Date: 2019-04-10

Test Laboratory: SGS-SAR Lab

YAL-L21 LTE Band 7 20M QPSK 50RB50 21350CH Right cheek Ant2

DUT: YAL-L21; Type: Smart Phone; Serial: NXE119320000003

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

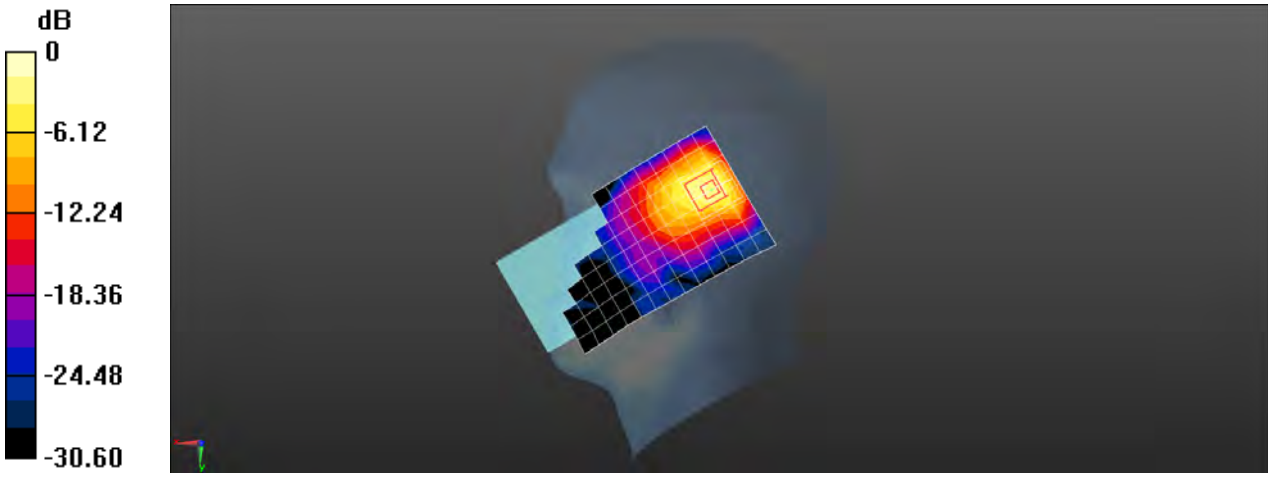
Medium: HSL2600;Medium parameters used: f = 2560 MHz; σ = 1.947 S/m; ε_r = 39.55; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(6.78, 6.78, 6.78); Calibrated: 2019-03-25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = -2.0, 31.0
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 1; Type: SAM; Serial: 1283
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (9x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.505 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.13 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.955 W/kg
SAR(1 g) = 0.422 W/kg; SAR(10 g) = 0.178 W/kg
Maximum value of SAR (measured) = 0.749 W/kg



0 dB = 0.749 W/kg = -1.26 dBW/kg

Date: 2019-04-15

Test Laboratory: SGS-SAR Lab

YAL-L21 LTE Band 7 20M QPSK 1RB50 20850CH Back side 15mm Ant2

DUT: YAL-L21; Type: Smart Phone; Serial: NXE119320000096

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 2510 MHz;Duty Cycle: 1:1

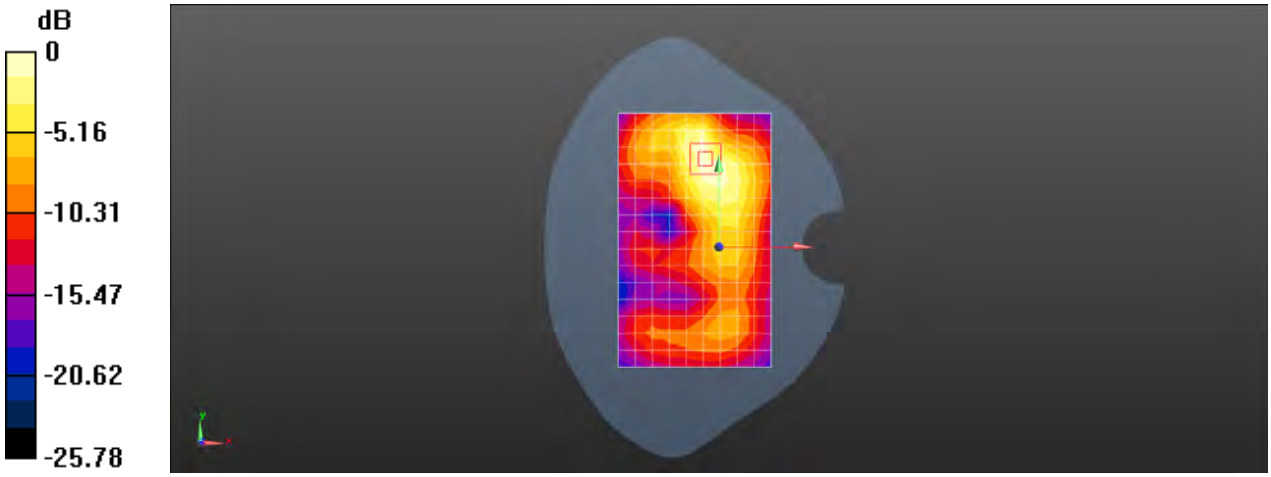
Medium: MSL2600;Medium parameters used: f = 2510 MHz; σ = 2.045 S/m; ε_r = 52.524; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.12, 7.12, 7.12); Calibrated: 2019-03-25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = -2.0, 31.0
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.302 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.397 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.386 W/kg
SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.113 W/kg
Maximum value of SAR (measured) = 0.317 W/kg



0 dB = 0.317 W/kg = -4.99 dBW/kg

Date: 2019-04-15

Test Laboratory: SGS-SAR Lab

YAL-L21 LTE Band 7 20M QPSK 1RB99 20850CH Back side 10mm Ant2

DUT: YAL-L21; Type: Smart Phone; Serial: NXE119320000096

Communication System: UID 0, LTE-FDD BW 20MHz (0); Frequency: 2510 MHz;Duty Cycle: 1:1

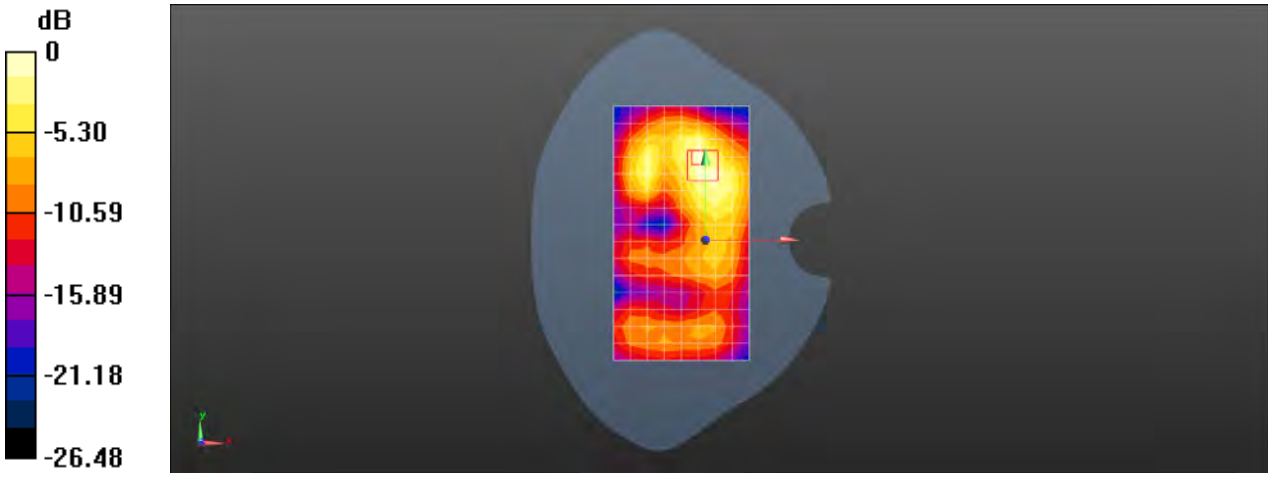
Medium: MSL2600;Medium parameters used: f = 2510 MHz; σ = 2.045 S/m; ε_r = 52.524; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.12, 7.12, 7.12); Calibrated: 2019-03-25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = -2.0, 31.0
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (9x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.502 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.471 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.601 W/kg
SAR(1 g) = 0.328 W/kg; SAR(10 g) = 0.169 W/kg
Maximum value of SAR (measured) = 0.495 W/kg



0 dB = 0.495 W/kg = -3.05 dBW/kg

Date: 2019-04-11

Test Laboratory: SGS-SAR Lab

YAL-L21 LTE Band 26 15M QPSK 1RB38 26765CH Right cheek Ant1

DUT: YAL-L21; Type: Smart Phone; Serial: NXE119320000096

Communication System: UID 0, LTE-FDD BW 15MHz (0); Frequency: 821.5 MHz;Duty Cycle: 1:1

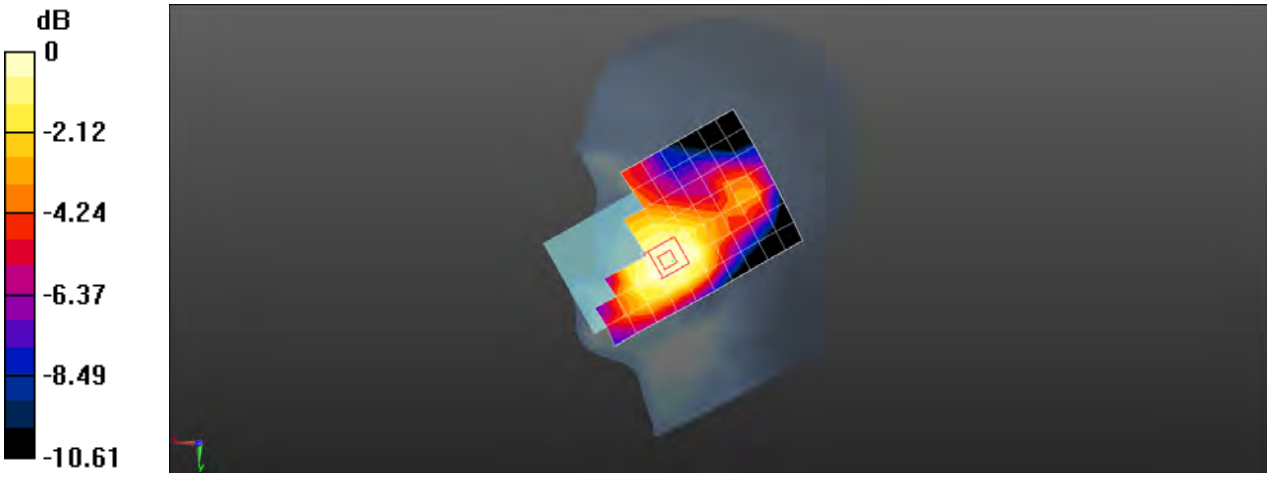
Medium: HSL835;Medium parameters used (interpolated): f = 821.5 MHz; σ = 0.909 S/m; ε_r = 41.02; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(9.04, 9.04, 9.04); Calibrated: 2019-03-25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = -2.0, 31.0
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 2; Type: SAM; Serial: 1913
- 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) = 0.0636 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.660 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.0710 W/kg
SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.042 W/kg
Maximum value of SAR (measured) = 0.0609 W/kg



0 dB = 0.0609 W/kg = -12.15 dBW/kg

Date: 2019-04-12

Test Laboratory: SGS-SAR Lab

YAL-L21 LTE Band 26 15M QPSK 1RB38 26765CH Back side 15mm with Battery2 Ant1

DUT: YAL-L21; Type: Smart Phone; Serial: NXE119320000003

Communication System: UID 0, LTE-FDD BW 15MHz (0); Frequency: 821.5 MHz;Duty Cycle: 1:1

