**#01 GSM850_GPRS10_Rear Face_1cm_Ch189_Earphone**

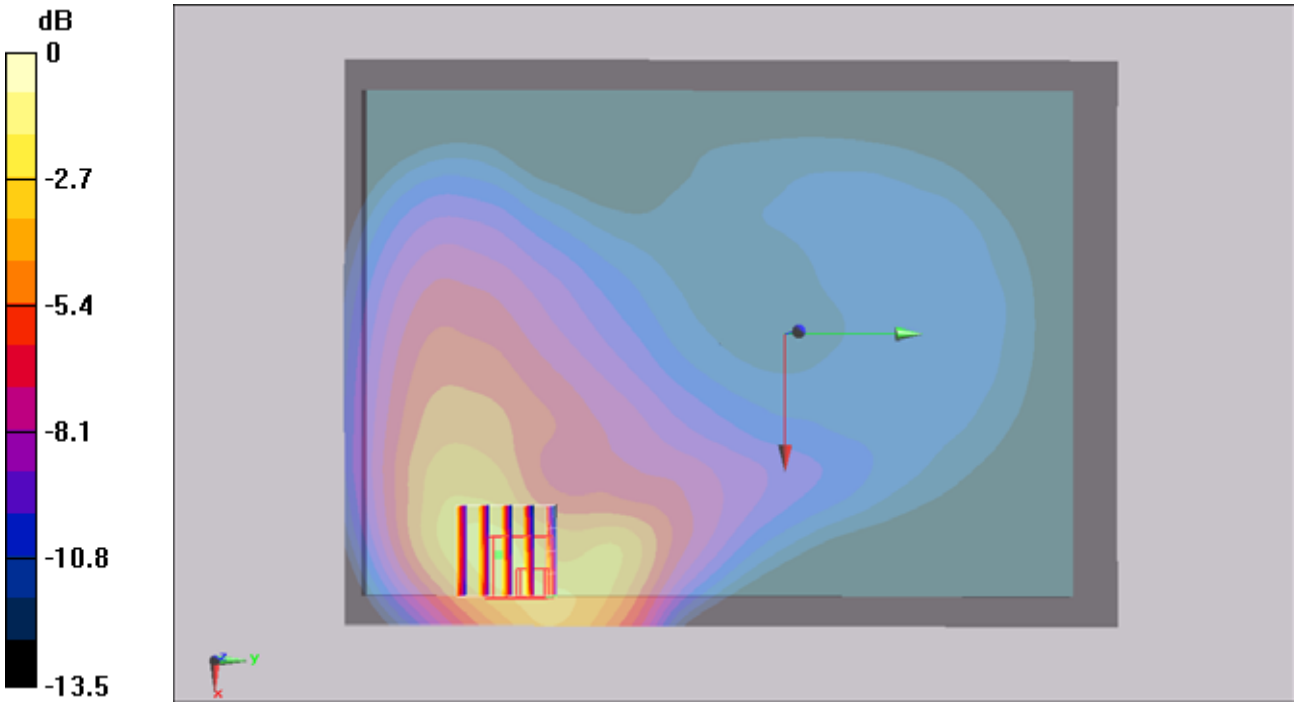
**DUT: 132945**

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:4
Medium: MSL_850_110611 Medium parameters used: f = 836.4 MHz; $\sigma$ = 0.954 mho/m; $\varepsilon_r$ = 56.3; $\rho$ = 1000 kg/$m^3$
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch189/Area Scan (101x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.416 mW/g

**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.1 V/m; Power Drift = 0.112 dB
Peak SAR (extrapolated) = 0.972 W/kg
**SAR(1 g) = 0.597 mW/g; SAR(10 g) = 0.355 mW/g**
Maximum value of SAR (measured) = 0.662 mW/g




0 dB = 0.662mW/g

**#02 GSM850_GPRS10_Secondary Landscape_1cm_Ch189_Earphone**

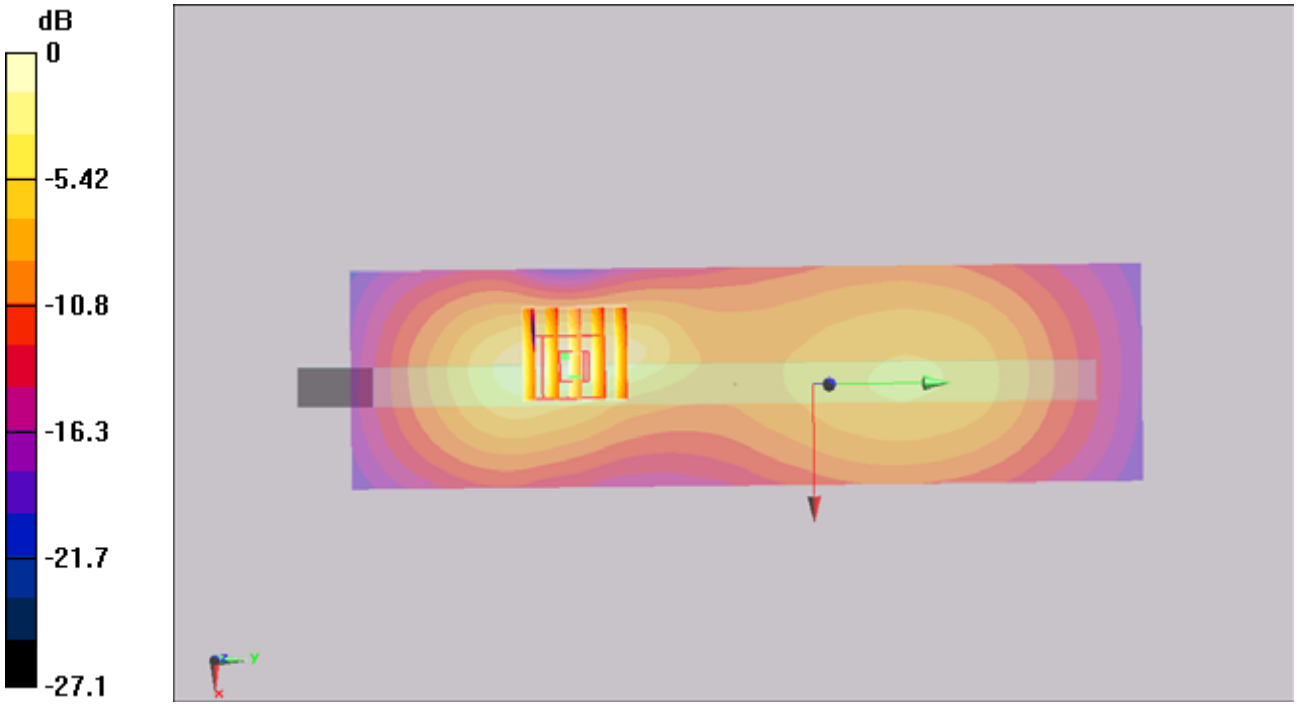
**DUT: 132945**

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:4
Medium: MSL_850_110611 Medium parameters used: f = 836.4 MHz; $\sigma$ = 0.954 mho/m; $\varepsilon_r$ = 56.3; $\rho$ = 1000 kg/$m^3$
Ambient Temperature：22.6 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch189/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.508 mW/g

**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.2 V/m; Power Drift = 0.108 dB
Peak SAR (extrapolated) = 1.01 W/kg
**SAR(1 g) = 0.600 mW/g; SAR(10 g) = 0.345 mW/g**
Maximum value of SAR (measured) = 0.625 mW/g




0 dB = 0.625mW/g

**#02 GSM850_GPRS10_Secondary Landscape_1cm_Ch189_Earphone_2D**

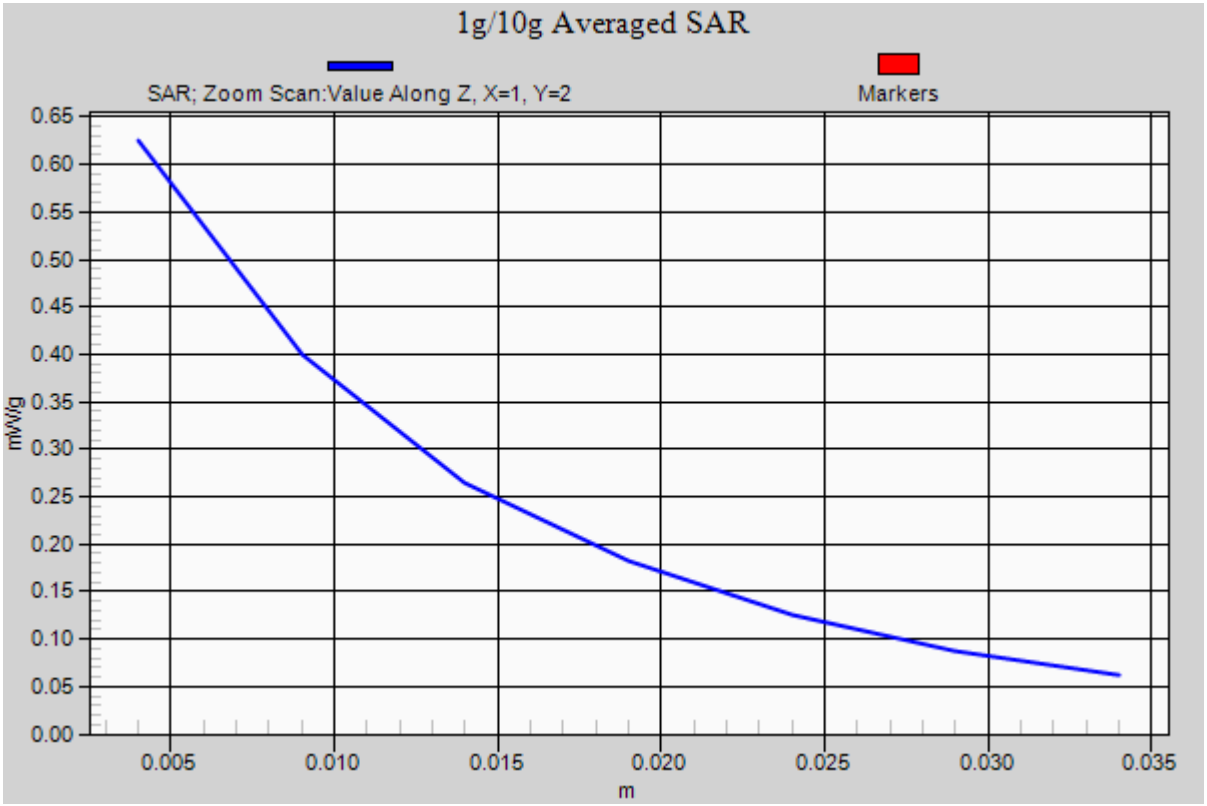
**DUT: 132945**

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:4
Medium: MSL_850_110611 Medium parameters used: f = 836.4 MHz; $\sigma$ = 0.954 mho/m; $\varepsilon_r$ = 56.3; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch189/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.508 mW/g

**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.2 V/m; Power Drift = 0.108 dB
Peak SAR (extrapolated) = 1.01 W/kg
**SAR(1 g) = 0.600 mW/g; SAR(10 g) = 0.345 mW/g**
Maximum value of SAR (measured) = 0.625 mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=1, Y=2
Markers
0.65
0.60
0.55
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
mW/g
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

**#03 GSM850_GPRS10_Secondary Portrait_0cm_Ch189_Earphone**

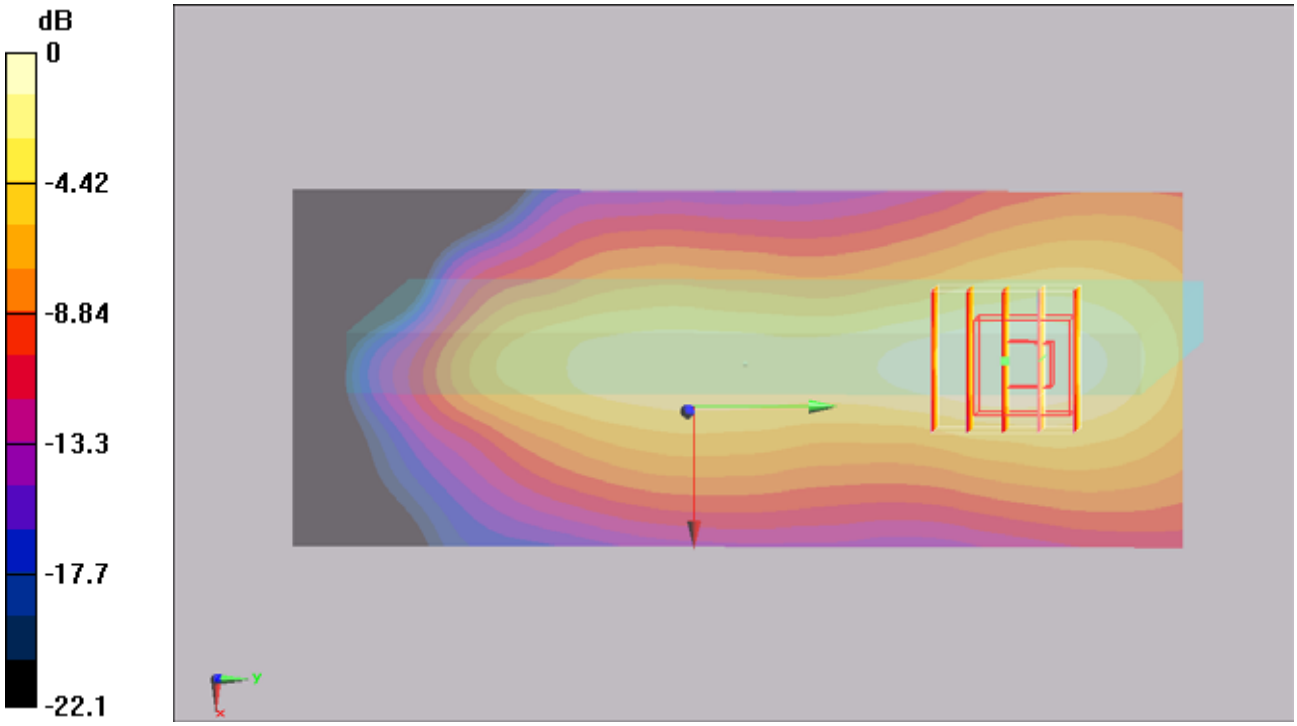
**DUT: 132945**

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:4
Medium: MSL_850_110606 Medium parameters used: f = 836.4 MHz; $\sigma$ = 0.98 mho/m; $\varepsilon_r$ = 52.6; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.6 ℃； Liquid Temperature：21.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch189/Area Scan (41x101x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.211 mW/g

**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.2 V/m; Power Drift = 0.091 dB
Peak SAR (extrapolated) = 0.333 W/kg
**SAR(1 g) = 0.177 mW/g; SAR(10 g) = 0.100 mW/g**
Maximum value of SAR (measured) = 0.195 mW/g




0 dB = 0.195mW/g

**#09 GSM1900_GPRS10_Rear Face_1cm_Ch661_Earphone**

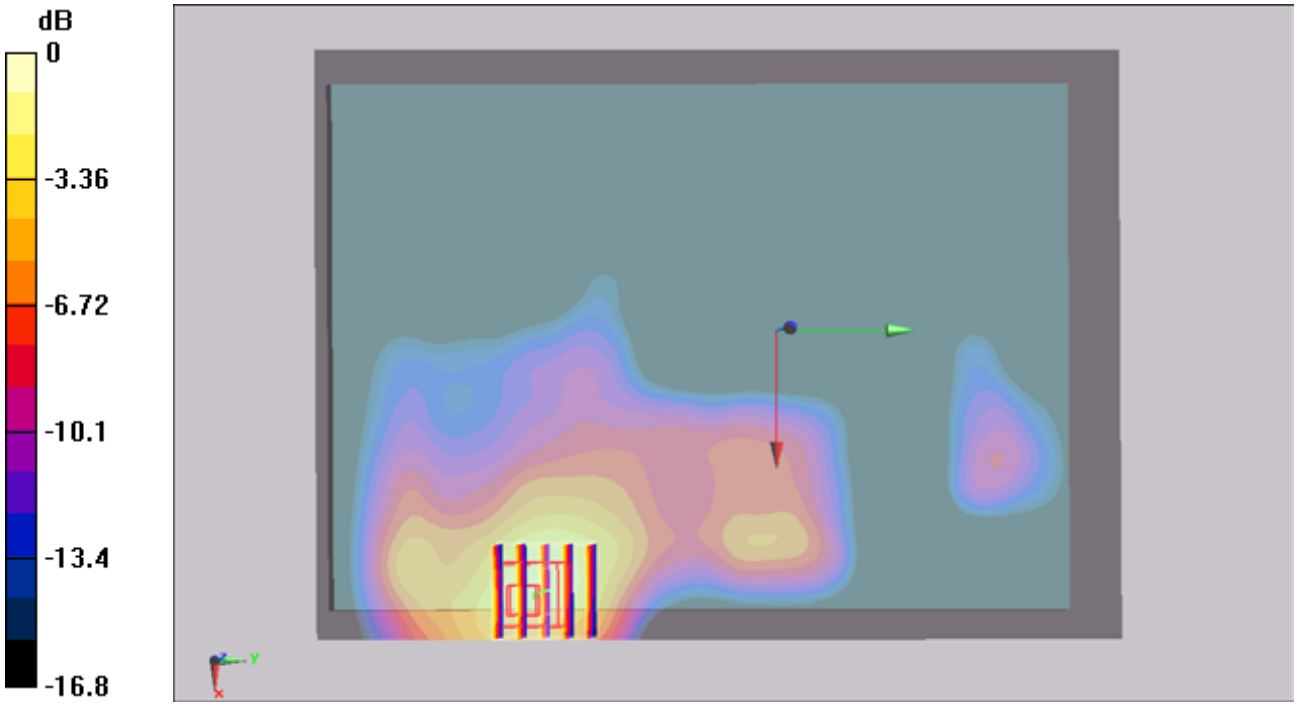
**DUT: 132945**

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110610 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.48 mho/m; $\varepsilon_r$ = 54.9; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch661/Area Scan (101x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.644 mW/g

**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.42 V/m; Power Drift = -0.025 dB
Peak SAR (extrapolated) = 1.33 W/kg
**SAR(1 g) = 0.786 mW/g; SAR(10 g) = 0.454 mW/g**
Maximum value of SAR (measured) = 0.824 mW/g




0 dB = 0.824mW/g

**#10 GSM1900_GPRS10_Secondary Landscape_1cm_Ch661**

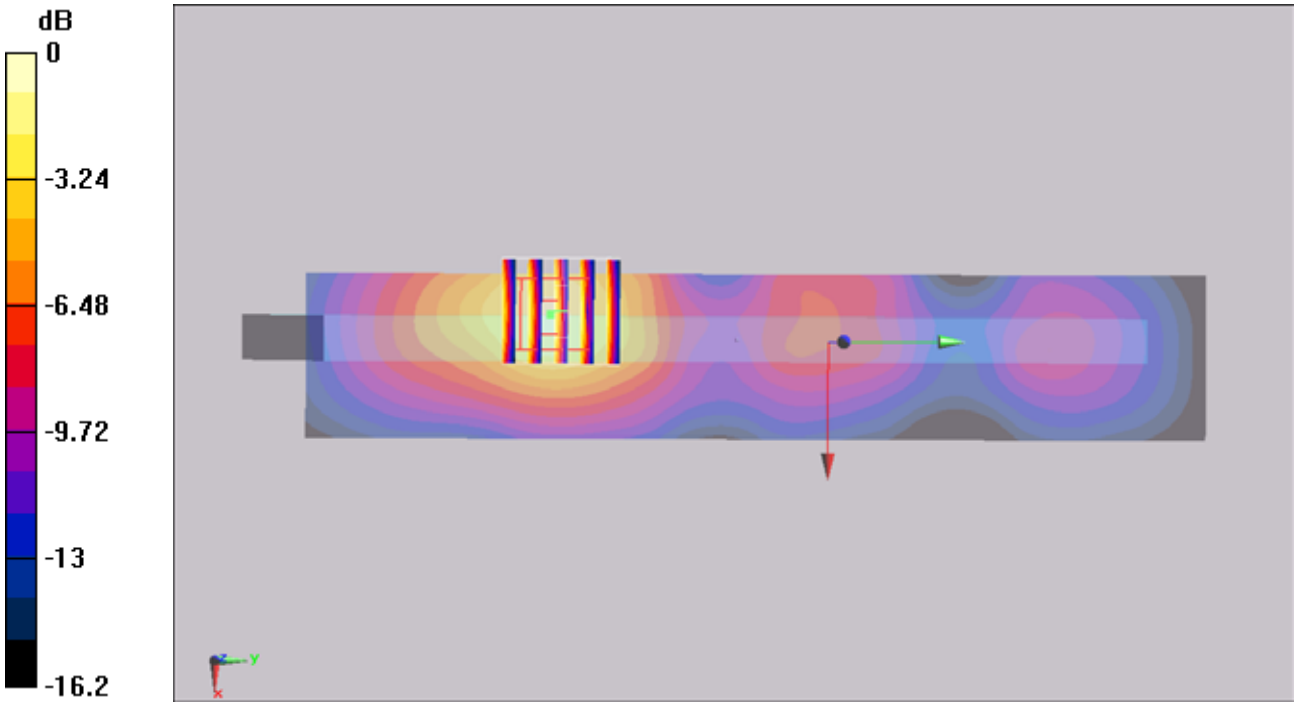
**DUT: 132945**

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110610 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.48 mho/m; $\varepsilon_r$ = 54.9; $\rho$ = 1000 kg/$m^3$
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch661/Area Scan (31x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.734 mW/g

**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.05 V/m; Power Drift = 0.127 dB
Peak SAR (extrapolated) = 1.34 W/kg
**SAR(1 g) = 0.805 mW/g; SAR(10 g) = 0.459 mW/g**
Maximum value of SAR (measured) = 0.877 mW/g




