

01_WLAN2.4GHz_802.11b 1Mbps_Bottom Face_0mm_Ch6_Ant 2

Communication System: WIFI ; Frequency: 2437 MHz; Duty Cycle: 1:1.051

Medium: MSL_2450_160301 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.922$ S/m; $\epsilon_r = 51.32$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.08, 7.08, 7.08); Calibrated: 2015.11.27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2015.11.24
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch6/Area Scan (101x151x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.401 W/kg

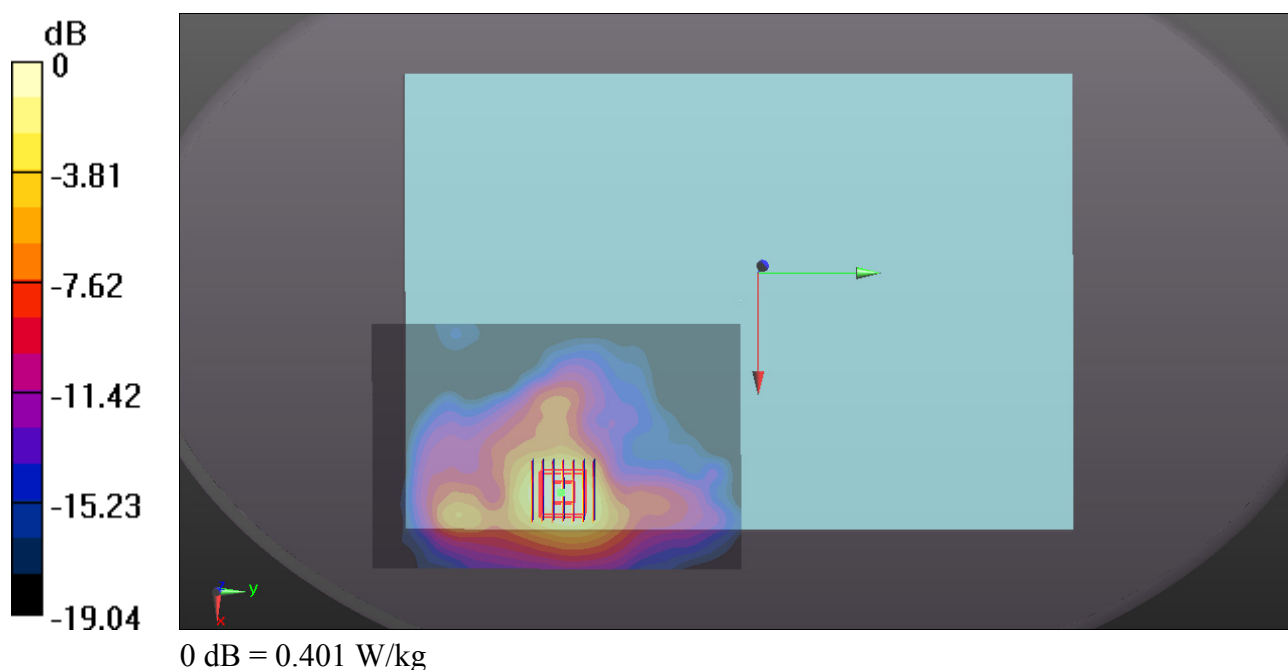
Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0.7930 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.513 W/kg

SAR(1 g) = 0.274 W/kg; SAR(10 g) = 0.148 W/kg

Maximum value of SAR (measured) = 0.386 W/kg



02_WLAN5G Band 2_802.11n-HT40 MCS0_Edge 1_0mm_Ch54_Ant 1

Communication System: WIFI ; Frequency: 5270 MHz; Duty Cycle: 1:1.106

Medium: MSL_5250_160302 Medium parameters used: $f = 5270$ MHz; $\sigma = 5.311$ S/m; $\epsilon_r = 50.931$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(4.2, 4.2, 4.2); Calibrated: 2015.11.27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2015.11.24
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch54/Area Scan (61x181x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 2.24 W/kg

