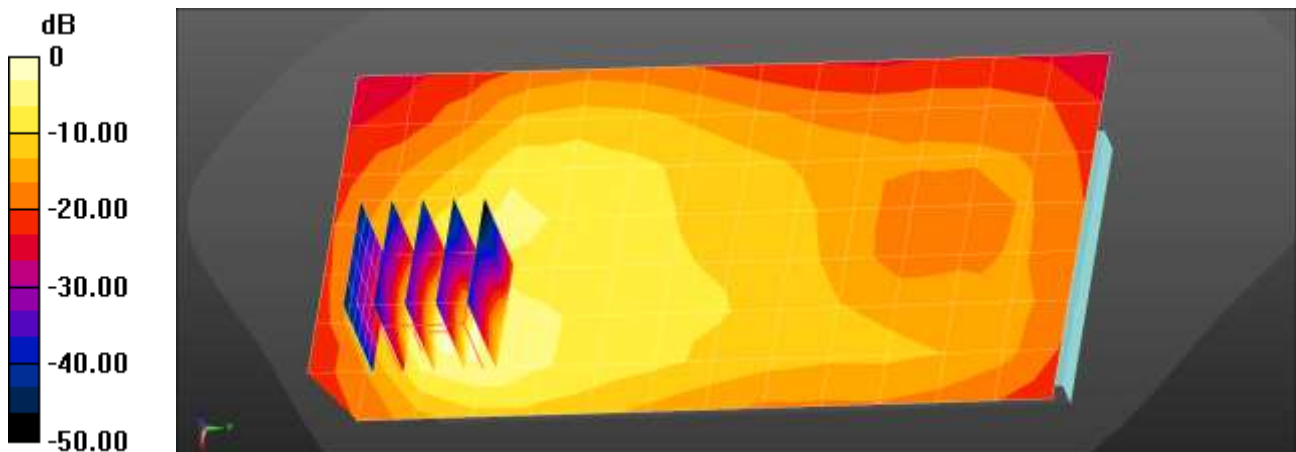
Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 8.977 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.75 W/kg

SAR(1 g) = 0.825 W/kg; SAR(10 g) = 0.371 W/kg

Maximum value of SAR (measured) = 1.22 W/kg



0 dB = 1.24 W/kg = 0.92 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 20.3 °C
Ambient Temperature: 20.5 °C
Test Date: 08/15/2021
Plot No.: 40

DUT: SM-M526B/DS; Type: Bar;

Communication System: UID 0, LTE Band 5 (0); Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.936$ S/m; $\epsilon_r = 40.583$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(9.75, 9.75, 9.75) @ 836.5 MHz; Calibrated: 2021-03-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn466; Calibrated: 2021-04-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt)
- Measurement SW: DASY52, Version 52.10 (4)

LTE Band 5 Body Rear QPSK 10MHz 1RB 49offset 20525ch/Area Scan (8x14x1): Measurement grid:

$dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.340 W/kg

LTE Band 5 Body Rear QPSK 10MHz 1RB 49offset 20525ch/Zoom Scan (5x5x7)/Cube 0: Measurement

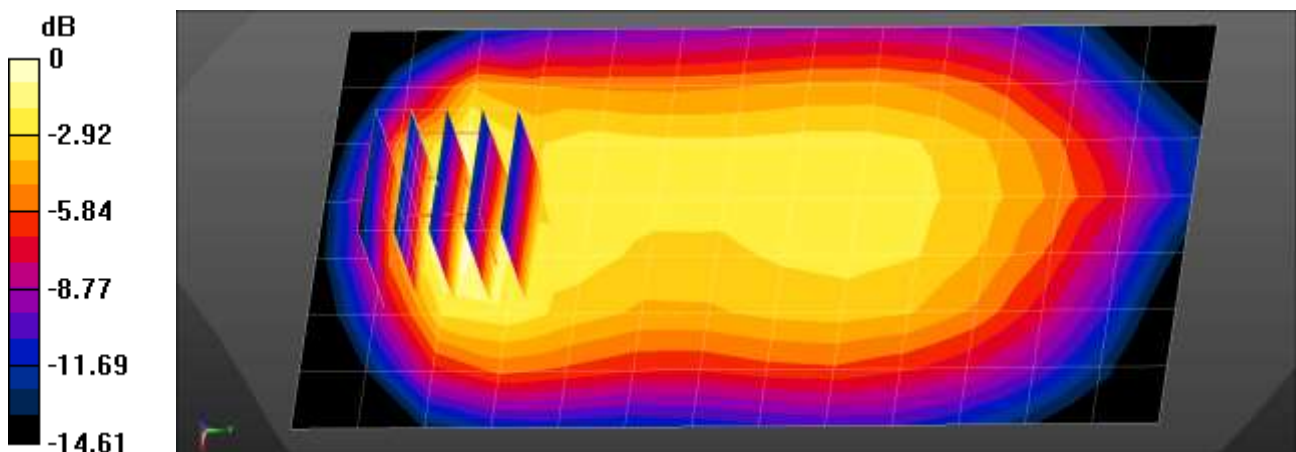
grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.35 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.440 W/kg

SAR(1 g) = 0.228 W/kg; SAR(10 g) = 0.129 W/kg

Maximum value of SAR (measured) = 0.352 W/kg



0 dB = 0.352 W/kg = -4.53 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Liquid Temperature: 20.1 °C
 Ambient Temperature: 20.3 °C
 Test Date: 08/17/2021
 Plot No.: 41

DUT: SM-M526B/DS; Type: Bar;

Communication System: UID 0, LTE 12 (0); Frequency: 707.5 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 707.5 \text{ MHz}$; $\sigma = 0.884 \text{ S/m}$; $\epsilon_r = 43.098$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(9.95, 9.95, 9.95) @ 707.5 MHz; Calibrated: 2021-03-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn466; Calibrated: 2021-04-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt)
- Measurement SW: DASY52, Version 52.10 (4)

LTE Band 12 Body Rear QPSK 10MHz 1RB 49offset 23095ch/Area Scan (8x15x1): Measurement grid:

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

Maximum value of SAR (measured) = 0.328 W/kg

LTE Band 12 Body Rear QPSK 10MHz 1RB 49offset 23095ch/Zoom Scan (5x5x7)/Cube

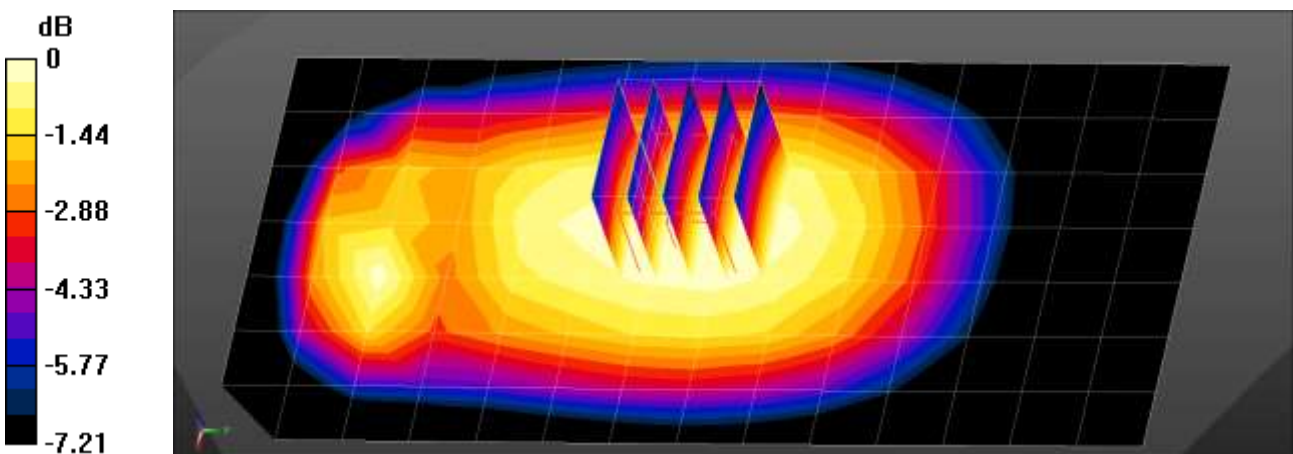
0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 20.22 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.350 W/kg

SAR(1 g) = 0.281 W/kg; SAR(10 g) = 0.222 W/kg

Maximum value of SAR (measured) = 0.328 W/kg



0 dB = 0.328 W/kg = -4.84 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 20.3 °C
Ambient Temperature: 20.4 °C
Test Date: 08/16/2021
Plot No.: 42

DUT: SM-M526B/DS; Type: Bar;

Communication System: UID 0, LTE 26 (0); Frequency: 831.5 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 831.5$ MHz; $\sigma = 0.912$ S/m; $\epsilon_r = 40.304$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(9.75, 9.75, 9.75) @ 831.5 MHz; Calibrated: 2021-03-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn466; Calibrated: 2021-04-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt)
- Measurement SW: DASY52, Version 52.10 (4)

LTE Band 26 Body Front QPSK 15MHz 1RB 0offset 26865ch/Area Scan (8x15x1): Measurement grid:

$dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.218 W/kg

LTE Band 26 Body Front QPSK 15MHz 1RB 0offset 26865ch/Zoom Scan (5x5x7)/Cube 0: Measurement

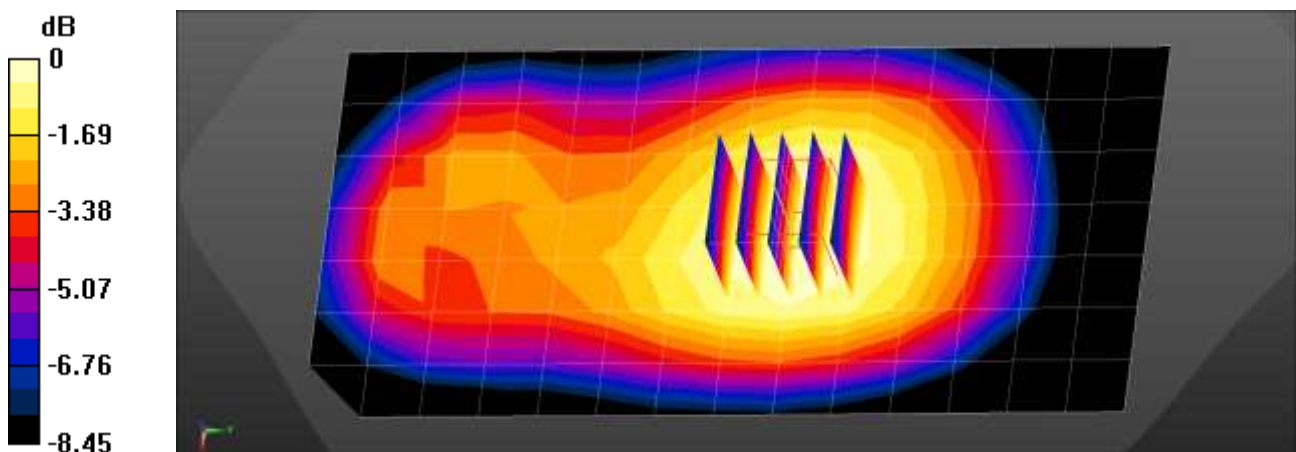
grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.90 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.240 W/kg

SAR(1 g) = 0.182 W/kg; SAR(10 g) = 0.138 W/kg

Maximum value of SAR (measured) = 0.220 W/kg



0 dB = 0.220 W/kg = -6.58 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 20.2 °C
Ambient Temperature: 20.4 °C
Test Date: 08/16/2021
Plot No.: 43

DUT: SM-M526B/DS; Type: Bar;

Communication System: UID 0, LTE Band 41 (0); Frequency: 2680 MHz;Duty Cycle: 1:1.58016
Medium parameters used: $f = 2680$ MHz; $\sigma = 2.037$ S/m; $\epsilon_r = 38.41$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(8.28, 8.28, 8.28) @ 2680 MHz; Calibrated: 2021-05-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1687; Calibrated: 2021-06-21
- Phantom: SAM with CRP v5.0(Front)
- Measurement SW: DASY52, Version 52.10 (4)

LTE Band 41 Body Rear QPSK 20MHz 50RB 0offset 41490ch/Area Scan (10x16x1): Measurement grid:

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

Maximum value of SAR (measured) = 0.774 W/kg

LTE Band 41 Body Rear QPSK 20MHz 50RB 0offset 41490ch/Zoom Scan (7x7x7)/Cube 0:

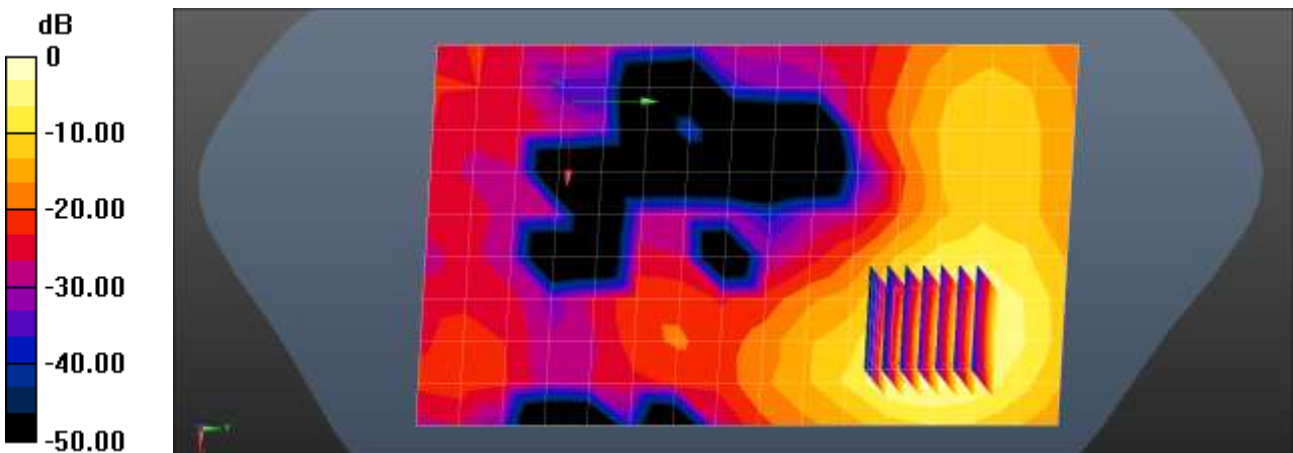
Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

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

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.466 W/kg; SAR(10 g) = 0.217 W/kg

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



0 dB = 0.774 W/kg = -1.11 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Liquid Temperature: 21.2 °C
 Ambient Temperature: 21.2 °C
 Test Date: 08/15/2021
 Plot No.: 44

DUT: SM-M526B/DS; Type: Bar;

Communication System: UID 0, LTE Band66 (0); Frequency: 1720 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1720 \text{ MHz}$; $\sigma = 1.341 \text{ S/m}$; $\epsilon_r = 41.505$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(8.8, 8.8, 8.8) @ 1720 MHz; Calibrated: 2021-03-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn466; Calibrated: 2021-04-23
- Phantom: Twin-SAM V5.0 (20deg probe tilt)
- Measurement SW: DASY52, Version 52.10 (4)

LTE Band 66 Body Front QPSK 20MHz 1RB 0offset 132072ch/Area Scan (8x14x1): Measurement grid:

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

Maximum value of SAR (measured) = 0.206 W/kg

LTE Band 66 Body Front QPSK 20MHz 1RB 0offset 132072ch/Zoom Scan (5x5x7)/Cube 0:

