

#01_WLAN2.4GHz_802.11b 1Mbps_Edge 1_0mm_Ch11;Ant 1+2

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1.003

Medium: HSL_2450_211116 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.82$ S/m; $\epsilon_r = 38.775$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration

- Probe: EX3DV4 - SN3578; ConvF(7.34, 7.34, 7.34) @ 2462 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2021/8/19
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x301x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.711 W/kg

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

Reference Value = 17.79 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.396 W/kg; SAR(10 g) = 0.166 W/kg

Maximum value of SAR (measured) = 0.668 W/kg

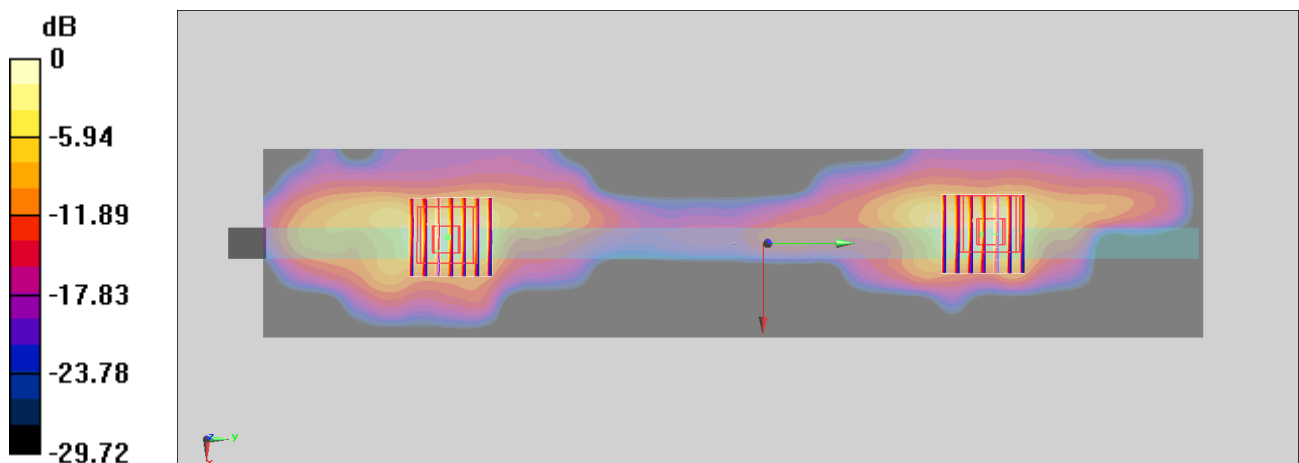
Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.79 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.866 W/kg

SAR(1 g) = 0.315 W/kg; SAR(10 g) = 0.135 W/kg

Maximum value of SAR (measured) = 0.530 W/kg



0 dB = 0.668 W/kg = -1.75 dBW/kg

#02_WLAN5GHz_802.11n-HT40 MCS0_Edge 1_0mm_Ch62;Ant 1+2

Communication System: 802.11n; Frequency: 5310 MHz; Duty Cycle: 1:1.054

Medium: HSL_5G_211116 Medium parameters used: $f = 5310$ MHz; $\sigma = 4.849$ S/m; $\epsilon_r = 36.264$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration

- Probe: EX3DV4 - SN3578; ConvF(5.39, 5.39, 5.39) @ 5310 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2021/8/19
- Phantom: ELI v4.0_Mid; Type: QDOVA001AA; Serial: TP:1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x361x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.15 W/kg

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

Reference Value = 14.14 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 2.21 W/kg