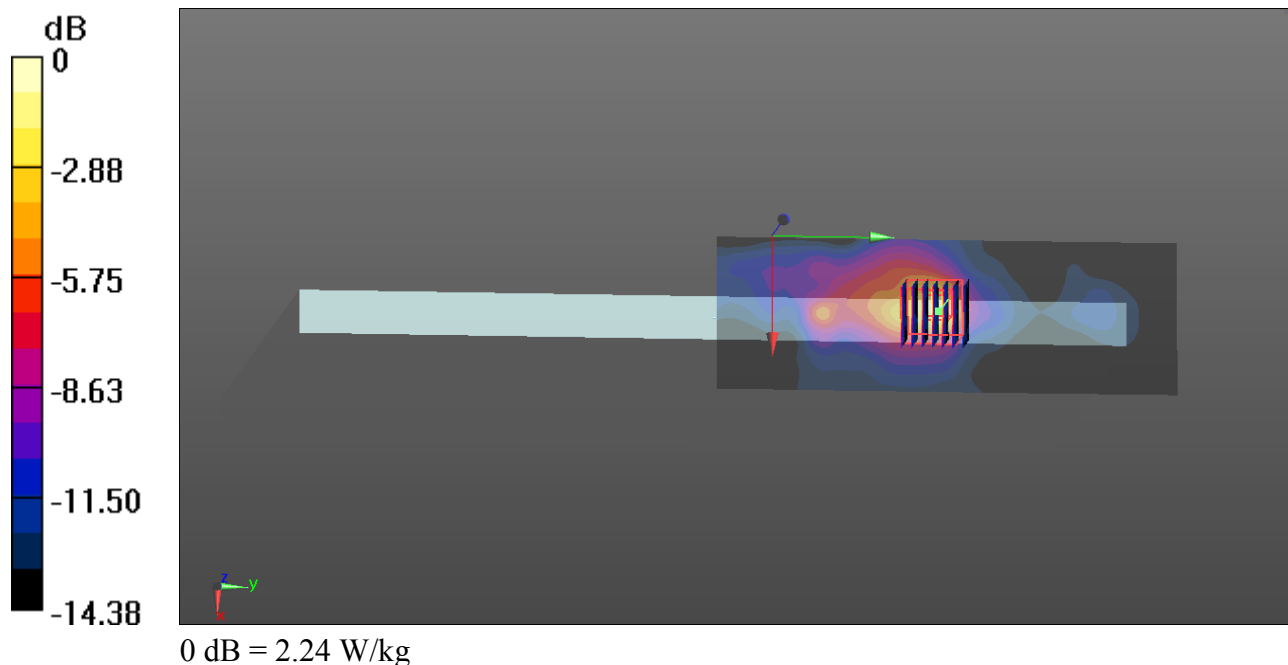
Ch54/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.199 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 3.74 W/kg

SAR(1 g) = 0.955 W/kg; SAR(10 g) = 0.342 W/kg

Maximum value of SAR (measured) = 2.24 W/kg



03_WLAN5G Band 3_802.11ac-VHT80 MCS0_Edge 1_0mm_Ch138_Ant 2

Communication System: WIFI ; Frequency: 5690 MHz; Duty Cycle: 1:1.069

Medium: MSL_5600_160302 Medium parameters used: $f = 5690$ MHz; $\sigma = 6.017$ S/m; $\epsilon_r = 47.888$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(3.67, 3.67, 3.67); Calibrated: 2015.11.27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2015.11.24
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch138/Area Scan (61x181x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.67 W/kg

Ch138/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.585 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.95 W/kg

