

# Appendix B

## Detailed Test Results

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| 1. WIFI and BT     |
| WIFI 2.4G for Body |
| WIFI 5G for Body   |
| BT for Body        |

Test Laboratory: SGS-SAR Lab

## TB350FU Wifi 2.4G 802.11b 11C Back Side 0mm

**DUT: TB350FU; Type: mobile phone**

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2462 MHz; Duty Cycle: 1:1.006

Medium: HSL2450; Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.838$  S/m;  $\epsilon_r = 37.965$ ;  $\rho = 1000$  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) = 1.16 W/kg

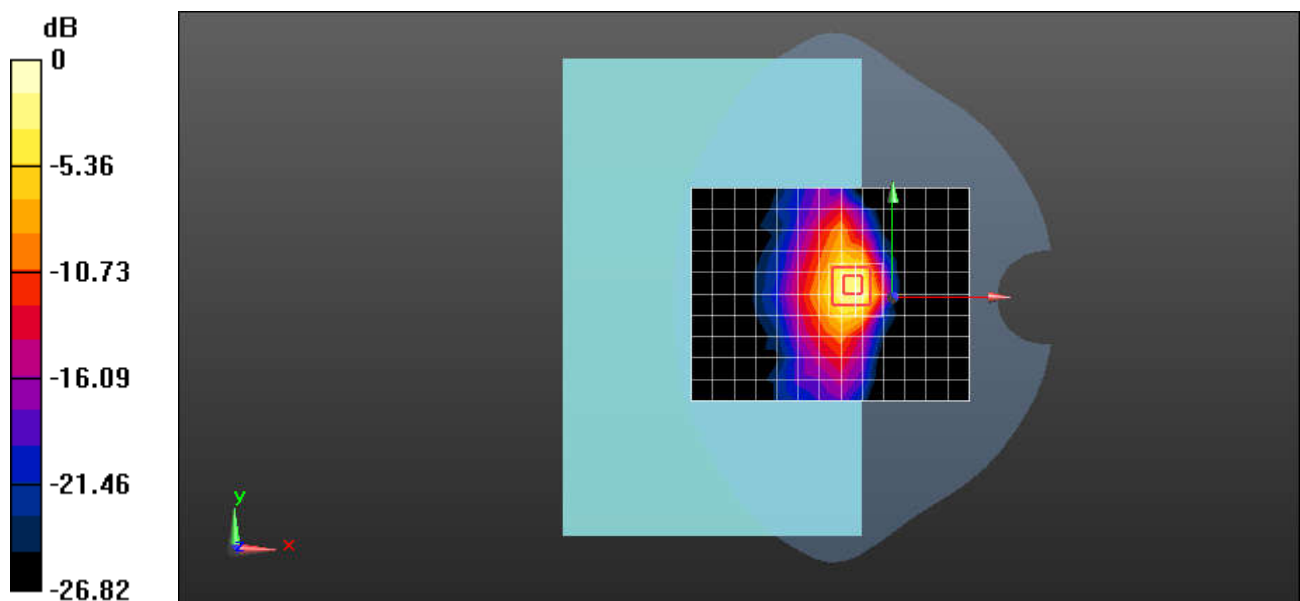
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.38 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 2.04 W/kg

**SAR(1 g) = 0.700 W/kg; SAR(10 g) = 0.280 W/kg**

Maximum value of SAR (measured) = 1.38 W/kg



Test Laboratory: SGS-SAR Lab

## TB350FU Wifi 5G 802.11ac HT80 58C Back Side 0mm

**DUT: TB350FU; Type: mobile phone**

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5290 MHz; Duty Cycle: 1:1.067

Medium: HSL5G; Medium parameters used:  $f = 5290$  MHz;  $\sigma = 4.748$  S/m;  $\epsilon_r = 35.427$ ;  $\rho = 1000$  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 (9x13x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.54 W/kg

