

#01_Cat M1 LTE Band 5_10M_QPSK_1_0_Front_15mm_Ch20525

Communication System: LTE; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: HSL_850_210607 Medium parameters used : $f = 836.5$ MHz; $\sigma = 0.898$

mho/m; $\epsilon_r = 41.9$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(6.09, 6.09, 6.09); Calibrated: 2020/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2020/9/16
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.227 mW/g

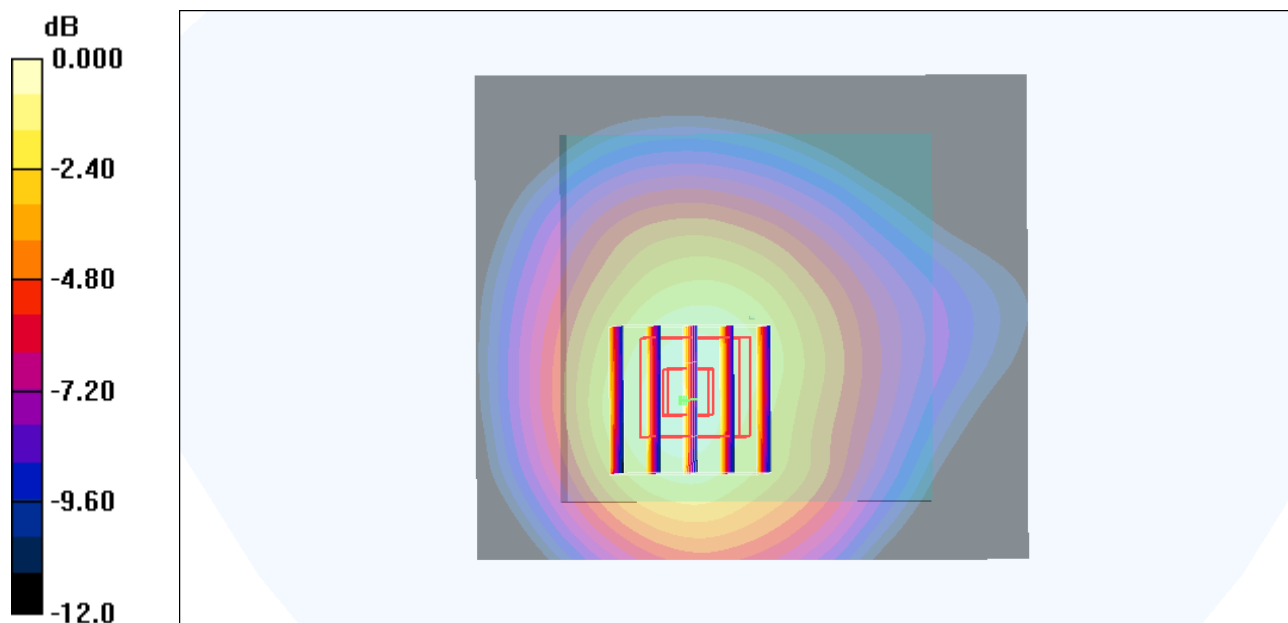
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 13.4 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.281 W/kg

