

#01_WCDMA II_RMC 12.2Kbps_Edge 1_0mm_Ch9538

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium: HSL_1900_200116 Medium parameters used: $f = 1908$ MHz; $\sigma = 1.392$ S/m; $\epsilon_r = 40.339$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(8.32, 8.32, 8.32) @ 1907.6 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2019/5/21
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (51x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.20 W/kg

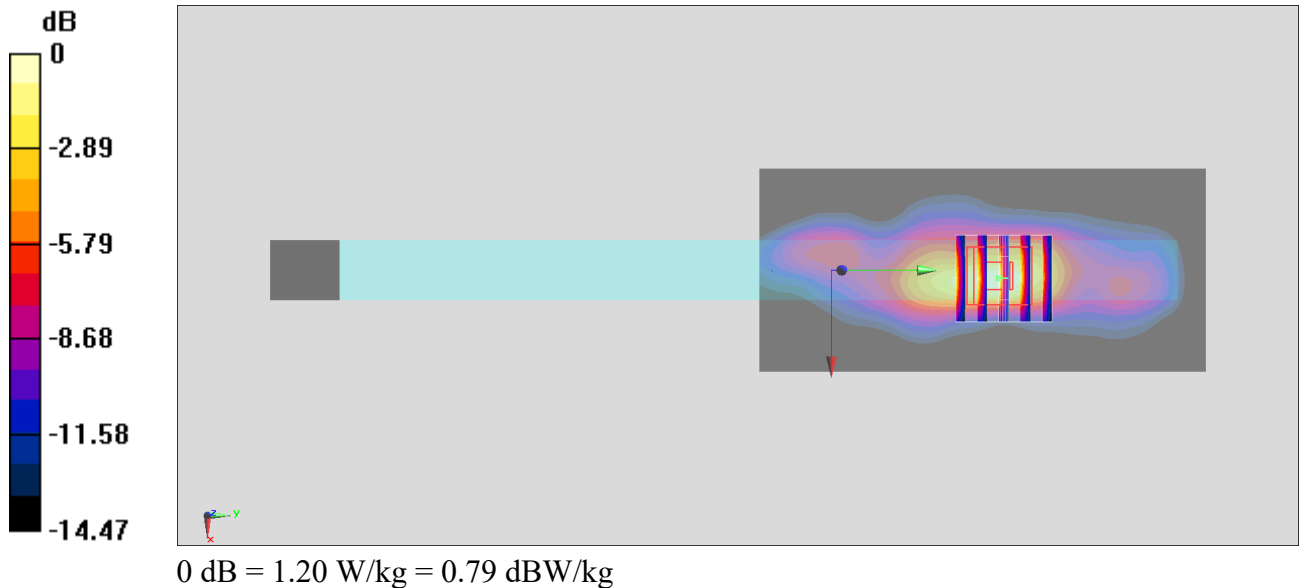
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.03 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.29 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.438 W/kg

Maximum value of SAR (measured) = 1.91 W/kg



#02_WCDMA IV_RMC 12.2Kbps_Edge 1_0mm_Ch1413

Communication System: WCDMA; Frequency: 1732.6 MHz; Duty Cycle: 1:1

Medium: HSL_1750_200116 Medium parameters used: $f = 1733$ MHz; $\sigma = 1.351$ S/m; $\epsilon_r = 40.687$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.7 °C ; Liquid Temperature : 22.7 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(8.66, 8.66, 8.66) @ 1732.6 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2019/5/21
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (51x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.18 W/kg