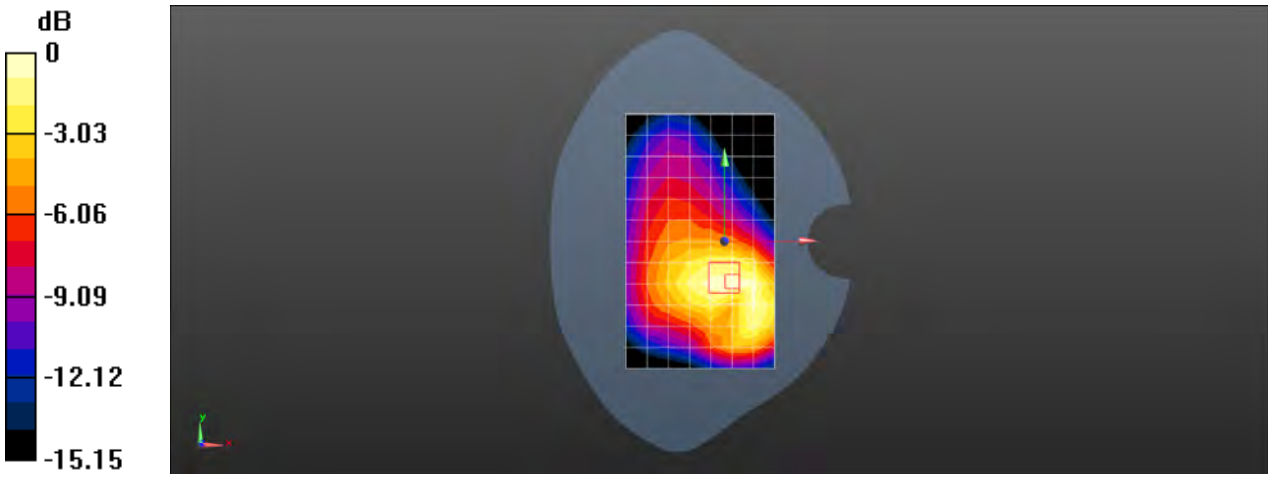
Medium: MSL835;Medium parameters used (interpolated): f = 821.5 MHz; σ = 0.971 S/m; ε_r = 55.486; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(9.11, 9.11, 9.11); Calibrated: 2019-03-25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = -2.0, 31.0
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 1; Type: SAM; Serial: 1283
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.248 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.563 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.297 W/kg
SAR(1 g) = 0.181 W/kg; SAR(10 g) = 0.117 W/kg
Maximum value of SAR (measured) = 0.251 W/kg



0 dB = 0.251 W/kg = -6.00 dBW/kg

Date: 2019-04-12

Test Laboratory: SGS-SAR Lab

YAL-L21 LTE Band 26 15M QPSK 1RB38 26765CH Back side 10mm Ant1

DUT: YAL-L21; Type: Smart Phone; Serial: NXE119320000096

Communication System: UID 0, LTE-FDD BW 15MHz (0); Frequency: 821.5 MHz;Duty Cycle: 1:1

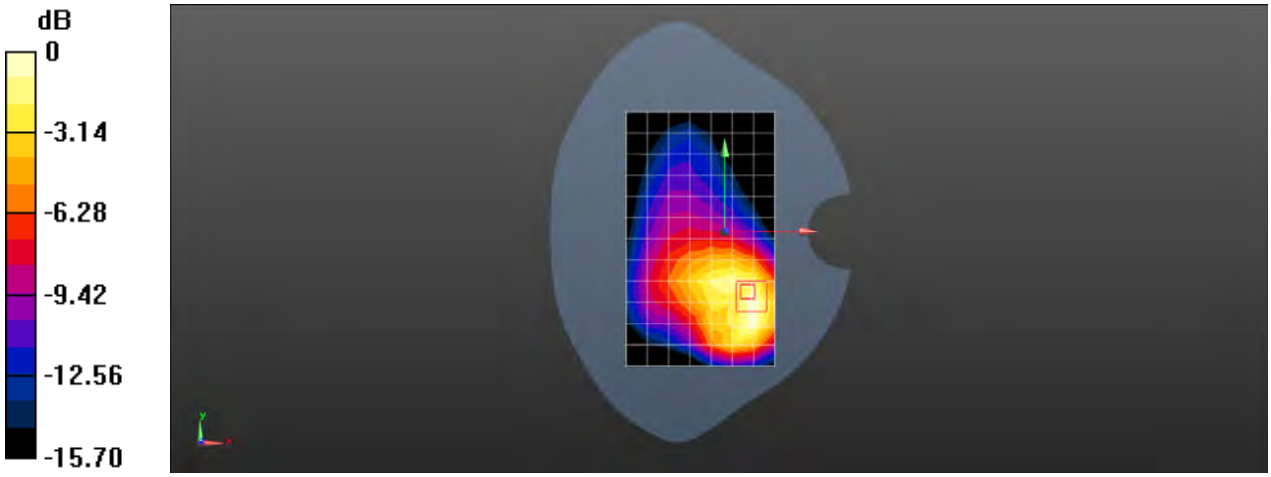
Medium: MSL835;Medium parameters used (interpolated): f = 821.5 MHz; σ = 0.971 S/m; ε_r = 55.486; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(9.11, 9.11, 9.11); Calibrated: 2019-03-25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = -2.0, 31.0
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 1; Type: SAM; Serial: 1283
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.591 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.642 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.733 W/kg
SAR(1 g) = 0.392 W/kg; SAR(10 g) = 0.218 W/kg
Maximum value of SAR (measured) = 0.587 W/kg



0 dB = 0.587 W/kg = -2.31 dBW/kg

Date: 2019-04-11

Test Laboratory: SGS-SAR Lab

YAL-L21 LTE Band 26 15M QPSK 1RB74 26765CH Right cheek with Battery 2 Ant2

DUT: YAL-L21; Type: Smart Phone; Serial: NXE119320000003

Communication System: UID 0, LTE-FDD BW 15MHz (0); Frequency: 821.5 MHz;Duty Cycle: 1:1

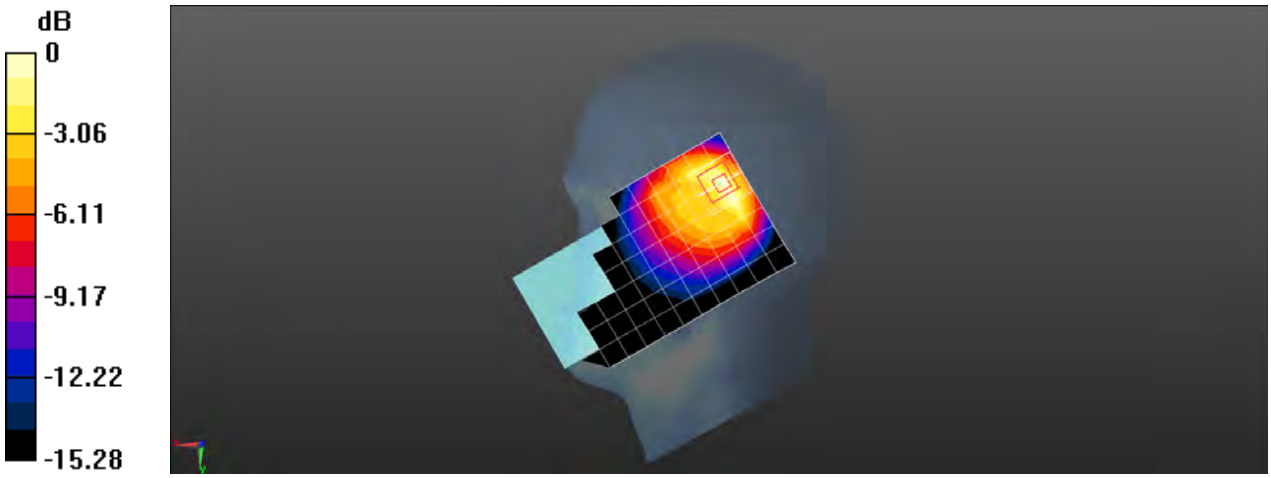
Medium: HSL835;Medium parameters used (interpolated): f = 821.5 MHz; σ = 0.909 S/m; ε_r = 41.02; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(9.04, 9.04, 9.04); Calibrated: 2019-03-25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = -2.0, 31.0
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 2; Type: SAM; Serial: 1913
- 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) = 0.644 W/kg

Configuration/Head/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.95 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.862 W/kg
SAR(1 g) = 0.398 W/kg; SAR(10 g) = 0.216 W/kg
Maximum value of SAR (measured) = 0.679 W/kg



0 dB = 0.679 W/kg = -1.68 dBW/kg

Date: 2019-04-12

Test Laboratory: SGS-SAR Lab

YAL-L21 LTE Band 26 15M QPSK 1RB74 26765CH Back side 15mm Ant2

DUT: YAL-L21; Type: Smart Phone; Serial: NXE119320000087

Communication System: UID 0, LTE-FDD BW 15MHz (0); Frequency: 821.5 MHz;Duty Cycle: 1:1

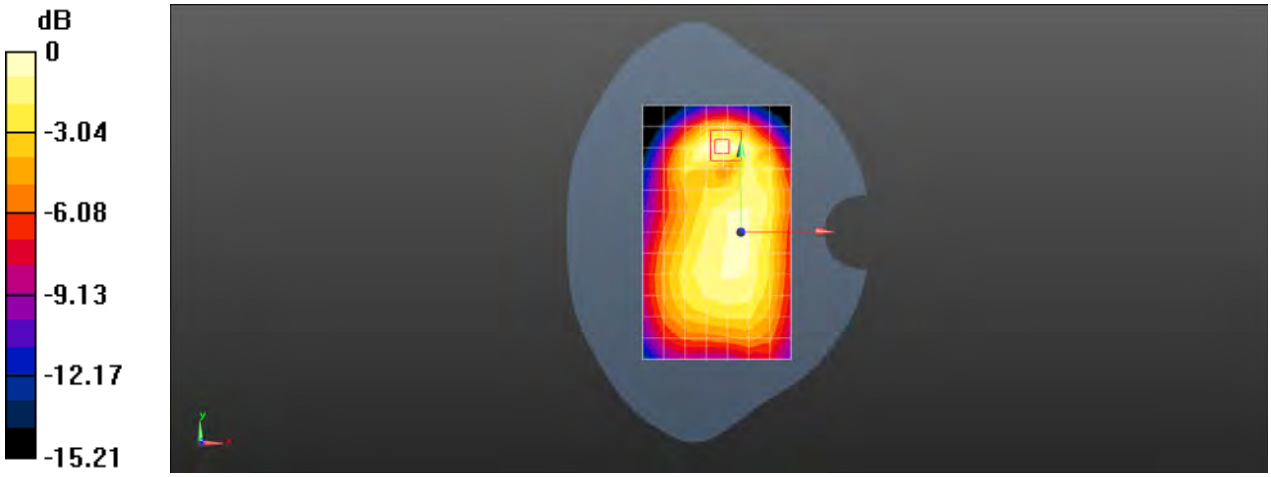
Medium: MSL835;Medium parameters used (interpolated): f = 821.5 MHz; σ = 0.971 S/m; ε_r = 55.486; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(9.11, 9.11, 9.11); Calibrated: 2019-03-25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = -2.0, 31.0
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 1; Type: SAM; Serial: 1283
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

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

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.99 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.242 W/kg
SAR(1 g) = 0.142 W/kg; SAR(10 g) = 0.085 W/kg
Maximum value of SAR (measured) = 0.202 W/kg



0 dB = 0.202 W/kg = -6.95 dBW/kg

Date: 2019-04-12

Test Laboratory: SGS-SAR Lab

YAL-L21 LTE Band 26 15M QPSK 1RB74 26765CH Back side 10mm Ant2

DUT: YAL-L21; Type: Smart Phone; Serial: NXE119320000087

Communication System: UID 0, LTE-FDD BW 15MHz (0); Frequency: 821.5 MHz;Duty Cycle: 1:1

