Appendix B
Detailed Test Results

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

Date: 2023-01-07

Test Laboratory: SGS-SAR Lab

Lenovo TB-X6E6F WLAN2.4G 802.11b 6CH Back side 0mm

DUT: Lenovo TB-X6E6F; Type: Portable Tablet Computer; Serial: HA1RNMSZ

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2437 MHz;Duty Cycle: 1:1.018

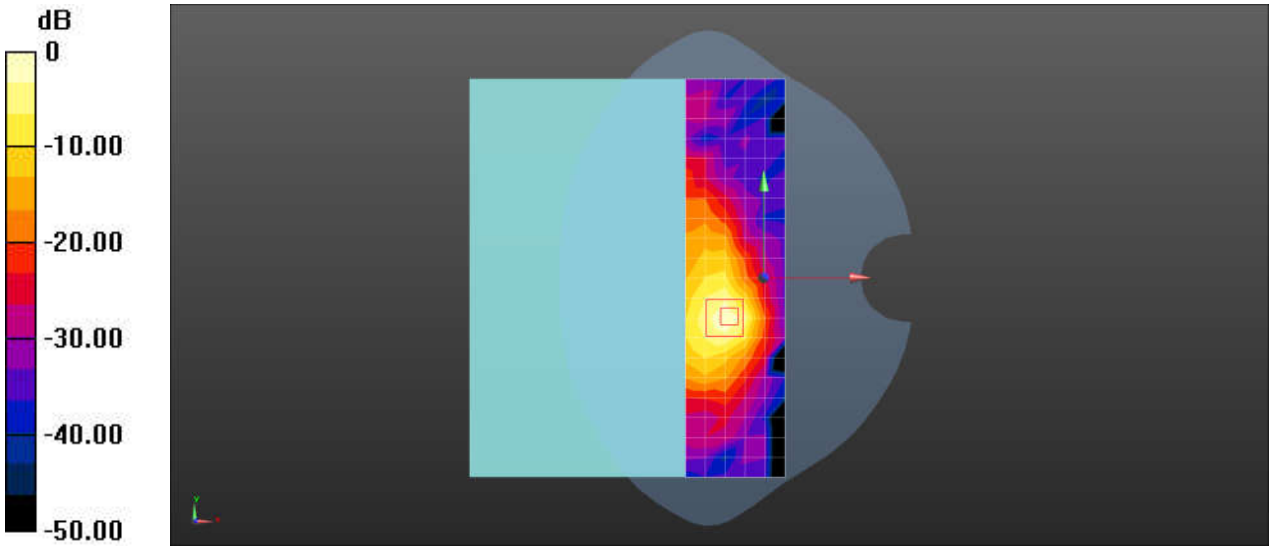
Medium: HSL2450;Medium parameters used: f = 2437 MHz; σ = 1.761 S/m; ε_r = 40.163; ρ = 920 kg/m^3
Phantom section: Flat Section

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 Sn1740; Calibrated: 2022-08-03
- Phantom: SAM 3; Type: QD000P40CD; Serial: TP:1770
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (6x21x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 1.84 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.487 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 3.53 W/kg
SAR(1 g) = 1.11 W/kg; SAR(10 g) = 0.376 W/kg
Smallest distance from peaks to all points 3 dB below = 4.5 mm
Maximum value of SAR (measured) = 2.23 W/kg



0 dB = 1.84 W/kg = 2.65 dBW/kg

Date: 2023-01-08

Test Laboratory: SGS-SAR Lab

Lenovo TB-X6E6F WLAN5G 802.11a 56CH Back side 0mm

DUT: Lenovo TB-X6E6F; Type: Portable Tablet Computer; Serial: HA1RNMSZ

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5280 MHz;Duty Cycle: 1:1.108

