



# Appendix B

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Test Laboratory: LCS-SAR Lab

## GSM 850 128CH Left Cheek

**DUT: BluePad-5500 Plus; Type: BluePad-5500 Plus; Serial: A231121045-1**

Communication System: UID 0, GSM (0); Frequency: 824.2 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 824.2$  MHz;  $\sigma = 0.921$  S/m;  $\epsilon_r = 41.662$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
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) = 0.238 W/kg

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

Reference Value = 5.396 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.260 W/kg

**SAR(1 g) = 0.207 W/kg; SAR(10 g) = 0.160 W/kg**

Maximum value of SAR (measured) = 0.234 W/kg



0 dB = 0.234 W/kg = -6.31 dBW/kg

Date: 2023/12/05

Test Laboratory: LCS-SAR Lab

**GSM 850 GPRS 4TX 190CH Rear side 10mm****DUT: BluePad-5500 Plus; Type: BluePad-5500 Plus; Serial: A231121045-1**

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

Medium parameters used:  $f = 836.6$  MHz;  $\sigma = 0.903$  S/m;  $\epsilon_r = 41.526$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 0.422 W/kg

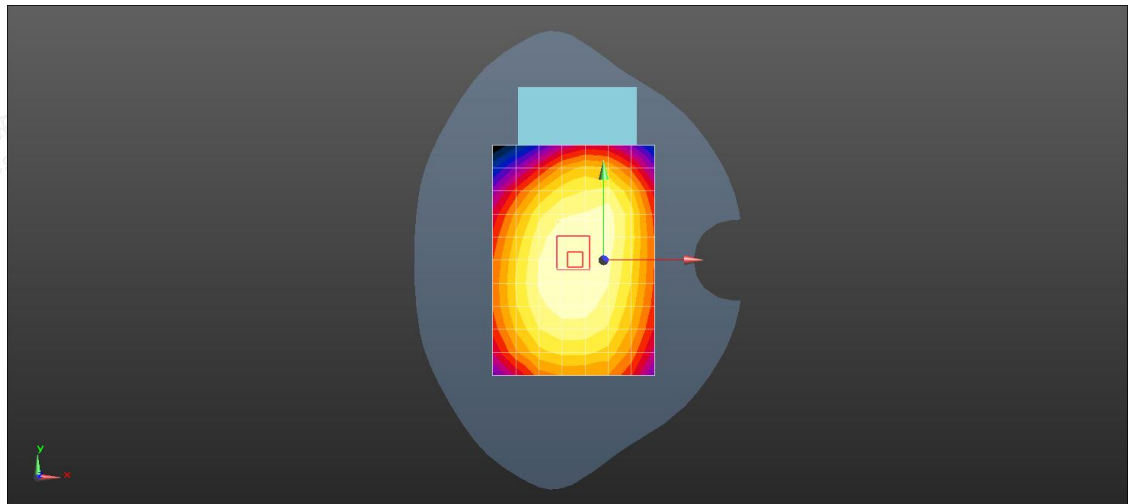
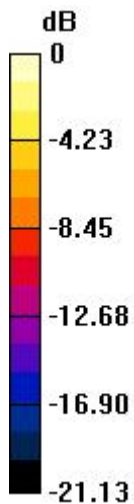
**Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.80 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.466 W/kg

**SAR(1 g) = 0.340 W/kg; SAR(10 g) = 0.252 W/kg**

Maximum value of SAR (measured) = 0.400 W/kg



0 dB = 0.400 W/kg = -3.98 dBW/kg



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Scan code to check authenticity

Test Laboratory: LCS-SAR Lab

**GSM 1900 661CH Left Cheek****DUT: BluePad-5500 Plus; Type: BluePad-5500 Plus; Serial: A231121045-1**

Communication System: UID 0, GSM (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.435$  S/m;  $\epsilon_r = 40.124$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 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) = 0.0717 W/kg

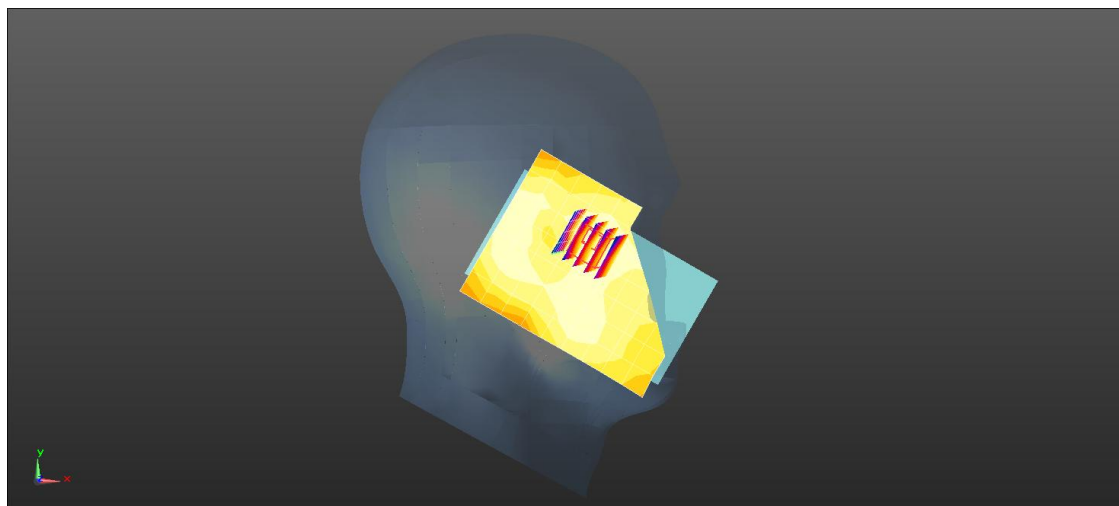
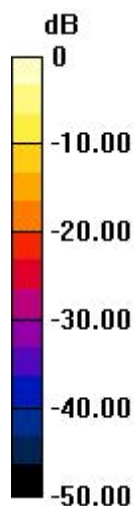
**Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

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

Peak SAR (extrapolated) = 0.0820 W/kg

**SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.036 W/kg**

Maximum value of SAR (measured) = 0.0693 W/kg



0 dB = 0.0693 W/kg = -11.59 dBW/kg

Date: 2023/12/20

Test Laboratory: LCS-SAR Lab

## GSM 1900 GPRS 4TX 661CH Rear side 10mm

**DUT: BluePad-5500 Plus; Type: BluePad-5500 Plus; Serial: A231121045-1**

Communication System: UID 0, GPRS (0); Frequency: 1880 MHz; Duty Cycle: 1:2.075

Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.435$  S/m;  $\epsilon_r = 40.124$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 0.239 W/kg

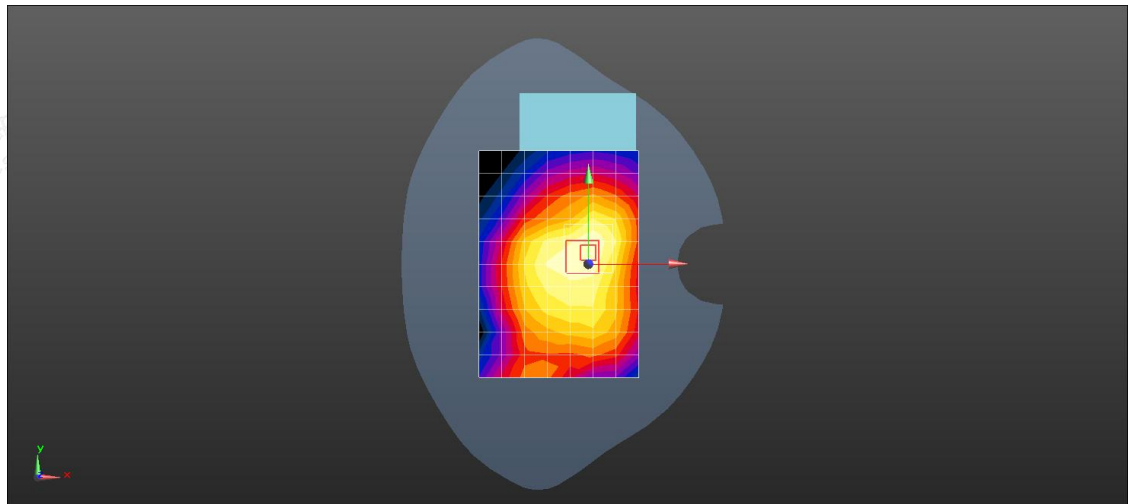
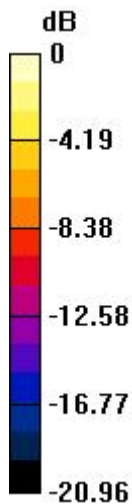
**Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.08 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.297 W/kg

**SAR(1 g) = 0.181 W/kg; SAR(10 g) = 0.109 W/kg**

Maximum value of SAR (measured) = 0.239 W/kg



0 dB = 0.239 W/kg = -6.22 dBW/kg



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Test Laboratory: LCS-SAR Lab

**WCDMA Band II RMC 9400CH Left Cheek****DUT: BluePad-5500 Plus; Type: BluePad-5500 Plus; Serial: A231121045-1**

Communication System: UID 0, WCDMA (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.426$  S/m;  $\epsilon_r = 40.266$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 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), Sensor-Surface: 4mm (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) = 0.156 W/kg

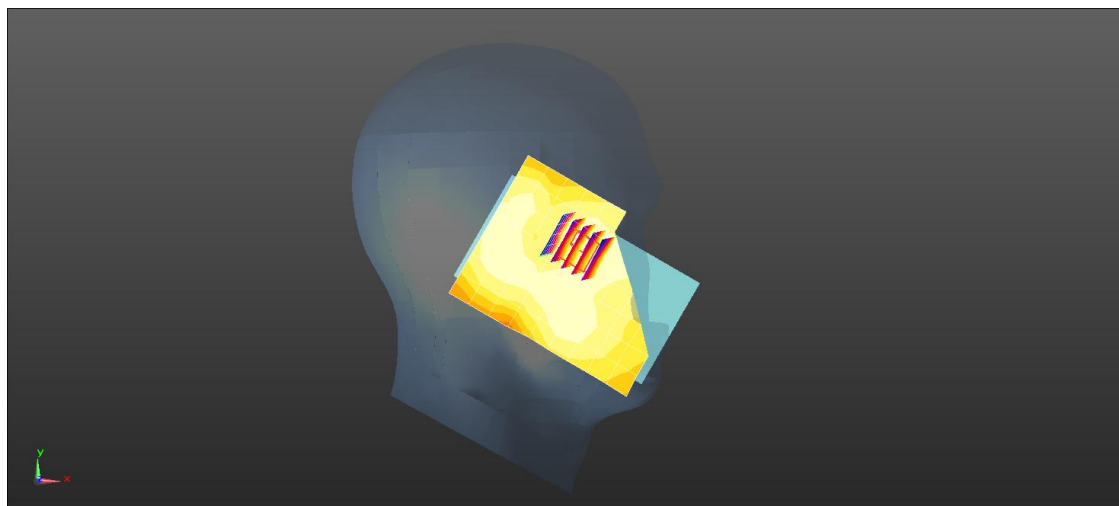
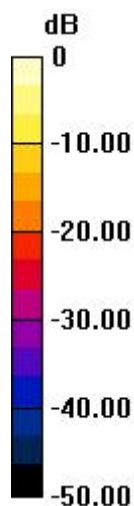
**Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.028 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.183 W/kg

**SAR(1 g) = 0.127 W/kg; SAR(10 g) = 0.082 W/kg**

Maximum value of SAR (measured) = 0.135 W/kg



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

Date: 2023/12/20

Test Laboratory: LCS-SAR Lab

## WCDMA Band II RMC 9400CH Rear side 10mm

**DUT: BluePad-5500 Plus; Type: BluePad-5500 Plus; Serial: A231121045-1**

Communication System: UID 0, WCDMA (0); Frequency: 1880 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.426$  S/m;  $\epsilon_r = 40.266$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
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) = 0.312 W/kg

