



REPORT No.: SZ22080394S01

Annex D Plots of Maximum SAR Test Results

WLAN 2.4GHz_802.11b 1Mbps_Edge 1_0mm_Ch7

Communication System: UID 0, WLAN 2.4GHz 802.11b (0); Frequency: 2442 MHz; Duty Cycle: 1:1.004
Medium: HSL_2450 Medium parameters used: $f = 2442$ MHz; $\sigma = 1.85$ S/m; $\epsilon_r = 39.22$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(7.42, 7.42, 7.42) @ 2450 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2021.12.30
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch7/Area Scan (41x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.42 W/kg

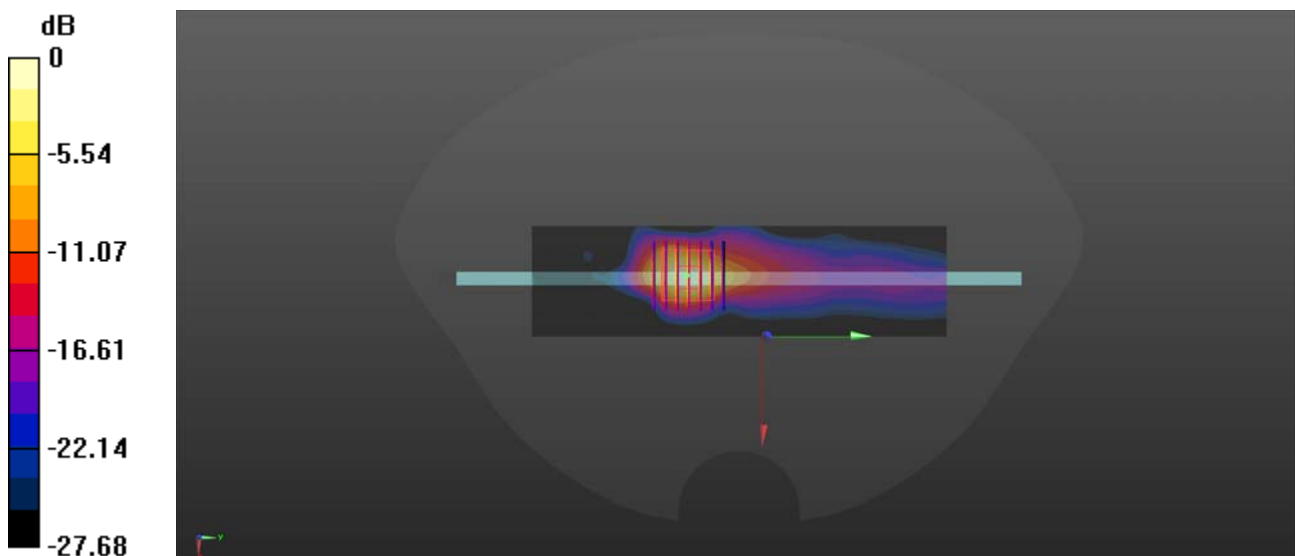
Ch7/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 7.430 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 2.13 W/kg

SAR(1 g) = 0.772 W/kg; SAR(10 g) = 0.344 W/kg

Maximum value of SAR (measured) = 1.29 W/kg



0 dB = 1.29 W/kg

WLAN 5.2GHz_802.11a 6Mbps_Bottom Face_0mm_Ch48

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5240 MHz; Duty Cycle: 1:1.032
Medium: HSL_5250 Medium parameters used: $f = 5240$ MHz; $\sigma = 4.75$ S/m; $\epsilon_r = 36.142$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.2 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(5.16, 5.16, 5.16) @ 5250 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2021.12.30
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch48/Area Scan (71x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.81 W/kg

