



REPORT No. : SZ20120300S01

Annex D Plots of Maximum SAR Test Results

WLAN 2.4GHz_802.11b 1Mbps_Edge 4_0mm_Ch11

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: HSL_2450 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.826$ S/m; $\epsilon_r = 38.806$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.28, 7.28, 7.28) @ 2462 MHz; Calibrated: 2021.01.22
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch11/Area Scan (71x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.30 W/kg

Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.58 V/m; Power Drift = 0.11 dB

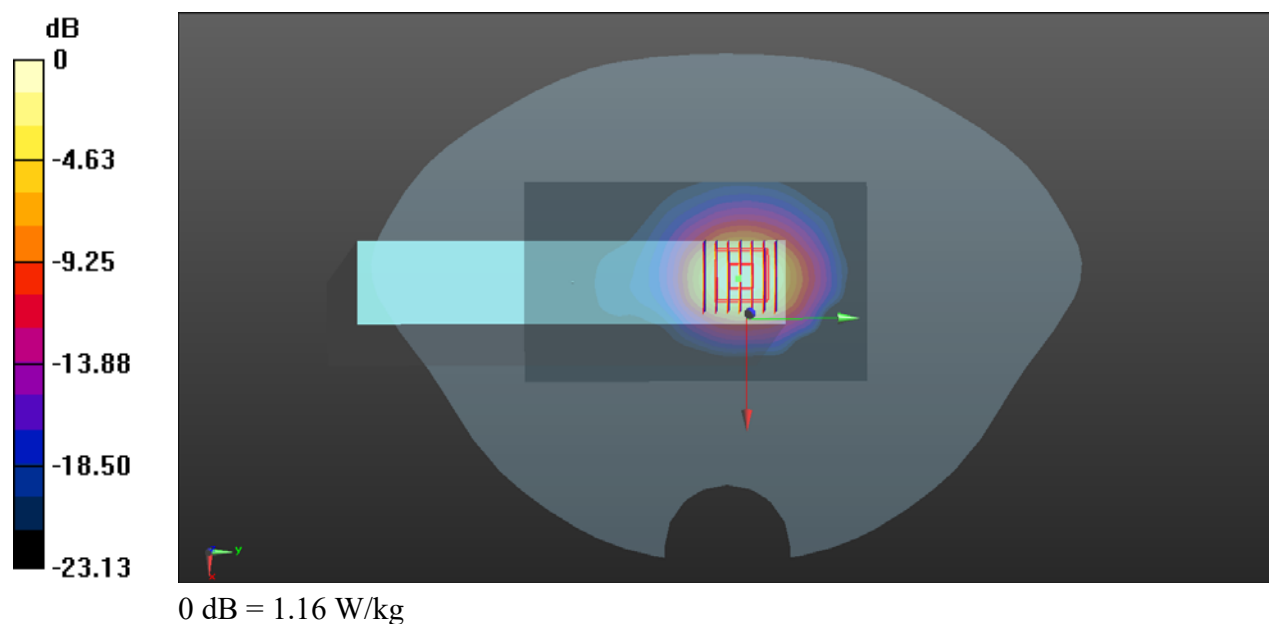
Peak SAR (extrapolated) = 1.57 W/kg

SAR(1 g) = 0.746 W/kg; SAR(10 g) = 0.351 W/kg

Smallest distance from peaks to all points 3 dB below = 9.5 mm

Ratio of SAR at M2 to SAR at M1 = 49.8%

Maximum value of SAR (measured) = 1.16 W/kg



WLAN 5.2GHz_802.11ac-VHT40_Edge 4_0mm_Ch38

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5190 MHz; Duty Cycle: 1:1.069
Medium: HSL_5250 Medium parameters used: $f = 5190$ MHz; $\sigma = 4.63$ S/m; $\epsilon_r = 36.154$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(5.27, 5.27, 5.27) @ 5190 MHz; Calibrated: 2021.01.22
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch38/Area Scan (81x101x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.50 W/kg

Ch38/Zoom Scan (8x8x8)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=4mm

Reference Value = 6.583 V/m; Power Drift = 0.04 dB

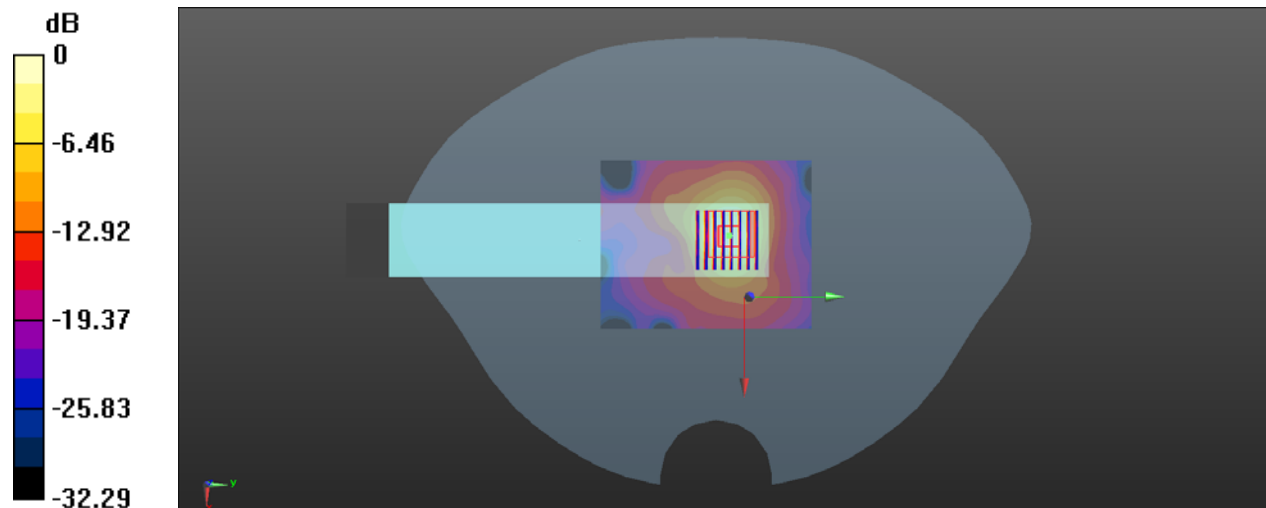
Peak SAR (extrapolated) = 2.46 W/kg

SAR(1 g) = 0.695 W/kg; SAR(10 g) = 0.244 W/kg

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 32.5%

Maximum value of SAR (measured) = 1.31 W/kg



0 dB = 1.31 W/kg

WLAN 5.8GHz_802.11n-HT20 MCS0_Edge 4_0mm_Ch149

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5745 MHz; Duty Cycle: 1:1.035
Medium: HSL_5750 Medium parameters used: $f = 5745$ MHz; $\sigma = 5.291$ S/m; $\epsilon_r = 35.168$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(4.61, 4.61, 4.61) @ 5745 MHz; Calibrated: 2021.01.22
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2020.06.02
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch44/Area Scan (71x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.82 W/kg

Ch44/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=4mm

Reference Value = 7.553 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 4.00 W/kg

SAR(1 g) = 0.910 W/kg; SAR(10 g) = 0.299 W/kg

Smallest distance from peaks to all points 3 dB below = 7.8 mm

Ratio of SAR at M2 to SAR at M1 = 20.3%

Maximum value of SAR (measured) = 1.75 W/kg

