

P15 LTE B5_Cat M1_QPSK10M_Ch20525_1RB Offset 0_Index 0_Horizontal Up_0.5cm

DUT: USB Dongle;

Communication System: UID 0, Generic LTE (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.889$ S/m; $\epsilon_r = 42.147$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.0 °C; Liquid Temperature : 22.2 °C

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2021/4/28
- Probe: EX3DV4 - SN7400; ConvF(9.65, 9.65, 9.65) @ 836.5 MHz; Calibrated: 2021/4/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -19.0, 31.0$
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1153
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (4x6x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.111 W/kg

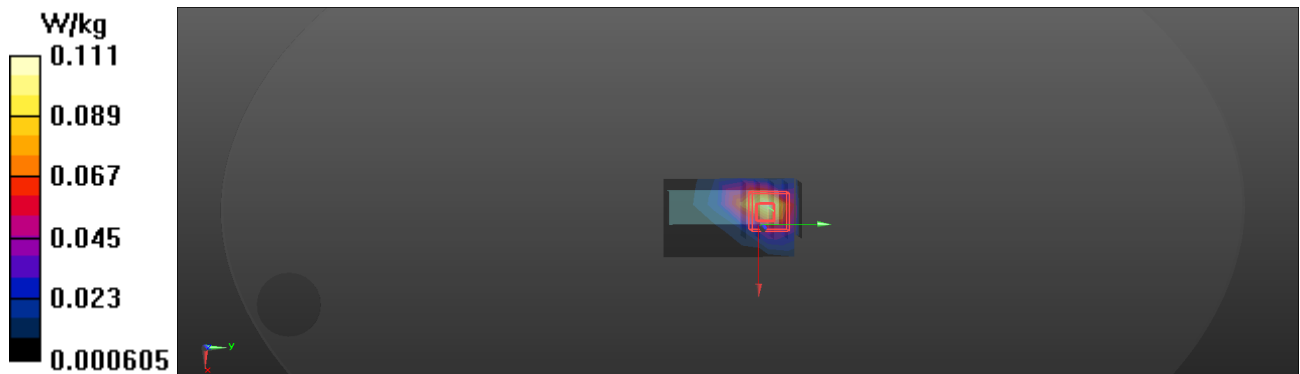
Zoom Scan (5x5x5)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.097 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.207 W/kg

SAR(1 g) = 0.074 W/kg; SAR(10 g) = 0.034 W/kg

Maximum value of SAR (measured) = 0.129 W/kg



P22 LTE B5_Cat M1_QPSK10M_Ch20525_3RB Offset 0_Index 0_Horizontal Up_0.5cm**DUT: USB Dongle;**

Communication System: UID 0, Generic LTE (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.889$ S/m; $\epsilon_r = 42.147$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.0 °C; Liquid Temperature : 22.2 °C

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2021/4/28
- Probe: EX3DV4 - SN7400; ConvF(9.65, 9.65, 9.65) @ 836.5 MHz; Calibrated: 2021/4/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -19.0, 31.0$
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1153
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (4x6x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.108 W/kg

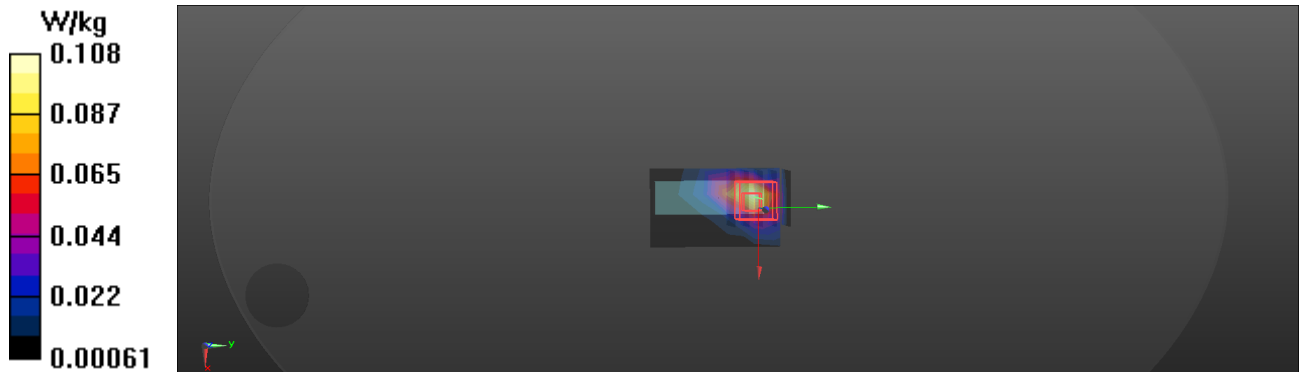
Zoom Scan (5x5x5)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 5.061 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.204 W/kg

SAR(1 g) = 0.074 W/kg; SAR(10 g) = 0.034 W/kg

Maximum value of SAR (measured) = 0.128 W/kg



P29 LTE B12_Cat M1_QPSK10M_Ch23095_1RB Offset 0_Index 0_Horizontal Up_0.5cm**DUT: USB Dongle;**

Communication System: UID 0, Generic LTE (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.854$ S/m; $\epsilon_r = 43.127$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.21°C; Liquid Temperature : 22.1 °C

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2021/4/28
- Probe: EX3DV4 - SN7400; ConvF(9.9, 9.9, 9.9) @ 707.5 MHz; Calibrated: 2021/4/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -19.0, 31.0$
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1153
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (4x6x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.0743 W/kg

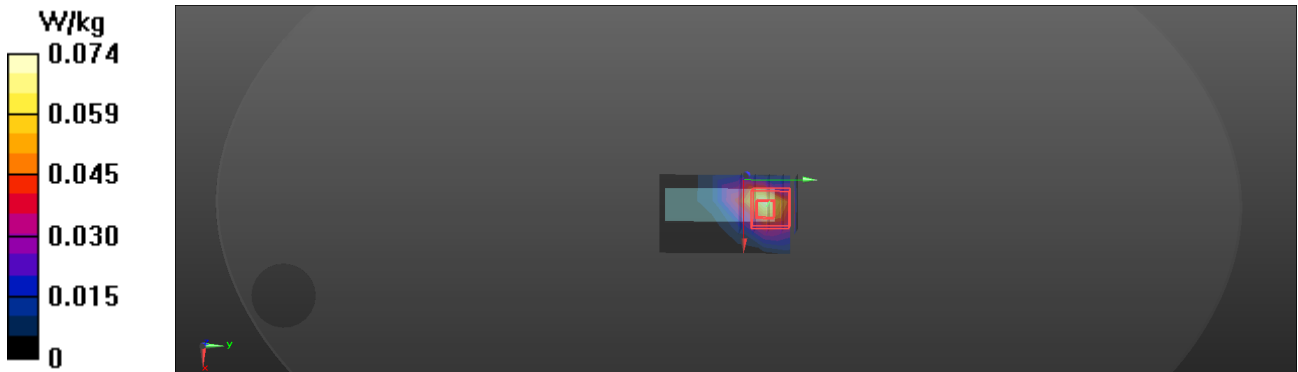
Zoom Scan (5x5x5)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.962 V/m; Power Drift = -0.07dB

Peak SAR (extrapolated) = 0.153 W/kg

SAR(1 g) = 0.052 W/kg; SAR(10 g) = 0.024 W/kg

Maximum value of SAR (measured) = 0.103 W/kg



P36 LTE B12_Cat M1_QPSK10M_Ch23095_3RB Offset 0_Index 0_Horizontal Up_0.5cm**DUT: USB Dongle;**

