Appendix B. SAR Measurement Plots

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Test Laboratory: HUAWEI SAR/HAC Lab

Y560-L01 GSM850 128CH Right hand touch cheek with battery 2#

DUT: HUAWEI Y560-L01, Y560-L01; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 824.2 MHz; Duty Cycle: 1:8.30042
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.898 S/m; ε_r = 42.633; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN7350; ConvF(9.92, 9.92, 9.92); Calibrated: 2015-1-8;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.636 W/kg

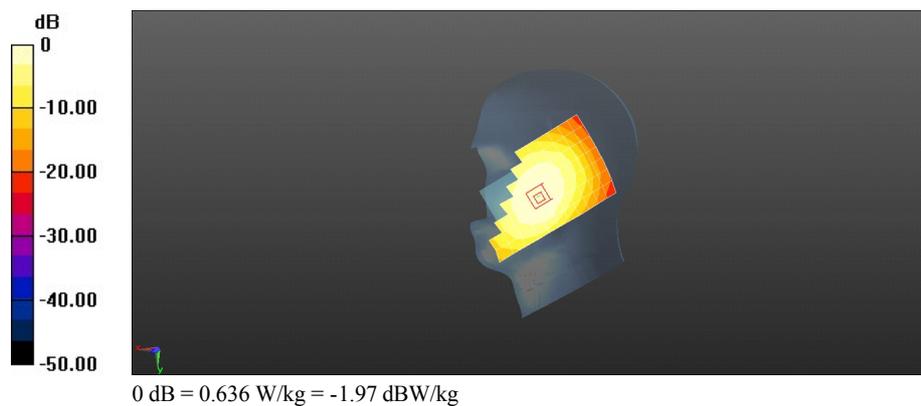**Configuration/Head/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.974 V/m; Power Drift = -0.11 dB
Peak SAR (extrapolated) = 0.696 W/kg
SAR(1 g) = 0.585 W/kg; SAR(10 g) = 0.453 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 0.648 W/kg

0 dB = 0.636 W/kg = -1.97 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y560-L01 GSM850 190CH Front side 15mm

DUT: HUAWEI Y560-L01, Y560-L01; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 836.6 MHz;Duty Cycle: 1:8.30042

Medium parameters used: f = 837 MHz; σ = 1.006 S/m; ε_r = 56.857; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7350; ConvF(9.42, 9.42, 9.42); Calibrated: 2015-1-8;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
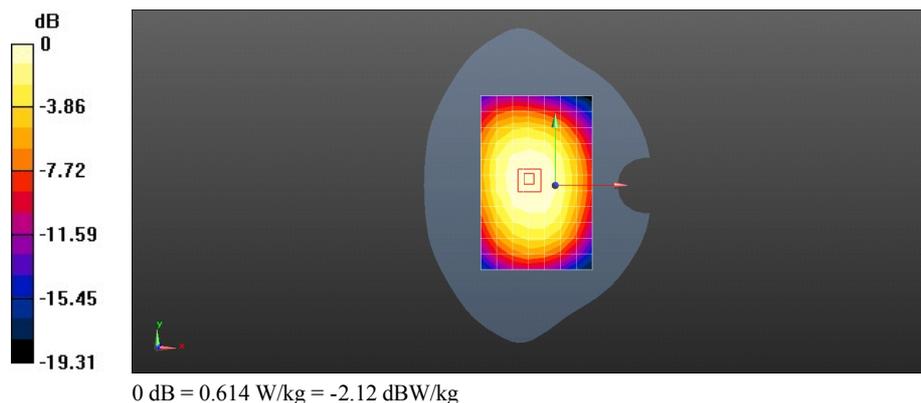Maximum value of SAR (measured) = 0.614 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.83 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.720 W/kg
SAR(1 g) = 0.565 W/kg; SAR(10 g) = 0.437 W/kg
Maximum value of SAR (measured) = 0.620 W/kg

0 dB = 0.614 W/kg = -2.12 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y560-L01 GSM850 GPRS 3TS 128CH Back side 10mm with battery 2#-repeated