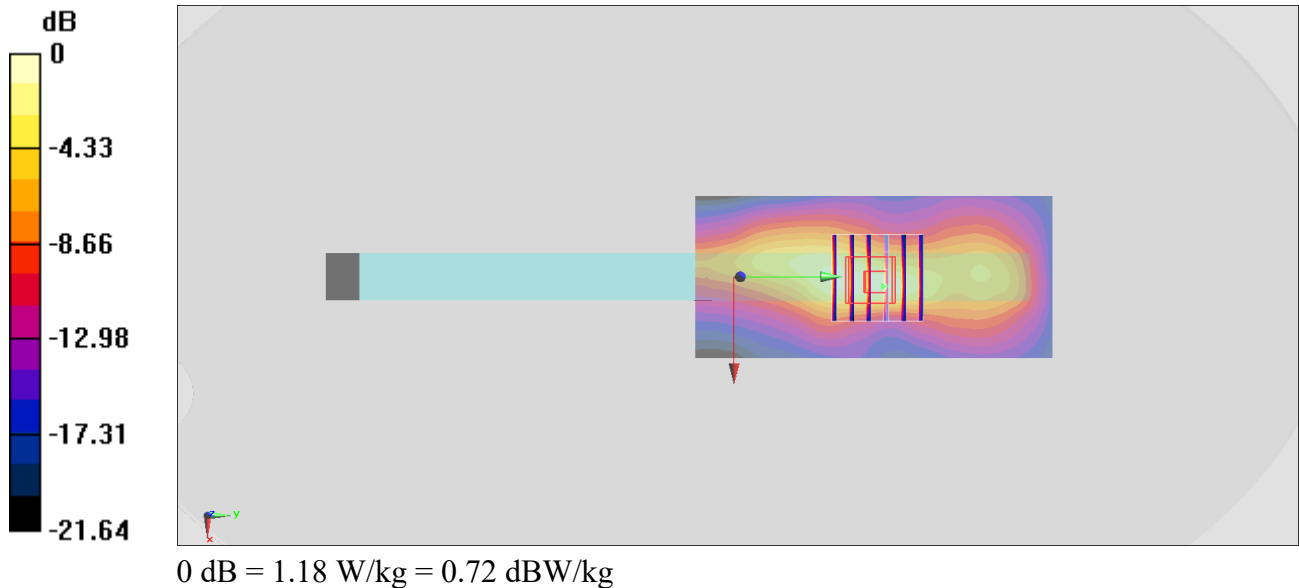
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 36.87 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 2.29 W/kg

SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.483 W/kg

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



#03_WCDMA V_RMC 12.2Kbps_Edge 1_0mm_Ch4233

Communication System: WCDMA; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: HSL_850_200109 Medium parameters used: $f = 847$ MHz; $\sigma = 0.937$ S/m; $\epsilon_r = 42.271$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(9.8, 9.8, 9.8) @ 846.6 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2019/5/21
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.70 W/kg

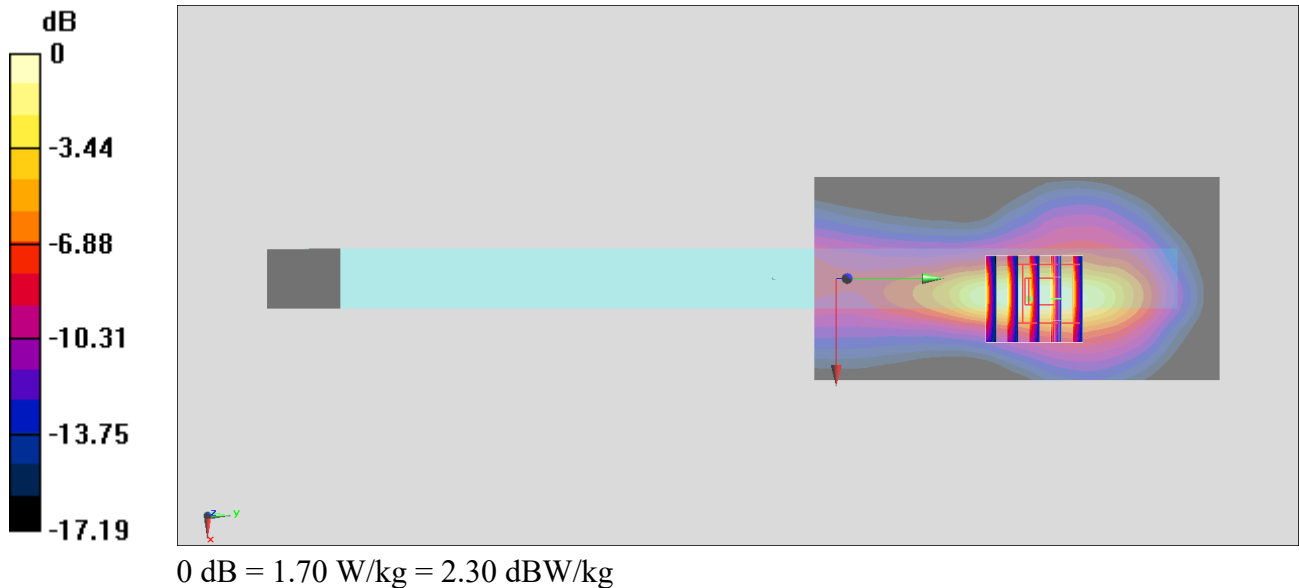
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 49.02 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 2.74 W/kg

SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.513 W/kg

Maximum value of SAR (measured) = 1.82 W/kg



#04_LTE Band 7_20M_QPSK_1_0_Edge 1_0mm_Ch21350

Communication System: LTE; Frequency: 2560 MHz; Duty Cycle: 1:1

Medium: HSL_2600_200107 Medium parameters used: $f = 2560$ MHz; $\sigma = 1.9$ S/m; $\epsilon_r = 38.593$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.43, 7.43, 7.43) @ 2560 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2019/5/21
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

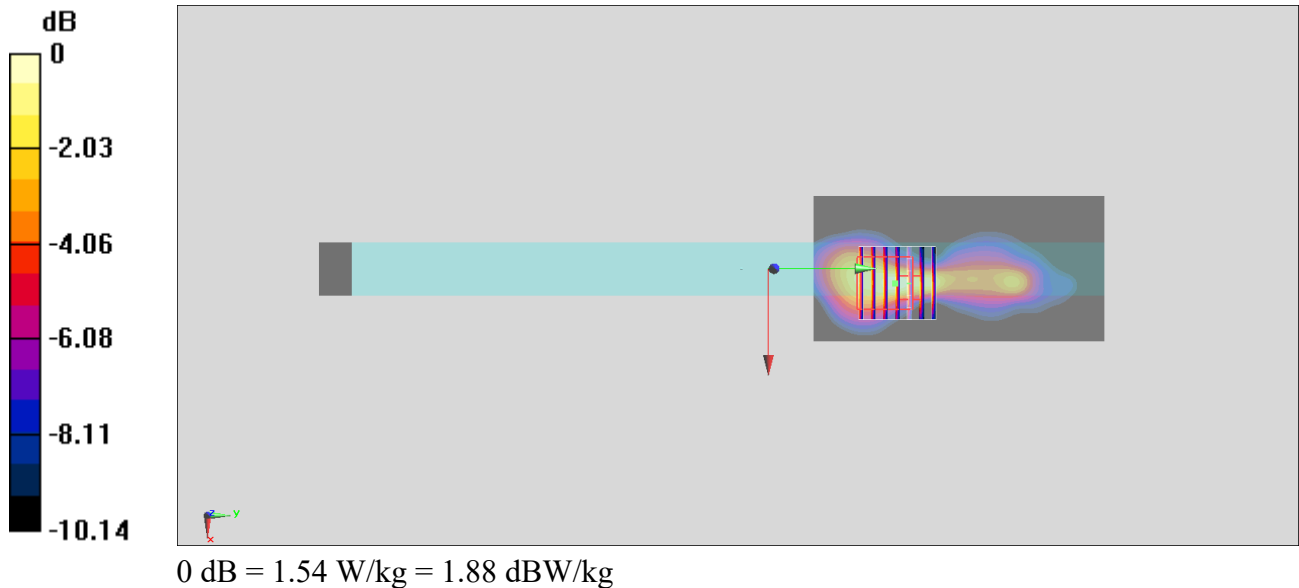
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 25.37 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 2.42 W/kg

SAR(1 g) = 1 W/kg; SAR(10 g) = 0.411 W/kg

Maximum value of SAR (measured) = 1.61 W/kg



#05_LTE Band 12_10M_QPSK_1_0_Edge 1_0mm_Ch23095

Communication System: LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium: HSL_750_200109 Medium parameters used: $f = 707.5$ MHz; $\sigma = 0.888$ S/m; $\epsilon_r = 43.158$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(9.16, 9.16, 9.16) @ 707.5 MHz; Calibrated: 2019/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.40 W/kg