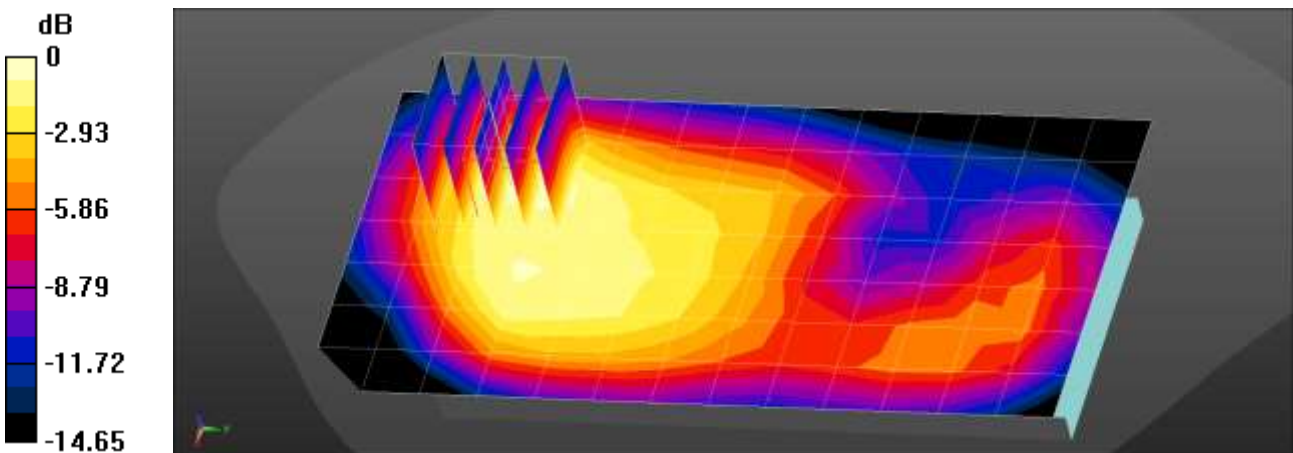
Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.332 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.257 W/kg

SAR(1 g) = 0.150 W/kg; SAR(10 g) = 0.090 W/kg

Maximum value of SAR (measured) = 0.211 W/kg



0 dB = 0.211 W/kg = -6.76 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 20.7 °C
Ambient Temperature: 20.8 °C
Test Date: 07/27/2021
Plot No.: 45

DUT: SM-M526B/DS; Type: Bar;

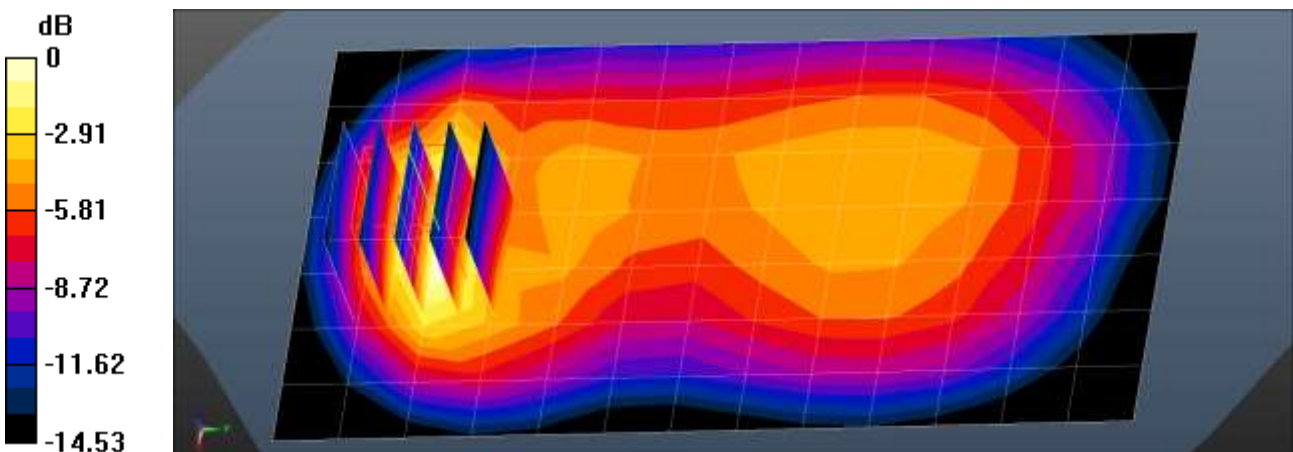
Communication System: UID 0, NR n5 (0); Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.929$ S/m; $\epsilon_r = 42.288$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3797; ConvF(9.04, 9.04, 9.04) @ 836.5 MHz; Calibrated: 2020-11-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2021-06-02
- Phantom: SAM_Right_20170913
- Measurement SW: DASY52, Version 52.10 (4)

NR Band n5 Body Rear DFT-s QPSK 20MHz 1RB 53offset 167300ch/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.684 W/kg

NR Band n5 Body Rear DFT-s QPSK 20MHz 1RB 53offset 167300ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.38 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.907 W/kg
SAR(1 g) = 0.490 W/kg; SAR(10 g) = 0.269 W/kg
Maximum value of SAR (measured) = 0.722 W/kg



0 dB = 0.722 W/kg = -1.41 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Liquid Temperature: 20.4 °C
 Ambient Temperature: 20.6 °C
 Test Date: 08/11/2021
 Plot No.: 46

DUT: SM-M526B/DS; Type: Bar;

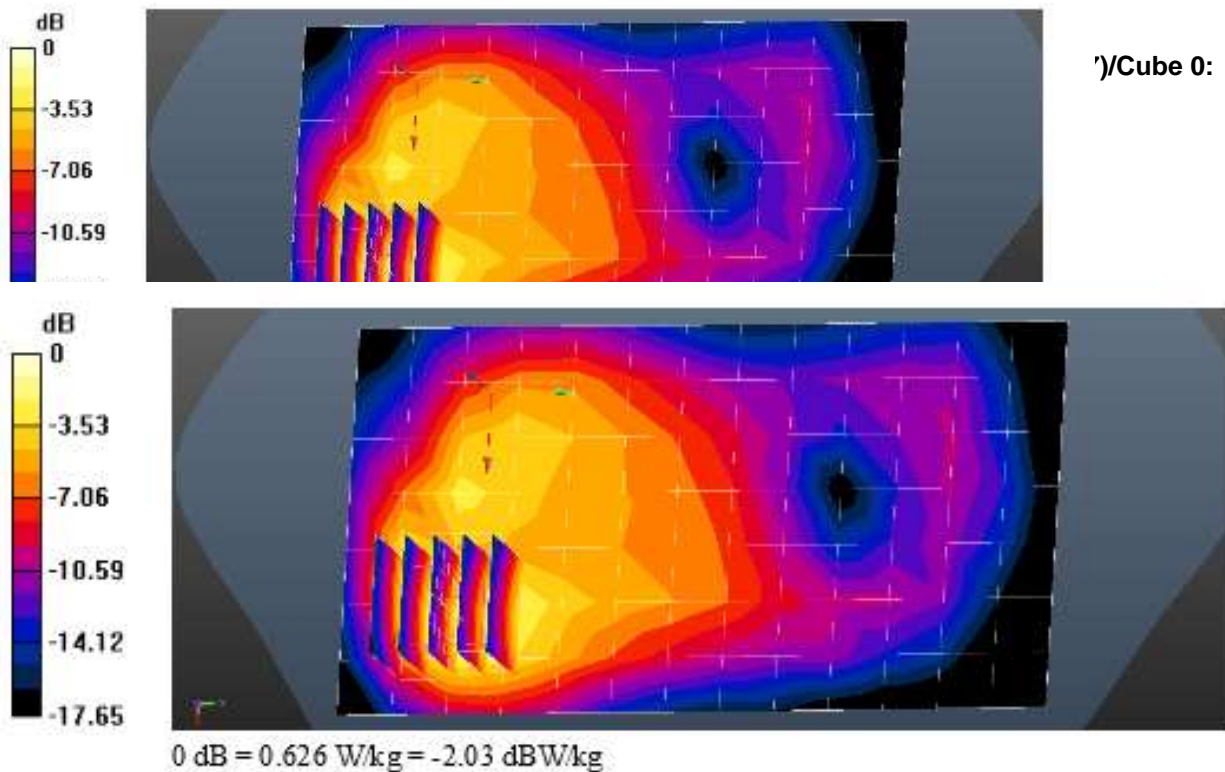
Communication System: UID 0, n66 (0); Frequency: 1770 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.341$ S/m; $\epsilon_r = 41.21$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3797; ConvF(8.06, 8.06, 8.06) @ 1770 MHz; Calibrated: 2020-11-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1686; Calibrated: 2021-06-21
- Phantom: SAM_Left_20170913
- Measurement SW: DASY52, Version 52.10 (4)

NR Band n66 Body Rear DFT-s QPSK 20MHz 1RB 53offset 354000ch/Area Scan (8x14x1):

Measurement grid: dx=15mm, dy=15mm



Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 21.1 °C
Ambient Temperature: 21.2 °C
Test Date: 07/28/2021
Plot No.: 47

DUT: SM-M526B/DS; Type: Bar;

Communication System: UID 0, 2450MHz FCC (0); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 1.84$ S/m; $\epsilon_r = 38.335$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(7.78, 7.78, 7.78) @ 2462 MHz; Calibrated: 2021-03-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn466; Calibrated: 2021-04-23
- Phantom: Twin-SAM V4.0 (20deg probe tilt)_1588_20200429
- Measurement SW: DASY52, Version 52.10 (4)

802.11b Body Rear 1Mbps 11ch/Area Scan (10x17x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.761 W/kg

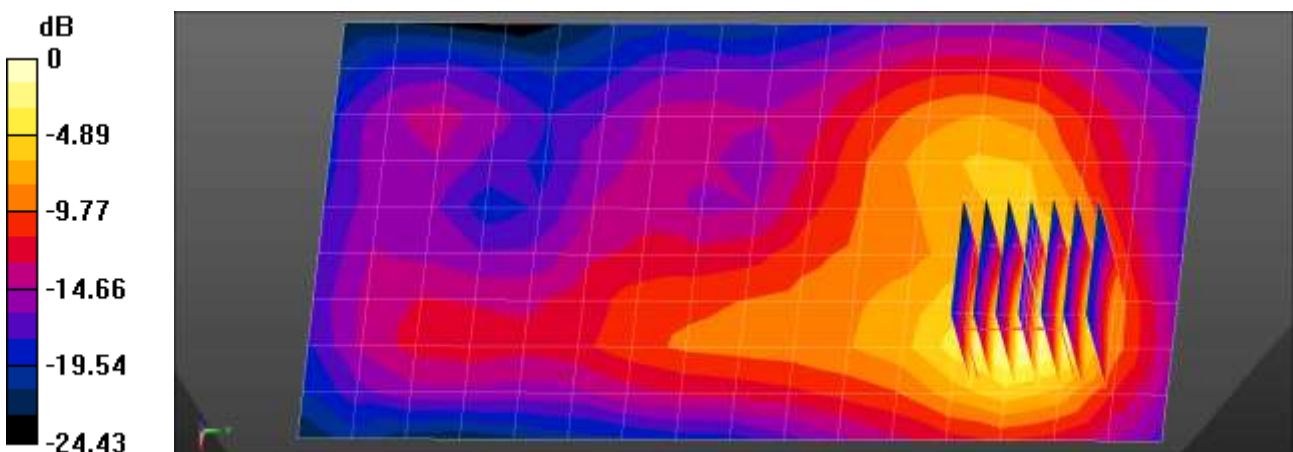
802.11b Body Rear 1Mbps 11ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.873 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.539 W/kg; SAR(10 g) = 0.238 W/kg

Maximum value of SAR (measured) = 0.961 W/kg



0 dB = 0.947 W/kg = -0.23 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 20.7 °C
Ambient Temperature: 20.8 °C
Test Date: 07/30/2021
Plot No.: 48

DUT: SM-M526B/DS; Type: Bar;

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5795 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 5795$ MHz; $\sigma = 5.137$ S/m; $\epsilon_r = 35.978$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(5.04, 5.04, 5.04) @ 5795 MHz; Calibrated: 2021-03-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn466; Calibrated: 2021-04-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt)
- Measurement SW: DASY52, Version 52.10 (4)

802.11n40 Body Top MCS0 159ch/Area Scan (9x11x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.375 W/kg

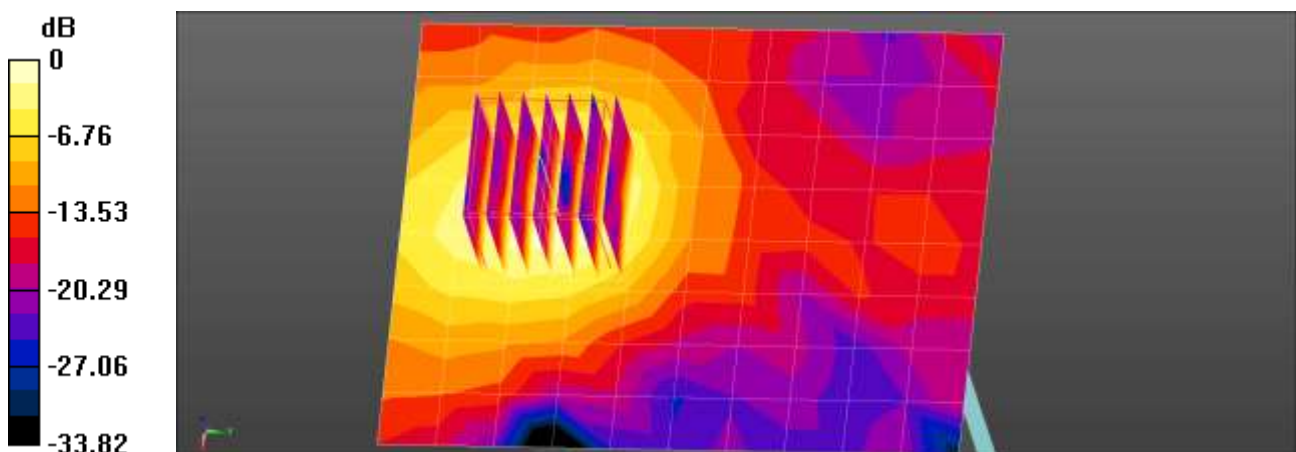
802.11n40 Body Top MCS0 159ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.552 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.823 W/kg

SAR(1 g) = 0.191 W/kg; SAR(10 g) = 0.070 W/kg

Maximum value of SAR (measured) = 0.458 W/kg



0 dB = 0.458 W/kg = -3.39 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Liquid Temperature: 19.0 °C
 Ambient Temperature: 19.1 °C
 Test Date: 08/04/2021
 Plot No.: 49

DUT: SM-M526B/DS; Type: Bar;

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.302
 Medium parameters used (interpolated): $f = 2441 \text{ MHz}$; $\sigma = 1.815 \text{ S/m}$; $\epsilon_r = 37.921$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3797; ConvF(7.34, 7.34, 7.34) @ 2441 MHz; Calibrated: 2020-11-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1686; Calibrated: 2021-06-21
- Phantom: SAM with CRP v5.0(Front)
- Measurement SW: DASY52, Version 52.10 (4)

Bluetooth Body Rear DH5 39ch/Area Scan (10x17x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 0.211 W/kg