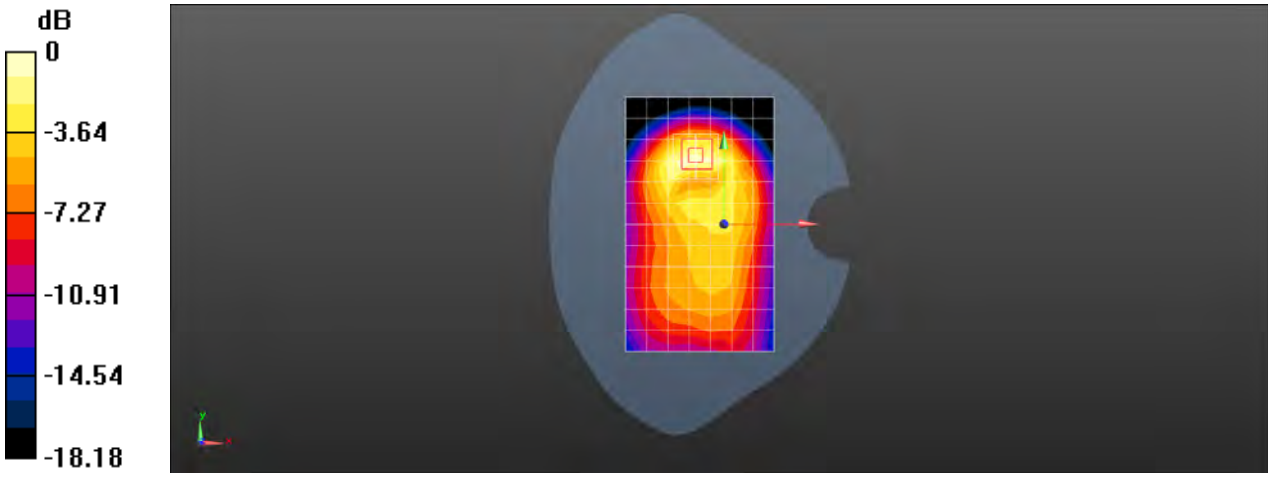
Medium: MSL835;Medium parameters used (interpolated): f = 821.5 MHz; σ = 0.971 S/m; ε_r = 55.486; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(9.11, 9.11, 9.11); Calibrated: 2019-03-25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = -2.0, 31.0
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 1; Type: SAM; Serial: 1283
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x13x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (measured) = 0.428 W/kg

Configuration/Body/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.13 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.541 W/kg
SAR(1 g) = 0.290 W/kg; SAR(10 g) = 0.163 W/kg
Maximum value of SAR (measured) = 0.448 W/kg



0 dB = 0.448 W/kg = -3.49 dBW/kg

Date: 2019-04-10

Test Laboratory: SGS-SAR Lab

YAL-L21 LTE Band 38 20M QPSK 1RB99 38150CH Left cheek Ant1

DUT: YAL-L21; Type: Smart Phone; Serial: NXE119320000096

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

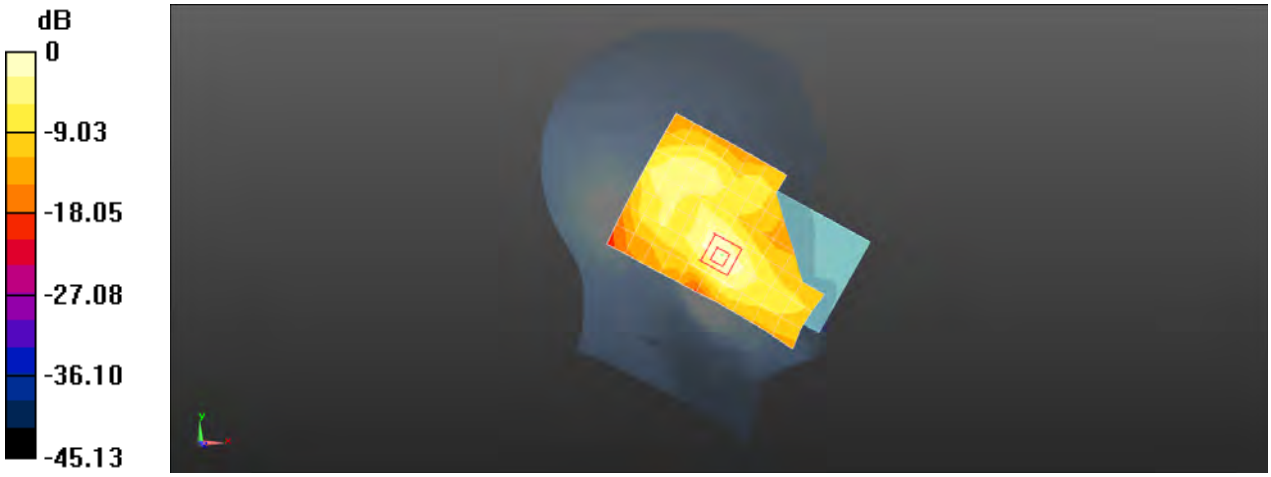
Medium: HSL2600;Medium parameters used: f = 2610 MHz; σ = 2.004 S/m; ε_r = 39.386; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(6.78, 6.78, 6.78); Calibrated: 2019-03-25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = -2.0, 31.0
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 1; Type: SAM; Serial: 1283
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (9x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.315 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.297 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.401 W/kg
SAR(1 g) = 0.208 W/kg; SAR(10 g) = 0.100 W/kg
Maximum value of SAR (measured) = 0.308 W/kg



0 dB = 0.308 W/kg = -5.11 dBW/kg

Date: 2019-04-14

Test Laboratory: SGS-SAR Lab

YAL-L21 LTE Band 38 20M QPSK 1RB99 38150CH Back side 15mm Ant1

DUT: YAL-L21; Type: Smart Phone; Serial: NXE119320000096

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

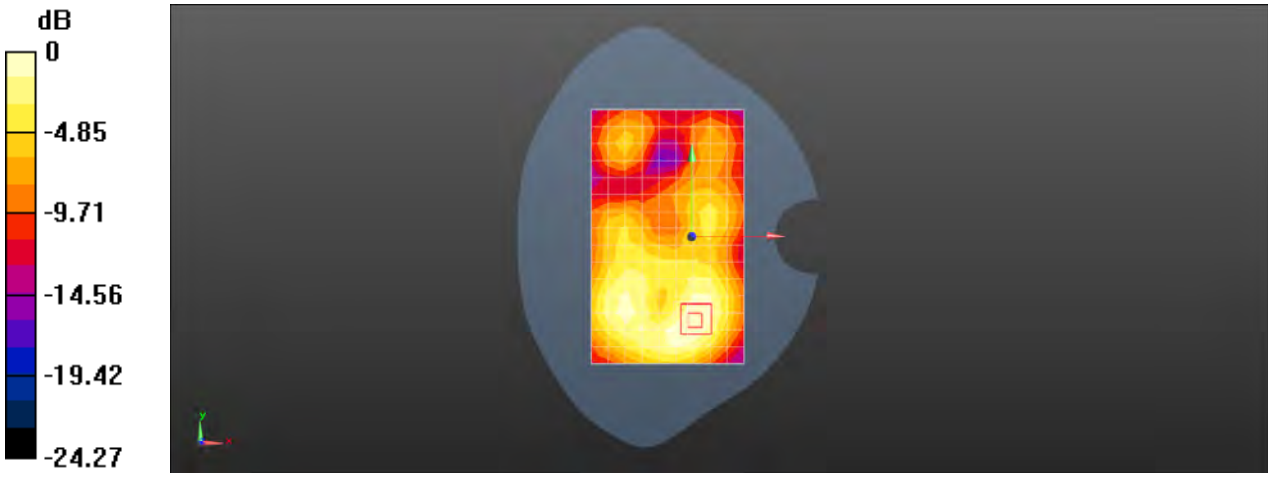
Medium: MSL2600;Medium parameters used: f = 2610 MHz; σ = 2.14 S/m; ε_r = 50.314; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(6.87, 6.87, 6.87); Calibrated: 2019-03-25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = -2.0, 31.0
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.200 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.135 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.250 W/kg
SAR(1 g) = 0.139 W/kg; SAR(10 g) = 0.077 W/kg
Maximum value of SAR (measured) = 0.206 W/kg



0 dB = 0.206 W/kg = -6.86 dBW/kg

Date: 2019-04-14

Test Laboratory: SGS-SAR Lab

YAL-L21 LTE Band 38 20M QPSK 1RB99 38150CH Bottom side 10mm Ant1

DUT:YAL-L21; Type: Smart Phone; Serial: NXE119320000096

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

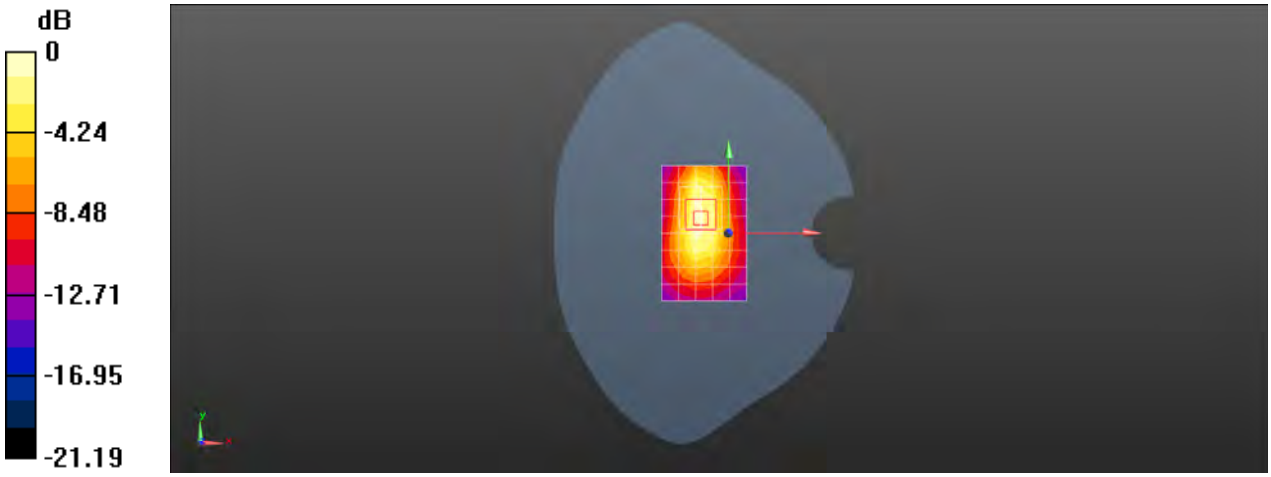
Medium: MSL2600;Medium parameters used: f = 2610 MHz; σ = 2.14 S/m; ε_r = 50.314; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(6.87, 6.87, 6.87); Calibrated: 2019-03-25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = -2.0, 31.0
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.510 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.03 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.728 W/kg
SAR(1 g) = 0.366 W/kg; SAR(10 g) = 0.183 W/kg
Maximum value of SAR (measured) = 0.592 W/kg