Communication System: UID 0, Generic LTE (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.854$ S/m; $\epsilon_r = 43.127$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.1 °C

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2021/4/28
- Probe: EX3DV4 - SN7400; ConvF(9.9, 9.9, 9.9) @ 707.5 MHz; Calibrated: 2021/4/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -19.0, 31.0$
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1153
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (4x6x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.0785 W/kg

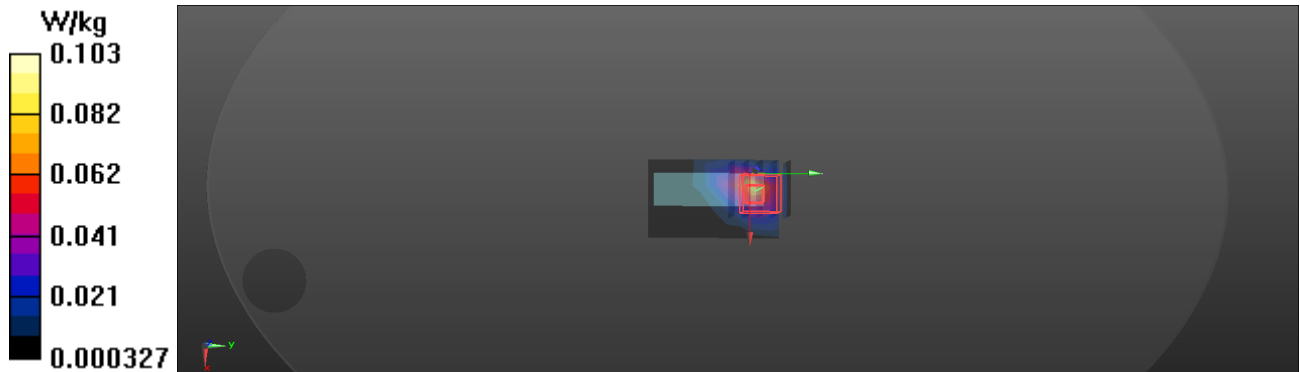
Zoom Scan (5x5x5)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.920 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.153 W/kg

SAR(1 g) = 0.053 W/kg; SAR(10 g) = 0.024 W/kg

Maximum value of SAR (measured) = 0.103 W/kg



P43 LTE B13_Cat M1_QPSK10M_Ch23230_1RB Offset 0_Index 0_Horizontal Up_0.5cm**DUT: USB Dongle;**

Communication System: UID 0, Generic LTE (0); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.931 \text{ S/m}$; $\epsilon_r = 42.125$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.1 °C

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2021/4/28
- Probe: EX3DV4 - SN7400; ConvF(9.9, 9.9, 9.9) @ 782 MHz; Calibrated: 2021/4/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -19.0, 31.0$
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1153
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (4x6x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.152 W/kg

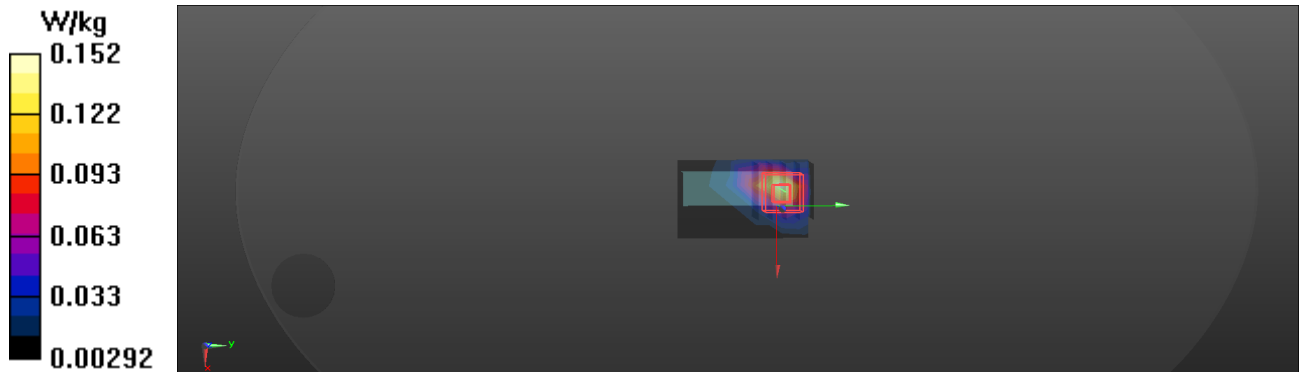
Zoom Scan (5x5x5)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.727 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.304 W/kg

SAR(1 g) = 0.102 W/kg; SAR(10 g) = 0.045 W/kg

Maximum value of SAR (measured) = 0.186 W/kg



P48 LTE B13_Cat M1_QPSK10M_Ch23230_3RB Offset 0_Index 0_Horizontal Up_0.5cm**DUT: USB Dongle;**

Communication System: UID 0, Generic LTE (0); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.931 \text{ S/m}$; $\epsilon_r = 42.125$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.1 °C

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2021/4/28
- Probe: EX3DV4 - SN7400; ConvF(9.9, 9.9, 9.9) @ 782 MHz; Calibrated: 2021/4/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -19.0, 31.0$
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1153
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (4x6x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.156 W/kg

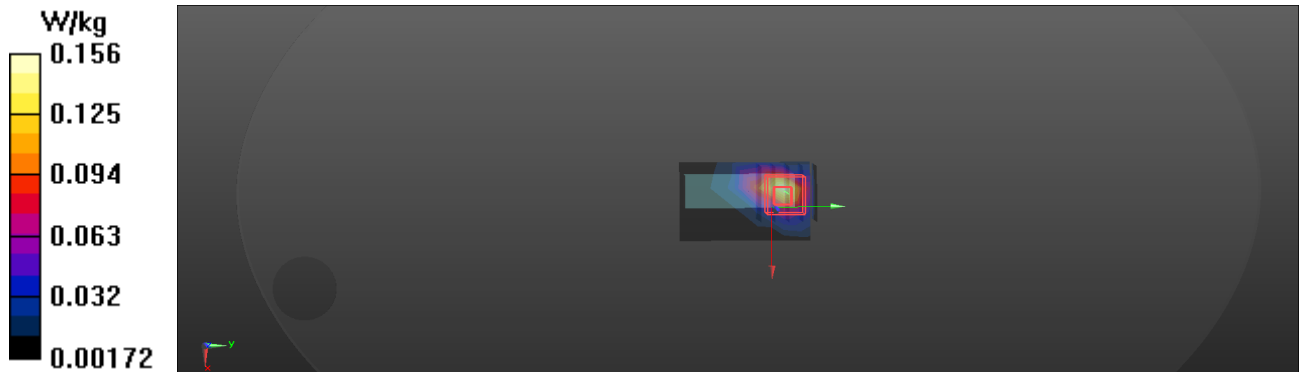
Zoom Scan (5x5x5)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.606 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.316 W/kg

SAR(1 g) = 0.105 W/kg; SAR(10 g) = 0.046 W/kg

Maximum value of SAR (measured) = 0.194 W/kg



P63 LTE B25_Cat M1_QPSK20M_Ch26365_1RB Offset 0_Index 0_Horizontal Up_0.5cm**DUT: USB Dongle;**

Communication System: UID 0, Generic LTE (0); Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1882.5$ MHz; $\sigma = 1.366$ S/m; $\epsilon_r = 38.908$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.0 °C

