

#01_WLAN2.4GHz_802.11b 1Mbps_Right neck_0mm_Ch1;Ant 1

Communication System: 802.11b ; Frequency: 2412 MHz;Duty Cycle: 1:1.004

Medium: HSL_2450_190214 Medium parameters used: $f = 2412$ MHz; $\sigma = 1.77$ S/m; $\epsilon_r = 39.448$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3170; ConvF(4.63, 4.63, 4.63) ; Calibrated: 2018/11/2
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM_Front; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (71x151x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.380 W/kg

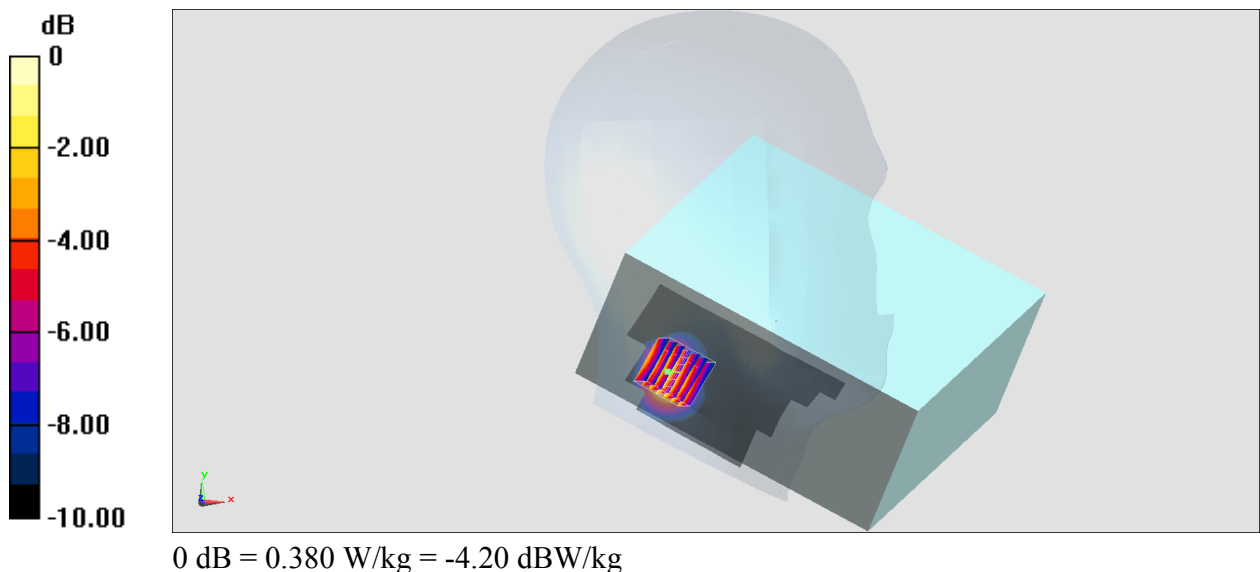
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 12.98 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.626 W/kg

SAR(1 g) = 0.319 W/kg; SAR(10 g) = 0.150 W/kg

Maximum value of SAR (measured) = 0.415 W/kg



#02_WLAN5GHz_802.11ac-VHT80 MCS0_Right neck_0mm_Ch58;Ant 1

Communication System: 802.11ac; Frequency: 5290 MHz; Duty Cycle: 1:1.078

Medium: HSL_5G_190214 Medium parameters used : $f = 5290$ MHz; $\sigma = 4.636$ S/m; $\epsilon_r = 36.761$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(4.52, 4.52, 4.52) ; Calibrated: 2018/4/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (51x181x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

