



Appendix B

Detailed Test Results

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3. CDMA
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WIFI 2.4G for Head & Body
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6. BT
BT for Head & Body

Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 GSM 850 GSM 190CH Right cheek

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, GSM Only Communication System (0); Frequency: 836.6 MHz; Duty Cycle: 1:8.30042

Medium: HSL835; Medium parameters used: $f = 837$ MHz; $\sigma = 0.94$ S/m; $\epsilon_r = 41.721$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.53, 8.53, 8.53); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (8x13x1): Measurement grid: $dx=15$ mm, $dy=15$ mm
Maximum value of SAR (measured) = 0.245 W/kg

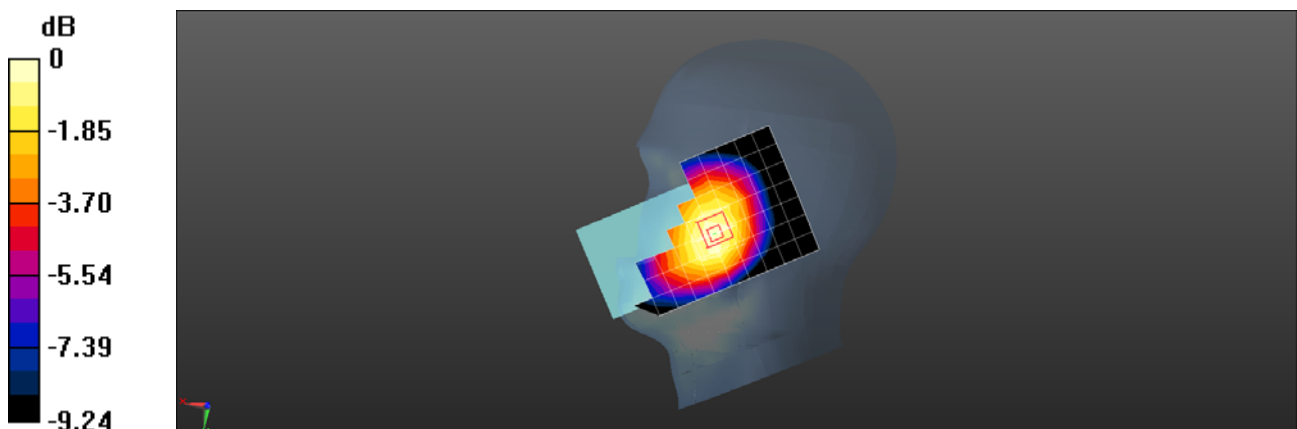
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.268 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.270 W/kg

SAR(1 g) = 0.203 W/kg; SAR(10 g) = 0.154 W/kg

Maximum value of SAR (measured) = 0.246 W/kg



0 dB = 0.246 W/kg = -6.09 dBW/kg

Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 GSM 850 GSM 128CH Back side 15mm

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, GSM Only Communication System (0); Frequency: 824.2 MHz; Duty Cycle: 1:8.30042

Medium: HSL835; Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.933$ S/m; $\epsilon_r = 41.877$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.53, 8.53, 8.53); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.254 W/kg

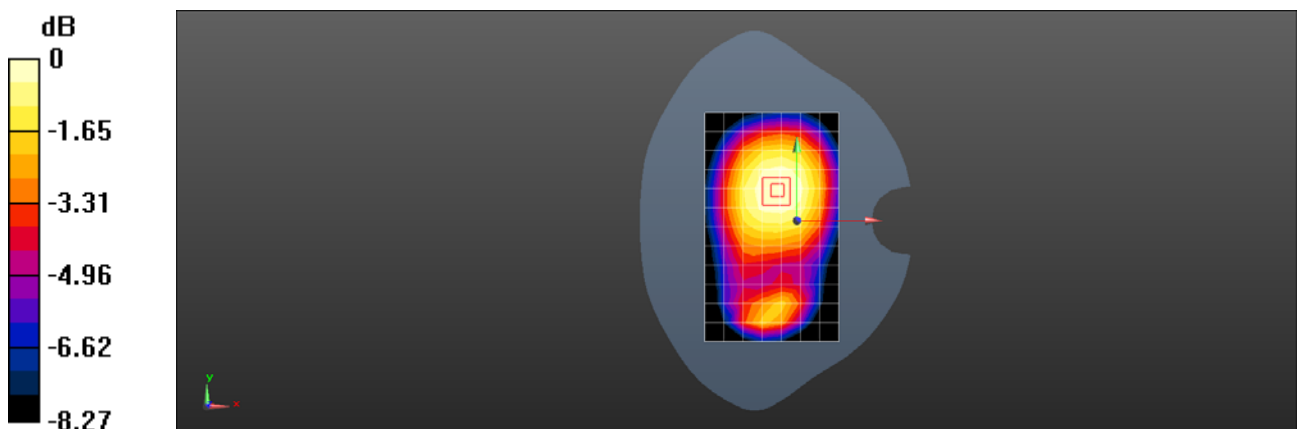
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.72 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.280 W/kg

SAR(1 g) = 0.208 W/kg; SAR(10 g) = 0.158 W/kg

Maximum value of SAR (measured) = 0.253 W/kg



0 dB = 0.253 W/kg = -5.97 dBW/kg

Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 GSM 850 GPRS 4TS 190CH Back side 10mm

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, GPRS/EGPRS Mode(4up) Communication System (0); Frequency: 836.6 MHz; Duty Cycle: 1:2.0797

Medium: HSL835; Medium parameters used: $f = 837$ MHz; $\sigma = 0.94$ S/m; $\epsilon_r = 41.721$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.53, 8.53, 8.53); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.548 W/kg

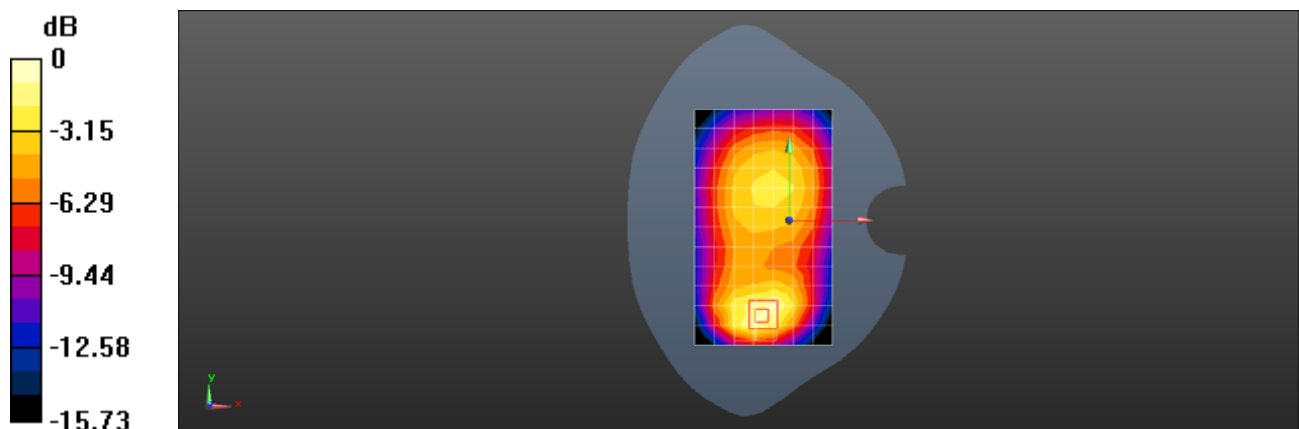
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.01 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.804 W/kg

SAR(1 g) = 0.424 W/kg; SAR(10 g) = 0.245 W/kg

Maximum value of SAR (measured) = 0.640 W/kg



0 dB = 0.640 W/kg = -1.94 dBW/kg

Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 GSM 1900 GSM 512CH Right tilted

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, GSM Only Communication System (0); Frequency: 1850.2 MHz; Duty Cycle: 1:8.30042

Medium: HSL1900; Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.385$ S/m; $\epsilon_r = 41.375$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.21, 8.21, 8.21); Calibrated: 2020-04-01;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn414; Calibrated: 2019-12-17
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.145 W/kg

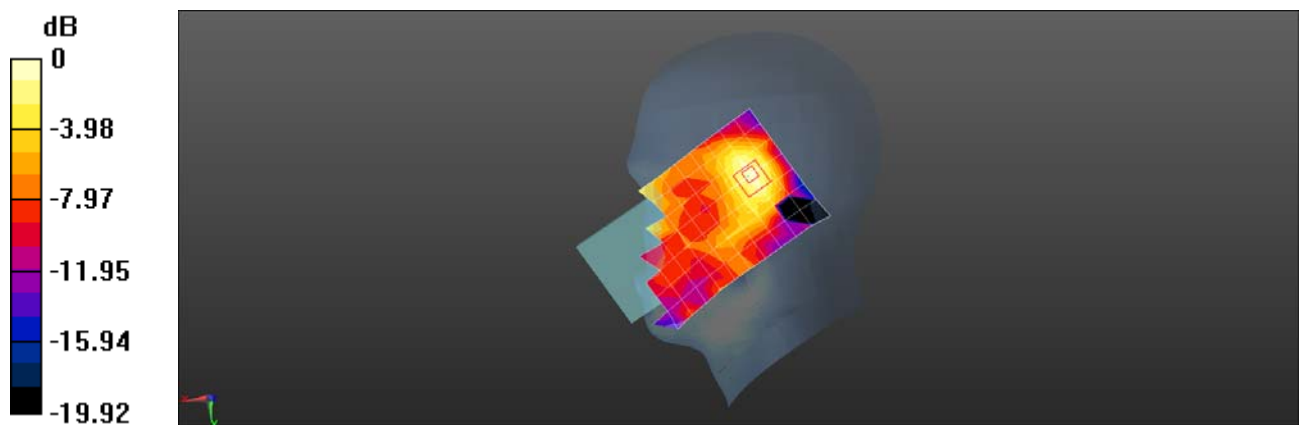
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.857 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.177 W/kg

SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.058 W/kg

Maximum value of SAR (measured) = 0.147 W/kg



0 dB = 0.147 W/kg = -8.33 dBW/kg

Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 GSM 1900 GSM 810CH Back side 15mm

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, GSM Only Communication System (0); Frequency: 1909.8 MHz; Duty Cycle: 1:8.30042

Medium: HSL1900; Medium parameters used: $f = 1910$ MHz; $\sigma = 1.447$ S/m; $\epsilon_r = 41.128$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.21, 8.21, 8.21); Calibrated: 2020-04-01;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn414; Calibrated: 2019-12-17
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.305 W/kg

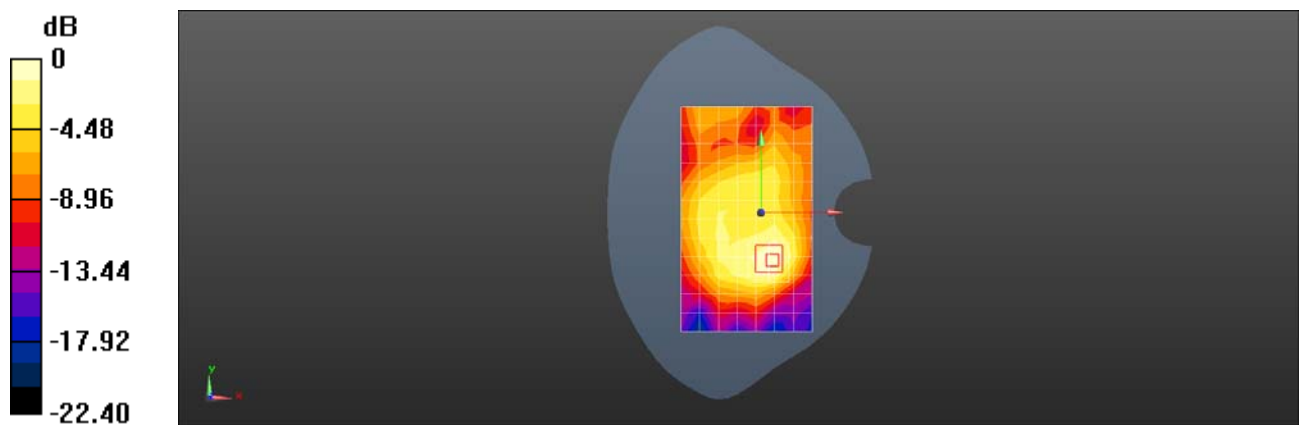
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.825 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.374 W/kg

SAR(1 g) = 0.210 W/kg; SAR(10 g) = 0.121 W/kg

Maximum value of SAR (measured) = 0.302 W/kg



Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 GSM 1900 GPRS 4TS 661CH Back side 10mm

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, GPRS/EGPRS Mode(4up) Communication System (0); Frequency: 1880 MHz; Duty Cycle: 1:2.0797

Medium: HSL1900; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.418$ S/m; $\epsilon_r = 41.237$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.21, 8.21, 8.21); Calibrated: 2020-04-01;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn414; Calibrated: 2019-12-17
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.525 W/kg

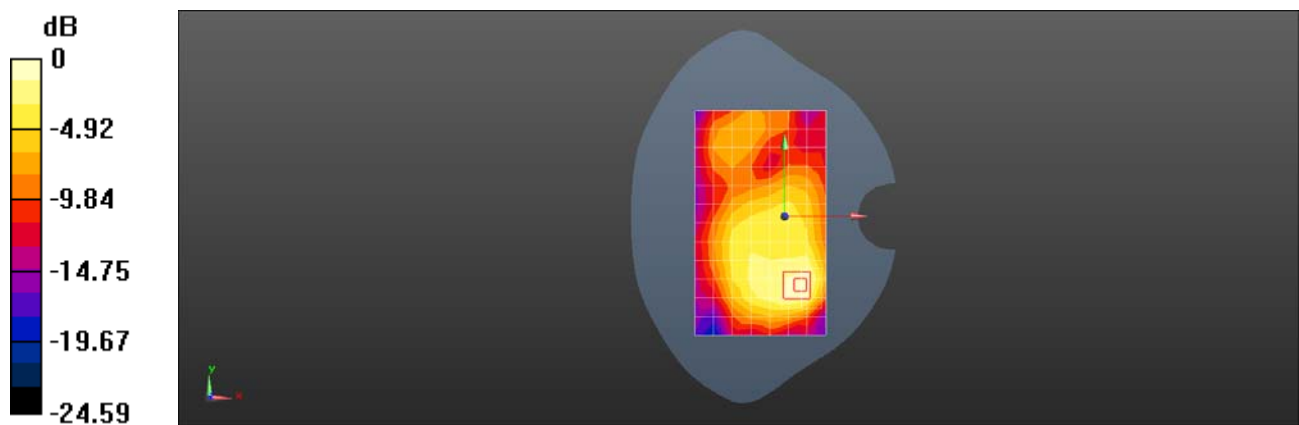
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.62 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.696 W/kg

SAR(1 g) = 0.370 W/kg; SAR(10 g) = 0.208 W/kg

Maximum value of SAR (measured) = 0.568 W/kg



Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 WCDMA Band II 9538CH Left cheek

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, WCDMA (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: HSL1900; Medium parameters used: $f = 1908$ MHz; $\sigma = 1.445$ S/m; $\epsilon_r = 41.136$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.21, 8.21, 8.21); Calibrated: 2020-04-01;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn414; Calibrated: 2019-12-17
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (measured) = 0.361 W/kg

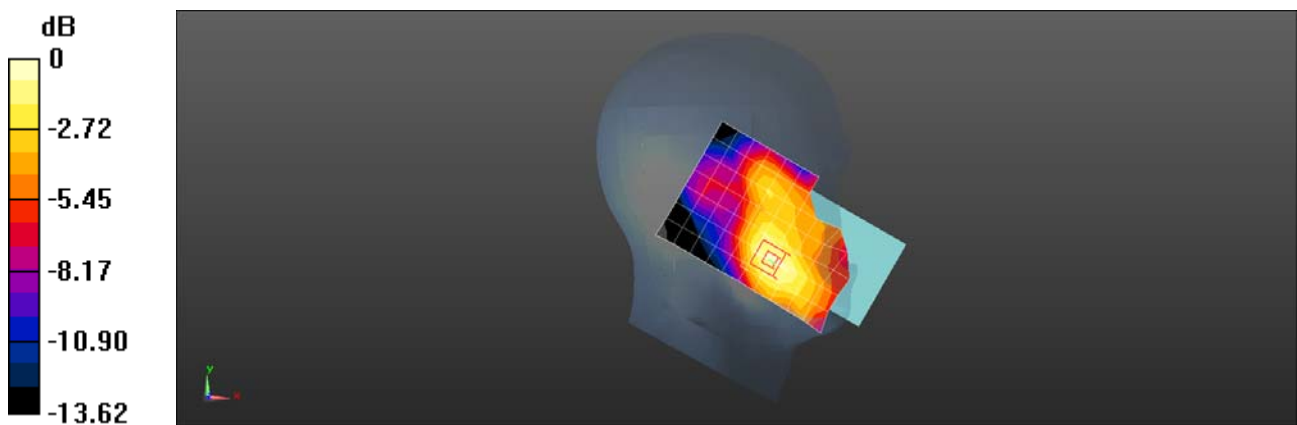
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.088 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.486 W/kg

SAR(1 g) = 0.299 W/kg; SAR(10 g) = 0.195 W/kg

Maximum value of SAR (measured) = 0.413 W/kg



Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 WCDMA Band II 9538CH Back side 15mm

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, WCDMA (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: HSL1900; Medium parameters used: $f = 1908$ MHz; $\sigma = 1.445$ S/m; $\epsilon_r = 41.136$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.21, 8.21, 8.21); Calibrated: 2020-04-01;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn414; Calibrated: 2019-12-17
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (measured) = 0.502 W/kg