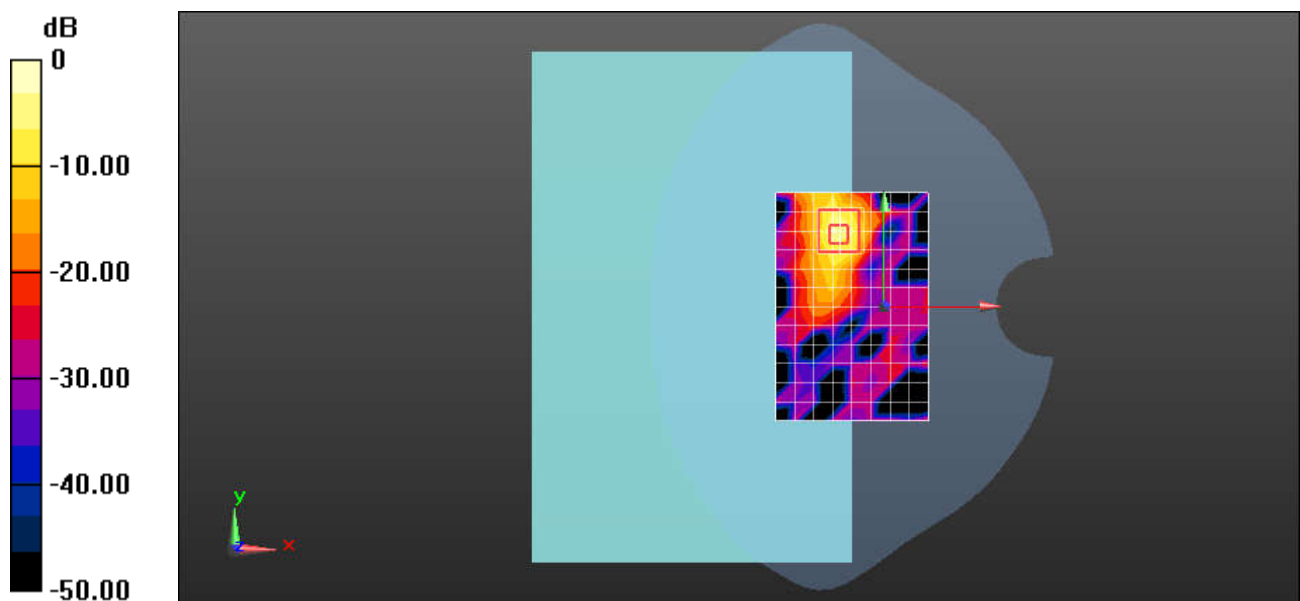
**Configuration/Body/Zoom Scan (7x7x17)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.655 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 6.21 W/kg

**SAR(1 g) = 0.786 W/kg; SAR(10 g) = 0.188 W/kg**

Maximum value of SAR (measured) = 2.65 W/kg



0 dB = 2.65 W/kg = 4.23 dBW/kg

Test Laboratory: SGS-SAR Lab

## TB350FU Wifi 5G 802.11ac HT80 138CH Back Side 0mm

**DUT: TB350FU; Type: mobile phone**

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5690 MHz; Duty Cycle: 1:1.067

Medium: HSL5G; Medium parameters used:  $f = 5690$  MHz;  $\sigma = 5.166$  S/m;  $\epsilon_r = 34.325$ ;  $\rho = 1000$  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 (9x13x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.39 W/kg

