

#01_WLAN2.4GHz_802.11b 1Mbps_Edge 3_0mm_Ch1;Ant 1+2

Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1.010

Medium: MSL_2450_170612 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.909$ S/m; $\epsilon_r = 53.327$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.28, 4.28, 4.28); Calibrated: 2016/8/26;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Area Scan (61x221x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.165 W/kg

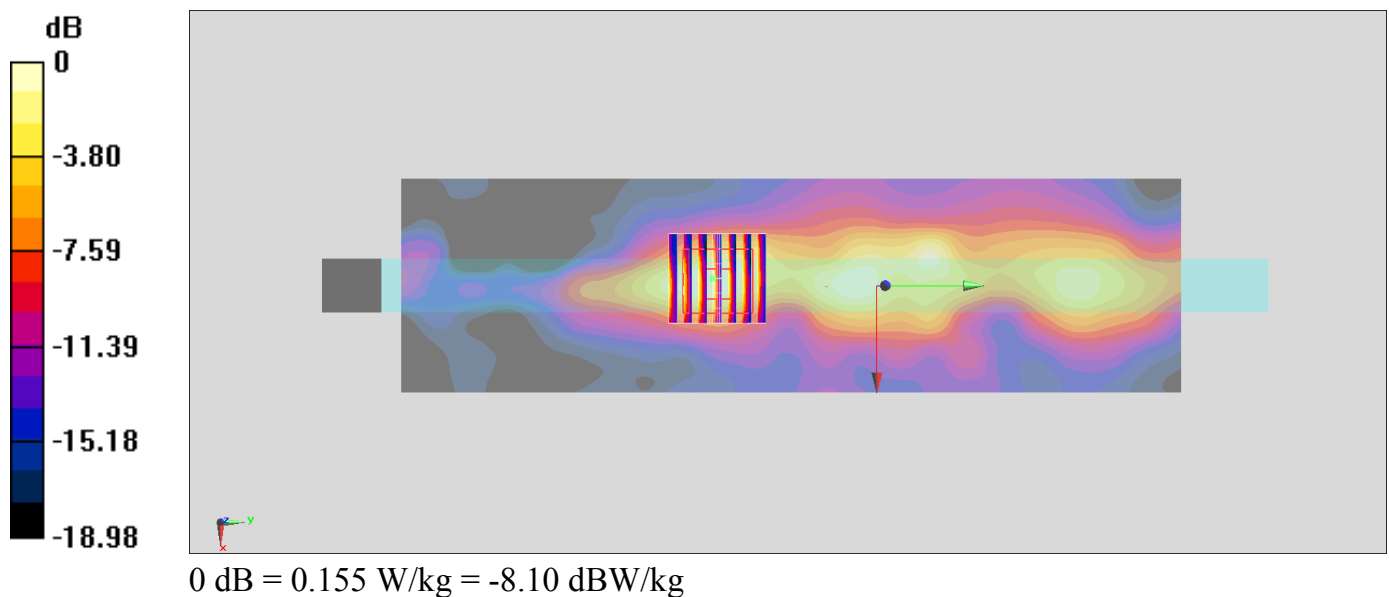
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.946 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.253 W/kg

SAR(1 g) = 0.118 W/kg; SAR(10 g) = 0.051 W/kg

Maximum value of SAR (measured) = 0.155 W/kg



#02_WLAN5GHz_802.11ac-VHT80 MCS0_Edge 3_0mm_Ch58;Ant 1+2

Communication System: 802.11ac; Frequency: 5290 MHz; Duty Cycle: 1:1.173

Medium: MSL_5G_170613 Medium parameters used: $f = 5290$ MHz; $\sigma = 5.532$ S/m; $\epsilon_r = 47.762$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.59, 4.59, 4.59); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Area Scan (81x261x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.396 W/kg