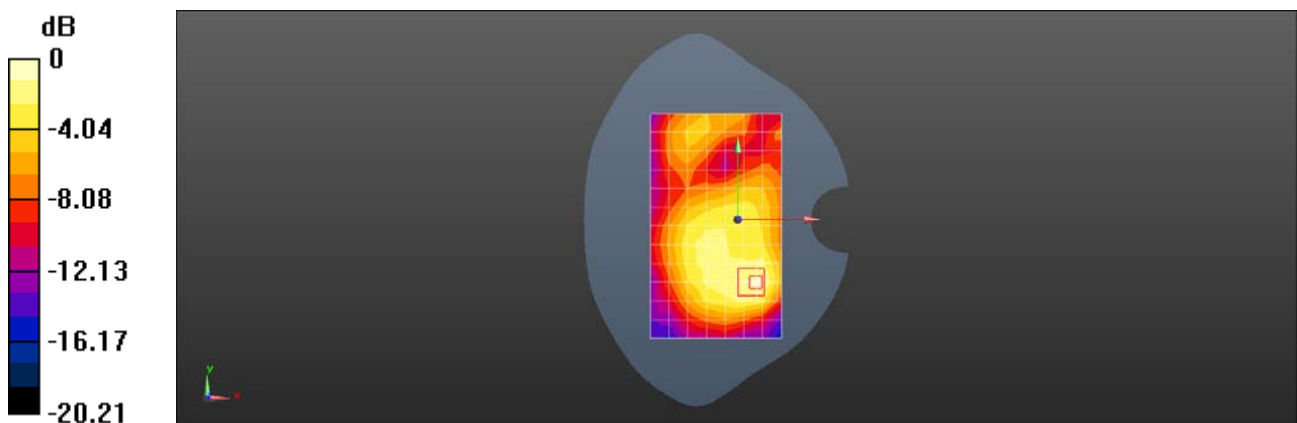
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.86 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.716 W/kg

SAR(1 g) = 0.402 W/kg; SAR(10 g) = 0.236 W/kg

Maximum value of SAR (measured) = 0.599 W/kg



Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 WCDMA Band II 9538CH Back side 10mm

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, WCDMA (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: HSL1900; Medium parameters used: $f = 1908$ MHz; $\sigma = 1.445$ S/m; $\epsilon_r = 41.136$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.21, 8.21, 8.21); Calibrated: 2020-04-01;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn414; Calibrated: 2019-12-17
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (measured) = 0.897 W/kg

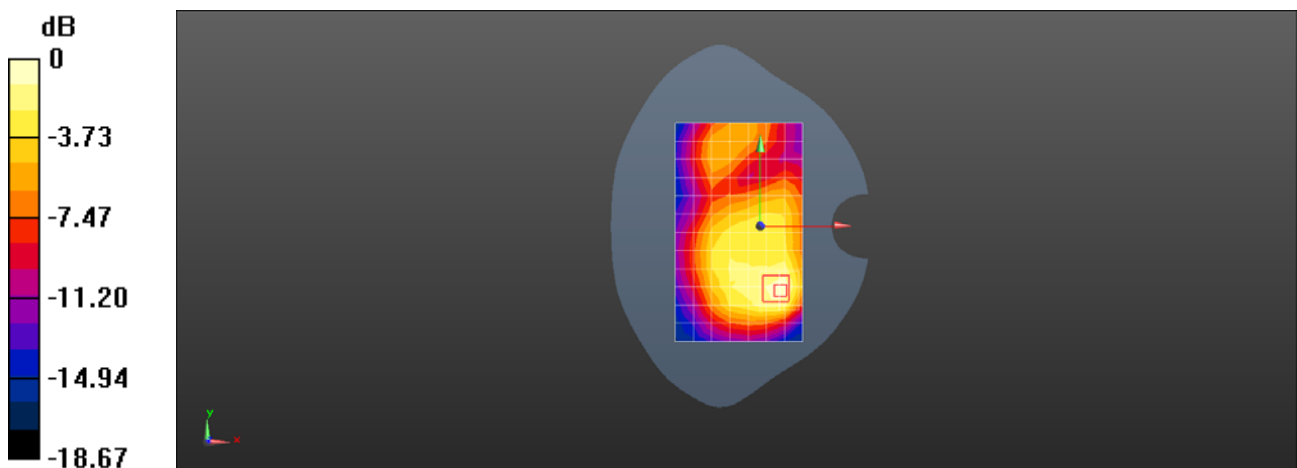
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.66 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.07 W/kg

SAR(1 g) = 0.579 W/kg; SAR(10 g) = 0.324 W/kg

Maximum value of SAR (measured) = 0.876 W/kg



0 dB = 0.876 W/kg = -0.57 dBW/kg

Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 WCDMA Band IV 1312CH Right cheek

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, WCDMA (0); Frequency: 1712.4 MHz; Duty Cycle: 1:1

Medium: HSL1750; Medium parameters used (interpolated): $f = 1712.4$ MHz; $\sigma = 1.331$ S/m; $\epsilon_r = 38.895$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.5, 8.5, 8.5); Calibrated: 2020-04-01;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn414; Calibrated: 2019-12-17
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.238 W/kg

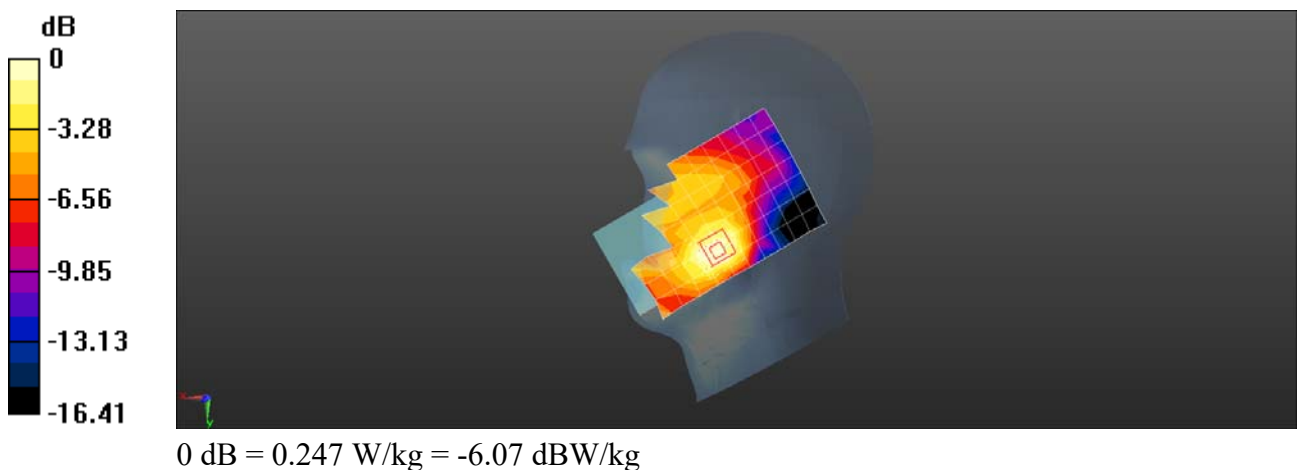
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.310 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.290 W/kg

SAR(1 g) = 0.186 W/kg; SAR(10 g) = 0.116 W/kg

Maximum value of SAR (measured) = 0.247 W/kg



Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 WCDMA Band IV 1513CH Back side 15mm

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, WCDMA (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: HSL1750; Medium parameters used: $f = 1753$ MHz; $\sigma = 1.36$ S/m; $\epsilon_r = 38.755$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.5, 8.5, 8.5); Calibrated: 2020-04-01;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn414; Calibrated: 2019-12-17
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (measured) = 0.421 W/kg

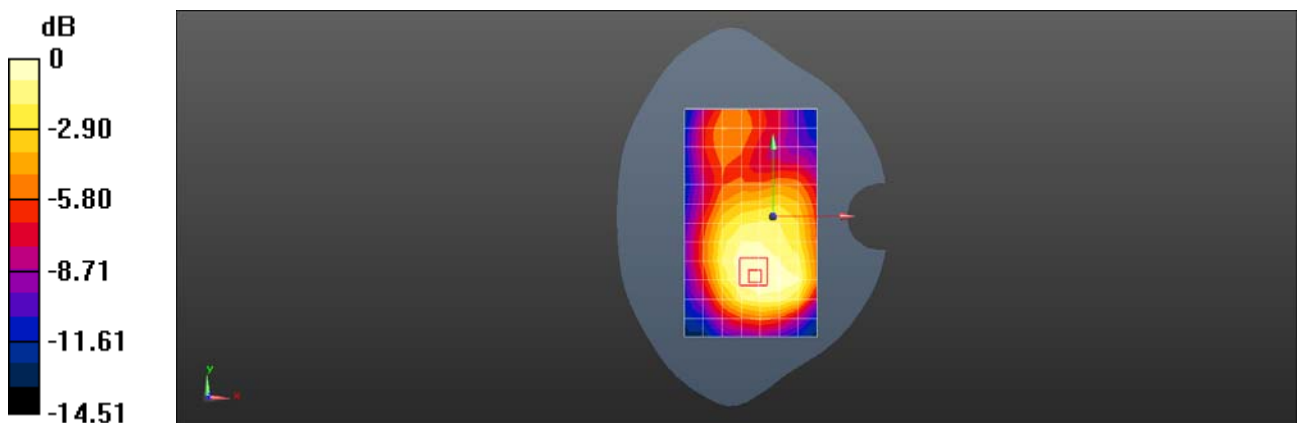
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 11.81 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.487 W/kg

SAR(1 g) = 0.307 W/kg; SAR(10 g) = 0.201 W/kg

Maximum value of SAR (measured) = 0.416 W/kg



0 dB = 0.416 W/kg = -3.81 dBW/kg

Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 WCDMA Band IV 1513CH Bottom side 10mm

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, WCDMA (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1

Medium: HSL1750; Medium parameters used: $f = 1753$ MHz; $\sigma = 1.36$ S/m; $\epsilon_r = 38.755$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.5, 8.5, 8.5); Calibrated: 2020-04-01;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn414; Calibrated: 2019-12-17
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (5x7x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.657 W/kg

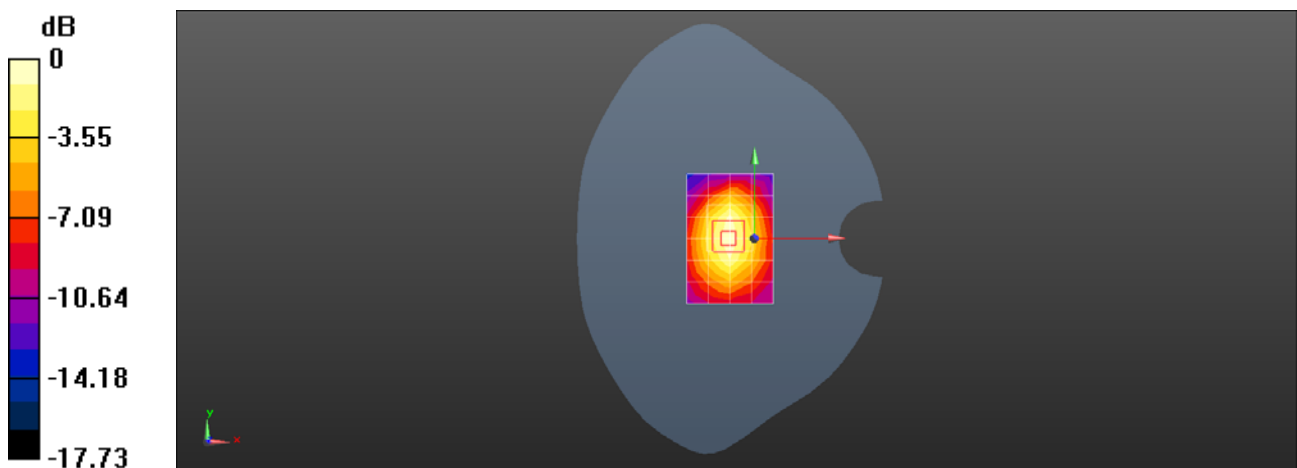
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.73 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.790 W/kg

SAR(1 g) = 0.450 W/kg; SAR(10 g) = 0.261 W/kg

Maximum value of SAR (measured) = 0.658 W/kg



0 dB = 0.658 W/kg = -1.82 dBW/kg

Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 WCDMA Band V 4233CH Right cheek

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, WCDMA (0); Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: HSL835; Medium parameters used: $f = 847$ MHz; $\sigma = 0.947$ S/m; $\epsilon_r = 41.614$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.53, 8.53, 8.53); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (measured) = 0.276 W/kg

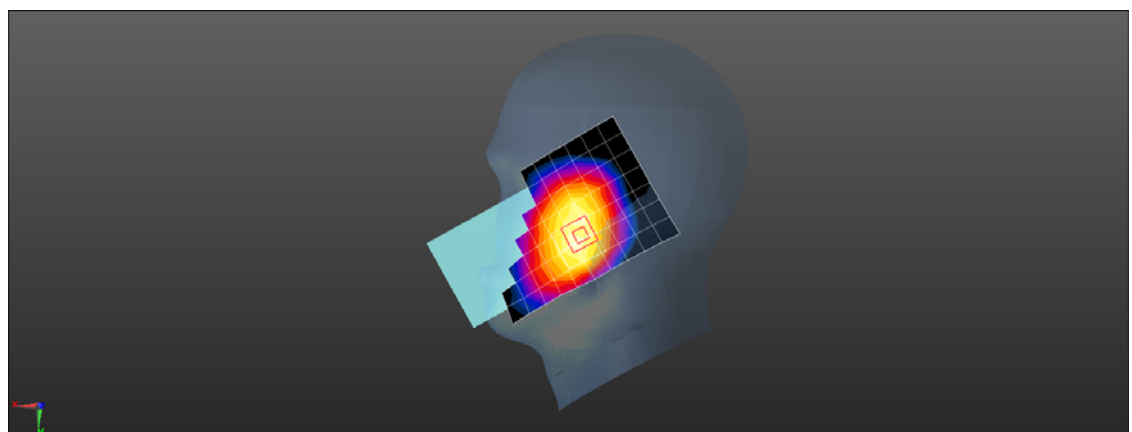
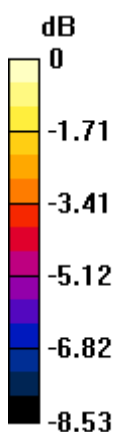
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.913 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.313 W/kg

SAR(1 g) = 0.221 W/kg; SAR(10 g) = 0.166 W/kg

Maximum value of SAR (measured) = 0.275 W/kg



0 dB = 0.275 W/kg = -5.61 dBW/kg

Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 WCDMA Band V 4182CH Back side 15mm

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, WCDMA (0); Frequency: 836.4 MHz; Duty Cycle: 1:1

Medium: HSL835; Medium parameters used (interpolated): $f = 836.4$ MHz; $\sigma = 0.937$ S/m; $\epsilon_r = 41.736$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.53, 8.53, 8.53); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.310 W/kg

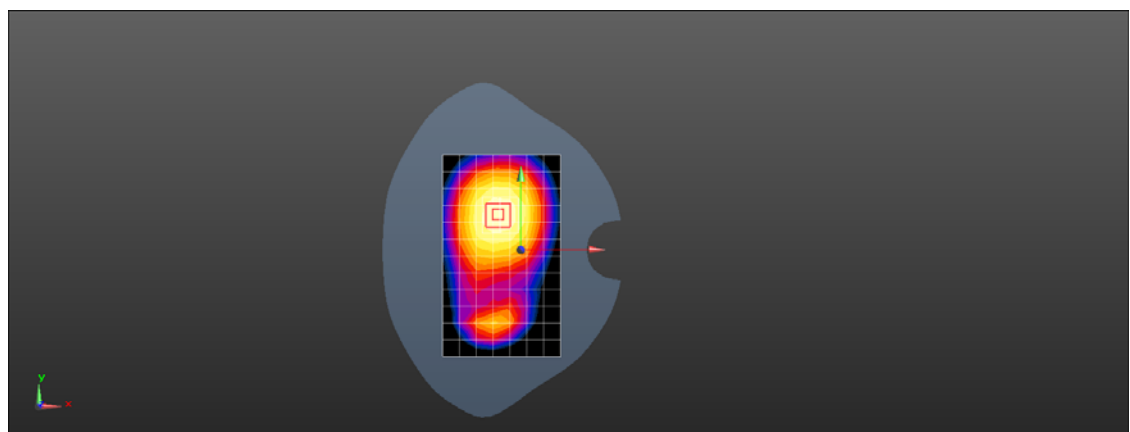
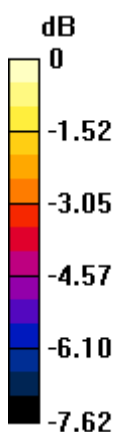
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.53 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.351 W/kg

SAR(1 g) = 0.262 W/kg; SAR(10 g) = 0.200 W/kg

Maximum value of SAR (measured) = 0.319 W/kg



0 dB = 0.319 W/kg = -4.96 dBW/kg

Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 WCDMA Band V 4233CH Back side 10mm

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, WCDMA (0); Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: HSL835; Medium parameters used: $f = 847$ MHz; $\sigma = 0.947$ S/m; $\epsilon_r = 41.614$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.53, 8.53, 8.53); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (measured) = 0.488 W/kg

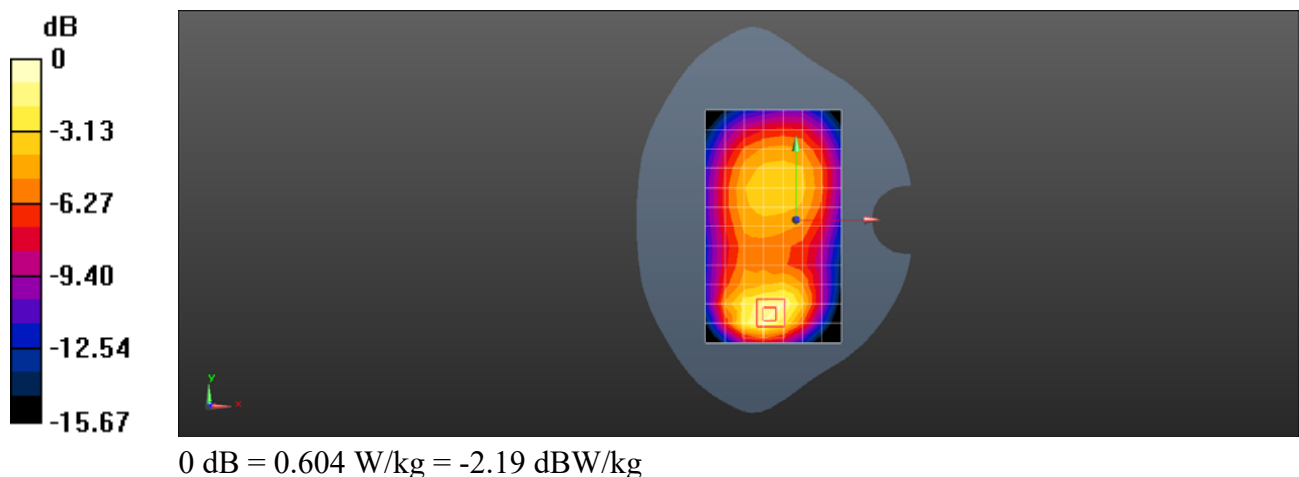
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.02 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.758 W/kg

