

#01_WLAN2.4GHz_802.11b 1Mbps_Edge 1_0mm_Ch6;Ant 1+2;WNC

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1.010

Medium: MSL_2450_170622 Medium parameters used: $f = 2437$ MHz; $\sigma = 1.967$ S/m; $\epsilon_r = 54.805$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °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:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (51x251x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.294 W/kg

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

Reference Value = 9.846 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.575 W/kg

SAR(1 g) = 0.263 W/kg; SAR(10 g) = 0.109 W/kg

Maximum value of SAR (measured) = 0.361 W/kg

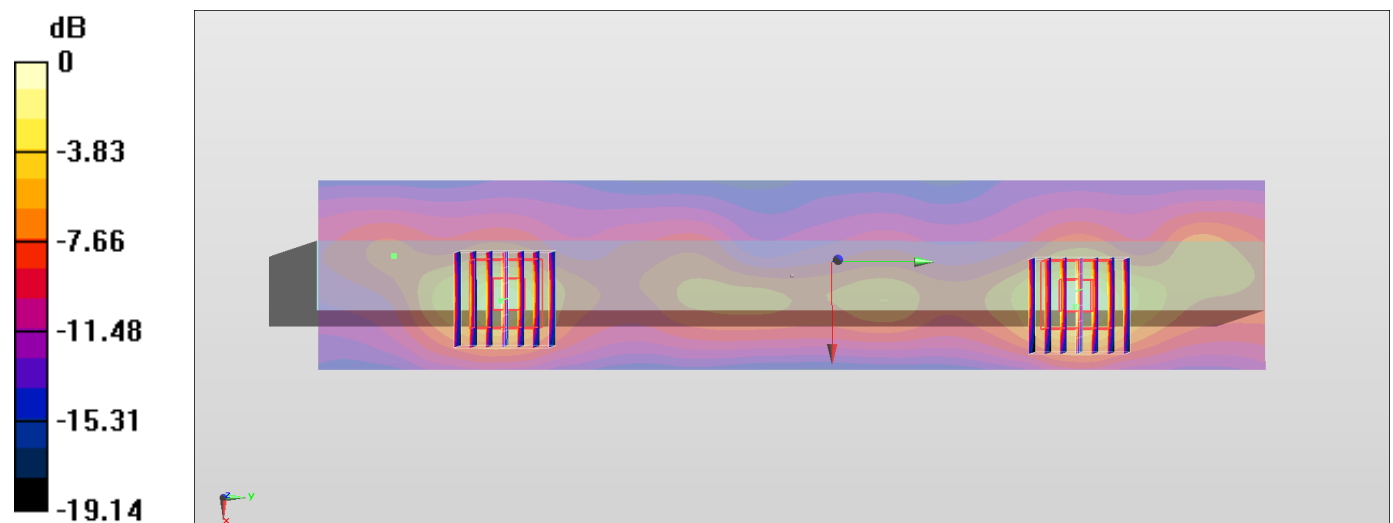
Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.846 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.462 W/kg

SAR(1 g) = 0.196 W/kg; SAR(10 g) = 0.082 W/kg

Maximum value of SAR (measured) = 0.272 W/kg



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

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

Medium: MSL_5G_170622 Medium parameters used: $f = 5290$ MHz; $\sigma = 5.526$ S/m; $\epsilon_r = 47.711$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °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:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (61x301x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.382 W/kg