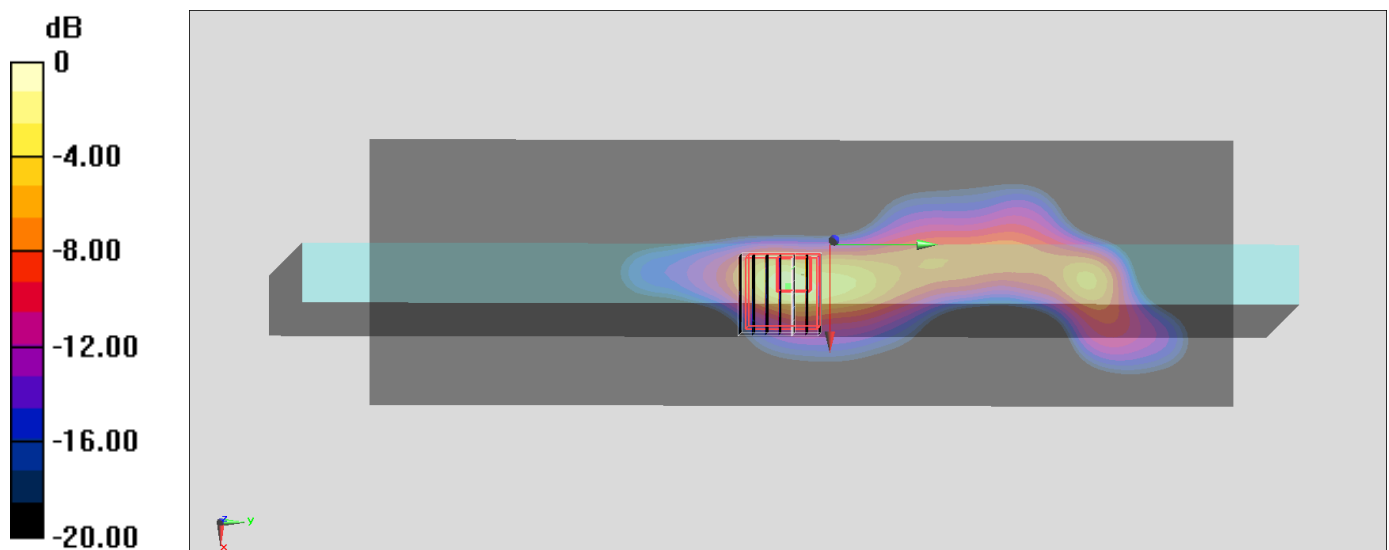
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.548 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.904 W/kg

SAR(1 g) = 0.216 W/kg; SAR(10 g) = 0.044 W/kg

Maximum value of SAR (measured) = 0.578 W/kg



0 dB = 0.578 W/kg = -2.38 dBW/kg

#03_WLAN5GHz_802.11ac-VHT80 MCS0_Edge 3_0mm_Ch138;Ant 1+2

Communication System: 802.11ac; Frequency: 5690 MHz; Duty Cycle: 1:1.173

Medium: MSL_5G_170613 Medium parameters used: $f = 5690$ MHz; $\sigma = 6.082$ S/m; $\epsilon_r = 47.093$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.14, 4.14, 4.14); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Area Scan (81x261x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.319 W/kg

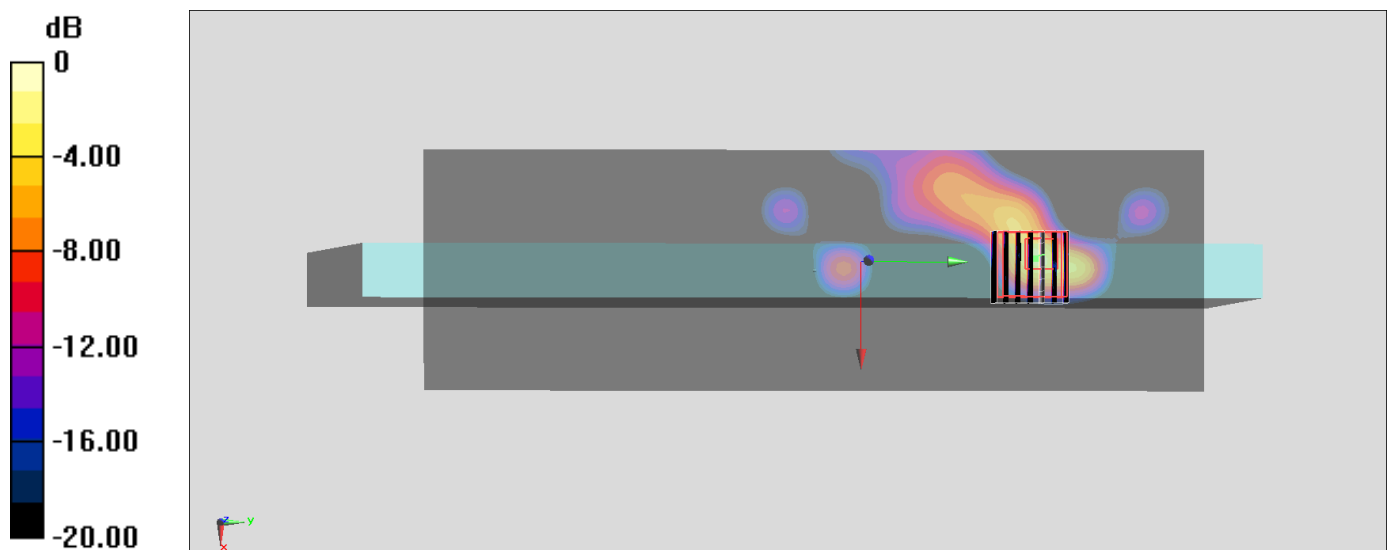
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.284 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.791 W/kg