SAR(1 g) = 0.398 W/kg; SAR(10 g) = 0.229 W/kg

Maximum value of SAR (measured) = 0.604 W/kg



Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 CDMA BC0 1xRTT RC3 SO32 777CH Right cheek

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, CDMA (0); Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: HSL835; Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 0.931$ S/m; $\epsilon_r = 42.271$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.53, 8.53, 8.53); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.231 W/kg

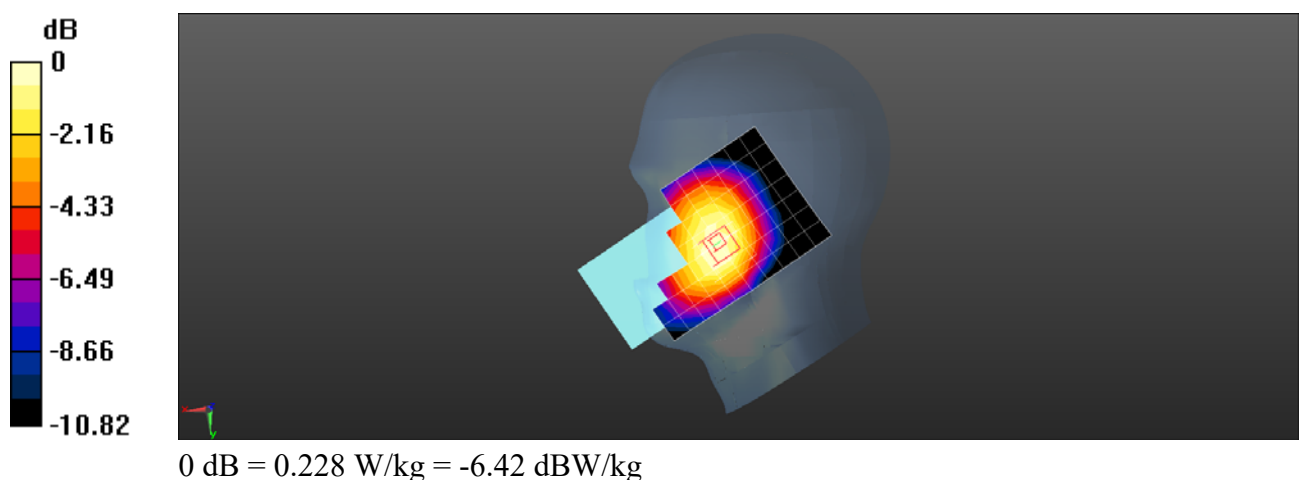
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.531 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.251 W/kg

SAR(1 g) = 0.191 W/kg; SAR(10 g) = 0.143 W/kg

Maximum value of SAR (measured) = 0.228 W/kg



Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 CDMA BC0 1xRTT RC3 SO32 384CH Back side 15mm

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, CDMA (0); Frequency: 836.52 MHz; Duty Cycle: 1:1

Medium: HSL835; Medium parameters used: $f = 837$ MHz; $\sigma = 0.922$ S/m; $\epsilon_r = 42.388$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.53, 8.53, 8.53); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (measured) = 0.286 W/kg

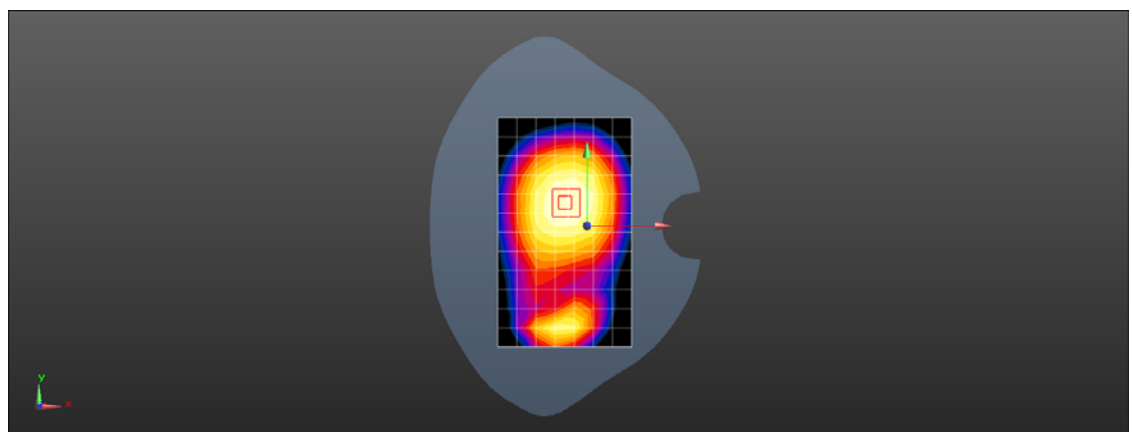
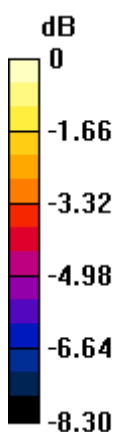
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.22 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.318 W/kg

SAR(1 g) = 0.235 W/kg; SAR(10 g) = 0.177 W/kg

Maximum value of SAR (measured) = 0.287 W/kg



0 dB = 0.287 W/kg = -5.42 dBW/kg

Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 CDMA BC0 1xRTT RC3 SO32 777CH Back side 10mm

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, CDMA (0); Frequency: 848.31 MHz; Duty Cycle: 1:1

Medium: HSL835; Medium parameters used (interpolated): $f = 848.31$ MHz; $\sigma = 0.931$ S/m; $\epsilon_r = 42.271$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.53, 8.53, 8.53); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.616 W/kg

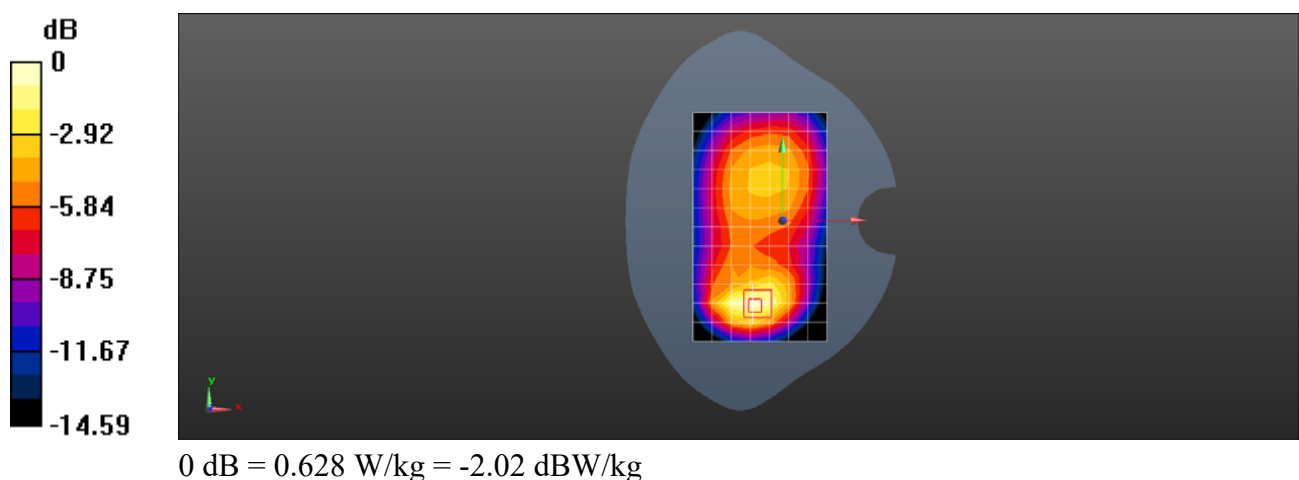
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.49 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.780 W/kg

SAR(1 g) = 0.413 W/kg; SAR(10 g) = 0.237 W/kg

Maximum value of SAR (measured) = 0.628 W/kg



Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 CDMA BC1 1xRTT RC3 SO32 1175CH Left cheek

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, CDMA (0); Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: HSL1900; Medium parameters used: $f = 1909$ MHz; $\sigma = 1.368$ S/m; $\epsilon_r = 39.923$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.21, 8.21, 8.21); Calibrated: 2020-04-01;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn414; Calibrated: 2019-12-17
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (measured) = 0.421 W/kg

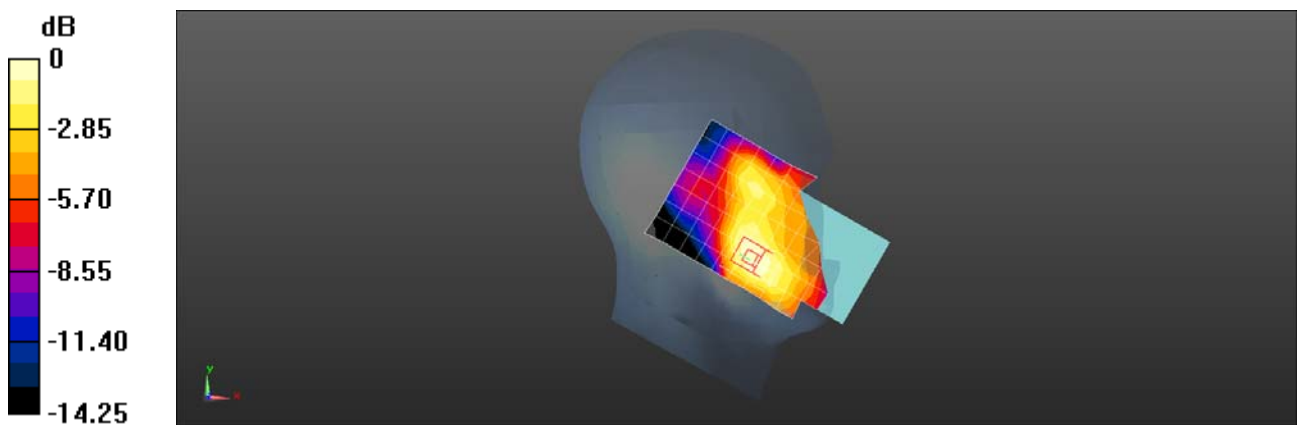
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.229 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.526 W/kg

SAR(1 g) = 0.333 W/kg; SAR(10 g) = 0.217 W/kg

Maximum value of SAR (measured) = 0.453 W/kg



0 dB = 0.453 W/kg = -3.44 dBW/kg

Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 CDMA BC1 1xRTT RC3 SO32 1175CH Back side 15mm

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, CDMA (0); Frequency: 1908.75 MHz; Duty Cycle: 1:1

Medium: HSL1900; Medium parameters used: $f = 1909$ MHz; $\sigma = 1.368$ S/m; $\epsilon_r = 39.923$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.21, 8.21, 8.21); Calibrated: 2020-04-01;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn414; Calibrated: 2019-12-17
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (measured) = 0.607 W/kg

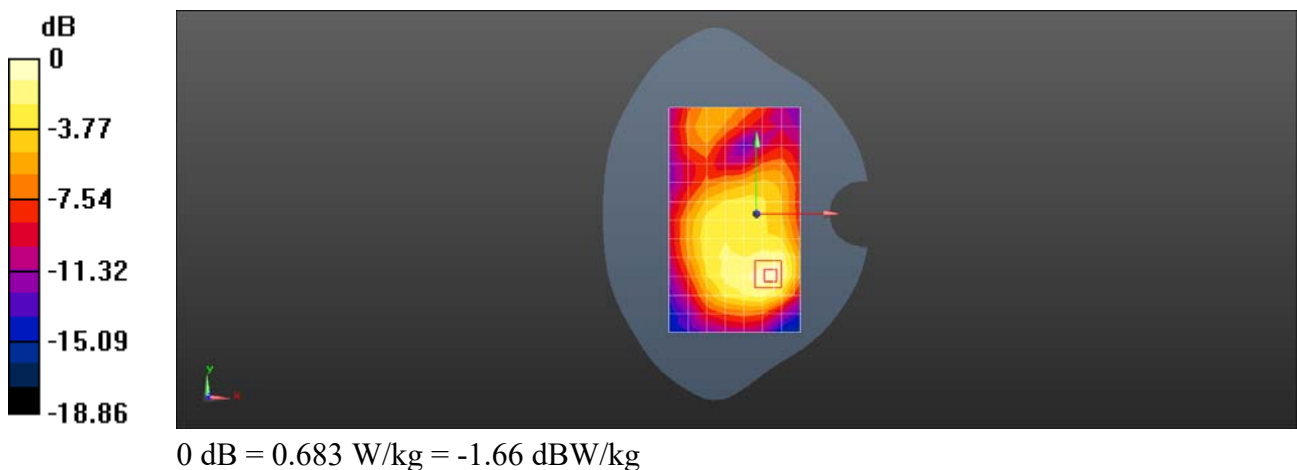
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.02 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.825 W/kg

SAR(1 g) = 0.457 W/kg; SAR(10 g) = 0.265 W/kg

Maximum value of SAR (measured) = 0.683 W/kg



Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 CDMA BC1 EVDO RTAP 4096Bits 600CH Back side 10mm

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, CDMA (0); Frequency: 1880 MHz; Duty Cycle: 1:1

Medium: HSL1900; Medium parameters used: $f = 1880$ MHz; $\sigma = 1.341$ S/m; $\epsilon_r = 40.002$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.21, 8.21, 8.21); Calibrated: 2020-04-01;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn414; Calibrated: 2019-12-17
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (measured) = 1.06 W/kg

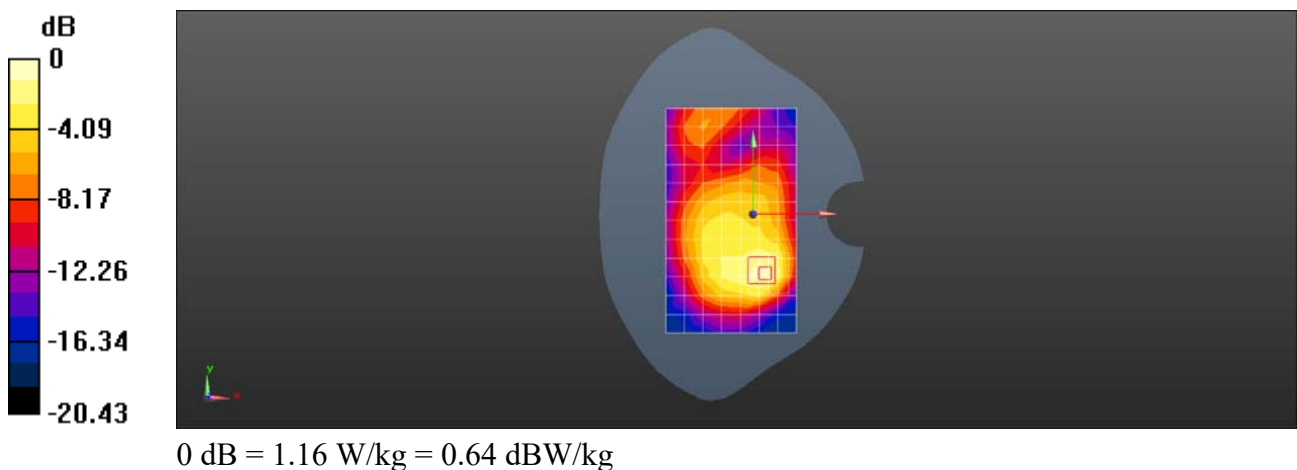
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.20 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.755 W/kg; SAR(10 g) = 0.423 W/kg

Maximum value of SAR (measured) = 1.16 W/kg



Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 CDMA BC10 1xRTT RC3 SO32 580CH Right cheek

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, CDMA (0); Frequency: 820.5 MHz; Duty Cycle: 1:1

Medium: HSL835; Medium parameters used (interpolated): $f = 820.5$ MHz; $\sigma = 0.903$ S/m; $\epsilon_r = 42.695$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.53, 8.53, 8.53); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.181 W/kg

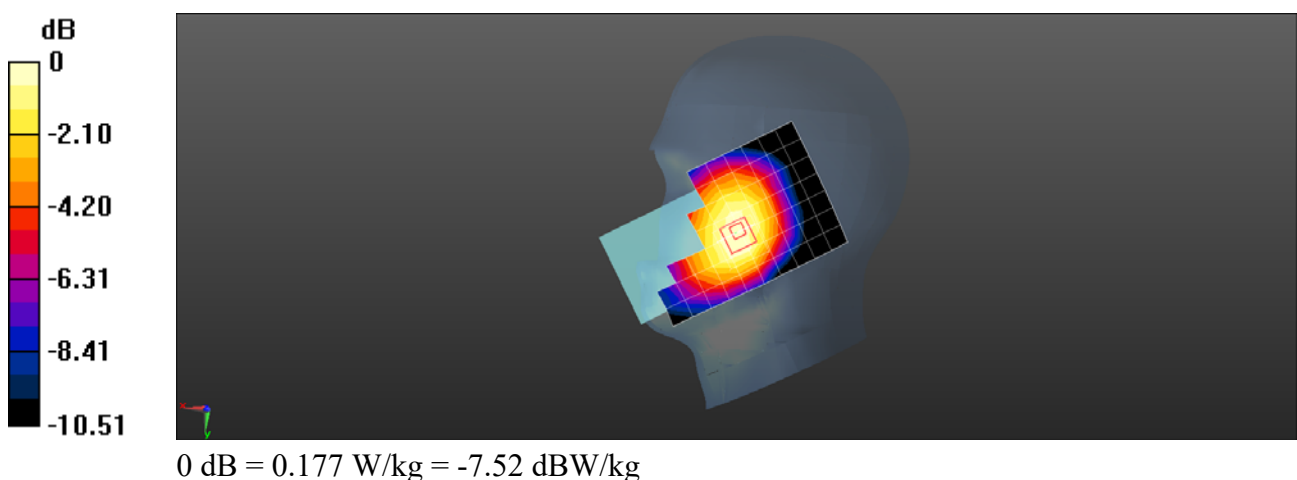
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.015 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.195 W/kg

