



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 802.11b 11CH Left touch cheek

DUT: KOB-W09; Type: Tablet; Serial: GQE4T17602000815

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

Medium: HSL2450;Medium parameters used: $f = 2462$ MHz; $\sigma = 1.893$ S/m; $\epsilon_r = 38.46$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.62, 7.62, 7.62); Calibrated: 2018-01-11;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -2.0, 31.0$
- Electronics: DAE4 Sn1374; Calibrated: 2017-08-31
- Phantom: SAM1; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (13x9x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.564 W/kg

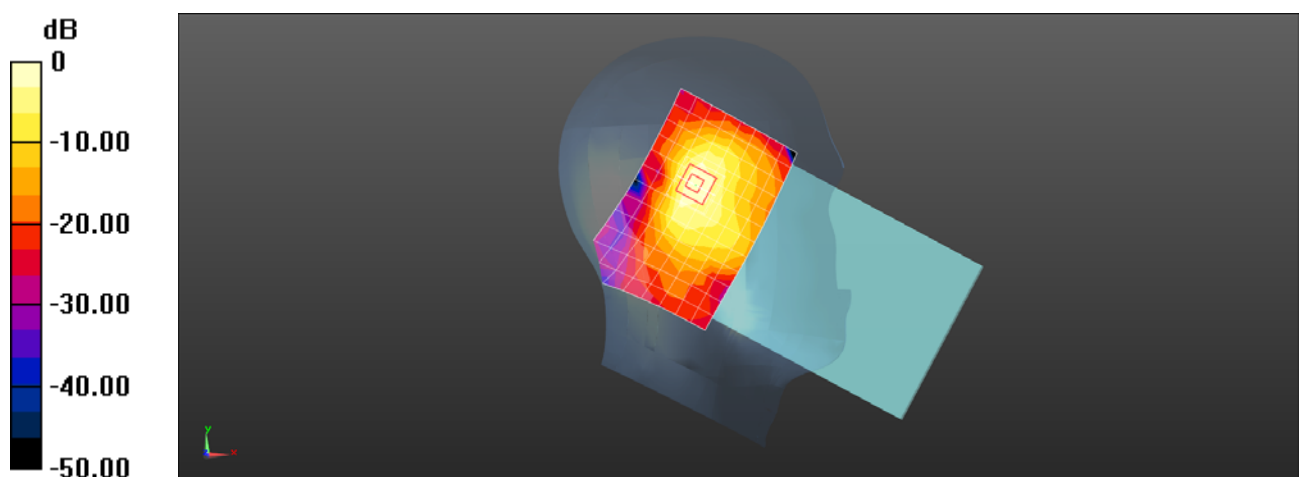
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 9.793 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.918 W/kg

SAR(1 g) = 0.409 W/kg; SAR(10 g) = 0.183 W/kg

Maximum value of SAR (measured) = 0.625 W/kg



0 dB = 0.625 W/kg = -2.04 dBW/kg

Test Laboratory: SGS-SAR Lab

KOB-W09 802.11b 11CH Back side 0mm

DUT: KOB-W09; Type: Tablet; Serial: GQE4T17602000815

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

Medium: MSL2450; Medium parameters used: $f = 2462$ MHz; $\sigma = 1.986$ S/m; $\epsilon_r = 52.649$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.78, 7.78, 7.78); Calibrated: 2018-01-11;
- Sensor-Surface: 2mm (Mechanical Surface Detection), $z = -14.0, 31.0$
- Electronics: DAE4 Sn1374; Calibrated: 2017-08-31
- Phantom: SAM2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (13x9x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 1.04 W/kg