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

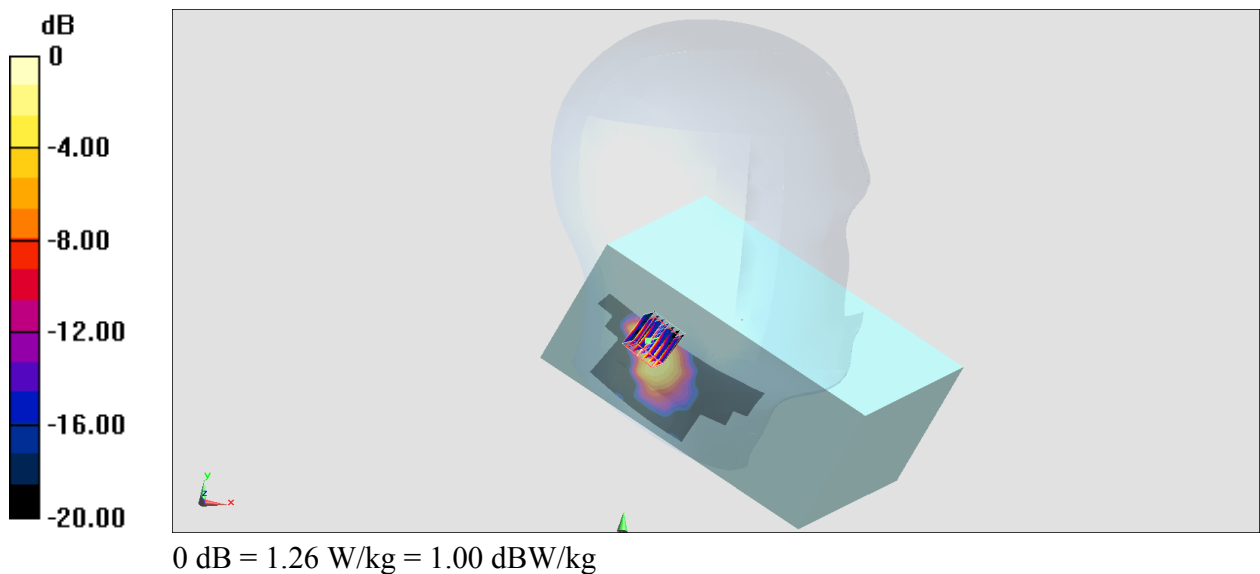
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 13.39 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.82 W/kg

SAR(1 g) = 0.503 W/kg; SAR(10 g) = 0.178 W/kg

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



#03_WLAN5GHz_802.11ac-VHT80 MCS0_Right neck_0mm_Ch138;Ant 1

Communication System: 802.11ac; Frequency: 5690 MHz; Duty Cycle: 1:1.078

Medium: HSL_5G_190214 Medium parameters used : $f = 5690$ MHz; $\sigma = 5.051$ S/m; $\epsilon_r = 36.26$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(4.42, 4.42, 4.42) ; Calibrated: 2018/4/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (51x181x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 1.10 W/kg

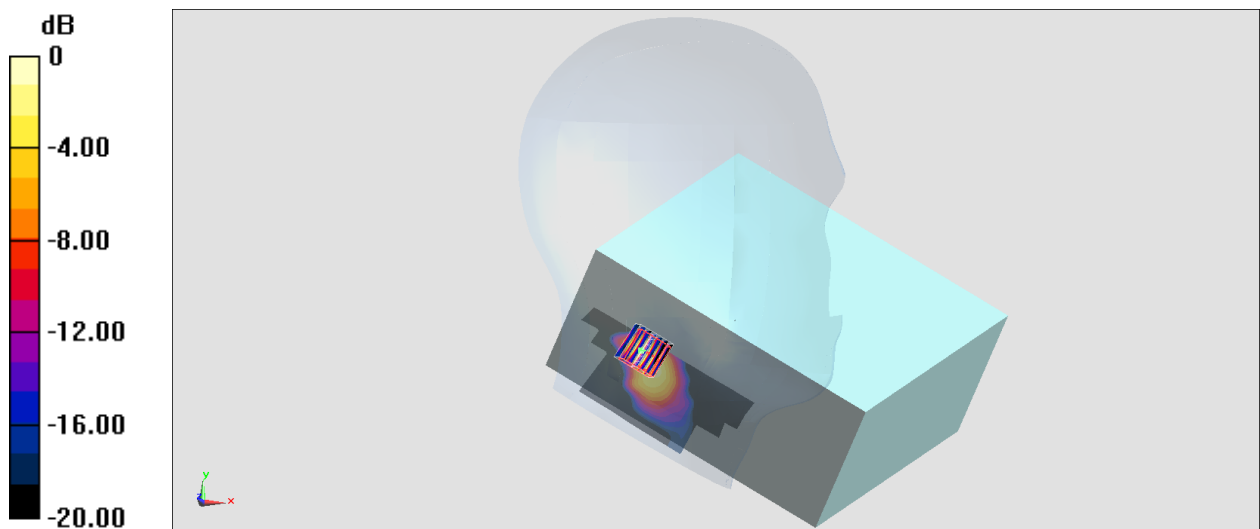
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 9.761 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 10.2 W/kg

