

#01_WLAN2.4GHz_802.11b 1Mbps_Edge 1_0mm_Ch11;Ant 0+1

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1.01

Medium: MSL_2450_150624 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.026$ S/m; $\epsilon_r = 52.655$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(7.32, 7.32, 7.32); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: ELI_Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch11/Area Scan (61x331x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
Maximum value of SAR (interpolated) = 1.97 W/kg

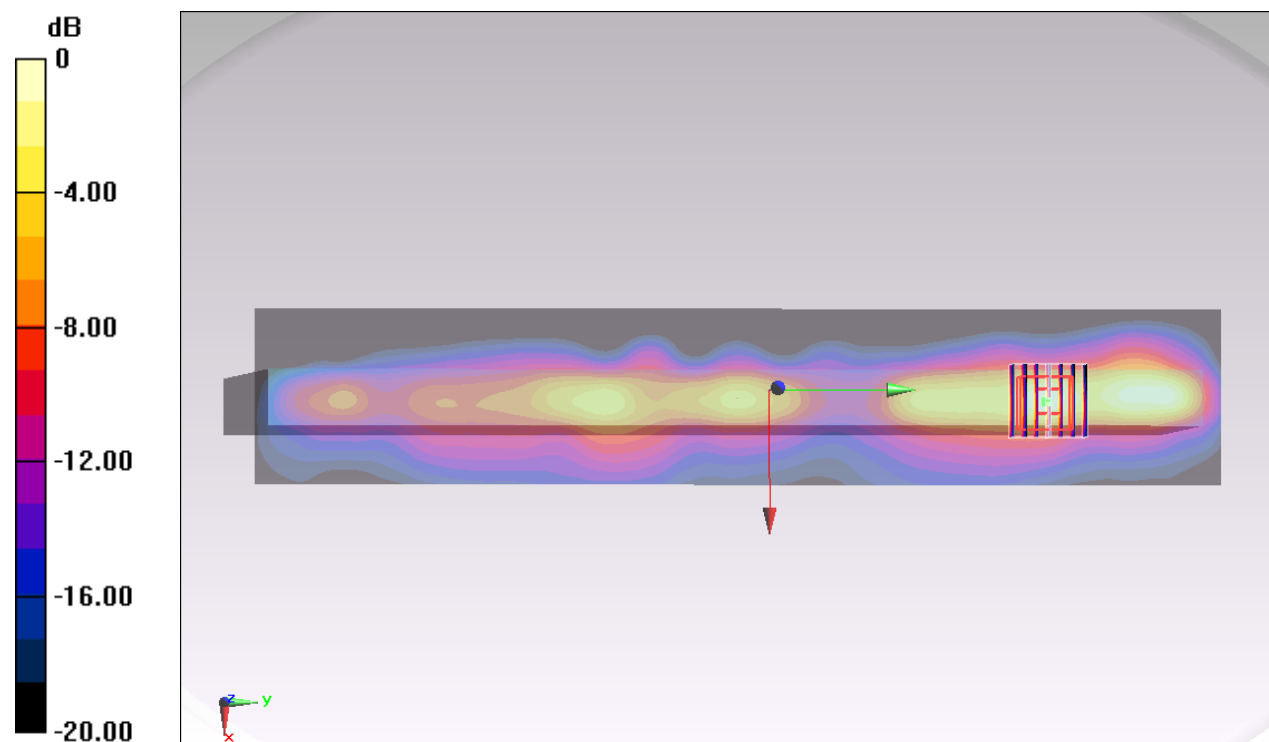
Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 32.21 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 2.53 W/kg

SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.497 W/kg

Maximum value of SAR (measured) = 1.99 W/kg



0 dB = 1.99 W/kg = 2.99 dBW/kg

#02_WLAN5GHz_802.11a 6Mbps_Edge 1_0mm_Ch60

Communication System: 802.11a ; Frequency: 5300 MHz; Duty Cycle: 1:1.048

Medium: MSL_5G_150625 Medium parameters used: $f = 5300$ MHz; $\sigma = 5.588$ S/m; $\epsilon_r = 47.906$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(4.44, 4.44, 4.44); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: ELI_Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch60/Area Scan (81x401x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 1.03 W/kg

