Appendix B
Detailed Test Results

1.	WIFI 2.4G
2.	WIFI 5G
3.	Bluetooth

Date: 2024/9/15

Test Laboratory: SGS-SAR Lab

P2W WIFI2.4G 802.11b Ch1 Back side 5mm

DUT: P2W; Type: Pocket Thermal Camera; Serial: NA

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

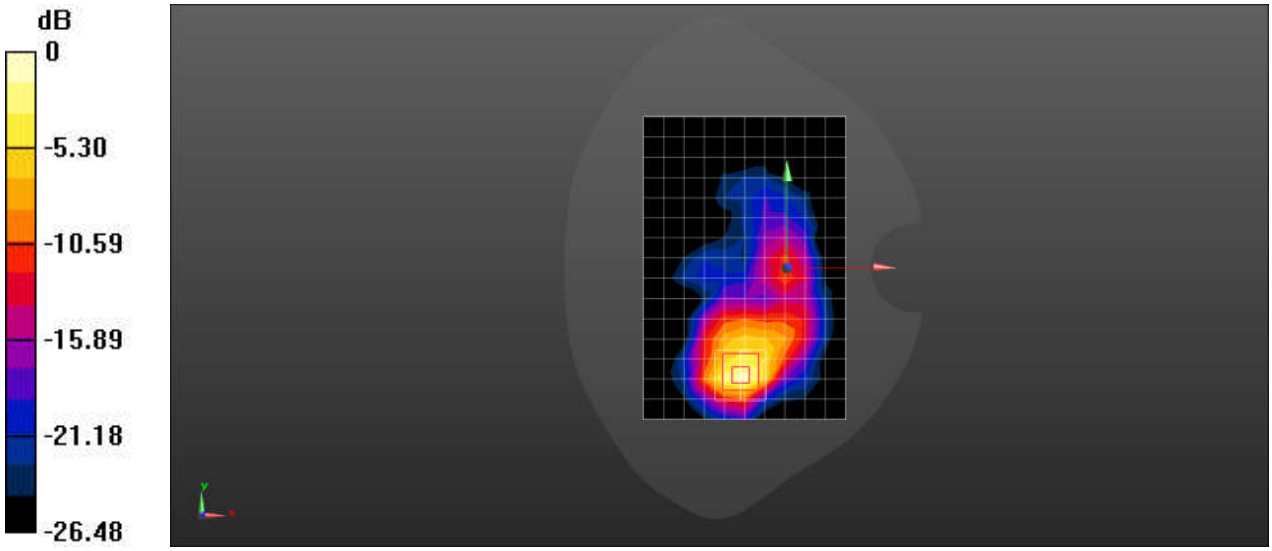
Medium: HSL2450;Medium parameters used: f = 2412 MHz; σ = 1.769 S/m; ε_r = 38.888; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.1, 8.1, 8.1); Calibrated: 2024/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1327; Calibrated: 2023/11/17
- Phantom: SAM 8; Type: SAM; Serial: 1824
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (11x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.661 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.156 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.91 W/kg
SAR(1 g) = 0.386 W/kg; SAR(10 g) = 0.163 W/kg
Maximum value of SAR (measured) = 0.709 W/kg