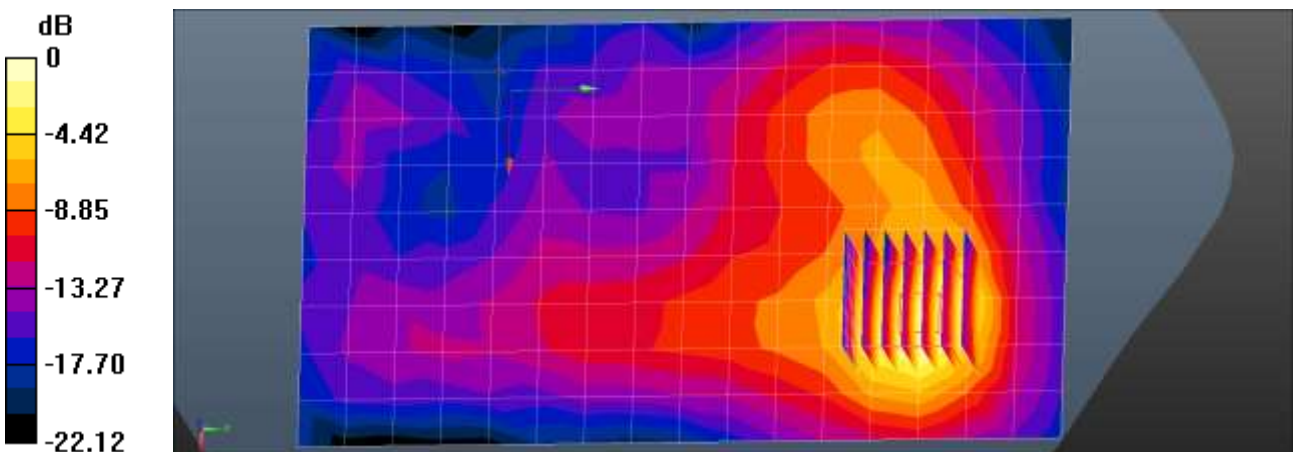
Bluetooth Body Rear DH5 39ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.084 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.322 W/kg

SAR(1 g) = 0.145 W/kg; SAR(10 g) = 0.063 W/kg

Maximum value of SAR (measured) = 0.253 W/kg



0 dB = 0.211 W/kg = -6.75 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 20.5 °C
Ambient Temperature: 20.7 °C
Test Date: 08/14/2021
Plot No.: 50

DUT: SM-M526B/DS; Type: Bar;

Communication System: UID 0, GSM 1900 2TX (0); Frequency: 1880 MHz;Duty Cycle: 1:4.14954
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.373$ 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) @ 1880 MHz; Calibrated: 2021-07-28
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1686; Calibrated: 2021-06-21
- Phantom: SAM_Left_20170913
- Measurement SW: DASY52, Version 52.10 (4)

GSM1900 2Tx Phablet Rear 661ch/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 4.37 W/kg

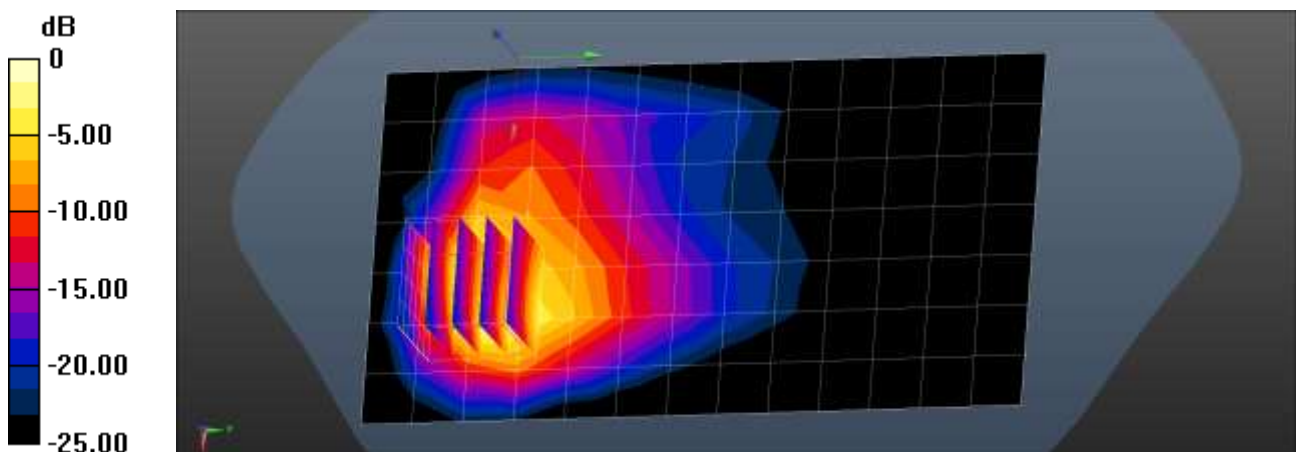
GSM1900 2Tx Phablet Rear 661ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.167 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 8.99 W/kg

SAR(1 g) = 3.27 W/kg; SAR(10 g) = 1.45 W/kg

Maximum value of SAR (measured) = 5.78 W/kg



0 dB = 5.78 W/kg = 7.62 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 20.4 °C
Ambient Temperature: 20.5 °C
Test Date: 08/17/2021
Plot No.: 51

DUT: SM-M526B/DS; Type: Bar;

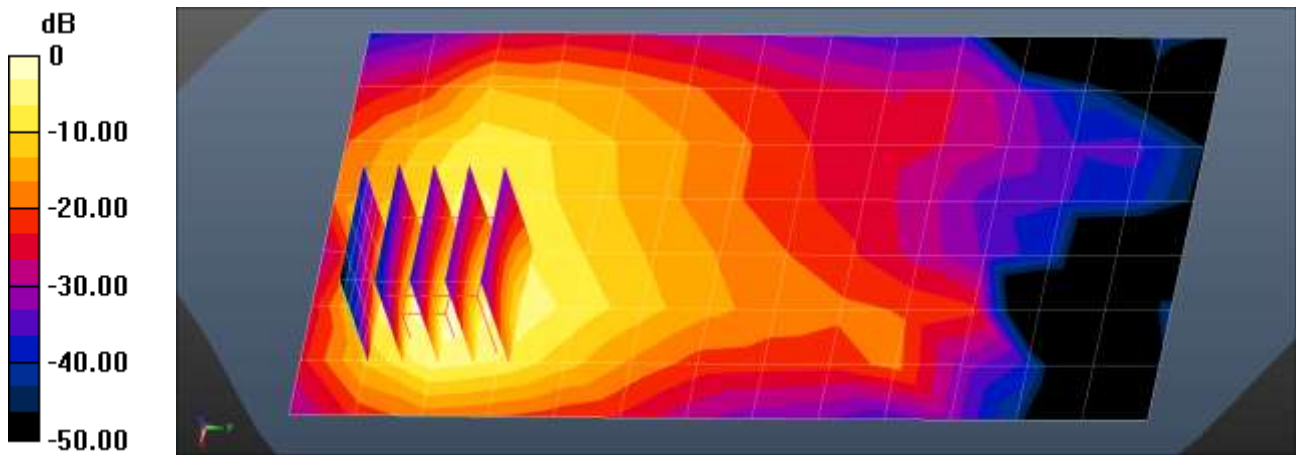
Communication System: UID 0, WCDMA1900 (0); Frequency: 1880 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 1880$ MHz; $\sigma = 1.395$ S/m; $\epsilon_r = 40.874$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3797; ConvF(7.83, 7.83, 7.83) @ 1880 MHz; Calibrated: 2020-11-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2021-06-02
- Phantom: SAM_Left_20170913
- Measurement SW: DASY52, Version 52.10 (4)

UMTS Band 2 Phablet Rear 9400ch/Area Scan (8x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 3.76 W/kg

UMTS Band 2 Phablet Rear 9400ch/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.224 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 6.37 W/kg
SAR(1 g) = 2.31 W/kg; SAR(10 g) = 1.02 W/kg
Maximum value of SAR (measured) = 3.67 W/kg



0 dB = 3.76 W/kg = 5.76 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 20.5 °C
Ambient Temperature: 20.7 °C
Test Date: 08/14/2021
Plot No.: 52

DUT: SM-M526B/DS; Type: Bar;

Communication System: UID 0, LTE Band2 (0); Frequency: 1860 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 1860$ MHz; $\sigma = 1.407$ S/m; $\epsilon_r = 41.39$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(8.58, 8.58, 8.58) @ 1860 MHz; Calibrated: 2021-03-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn466; Calibrated: 2021-04-23
- Phantom: Twin-SAM V5.0 (20deg probe tilt)
- Measurement SW: DASY52, Version 52.10 (4)

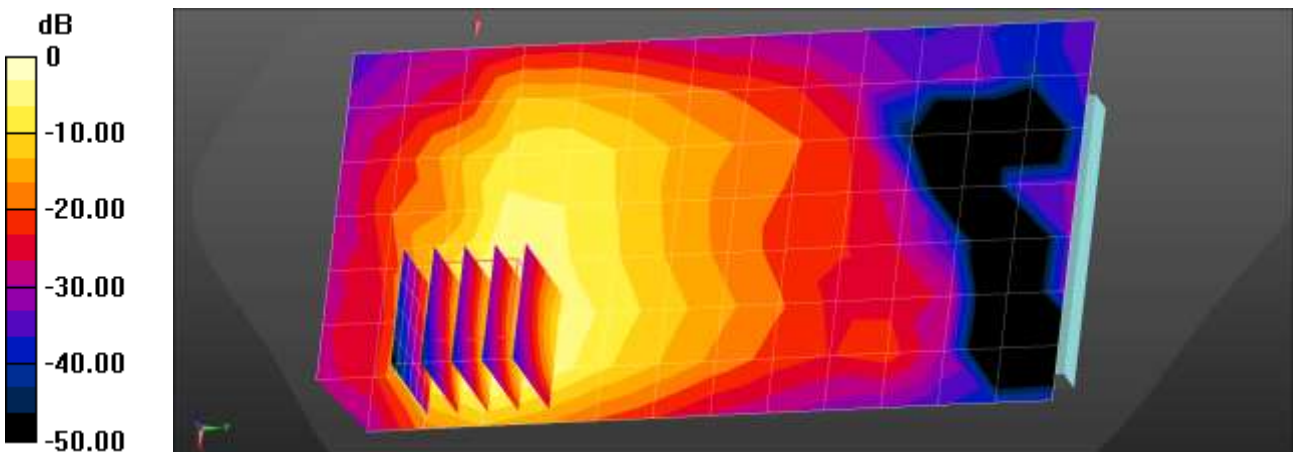
LTE Band 2 Phablet Rear QPSK 20MHz 50RB 0offset 18700ch/Area Scan (8x14x1): Measurement grid:
dx=15mm, dy=15mm

Maximum value of SAR (measured) = 4.10 W/kg

LTE Band 2 Phablet Rear QPSK 20MHz 50RB 0offset 18700ch/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.083 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 8.23 W/kg

SAR(1 g) = 3.13 W/kg; SAR(10 g) = 1.45 W/kg
Maximum value of SAR (measured) = 5.59 W/kg



0 dB = 4.10 W/kg = 6.13 dBW/kg

Test Laboratory: HCT CO., LTD
 EUT Type: Mobile Phone
 Liquid Temperature: 20.3 °C
 Ambient Temperature: 20.5 °C
 Test Date: 08/17/2021
 Plot No.: 53

DUT: SM-M526B/DS; Type: Bar;

Communication System: UID 0, LTE Band 41 (0); Frequency: 2680 MHz; Duty Cycle: 1:1.58016
 Medium parameters used: $f = 2680$ MHz; $\sigma = 2.043$ S/m; $\epsilon_r = 37.447$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

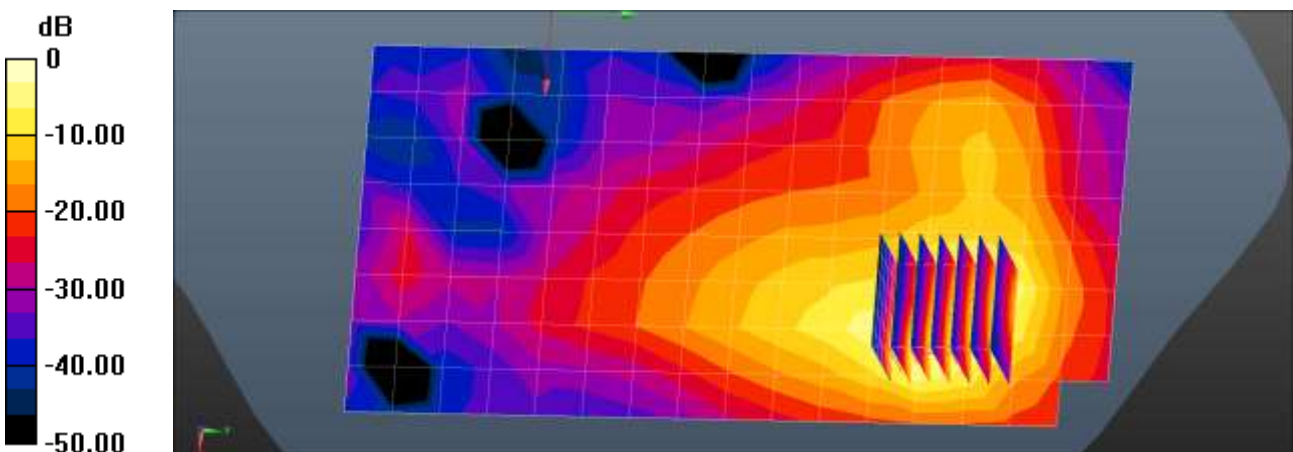
- Probe: EX3DV4 - SN3797; ConvF(7.22, 7.22, 7.22) @ 2680 MHz; Calibrated: 2020-11-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1686; Calibrated: 2021-06-21
- Phantom: SAM with CRP v5.0(Front)
- Measurement SW: DASY52, Version 52.10 (4)

LTE Band 41 Phablet Rear QPSK 20MHz 50RB 0offset 41490ch/Area Scan (9x17x1): Measurement grid: dx=12mm, dy=12mm

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

LTE Band 41 Phablet Rear QPSK 20MHz 50RB 0offset 41490ch/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm
 Reference Value = 4.033 V/m; Power Drift = 0.09 dB
 Peak SAR (extrapolated) = 12.5 W/kg
SAR(1 g) = 3.45 W/kg; SAR(10 g) = 1.21 W/kg
 Maximum value of SAR (measured) = 8.70 W/kg



0 dB = 4.47 W/kg = 6.51 dBW/kg

Test Laboratory: HCT CO., LTD
EUT Type: Mobile Phone
Liquid Temperature: 20.4 °C
Ambient Temperature: 20.6 °C
Test Date: 07/29/2021
Plot No.: 54

DUT: SM-M526B/DS; Type: Bar;

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5270 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 5270$ MHz; $\sigma = 4.667$ S/m; $\epsilon_r = 36.261$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(5.3, 5.3, 5.3) @ 5300 MHz; Calibrated: 2021-03-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn466; Calibrated: 2021-04-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt)
- Measurement SW: DASY52, Version 52.10 (4)

802.11a Phablet Rear 6Mbps 60ch/Area Scan (12x20x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 11.7 W/kg

