



REPORT No. : SZ19040375S01

Annex D Plots of Maximum SAR Test Results

WLAN2.4GHz_802.11b 1Mbps_Back Side_0mm_Ch13

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2472 MHz; Duty Cycle: 1:1
Medium: MSL_2450 Medium parameters used: $f = 2472$ MHz; $\sigma = 2.072$ S/m; $\epsilon_r = 50.523$; $\rho = 1000$

kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.15, 7.15, 7.15); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch13/Area Scan (91x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.08 W/kg

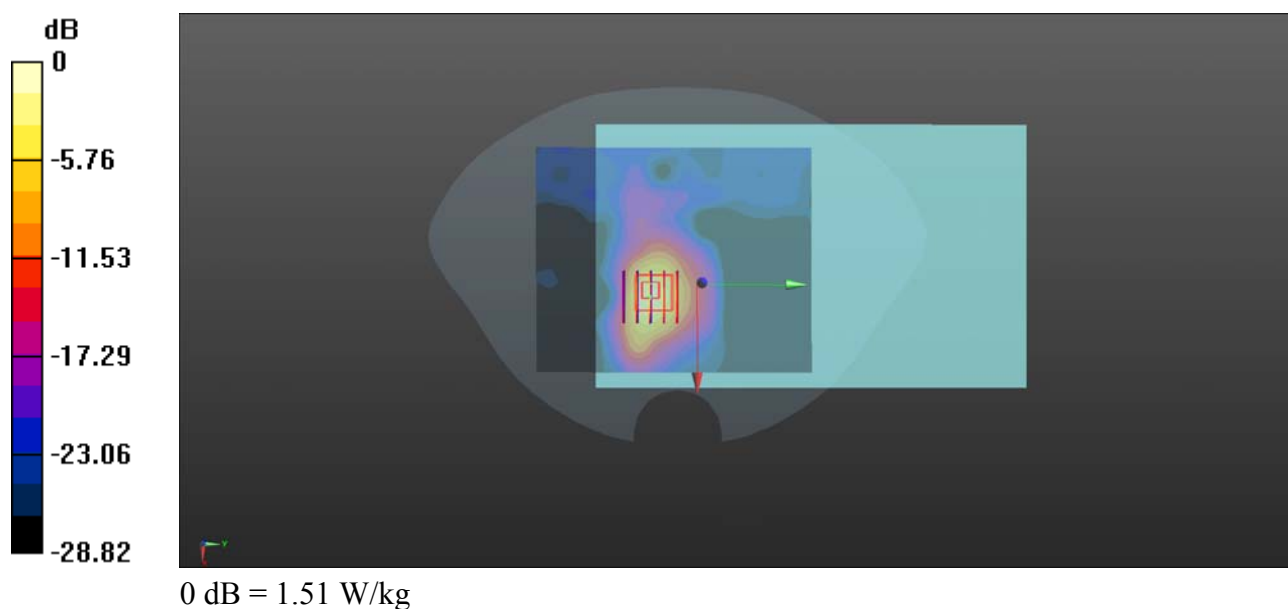
Ch13/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.336 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 3.71 W/kg

SAR(1 g) = 1.27 W/kg; SAR(10 g) = 0.463 W/kg

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



WLAN 5GHz Band 1_802.11a 6M_Back Side_0mm_Ch48

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5240 MHz; Duty Cycle: 1:1.025

Medium: MSL_5250 Medium parameters used: $f = 5240$ MHz; $\sigma = 5.394$ S/m; $\epsilon_r = 48.262$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(4.73, 4.73, 4.73); Calibrated: 2018.11.12;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.28
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch48/Area Scan (141x171x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.51 W/kg