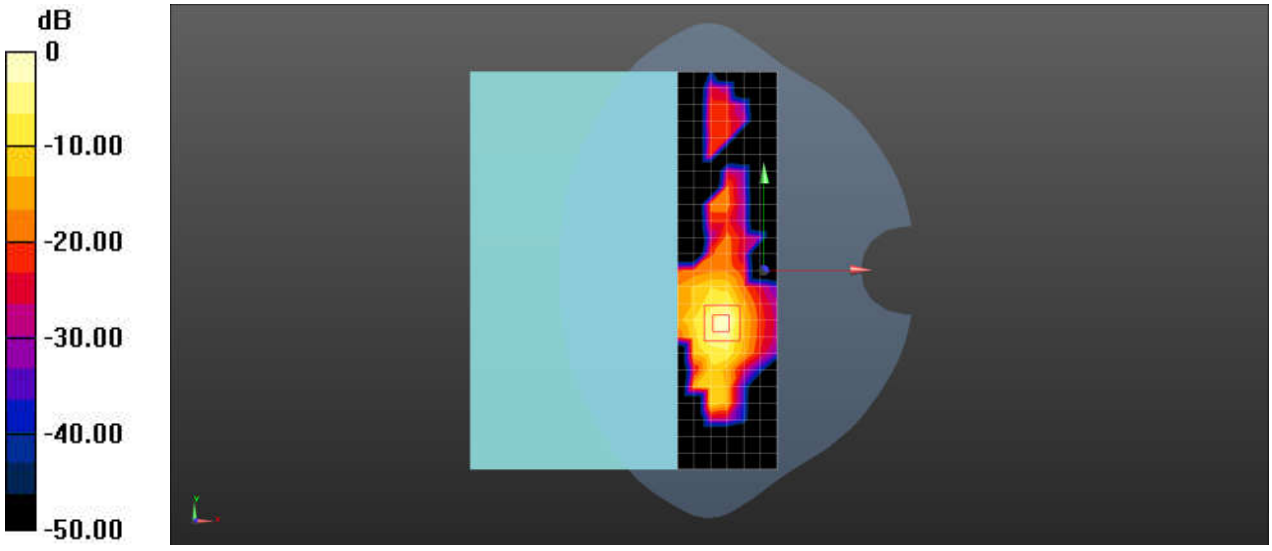
Medium: HSL5000;Medium parameters used: f = 5280 MHz; σ = 4.741 S/m; ε_r = 35.469; ρ = 1000 kg/m^3
Phantom section: Flat Section

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 Sn1740; Calibrated: 2022-08-03
- Phantom: SAM 3; Type: QD000P40CD; Serial: TP:1770
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Head/Area Scan (7x25x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 2.13 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 2.690 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 4.54 W/kg
SAR(1 g) = 0.693 W/kg; SAR(10 g) = 0.185 W/kg
Maximum value of SAR (measured) = 2.35 W/kg



0 dB = 2.13 W/kg = 3.28 dBW/kg

Date: 2023-01-08

Test Laboratory: SGS-SAR Lab

Lenovo TB-X6E6F WLAN5G 802.11a 116CH Back side 0mm

DUT: Lenovo TB-X6E6F; Type: Portable Tablet Computer; Serial: HA1RNMSZ

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5580 MHz;Duty Cycle: 1:1.108

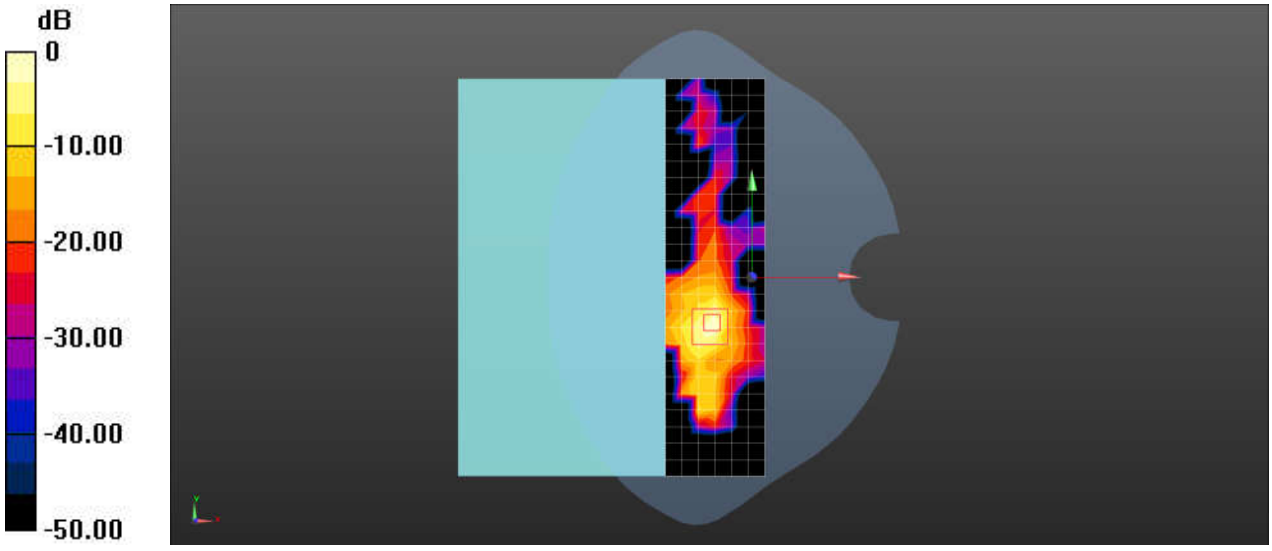
Medium: HSL5000;Medium parameters used: f = 5580 MHz; σ = 5.157 S/m; ε_r = 34.924; ρ = 1000 kg/m^3
Phantom section: Flat Section

