



Appendix B

Detailed Test Results

1. GSM
GSM850 for Head& Body
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2. WCDMA
WCDMA Band II for Head& Body
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3. LTE
LTE Band 12 for Head& Body
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LTE Band 71 for Head& Body
4. WIFI
WIFI 2.4GHz for Head& Body
WIFI 5.2GHz for Head& Body
WIFI 5.8GHz for Head& Body





Date: 2024/7/10

Test Laboratory: LCS-SAR Lab

GSM 850 128CH Left Cheek**DUT: Smart Phone; Type: HPPH88C; Serial: A240705040-1**

Communication System: UID 0, GSM (0); Frequency: 824.2 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 824.2$ MHz; $\sigma = 0.927$ S/m; $\epsilon_r = 41.766$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.26, 9.26, 9.26); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Unnamed procedure/Area Scan (8x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.252 W/kg

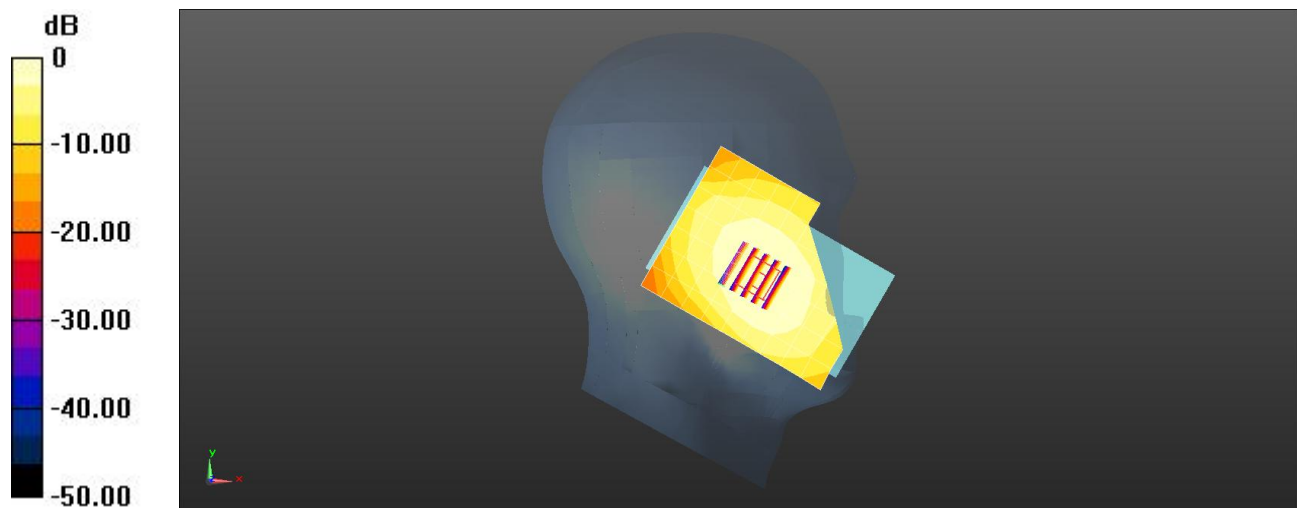
Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.425 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.244 W/kg

SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.147 W/kg

Maximum value of SAR (measured) = 0.242 W/kg



0 dB = 0.242 W/kg = -6.16 dBW/kg



Date: 2024/7/10

Test Laboratory: LCS-SAR Lab

GSM 850 GPRS 4TX 190CH Rear side 10mm**DUT: Smart Phone; Type: HPPH88C; Serial: A240705040-1**

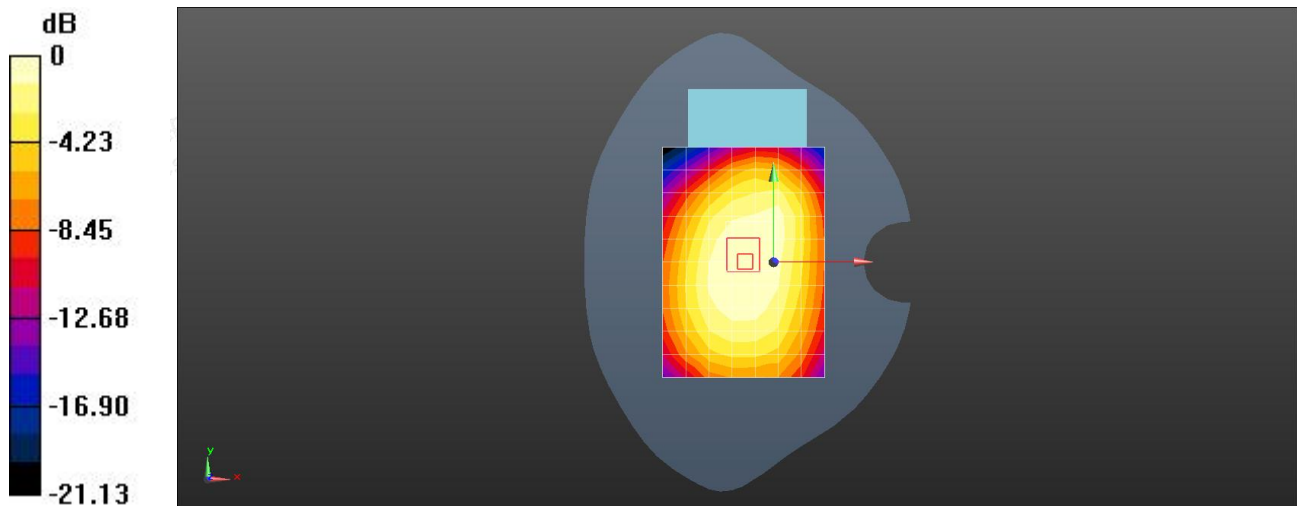
Communication System: UID 0, GPRS (0); Frequency: 836.6 MHz; Duty Cycle: 1: 2.075

Medium parameters used: $f = 836.6 \text{ MHz}$; $\sigma = 0.918 \text{ S/m}$; $\epsilon_r = 41.524$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.26, 9.26, 9.26); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Unnamed procedure/Area Scan (8x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 0.454 W/kg **Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 19.52 V/m ; Power Drift = -0.15 dB Peak SAR (extrapolated) = 0.254 W/kg **SAR(1 g) = 0.345 W/kg ; SAR(10 g) = 0.212 W/kg** Maximum value of SAR (measured) = 0.444 W/kg  $0 \text{ dB} = 0.444 \text{ W/kg} = -3.53 \text{ dBW/kg}$ 

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Date: 2024/7/16

Test Laboratory: LCS-SAR Lab

GSM 1900 661CH Left Cheek

DUT: Smart Phone; Type: HPPH88C; Serial: A240705040-1

Communication System: UID 0, GSM (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1880$ MHz; $\sigma = 1.452$ S/m; $\epsilon_r = 40.441$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.85, 7.85, 7.85); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Unnamed procedure/Area Scan (8x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.075 W/kg

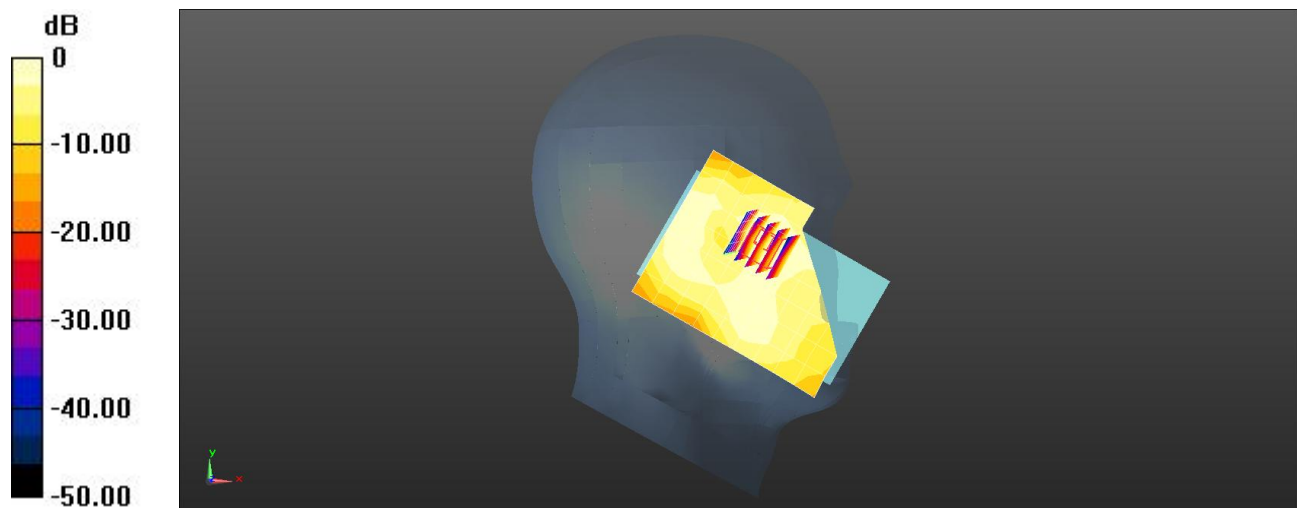
Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.115 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.158 W/kg

SAR(1 g) = 0.112 W/kg; SAR(10 g) = 0.074 W/kg

Maximum value of SAR (measured) = 0.082 W/kg



0 dB = 0.082 W/kg = -10.86 dBW/kg



Date: 2024/7/16

Test Laboratory: LCS-SAR Lab

GSM 1900 GPRS 3TX 661CH Rear side 10mm**DUT: Smart Phone; Type: HPPH88C; Serial: A240705040-1**

