



Appendix B

Detailed Test Results

1. WIFI
WIFI 2.4GHz for Body
WIFI 5.2GHz for Body
WIFI 5.8GHz for Body



Test Laboratory: LCS-SAR Lab

WIFI 2.4G 802.11b 1CH Rear side 0mm

DUT: TABLET PC; Type: H819E; Serial: A11213118-1

Communication System: UID 0, WI-FI(2.4GHz) (0); Frequency: 2412 MHz;Duty Cycle: 1:1.007

Medium parameters used: $f = 2412 \text{ MHz}$; $\sigma = 1.779 \text{ S/m}$; $\epsilon_r = 38.476$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(7.42, 7.42, 7.42); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (10x11x1): Measurement grid: $dx=12\text{mm}$, $dy=12\text{mm}$

Maximum value of SAR (measured) = 0.297 W/kg

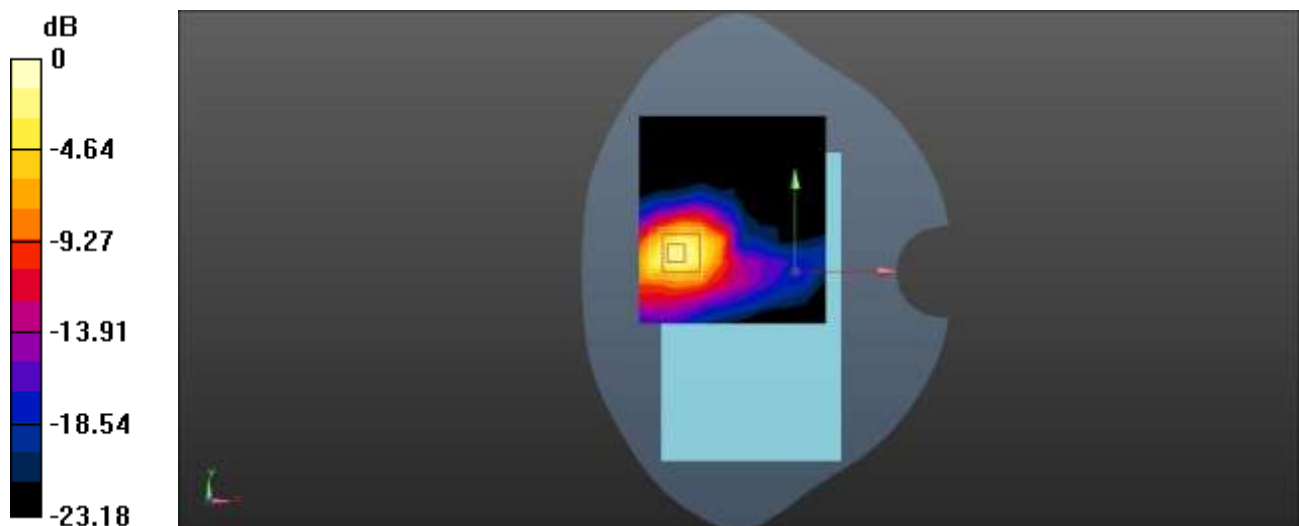
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.403 V/m ; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.674 W/kg

SAR(1 g) = 0.239 W/kg ; SAR(10 g) = 0.103 W/kg

Maximum value of SAR (measured) = 0.404 W/kg



$0 \text{ dB} = 0.404 \text{ W/kg} = -3.94 \text{ dBW/kg}$



Test Laboratory: LCS-SAR Lab

WIFI 5.2G 802.11ac20 36CH Rear side 0mm

DUT: TABLET PC; Type: H819E; Serial: A11213118-1

Communication System: UID 0, WI-FI(5.2GHz) (0); Frequency: 5180 MHz;Duty Cycle: 1:1.059

Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 4.608 \text{ S/m}$; $\epsilon_r = 36.285$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(5.38, 5.38, 5.38); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (11x13x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.235 W/kg