DUT: HUAWEI Y560-L01, Y560-L01; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-GSM\GPRS\EGPRS-3TS (0); Frequency: 824.2 MHz;Duty Cycle: 1:2.77013
Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.994 S/m; ε_r = 56.99; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7350; ConvF(9.42, 9.42, 9.42); Calibrated: 2015-1-8;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.00 W/kg

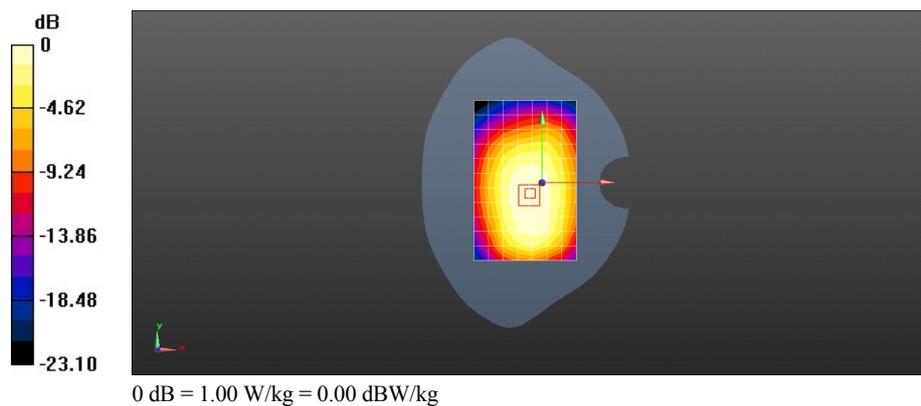**Configuration/Body/Zoom Scan (5x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 30.88 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.913 W/kg; SAR(10 g) = 0.704 W/kg

Info: Interpolated medium parameters used for SAR evaluation.

0 dB = 1.00 W/kg = 0.00 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y560-L01 GSM1900 810CH Right hand touch cheek with battery 2#

DUT: HUAWEI Y560-L01, Y560-L01; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 1909.8 MHz;Duty Cycle: 1:8.30042

Medium parameters used: f = 1910 MHz; σ = 1.426 S/m; ε_r = 38.705; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN7350; ConvF(8.12, 8.12, 8.12); Calibrated: 2015-1-8;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
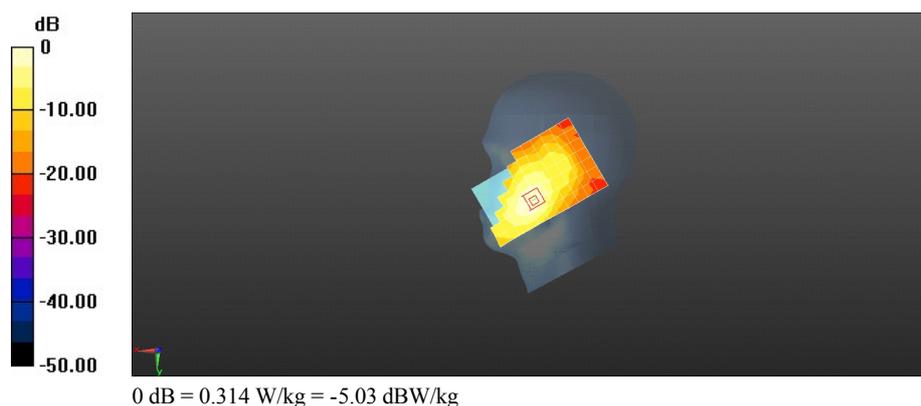
Maximum value of SAR (measured) = 0.314 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.248 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.428 W/kg

SAR(1 g) = 0.274 W/kg; SAR(10 g) = 0.169 W/kg

Maximum value of SAR (measured) = 0.318 W/kg

0 dB = 0.314 W/kg = -5.03 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y560-L01 GSM1900 661CH Back side 15mm with battery 2#