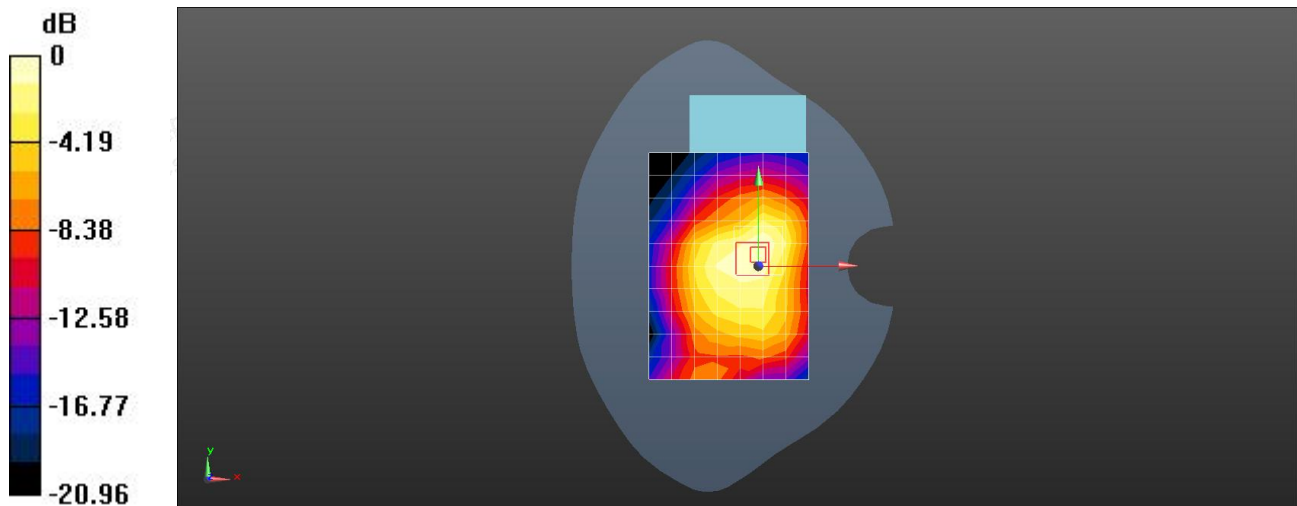
Communication System: UID 0, GPRS (0); Frequency: 1880 MHz; Duty Cycle: 1:2.77

Medium parameters used: $f = 1880 \text{ MHz}$; $\sigma = 1.452 \text{ S/m}$; $\epsilon_r = 40.441$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.85, 7.85, 7.85); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Unnamed procedure/Area Scan (8x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 0.260 W/kg **Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 11.65 V/m ; Power Drift = -0.12 dB Peak SAR (extrapolated) = 0.222 W/kg **SAR(1 g) = 0.205 W/kg ; SAR(10 g) = 0.141 W/kg** Maximum value of SAR (measured) = 0.277 W/kg  $0 \text{ dB} = 0.277 \text{ W/kg} = -5.58 \text{ dBW/kg}$ 

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Date: 2024/7/16

Test Laboratory: LCS-SAR Lab

WCDMA Band II RMC 9538CH Left Cheek**DUT: Smart Phone; Type: HPPH88C; Serial: A240705040-1**

Communication System: UID 0, WCDMA (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1907.6$ MHz; $\sigma = 1.421$ S/m; $\epsilon_r = 40.745$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.85, 7.85, 7.85); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Unnamed procedure/Area Scan (8x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.152 W/kg

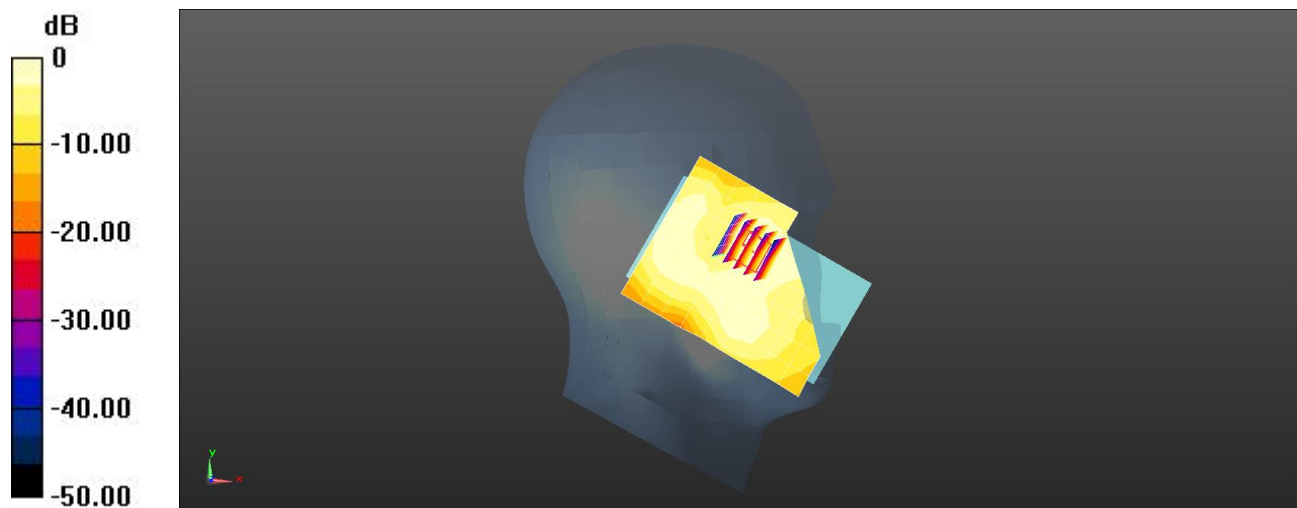
Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.698 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.112 W/kg

SAR(1 g) = 0.121W/kg; SAR(10 g) = 0.085 W/kg

Maximum value of SAR (measured) = 0.136 W/kg



0 dB = 0.136 W/kg = -8.66 dBW/kg



Date: 2024/7/16

Test Laboratory: LCS-SAR Lab

WCDMA Band II RMC 9538CH Rear side 10mm**DUT: Smart Phone; Type: HPPH88C; Serial: A240705040-1**

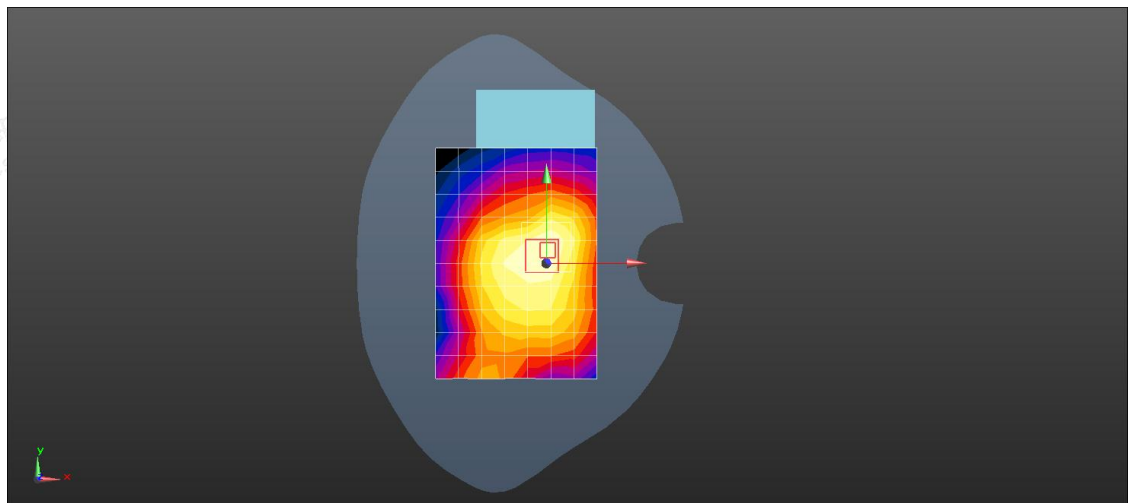
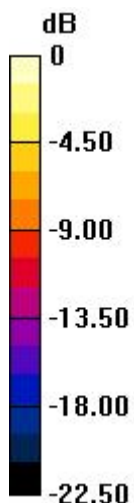
Communication System: UID 0, WCDMA (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1907.6 \text{ MHz}$; $\sigma = 1.421 \text{ S/m}$; $\epsilon_r = 40.745$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.85, 7.85, 7.85); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Unnamed procedure/Area Scan (8x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 0.325 W/kg **Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 12.69 V/m ; Power Drift = -0.11 dB Peak SAR (extrapolated) = 0.436 W/kg **SAR(1 g) = 0.244 W/kg ; SAR(10 g) = 0.136 W/kg** Maximum value of SAR (measured) = 0.344 W/kg  $0 \text{ dB} = 0.344 \text{ W/kg} = -4.36 \text{ dBW/kg}$ 

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Test Laboratory: LCS-SAR Lab

WCDMA Band IV RCM 1312CH Left Cheek

DUT: Smart Phone; Type: HPPH88C Serial: A240705040-1

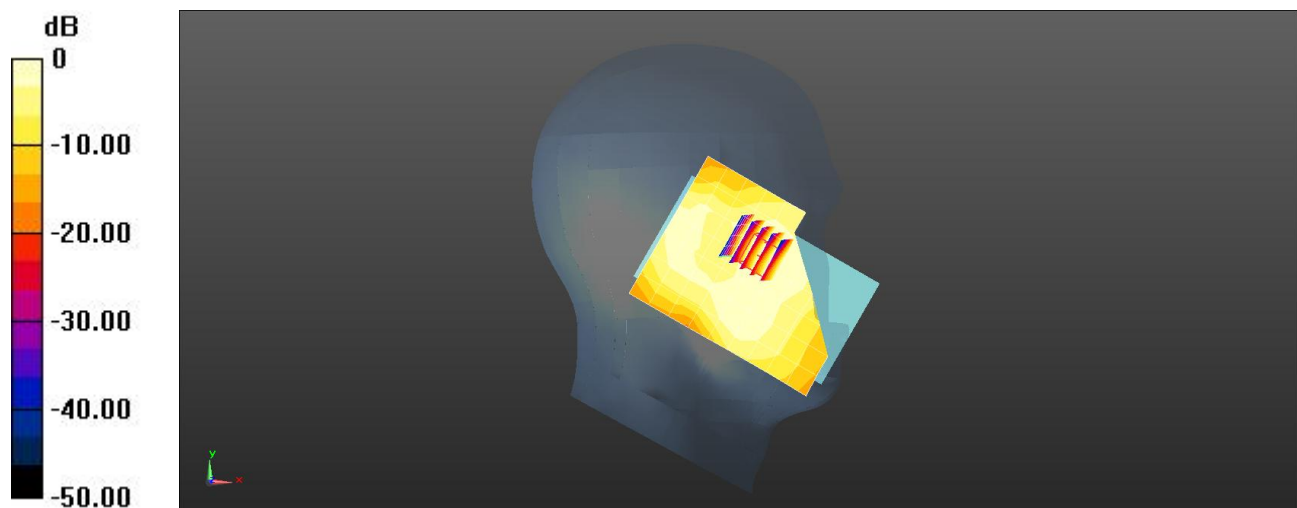
Communication System: UID 0, WCDMA (0); Frequency: 1712.4 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1712.4$ MHz; $\sigma = 1.332$ S/m; $\epsilon_r = 40.652$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(8.16, 8.16, 8.16); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Unnamed procedure/Area Scan (8x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.256 W/kg

Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.598 V/m; Power Drift = -0.14 dB
Peak SAR (extrapolated) = 0.247 W/kg
SAR(1 g) = 0.174 W/kg; SAR(10 g) = 0.122 W/kg
Maximum value of SAR (measured) = 0.269 W/kg



0 dB = 0.269 W/kg = -5.70 dBW/kg



Date: 2024/7/12

Test Laboratory: LCS-SAR Lab

WCDMA Band IV RCM 1312CH Rear side 10mm**DUT: Smart Phone; Type: HPPH88C Serial: A240705040-1**

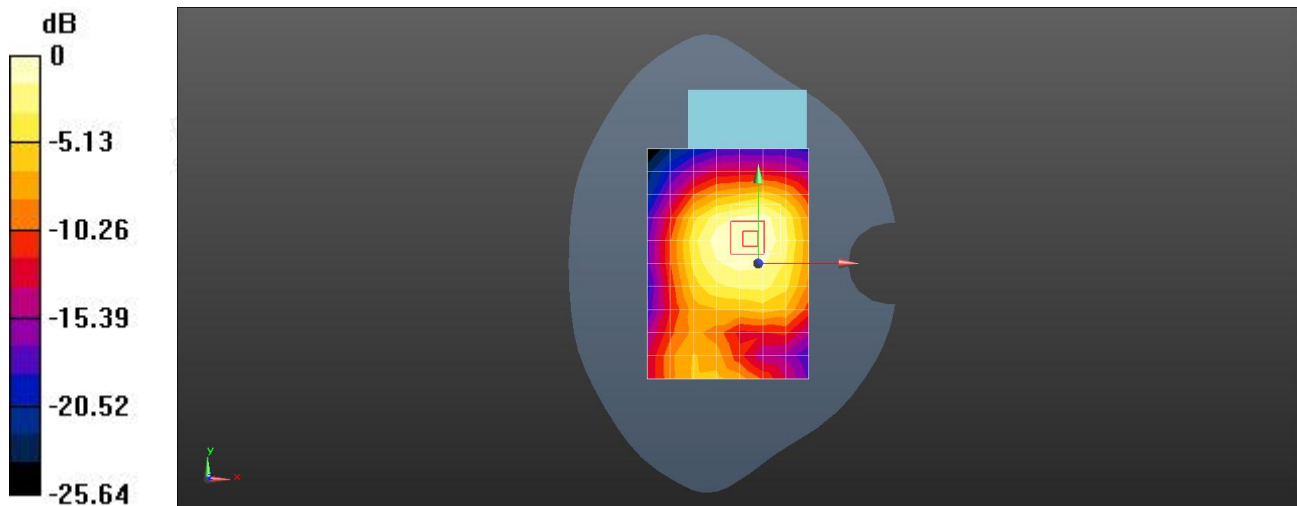
Communication System: UID 0, WCDMA (0); Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1712.4 \text{ MHz}$; $\sigma = 1.332 \text{ S/m}$; $\epsilon_r = 40.652$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(8.16, 8.16, 8.16); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Unnamed procedure/Area Scan (8x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 0.536 W/kg **Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 15.89 V/m ; Power Drift = -0.18 dB Peak SAR (extrapolated) = 0.636 W/kg **SAR(1 g) = 0.436 W/kg ; SAR(10 g) = 0.223 W/kg** Maximum value of SAR (measured) = 0.522 W/kg  $0 \text{ dB} = 0.522 \text{ W/kg} = -2.82 \text{ dBW/kg}$ 

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Date: 2024/7/10

Test Laboratory: LCS-SAR Lab

WCDMA Band V RCM 4182CH Left Cheek**DUT: Smart Phone; Type: HPPH88C Serial: A240705040-1**

Communication System: UID 0, WCDMA (0); Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.916$ S/m; $\epsilon_r = 41.521$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.26, 9.26, 9.26); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Unnamed procedure/Area Scan (8x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.274 W/kg

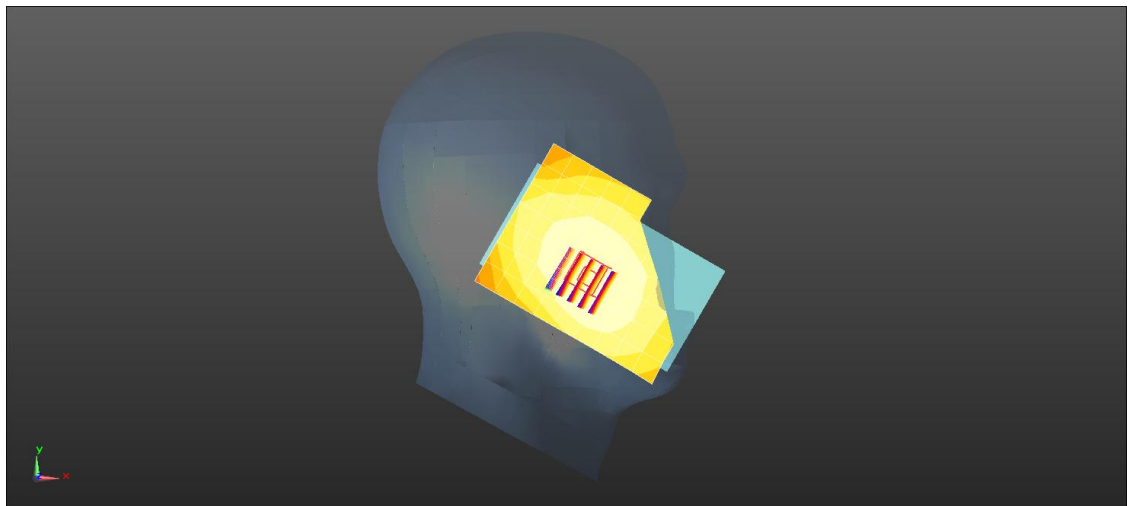
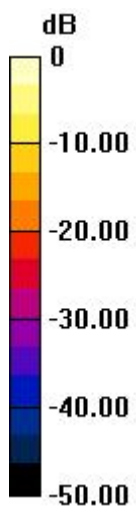
Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.241 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.289 W/kg

SAR(1 g) = 0.216 W/kg; SAR(10 g) = 0.141 W/kg

Maximum value of SAR (measured) = 0.286 W/kg



0 dB = 0.286 W/kg = -5.44 dBW/kg



Date: 2024/7/10

Test Laboratory: LCS-SAR Lab

WCDMA Band V RCM 4182CH Rear side 10mm**DUT: Smart Phone; Type: HPPH88C Serial: A240705040-1**

Communication System: UID 0, WCDMA (0); Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.916$ S/m; $\epsilon_r = 41.521$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.26, 9.26, 9.26); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Unnamed procedure/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.336 W/kg

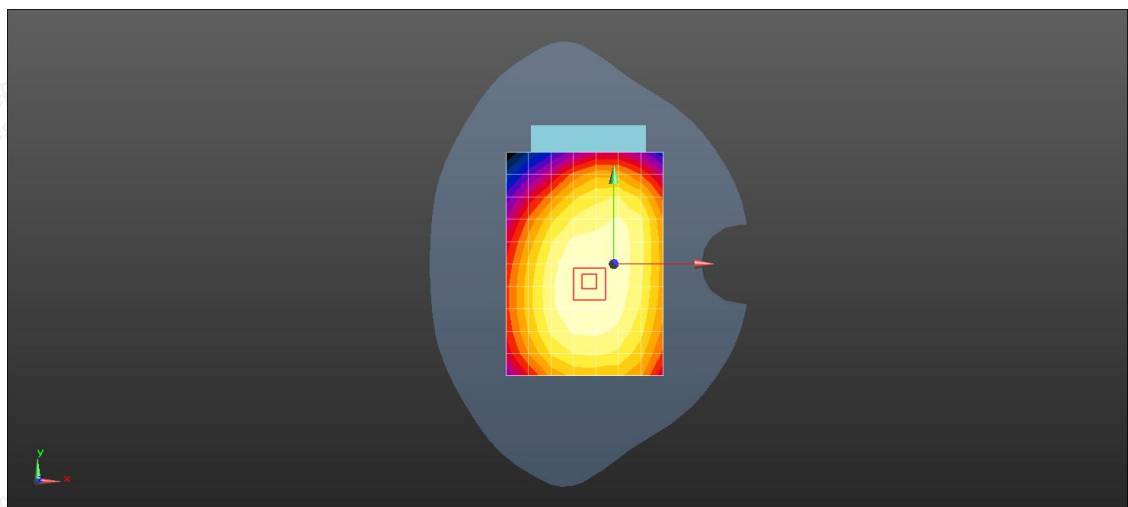
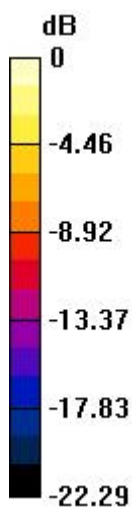
Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.32 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.363 W/kg

SAR(1 g) = 0.288 W/kg; SAR(10 g) = 0.200 W/kg

Maximum value of SAR (measured) = 0.323 W/kg



0 dB = 0.323 W/kg = -4.91 dBW/kg



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Date: 2024/7/9

Test Laboratory: LCS-SAR Lab

LTE Band 12 10M QPSK 1RB0 23095CH Left Cheek**DUT: Smart Phone; Type: HPPH88C Serial: A240705040-1**

Communication System: UID 0, LTE-FDD (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.885$ S/m; $\epsilon_r = 41.669$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.66, 9.66, 9.66); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Unnamed procedure/Area Scan (8x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.159 W/kg