SAR(1 g) = 0.149 W/kg; SAR(10 g) = 0.112 W/kg

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



Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 CDMA BC10 1xRTT RC3 SO32 684CH Back side 15mm

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, CDMA (0); Frequency: 823.1 MHz; Duty Cycle: 1:1

Medium: HSL835; Medium parameters used (interpolated): $f = 823.1$ MHz; $\sigma = 0.905$ S/m; $\epsilon_r = 42.593$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.53, 8.53, 8.53); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.272 W/kg

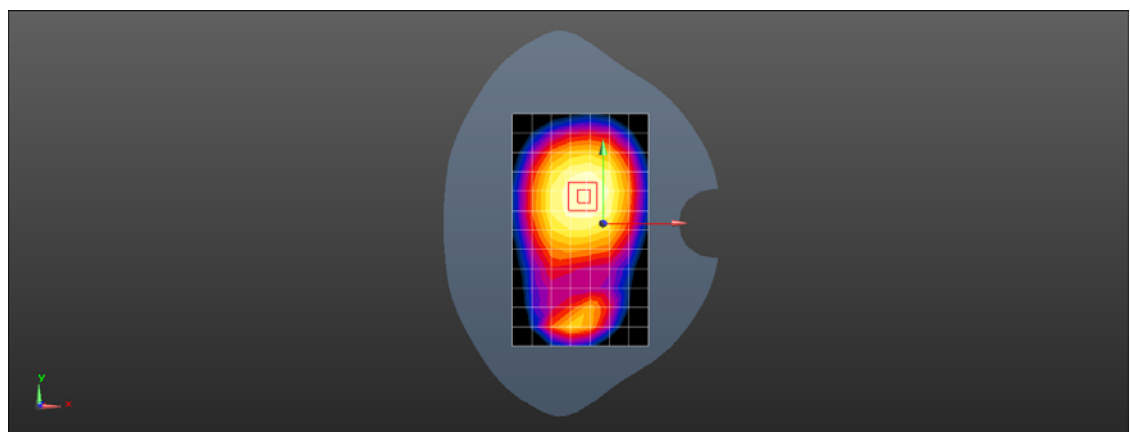
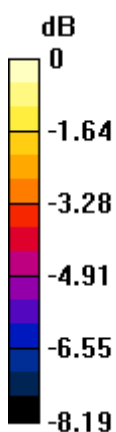
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.41 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.297 W/kg

SAR(1 g) = 0.219 W/kg; SAR(10 g) = 0.166 W/kg

Maximum value of SAR (measured) = 0.268 W/kg



0 dB = 0.268 W/kg = -5.72 dBW/kg

Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 CDMA BC10 1xRTT RC3 SO32 684CH Back side 10mm

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, CDMA (0); Frequency: 823.1 MHz; Duty Cycle: 1:1

Medium: HSL835; Medium parameters used (interpolated): $f = 823.1$ MHz; $\sigma = 0.905$ S/m; $\epsilon_r = 42.593$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.53, 8.53, 8.53); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.475 W/kg

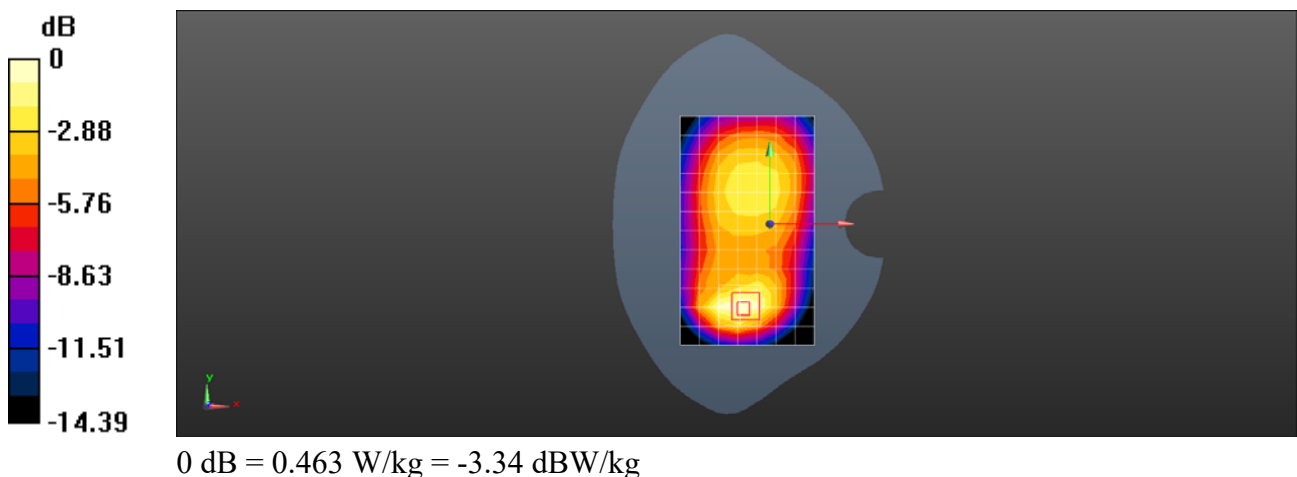
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.29 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.593 W/kg

SAR(1 g) = 0.317 W/kg; SAR(10 g) = 0.185 W/kg

Maximum value of SAR (measured) = 0.463 W/kg



Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 LTE Band 7 20M QPSK 1RB99 21350CH Left cheek

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: HSL2600; Medium parameters used: $f = 2560$ MHz; $\sigma = 1.929$ S/m; $\epsilon_r = 38.197$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.79, 6.79, 6.79); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (10x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.208 W/kg

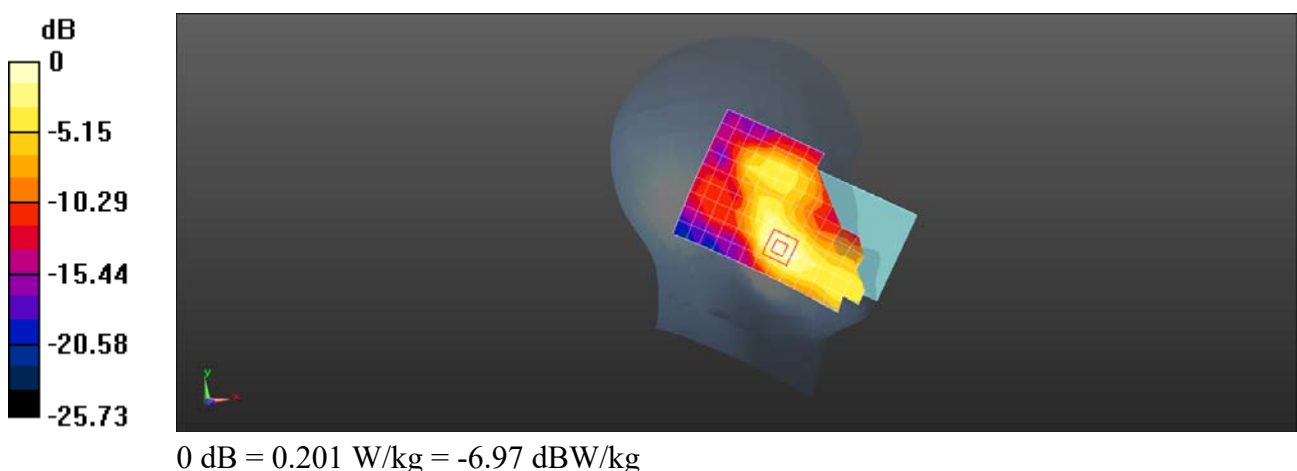
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.274 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.249 W/kg

SAR(1 g) = 0.135 W/kg; SAR(10 g) = 0.070 W/kg

Maximum value of SAR (measured) = 0.201 W/kg



Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 LTE Band 7 20M QPSK 1RB99 21350CH Front side 15mm

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: HSL2600; Medium parameters used: $f = 2560$ MHz; $\sigma = 1.929$ S/m; $\epsilon_r = 38.197$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.79, 6.79, 6.79); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.553 W/kg

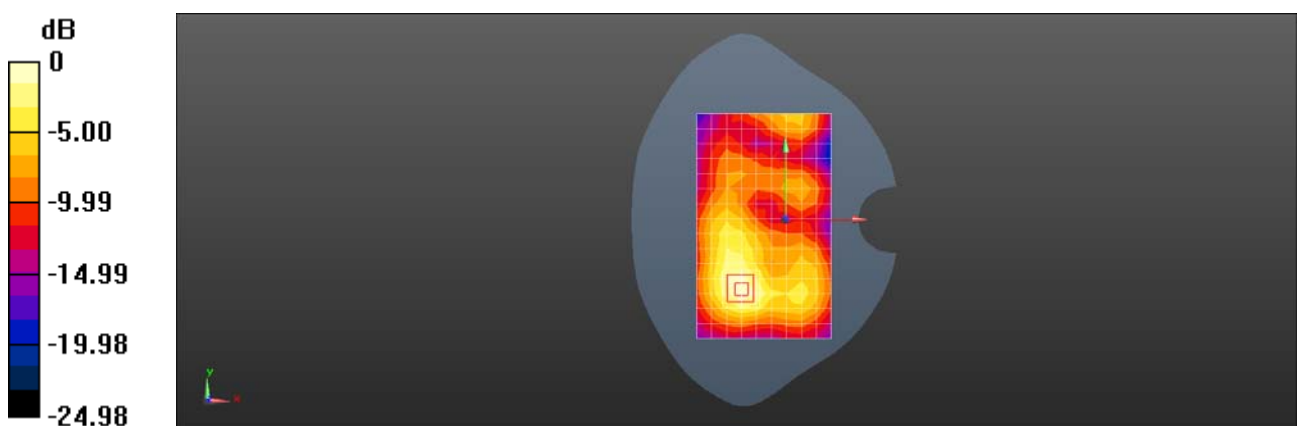
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.969 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.705 W/kg

SAR(1 g) = 0.361 W/kg; SAR(10 g) = 0.185 W/kg

Maximum value of SAR (measured) = 0.572 W/kg



0 dB = 0.572 W/kg = -2.43 dBW/kg

Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 LTE Band 7 20M QPSK 1RB99 21350CH Bottom side 10mm

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: HSL2600; Medium parameters used: $f = 2560$ MHz; $\sigma = 1.929$ S/m; $\epsilon_r = 38.197$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.79, 6.79, 6.79); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm

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

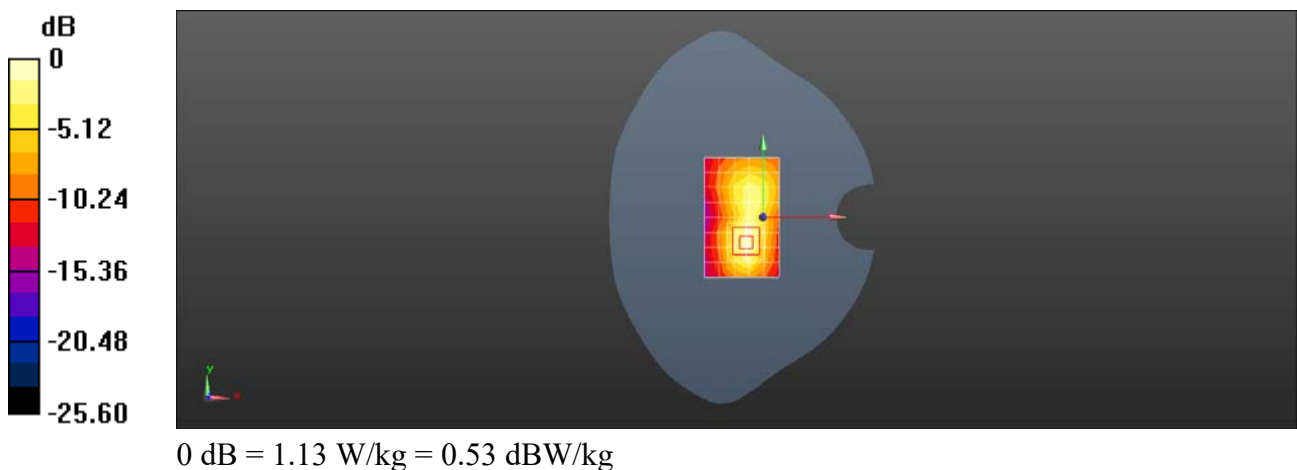
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.88 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.40 W/kg

SAR(1 g) = 0.686 W/kg; SAR(10 g) = 0.320 W/kg

Maximum value of SAR (measured) = 1.13 W/kg



Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 LTE Band 12 10M QPSK 1RB25 23095CH Right cheek

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: HSL750; Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.852$ S/m; $\epsilon_r = 43.367$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.81, 8.81, 8.81); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.205 W/kg

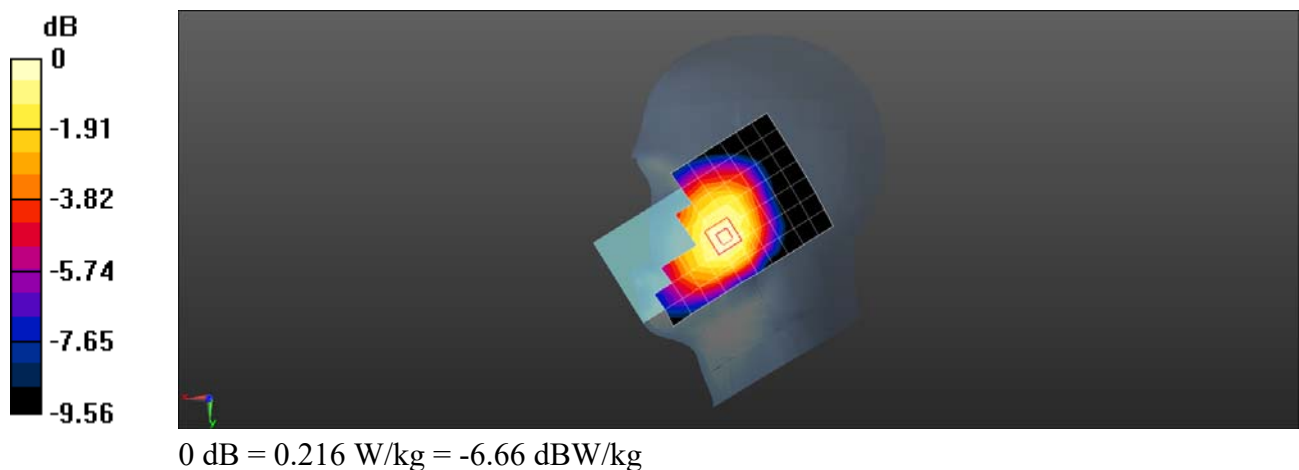
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.357 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.236 W/kg

SAR(1 g) = 0.182 W/kg; SAR(10 g) = 0.143 W/kg

Maximum value of SAR (measured) = 0.216 W/kg



Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 LTE Band 12 10M QPSK 1RB25 23130CH Back side 15mm

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 711 MHz; Duty Cycle: 1:1

Medium: HSL750; Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.854 \text{ S/m}$; $\epsilon_r = 43.341$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.81, 8.81, 8.81); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (8x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.349 W/kg

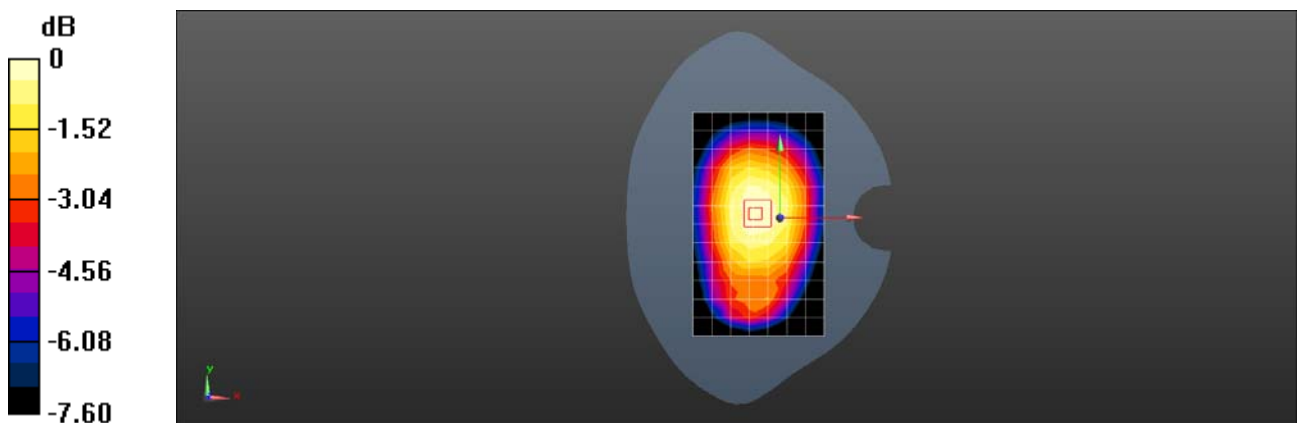
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 19.07 V/m ; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.394 W/kg

SAR(1 g) = 0.295 W/kg ; SAR(10 g) = 0.228 W/kg

Maximum value of SAR (measured) = 0.356 W/kg



0 dB = 0.356 W/kg = -4.49 dBW/kg

Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 LTE Band 12 10M QPSK 1RB25 23130CH Right side 10mm

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 711 MHz; Duty Cycle: 1:1

Medium: HSL750; Medium parameters used: $f = 711 \text{ MHz}$; $\sigma = 0.854 \text{ S/m}$; $\epsilon_r = 43.341$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.81, 8.81, 8.81); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (5x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.552 W/kg