SAR(1 g) = 0.413 W/kg; SAR(10 g) = 0.135 W/kg

Maximum value of SAR (measured) = 0.986 W/kg



0 dB = 1.10 W/kg = 0.41 dBW/kg

#04_WLAN5GHz_802.11ac-VHT80 MCS0_Right neck_0mm_Ch155;Ant 1

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.078

Medium: HSL_5G_190214 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.142$ S/m; $\epsilon_r = 36.133$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(4.42, 4.42, 4.42) ; Calibrated: 2018/4/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM LEFT; Type: QD000P40CD; Serial: TP:1718
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (51x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.41 W/kg

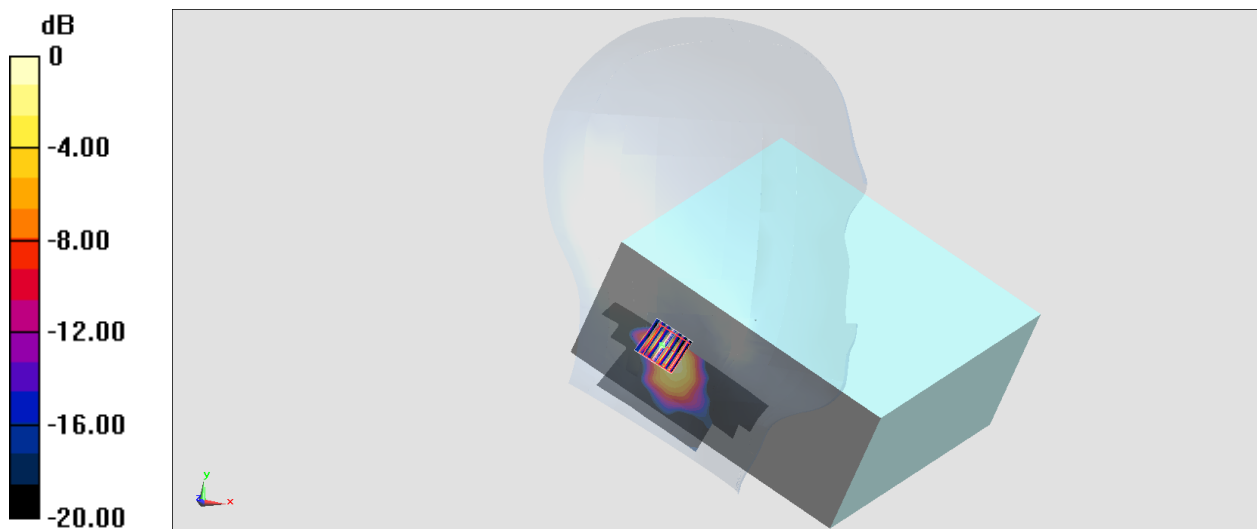
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 9.917 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 1.85 W/kg

SAR(1 g) = 0.509 W/kg; SAR(10 g) = 0.173 W/kg

Maximum value of SAR (measured) = 1.23 W/kg



0 dB = 1.41 W/kg = 1.49 dBW/kg

#05_Bluetooth_1Mbps_Right neck_0mm_Ch39;Ant 1

Communication System: Bluetooth ; Frequency: 2441 MHz;Duty Cycle: 1:1.301

Medium: HSL_2450_190214 Medium parameters used : $f = 2441$ MHz; $\sigma = 1.8$ S/m; $\epsilon_r = 39.335$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.6, 4.6, 4.6) ; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM_Front; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (71x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.0245 W/kg