0 dB = 0.592 W/kg = -2.28 dBW/kg

Date: 2019-04-10

Test Laboratory: SGS-SAR Lab

YAL-L21 LTE Band 38 20M QPSK 1RB99 38150CH Right cheek Ant2

DUT: YAL-L21; Type: Smart Phone; Serial: NXE119320000096

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

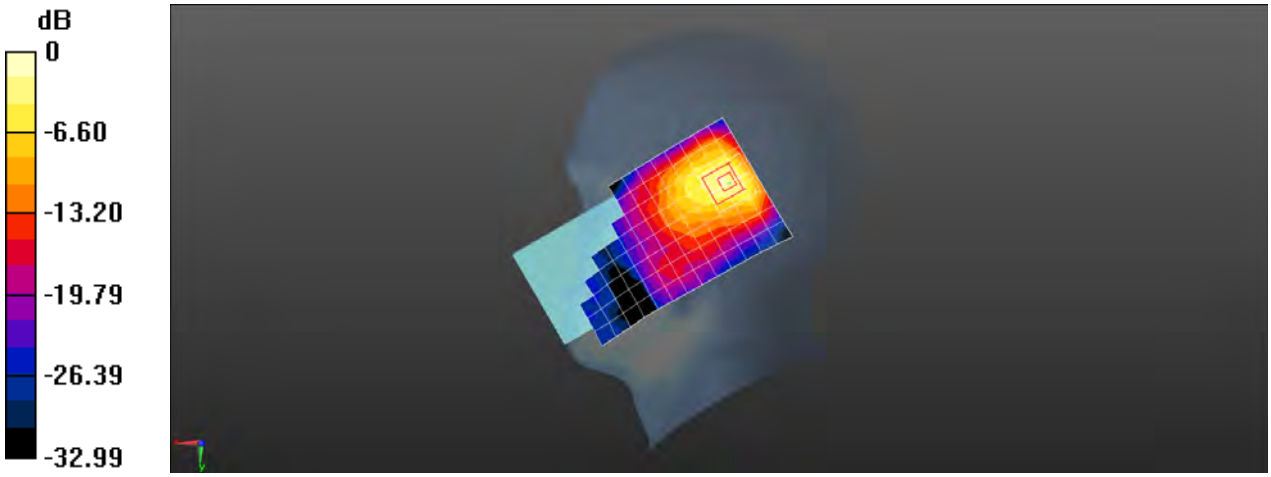
Medium: HSL2600;Medium parameters used: f = 2610 MHz; σ = 2.004 S/m; ε_r = 39.386; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(6.78, 6.78, 6.78); Calibrated: 2019-03-25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = -2.0, 31.0
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 1; Type: SAM; Serial: 1283
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (9x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.681 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 14.74 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.32 W/kg
SAR(1 g) = 0.594 W/kg; SAR(10 g) = 0.254 W/kg
Maximum value of SAR (measured) = 1.05 W/kg



0 dB = 1.05 W/kg = 0.21 dBW/kg

Date: 2019-04-15

Test Laboratory: SGS-SAR Lab

YAL-L21 LTE Band 38 20M QPSK 1RB99 38150CH Back side 15mm Ant2

DUT: YAL-L21; Type: Smart Phone; Serial: NXE119320000096

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

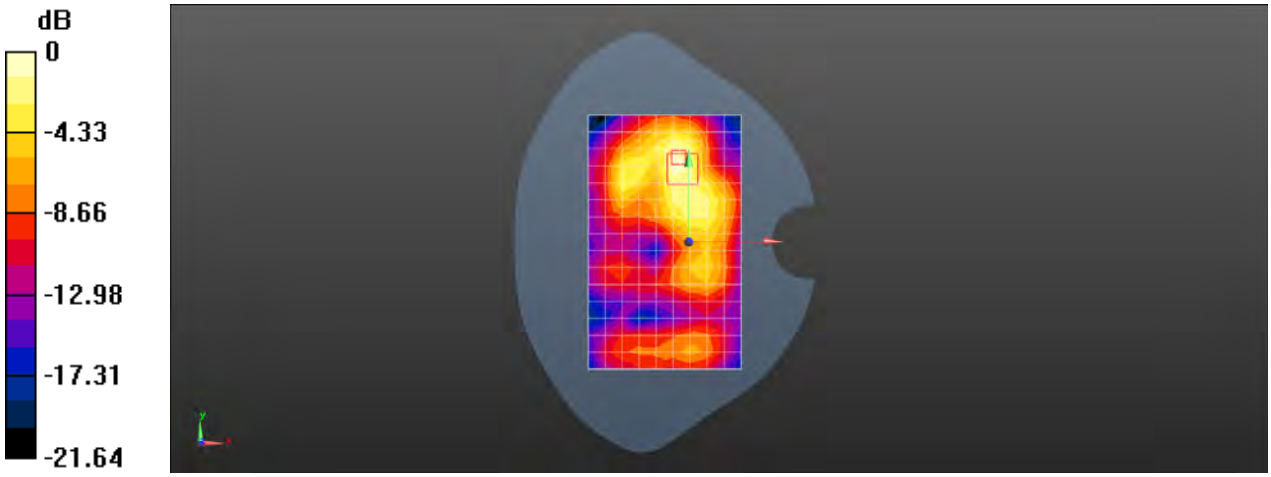
Medium: MSL2600;Medium parameters used: f = 2610 MHz; σ = 2.173 S/m; ε_r = 52.199; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(6.87, 6.87, 6.87); Calibrated: 2019-03-25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = -2.0, 31.0
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.109 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.509 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.217 W/kg
SAR(1 g) = 0.081 W/kg; SAR(10 g) = 0.036 W/kg
Maximum value of SAR (measured) = 0.124 W/kg



0 dB = 0.124 W/kg = -9.07 dBW/kg

Date: 2019-04-15

Test Laboratory: SGS-SAR Lab

YAL-L21 LTE Band 38 20M QPSK 1RB99 38150CH Back side 10mm Ant2

DUT: YAL-L21; Type: Smart Phone; Serial: NXE119320000096

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

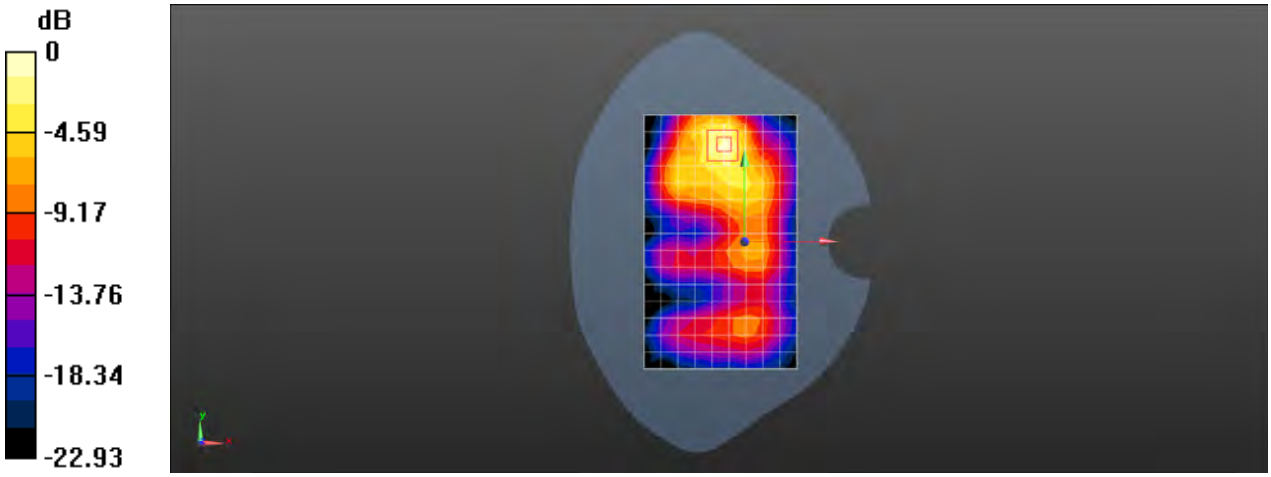
Medium: MSL2600;Medium parameters used: f = 2610 MHz; σ = 2.173 S/m; ε_r = 52.199; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(6.87, 6.87, 6.87); Calibrated: 2019-03-25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = -2.0, 31.0
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.349 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.996 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.452 W/kg
SAR(1 g) = 0.241 W/kg; SAR(10 g) = 0.115 W/kg
Maximum value of SAR (measured) = 0.379 W/kg



0 dB = 0.379 W/kg = -4.21 dBW/kg

Date: 2019-04-10

Test Laboratory: SGS-SAR Lab

YAL-L21 LTE Band 41 20M QPSK 1RB99 40240CH Left cheek Ant1

DUT: YAL-L21; Type: Smart Phone; Serial: NXE119320000096

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2555 MHz;Duty Cycle: 1:1.57906

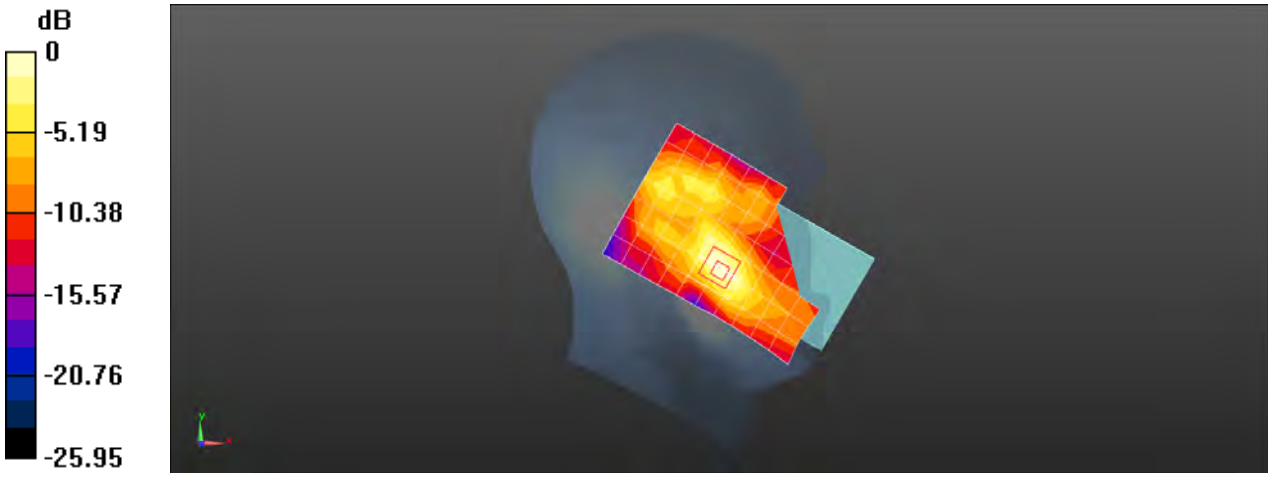
Medium: HSL2600;Medium parameters used: f = 2555 MHz; σ = 1.941 S/m; ε_r = 39.576; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(6.78, 6.78, 6.78); Calibrated: 2019-03-25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = -2.0, 31.0
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 1; Type: SAM; Serial: 1283
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (9x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.263 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.729 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.334 W/kg
SAR(1 g) = 0.178 W/kg; SAR(10 g) = 0.088 W/kg
Maximum value of SAR (measured) = 0.258 W/kg



0 dB = 0.258 W/kg = -5.88 dBW/kg

Date: 2019-04-14

Test Laboratory: SGS-SAR Lab

YAL-L21 LTE Band 41 20M QPSK 1RB99 40240CH Back side 15mm Ant1

DUT: YAL-L21; Type: Smart Phone; Serial: NXE119320000096

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2555 MHz;Duty Cycle: 1:1.57906

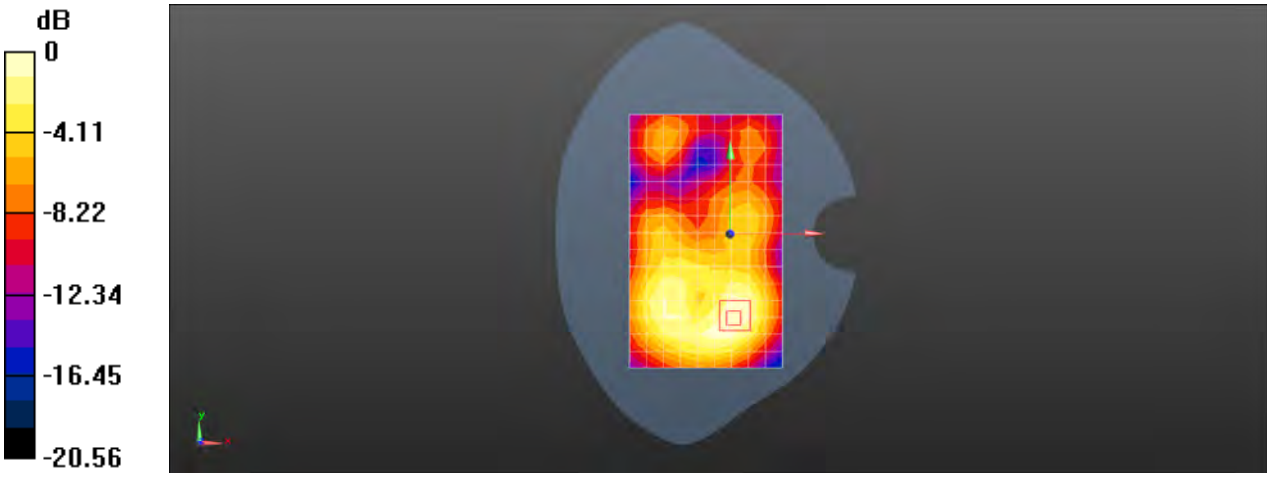
Medium: MSL2600;Medium parameters used: f = 2555 MHz; σ = 2.067 S/m; ε_r = 50.466; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(6.87, 6.87, 6.87); Calibrated: 2019-03-25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = -2.0, 31.0
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.197 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.919 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.238 W/kg
SAR(1 g) = 0.134 W/kg; SAR(10 g) = 0.075 W/kg
Maximum value of SAR (measured) = 0.198 W/kg



