

Test Laboratory: UL CCS SAR Lab B

1_Vertical Ant_Down

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.937$ mho/m; $\epsilon_r = 56.663$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3773; ConvF(8.74, 8.74, 8.74); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

LTE Band 17 5MHz/QPSK__RBS#1_RBO#0_Main_Ant_M-CH_20MM/Area Scan (71x71x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.00807 mW/g

LTE Band 17 5MHz/QPSK__RBS#1_RBO#0_Main_Ant_M-CH_20MM/Zoom Scan (5x5x7)/Cube 0:

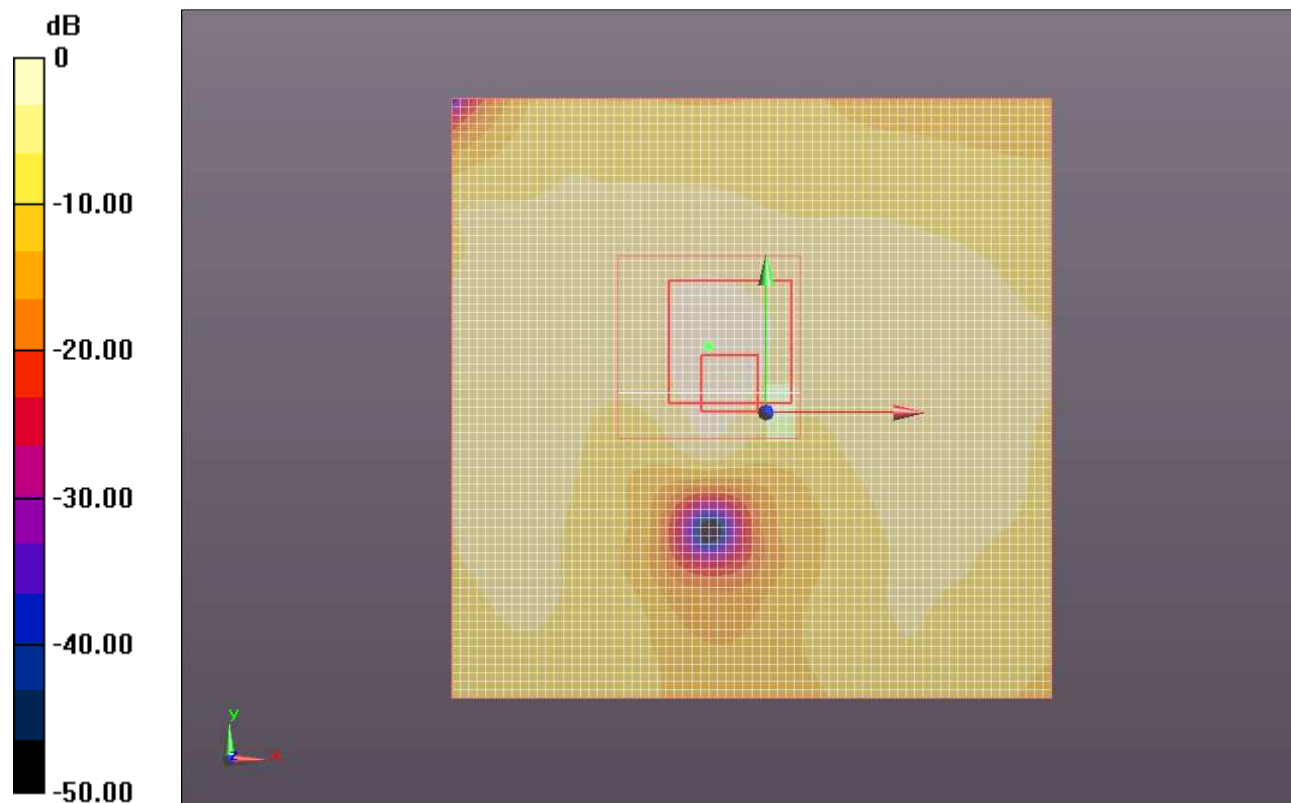
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.968 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.016 W/kg

SAR(1 g) = 0.00735 mW/g; SAR(10 g) = 0.00275 mW/g

Maximum value of SAR (measured) = 0.011 mW/g



0 dB = 0.010mW/g

Test Laboratory: UL CCS SAR Lab B

2_Vertical Ant_UP

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.937$ mho/m; $\epsilon_r = 56.663$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3773; ConvF(8.74, 8.74, 8.74); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

LTE Band 17 5MHz/QPSK__RBS#1_RBO#0_Main_Ant_M-CH_38MM/Area Scan

(71x71x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.083 mW/g

LTE Band 17 5MHz/QPSK__RBS#1_RBO#0_Main_Ant_M-CH_38MM/Zoom Scan

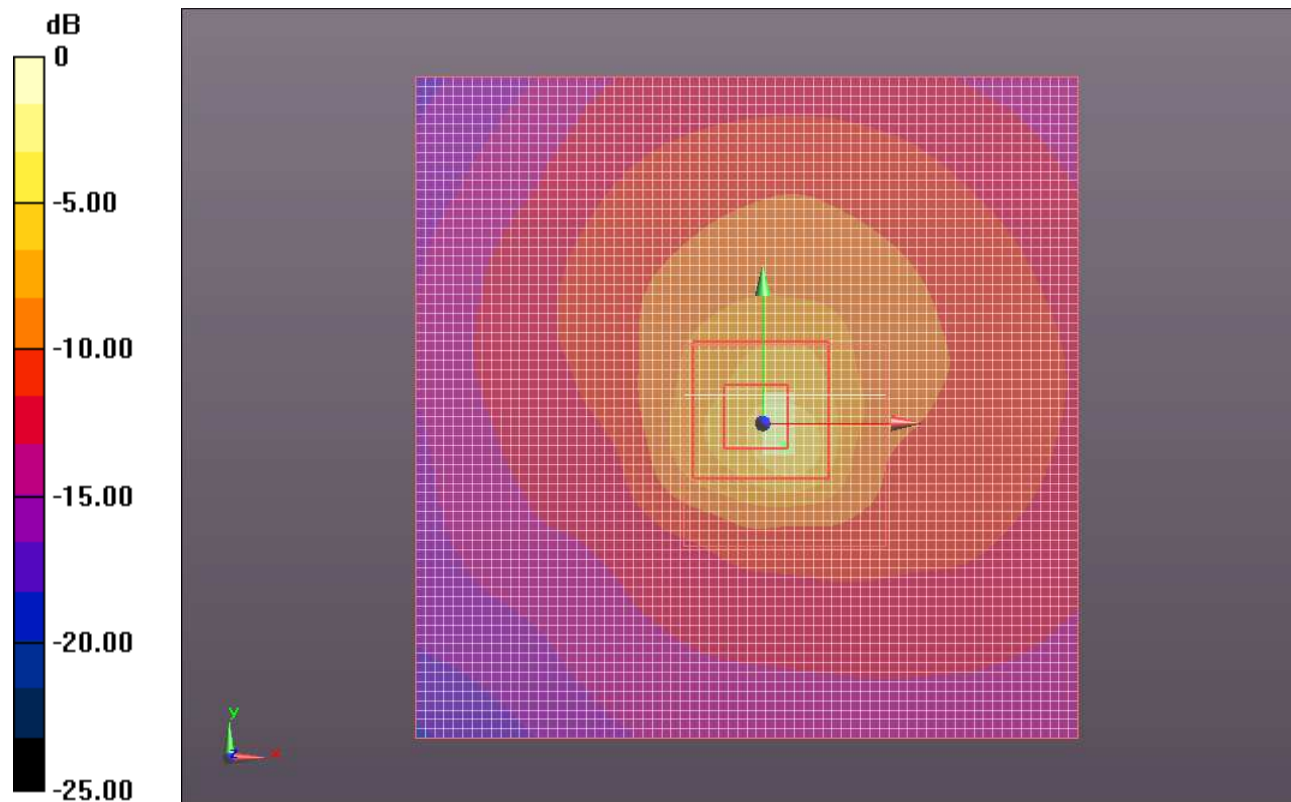
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.960 V/m; Power Drift = 0.22 dB

Peak SAR (extrapolated) = 0.538 W/kg

SAR(1 g) = 0.039 mW/g; SAR(10 g) = 0.0044 mW/g

Maximum value of SAR (measured) = 0.194 mW/g



0 dB = 0.190mW/g

Test Laboratory: UL CCS SAR Lab B

3_Horizontal Ant_UP

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.937$ mho/m; $\epsilon_r = 56.663$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3773; ConvF(8.74, 8.74, 8.74); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