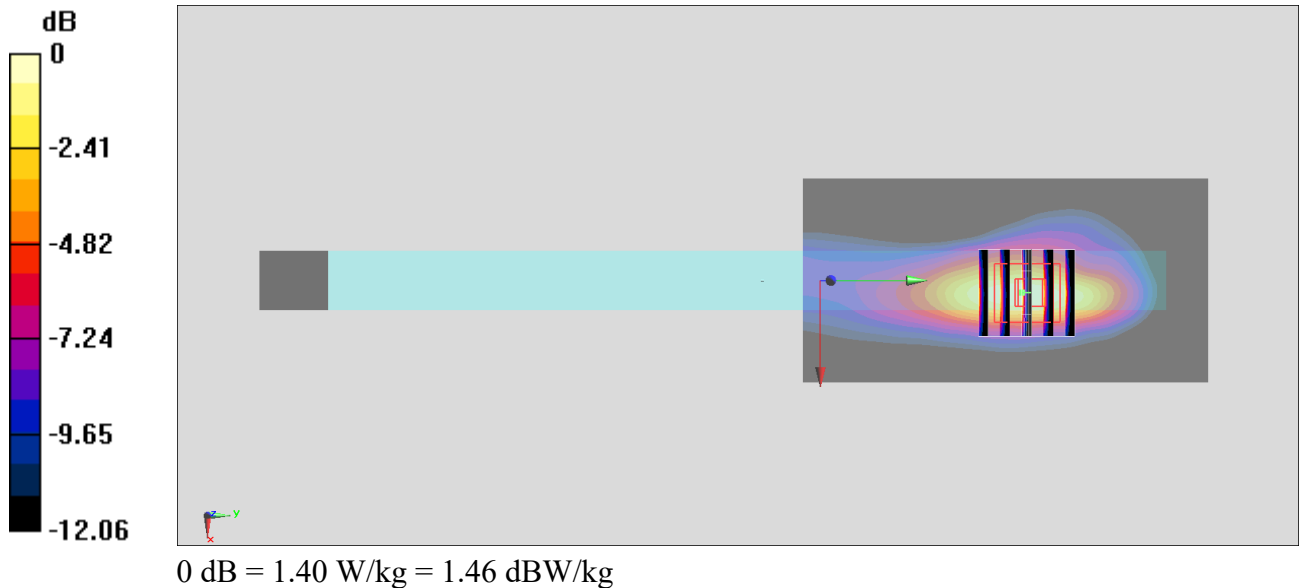
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 44.80 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.41 W/kg

SAR(1 g) = 0.931 W/kg; SAR(10 g) = 0.444 W/kg

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



#06_LTE Band 13_10M_QPSK_1_0_Edge 1_0mm_Ch23230

Communication System: LTE; Frequency: 782 MHz; Duty Cycle: 1:1

Medium: HSL_750_200109 Medium parameters used: $f = 782$ MHz; $\sigma = 0.917$ S/m; $\epsilon_r = 42.748$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(9.16, 9.16, 9.16) @ 782 MHz; Calibrated: 2019/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

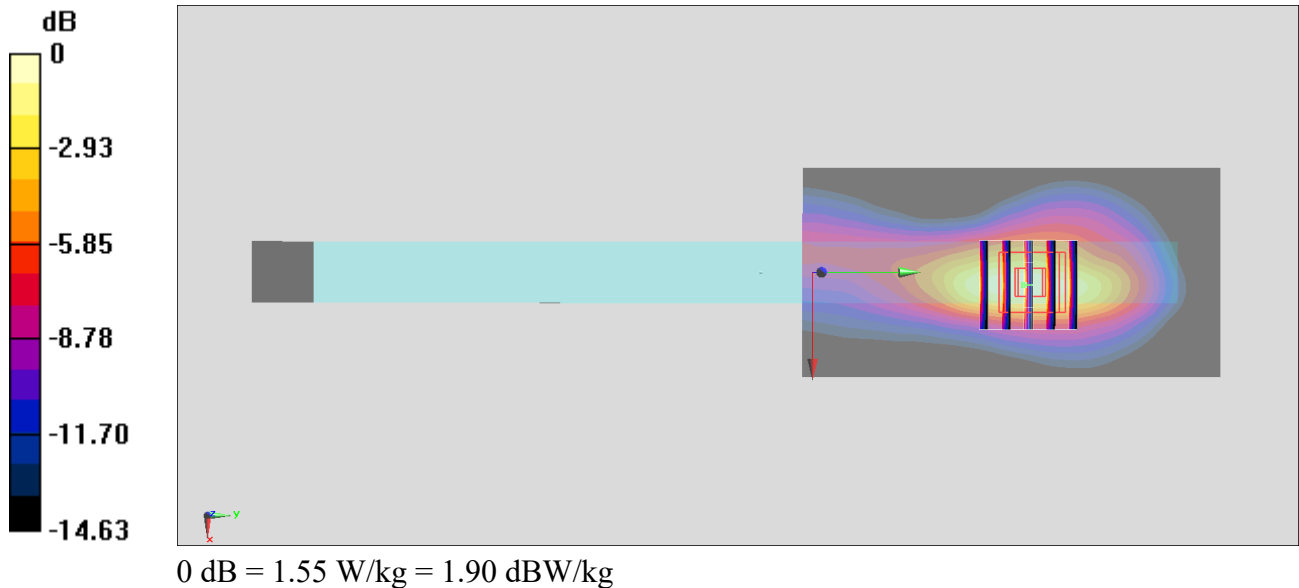
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 46.64 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 2.58 W/kg

SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.513 W/kg

Maximum value of SAR (measured) = 2.00 W/kg



#07_LTE Band 14_10M_QPSK_1_0_Edge 1_0mm_Ch23330

Communication System: LTE; Frequency: 793 MHz; Duty Cycle: 1:1

Medium: HSL_750_200109 Medium parameters used: $f = 793$ MHz; $\sigma = 0.922$ S/m; $\epsilon_r = 42.694$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3642; ConvF(9.16, 9.16, 9.16) @ 793 MHz; Calibrated: 2019/4/29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn854; Calibrated: 2019/5/21
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

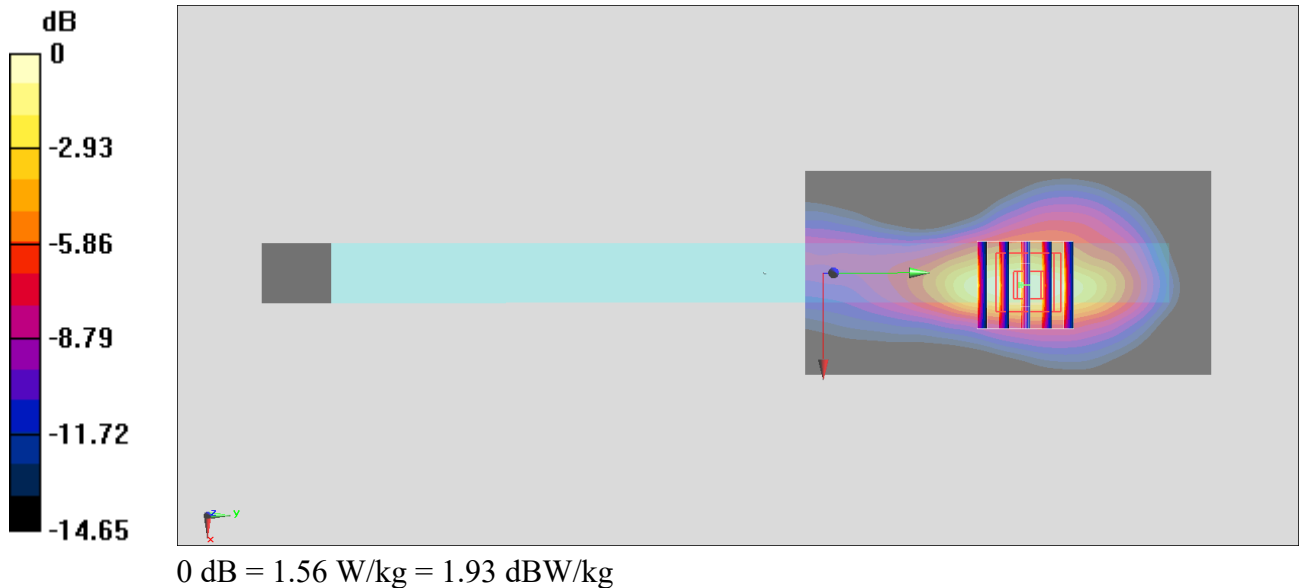
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 46.44 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.67 W/kg

SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.511 W/kg

Maximum value of SAR (measured) = 2.06 W/kg



#08_LTE Band 25_20M_QPSK_1_0_Edge 1_0mm_Ch26590

Communication System: LTE; Frequency: 1905 MHz; Duty Cycle: 1:1

Medium: HSL_1900_200114 Medium parameters used: $f = 1905$ MHz; $\sigma = 1.455$ S/m; $\epsilon_r = 40.867$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(8.32, 8.32, 8.32) @ 1905 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2019/5/21
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (51x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.38 W/kg