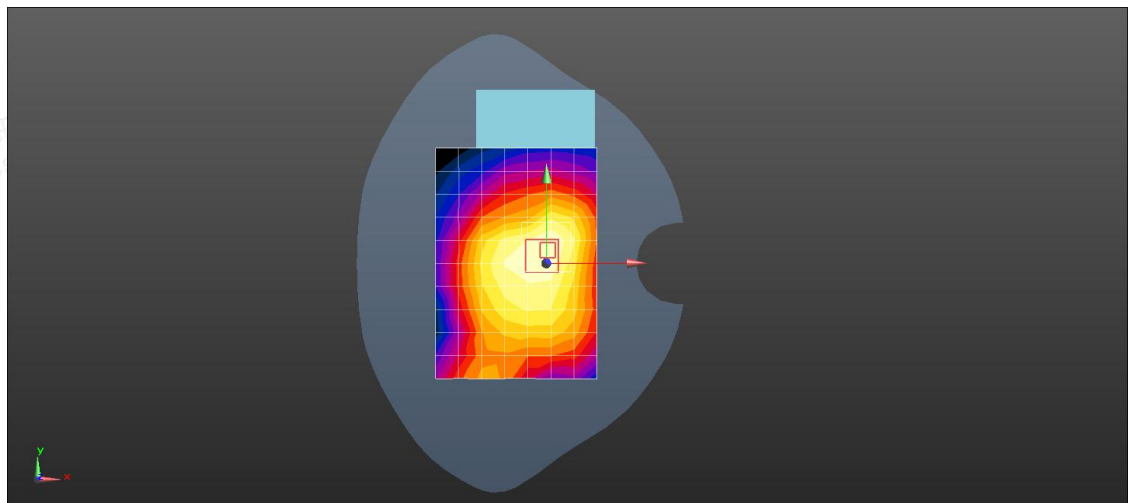
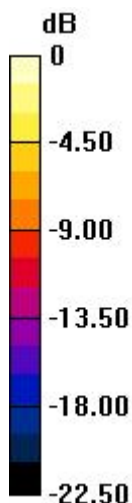
**Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.58 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.403 W/kg

**SAR(1 g) = 0.242 W/kg; SAR(10 g) = 0.146 W/kg**

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



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



Test Laboratory: LCS-SAR Lab

**WCDMA Band IV RCM 1413CH Left Cheek****DUT: BluePad-5500 Plus; Type: BluePad-5500 Plus; Serial: A231121045-1**

Communication System: UID 0, WCDMA (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1732.6$  MHz;  $\sigma = 1.328$  S/m;  $\epsilon_r = 40.122$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 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), Sensor-Surface: 4mm (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) = 0.216 W/kg

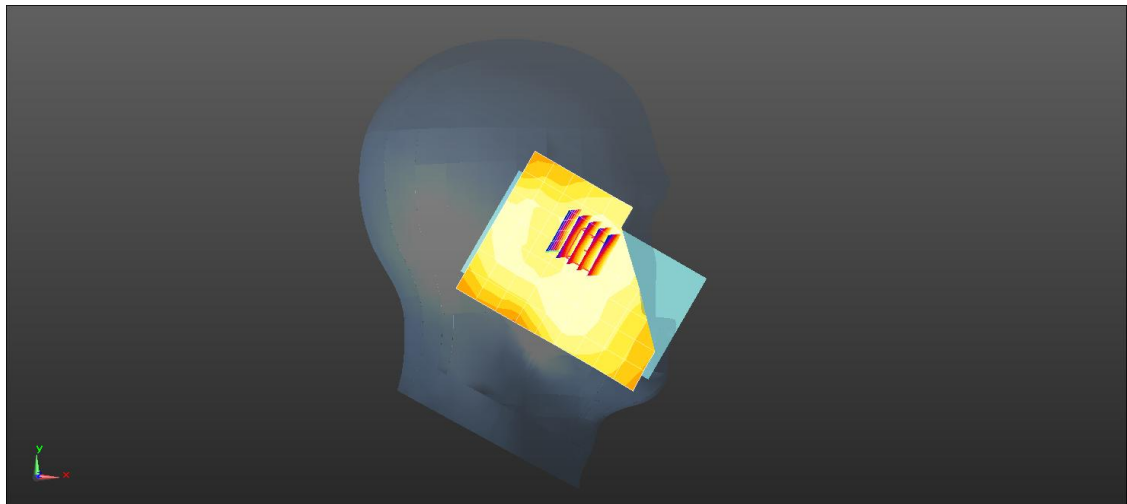
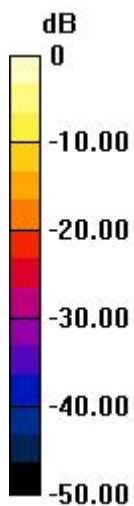
**Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.540 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.251 W/kg

**SAR(1 g) = 0.175 W/kg; SAR(10 g) = 0.118 W/kg**

Maximum value of SAR (measured) = 0.190 W/kg



0 dB = 0.190 W/kg = -7.21 dBW/kg



Date: 2023/12/12

Test Laboratory: LCS-SAR Lab

## WCDMA Band IV RCM 1413CH Rear side 10mm

**DUT: BluePad-5500 Plus; Type: BluePad-5500 Plus; Serial: A231121045-1**

Communication System: UID 0, WCDMA (0); Frequency: 1732.6 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1732.6$  MHz;  $\sigma = 1.328$  S/m;  $\epsilon_r = 40.122$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
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=15mm, dy=15mm

Maximum value of SAR (measured) = 0.501 W/kg

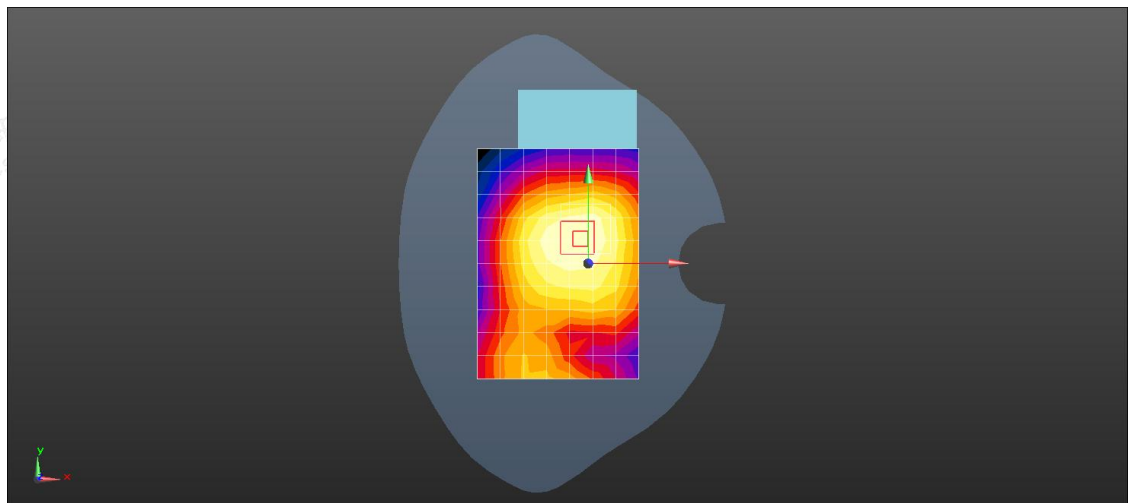
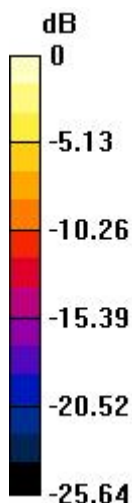
**Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.58 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.626 W/kg

**SAR(1 g) = 0.408 W/kg; SAR(10 g) = 0.260 W/kg**

Maximum value of SAR (measured) = 0.510 W/kg



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



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Test Laboratory: LCS-SAR Lab

## WCDMA Band V RCM 4182CH Left Cheek

**DUT: BluePad-5500 Plus; Type: BluePad-5500 Plus; Serial: A231121045-1**

Communication System: UID 0, WCDMA (0); Frequency: 836.4 MHz; Duty Cycle: 1:1  
Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.921$  S/m;  $\epsilon_r = 41.524$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
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), Sensor-Surface: 4mm (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

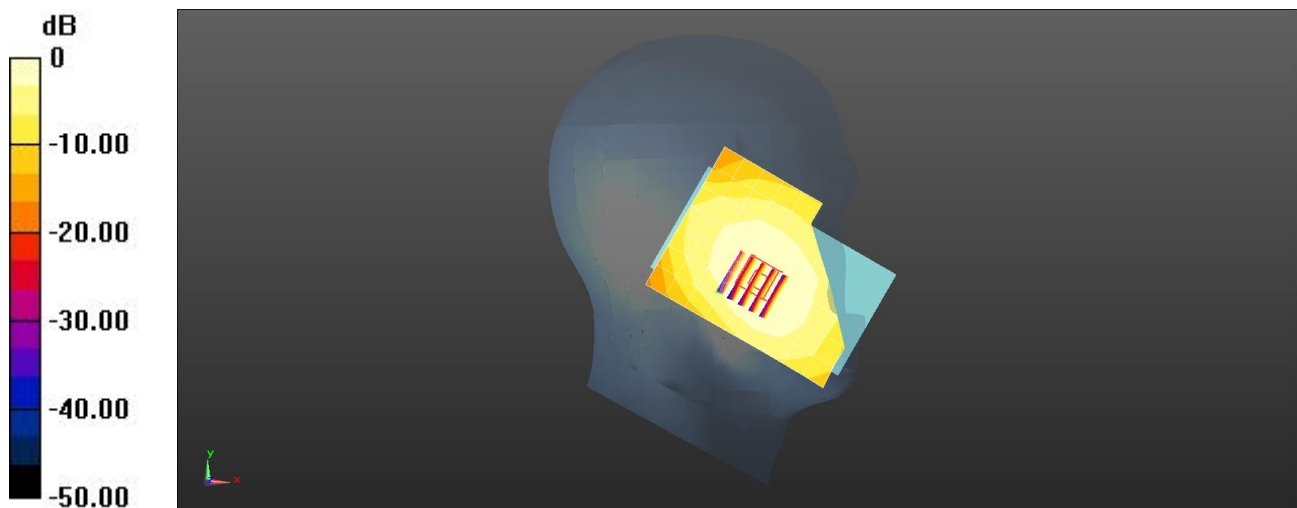
**Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.796 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.306 W/kg

**SAR(1 g) = 0.242 W/kg; SAR(10 g) = 0.184 W/kg**

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



0 dB = 0.253 W/kg = -5.97 dBW/kg

Date: 2023/12/05

Test Laboratory: LCS-SAR Lab

**WCDMA Band V RCM 4182CH Rear side 10mm****DUT: BluePad-5500 Plus; Type: BluePad-5500 Plus; Serial: A231121045-1**

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

Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.921$  S/m;  $\epsilon_r = 41.524$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 0.334 W/kg