LTE Band 17 5MHz/QPSK__RBS#1_RBO#0_Main_Ant_M-CH_20MM/Area Scan

(71x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.090 mW/g

LTE Band 17 5MHz/QPSK__RBS#1_RBO#0_Main_Ant_M-CH_20MM/Zoom Scan

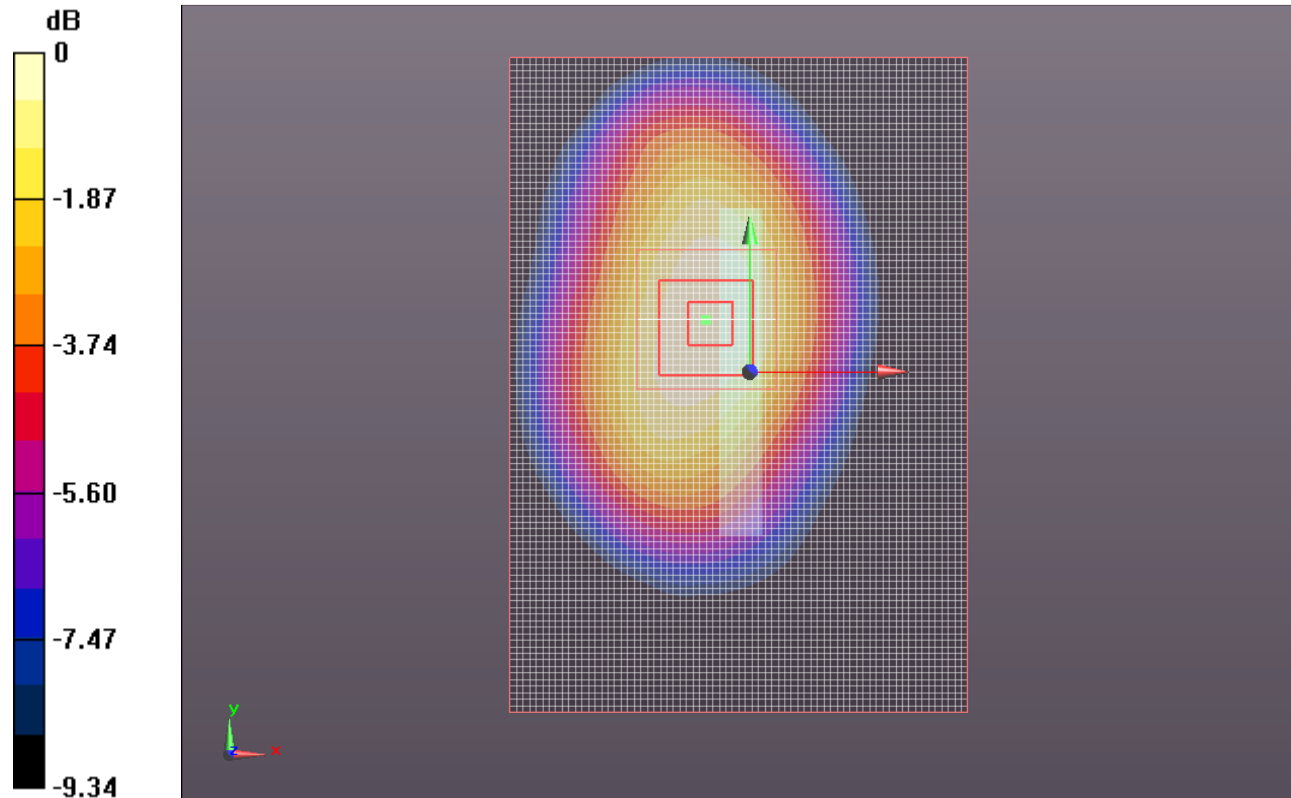
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.021 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.113 W/kg

SAR(1 g) = 0.080 mW/g; SAR(10 g) = 0.057 mW/g

Maximum value of SAR (measured) = 0.095 mW/g



0 dB = 0.090mW/g

Test Laboratory: UL CCS SAR Lab B

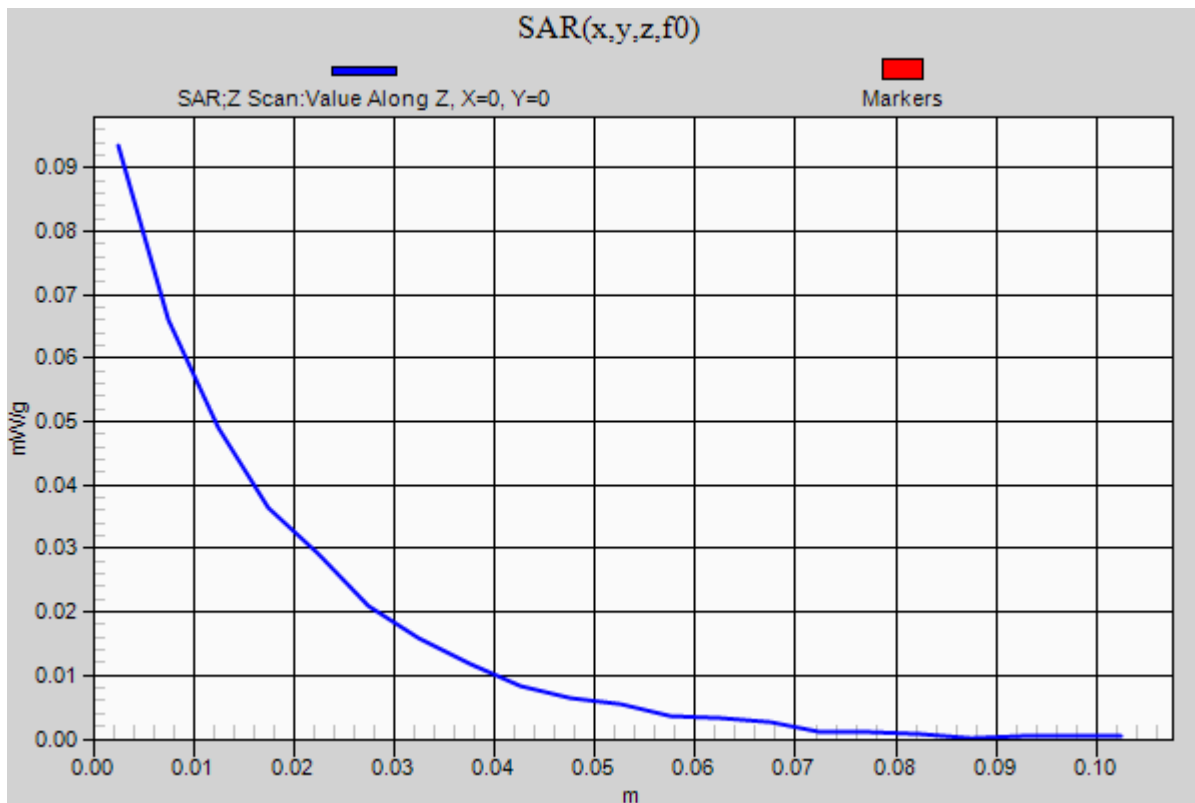
3_Horizontal Ant_UP

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

LTE Band 17 5MHz/QPSK__RBS#1_RBO#0_Main_Ant_M-CH_20MM/Z Scan (1x1x21):

Measurement grid: dx=20mm, dy=20mm, dz=5mm

Maximum value of SAR (measured) = 0.094 mW/g



Test Laboratory: UL CCS SAR Lab B

4_Horizontal Ant_DOWN

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 710$ MHz; $\sigma = 0.937$ mho/m; $\epsilon_r = 56.663$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3773; ConvF(8.74, 8.74, 8.74); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

LTE Band 17 5MHz/QPSK__RBS#1_RBO#0_Main_Ant_M-CH_20MM/Area Scan

(71x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.084 mW/g

LTE Band 17 5MHz/QPSK__RBS#1_RBO#0_Main_Ant_M-CH_20MM/Zoom Scan

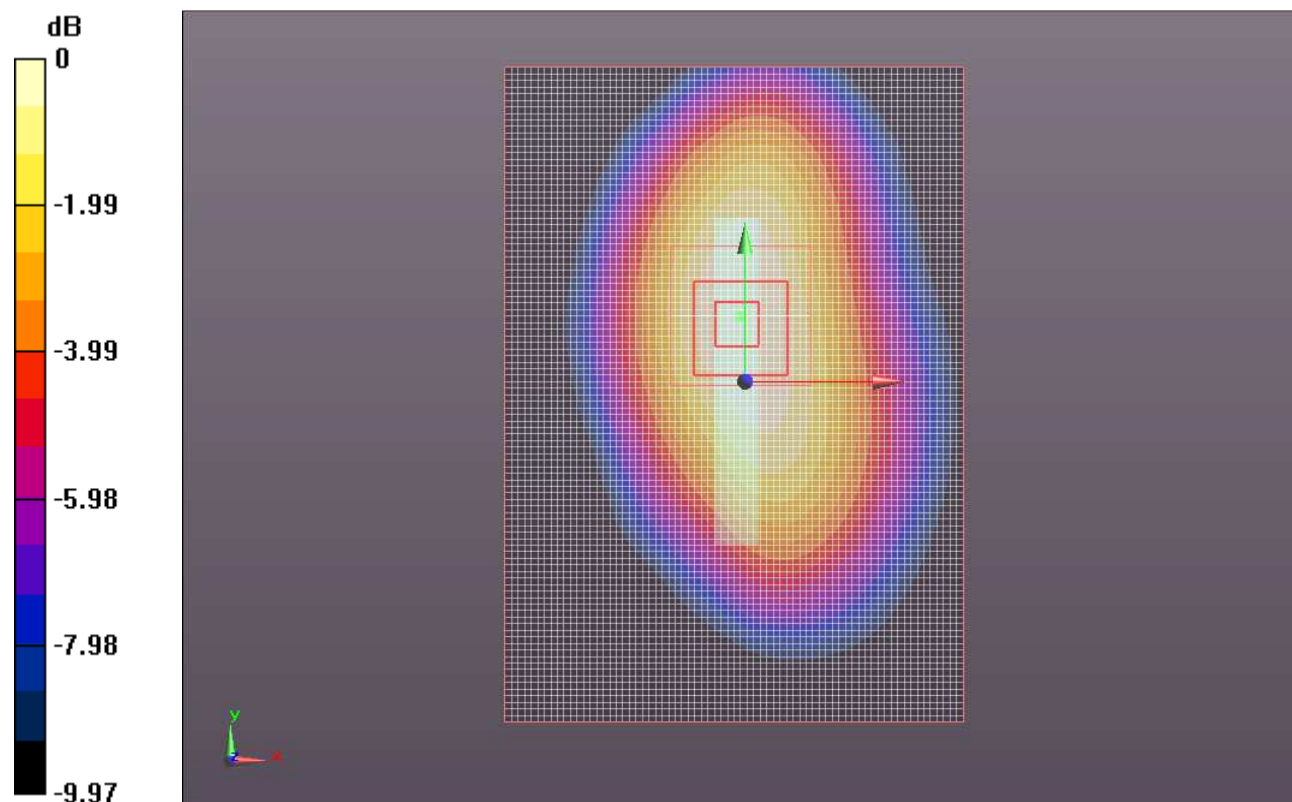
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.253 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 0.101 W/kg

