



Appendix B. SAR Measurement Plots

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Test Laboratory: HUAWEI SAR/HAC Lab

JDN-W09 Wifi 2.4G 11b 1CH Right touch

DUT: JDN-W09; Type: HUAWEI MediaPad T2 8 Pro; Serial: SAR2

Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 2412 MHz;Duty Cycle: 1:1

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.822$ S/m; $\epsilon_r = 38.828$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY Configuration:

- ζ Probe: EX3DV4 - SN3744; ConvF(6.84, 6.84, 6.84); Calibrated: 2015-7-24;
- ζ Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ζ Electronics: DAE4 Sn1236; Calibrated: 2015-11-23
- ζ Phantom: SAM4; Type: SAM; Serial: TP-1620
- ζ DASY52 52.8.8(1222);

Configuration/Head/Area Scan (14x22x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.00731 W/kg

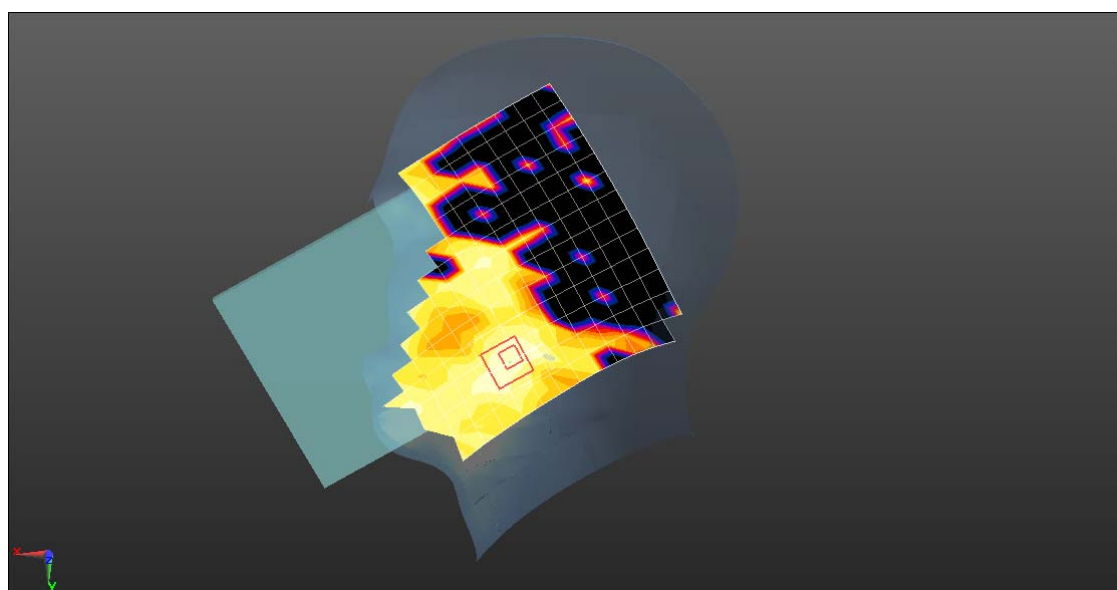
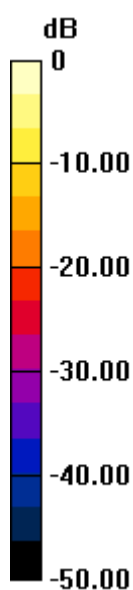
Configuration/Head/Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 0.4070 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.0120 W/kg

SAR(1 g) = 0.00559 W/kg; SAR(10 g) = 0.00178 W/kg

Maximum value of SAR (measured) = 0.00944 W/kg



0 dB = 0.00944 W/kg = -20.25 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

JDN-W09 Wifi 2.4G 11b 1CH Back Side 0mm**DUT: JDN-W09; Type: HUAWEI MediaPad T2 8 Pro; Serial: SAR2**

Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 2412 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2412$ MHz; $\sigma = 1.934$ S/m; $\epsilon_r = 51.54$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ζ Probe: EX3DV4 - SN3744; ConvF(6.77, 6.77, 6.77); Calibrated: 2015-7-24;
- ζ Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- ζ Electronics: DAE4 Sn1236; Calibrated: 2015-11-23
- ζ Phantom: ELI v5.0; Type: ELI; Serial: TP:1111
- ζ DASY52 52.8.8(1222);

Configuration/Body/Area Scan (14x22x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 1.24 W/kg