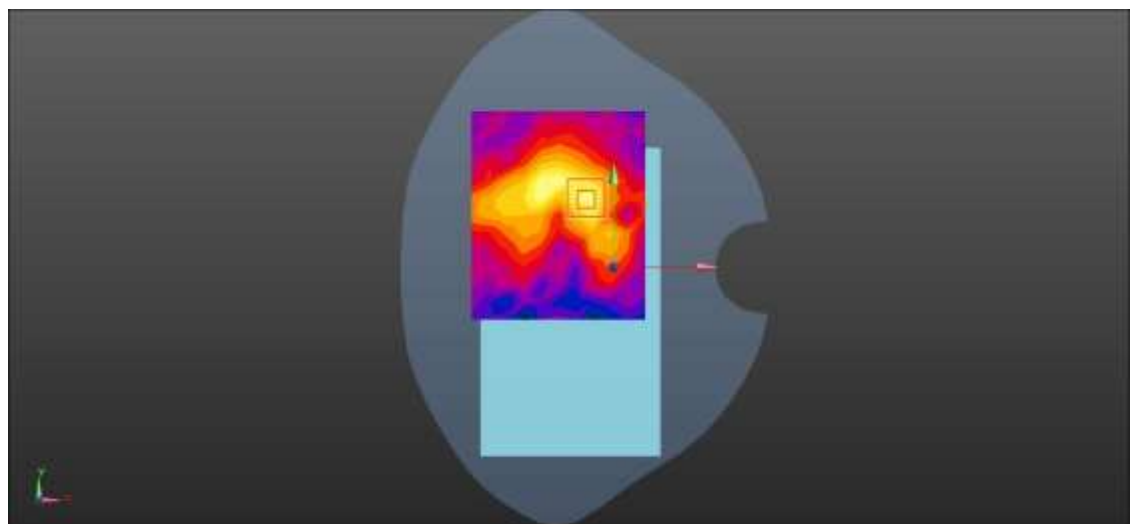
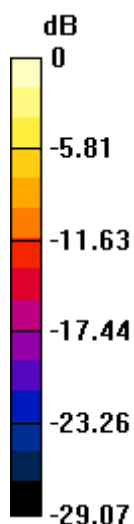
Configuration/Body/Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 0.9240 V/m ; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.508 W/kg

SAR(1 g) = 0.134 W/kg ; SAR(10 g) = 0.048 W/kg

Maximum value of SAR (measured) = 0.281 W/kg



$0 \text{ dB} = 0.281 \text{ W/kg} = -5.51 \text{ dBW/kg}$



Test Laboratory: LCS-SAR Lab

WIFI 5.8G 802.11ac40 151CH Rear side 0mm

DUT: TABLET PC; Type: H819E; Serial: A11213118-1

Communication System: UID 0, WI-FI(5.8GHz) (0); Frequency: 5755 MHz;Duty Cycle: 1:1.05

Medium parameters used: $f = 5755 \text{ MHz}$; $\sigma = 5.331 \text{ S/m}$; $\epsilon_r = 34.526$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN3805; ConvF(4.88, 4.88, 4.88); Calibrated: 2023/11/23;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn419; Calibrated: 2023/6/20
- Phantom: SAM v5.0; Type: SAM; Serial: 1850
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (11x13x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.322 W/kg

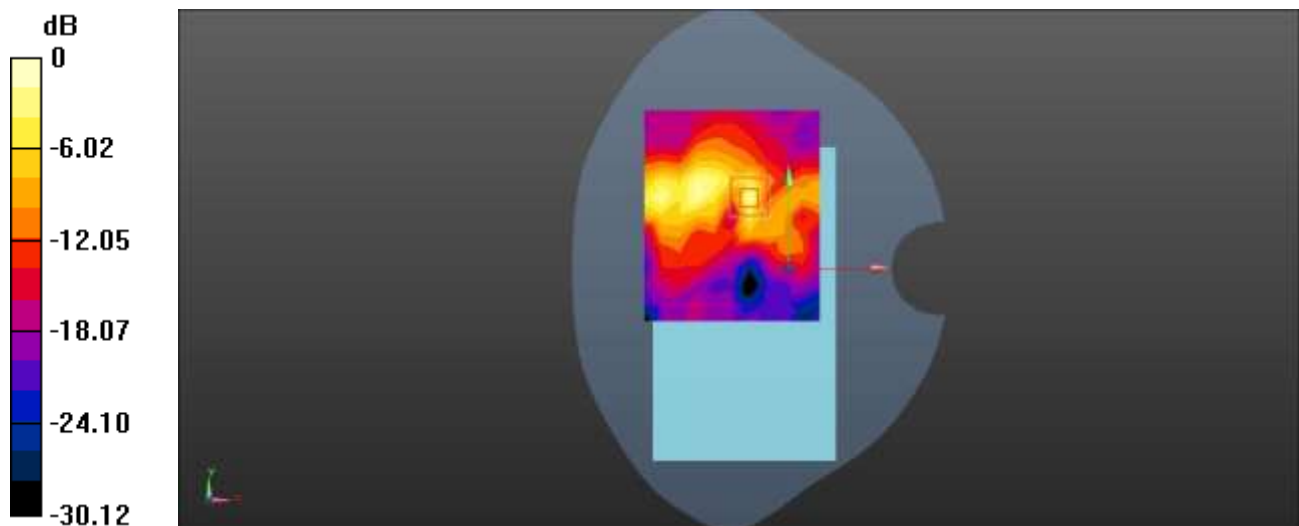
Configuration/Body/Zoom Scan (7x7x12)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 4.035 V/m ; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.865 W/kg

SAR(1 g) = 0.174 W/kg ; SAR(10 g) = 0.067 W/kg

Maximum value of SAR (measured) = 0.365 W/kg



0 dB = 0.365 W/kg = -4.38 dBW/kg

