

# Appendix B

## Detailed Test Results

1. WCDMA
WCDMA Band V for Body
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BT for Head Body

Test Laboratory: SGS-SAR Lab

## HB286ZJ WCDMA V RMC 4182CH Back Side 0mm

**DUT: HB286ZJ; Type: Tablet; Serial: 860893060010409**

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

Medium: HSL835; Medium parameters used (interpolated):  $f = 836.4$  MHz;  $\sigma = 0.889$  S/m;  $\epsilon_r = 41.809$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(9.8, 9.8, 9.8) ; Calibrated: 2022-05-26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2022-04-27
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/Body/Area Scan (11x9x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 1.47 W/kg

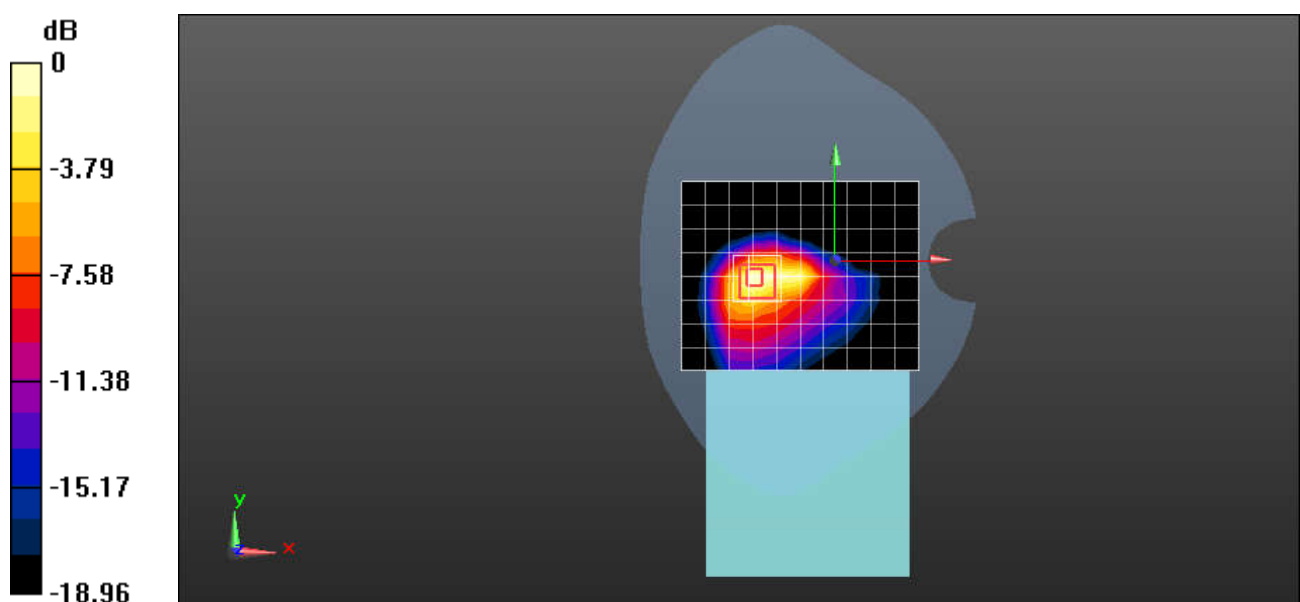
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.94 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.15 W/kg

**SAR(1 g) = 0.721 W/kg; SAR(10 g) = 0.340 W/kg**

Maximum value of SAR (measured) = 1.43 W/kg



0 dB = 1.43 W/kg = 1.55 dBW/kg

Test Laboratory: SGS-SAR Lab

## HB286ZJ LTE Band 5 10M QPSK 25RB0 20525CH Back Side 0mm

**DUT: HB286ZJ; Type: Tablet; Serial: 860893060010409**

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: HSL835; Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.889$  S/m;  $\epsilon_r = 41.785$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(9.8, 9.8, 9.8) ; Calibrated: 2022-05-26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2022-04-27
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/Body/Area Scan (11x9x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 1.32 W/kg

