Appendix B
Detailed Test Results

1. WIFI
WIFI 2.4G for Body
WIFI 5G for Body
2. BT
BT for Body

Date: 2023-03-10

Test Laboratory: SGS-SAR Lab

WLAN2.4G 802.11b 6CH Back side 0mm Ant0

DUT: 23043RP34G; Type: mobile pad; Serial: a437d383

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2437 MHz;Duty Cycle: 1:1

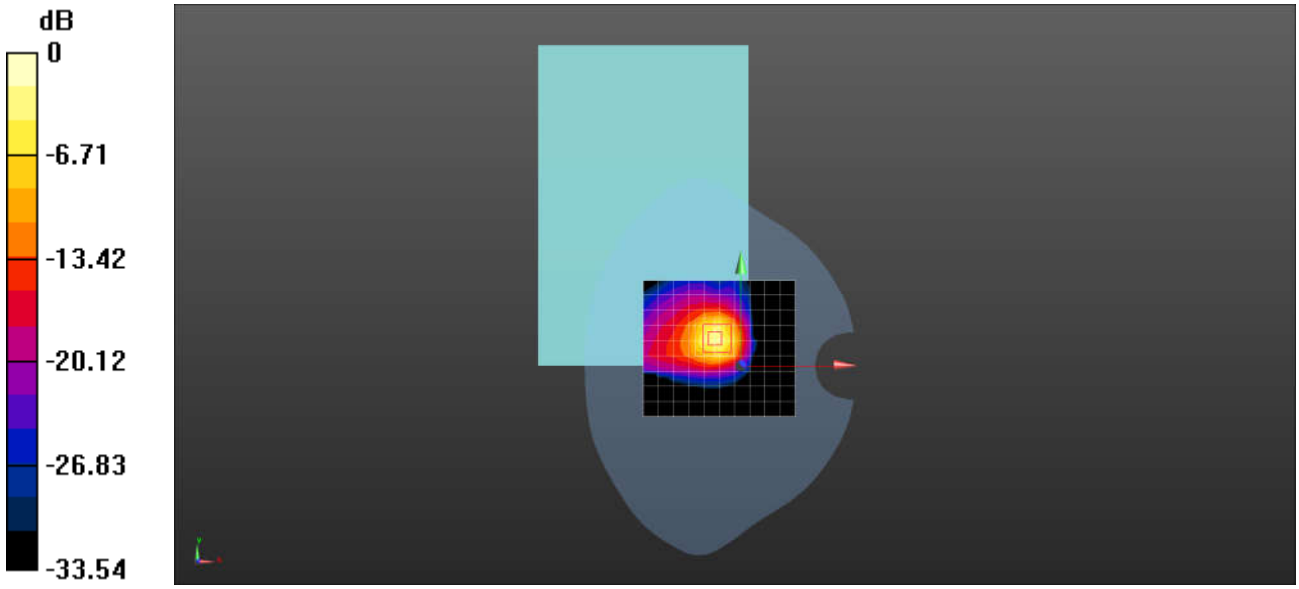
Medium: HSL2450;Medium parameters used: f = 2437 MHz; σ = 1.761 S/m; ε_r = 40.163; ρ = 920 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7735; ConvF(8.2, 8.2, 8.2); Calibrated: 2022-08-09
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2022-04-27
- Phantom: SAM 3; Type: QD000P40CD; Serial: TP:1770
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (11x10x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 1.34 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.667 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 2.69 W/kg
SAR(1 g) = 0.857 W/kg; SAR(10 g) = 0.307 W/kg
Maximum value of SAR (measured) = 2.01 W/kg



0 dB = 2.01 W/kg = 3.03 dBW/kg

Date: 2023-03-10

Test Laboratory: SGS-SAR Lab

WLAN2.4G 802.11b 6CH Left side 0mm Ant1

DUT: 23043RP34G; Type: mobile pad; Serial: a437d383

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2437 MHz;Duty Cycle: 1:1

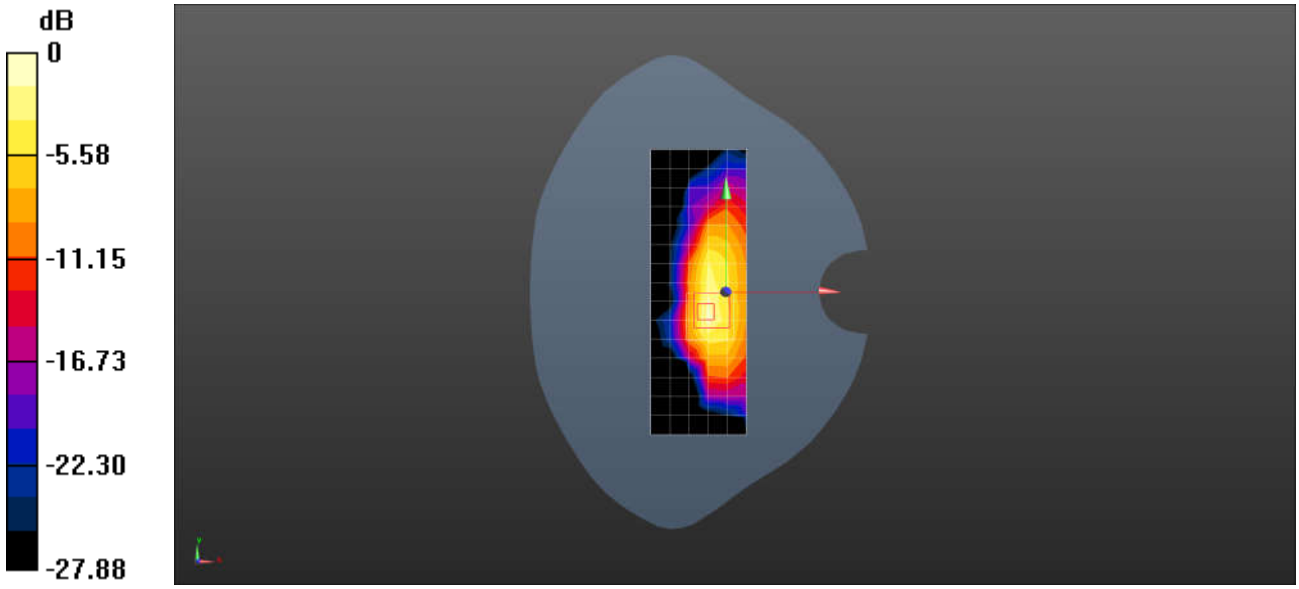
Medium: HSL2450;Medium parameters used: f = 2437 MHz; σ = 1.761 S/m; ε_r = 40.163; ρ = 920 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7735; ConvF(8.2, 8.2, 8.2); Calibrated: 2022-08-09
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2022-04-27
- Phantom: SAM 3; Type: QD000P40CD; Serial: TP:1770
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (6x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.722 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 15.76 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 1.22 W/kg
SAR(1 g) = 0.489 W/kg; SAR(10 g) = 0.222 W/kg
Maximum value of SAR (measured) = 0.869 W/kg