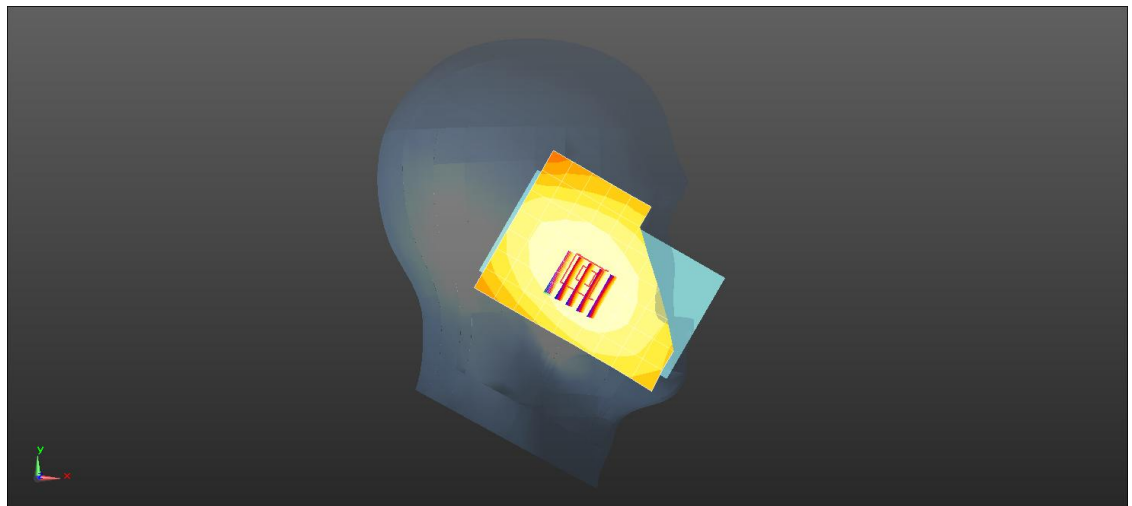
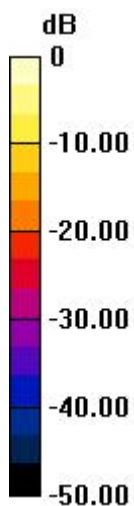
Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.021 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.132 W/kg

SAR(1 g) = 0.144 W/kg; SAR(10 g) = 0.069 W/kg

Maximum value of SAR (measured) = 0.165 W/kg



0 dB = 0.165 W/kg = -7.83 dBW/kg



Date: 2024/7/9

Test Laboratory: LCS-SAR Lab

LTE Band 12 10M QPSK 1RB0 23095CH Rear side 10mm**DUT: Smart Phone; Type: HPPH88C Serial: A240705040-1**

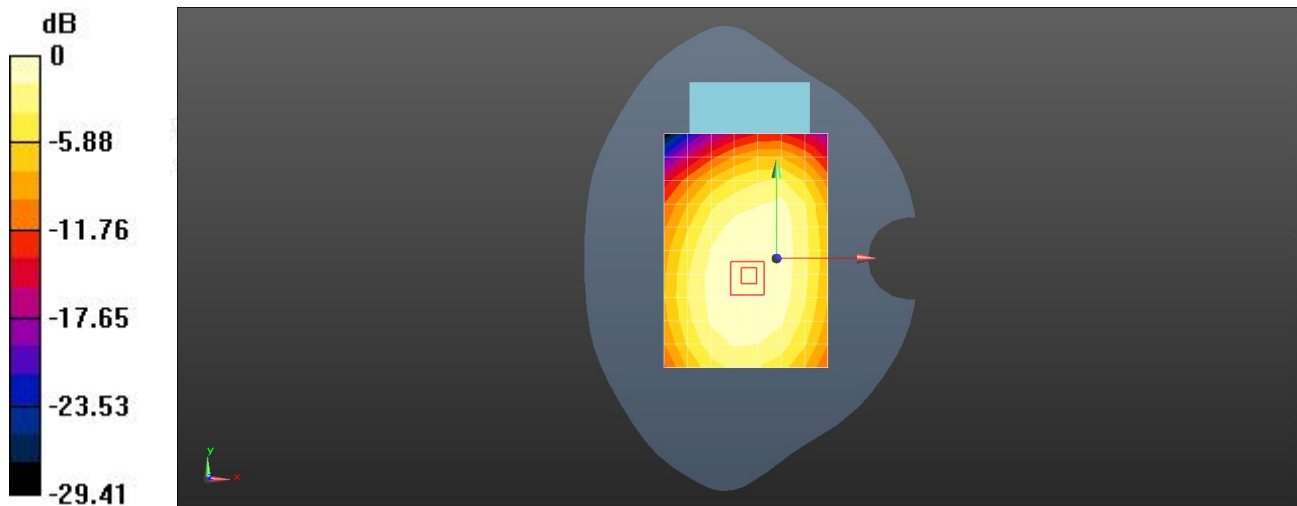
Communication System: UID 0, LTE-FDD (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 707.5 \text{ MHz}$; $\sigma = 0.885 \text{ S/m}$; $\epsilon_r = 41.669$ $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.66, 9.66, 9.66); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Unnamed procedure/Area Scan (8x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 0.112 W/kg **Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 11.22 V/m ; Power Drift = -0.02 dB Peak SAR (extrapolated) = 0.196 W/kg **SAR(1 g) = 0.156 W/kg ; SAR(10 g) = 0.092 W/kg** Maximum value of SAR (measured) = 0.127 W/kg  $0 \text{ dB} = 0.127 \text{ W/kg} = -8.96 \text{ dBW/kg}$ 

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Date: 2024/7/16

Test Laboratory: LCS-SAR Lab

LTE Band 25 20M QPSK 1RB49 26590CH Left Cheek**DUT: Smart Phone; Type: HPPH88C Serial: A240705040-1**

Communication System: UID 0, LTE-FDD (0); Frequency: 1905 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1905$ MHz; $\sigma = 1.388$ S/m; $\epsilon_r = 40.445$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.85, 7.85, 7.85); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Unnamed procedure/Area Scan (8x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.260 W/kg

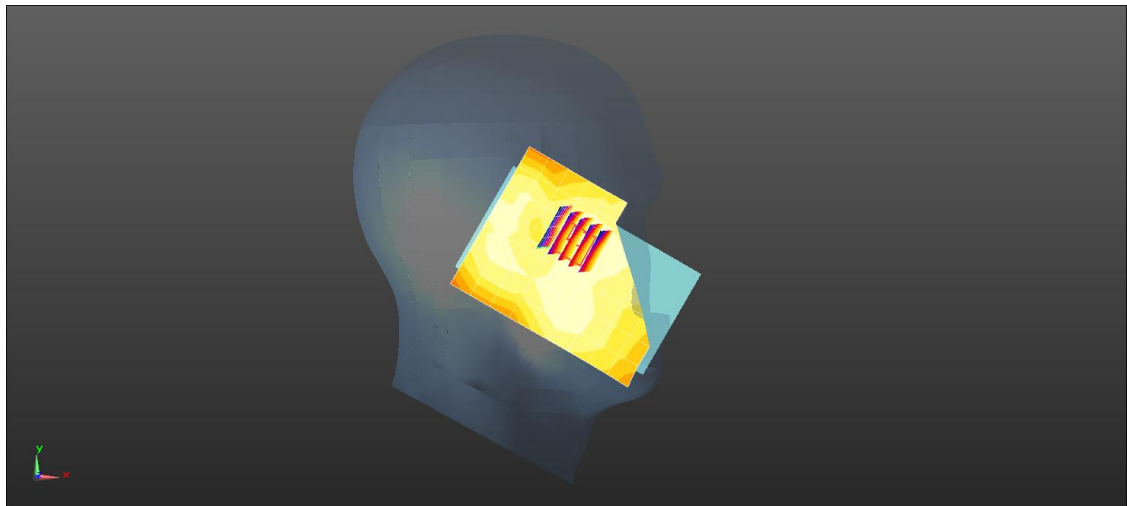
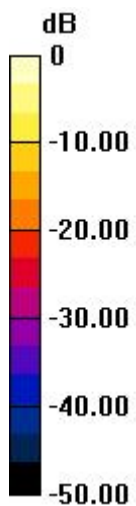
Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.125 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.298 W/kg

SAR(1 g) = 0.231 W/kg; SAR(10 g) = 0.132 W/kg

Maximum value of SAR (measured) = 0.277 W/kg



0 dB = 0.277 W/kg = -5.58 dBW/kg



Date: 2024/7/16

Test Laboratory: LCS-SAR Lab

LTE Band 25 20M QPSK 1RB49 26590CH Rear side 10mm**DUT: Smart Phone; Type: HPPH88C Serial: A240705040-1**

Communication System: UID 0, LTE-FDD (0); Frequency: 1905 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1905$ MHz; $\sigma = 1.388$ S/m; $\epsilon_r = 40.445$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.85, 7.85, 7.85); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Unnamed procedure/Area Scan (8x11x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.350 W/kg

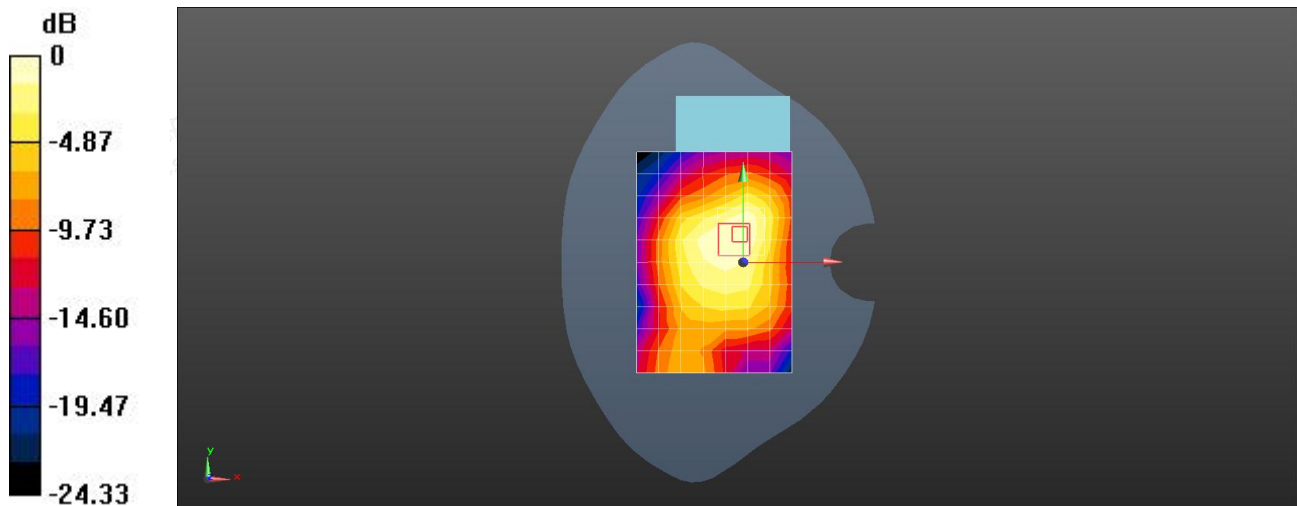
Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.74 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.475 W/kg

SAR(1 g) = 0.336 W/kg; SAR(10 g) = 0.178 W/kg

Maximum value of SAR (measured) = 0.357 W/kg



0 dB = 0.357 W/kg = -4.47 dBW/kg



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Test Laboratory: LCS-SAR Lab