0 dB = 0.877mW/g

**#11 GSM1900_GPRS10_Secondary Portrait_0cm_Ch661**

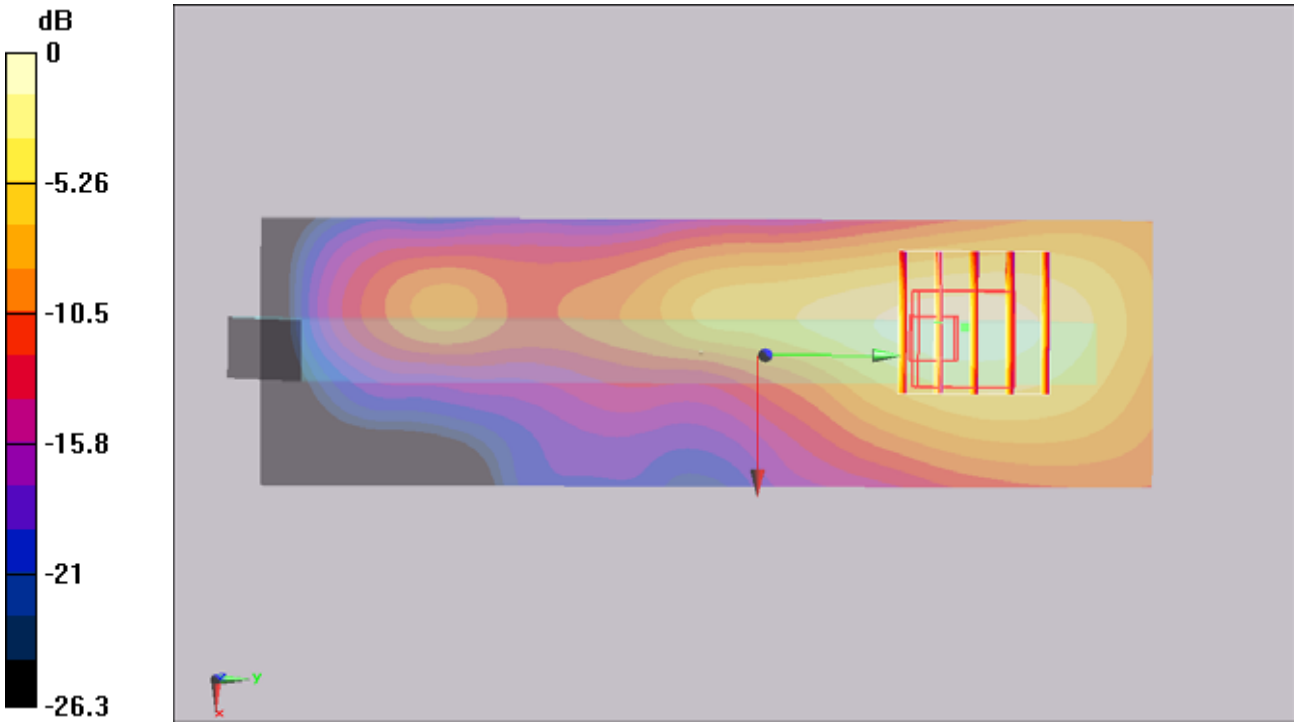
**DUT: 132945**

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110607 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.5 mho/m; $\varepsilon_r$ = 53.7; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.6 ℃； Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch661/Area Scan (31x101x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.299 mW/g

**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.76 V/m; Power Drift = 0.131 dB
Peak SAR (extrapolated) = 0.627 W/kg
**SAR(1 g) = 0.327 mW/g; SAR(10 g) = 0.174 mW/g**
Maximum value of SAR (measured) = 0.345 mW/g




0 dB = 0.345mW/g

**#17 GSM1900_GPRS10_Secondary Landscape_1cm_Ch512**

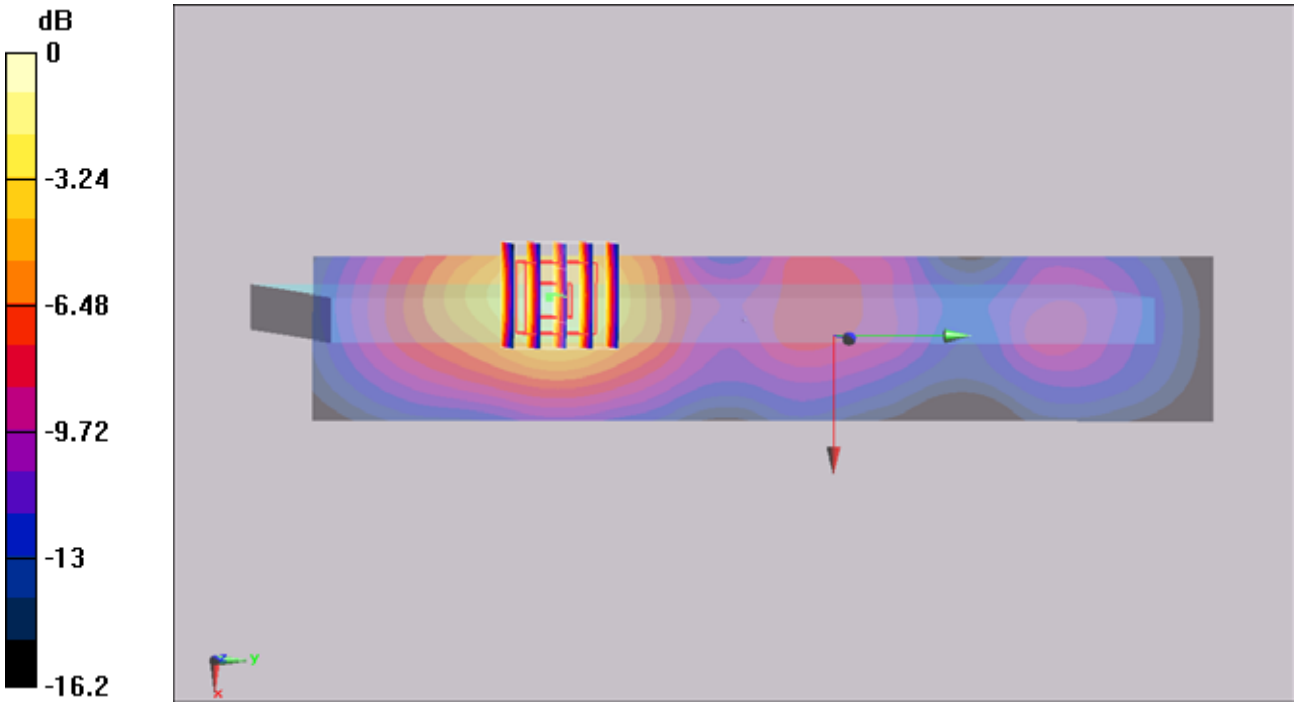
**DUT: 132945**

Communication System: PCS; Frequency: 1850.2 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110610 Medium parameters used: f = 1850.2 MHz; $\sigma$ = 1.44 mho/m; $\varepsilon_r$ = 55; $\rho$ = 1000 kg/$m^3$
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch512/Area Scan (31x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.757 mW/g

**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.66 V/m; Power Drift = 0.101 dB
Peak SAR (extrapolated) = 1.39 W/kg
**SAR(1 g) = 0.841 mW/g; SAR(10 g) = 0.483 mW/g**
Maximum value of SAR (measured) = 0.923 mW/g




0 dB = 0.923mW/g

**#17 GSM1900_GPRS10_Secondary Landscape_1cm_Ch512_2D**

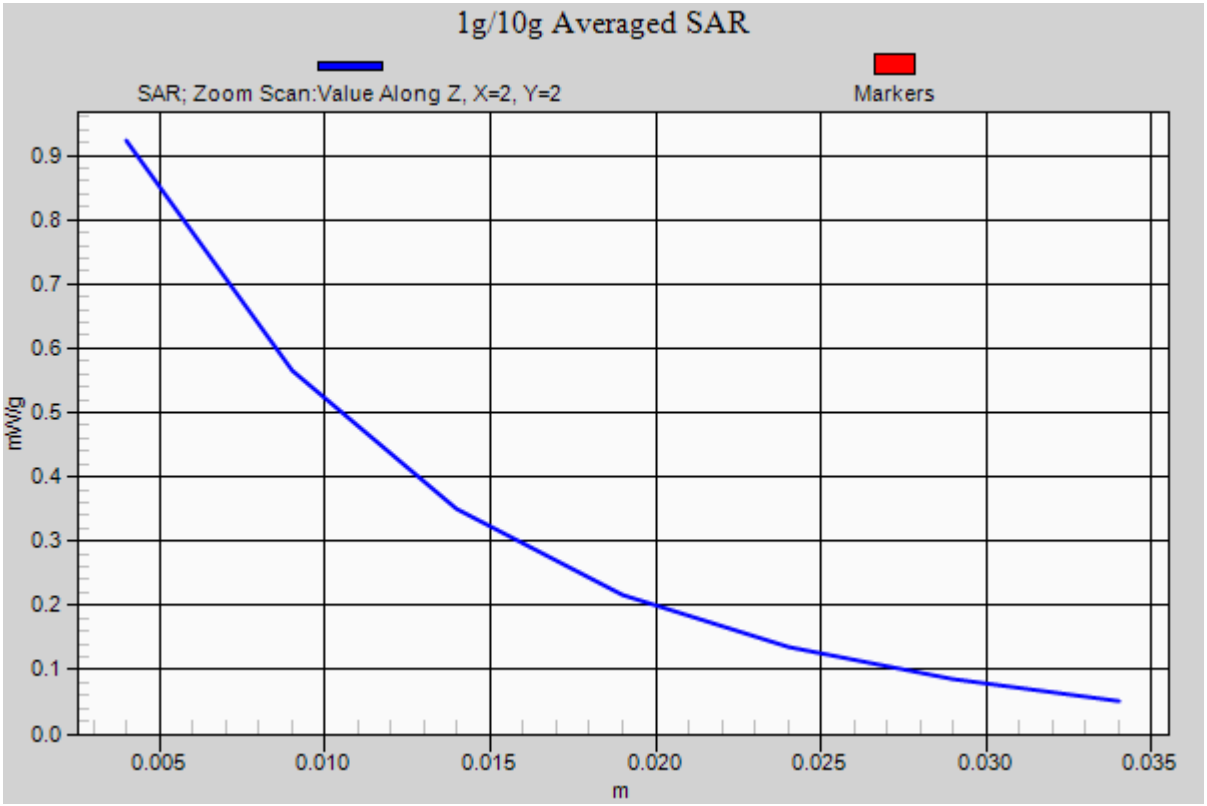
**DUT: 132945**

Communication System: PCS; Frequency: 1850.2 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110610 Medium parameters used: f = 1850.2 MHz; $\sigma$ = 1.44 mho/m; $\varepsilon_r$ = 55; $\rho$ = 1000 $kg/m^3$
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch512/Area Scan (31x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.757 mW/g

**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.66 V/m; Power Drift = 0.101 dB
Peak SAR (extrapolated) = 1.39 W/kg
**SAR(1 g) = 0.841 mW/g; SAR(10 g) = 0.483 mW/g**
Maximum value of SAR (measured) = 0.923 mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=2
Markers
mW/g
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

**#18 GSM1900_GPRS10_Secondary Landscape_1cm_Ch810**

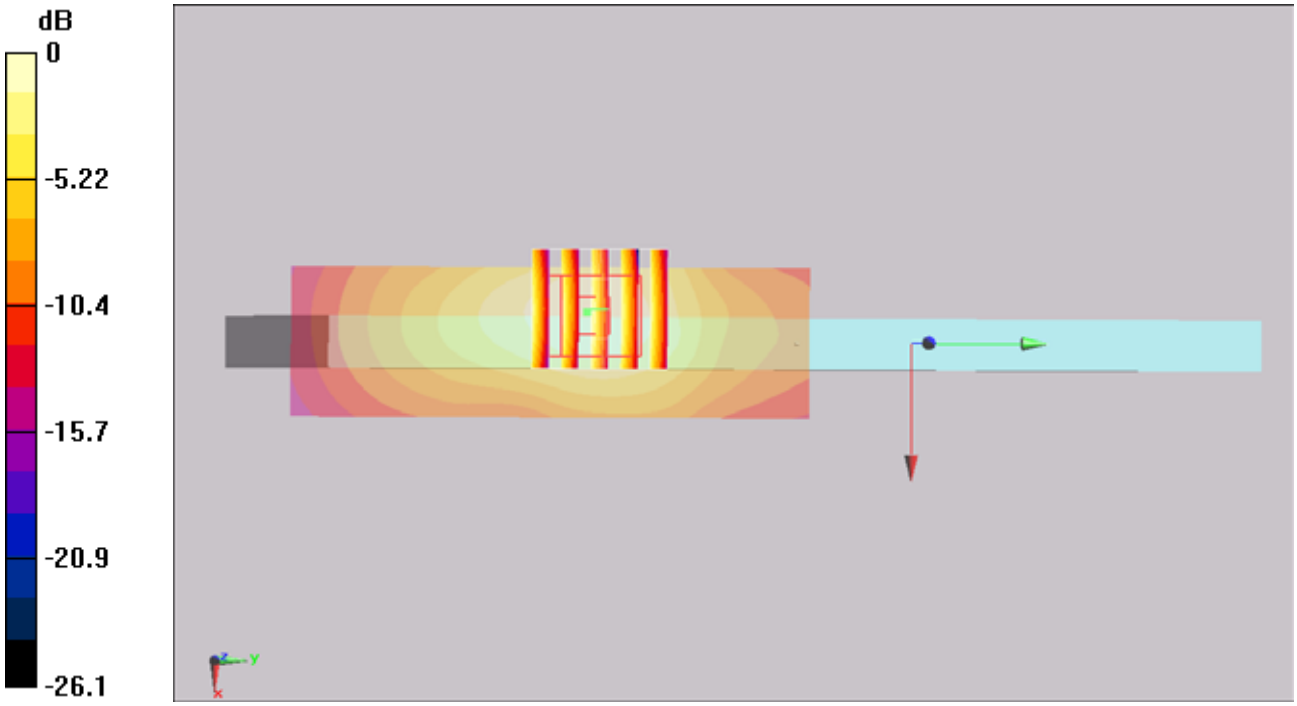
**DUT: 132945**

Communication System: PCS; Frequency: 1909.8 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110610 Medium parameters used: f = 1910 MHz; $\sigma$ = 1.51 mho/m; $\varepsilon_r$ = 54.8; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch810/Area Scan (31x71x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.676 mW/g

**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.19 V/m; Power Drift = 0.047 dB
Peak SAR (extrapolated) = 1.06 W/kg
**SAR(1 g) = 0.628 mW/g; SAR(10 g) = 0.361 mW/g**
Maximum value of SAR (measured) = 0.679 mW/g




0 dB = 0.679mW/g

**#05 WCDMA V_RMC12.2K_Rear Face_1cm_Ch4233_Earphone**

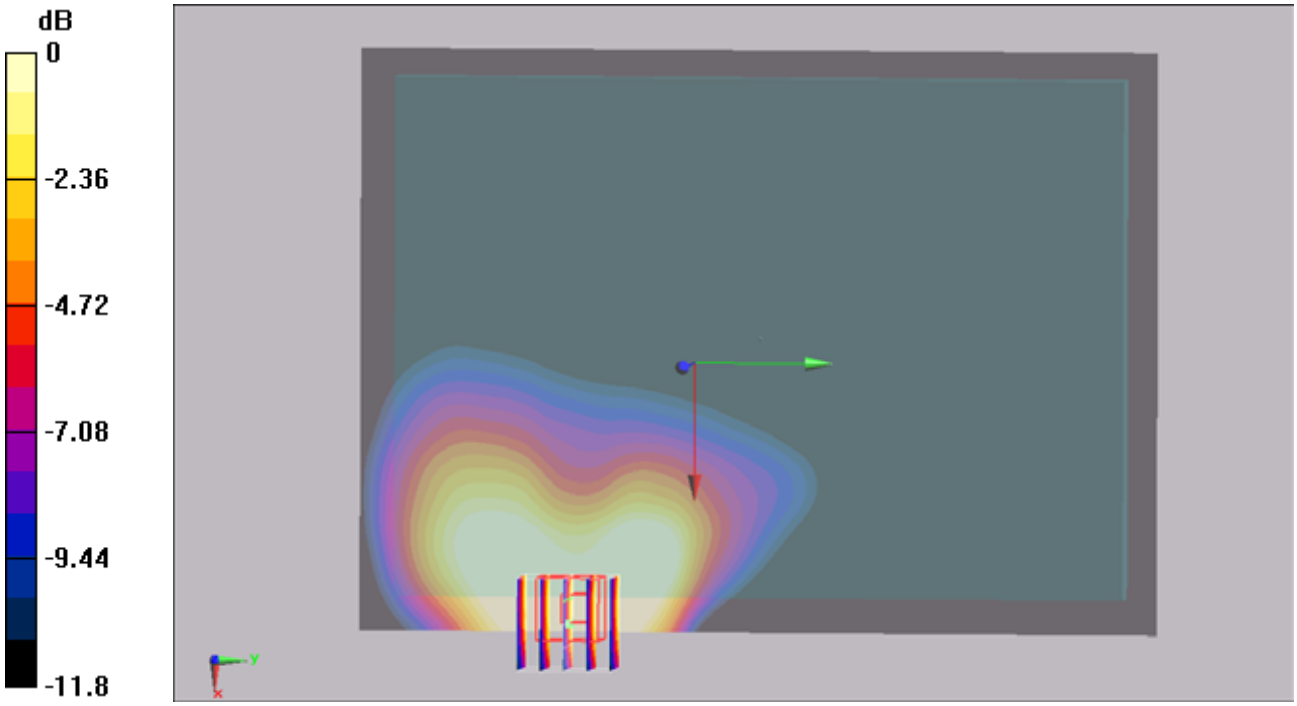
**DUT: 132945**

Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_850_110611 Medium parameters used: f = 847 MHz; $\sigma$ = 0.965 mho/m; $\varepsilon_r$ = 56.2; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch4233/Area Scan (101x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.962 mW/g

**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.75 V/m; Power Drift = 0.182 dB
Peak SAR (extrapolated) = 0.728 W/kg
**SAR(1 g) = 0.465 mW/g; SAR(10 g) = 0.293 mW/g**
Maximum value of SAR (measured) = 0.492 mW/g




0 dB = 0.492mW/g

**#06 WCDMA V_RMC12.2K_Secondary Landscape_1cm_Ch4233**

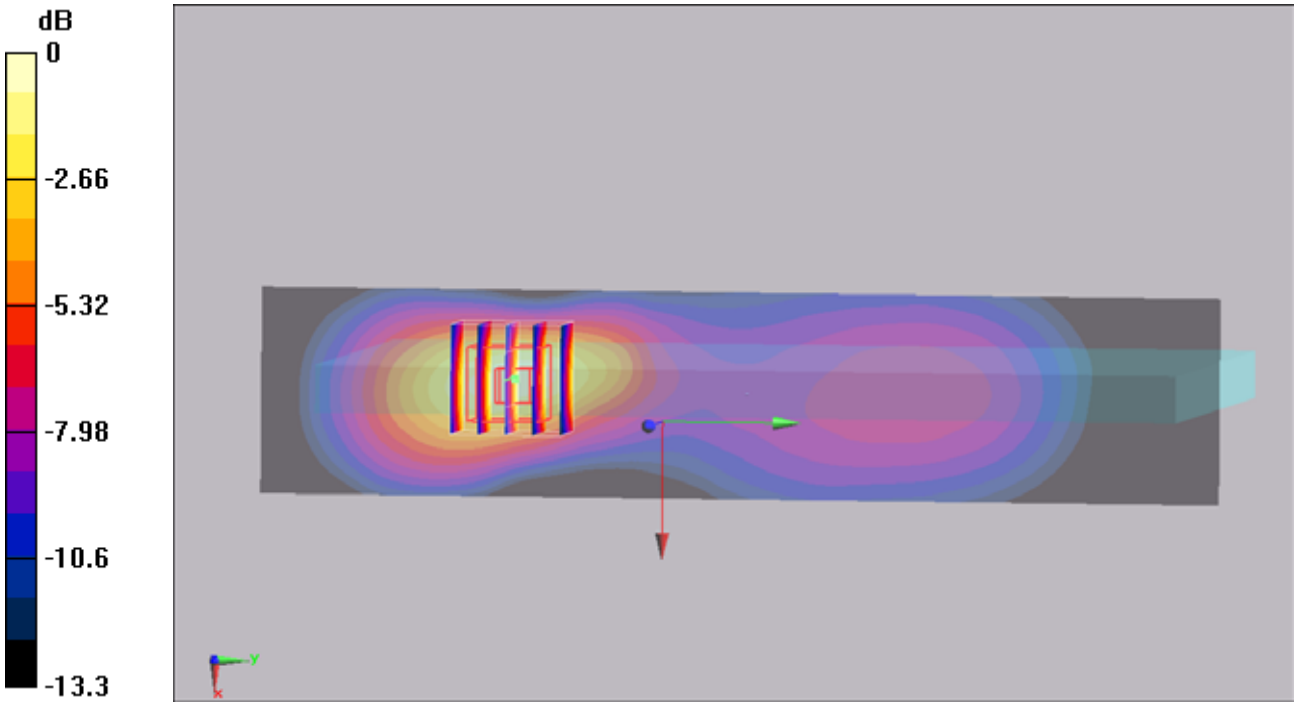
**DUT: 132945**

Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_850_110611 Medium parameters used: f = 847 MHz; $\sigma$ = 0.965 mho/m; $\varepsilon_r$ = 56.2; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch4233/Area Scan (31x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.479 mW/g