0 dB = 0.869 W/kg = -0.61 dBW/kg

Date: 2023-03-10

Test Laboratory: SGS-SAR Lab

WLAN2.4G 802.11b 6CH Back side 0mm MIMO

DUT: 23043RP34G; Type: mobile pad; Serial: a437d383

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2437 MHz;Duty Cycle: 1:1

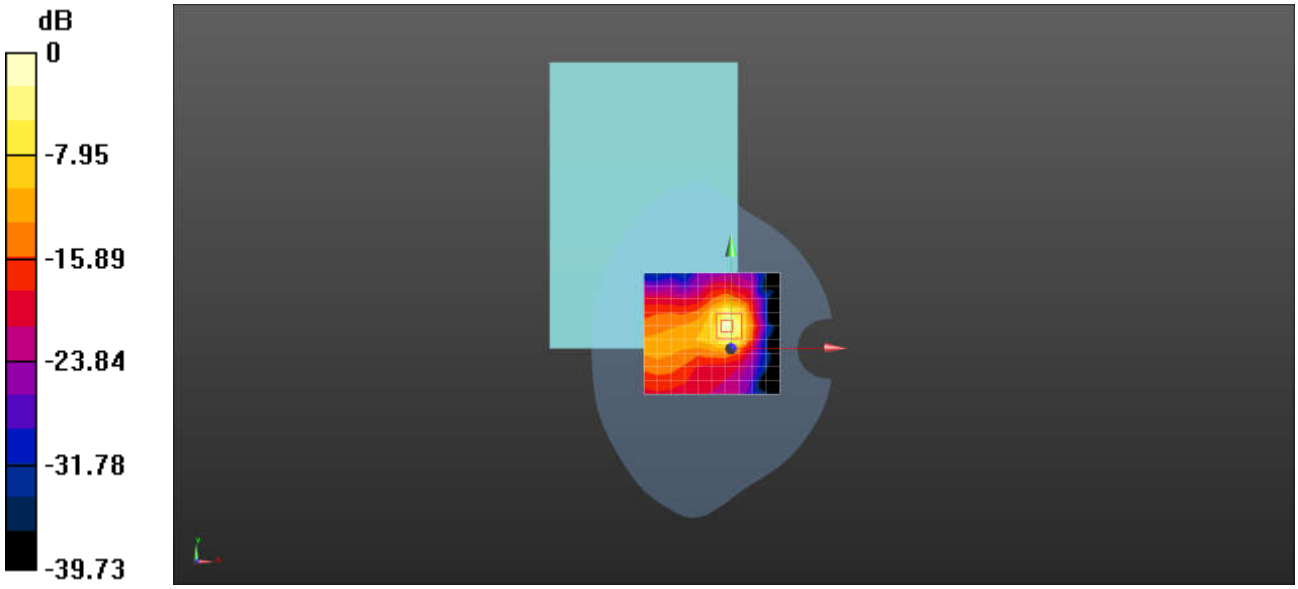
Medium: HSL2450;Medium parameters used: f = 2437 MHz; σ = 1.761 S/m; ε_r = 40.163; ρ = 920 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7735; ConvF(8.2, 8.2, 8.2); Calibrated: 2022-08-09
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2022-04-27
- Phantom: SAM 3; Type: QD000P40CD; Serial: TP:1770
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (11x10x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 1.57 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 8.283 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 2.33 W/kg
SAR(1 g) = 0.726 W/kg; SAR(10 g) = 0.268 W/kg
Maximum value of SAR (measured) = 1.66 W/kg



0 dB = 1.66 W/kg = 2.20 dBW/kg

Date: 2023-03-11

Test Laboratory: SGS-SAR Lab

WLAN5G 802.11a 60CH Back side 0mm Ant0

DUT: 23043RP34G; Type: mobile pad; Serial: a437d383

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5300 MHz;Duty Cycle: 1:1.005

