

#01_WLAN2.4GHz_802.11b 1Mbps_Back_0mm_Ch6;Ant 1+2

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

Medium: HSL_2450_191106 Medium parameters used : $f = 2437$ MHz; $\sigma = 1.856$ S/m; $\epsilon_r = 40.671$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(7.32, 7.32, 7.32) @ 2437 MHz; Calibrated: 2019/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: SAM_Left; Type: QD000P40CD; Serial: TP:1801
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (101x101x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 1.42 W/kg

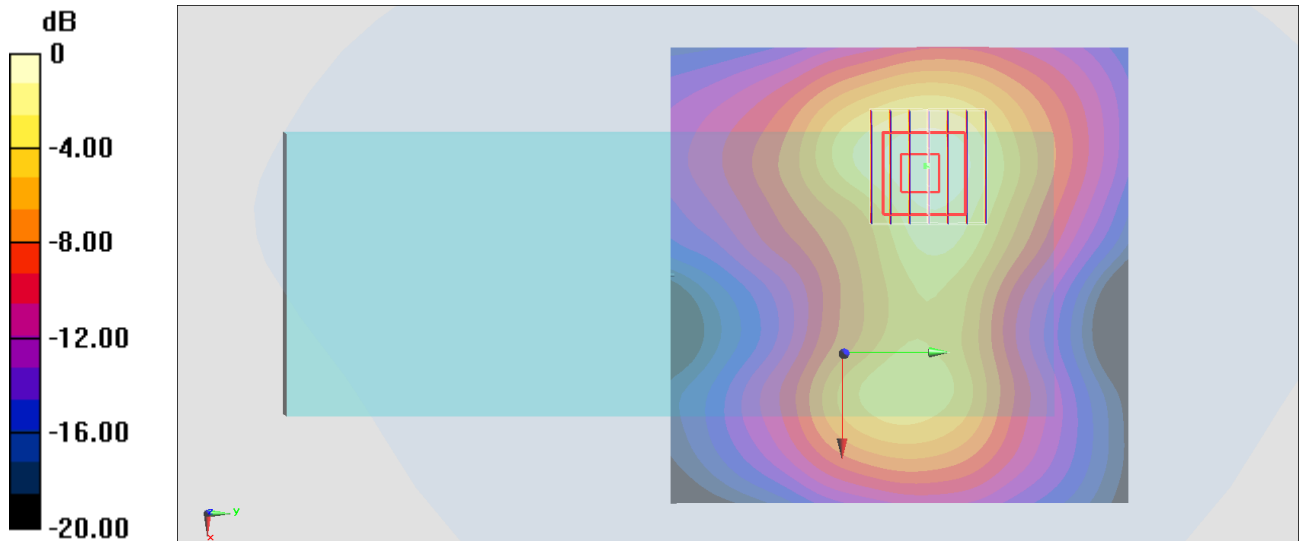
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 29.60 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.93 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.530 W/kg

Maximum value of SAR (measured) = 1.56 W/kg



0 dB = 1.42 W/kg = 1.52 dBW/kg

#02_WLAN5GHz_802.11n-HT40 MCS0_Back_0mm_Ch54;Ant 1+2

Communication System: 802.11n ; Frequency: 5270 MHz;Duty Cycle: 1:1.094

Medium: HSL_5G_191104 Medium parameters used: $f = 5270$ MHz; $\sigma = 4.635$ S/m; $\epsilon_r = 36.528$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(4.54, 4.54, 4.54) @ 5270 MHz; Calibrated: 2019/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (121x121x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 2.13 W/kg