**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.32 V/m; Power Drift = 0.086 dB
Peak SAR (extrapolated) = 0.767 W/kg
**SAR(1 g) = 0.449 mW/g; SAR(10 g) = 0.260 mW/g**
Maximum value of SAR (measured) = 0.480 mW/g




0 dB = 0.480mW/g

**#06 WCDMA V_RMC12.2K_Secondary Landscape_1cm_Ch4233_2D**

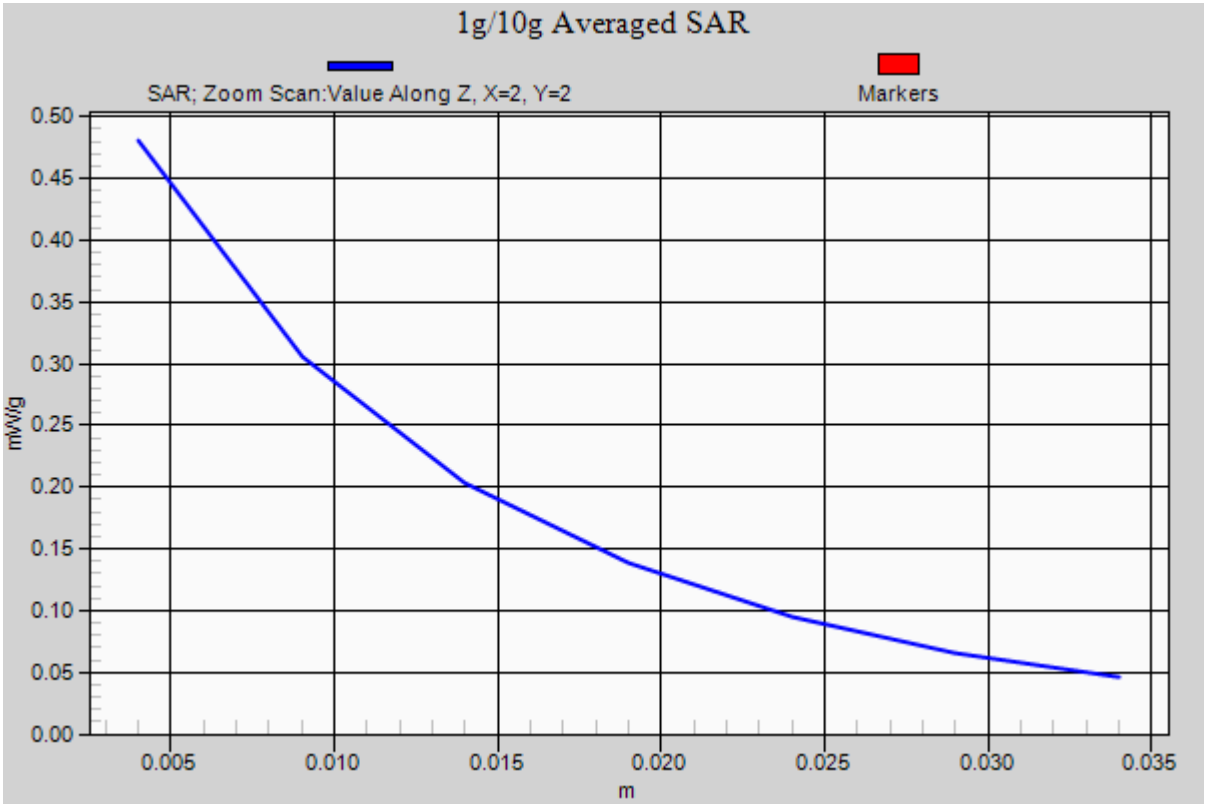
**DUT: 132945**

Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_850_110611 Medium parameters used: f = 847 MHz; $\sigma$ = 0.965 mho/m; $\varepsilon_r$ = 56.2; $\rho$ = 1000 kg/$m^3$
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch4233/Area Scan (31x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.479 mW/g

**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.32 V/m; Power Drift = 0.086 dB
Peak SAR (extrapolated) = 0.767 W/kg
**SAR(1 g) = 0.449 mW/g; SAR(10 g) = 0.260 mW/g**
Maximum value of SAR (measured) = 0.480 mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=2
Markers
0.50
0.45
0.40
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
mW/g
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

**#07 WCDMA V_RMC12.2K_Secondary Portrait_0cm_Ch4233_Earphone**

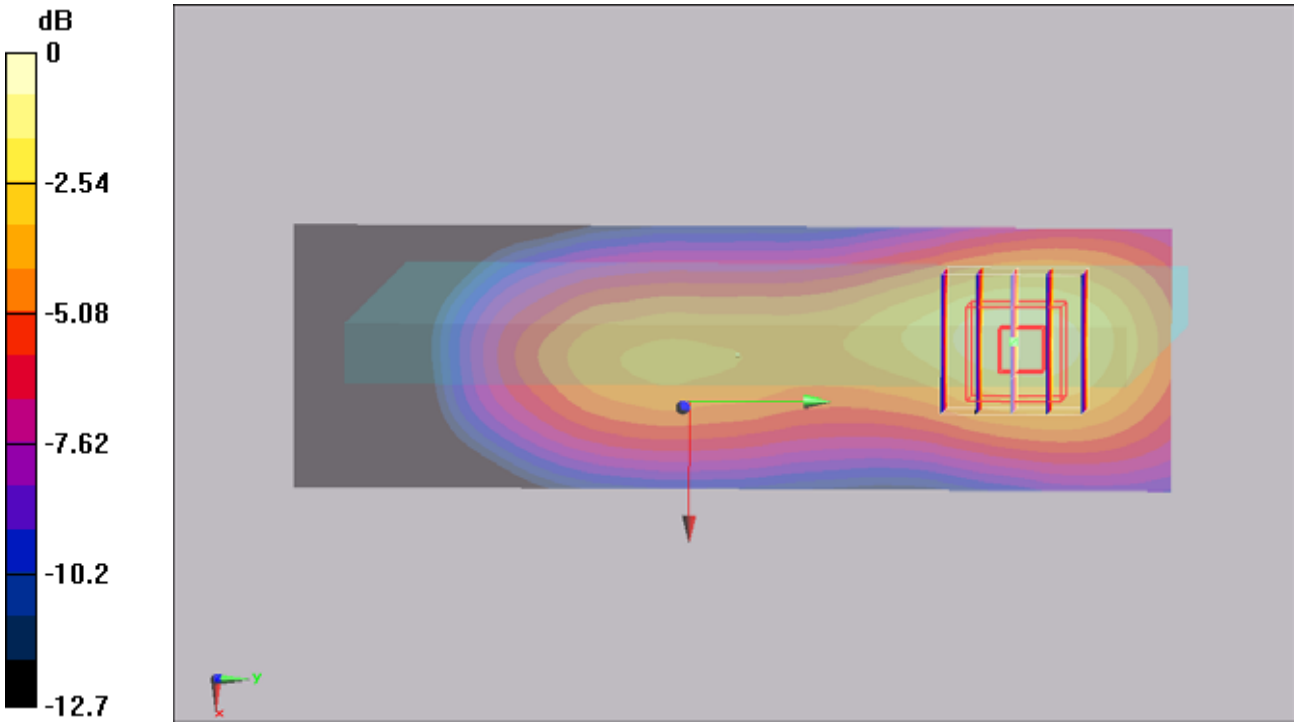
**DUT: 132945**

Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_850_110606 Medium parameters used: f = 847 MHz; $\sigma$ = 0.991 mho/m; $\varepsilon_r$ = 52.5; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.6 ℃; Liquid Temperature：21.7 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch4233/Area Scan (31x101x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.122 mW/g

**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.03 V/m; Power Drift = 0.164 dB
Peak SAR (extrapolated) = 0.273 W/kg
**SAR(1 g) = 0.146 mW/g; SAR(10 g) = 0.083 mW/g**
Maximum value of SAR (measured) = 0.155 mW/g




0 dB = 0.155mW/g

**#13 WCDMA II_RMC 12.2K_Rear Face_1cm_Ch9400_Earphone**

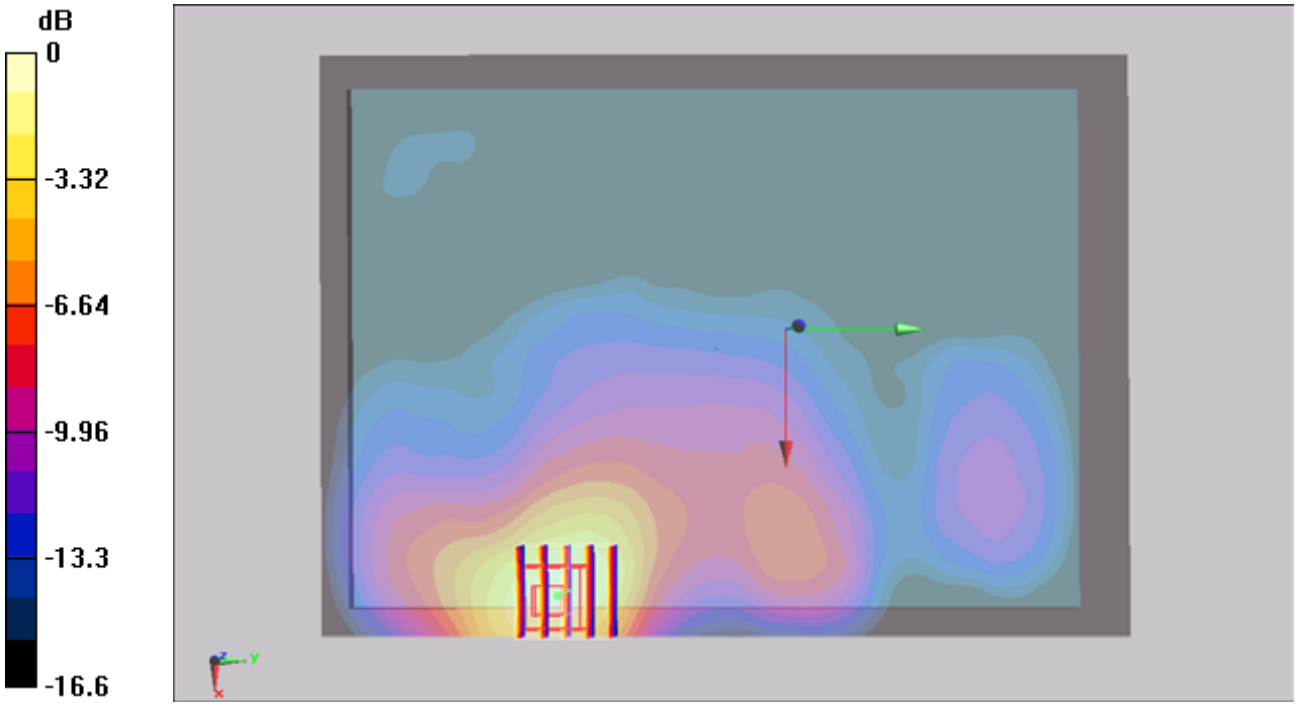
**DUT: 132945**

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110610 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.48 mho/m; $\varepsilon_r$ = 54.9; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch9400/Area Scan (101x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.884 mW/g

**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.12 V/m; Power Drift = 0.043 dB
Peak SAR (extrapolated) = 1.54 W/kg
**SAR(1 g) = 0.918 mW/g; SAR(10 g) = 0.533 mW/g**
Maximum value of SAR (measured) = 0.974 mW/g




0 dB = 0.974mW/g

**#14 WCDMA II_RMC 12.2K_Secondary Landscape_1cm_Ch9400**

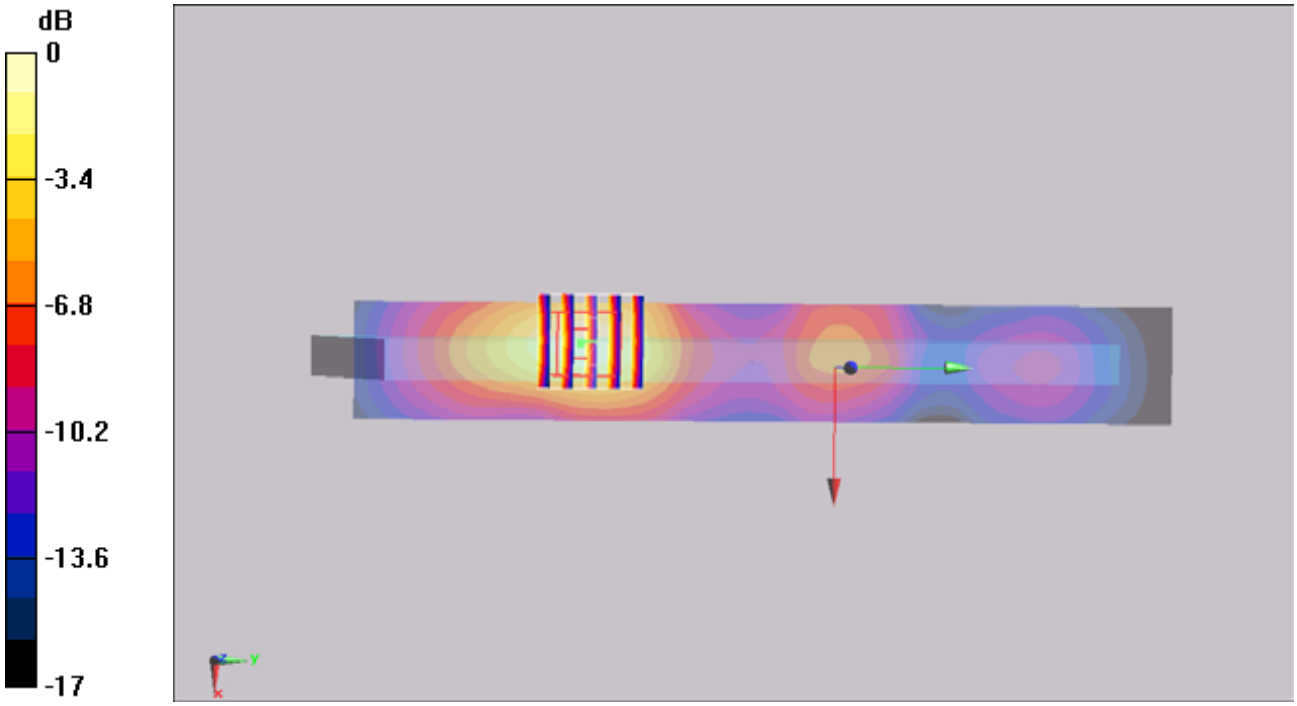
**DUT: 132945**

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110610 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.48 mho/m; $\varepsilon_r$ = 54.9; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch9400/Area Scan (31x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.34 mW/g

**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.56 V/m; Power Drift = 0.172 dB
Peak SAR (extrapolated) = 2.14 W/kg
**SAR(1 g) = 1.26 mW/g; SAR(10 g) = 0.707 mW/g**
Maximum value of SAR (measured) = 1.39 mW/g




0 dB = 1.39mW/g

**#15 WCDMA II_RMC 12.2K_Secondary Portrait_0cm_Ch9400_Earphone**

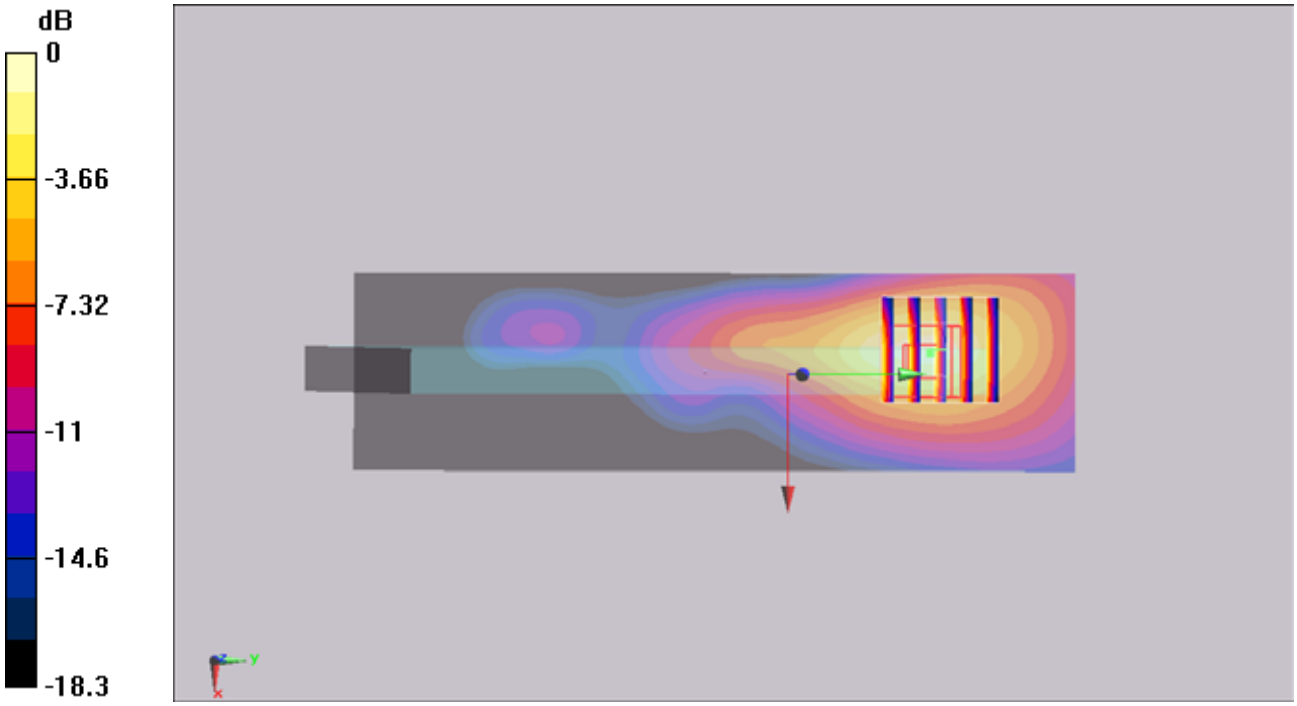
**DUT: 132945**

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110610 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.48 mho/m; $\varepsilon_r$ = 54.9; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch9400/Area Scan (31x111x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.600 mW/g

**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.34 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.35 W/kg
**SAR(1 g) = 0.681 mW/g; SAR(10 g) = 0.333 mW/g**
Maximum value of SAR (measured) = 0.712 mW/g




0 dB = 0.712mW/g

**#16 WCDMA II_RMC 12.2K_Secondary Landscape_1cm_Ch9262**

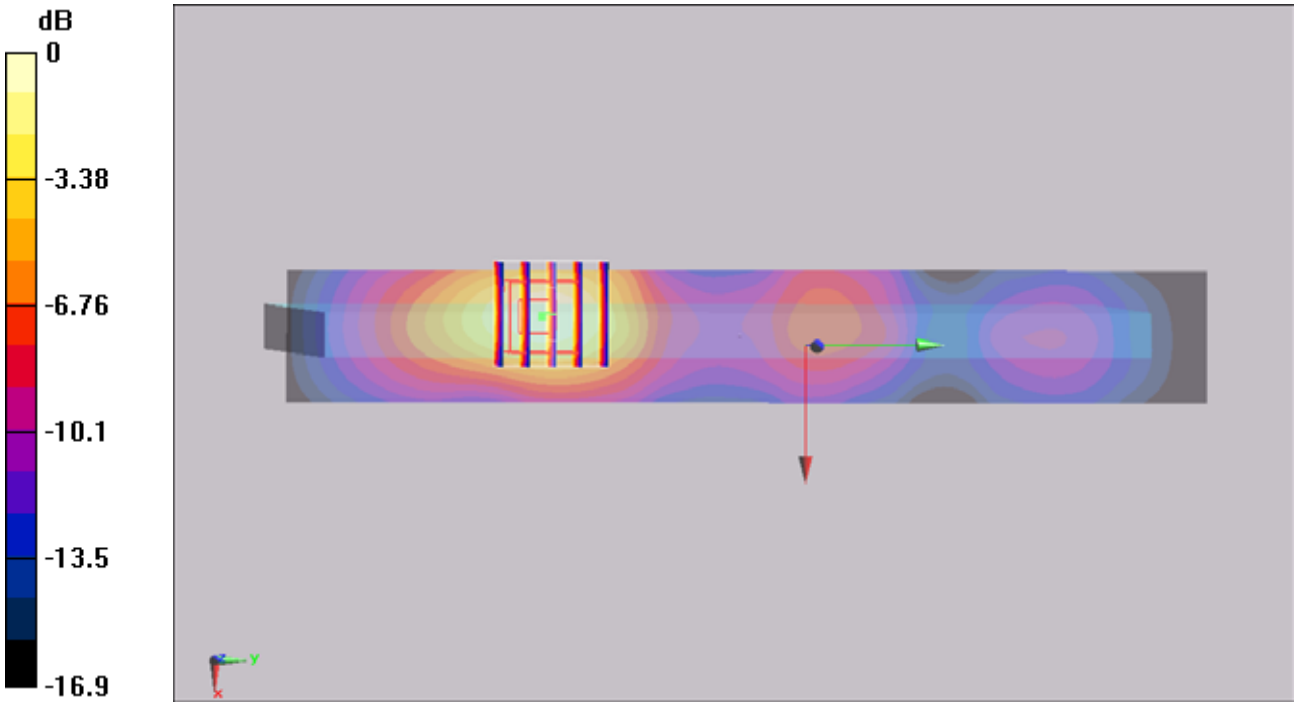
**DUT: 132945**

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110610 Medium parameters used: f = 1852.4 MHz; $\sigma$ = 1.45 mho/m; $\varepsilon_r$ = 55; $\rho$ = 1000 $kg/m^3$
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch9262/Area Scan (31x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.67 mW/g