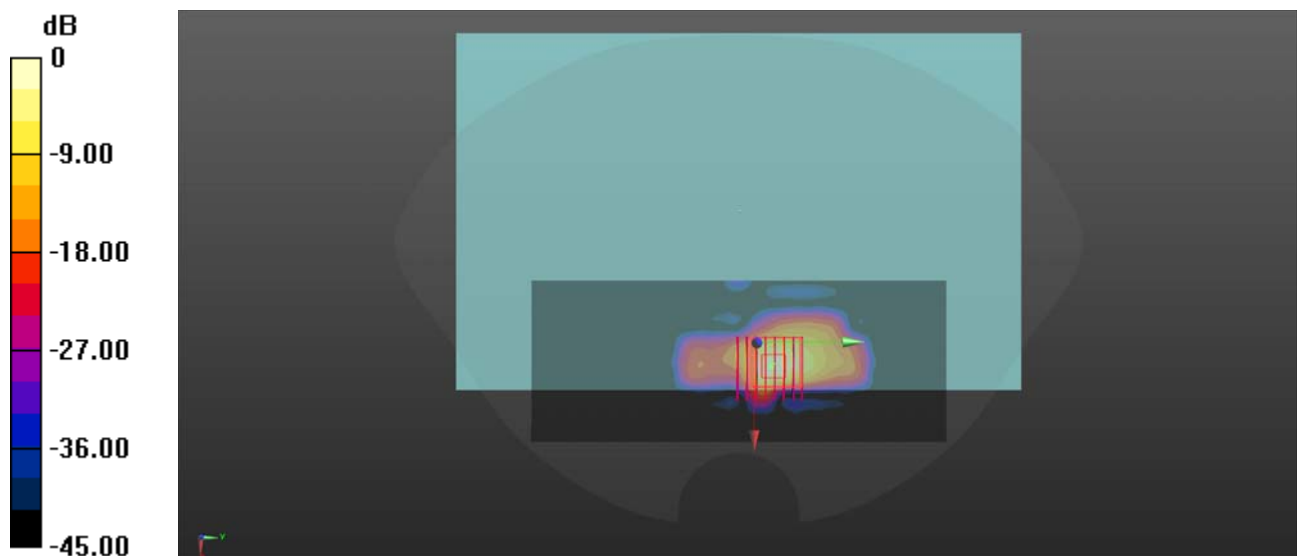
Ch48/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 4.30 W/kg

SAR(1 g) = 0.799 W/kg; SAR(10 g) = 0.263 W/kg

Maximum value of SAR (measured) = 1.60 W/kg



0 dB = 1.60 W/kg

WLAN 5.3GHz_802.11a 6Mbps_Bottom Face_0mm_Ch64

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5320 MHz; Duty Cycle: 1:1.032

Medium: HSL_5250 Medium parameters used: $f = 5320$ MHz; $\sigma = 4.824$ S/m; $\epsilon_r = 35.577$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(5.16, 5.16, 5.16) @ 5250 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2021.12.30
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch64/Area Scan (71x181x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 2.12 W/kg

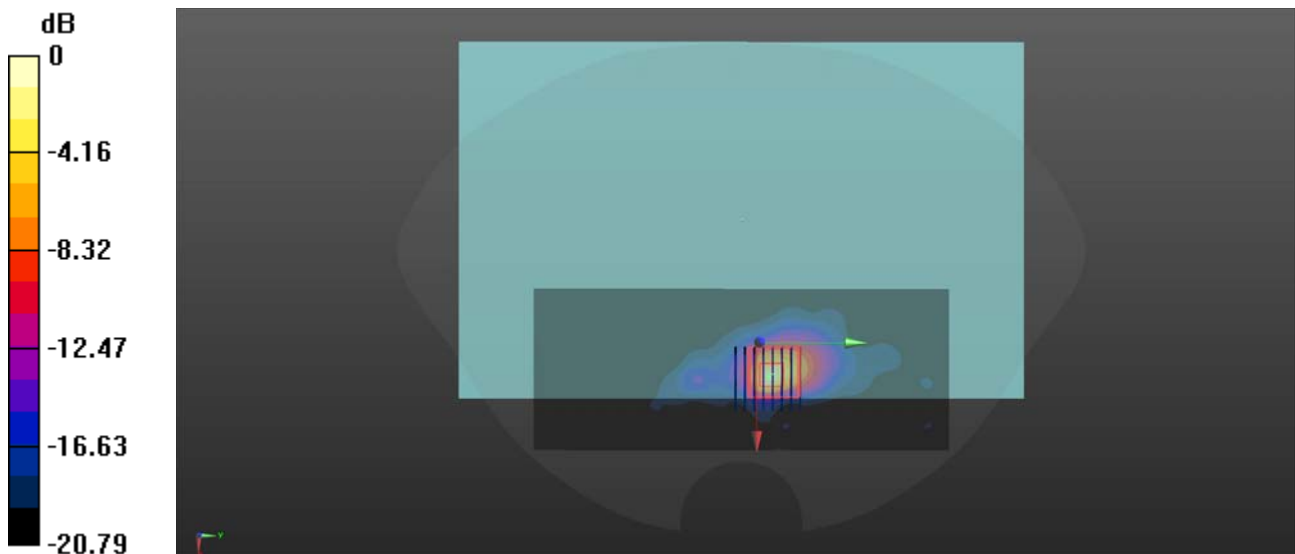
Ch64/Zoom Scan (8x8x15)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 0 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 5.75 W/kg