SAR(1 g) = 0.195 mW/g; SAR(10 g) = 0.133 mW/g

Maximum value of SAR (measured) = 0.231 mW/g



0 dB = 0.231mW/g

#02_Cat M1 LTE Band 12_10M_QPSK_1_0_Front_15mm_Ch23095

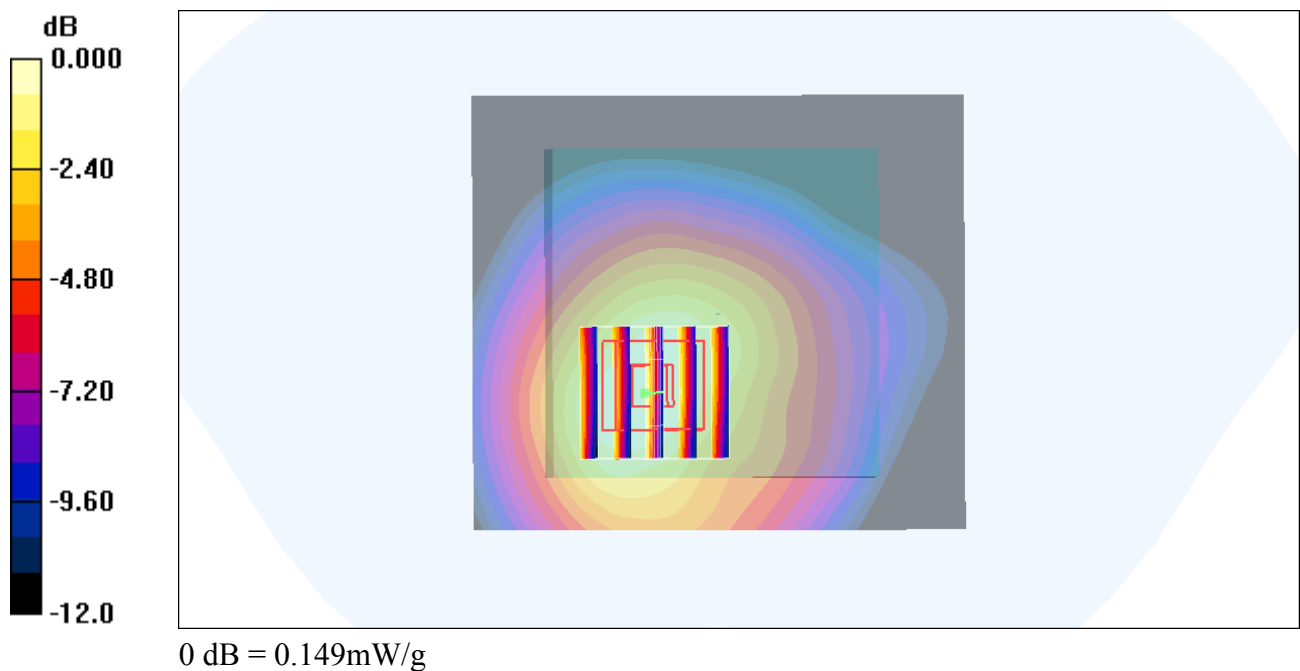
Communication System: LTE; Frequency: 707.5 MHz; Duty Cycle: 1:1
Medium: HSL_750_210607 Medium parameters used : $f = 707.5$ MHz; $\sigma = 0.864$ mho/m; $\epsilon_r = 43.5$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.5 °C; Liquid Temperature : 22.5 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(6.36, 6.36, 6.36); Calibrated: 2020/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2020/9/16
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.163 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.4 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.199 W/kg
SAR(1 g) = 0.138 mW/g; SAR(10 g) = 0.089 mW/g
Maximum value of SAR (measured) = 0.149 mW/g



#03_Cat M1 LTE Band 13_10M_QPSK_1_0_Front_15mm_Ch23230

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

Medium: HSL_750_210607 Medium parameters used: $f = 782$ MHz; $\sigma = 0.932$ mho/m; $\epsilon_r = 42.5$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(6.36, 6.36, 6.36); Calibrated: 2020/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2020/9/16
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.151 mW/g

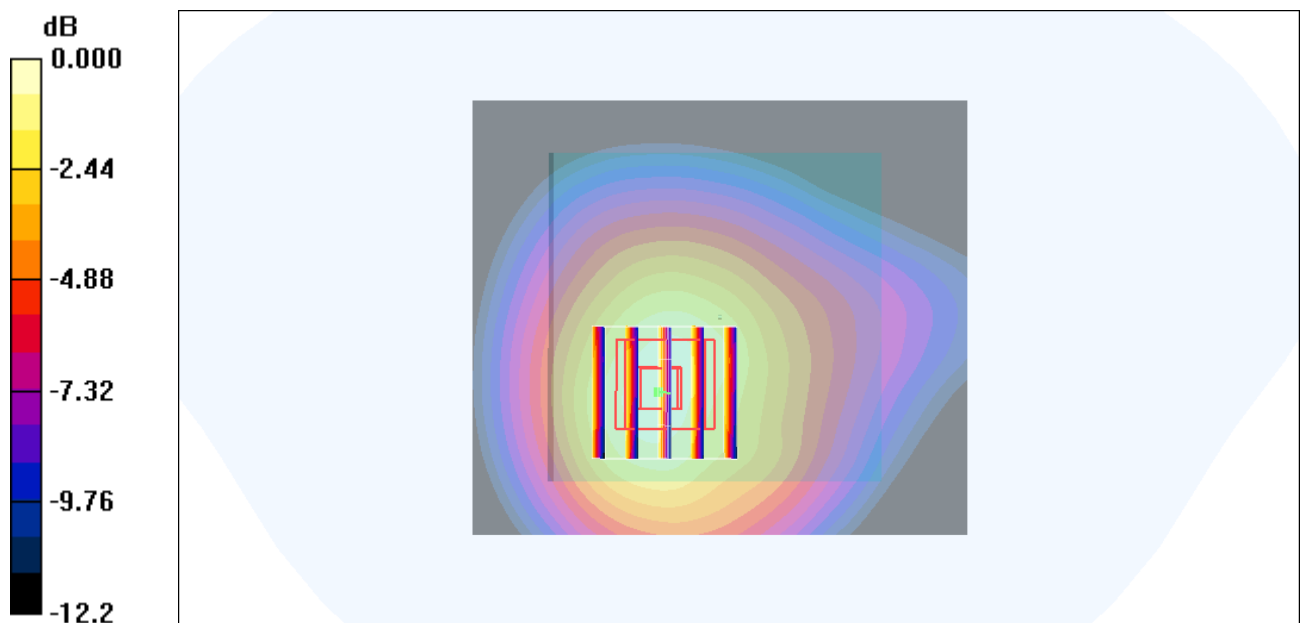
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.5 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.196 W/kg