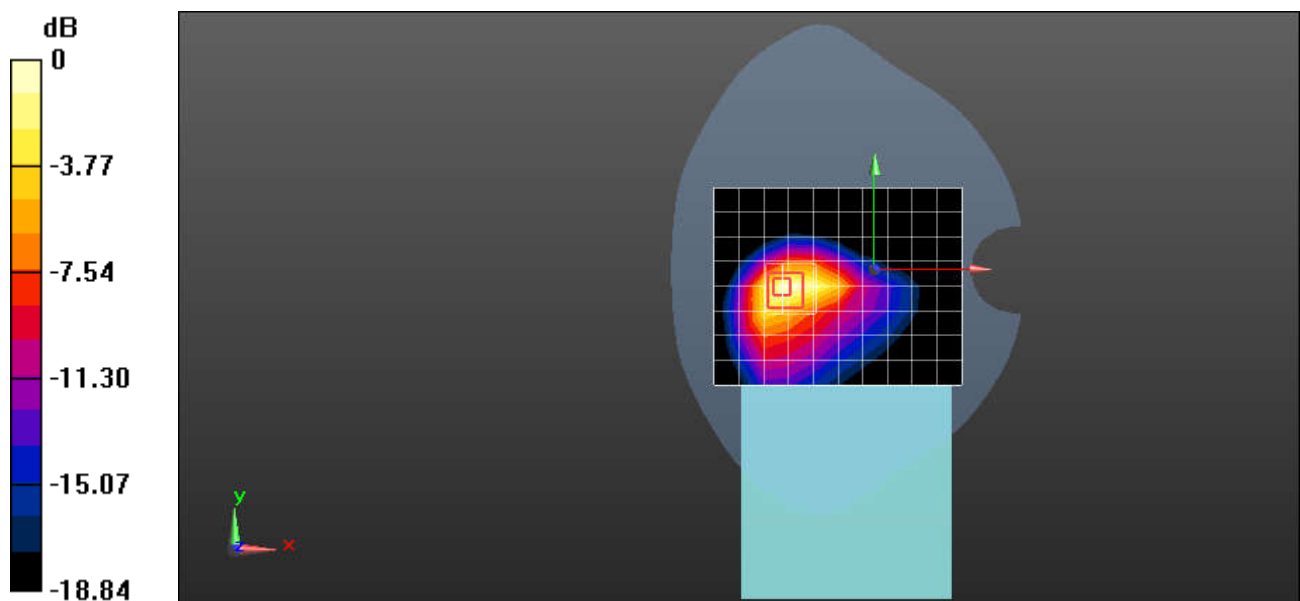
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.94 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.93 W/kg

**SAR(1 g) = 0.668 W/kg; SAR(10 g) = 0.315 W/kg**

Maximum value of SAR (measured) = 1.30 W/kg



0 dB = 1.30 W/kg = 1.14 dBW/kg

Test Laboratory: SGS-SAR Lab

## HB286ZJ LTE Band 41 20M QPSK 1RB0 40620CH Top Side 11mm

**DUT: HB286ZJ; Type: Tablet; Serial: 860893060010409**

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2593 MHz; Duty Cycle: 1:1.58

Medium: HSL2600; Medium parameters used:  $f = 2593$  MHz;  $\sigma = 2.005$  S/m;  $\epsilon_r = 38.383$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.42, 7.42, 7.42) ; Calibrated: 2022-05-26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2022-04-27
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/Body/Area Scan (6x13x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 0.872 W/kg