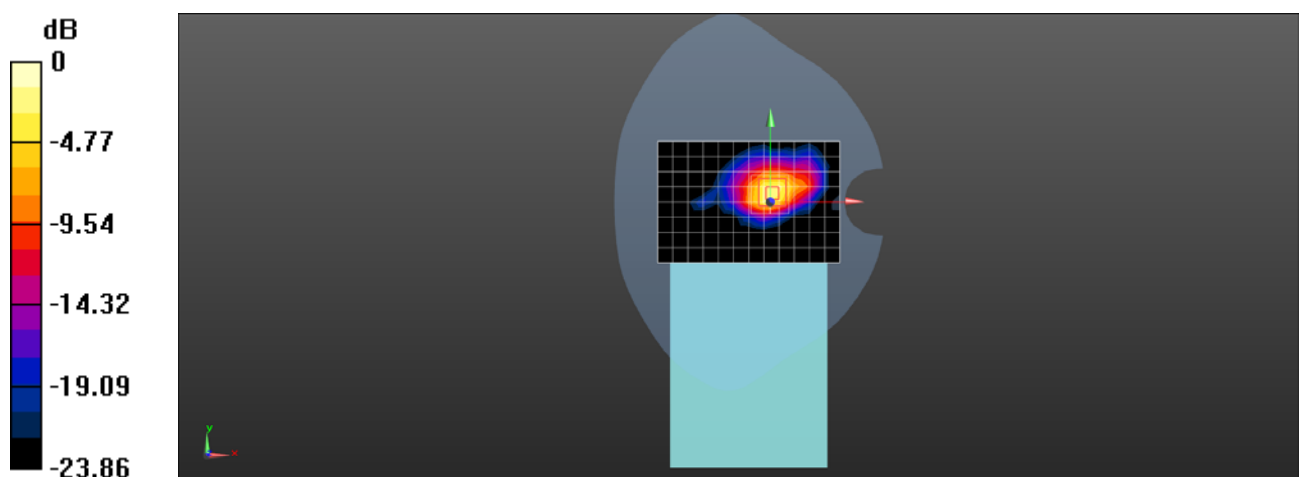
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 11.03 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 2.59 W/kg

SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.416 W/kg

Maximum value of SAR (measured) = 1.75 W/kg



0 dB = 1.75 W/kg = 2.43 dBW/kg

Test Laboratory: SGS-SAR Lab

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

DUT: KOB-W09; Type: Tablet; Serial: GQE4T17602000815

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

Medium: HSL5GHz;Medium parameters used: $f = 5755 \text{ MHz}$; $\sigma = 5.36 \text{ S/m}$; $\epsilon_r = 35.159$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(5.05, 5.05, 5.05); Calibrated: 2018-01-11;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 23.0$
- Electronics: DAE4 Sn1374; Calibrated: 2017-08-31
- Phantom: SAM1; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (15x10x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.44 W/kg

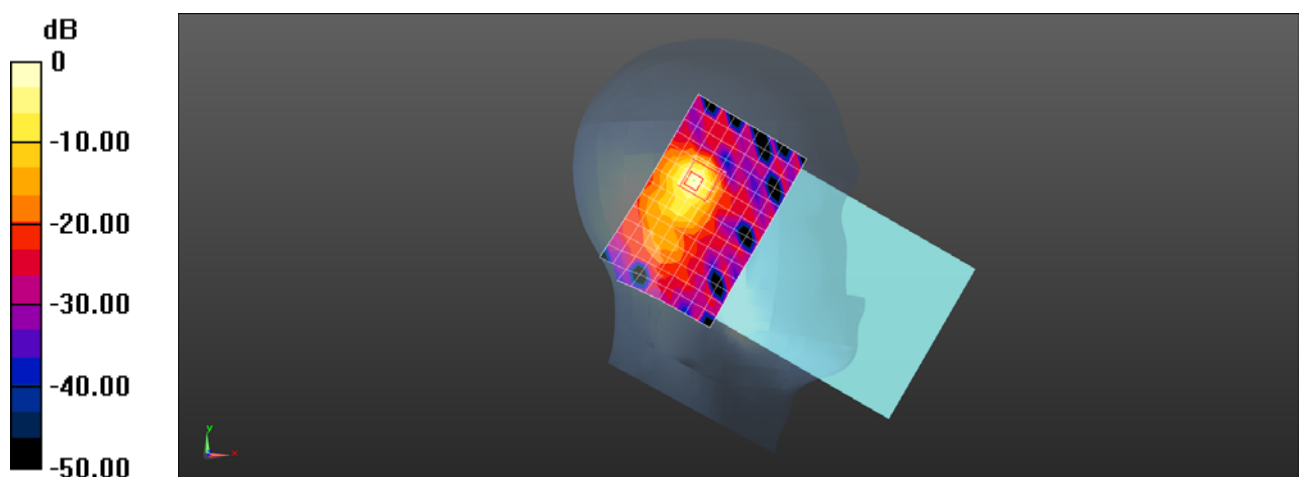
Configuration/Head/Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 2.722 V/m ; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.79 W/kg