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 Sn1740; Calibrated: 2022-08-03
- Phantom: SAM 3; Type: QD000P40CD; Serial: TP:1770
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Head/Area Scan (7x25x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 2.61 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 2.886 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 7.78 W/kg
SAR(1 g) = 0.979 W/kg; SAR(10 g) = 0.219 W/kg
Maximum value of SAR (measured) = 3.92 W/kg



0 dB = 2.61 W/kg = 4.17 dBW/kg

Date: 2023-01-08

Test Laboratory: SGS-SAR Lab

Lenovo TB-X6E6F WLAN5G 802.11a 165CH Back side 0mm

DUT: Lenovo TB-X6E6F; Type: Portable Tablet Computer; Serial: HA1RNMSZ

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5825 MHz;Duty Cycle: 1:1.108

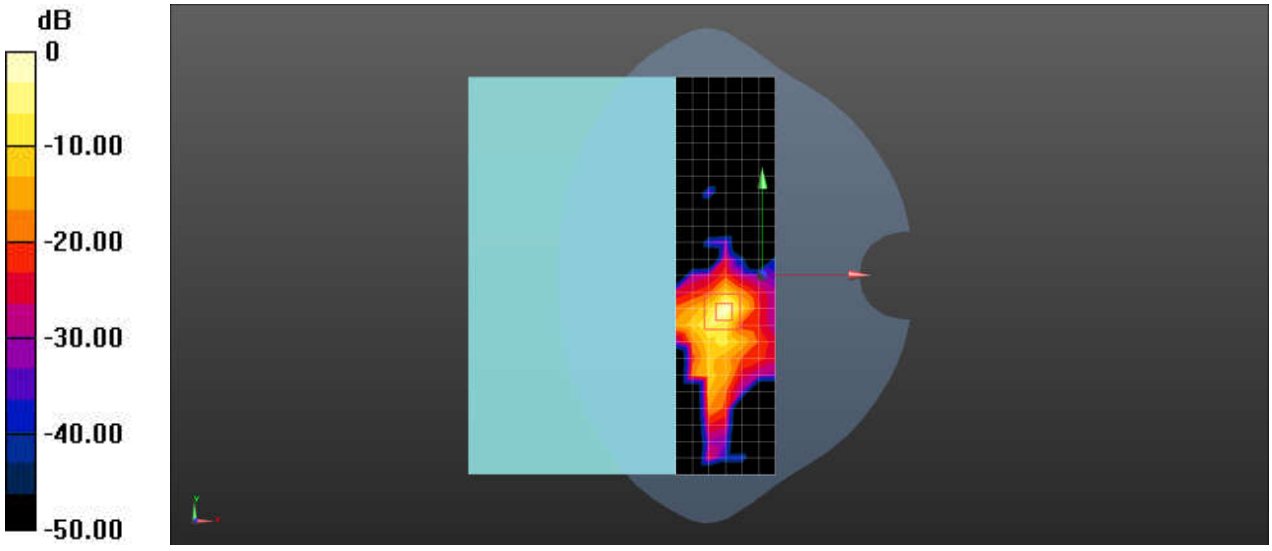
Medium: HSL5000;Medium parameters used: f = 5825 MHz; σ = 5.458 S/m; ε_r = 34.393; ρ = 1000 kg/m^3
Phantom section: Flat Section