DUT: HUAWEI Y560-L01, Y560-L01; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-GSM\GPRS\EGPRS-1TS (0); Frequency: 1880 MHz;Duty Cycle: 1:8.30042

Medium parameters used: f = 1880 MHz; σ = 1.551 S/m; ε_r = 51.867; ρ = 1000 kg/m^3

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7350; ConvF(7.82, 7.82, 7.82); Calibrated: 2015-1-8;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm
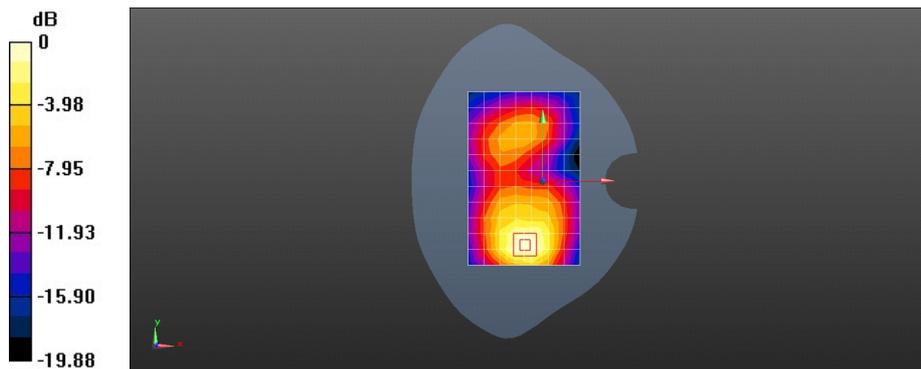
Maximum value of SAR (measured) = 0.320 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.853 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.454 W/kg

SAR(1 g) = 0.308 W/kg; SAR(10 g) = 0.180 W/kg

Maximum value of SAR (measured) = 0.364 W/kg

0 dB = 0.320 W/kg = -4.95 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y560-L01 GSM1900 GPRS 3TS 512CH Back side 10mm-repeated

DUT: HUAWEI Y560-L01, Y560-L01; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, HW-GSM\GPRS\EGPRS-3TS (0); Frequency: 1850.2 MHz;Duty Cycle: 1:2.77013
Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.508 S/m; $ε_r$ = 52.381; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7350; ConvF(7.82, 7.82, 7.82); Calibrated: 2015-1-8;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x12x1): Measurement grid: dx=15mm, dy=15mm

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.26 W/kg

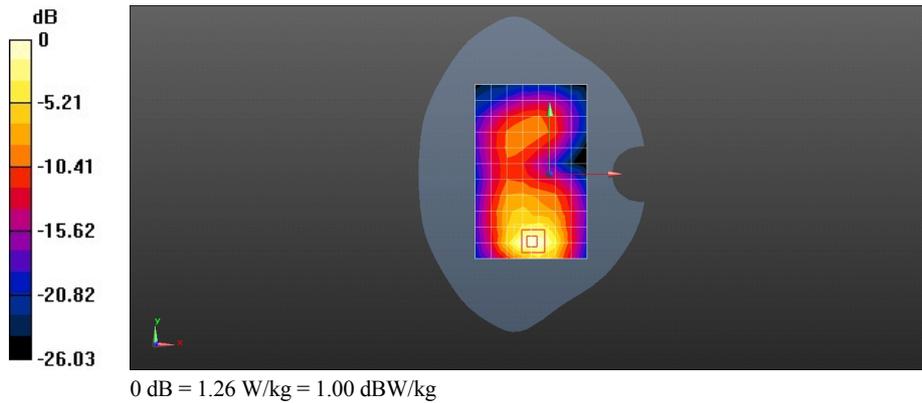**Configuration/Body/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.486 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 2.04 W/kg
SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.608 W/kg

Info: Interpolated medium parameters used for SAR evaluation.
Maximum value of SAR (measured) = 1.52 W/kg

0 dB = 1.26 W/kg = 1.00 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y560-L01 LTE Band VII 20M QPSK 1RB#0 21100CH Right hand touch cheek

DUT: HUAWEI Y560-L01, Y560-L01; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2535 MHz;Duty Cycle: 1:1