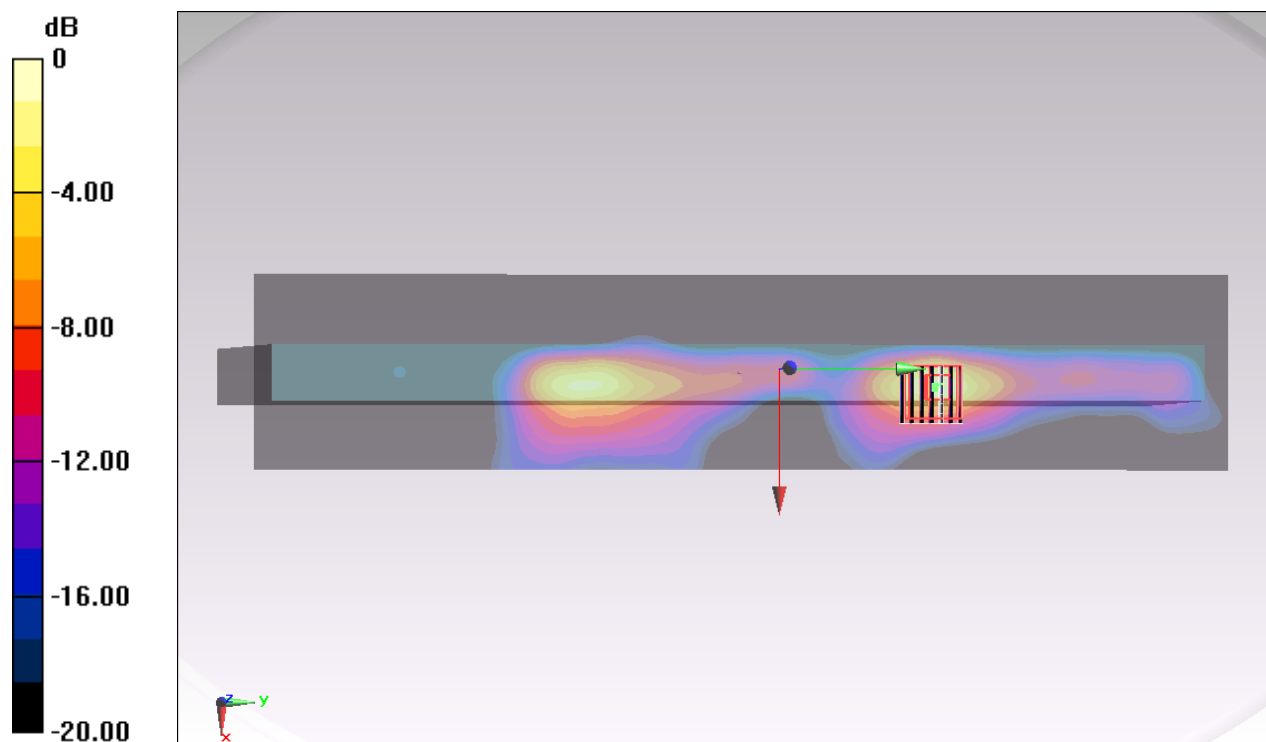
Configuration/Ch60/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 17.51 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 2.14 W/kg

SAR(1 g) = 0.531 W/kg; SAR(10 g) = 0.140 W/kg

Maximum value of SAR (measured) = 1.34 W/kg



0 dB = 1.34 W/kg = 1.27 dBW/kg

#03_WLAN5GHz_802.11a 6Mbps_Edge 1_0mm_Ch132;Ant 0+1

Communication System: 802.11a ; Frequency: 5660 MHz;Duty Cycle: 1:1.048

Medium: MSL_5G_150625 Medium parameters used: $f = 5660$ MHz; $\sigma = 6.003$ S/m; $\epsilon_r = 47.164$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.4 °C ; Liquid Temperature : 22.4 °C

DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(4.11, 4.11, 4.11); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: ELI_Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch132/Area Scan (81x401x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.82 W/kg