SAR(1 g) = 0.775 W/kg; SAR(10 g) = 0.323 W/kg

Maximum value of SAR (measured) = 1.68 W/kg

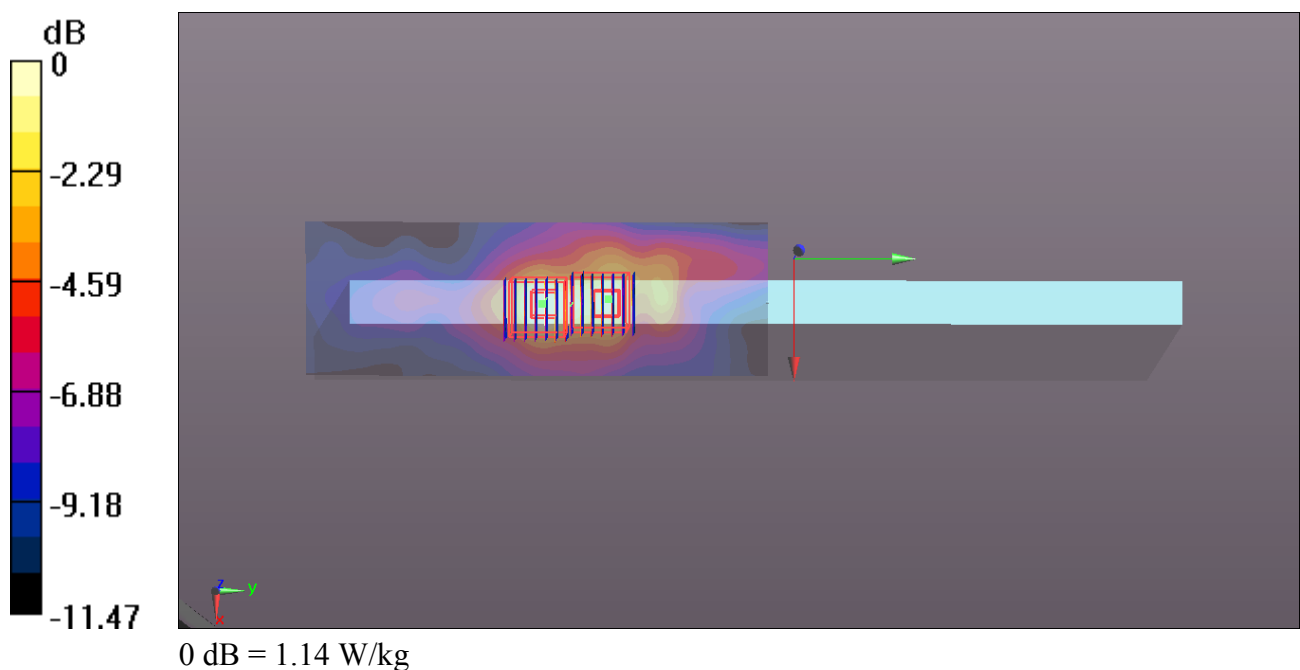
Ch138/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.585 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.86 W/kg

SAR(1 g) = 0.555 W/kg; SAR(10 g) = 0.286 W/kg

Maximum value of SAR (measured) = 1.14 W/kg



04_WLAN5G Band 4_802.11ac-VHT80 MCS0_Edge 1_0mm_Ch155_Ant 1

Communication System: WIFI ; Frequency: 5775 MHz; Duty Cycle: 1:1.055

Medium: MSL_5750_160302 Medium parameters used: $f = 5775$ MHz; $\sigma = 6.175$ S/m; $\epsilon_r = 47.531$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(3.73, 3.73, 3.73); Calibrated: 2015.11.27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2015.11.24
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch155/Area Scan (61x181x1): Interpolated grid: dx=10mm, dy=10mm

Maximum value of SAR (interpolated) = 1.39 W/kg

Ch155/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.371 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 2.58 W/kg