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2021/4/28
- Probe: EX3DV4 - SN7400; ConvF(8.2, 8.2, 8.2) @ 1882.5 MHz; Calibrated: 2021/4/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -19.0, 31.0$
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1153
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (4x6x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

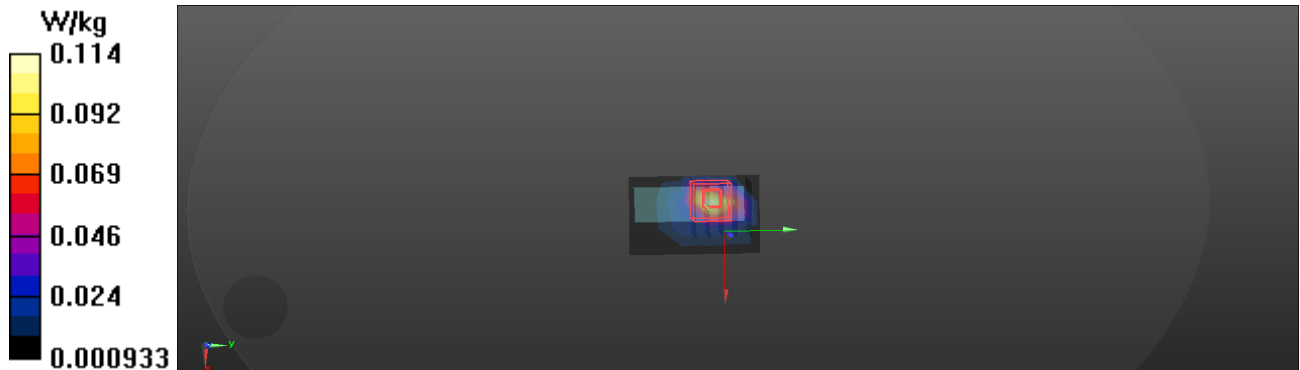
Zoom Scan (5x5x5)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.834 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.144 W/kg

SAR(1 g) = 0.061 W/kg; SAR(10 g) = 0.026 W/kg

Maximum value of SAR (measured) = 0.108 W/kg



P70 LTE B25_Cat M1_QPSK20M_Ch26365_3RB Offset 0_Index 0_Horizontal Up_0.5cm**DUT: USB Dongle;**

Communication System: UID 0, Generic LTE (0); Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1882.5$ MHz; $\sigma = 1.366$ S/m; $\epsilon_r = 38.908$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.0 °C

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2021/4/28
- Probe: EX3DV4 - SN7400; ConvF(8.2, 8.2, 8.2) @ 1882.5 MHz; Calibrated: 2021/4/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -19.0, 31.0$
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1153
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (4x6x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.104 W/kg

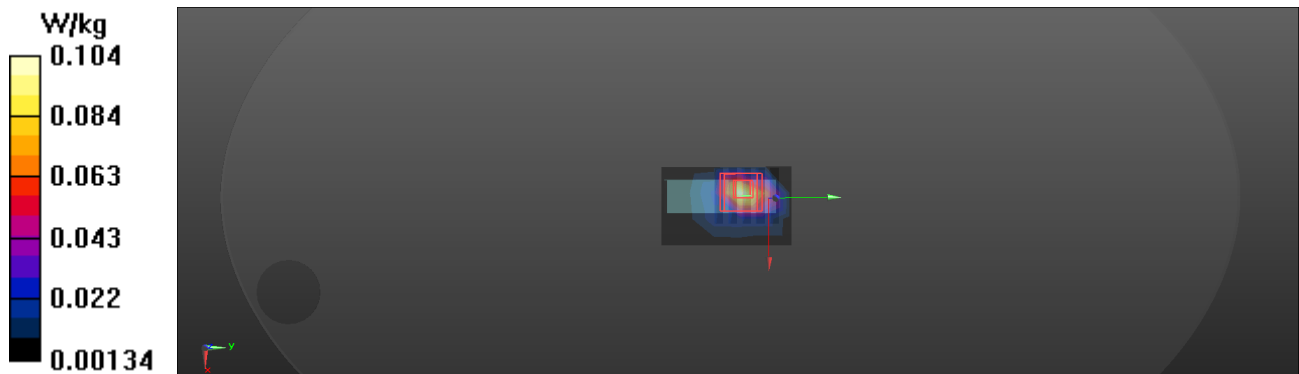
Zoom Scan (5x5x5)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.850 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 0.140 W/kg

SAR(1 g) = 0.055 W/kg; SAR(10 g) = 0.023 W/kg

Maximum value of SAR (measured) = 0.0966 W/kg



P77 LTE B26_Cat M1_QPSK15M_Ch23865_1RB Offset 0_Index 0_Horizontal Up_0.5cm

DUT: USB Dongle;

Communication System: UID 0, Generic LTE (0); Frequency: 831 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 831 \text{ MHz}$; $\sigma = 0.885 \text{ S/m}$; $\epsilon_r = 42.257$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.0°C ; Liquid Temperature : 22.2°C

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2021/4/28
- Probe: EX3DV4 - SN7400; ConvF(9.65, 9.65, 9.65) @ 831 MHz; Calibrated: 2021/4/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -19.0, 31.0$
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1153
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (4x6x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.0997 W/kg

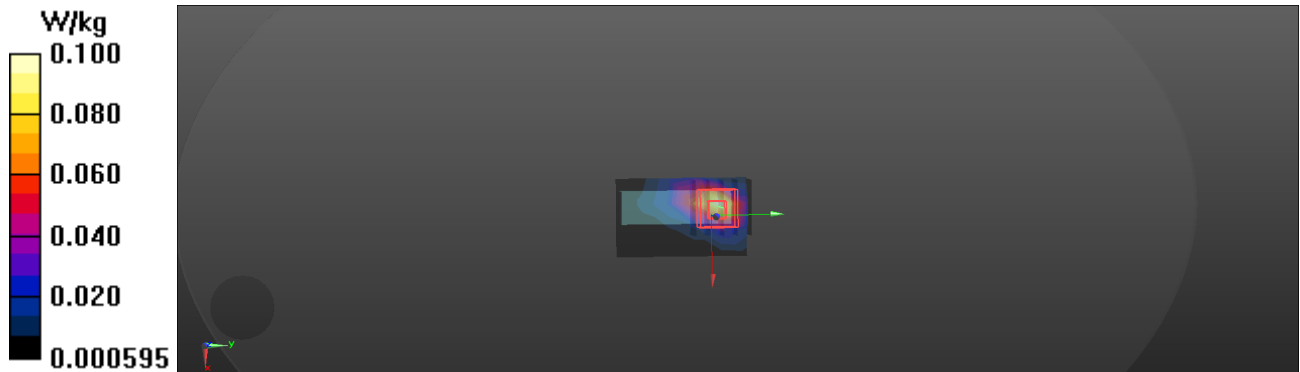
Zoom Scan (5x5x5)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.834 V/m ; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.191 W/kg

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

Maximum value of SAR (measured) = 0.120 W/kg



P84 LTE B26_Cat M1_QPSK15M_Ch23865_3RB Offset 0_Index 0_Horizontal Up_0.5cm**DUT: USB Dongle;**

Communication System: UID 0, Generic LTE (0); Frequency: 831 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 831 \text{ MHz}$; $\sigma = 0.885 \text{ S/m}$; $\epsilon_r = 42.257$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.0°C ; Liquid Temperature : 22.2°C