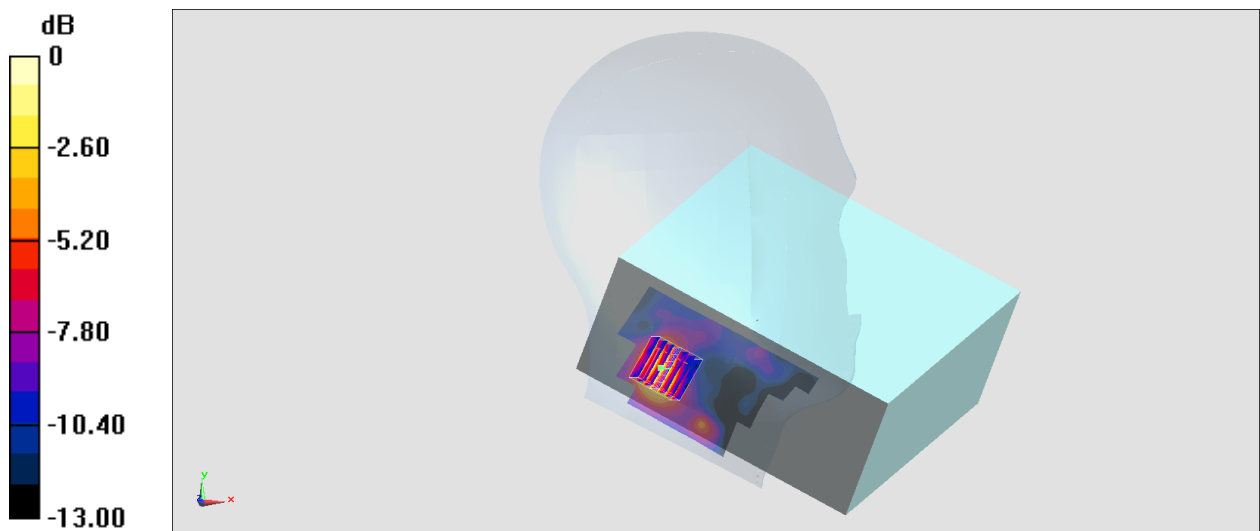
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.481 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.0360 W/kg

SAR(1 g) = 0.019 W/kg; SAR(10 g) = 0.00974 W/kg

Maximum value of SAR (measured) = 0.0244 W/kg



#06_WLAN2.4GHz_802.11b 1Mbps_Right side_0mm_Ch6;Ant 1

Communication System: 802.11b ; Frequency: 2437 MHz;Duty Cycle: 1:1.004

Medium: MSL_2450_190215 Medium parameters used : $f = 2437$ MHz; $\sigma = 1.956$ S/m; $\epsilon_r = 54.745$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.36, 4.36, 4.36) ; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM_Front; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (61x111x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.397 W/kg

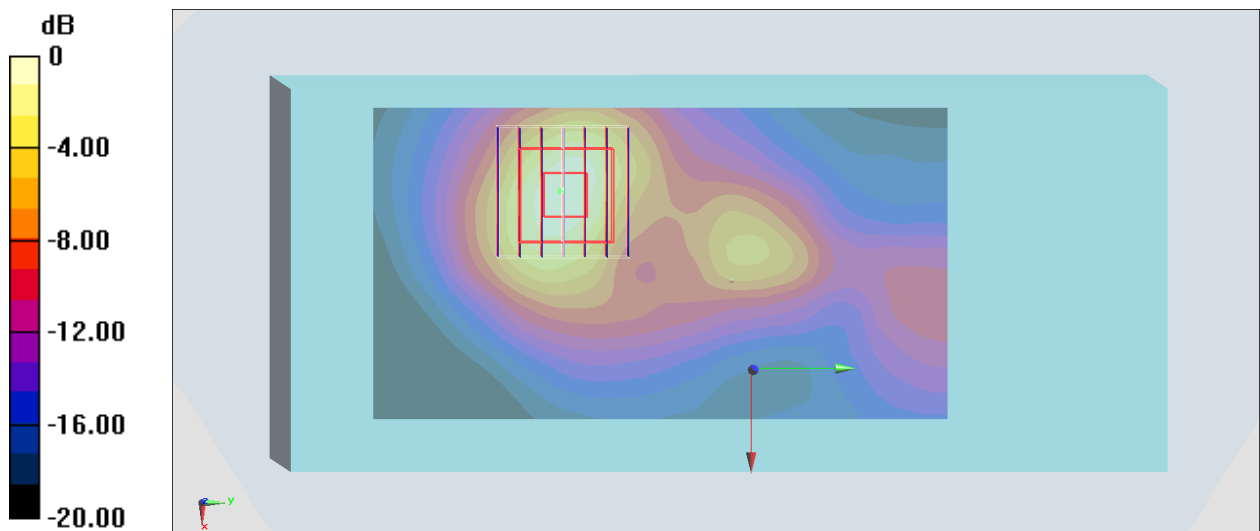
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 11.16 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.604 W/kg