**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.5 V/m; Power Drift = 0.109 dB
Peak SAR (extrapolated) = 2.59 W/kg
**SAR(1 g) = 1.53 mW/g; SAR(10 g) = 0.846 mW/g**
Maximum value of SAR (measured) = 1.66 mW/g




0 dB = 1.66mW/g

**#16 WCDMA II_RMC 12.2K_Secondary Landscape_1cm_Ch9262_2D**

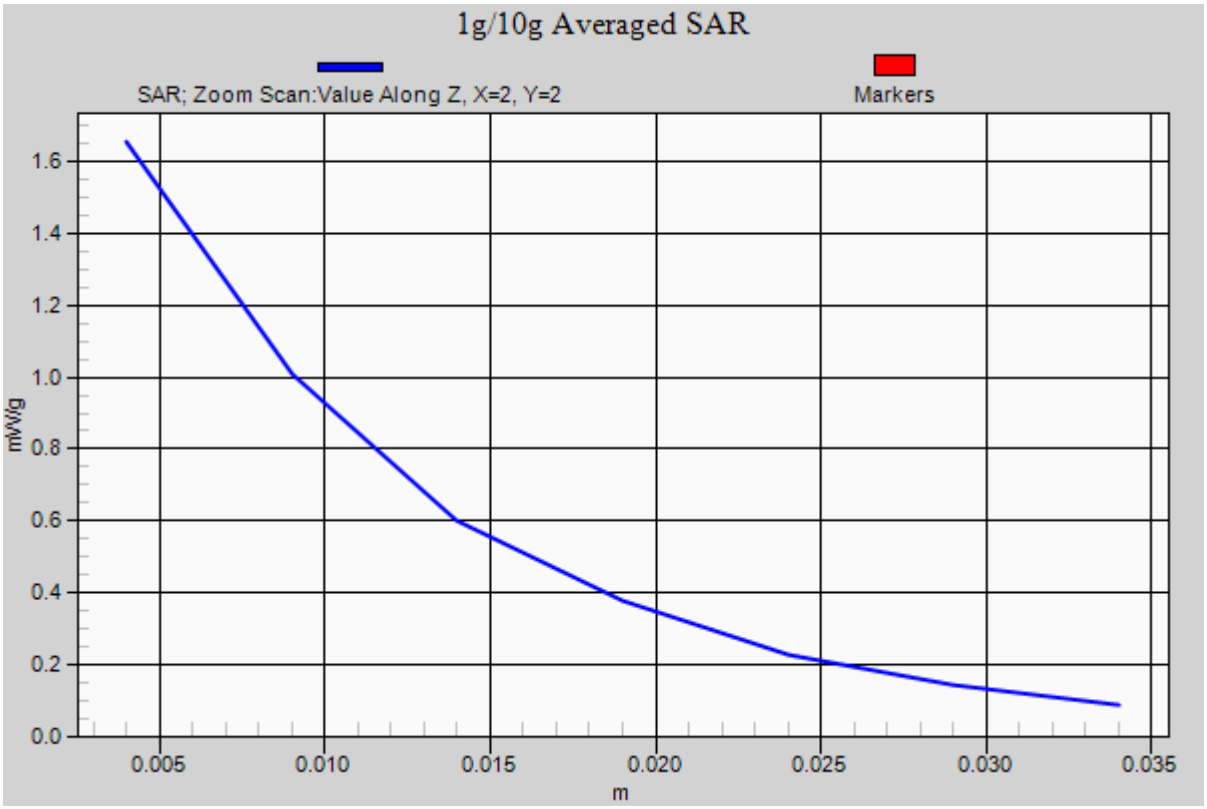
**DUT: 132945**

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110610 Medium parameters used: f = 1852.4 MHz; $\sigma$ = 1.45 mho/m; $\varepsilon_r$ = 55; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch9262/Area Scan (31x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.67 mW/g

**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.5 V/m; Power Drift = 0.109 dB
Peak SAR (extrapolated) = 2.59 W/kg
**SAR(1 g) = 1.53 mW/g; SAR(10 g) = 0.846 mW/g**
Maximum value of SAR (measured) = 1.66 mW/g



**#19 WCDMA II_RMC 12.2K_Secondary Landscape_1cm_Ch9538**

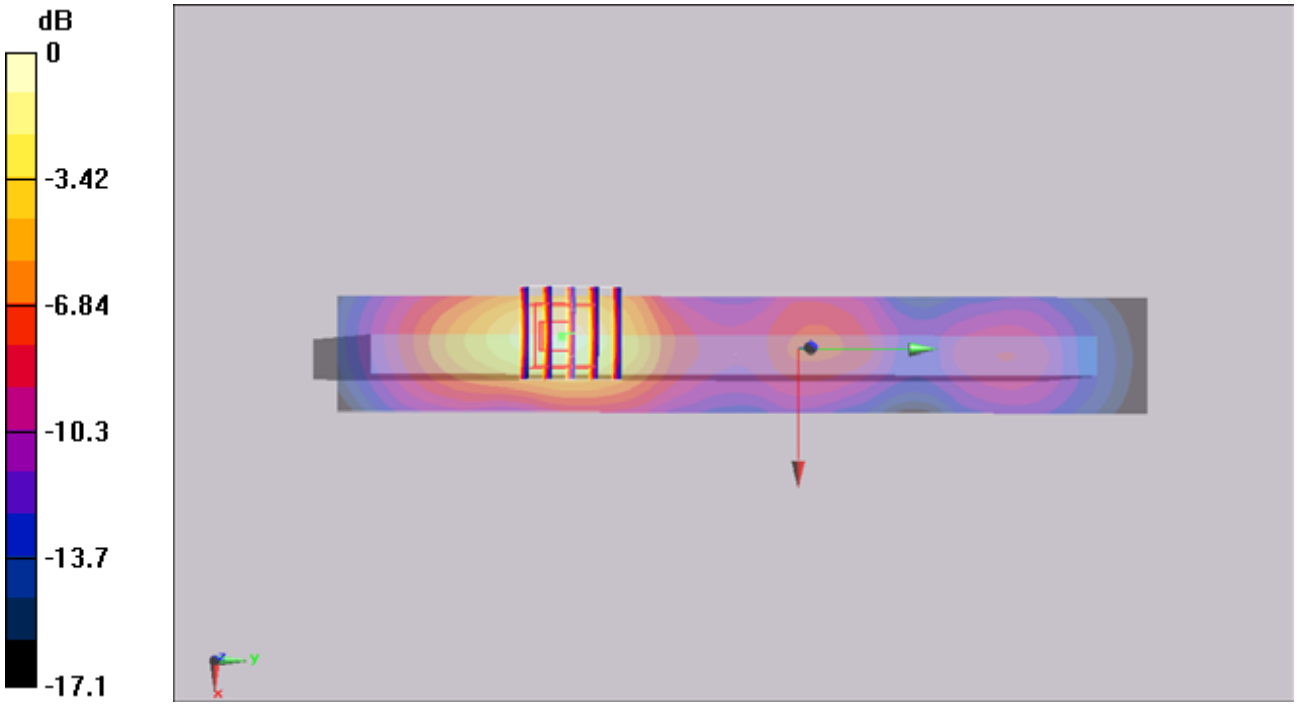
**DUT: 132945**

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110610 Medium parameters used: f = 1908 MHz; $\sigma$ = 1.51 mho/m; $\varepsilon_r$ = 54.8; $\rho$ = 1000 $kg/m^3$
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch9538/Area Scan (31x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.2 mW/g

**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.5 V/m; Power Drift = 0.143 dB
Peak SAR (extrapolated) = 2.18 W/kg
**SAR(1 g) = 1.26 mW/g; SAR(10 g) = 0.695 mW/g**
Maximum value of SAR (measured) = 1.38 mW/g




0 dB = 1.38mW/g

**#21 WCDMA II_RMC12.2K_Rear Face_1cm_Ch9262_Earphone**

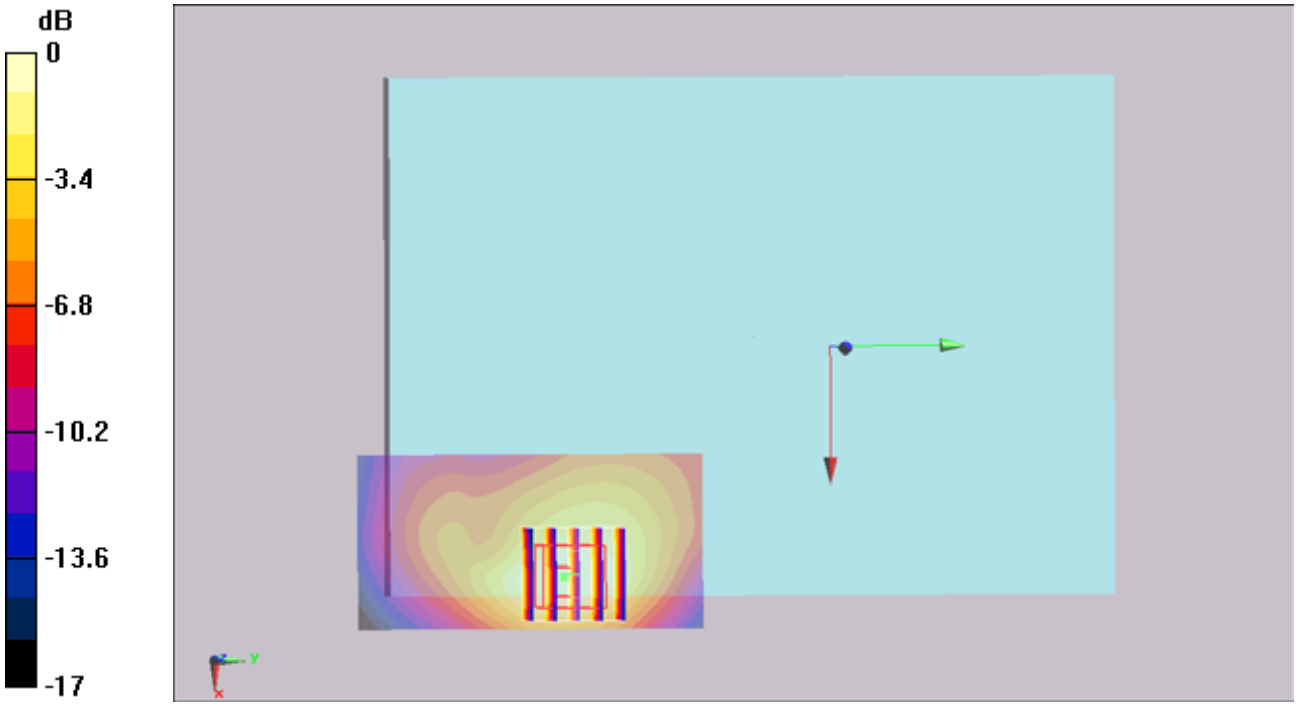
**DUT: 132945**

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110610 Medium parameters used: f = 1852.4 MHz; $\sigma$ = 1.45 mho/m; $\varepsilon_r$ = 55; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.4 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch9262/Area Scan (31x61x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.823 mW/g

**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.65 V/m; Power Drift = -0.186 dB
Peak SAR (extrapolated) = 1.22 W/kg
**SAR(1 g) = 0.716 mW/g; SAR(10 g) = 0.417 mW/g**
Maximum value of SAR (measured) = 0.756 mW/g




0 dB = 0.756mW/g

**#22 WCDMA II_RMC 12.2K_Rear Face_1cm_Ch9538_Earphone**

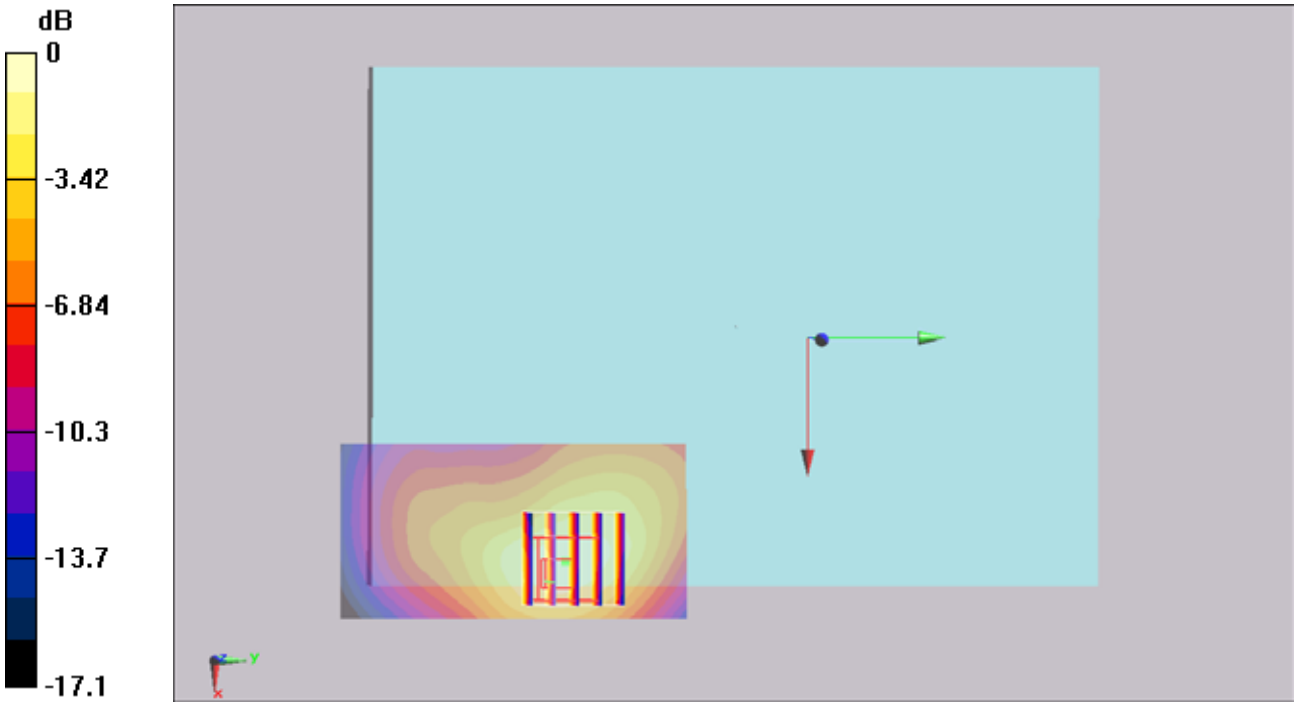
**DUT: 132945**

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110610 Medium parameters used: f = 1908 MHz; $\sigma$ = 1.51 mho/m; $\varepsilon_r$ = 54.8; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.4 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch9538/Area Scan (31x61x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.669 mW/g

**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.76 V/m; Power Drift = -0.051 dB
Peak SAR (extrapolated) = 1.09 W/kg
**SAR(1 g) = 0.648 mW/g; SAR(10 g) = 0.379 mW/g**
Maximum value of SAR (measured) = 0.692 mW/g




0 dB = 0.692mW/g

**#23 LTE Band 17_QPSK(25-13)_Rear Face _1cm_Ch23790_Earphone**

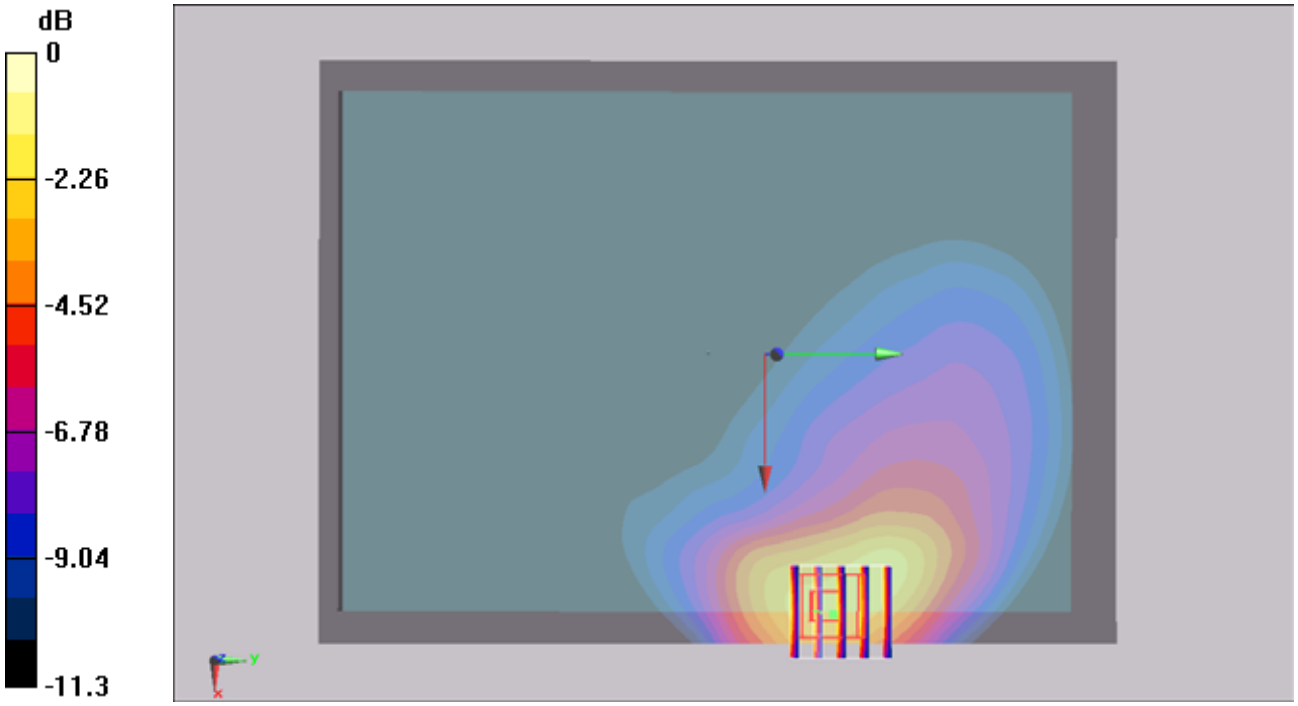
**DUT: 132945**

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_110611 Medium parameters used: f = 710 MHz; $\sigma$ = 0.943 mho/m; $\varepsilon_r$ = 55.6; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch710/Area Scan (101x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.240 mW/g

**Ch710/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.62 V/m; Power Drift = 0.128 dB
Peak SAR (extrapolated) = 0.507 W/kg
**SAR(1 g) = 0.323 mW/g; SAR(10 g) = 0.201 mW/g**
Maximum value of SAR (measured) = 0.342 mW/g




0 dB = 0.342mW/g

**#24 LTE Band 17_QPSK(25-13)_Secondary Landscape _1cm_Ch23790**

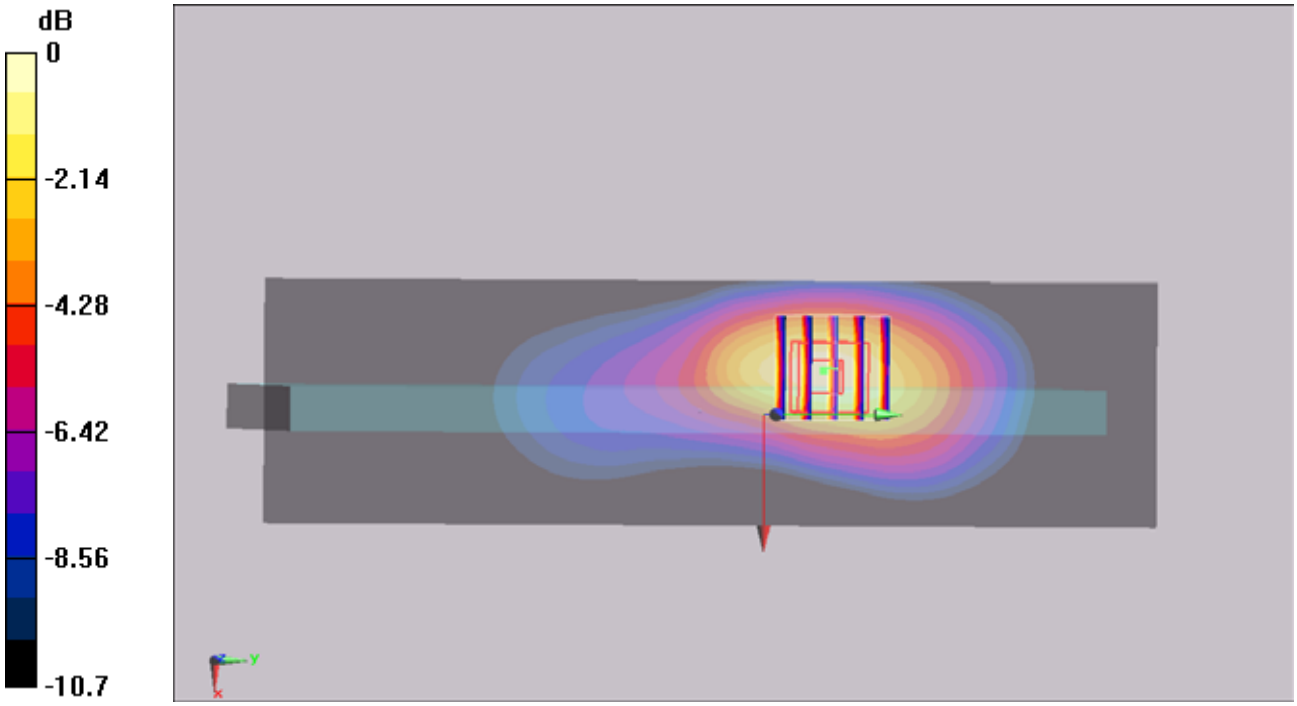
**DUT: 132945**

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_110611 Medium parameters used: f = 710 MHz; $\sigma$ = 0.943 mho/m; $\varepsilon_r$ = 55.6; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.4 ℃； Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch710/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.309 mW/g