SAR(1 g) = 0.070 mW/g; SAR(10 g) = 0.049 mW/g

Maximum value of SAR (measured) = 0.084 mW/g



Test Laboratory: UL CCS SAR Lab B

5_Horizontal Ant_Front

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.937$ mho/m; $\epsilon_r = 56.663$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3773; ConvF(8.74, 8.74, 8.74); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118
- Measurement SW: DASY52, Version 52.6 (2); SEMCAD X Version 14.4.5 (3634)

LTE Band 17 5MHz/QPSK__RBS#1_RBO#0_Main_Ant_M-CH_20MM/Area Scan

(71x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.050 mW/g

LTE Band 17 5MHz/QPSK__RBS#1_RBO#0_Main_Ant_M-CH_20MM/Zoom Scan

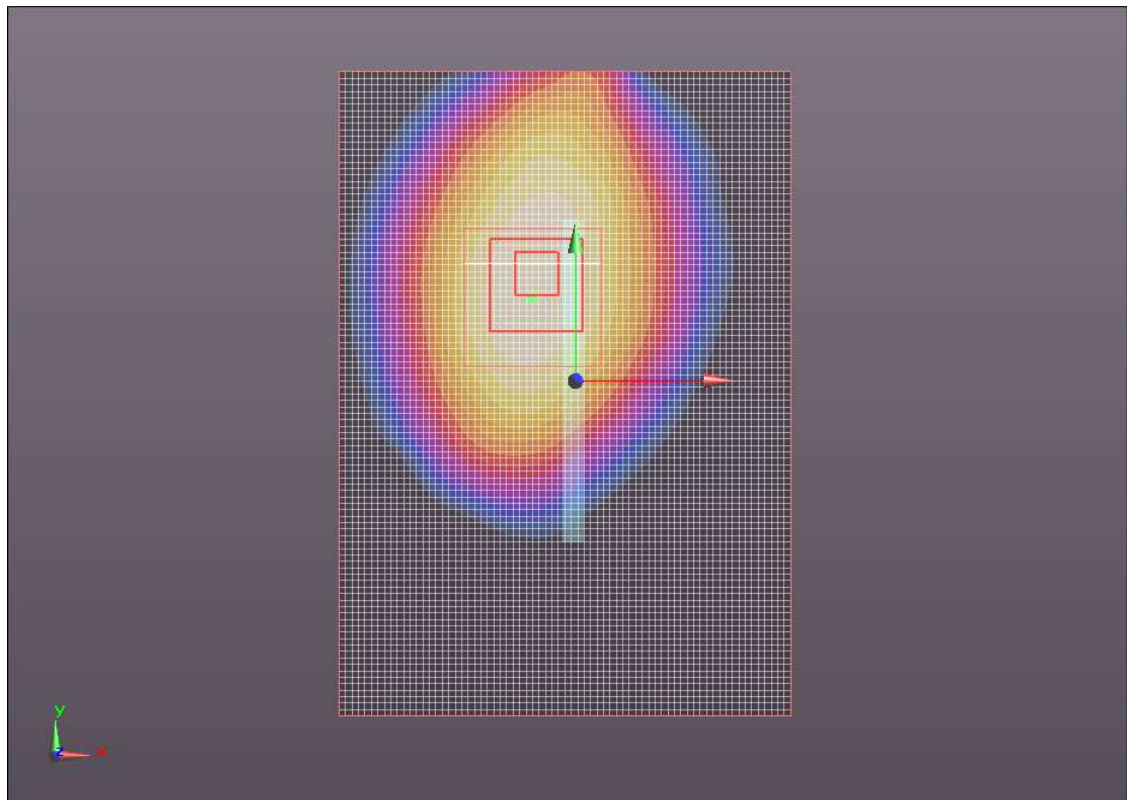
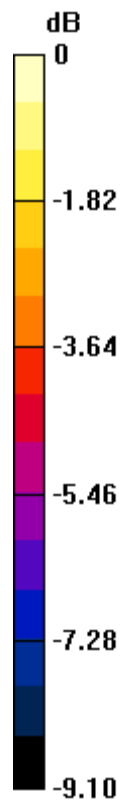
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.455 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.061 W/kg

SAR(1 g) = 0.044 mW/g; SAR(10 g) = 0.031 mW/g

Maximum value of SAR (measured) = 0.051 mW/g



0 dB = 0.050mW/g

Test Laboratory: UL CCS SAR Lab B

6_Horizontal Ant_Back

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 710$ MHz; $\sigma = 0.937$ mho/m; $\epsilon_r = 56.663$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

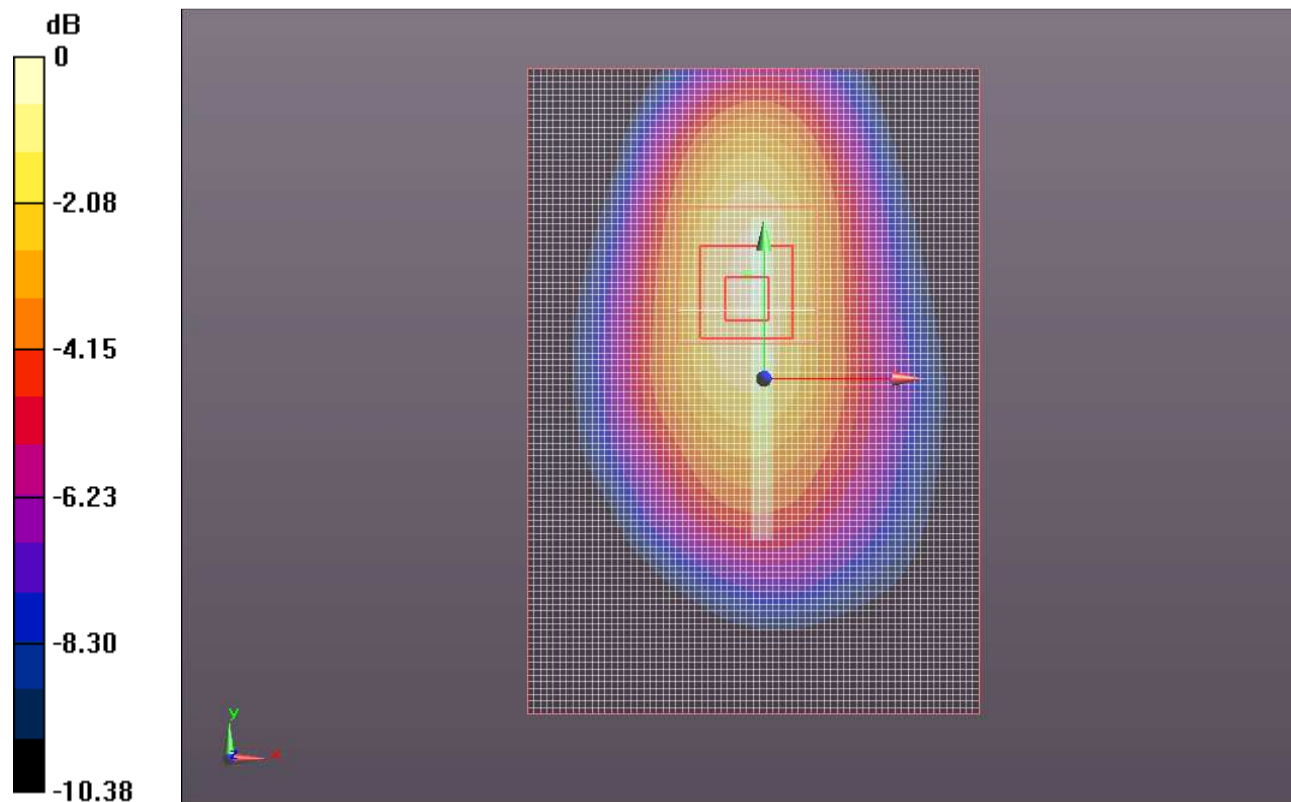
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3773; ConvF(8.74, 8.74, 8.74); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

LTE Band 17 5MHz/QPSK__RBS#1_RBO#0_Main_Ant_M-CH_20MM/Area Scan (71x101x1):

Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.053 mW/g

LTE Band 17 5MHz/QPSK__RBS#1_RBO#0_Main_Ant_M-CH_20MM/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
 Reference Value = 7.218 V/m; Power Drift = -0.02 dB
 Peak SAR (extrapolated) = 0.066 W/kg
SAR(1 g) = 0.047 mW/g; SAR(10 g) = 0.033 mW/g
 Maximum value of SAR (measured) = 0.056 mW/g



0 dB = 0.060mW/g

Test Laboratory: UL CCS SAR Lab B

1_Horizontal Ant_UP

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 710$ MHz; $\sigma = 0.937$ mho/m; $\epsilon_r = 56.663$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3773; ConvF(8.74, 8.74, 8.74); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