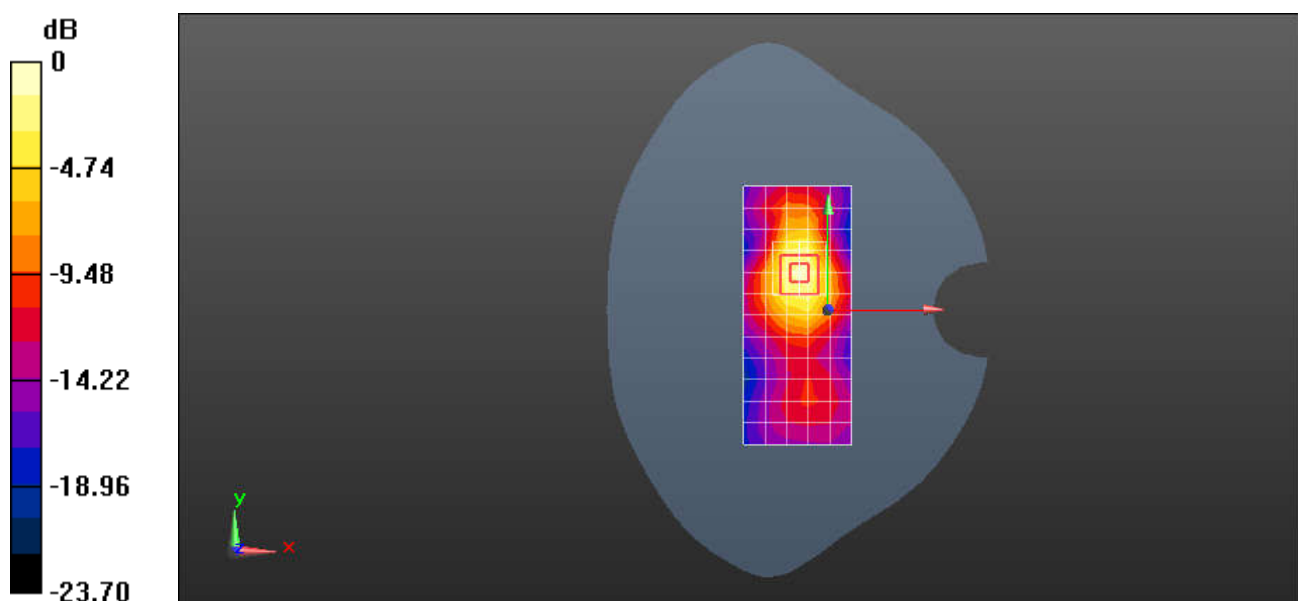
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 12.30 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.24 W/kg

**SAR(1 g) = 0.630 W/kg; SAR(10 g) = 0.302 W/kg**

Maximum value of SAR (measured) = 1.01 W/kg



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

Test Laboratory: SGS-SAR Lab

## HB286ZJ WIFI 2.4G 802.11b 1CH Right Side 7mm

**DUT: HB286ZJ; Type: Tablet; Serial: 860893060010409**

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2412 MHz;Duty Cycle: 1:1.008

Medium: HSL2450;Medium parameters used:  $f = 2412$  MHz;  $\sigma = 1.781$  S/m;  $\epsilon_r = 38.133$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.67, 7.67, 7.67) ; Calibrated: 2022-05-26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2022-04-27
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/Body/Area Scan (6x13x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.09 W/kg

