

#01_WLAN2.4GHz_802.11b 1Mbps_Edge 3_0mm_Ch11;Ant 1+2

Communication System: 802.11b; Frequency: 2462 MHz; Duty Cycle: 1:1.007

Medium: MSL_2450_180718 Medium parameters used: $f = 2462$ MHz; $\sigma = 2.002$ S/m; $\epsilon_r = 53.026$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(6.84, 6.84, 6.84); Calibrated: 2018/6/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2018/5/24
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7437)

Area Scan (81x321x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.604 W/kg

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

Reference Value = 6.442 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.49 W/kg

SAR(1 g) = 0.649 W/kg; SAR(10 g) = 0.279 W/kg

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

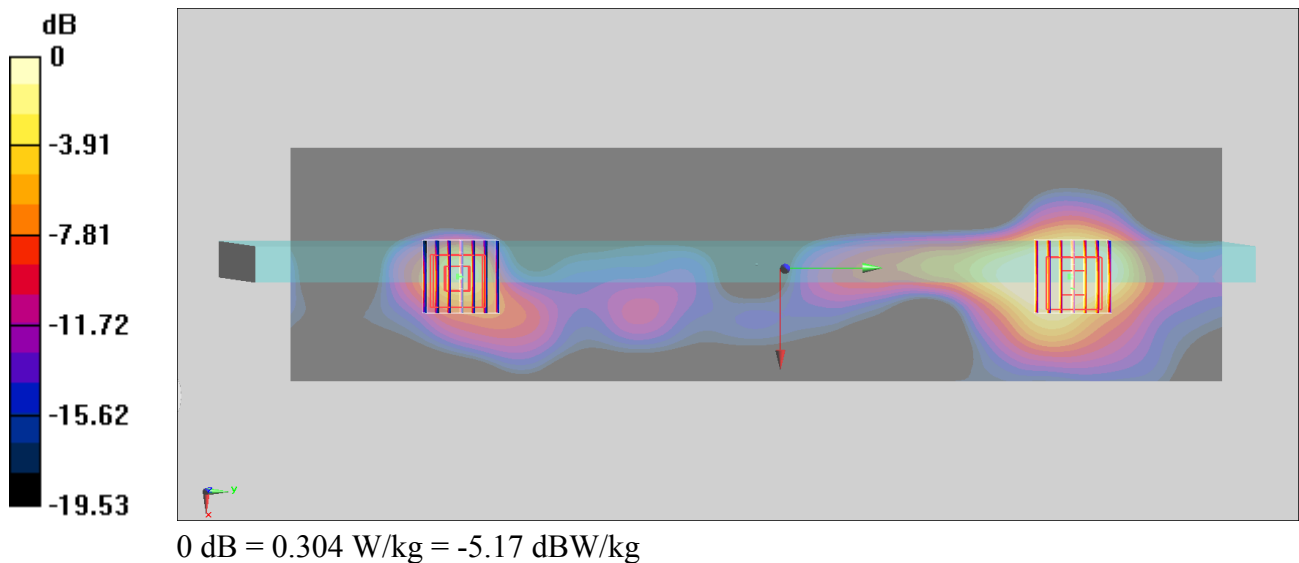
Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.442 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.391 W/kg

SAR(1 g) = 0.168 W/kg; SAR(10 g) = 0.069 W/kg

Maximum value of SAR (measured) = 0.304 W/kg



#02_WLAN5GHz_802.11n-HT40 MCS0_Edge 3_0mm_Ch62;Ant 1+2

Communication System: 802.11n; Frequency: 5310 MHz; Duty Cycle: 1:1.116

Medium: MSL_5G_180720 Medium parameters used: $f = 5310$ MHz; $\sigma = 5.265$ S/m; $\epsilon_r = 46.702$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.3 °C ; Liquid Temperature : 22.3 °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 Sn854; Calibrated: 2018/6/14
- Phantom: ELI v4.0_Left; Type: QDOVA001BB; Serial: TP:1029
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7437)

Area Scan (81x381x1): Interpolated grid: $dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.956 W/kg

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

Reference Value = 6.902 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.79 W/kg