SAR(1 g) = 0.301 W/kg; SAR(10 g) = 0.143 W/kg

Maximum value of SAR (measured) = 0.390 W/kg



0 dB = 0.397 W/kg = -4.01 dBW/kg

#07_WLAN5GHz_802.11ac-VHT80 MCS0_Left side_0mm_Ch58;Ant 2

Communication System: 802.11ac; Frequency: 5290 MHz; Duty Cycle: 1:1.078

Medium: MSL_5G_190215 Medium parameters used : $f = 5290$ MHz; $\sigma = 5.26$ S/m; $\epsilon_r = 48.712$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(3.87, 3.87, 3.87) ; Calibrated: 2018/4/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM_Front; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (81x141x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.06 W/kg

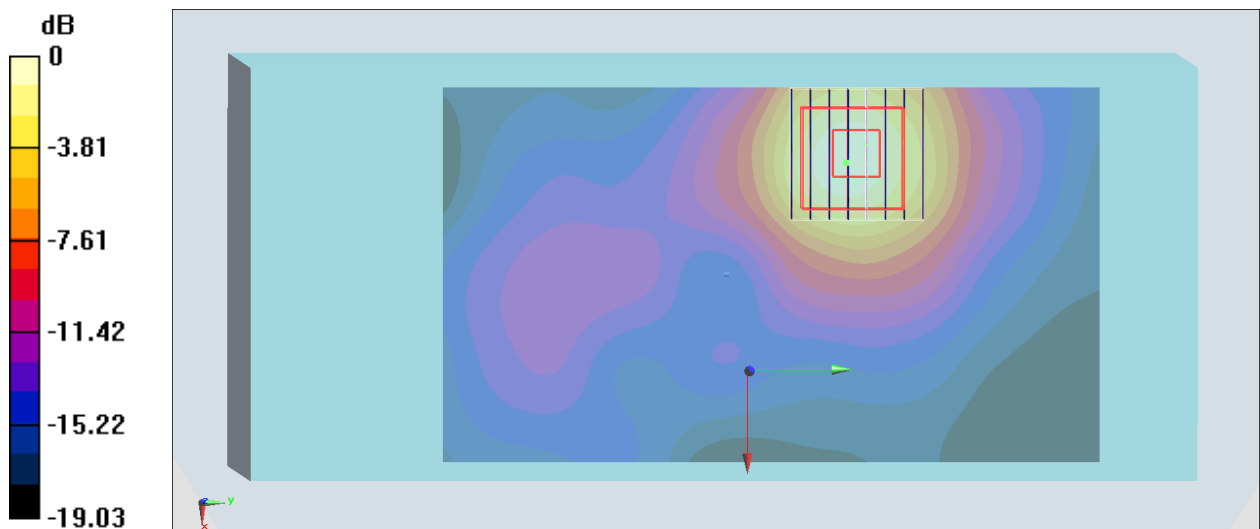
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 16.04 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 1.74 W/kg

SAR(1 g) = 0.500 W/kg; SAR(10 g) = 0.208 W/kg

Maximum value of SAR (measured) = 1.07 W/kg



0 dB = 1.06 W/kg = 0.25 dBW/kg

#08_WLAN5GHz_802.11ac-VHT80 MCS0_Left side_0mm_Ch106;Ant 2

Communication System: 802.11ac; Frequency: 5530 MHz; Duty Cycle: 1:1.078

Medium: MSL_5G_190215 Medium parameters used : $f = 5530$ MHz; $\sigma = 5.576$ S/m; $\epsilon_r = 48.512$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(3.38, 3.38, 3.38) ; Calibrated: 2018/4/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM_Front; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (81x121x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.978 W/kg