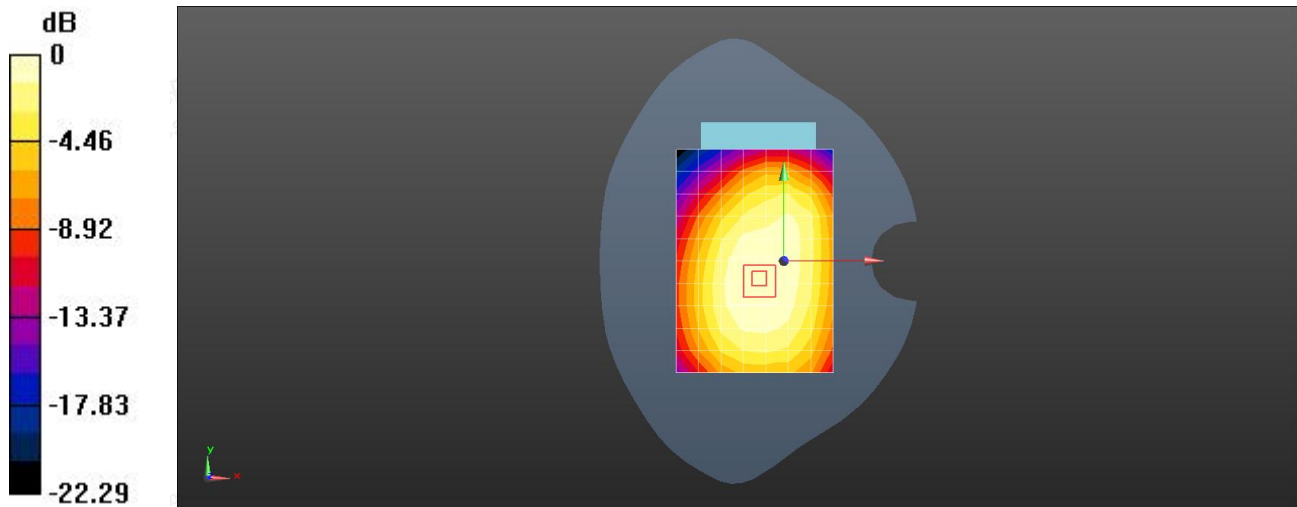
**Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.36 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.383 W/kg

**SAR(1 g) = 0.288 W/kg; SAR(10 g) = 0.216 W/kg**

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



0 dB = 0.334 W/kg = -4.77 dBW/kg



Test Laboratory: LCS-SAR Lab

## LTE Band 7 20M QPSK 1RB49 20850CH Left Cheek

**DUT: BluePad-5500 Plus; Type: BluePad-5500 Plus; Serial: A231121045-1**

Communication System: UID 0, LTE-FDD (0); Frequency: 2510 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 2510$  MHz;  $\sigma = 1.887$  S/m;  $\epsilon_r = 38.778$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 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), Sensor-Surface: 4mm (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) = 0.222 W/kg

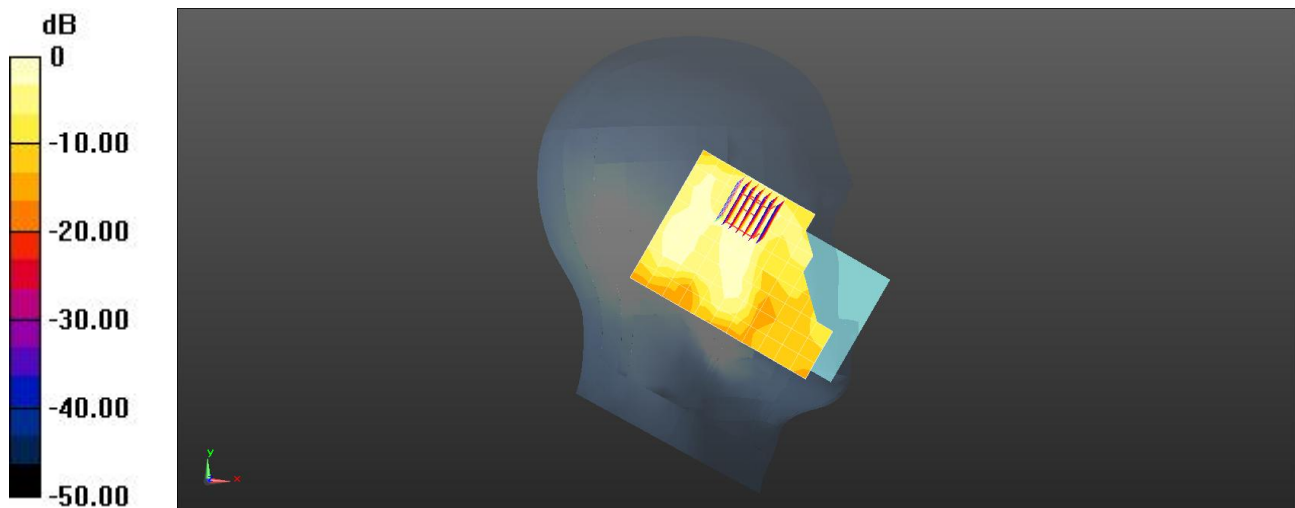
**Configuration/Unnamed procedure/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.018 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.305 W/kg

**SAR(1 g) = 0.144 W/kg; SAR(10 g) = 0.076 W/kg**

Maximum value of SAR (measured) = 0.222 W/kg



0 dB = 0.222 W/kg = -6.53 dBW/kg

Date: 2024/03/02

Test Laboratory: LCS-SAR Lab

**LTE Band 7 20M QPSK 50%RB0 21100CH Rear side 10mm****DUT: BluePad-5500 Plus; Type: BluePad-5500 Plus; Serial: A231121045-1**

Communication System: UID 0, LTE-FDD (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2535$  MHz;  $\sigma = 1.887$  S/m;  $\epsilon_r = 38.778$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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), Sensor-Surface: 4mm (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=12mm, dy=12mm

Maximum value of SAR (measured) = 0.279 W/kg

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

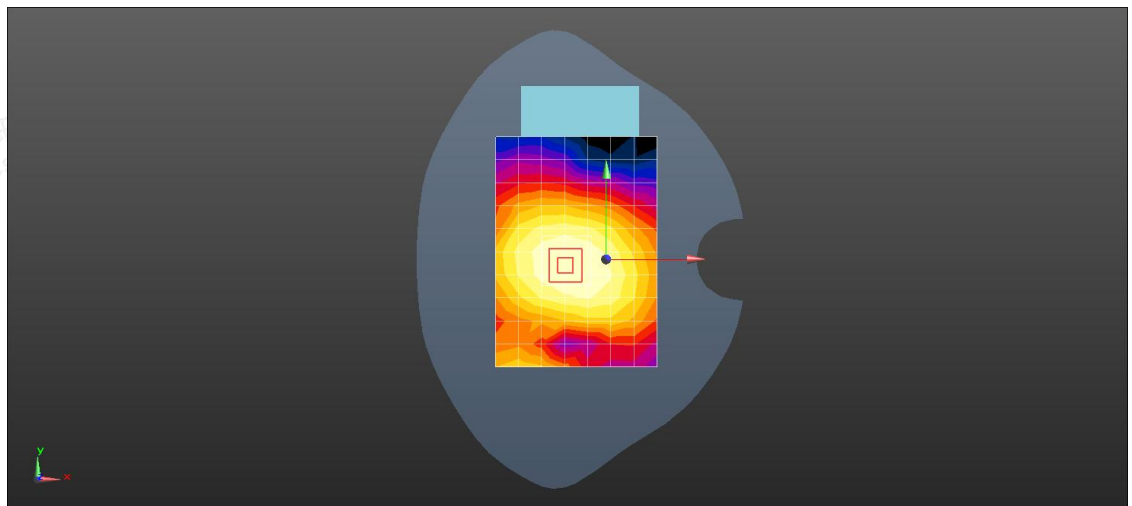
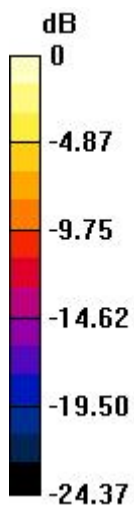
dz=5mm

Reference Value = 11.46 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.351 W/kg

**SAR(1 g) = 0.235 W/kg; SAR(10 g) = 0.154 W/kg**

Maximum value of SAR (measured) = 0.279 W/kg



0 dB = 0.279 W/kg = -5.54 dBW/kg



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Scan code to check authenticity

Test Laboratory: LCS-SAR Lab

**LTE Band 12 10M QPSK 1RB24 23095CH Left Cheek****DUT: BluePad-5500 Plus; Type: BluePad-5500 Plus; Serial: A231121045-1**

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

Medium parameters used (interpolated):  $f = 707.5$  MHz;  $\sigma = 0.865$  S/m;  $\epsilon_r = 41.474$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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), Sensor-Surface: 4mm (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) = 0.103 W/kg

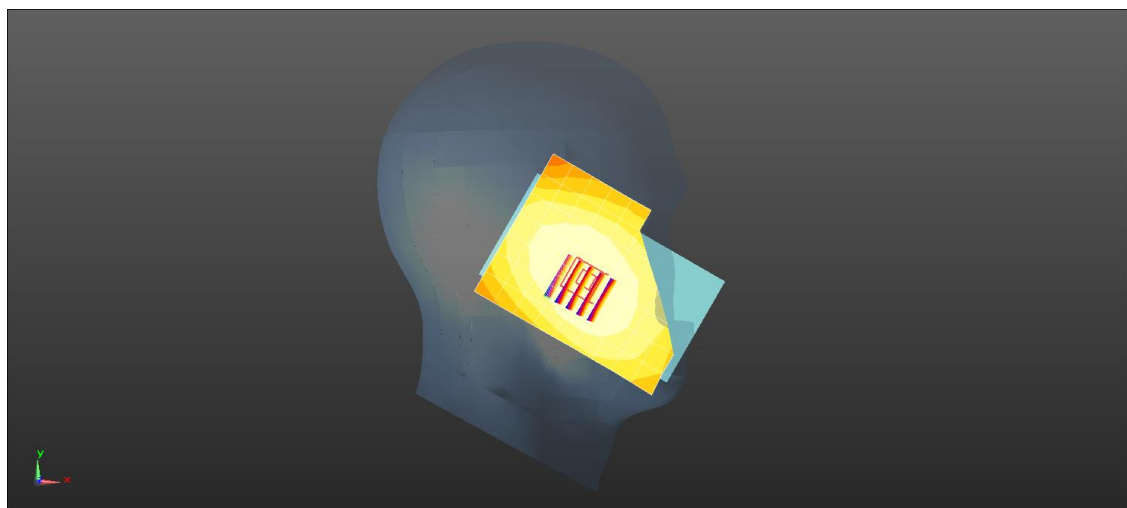
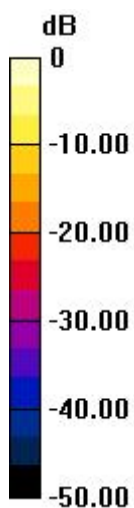
**Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.863 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.108 W/kg

**SAR(1 g) = 0.089 W/kg; SAR(10 g) = 0.070 W/kg**

Maximum value of SAR (measured) = 0.103 W/kg



0 dB = 0.103 W/kg = -9.87 dBW/kg

Date: 2023/12/01

Test Laboratory: LCS-SAR Lab

**LTE Band 12 10M QPSK 1RB24 23095CH Rear side 10mm****DUT: BluePad-5500 Plus; Type: BluePad-5500 Plus; Serial: A231121045-1**

Communication System: UID 0, LTE-FDD (0); Frequency: 707.5 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 707.5$  MHz;  $\sigma = 0.865$  S/m;  $\epsilon_r = 41.474$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
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), Sensor-Surface: 4mm (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) = 0.123 W/kg