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

Date: 2019-04-14

Test Laboratory: SGS-SAR Lab

YAL-L21 LTE Band 41 20M QPSK 1RB99 40240CH Bottom side 10mm Ant1

DUT: YAL-L21; Type: Smart Phone; Serial: NXE119320000096

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2555 MHz;Duty Cycle: 1:1.57906

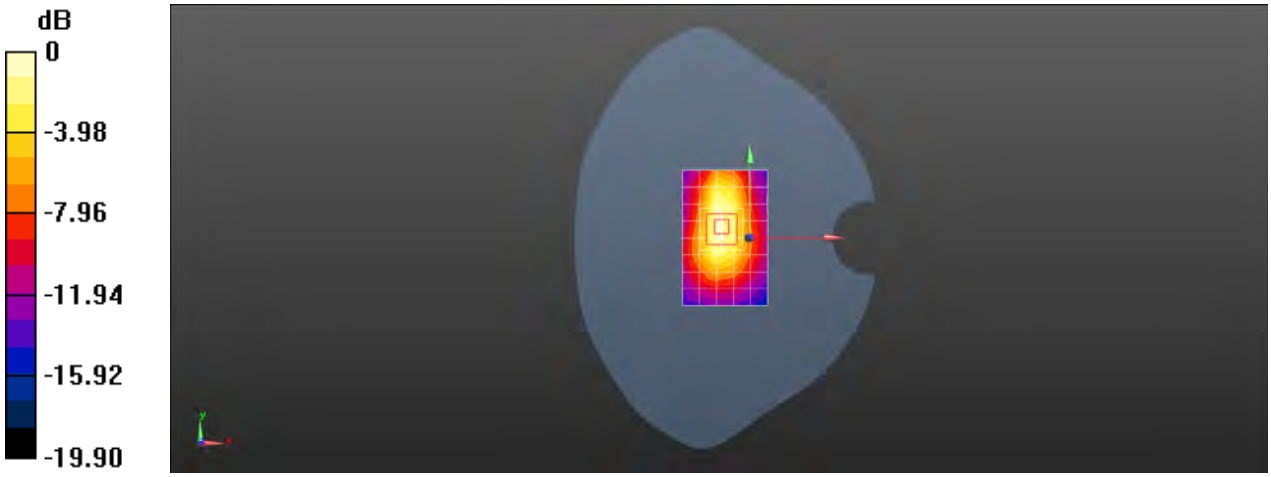
Medium: MSL2600;Medium parameters used: f = 2555 MHz; σ = 2.067 S/m; ε_r = 50.466; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(6.87, 6.87, 6.87); Calibrated: 2019-03-25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = -2.0, 31.0
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (6x9x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.492 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.37 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.695 W/kg
SAR(1 g) = 0.358 W/kg; SAR(10 g) = 0.184 W/kg
Maximum value of SAR (measured) = 0.571 W/kg



0 dB = 0.571 W/kg = -2.43 dBW/kg

Date: 2019-04-10

Test Laboratory: SGS-SAR Lab

YAL-L21 LTE Band 41 20M QPSK 50RB0 40240CH Right cheek Ant2

DUT: YAL-L21; Type: Smart Phone; Serial: NXE119320000096

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2555 MHz;Duty Cycle: 1:1.57906

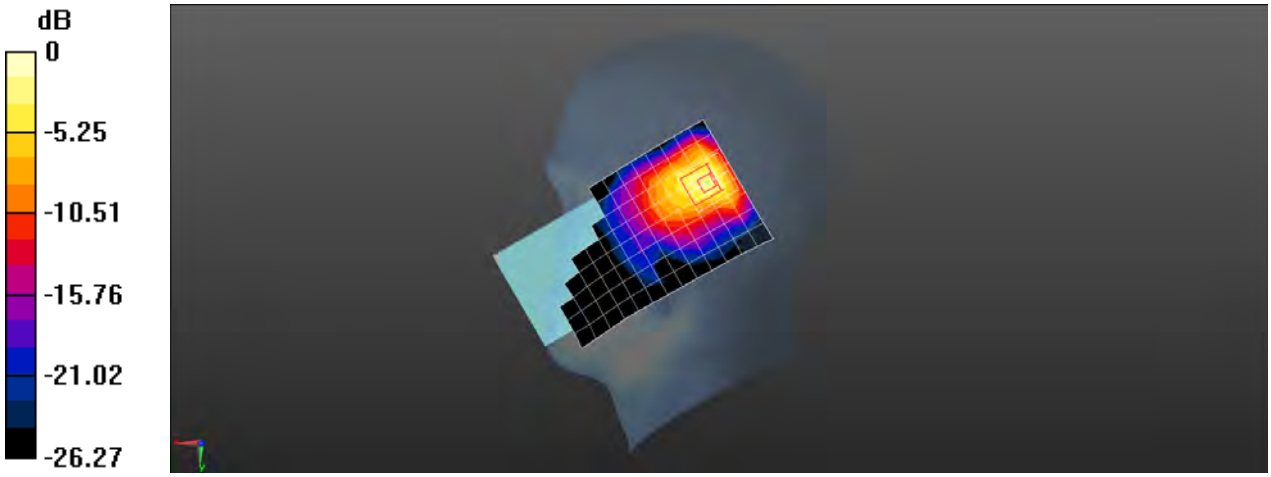
Medium: HSL2600;Medium parameters used: f = 2555 MHz; σ = 1.941 S/m; ε_r = 39.576; ρ = 1000 kg/m^3
Phantom section: Right Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(6.78, 6.78, 6.78); Calibrated: 2019-03-25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = -2.0, 31.0
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 1; Type: SAM; Serial: 1283
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (9x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.632 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.47 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.519 W/kg; SAR(10 g) = 0.220 W/kg
Maximum value of SAR (measured) = 0.945 W/kg



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

Date: 2019-04-15

Test Laboratory: SGS-SAR Lab

YAL-L21 LTE Band 41 20M QPSK 1RB99 40240CH Back side 15mm Ant2

DUT: YAL-L21; Type: Smart Phone; Serial: NXE119320000096

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2555 MHz;Duty Cycle: 1:1.57906

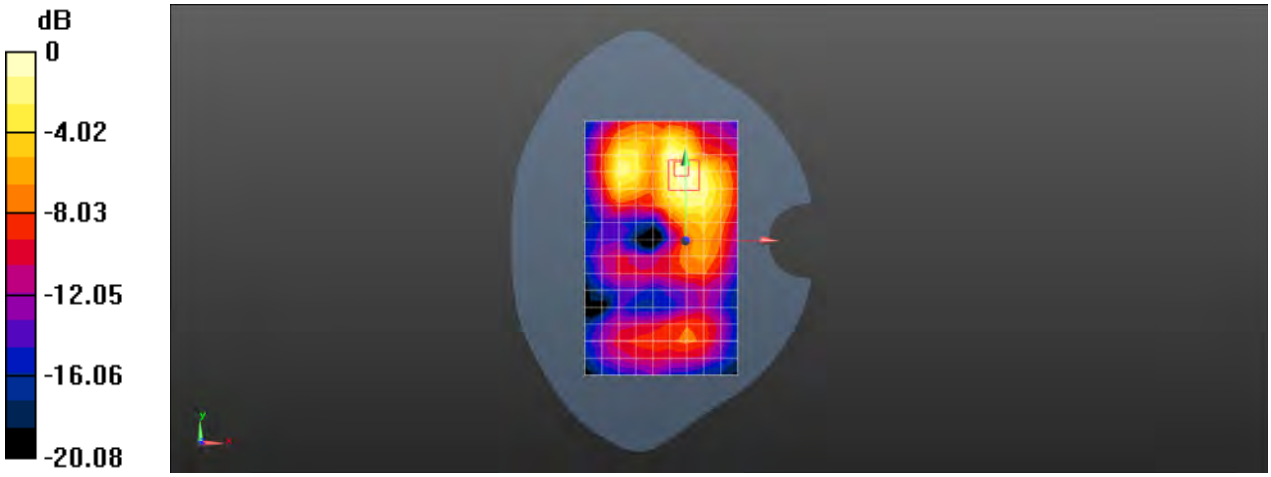
Medium: MSL2600;Medium parameters used: f = 2555 MHz; σ = 2.1 S/m; ε_r = 52.346; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(6.87, 6.87, 6.87); Calibrated: 2019-03-25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = -2.0, 31.0
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (10x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.173 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.374 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.215 W/kg
SAR(1 g) = 0.115 W/kg; SAR(10 g) = 0.063 W/kg
Maximum value of SAR (measured) = 0.176 W/kg



0 dB = 0.176 W/kg = -7.54 dBW/kg

Date: 2019-04-15

Test Laboratory: SGS-SAR Lab

YAL-L21 LTE Band 41 20M QPSK 1RB99 40240CH Back side 10mm Ant2

DUT: YAL-L21; Type: Smart Phone; Serial: NXE119320000096

Communication System: UID 0, LTE-TDD BW 20MHz (0); Frequency: 2555 MHz;Duty Cycle: 1:1.57906

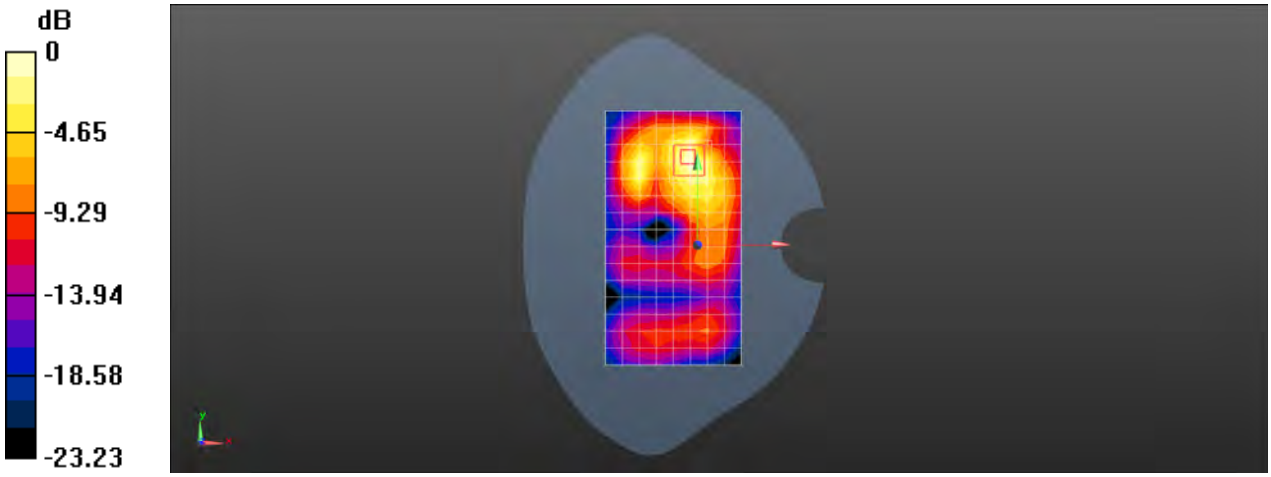
Medium: MSL2600;Medium parameters used: f = 2555 MHz; σ = 2.1 S/m; ε_r = 52.346; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(6.87, 6.87, 6.87); Calibrated: 2019-03-25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = -2.0, 31.0
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (9x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.429 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.163 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 0.553 W/kg
SAR(1 g) = 0.289 W/kg; SAR(10 g) = 0.138 W/kg
Maximum value of SAR (measured) = 0.445 W/kg