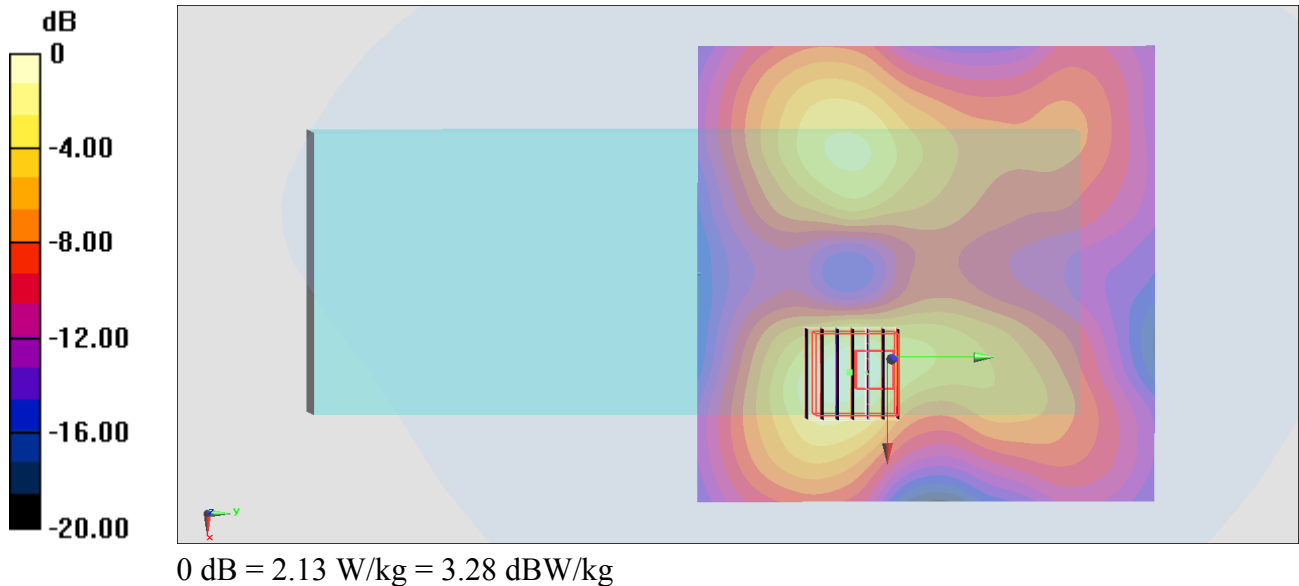
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 13.16 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 3.48 W/kg

SAR(1 g) = 0.923 W/kg; SAR(10 g) = 0.340 W/kg

Maximum value of SAR (measured) = 2.15 W/kg



#03_WLAN5GHz_802.11ac-VHT80 MCS0_Back_0mm_Ch122;Ant 1+2

Communication System: 802.11ac ; Frequency: 5610 MHz;Duty Cycle: 1:1.115

Medium: HSL_5G_191104 Medium parameters used : $f = 5610$ MHz; $\sigma = 4.959$ S/m; $\epsilon_r = 36.097$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(4.28, 4.28, 4.28) @ 5610 MHz; Calibrated: 2019/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (121x121x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 2.27 W/kg