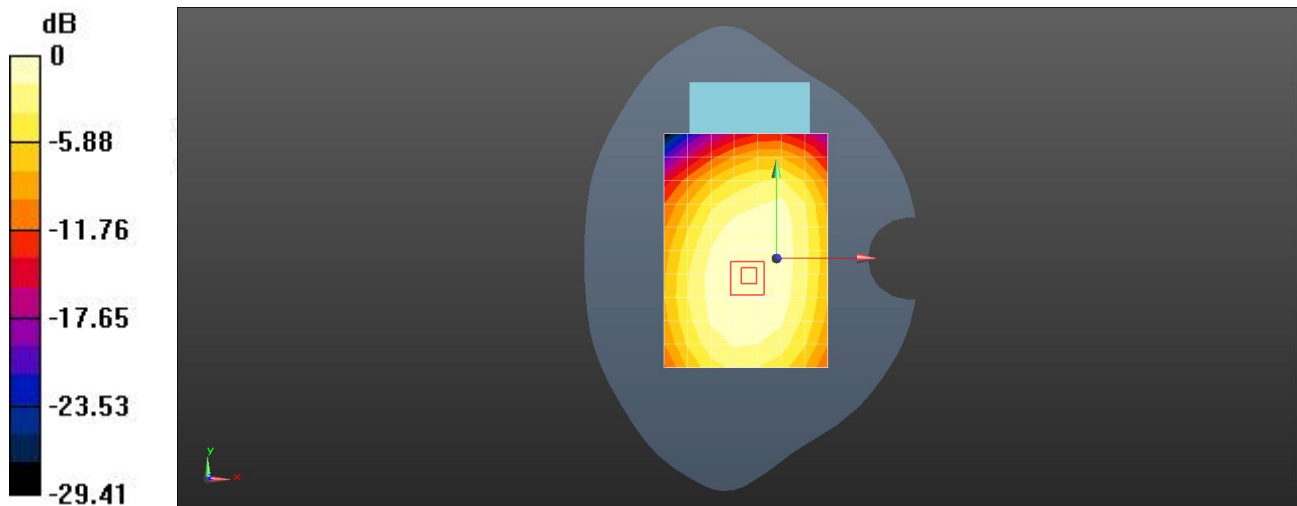
**Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.18 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.127 W/kg

**SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.080 W/kg**

Maximum value of SAR (measured) = 0.123 W/kg



0 dB = 0.123 W/kg = -9.10 dBW/kg



Test Laboratory: LCS-SAR Lab

## LTE Band 25 20M QPSK 1RB49 26590CH Left Cheek

**DUT: BluePad-5500 Plus; Type: BluePad-5500 Plus; Serial: A231121045-1**

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

Medium parameters used:  $f = 1905$  MHz;  $\sigma = 1.389$  S/m;  $\epsilon_r = 40.110$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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), Sensor-Surface: 4mm (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) = 0.231 W/kg

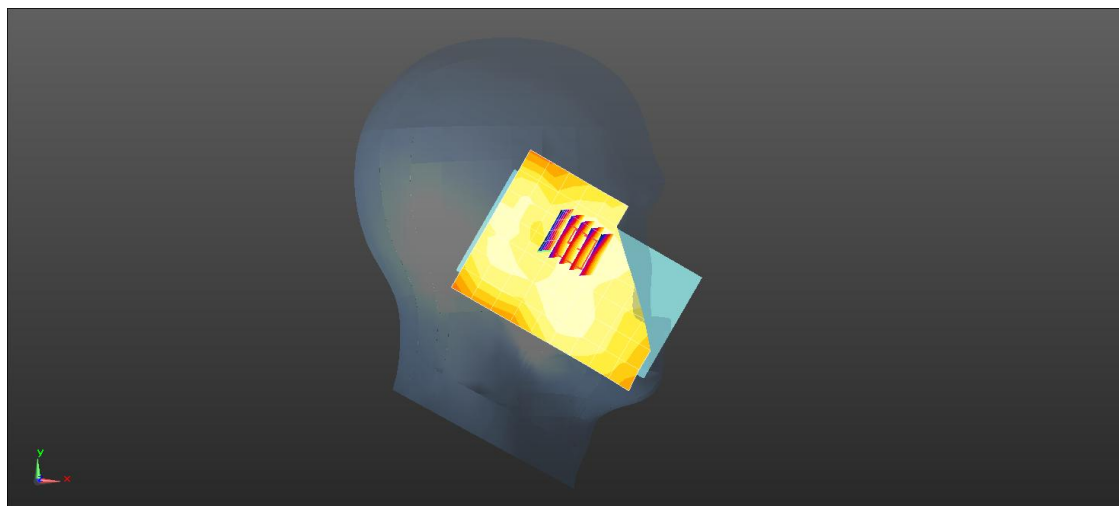
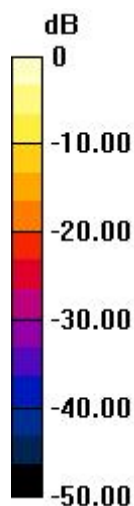
**Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.599 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.278 W/kg

**SAR(1 g) = 0.187 W/kg; SAR(10 g) = 0.119 W/kg**

Maximum value of SAR (measured) = 0.231 W/kg



0 dB = 0.231 W/kg = -6.36 dBW/kg



Date: 2023/12/20

Test Laboratory: LCS-SAR Lab

**LTE Band 25 20M QPSK 1RB49 26590CH Rear side 10mm****DUT: BluePad-5500 Plus; Type: BluePad-5500 Plus; Serial: A231121045-1**

Communication System: UID 0, LTE-FDD (0); Frequency: 1905 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1905$  MHz;  $\sigma = 1.389$  S/m;  $\epsilon_r = 40.110$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
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), Sensor-Surface: 4mm (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) = 0.354 W/kg

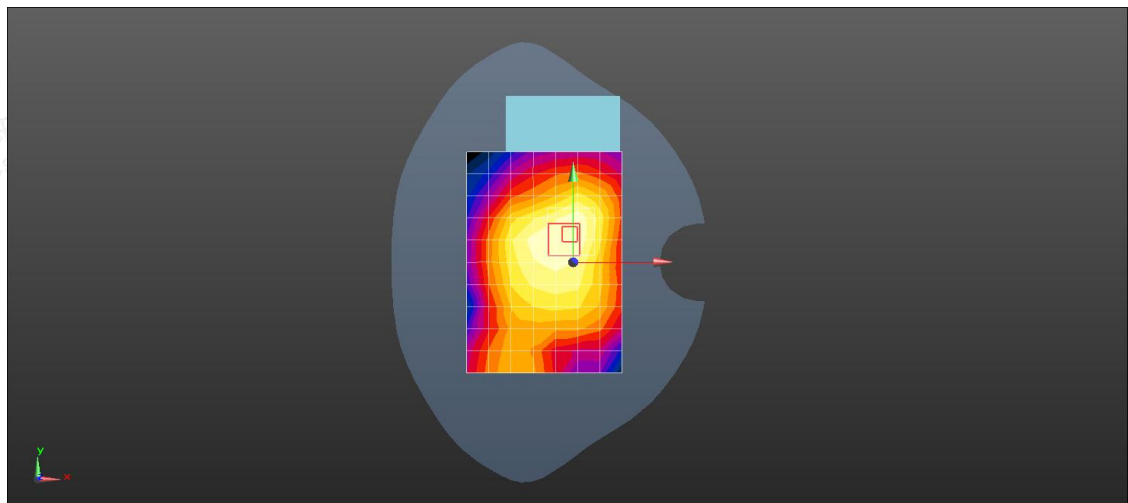
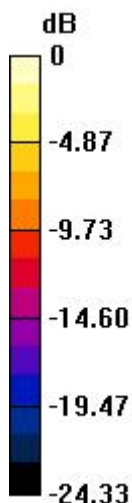
**Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.76 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.478 W/kg

**SAR(1 g) = 0.289 W/kg; SAR(10 g) = 0.175 W/kg**

Maximum value of SAR (measured) = 0.354 W/kg



0 dB = 0.354 W/kg = -4.51 dBW/kg



Test Laboratory: LCS-SAR Lab

**LTE Band 26 10M QPSK 1RB24 26740CH Left Cheek****DUT: BluePad-5500 Plus; Type: BluePad-5500 Plus; Serial: A231121045-1**

Communication System: UID 0, LTE-FDD (0); Frequency: 819 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 819$  MHz;  $\sigma = 0.896$  S/m;  $\epsilon_r = 41.224$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 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), Sensor-Surface: 4mm (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) = 0.284 W/kg

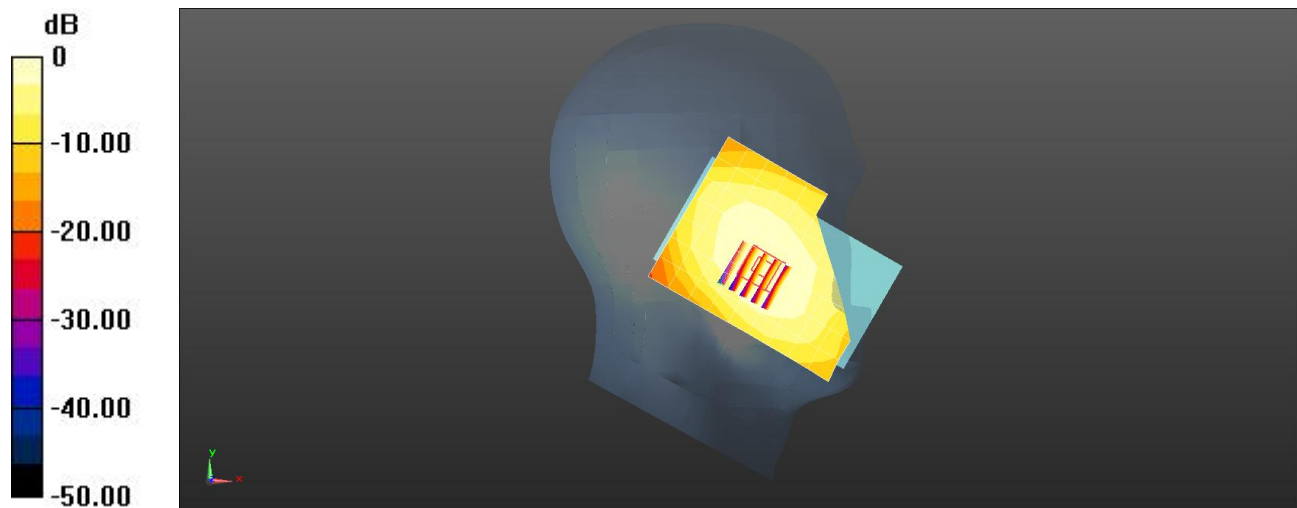
**Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.825 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.329 W/kg

**SAR(1 g) = 0.255 W/kg; SAR(10 g) = 0.194 W/kg**

Maximum value of SAR (measured) = 0.284 W/kg



0 dB = 0.284 W/kg = -5.46 dBW/kg

Date: 2023/12/05

Test Laboratory: LCS-SAR Lab

**LTE Band 26 10M QPSK 1RB24 26740CH Rear side 10mm****DUT: BluePad-5500 Plus; Type: BluePad-5500 Plus; Serial: A231121045-1**

Communication System: UID 0, LTE-FDD (0); Frequency: 819 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 819$  MHz;  $\sigma = 0.896$  S/m;  $\epsilon_r = 41.224$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
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), Sensor-Surface: 4mm (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) = 0.356 W/kg