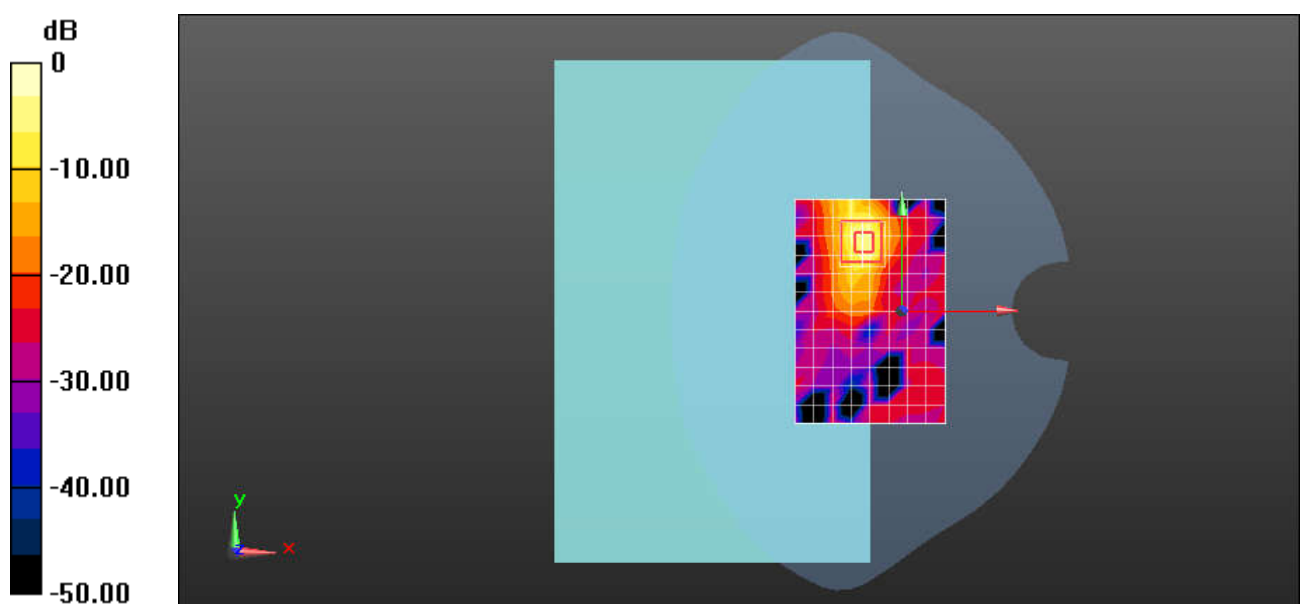
**Configuration/Body/Zoom Scan (7x7x17)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.163 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 4.49 W/kg

**SAR(1 g) = 0.848 W/kg; SAR(10 g) = 0.198 W/kg**

Maximum value of SAR (measured) = 3.05 W/kg



Test Laboratory: SGS-SAR Lab

## TB350FU Wifi 5G 802.11a 155Ch Top Side 0mm

**DUT: TB350FU; Type: mobile phone**

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5775 MHz;Duty Cycle: 1:1.067

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 (7x21x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.10 W/kg

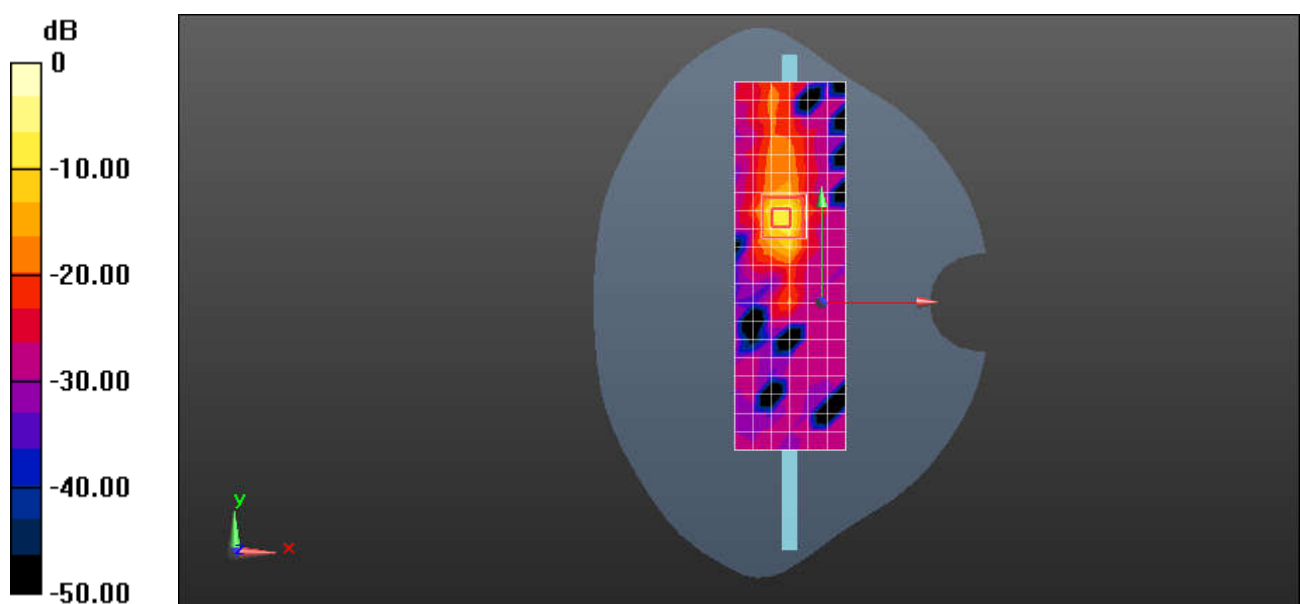
**Configuration/Body/Zoom Scan (7x7x17)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.364 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 5.61 W/kg