LTE Band 17 5MHz/QPSK__RBS#1_RBO#0_Main_Ant_M-CH_20MM/Area Scan

(71x101x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.103 mW/g

LTE Band 17 5MHz/QPSK__RBS#1_RBO#0_Main_Ant_M-CH_20MM/Zoom Scan

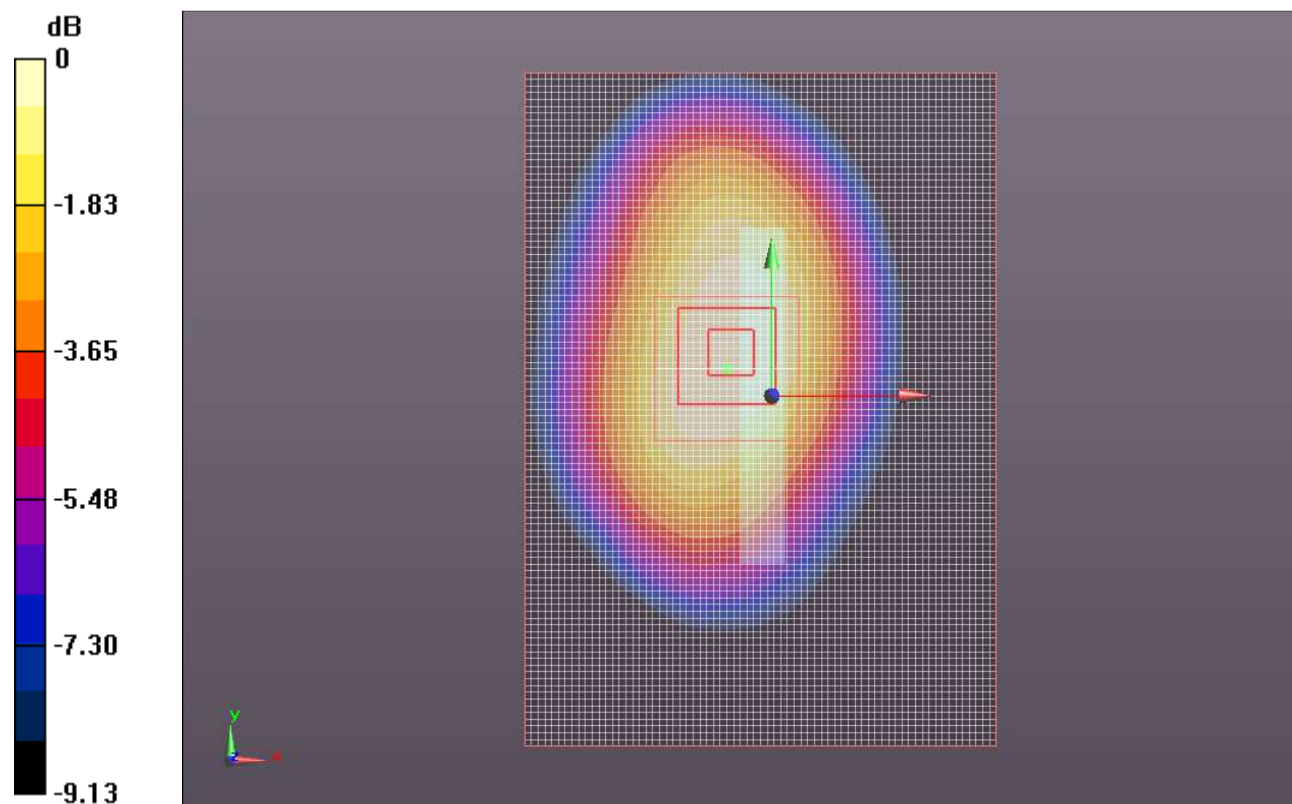
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.656 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.121 W/kg

SAR(1 g) = 0.089 mW/g; SAR(10 g) = 0.064 mW/g

Maximum value of SAR (measured) = 0.103 mW/g



0 dB = 0.100mW/g

Test Laboratory: UL CCS SAR Lab B

1_Horizontal Ant_UP

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 710$ MHz; $\sigma = 0.937$ mho/m; $\epsilon_r = 56.663$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3773; ConvF(8.74, 8.74, 8.74); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

LTE Band 17 5MHz/QPSK__RBS#1_RBO#24_Main_Ant_M-CH_20MM/Area Scan (71x101x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.096 mW/g

LTE Band 17 5MHz/QPSK__RBS#1_RBO#24_Main_Ant_M-CH_20MM/Zoom Scan (5x5x7)/Cube 0:

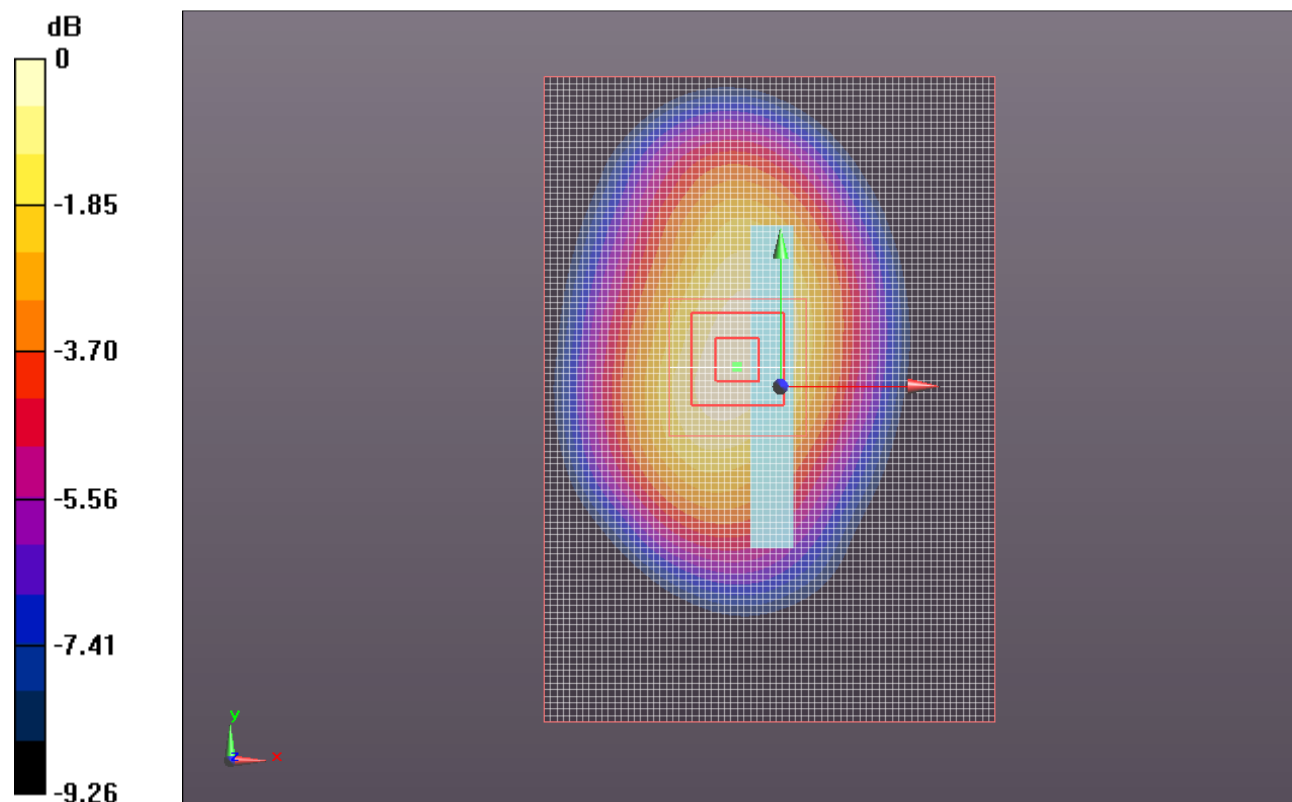
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.144 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.112 W/kg

SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.059 mW/g

Maximum value of SAR (measured) = 0.096 mW/g



0 dB = 0.100mW/g

Test Laboratory: UL CCS SAR Lab B

1_Horizontal Ant_UP

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 710 \text{ MHz}$; $\sigma = 0.914 \text{ mho/m}$; $\epsilon_r = 55.195$; $\rho = 1000 \text{ kg/m}^3$
 Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3773; ConvF(8.74, 8.74, 8.74); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

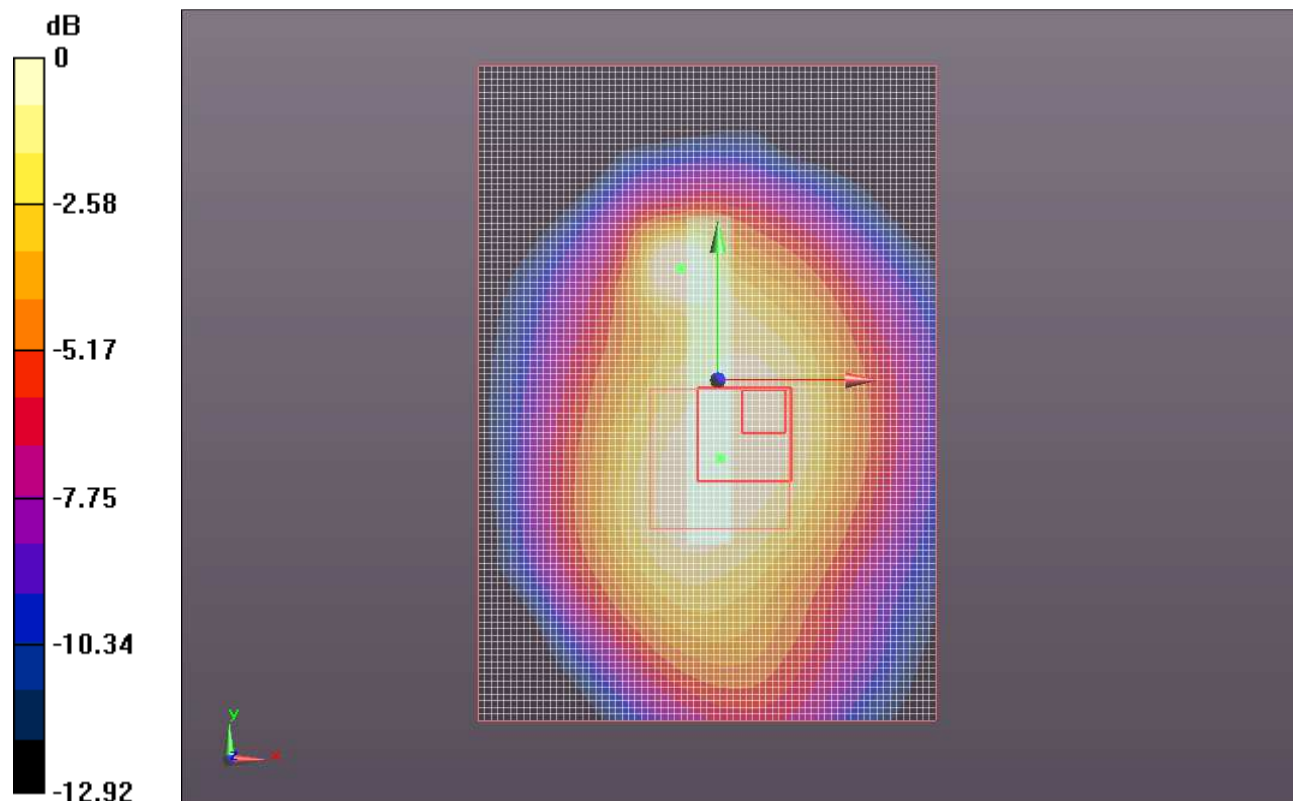
LTE Band 17 5 MHz/QPSK__RBS#12_RBO#6_Main_Ant_M-CH_20MM/Area Scan