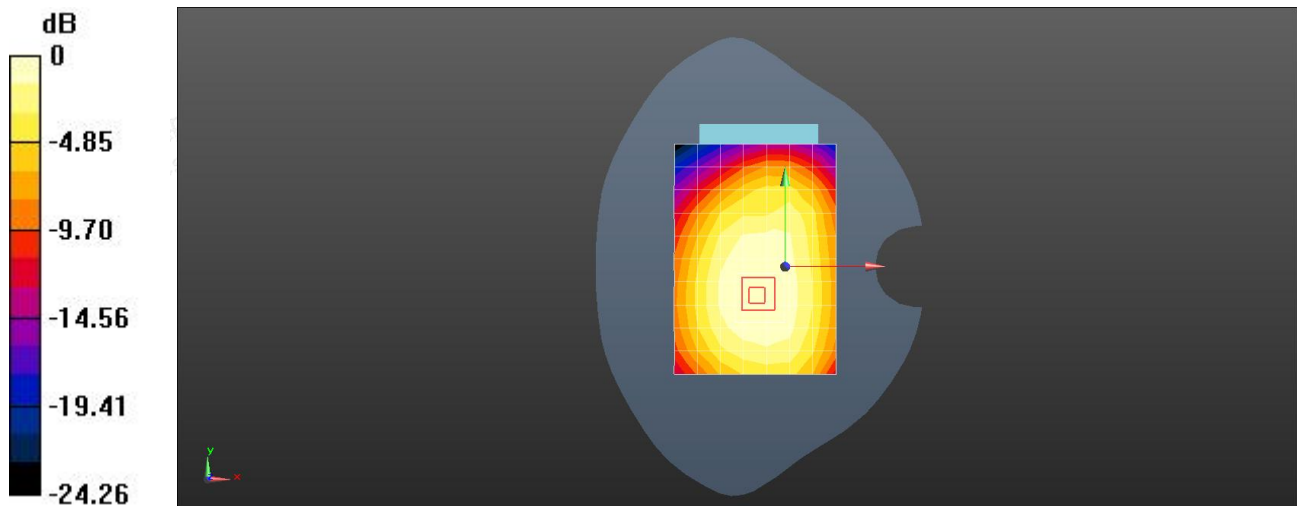
**Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.65 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.379 W/kg

**SAR(1 g) = 0.303 W/kg; SAR(10 g) = 0.229 W/kg**

Maximum value of SAR (measured) = 0.356 W/kg



0 dB = 0.356 W/kg = -4.48 dBW/kg



Test Laboratory: LCS-SAR Lab

**LTE Band 38 20M QPSK 1RB49 38000CH Left Cheek****DUT: BluePad-5500 Plus; Type: BluePad-5500 Plus; Serial: A231121045-1**

Communication System: UID 0, LTE-FDD (0); Frequency: 2595 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 2595$  MHz;  $\sigma = 1.996$  S/m;  $\epsilon_r = 40.652$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 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), Sensor-Surface: 4mm (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) = 0.341 W/kg

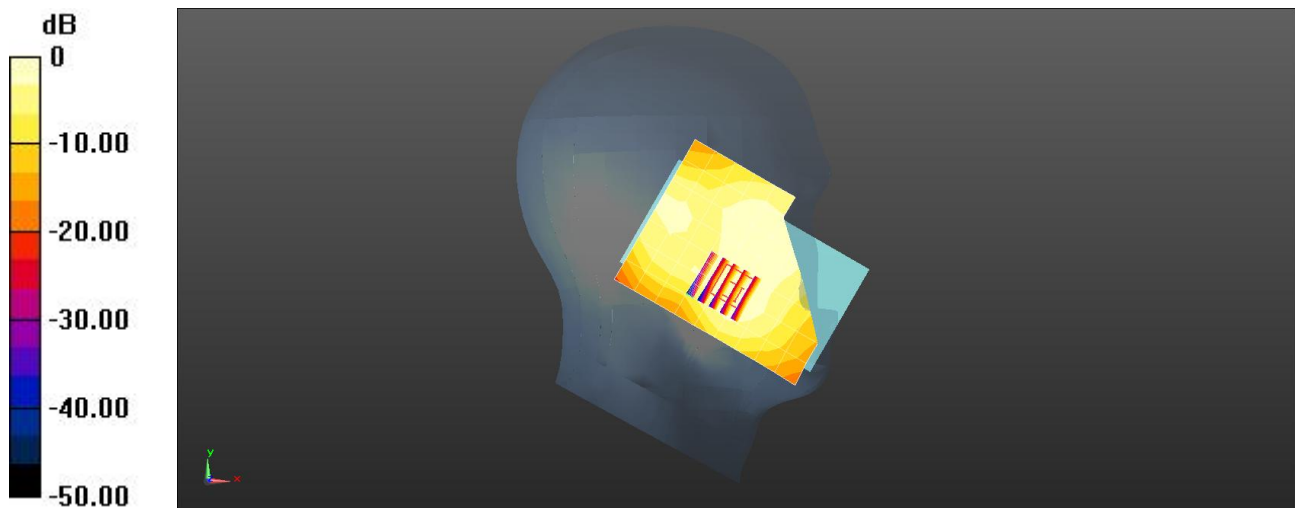
**Configuration/Unnamed procedure/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.17 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.444 W/kg

**SAR(1 g) = 0.235 W/kg; SAR(10 g) = 0.126 W/kg**

Maximum value of SAR (measured) = 0.341 W/kg



0 dB = 0.341 W/kg = -4.67 dBW/kg

Date: 2024/03/02

Test Laboratory: LCS-SAR Lab

**LTE Band 38 20M QPSK 1RB49 38000CH Rear side 10mm****DUT: BluePad-5500 Plus; Type: BluePad-5500 Plus; Serial: A231121045-1**

Communication System: UID 0, LTE-FDD (0); Frequency: 2595 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2595$  MHz;  $\sigma = 1.996$  S/m;  $\epsilon_r = 40.652$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
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), Sensor-Surface: 4mm (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=12mm, dy=12mm

Maximum value of SAR (measured) = 0.155 W/kg

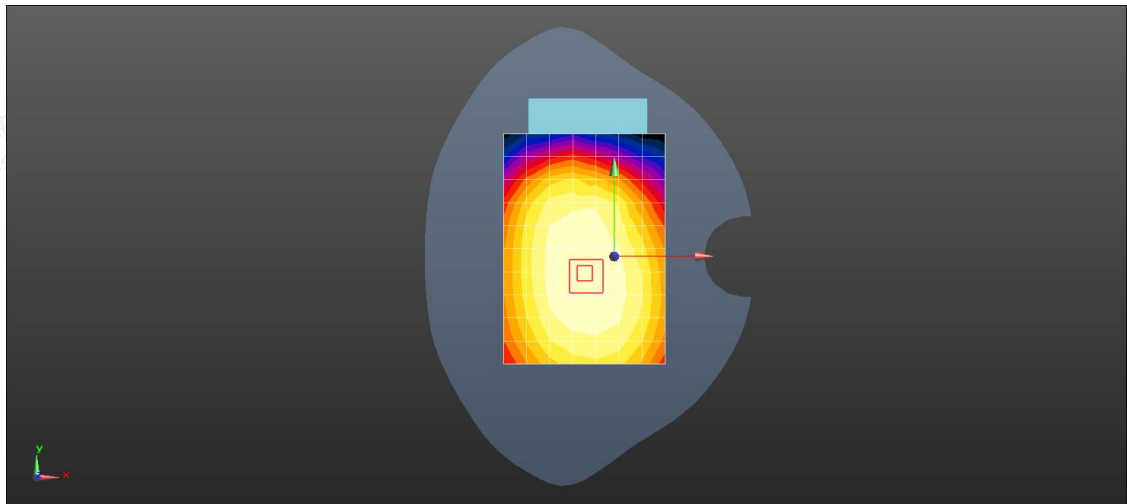
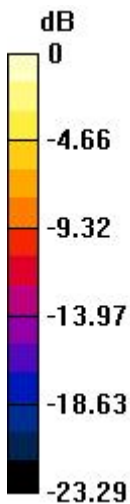
**Configuration/Unnamed procedure/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.34 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.164 W/kg

**SAR(1 g) = 0.185 W/kg; SAR(10 g) = 0.163 W/kg**

Maximum value of SAR (measured) = 0.155 W/kg



Test Laboratory: LCS-SAR Lab

## LTE Band 41 20M QPSK 1RB49 40620CH Left Cheek

**DUT: BluePad-5500 Plus; Type: BluePad-5500 Plus; Serial: A231121045-1**

Communication System: UID 0, LTE-TDD (0); Frequency: 2593 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2593$  MHz;  $\sigma = 1.944$  S/m;  $\epsilon_r = 39.181$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
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) = 0.0838 W/kg

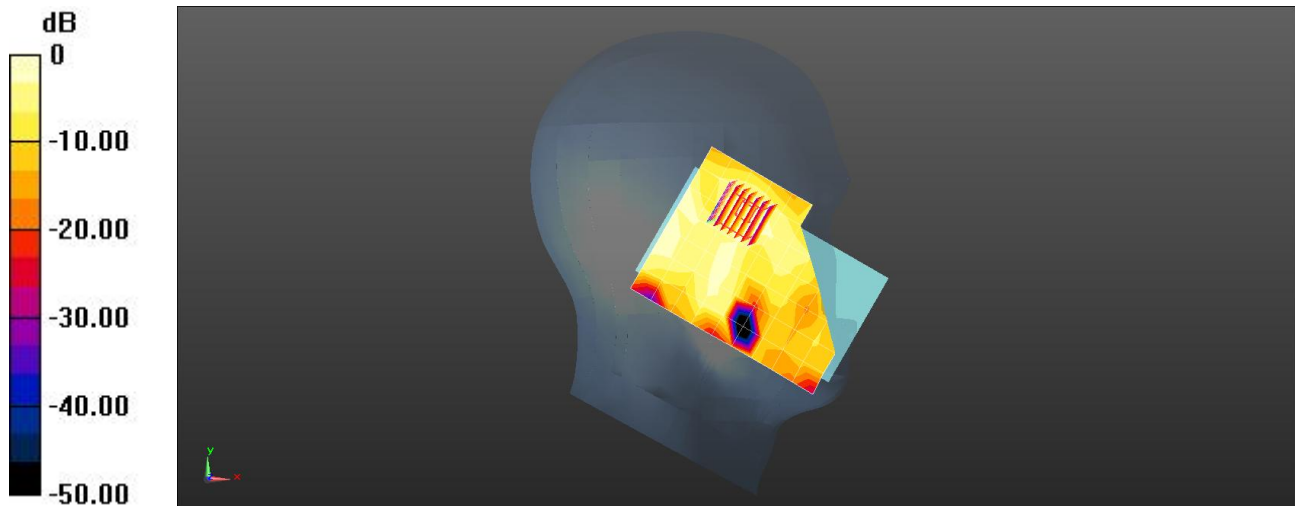
**Configuration/Unnamed procedure/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.428 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.214 W/kg

**SAR(1 g) = 0.089 W/kg; SAR(10 g) = 0.039 W/kg**

Maximum value of SAR (measured) = 0.149 W/kg



Date/Time: 2024/03/02

Test Laboratory: LCS-SAR Lab

**LTE Band 41 20M QPSK 1RB49 40620CH Rear side 10mm****DUT: BluePad-5500 Plus; Type: BluePad-5500 Plus; Serial: A231121045-1**

Communication System: UID 0, LTE-TDD (0); Frequency: 2593 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 2593$  MHz;  $\sigma = 1.944$  S/m;  $\epsilon_r = 39.181$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
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) = 0.142 W/kg

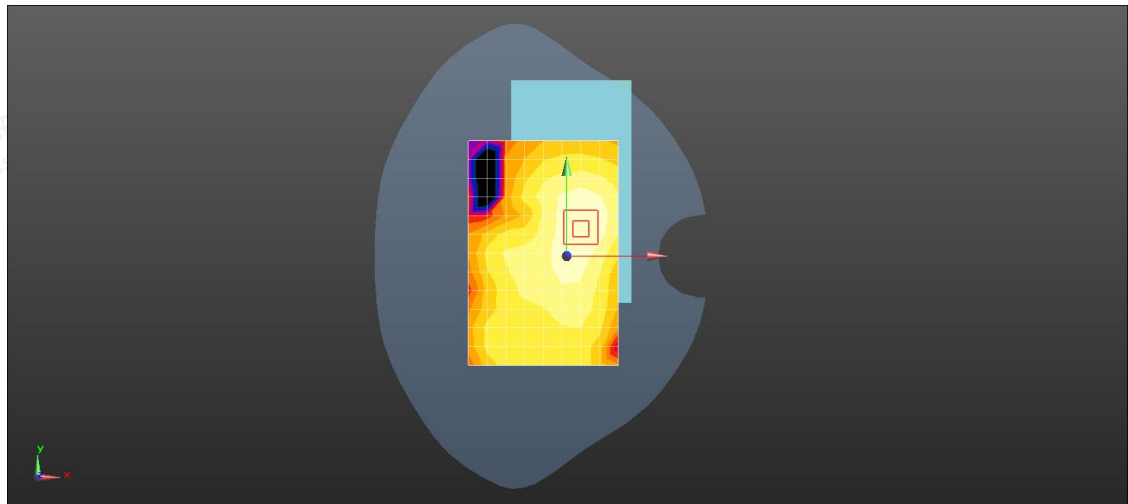
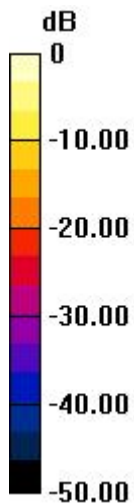
**Configuration/Unnamed procedure/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.436 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.189 W/kg

**SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.054 W/kg**

Maximum value of SAR (measured) = 0.142 W/kg



Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

Test Laboratory: LCS-SAR Lab

**LTE Band 66 20M QPSK 1RB49 132572CH Rear side 10mm****DUT: BluePad-5500 Plus; Type: BluePad-5500 Plus; Serial: A231121045-1**

Communication System: UID 0, LTE-FDD (0); Frequency: 1770 MHz; Duty Cycle: 1:1  
 Medium parameters used:  $f = 1770$  MHz;  $\sigma = 1.415$  S/m;  $\epsilon_r = 40.031$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 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) = 0.0717 W/kg

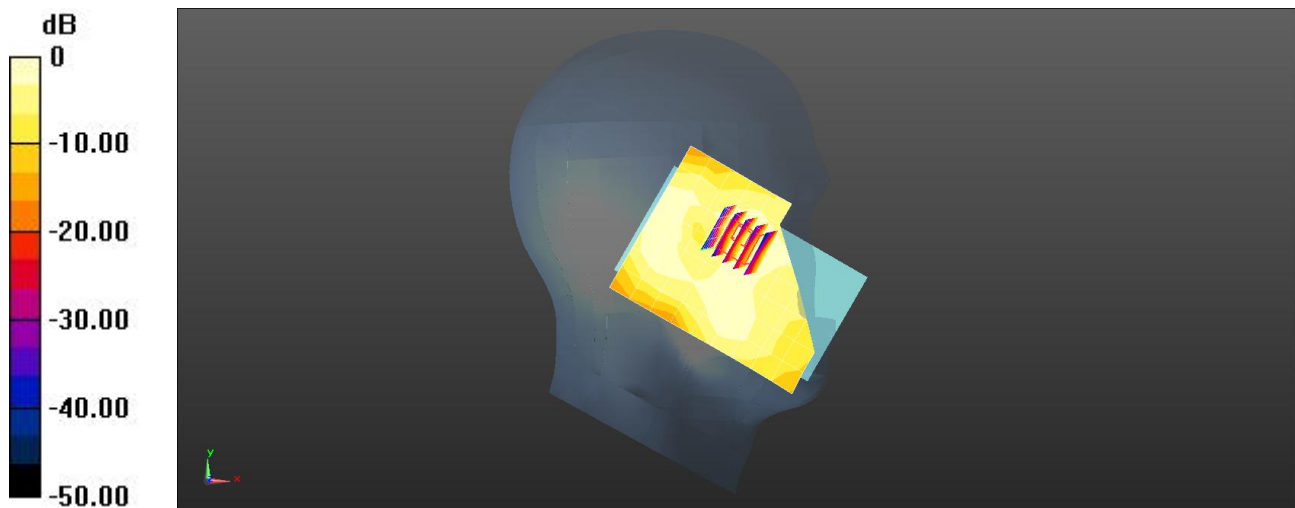
**Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.362 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.0820 W/kg

**SAR(1 g) = 0.107 W/kg; SAR(10 g) = 0.066 W/kg**

Maximum value of SAR (measured) = 0.0717 W/kg



0 dB = 0.0717 W/kg = -11.44 dBW/kg



Date: 2023/12/12

Test Laboratory: LCS-SAR Lab

**LTE Band 66 20M QPSK 1RB49 132572CH Rear side 10mm****DUT: BluePad-5500 Plus; Type: BluePad-5500 Plus; Serial: A231121045-1**

Communication System: UID 0, LTE-FDD (0); Frequency: 1770 MHz; Duty Cycle: 1:1  
Medium parameters used:  $f = 1770$  MHz;  $\sigma = 1.415$  S/m;  $\epsilon_r = 40.031$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
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=15mm, dy=15mm

Maximum value of SAR (measured) = 0.239 W/kg

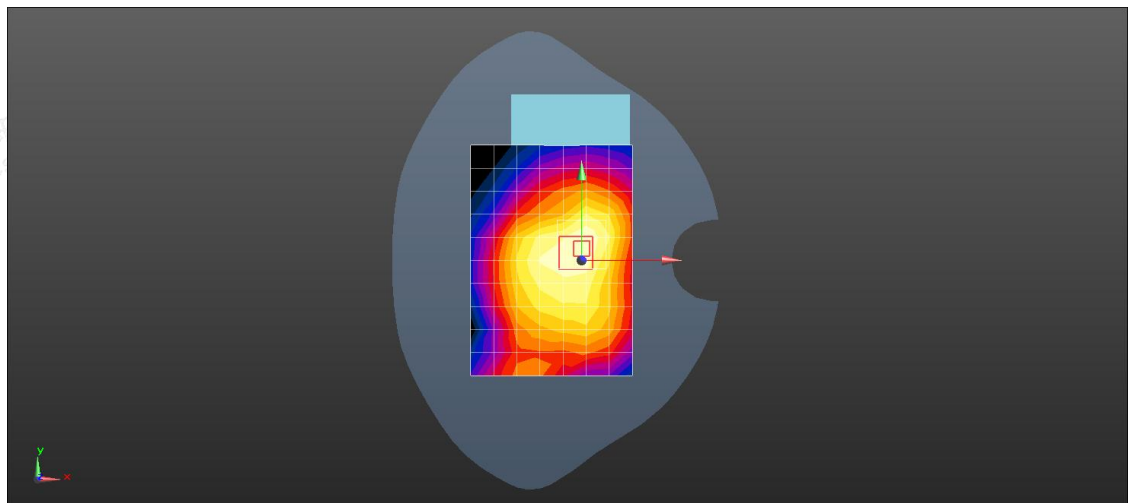
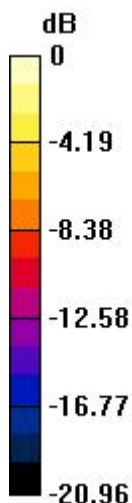
**Configuration/Unnamed procedure/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.08 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.297 W/kg

**SAR(1 g) = 0.145 W/kg; SAR(10 g) = 0.078 W/kg**

Maximum value of SAR (measured) = 0.239 W/kg



Test Laboratory: LCS-SAR Lab

**WIFI 2.4G 802.11b 6CH Left Cheek****DUT: BluePad-5500 Plus; Type: BluePad-5500 Plus; Serial: A231121045-1**

Communication System: UID 0, WIFI 2.4GHz (0); Frequency: 2437 MHz; Duty Cycle: 1:1.005

Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.785$  S/m;  $\epsilon_r = 38.807$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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), Sensor-Surface: 4mm (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) = 0.326 W/kg

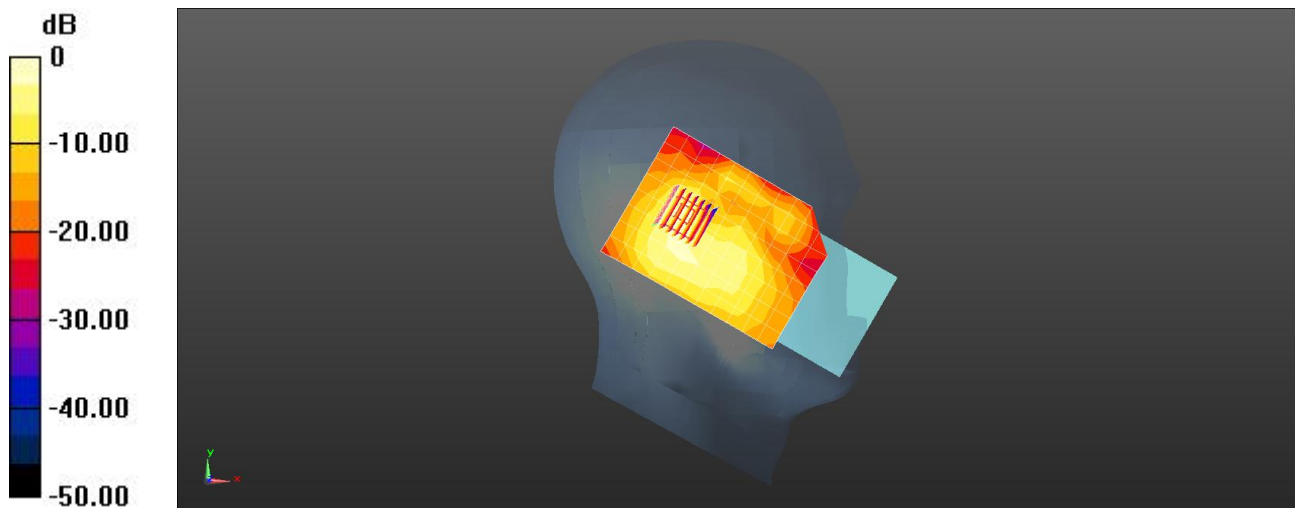
**Configuration/Unnamed procedure/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.66 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.448 W/kg

**SAR(1 g) = 0.215 W/kg; SAR(10 g) = 0.094 W/kg**

Maximum value of SAR (measured) = 0.326 W/kg



0 dB = 0.326 W/kg = -4.87 dBW/kg

Date: 2024/03/01

Test Laboratory: LCS-SAR Lab

**WIFI 2.4G 802.11b 6CH Rear side 10mm****DUT: BluePad-5500 Plus; Type: BluePad-5500 Plus; Serial: A231121045-1**

Communication System: UID 0, WIFI 2.4GHz (0); Frequency: 2437 MHz; Duty Cycle: 1:1.005

Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.785$  S/m;  $\epsilon_r = 38.807$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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), Sensor-Surface: 4mm (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=12mm, dy=12mm

Maximum value of SAR (measured) = 0.481 W/kg

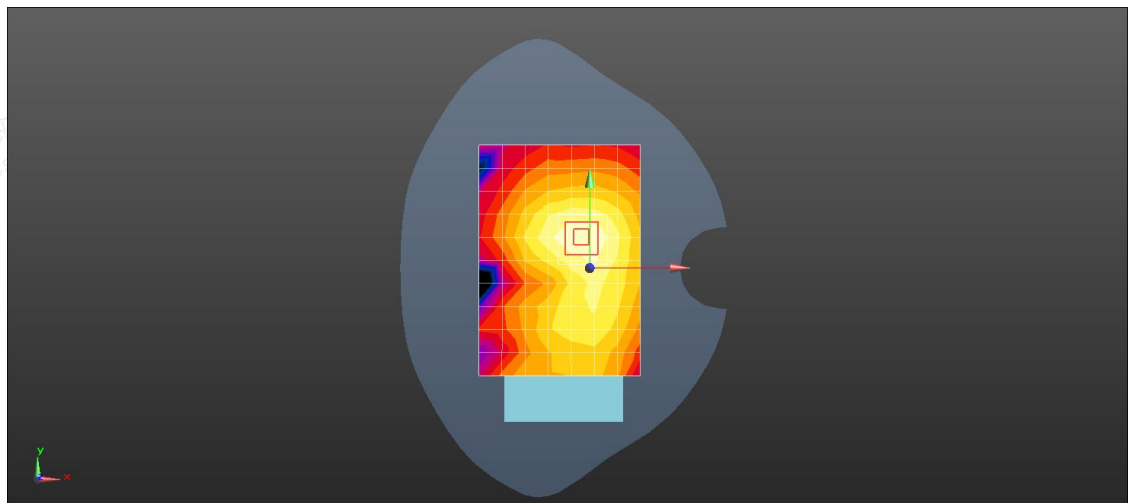
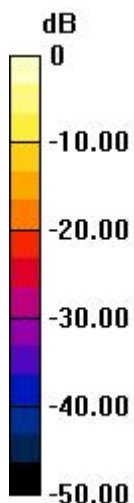
**Configuration/Unnamed procedure/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.476 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.732 W/kg