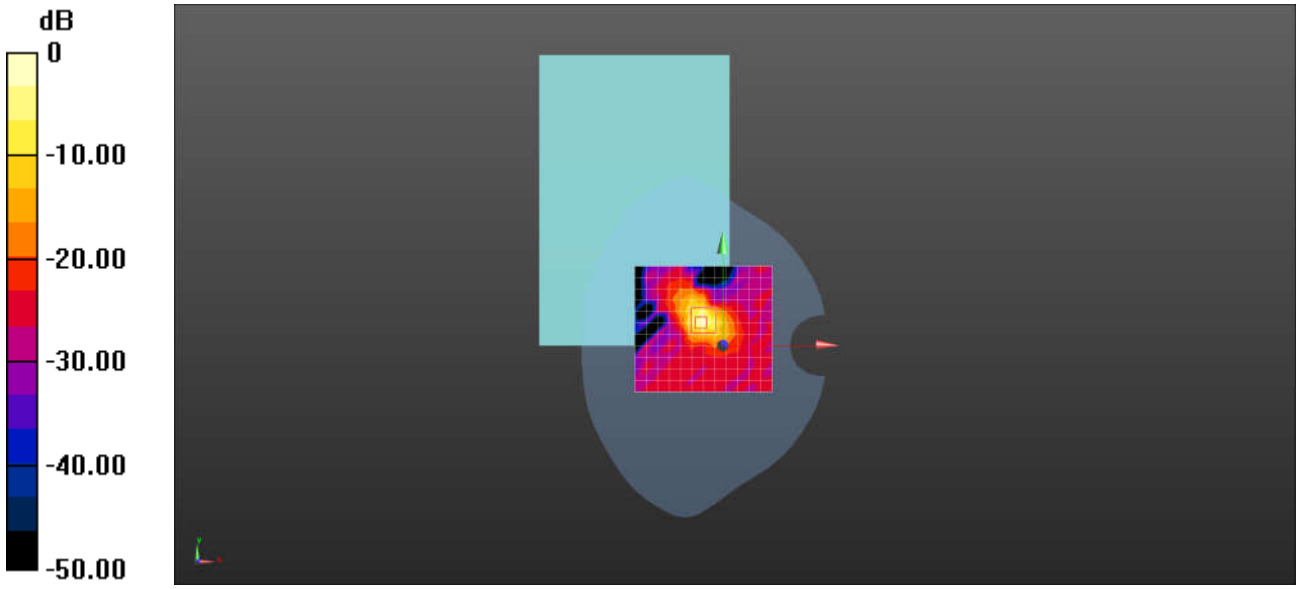
Medium: HSL5000;Medium parameters used: f = 5300 MHz; σ = 4.791 S/m; ε_r = 35.456; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7735; ConvF(5.3, 5.3, 5.3); Calibrated: 2022-08-09
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2022-04-27
- Phantom: SAM 3; Type: QD000P40CD; Serial: TP:1770
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (13x12x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 2.29 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 1.528 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 4.26 W/kg
SAR(1 g) = 0.910 W/kg; SAR(10 g) = 0.210 W/kg
Maximum value of SAR (measured) = 2.41 W/kg



0 dB = 2.41 W/kg = 3.82 dBW/kg

Date: 2023-03-13

Test Laboratory: SGS-SAR Lab

WLAN5G 802.11a 116CH Back side 0mm Ant0

DUT: 23043RP34G; Type: mobile pad; Serial: a437d383

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5580 MHz;Duty Cycle: 1:1.005

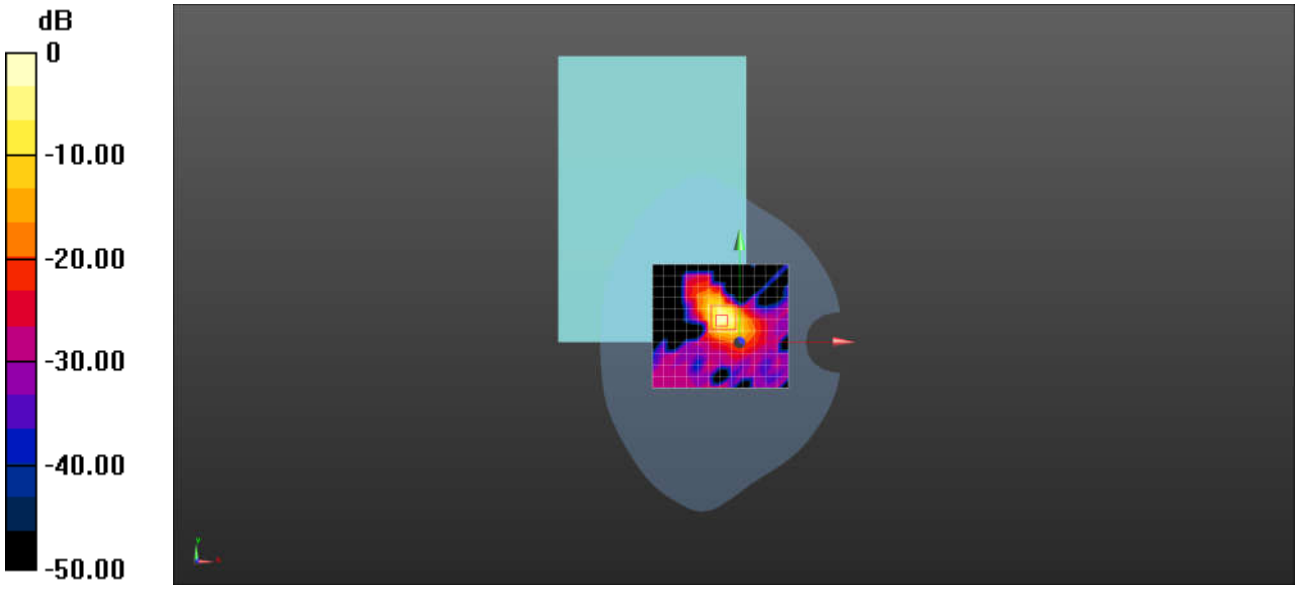
Medium: HSL5000;Medium parameters used: f = 5580 MHz; σ = 5.177 S/m; ε_r = 34.997; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7735; ConvF(4.75, 4.75, 4.75); Calibrated: 2022-08-09
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2022-04-27
- Phantom: SAM 3; Type: QD000P40CD; Serial: TP:1770
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (13x12x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 2.74 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 1.652 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 4.38 W/kg
SAR(1 g) = 0.931 W/kg; SAR(10 g) = 0.228 W/kg
Maximum value of SAR (measured) = 2.47 W/kg



0 dB = 2.47 W/kg = 3.93 dBW/kg

Date: 2023-03-15

Test Laboratory: SGS-SAR Lab

WLAN5G 802.11a 157CH Back side 15mm Ant0

DUT: 23043RP34G; Type: mobile pad; Serial: a437d383

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5785 MHz;Duty Cycle: 1:1.005