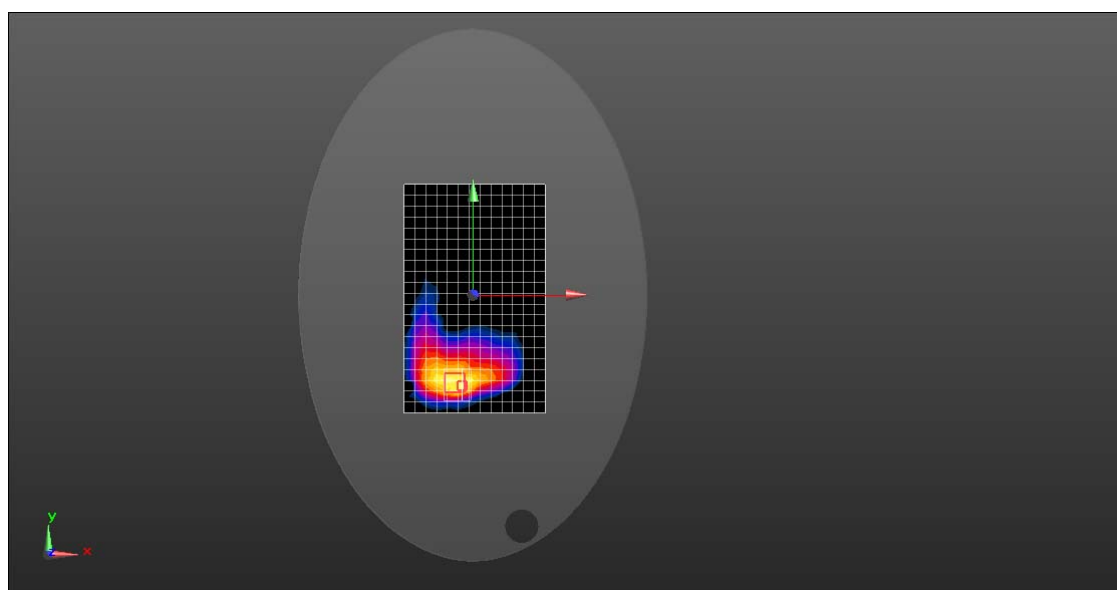
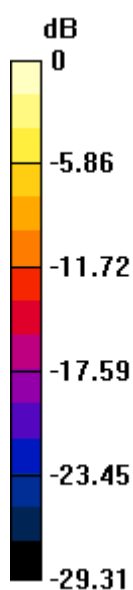
Configuration/Body/Zoom Scan (7x8x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 3.49 W/kg

SAR(1 g) = 0.945 W/kg; SAR(10 g) = 0.390 W/kg

Maximum value of SAR (measured) = 2.32 W/kg



0 dB = 2.32 W/kg = 3.65 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

JDN-W09 WIFI 5G 802.11a 52CH Left touch**DUT: JDN-W09; Type: HUAWEI MediaPad T2 8 Pro; Serial: SAR2**

Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 5260 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5260$ MHz; $\sigma = 4.743$ S/m; $\epsilon_r = 36.409$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY Configuration:

- ζ Probe: EX3DV4 - SN3736; ConvF(4.57, 4.57, 4.57); Calibrated: 2016-4-26;
- ζ Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 25.0$
- ζ Electronics: DAE4 Sn1236; Calibrated: 2015-11-23
- ζ Phantom: SAM3; Type: SAM; Serial: TP-1597
- ζ DASY52 52.8.8(1222);

Configuration/Head/Area Scan (17x25x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 0.0153 W/kg

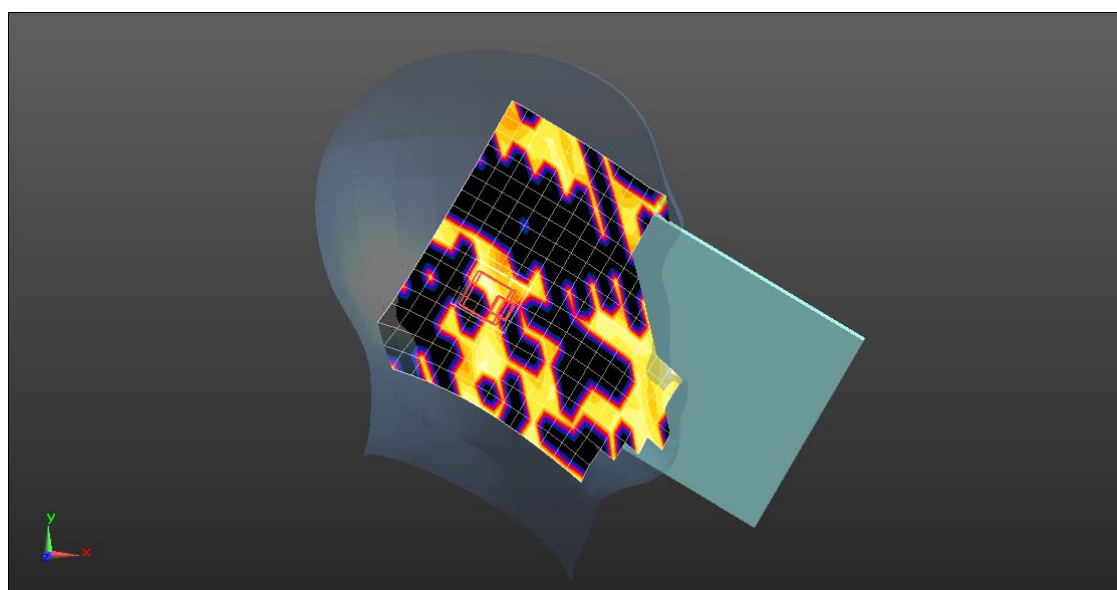
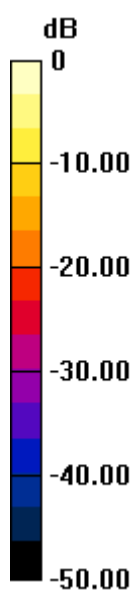
Configuration/Head/Zoom Scan (9x9x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 0.6780 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.0150 W/kg