SAR(1 g) = 0.449 W/kg; SAR(10 g) = 0.167 W/kg

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

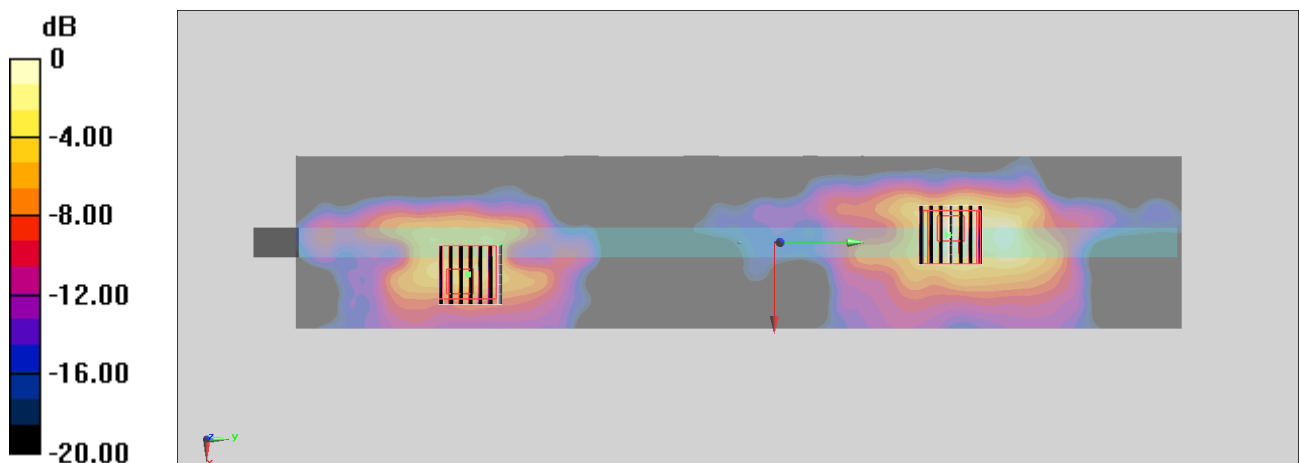
Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 14.14 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.230 W/kg; SAR(10 g) = 0.083 W/kg

Maximum value of SAR (measured) = 0.744 W/kg



#03_WLAN5GHz_802.11ac-VHT80 MCS0_Edge 1_0mm_Ch122;Ant 1+2

Communication System: 802.11ac; Frequency: 5610 MHz; Duty Cycle: 1:1.176

Medium: HSL_5G_211116 Medium parameters used: $f = 5610$ MHz; $\sigma = 5.149$ S/m; $\epsilon_r = 35.817$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration

- Probe: EX3DV4 - SN3578; ConvF(5, 5, 5) @ 5610 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2021/8/19
- Phantom: ELI v4.0_Mid; Type: QDOVA001AA; Serial: TP:1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x361x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.712 W/kg

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

Reference Value = 9.823 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.268 W/kg; SAR(10 g) = 0.107 W/kg

Maximum value of SAR (measured) = 0.675 W/kg

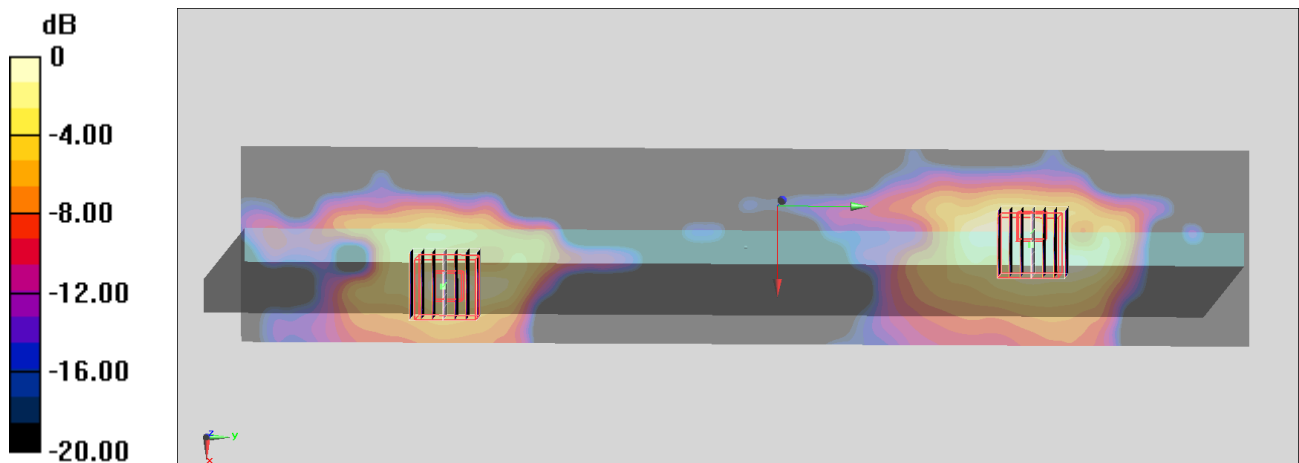
Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 9.823 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.13 W/kg