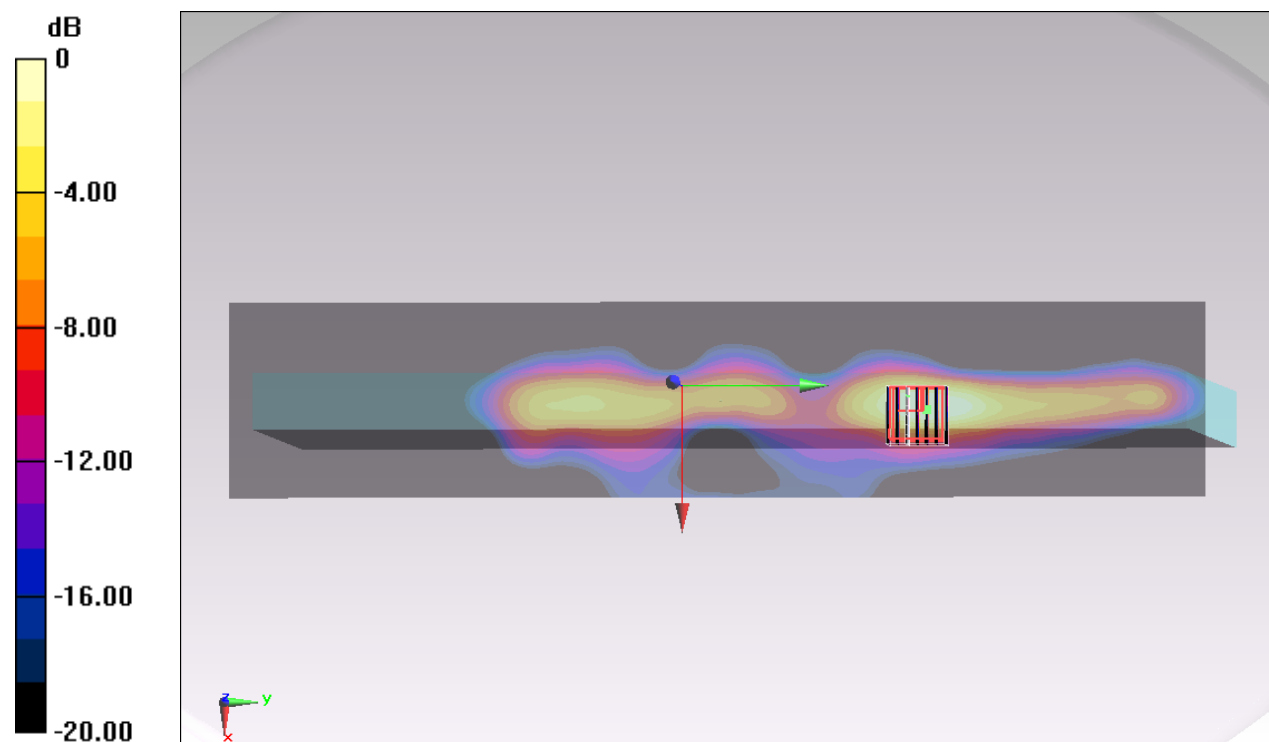
Configuration/Ch132/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 18.32 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.92 W/kg

SAR(1 g) = 0.640 W/kg; SAR(10 g) = 0.181 W/kg

Maximum value of SAR (measured) = 1.64 W/kg



0 dB = 1.64 W/kg = 2.15 dBW/kg

#04_WLAN5GHz_802.11ac-VHT80 MCS0_Edge 1_0mm_Ch155;Ant 0+1

Communication System: 802.11ac ; Frequency: 5775 MHz;Duty Cycle: 1:1.175

Medium: MSL_5G_150626 Medium parameters used : $f = 5775$ MHz; $\sigma = 6.163$ S/m; $\epsilon_r = 46.974$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °C

DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(4.26, 4.26, 4.26); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: ELI_Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch155/Area Scan (101x401x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.19 W/kg

