Annex D Plots of Maximum SAR Test Results

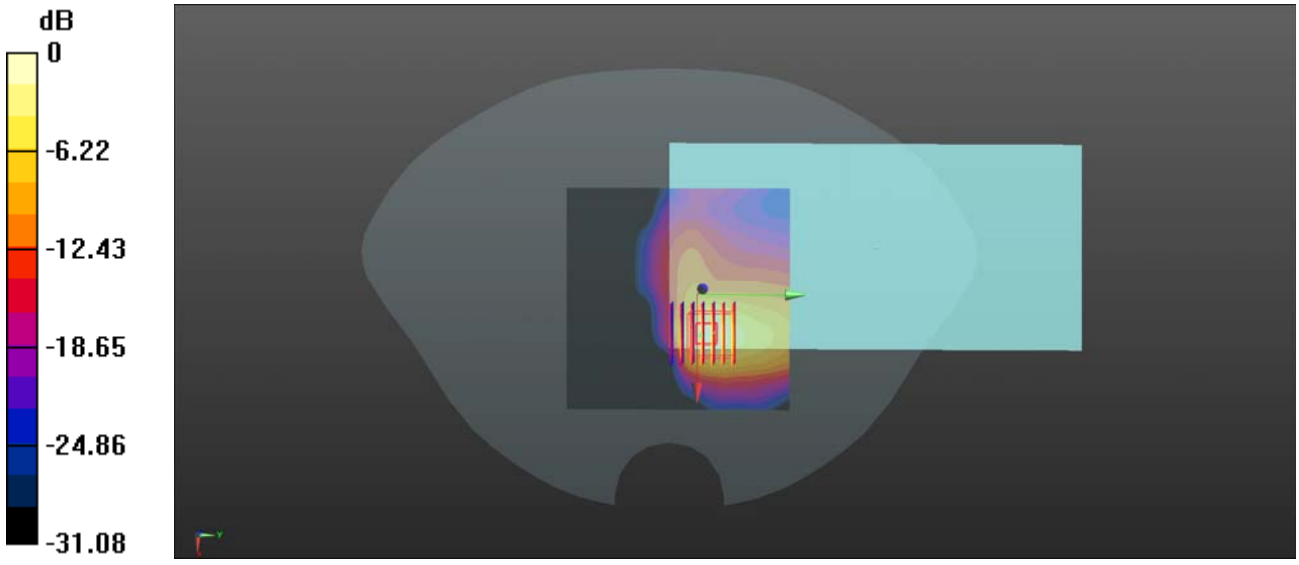
WLAN 2.4GHz_802.11 b 1Mbps_Bottom Face_0mm_Ch1

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_180112 Medium parameters used: f = 2412 MHz; σ = 1.97 S/m; ε_r = 52.292; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3154; ConvF(4.28, 4.28, 4.28); Calibrated: 2017.10.30;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2017.09.27
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1/Area Scan (91x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.915 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.153 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 2.07 W/kg
SAR(1 g) = 0.784 W/kg; SAR(10 g) = 0.324 W/kg
Maximum value of SAR (measured) = 0.884 W/kg



0 dB = 0.915 W/kg

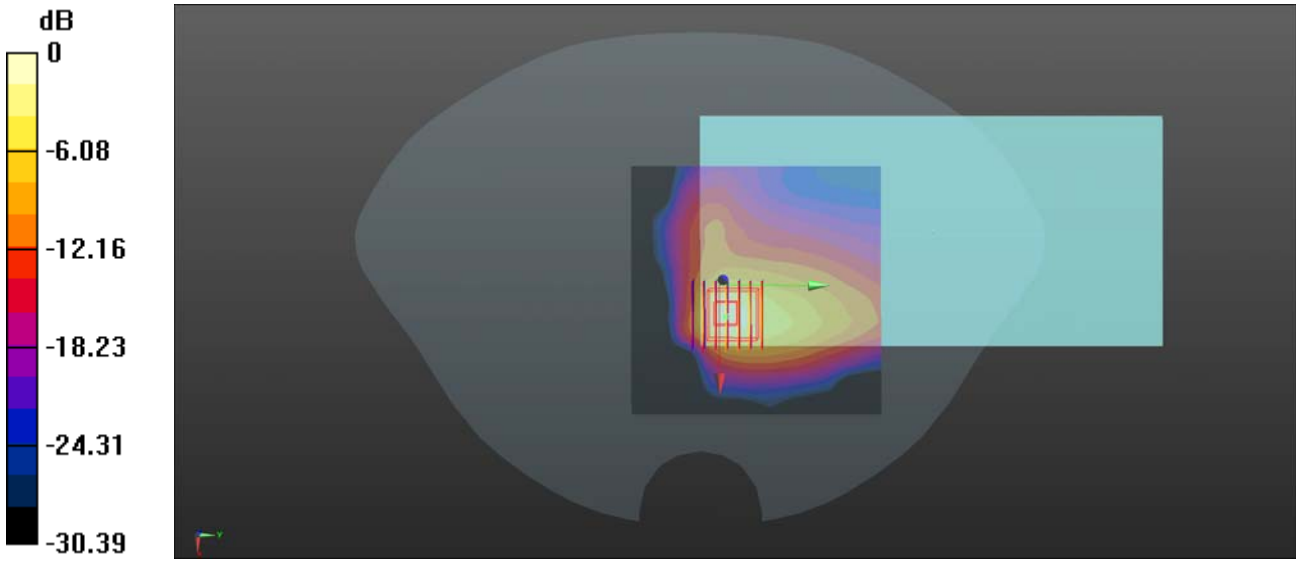
WLAN 2.4GHz_802.11 g 6Mbps_Bottom Face_0mm_Ch1