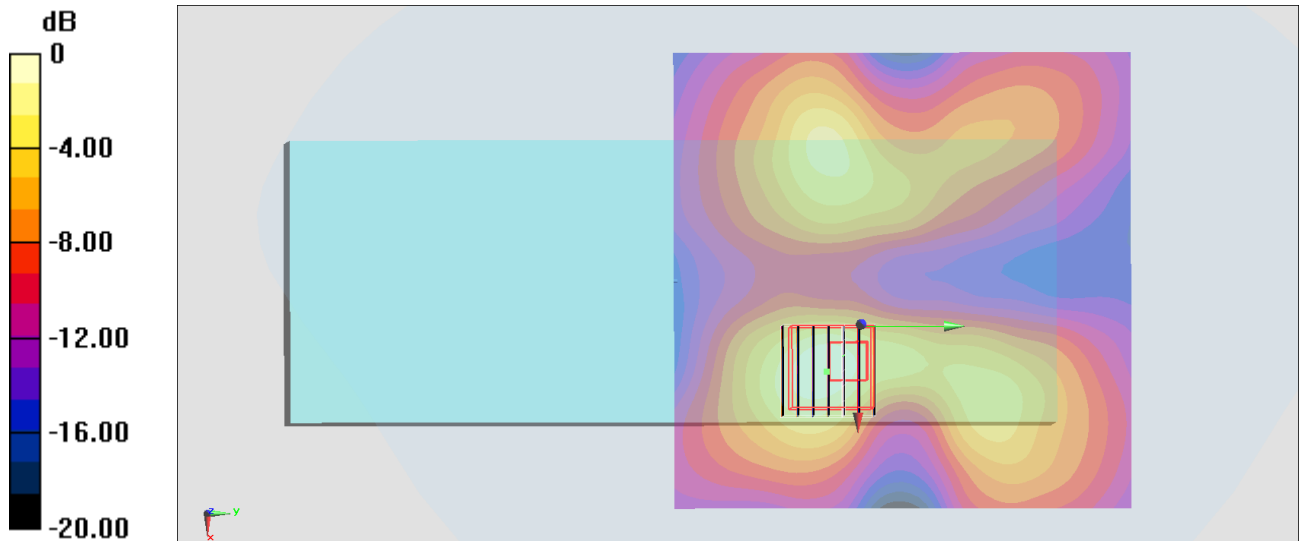
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 17.73 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 4.10 W/kg

SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.395 W/kg

Maximum value of SAR (measured) = 2.33 W/kg



0 dB = 2.27 W/kg = 3.56 dBW/kg

#04_WLAN5GHz_802.11ac-VHT80 MCS0_Back_0mm_Ch155;Ant 1+2

Communication System: 802.11ac ; Frequency: 5775 MHz;Duty Cycle: 1:1.115

Medium: HSL_5G_191105 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.13$ S/m; $\epsilon_r = 35.901$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(4.36, 4.36, 4.36) @ 5775 MHz; Calibrated: 2019/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1399; Calibrated: 2018/11/16
- Phantom: SAM_Right; Type: QD000P40CD; Serial: 1884
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (61x71x1): Interpolated grid: dx=2.000 mm, dy=2.000 mm

Maximum value of SAR (interpolated) = 1.582 W/kg

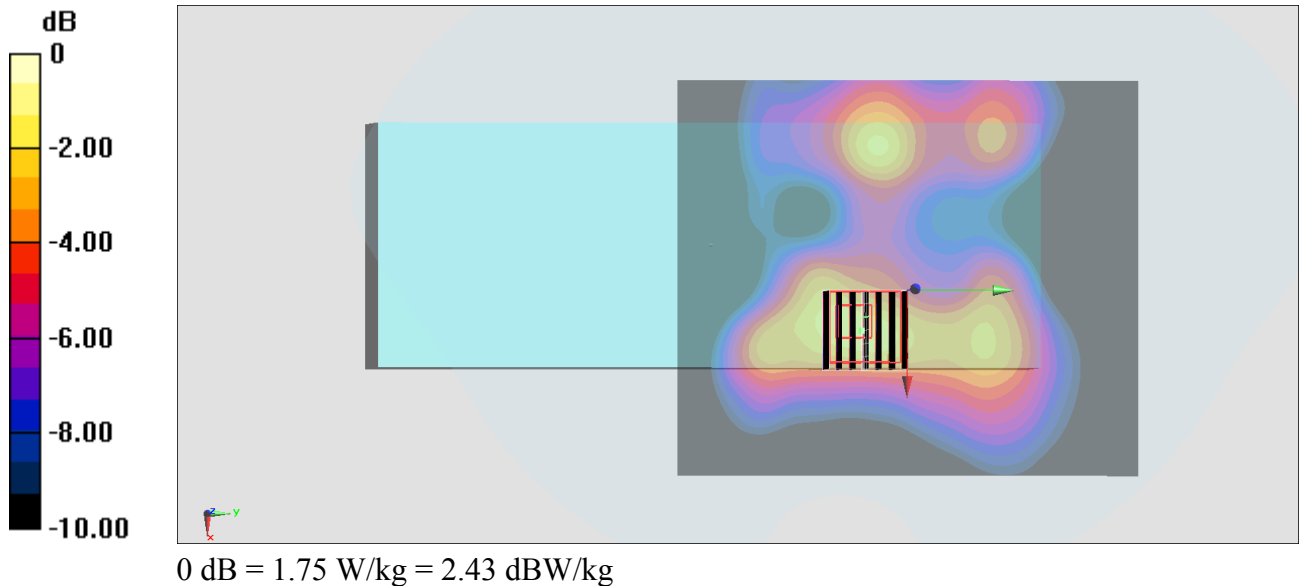
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 13.47 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.34 W/kg