SAR(1 g) = 0.134 mW/g; SAR(10 g) = 0.087 mW/g

Maximum value of SAR (measured) = 0.158 mW/g



0 dB = 0.158mW/g

#04_Cat M1 LTE Band 25_20M_QPSK_1_0_Front_15mm_Ch26140

Communication System: LTE; Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: HSL_1900_210608 Medium parameters used: $f = 1860$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(5.1, 5.1, 5.1); Calibrated: 2020/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2020/9/16
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.511 mW/g

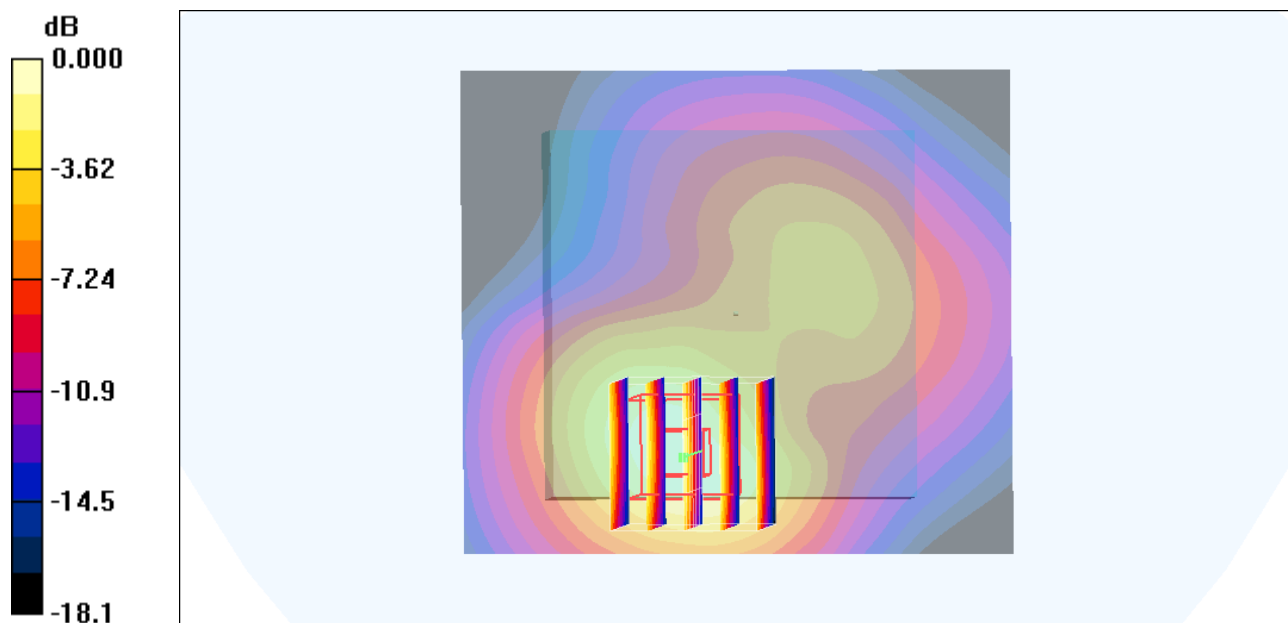
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.11 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.713 W/kg