SAR(1 g) = 0.653 W/kg ; SAR(10 g) = 0.151 W/kg

Maximum value of SAR (measured) = 1.75 W/kg



$0 \text{ dB} = 1.75 \text{ W/kg} = 2.43 \text{ dBW/kg}$

Test Laboratory: SGS-SAR Lab

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

DUT: KOB-W09; Type: Tablet; Serial: GQE4T17602000815

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

Medium: MSL5000;Medium parameters used: $f = 5825$ MHz; $\sigma = 6.043$ S/m; $\epsilon_r = 46.769$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(4.59, 4.59, 4.59); Calibrated: 2018-01-11;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -2.0, 23.0$
- Electronics: DAE4 Sn1374; Calibrated: 2017-08-31
- Phantom: SAM2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (5x14x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 1.28 W/kg

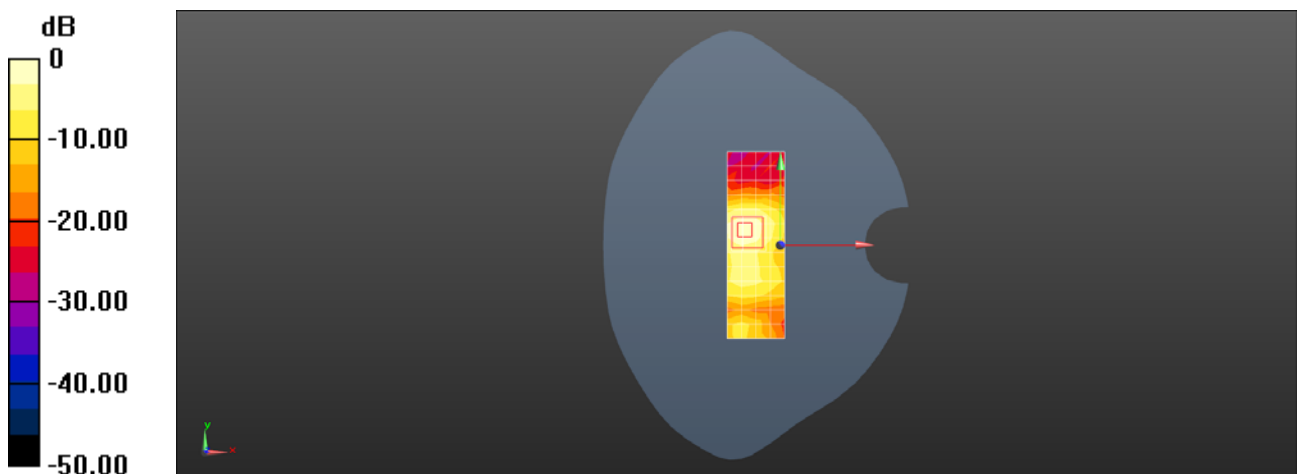
Configuration/Body/Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 6.188 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 2.50 W/kg

SAR(1 g) = 0.619 W/kg; SAR(10 g) = 0.211 W/kg

Maximum value of SAR (measured) = 1.47 W/kg



0 dB = 1.47 W/kg = 1.67 dBW/kg