**Ch710/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.3 V/m; Power Drift = 0.124 dB
Peak SAR (extrapolated) = 0.451 W/kg
**SAR(1 g) = 0.298 mW/g; SAR(10 g) = 0.191 mW/g**
Maximum value of SAR (measured) = 0.317 mW/g




0 dB = 0.317mW/g

**#27 LTE Band 17_QPSK(1-0)_Rear Face _1cm_Ch23790_Earphone**

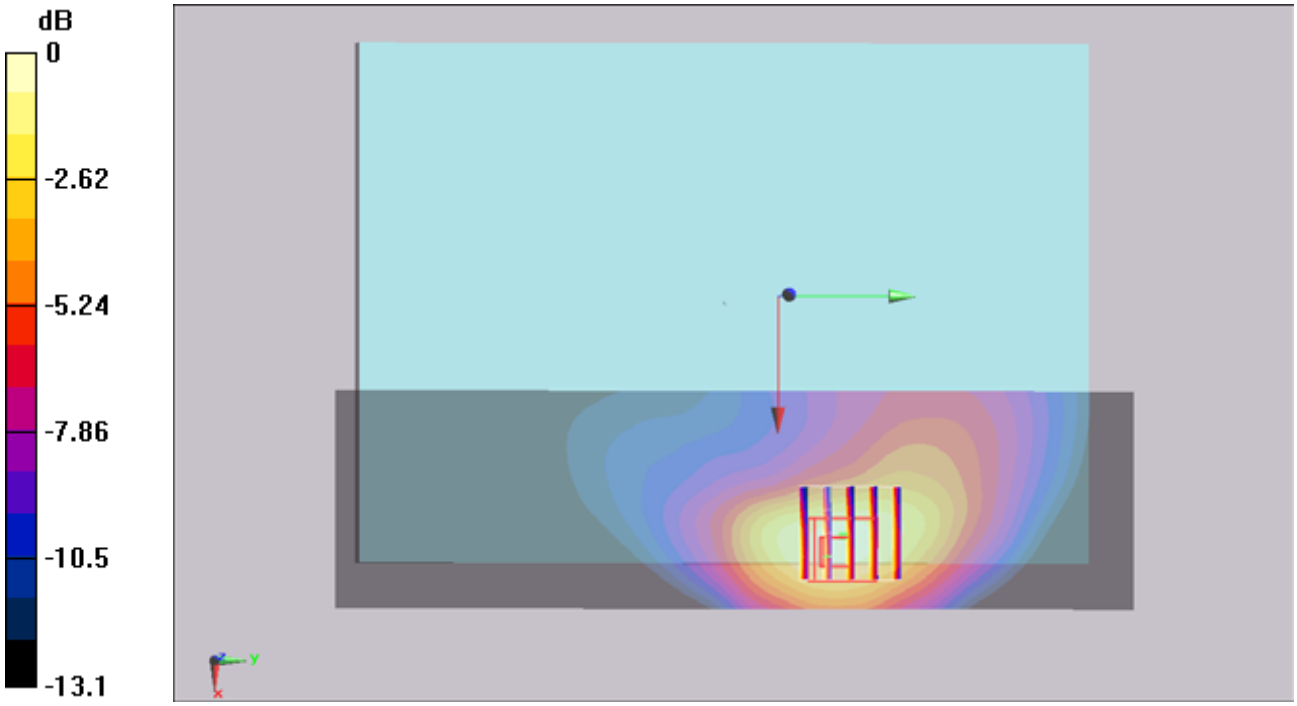
**DUT: 132945**

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_110611 Medium parameters used: f = 710 MHz; $\sigma$ = 0.943 mho/m; $\varepsilon_r$ = 55.6; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch710/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.366 mW/g

**Ch710/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.77 V/m; Power Drift = 0.038 dB
Peak SAR (extrapolated) = 0.595 W/kg
**SAR(1 g) = 0.377 mW/g; SAR(10 g) = 0.232 mW/g**
Maximum value of SAR (measured) = 0.405 mW/g




0 dB = 0.405mW/g

**#27 LTE Band 17_QPSK(1-0)_Rear Face _1cm_Ch23790_Earphone_2D**

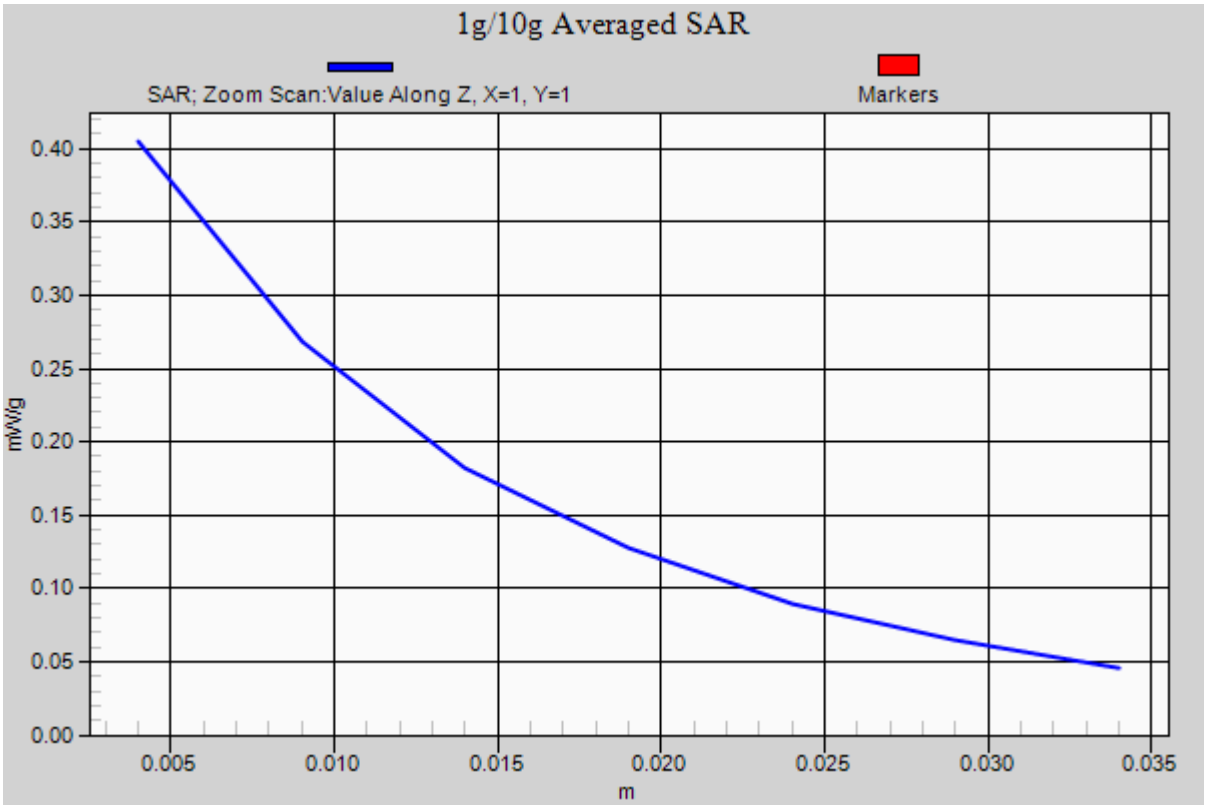
**DUT: 132945**

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_110611 Medium parameters used: f = 710 MHz; $\sigma$ = 0.943 mho/m; $\varepsilon_r$ = 55.6; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.3 ℃； Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch710/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.366 mW/g

**Ch710/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.77 V/m; Power Drift = 0.038 dB
Peak SAR (extrapolated) = 0.595 W/kg
**SAR(1 g) = 0.377 mW/g; SAR(10 g) = 0.232 mW/g**
Maximum value of SAR (measured) = 0.405 mW/g



**#28 LTE Band 17_QPSK(1-0)_Secondary Landscape _1cm_Ch23790**

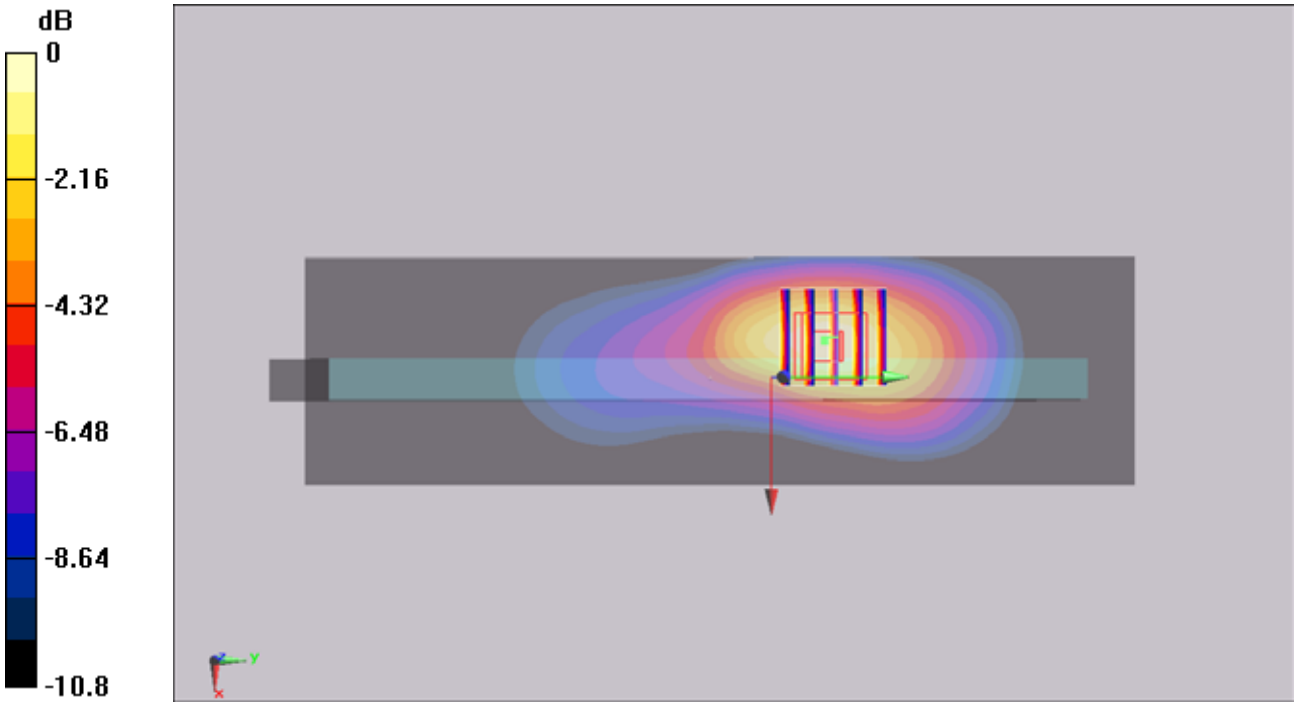
**DUT: 132945**

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_110611 Medium parameters used: f = 710 MHz; $\sigma$ = 0.943 mho/m; $\varepsilon_r$ = 55.6; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.4 ℃； Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch710/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.316 mW/g

**Ch710/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.5 V/m; Power Drift = 0.152 dB
Peak SAR (extrapolated) = 0.458 W/kg
**SAR(1 g) = 0.304 mW/g; SAR(10 g) = 0.195 mW/g**
Maximum value of SAR (measured) = 0.322 mW/g




0 dB = 0.322mW/g

**#31 LTE Band 17_QPSK(1-49)_Rear Face _1cm_Ch23790_Earphone**

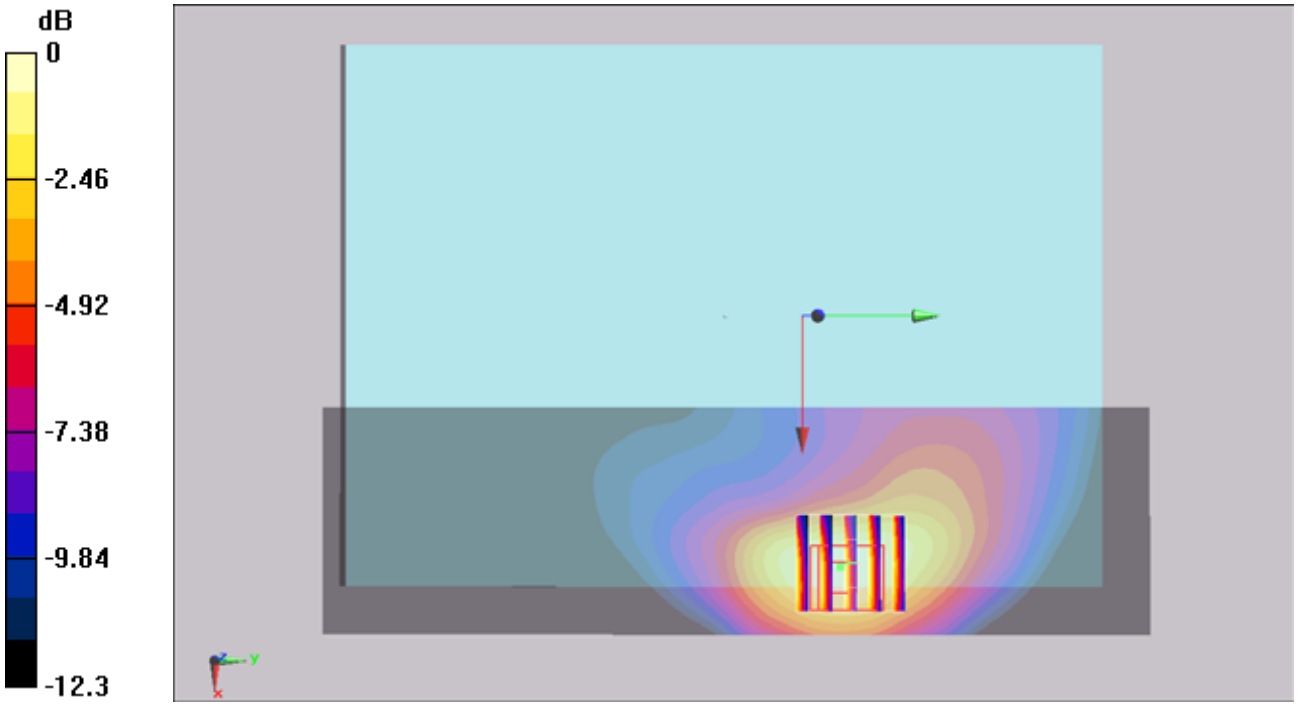
**DUT: 132945**

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_110611 Medium parameters used: f = 710 MHz; $\sigma$ = 0.943 mho/m; $\varepsilon_r$ = 55.6; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch710/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.366 mW/g

**Ch710/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.74 V/m; Power Drift = 0.120 dB
Peak SAR (extrapolated) = 0.602 W/kg
**SAR(1 g) = 0.380 mW/g; SAR(10 g) = 0.235 mW/g**
Maximum value of SAR (measured) = 0.391 mW/g




0 dB = 0.391mW/g

**#32 LTE Band 17_QPSK(1-49)_Secondary Landscape_1cm_Ch23790**

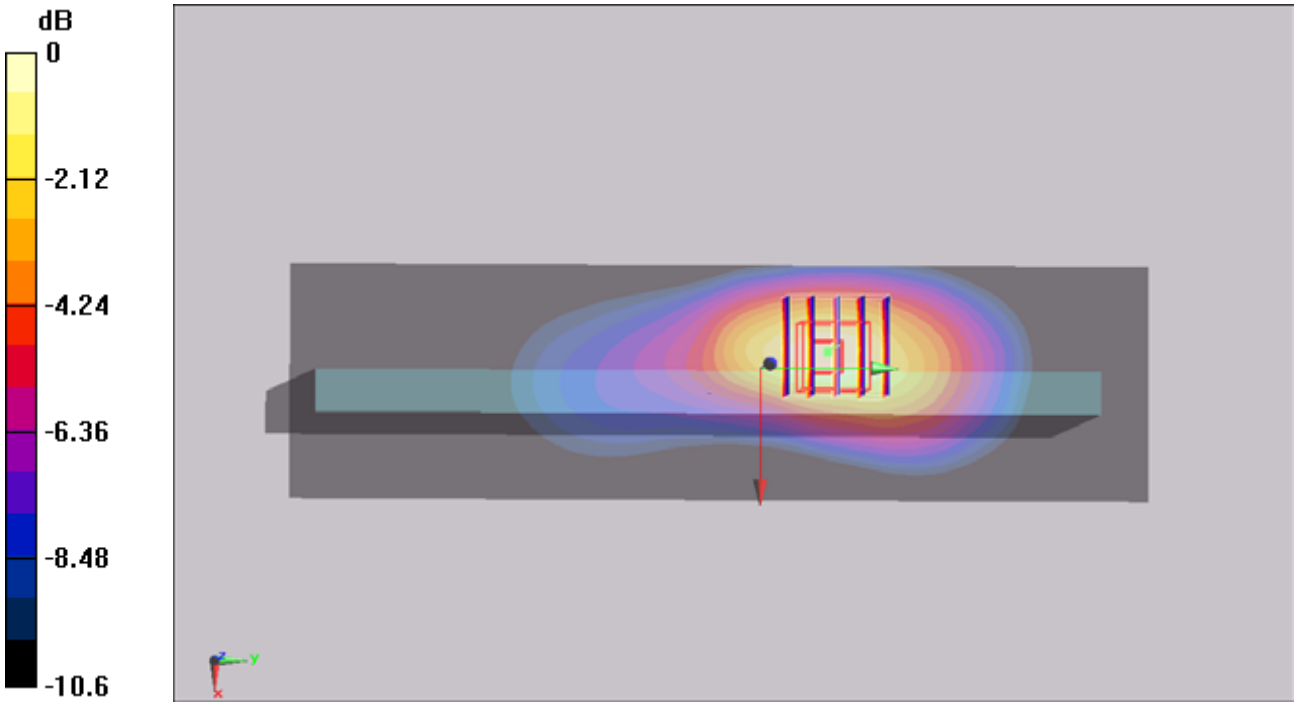
**DUT: 132945**

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_110611 Medium parameters used: f = 710 MHz; $\sigma$ = 0.943 mho/m; $\varepsilon_r$ = 55.6; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.4 ℃； Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch710/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.319 mW/g

**Ch710/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.5 V/m; Power Drift = 0.121 dB
Peak SAR (extrapolated) = 0.456 W/kg
**SAR(1 g) = 0.304 mW/g; SAR(10 g) = 0.195 mW/g**
Maximum value of SAR (measured) = 0.320 mW/g




0 dB = 0.320mW/g

**#35 LTE Band 17_16QAM(25-13)_Rear Face _1cm_Ch23790_Earphone**

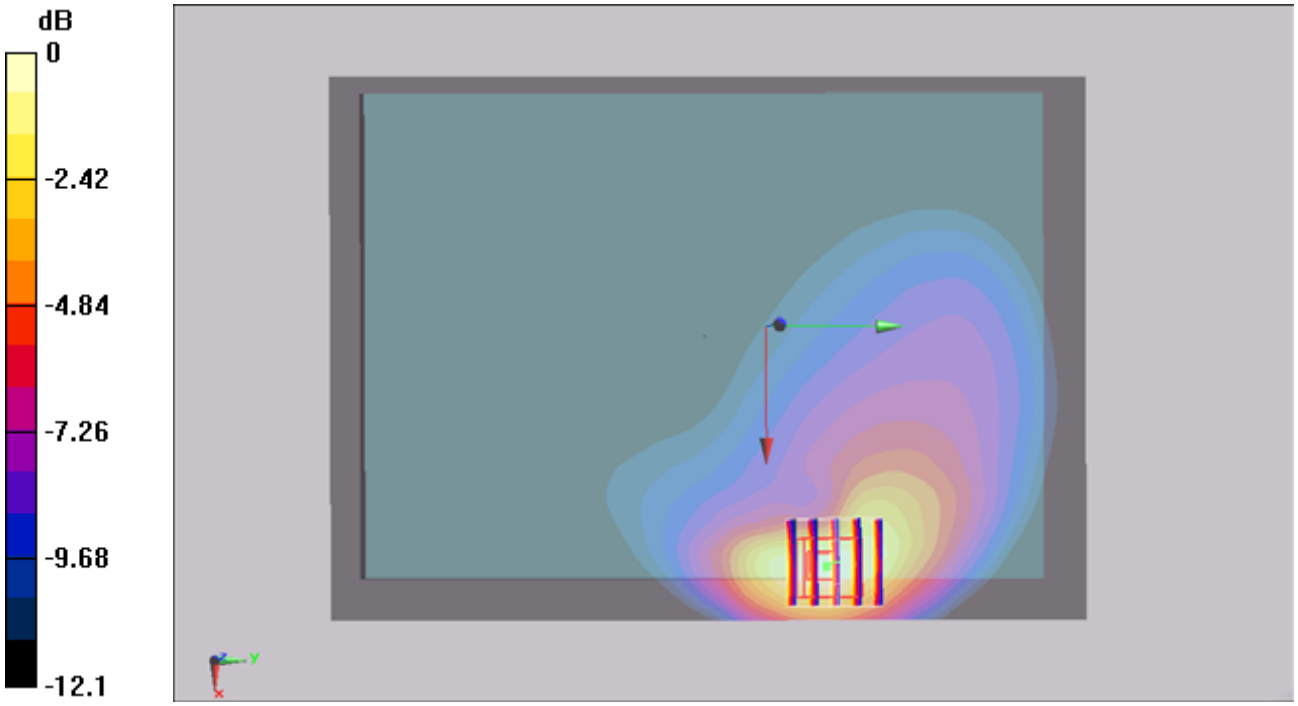
**DUT: 132945**

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_110611 Medium parameters used: f = 710 MHz; $\sigma$ = 0.943 mho/m; $\varepsilon_r$ = 55.6; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch710/Area Scan (101x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.358 mW/g