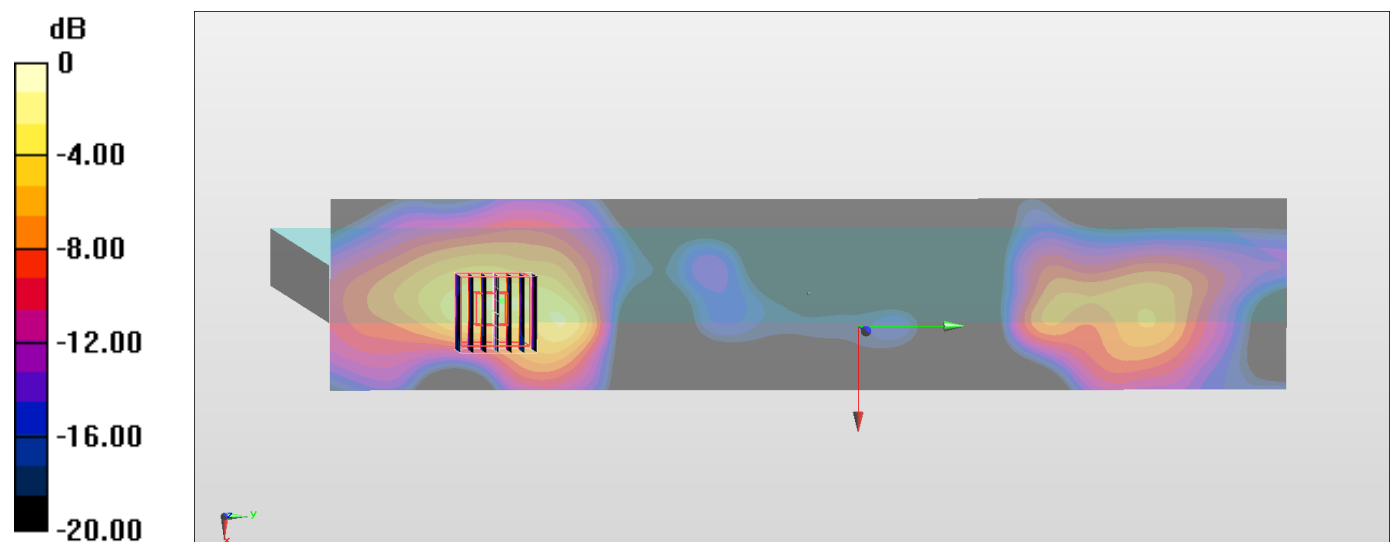
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 12.40 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.257 W/kg; SAR(10 g) = 0.082 W/kg

Maximum value of SAR (measured) = 0.663 W/kg



0 dB = 0.663 W/kg = -1.78 dBW/kg

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

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

Medium: MSL_5G_170622 Medium parameters used: $f = 5690$ MHz; $\sigma = 6.075$ S/m; $\epsilon_r = 47.041$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °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:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (61x301x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.608 W/kg

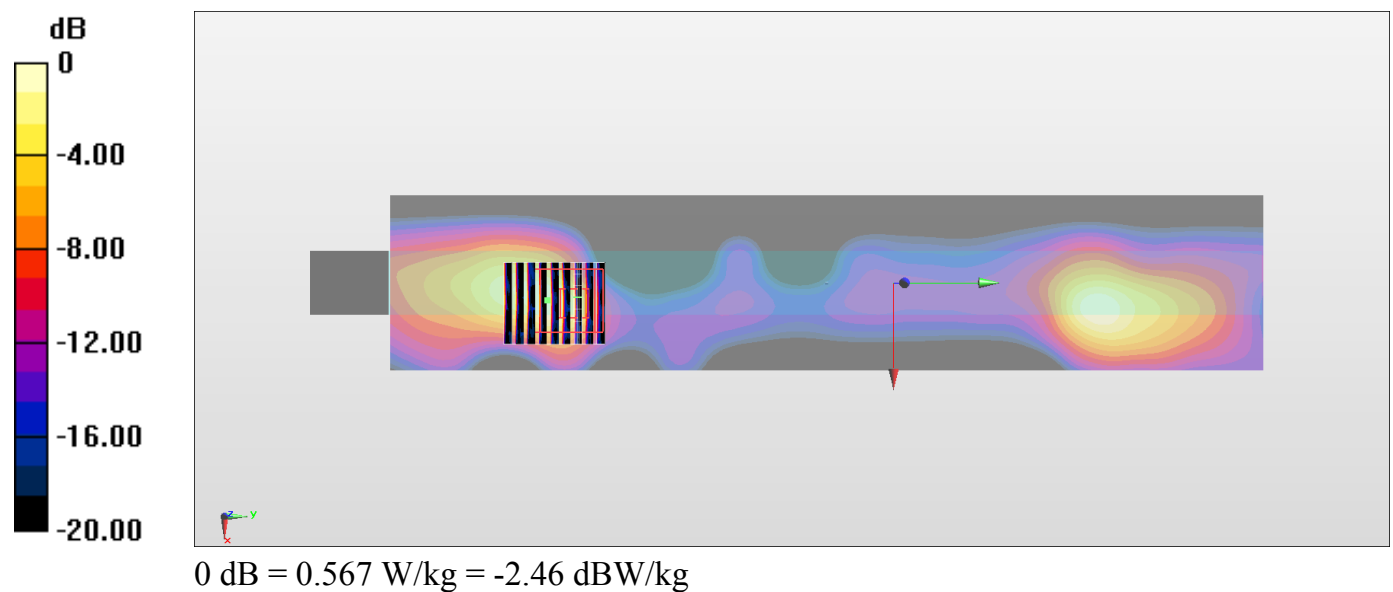
Zoom Scan (8x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.812 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.981 W/kg

