

Appendix B

Detailed Test Results

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

Test Laboratory: SGS-SAR Lab

22081283G Wifi 2.4G 802.11b 1CH Back Side 0mm

DUT:22081283G; Type:Tablet Computer;Serial:S5225S000395

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2412 MHz;Duty Cycle: 1:1.004

Medium: HSL2450;Medium parameters used: $f = 2412$ MHz; $\sigma = 1.774$ S/m; $\epsilon_r = 40.11$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.67, 7.67, 7.67) ; Calibrated: 2022-05-26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2022-04-27
- Phantom: SAM5; Type: SAM; Serial: 1481
- 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) = 1.18 W/kg

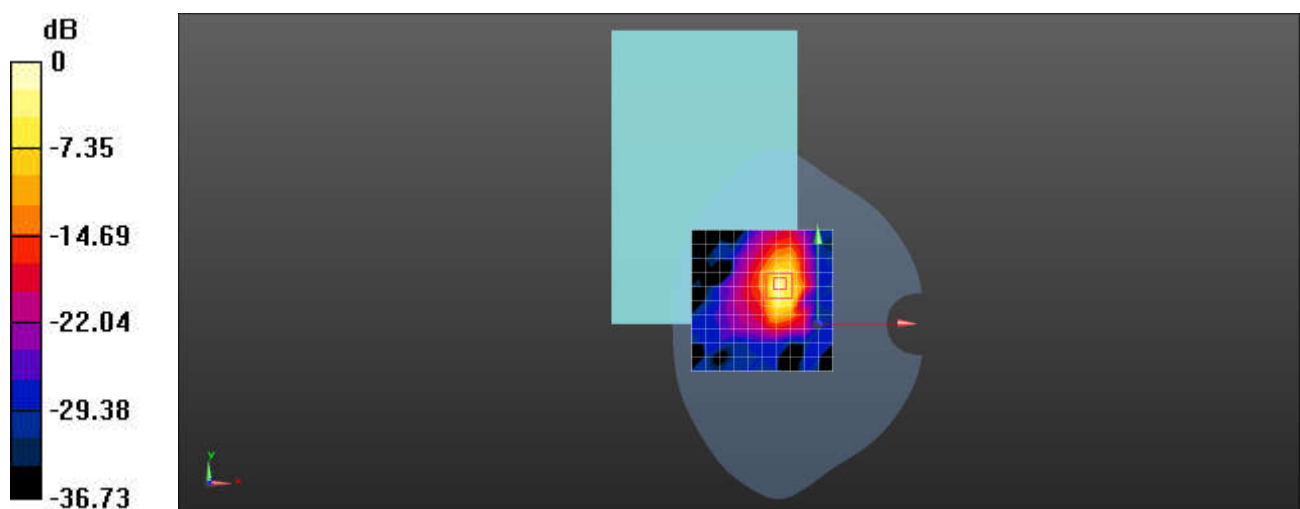
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.363 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.01 W/kg

SAR(1 g) = 0.750 W/kg; SAR(10 g) = 0.245 W/kg

Maximum value of SAR (measured) = 1.51 W/kg



0 dB = 1.51 W/kg = 1.79 dBW/kg

Test Laboratory: SGS-SAR Lab

22081283G Wifi 5G 802.11ac 44CH Back Side 15mm

DUT:22081283G; Type:Tablet Computer;Serial:S5225S000395

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5220 MHz;Duty Cycle: 1:1.029

Medium: HSL5G;Medium parameters used: $f = 5220 \text{ MHz}$; $\sigma = 4.681 \text{ S/m}$; $\epsilon_r = 36.39$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(5.4, 5.4, 5.4) ; Calibrated: 2022-05-26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2022-04-27
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (13x13x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.48 W/kg