0 dB = 0.445 W/kg = -3.52 dBW/kg

Date: 2019-04-20

Test Laboratory: SGS-SAR Lab

YAL-L21 WIFI 2.4G 802.11b 1CH Left tilted Ant1

DUT: YAL-L21; Type: Smart Phone; Serial: NXE119320000096

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

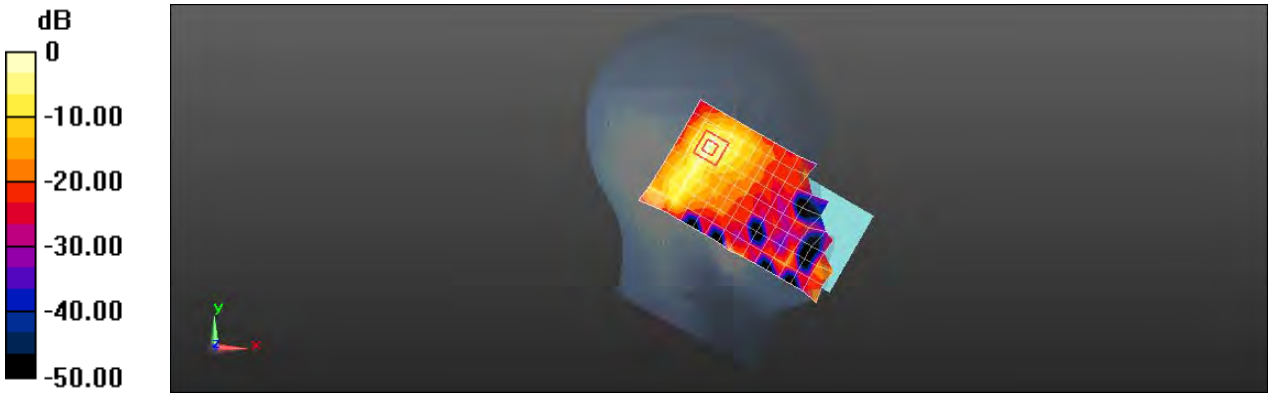
Medium: HSL2450;Medium parameters used: f = 2412 MHz; σ = 1.767 S/m; ε_r = 41.181; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.58, 7.58, 7.58); Calibrated: 2019-02-25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = -2.0, 31.0
- Electronics: DAE4 Sn1374; Calibrated: 2018-09-18
- Phantom: SAM 6; Type: SAM; Serial: 1824
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (9x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.235 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.644 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.470 W/kg
SAR(1 g) = 0.176 W/kg; SAR(10 g) = 0.063 W/kg
Maximum value of SAR (measured) = 0.351 W/kg



0 dB = 0.351 W/kg = -4.55 dBW/kg

Date: 2019-04-18

Test Laboratory: SGS-SAR Lab

YAL-L21 WIFI 2.4G 802.11b 11CH Back side 15mm Ant1

DUT: YAL-L21; Type: Smart Phone; Serial: NXE119320000096

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

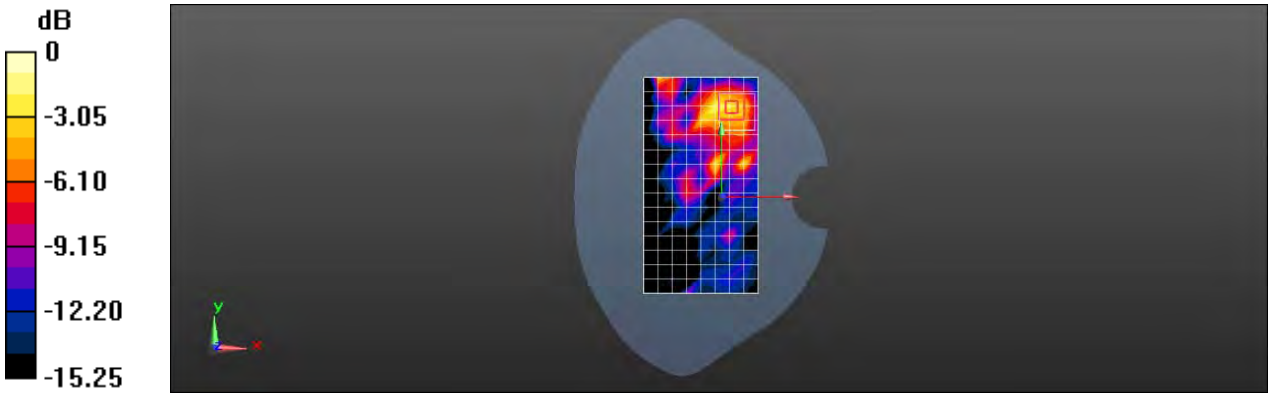
Medium: MSL2450;Medium parameters used: f = 2462 MHz; σ = 1.998 S/m; ε_r = 50.357; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.7, 7.7, 7.7); Calibrated: 2019-02-25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = -2.0, 31.0
- Electronics: DAE4 Sn1374; Calibrated: 2018-09-18
- Phantom: SAM 6; Type: SAM; Serial: 1824
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (9x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.0928 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.890 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.465 W/kg
SAR(1 g) = 0.064 W/kg; SAR(10 g) = 0.028 W/kg
Maximum value of SAR (measured) = 0.148 W/kg



0 dB = 0.148 W/kg = -8.30 dBW/kg

Date: 2019-04-18

Test Laboratory: SGS-SAR Lab

YAL-L21 WIFI 2.4G 802.11b 11CH Top side 10mm Ant 1

DUT: YAL-L21; Type: Smart Phone; Serial: NXE119320000096

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

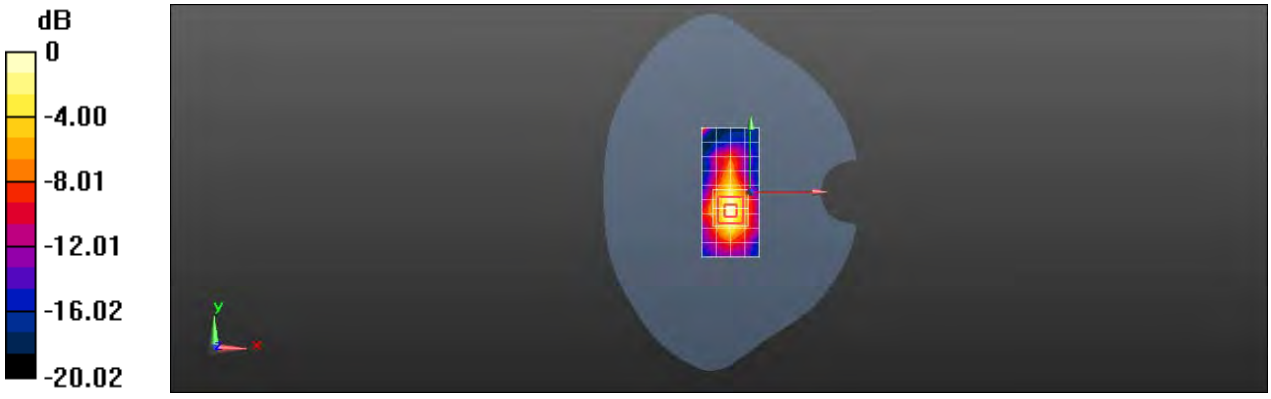
Medium: MSL2450;Medium parameters used: f = 2462 MHz; σ = 1.998 S/m; ε_r = 50.357; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.7, 7.7, 7.7); Calibrated: 2019-02-25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = -2.0, 31.0
- Electronics: DAE4 Sn1374; Calibrated: 2018-09-18
- Phantom: SAM 6; Type: SAM; Serial: 1824
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (5x10x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.457 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 9.652 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.518 W/kg
SAR(1 g) = 0.287 W/kg; SAR(10 g) = 0.136 W/kg
Maximum value of SAR (measured) = 0.440 W/kg



0 dB = 0.440 W/kg = -3.57 dBW/kg

Date: 2019-04-20

Test Laboratory: SGS-SAR Lab

YAL-L21 WIFI 2.4G 802.11b 11CH Left cheek Ant 2

DUT: YAL-L21; Type: Smart Phone; Serial: NXE119320000096

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

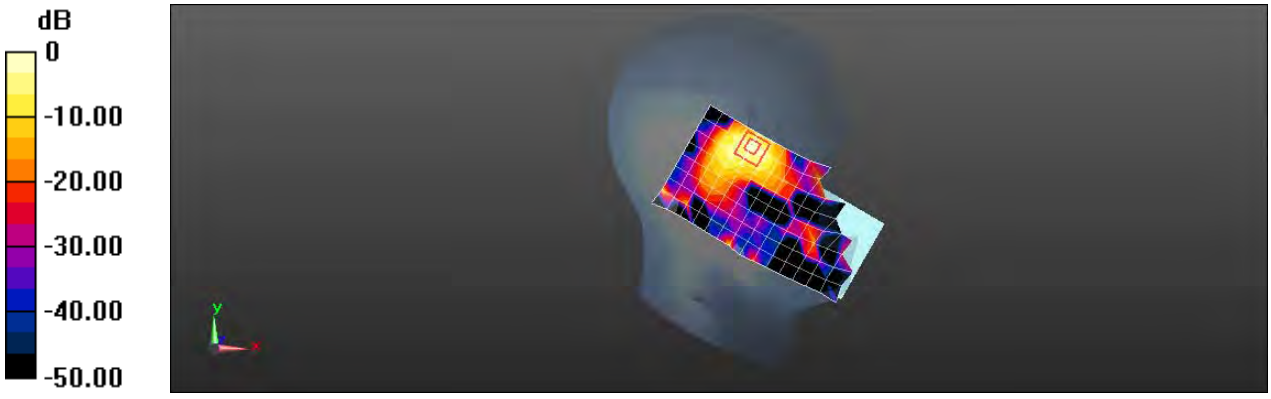
Medium: HSL2450;Medium parameters used: f = 2462 MHz; σ = 1.825 S/m; ε_r = 41.008; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.58, 7.58, 7.58); Calibrated: 2019-02-25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = -2.0, 31.0
- Electronics: DAE4 Sn1374; Calibrated: 2018-09-18
- Phantom: SAM 6; Type: SAM; Serial: 1824
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (9x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.405 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.565 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.542 W/kg
SAR(1 g) = 0.201 W/kg; SAR(10 g) = 0.080 W/kg
Maximum value of SAR (measured) = 0.404 W/kg