Medium parameters used: f = 2535 MHz; σ = 1.859 S/m; $ε_r$ = 38.264; ρ = 1000 kg/m^3

Phantom section: Right Section

DASY Configuration:

- Probe: EX3DV4 - SN7350; ConvF(7.1, 7.1, 7.1); Calibrated: 2015-1-8;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (9x15x1): Measurement grid: dx=12mm, dy=12mm
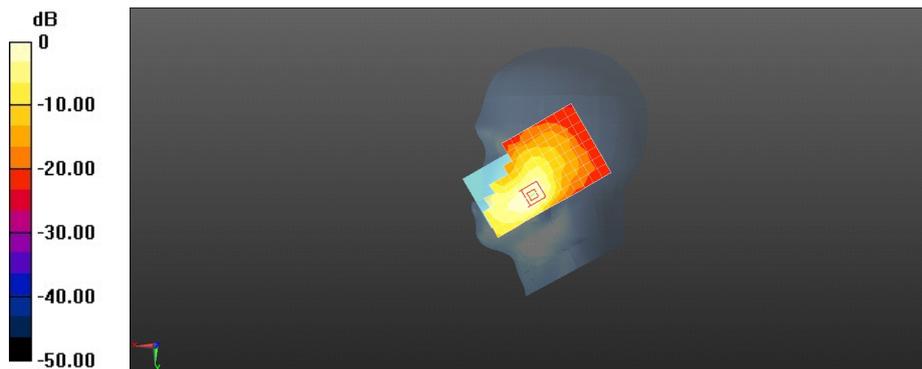Maximum value of SAR (measured) = 0.412 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.322 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.542 W/kg
SAR(1 g) = 0.324 W/kg; SAR(10 g) = 0.181 W/kg
Maximum value of SAR (measured) = 0.395 W/kg

0 dB = 0.412 W/kg = -3.85 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y560-L01 LTE Band VII 20M QPSK 1RB#0 21100CH Back side 15mm

DUT: HUAWEI Y560-L01, Y560-L01; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2535 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2535 MHz; σ = 2.131 S/m; ε_r = 50.745; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7350; ConvF(7.15, 7.15, 7.15); Calibrated: 2015-1-8;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (9x15x1): Measurement grid: dx=12mm, dy=12mm
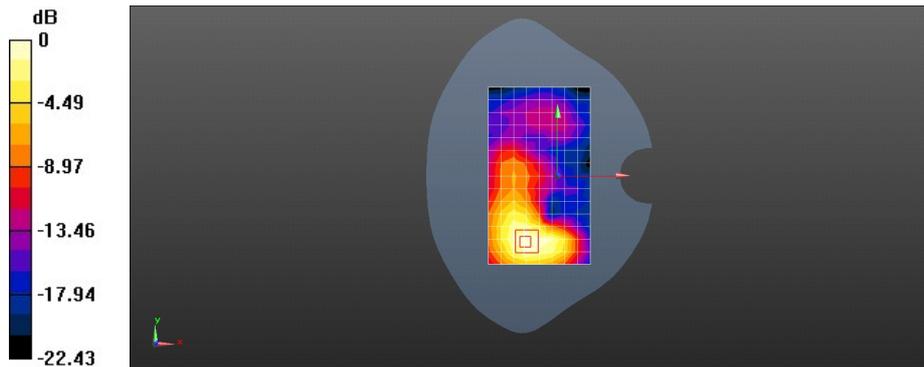Maximum value of SAR (measured) = 0.380 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.853 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.540 W/kg
SAR(1 g) = 0.307 W/kg; SAR(10 g) = 0.169 W/kg
Maximum value of SAR (measured) = 0.387 W/kg

0 dB = 0.380 W/kg = -4.20 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y560-L01 LTE Band VII 20M QPSK 1RB#0 21350CH Bottom side 10mm with battery 2#