SAR(1 g) = 0.424 mW/g; SAR(10 g) = 0.238 mW/g

Maximum value of SAR (measured) = 0.520 mW/g



0 dB = 0.520mW/g

#05_Cat M1 LTE Band 26_15M_QPSK_1_0_Front_15mm_Ch26865

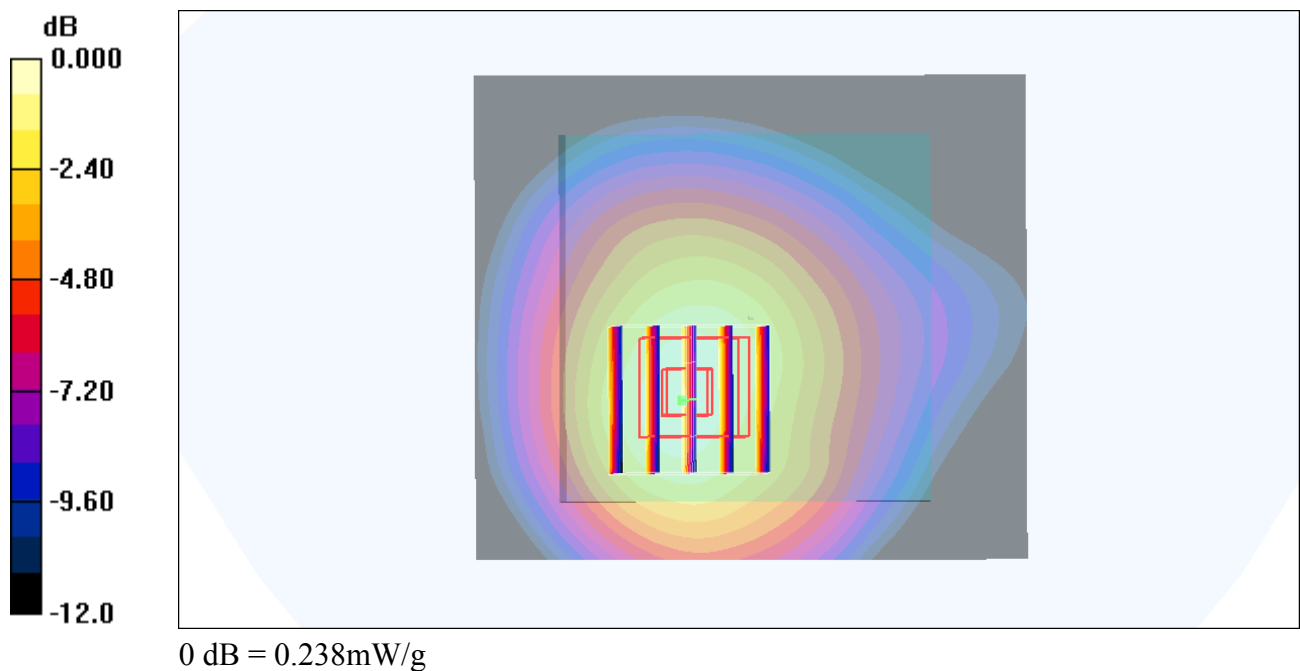
Communication System: LTE; Frequency: 831.5 MHz; Duty Cycle: 1:1
Medium: HSL_850_210607 Medium parameters used : $f = 831.5$ MHz; $\sigma = 0.898$ mho/m; $\epsilon_r = 41.93$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(6.09, 6.09, 6.09); Calibrated: 2020/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2020/9/16
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.236 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.6 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.290 W/kg
SAR(1 g) = 0.204 mW/g; SAR(10 g) = 0.133 mW/g
Maximum value of SAR (measured) = 0.238 mW/g



#06_Cat M1 LTE Band 66_15M_QPSK_1_0_Front_15mm_Ch132597

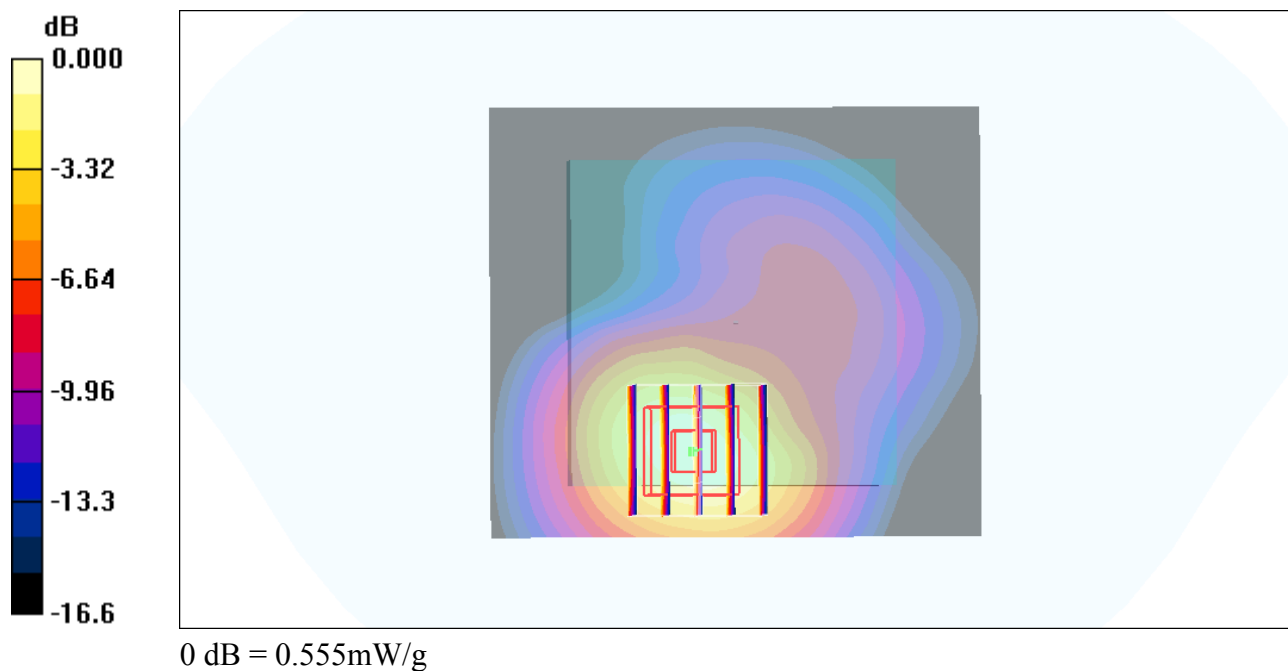
Communication System: LTE; Frequency: 1772.5 MHz; Duty Cycle: 1:1
Medium: HSL_1750_210608 Medium parameters used : $f = 1772.5$ MHz; $\sigma = 1.38$ mho/m; $\epsilon_r = 40.8$; $\rho = 1000$ kg/m³
Ambient Temperature : 23.4 °C; Liquid Temperature : 22.4 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(5.46, 5.46, 5.46); Calibrated: 2020/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2020/9/16
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.552 mW/g

