Appendix B
Detailed Test Results

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

Date: 2025/05/02

Test Laboratory: SGS-SAR Lab

Canvance H1 WIFI2.4G 802.11b 6CH Top side 0mm

DUT: Canvance H1; Type: Patient Monitor;

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2437 MHz;Duty Cycle: 1:1.006

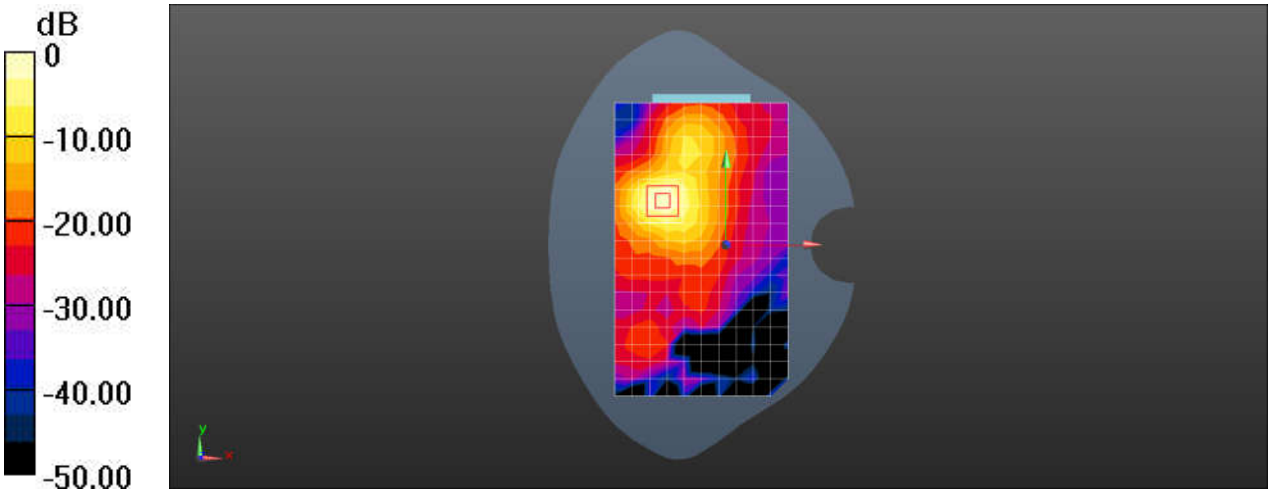
Medium: HSL2450;Medium parameters used: f = 2437 MHz; σ = 1.792 S/m; ε_r = 38.791; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(7.98, 7.98, 7.98); Calibrated: 2024/11/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (11x18x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 1.33 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.290 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 1.98 W/kg
SAR(1 g) = 0.903 W/kg; SAR(10 g) = 0.384 W/kg
Smallest distance from peaks to all points 3 dB below = 8.5 mm
Ratio of SAR at M2 to SAR at M1 = 47.4%
Maximum value of SAR (measured) = 1.55 W/kg



0 dB = 1.33 W/kg = 1.24 dBW/kg

Date: 2025/05/03

Test Laboratory: SGS-SAR Lab

Canvance H1 WIFI5G 802.11n HT40 46CH Top side 0mm

DUT: Canvance H1; Type: Patient Monitor;

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5230 MHz;Duty Cycle: 1:1.093