**SAR(1 g) = 0.390 W/kg; SAR(10 g) = 0.191 W/kg**

Maximum value of SAR (measured) = 0.481 W/kg



0 dB = 0.481 W/kg = -3.17 dBW/kg



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Scan code to check authenticity

Test Laboratory: LCS-SAR Lab

**WIFI 5.2G 802.11a 48CH Left Cheek****DUT: BluePad-5500 Plus; Type: BluePad-5500 Plus; Serial: A231121045-1**

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5240 MHz; Duty Cycle: 1:1.032

Medium parameters used:  $f = 5240$  MHz;  $\sigma = 4.846$  S/m;  $\epsilon_r = 36.885$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 0.627 W/kg

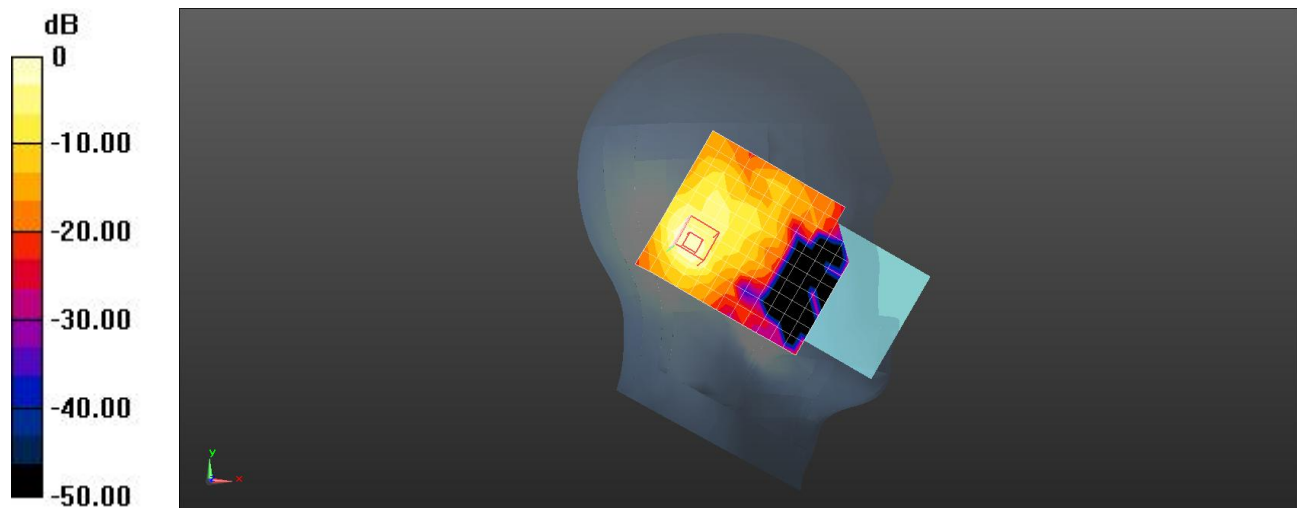
**Configuration/Unnamed procedure/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.855 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.18 W/kg

**SAR(1 g) = 0.380 W/kg; SAR(10 g) = 0.130 W/kg**

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



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

Date: 2024/03/05

Test Laboratory: LCS-SAR Lab

**WIFI 5.2G 802.11a 48CH Rear side 10mm****DUT: BluePad-5500 Plus; Type: BluePad-5500 Plus; Serial: A231121045-1**

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5240 MHz; Duty Cycle: 1:1.032

Medium parameters used:  $f = 5240$  MHz;  $\sigma = 4.846$  S/m;  $\epsilon_r = 36.885$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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=10mm, dy=10mm

Maximum value of SAR (measured) = 0.537 W/kg

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

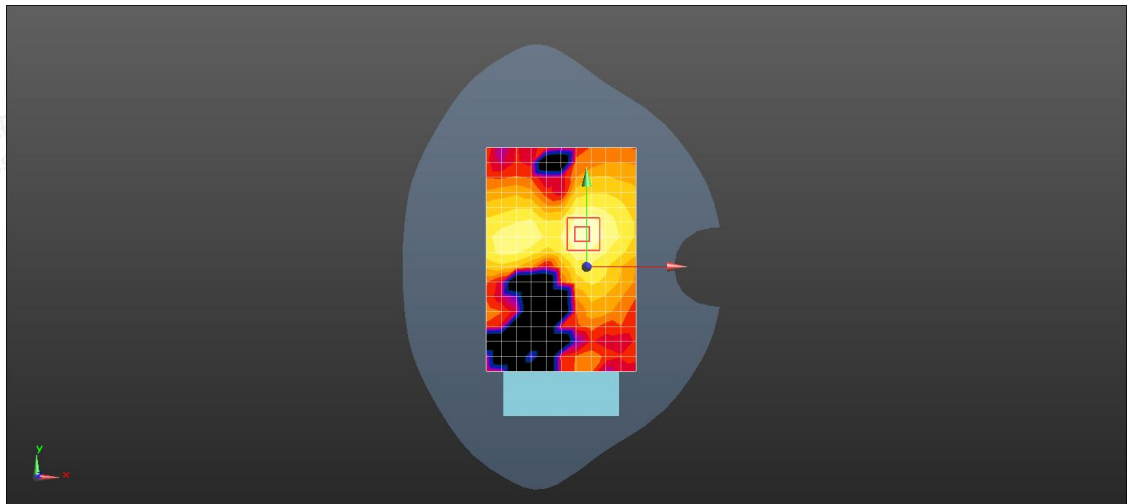
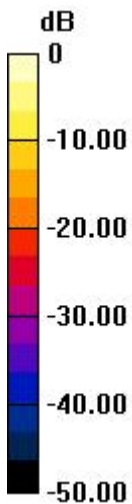
dz=2mm

Reference Value = 1.145 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.18 W/kg

**SAR(1 g) = 0.337 W/kg; SAR(10 g) = 0.115 W/kg**

Maximum value of SAR (measured) = 0.537 W/kg



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Test Laboratory: LCS-SAR Lab

## WIFI 5.3G 802.11a 52CH Left Cheek

**DUT: BluePad-5500 Plus; Type: BluePad-5500 Plus; Serial: A231121045-1**

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5260 MHz; Duty Cycle: 1:1.032

Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.866$  S/m;  $\epsilon_r = 36.814$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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) = 0.627 W/kg

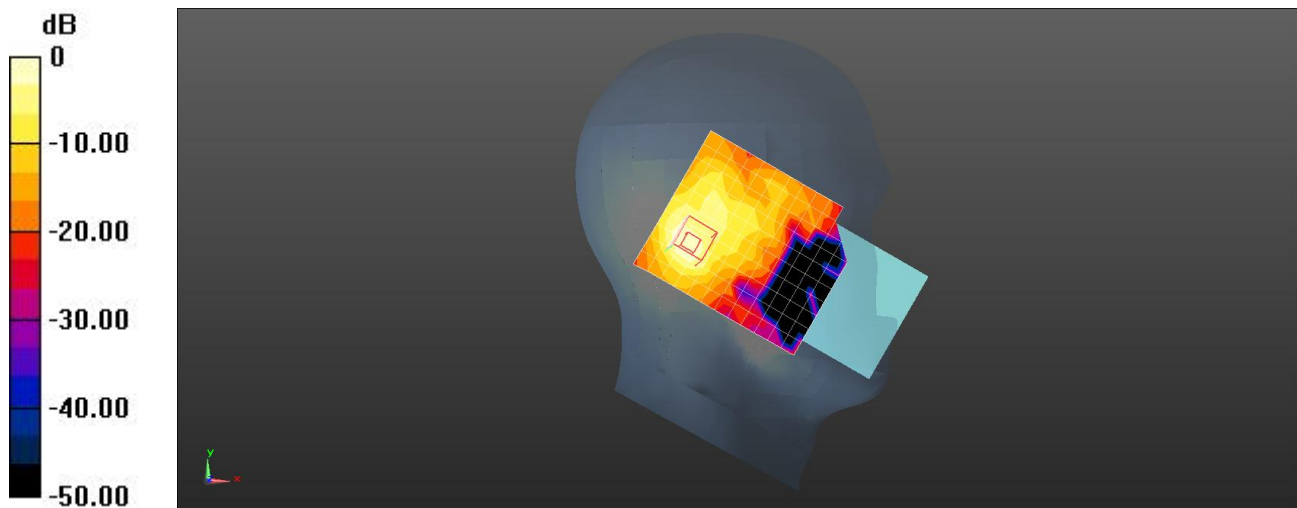
**Configuration/Unnamed procedure/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 5.855 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.18 W/kg

**SAR(1 g) = 0.344 W/kg; SAR(10 g) = 0.120 W/kg**

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



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

Date: 2024/03/05

Test Laboratory: LCS-SAR Lab

**WIFI 5.3G 802.11a 52CH Rear side 10mm****DUT: BluePad-5500 Plus; Type: BluePad-5500 Plus; Serial: A231121045-1**

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5260 MHz; Duty Cycle: 1:1.032

Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.866$  S/m;  $\epsilon_r = 36.814$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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=10mm, dy=10mm

Maximum value of SAR (measured) = 0.537 W/kg

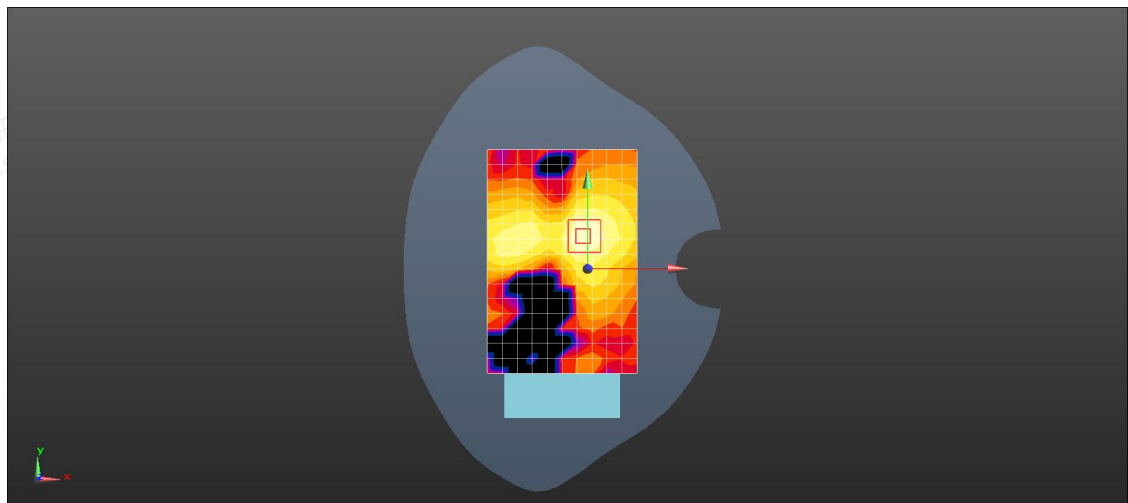
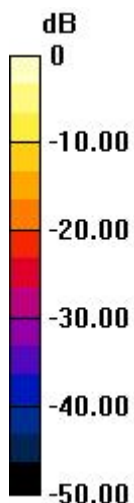
**Configuration/Unnamed procedure/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.145 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 1.18 W/kg