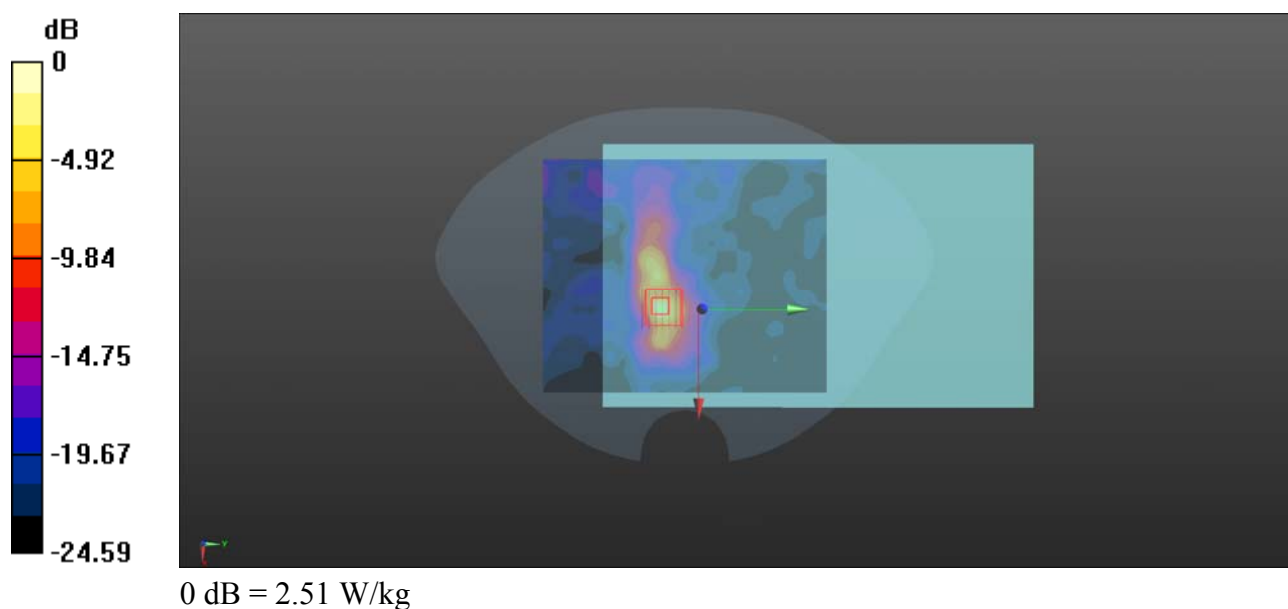
Ch48/Zoom Scan (7x7x13)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.847 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 8.69 W/kg

SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.235 W/kg

Maximum value of SAR (measured) = 2.41 W/kg



WLAN 5GHz Band 2_802.11a 6M_Back Side_0mm_Ch64

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5320 MHz; Duty Cycle: 1:1.025

Medium: MSL_5250 Medium parameters used: $f = 5320$ MHz; $\sigma = 5.506$ S/m; $\epsilon_r = 48.235$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(4.73 4.73, 4.73); Calibrated: 2018.11.12;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch64/Area Scan (141x171x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.18 W/kg

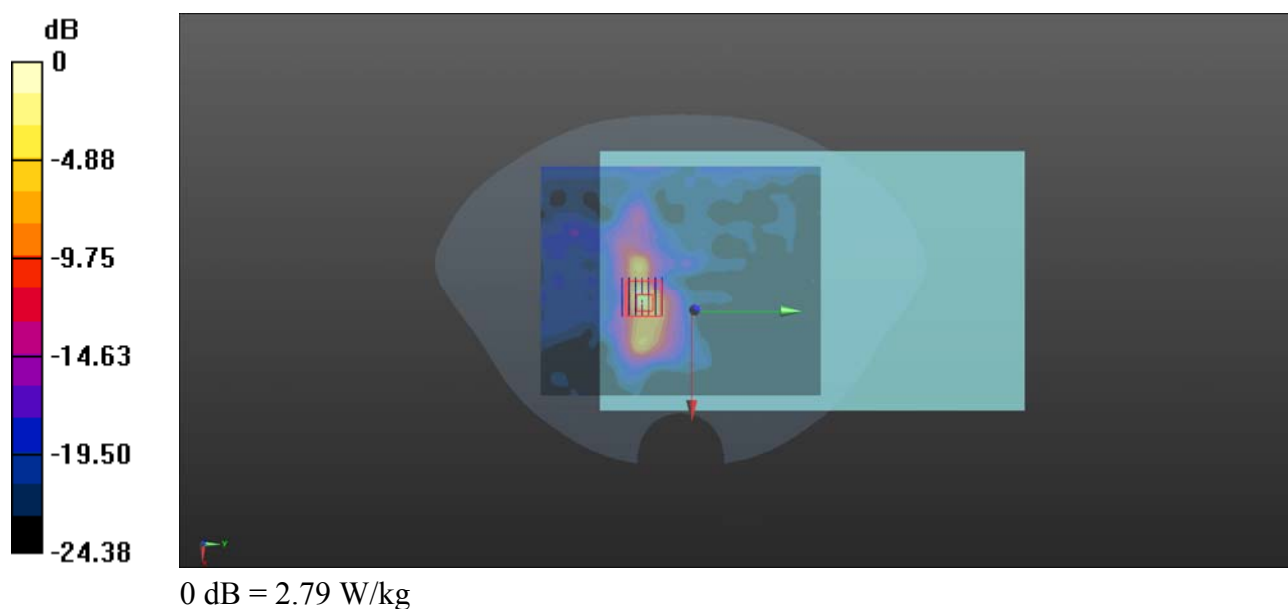
Ch64/Zoom Scan (7x7x13)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.249 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 9.11 W/kg

SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.222 W/kg

Maximum value of SAR (measured) = 2.79 W/kg



WLAN 5GHz Band 3_802.11a 6M_Back Side_0mm_Ch100

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5500 MHz; Duty Cycle: 1:1.025

Medium: MSL_5600 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.679$ S/m; $\epsilon_r = 47.843$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(3.96, 3.96, 3.96); Calibrated: 2018.11.12;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch100/Area Scan (141x171x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.89 W/kg

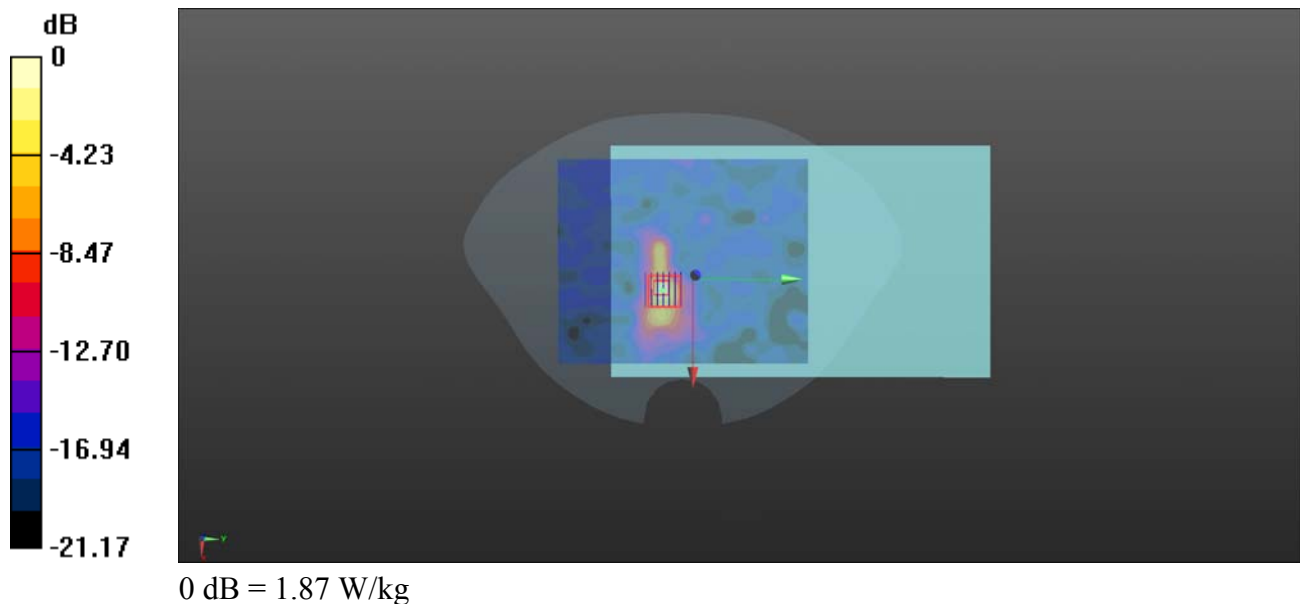
Ch100/Zoom Scan (7x7x13)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.741 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 6.65 W/kg