SAR(1 g) = 0.244 W/kg; SAR(10 g) = 0.080 W/kg

Maximum value of SAR (measured) = 0.586 W/kg



0 dB = 0.675 W/kg = -1.71 dBW/kg

#04_WLAN5GHz_802.11ac-VHT80 MCS0_Edge 1_0mm_Ch155;Ant 1+2

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.176

Medium: HSL_5G_211116 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.327$ S/m; $\epsilon_r = 35.65$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration

- Probe: EX3DV4 - SN3578; ConvF(5.05, 5.05, 5.05) @ 5775 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2021/8/19
- Phantom: ELI v4.0_Mid; Type: QDOVA001AA; Serial: TP:1026
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x361x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.991 W/kg

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

Reference Value = 9.301 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 2.38 W/kg

SAR(1 g) = 0.358 W/kg; SAR(10 g) = 0.111 W/kg

Maximum value of SAR (measured) = 1.13 W/kg

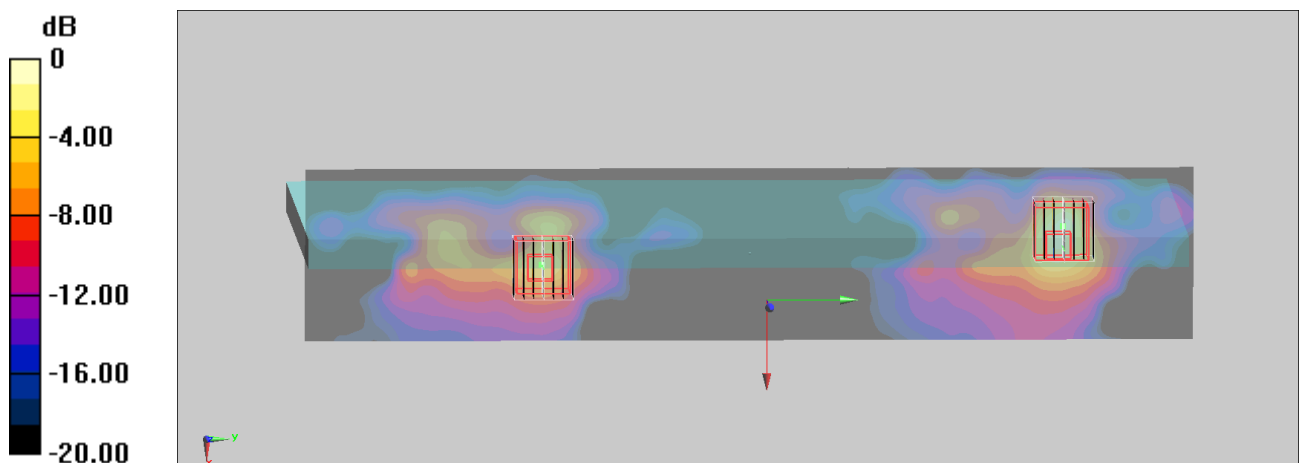
Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 9.301 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.229 W/kg; SAR(10 g) = 0.071 W/kg

Maximum value of SAR (measured) = 0.628 W/kg



0 dB = 1.13 W/kg = 0.53 dBW/kg

#05_Bluetooth_1Mbps_Edge 1_0mm_Ch39;Ant 1

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.301

Medium: HSL_2450_211116 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.806$ S/m; $\epsilon_r = 38.64$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C ; Liquid Temperature : 22.5 °C

DASY5 Configuration

- Probe: EX3DV4 - SN3578; ConvF(7.34, 7.34, 7.34) @ 2441 MHz; Calibrated: 2021/6/23
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2021/8/19
- Phantom: ELI v5.0_Left; Type: QDOVA002AA; Serial: TP:1191
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (61x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0668 W/kg

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

Reference Value = 4.177 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.0850 W/kg

SAR(1 g) = 0.048 W/kg; SAR(10 g) = 0.038 W/kg

Maximum value of SAR (measured) = 0.0626 W/kg