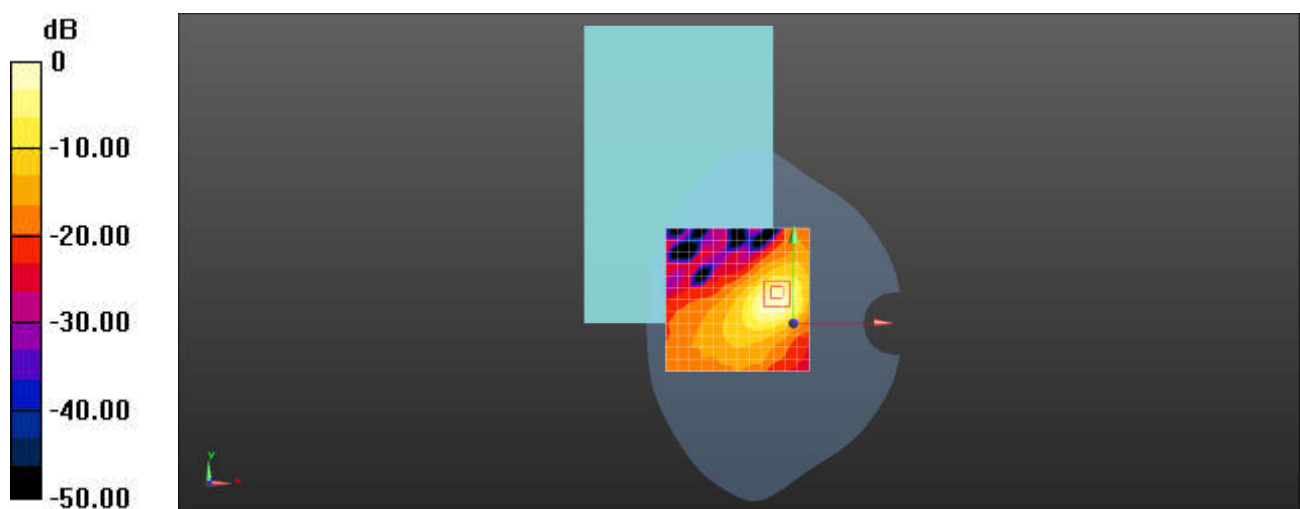
Configuration/Body/Zoom Scan (9x9x17)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 3.219 V/m ; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.46 W/kg

SAR(1 g) = 0.771 W/kg ; SAR(10 g) = 0.286 W/kg

Maximum value of SAR (measured) = 1.63 W/kg



0 dB = $1.63 \text{ W/kg} = 2.12 \text{ dBW/kg}$

Test Laboratory: SGS-SAR Lab

22081283G Wifi 5G 802.11ac 122CH Back Side 0mm

DUT:22081283G; Type:Tablet Computer;Serial:S5225S000395

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5610 MHz;Duty Cycle: 1:1.125

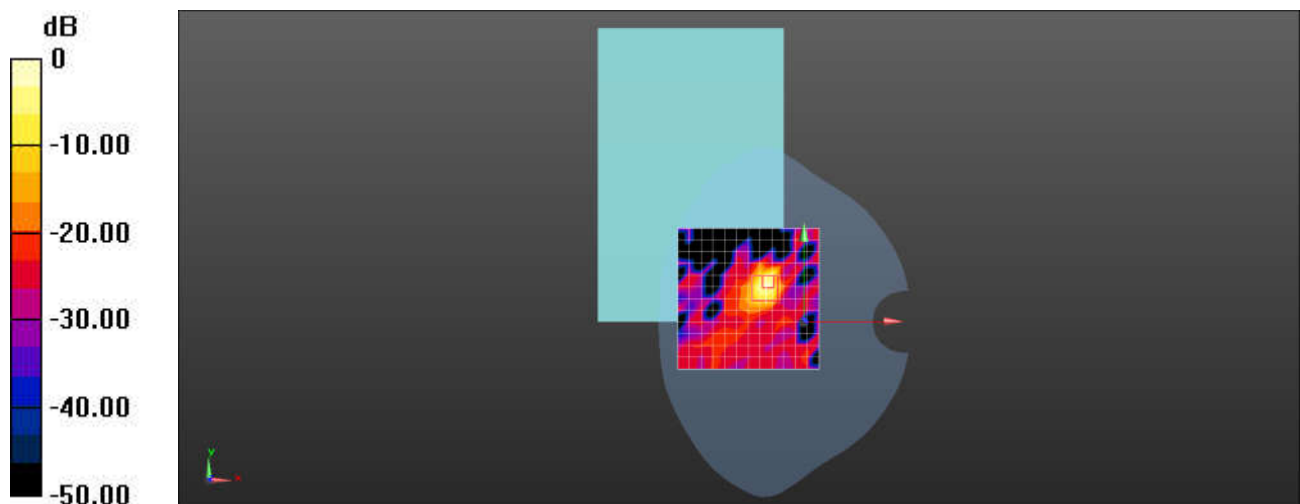
Medium: HSL5G;Medium parameters used: $f = 5610$ MHz; $\sigma = 5.112$ S/m; $\epsilon_r = 35.7$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(4.85, 4.85, 4.85) ; Calibrated: 2022-05-26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2022-04-27
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (13x13x1): Measurement grid: $dx=10$ mm, $dy=10$ mm
Maximum value of SAR (measured) = 0.825 W/kg