LTE Band 26 10M QPSK 1RB0 26740CH Left Cheek

DUT: Smart Phone; Type: HPPH88C Serial: A240705040-1

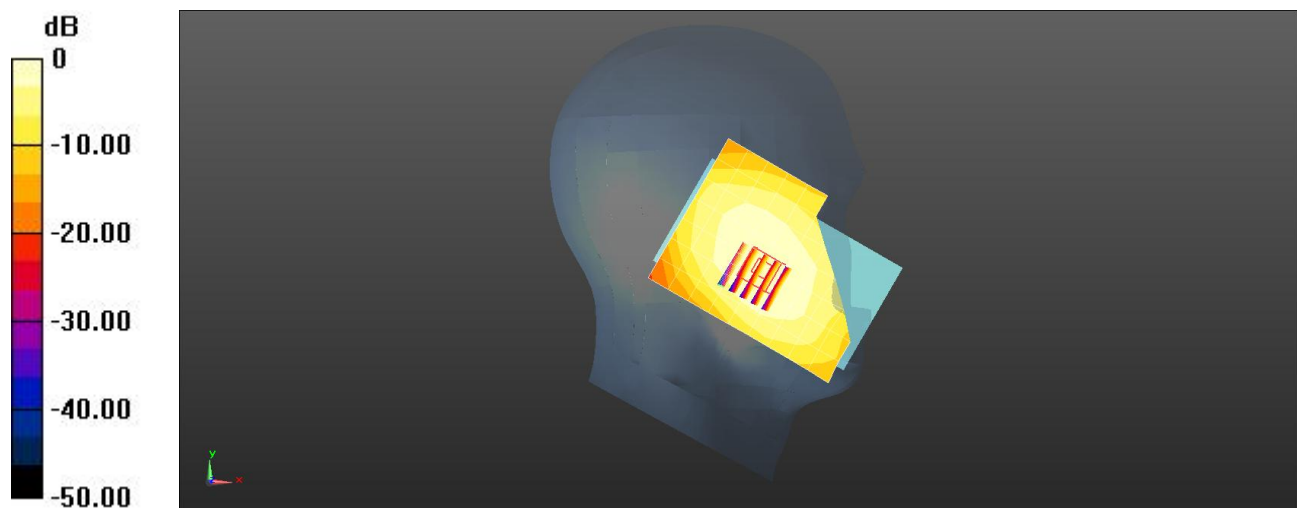
Communication System: UID 0, LTE-FDD (0); Frequency: 819 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 819$ MHz; $\sigma = 0.899$ S/m; $\epsilon_r = 41.774$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.26, 9.26, 9.26); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Unnamed procedure/Area Scan (8x10x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.256 W/kg

Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.631 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.369 W/kg
SAR(1 g) = 0.255 W/kg; SAR(10 g) = 0.141 W/kg
Maximum value of SAR (measured) = 0.226 W/kg



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



Date: 2024/7/10

Test Laboratory: LCS-SAR Lab

LTE Band 26 10M QPSK 1RB0 26740CH Rear side 10mm**DUT: Smart Phone; Type: HPPH88C Serial: A240705040-1**

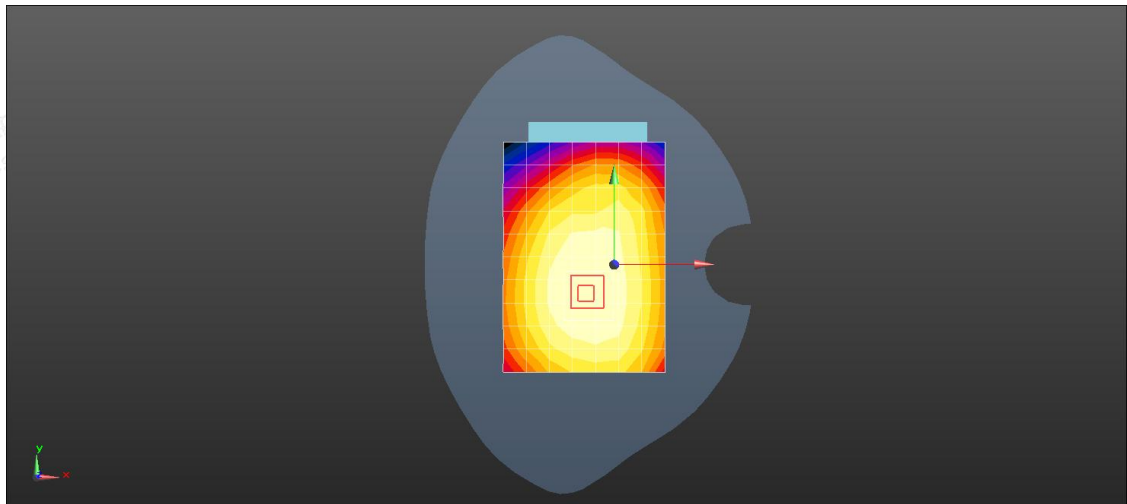
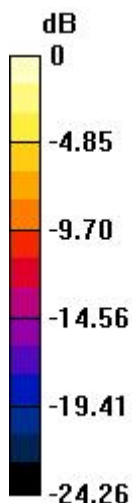
Communication System: UID 0, LTE-FDD (0); Frequency: 819 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 819 \text{ MHz}$; $\sigma = 0.899 \text{ S/m}$; $\epsilon_r = 41.774$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.26, 9.26, 9.26); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Unnamed procedure/Area Scan (8x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 0.352 W/kg **Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 11.65 V/m ; Power Drift = -0.17 dB Peak SAR (extrapolated) = 0.311 W/kg **SAR(1 g) = 0.387 W/kg ; SAR(10 g) = 0.263 W/kg** Maximum value of SAR (measured) = 0.362 W/kg  $0 \text{ dB} = 0.362 \text{ W/kg} = -4.41 \text{ dBW/kg}$ 

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Test Laboratory: LCS-SAR Lab

LTE Band 41 20M QPSK 1RB99 39750CH Left Cheek

DUT: Smart Phone; Type: HPPH88C Serial: A240705040-1

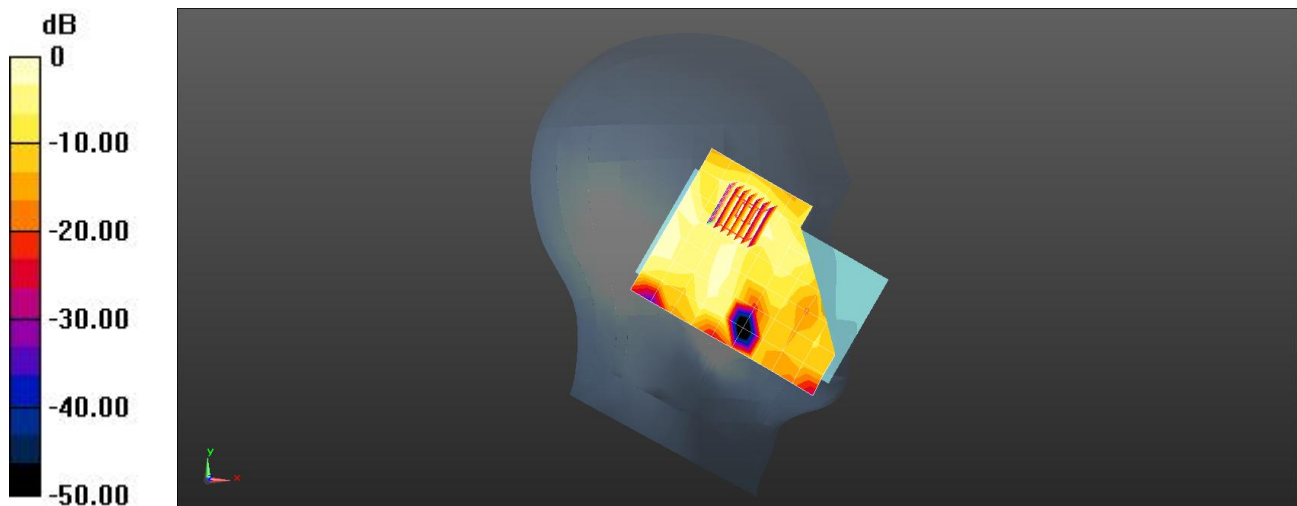
Communication System: UID 0, LTE-TDD (0); Frequency: 2506 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2506$ MHz; $\sigma = 1.994$ S/m; $\epsilon_r = 39.663$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.17, 7.17, 7.17); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Unnamed procedure/Area Scan (8x10x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.096 W/kg

Configuration/Unnamed procedure/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.125 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 0.754 W/kg
SAR(1 g) = 0.108 W/kg; SAR(10 g) = 0.055 W/kg
Maximum value of SAR (measured) = 0.085 W/kg



0 dB = 0.085 W/kg = -10.71 dBW/kg



Date: 2024/7/23

Test Laboratory: LCS-SAR Lab

LTE Band 41 20M QPSK 1RB99 39750CH Rear side 10mm**DUT: Smart Phone; Type: HPPH88C Serial: A240705040-1**

Communication System: UID 0, LTE-TDD (0); Frequency: 2506 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2506$ MHz; $\sigma = 1.994$ S/m; $\epsilon_r = 39.663$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.17, 7.17, 7.17); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Unnamed procedure/Area Scan (9x13x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.132 W/kg

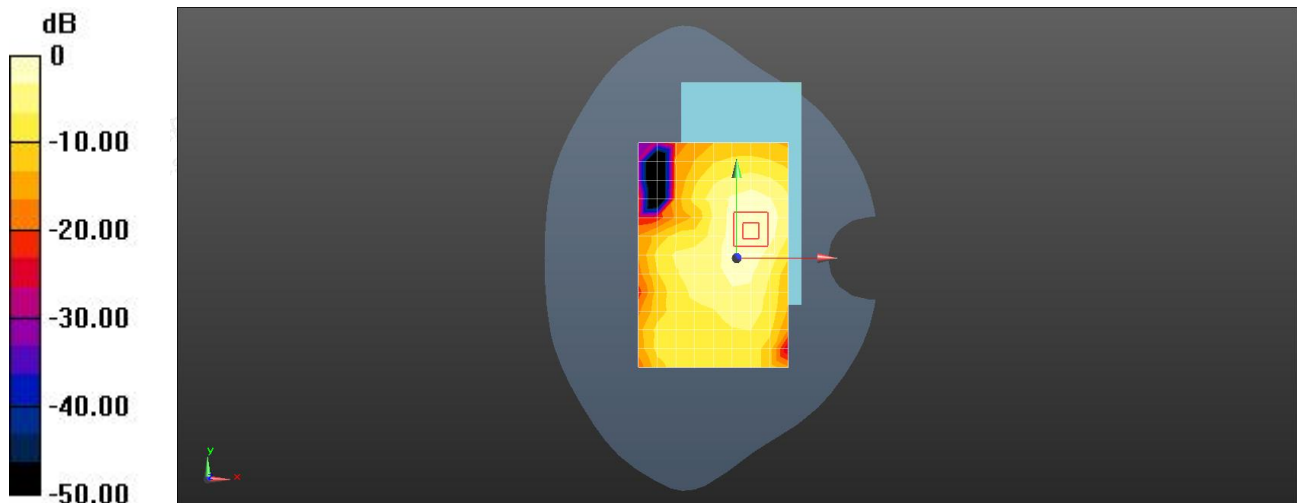
Configuration/Unnamed procedure/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.698 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.169 W/kg