**Ch710/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.58 V/m; Power Drift = 0.174 dB
Peak SAR (extrapolated) = 0.516 W/kg
**SAR(1 g) = 0.328 mW/g; SAR(10 g) = 0.205 mW/g**
Maximum value of SAR (measured) = 0.356 mW/g




0 dB = 0.356mW/g

**#36 LTE Band 17_16QAM(25-13)_Secondary Landscape_1cm_Ch23790**

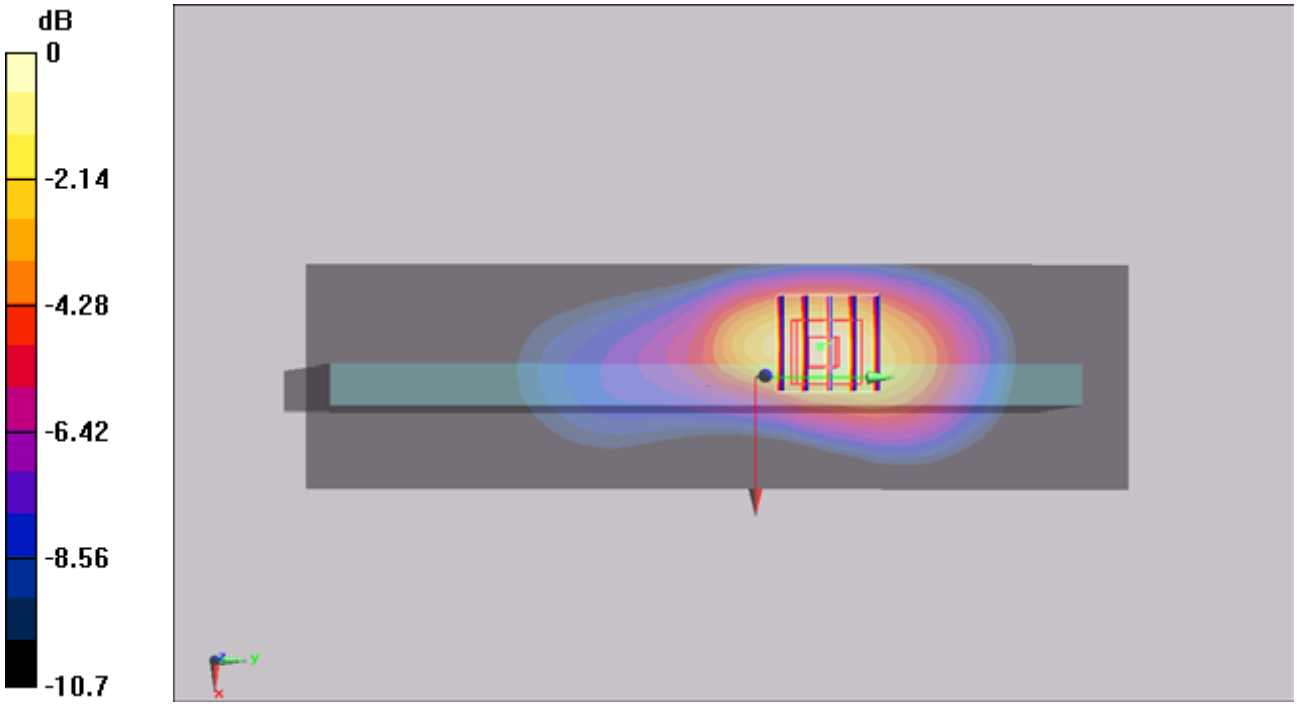
**DUT: 132945**

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_110611 Medium parameters used: f = 710 MHz; $\sigma$ = 0.943 mho/m; $\varepsilon_r$ = 55.6; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.3 ℃； Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch710/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.309 mW/g

**Ch710/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.3 V/m; Power Drift = 0.124 dB
Peak SAR (extrapolated) = 0.451 W/kg
**SAR(1 g) = 0.298 mW/g; SAR(10 g) = 0.191 mW/g**
Maximum value of SAR (measured) = 0.317 mW/g




0 dB = 0.317mW/g

**#39 LTE Band 17_16QAM(1-0)_Rear Face _1cm_Ch23790_Earphone**

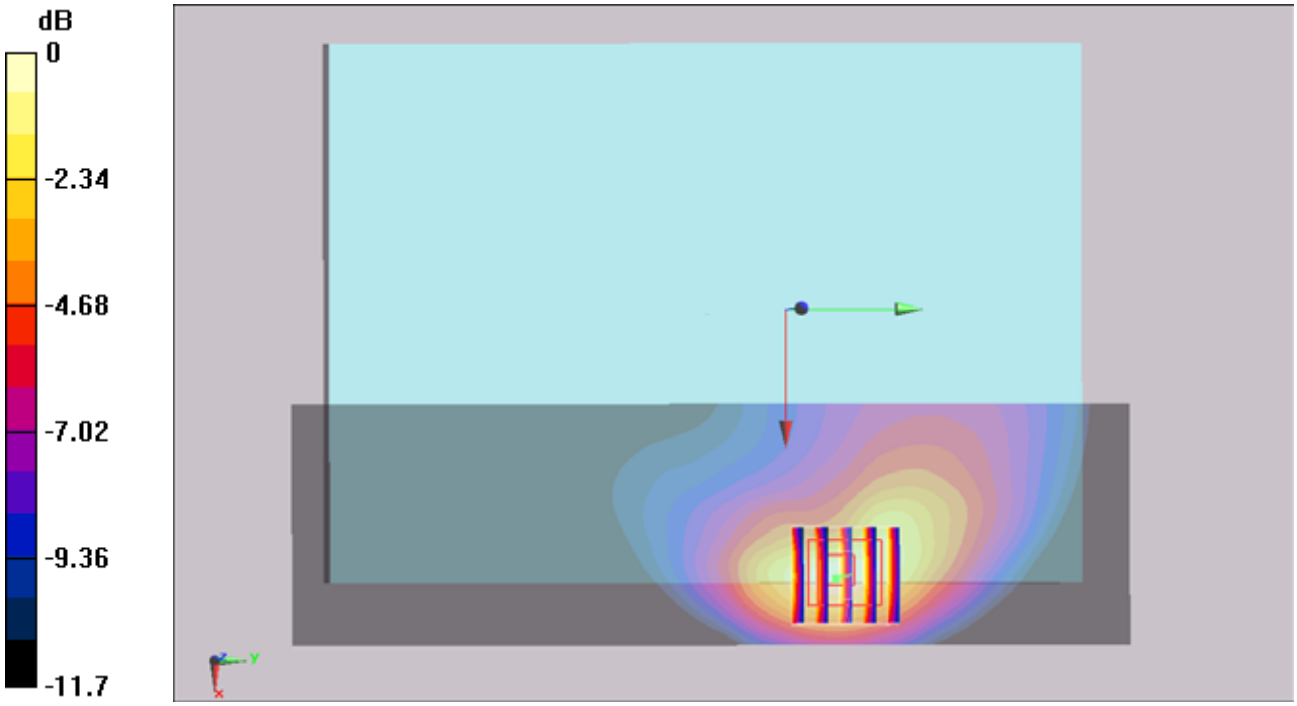
**DUT: 132945**

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_110611 Medium parameters used: f = 710 MHz; $\sigma$ = 0.943 mho/m; $\varepsilon_r$ = 55.6; $\rho$ = 1000 kg/$m^3$
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch710/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.354 mW/g

**Ch710/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.67 V/m; Power Drift = 0.132 dB
Peak SAR (extrapolated) = 0.537 W/kg
**SAR(1 g) = 0.342 mW/g; SAR(10 g) = 0.213 mW/g**
Maximum value of SAR (measured) = 0.367 mW/g




0 dB = 0.367mW/g

**#39 LTE Band 17_16QAM(1-0)_Rear Face _1cm_Ch23790_Earphone_2D**

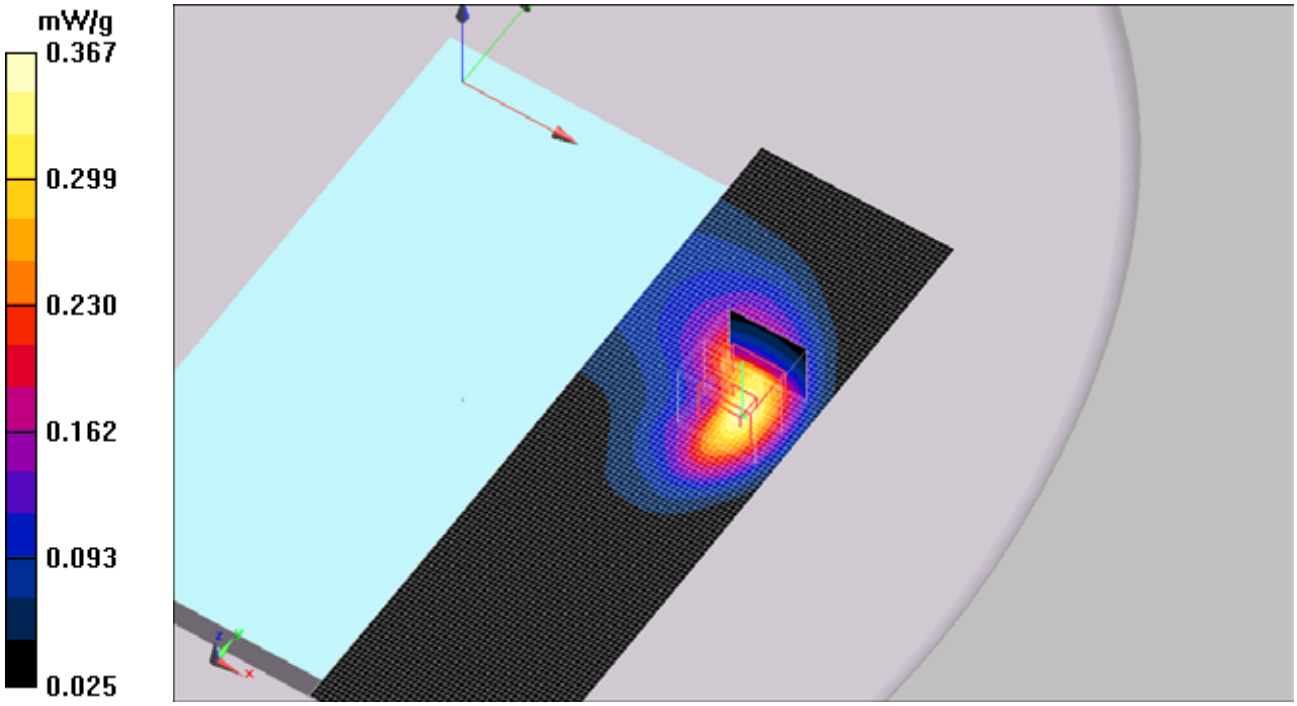
**DUT: 132945**

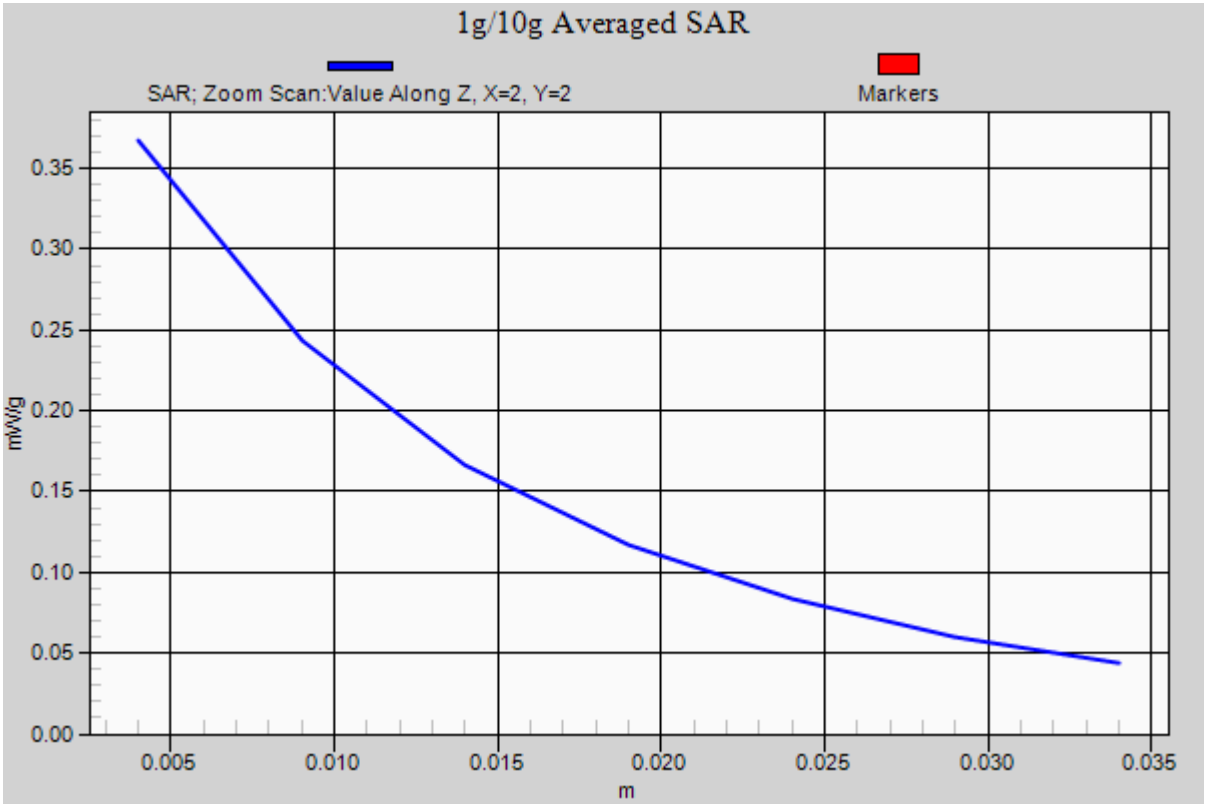
Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_110611 Medium parameters used: f = 710 MHz; $\sigma$ = 0.943 mho/m; $\varepsilon_r$ = 55.6; $\rho$ = 1000 kg/$m^3$
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch710/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.354 mW/g

**Ch710/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.67 V/m; Power Drift = 0.132 dB
Peak SAR (extrapolated) = 0.537 W/kg
**SAR(1 g) = 0.342 mW/g; SAR(10 g) = 0.213 mW/g**
Maximum value of SAR (measured) = 0.367 mW/g


mW/g
0.367
0.299
0.230
0.162
0.093
0.025


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=2
Markers
mW/g
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

**#40 LTE Band 17_16QAM(1-0)_Secondary Landscape_1cm_Ch23790**

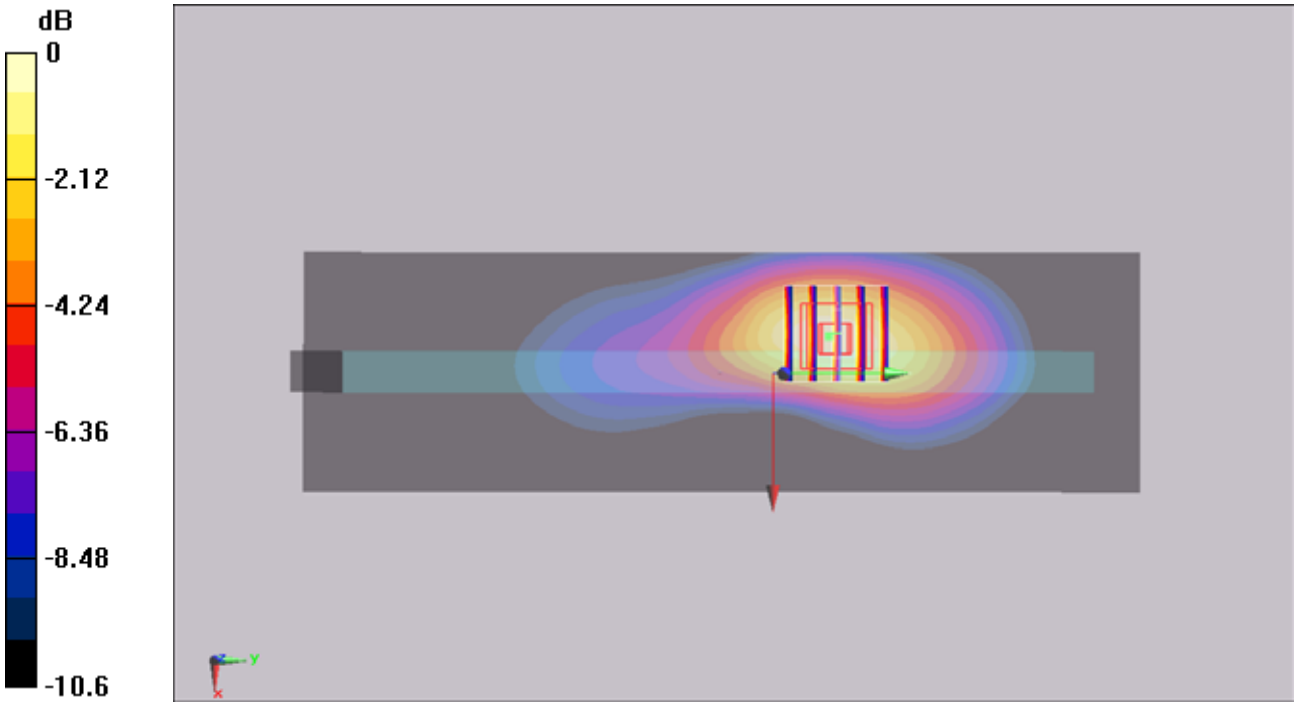
**DUT: 132945**

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_110611 Medium parameters used: f = 710 MHz; $\sigma$ = 0.943 mho/m; $\varepsilon_r$ = 55.6; $\rho$ = 1000 kg/$m^3$
Ambient Temperature：22.3 ℃； Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch710/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.316 mW/g

**Ch710/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.3 V/m; Power Drift = 0.157 dB
Peak SAR (extrapolated) = 0.438 W/kg
**SAR(1 g) = 0.293 mW/g; SAR(10 g) = 0.189 mW/g**
Maximum value of SAR (measured) = 0.317 mW/g




0 dB = 0.317mW/g

**#43 LTE Band 17_16QAM(1-49)_Rear Face _1cm_Ch23790_Earphone**

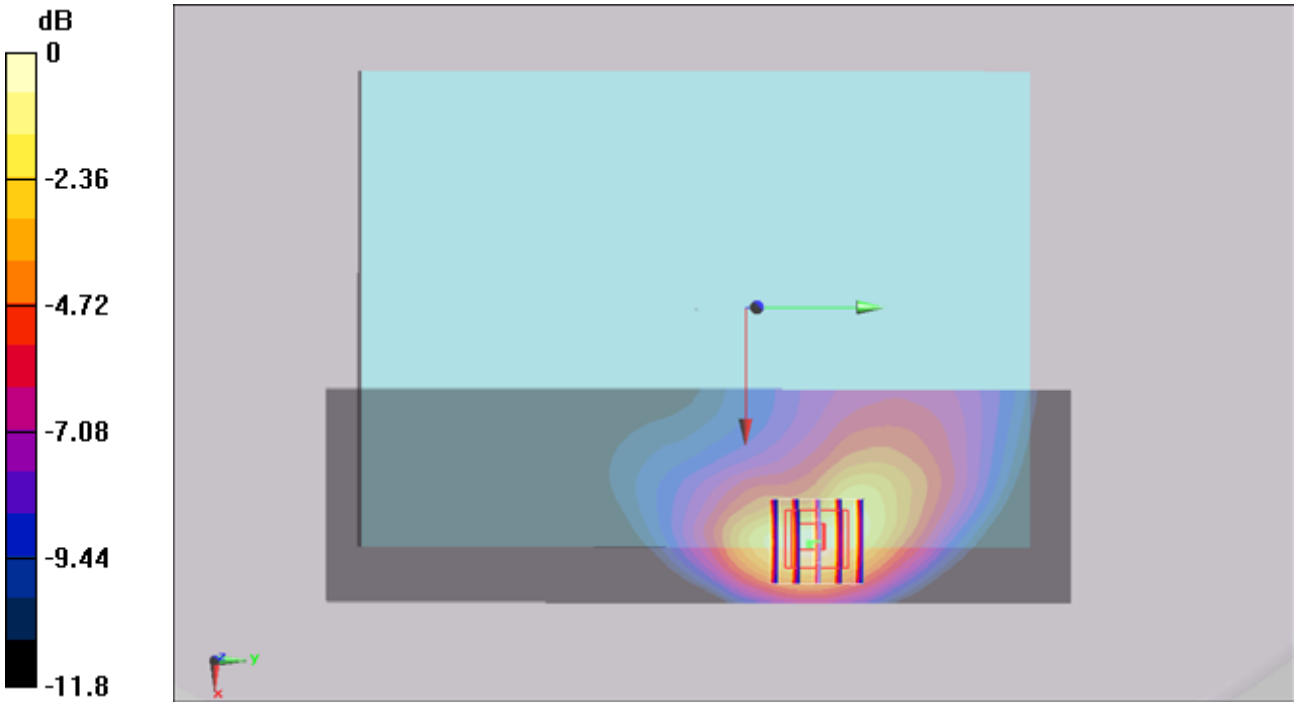
**DUT: 132945**

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_110611 Medium parameters used: f = 710 MHz; $\sigma$ = 0.943 mho/m; $\varepsilon_r$ = 55.6; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.3 ℃； Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch710/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.353 mW/g

**Ch710/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.68 V/m; Power Drift = 0.186 dB
Peak SAR (extrapolated) = 0.529 W/kg
**SAR(1 g) = 0.339 mW/g; SAR(10 g) = 0.211 mW/g**
Maximum value of SAR (measured) = 0.365 mW/g