Communication System: UID 0, WLAN 2.4GHz 802.11g (0); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_180112 Medium parameters used: f = 2412 MHz; σ = 1.97 S/m; ε_r = 52.292; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3154; ConvF(4.28, 4.28, 4.28); Calibrated: 2017.10.30;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2017.09.27
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1/Area Scan (91x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.947 W/kg

Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.097 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.95 W/kg
SAR(1 g) = 0.742 W/kg; SAR(10 g) = 0.310 W/kg
Maximum value of SAR (measured) = 0.819 W/kg



0 dB = 0.947 W/kg

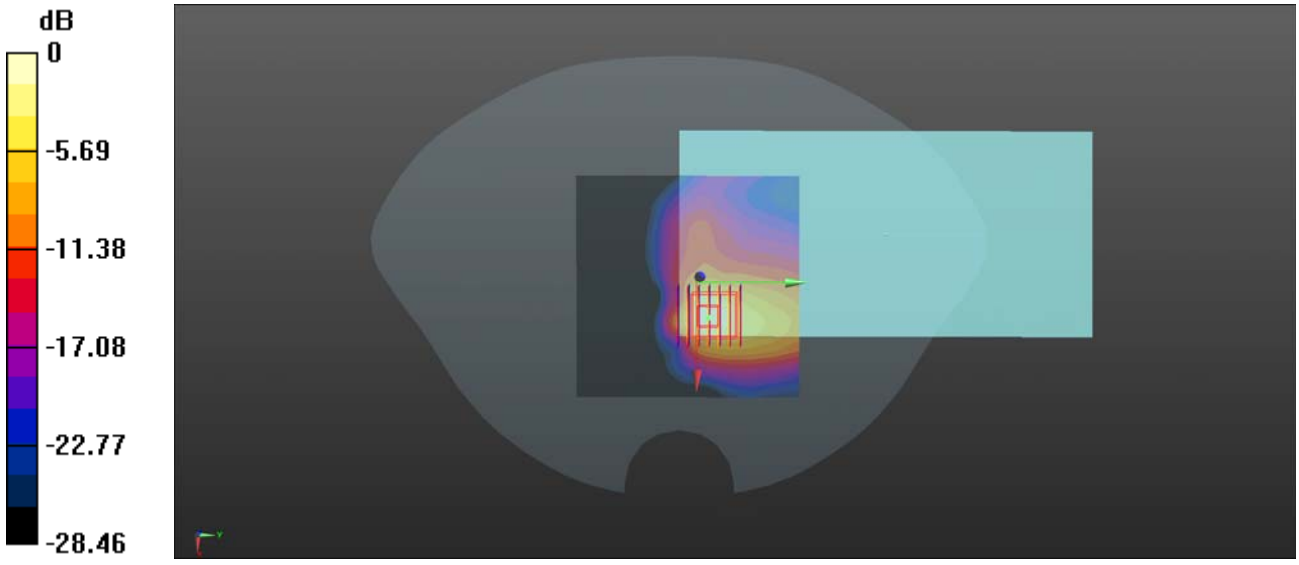
WLAN 2.4GHz_802.11 b 1Mbps_Bottom Face_0mm_Ch11_Repeat SAR

Communication System: UID 0, WLAN 2.4GHz 802.11g (0); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_180112 Medium parameters used: f = 2462 MHz; σ = 2.058 S/m; ε_r = 51.542; ρ = 1000 kg/m^3
Ambient Temperature：23.4 ℃; Liquid Temperature：22.4 ℃

DASY5 Configuration:
- Probe: ES3DV3 - SN3154; ConvF(4.28, 4.28, 4.28); Calibrated: 2017.10.30;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2017.09.27
- Phantom: SAM 1; Type: QD000P40CC; Serial: TP:1471
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch11/Area Scan (91x91x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.909 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.788 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.93 W/kg
SAR(1 g) = 0.787 W/kg; SAR(10 g) = 0.306 W/kg
Maximum value of SAR (measured) = 0.805 W/kg



0 dB = 0.909 W/kg