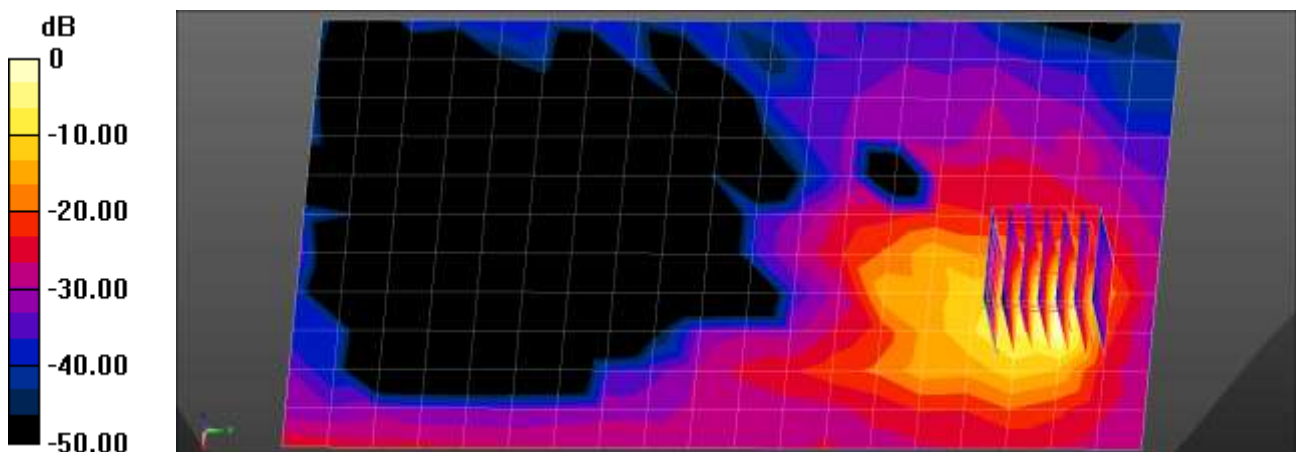
802.11a Phablet Rear 6Mbps 60ch/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.241 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 56.3 W/kg

SAR(1 g) = 7.85 W/kg; SAR(10 g) = 1.41 W/kg

Maximum value of SAR (measured) = 27.8 W/kg



0 dB = 27.8 W/kg = 14.44 dBW/kg

Appendix C. – Dipole Verification Plots

Verification Data (750 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 20.1 °C
Test Date: 08/17/2021

DUT: Dipole 750 MHz D750V3; Type: D750V3;

Communication System: UID 0, CW (0); Frequency: 750 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 750 \text{ MHz}$; $\sigma = 0.9 \text{ S/m}$; $\epsilon_r = 42.948$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(9.95, 9.95, 9.95) @ 750 MHz; Calibrated: 2021-03-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn466; Calibrated: 2021-04-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt)
- Measurement SW: DASY52, Version 52.10 (4)

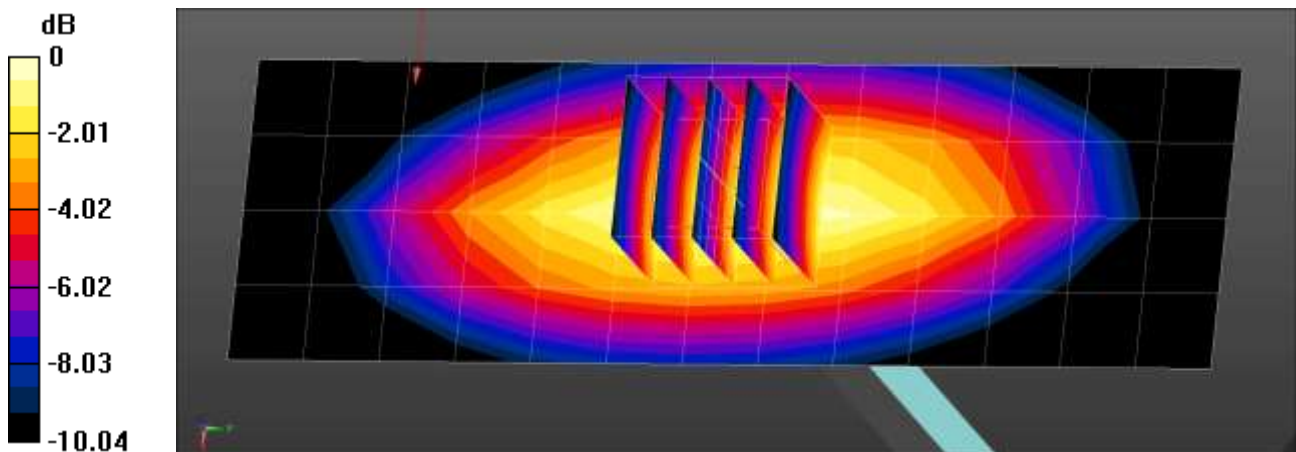
Dipole/750MHz Head Verification/Area Scan (5x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.540 W/kg

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

Reference Value = 26.22 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.608 W/kg

SAR(1 g) = 0.421 W/kg; SAR(10 g) = 0.281 W/kg

Maximum value of SAR (measured) = 0.550 W/kg



0 dB = 0.550 W/kg = -2.60 dBW/kg

Verification Data (835 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 20.2 °C
Test Date: 07/20/2021

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; $\sigma = 0.929$ S/m; $\epsilon_r = 42.325$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3797; ConvF(9.04, 9.04, 9.04) @ 835 MHz; Calibrated: 2020-11-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2021-06-02
- Phantom: SAM_Right_20170913
- Measurement SW: DASY52, Version 52.10 (4)

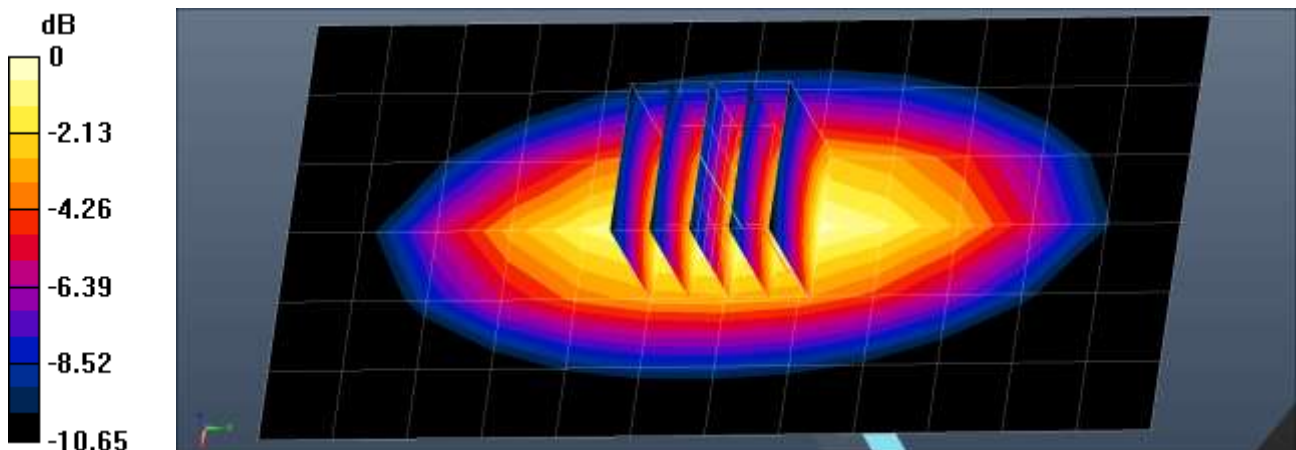
Dipole/835MHz Head Verification/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.637 W/kg

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

Reference Value = 27.60 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.715 W/kg

SAR(1 g) = 0.476 W/kg; SAR(10 g) = 0.313 W/kg

Maximum value of SAR (measured) = 0.634 W/kg



0 dB = 0.634 W/kg = -1.98 dBW/kg

Verification Data (835 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 22.6 °C
Test Date: 07/22/2021

DUT: Dipole 835 MHz D835V2; Type: D835V2;

Communication System: UID 0, CW (0); Frequency: 835 MHz;Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 835 \text{ MHz}$; $\sigma = 0.928 \text{ S/m}$; $\epsilon_r = 42.298$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3797; ConvF(9.04, 9.04, 9.04) @ 835 MHz; Calibrated: 2020-11-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2021-06-02
- Phantom: SAM_Right_20170913
- Measurement SW: DASY52, Version 52.10 (4)

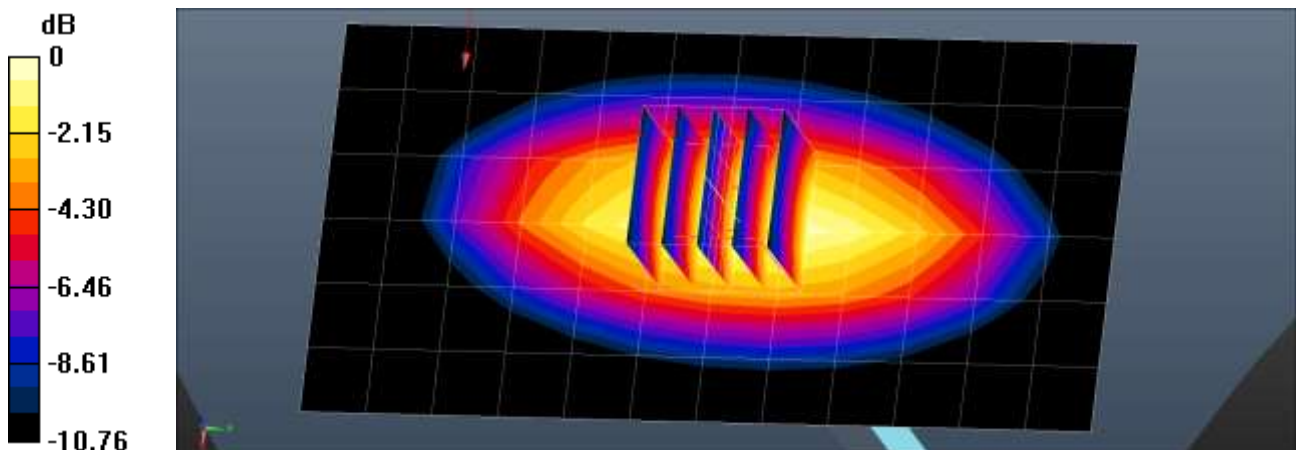
Dipole/835MHz Head Verification/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.612 W/kg

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

Reference Value = 27.00 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.704 W/kg

SAR(1 g) = 0.467 W/kg; SAR(10 g) = 0.307 W/kg

Maximum value of SAR (measured) = 0.626 W/kg



0 dB = 0.626 W/kg = -2.03 dBW/kg

Verification Data (835 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 20.3 °C
Test Date: 08/15/2021

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; $\sigma = 0.935$ S/m; $\epsilon_r = 40.607$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(9.75, 9.75, 9.75) @ 835 MHz; Calibrated: 2021-03-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn466; Calibrated: 2021-04-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt)
- Measurement SW: DASY52, Version 52.10 (4)

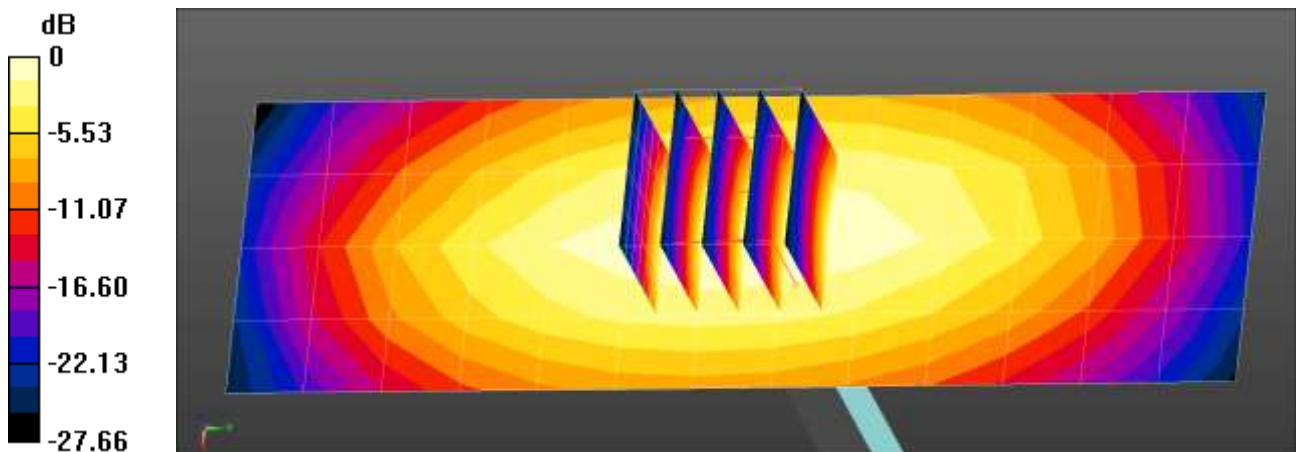
Dipole/835MHz Head Verification/Area Scan (5x14x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.644 W/kg

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

Reference Value = 27.71 V/m; Power Drift = 0.01dB
Peak SAR (extrapolated) = 0.746 W/kg

SAR(1 g) = 0.494 W/kg; SAR(10 g) = 0.323 W/kg

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



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

Verification Data (835 MHz Head)

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 20.3 °C
 Test Date: 08/16/2021

DUT: Dipole 835 MHz D835V2; Type: D835V2;

Communication System: UID 0, CW (0); Frequency: 835 MHz; Duty Cycle: 1:1
 Medium parameters used (interpolated): $f = 835 \text{ MHz}$; $\sigma = 0.914 \text{ S/m}$; $\epsilon_r = 40.272$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(9.75, 9.75, 9.75) @ 835 MHz; Calibrated: 2021-03-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn466; Calibrated: 2021-04-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt)
- Measurement SW: DASY52, Version 52.10 (4)

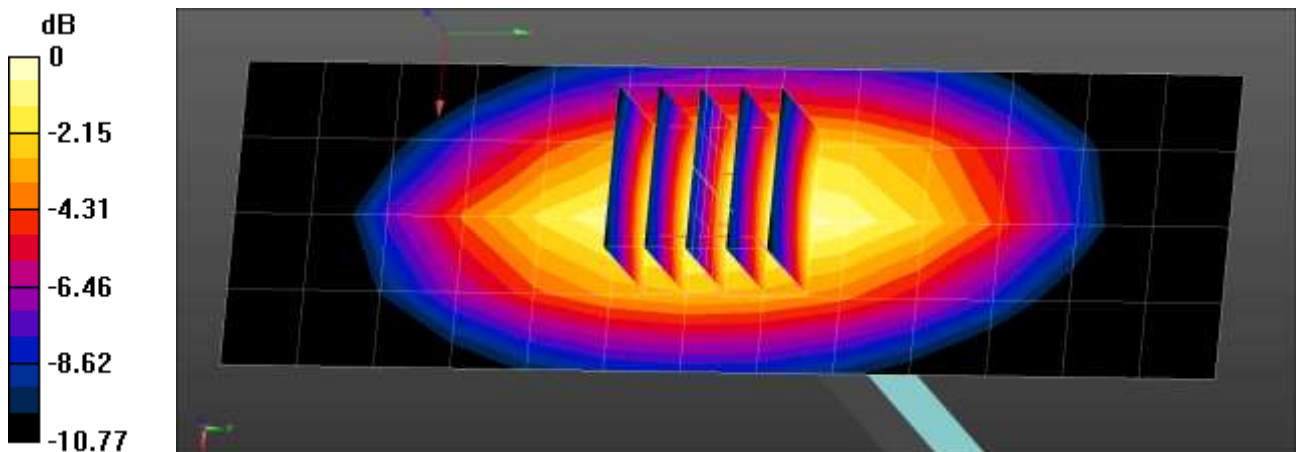
Dipole/835MHz Head Verification/Area Scan (5x14x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 0.632 W/kg