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2021/4/28
- Probe: EX3DV4 - SN7400; ConvF(9.65, 9.65, 9.65) @ 831 MHz; Calibrated: 2021/4/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -19.0, 31.0$
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1153
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (4x6x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.0973 W/kg

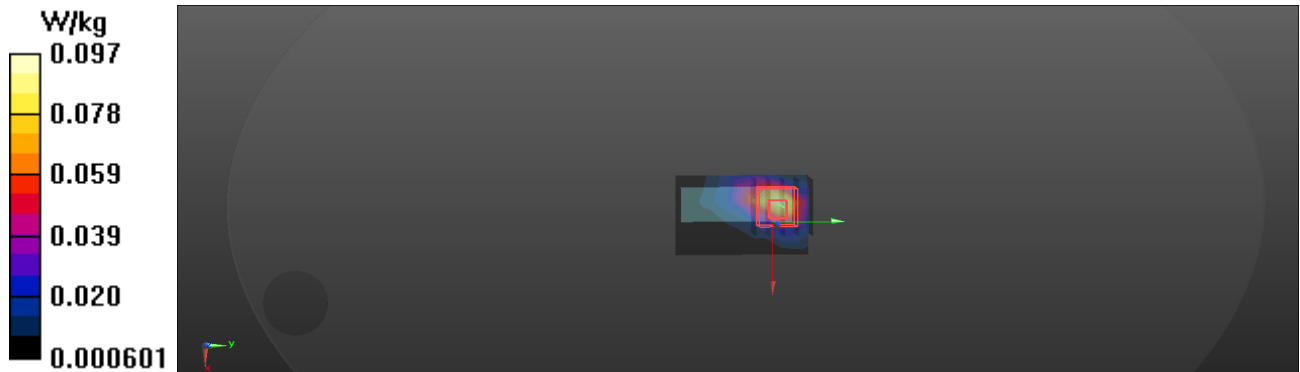
Zoom Scan (5x5x5)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 4.847 V/m ; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.184 W/kg

SAR(1 g) = 0.062 W/kg ; SAR(10 g) = 0.027 W/kg

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



P91 LTE B66_Cat M1_QPSK20M_Ch132322_1RB Offset 0_Index 0_Horizontal Up_0.5cm**DUT: USB Dongle;**

Communication System: UID 0, Generic LTE (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1745$ MHz; $\sigma = 1.34$ S/m; $\epsilon_r = 41.015$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2021/4/28
- Probe: EX3DV4 - SN7400; ConvF(8.5, 8.5, 8.5) @ 1745 MHz; Calibrated: 2021/4/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -19.0, 31.0$
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1153
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (4x6x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.493 W/kg

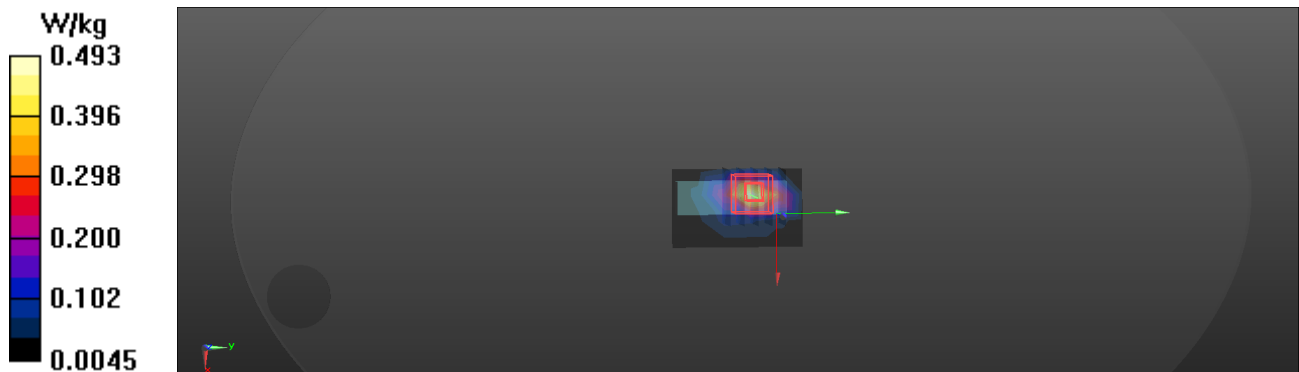
Zoom Scan (5x5x5)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 14.67 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.626 W/kg

SAR(1 g) = 0.300 W/kg; SAR(10 g) = 0.141 W/kg

Maximum value of SAR (measured) = 0.496 W/kg



P98 LTE B66_Cat M1_QPSK20M_Ch132322_3RB Offset 0_Index 0_Horizontal Up_0.5cm**DUT: USB Dongle;**

Communication System: UID 0, Generic LTE (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1745$ MHz; $\sigma = 1.34$ S/m; $\epsilon_r = 41.015$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2021/4/28
- Probe: EX3DV4 - SN7400; ConvF(8.5, 8.5, 8.5) @ 1745 MHz; Calibrated: 2021/4/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -19.0, 31.0$
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1153
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (4x6x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.579 W/kg

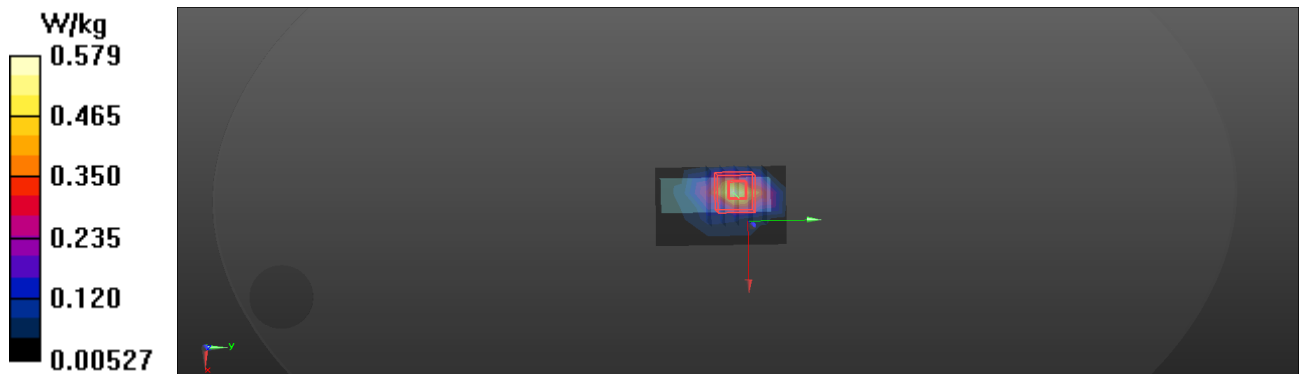
Zoom Scan (5x5x5)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 15.90 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.726 W/kg

SAR(1 g) = 0.351 W/kg; SAR(10 g) = 0.166 W/kg

Maximum value of SAR (measured) = 0.574 W/kg



P200 LTE B5_NB-IOT_QPSK15KHz_Ch20525_Ntones 1@0_Horizontal Up_0.5cm**DUT: USB Dongle;**

Communication System: UID 0, LTE NB-IOT (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.89$ S/m; $\epsilon_r = 42.131$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.9 °C; Liquid Temperature : 21.9°C

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2021/4/28
- Probe: EX3DV4 - SN7400; ConvF(9.65, 9.65, 9.65) @ 836.5 MHz; Calibrated: 2021/4/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -19.0, 31.0$
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1153
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (4x6x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.0697 W/kg