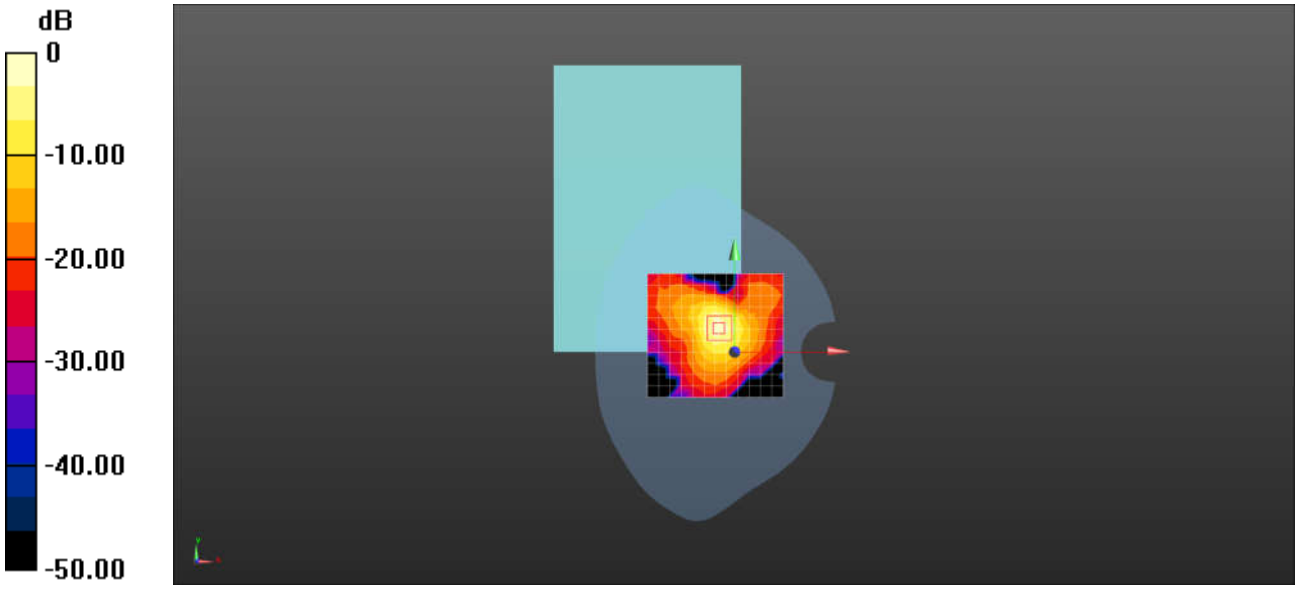
Medium: HSL5000;Medium parameters used: f = 5785 MHz; σ = 5.452 S/m; ε_r = 34.495; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7735; ConvF(4.8, 4.8, 4.8); Calibrated: 2022-08-09
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2022-04-27
- Phantom: SAM 3; Type: QD000P40CD; Serial: TP:1770
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (13x12x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.51 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 6.726 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 2.83 W/kg
SAR(1 g) = 0.715 W/kg; SAR(10 g) = 0.230 W/kg
Maximum value of SAR (measured) = 1.77 W/kg



0 dB = 1.77 W/kg = 2.48 dBW/kg

Date: 2023-03-11

Test Laboratory: SGS-SAR Lab

WLAN5G 802.11a 52CH Top side 0mm Ant2

DUT: 23043RP34G; Type: mobile pad; Serial: a437d383

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5260 MHz;Duty Cycle: 1:1.005

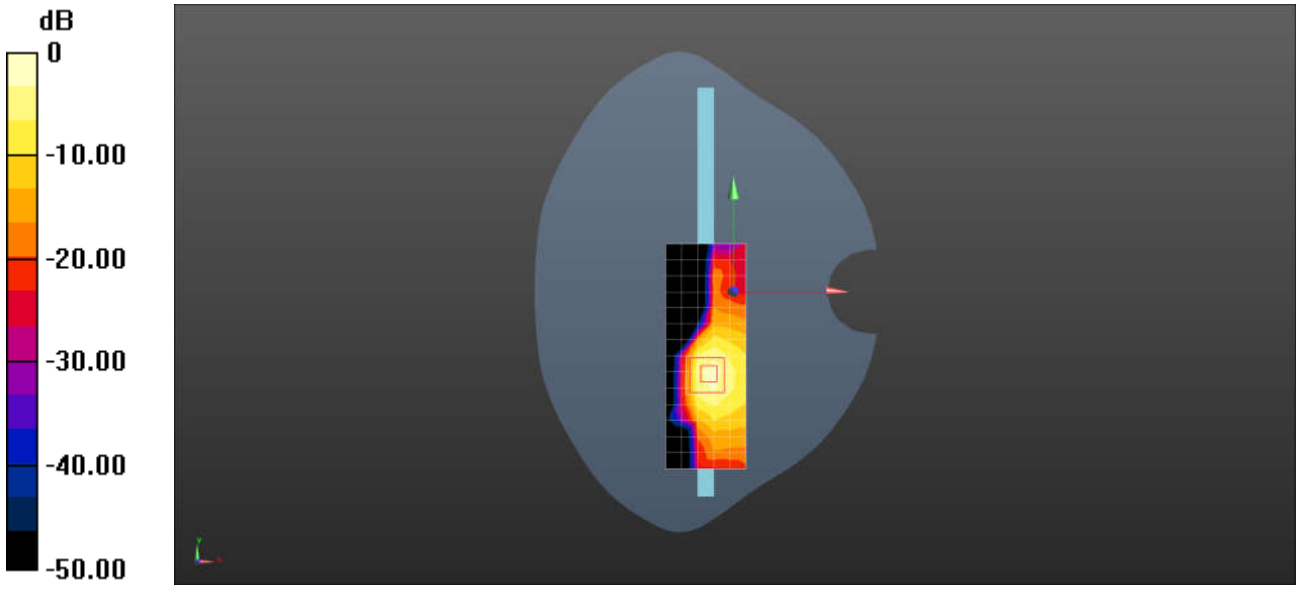
Medium: HSL5000;Medium parameters used: f = 5260 MHz; σ = 4.733 S/m; ε_r = 35.532; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7735; ConvF(5.3, 5.3, 5.3); Calibrated: 2022-08-09
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2022-04-27
- Phantom: SAM 3; Type: QD000P40CD; Serial: TP:1770
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (6x15x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.51 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 1.799 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 3.38 W/kg
SAR(1 g) = 0.812 W/kg; SAR(10 g) = 0.235 W/kg
Maximum value of SAR (measured) = 2.02 W/kg



