



# **Appendix B**

## **Detailed Test Results**

|                           |
|---------------------------|
| 1. WiFi                   |
| WiFi 2.4G for Head & Body |
| WiFi 5G for Head & Body   |

Test Laboratory: SGS-SAR Lab

## KOB-W09 WIFI 2.4G 802.11b 11CH Left cheek

**DUT: KOB-W09; Type: HUAWEI MediaPad T3; Serial: UFH4T19402000005**

Communication System: UID 0, wifi2.4G; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: HSL2450; Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.756$  S/m;  $\epsilon_r = 38.922$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.58, 7.58, 7.58); Calibrated: 2019-02-25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn414; Calibrated: 2018-12-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (12x7x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.383 W/kg

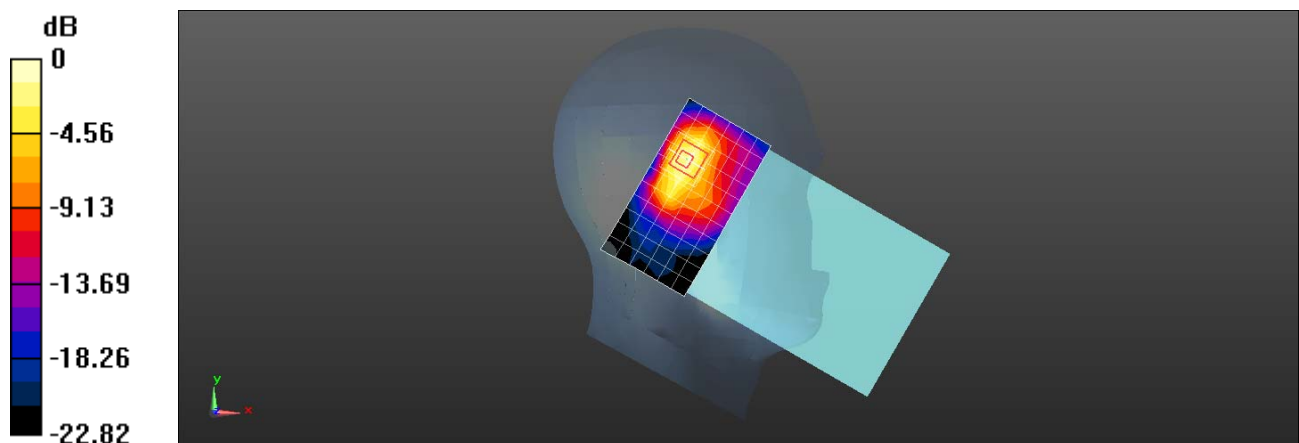
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.63 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.651 W/kg

**SAR(1 g) = 0.292 W/kg; SAR(10 g) = 0.132 W/kg**

Maximum value of SAR (measured) = 0.467 W/kg



0 dB = 0.467 W/kg = -3.31 dBW/kg

Test Laboratory: SGS-SAR Lab

## KOB-W09 WIFI 2.4G 802.11b 11CH Back side 0mm

**DUT: KOB-W09; Type: HUAWEI MediaPad T3; Serial: UFH4T19402000005**

Communication System: UID 0, wifi2.4G; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: HSL2450; Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.756$  S/m;  $\epsilon_r = 38.922$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.58, 7.58, 7.58); Calibrated: 2019-02-25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn414; Calibrated: 2018-12-03
- Phantom: SAM 7; Type: SAM; Serial: 1027
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (12x11x1):** Measurement grid: dx=12mm, dy=12mm  
Maximum value of SAR (measured) = 1.41 W/kg

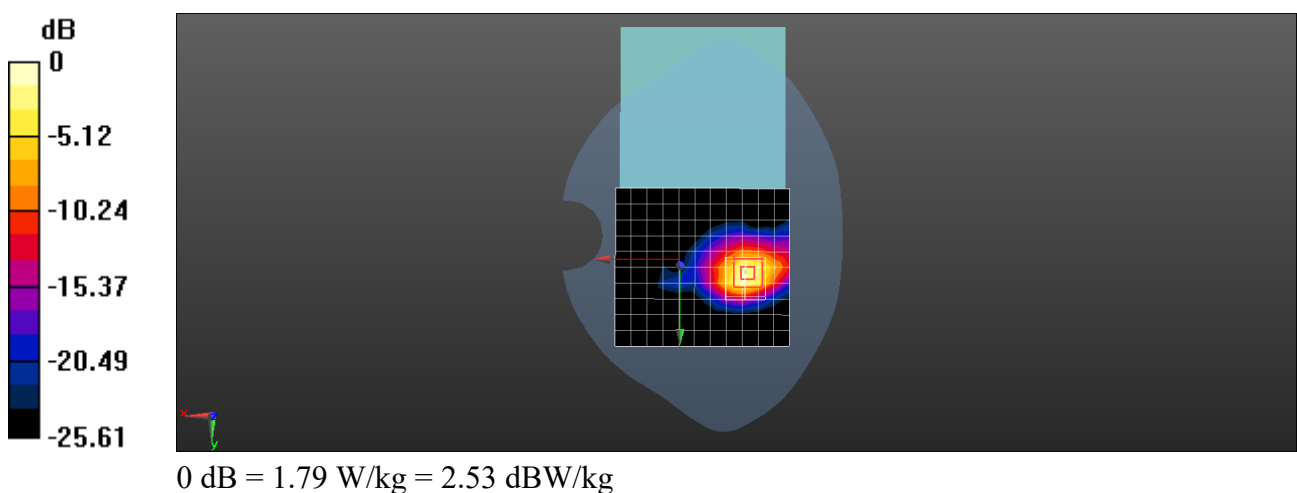
**Configuration/Body/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.108 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 3.05 W/kg

**SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.408 W/kg**

Maximum value of SAR (measured) = 1.79 W/kg



Test Laboratory: SGS-SAR Lab

## KOB-W09 WIFI 802.11n HT40 151CH Left tilted 15 degree

**DUT: KOB-W09; Type: HUAWEI MediaPad T3; Serial: UFH4T19402000005**

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5755 MHz; Duty Cycle: 1:1

Medium: HSL5G; Medium parameters used:  $f = 5755$  MHz;  $\sigma = 5.226$  S/m;  $\epsilon_r = 34.637$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(4.9, 4.9, 4.9); Calibrated: 2019-02-25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2019-09-18
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Head/Area Scan (14x9x1):** Measurement grid: dx=10mm, dy=10mm

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

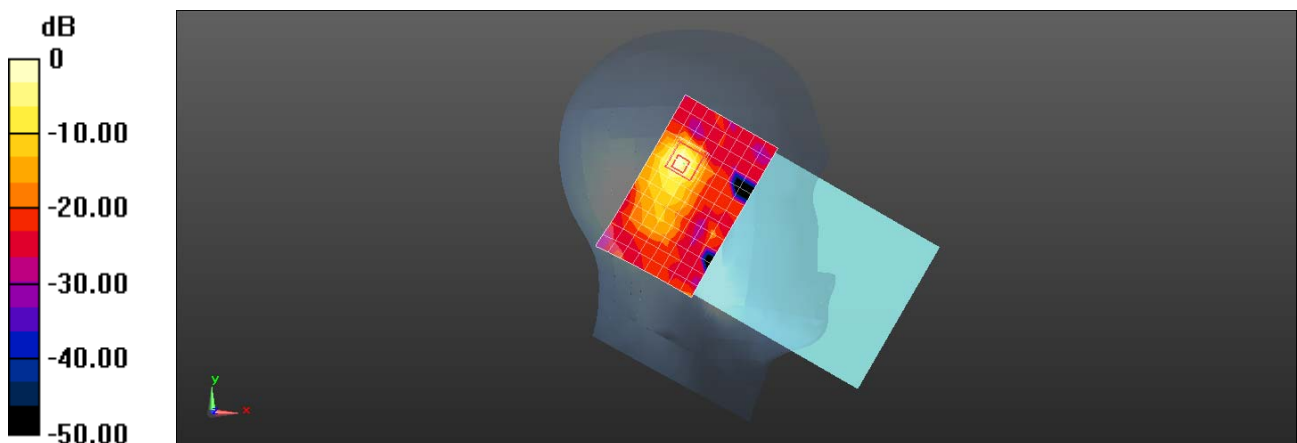
**Configuration/Head/Zoom Scan (7x7x17)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.099 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.63 W/kg

**SAR(1 g) = 0.344 W/kg; SAR(10 g) = 0.084 W/kg**

Maximum value of SAR (measured) = 0.864 W/kg



Test Laboratory: SGS-SAR Lab

## KOB-W09 WIFI 802.11a 165CH Top side 12mm

**DUT: KOB-W09; Type: HUAWEI MediaPad T3; Serial: UFH4T19402000005**

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5825 MHz; Duty Cycle: 1:1

Medium: HSL5G; Medium parameters used:  $f = 5825$  MHz;  $\sigma = 5.266$  S/m;  $\epsilon_r = 34.251$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(4.9, 4.9, 4.9); Calibrated: 2019-02-25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn896; Calibrated: 2019-09-18
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (7x14x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.803 W/kg

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

Reference Value = 5.124 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.71 W/kg

**SAR(1 g) = 0.403 W/kg; SAR(10 g) = 0.149 W/kg**

Maximum value of SAR (measured) = 0.942 W/kg