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

Reference Value = 27.81 V/m; Power Drift = 0.01 dB
 Peak SAR (extrapolated) = 0.730 W/kg

SAR(1 g) = 0.483 W/kg; SAR(10 g) = 0.317 W/kg

Maximum value of SAR (measured) = 0.647 W/kg



0 dB = 0.647 W/kg = -1.89 dBW/kg

Verification Data (835 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 20.7 °C
Test Date: 07/27/2021

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; $\sigma = 0.928$ S/m; $\epsilon_r = 42.3$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3797; ConvF(9.04, 9.04, 9.04) @ 835 MHz; Calibrated: 2020-11-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2021-06-02
- Phantom: SAM_Right_20170913
- Measurement SW: DASY52, Version 52.10 (4)

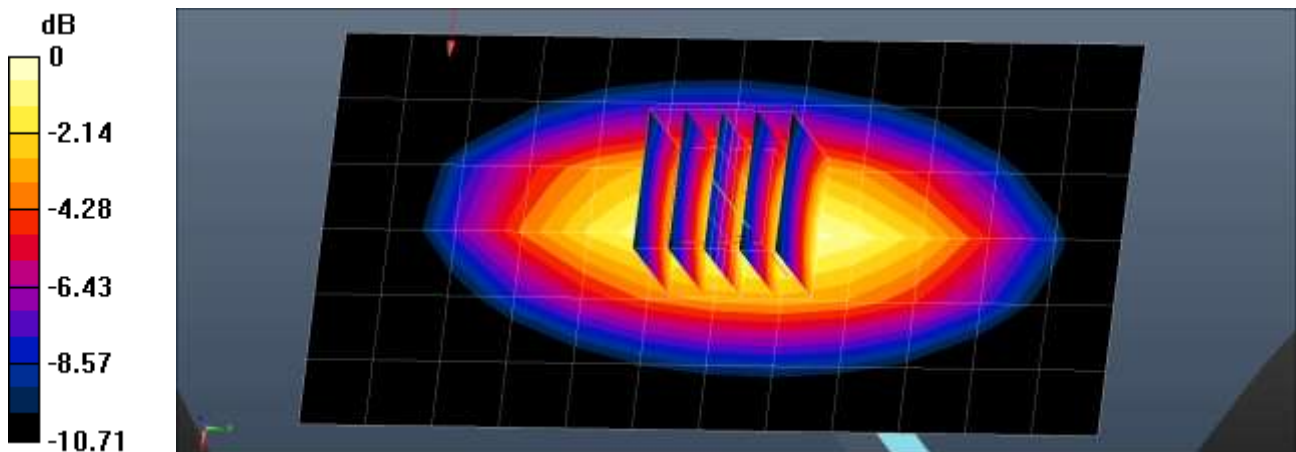
Dipole/835MHz Head Verification/Area Scan (7x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.615 W/kg

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

Reference Value = 27.12 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.706 W/kg

SAR(1 g) = 0.467 W/kg; SAR(10 g) = 0.307 W/kg

Maximum value of SAR (measured) = 0.627 W/kg



0 dB = 0.627 W/kg = -2.03 dBW/kg

Verification Data (1 800 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 20.4 °C
Test Date: 08/16/2021

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; $\sigma = 1.383$ S/m; $\epsilon_r = 41.1$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3797; ConvF(8.06, 8.06, 8.06) @ 1800 MHz; Calibrated: 2020-11-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2021-06-02
- Phantom: SAM_Left_20170913
- Measurement SW: DASY52, Version 52.10 (4)

Dipole/1800MHz Head Verification/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.85 W/kg

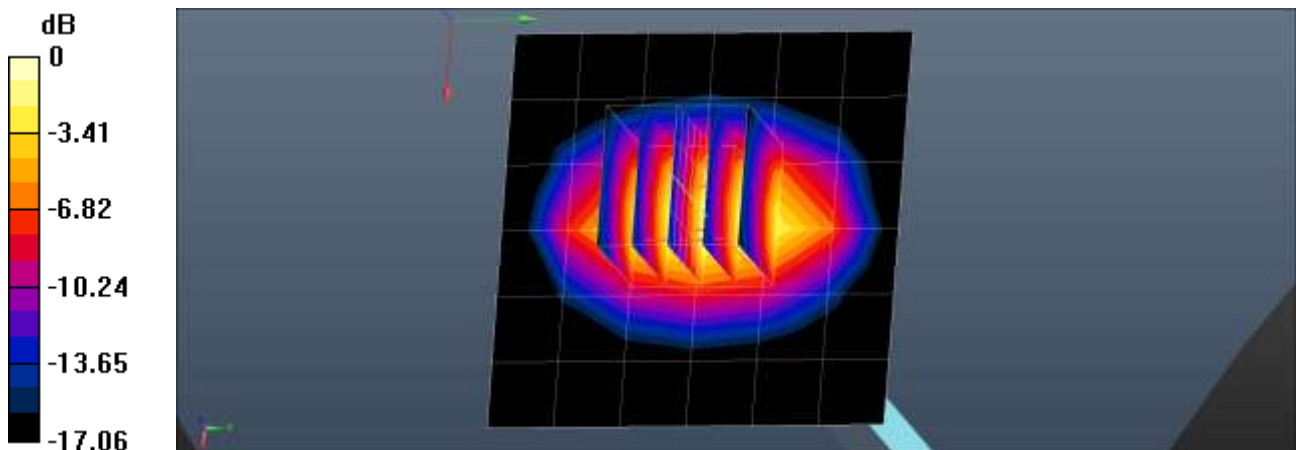
Dipole/1800MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 46.92 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 3.54 W/kg

SAR(1 g) = 1.93 W/kg; SAR(10 g) = 1.01 W/kg

Maximum value of SAR (measured) = 2.97 W/kg



0 dB = 2.97 W/kg = 4.73 dBW/kg

Verification Data (1 800 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 21.2 °C
Test Date: 08/15/2021

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; $\sigma = 1.416$ S/m; $\epsilon_r = 41.15$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(8.8, 8.8, 8.8) @ 1800 MHz; Calibrated: 2021-03-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn466; Calibrated: 2021-04-23
- Phantom: Twin-SAM V5.0 (20deg probe tilt)
- Measurement SW: DASY52, Version 52.10 (4)

Dipole/1800MHz Head Verification/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.79 W/kg

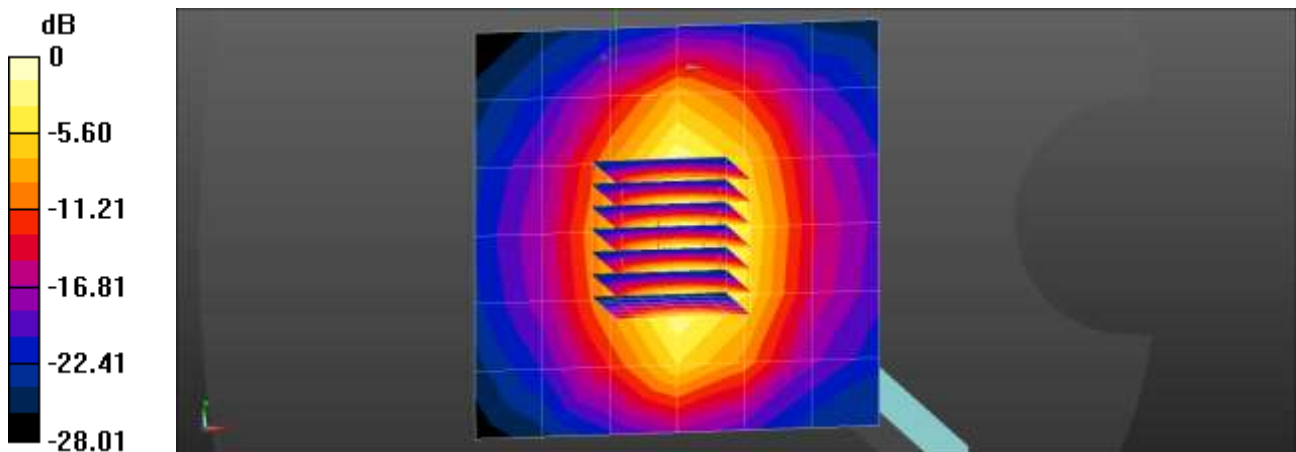
Dipole/1800MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 45.85 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 3.47 W/kg

SAR(1 g) = 1.9 W/kg; SAR(10 g) = 1.02 W/kg

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



0 dB = 2.79 W/kg = 4.46 dBW/kg

Verification Data (1 800 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 20.4 °C
Test Date: 08/11/2021

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; $\sigma = 1.379$ S/m; $\epsilon_r = 41.119$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3797; ConvF(8.06, 8.06, 8.06) @ 1800 MHz; Calibrated: 2020-11-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1686; Calibrated: 2021-06-21
- Phantom: SAM_Left_20170913
- Measurement SW: DASY52, Version 52.10 (4)

Dipole/1800MHz Head Verification/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.78 W/kg

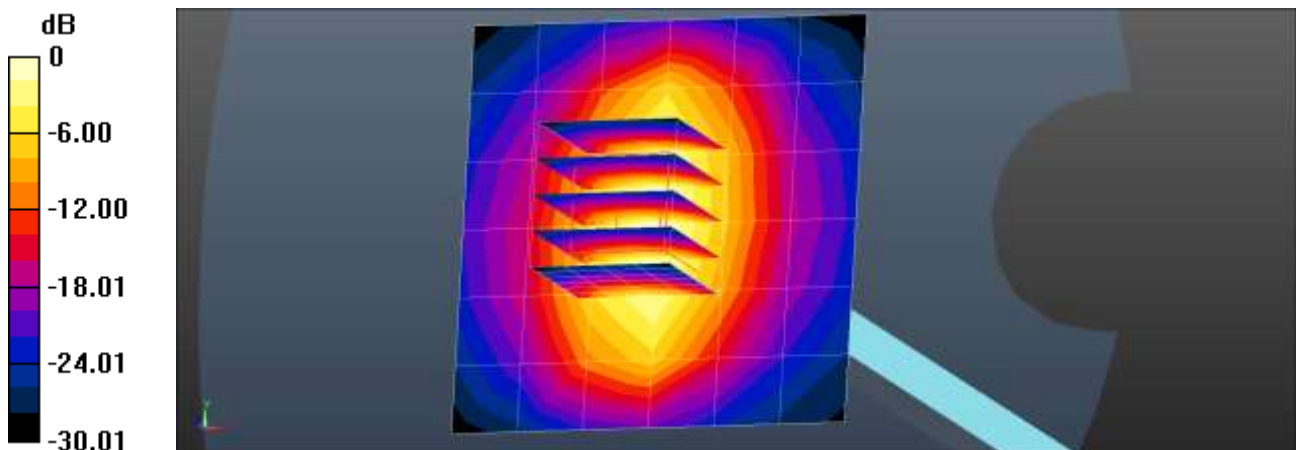
Dipole/1800MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 46.67 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 3.36 W/kg

SAR(1 g) = 1.84 W/kg; SAR(10 g) = 0.965 W/kg

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



0 dB = 2.78 W/kg = 4.44 dBW/kg

Verification Data (1 900 MHz Head)

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 20.4 °C
 Test Date: 08/13/2021

DUT: Dipole 1900 MHz D1900V2; Type: D1900V2;

Communication System: UID 0, CW (0); Frequency: 1900 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.387 \text{ S/m}$; $\epsilon_r = 40.634$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3797; ConvF(7.83, 7.83, 7.83) @ 1900 MHz; Calibrated: 2020-11-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2021-06-02
- Phantom: SAM_Left_20170913
- Measurement SW: DASY52, Version 52.10 (4)

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

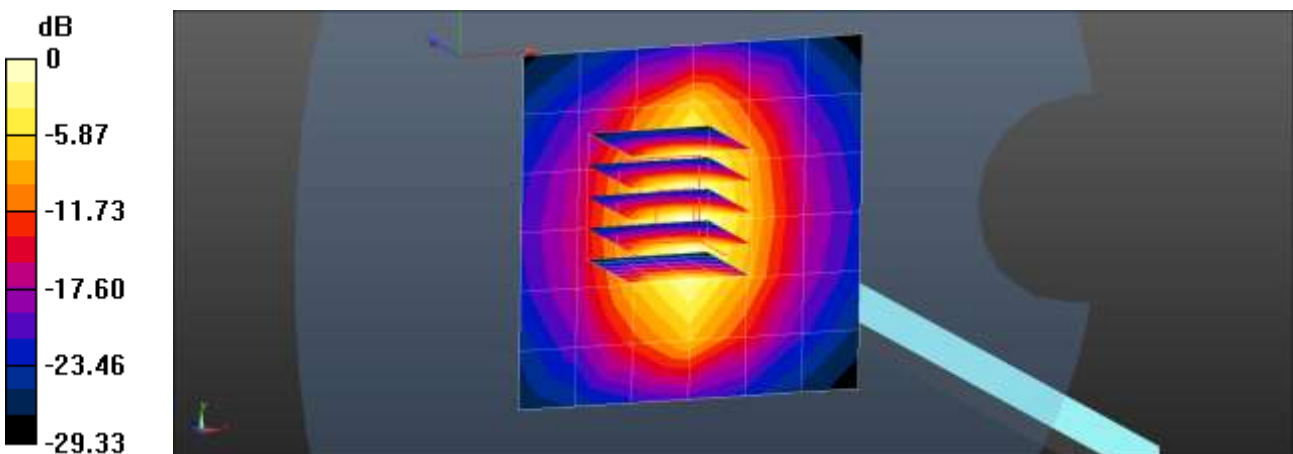
Dipole/1900MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 48.69 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.72 W/kg

SAR(1 g) = 1.96 W/kg; SAR(10 g) = 1.02 W/kg

Maximum value of SAR (measured) = 3.10 W/kg



0 dB = 3.06 W/kg = 4.86 dBW/kg

Verification Data (1 900 MHz Head)

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 20.4 °C
 Test Date: 08/16/2021

DUT: Dipole 1900 MHz D1900V2; Type: D1900V2;

Communication System: UID 0, CW (0); Frequency: 1900 MHz;Duty Cycle: 1:1
 Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.395 \text{ S/m}$; $\epsilon_r = 40.872$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3797; ConvF(7.83, 7.83, 7.83) @ 1900 MHz; Calibrated: 2020-11-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2021-06-02
- Phantom: SAM_Left_20170913
- Measurement SW: DASY52, Version 52.10 (4)

Dipole/1900MHz Head Verification/Area Scan (7x7x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$
 Maximum value of SAR (measured) = 3.08 W/kg