Configuration/Body/Zoom Scan (7x7x17)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm
Reference Value = 0.9850 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 5.55 W/kg
SAR(1 g) = 0.632 W/kg; SAR(10 g) = 0.130 W/kg
Maximum value of SAR (measured) = 1.71 W/kg



0 dB = 1.71 W/kg = 2.33 dBW/kg

Test Laboratory: SGS-SAR Lab

22081283G Wifi 5G 802.11ac 155CH Back Side 0mm

DUT:22081283G; Type:Tablet Computer;Serial:S5225S000395

Communication System: UID 0, WI-FI(5GHz) (0); Frequency: 5775 MHz;Duty Cycle: 1:1.125

Medium: HSL5G;Medium parameters used: $f = 5775$ MHz; $\sigma = 5.301$ S/m; $\epsilon_r = 35.39$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(4.89, 4.89, 4.89) ; Calibrated: 2022-05-26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2022-04-27
- Phantom: SAM5; Type: SAM; Serial: 1481
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Configuration/Body/Area Scan (13x13x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.11 W/kg

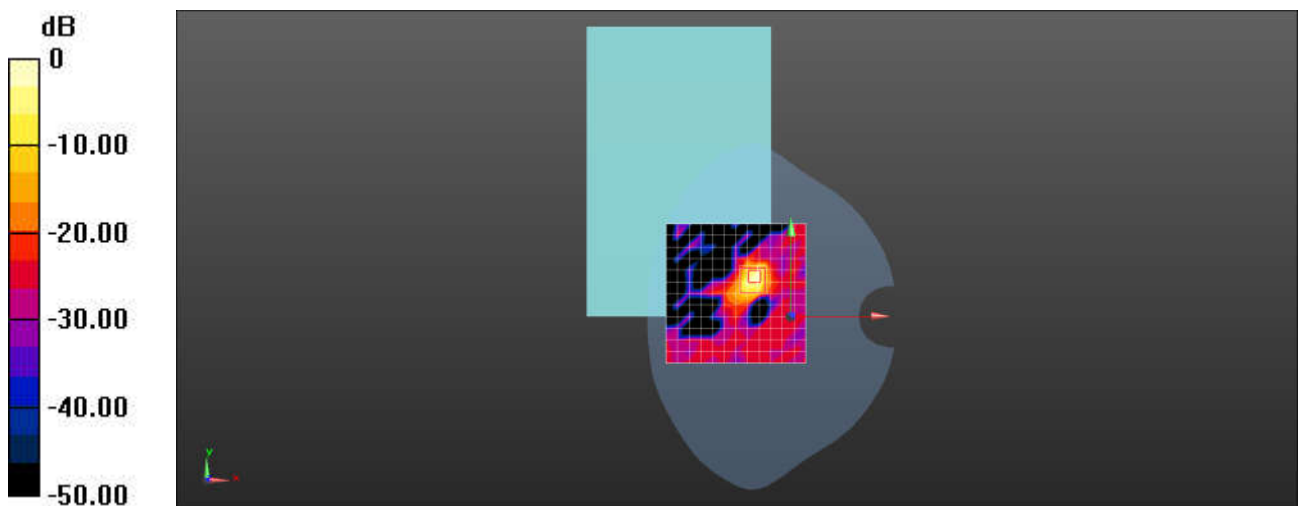
Configuration/Body/Zoom Scan (7x7x17)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.317 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 3.75 W/kg

SAR(1 g) = 0.739 W/kg; SAR(10 g) = 0.142 W/kg

Maximum value of SAR (measured) = 2.16 W/kg



0 dB = 2.16 W/kg = 3.34 dBW/kg

Test Laboratory: SGS-SAR Lab

22081283G Bluetooth DH5 39CH Back Side 0mm

DUT:22081283G; Type:Tablet Computer;Serial:S5225S000395

Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz;Duty Cycle: 1:1.302

Medium: HSL2450;Medium parameters used: $f = 2441$ MHz; $\sigma = 1.806$ S/m; $\epsilon_r = 39.982$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY 5 Configuration:

- Probe: EX3DV4 - SN3962; ConvF(7.67, 7.67, 7.67) ; Calibrated: 2022-05-26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1428; Calibrated: 2022-04-27
- Phantom: SAM5; Type: SAM; Serial: 1481
- 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) = 0.538 W/kg

Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.057 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.19 W/kg

SAR(1 g) = 0.469 W/kg; SAR(10 g) = 0.156 W/kg

Maximum value of SAR (measured) = 0.960 W/kg