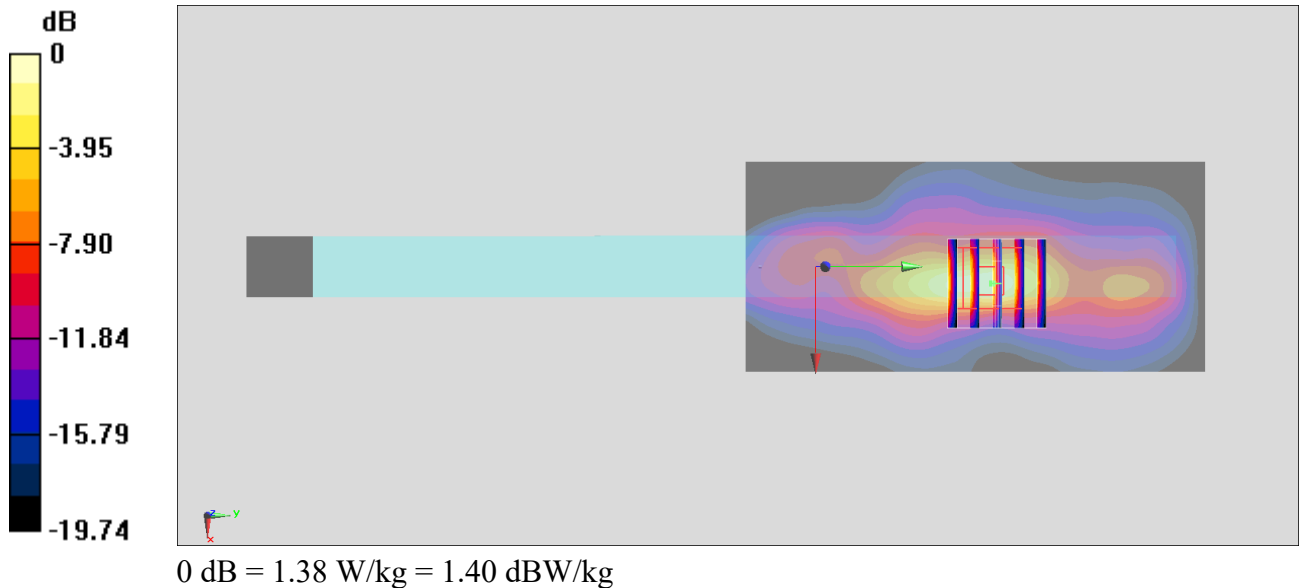
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 34.66 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 1.98 W/kg

SAR(1 g) = 0.884 W/kg; SAR(10 g) = 0.388 W/kg

Maximum value of SAR (measured) = 1.61 W/kg



#09_LTE Band 26_15M_QPSK_1_0_Edge 1_0mm_Ch26865

Communication System: LTE; Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium: HSL_850_200109 Medium parameters used: $f = 831.5$ MHz; $\sigma = 0.931$ S/m; $\epsilon_r = 42.361$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(9.8, 9.8, 9.8) @ 831.5 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2019/5/21
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (51x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.81 W/kg