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.37 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.736 W/kg
SAR(1 g) = 0.453 mW/g; SAR(10 g) = 0.256 mW/g
Maximum value of SAR (measured) = 0.555 mW/g



#07_NB-IOT LTE Band 5_3.75KHz_BPSK_1_0_Front_15mm_Ch20402

Communication System: LTE; Frequency: 824.2 MHz; Duty Cycle: 1:1

Medium: HSL_850_210607 Medium parameters used : $f = 824.2$ MHz; $\sigma = 0.892$

mho/m; $\epsilon_r = 42$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(6.09, 6.09, 6.09); Calibrated: 2020/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2020/9/16
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.293 mW/g

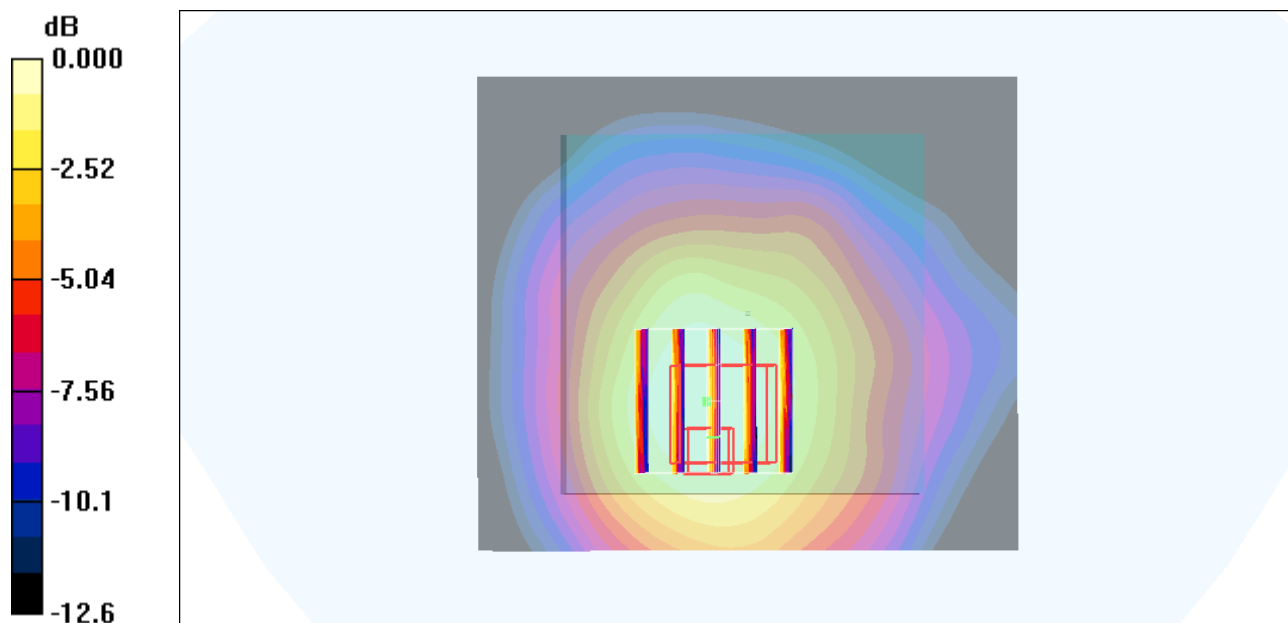
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 14.5 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.431 W/kg

SAR(1 g) = 0.259 mW/g; SAR(10 g) = 0.164 mW/g

Maximum value of SAR (measured) = 0.282 mW/g



0 dB = 0.282mW/g

#08_NB-IOT LTE Band 12_3.75KHz_BPSK_1_0_Front_15mm_Ch23095

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

Medium: HSL_750_210607 Medium parameters used : $f = 707.5$ MHz; $\sigma = 0.864$

mho/m; $\epsilon_r = 43.5$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(6.36, 6.36, 6.36); Calibrated: 2020/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2020/9/16
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.052 mW/g