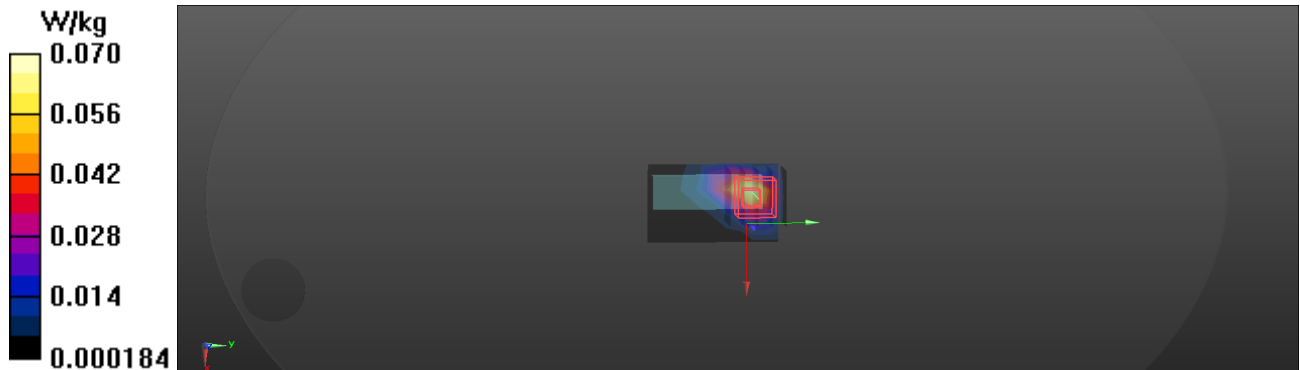
Zoom Scan (5x5x5)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.482 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.0970 W/kg

SAR(1 g) = 0.037 W/kg; SAR(10 g) = 0.018 W/kg

Maximum value of SAR (measured) = 0.0671 W/kg



P207 LTE B5_NB-IOT_QPSK15KHz_Ch20525_Ntones 3@3_Horizontal Up_0.5cm**DUT: USB Dongle;**

Communication System: UID 0, LTE NB-IOT (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.89$ S/m; $\epsilon_r = 42.131$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.9 °C; Liquid Temperature : 21.9 °C

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2021/4/28
- Probe: EX3DV4 - SN7400; ConvF(9.65, 9.65, 9.65) @ 836.5 MHz; Calibrated: 2021/4/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -19.0, 31.0$
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1153
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (4x6x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.0547 W/kg

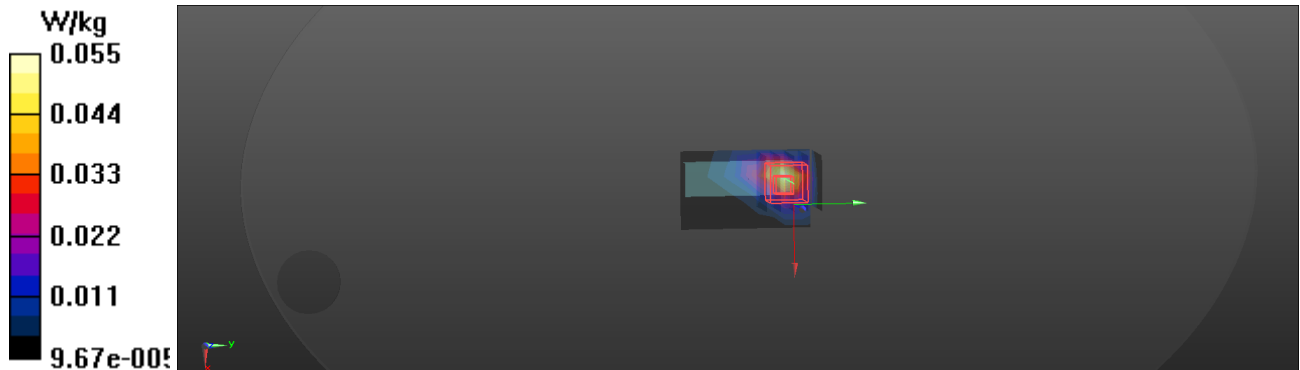
Zoom Scan (5x5x5)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.429 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.107 W/kg

SAR(1 g) = 0.036 W/kg; SAR(10 g) = 0.016 W/kg

Maximum value of SAR (measured) = 0.0609 W/kg



P214 LTE B12_NB-IOT_QPSK15KHz_Ch23095_Ntones 1@0_Horizontal Up_0.5cm**DUT: USB Dongle;**

Communication System: UID 0, LTE NB-IOT (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.854$ S/m; $\epsilon_r = 42.417$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.0 °C; Liquid Temperature : 21.8°C

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2021/4/28
- Probe: EX3DV4 - SN7400; ConvF(9.9, 9.9, 9.9) @ 707.5 MHz; Calibrated: 2021/4/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -19.0, 31.0$
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1153
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (4x6x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.0274 W/kg

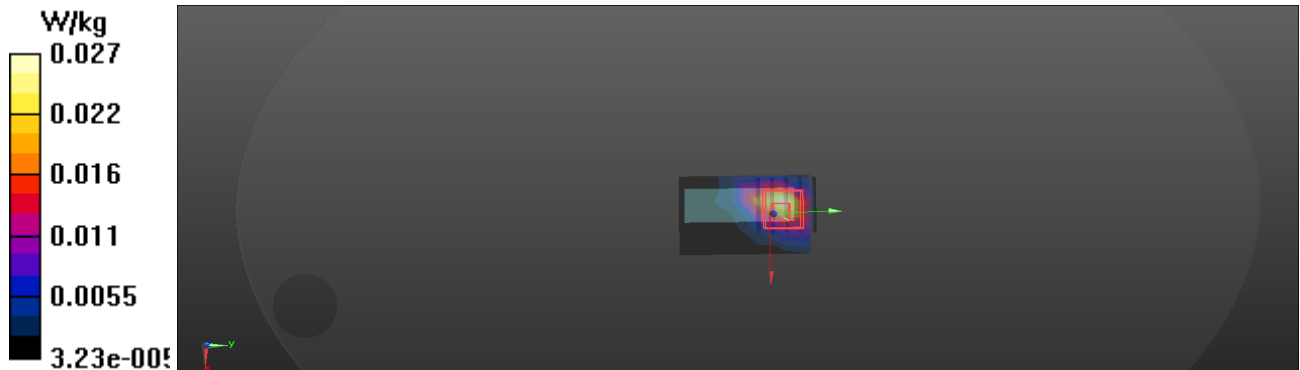
Zoom Scan (5x5x5)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.044 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.0620 W/kg

SAR(1 g) = 0.021 W/kg; SAR(10 g) = 0.0097 W/kg

Maximum value of SAR (measured) = 0.0421 W/kg



P221 LTE B12_NB-IOT_QPSK15KHz_Ch23095_Ntones 3@3_Horizontal Up_0.5cm**DUT: USB Dongle;**

Communication System: UID 0, LTE NB-IOT (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.854$ S/m; $\epsilon_r = 42.417$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.0 °C; Liquid Temperature : 21.8°C

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2021/4/28
- Probe: EX3DV4 - SN7400; ConvF(9.9, 9.9, 9.9) @ 707.5 MHz; Calibrated: 2021/4/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -19.0, 31.0$
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1153
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (4x6x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.0361 W/kg