SAR(1 g) = 0.973 W/kg; SAR(10 g) = 0.509 W/kg

Maximum value of SAR (measured) = 1.75 W/kg



#05_WLAN2.4GHz_802.11b 1Mbps_Back_0mm_Ch6;Ant 1+2

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

Medium: HSL_2450_191115 Medium parameters used : $f = 2437$ MHz; $\sigma = 1.772$ S/m; $\epsilon_r = 38.795$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642;ConvF(7.32, 7.32, 7.32) @ 2437 MHz;Calibrated: 2019/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2019/6/13
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (101x101x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 1.84 W/kg

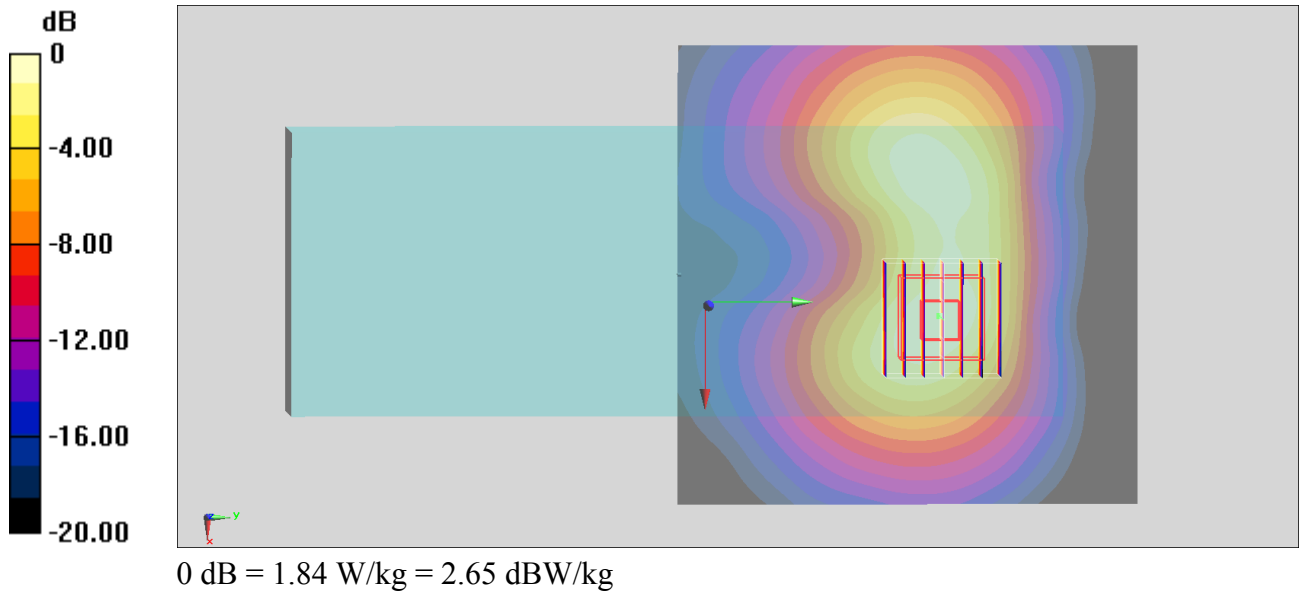
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 31.50 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.14 W/kg

SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.628 W/kg

Maximum value of SAR (measured) = 1.78 W/kg



#06_WLAN5GHz_802.11n-HT40 MCS0_Back_0mm_Ch54;Ant 1+2

Communication System: 802.11n ; Frequency: 5270 MHz;Duty Cycle: 1:1.094

Medium: HSL_5G_191114 Medium parameters used: $f = 5270$ MHz; $\sigma = 4.648$ S/m; $\epsilon_r = 36.998$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642;ConvF(4.54, 4.54, 4.54) @ 5270 MHz;Calibrated: 2019/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2019/6/13
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (121x121x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 1.39 W/kg

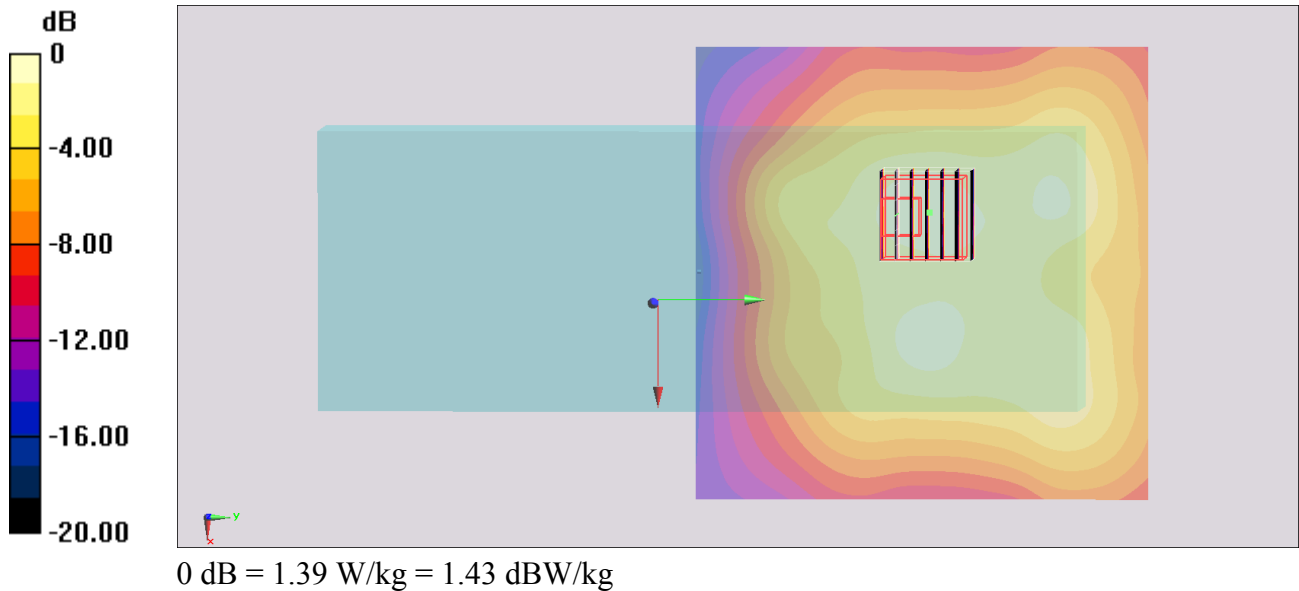
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 18.50 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 2.37 W/kg

SAR(1 g) = 0.697 W/kg; SAR(10 g) = 0.245 W/kg

Maximum value of SAR (measured) = 1.49 W/kg



#07_WLAN5GHz_802.11ac-VHT80 MCS0_Back_0mm_Ch122;Ant 1+2

Communication System: 802.11ac ; Frequency: 5610 MHz;Duty Cycle: 1:1.115

Medium: HSL_5G_191114 Medium parameters used : $f = 5610$ MHz; $\sigma = 5$ S/m; $\epsilon_r = 36.547$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642;ConvF(4.28, 4.28, 4.28) @ 5610 MHz;Calibrated: 2019/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2019/6/13
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (121x121x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 1.14 W/kg

