

#01_WLAN2.4GHz_802.11b 1Mbps_Bottom of Laptop_0mm_Ch1;Ant 1+2

Communication System: 802.11b; Frequency: 2412 MHz; Duty Cycle: 1:1.011

Medium: MSL_2450_190108 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.877$ S/m; $\epsilon_r = 53.157$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.63, 7.63, 7.63) ; Calibrated: 2018/5/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (51x141x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.31 W/kg

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

Reference Value = 22.70 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.54 W/kg

SAR(1 g) = 0.755 W/kg; SAR(10 g) = 0.358 W/kg

Maximum value of SAR (measured) = 1.25 W/kg

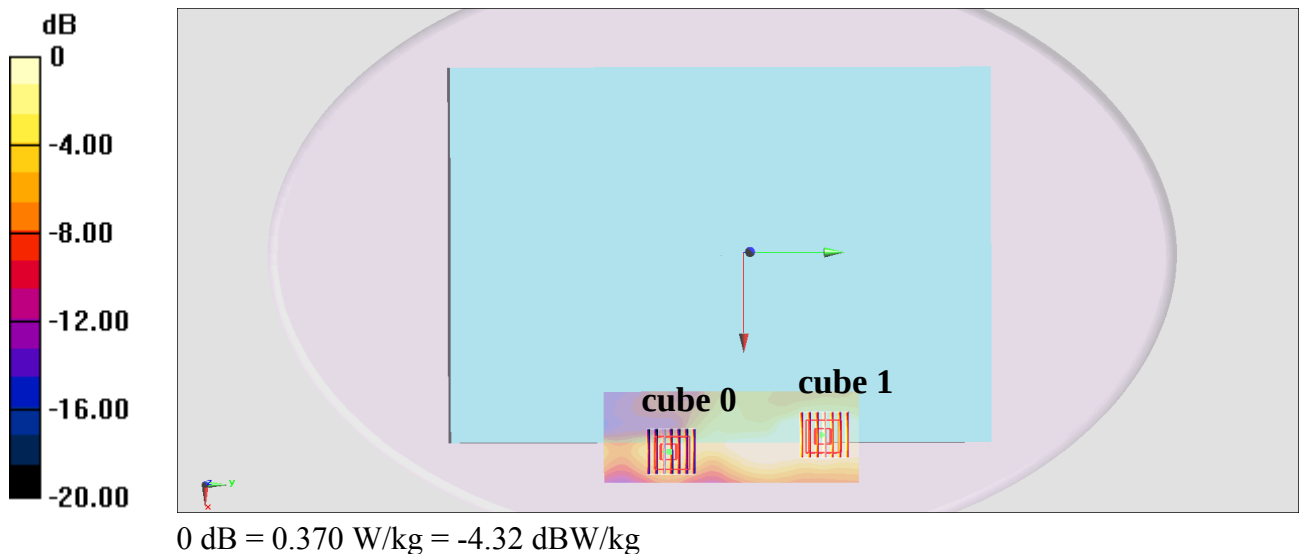
Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.70 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.455 W/kg

SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.103 W/kg

Maximum value of SAR (measured) = 0.370 W/kg



#02_WLAN5GHz_802.11a 6Mbps_Bottom of Laptop_0mm_Ch64;Ant 1+2

Communication System: 802.11a; Frequency: 5320 MHz; Duty Cycle: 1:1.056

Medium: MSL_5G_190109 Medium parameters used: $f = 5320$ MHz; $\sigma = 5.488$ S/m; $\epsilon_r = 47.203$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.9 °C ; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.44, 4.44, 4.44) ; Calibrated: 2018/5/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (61x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.831 W/kg

Zoom Scan (9x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.70 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.82 W/kg