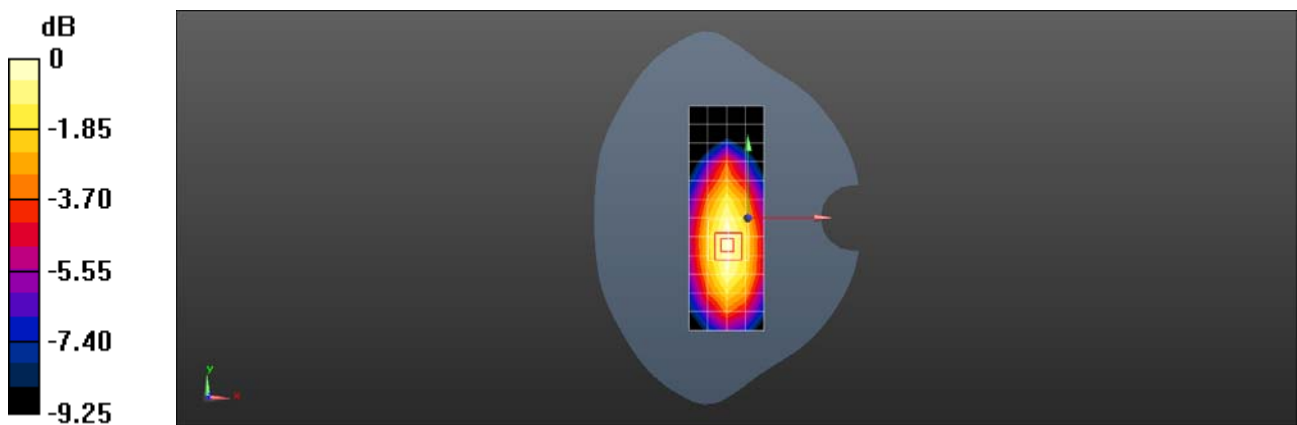
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 21.38 V/m ; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.632 W/kg

SAR(1 g) = 0.416 W/kg ; SAR(10 g) = 0.292 W/kg

Maximum value of SAR (measured) = 0.553 W/kg



Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 LTE Band 13 10M QPSK 1RB25 23230CH Right cheek

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 782 MHz;Duty Cycle: 1:1

Medium: HSL750;Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.9 \text{ S/m}$; $\epsilon_r = 42.907$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.81, 8.81, 8.81); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (8x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.183 W/kg

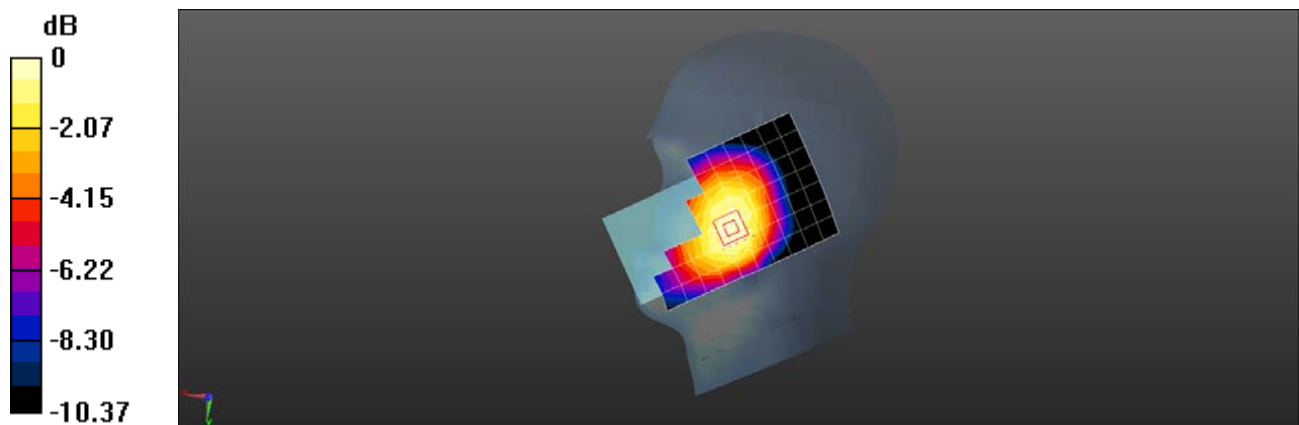
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.781 V/m ; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.210 W/kg

SAR(1 g) = 0.162 W/kg ; SAR(10 g) = 0.125 W/kg

Maximum value of SAR (measured) = 0.192 W/kg



$0 \text{ dB} = 0.192 \text{ W/kg} = -7.17 \text{ dBW/kg}$

Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 LTE Band 13 10M QPSK 1RB25 23230CH Back side 15mm

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 782 MHz;Duty Cycle: 1:1

Medium: HSL750;Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.9 \text{ S/m}$; $\epsilon_r = 42.907$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.81, 8.81, 8.81); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (8x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.277 W/kg

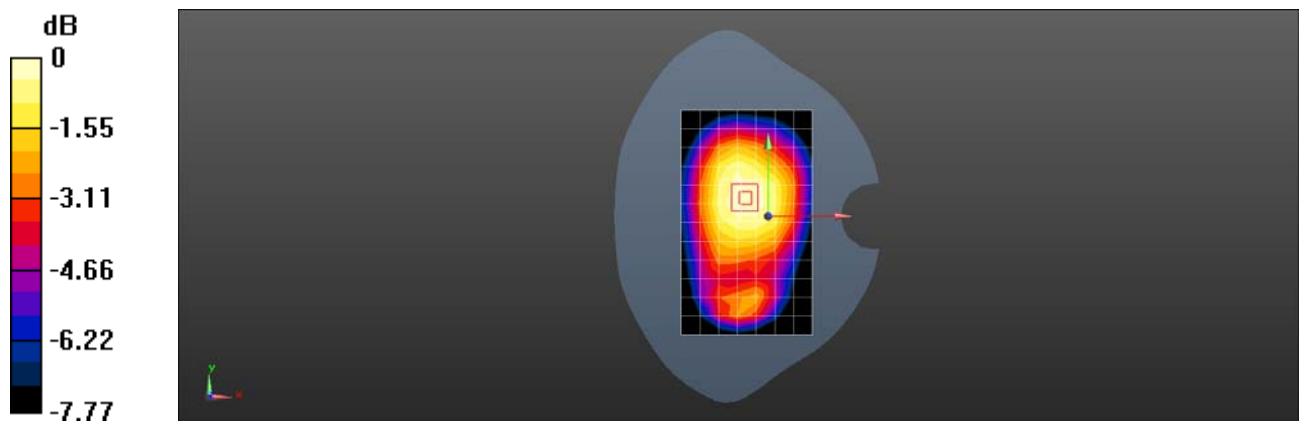
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 15.50 V/m ; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.310 W/kg

SAR(1 g) = 0.230 W/kg ; SAR(10 g) = 0.176 W/kg

Maximum value of SAR (measured) = 0.281 W/kg



Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 LTE Band 13 10M QPSK 1RB25 23230CH Back side 10mm

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, LTE-FDD BW 10MHZ (0); Frequency: 782 MHz;Duty Cycle: 1:1

Medium: HSL750;Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.9 \text{ S/m}$; $\epsilon_r = 42.907$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.81, 8.81, 8.81); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (8x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.417 W/kg

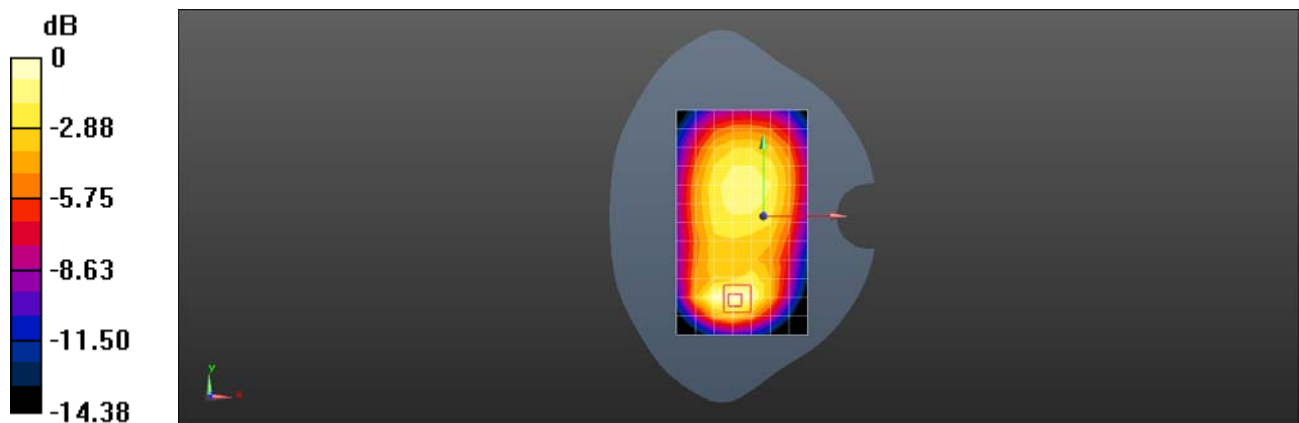
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 16.27 V/m ; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.521 W/kg

SAR(1 g) = 0.278 W/kg ; SAR(10 g) = 0.162 W/kg

Maximum value of SAR (measured) = 0.420 W/kg



Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 LTE Band 25 20M QPSK 1RB0 26590CH Left cheek

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1905 MHz; Duty Cycle: 1:1

Medium: HSL1900; Medium parameters used: $f = 1905$ MHz; $\sigma = 1.364$ S/m; $\epsilon_r = 39.941$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.21, 8.21, 8.21); Calibrated: 2020-04-01;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn414; Calibrated: 2019-12-17
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (measured) = 0.375 W/kg

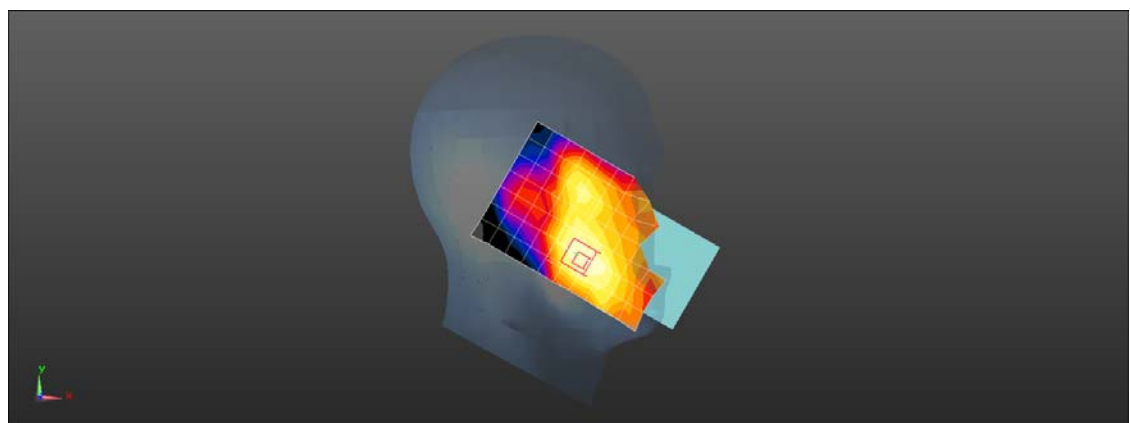
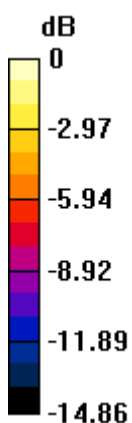
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.649 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.457 W/kg

SAR(1 g) = 0.283 W/kg; SAR(10 g) = 0.185 W/kg

Maximum value of SAR (measured) = 0.380 W/kg



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

Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 LTE Band 25 20M QPSK 1RB0 26590CH Back side 15mm

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1905 MHz; Duty Cycle: 1:1

Medium: HSL1900; Medium parameters used: $f = 1905$ MHz; $\sigma = 1.364$ S/m; $\epsilon_r = 39.941$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.21, 8.21, 8.21); Calibrated: 2020-04-01;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn414; Calibrated: 2019-12-17
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (measured) = 0.655 W/kg

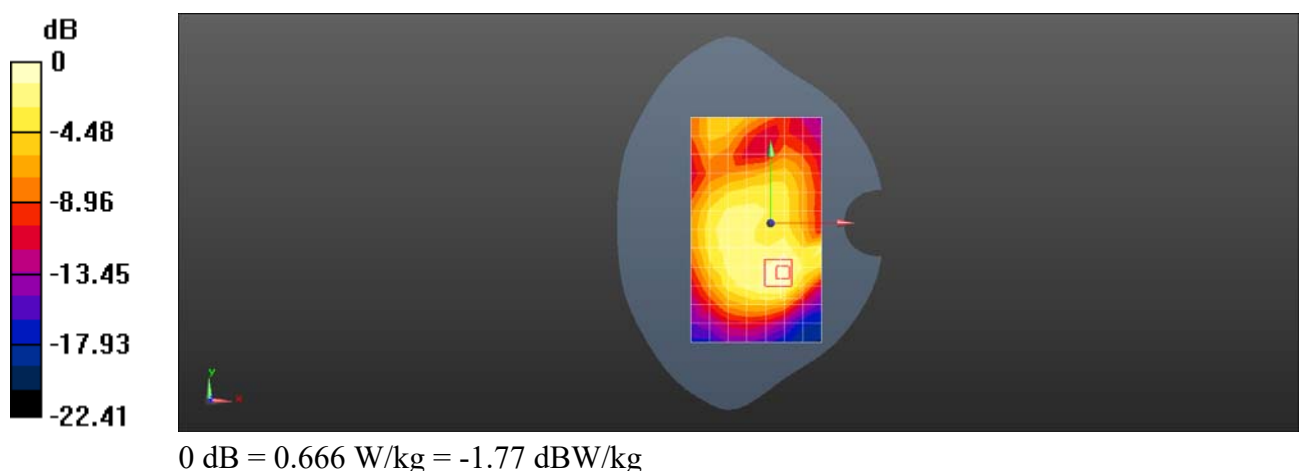
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.95 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.831 W/kg

SAR(1 g) = 0.460 W/kg; SAR(10 g) = 0.264 W/kg

Maximum value of SAR (measured) = 0.666 W/kg



Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 LTE Band 25 20M QPSK 1RB0 26590CH Back side 10mm

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1905 MHz; Duty Cycle: 1:1

Medium: HSL1900; Medium parameters used: $f = 1905$ MHz; $\sigma = 1.364$ S/m; $\epsilon_r = 39.941$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.21, 8.21, 8.21); Calibrated: 2020-04-01;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn414; Calibrated: 2019-12-17
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (measured) = 1.02 W/kg

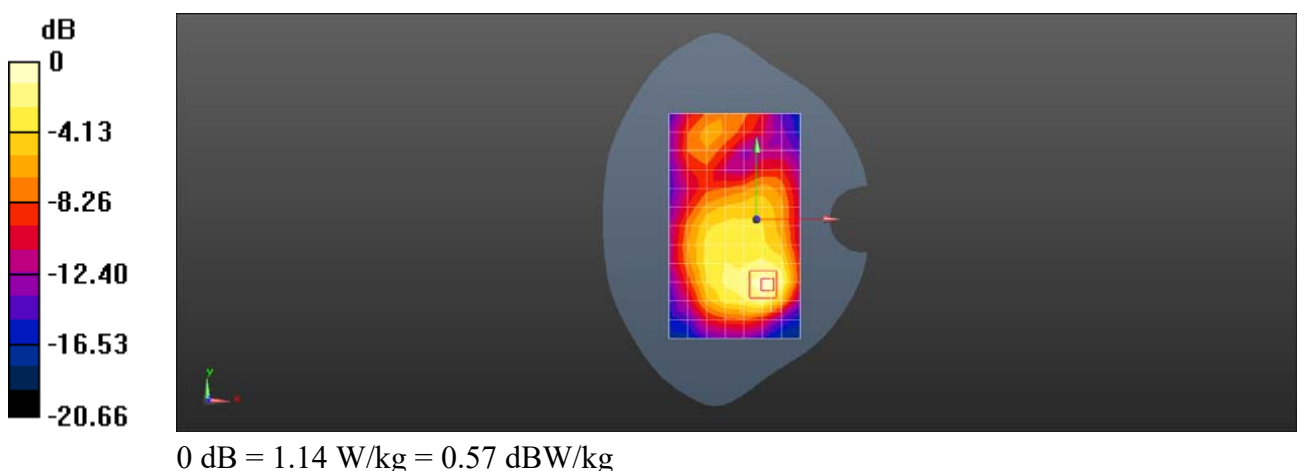
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 15.88 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.42 W/kg

SAR(1 g) = 0.748 W/kg; SAR(10 g) = 0.419 W/kg

Maximum value of SAR (measured) = 1.14 W/kg



Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 LTE Band 26 15M QPSK 1RB38 26965CH Right cheek

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, LTE-FDD BW 15MHz (0); Frequency: 841.5 MHz; Duty Cycle: 1:1

Medium: HSL835; Medium parameters used (interpolated): $f = 841.5$ MHz; $\sigma = 0.943$ S/m; $\epsilon_r = 41.688$; $\rho = 1000$ kg/m³
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.53, 8.53, 8.53); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.245 W/kg

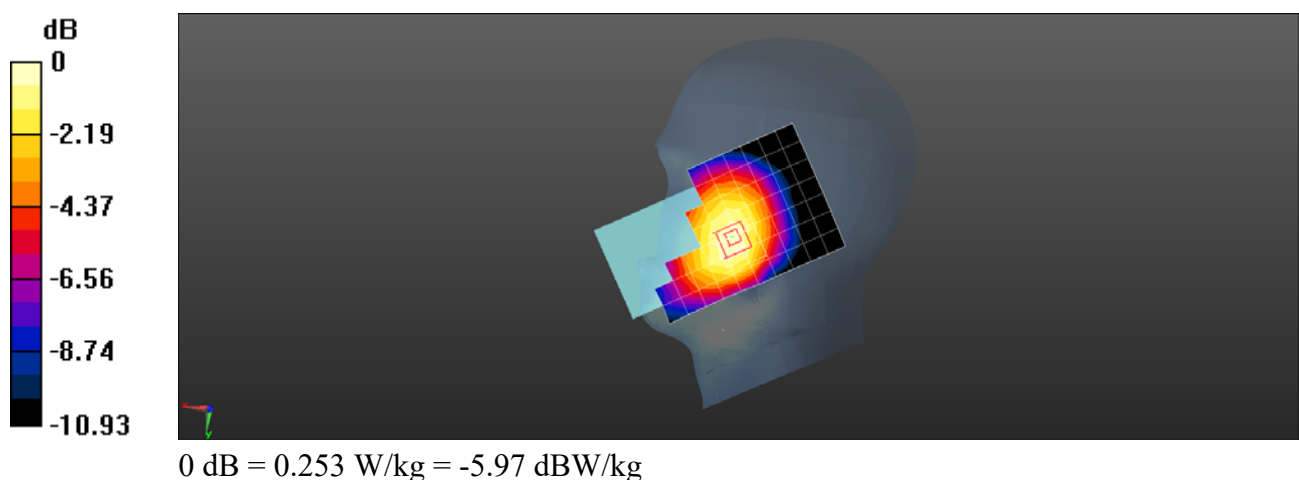
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.394 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.282 W/kg