SAR(1 g) = 0.825 W/kg; SAR(10 g) = 0.216 W/kg

Maximum value of SAR (measured) = 1.87 W/kg



WLAN 5GHz Band 4_802.11n-HT40 MCS0_Back Side_0mm_Ch151

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5755 MHz; Duty Cycle: 1:1.025

Medium: MSL_5750 Medium parameters used: $f = 5755$ MHz; $\sigma = 6.072$ S/m; $\epsilon_r = 47.312$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(3.98, 3.98, 3.98); Calibrated: 2018.11.12;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch151/Area Scan (141x171x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 3.30 W/kg

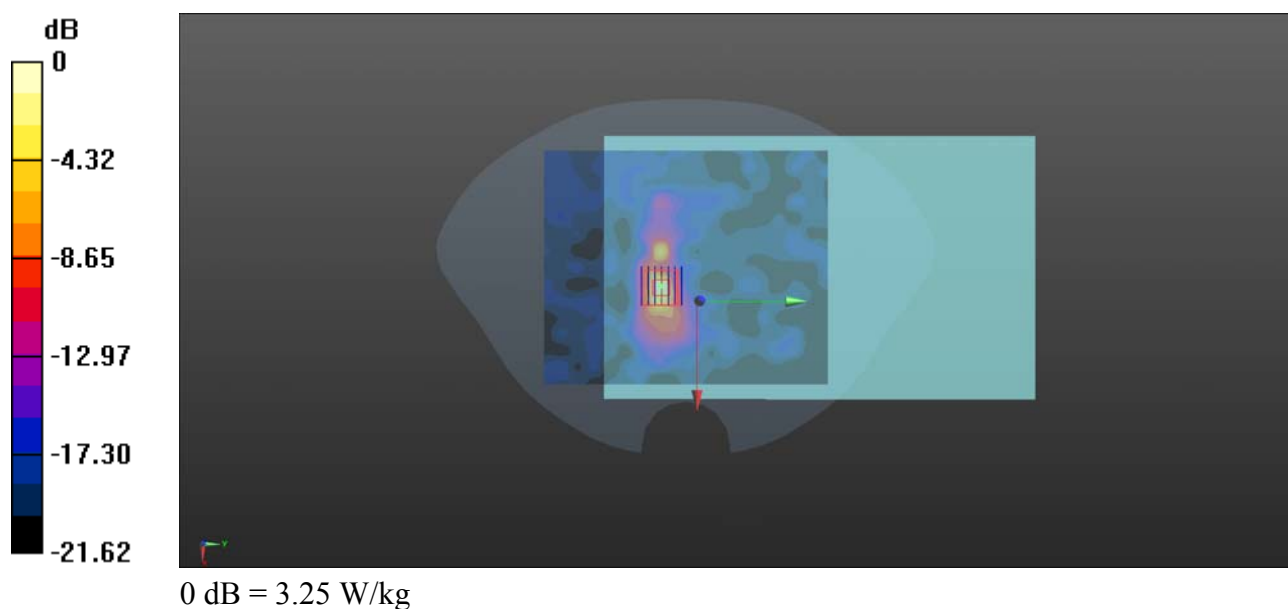
Ch151/Zoom Scan (7x7x13)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.621 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 8.87 W/kg

SAR(1 g) = 0.959 W/kg; SAR(10 g) = 0.259 W/kg

Maximum value of SAR (measured) = 3.25 W/kg



Bluetooth_DH5_Back Side_0mm_Ch78

Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz; Duty Cycle: 1:1

Medium: MSL_2450 Medium parameters used: $f = 2480$ MHz; $\sigma = 2.082$ S/m; $\epsilon_r = 50.517$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(7.15, 7.15, 7.15); Calibrated: 2018.11.12;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn480; Calibrated: 2018.10.29
- Phantom: SAM 2; Type: QD000P40CC; Serial: TP:1464
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch78/Area Scan (91x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0221 W/kg

Ch78/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.292 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.158 W/kg

SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.012 W/kg

Maximum value of SAR (measured) = 0.0312 W/kg