SAR(1 g) = 0.000324 W/kg; SAR(10 g) = 8.56e-005 W/kg

Maximum value of SAR (measured) = 0.0129 W/kg



0 dB = 0.0129 W/kg = -18.88 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

JDN-W09 WIFI 5G 802.11a 120CH Back Side 0mm**DUT: JDN-W09; Type: HUAWEI MediaPad T2 8 Pro; Serial: SAR2**

Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 5600 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.901$ S/m; $\epsilon_r = 48.34$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- ζ Probe: EX3DV4 - SN3736; ConvF(3.48, 3.48, 3.48); Calibrated: 2016-4-26;
- ζ Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 25.0$
- ζ Electronics: DAE4 Sn1236; Calibrated: 2015-11-23
- ζ Phantom: ELI v5.0; Type: ELI; Serial: TP:1111
- ζ DASY52 52.8.8(1222);

Configuration/Body/Area Scan (17x14x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 2.53 W/kg

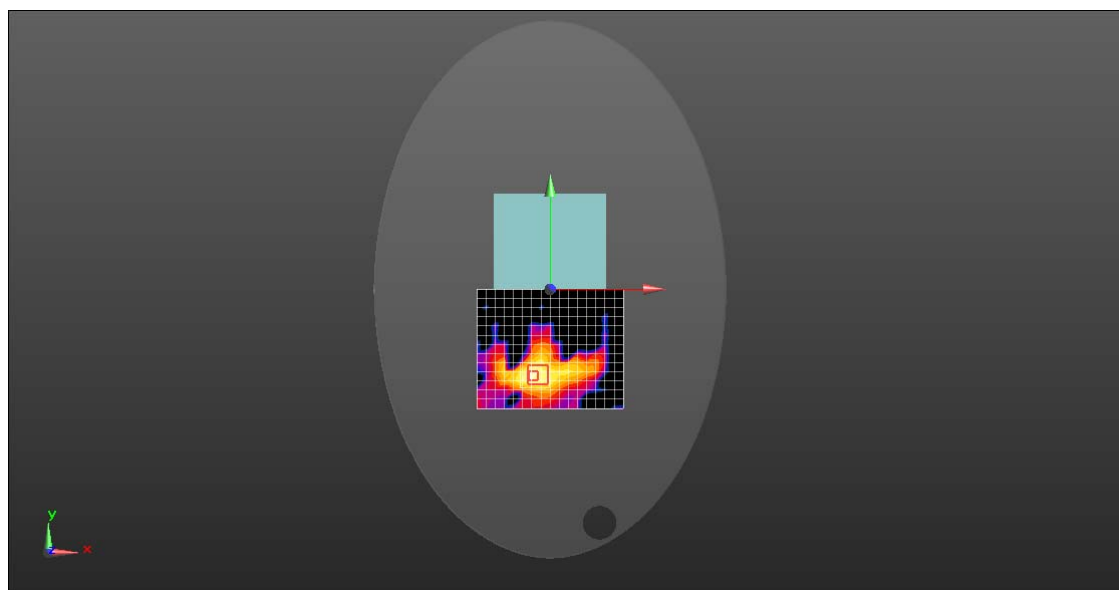
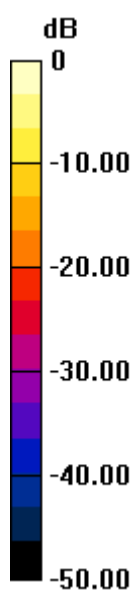
Configuration/Body/Zoom Scan (9x8x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 9.03 W/kg

SAR(1 g) = 1.19 W/kg; SAR(10 g) = 0.308 W/kg

Maximum value of SAR (measured) = 3.69 W/kg



0 dB = 3.69 W/kg = 5.66 dBW/kg