0 dB = 0.709 W/kg = -1.49 dBW/kg

Date: 2024/10/18

Test Laboratory: SGS-SAR Lab

P2W WIFI5G 802.11a Ch60 Back side 5mm

DUT: P2W; Type: Pocket Thermal Camera; Serial: NA

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

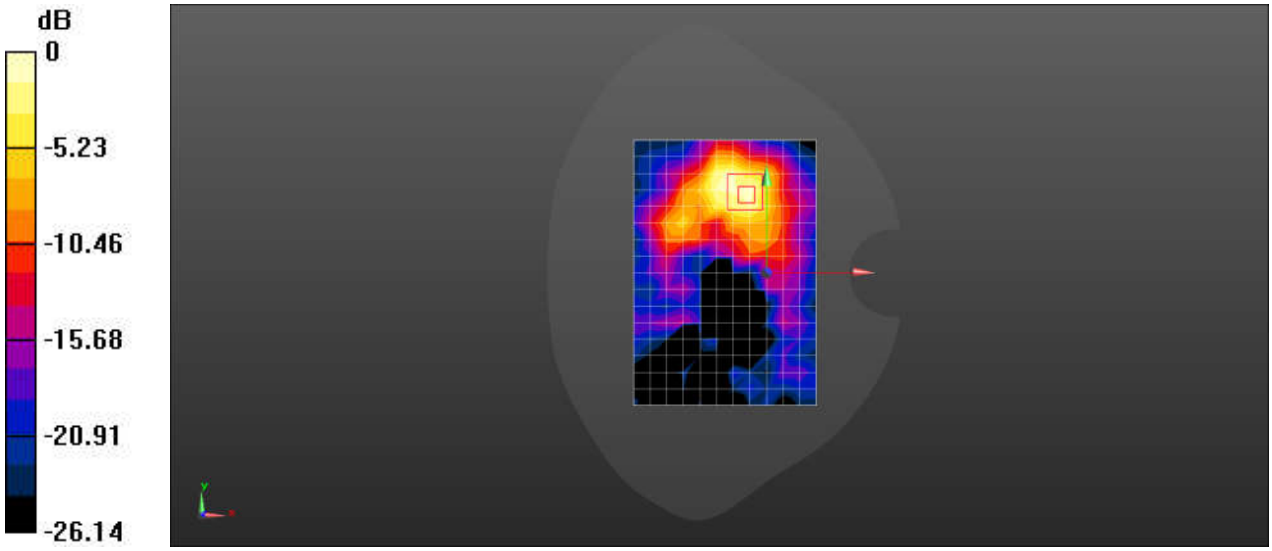
Medium: HSL5000;Medium parameters used: f = 5300 MHz; σ = 4.773 S/m; ε_r = 35.384; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(5.72, 5.72, 5.72); Calibrated: 2024/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1327; Calibrated: 2023/11/17
- Phantom: SAM 8; Type: SAM; Serial: 1824
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (12x17x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 1.39 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 0.413 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 2.22 W/kg
SAR(1 g) = 0.733 W/kg; SAR(10 g) = 0.313 W/kg
Maximum value of SAR (measured) = 1.55 W/kg