0 dB = 2.02 W/kg = 3.05 dBW/kg

Date: 2023-03-13

Test Laboratory: SGS-SAR Lab

WLAN5G 802.11a 116CH Top side 0mm Ant2

DUT: 23043RP34G; Type: mobile pad; Serial: a437d383

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5580 MHz;Duty Cycle: 1:1.005

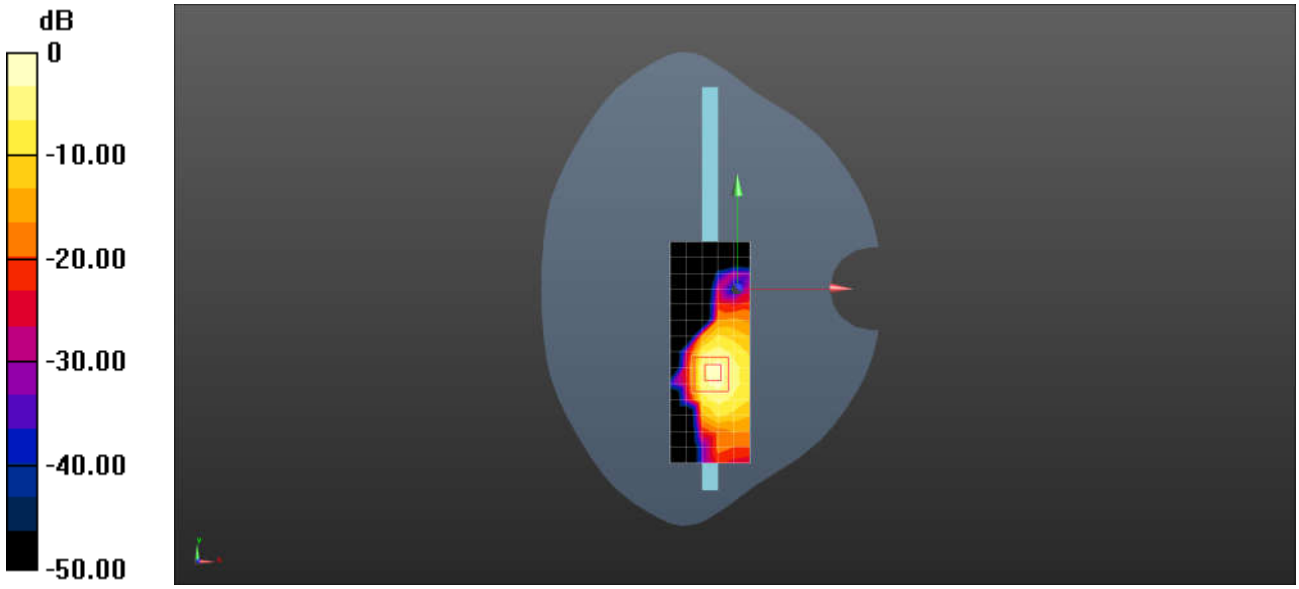
Medium: HSL5000;Medium parameters used: f = 5580 MHz; σ = 5.177 S/m; ε_r = 34.997; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7735; ConvF(4.75, 4.75, 4.75); Calibrated: 2022-08-09
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2022-04-27
- Phantom: SAM 3; Type: QD000P40CD; Serial: TP:1770
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (6x15x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.55 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 0 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 3.65 W/kg
SAR(1 g) = 0.858 W/kg; SAR(10 g) = 0.249 W/kg
Maximum value of SAR (measured) = 2.18 W/kg



0 dB = 2.18 W/kg = 3.38 dBW/kg

Date: 2023-03-15

Test Laboratory: SGS-SAR Lab

WLAN5G 802.11a 165CH Top side 0mm Ant2

DUT: 23043RP34G; Type: mobile pad; Serial: a437d383

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5825 MHz;Duty Cycle: 1:1.005

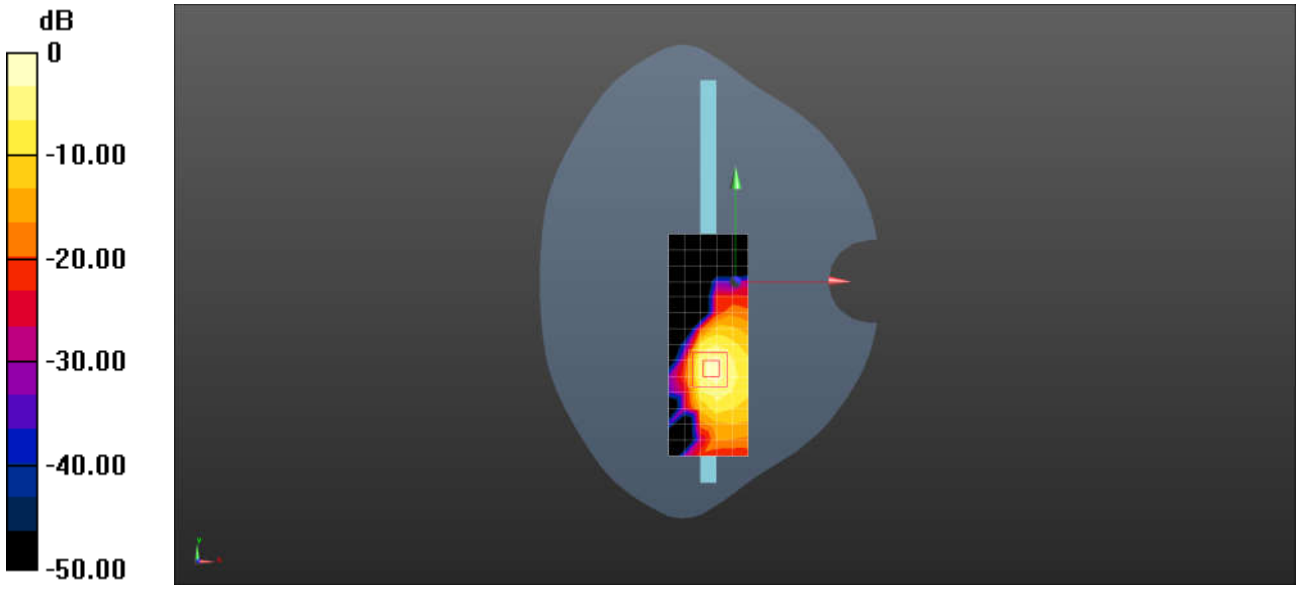
Medium: HSL5000;Medium parameters used: f = 5825 MHz; σ = 5.478 S/m; ε_r = 34.465; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7735; ConvF(4.8, 4.8, 4.8); Calibrated: 2022-08-09
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2022-04-27
- Phantom: SAM 3; Type: QD000P40CD; Serial: TP:1770
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (6x15x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.66 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 0 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 4.36 W/kg
SAR(1 g) = 0.919 W/kg; SAR(10 g) = 0.273 W/kg
Maximum value of SAR (measured) = 2.52 W/kg