SAR(1 g) = 0.451 W/kg; SAR(10 g) = 0.149 W/kg

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

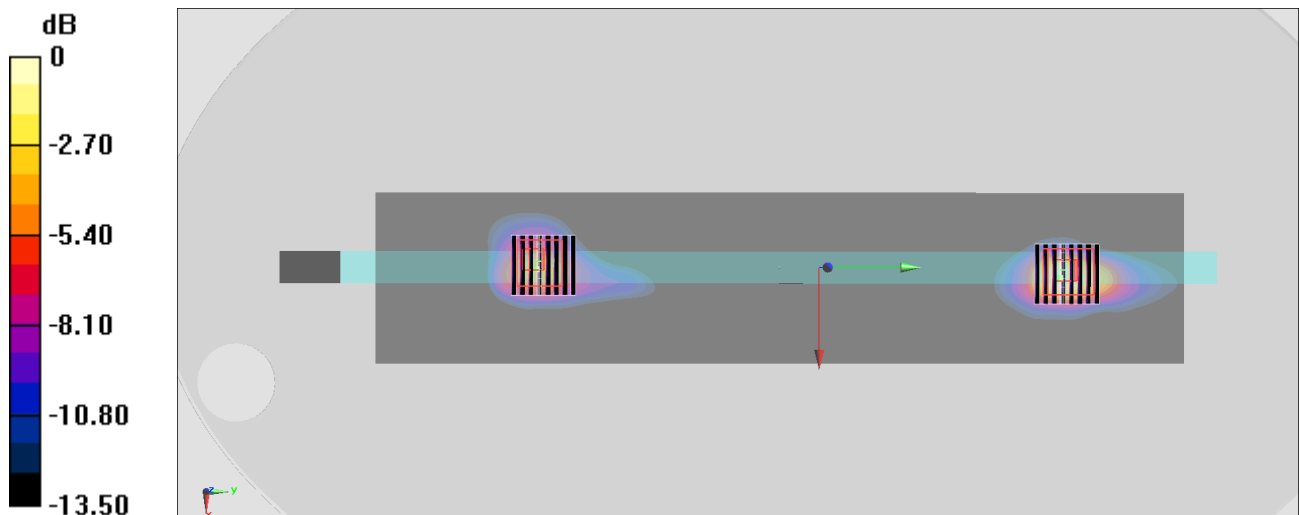
Zoom Scan (8x8x7)/Cube 1: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 6.902 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.33 W/kg

SAR(1 g) = 0.343 W/kg; SAR(10 g) = 0.109 W/kg

Maximum value of SAR (measured) = 0.793 W/kg



0 dB = 0.793 W/kg = -1.01 dBW/kg

#03_WLAN5GHz_802.11ac-VHT80 MCS0_Edge 3_0mm_Ch138;Ant 1+2

Communication System: 802.11ac; Frequency: 5690 MHz; Duty Cycle: 1:1.15

Medium: MSL_5G_180719 Medium parameters used: $f = 5690$ MHz; $\sigma = 5.828$ S/m; $\epsilon_r = 47.174$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3820; ConvF(3.84, 3.84, 3.84); Calibrated: 2018/6/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn495; Calibrated: 2018/5/24
- Phantom: ELI v4.0_Left; Type: QDOVA001BB; Serial: TP:1029
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7437)

Area Scan (81x381x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

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

Reference Value = 8.954 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 2.82 W/kg

SAR(1 g) = 0.713 W/kg; SAR(10 g) = 0.210 W/kg

Maximum value of SAR (measured) = 1.09 W/kg

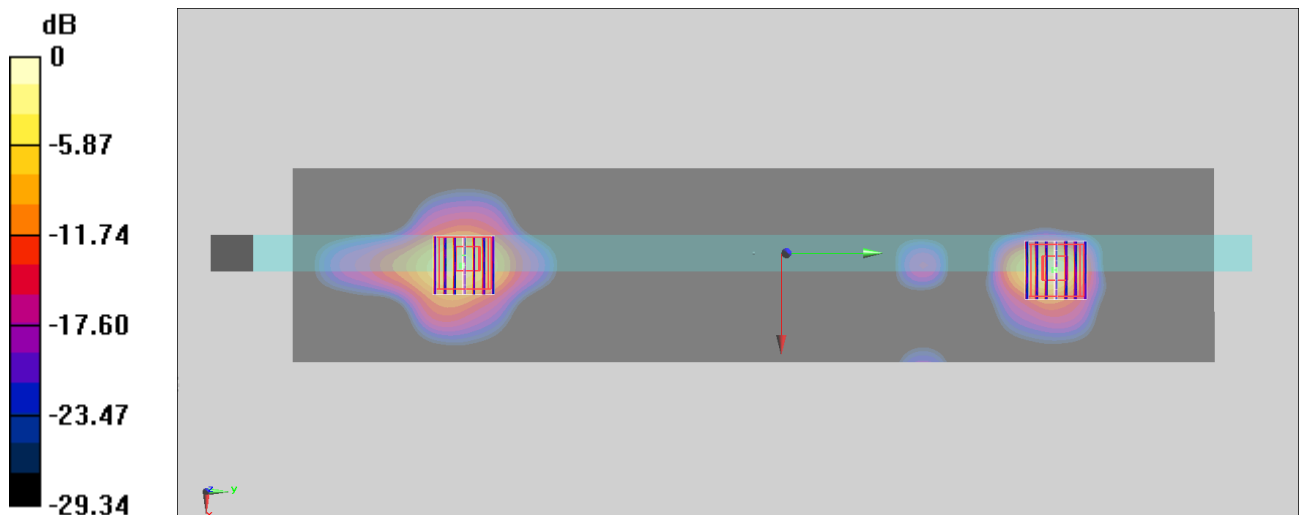
Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.954 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.71 W/kg