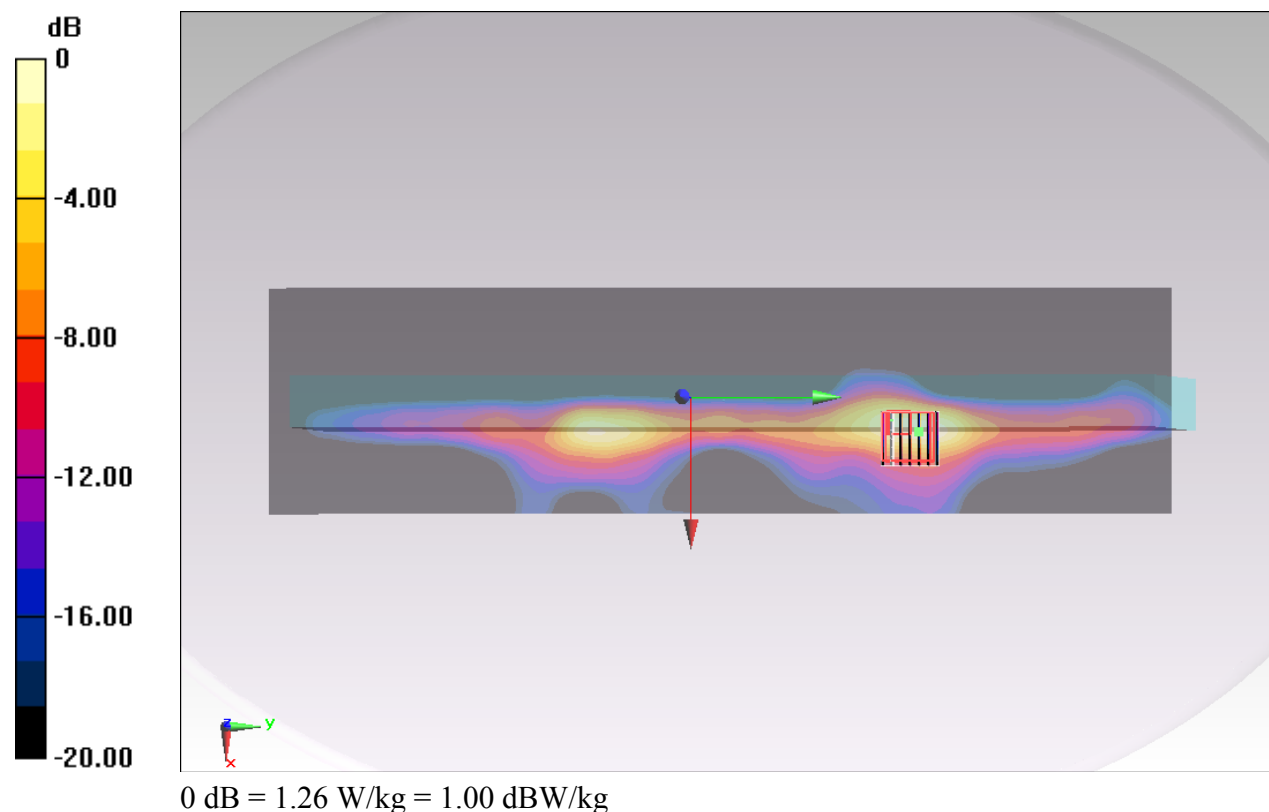
Configuration/Ch155/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 12.42 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 2.24 W/kg

SAR(1 g) = 0.499 W/kg; SAR(10 g) = 0.153 W/kg

Maximum value of SAR (measured) = 1.26 W/kg



#05_Bluetooth_1Mbps_Edge 1_0mm_Ch78

Communication System: Bluetooth ; Frequency: 2480 MHz; Duty Cycle: 1:1.2

Medium: MSL_2450_150624 Medium parameters used: $f = 2480$ MHz; $\sigma = 2.05$ S/m; $\epsilon_r = 52.578$; $\rho = 1000$ kg/m³

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

DASY5 Configuration

- Probe: EX3DV4 - SN3955; ConvF(7.32, 7.32, 7.32); Calibrated: 2014/11/21;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2014/11/13
- Phantom: ELI_Left; Type: QDOVA002AA; Serial: TP:1131
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/Ch78/Area Scan (61x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0754 W/kg

Configuration/Ch78/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 5.016 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.169 W/kg

SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.032 W/kg

Maximum value of SAR (measured) = 0.124 W/kg