0 dB = 0.365mW/g

**#44 LTE Band 17_16QAM(1-49)_Secondary Landscape_1cm_Ch23790**

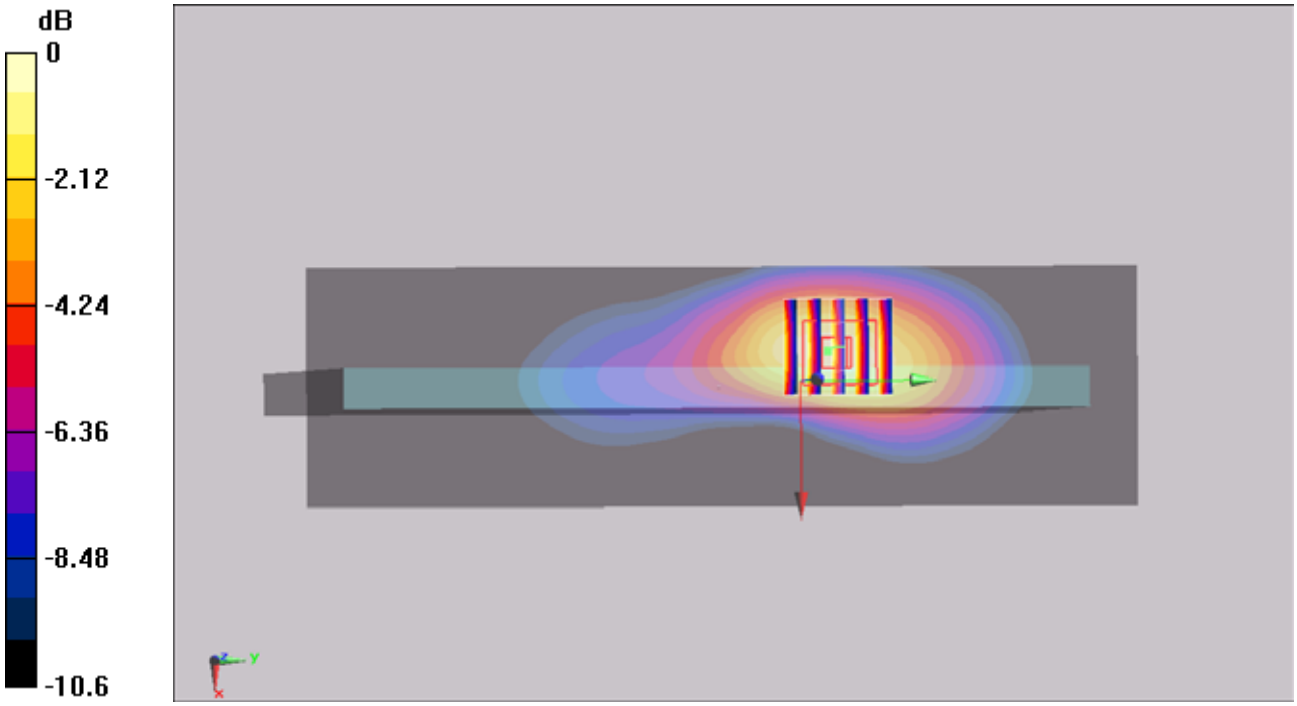
**DUT: 132945**

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_110611 Medium parameters used: f = 710 MHz; $\sigma$ = 0.943 mho/m; $\varepsilon_r$ = 55.6; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch710/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.319 mW/g

**Ch710/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.2 V/m; Power Drift = 0.123 dB
Peak SAR (extrapolated) = 0.443 W/kg
**SAR(1 g) = 0.296 mW/g; SAR(10 g) = 0.191 mW/g**
Maximum value of SAR (measured) = 0.320 mW/g




0 dB = 0.320mW/g

**#48 LTE Band 4_QPSK(25-13)_Rear Face _1cm_Ch20175_Earphone**

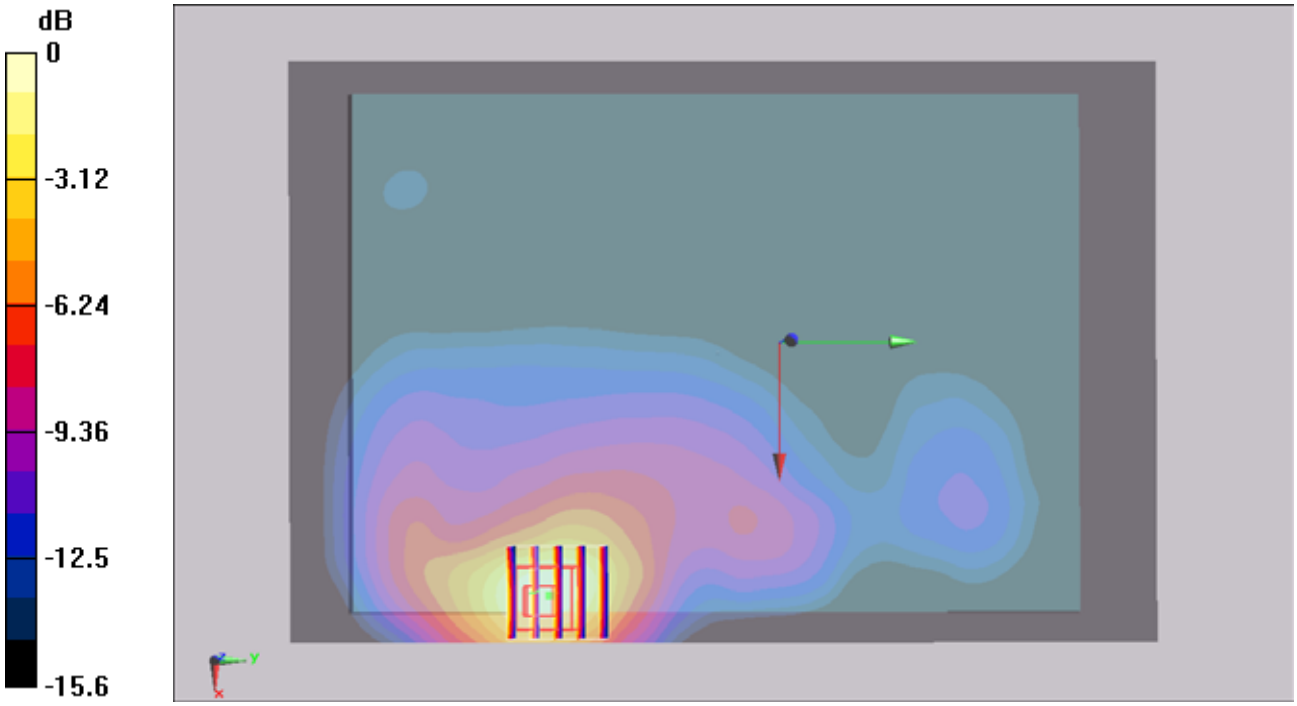
**DUT: 132945**

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110611 Medium parameters used: f = 1732.5 MHz; $\sigma$ = 1.49 mho/m; $\varepsilon_r$ = 52.5; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch1732.5/Area Scan (101x151x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.641 mW/g

**Ch1732.5/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.05 V/m; Power Drift = 0.132 dB
Peak SAR (extrapolated) = 1.04 W/kg
**SAR(1 g) = 0.630 mW/g; SAR(10 g) = 0.366 mW/g**
Maximum value of SAR (measured) = 0.668 mW/g




0 dB = 0.668mW/g

**#49 LTE Band 4_QPSK(25-13)_Secondary Landscape_1cm_Ch20175**

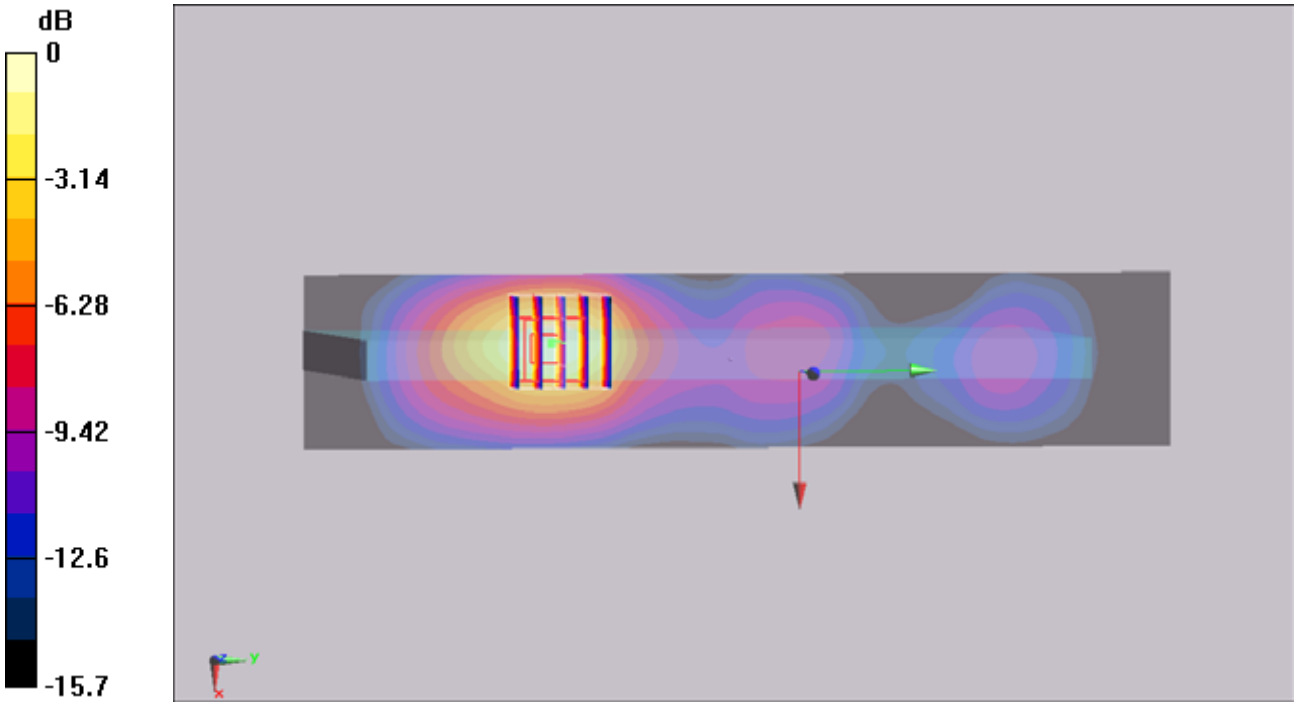
**DUT: 132945**

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110611 Medium parameters used: f = 1732.5 MHz; $\sigma$ = 1.49 mho/m; $\varepsilon_r$ = 52.5; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch1732.5/Area Scan (31x151x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.964 mW/g

**Ch1732.5/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.85 V/m; Power Drift = 0.085 dB
Peak SAR (extrapolated) = 1.52 W/kg
**SAR(1 g) = 0.927 mW/g; SAR(10 g) = 0.529 mW/g**
Maximum value of SAR (measured) = 0.975 mW/g




0 dB = 0.975mW/g

**#50 LTE Band 4_QPSK(25-13)_Secondary Portrait_0cm_Ch20175_Earphone**

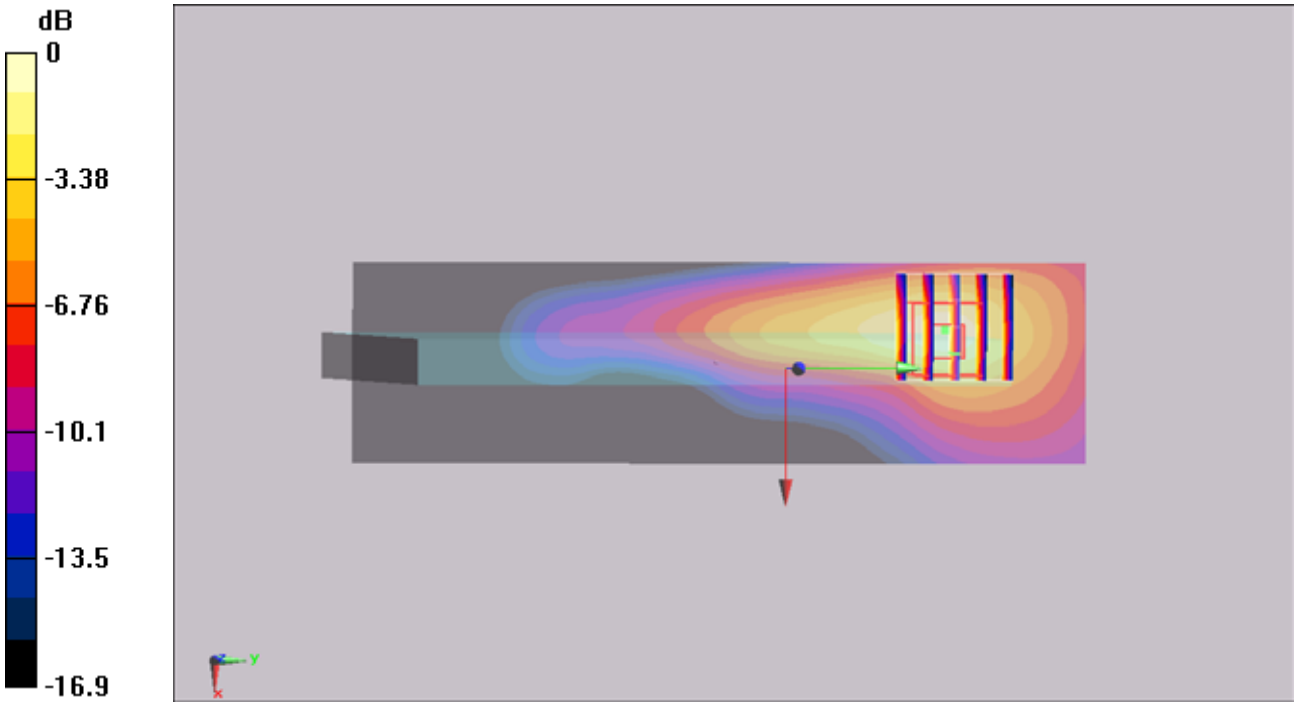
**DUT: 132945**

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110611 Medium parameters used: f = 1732.5 MHz; $\sigma$ = 1.49 mho/m; $\varepsilon_r$ = 52.5; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch1732.5/Area Scan (31x111x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.435 mW/g

**Ch1732.5/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.2 V/m; Power Drift = 0.147 dB
Peak SAR (extrapolated) = 0.819 W/kg
**SAR(1 g) = 0.428 mW/g; SAR(10 g) = 0.219 mW/g**
Maximum value of SAR (measured) = 0.452 mW/g




0 dB = 0.452mW/g

**#72 LTE Band 4_QPSK(25-13)_Secondary Landscape_1cm_Ch20000**

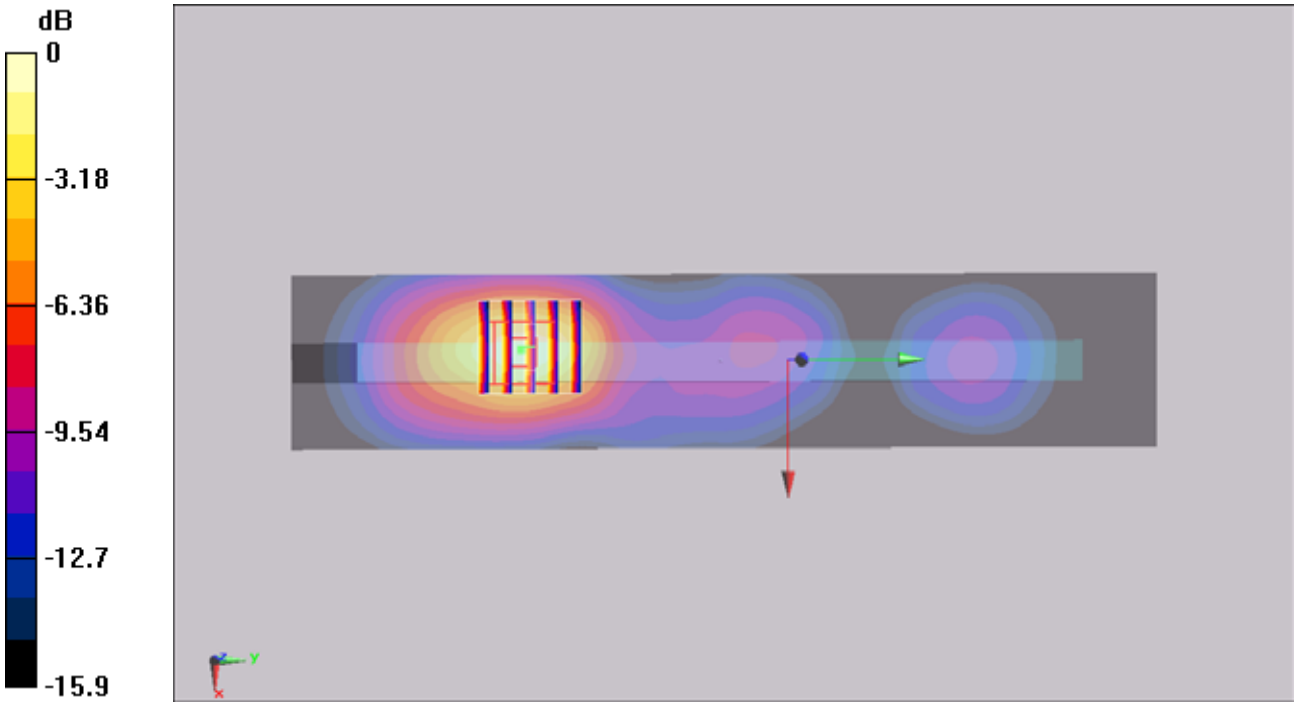
**DUT: 132945**

Communication System: LTE; Frequency: 1715 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110611 Medium parameters used: f = 1715 MHz; $\sigma$ = 1.47 mho/m; $\varepsilon_r$ = 52.5; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch20000/Area Scan (31x151x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.920 mW/g

**Ch20000/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.7 V/m; Power Drift = -0.089 dB
Peak SAR (extrapolated) = 1.45 W/kg
**SAR(1 g) = 0.881 mW/g; SAR(10 g) = 0.495 mW/g**
Maximum value of SAR (measured) = 0.954 mW/g




0 dB = 0.954mW/g

**#73 LTE Band 4_QPSK(25-13)_Secondary Landscape_1cm_Ch20350**

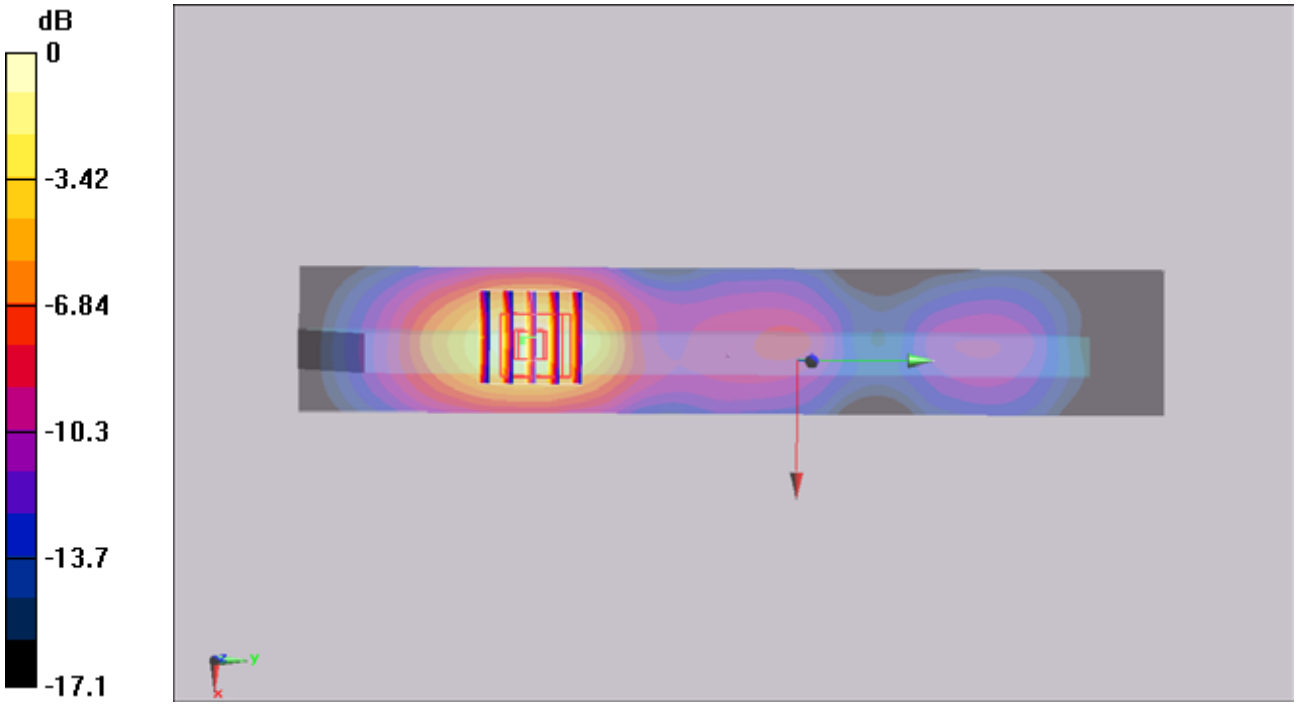
**DUT: 132945**

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110611 Medium parameters used: f = 1750 MHz; $\sigma$ = 1.51 mho/m; $\varepsilon_r$ = 52.4; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch20350/Area Scan (31x151x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.07 mW/g

**Ch20350/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.28 V/m; Power Drift = 0.079 dB
Peak SAR (extrapolated) = 1.67 W/kg
**SAR(1 g) = 0.997 mW/g; SAR(10 g) = 0.558 mW/g**
Maximum value of SAR (measured) = 1.07 mW/g