SAR(1 g) = 0.145 W/kg; SAR(10 g) = 0.077 W/kg

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



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



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Date: 2024/7/12

Test Laboratory: LCS-SAR Lab

LTE Band 66 20M QPSK 1RB0 132322CH Left Cheek**DUT: Smart Phone; Type: HPPH88C Serial: A240705040-1**

Communication System: UID 0, LTE-FDD (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1745$ MHz; $\sigma = 1.432$ S/m; $\epsilon_r = 40.365$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(8.16, 8.16, 8.16); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Unnamed procedure/Area Scan (8x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.254 W/kg

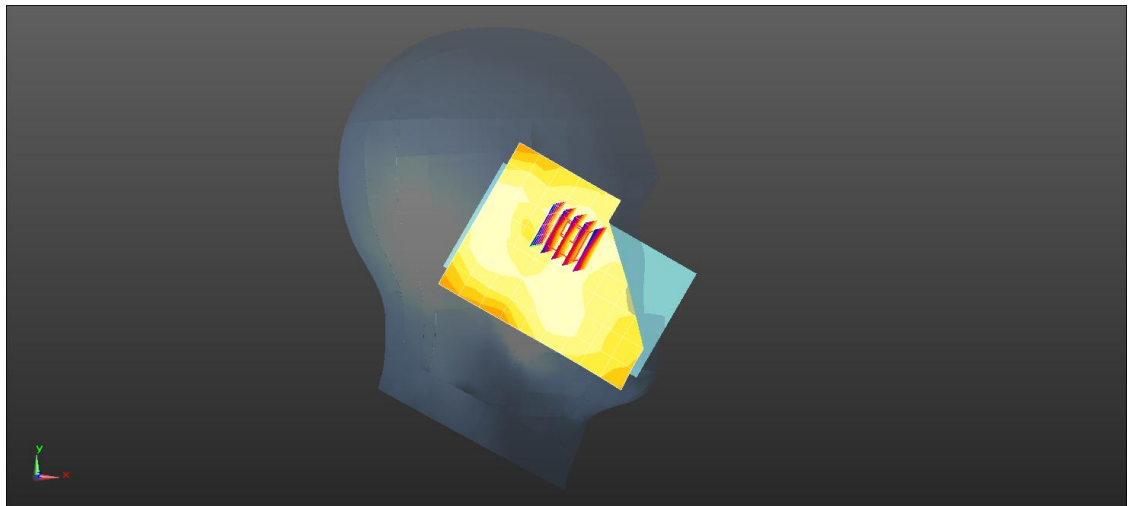
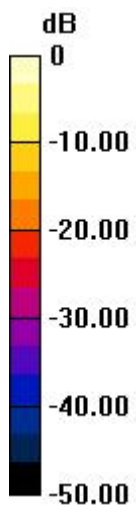
Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.002 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.469 W/kg

SAR(1 g) = 0.168 W/kg; SAR(10 g) = 0.096 W/kg

Maximum value of SAR (measured) = 0.285 W/kg



0 dB = 0.285 W/kg = -5.45 dBW/kg



Date: 2024/7/12

Test Laboratory: LCS-SAR Lab

LTE Band 66 20M QPSK 1RB0 132322CH Rear side 10mm**DUT: Smart Phone; Type: HPPH88C Serial: A240705040-1**

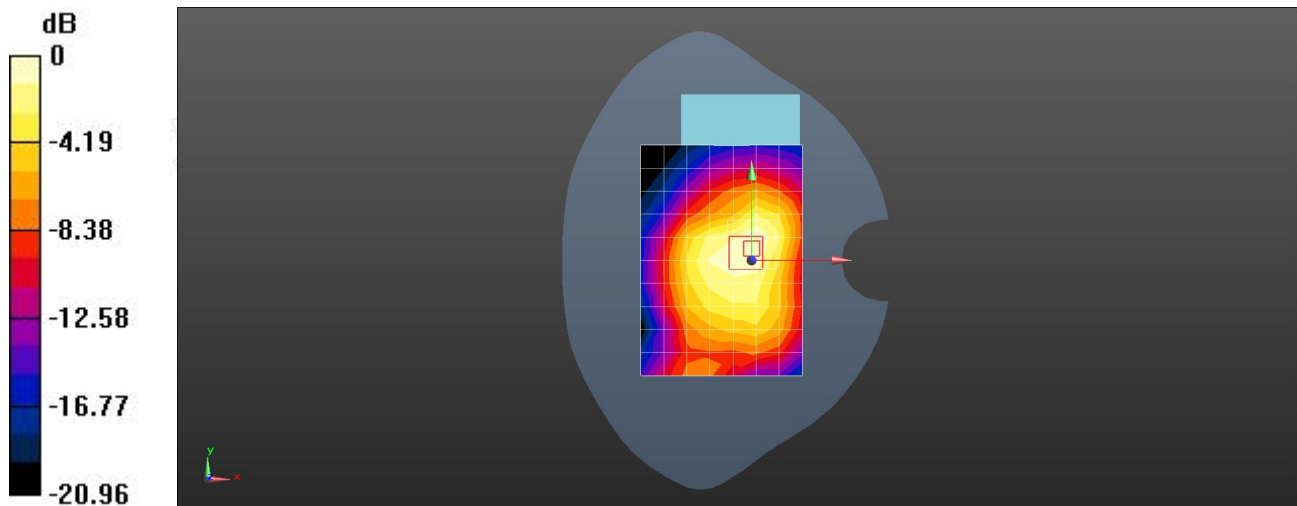
Communication System: UID 0, LTE-FDD (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1745 \text{ MHz}$; $\sigma = 1.432 \text{ S/m}$; $\epsilon_r = 40.365$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(8.16, 8.16, 8.16); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Unnamed procedure/Area Scan (8x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 0.221 W/kg **Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 11.66 V/m ; Power Drift = -0.11 dB Peak SAR (extrapolated) = 0.296 W/kg **SAR(1 g) = 0.187 W/kg ; SAR(10 g) = 0.054 W/kg** Maximum value of SAR (measured) = 0.245 W/kg  $0 \text{ dB} = 0.245 \text{ W/kg} = -6.11 \text{ dBW/kg}$ 

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Date: 2024/7/9

Test Laboratory: LCS-SAR Lab

LTE Band 71 20M QPSK 1RB49 133222CH Left Cheek**DUT: Smart Phone; Type: HPPH88C Serial: A240705040-1**

Communication System: UID 0, LTE-FDD (0); Frequency: 673 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 673$ MHz; $\sigma = 0.869$ S/m; $\epsilon_r = 40.442$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.66, 9.66, 9.66); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Unnamed procedure/Area Scan (8x10x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.396 W/kg

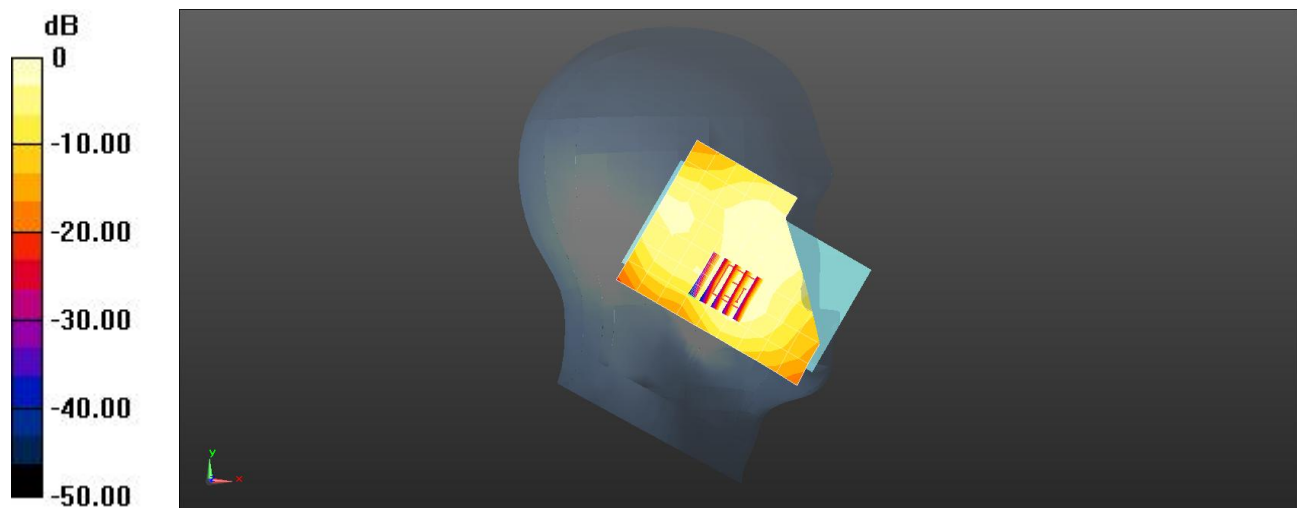
Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.98 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.425 W/kg

SAR(1 g) = 0.254 W/kg; SAR(10 g) = 0.144 W/kg

Maximum value of SAR (measured) = 0.382 W/kg



0 dB = 0.382 W/kg = -4.18 dBW/kg



Date: 2024/7/9

Test Laboratory: LCS-SAR Lab

LTE Band 71 20M QPSK 1RB49 133222CH Rear side 10mm**DUT: Smart Phone; Type: HPPH88C Serial: A240705040-1**

