

#01_WLAN2.4GHz_802.11b 1Mbps_Bottom Face_0mm_Ch11;Ant 1+2

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1.012

Medium: HSL_2450_200214 Medium parameters used: $f = 2462$ MHz; $\sigma = 1.815$ S/m; $\epsilon_r = 38.775$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(7.6, 7.6, 7.6); Calibrated: 2019/9/20;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (81x301x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 2.29 W/kg

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

Reference Value = 27.70 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.08 W/kg

SAR(1 g) = 0.914 W/kg; SAR(10 g) = 0.448 W/kg

Maximum value of SAR (measured) = 1.58 W/kg

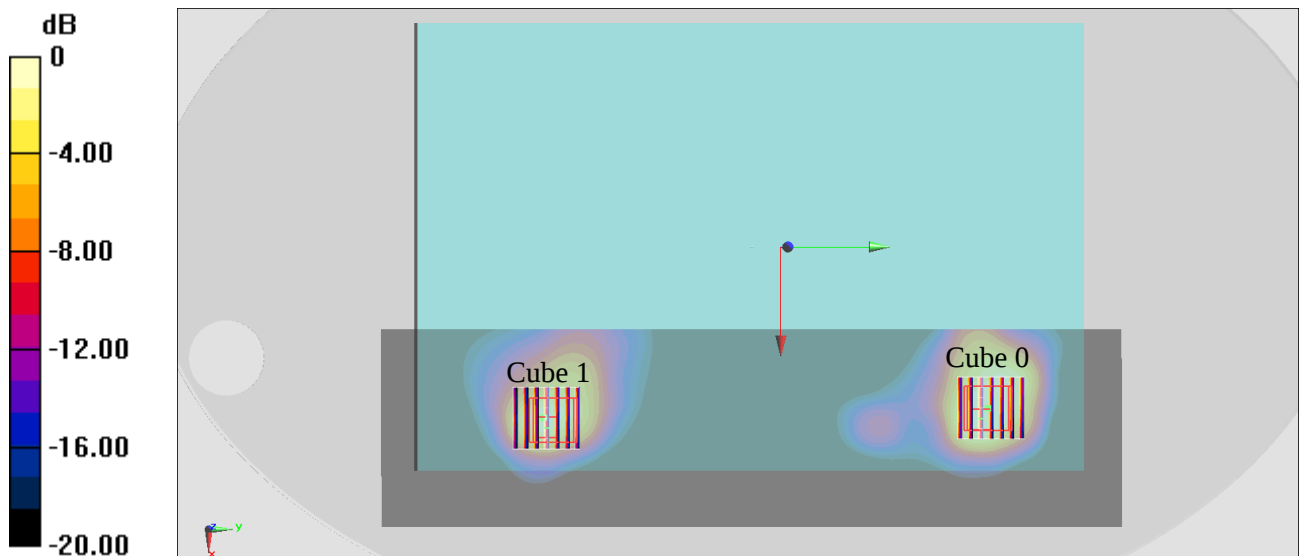
Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.70 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.69 W/kg

SAR(1 g) = 0.753 W/kg; SAR(10 g) = 0.362 W/kg

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



0 dB = 1.31 W/kg = 1.17 dBW/kg

#02_WLAN5GHz_802.11n-HT40 MCS0_Bottom Face_0mm_Ch62;Ant 1+2

Communication System: 802.11n; Frequency: 5310 MHz; Duty Cycle: 1:1.121

Medium: HSL_5G_200215 Medium parameters used: $f = 5310$ MHz; $\sigma = 4.65$ S/m; $\epsilon_r = 36.694$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(5.49, 5.49, 5.49); Calibrated: 2019/9/20;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (91x361x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.653 W/kg

Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.40 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.80 W/kg