0 dB = 1.55 W/kg = 1.90 dBW/kg

Date: 2024/10/18

Test Laboratory: SGS-SAR Lab

P2W WIFI5G 802.11a Ch140 Back side 5mm

DUT: P2W; Type: Pocket Thermal Camera; Serial: NA

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5700 MHz;Duty Cycle: 1:1

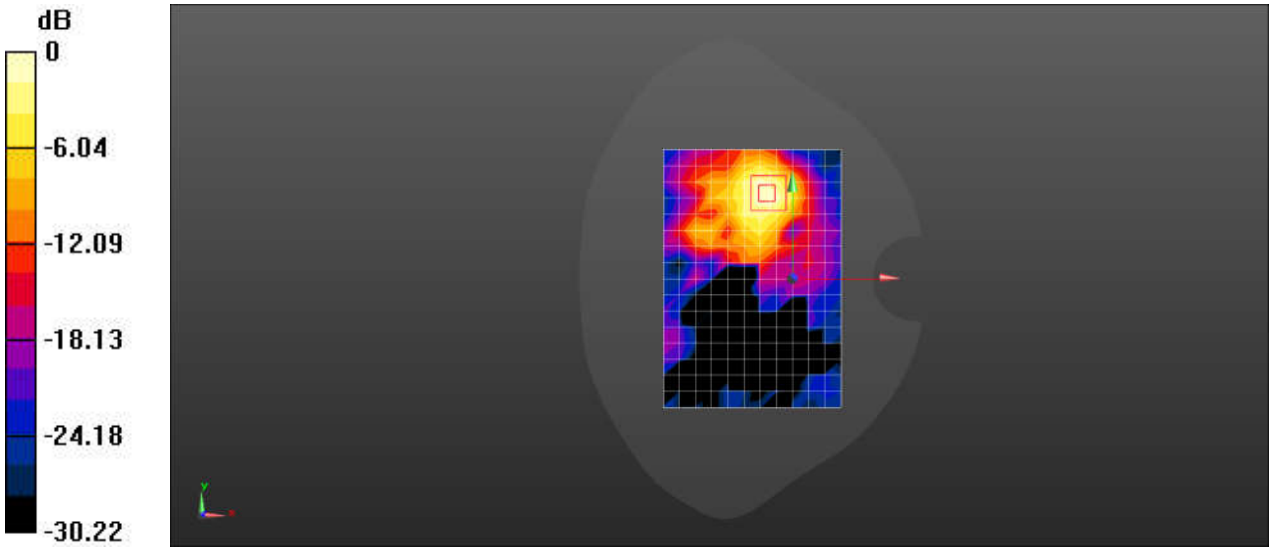
Medium: HSL5000;Medium parameters used: f = 5700 MHz; σ = 5.306 S/m; ε_r = 34.648; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(5.1, 5.1, 5.1); Calibrated: 2024/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1327; Calibrated: 2023/11/17
- Phantom: SAM 8; Type: SAM; Serial: 1824
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (12x17x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.773 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 1.635 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.31 W/kg
SAR(1 g) = 0.450 W/kg; SAR(10 g) = 0.177 W/kg
Maximum value of SAR (measured) = 0.929 W/kg



0 dB = 0.929 W/kg = -0.32 dBW/kg

Date: 2024/10/18

Test Laboratory: SGS-SAR Lab

P2W WIFI5G 802.11a Ch157 Back side 5mm

DUT: P2W; Type: Pocket Thermal Camera; Serial: NA

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

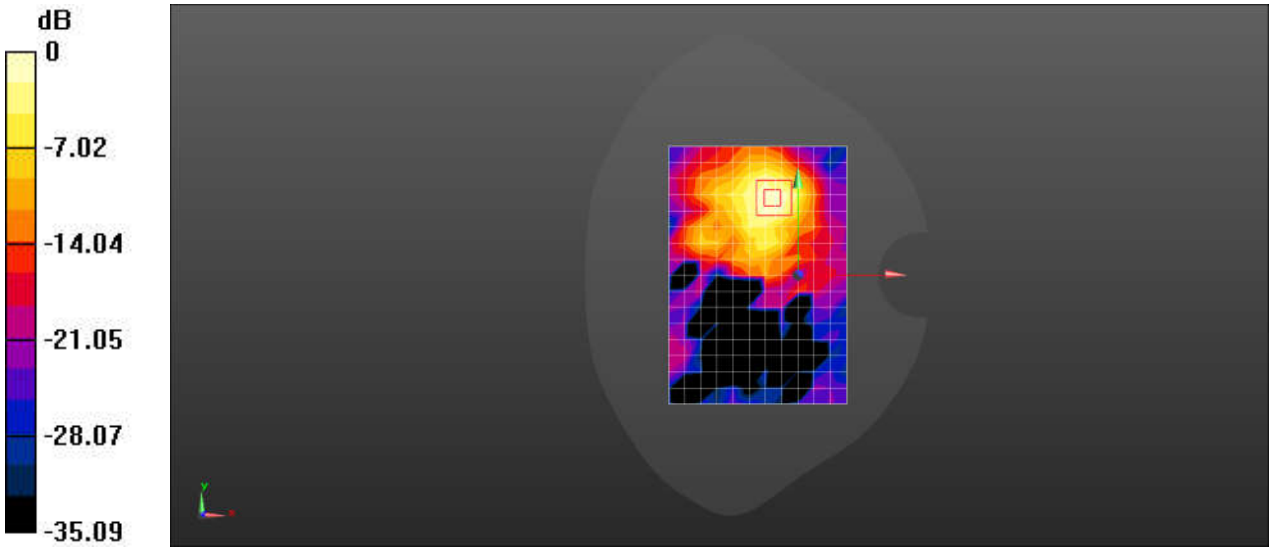
Medium: HSL5000;Medium parameters used: f = 5785 MHz; σ = 5.432 S/m; ε_r = 34.423; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(5.23, 5.23, 5.23); Calibrated: 2024/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1327; Calibrated: 2023/11/17
- Phantom: SAM 8; Type: SAM; Serial: 1824
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (12x17x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 0.826 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 2.94 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.33 W/kg
SAR(1 g) = 0.453 W/kg; SAR(10 g) = 0.177 W/kg
Maximum value of SAR (measured) = 0.939 W/kg