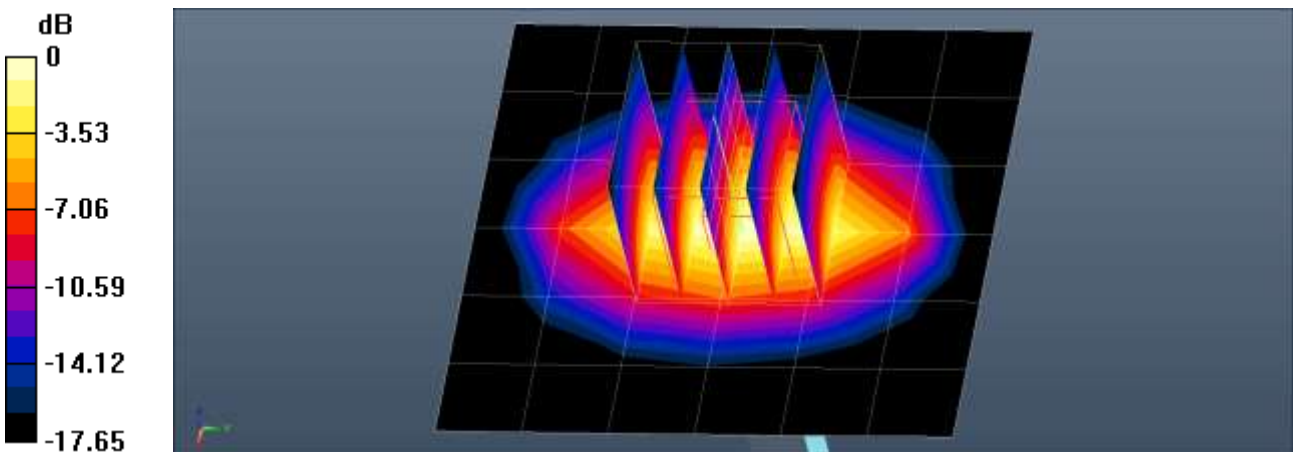
Dipole/1900MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 48.50 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 3.72 W/kg

SAR(1 g) = 1.97 W/kg; SAR(10 g) = 1.02 W/kg

Maximum value of SAR (measured) = 3.11 W/kg



0 dB = 3.11 W/kg = 4.93 dBW/kg

Verification Data (1 900 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 20.3 °C
Test Date: 08/13/2021

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; $\sigma = 1.385$ S/m; $\epsilon_r = 41.241$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(8.58, 8.58, 8.58) @ 1900 MHz; Calibrated: 2021-03-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn466; Calibrated: 2021-04-23
- Phantom: Twin-SAM V5.0 (20deg probe tilt)
- Measurement SW: DASY52, Version 52.10 (4)

Dipole/1900MHz Head Verification/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 2.86 W/kg

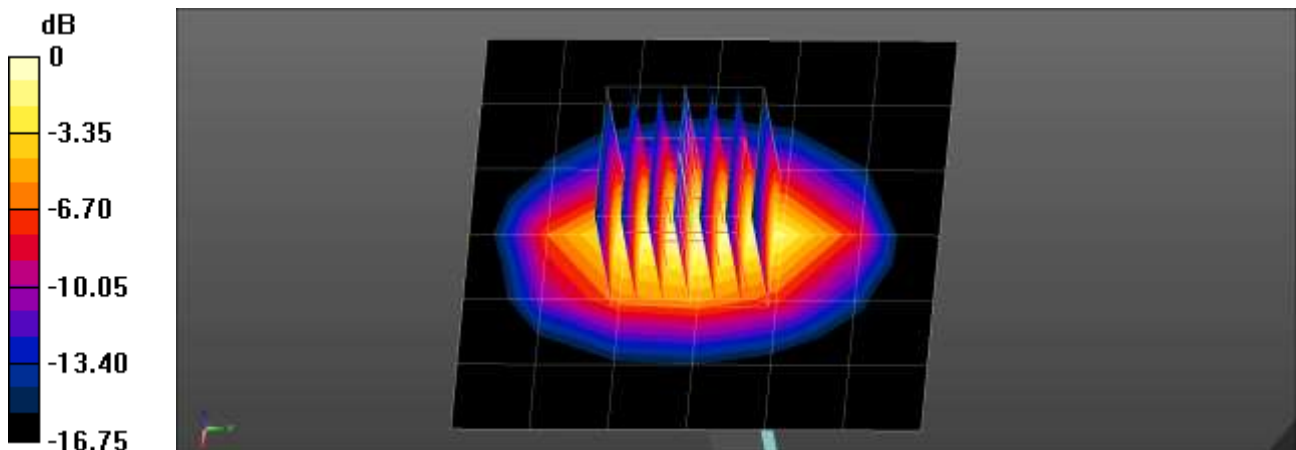
Dipole/1900MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

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

Peak SAR (extrapolated) = 3.54 W/kg

SAR(1 g) = 1.91 W/kg; SAR(10 g) = 1.01 W/kg

Maximum value of SAR (measured) = 2.97 W/kg



0 dB = 2.97 W/kg = 4.73 dBW/kg

Verification Data (2 450 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 21.1 °C
Test Date: 07/28/2021

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; $\sigma = 1.825$ S/m; $\epsilon_r = 38.375$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(7.78, 7.78, 7.78) @ 2450 MHz; Calibrated: 2021-03-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn466; Calibrated: 2021-04-23
- Phantom: Twin-SAM V4.0 (20deg probe tilt)_1588_20200429
- Measurement SW: DASY52, Version 52.10 (4)

Dipole/2450MHz Head Verification/Area Scan (8x8x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 3.43 W/kg

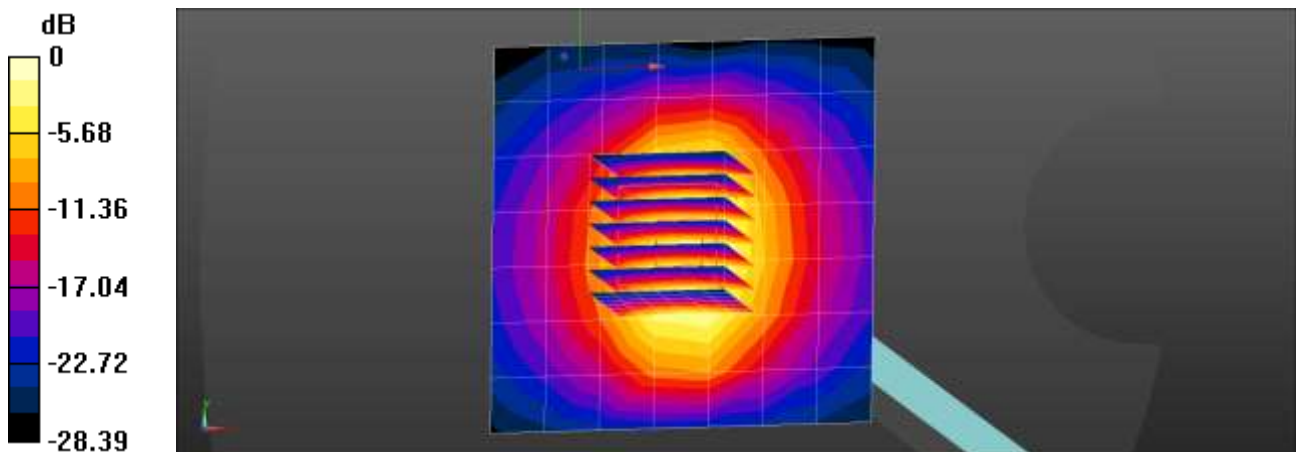
Dipole/2450MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 49.68 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 5.32 W/kg

SAR(1 g) = 2.53 W/kg; SAR(10 g) = 1.17 W/kg

Maximum value of SAR (measured) = 4.28 W/kg



0 dB = 3.43 W/kg = 5.35 dBW/kg

Verification Data (2 450 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 21.4 °C
Test Date: 07/27/2021

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; $\sigma = 1.823$ S/m; $\epsilon_r = 37.897$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(7.78, 7.78, 7.78) @ 2450 MHz; Calibrated: 2021-03-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn466; Calibrated: 2021-04-23
- Phantom: Twin-SAM V4.0 (20deg probe tilt)_1588_20200429
- Measurement SW: DASY52, Version 52.10 (4)

Dipole/2450MHz Head Verification/Area Scan (8x8x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 3.40 W/kg

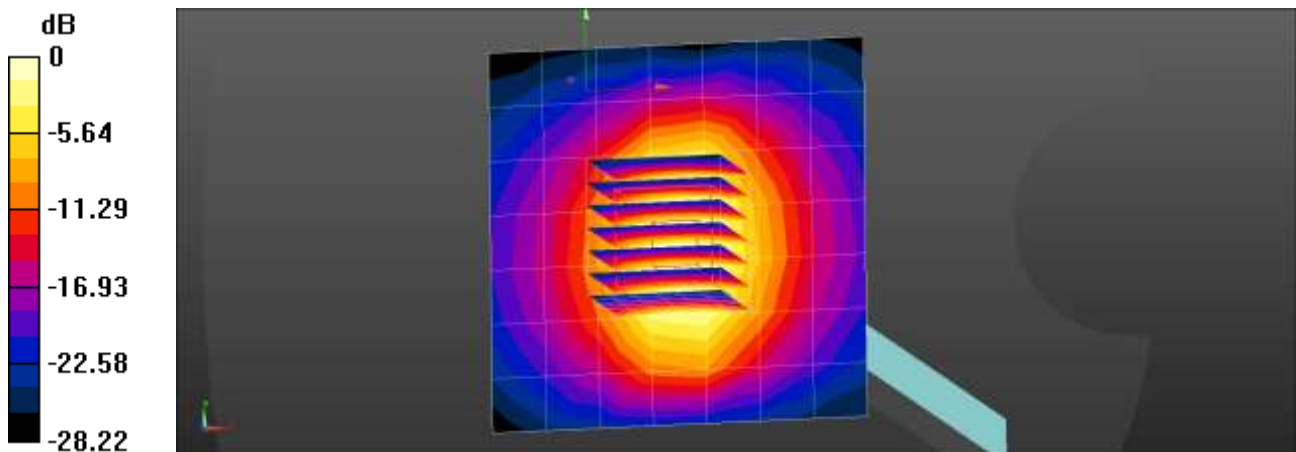
Dipole/2450MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 49.77 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 5.35 W/kg

SAR(1 g) = 2.53 W/kg; SAR(10 g) = 1.16 W/kg

Maximum value of SAR (measured) = 4.29 W/kg



0 dB = 3.40 W/kg = 5.32 dBW/kg

Verification Data (2 450 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 19.0 °C
Test Date: 08/04/2021

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; $\sigma = 1.828$ S/m; $\epsilon_r = 37.893$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3797; ConvF(7.34, 7.34, 7.34) @ 2450 MHz; Calibrated: 2020-11-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1686; Calibrated: 2021-06-21
- Phantom: SAM with CRP v5.0(Front)
- Measurement SW: DASY52, Version 52.10 (4)

Dipole/2450MHz Head Verification/Area Scan (6x7x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 3.52 W/kg

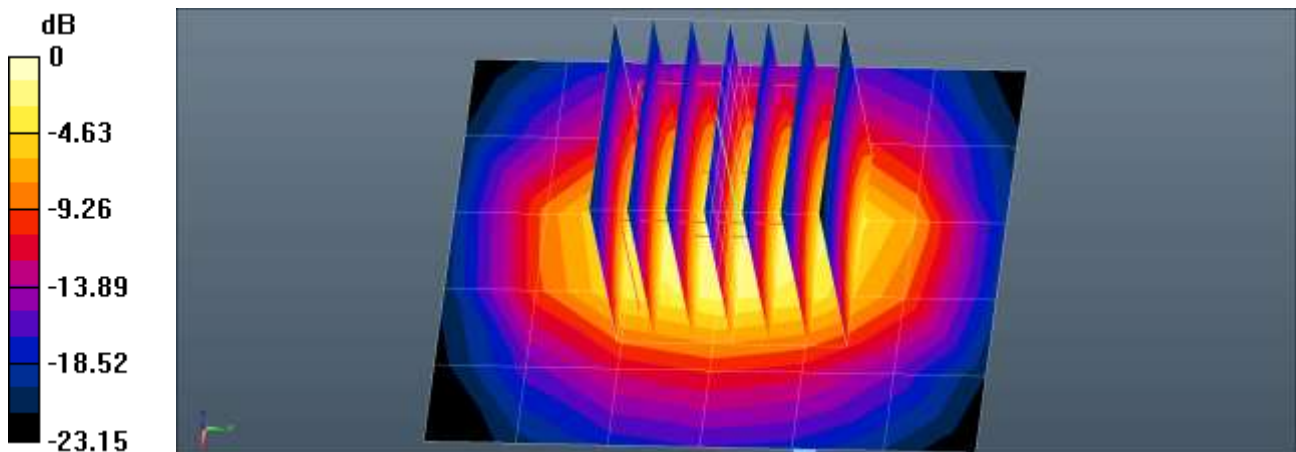
Dipole/2450MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 48.69 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 5.20 W/kg

SAR(1 g) = 2.42 W/kg; SAR(10 g) = 1.11 W/kg

Maximum value of SAR (measured) = 4.10 W/kg



0 dB = 4.10 W/kg = 6.13 dBW/kg

Verification Data (2 600 MHz Head)

Test Laboratory: HCT CO., LTD
 Input Power 0.05 W
 Liquid Temp: 20.1 °C
 Test Date: 08/15/2021

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; $\sigma = 1.958$ S/m; $\epsilon_r = 37.626$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

DASY5 Configuration:

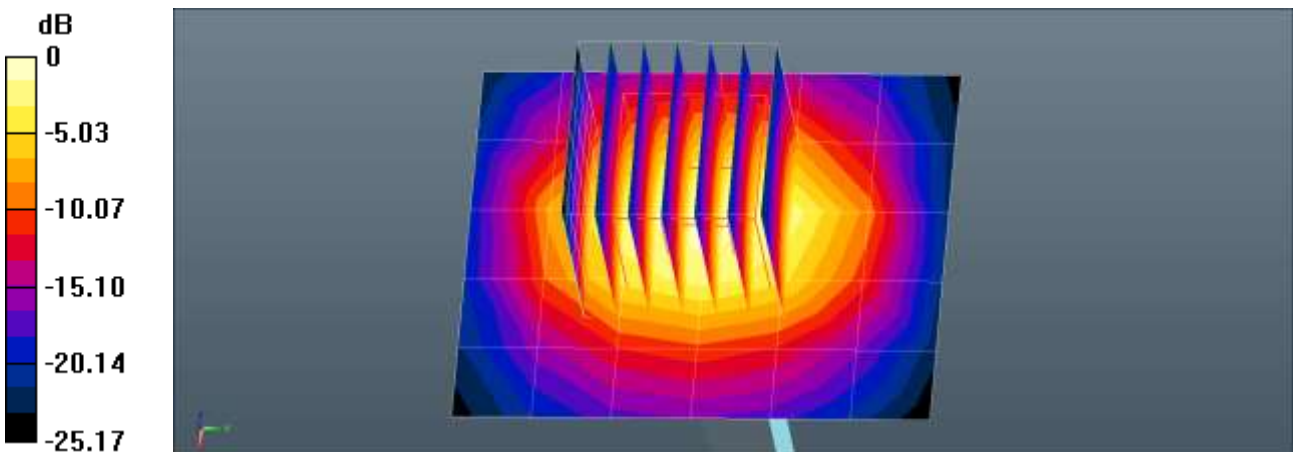
- Probe: EX3DV4 - SN7654; ConvF(8.28, 8.28, 8.28) @ 2600 MHz; Calibrated: 2021-05-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1687; Calibrated: 2021-06-21
- Phantom: SAM with CRP v5.0(Front)
- Measurement SW: DASY52, Version 52.10 (4)

Dipole/2600MHz Head Verification/Area Scan (6x7x1): Measurement grid: dx=12mm, dy=12mm
 Maximum value of SAR (measured) = 4.30 W/kg

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

Reference Value = 48.55 V/m; Power Drift = 0.04 dB
 Peak SAR (extrapolated) = 5.99 W/kg

SAR(1 g) = 2.62 W/kg; SAR(10 g) = 1.15 W/kg
 Maximum value of SAR (measured) = 4.61 W/kg