SAR(1 g) = 0.744 W/kg; SAR(10 g) = 0.220 W/kg

Maximum value of SAR (measured) = 1.68 W/kg

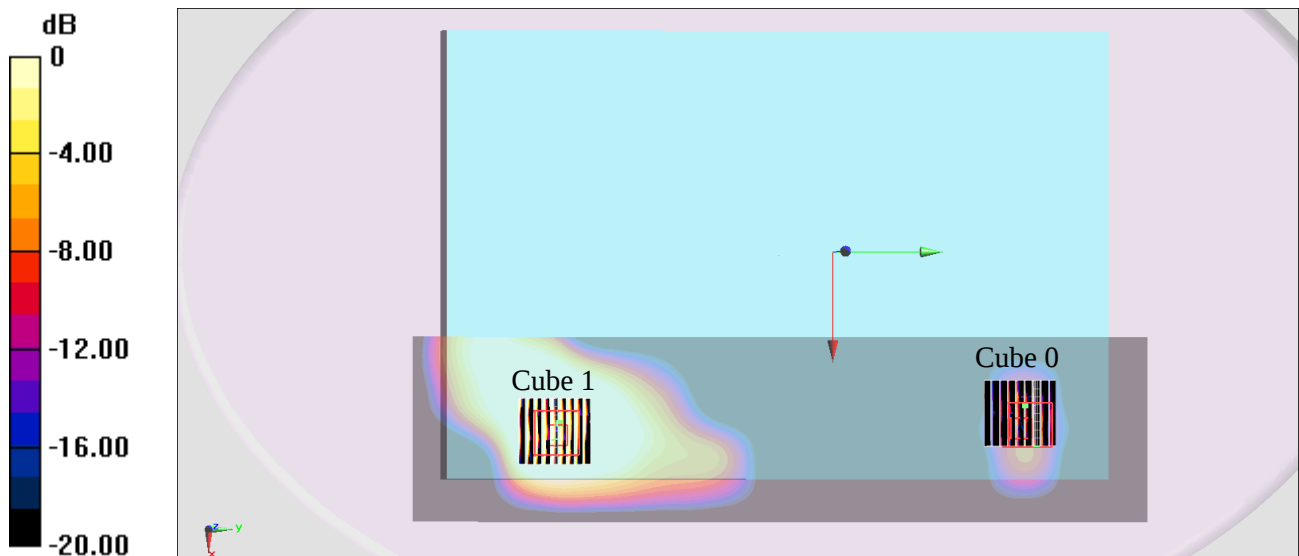
Zoom Scan (9x9x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 11.40 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.247 W/kg

SAR(1 g) = 0.131 W/kg; SAR(10 g) = 0.00989 W/kg

Maximum value of SAR (measured) = 0.0757 W/kg



0 dB = 0.0757 W/kg = -11.21 dBW/kg

#03_WLAN5GHz_802.11ac-VHT80 MCS0_Bottom Face_0mm_Ch122;Ant 1+2

Communication System: 802.11ac; Frequency: 5610 MHz; Duty Cycle: 1:1.132

Medium: HSL_5G_200215 Medium parameters used: $f = 5610$ MHz; $\sigma = 4.869$ S/m; $\epsilon_r = 36.346$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.89, 4.89, 4.89); Calibrated: 2019/9/20;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (91x361x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.821 W/kg

Zoom Scan (9x9x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 8.159 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 2.63 W/kg

SAR(1 g) = 0.653 W/kg; SAR(10 g) = 0.202 W/kg

Maximum value of SAR (measured) = 1.58 W/kg

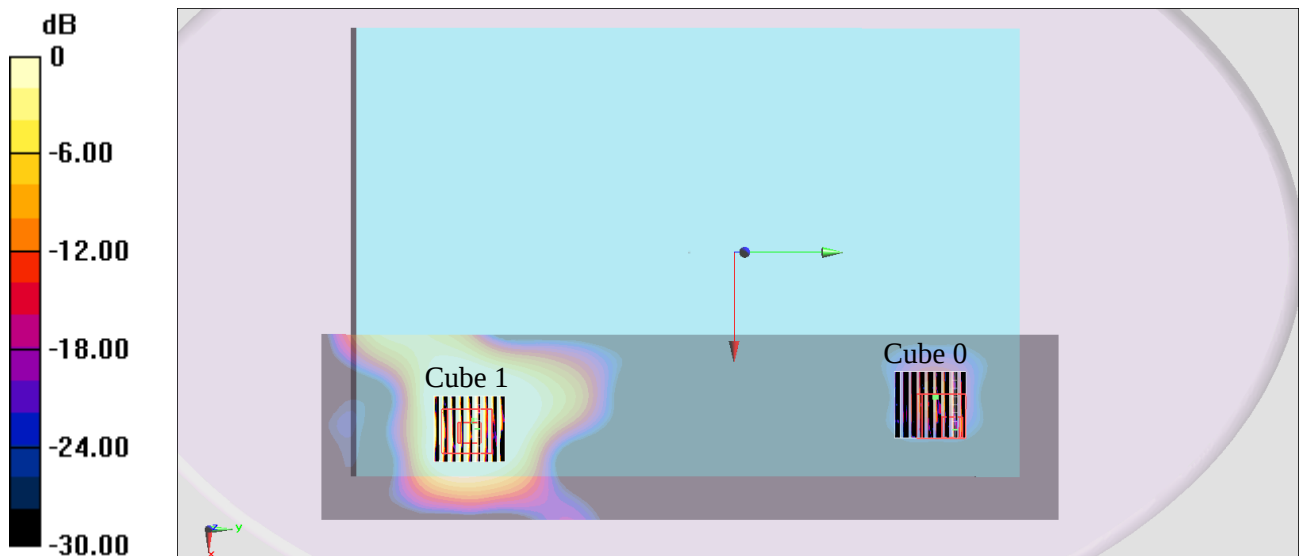
Zoom Scan (9x9x7)/Cube 1: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 8.159 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.204 W/kg