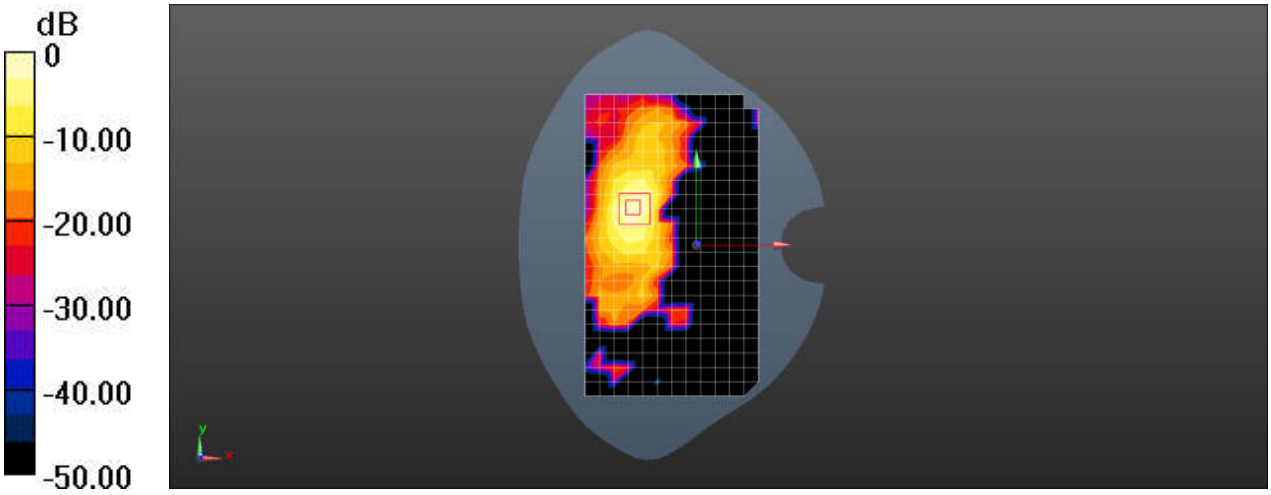
Medium: HSL5G;Medium parameters used: f = 5230 MHz; σ = 4.6 S/m; ε_r = 35.617; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(5.6, 5.6, 5.6); Calibrated: 2024/11/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (13x22x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.656 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 0.2340 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.14 W/kg
SAR(1 g) = 0.293 W/kg; SAR(10 g) = 0.093 W/kg
Smallest distance from peaks to all points 3 dB below = 7.4 mm
Ratio of SAR at M2 to SAR at M1 = 63.4%
Maximum value of SAR (measured) = 0.696 W/kg



0 dB = 0.656 W/kg = -1.83 dBW/kg

Date: 2025/05/03

Test Laboratory: SGS-SAR Lab

Canvance H1 WIFI5G 802.11n HT40 54CH Top side 0mm

DUT: Canvance H1; Type: Patient Monitor;

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5270 MHz;Duty Cycle: 1:1.093

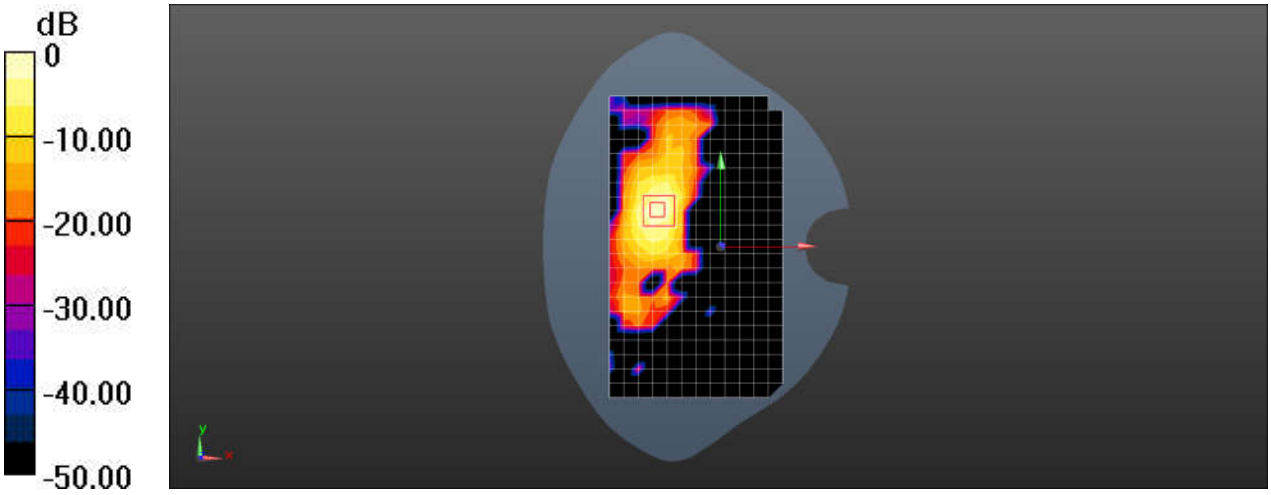
Medium: HSL5G;Medium parameters used: f = 5270 MHz; σ = 4.655 S/m; ε_r = 35.491; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(5.6, 5.6, 5.6); Calibrated: 2024/11/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (13x22x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.449 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 0.1670 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.734 W/kg
SAR(1 g) = 0.191 W/kg; SAR(10 g) = 0.059 W/kg
Smallest distance from peaks to all points 3 dB below = 8.4 mm
Ratio of SAR at M2 to SAR at M1 = 64.4%
Maximum value of SAR (measured) = 0.456 W/kg