SAR(1 g) = 0.209 W/kg; SAR(10 g) = 0.157 W/kg

Maximum value of SAR (measured) = 0.253 W/kg



Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 LTE Band 26 15M QPSK 1RB38 26965CH Back side 15mm

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, LTE-FDD BW 15MHz (0); Frequency: 841.5 MHz; Duty Cycle: 1:1

Medium: HSL835; Medium parameters used (interpolated): $f = 841.5$ MHz; $\sigma = 0.943$ S/m; $\epsilon_r = 41.688$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.53, 8.53, 8.53); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.264 W/kg

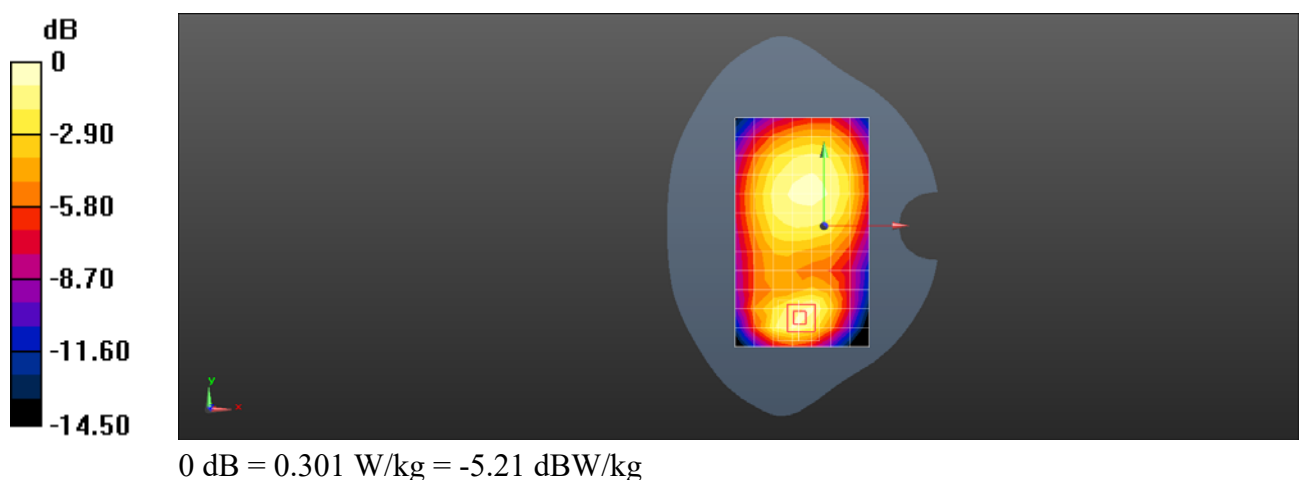
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.30 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.361 W/kg

SAR(1 g) = 0.206 W/kg; SAR(10 g) = 0.123 W/kg

Maximum value of SAR (measured) = 0.301 W/kg



Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 LTE Band 26 15M QPSK 1RB38 26965CH Back side 10mm

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, LTE-FDD BW 15MHz (0); Frequency: 841.5 MHz; Duty Cycle: 1:1

Medium: HSL835; Medium parameters used: $f = 841.5$ MHz; $\sigma = 0.943$ S/m; $\epsilon_r = 41.688$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.53, 8.53, 8.53); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

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

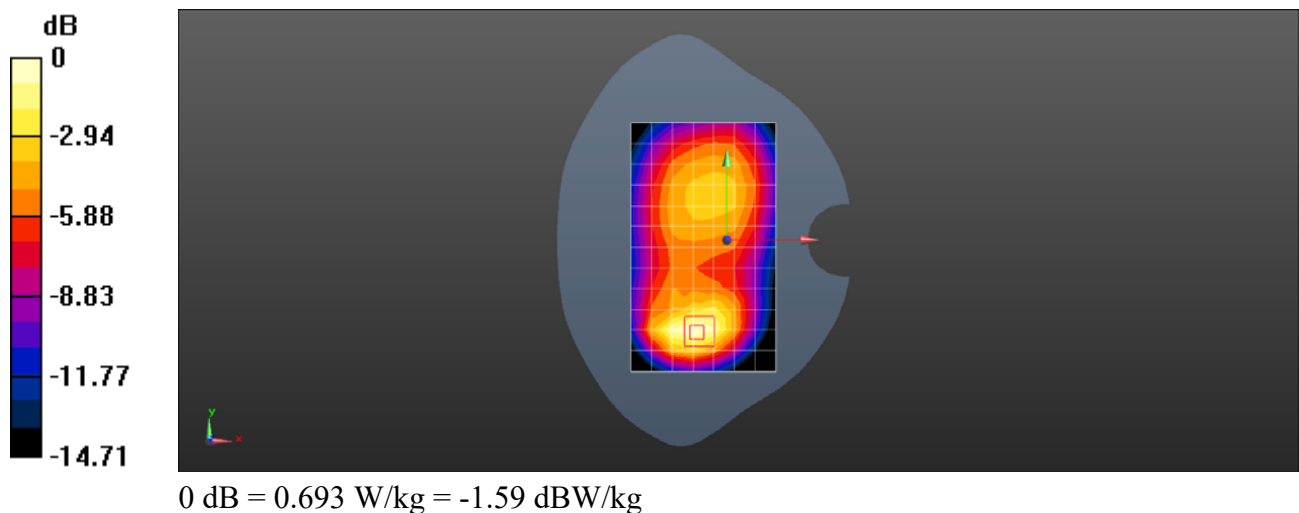
Maximum value of SAR (measured) = 0.693 W/kg

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

Reference Value = 14.31 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.873 W/kg

SAR(1 g) = 0.466 W/kg; SAR(10 g) = 0.267 W/kg



Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 LTE Band 38 20M QPSK 1RB0 38150CH Left cheek

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2610 MHz; Duty Cycle: 1:1.57906

Medium: HSL2600; Medium parameters used: $f = 2610$ MHz; $\sigma = 1.989$ S/m; $\epsilon_r = 38.041$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.79, 6.79, 6.79); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (9x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.175 W/kg

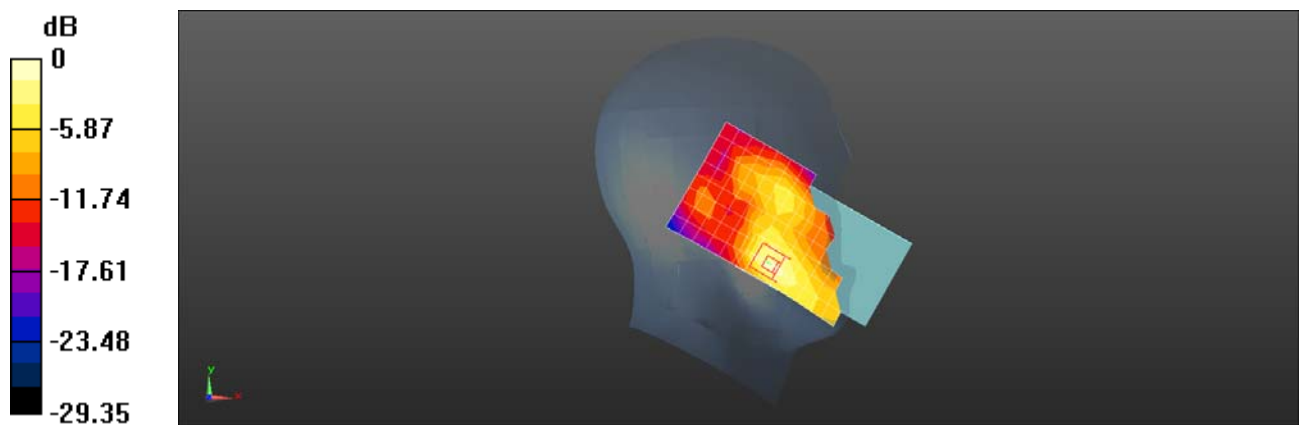
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.398 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.288 W/kg

SAR(1 g) = 0.151 W/kg; SAR(10 g) = 0.077 W/kg

Maximum value of SAR (measured) = 0.238 W/kg



0 dB = 0.238 W/kg = -6.23 dBW/kg

Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 LTE Band 38 20M QPSK 1RB0 38150CH Front side 15mm

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2610 MHz; Duty Cycle: 1:1.57906

Medium: HSL2600; Medium parameters used: $f = 2610$ MHz; $\sigma = 1.989$ S/m; $\epsilon_r = 38.041$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.79, 6.79, 6.79); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Back/Area Scan (9x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.427 W/kg

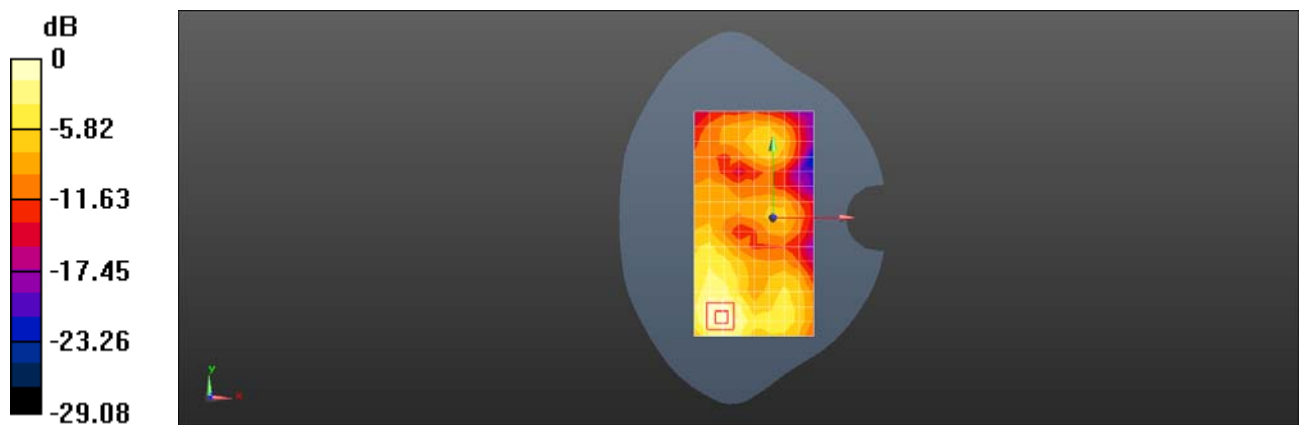
Configuration/Back/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.757 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.550 W/kg

SAR(1 g) = 0.274 W/kg; SAR(10 g) = 0.140 W/kg

Maximum value of SAR (measured) = 0.443 W/kg



0 dB = 0.443 W/kg = -3.54 dBW/kg

Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 LTE Band 38 20M QPSK 1RB0 38150CH Front side 10mm

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2610 MHz; Duty Cycle: 1:1.57906

Medium: HSL2600; Medium parameters used: $f = 2610$ MHz; $\sigma = 1.989$ S/m; $\epsilon_r = 38.041$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.79, 6.79, 6.79); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Back/Area Scan (9x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.766 W/kg

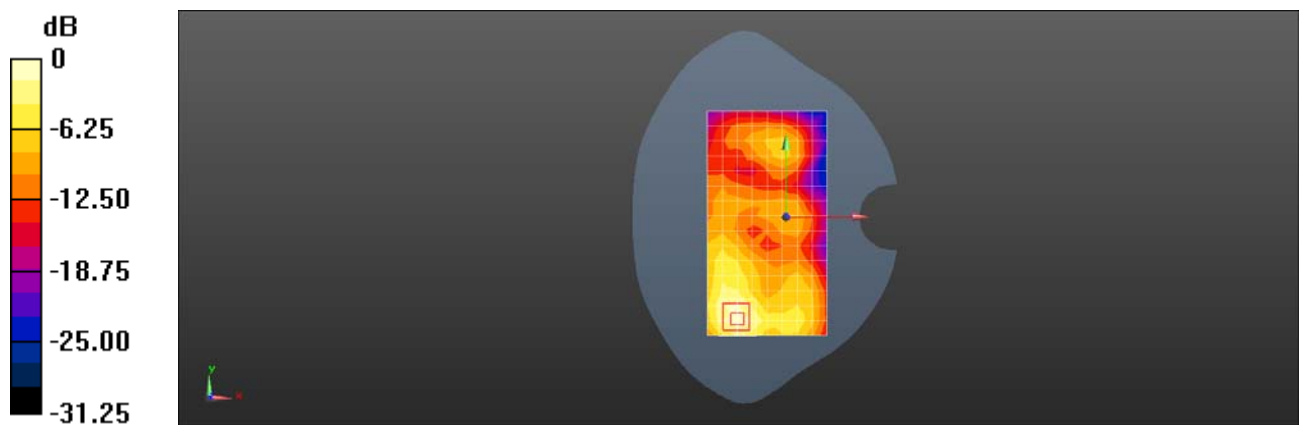
Configuration/Back/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 5.368 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.485 W/kg; SAR(10 g) = 0.237 W/kg

Maximum value of SAR (measured) = 0.802 W/kg



0 dB = 0.802 W/kg = -0.96 dBW/kg

Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 LTE Band 41 20M QPSK 1RB50 40155CH Left cheek

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2636.5 MHz; Duty Cycle: 1:1.57906

Medium: HSL2600; Medium parameters used (interpolated): $f = 2636.5$ MHz; $\sigma = 2.036$ S/m; $\epsilon_r = 39.226$; $\rho = 1000$ kg/m³
Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.79, 6.79, 6.79); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (9x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.0774 W/kg

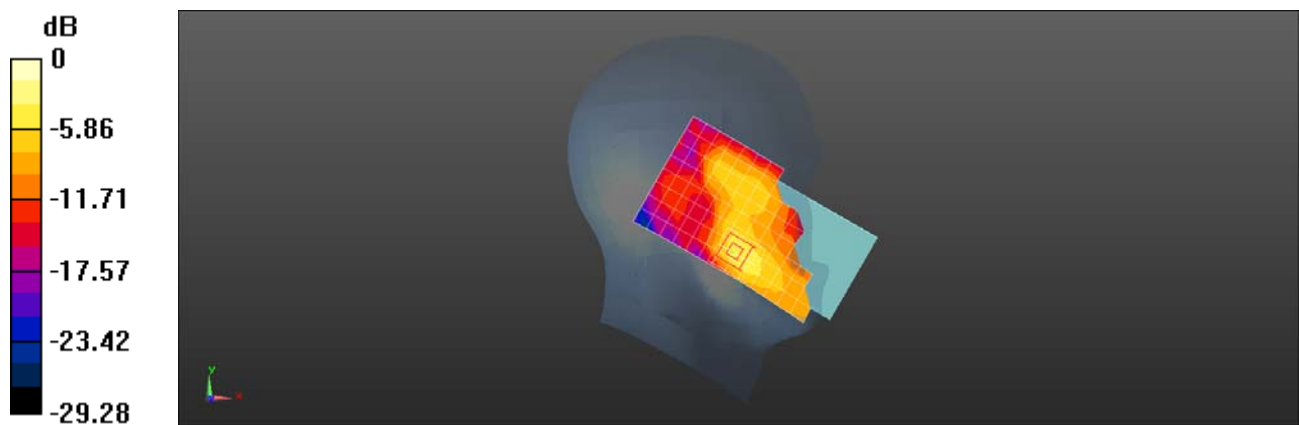
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.039 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.263 W/kg

SAR(1 g) = 0.133 W/kg; SAR(10 g) = 0.067 W/kg

Maximum value of SAR (measured) = 0.213 W/kg



0 dB = 0.213 W/kg = -6.72 dBW/kg

Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 LTE Band 41 20M QPSK 1RB0 40620CH Front side 15mm

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2593 MHz; Duty Cycle: 1:1.57906

Medium: HSL2600; Medium parameters used: $f = 2593$ MHz; $\sigma = 1.993$ S/m; $\epsilon_r = 39.41$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.79, 6.79, 6.79); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Back/Area Scan (9x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.355 W/kg

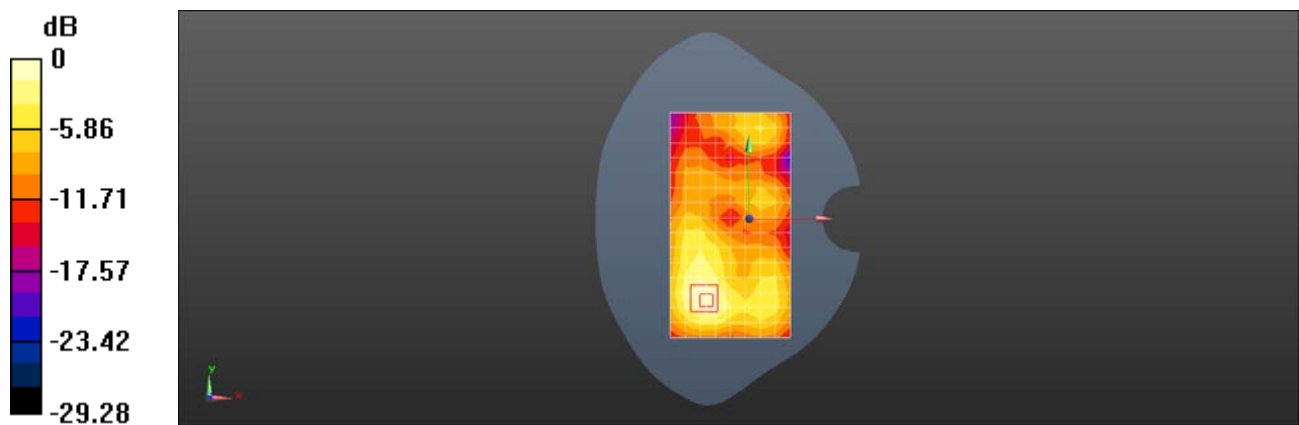
Configuration/Back/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.650 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.490 W/kg