SAR(1 g) = 0.530 W/kg; SAR(10 g) = 0.174 W/kg

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

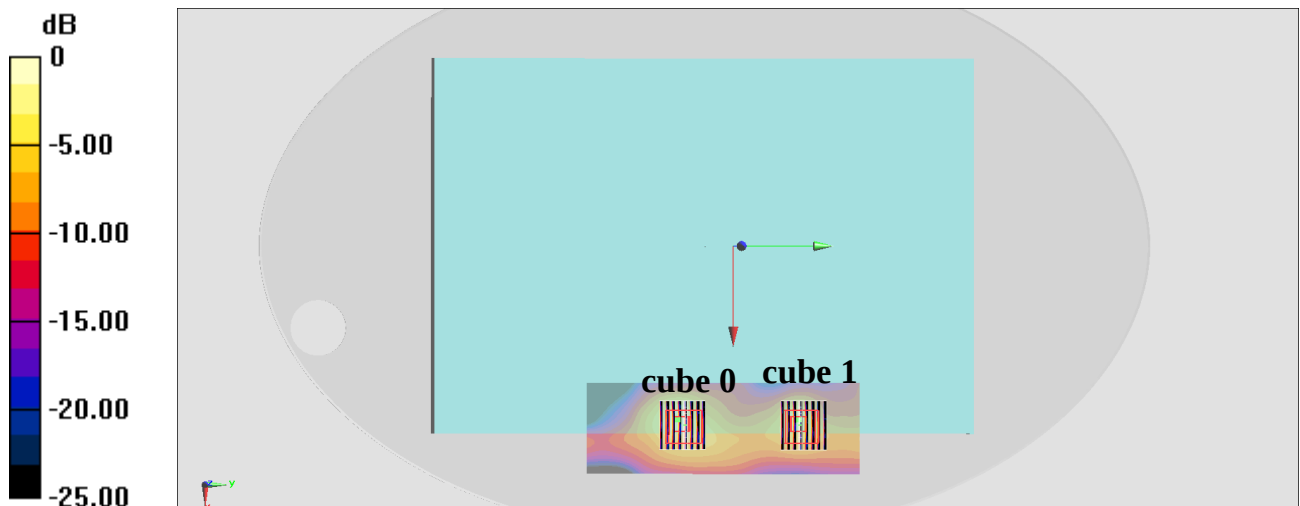
Zoom Scan (9x8x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 10.70 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.21 W/kg

SAR(1 g) = 0.338 W/kg; SAR(10 g) = 0.107 W/kg

Maximum value of SAR (measured) = 0.784 W/kg



0 dB = 0.784 W/kg = -1.06 dBW/kg

#03_WLAN5GHz_802.11a 6Mbps_Bottom of Laptop_0mm_Ch100;Ant 1+2

Communication System: 802.11a; Frequency: 5500 MHz; Duty Cycle: 1:1.056

Medium: MSL_5G_190109 Medium parameters used: $f = 5500$ MHz; $\sigma = 5.727$ S/m; $\epsilon_r = 46.937$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.9 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(3.82, 3.82, 3.82) ; Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (61x151x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 1.36 W/kg

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

Reference Value = 12.95 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 2.16 W/kg

SAR(1 g) = 0.574 W/kg; SAR(10 g) = 0.194 W/kg

Maximum value of SAR (measured) = 1.32 W/kg

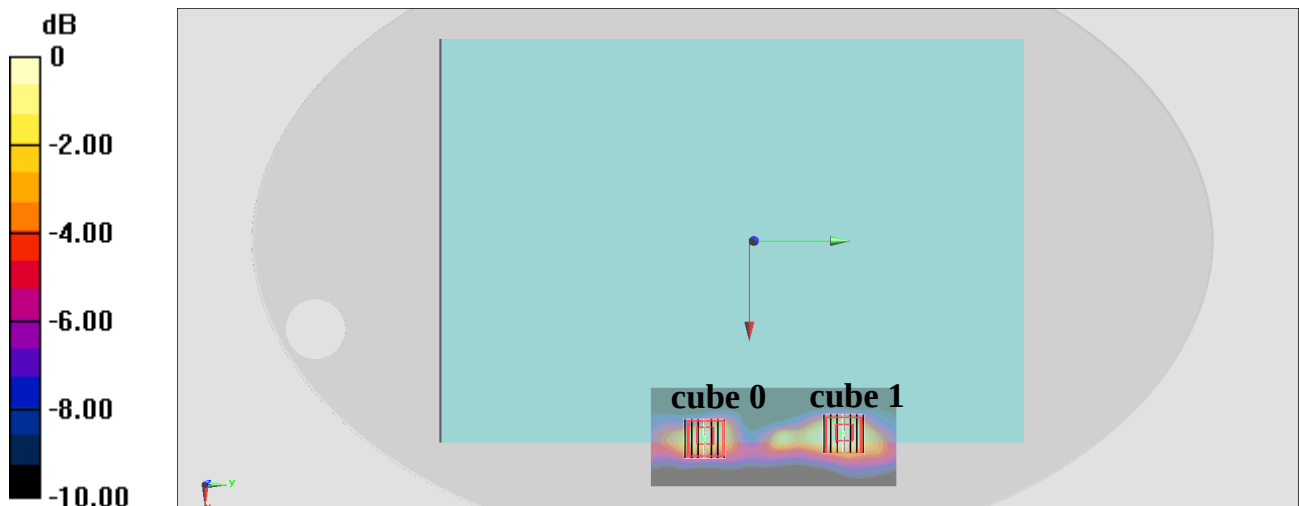
Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 12.95 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.67 W/kg