0 dB = 0.449 W/kg = -3.48 dBW/kg

Date: 2025/05/04

Test Laboratory: SGS-SAR Lab

Canvance H1 WIFI5G 802.11n HT40 110CH Top side 0mm

DUT: Canvance H1; Type: Patient Monitor;

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5550 MHz;Duty Cycle: 1:1.093

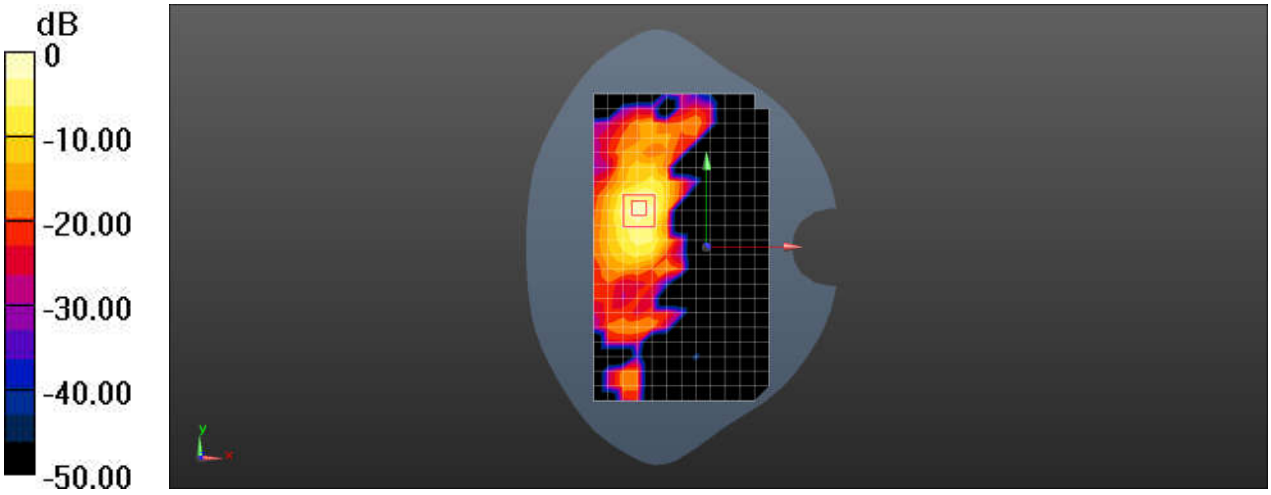
Medium: HSL5G;Medium parameters used: f = 5550 MHz; σ = 4.988 S/m; ε_r = 35.042; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(5, 5, 5); Calibrated: 2024/11/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (13x22x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.41 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) = 2.54 W/kg
SAR(1 g) = 0.603 W/kg; SAR(10 g) = 0.176 W/kg
Smallest distance from peaks to all points 3 dB below = 6.4 mm
Ratio of SAR at M2 to SAR at M1 = 62.9%
Maximum value of SAR (measured) = 1.47 W/kg



0 dB = 1.41 W/kg = 1.49 dBW/kg

Date: 2025/05/05

Test Laboratory: SGS-SAR Lab

Canvance H1 WIFI5G 802.11n HT40 159CH Top side 0mm

DUT: Canvance H1; Type: Patient Monitor;

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5795 MHz;Duty Cycle: 1:1.093