0 dB = 2.52 W/kg = 4.01 dBW/kg

Date: 2023-03-11

Test Laboratory: SGS-SAR Lab

WLAN5G 802.11a 60CH Back side 15mm MIMO

DUT: 23043RP34G; Type: mobile pad; Serial: a437d383

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5300 MHz;Duty Cycle: 1:1.005

Medium: HSL5000;Medium parameters used: f = 5300 MHz; σ = 4.791 S/m; ε_r = 35.456; ρ = 1000 kg/m^3

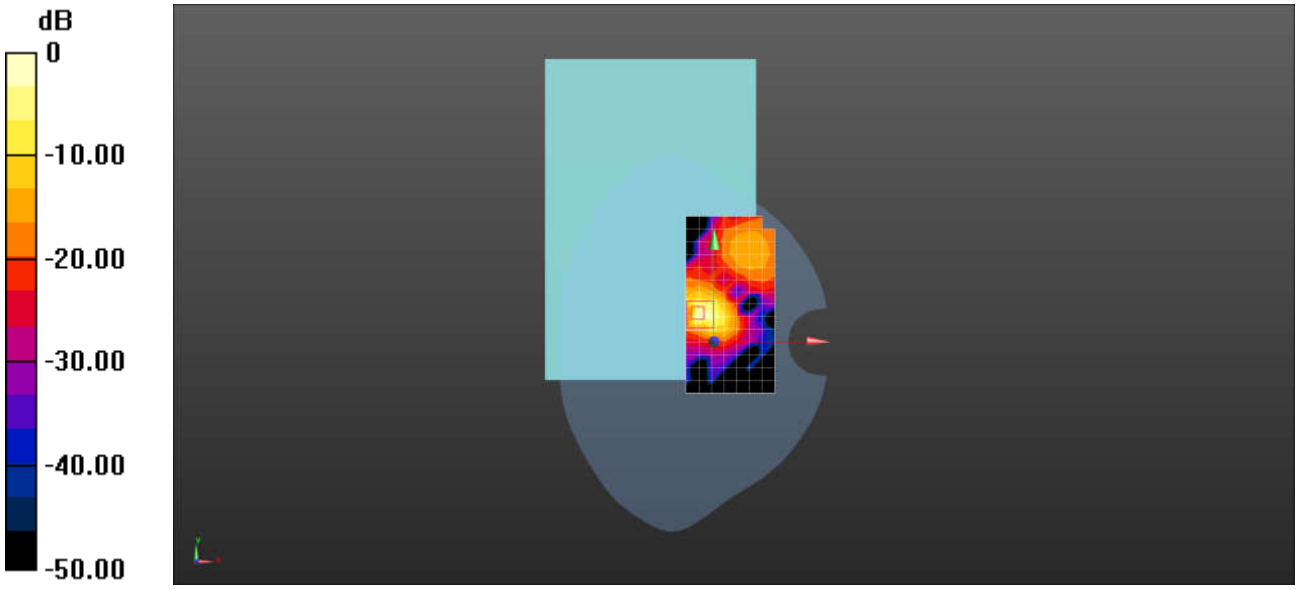
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7735; ConvF(5.3, 5.3, 5.3); Calibrated: 2022-08-09
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2022-04-27
- Phantom: SAM 3; Type: QD000P40CD; Serial: TP:1770
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (8x15x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 2.52 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 1.476 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 4.13 W/kg
SAR(1 g) = 0.871 W/kg; SAR(10 g) = 0.218 W/kg
Maximum value of SAR (measured) = 2.47 W/kg



0 dB = 2.47 W/kg = 3.93 dBW/kg

Date: 2023-03-13

Test Laboratory: SGS-SAR Lab

WLAN5G 802.11a 116CH Back side 0mm MIMO

DUT: 23043RP34G; Type: mobile pad; Serial: a437d383

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5580 MHz;Duty Cycle: 1:1.005