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 Sn1740; Calibrated: 2022-08-03
- Phantom: SAM 3; Type: QD000P40CD; Serial: TP:1770
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Head/Area Scan (7x25x1): Measurement grid: dx=10mm, dy=10mm
Maximum value of SAR (measured) = 4.42 W/kg

Configuration/Head/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 2.129 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 12.2 W/kg
SAR(1 g) = 0.945 W/kg; SAR(10 g) = 0.220 W/kg
Maximum value of SAR (measured) = 5.16 W/kg



0 dB = 4.42 W/kg = 6.45 dBW/kg

Date: 2023-01-07

Test Laboratory: SGS-SAR Lab

Lenovo TB-X6E6F Bluetooth DH5 39CH Back side 0mm

DUT: Lenovo TB-X6E6F; Type: Portable Tablet Computer; Serial: HA1RNMSZ

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz;Duty Cycle: 1:1.289

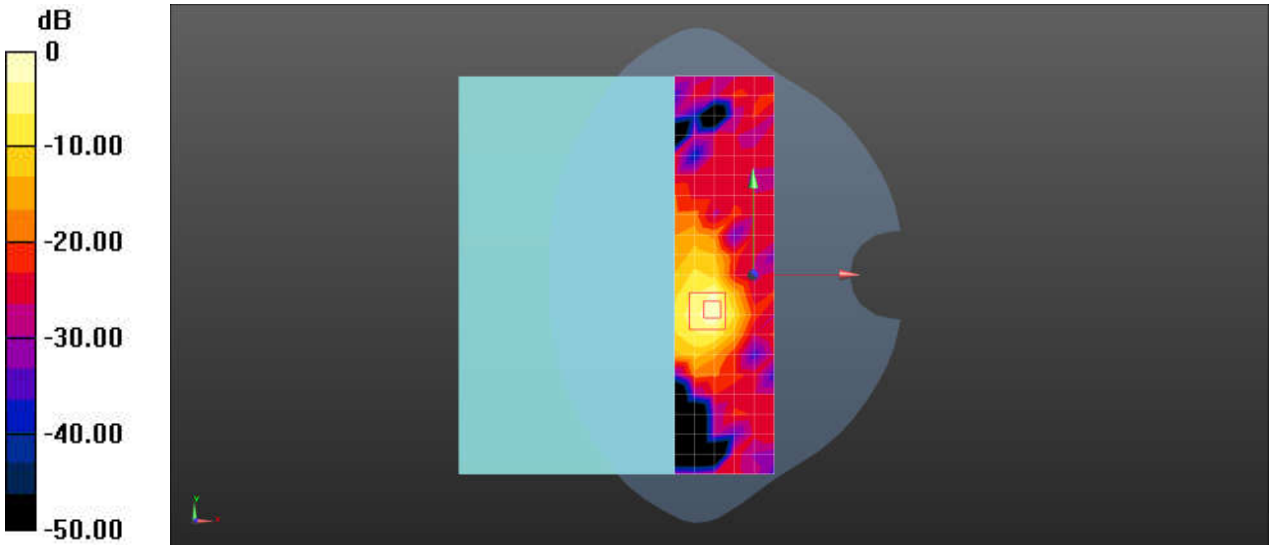
Medium: HSL2450;Medium parameters used: f = 2441 MHz; σ = 1.766 S/m; ε_r = 40.165; ρ = 920 kg/m^3
Phantom section: Flat Section

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 Sn1740; Calibrated: 2022-08-03
- Phantom: SAM 3; Type: QD000P40CD; Serial: TP:1770
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (6x21x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (measured) = 0.269 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.850 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.459 W/kg
SAR(1 g) = 0.158 W/kg; SAR(10 g) = 0.061 W/kg
Maximum value of SAR (measured) = 0.303 W/kg



0 dB = 0.269 W/kg = -5.70 dBW/kg