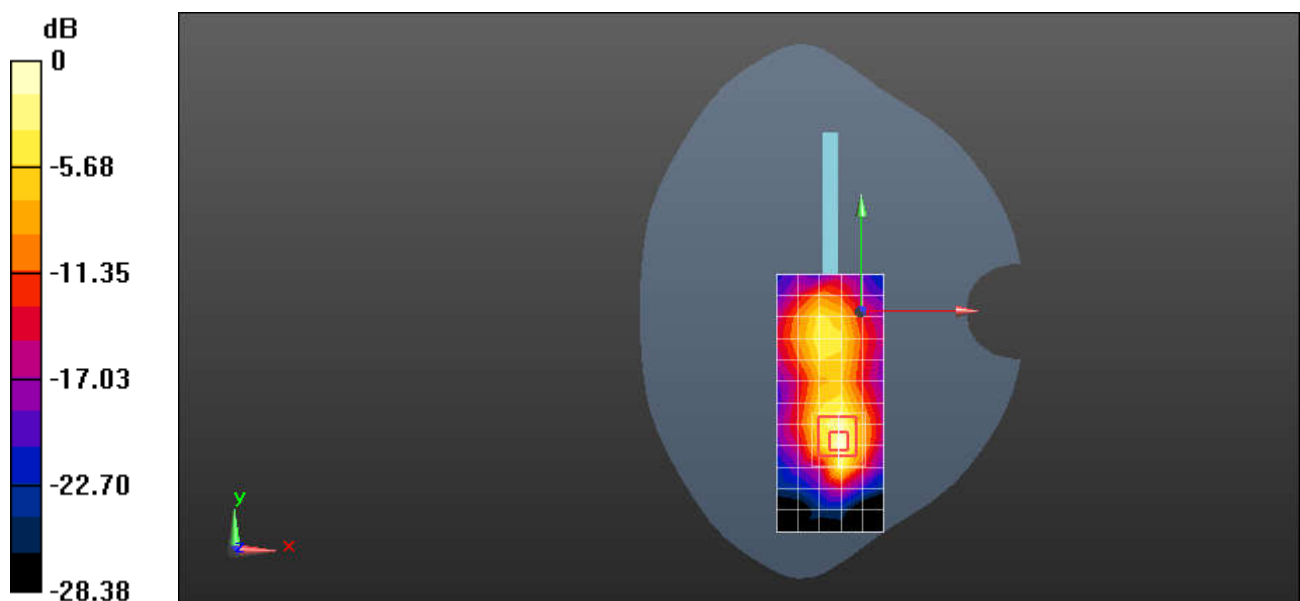
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.73 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.36 W/kg

**SAR(1 g) = 0.617 W/kg; SAR(10 g) = 0.259 W/kg**

Maximum value of SAR (measured) = 1.08 W/kg



0 dB = 1.08 W/kg = 0.33 dBW/kg

Test Laboratory: SGS-SAR Lab

## HB286ZJ WIFI 5G 802.11AC VHT80 54CH Back Side 7mm

**DUT: HB286ZJ; Type: Tablet; Serial: 860893060010409**

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5270 MHz;Duty Cycle: 1:1.043

Medium: HSL5G;Medium parameters used:  $f = 5270$  MHz;  $\sigma = 4.734$  S/m;  $\epsilon_r = 35.498$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(5.4, 5.4, 5.4) ; Calibrated: 2022-05-26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2022-04-27
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/Body/Area Scan (17x13x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 1.56 W/kg

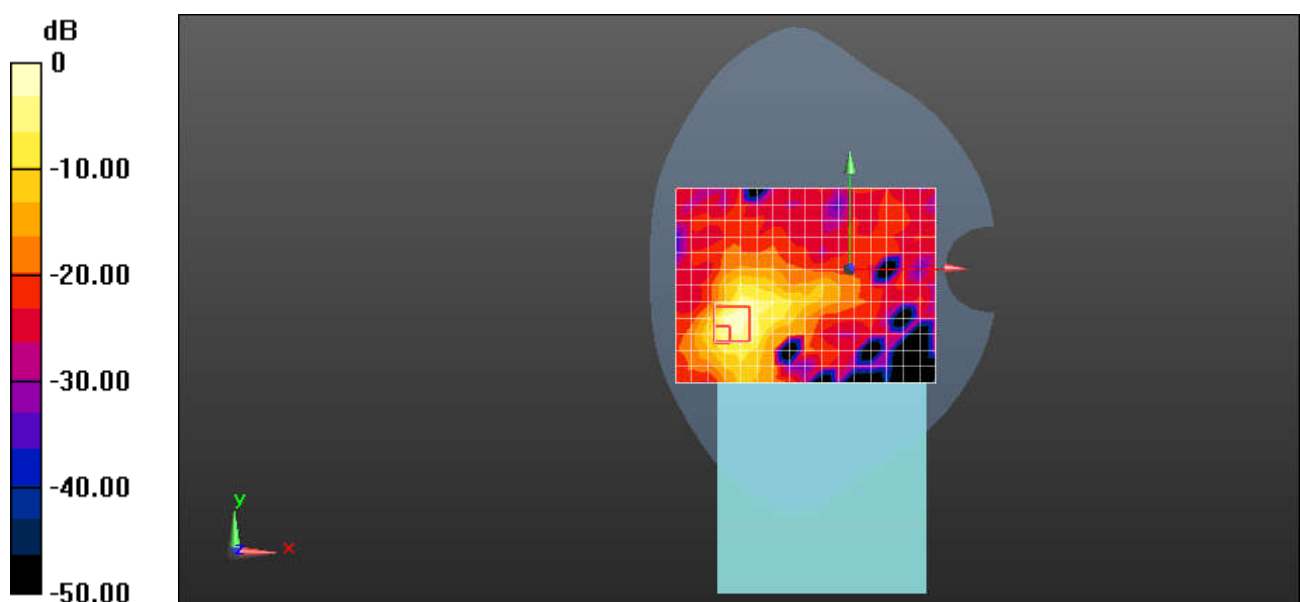
**Configuration/Body/Zoom Scan (7x7x17)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.676 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 3.03 W/kg