(71x101x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.076 mW/g

LTE Band 17 5 MHz/QPSK__RBS#12_RBO#6_Main_Ant_M-CH_20MM/Zoom Scan

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

Reference Value = 4.264 V/m; Power Drift = 0.15 dB
 Peak SAR (extrapolated) = 0.073 W/kg
SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.029 mW/g
 Maximum value of SAR (measured) = 0.062 mW/g



0 dB = 0.060mW/g

Test Laboratory: UL CCS SAR Lab B

1_Horizontal Ant_UP

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.914$ mho/m; $\epsilon_r = 55.195$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3773; ConvF(8.74, 8.74, 8.74); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

LTE Band 17 5 MHz/QPSK__RBS#25_RBO#0_Main_Ant_M-CH_20MM/Area Scan

(71x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.059 mW/g

LTE Band 17 5 MHz/QPSK__RBS#25_RBO#0_Main_Ant_M-CH_20MM/Zoom Scan

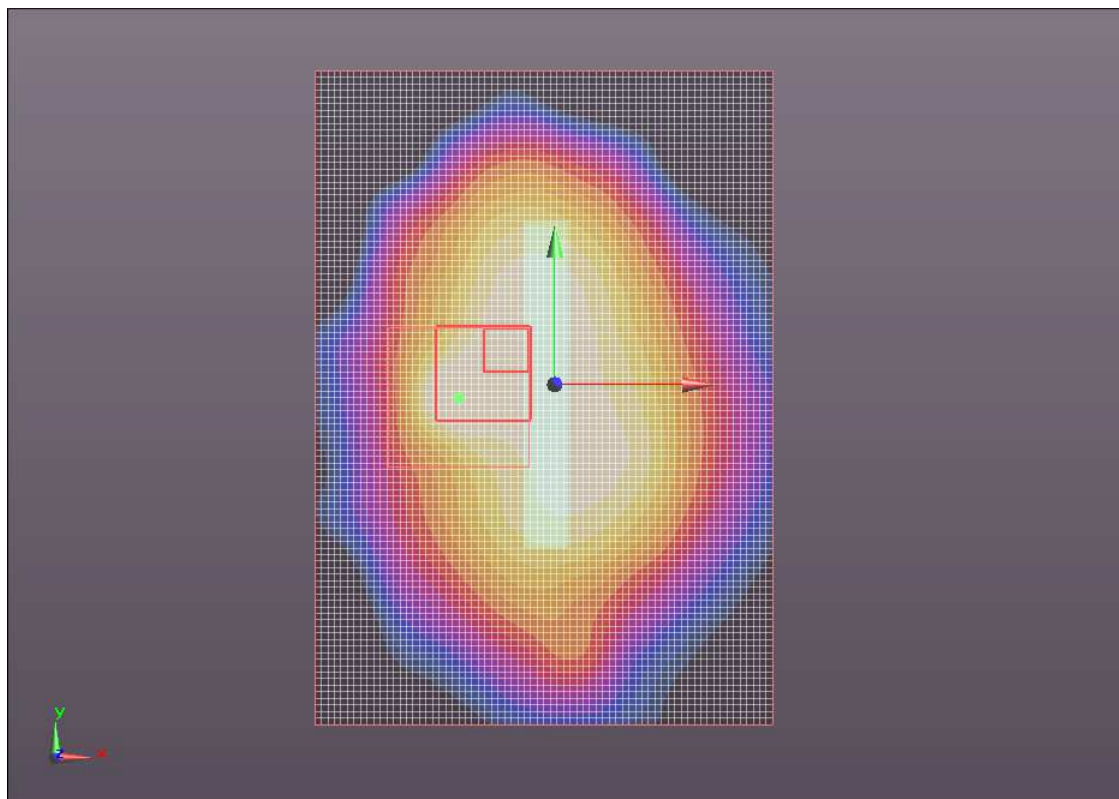
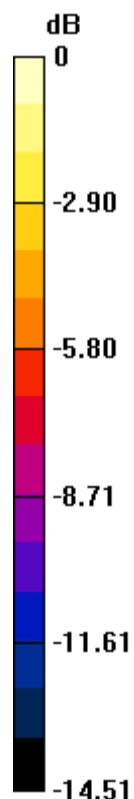
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.717 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.053 W/kg

SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.020 mW/g

Maximum value of SAR (measured) = 0.044 mW/g



0 dB = 0.040mW/g

Test Laboratory: UL CCS SAR Lab B

1_Horizontal Ant_UP

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.937$ mho/m; $\epsilon_r = 56.663$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3773; ConvF(8.74, 8.74, 8.74); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

LTE Band 17 5MHz/16QAM__RBS#1_RBO#0_Main_Ant_M-CH_20MM/Area Scan

(71x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.085 mW/g

LTE Band 17 5MHz/16QAM__RBS#1_RBO#0_Main_Ant_M-CH_20MM/Zoom Scan

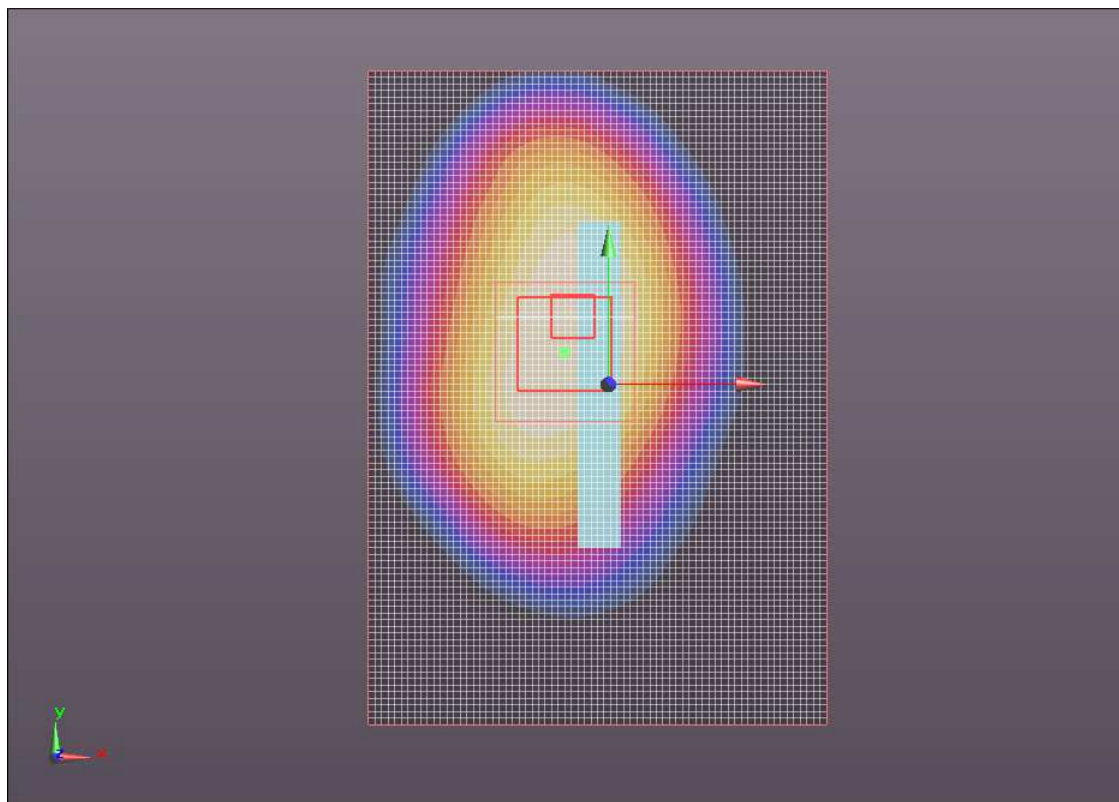
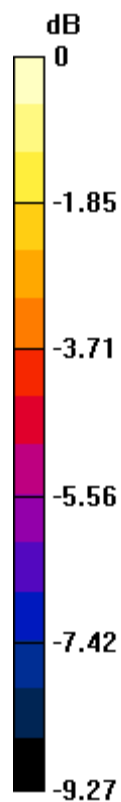
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.487 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.100 W/kg

SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.051 mW/g

Maximum value of SAR (measured) = 0.084 mW/g



0 dB = 0.080mW/g

Test Laboratory: UL CCS SAR Lab B

1_Horizontal Ant_UP

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 710$ MHz; $\sigma = 0.937$ mho/m; $\epsilon_r = 56.663$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3773; ConvF(8.74, 8.74, 8.74); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