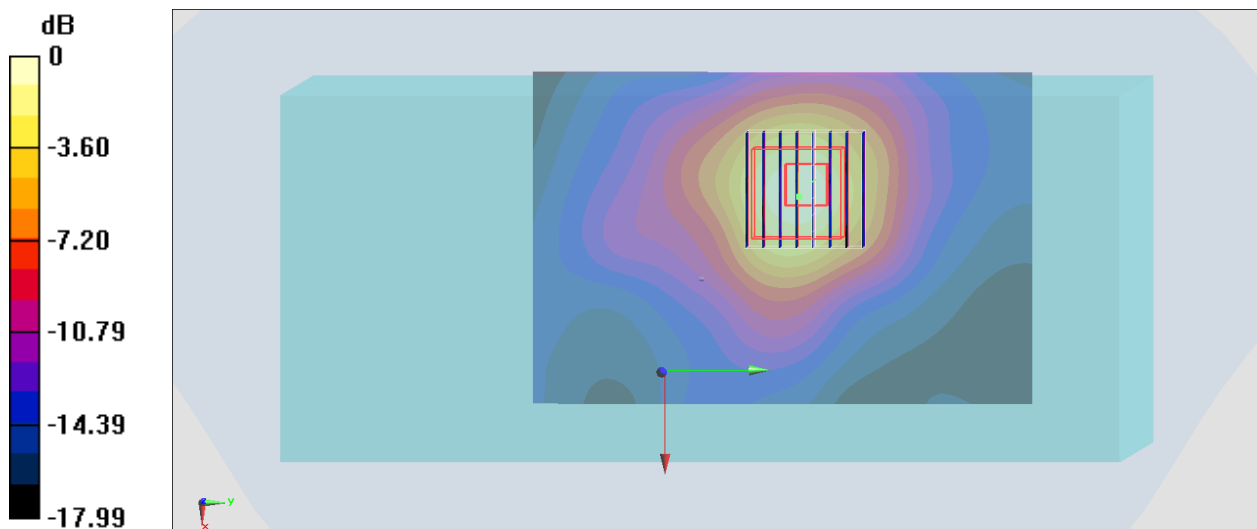
Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 13.31 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.83 W/kg

SAR(1 g) = 0.478 W/kg; SAR(10 g) = 0.193 W/kg

Maximum value of SAR (measured) = 1.08 W/kg



0 dB = 0.978 W/kg = -0.10 dBW/kg

#09_WLAN5GHz_802.11ac-VHT80 MCS0_Left side_0mm_Ch155;Ant 2

Communication System: 802.11ac; Frequency: 5775 MHz; Duty Cycle: 1:1.078

Medium: MSL_5G_190215 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.899$ S/m; $\epsilon_r = 48.077$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(3.73, 3.73, 3.73) ; Calibrated: 2018/4/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM_Front; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Area Scan (81x141x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.774 W/kg

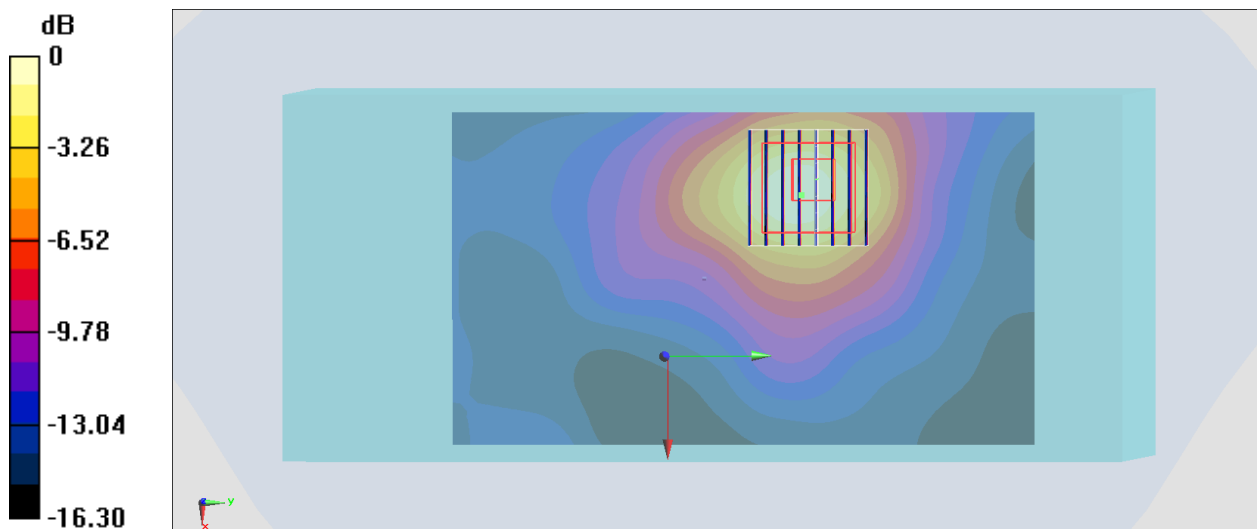
Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 13.20 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.71 W/kg