**SAR(1 g) = 0.634 W/kg; SAR(10 g) = 0.170 W/kg**

Maximum value of SAR (measured) = 1.93 W/kg



0 dB = 1.93 W/kg = 2.86 dBW/kg

Test Laboratory: SGS-SAR Lab

## HB286ZJ WIFI 5G 802.11AC VHT80 102CH Back Side 7mm

**DUT: HB286ZJ; Type: Tablet; Serial: 860893060010409**

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5510 MHz;Duty Cycle: 1:1.043

Medium: HSL5G;Medium parameters used:  $f = 5510$  MHz;  $\sigma = 5.019$  S/m;  $\epsilon_r = 34.836$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(4.85, 4.85, 4.85) ; Calibrated: 2022-05-26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2022-04-27
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/Body/Area Scan (17x13x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 1.74 W/kg

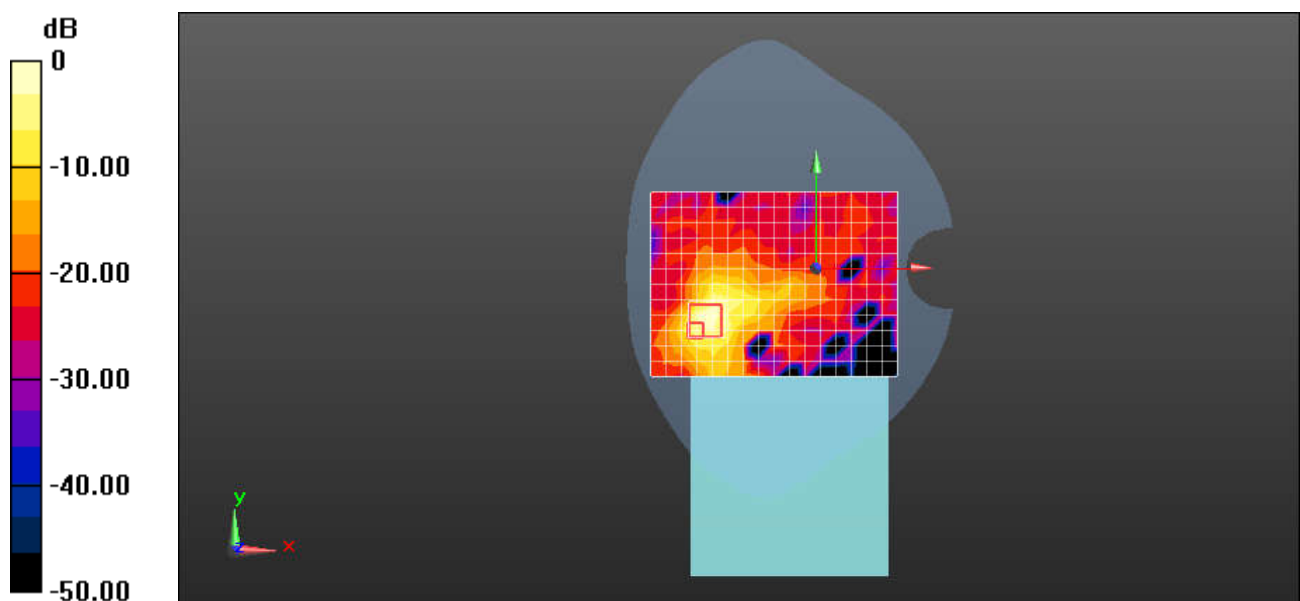
**Configuration/Body/Zoom Scan (7x7x17)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.737 V/m; Power Drift = -0.12dB