SAR(1 g) = 0.163 W/kg; SAR(10 g) = 0.038 W/kg

Maximum value of SAR (measured) = 0.507 W/kg



0 dB = 0.507 W/kg = -2.95 dBW/kg

#04_WLAN5GHz_802.11n-HT40 MCS0_Edge 3_0mm_Ch151;Ant 1+2;WNC

Communication System: 802.11n ; Frequency: 5755 MHz;Duty Cycle: 1:1.126

Medium: MSL_5G_170613 Medium parameters used: $f = 5755$ MHz; $\sigma = 6.171$ S/m; $\epsilon_r = 46.955$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.14, 4.14, 4.14); Calibrated: 2017/5/24;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2017/5/22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7331)

Area Scan (81x261x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.490 W/kg

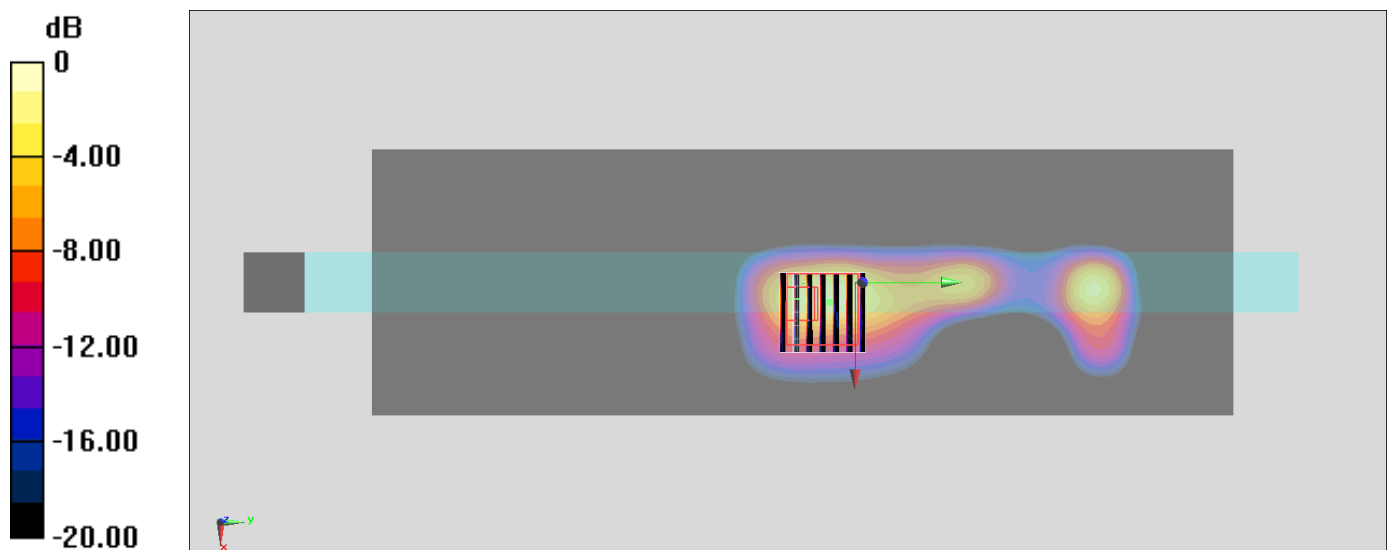
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.379 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.218 W/kg; SAR(10 g) = 0.058 W/kg

Maximum value of SAR (measured) = 0.644 W/kg



0 dB = 0.644 W/kg = -1.91 dBW/kg

#05_Bluetooth_1Mbps_Bottom Face_0mm_Ch39

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.297

Medium: MSL_2450_170612 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.948$ S/m; $\epsilon_r = 53.217$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.28, 4.28, 4.28); Calibrated: 2016/8/26;
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2017/5/22
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Area Scan (61x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0170 W/kg

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

Reference Value = 2.724 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.0260 W/kg

SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.00944 W/kg

Maximum value of SAR (measured) = 0.0165 W/kg