DUT: HUAWEI Y560-L01, Y560-L01; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, LTE-FDD (SC-FDMA, 20MHz, QPSK/16-QAM) (0); Frequency: 2560 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2560 MHz; σ = 2.168 S/m; ε_r = 50.701; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7350; ConvF(7.15, 7.15, 7.15); Calibrated: 2015-1-8;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (7x10x1): Measurement grid: dx=12mm, dy=12mm
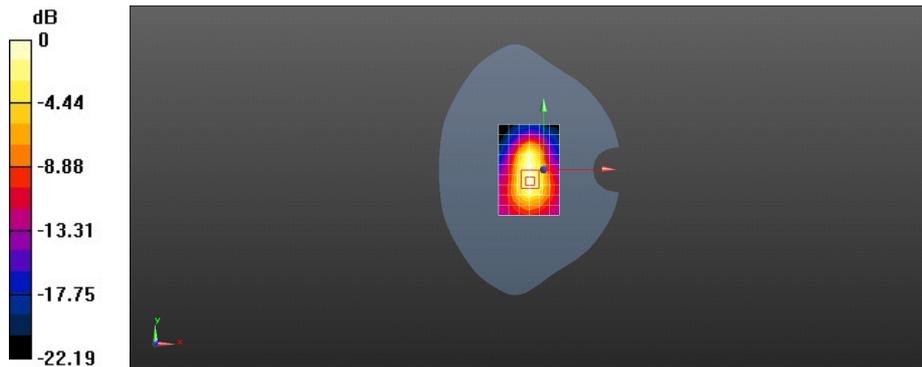Maximum value of SAR (measured) = 0.938 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 18.20 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.45 W/kg
SAR(1 g) = 0.760 W/kg; SAR(10 g) = 0.372 W/kg
Maximum value of SAR (measured) = 0.992 W/kg

0 dB = 0.938 W/kg = -0.28 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y560-L01 WIFI2.4G 802.11b 11CH Left hand touch cheek

DUT: HUAWEI Y560-L01, Y560-L01; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.859 S/m; ε_r = 37.701; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY Configuration:

- Probe: EX3DV4 - SN7350; ConvF(7.28, 7.28, 7.28); Calibrated: 2015-1-8;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: SAM2; Type: SAM; Serial: TP:1474
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (9x15x1): Measurement grid: dx=12mm, dy=12mm
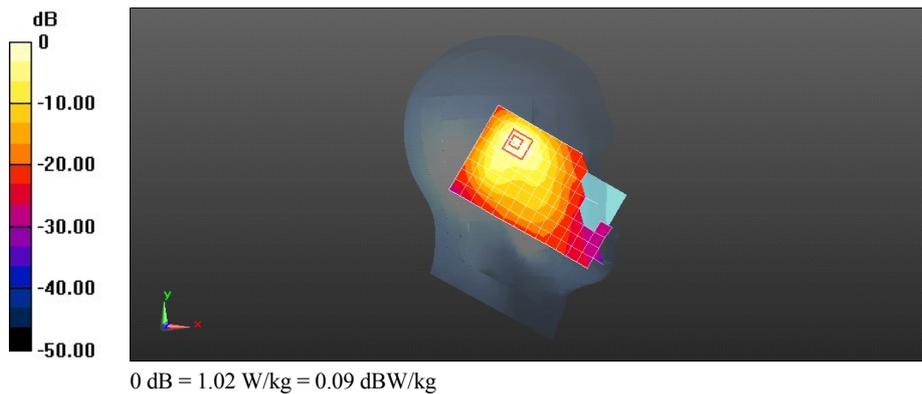Maximum value of SAR (measured) = 1.02 W/kg

Configuration/Head/Zoom Scan (7x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.06 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 1.75 W/kg
SAR(1 g) = 0.812 W/kg; SAR(10 g) = 0.372 W/kg
Maximum value of SAR (measured) = 1.05 W/kg

0 dB = 1.02 W/kg = 0.09 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y560-L01 WIFI2.4G 802.11b 11CH Back side 15mm with battery 2#