**SAR(1 g) = 0.775 W/kg; SAR(10 g) = 0.173 W/kg**

Maximum value of SAR (measured) = 5.60 W/kg



0 dB = 5.60 W/kg = 7.48 dBW/kg

Test Laboratory: SGS-SAR Lab

## TB350FU Bluetooth 39CH Back Side 0mm

**DUT: TB350FU; Type: mobile phone**

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.302

Medium: HSL2450; Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.817$  S/m;  $\epsilon_r = 38.019$ ;  $\rho = 1000$  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 (11x13x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 0.193 W/kg

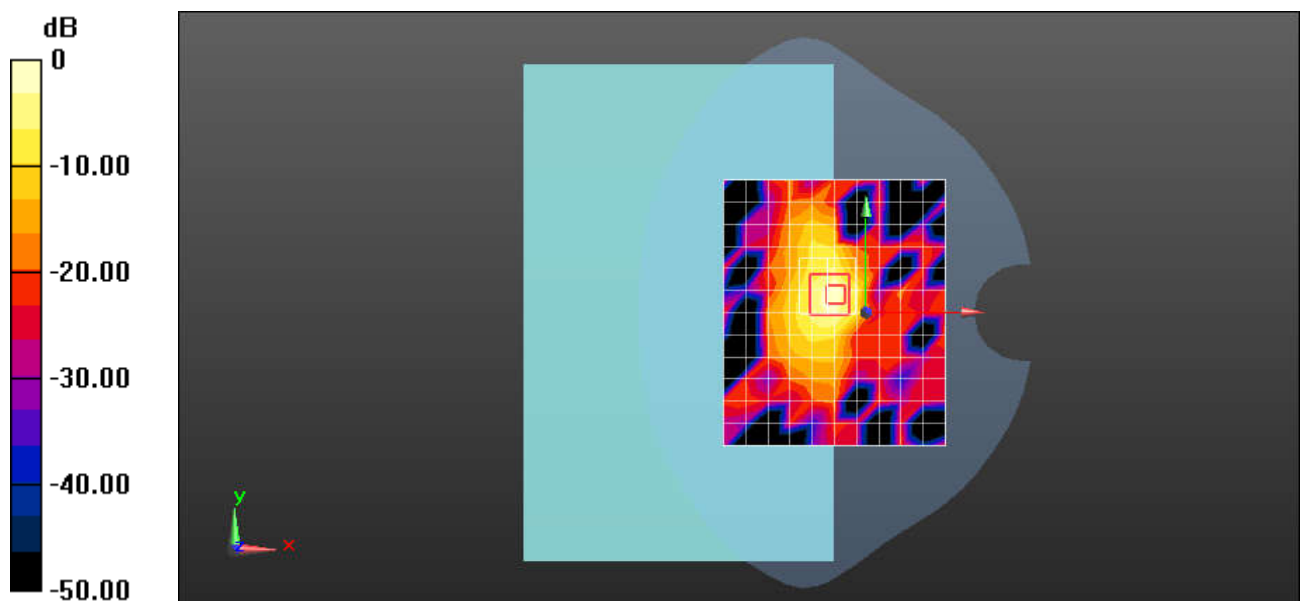
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.509 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.278 W/kg

**SAR(1 g) = 0.079 W/kg; SAR(10 g) = 0.030 W/kg**

Maximum value of SAR (measured) = 0.177 W/kg



0 dB = 0.177 W/kg = -7.52 dBW/kg