SAR(1 g) = 0.208 W/kg; SAR(10 g) = 0.057 W/kg

Maximum value of SAR (measured) = 0.567 W/kg



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

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

Medium: MSL_5G_170622 Medium parameters used: $f = 5755$ MHz; $\sigma = 6.164$ S/m; $\epsilon_r = 46.904$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °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:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (61x301x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.740 W/kg

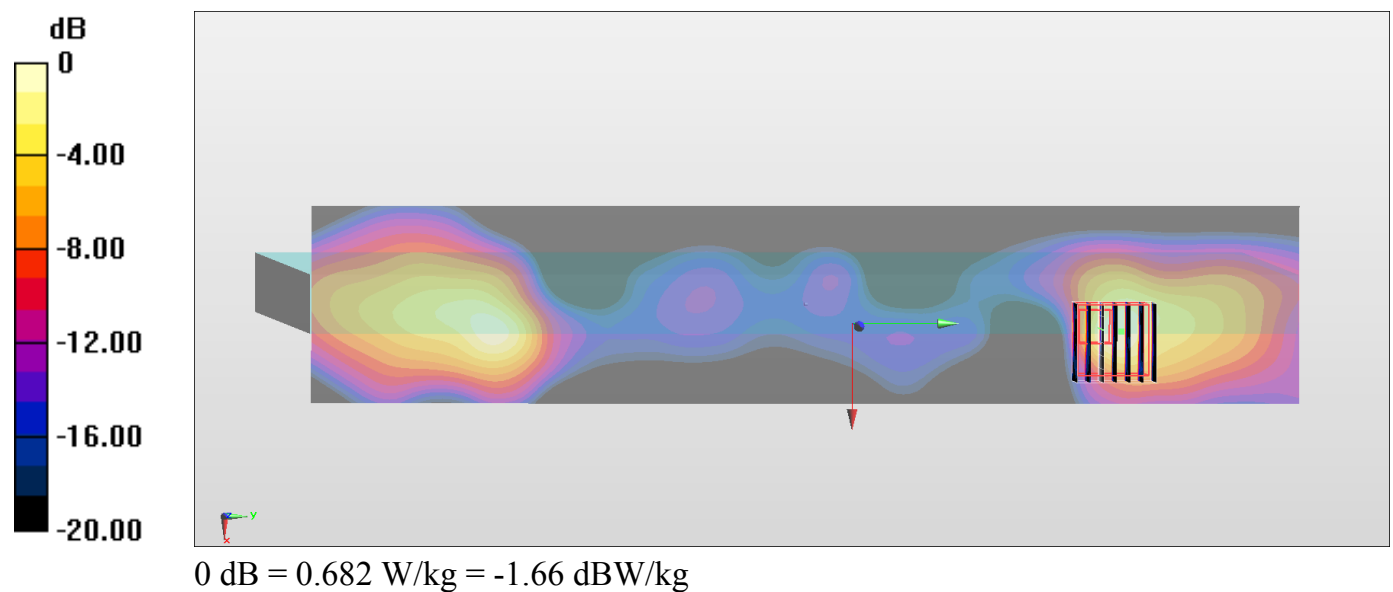
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.989 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.241 W/kg; SAR(10 g) = 0.067 W/kg

Maximum value of SAR (measured) = 0.682 W/kg



#05_Bluetooth_1Mbps_Edge 1_0mm_Ch78

Communication System: Bluetooth ; Frequency: 2480 MHz;Duty Cycle: 1:1.297

Medium: MSL_2450_170622 Medium parameters used: $f = 2480$ MHz; $\sigma = 2.024$ S/m; $\epsilon_r = 54.636$;

$\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °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:1227
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (51x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0928 W/kg

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

Reference Value = 6.042 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.151 W/kg

SAR(1 g) = 0.068 W/kg; SAR(10 g) = 0.031 W/kg

Maximum value of SAR (measured) = 0.0938 W/kg