0 dB = 0.404 W/kg = -3.94 dBW/kg

Date: 2019-04-18

Test Laboratory: SGS-SAR Lab

YAL-L21 WIFI 2.4G 802.11b 11CH Back side 15mm Ant 2

DUT: YAL-L21; Type: Smart Phone; Serial: NXE119320000096

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

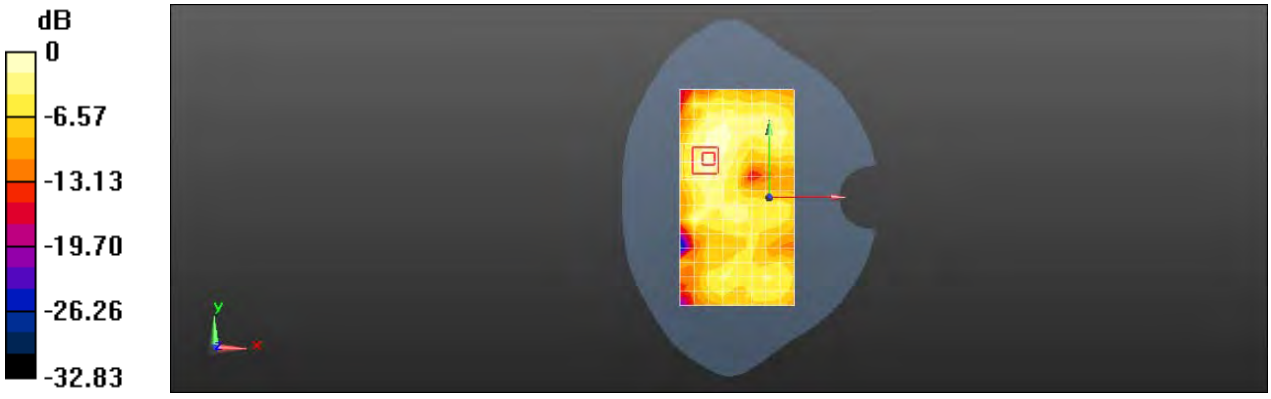
Medium: MSL2450;Medium parameters used: f = 2462 MHz; σ = 1.998 S/m; ε_r = 50.357; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.7, 7.7, 7.7); Calibrated: 2019-02-25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = -2.0, 31.0
- Electronics: DAE4 Sn1374; Calibrated: 2018-09-18
- Phantom: SAM 6; Type: SAM; Serial: 1824
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (9x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.111 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.186 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 0.148 W/kg
SAR(1 g) = 0.090 W/kg; SAR(10 g) = 0.049 W/kg
Maximum value of SAR (measured) = 0.126 W/kg



0 dB = 0.126 W/kg = -9.00 dBW/kg

Date: 2019-04-18

Test Laboratory: SGS-SAR Lab

YAL-L21 WIFI 2.4G 802.11b 11CH Right side 10mm Ant2

DUT: YAL-L21; Type: Smart Phone; Serial: NXE119320000096

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

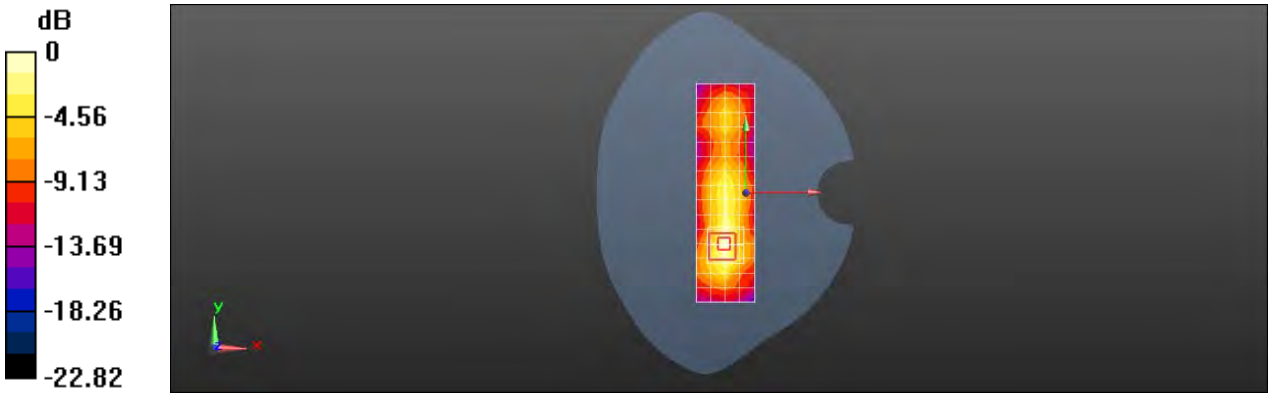
Medium: MSL2450;Medium parameters used: f = 2462 MHz; σ = 1.998 S/m; ε_r = 50.357; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.7, 7.7, 7.7); Calibrated: 2019-02-25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = -2.0, 31.0
- Electronics: DAE4 Sn1374; Calibrated: 2018-09-18
- Phantom: SAM 6; Type: SAM; Serial: 1824
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (5x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.367 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.956 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.564 W/kg
SAR(1 g) = 0.250 W/kg; SAR(10 g) = 0.112 W/kg



0 dB = 0.367 W/kg = -4.35 dBW/kg

Date: 2019-04-21

Test Laboratory: SGS-SAR Lab

Wifi5G 802.11a 60CH Left tilted

DUT: YAL-L21; Type: Smart Phone; Serial: NXE119320000096

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

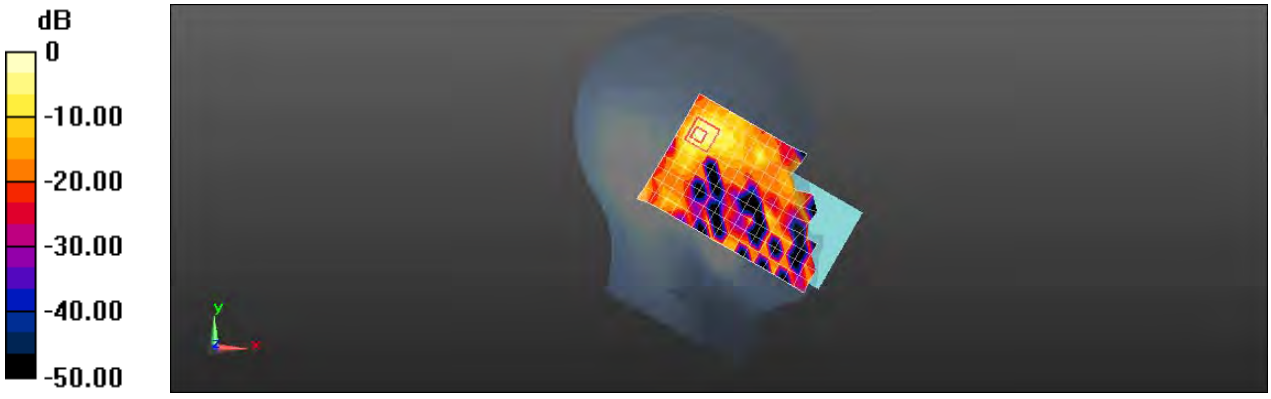
Medium: HSL5G;Medium parameters used: f = 5300 MHz; σ = 4.764 S/m; ε_r = 36.559; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(5.55, 5.55, 5.55); Calibrated: 2019-02-25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = -2.0, 23.4
- Electronics: DAE4 Sn1374; Calibrated: 2018-09-18
- Phantom: SAM 6; Type: SAM; Serial: 1824
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/Head/Area Scan (11x19x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.481 W/kg

Configuration/Head/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 2.253 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 2.40 W/kg
SAR(1 g) = 0.225 W/kg; SAR(10 g) = 0.057 W/kg
Maximum value of SAR (measured) = 0.679 W/kg



0 dB = 0.679 W/kg = -1.68 dBW/kg

Date: 2019-04-19

Test Laboratory: SGS-SAR Lab

Wifi5G 802.11a 161CH Back side 15mm

DUT: YAL-L21; Type: Smart Phone; Serial: NXE119320000096

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5805 MHz;Duty Cycle: 1:1

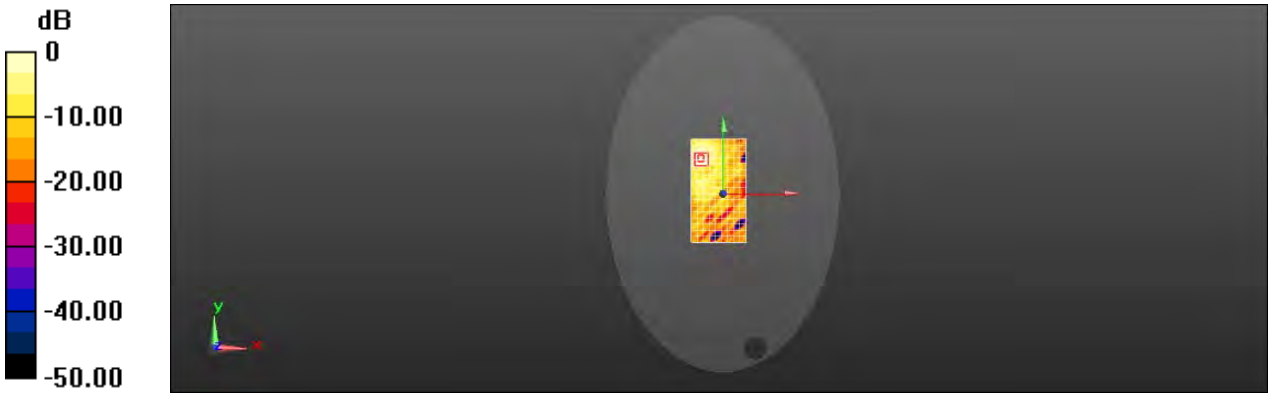
Medium: MSL5G;Medium parameters used: f = 5805 MHz; σ = 6.049 S/m; ε_r = 46.711; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(4.43, 4.43, 4.43); Calibrated: 2019-02-25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = -2.0, 23.4
- Electronics: DAE4 Sn1374; Calibrated: 2018-09-18
- Phantom: ELI v5.0 Left ; Type: ELI V5.0 ; Serial: TP:1239
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (10x18x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.238 W/kg

Configuration/Body/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.420 W/kg
SAR(1 g) = 0.087 W/kg; SAR(10 g) = 0.033 W/kg
Maximum value of SAR (measured) = 0.276 W/kg



0 dB = 0.276 W/kg = -5.59 dBW/kg

Date: 2019-04-19

Test Laboratory: SGS-SAR Lab

Wifi5G 802.11a 161CH Right side 10mm

DUT: YAL-L21; Type: Smart Phone; Serial: NXE119320000096

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5805 MHz;Duty Cycle: 1:1

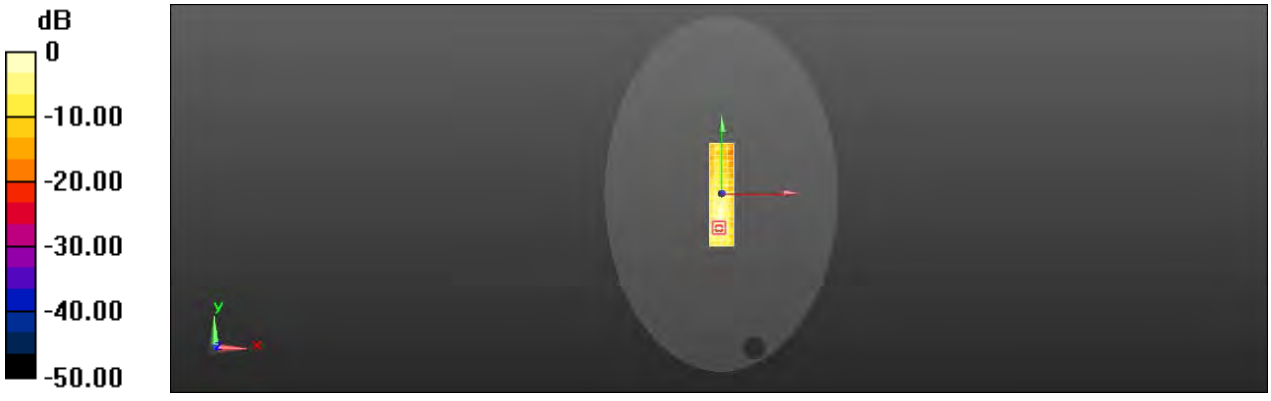
Medium: MSL5G;Medium parameters used: f = 5805 MHz; σ = 6.049 S/m; ε_r = 46.711; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(4.43, 4.43, 4.43); Calibrated: 2019-02-25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = -2.0, 23.4
- Electronics: DAE4 Sn1374; Calibrated: 2018-09-18
- Phantom: ELI v5.0 Left ; Type: ELI V5.0 ; Serial: TP:1239
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (5x18x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.554 W/kg

Configuration/Body/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 3.256 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 1.07 W/kg
SAR(1 g) = 0.234 W/kg; SAR(10 g) = 0.079 W/kg
Maximum value of SAR (measured) = 0.626 W/kg