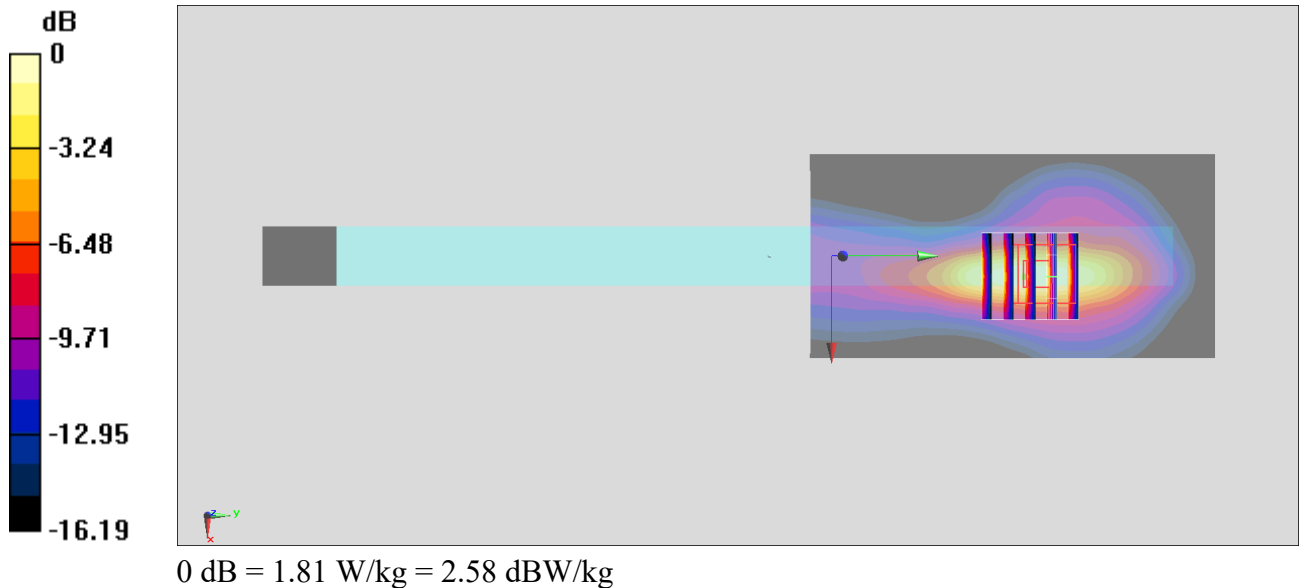
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 48.77 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.40 W/kg

SAR(1 g) = 1.02 W/kg; SAR(10 g) = 0.486 W/kg

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



#10_LTE Band 30_10M_QPSK_1_0_Edge 1_0mm_Ch27710

Communication System: LTE; Frequency: 2310 MHz; Duty Cycle: 1:1

Medium: HSL_2300_200107 Medium parameters used: $f = 2310$ MHz; $\sigma = 1.631$ S/m; $\epsilon_r = 39.557$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.83, 7.83, 7.83) @ 2310 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2019/5/21
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (51x101x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.63 W/kg

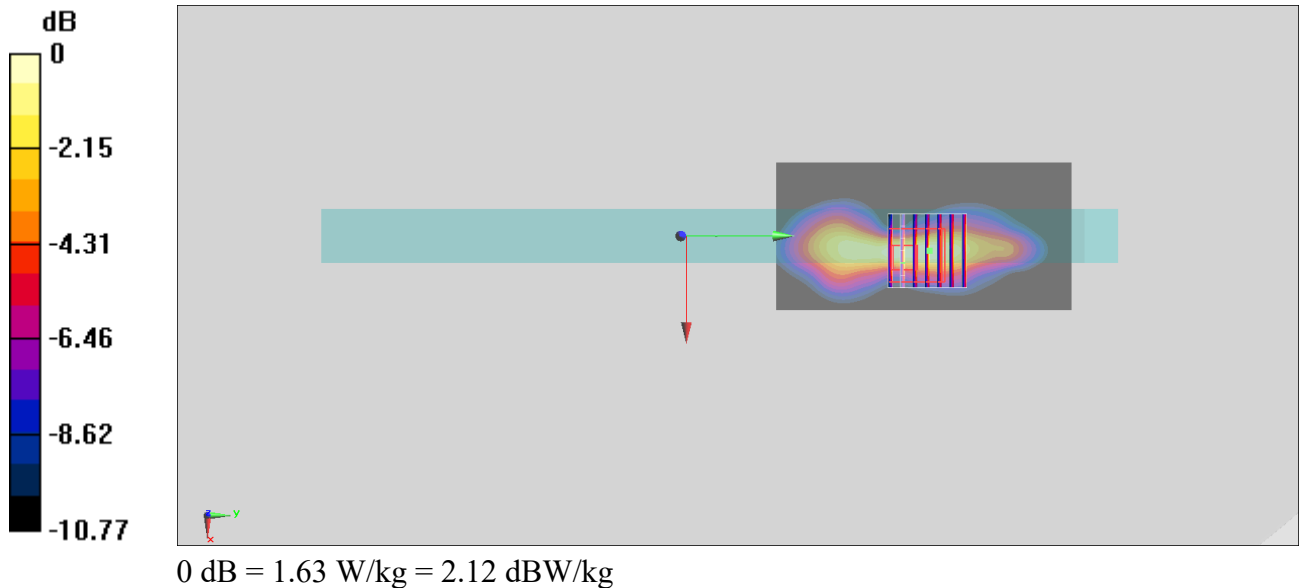
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 27.18 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.75 W/kg

SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.425 W/kg

Maximum value of SAR (measured) = 1.76 W/kg



#11_LTE Band 66_20M_QPSK_1_0_Edge 1_0mm_Ch132572

Communication System: LTE; Frequency: 1770 MHz; Duty Cycle: 1:1

Medium: HSL_1750_200114 Medium parameters used: $f = 1770$ MHz; $\sigma = 1.404$ S/m; $\epsilon_r = 40.558$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.8 °C ; Liquid Temperature : 22.8 °C

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(8.66, 8.66, 8.66) @ 1770 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2019/5/21
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (51x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.994 W/kg

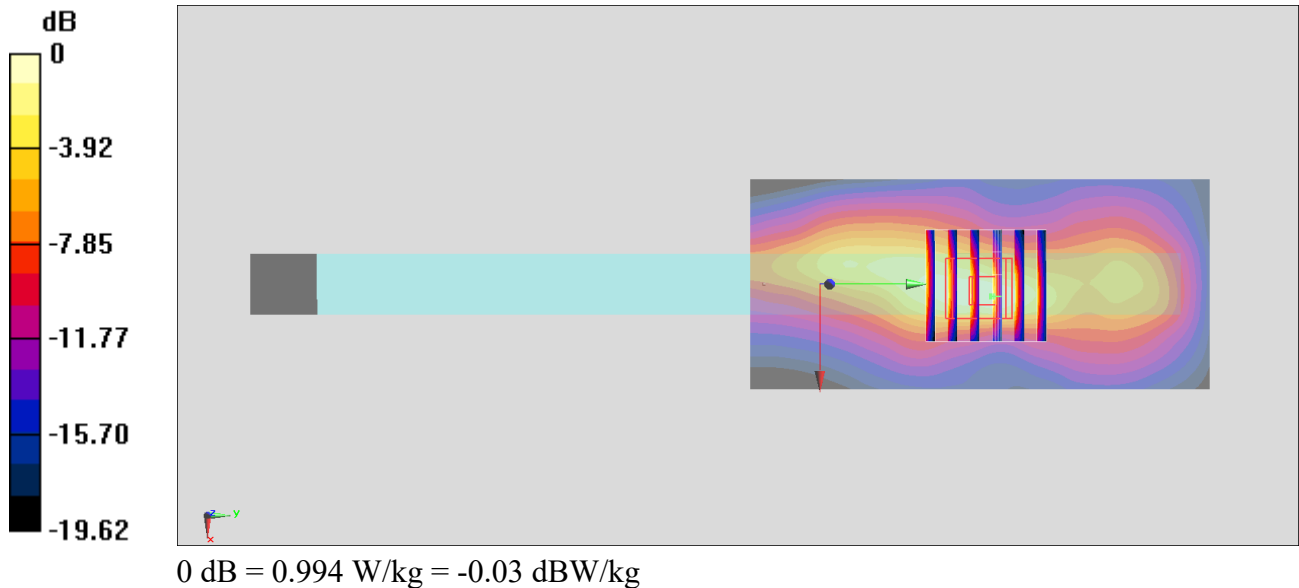
Zoom Scan (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 33.21 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 1.97 W/kg

SAR(1 g) = 0.926 W/kg; SAR(10 g) = 0.410 W/kg

Maximum value of SAR (measured) = 1.51 W/kg



#12_LTE Band 41_20M_QPSK_1_0_Edge 1_0mm_Ch41490

Communication System: LTE; Frequency: 2680 MHz; Duty Cycle: 1:1.59

Medium: HSL_2600_200107 Medium parameters used: $f = 2680$ MHz; $\sigma = 2.031$ S/m; $\epsilon_r = 38.151$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: EX3DV4 - SN3931; ConvF(7.43, 7.43, 7.43) @ 2680 MHz; Calibrated: 2019/9/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn778; Calibrated: 2019/5/21
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1131
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (51x111x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

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

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

Reference Value = 31.37 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 2.96 W/kg

SAR(1 g) = 1.05 W/kg; SAR(10 g) = 0.358 W/kg

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