**SAR(1 g) = 0.301 W/kg; SAR(10 g) = 0.104 W/kg**

Maximum value of SAR (measured) = 0.537 W/kg



0 dB = 0.537 W/kg = -2.70 dBW/kg



Test Laboratory: LCS-SAR Lab

**WIFI 5.5G 802.11a 100CH Left Cheek****DUT: BluePad-5500 Plus; Type: BluePad-5500 Plus; Serial: A231121045-1**

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5500 MHz; Duty Cycle: 1:1.543

Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.131$  S/m;  $\epsilon_r = 35.302$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(4.75, 4.75, 4.75); 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) = 0.902 W/kg

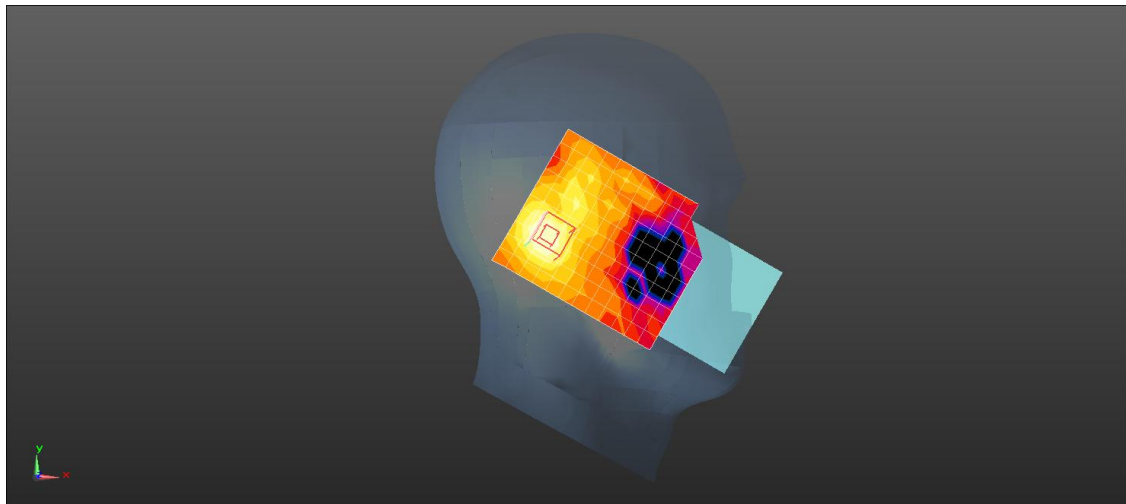
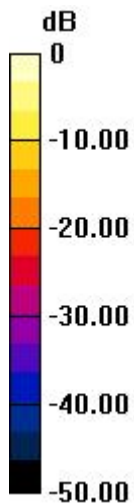
**Configuration/Unnamed procedure/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.308 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.79 W/kg

**SAR(1 g) = 0.421 W/kg; SAR(10 g) = 0.135 W/kg**

Maximum value of SAR (measured) = 0.902 W/kg



0 dB = 0.902 W/kg = -0.45 dBW/kg



Date: 2024/03/05

Test Laboratory: LCS-SAR Lab

**WIFI 5.5G 802.11a 100CH Rear side 10mm****DUT: BluePad-5500 Plus; Type: BluePad-5500 Plus; Serial: A231121045-1**

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5500 MHz; Duty Cycle: 1:1.543

Medium parameters used:  $f = 5500$  MHz;  $\sigma = 5.131$  S/m;  $\epsilon_r = 35.302$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(4.75, 4.75, 4.75); 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=10mm, dy=10mm

Maximum value of SAR (measured) = 0.691 W/kg

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

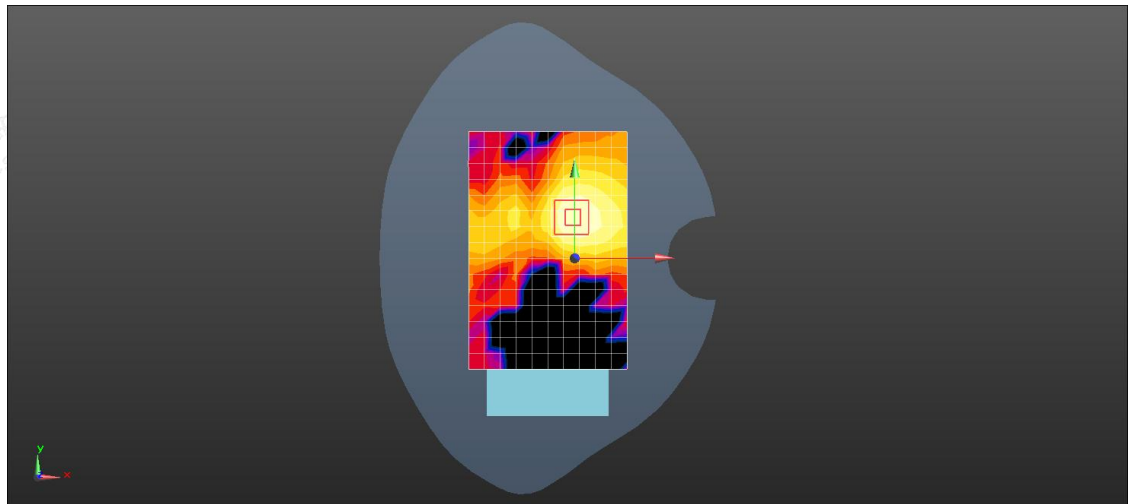
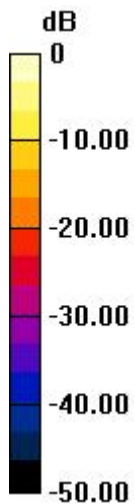
dz=2mm

Reference Value = 0.06600 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.83 W/kg

**SAR(1 g) = 0.422 W/kg; SAR(10 g) = 0.141 W/kg**

Maximum value of SAR (measured) = 0.691 W/kg



0 dB = 0.691 W/kg = -1.61 dBW/kg



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Test Laboratory: LCS-SAR Lab

**WIFI 5.8G 802.11a 149CH Left Cheek****DUT: BluePad-5500 Plus; Type: BluePad-5500 Plus; Serial: A231121045-1**

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5745 MHz; Duty Cycle: 1:1.032

Medium parameters used:  $f = 5745$  MHz;  $\sigma = 5.166$  S/m;  $\epsilon_r = 35.415$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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=10mm, dy=10mm

Maximum value of SAR (measured) = 0.902 W/kg

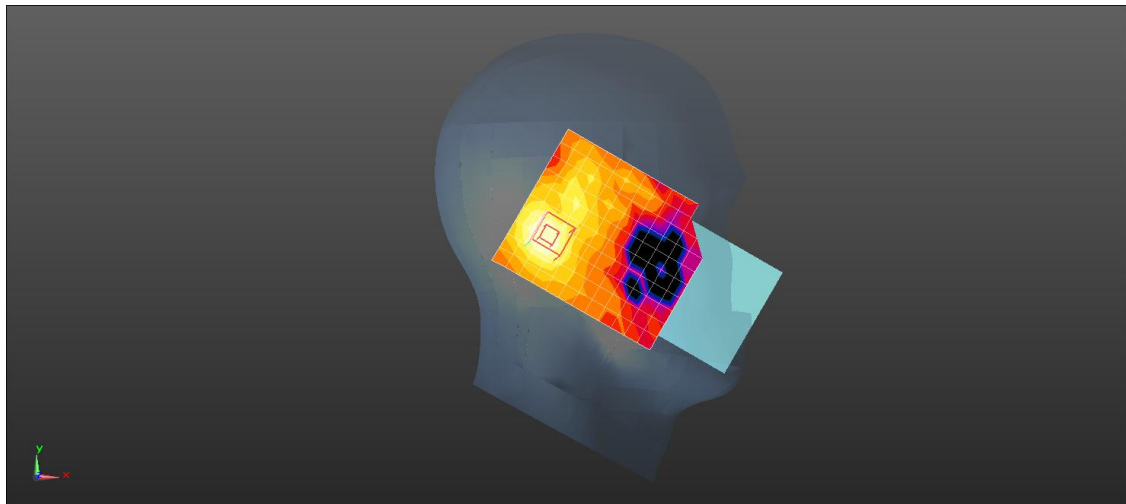
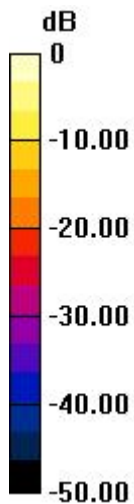
**Configuration/Unnamed procedure/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 4.308 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.79 W/kg

**SAR(1 g) = 0.530 W/kg; SAR(10 g) = 0.176 W/kg**

Maximum value of SAR (measured) = 0.902 W/kg



0 dB = 0.902 W/kg = -0.45 dBW/kg

Date/Time: 2024/03/05

Test Laboratory: LCS-SAR Lab

**WIFI 5.8G 802.11a 149CH Rear side 10mm****DUT: BluePad-5500 Plus; Type: BluePad-5500 Plus; Serial: A231121045-1**

Communication System: UID 0, WIFI 5GHz (0); Frequency: 5745 MHz; Duty Cycle: 1:1.032

Medium parameters used:  $f = 5745$  MHz;  $\sigma = 5.166$  S/m;  $\epsilon_r = 35.415$ ;  $\rho = 1000$  kg/m<sup>3</sup>

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=10mm, dy=10mm

Maximum value of SAR (measured) = 0.691 W/kg

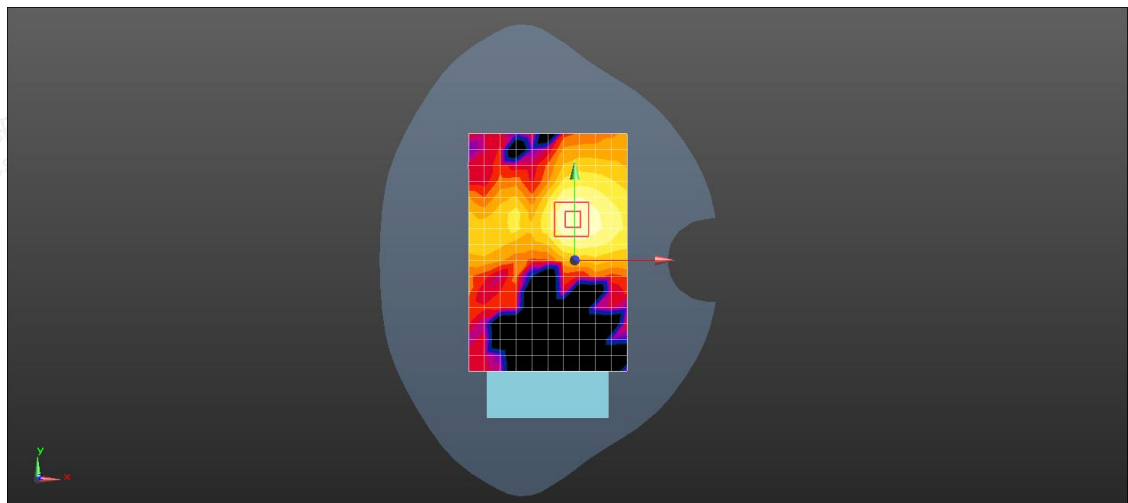
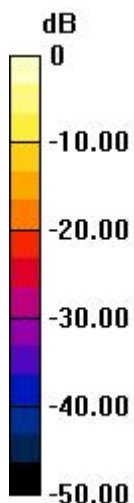
**Configuration/Unnamed procedure/Zoom Scan (7x7x12)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0.06600 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.83 W/kg

**SAR(1 g) = 0.466 W/kg; SAR(10 g) = 0.161 W/kg**

Maximum value of SAR (measured) = 0.691 W/kg



0 dB = 0.691 W/kg = -1.61 dBW/kg



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