0 dB = 4.30 W/kg = 6.33 dBW/kg

Verification Data (2 600 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 20.2 °C
Test Date: 08/16/2021

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; $\sigma = 1.963$ S/m; $\epsilon_r = 38.631$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7654; ConvF(8.28, 8.28, 8.28) @ 2600 MHz; Calibrated: 2021-05-21
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1687; Calibrated: 2021-06-21
- Phantom: SAM with CRP v5.0(Front)
- Measurement SW: DASY52, Version 52.10 (4)

Dipole/2600MHz Head Verification/Area Scan (6x7x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 4.18 W/kg

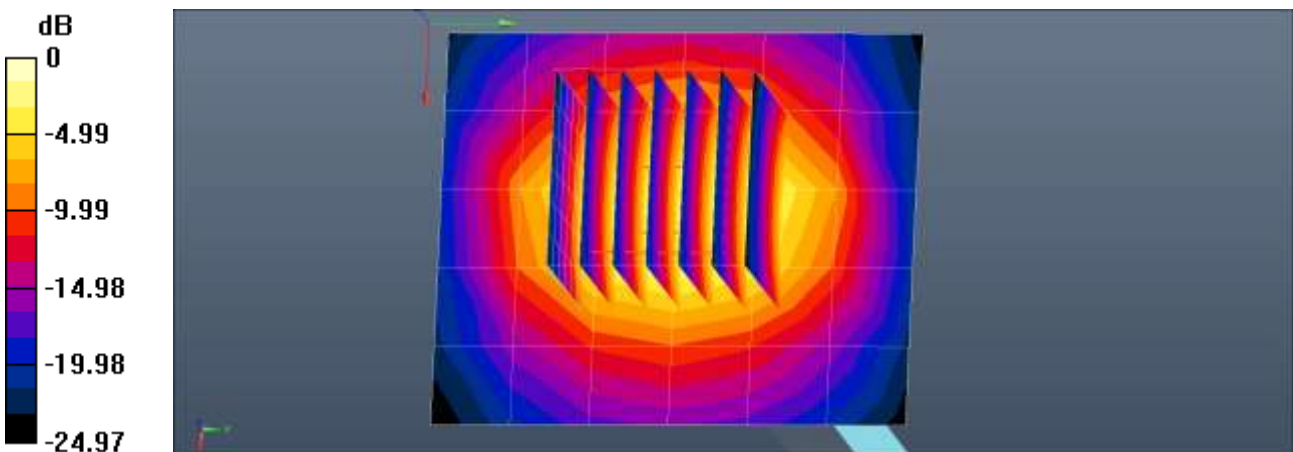
Dipole/2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 48.86 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 6.06 W/kg

SAR(1 g) = 2.62 W/kg; SAR(10 g) = 1.15 W/kg

Maximum value of SAR (measured) = 4.69 W/kg



0 dB = 4.18 W/kg = 6.22 dBW/kg

Verification Data (5 250 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 20.4 °C
Test Date: 07/29/2021

DUT: Dipole D5GHzV2; Type: D5GHzV2;

Communication System: UID 0, CW (0); Frequency: 5250 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5250 MHz; $\sigma = 4.652$ S/m; $\epsilon_r = 37.146$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(5.3, 5.3, 5.3) @ 5250 MHz; Calibrated: 2021-03-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn466; Calibrated: 2021-04-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt)
- Measurement SW: DASY52, Version 52.10 (4)

Dipole/5250MHz Head Verification/Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 10.8 W/kg

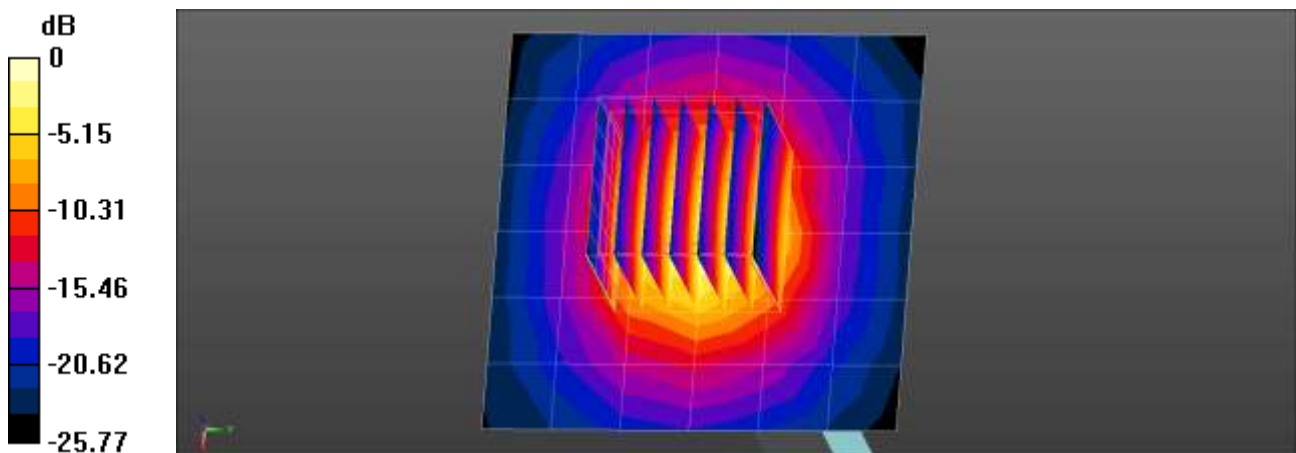
Dipole/5250MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 52.91 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 18.3 W/kg

SAR(1 g) = 4.23 W/kg; SAR(10 g) = 1.2 W/kg

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



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

Verification Data (5 600 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 20.4 °C
Test Date: 07/29/2021

DUT: Dipole D5GHzV2; Type: D5GHzV2;

Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5600$ MHz; $\sigma = 4.943$ S/m; $\epsilon_r = 36.342$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(4.9, 4.9, 4.9) @ 5600 MHz; Calibrated: 2021-03-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn466; Calibrated: 2021-04-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt)
- Measurement SW: DASY52, Version 52.10 (4)

Dipole/5600MHz Head Verification/Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 10.5 W/kg

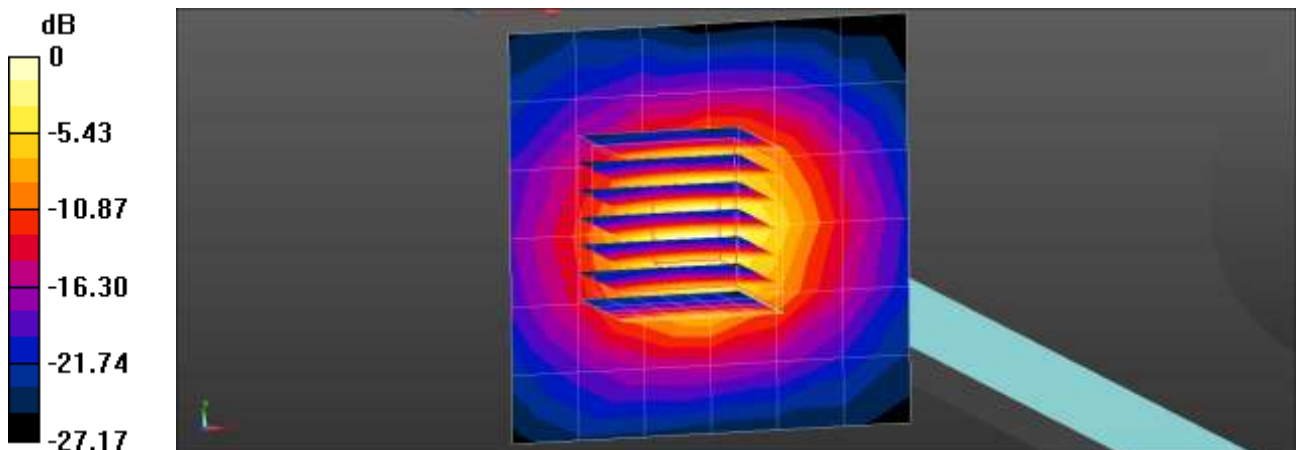
Dipole/5600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 50.83 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 19.0 W/kg

SAR(1 g) = 4.04 W/kg; SAR(10 g) = 1.16 W/kg

Maximum value of SAR (measured) = 10.6 W/kg



0 dB = 10.5 W/kg = 10.20 dBW/kg

Verification Data (5 750 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 20.7 °C
Test Date: 07/30/2021

DUT: Dipole D5GHzV2; Type: D5GHzV2;

Communication System: UID 0, CW (0); Frequency: 5750 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 5750$ MHz; $\sigma = 5.099$ S/m; $\epsilon_r = 36.402$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(5.04, 5.04, 5.04) @ 5750 MHz; Calibrated: 2021-03-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn466; Calibrated: 2021-04-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt)
- Measurement SW: DASY52, Version 52.10 (4)

Dipole/5750MHz Head Verification/Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 10.4 W/kg

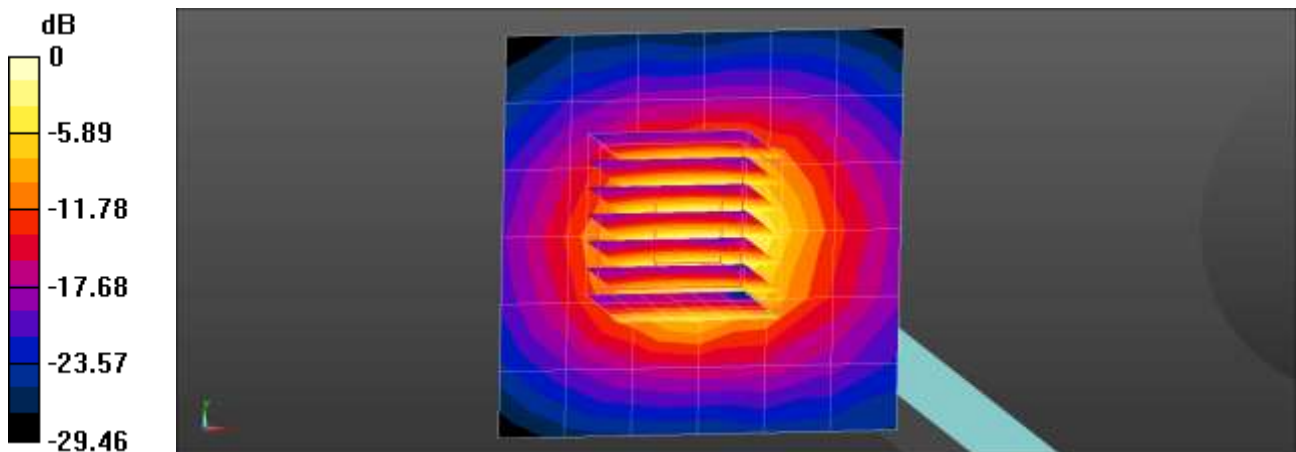
Dipole/5750MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 49.85 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 19.1 W/kg

SAR(1 g) = 3.9 W/kg; SAR(10 g) = 1.09 W/kg

Maximum value of SAR (measured) = 10.4 W/kg



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

Extremity SAR

Verification Data (1 900 MHz Head)

Test Laboratory: HCT CO., LTD
 Input Power: 0.05 W
 Liquid Temp: 20.5 °C
 Test Date: 08/14/2021

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; $\sigma = 1.382$ S/m; $\epsilon_r = 41.215$; $\rho = 1000$ 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 Sn1686; Calibrated: 2021-06-21
- Phantom: SAM_Left_20170913
- Measurement SW: DASY52, Version 52.10 (4)

Dipole/1900MHz Head Verification/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (measured) = 2.49 W/kg

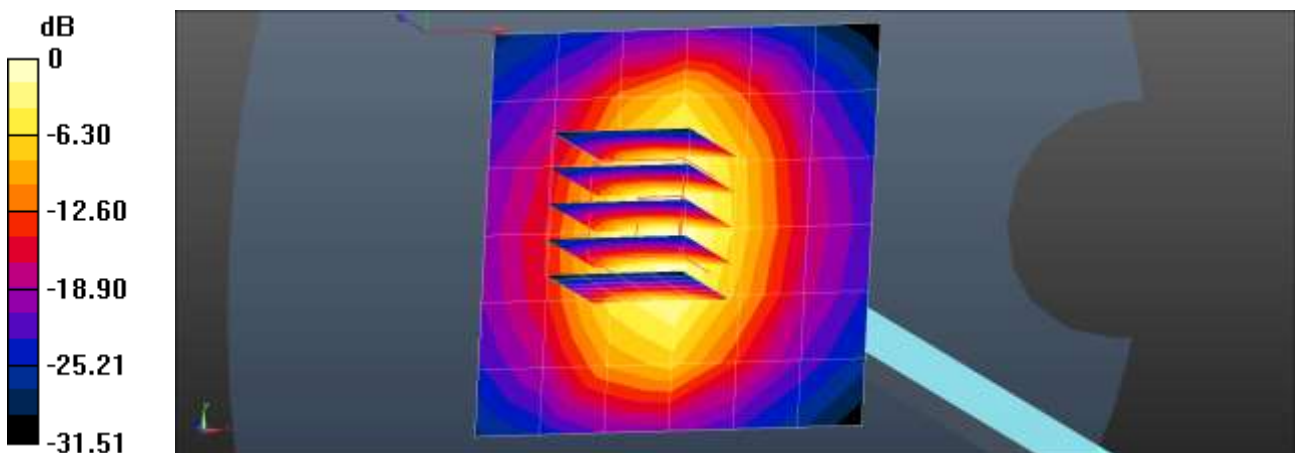
Dipole/1900MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 43.71 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 3.78 W/kg

SAR(1 g) = 2.03 W/kg; SAR(10 g) = 1.05 W/kg

Maximum value of SAR (measured) = 2.61 W/kg



0 dB = 2.49 W/kg = 3.97 dBW/kg

Verification Data (1 900 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 20.4 °C
Test Date: 08/17/2021

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; $\sigma = 1.417$ S/m; $\epsilon_r = 40.843$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3797; ConvF(7.83, 7.83, 7.83) @ 1900 MHz; Calibrated: 2020-11-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn648; Calibrated: 2021-06-02
- Phantom: SAM_Left_20170913
- Measurement SW: DASY52, Version 52.10 (4)

Dipole/1900MHz Head Verification/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 3.13 W/kg

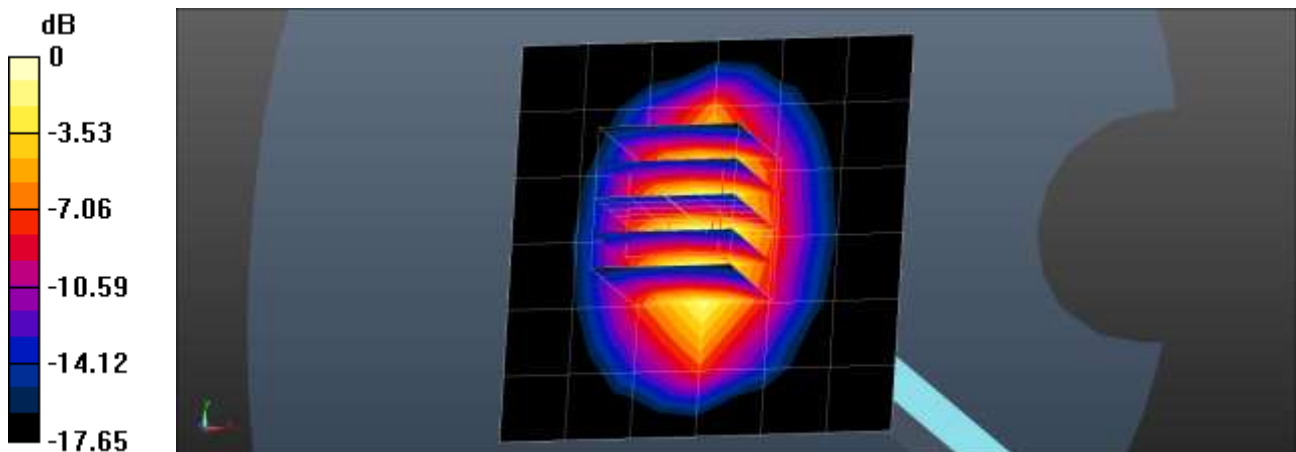
Dipole/1900MHz Head Verification/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 48.50 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 3.78 W/kg