DUT: HUAWEI Y560-L01, Y560-L01; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 2.022 S/m; $ε_r$ = 52.084; ρ = 1000 kg/m³
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7350; ConvF(7.23, 7.23, 7.23); Calibrated: 2015-1-8;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (9x15x1): Measurement grid: dx=12mm, dy=12mm
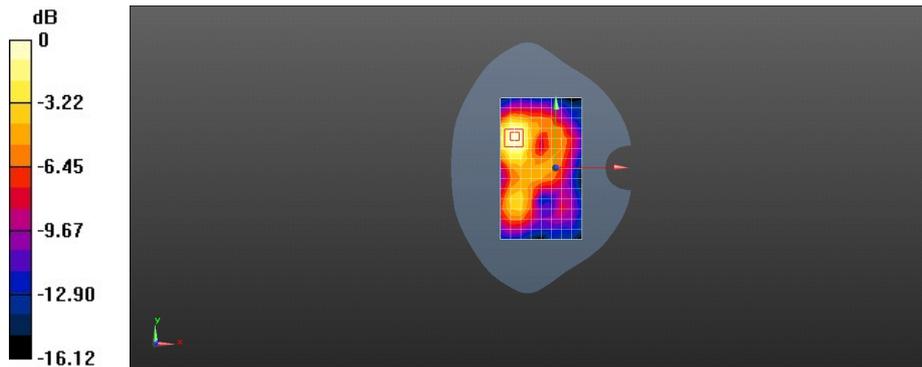Maximum value of SAR (measured) = 0.114 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.163 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.170 W/kg
SAR(1 g) = 0.097 W/kg; SAR(10 g) = 0.053 W/kg
Maximum value of SAR (measured) = 0.121 W/kg

0 dB = 0.114 W/kg = -9.43 dBW/kg

Test Laboratory: HUAWEI SAR/HAC Lab

Y560-L01 WIFI2.4G 802.11b 11CH Back side 10mm with battery 2#

DUT: HUAWEI Y560-L01, Y560-L01; Type: Smart Phone; Serial: SAR1

Communication System: UID 0, WiFi(802.11a/b/g/n/ac) (0); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 2.022 S/m; ε_r = 52.084; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7350; ConvF(7.23, 7.23, 7.23); Calibrated: 2015-1-8;
- Sensor-Surface: 3mm (Mechanical Surface Detection), z = 1.0, 31.0
- Electronics: DAE4 Sn852; Calibrated: 2015-4-27
- Phantom: SAM1; Type: SAM; Serial: TP-1475
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (9x15x1): Measurement grid: dx=12mm, dy=12mm
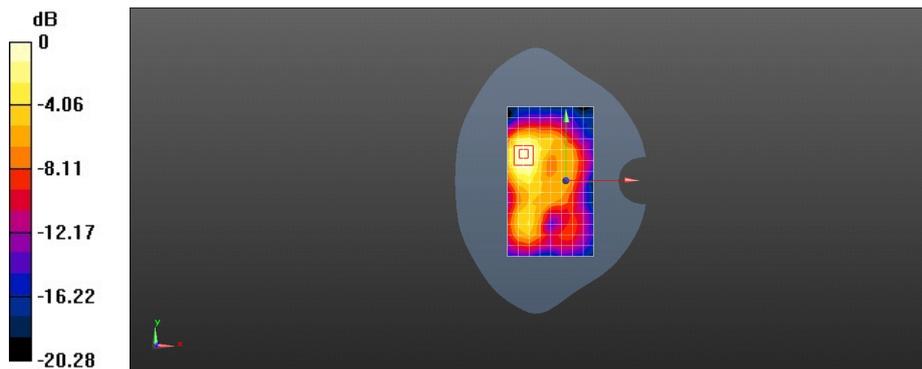Maximum value of SAR (measured) = 0.198 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.821 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.351 W/kg
SAR(1 g) = 0.191 W/kg; SAR(10 g) = 0.099 W/kg
Maximum value of SAR (measured) = 0.239 W/kg

0 dB = 0.198 W/kg = -7.03 dBW/kg