SAR(1 g) = 0.667 W/kg; SAR(10 g) = 0.304 W/kg

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

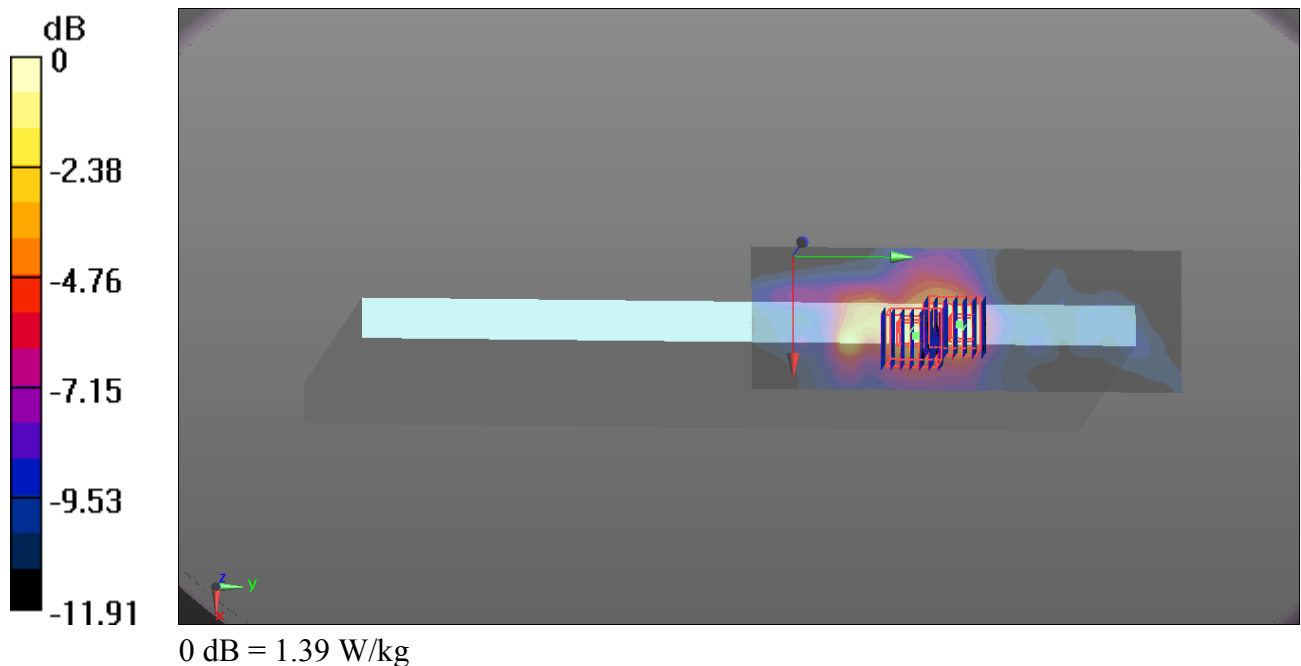
Ch155/Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.371 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 2.32 W/kg

SAR(1 g) = 0.637 W/kg; SAR(10 g) = 0.290 W/kg

Maximum value of SAR (measured) = 1.44 W/kg



05_Bluetooth_1Mbps_Bottom Face_0mm_Ch39_Ant 2

Communication System: Bluetooth ; Frequency: 2441 MHz; Duty Cycle: 1:1.2

Medium: MSL_2450_160301 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.927$ S/m; $\epsilon_r = 51.301$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3819; ConvF(7.08, 7.08, 7.08); Calibrated: 2015.11.27;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1303; Calibrated: 2015.11.24
- Phantom: SAM3; Type: QDOVA002AA; Serial: TP:1149
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch39/Area Scan (101x151x1): Interpolated grid: dx=12mm, dy=12mm

Maximum value of SAR (interpolated) = 0.0485 W/kg

Ch39/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.270 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.0720 W/kg

SAR(1 g) = 0.047 W/kg; SAR(10 g) = 0.044 W/kg

Maximum value of SAR (measured) = 0.0507 W/kg