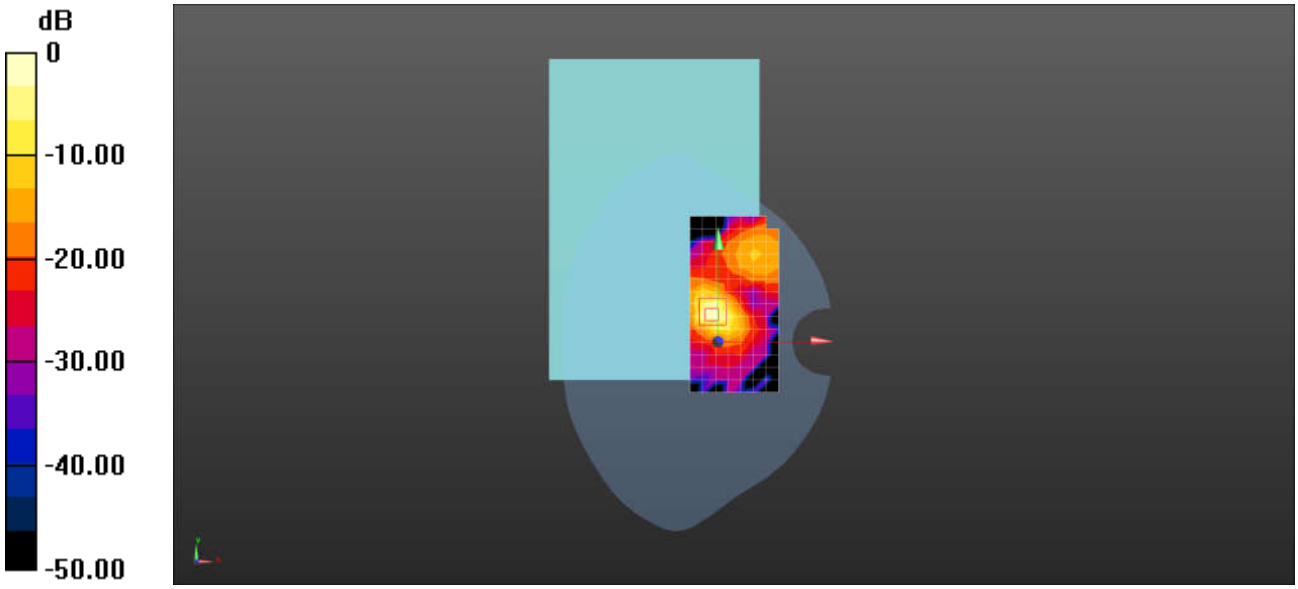
Medium: HSL5000;Medium parameters used: f = 5580 MHz; σ = 5.177 S/m; ε_r = 34.997; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7735; ConvF(4.75, 4.75, 4.75); Calibrated: 2022-08-09
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2022-04-27
- Phantom: SAM 3; Type: QD000P40CD; Serial: TP:1770
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (8x15x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 2.26 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 1.644 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 4.62 W/kg
SAR(1 g) = 0.923 W/kg; SAR(10 g) = 0.259 W/kg
Maximum value of SAR (measured) = 2.59 W/kg



0 dB = 2.59 W/kg = 4.13 dBW/kg

Date: 2023-03-15

Test Laboratory: SGS-SAR Lab

WLAN5G 802.11a 157CH Back side 0mm MIMO

DUT: 23043RP34G; Type: mobile pad; Serial: a437d383

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5785 MHz;Duty Cycle: 1:1.005

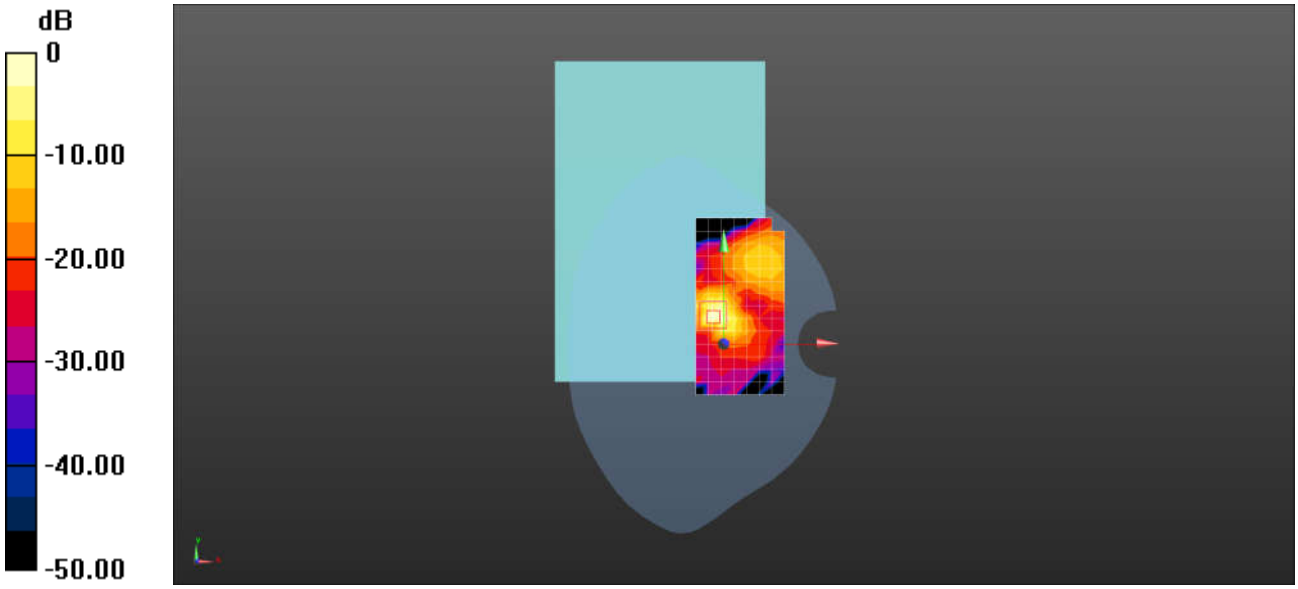
Medium: HSL5000;Medium parameters used: f = 5785 MHz; σ = 5.452 S/m; ε_r = 34.495; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7735; ConvF(4.8, 4.8, 4.8); Calibrated: 2022-08-09
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2022-04-27
- Phantom: SAM 3; Type: QD000P40CD; Serial: TP:1770
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (8x15x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.95 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 1.098 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 3.81 W/kg
SAR(1 g) = 0.761 W/kg; SAR(10 g) = 0.190 W/kg
Maximum value of SAR (measured) = 2.08 W/kg