0 dB = 0.939 W/kg = -0.27 dBW/kg

Date: 2024/9/15

Test Laboratory: SGS-SAR Lab

P2W Bluetooth DH5 Ch78 Back side 5mm

DUT: P2W; Type: Pocket Thermal Camera; Serial: NA

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

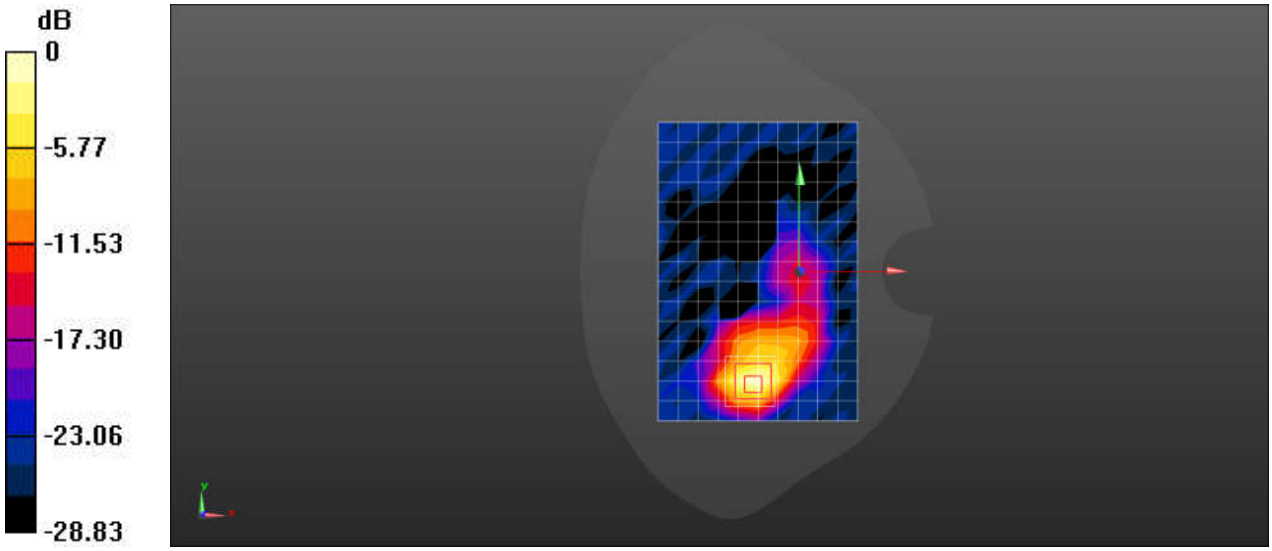
Medium: HSL2450;Medium parameters used: f = 2480 MHz; σ = 1.841 S/m; ε_r = 38.643; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3982; ConvF(8.1, 8.1, 8.1); Calibrated: 2024/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1327; Calibrated: 2023/11/17
- Phantom: SAM 8; Type: SAM; Serial: 1824
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (11x16x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.259 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 0.442 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.338 W/kg
SAR(1 g) = 0.141 W/kg; SAR(10 g) = 0.055 W/kg
Maximum value of SAR (measured) = 0.256 W/kg



0 dB = 0.256 W/kg = -5.92 dBW/kg