Peak SAR (extrapolated) = 3.29 W/kg

**SAR(1 g) = 0.613 W/kg; SAR(10 g) = 0.181 W/kg**

Maximum value of SAR (measured) = 2.16 W/kg



0 dB = 2.16 W/kg = 3.34 dBW/kg

Test Laboratory: SGS-SAR Lab

## HB286ZJ WIFI 5G 802.11ac VHT80 155CH Back Side 7mm

**DUT: HB286ZJ; Type: Tablet; Serial: 860893060010409**

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5775 MHz;Duty Cycle: 1:1.087

Medium: HSL5G;Medium parameters used:  $f = 5775$  MHz;  $\sigma = 5.259$  S/m;  $\epsilon_r = 34.204$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(4.89, 4.89, 4.89); Calibrated: 2022-05-26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2022-04-27
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/Body/Area Scan (17x13x1):** Measurement grid: dx=10mm, dy=10mm  
Maximum value of SAR (measured) = 2.53 W/kg

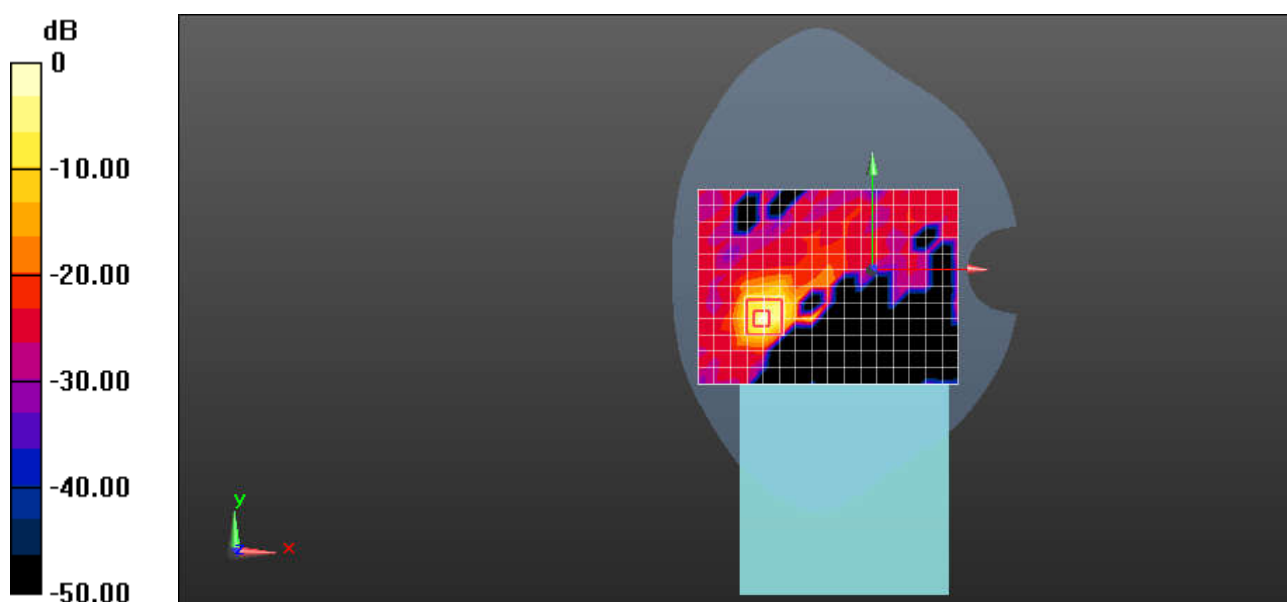
**Configuration/Body/Zoom Scan (7x7x17)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.231 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 4.29 W/kg