SAR(1 g) = 0.766 W/kg; SAR(10 g) = 0.218 W/kg

Maximum value of SAR (measured) = 2.31 W/kg



0 dB = 2.31 W/kg

WLAN 5.5GHz_802.11a 6Mbps_Bottom Face_0mm_Ch100

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5500 MHz; Duty Cycle: 1:1.032

Medium: HSL_5600 Medium parameters used: $f = 5500$ MHz; $\sigma = 4.955$ S/m; $\epsilon_r = 35.744$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(4.74, 4.74, 4.74) @ 5600 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2021.12.30
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch100/Area Scan (71x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.60 W/kg

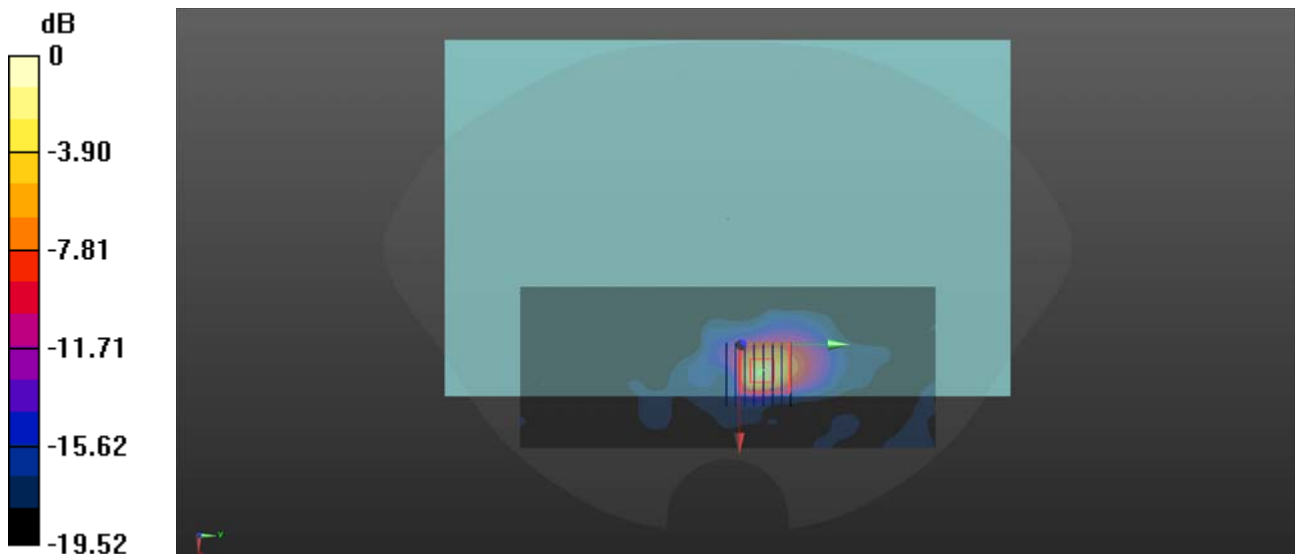
Ch100/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 5.33 W/kg