SAR(1 g) = 0.435 W/kg; SAR(10 g) = 0.150 W/kg

Maximum value of SAR (measured) = 0.967 W/kg



0 dB = 0.967 W/kg = -0.15 dBW/kg

#04_WLAN5GHz_802.11a 6Mbps_Bottom of Laptop_0mm_Ch165;Ant 1+2

Communication System: 802.11a; Frequency: 5825 MHz; Duty Cycle: 1:1.056

Medium: MSL_5G_190109 Medium parameters used: $f = 5825$ MHz; $\sigma = 6.169$ S/m; $\epsilon_r = 46.399$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.9 °C; Liquid Temperature : 22.9 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(4.11, 4.11, 4.11) ; Calibrated: 2018/9/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (61x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.777 W/kg

Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 12.42 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 2.09 W/kg

SAR(1 g) = 0.497 W/kg; SAR(10 g) = 0.161 W/kg

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

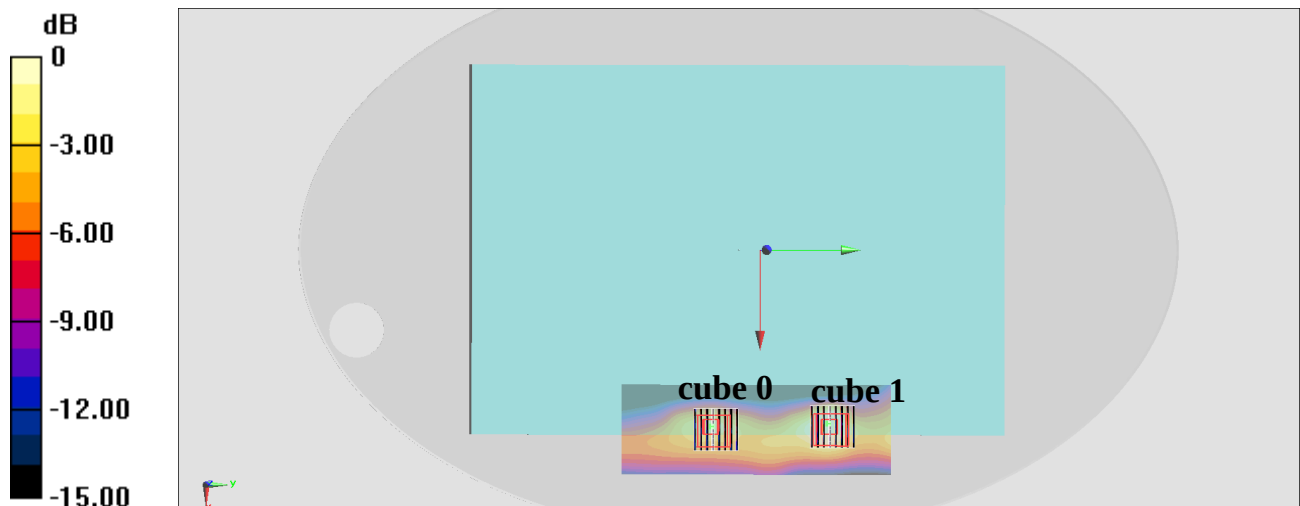
Zoom Scan (8x8x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 12.42 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.715 W/kg

SAR(1 g) = 0.185 W/kg; SAR(10 g) = 0.076 W/kg

Maximum value of SAR (measured) = 0.424 W/kg



0 dB = 0.424 W/kg = -3.73 dBW/kg

#05_Bluetooth_1Mbps_Bottom of Laptop_0mm_Ch78;Ant 2

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

Medium: MSL_2450_190108 Medium parameters used: $f = 2480$ MHz; $\sigma = 1.965$ S/m; $\epsilon_r = 52.913$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.63, 7.63, 7.63) ; Calibrated: 2018/5/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (61x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0132 W/kg

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

Reference Value = 1.551 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.0620 W/kg

SAR(1 g) = 0.00403 W/kg; SAR(10 g) = 0.000908 W/kg

Maximum value of SAR (measured) = 0.0310 W/kg