SAR(1 g) = 0.424 W/kg; SAR(10 g) = 0.171 W/kg

Maximum value of SAR (measured) = 0.985 W/kg



0 dB = 0.774 W/kg = -1.11 dBW/kg

#10_Bluetooth_1Mbps_Right side_0mm_Ch39;Ant 1

Communication System: Bluetooth ; Frequency: 2441 MHz;Duty Cycle: 1:1.301

Medium: MSL_2450_190215 Medium parameters used : $f = 2441$ MHz; $\sigma = 1.962$ S/m; $\epsilon_r = 54.729$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3270; ConvF(4.36, 4.36, 4.36) ; Calibrated: 2018/9/24
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: SAM_Front; Type: QD000P40CD; Serial: 1719
- Measurement SW: DASY52, Version 52.10 (1);SEMCAD X Version 14.6.11 (7439)

Area Scan (61x111x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 0.0306 W/kg

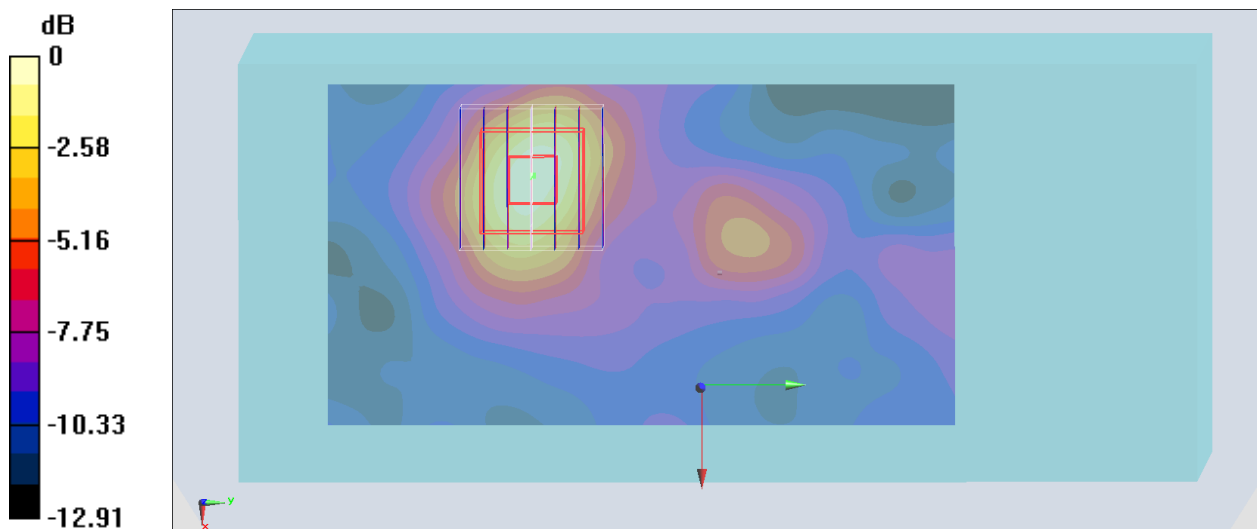
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.018 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.0440 W/kg

SAR(1 g) = 0.023 W/kg; SAR(10 g) = 0.012 W/kg

Maximum value of SAR (measured) = 0.0285 W/kg



0 dB = 0.0306 W/kg = -15.14 dBW/kg