SAR(1 g) = 0.122 W/kg; SAR(10 g) = 0.00569 W/kg

Maximum value of SAR (measured) = 0.0846 W/kg



0 dB = 0.0846 W/kg = -10.73 dBW/kg

#04_WLAN5GHz_802.11n-HT40 MCS0_Bottom Face_0mm_Ch159;Ant 1+2

Communication System: 802.11n; Frequency: 5795 MHz; Duty Cycle: 1:1.121

Medium: HSL_5G_200215 Medium parameters used: $f = 5795$ MHz; $\sigma = 5.152$ S/m; $\epsilon_r = 35.946$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C ; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(5.22, 5.22, 5.22); Calibrated: 2019/9/20;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7373)

Area Scan (91x361x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.824 W/kg

Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.943 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 3.97 W/kg

SAR(1 g) = 0.985 W/kg; SAR(10 g) = 0.305 W/kg

Maximum value of SAR (measured) = 2.37 W/kg

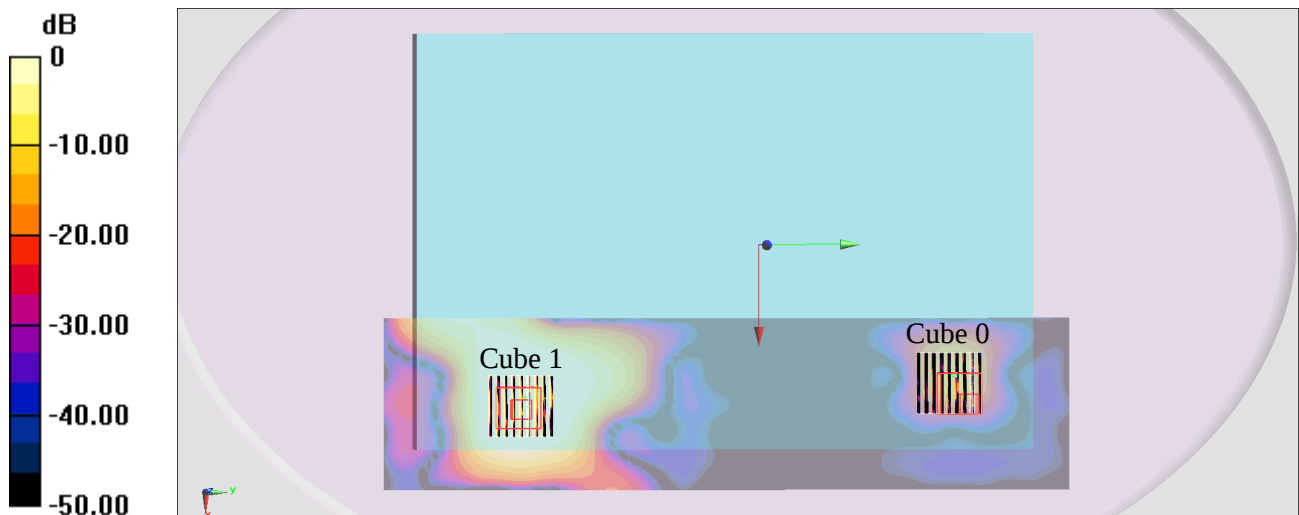
Zoom Scan (9x9x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.943 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.27 W/kg

SAR(1 g) = 0.137 W/kg; SAR(10 g) = 0.036 W/kg

Maximum value of SAR (measured) = 0.529 W/kg



0 dB = 0.529 W/kg = -2.77 dBW/kg

#05_Bluetooth_1Mbps_Bottom Face_0mm_Ch39;Ant 2

Communication System: Bluetooth ; Frequency: 2441 MHz;Duty Cycle: 1:1.3

Medium: HSL_2450_200214 Medium parameters used : $f = 2441$ MHz; $\sigma = 1.8$ S/m; $\epsilon_r = 38.79$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925;ConvF(7.6, 7.6, 7.6); Calibrated: 2019/9/20
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1311; Calibrated: 2019/8/27
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.8 (8);SEMCAD X Version 14.6.10 (7373)

Area Scan (71x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.166 W/kg

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

Reference Value = 9.196 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.184 W/kg

SAR(1 g) = 0.084 W/kg; SAR(10 g) = 0.043 W/kg

Maximum value of SAR (measured) = 0.137 W/kg