SAR(1 g) = 0.239 W/kg; SAR(10 g) = 0.121 W/kg

Maximum value of SAR (measured) = 0.393 W/kg



0 dB = 0.393 W/kg = -4.06 dBW/kg

Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 LTE Band 41 20M QPSK 1RB0 40620CH Front side 10mm

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2593 MHz; Duty Cycle: 1:1.57906

Medium: HSL2600; Medium parameters used: $f = 2593$ MHz; $\sigma = 1.993$ S/m; $\epsilon_r = 39.41$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(6.79, 6.79, 6.79); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Back/Area Scan (9x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm
Maximum value of SAR (measured) = 0.735 W/kg

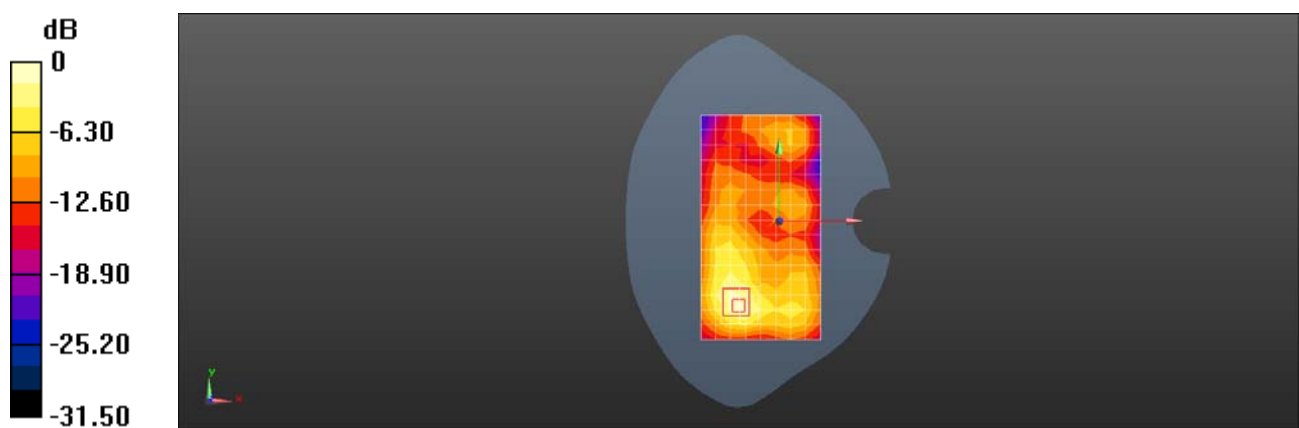
Configuration/Back/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.361 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.540 W/kg; SAR(10 g) = 0.258 W/kg

Maximum value of SAR (measured) = 0.907 W/kg



0 dB = 0.907 W/kg = -0.42 dBW/kg

Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 LTE Band 66 20M QPSK 1RB99 132072CH Right cheek

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: HSL1750; Medium parameters used: $f = 1720$ MHz; $\sigma = 1.333$ S/m; $\epsilon_r = 38.865$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.5, 8.5, 8.5); Calibrated: 2020-04-01;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn414; Calibrated: 2019-12-17
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (measured) = 0.248 W/kg

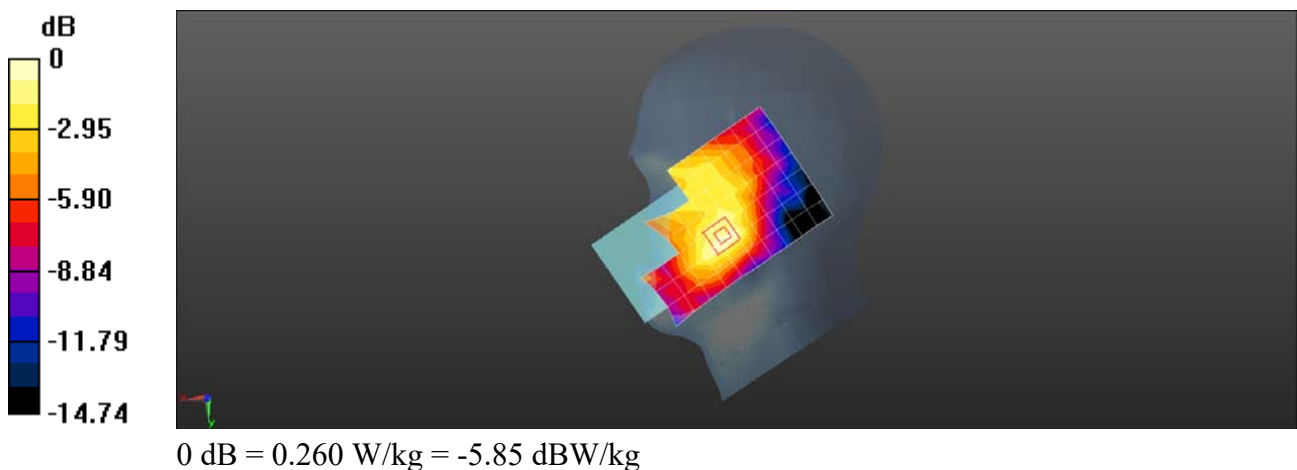
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.381 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.307 W/kg

SAR(1 g) = 0.191 W/kg; SAR(10 g) = 0.123 W/kg

Maximum value of SAR (measured) = 0.260 W/kg



Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 LTE Band 66 20M QPSK 1RB99 132072CH Back side 15mm

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1720 MHz; Duty Cycle: 1:1

Medium: HSL1750; Medium parameters used: $f = 1720$ MHz; $\sigma = 1.333$ S/m; $\epsilon_r = 38.865$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.5, 8.5, 8.5); Calibrated: 2020-04-01;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn414; Calibrated: 2019-12-17
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (measured) = 0.405 W/kg

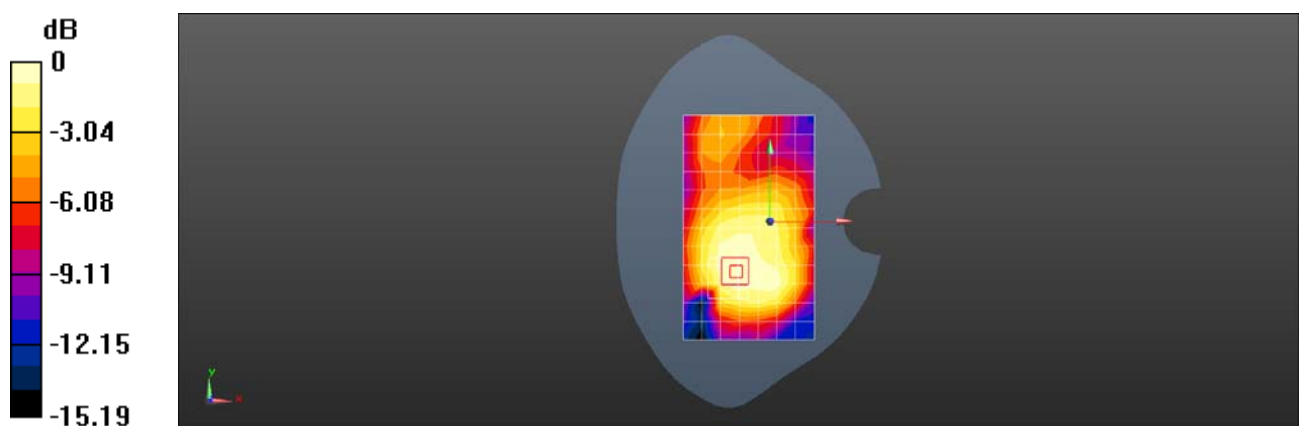
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 12.85 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.489 W/kg

SAR(1 g) = 0.304 W/kg; SAR(10 g) = 0.199 W/kg

Maximum value of SAR (measured) = 0.416 W/kg



0 dB = 0.416 W/kg = -3.81 dBW/kg

Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 LTE Band 66 20M QPSK 1RB99 132322CH Back side 10mm

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium: HSL1750; Medium parameters used: $f = 1745$ MHz; $\sigma = 1.36$ S/m; $\epsilon_r = 38.802$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(8.5, 8.5, 8.5); Calibrated: 2020-04-01;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn414; Calibrated: 2019-12-17
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (measured) = 0.874 W/kg

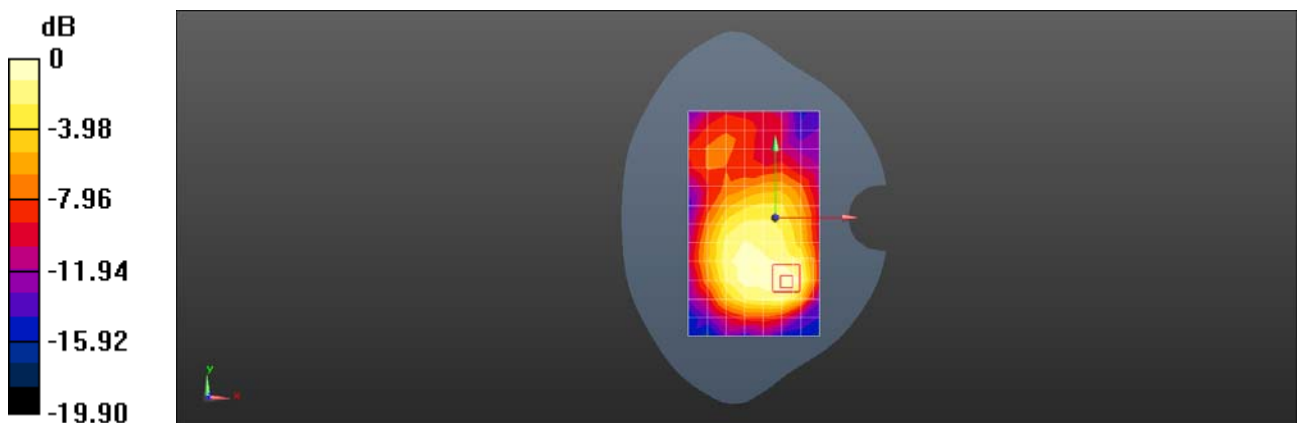
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.72 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.620 W/kg; SAR(10 g) = 0.357 W/kg

Maximum value of SAR (measured) = 0.927 W/kg



0 dB = 0.927 W/kg = -0.33 dBW/kg

Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 LTE Band 71 20M QPSK 1RB50 133322CH Right cheek

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 683 MHz; Duty Cycle: 1:1

Medium: HSL750; Medium parameters used: $f = 683$ MHz; $\sigma = 0.847$ S/m; $\epsilon_r = 43.027$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.81, 8.81, 8.81); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

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

Maximum value of SAR (measured) = 0.267 W/kg

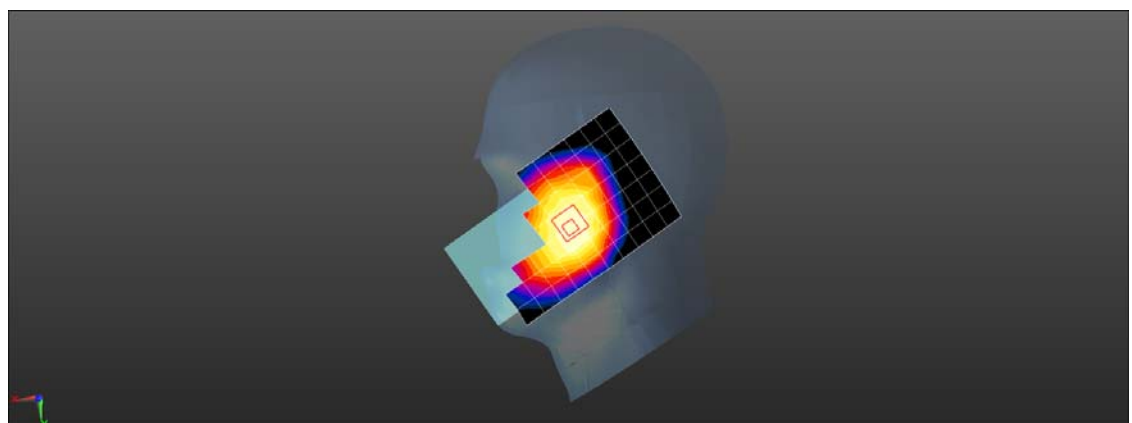
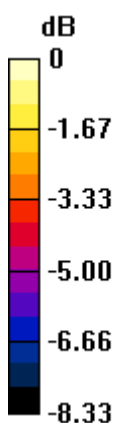
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.877 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.283 W/kg

SAR(1 g) = 0.228 W/kg; SAR(10 g) = 0.182 W/kg

Maximum value of SAR (measured) = 0.262 W/kg



0 dB = 0.262 W/kg = -5.82 dBW/kg

Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 LTE Band 71 20M QPSK 1RB50 133322CH Back side 15mm

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 683 MHz; Duty Cycle: 1:1

Medium: HSL750; Medium parameters used: $f = 683 \text{ MHz}$; $\sigma = 0.847 \text{ S/m}$; $\epsilon_r = 43.027$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.81, 8.81, 8.81); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (8x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.345 W/kg

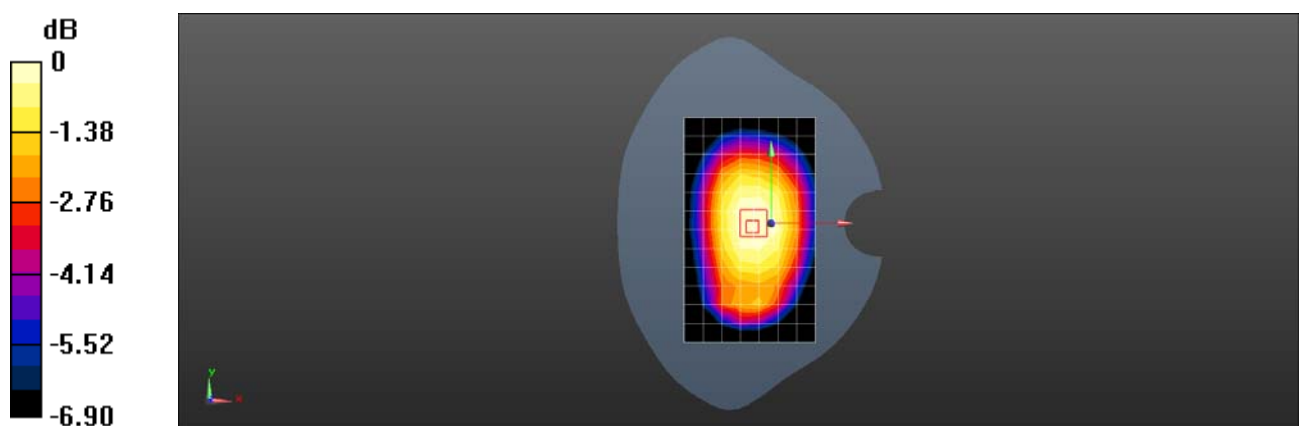
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 18.15 V/m ; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.375 W/kg

SAR(1 g) = 0.292 W/kg ; SAR(10 g) = 0.229 W/kg

Maximum value of SAR (measured) = 0.345 W/kg



Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 LTE Band 71 20M QPSK 1RB50 133322CH Right side 10mm

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 683 MHz; Duty Cycle: 1:1

Medium: HSL750; Medium parameters used: $f = 683$ MHz; $\sigma = 0.847$ S/m; $\epsilon_r = 43.027$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3789; ConvF(8.81, 8.81, 8.81); Calibrated: 2020-06-16;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (5x13x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.545 W/kg

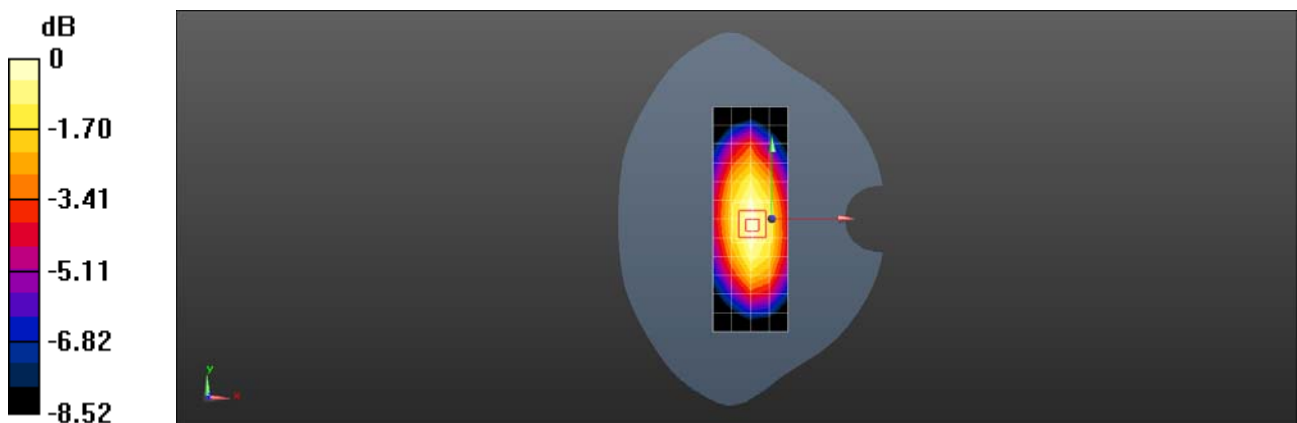
Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.24 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.610 W/kg

SAR(1 g) = 0.428 W/kg; SAR(10 g) = 0.305 W/kg

Maximum value of SAR (measured) = 0.546 W/kg



Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 WIFI 2.4G 802.11b 1CH Left cheek

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2412 MHz; Duty Cycle: 1:1.012

Medium: HSL2450; Medium parameters used: $f = 2412$ MHz; $\sigma = 1.81$ S/m; $\epsilon_r = 38.466$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7, 7, 7); Calibrated: 2020-07-29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM7; Type: SAM; Serial: 1702
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (9x17x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.952 W/kg