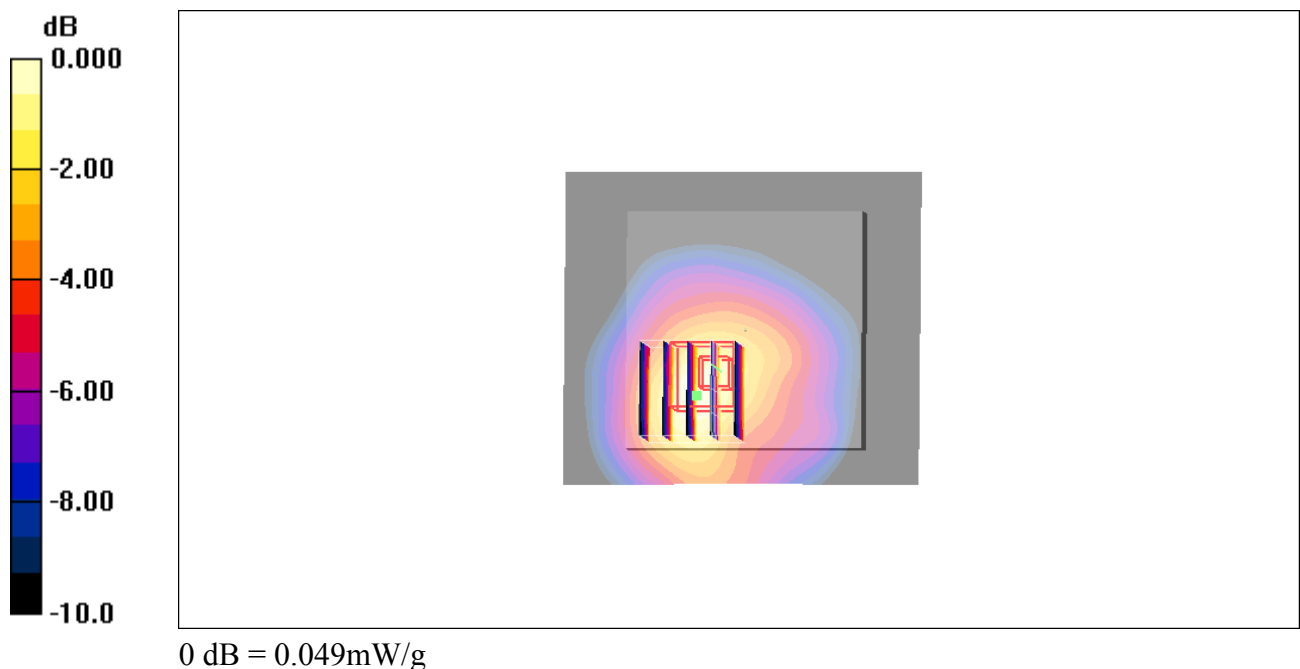
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.21 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.058 W/kg

SAR(1 g) = 0.041 mW/g; SAR(10 g) = 0.027 mW/g

Maximum value of SAR (measured) = 0.049 mW/g



#09_NB-IOT LTE Band 13_3.75KHz_BPSK_1_0_Front_15mm_Ch23278

Communication System: LTE; Frequency: 786.8 MHz; Duty Cycle: 1:1

Medium: HSL_750_210607 Medium parameters used: $f = 787$ MHz; $\sigma = 0.93$ mho/m; $\epsilon_r = 42.4$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(6.36, 6.36, 6.36); Calibrated: 2020/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2020/9/16
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.111 mW/g