SAR(1 g) = 0.428 W/kg; SAR(10 g) = 0.109 W/kg

Maximum value of SAR (measured) = 1.74 W/kg



0 dB = 1.74 W/kg = 2.41 dBW/kg

#04_WLAN5GHz_802.11n-HT40 MCS0_Edge 3_0mm_Ch159;Ant 1+2

Communication System: 802.11n; Frequency: 5795 MHz; Duty Cycle: 1:1.116

Medium: MSL_5G_180720 Medium parameters used: $f = 5795$ MHz; $\sigma = 5.891$ S/m; $\epsilon_r = 45.972$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3925; ConvF(4.17, 4.17, 4.17); Calibrated: 2018/5/31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2018/6/14
- Phantom: ELI v4.0_Left; Type: QDOVA001BB; Serial: TP:1029
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7437)

Area Scan (81x381x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.60 W/kg

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

Reference Value = 8.772 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 2.80 W/kg

SAR(1 g) = 0.604 W/kg; SAR(10 g) = 0.177 W/kg

Maximum value of SAR (measured) = 1.54 W/kg

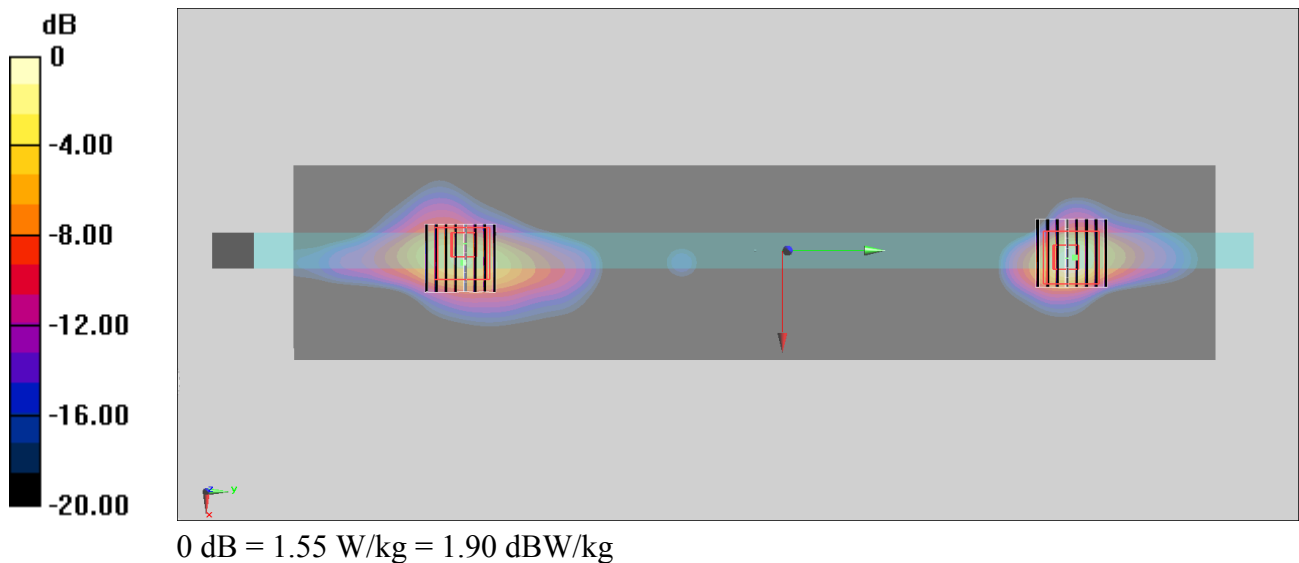
Zoom Scan (8x8x7)/Cube 1: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 8.772 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 2.79 W/kg

SAR(1 g) = 0.572 W/kg; SAR(10 g) = 0.166 W/kg

Maximum value of SAR (measured) = 1.55 W/kg



#05_Bluetooth_1Mbps_Edge 3_0mm_Ch39;Ant 2

Communication System: Bluetooth; Frequency: 2441 MHz; Duty Cycle: 1:1.306

Medium: MSL_2450_180721 Medium parameters used: $f = 2441$ MHz; $\sigma = 1.973$ S/m; $\epsilon_r = 53.081$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °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 Sn854; Calibrated: 2018/6/14
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1238
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7437)

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

Maximum value of SAR (interpolated) = 0.114 W/kg

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

Reference Value = 7.126 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.156 W/kg

SAR(1 g) = 0.064 W/kg; SAR(10 g) = 0.027 W/kg

Maximum value of SAR (measured) = 0.118 W/kg