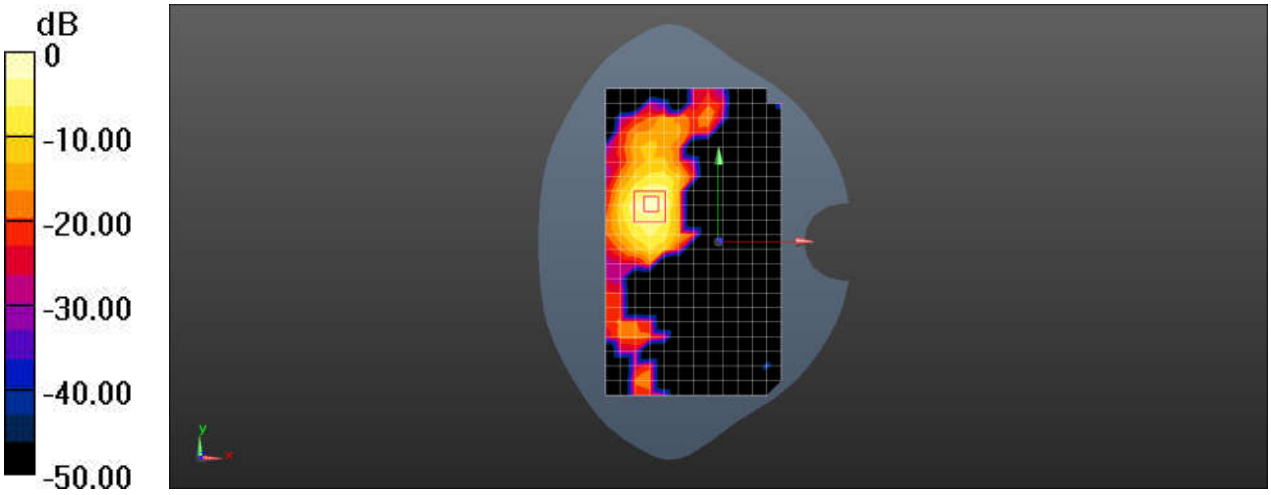
Medium: HSL5G;Medium parameters used: f = 5795 MHz; σ = 5.353 S/m; ε_r = 34.473; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(5.06, 5.06, 5.06); Calibrated: 2024/11/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (13x22x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.05 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 1.219 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 1.79 W/kg
SAR(1 g) = 0.407 W/kg; SAR(10 g) = 0.120 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 61.1%
Maximum value of SAR (measured) = 1.04 W/kg



0 dB = 1.05 W/kg = 0.20 dBW/kg

Date: 2025/05/02

Test Laboratory: SGS-SAR Lab

Canvance H1 Bluetooth DH5 78CH Top side 0mm

DUT: Canvance H1; Type: Patient Monitor;

Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz;Duty Cycle: 1:1.017

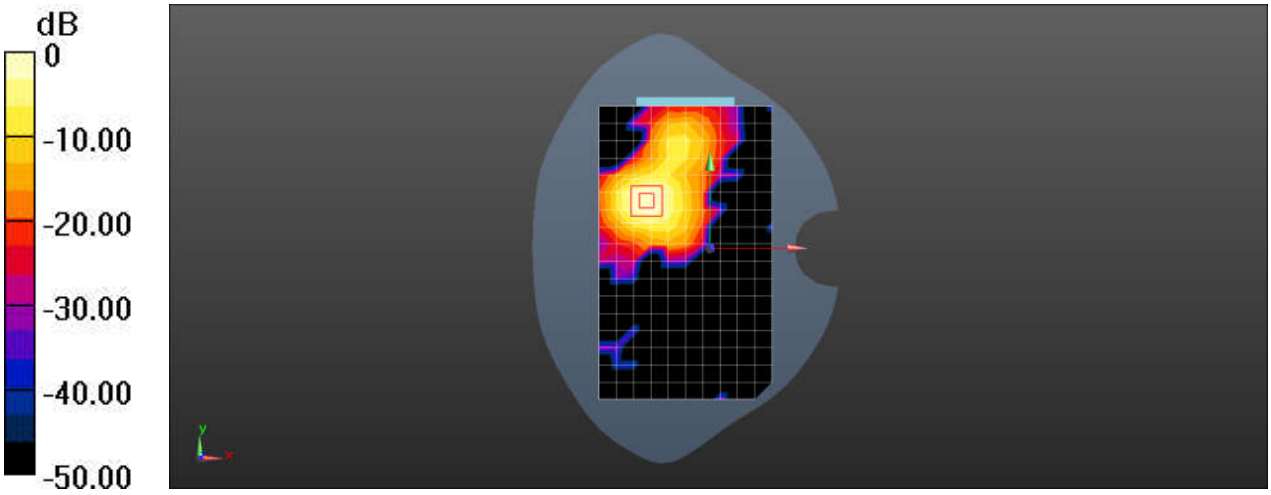
Medium: HSL2450;Medium parameters used: f = 2480 MHz; σ = 1.841 S/m; ε_r = 38.643; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3923; ConvF(7.98, 7.98, 7.98); Calibrated: 2024/11/04
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 2024/06/05
- Phantom: SAM 7; Type: SAM; Serial: 1702
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (11x18x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.234 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.192 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.431 W/kg
SAR(1 g) = 0.191 W/kg; SAR(10 g) = 0.080 W/kg
Smallest distance from peaks to all points 3 dB below = 8.5 mm
Ratio of SAR at M2 to SAR at M1 = 46.3%
Maximum value of SAR (measured) = 0.331 W/kg



0 dB = 0.234 W/kg = -6.31 dBW/kg