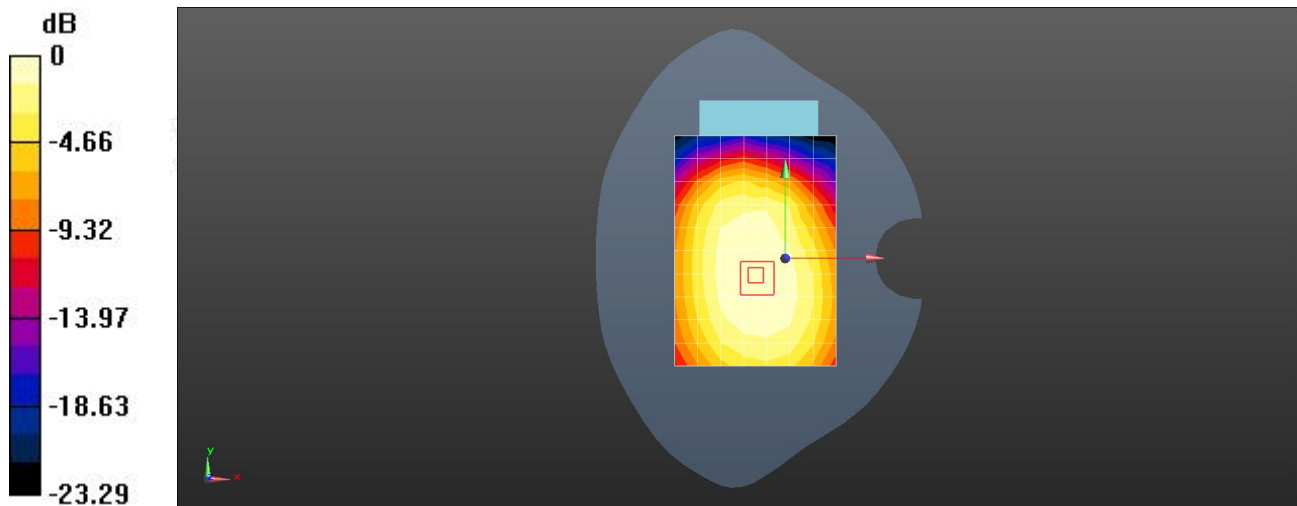
Communication System: UID 0, LTE-FDD (0); Frequency: 673 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 673 \text{ MHz}$; $\sigma = 0.869 \text{ S/m}$; $\epsilon_r = 40.442$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(9.66, 9.66, 9.66); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Unnamed procedure/Area Scan (8x11x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$ Maximum value of SAR (measured) = 0.169 W/kg **Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$ Reference Value = 12.74 V/m ; Power Drift = 0.07 dB Peak SAR (extrapolated) = 0.169 W/kg **SAR(1 g) = 0.254 W/kg ; SAR(10 g) = 0.156 W/kg** Maximum value of SAR (measured) = 0.155 W/kg  $0 \text{ dB} = 0.155 \text{ W/kg} = -8.08 \text{ dBW/kg}$ 

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Test Laboratory: LCS-SAR Lab

WIFI 2.4G 802.11b 1CH Left Cheek

DUT: Smart Phone; Type: HPPH88C Serial: A240705040-1

Communication System: UID 0, WIFI 2.4GHz (0); Frequency: 2412 MHz; Duty Cycle: 1:1.024

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.747$ S/m; $\epsilon_r = 38.425$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.42, 7.42, 7.42); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Unnamed procedure/Area Scan (9x12x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.378 W/kg

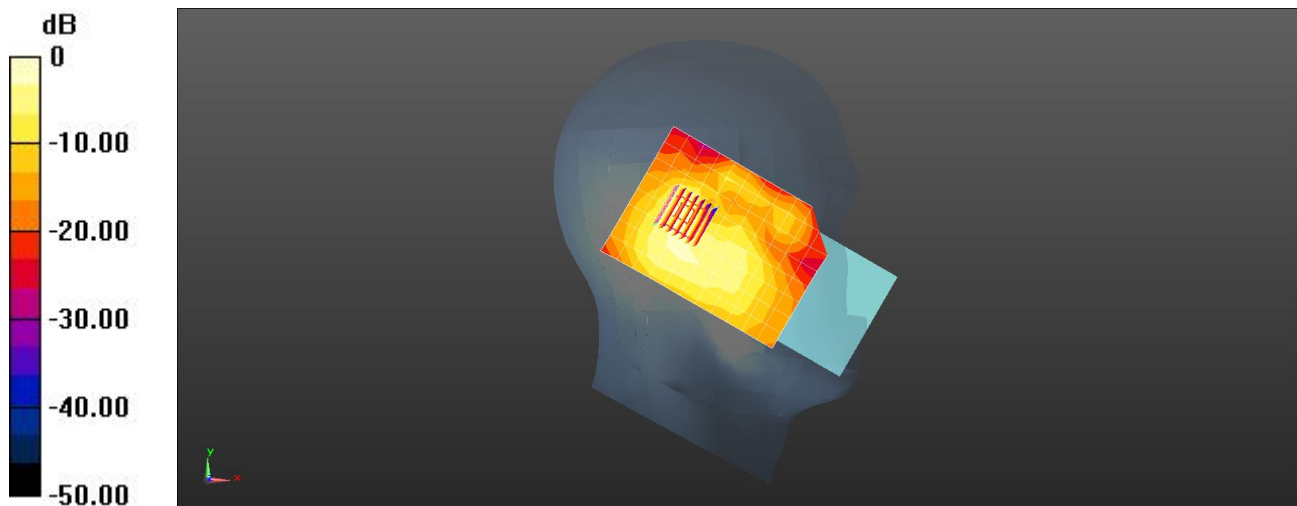
Configuration/Unnamed procedure/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.98 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.354 W/kg

SAR(1 g) = 0.365 W/kg; SAR(10 g) = 0.196 W/kg

Maximum value of SAR (measured) = 0.366 W/kg



0 dB = 0.366 W/kg = -4.37 dBW/kg



Date: 2024/7/18

Test Laboratory: LCS-SAR Lab

WIFI 2.4G 802.11b 1CH Rear side 10mm**DUT: Smart Phone; Type: HPPH88C Serial: A240705040-1**

Communication System: UID 0, WIFI 2.4GHz (0); Frequency: 2412 MHz; Duty Cycle: 1:1.024

Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.747 \text{ S/m}$; $\epsilon_r = 38.425$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.42, 7.42, 7.42); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Unnamed procedure/Area Scan (8x11x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 0.455 W/kg

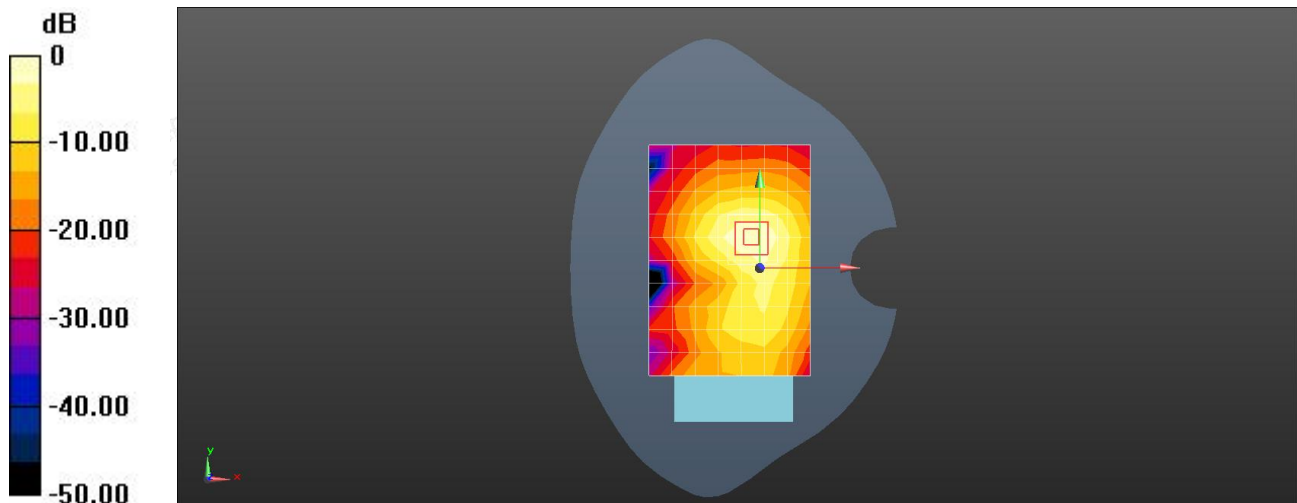
Configuration/Unnamed procedure/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.365 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.745 W/kg

SAR(1 g) = 0.464 W/kg; SAR(10 g) = 0.211 W/kg

Maximum value of SAR (measured) = 0.445 W/kg



0 dB = 0.445 W/kg = -3.52 dBW/kg



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Date: 2024/7/25

Test Laboratory: LCS-SAR Lab

WIFI 5.2G 802.11a 40CH Left Cheek**DUT: Smart Phone; Type: HPPH88C Serial: A240705040-1**

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5200 MHz; Duty Cycle: 1:1.214

Medium parameters used: $f = 5200$ MHz; $\sigma = 4.427$ S/m; $\epsilon_r = 36.587$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(5.38, 5.38, 5.38); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Unnamed procedure/Area Scan (11x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.644 W/kg

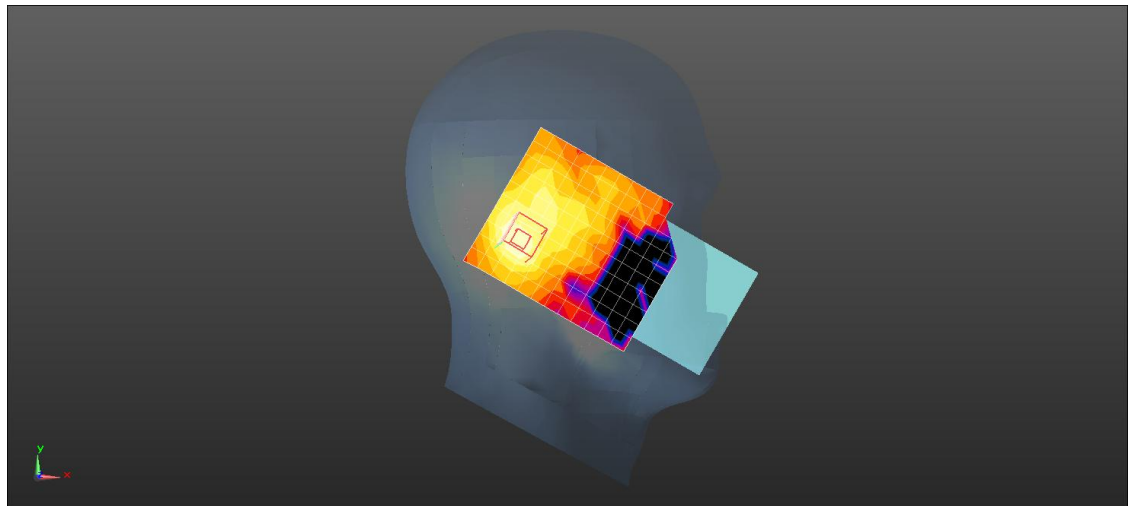
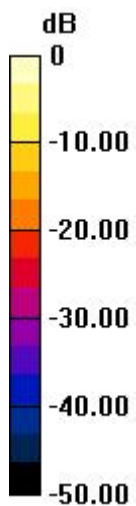
Configuration/Unnamed procedure/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.698 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.321 W/kg; SAR(10 g) = 0.102 W/kg