0 dB = 2.08 W/kg = 3.18 dBW/kg

Date: 2023-03-10

Test Laboratory: SGS-SAR Lab

Bluetooth DH5 39CH Back side 0mm Ant0

DUT: 23043RP34G; Type: mobile pad; Serial: a437d383

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

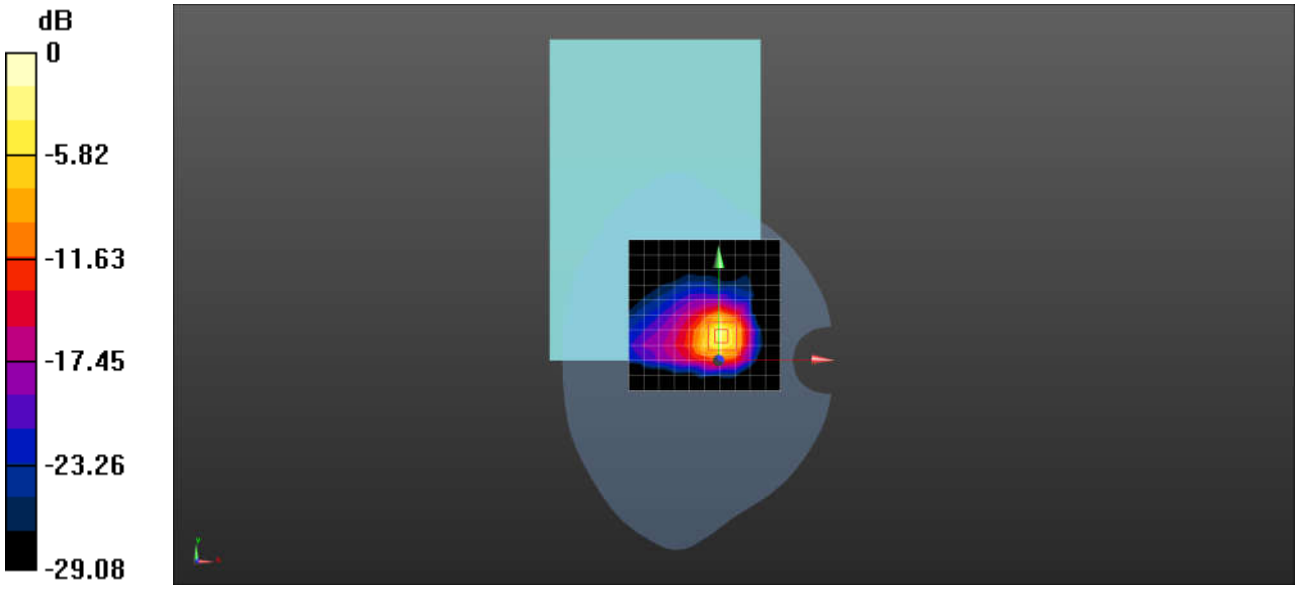
Medium: HSL2450;Medium parameters used: f = 2441 MHz; σ = 1.766 S/m; ε_r = 40.165; ρ = 920 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7735; ConvF(8.2, 8.2, 8.2); Calibrated: 2022-08-09
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2022-04-27
- Phantom: SAM 3; Type: QD000P40CD; Serial: TP:1770
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (11x11x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.756 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.173 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.93 W/kg
SAR(1 g) = 0.579 W/kg; SAR(10 g) = 0.201 W/kg
Maximum value of SAR (measured) = 1.44 W/kg



0 dB = 1.44 W/kg = 1.58 dBW/kg

Date: 2023-03-10

Test Laboratory: SGS-SAR Lab

Bluetooth DH5 39CH Left side 0mm Ant1

DUT: 23043RP34G; Type: mobile pad; Serial: a437d383

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

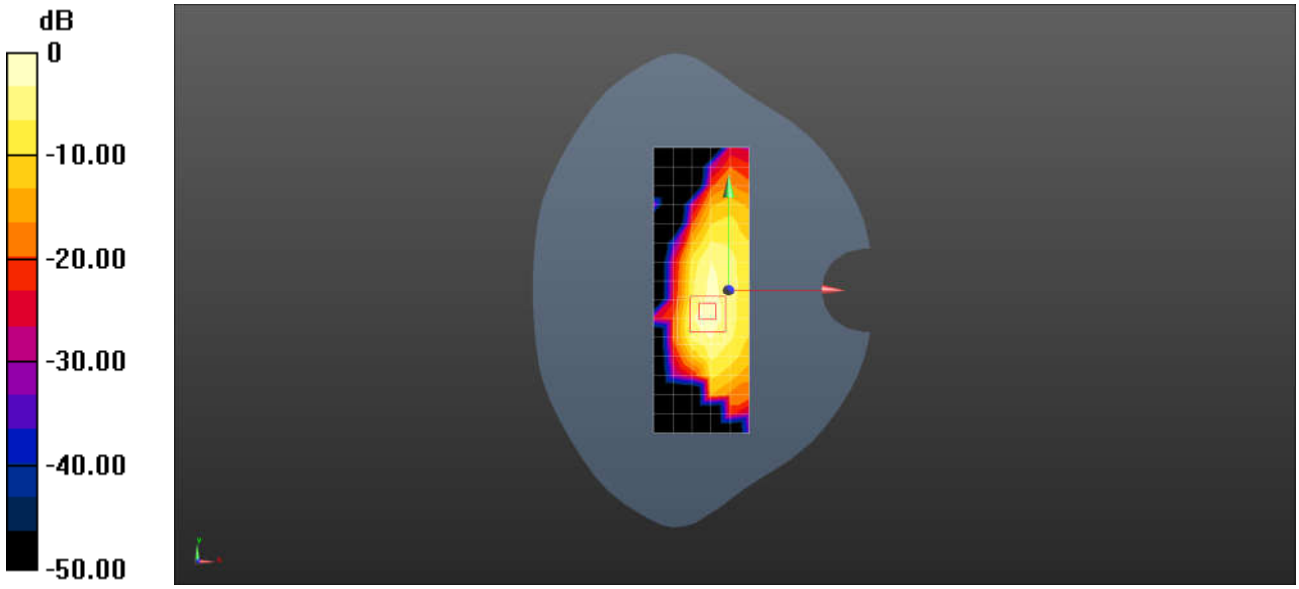
Medium: HSL2450;Medium parameters used: f = 2441 MHz; σ = 1.766 S/m; ε_r = 40.165; ρ = 920 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN7735; ConvF(8.2, 8.2, 8.2); Calibrated: 2022-08-09
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2022-04-27
- Phantom: SAM 3; Type: QD000P40CD; Serial: TP:1770
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (6x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.155 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.537 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.251 W/kg
SAR(1 g) = 0.103 W/kg; SAR(10 g) = 0.045 W/kg
Maximum value of SAR (measured) = 0.183 W/kg



0 dB = 0.183 W/kg = -7.38 dBW/kg