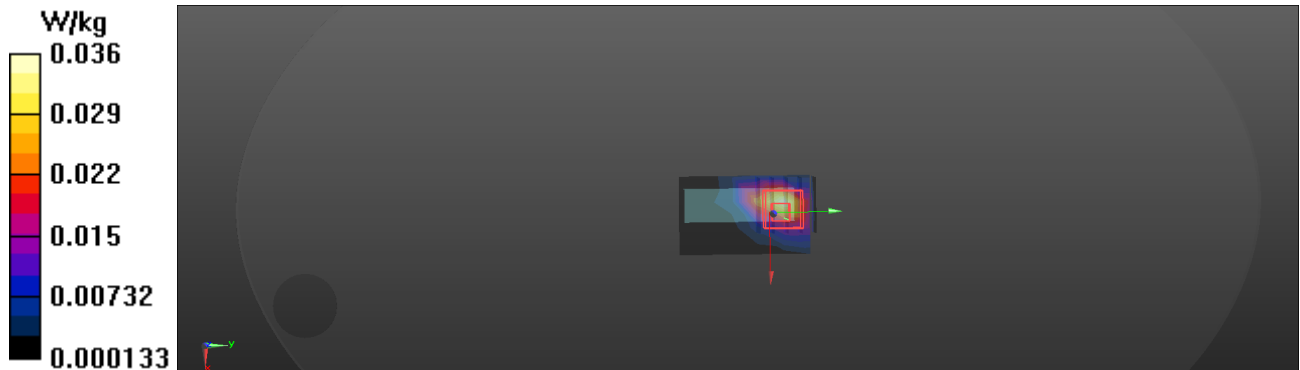
Zoom Scan (5x5x5)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 2.791 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.0720 W/kg

SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.011 W/kg

Maximum value of SAR (measured) = 0.0455 W/kg



P228 LTE B13_NB-IOT_QPSK15KHz_Ch23230_Ntones 1@0_Horizontal Up_0.5cm**DUT: USB Dongle;**

Communication System: UID 0, LTE NB-IOT (0); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.929 \text{ S/m}$; $\epsilon_r = 41.419$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.0°C ; Liquid Temperature : 21.8°C

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2021/4/28
- Probe: EX3DV4 - SN7400; ConvF(9.9, 9.9, 9.9) @ 782 MHz; Calibrated: 2021/4/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -19.0, 31.0$
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1153
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (4x6x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.0821 W/kg

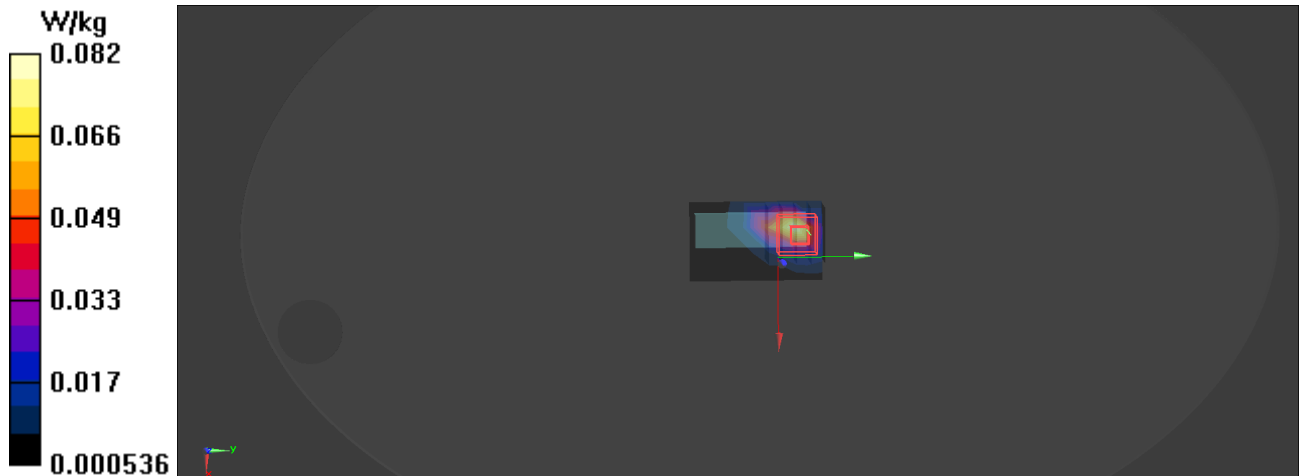
Zoom Scan (5x5x5)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.381 V/m ; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.114 W/kg

SAR(1 g) = 0.041 W/kg ; SAR(10 g) = 0.018 W/kg

Maximum value of SAR (measured) = 0.0745 W/kg



P235 LTE B13_NB-IOT_QPSK15KHz_Ch23230_Ntones 3@3_Horizontal Up_0.5cm**DUT: USB Dongle;**

Communication System: UID 0, LTE NB-IOT (0); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.929 \text{ S/m}$; $\epsilon_r = 41.419$; $\rho = 1000 \text{ kg/m}^3$

Ambient Temperature : 23.0°C ; Liquid Temperature : 21.8°C

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2021/4/28
- Probe: EX3DV4 - SN7400; ConvF(9.9, 9.9, 9.9) @ 782 MHz; Calibrated: 2021/4/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -19.0, 31.0$
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1153
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (4x6x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (measured) = 0.0737 W/kg

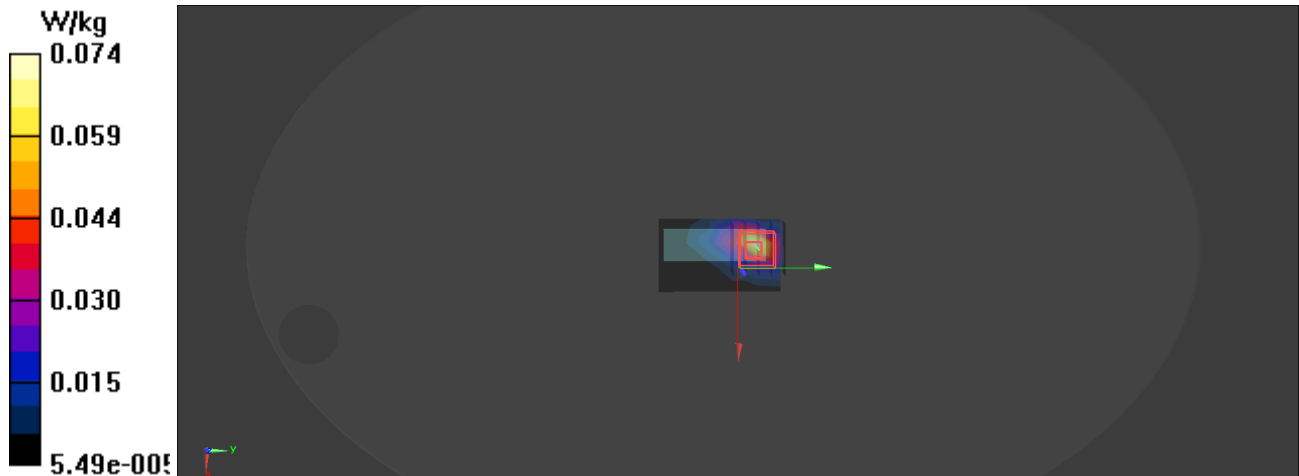
Zoom Scan (5x5x5)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.958 V/m ; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.152 W/kg

SAR(1 g) = 0.042 W/kg ; SAR(10 g) = 0.019 W/kg

Maximum value of SAR (measured) = 0.0943 W/kg



P242 LTE B25_NB-IOT_QPSK15KHz_Ch26365_Ntones 1@0_Horizontal Up_0.5cm**DUT: USB Dongle;**