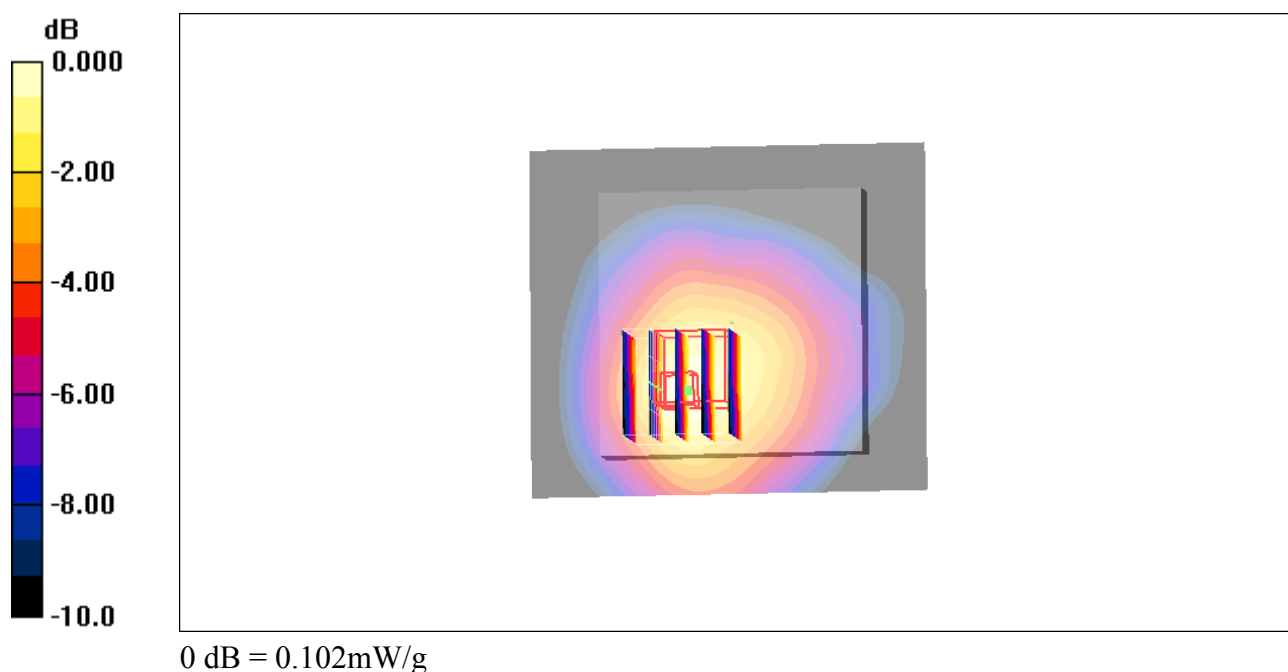
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.49 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.113 W/kg

SAR(1 g) = 0.086 mW/g; SAR(10 g) = 0.058 mW/g

Maximum value of SAR (measured) = 0.102 mW/g



#10_NB-IOT LTE Band 25_3.75KHz_BPSK_1_0_Front_15mm_Ch26688

Communication System: LTE; Frequency: 1914.8 MHz; Duty Cycle: 1:1

Medium: HSL_1900_210608 Medium parameters used : $f = 1914.8$ MHz; $\sigma = 1.46$ mho/m; $\epsilon_r = 39.3$;

$\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(5.1, 5.1, 5.1); Calibrated: 2020/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2020/9/16
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.390 mW/g

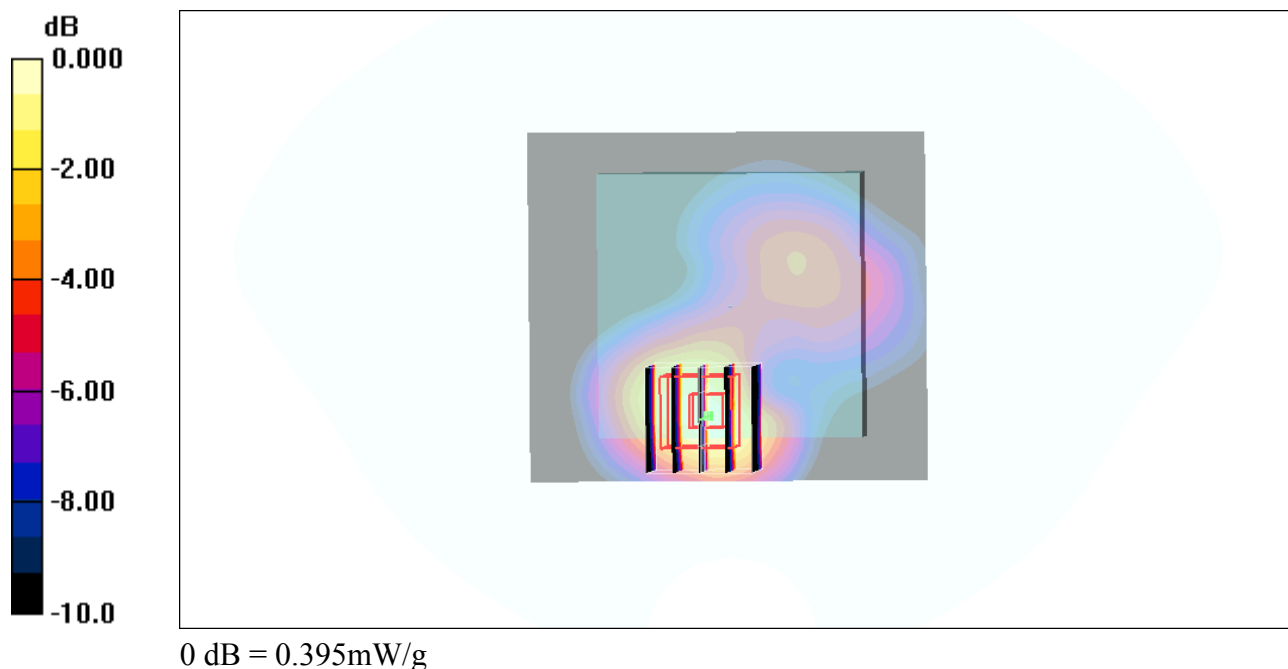
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.91 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.519 W/kg