0 dB = 0.626 W/kg = -2.03 dBW/kg

Date: 2019-04-19

Test Laboratory: SGS-SAR Lab

Wifi5G 802.11a 60CH Right side 0mm

DUT: YAL-L21; Type: Smart Phone; Serial: NXE119320000096

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

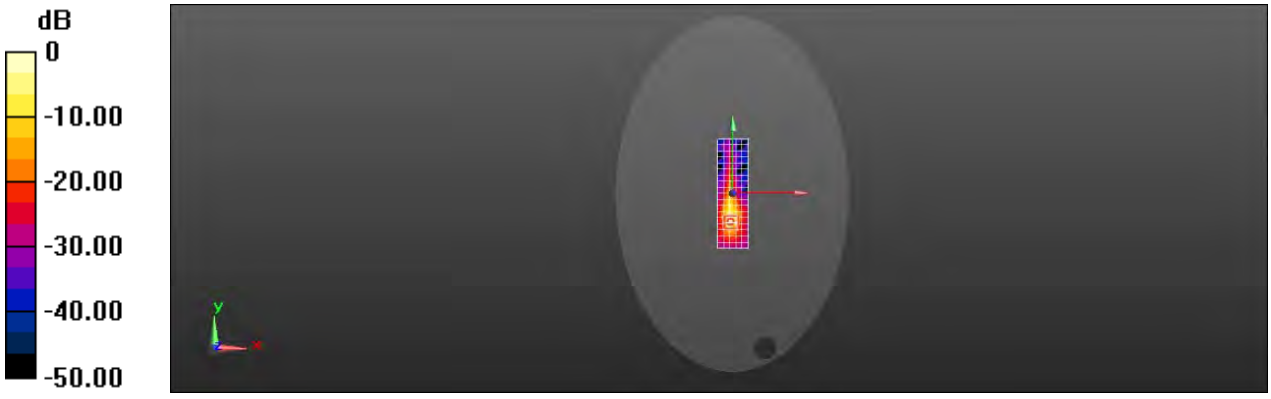
Medium: MSL5G;Medium parameters used: f = 5300 MHz; σ = 5.528 S/m; ε_r = 47.965; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(5.1, 5.1, 5.1); Calibrated: 2019-02-25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = -2.0, 23.4
- Electronics: DAE4 Sn1374; Calibrated: 2018-09-18
- Phantom: ELI v5.0 Left ; Type: ELI V5.0 ; Serial: TP:1239
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7373)

Configuration/Body/Area Scan (6x19x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 13.5 W/kg

Configuration/Body/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 5.711 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 41.5 W/kg
SAR(1 g) = 5.18 W/kg; SAR(10 g) = 1.05 W/kg
Maximum value of SAR (measured) = 18.6 W/kg



0 dB = 18.6 W/kg = 12.70 dBW/kg

Date: 2019-04-23

Test Laboratory: SGS-SAR Lab

YAL-L21 Bluetooth 10CH Left tilted

DUT: YAL-L21; Type: Smart Phone; Serial: NXE119320000087

Communication System: UID 0, Bluetooth (0); Frequency: 2412 MHz;Duty Cycle: 1:1

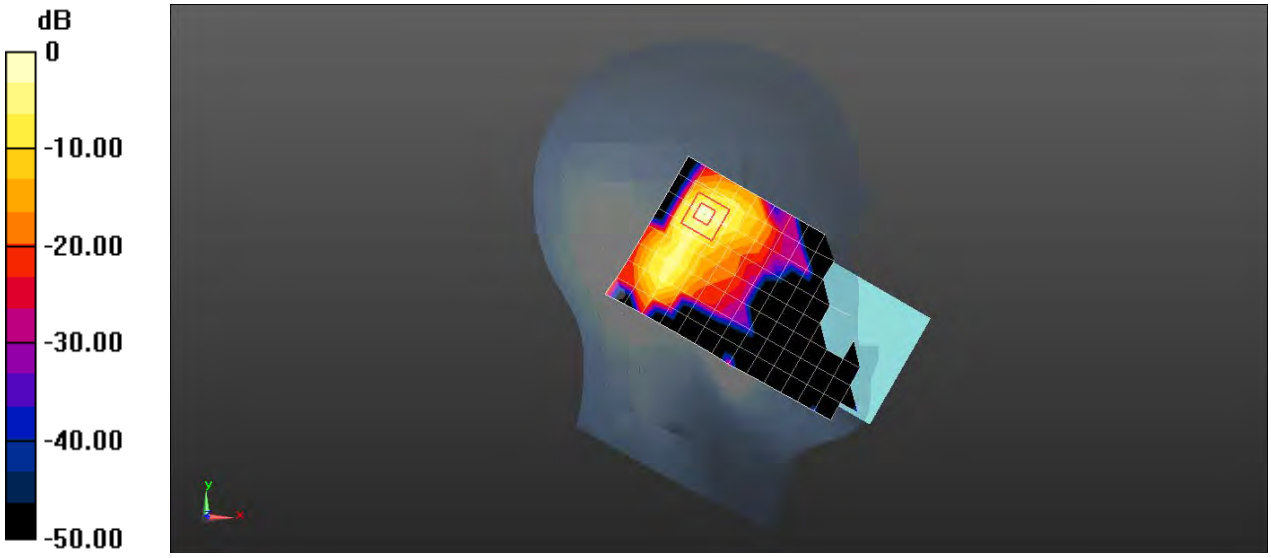
Medium: HSL2450;Medium parameters used: f = 2412 MHz; σ = 1.74 S/m; ε_r = 40.88; ρ = 1000 kg/m^3
Phantom section: Left Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(7.86, 7.86, 7.86); Calibrated: 2018-09-30;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = -2.0, 31.0
- Electronics: DAE4 Sn1428; Calibrated: 2019-01-11
- Phantom: SAM 3; Type: SAM; Serial: 1912
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Head/Area Scan (9x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.191 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.917 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.256 W/kg
SAR(1 g) = 0.099 W/kg; SAR(10 g) = 0.034 W/kg
Maximum value of SAR (measured) = 0.198 W/kg



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

Date: 2019-04-17

Test Laboratory: SGS-SAR Lab

YAL-L21 Bluetooth 5CH Back side 15mm

DUT: YAL-L21; Type: Smart Phone; Serial: NXE119320000087

Communication System: UID 0, Bluetooth (0); Frequency: 2407 MHz;Duty Cycle: 1:1

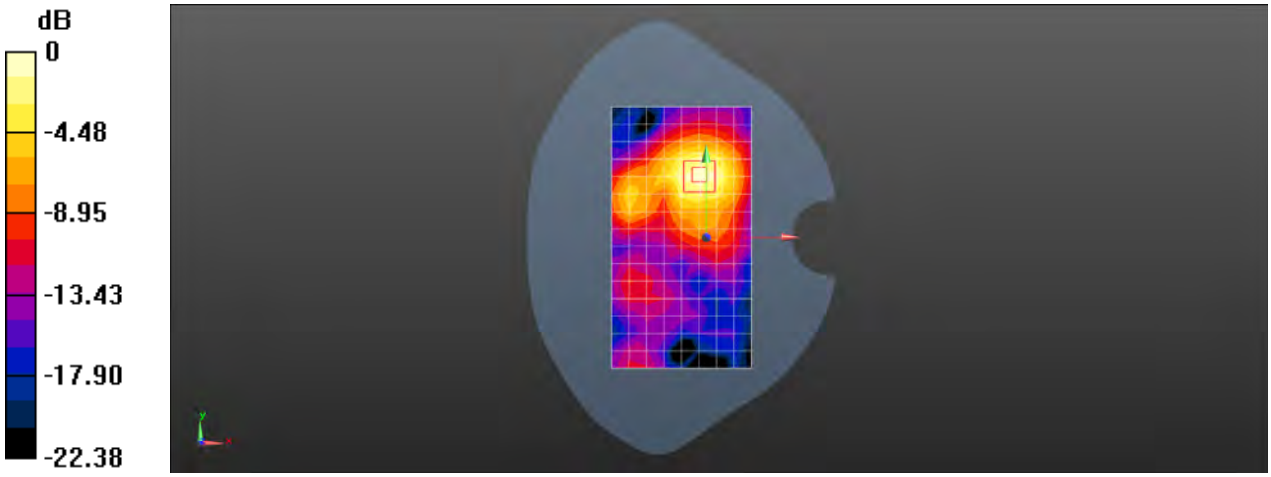
Medium: MSL2450;Medium parameters used: f = 2407 MHz; σ = 1.913 S/m; ε_r = 52.876; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.12, 7.12, 7.12); Calibrated: 2019-03-25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = -2.0, 31.0
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (9x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.103 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.140 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.124 W/kg
SAR(1 g) = 0.071 W/kg; SAR(10 g) = 0.039 W/kg
Maximum value of SAR (measured) = 0.104 W/kg



0 dB = 0.104 W/kg = -9.83 dBW/kg

Date: 2019-04-17

Test Laboratory: SGS-SAR Lab

YAL-L21 Bluetooth 5CH Top side 10mm with Battery 2

DUT: YAL-L21; Type: Smart Phone; Serial: NXE119320000003

Communication System: UID 0, Bluetooth (0); Frequency: 2407 MHz;Duty Cycle: 1:1

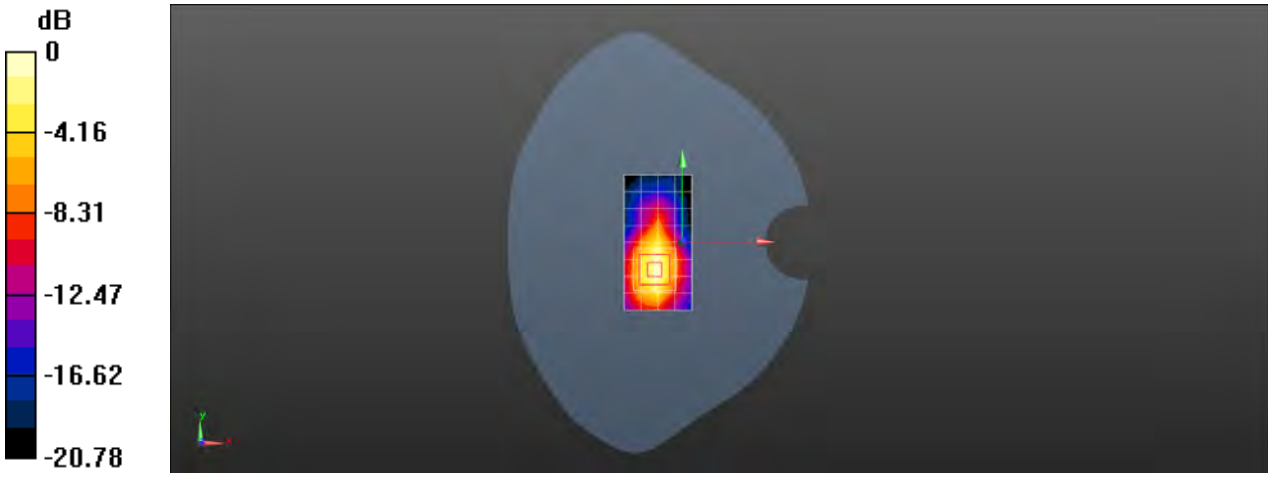
Medium: MSL2450;Medium parameters used: f = 2407 MHz; σ = 1.913 S/m; ε_r = 52.876; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3793; ConvF(7.12, 7.12, 7.12); Calibrated: 2019-03-25;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), z = -2.0, 31.0
- Electronics: DAE4 Sn896; Calibrated: 2018-11-08
- Phantom: SAM 2; Type: SAM; Serial: 1913
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (5x9x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.388 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.678 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.506 W/kg
SAR(1 g) = 0.268 W/kg; SAR(10 g) = 0.130 W/kg
Maximum value of SAR (measured) = 0.427 W/kg



0 dB = 0.427 W/kg = -3.70 dBW/kg