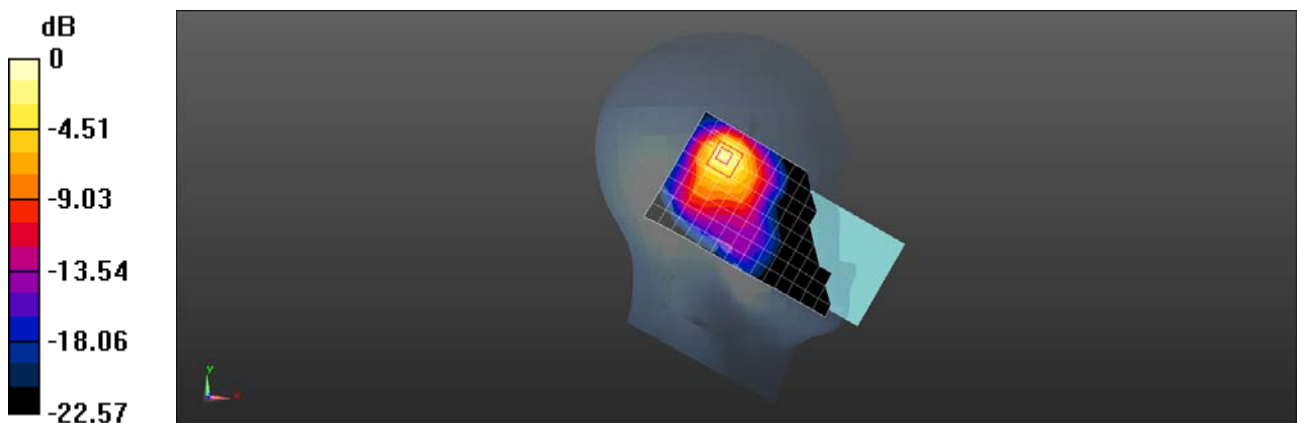
Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.13 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.811 W/kg; SAR(10 g) = 0.402 W/kg

Maximum value of SAR (measured) = 1.22 W/kg



0 dB = 1.22 W/kg = 0.86 dBW/kg

Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 WIFI 2.4G 802.11b 1CH Back side 15mm

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2412 MHz; Duty Cycle: 1:1.012

Medium: HSL2450; Medium parameters used: $f = 2412$ MHz; $\sigma = 1.81$ S/m; $\epsilon_r = 38.466$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7, 7, 7); Calibrated: 2020-07-29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM7; Type: SAM; Serial: 1702
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (10x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.231 W/kg

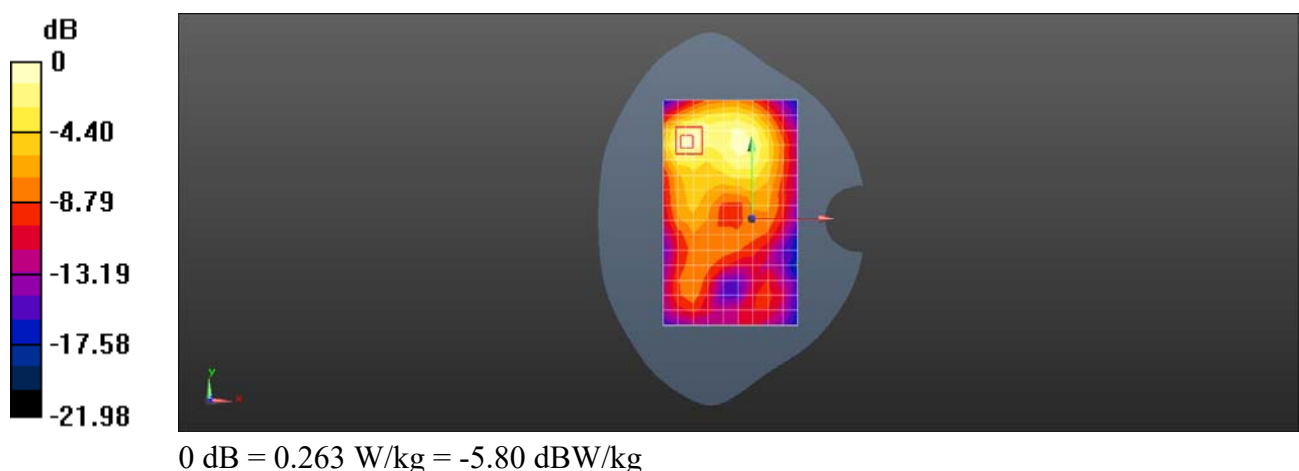
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.371 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.328 W/kg

SAR(1 g) = 0.160 W/kg; SAR(10 g) = 0.080 W/kg

Maximum value of SAR (measured) = 0.263 W/kg



Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 WIFI 2.4G 802.11b 1CH Back side 10mm

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2412 MHz; Duty Cycle: 1:1.012

Medium: HSL2450; Medium parameters used: $f = 2412$ MHz; $\sigma = 1.81$ S/m; $\epsilon_r = 38.466$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7, 7, 7); Calibrated: 2020-07-29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM7; Type: SAM; Serial: 1702
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (10x16x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.691 W/kg

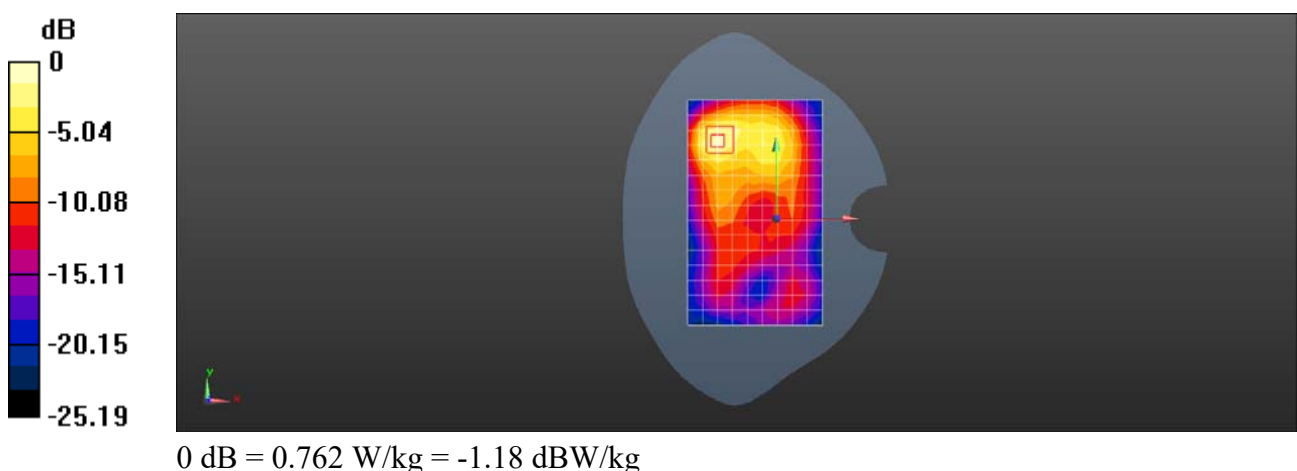
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 4.139 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.975 W/kg

SAR(1 g) = 0.438 W/kg; SAR(10 g) = 0.205 W/kg

Maximum value of SAR (measured) = 0.762 W/kg



Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 WIFI 5G 802.11a 60CH Left cheek

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5300 MHz; Duty Cycle: 1:1.011

Medium: HSL5G; Medium parameters used: $f = 5300$ MHz; $\sigma = 4.811$ S/m; $\epsilon_r = 35.845$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(5.56, 5.56, 5.56); Calibrated: 2020-04-01;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn414; Calibrated: 2019-12-17
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (11x20x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.20 W/kg

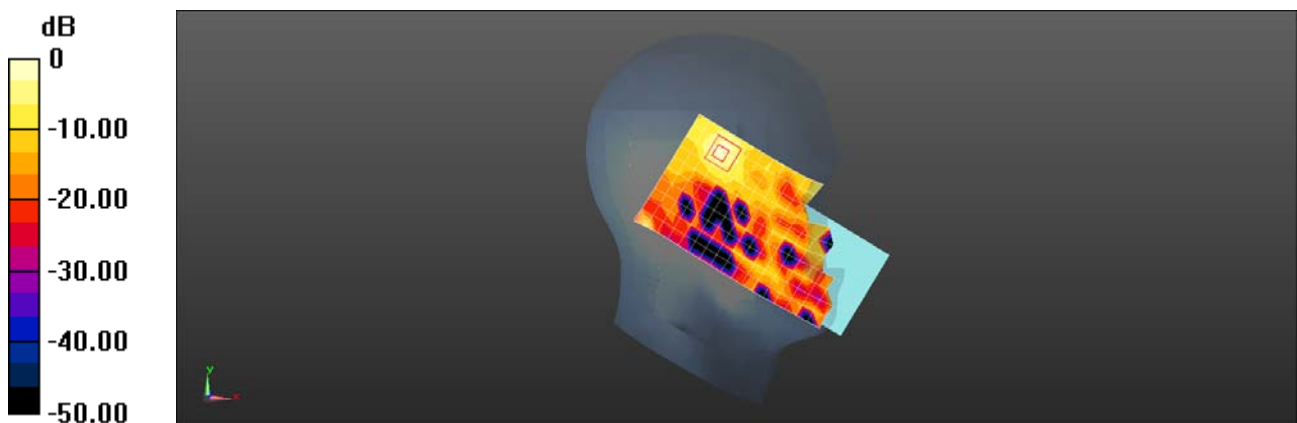
Configuration/Head/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.218 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.32 W/kg

SAR(1 g) = 0.526 W/kg; SAR(10 g) = 0.134 W/kg

Maximum value of SAR (measured) = 1.31 W/kg



0 dB = 1.31 W/kg = 1.17 dBW/kg

Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 WIFI 5G 802.11a 60CH Back side 15mm

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5300 MHz;Duty Cycle: 1:1.011

Medium: HSL5G;Medium parameters used: $f = 5300$ MHz; $\sigma = 4.811$ S/m; $\epsilon_r = 35.845$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(5.56, 5.56, 5.56); Calibrated: 2020-04-01;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn414; Calibrated: 2019-12-17
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (11x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.867 W/kg

Configuration/Body/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.446 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.64 W/kg

SAR(1 g) = 0.433 W/kg; SAR(10 g) = 0.152 W/kg

Maximum value of SAR (measured) = 0.945 W/kg



0 dB = 0.945 W/kg = -0.25 dBW/kg

Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 WIFI 5G 802.11a 48CH Back side 10mm

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5240 MHz; Duty Cycle: 1:1.011

Medium: HSL5G; Medium parameters used: $f = 5240$ MHz; $\sigma = 4.741$ S/m; $\epsilon_r = 35.99$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(5.56, 5.56, 5.56); Calibrated: 2020-04-01;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn414; Calibrated: 2019-12-17
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (11x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.21 W/kg

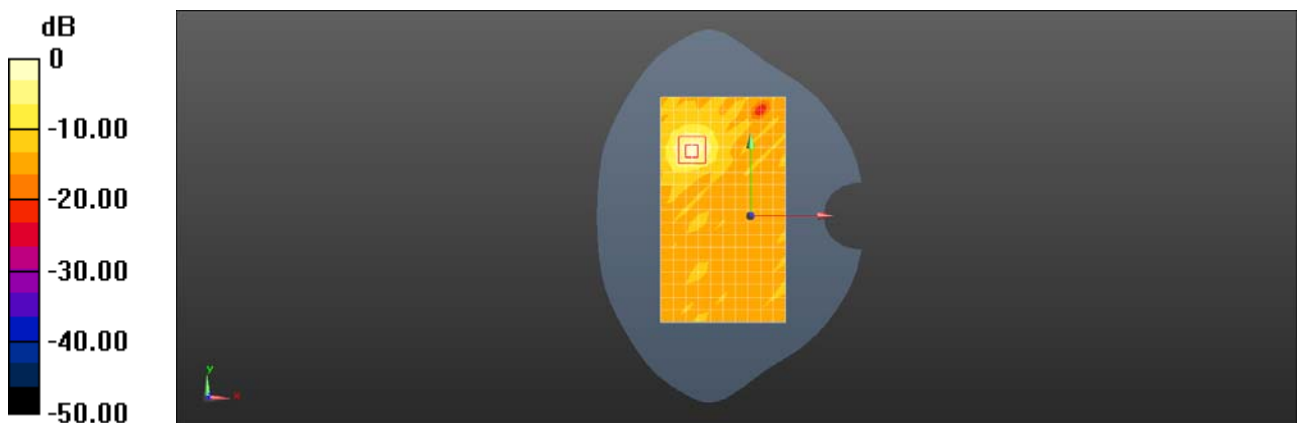
Configuration/Body/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.236 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.85 W/kg

SAR(1 g) = 0.595 W/kg; SAR(10 g) = 0.187 W/kg

Maximum value of SAR (measured) = 1.60 W/kg



Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 WIFI 5G 802.11a 64CH Right side 0mm

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5320 MHz;Duty Cycle: 1:1.011

Medium: HSL5G;Medium parameters used: $f = 5320$ MHz; $\sigma = 4.804$ S/m; $\epsilon_r = 35.762$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(5.56, 5.56, 5.56); Calibrated: 2020-04-01;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn414; Calibrated: 2019-12-17
- Phantom: SAM6; Type: SAM; Serial: 1824
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (7x19x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 11.1 W/kg

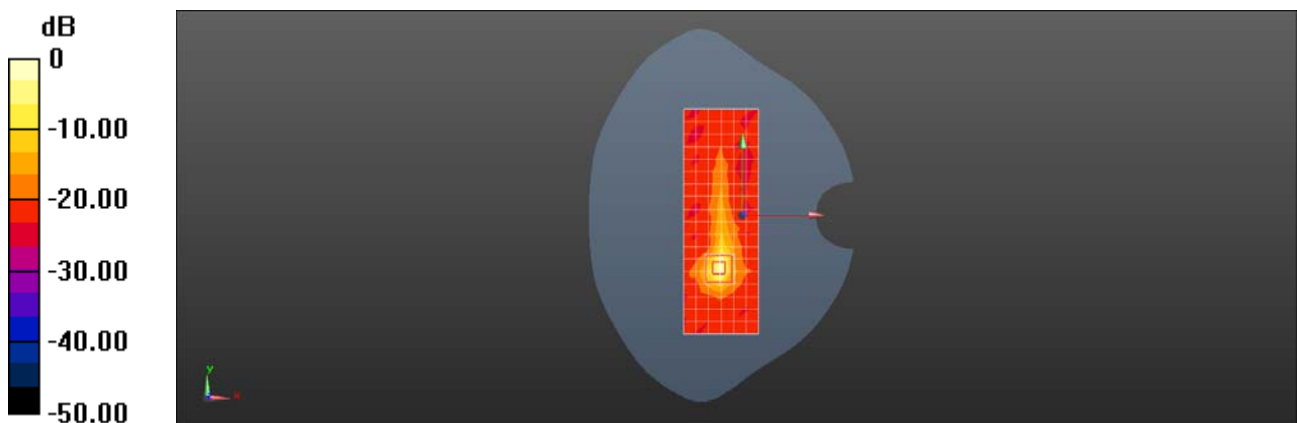
Configuration/Body/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.463 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 30.4 W/kg

SAR(1 g) = 4.06 W/kg; SAR(10 g) = 0.772 W/kg

Maximum value of SAR (measured) = 14.3 W/kg



0 dB = 14.3 W/kg = 11.55 dBW/kg

Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 Bluetooth DH5 0CH Left cheek

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, Bluetooth (0); Frequency: 2402 MHz; Duty Cycle: 1:1.301

Medium: HSL2450; Medium parameters used: $f = 2402$ MHz; $\sigma = 1.803$ S/m; $\epsilon_r = 38.485$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7, 7, 7); Calibrated: 2020-07-29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM7; Type: SAM; Serial: 1702
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (8x14x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.222 W/kg

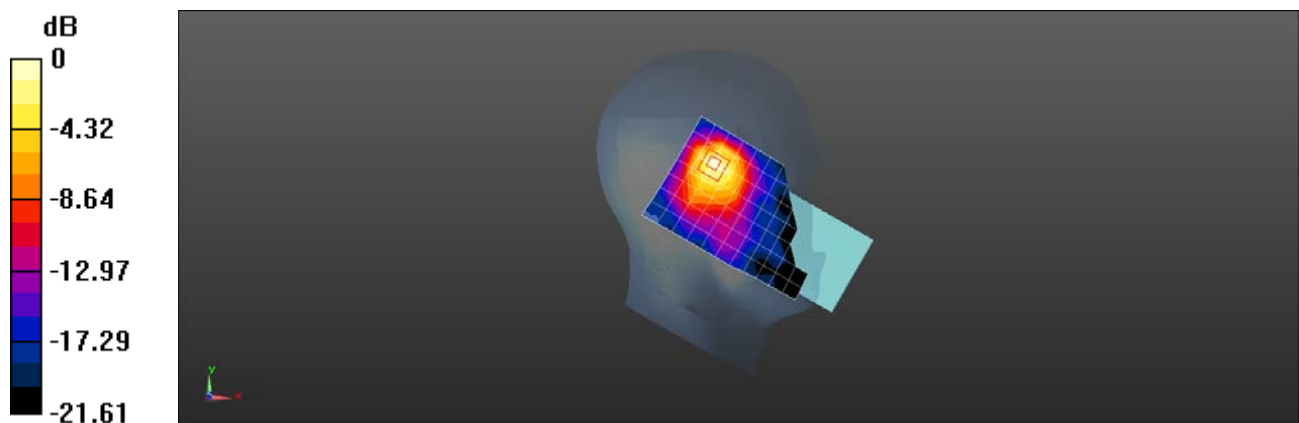
Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.544 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.363 W/kg

SAR(1 g) = 0.172 W/kg; SAR(10 g) = 0.083 W/kg

Maximum value of SAR (measured) = 0.209 W/kg



0 dB = 0.209 W/kg = -6.80 dBW/kg

Test Laboratory: SGS-SAR Lab

Oneplus_BE2012 Bluetooth DH5 39CH Back side 10mm

DUT: Oneplus_BE2012; Type: Smart Phone; Serial: 8b21b0bd

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz; Duty Cycle: 1:1.301

Medium: HSL2450; Medium parameters used: $f = 2441$ MHz; $\sigma = 1.843$ S/m; $\epsilon_r = 38.342$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3748; ConvF(7, 7, 7); Calibrated: 2020-07-29;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1374; Calibrated: 2019-09-24
- Phantom: SAM7; Type: SAM; Serial: 1702
- DASY52 52.8.8(1258); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (8x14x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0566 W/kg

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

Reference Value = 1.018 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.107 W/kg

SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.021 W/kg

Maximum value of SAR (measured) = 0.0590 W/kg