SAR(1 g) = 0.327 mW/g; SAR(10 g) = 0.186 mW/g

Maximum value of SAR (measured) = 0.395 mW/g



#11_NB-IOT LTE Band 26_3.75KHz_BPSK_1_0_Front_15mm_Ch26740

Communication System: LTE; Frequency: 819 MHz; Duty Cycle: 1:1

Medium: HSL_850_210607 Medium parameters used: $f = 819$ MHz; $\sigma = 0.886$ mho/m; $\epsilon_r = 42.1$; $\rho = 1000$ kg/m³

Ambient Temperature : 23.6 °C; Liquid Temperature : 22.6 °C

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(6.09, 6.09, 6.09); Calibrated: 2020/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2020/9/16
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.341 mW/g

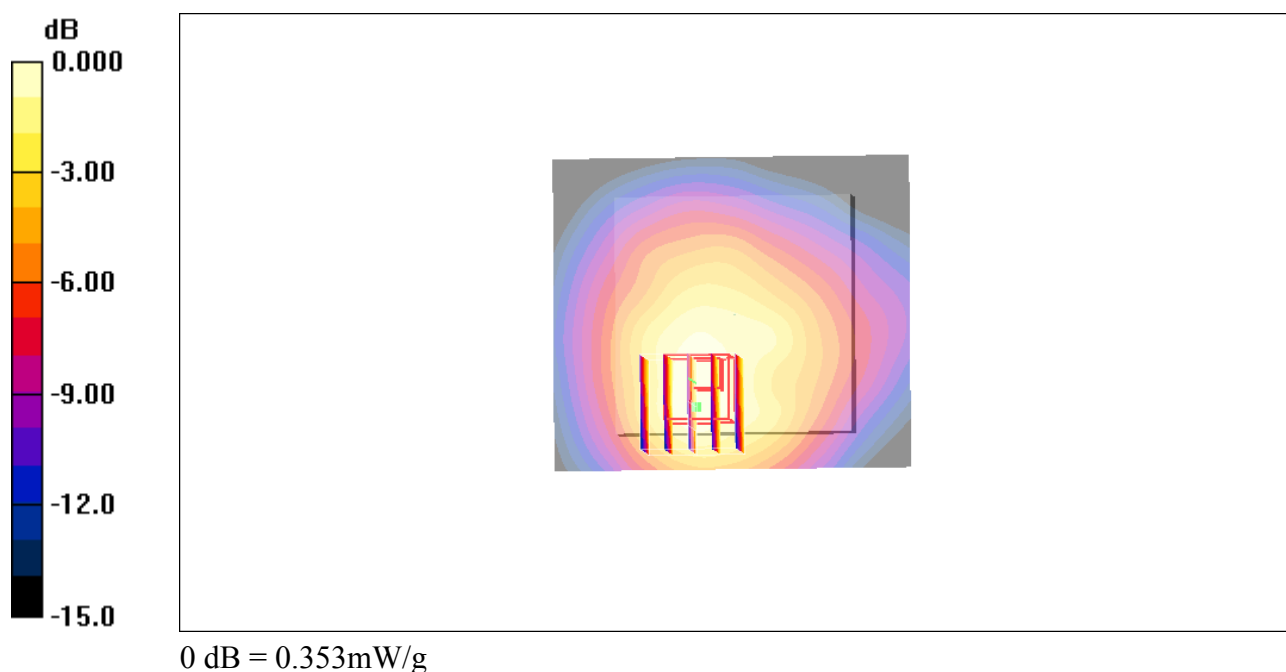
Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.6 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.426 W/kg

SAR(1 g) = 0.321 mW/g; SAR(10 g) = 0.199 mW/g

Maximum value of SAR (measured) = 0.353 mW/g



#12_NB-IOT LTE Band 66_3.75KHz_BPSK_1_0_Front_15mm_Ch132670

Communication System: LTE; Frequency: 1779.8 MHz; Duty Cycle: 1:1

Medium: HSL_1750_210608 Medium parameters used: $f = 1780$ MHz; $\sigma = 1.4$ mho/m; $\epsilon_r = 40.8$; $\rho = 1000$ kg/m³

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

DASY5 Configuration:

- Probe: ES3DV3 - SN3124; ConvF(5.46, 5.46, 5.46); Calibrated: 2020/11/23
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn577; Calibrated: 2020/9/16
- Phantom: SAM_Right; Type: QD000P40CD; Serial: TP:1815
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Area Scan (71x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.813 mW/g

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

Reference Value = 8.99 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.81 W/kg

SAR(1 g) = 0.607 mW/g; SAR(10 g) = 0.366 mW/g

Maximum value of SAR (measured) = 0.793 mW/g