**SAR(1 g) = 0.903 W/kg; SAR(10 g) = 0.212 W/kg**

Maximum value of SAR (measured) = 2.57 W/kg



0 dB = 2.57 W/kg = 4.10 dBW/kg



Test Laboratory: SGS-SAR Lab

## HB286ZJ Bluetooth 78CH Back Side 0mm

**DUT: HB286ZJ; Type: Tablet; Serial: 860893060010409**

Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz; Duty Cycle: 1:1.302

Medium: HSL2450; Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.858$  S/m;  $\epsilon_r = 37.889$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.67, 7.67, 7.67); Calibrated: 2022-05-26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2022-04-27
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

**Configuration/Body/Area Scan (14x11x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 0.548 W/kg

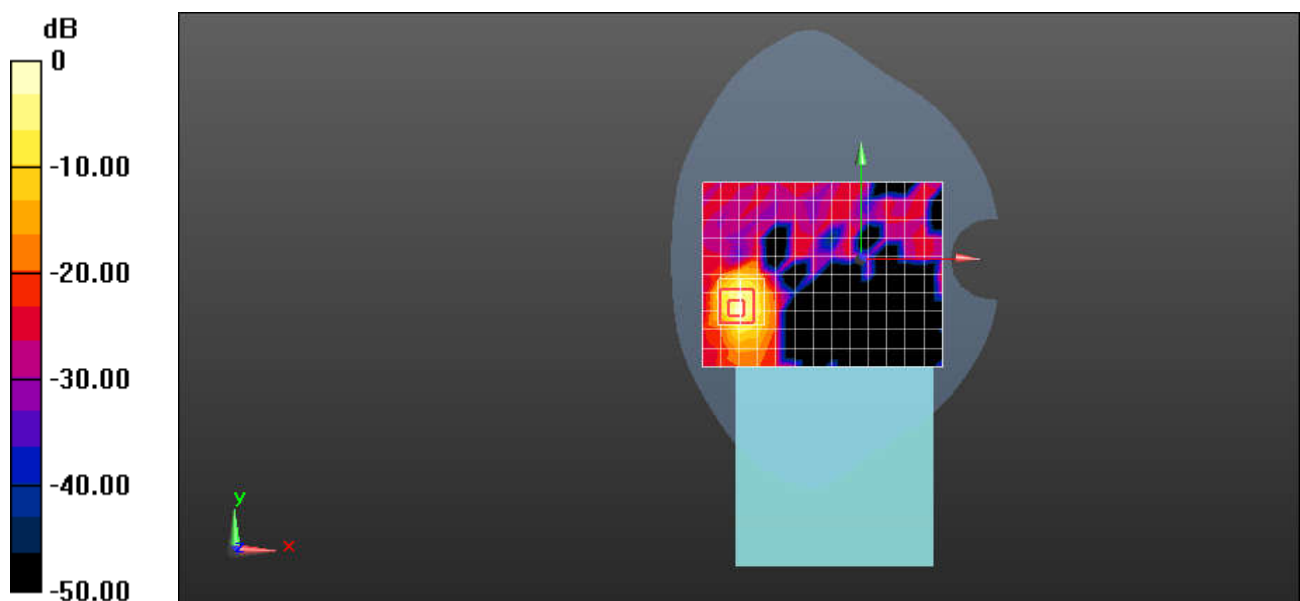
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.7340 V/m; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 0.816 W/kg

**SAR(1 g) = 0.230 W/kg; SAR(10 g) = 0.082 W/kg**

Maximum value of SAR (measured) = 0.587 W/kg



0 dB = 0.587 W/kg = -2.31 dBW/kg