Communication System: UID 0, LTE NB-IOT (0); Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1882.5$ MHz; $\sigma = 1.366$ S/m; $\epsilon_r = 38.908$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.0°C

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2021/4/28
- Probe: EX3DV4 - SN7400; ConvF(8.2, 8.2, 8.2) @ 1882.5 MHz; Calibrated: 2021/4/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -19.0, 31.0$
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1153
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (4x6x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.0479 W/kg

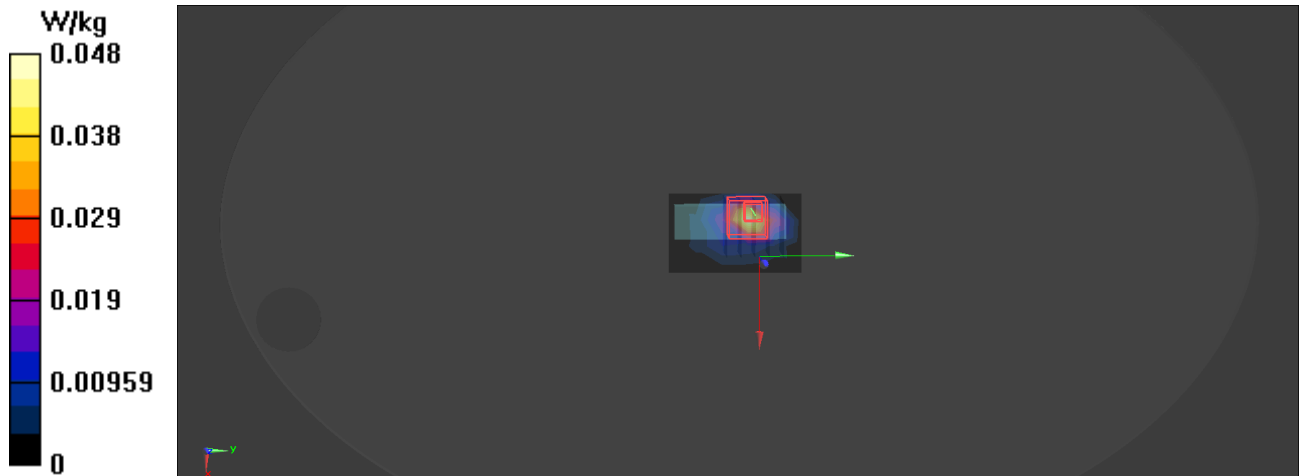
Zoom Scan (5x5x5)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.459 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.0650 W/kg

SAR(1 g) = 0.026 W/kg; SAR(10 g) = 0.011 W/kg

Maximum value of SAR (measured) = 0.0461 W/kg



P249 LTE B25_NB-IOT_QPSK15KHz_Ch26365_Ntones 3@3_Horizontal Up_0.5cm**DUT: USB Dongle;**

Communication System: UID 0, LTE NB-IOT (0); Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 1882.5$ MHz; $\sigma = 1.366$ S/m; $\epsilon_r = 38.908$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.1 °C; Liquid Temperature : 22.0°C

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2021/4/28
- Probe: EX3DV4 - SN7400; ConvF(8.2, 8.2, 8.2) @ 1882.5 MHz; Calibrated: 2021/4/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -19.0, 31.0$
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1153
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (4x6x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.0303 W/kg

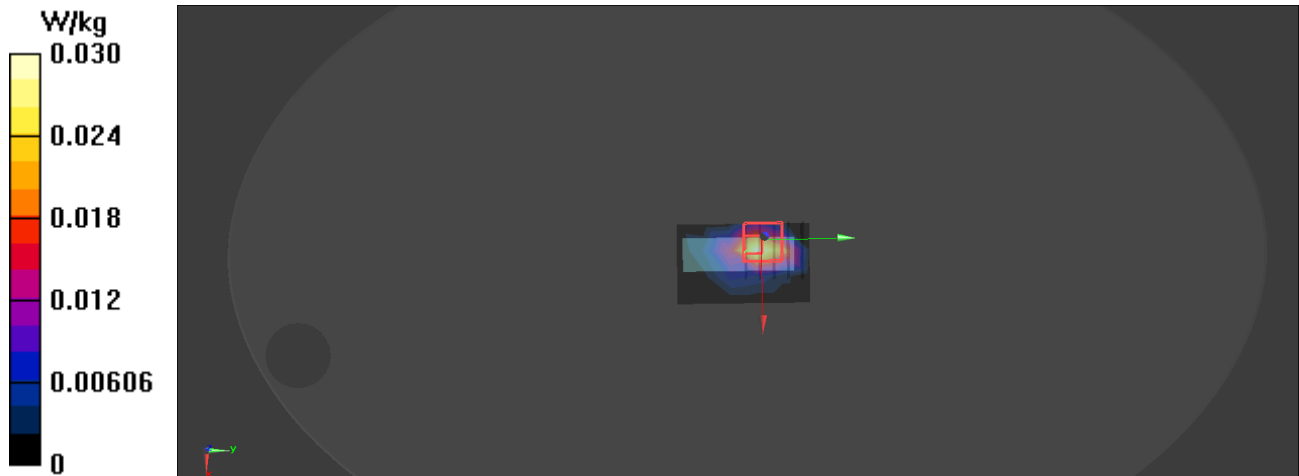
Zoom Scan (5x5x5)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 4.746 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.0500 W/kg

SAR(1 g) = 0.019 W/kg; SAR(10 g) = 0.00761 W/kg

Maximum value of SAR (measured) = 0.0382 W/kg



P256 LTE B26_NB-IOT_QPSK15KHz_Ch26865_Ntones 1@0_Horizontal Up_0.5cm**DUT: USB Dongle;**

Communication System: UID 0, LTE NB-IOT (0); Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 831.5$ MHz; $\sigma = 0.886$ S/m; $\epsilon_r = 42.206$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.9 °C; Liquid Temperature : 21.9°C

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2021/4/28
- Probe: EX3DV4 - SN7400; ConvF(9.65, 9.65, 9.65) @ 831.5 MHz; Calibrated: 2021/4/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -19.0, 31.0$
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1153
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (4x6x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.0676 W/kg

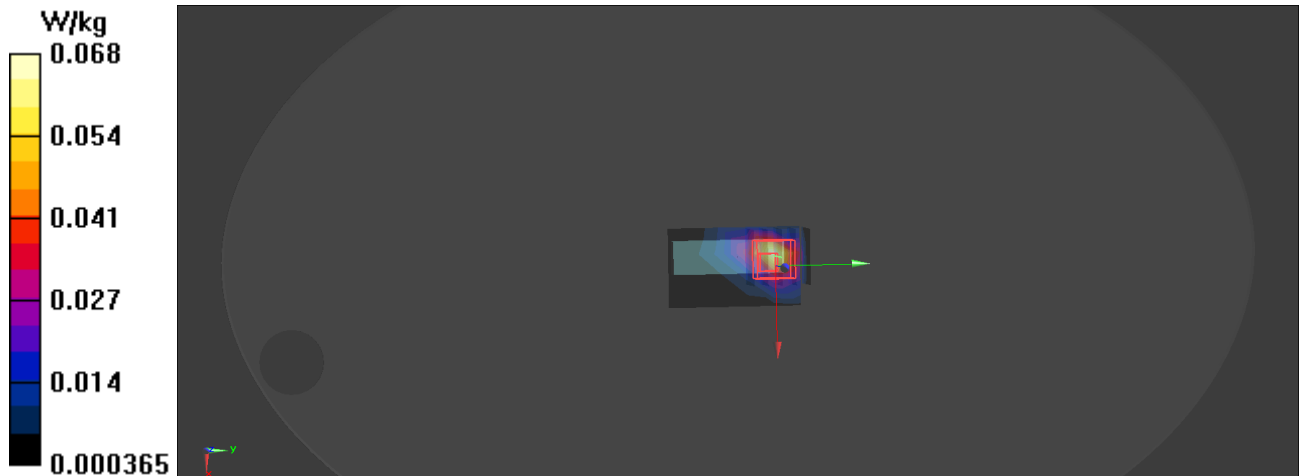
Zoom Scan (5x5x5)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 3.226 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.106 W/kg

SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.018 W/kg

Maximum value of SAR (measured) = 0.0621 W/kg



P263 LTE B26_NB-IOT_QPSK15KHz_Ch26865_Ntones 3@3_Horizontal Up_0.5cm**DUT: USB Dongle;**

Communication System: UID 0, LTE NB-IOT (0); Frequency: 831.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 831.5$ MHz; $\sigma = 0.886$ S/m; $\epsilon_r = 42.206$; $\rho = 1000$ kg/m³

Ambient Temperature : 22.9 °C; Liquid Temperature : 21.9°C

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2021/4/28
- Probe: EX3DV4 - SN7400; ConvF(9.65, 9.65, 9.65) @ 831.5 MHz; Calibrated: 2021/4/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -19.0, 31.0$
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1153
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (4x6x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.0435 W/kg

Zoom Scan (5x5x5)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

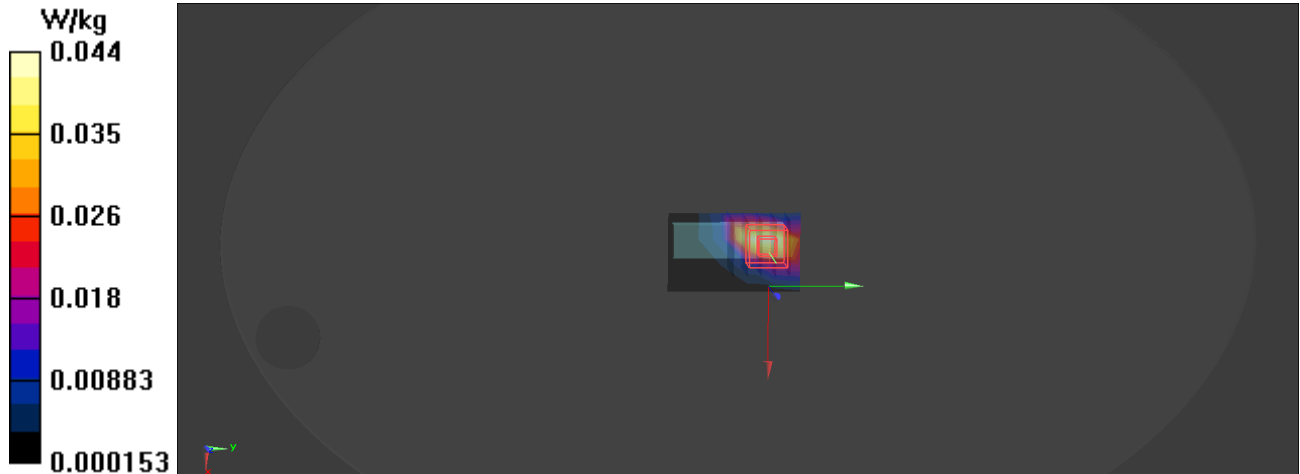
Reference Value = 3.101 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.111 W/kg

SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.016 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Maximum value of SAR (measured) = 0.0646 W/kg



P270 LTE B66_NB-IOT_QPSK15KHz_Ch132322_Ntones 1@0_Horizontal Up_0.5cm**DUT: USB Dongle;**

Communication System: UID 0, LTE NB-IOT (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1745$ MHz; $\sigma = 1.34$ S/m; $\epsilon_r = 41.015$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2021/4/28
- Probe: EX3DV4 - SN7400; ConvF(8.5, 8.5, 8.5) @ 1745 MHz; Calibrated: 2021/4/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -19.0, 31.0$
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1153
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (4x6x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.262 W/kg

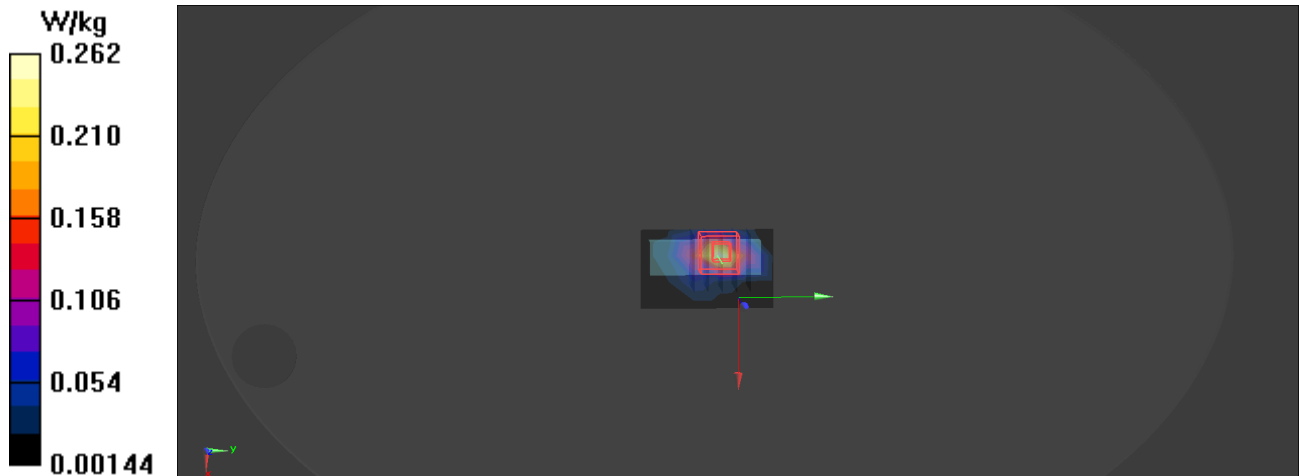
Zoom Scan (5x5x5)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 11.43 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.335 W/kg

SAR(1 g) = 0.157 W/kg; SAR(10 g) = 0.072 W/kg

Maximum value of SAR (measured) = 0.245 W/kg



P277 LTE B66_NB-IOT_QPSK15KHz_Ch132322_Ntones 3@3_Horizontal Up_0.5cm**DUT: USB Dongle;**

Communication System: UID 0, LTE NB-IOT (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1745$ MHz; $\sigma = 1.34$ S/m; $\epsilon_r = 41.015$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.2 °C; Liquid Temperature : 22.1 °C

DASY Configuration:

- Electronics: DAE4 Sn855; Calibrated: 2021/4/28
- Probe: EX3DV4 - SN7400; ConvF(8.5, 8.5, 8.5) @ 1745 MHz; Calibrated: 2021/4/27
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = -19.0, 31.0$
- Phantom: ELI V5.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1153
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (4x6x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (measured) = 0.201 W/kg

Zoom Scan (5x5x5)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 10.08 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.299 W/kg

SAR(1 g) = 0.132 W/kg; SAR(10 g) = 0.062 W/kg

Maximum value of SAR (measured) = 0.216 W/kg