SAR(1 g) = 0.770 W/kg; SAR(10 g) = 0.185 W/kg

Maximum value of SAR (measured) = 1.91 W/kg



0 dB = 1.91 W/kg

WLAN 5.8GHz_802.11a 6Mbps_Bottom Face_0mm_Ch157

Communication System: UID 0, WLAN 5GHz (0); Frequency: 5785 MHz; Duty Cycle: 1:1.032

Medium: HSL_5750 Medium parameters used: $f = 5785$ MHz; $\sigma = 5.259$ S/m; $\epsilon_r = 35.264$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3823; ConvF(4.45, 4.45, 4.45) @ 5750 MHz; Calibrated: 2022.03.04
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2021.12.30
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch157/Area Scan (71x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

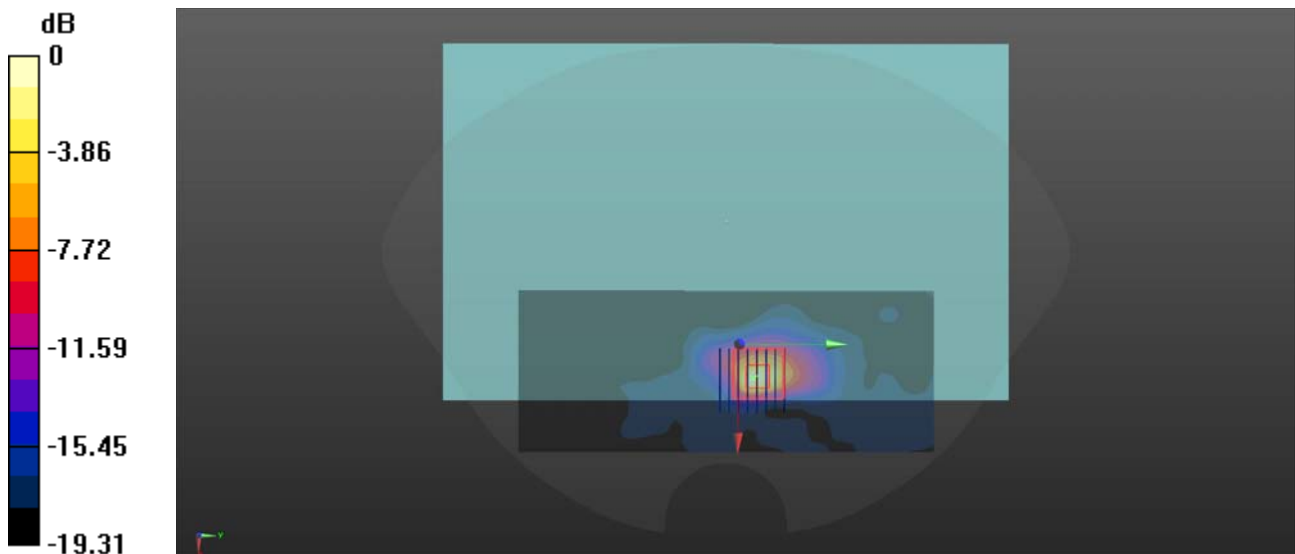
Ch157/Zoom Scan (8x8x15)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 0 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 6.05 W/kg

SAR(1 g) = 0.758 W/kg; SAR(10 g) = 0.194 W/kg

Maximum value of SAR (measured) = 1.93 W/kg



0 dB = 1.93 W/kg

Bluetooth_DH5_Edge 1_0mm_Ch78

Communication System: UID 0, Bluetooth (0); Frequency: 2480 MHz; Duty Cycle: 1:1.083
Medium: HSL_2450 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.86$ S/m; $\epsilon_r = 39.148$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.2 °C; Liquid Temperature : 22.3 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN7608; ConvF(7.42, 7.42, 7.42) @ 2450 MHz; Calibrated: 2022.01.12
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1643; Calibrated: 2021.12.30
- Phantom: Twin-SAM; Type: QD 000 P41 Ax; Serial: 2020
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Ch78/Area Scan (41x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.671 W/kg

Ch78/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.731 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.38 W/kg
SAR(1 g) = 0.409 W/kg; SAR(10 g) = 0.146 W/kg
Maximum value of SAR (measured) = 0.794 W/kg