LTE Band 17 5MHz/16QAM__RBS#1_RBO#24_Main_Ant_M-CH_20MM/Area Scan (71x101x1):

Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.084 mW/g

LTE Band 17 5MHz/16QAM__RBS#1_RBO#24_Main_Ant_M-CH_20MM/Zoom Scan (5x5x7)/Cube 0:

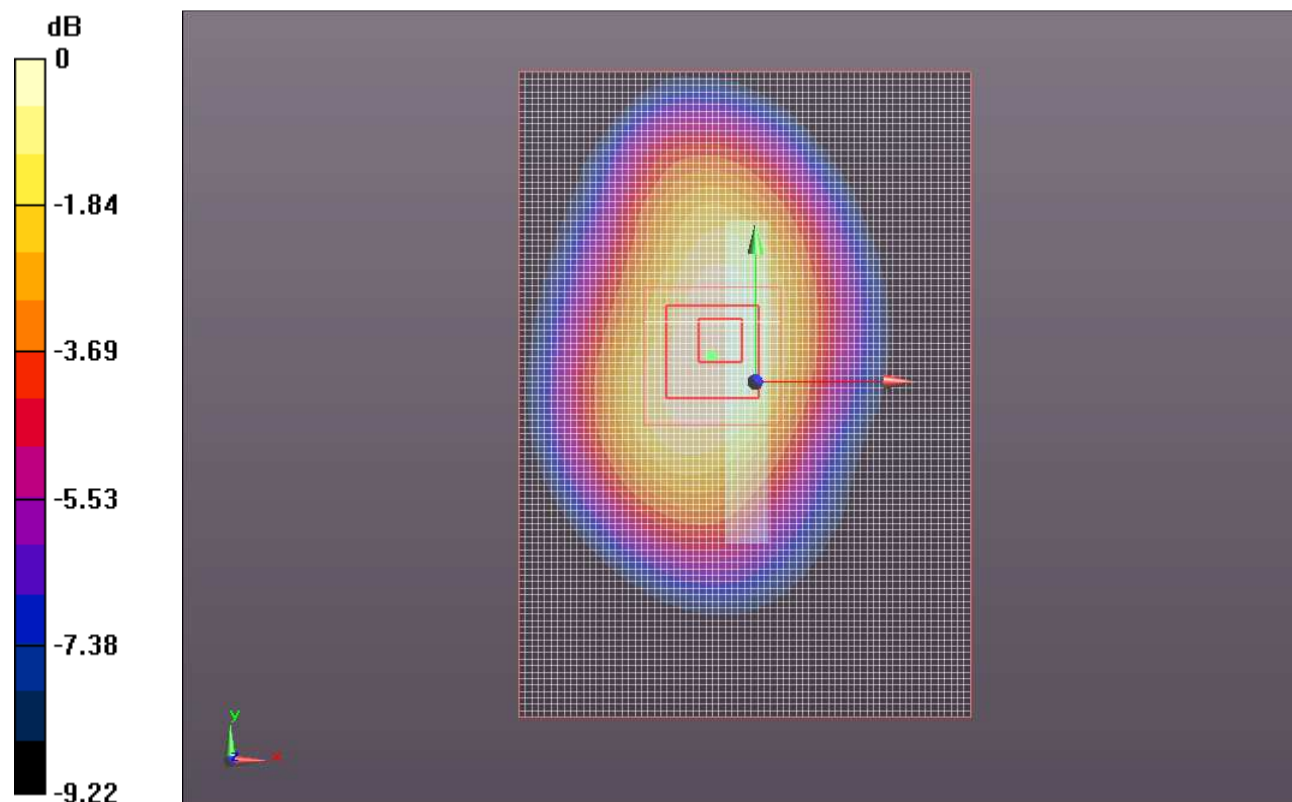
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.327 V/m; Power Drift = 0.0024 dB

Peak SAR (extrapolated) = 0.091 W/kg

SAR(1 g) = 0.068 mW/g; SAR(10 g) = 0.049 mW/g

Maximum value of SAR (measured) = 0.078 mW/g



0 dB = 0.080mW/g

Test Laboratory: UL CCS SAR Lab B

1_Horizontal Ant_UP

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.914$ mho/m; $\epsilon_r = 55.195$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3773; ConvF(8.74, 8.74, 8.74); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

LTE Band 17 5 MHz/16QAM__RBS#12_RBO#6_Main_Ant_M-CH_20MM/Area Scan

(71x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.034 mW/g

LTE Band 17 5 MHz/16QAM__RBS#12_RBO#6_Main_Ant_M-CH_20MM/Zoom Scan

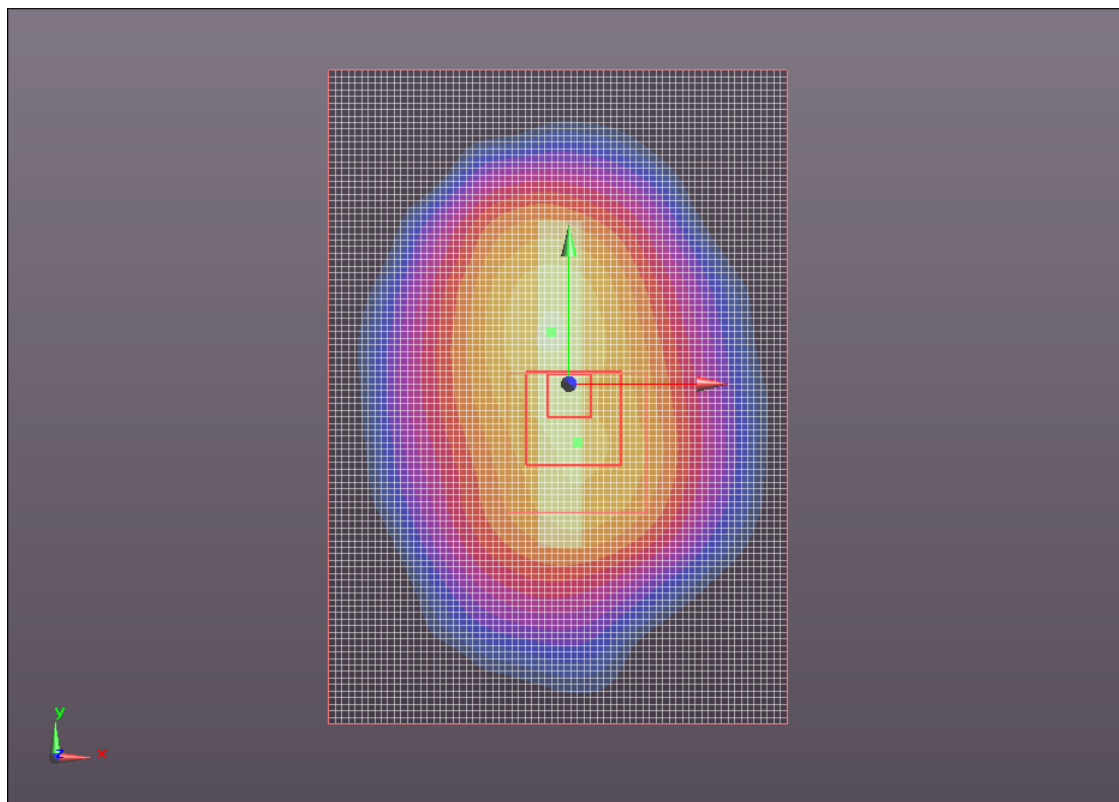
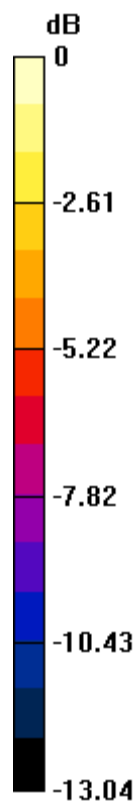
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.044 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 0.048 W/kg

SAR(1 g) = 0.028 mW/g; SAR(10 g) = 0.019 mW/g

Maximum value of SAR (measured) = 0.048 mW/g



0 dB = 0.050mW/g

Test Laboratory: UL CCS SAR Lab B

1_Horizontal Ant_UP

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 710$ MHz; $\sigma = 0.914$ mho/m; $\epsilon_r = 55.195$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