SAR(1 g) = 2 W/kg; SAR(10 g) = 1.04 W/kg

Maximum value of SAR (measured) = 3.16 W/kg



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

Verification Data (1 900 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 20.5 °C
Test Date: 08/14/2021

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; $\sigma = 1.407$ S/m; $\epsilon_r = 41.235$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(8.58, 8.58, 8.58) @ 1900 MHz; Calibrated: 2021-03-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn466; Calibrated: 2021-04-23
- Phantom: Twin-SAM V5.0 (20deg probe tilt)
- Measurement SW: DASY52, Version 52.10 (4)

Dipole/1900MHz Head Verification/Area Scan (7x7x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 3.00 W/kg

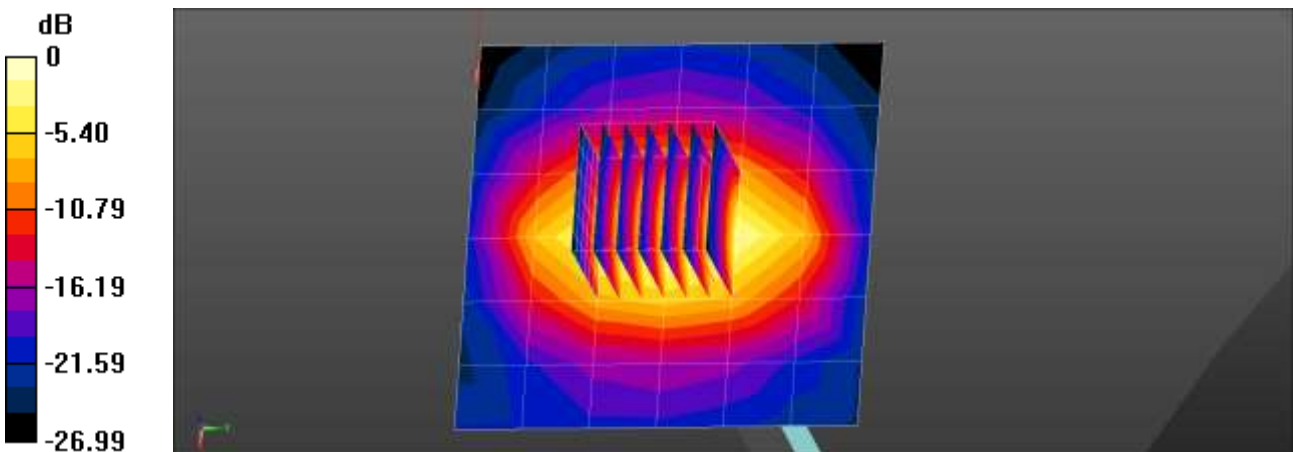
Dipole/1900MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 48.57 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 3.57 W/kg

SAR(1 g) = 1.92 W/kg; SAR(10 g) = 1.01 W/kg

Maximum value of SAR (measured) = 3.00 W/kg



0 dB = 3.00 W/kg = 4.77 dBW/kg

Verification Data (2 600 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 20.3 °C
Test Date: 08/17/2021

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; $\sigma = 1.963$ S/m; $\epsilon_r = 37.653$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3797; ConvF(7.22, 7.22, 7.22) @ 2600 MHz; Calibrated: 2020-11-25
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1686; Calibrated: 2021-06-21
- Phantom: SAM with CRP v5.0(Front)
- Measurement SW: DASY52, Version 52.10 (4)

Dipole/2600MHz Head Verification/Area Scan (6x7x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 3.85 W/kg

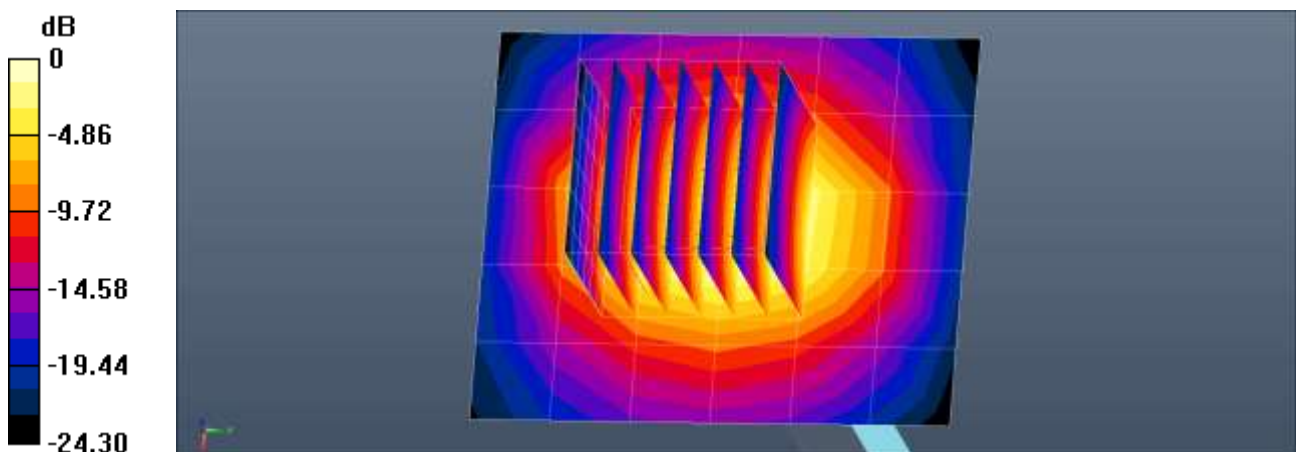
Dipole/2600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 51.80 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 6.43 W/kg

SAR(1 g) = 2.77 W/kg; SAR(10 g) = 1.21 W/kg

Maximum value of SAR (measured) = 4.93 W/kg



0 dB = 3.85 W/kg = 5.85 dBW/kg

Verification Data (5 250 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power: 0.05 W
Liquid Temp: 20.4 °C
Test Date: 07/29/2021

DUT: Dipole D5GHzV2; Type: D5GHzV2;

Communication System: UID 0, CW (0); Frequency: 5250 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 5250$ MHz; $\sigma = 4.652$ S/m; $\epsilon_r = 37.146$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(5.3, 5.3, 5.3) @ 5250 MHz; Calibrated: 2021-03-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn466; Calibrated: 2021-04-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt)
- Measurement SW: DASY52, Version 52.10 (4)

Dipole/5250MHz Head Verification/Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 10.8 W/kg

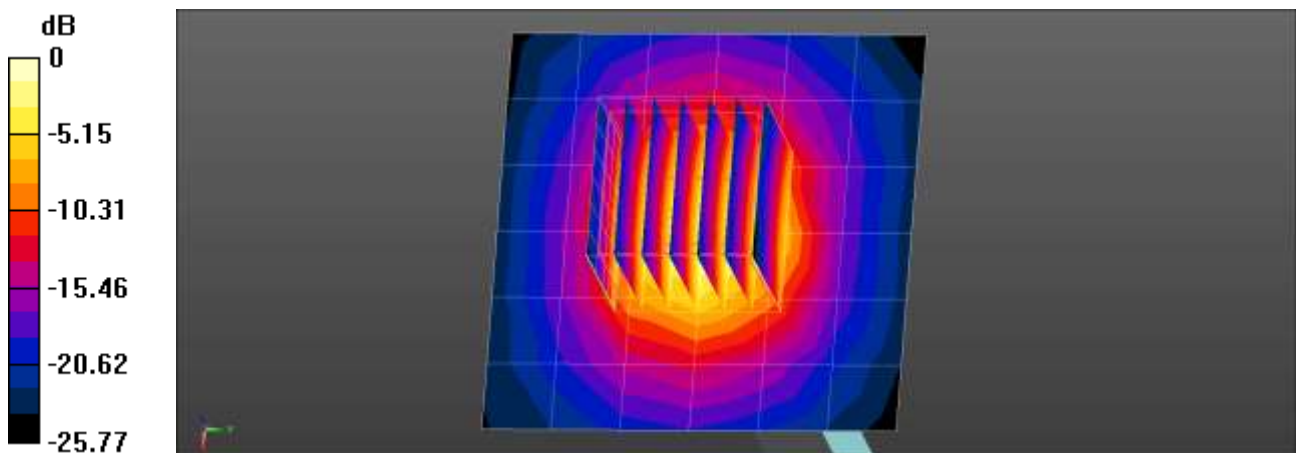
Dipole/5250MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 52.91 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 18.3 W/kg

SAR(1 g) = 4.23 W/kg; SAR(10 g) = 1.2 W/kg

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



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

Verification Data (5 600 MHz Head)

Test Laboratory: HCT CO., LTD
Input Power 0.05 W
Liquid Temp: 20.4 °C
Test Date: 07/29/2021

DUT: Dipole D5GHzV2; Type: D5GHzV2;

Communication System: UID 0, CW (0); Frequency: 5600 MHz;Duty Cycle: 1:1
Medium parameters used: $f = 5600$ MHz; $\sigma = 4.943$ S/m; $\epsilon_r = 36.342$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3903; ConvF(4.9, 4.9, 4.9) @ 5600 MHz; Calibrated: 2021-03-24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn466; Calibrated: 2021-04-23
- Phantom: Twin-SAM V8.0 (30deg probe tilt)
- Measurement SW: DASY52, Version 52.10 (4)

Dipole/5600MHz Head Verification/Area Scan (7x7x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 10.5 W/kg

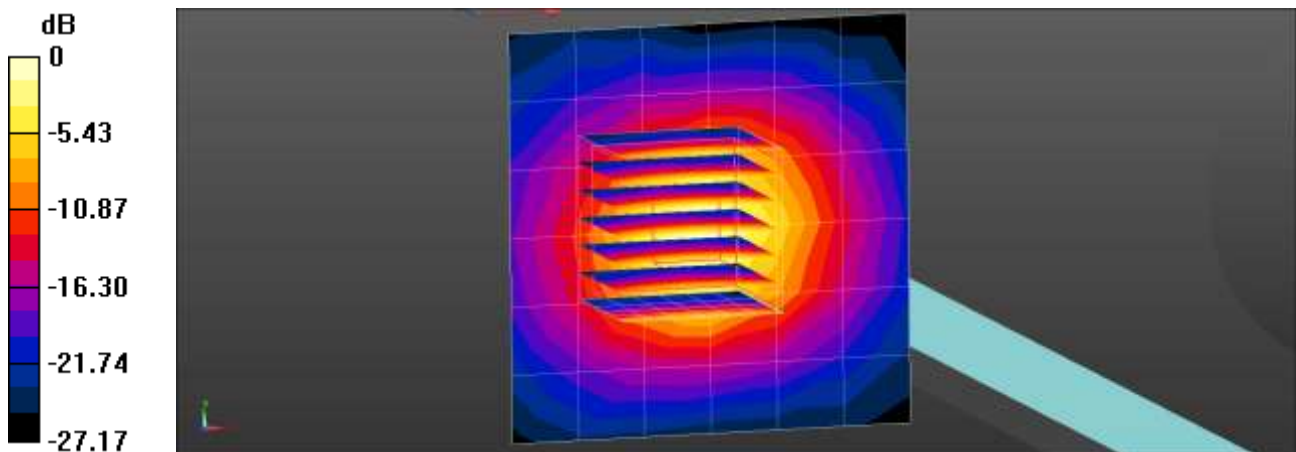
Dipole/5600MHz Head Verification/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 50.83 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 19.0 W/kg

SAR(1 g) = 4.04 W/kg; SAR(10 g) = 1.16 W/kg

Maximum value of SAR (measured) = 10.6 W/kg



0 dB = 10.5 W/kg = 10.20 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	
3	3903	EX3DV4	Head	750	1014	2021-07-14	41.7	0.87	PASS	PASS	PASS	N/A	N/A	N/A
2	3797	EX3DV4	Head	835	4d266	2020-12-25	41.5	0.89	PASS	PASS	PASS	GMSK	PASS	N/A
2	3797	EX3DV4	Head	835	4d266	2020-12-25	41.5	0.89	PASS	PASS	PASS	N/A	N/A	N/A
3	3903	EX3DV4	Head	835	4d266	2021-08-20	41.5	0.89	PASS	PASS	PASS	N/A	N/A	N/A
2	3797	EX3DV4	Head	1750	2d007	2020-12-20	40.2	1.49	PASS	PASS	PASS	GMSK	PASS	N/A
2	3797	EX3DV4	Head	1750	2d007	2020-12-20	40.2	1.49	PASS	PASS	PASS	N/A	N/A	N/A
3	3903	EX3DV4	Head	1750	2d007	2021-04-22	40.2	1.49	PASS	PASS	PASS	N/A	N/A	N/A
2	3797	EX3DV4	Head	1900	5d032	2021-02-19	40.1	1.42	PASS	PASS	PASS	GMSK	PASS	N/A
3	3903	EX3DV4	Head	1900	5d032	2021-04-18	40.1	1.42	PASS	PASS	PASS	N/A	N/A	N/A
3	3903	EX3DV4	Head	2450	965	2021-07-09	39.2	1.83	PASS	PASS	PASS	OFDM	N/A	PASS
2	3797	EX3DV4	Head	2450	965	2021-07-09	39.2	1.83	PASS	PASS	PASS	OFDM	N/A	PASS
8	7654	EX3DV4	Head	2600	1015	2021-06-25	38.7	1.95	PASS	PASS	PASS	TDD	PASS	N/A
3	3903	EX3DV4	Head	5250	1253	2021-04-15	35.7	4.70	PASS	PASS	PASS	OFDM	N/A	PASS
3	3903	EX3DV4	Head	5600	1253	2021-04-15	35.3	5.05	PASS	PASS	PASS	OFDM	N/A	PASS
3	3903	EX3DV4	Head	5750	1253	2021-04-15	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	
5	3076	ES3DV3	Head	1900	5d032	2021-08-09	40.1	1.42	PASS	PASS	PASS	GMSK	PASS	N/A
2	3797	EX3DV4	Head	1900	5d032	2021-02-19	40.1	1.42	PASS	PASS	PASS	GMSK	PASS	N/A
3	3903	EX3DV4	Head	1900	5d032	2021-04-18	40.1	1.42	PASS	PASS	PASS	N/A	N/A	N/A
2	3797	EX3DV4	Head	2600	1015	2020-12-26	38.7	1.95	PASS	PASS	PASS	TDD	PASS	N/A
3	3903	EX3DV4	Head	5250	1253	2021-04-15	35.7	4.70	PASS	PASS	PASS	OFDM	N/A	PASS
3	3903	EX3DV4	Head	5600	1253	2021-04-15	35.3	5.05	PASS	PASS	PASS	OFDM	N/A	PASS

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.