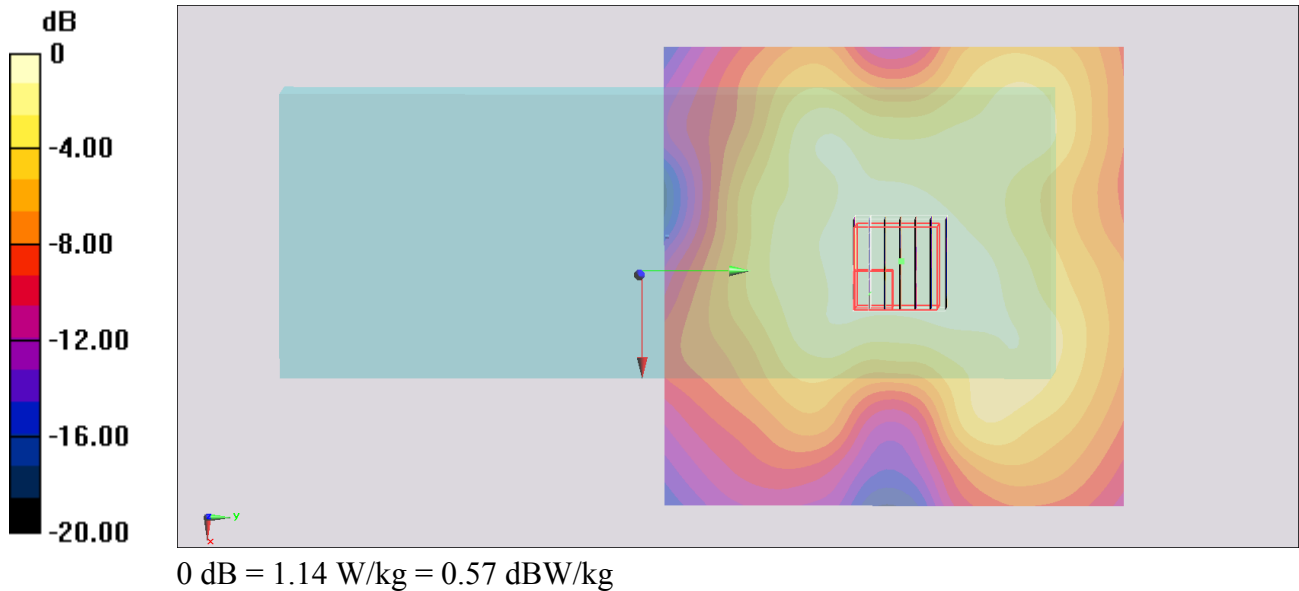
Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 17.26 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.33 W/kg

SAR(1 g) = 0.635 W/kg; SAR(10 g) = 0.210 W/kg

Maximum value of SAR (measured) = 1.45 W/kg



#08_WLAN5GHz_802.11ac-VHT80 MCS0_Back_0mm_Ch155;Ant 1+2

Communication System: 802.11ac ; Frequency: 5775 MHz;Duty Cycle: 1:1.115

Medium: HSL_5G_191114 Medium parameters used: $f = 5775$ MHz; $\sigma = 5.179$ S/m; $\epsilon_r = 36.362$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642;ConvF(4.36, 4.36, 4.36) @ 5775 MHz;Calibrated: 2019/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn905; Calibrated: 2019/6/13
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: 1029
- Measurement SW: DASY52, Version 52.10 (2);SEMCAD X Version 14.6.12 (7470)

Area Scan (121x121x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.877 W/kg

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

Reference Value = 13.59 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 2.00 W/kg

SAR(1 g) = 0.492 W/kg; SAR(10 g) = 0.197 W/kg

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