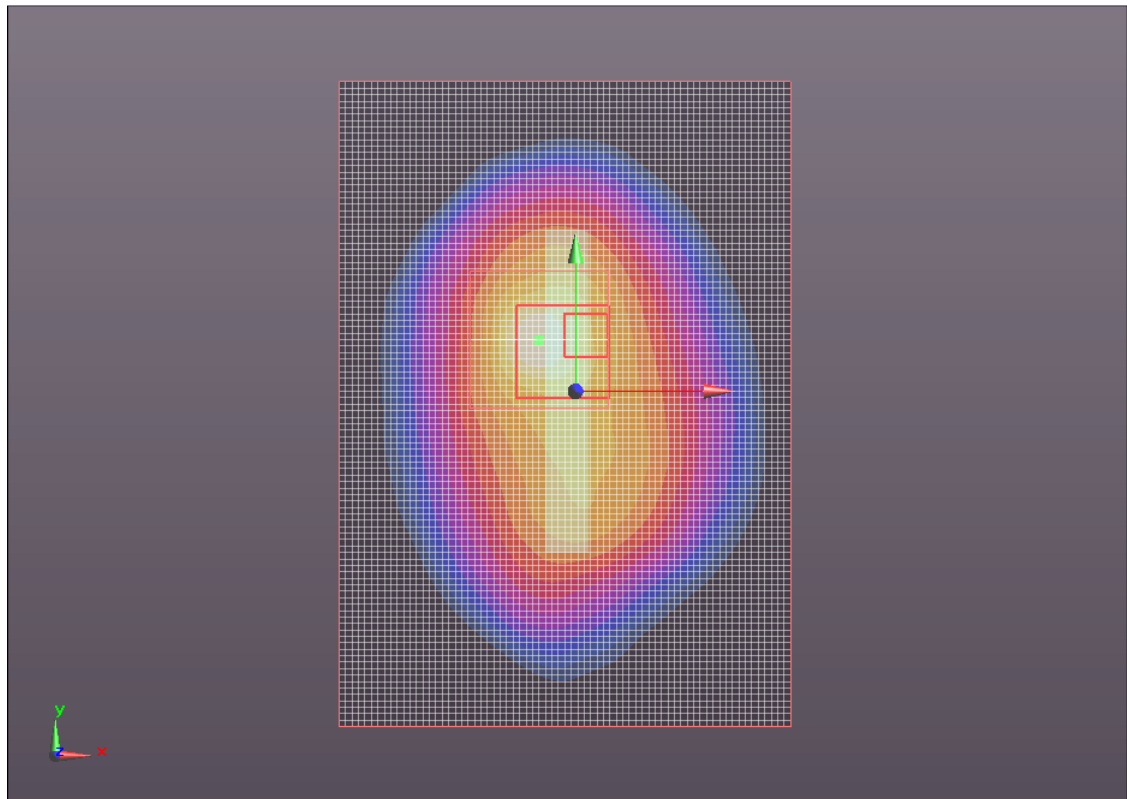
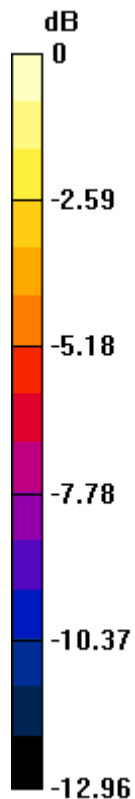
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3773; ConvF(8.74, 8.74, 8.74); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

LTE Band 17 5 MHz/16QAM__RBS#25_RBO#0_Main_Ant_M-CH_20MM/Area Scan (71x101x1):

Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.074 mW/g

LTE Band 17 5 MHz/16QAM__RBS#25_RBO#0_Main_Ant_M-CH_20MM/Zoom Scan (5x5x7)/Cube 0:

Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.789 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 0.086 W/kg
SAR(1 g) = 0.045 mW/g; SAR(10 g) = 0.030 mW/g
Maximum value of SAR (measured) = 0.070 mW/g



0 dB = 0.070mW/g

Test Laboratory: UL CCS SAR Lab B

1_Horizontal Ant_UP

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.937$ mho/m; $\epsilon_r = 56.663$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3773; ConvF(8.74, 8.74, 8.74); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

LTE Band 17 10MHz/QPSK__RBS#1_RBO#0_Main_Ant_M-CH_20MM 2/Area Scan

(71x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.096 mW/g

LTE Band 17 10MHz/QPSK__RBS#1_RBO#0_Main_Ant_M-CH_20MM 2/Zoom Scan

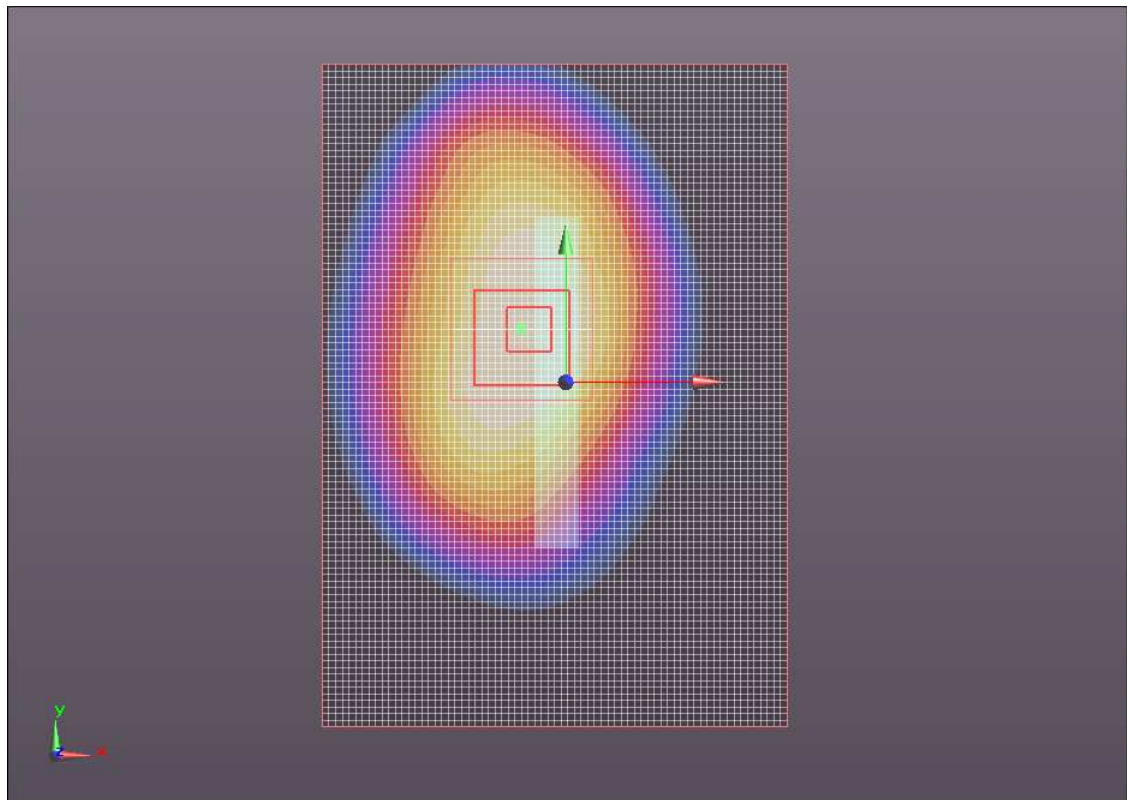
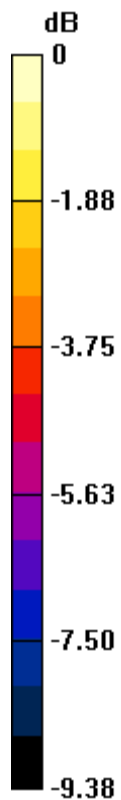
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 10.024 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.109 W/kg

SAR(1 g) = 0.080 mW/g; SAR(10 g) = 0.056 mW/g

Maximum value of SAR (measured) = 0.094 mW/g



0 dB = 0.090mW/g

Test Laboratory: UL CCS SAR Lab B

1_Horizontal Ant_UP

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 710$ MHz; $\sigma = 0.937$ mho/m; $\epsilon_r = 56.663$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3773; ConvF(8.74, 8.74, 8.74); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

LTE Band 17 10MHz/QPSK__RBS#1_RBO#49_Main_Ant_M-CH_20MM/Area Scan

(71x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.083 mW/g

LTE Band 17 10MHz/QPSK__RBS#1_RBO#49_Main_Ant_M-CH_20MM/Zoom Scan

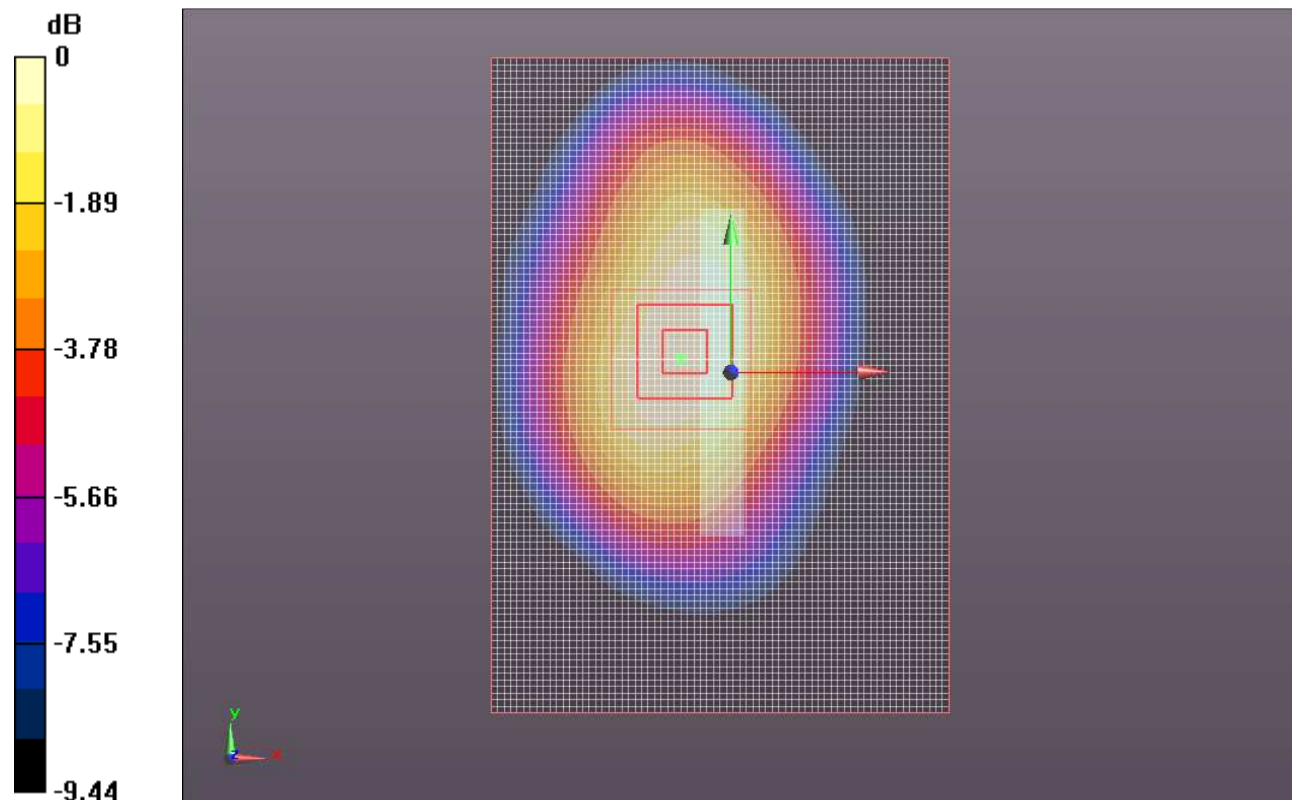
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.427 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.097 W/kg

SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.051 mW/g

Maximum value of SAR (measured) = 0.084 mW/g



0 dB = 0.080mW/g

Test Laboratory: UL CCS SAR Lab B

1_Horizontal Ant_UP

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 710$ MHz; $\sigma = 0.937$ mho/m; $\epsilon_r = 56.663$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3773; ConvF(8.74, 8.74, 8.74); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

LTE Band 17 10MHz/16QAM__RBS#1_RBO#0_Main_Ant_M-CH_20MM/Area Scan

(71x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.083 mW/g

LTE Band 17 10MHz/16QAM__RBS#1_RBO#0_Main_Ant_M-CH_20MM/Zoom Scan

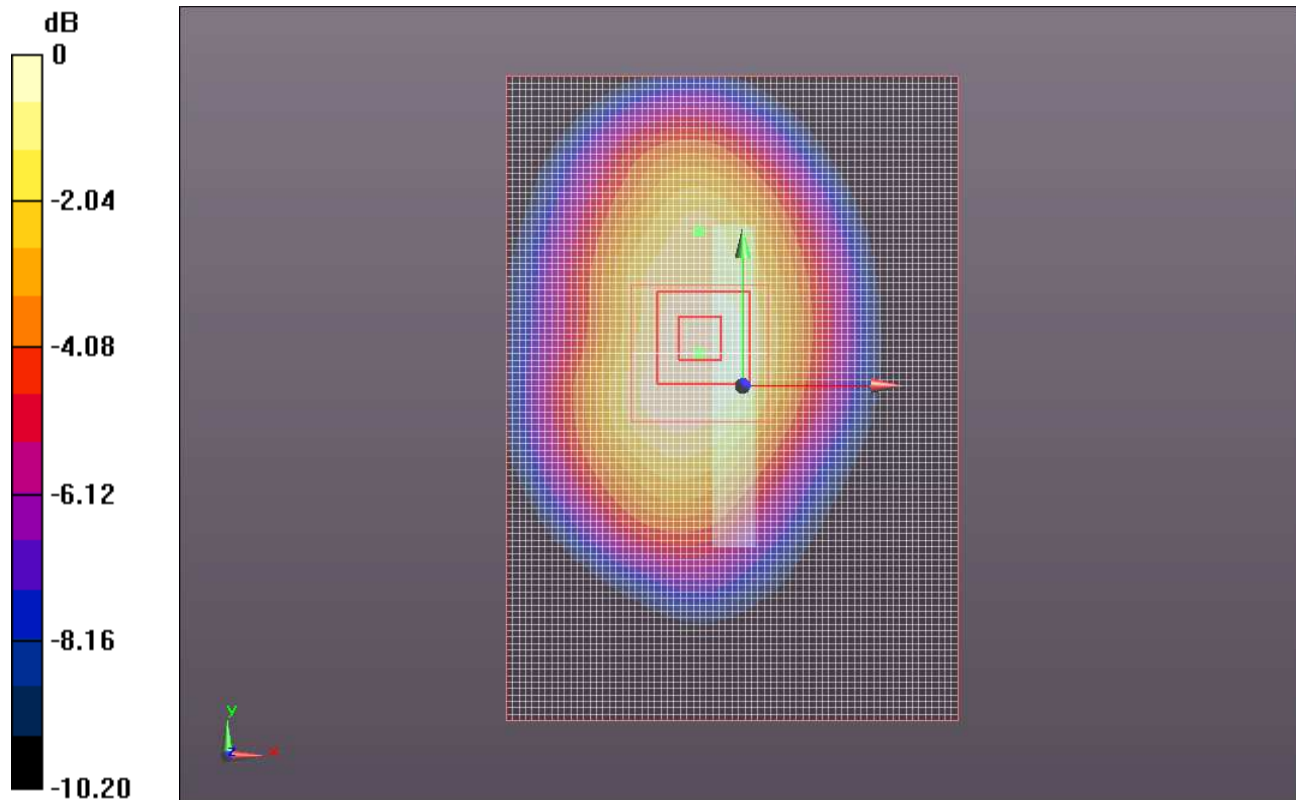
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.627 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 0.100 W/kg

SAR(1 g) = 0.074 mW/g; SAR(10 g) = 0.052 mW/g

Maximum value of SAR (measured) = 0.085 mW/g



0 dB = 0.080mW/g

Test Laboratory: UL CCS SAR Lab B

1_Horizontal Ant_UP

Communication System: LTE; Frequency: 710 MHz; Duty Cycle: 1:1
 Medium parameters used: $f = 710$ MHz; $\sigma = 0.937$ mho/m; $\epsilon_r = 56.663$; $\rho = 1000$ kg/m³
 Phantom section: Flat Section

Room Ambient Temperature: 24.0 deg. C; Liquid Temperature: 23.0 deg. C

DASY5 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV4 - SN3773; ConvF(8.74, 8.74, 8.74); Calibrated: 5/3/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1258; Calibrated: 5/2/2011
- Phantom: ELI v5.0 (B); Type: QDOVA001BB; Serial: 1118
- Measurement SW: DASY52, Version 52.6 (2);SEMCAD X Version 14.4.5 (3634)

LTE Band 17 10MHz/16QAM__RBS#1_RBO#49_Main_Ant_M-CH_20MM/Area Scan

(71x101x1): Measurement grid: dx=15mm, dy=15mm
 Maximum value of SAR (interpolated) = 0.069 mW/g

LTE Band 17 10MHz/16QAM__RBS#1_RBO#49_Main_Ant_M-CH_20MM/Zoom Scan

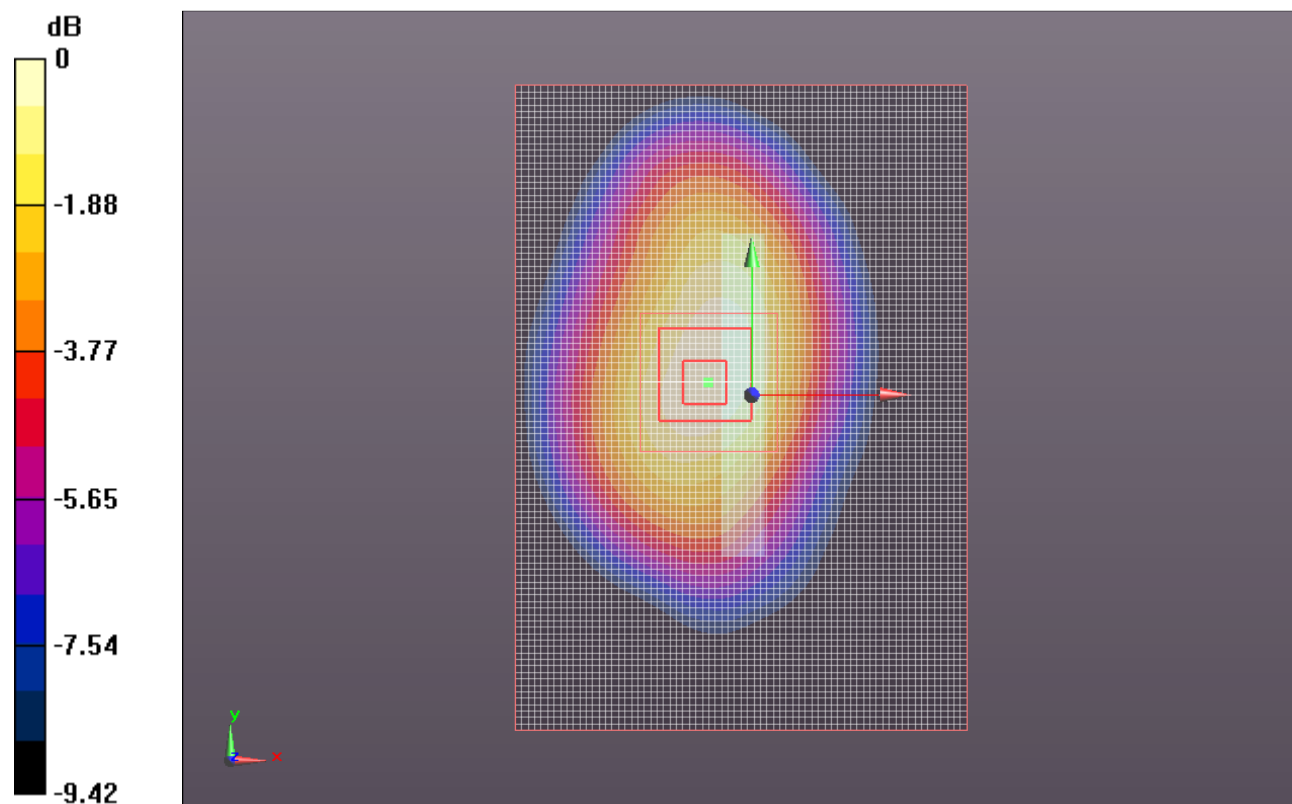
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.528 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.080 W/kg

SAR(1 g) = 0.059 mW/g; SAR(10 g) = 0.042 mW/g

Maximum value of SAR (measured) = 0.068 mW/g



0 dB = 0.070mW/g