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



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



Date: 2024/7/25

Test Laboratory: LCS-SAR Lab

WIFI 5.2G 802.11a 40CH Rear side 10mm**DUT: Smart Phone; Type: HPPH88C Serial: A240705040-1**

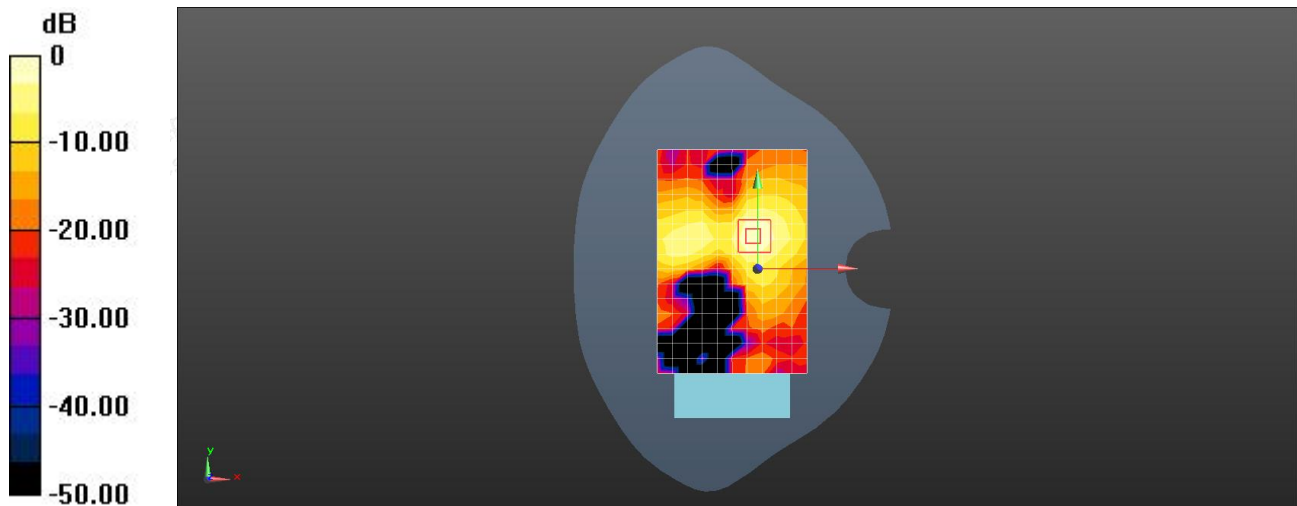
Communication System: UID 0, WIFI 5GHz (0); Frequency: 5200 MHz; Duty Cycle: 1:1.214

Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 4.427 \text{ S/m}$; $\epsilon_r = 36.587$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(5.38, 5.38, 5.38); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Unnamed procedure/Area Scan (11x16x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (measured) = 0.522 W/kg **Configuration/Unnamed procedure/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$ Reference Value = 1.698 V/m ; Power Drift = -0.13 dB Peak SAR (extrapolated) = 1.52 W/kg **SAR(1 g) = 0.398 W/kg ; SAR(10 g) = 0.163 W/kg** Maximum value of SAR (measured) = 0.530 W/kg  $0 \text{ dB} = 0.530 \text{ W/kg} = -2.76 \text{ dBW/kg}$ 

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Scan code to check authenticity



Date: 2024/7/25

Test Laboratory: LCS-SAR Lab

WIFI 5.8G 802.11a 165CH Left Cheek**DUT: Smart Phone; Type: HPPH88C Serial: A240705040-1**

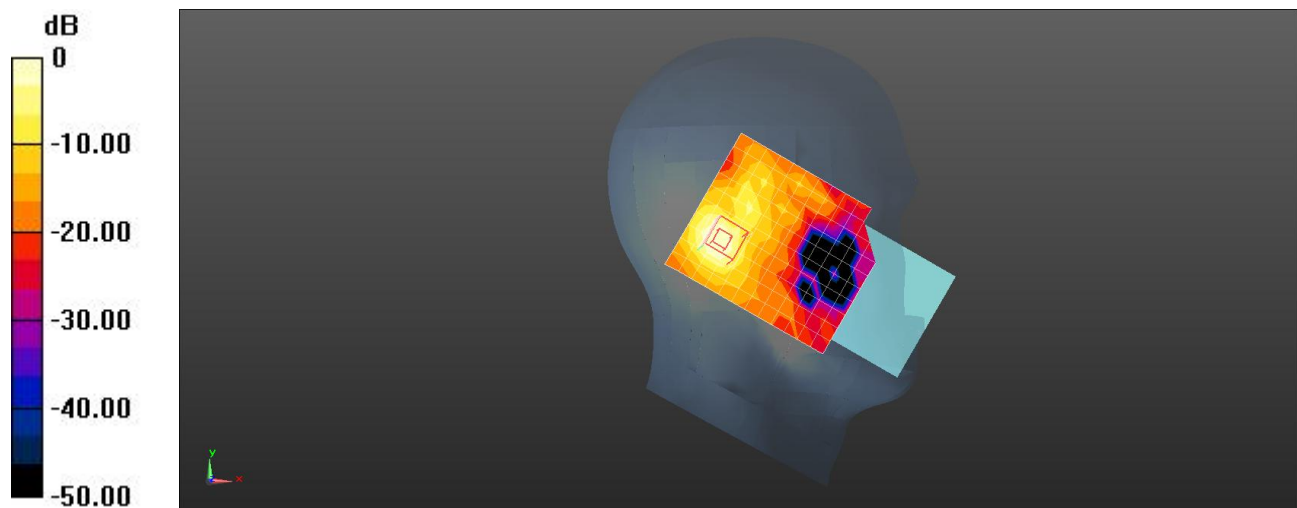
Communication System: UID 0, WIFI 5GHz (0); Frequency: 5825 MHz; Duty Cycle: 1:1.206

Medium parameters used: $f = 5825 \text{ MHz}$; $\sigma = 5.147 \text{ S/m}$; $\epsilon_r = 35.685$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(4.88, 4.88, 4.88); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Unnamed procedure/Area Scan (11x13x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (measured) = 0.933 W/kg **Configuration/Unnamed procedure/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$ Reference Value = 4.698 V/m ; Power Drift = 0.11 dB Peak SAR (extrapolated) = 1.52 W/kg **SAR(1 g) = 0.456 W/kg ; SAR(10 g) = 0.199 W/kg** Maximum value of SAR (measured) = 0.923 W/kg  $0 \text{ dB} = 0.923 \text{ W/kg} = -0.35 \text{ dBW/kg}$



Date: 2024/7/25

Test Laboratory: LCS-SAR Lab

WIFI 5.8G 802.11a 165CH Rear side 10mm**DUT: Smart Phone; Type: HPPH88C Serial: A240705040-1**

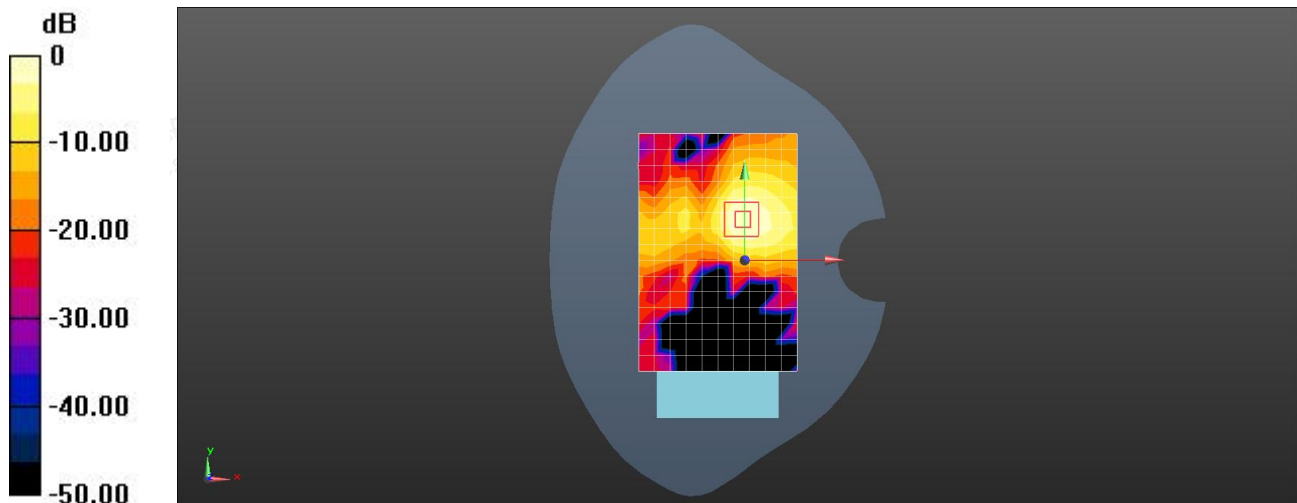
Communication System: UID 0, WIFI 5GHz (0); Frequency: 5825 MHz; Duty Cycle: 1:1.206

Medium parameters used: $f = 5825 \text{ MHz}$; $\sigma = 5.147 \text{ S/m}$; $\epsilon_r = 35.685$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(4.88, 4.88, 4.88); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn373; Calibrated: 2024/1/3
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Unnamed procedure/Area Scan (11x16x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$ Maximum value of SAR (measured) = 0.685 W/kg **Configuration/Unnamed procedure/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$ Reference Value = 0.0642 V/m ; Power Drift = 0.13 dB Peak SAR (extrapolated) = 1.77 W/kg **SAR(1 g) = 0.498 W/kg ; SAR(10 g) = 0.199 W/kg** Maximum value of SAR (measured) = 0.675 W/kg  $0 \text{ dB} = 0.675 \text{ W/kg} = -1.71 \text{ dBW/kg}$ 

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