0 dB = 1.07mW/g

**#52 LTE Band 4_QPSK(1-0)_Rear Face _1cm_Ch20175_Earphone**

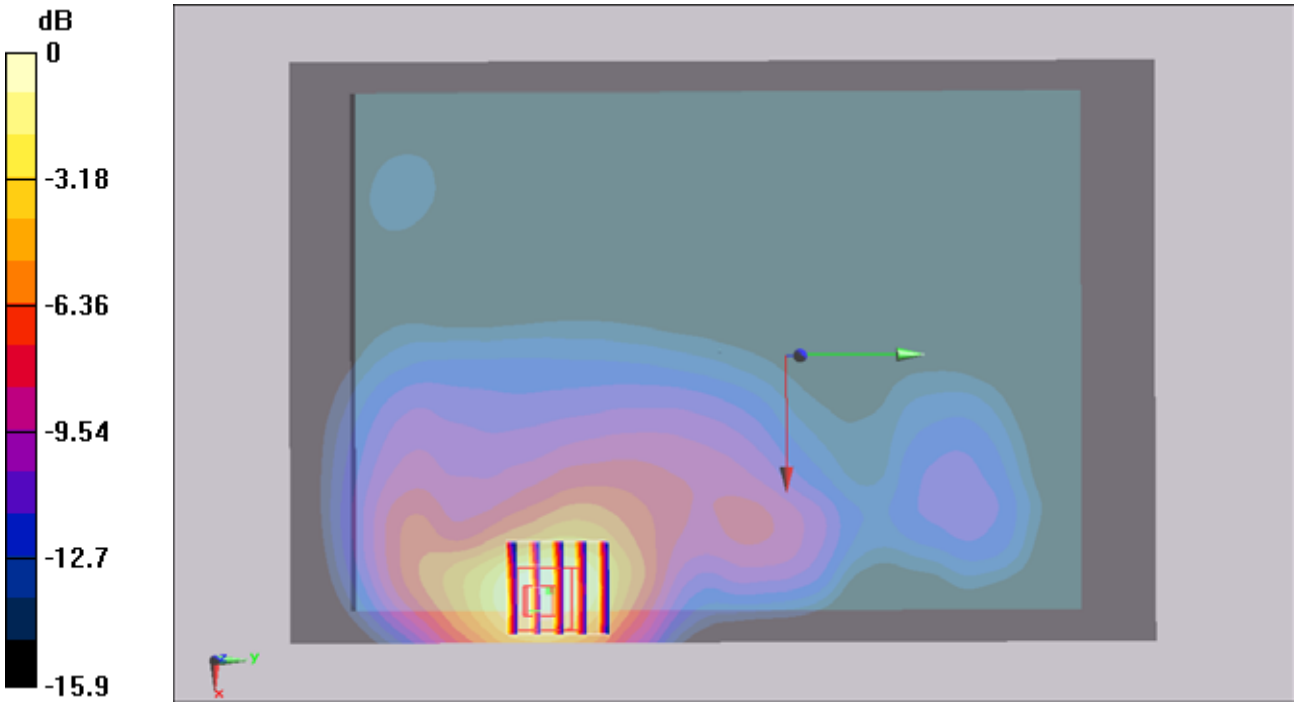
**DUT: 132945**

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110611 Medium parameters used: f = 1732.5 MHz; $\sigma$ = 1.49 mho/m; $\varepsilon_r$ = 52.5; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch20175/Area Scan (101x151x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.670 mW/g

**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.18 V/m; Power Drift = -0.012 dB
Peak SAR (extrapolated) = 1.05 W/kg
**SAR(1 g) = 0.646 mW/g; SAR(10 g) = 0.377 mW/g**
Maximum value of SAR (measured) = 0.669 mW/g




0 dB = 0.669mW/g

**#53 LTE Band 4_QPSK(1-0)_Secondary Landscape_1cm_Ch20350**

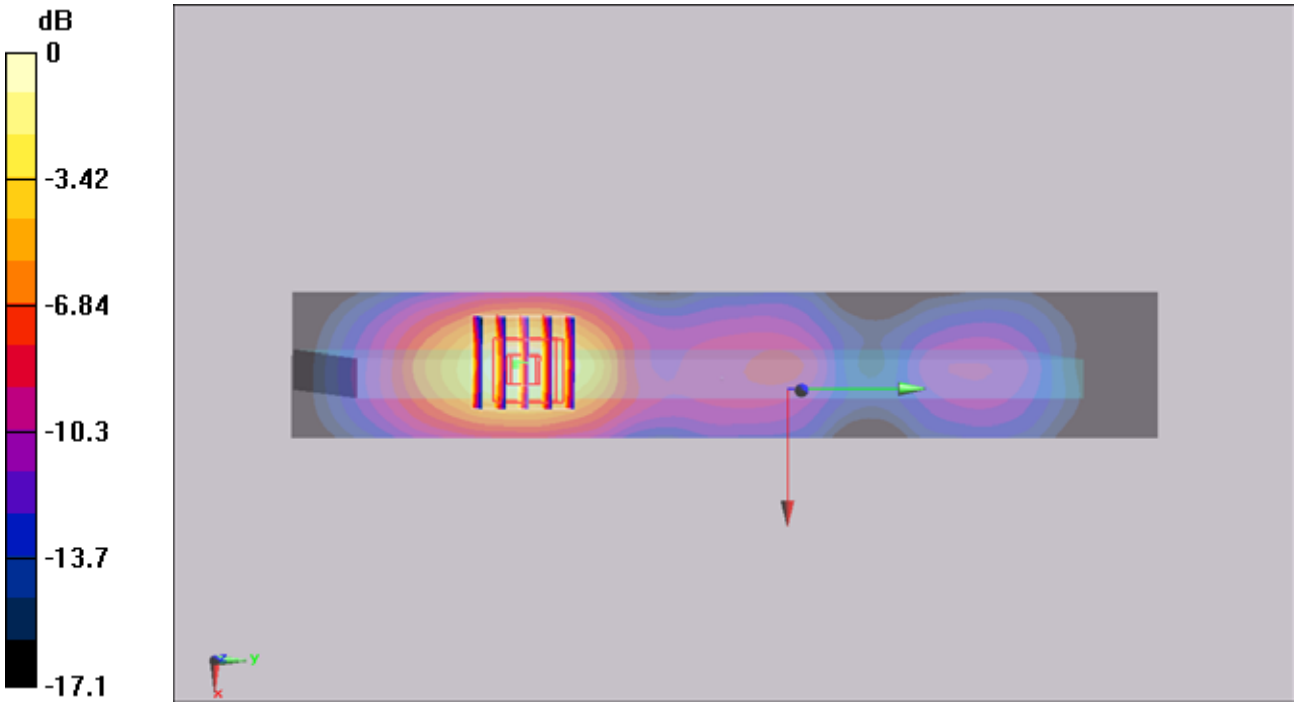
**DUT: 132945**

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110611 Medium parameters used: f = 1750 MHz; $\sigma$ = 1.51 mho/m; $\varepsilon_r$ = 52.4; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch20350/Area Scan (31x151x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.11 mW/g

**Ch20350/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.48 V/m; Power Drift = -0.011 dB
Peak SAR (extrapolated) = 1.73 W/kg
**SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.580 mW/g**
Maximum value of SAR (measured) = 1.1 mW/g




0 dB = 1.1mW/g

**#53 LTE Band 4_QPSK(1-0)_Secondary Landscape_1cm_Ch20350_2D**

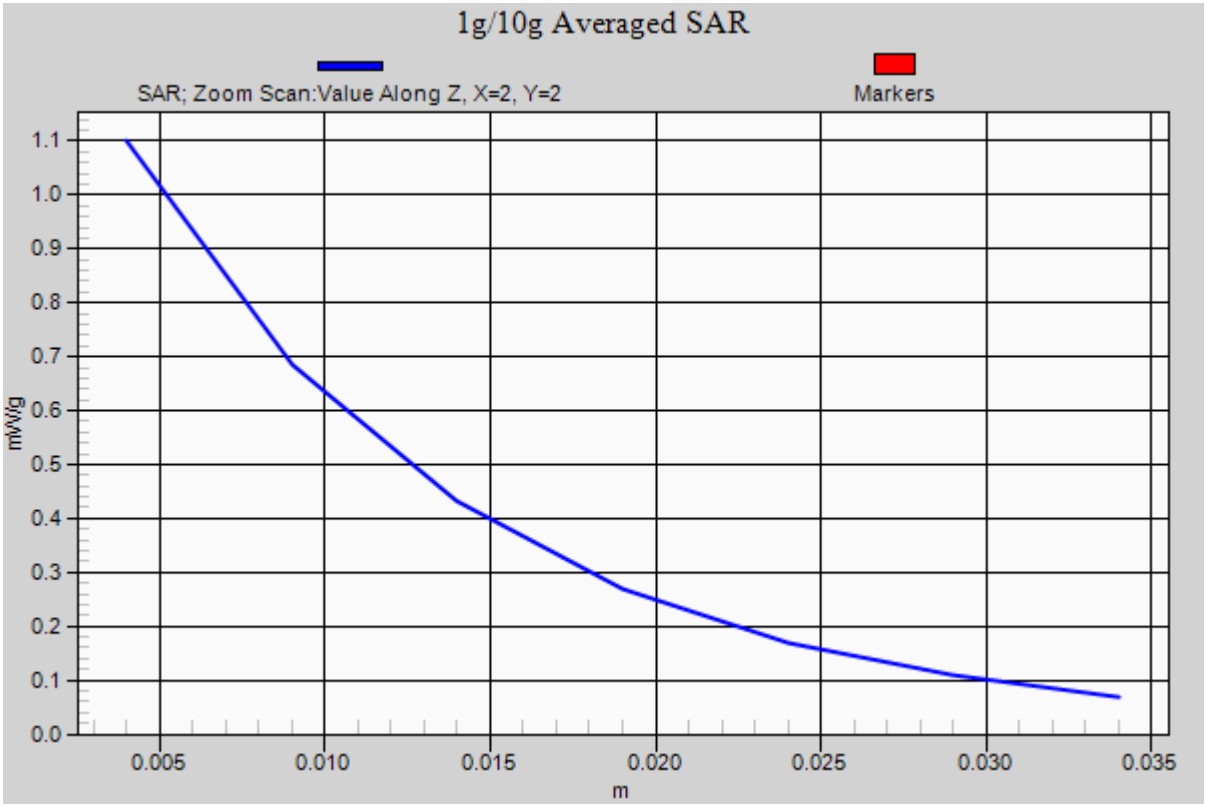
**DUT: 132945**

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110611 Medium parameters used: f = 1750 MHz; $\sigma$ = 1.51 mho/m; $\varepsilon_r$ = 52.4; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch20350/Area Scan (31x151x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.11 mW/g

**Ch20350/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.48 V/m; Power Drift = -0.011 dB
Peak SAR (extrapolated) = 1.73 W/kg
**SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.580 mW/g**
Maximum value of SAR (measured) = 1.1 mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=2
Markers
mW/g
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

**#54 LTE Band 4_QPSK(1-0)_Secondary Portrait_0cm_Ch20175_Earphone**

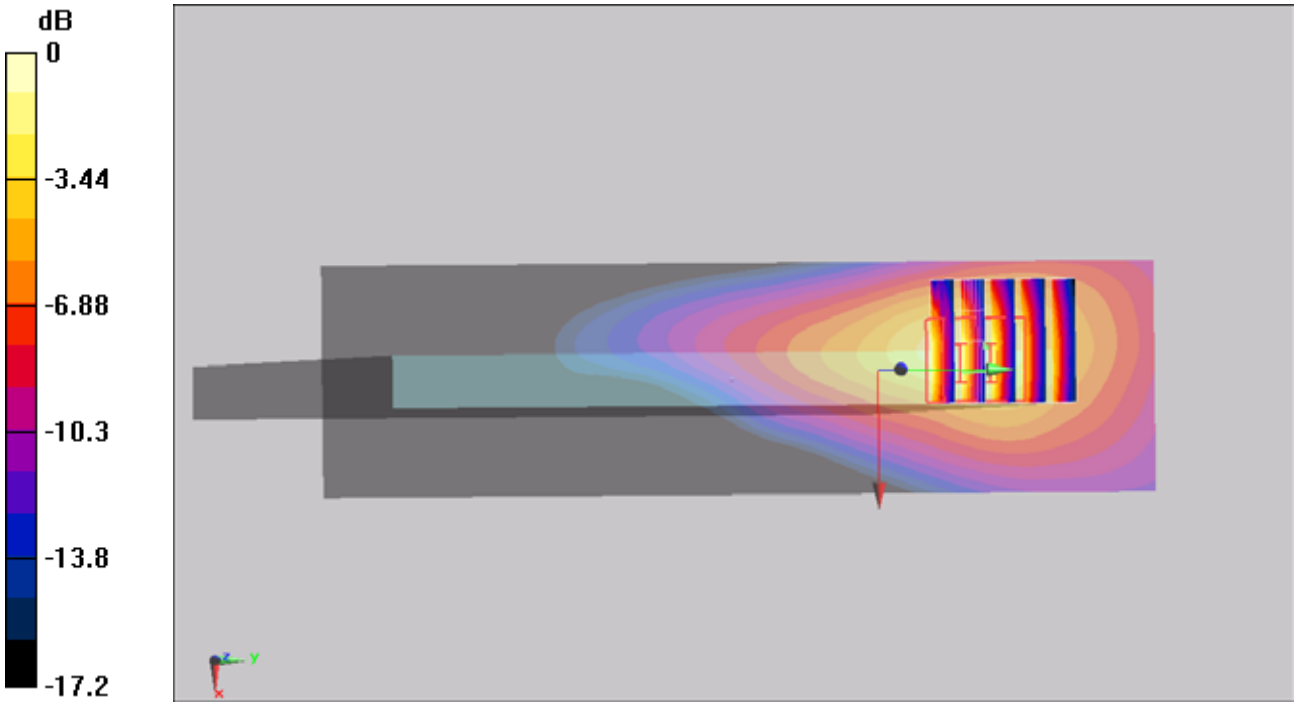
**DUT: 132945**

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110611 Medium parameters used: f = 1732.5 MHz; $\sigma$ = 1.49 mho/m; $\varepsilon_r$ = 52.5; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch20175/Area Scan (31x111x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.380 mW/g

**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.54 V/m; Power Drift = 0.077 dB
Peak SAR (extrapolated) = 0.889 W/kg
**SAR(1 g) = 0.460 mW/g; SAR(10 g) = 0.235 mW/g**
Maximum value of SAR (measured) = 0.502 mW/g




0 dB = 0.502mW/g

**#56 LTE Band 4_QPSK(1-49)_Rear Face _1cm_Ch20175_Earphone**

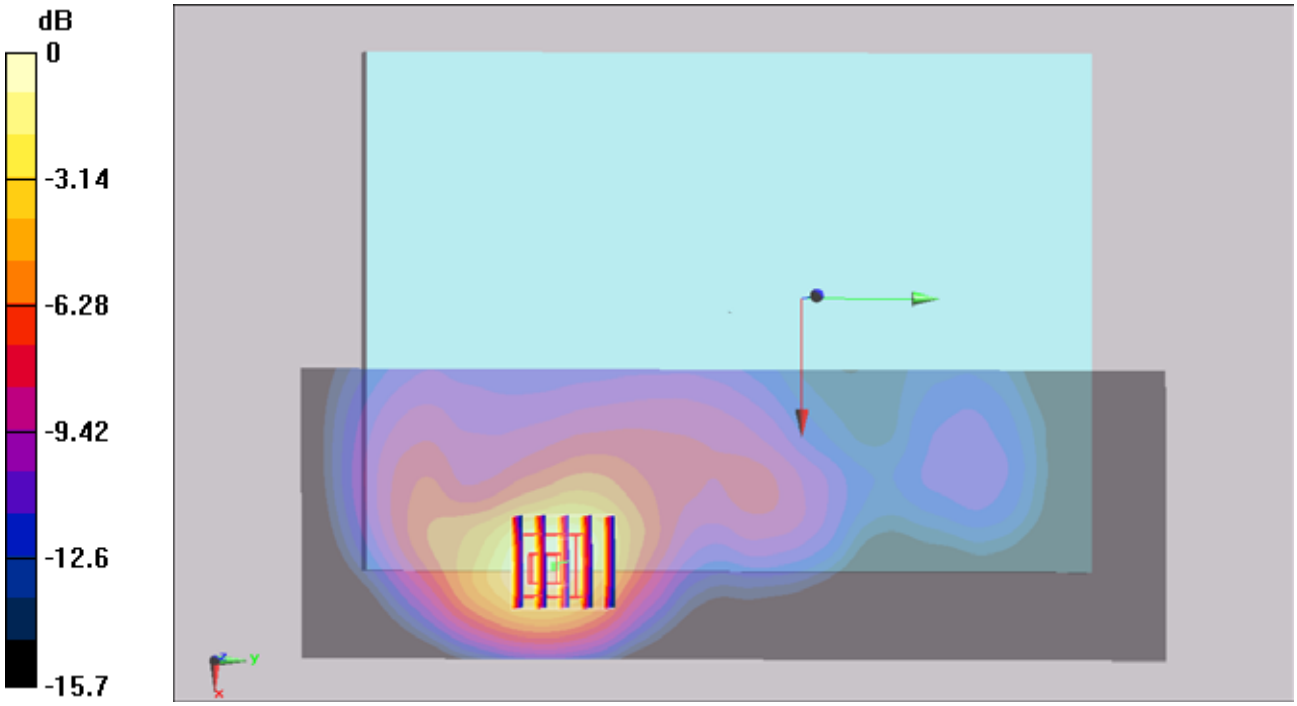
**DUT: 132945**

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110611 Medium parameters used: f = 1732.5 MHz; $\sigma$ = 1.49 mho/m; $\varepsilon_r$ = 52.5; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch20175/Area Scan (51x151x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.604 mW/g

**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.96 V/m; Power Drift = 0.181 dB
Peak SAR (extrapolated) = 0.942 W/kg
**SAR(1 g) = 0.582 mW/g; SAR(10 g) = 0.341 mW/g**
Maximum value of SAR (measured) = 0.628 mW/g




0 dB = 0.628mW/g

**#57 LTE Band 4_QPSK(1-49)_Secondary Landscape_1cm_Ch20350**

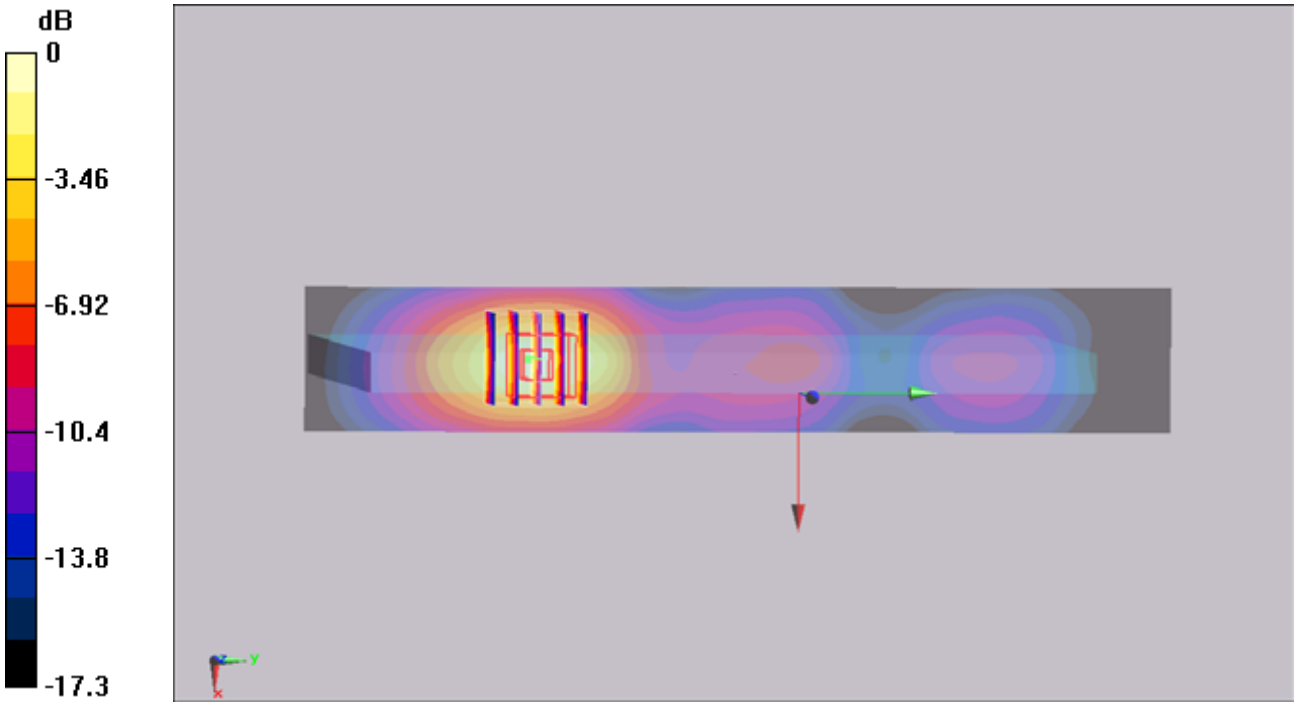
**DUT: 132945**

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110611 Medium parameters used: f = 1750 MHz; $\sigma$ = 1.51 mho/m; $\varepsilon_r$ = 52.4; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch20350/Area Scan (31x151x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.09 mW/g

**Ch20350/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.39 V/m; Power Drift = 0.059 dB
Peak SAR (extrapolated) = 1.72 W/kg
**SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.572 mW/g**
Maximum value of SAR (measured) = 1.1 mW/g




0 dB = 1.1mW/g

**#58 LTE Band 4_QPSK(1-49)_Secondary Portrait_0cm_Ch20175_Earphone**

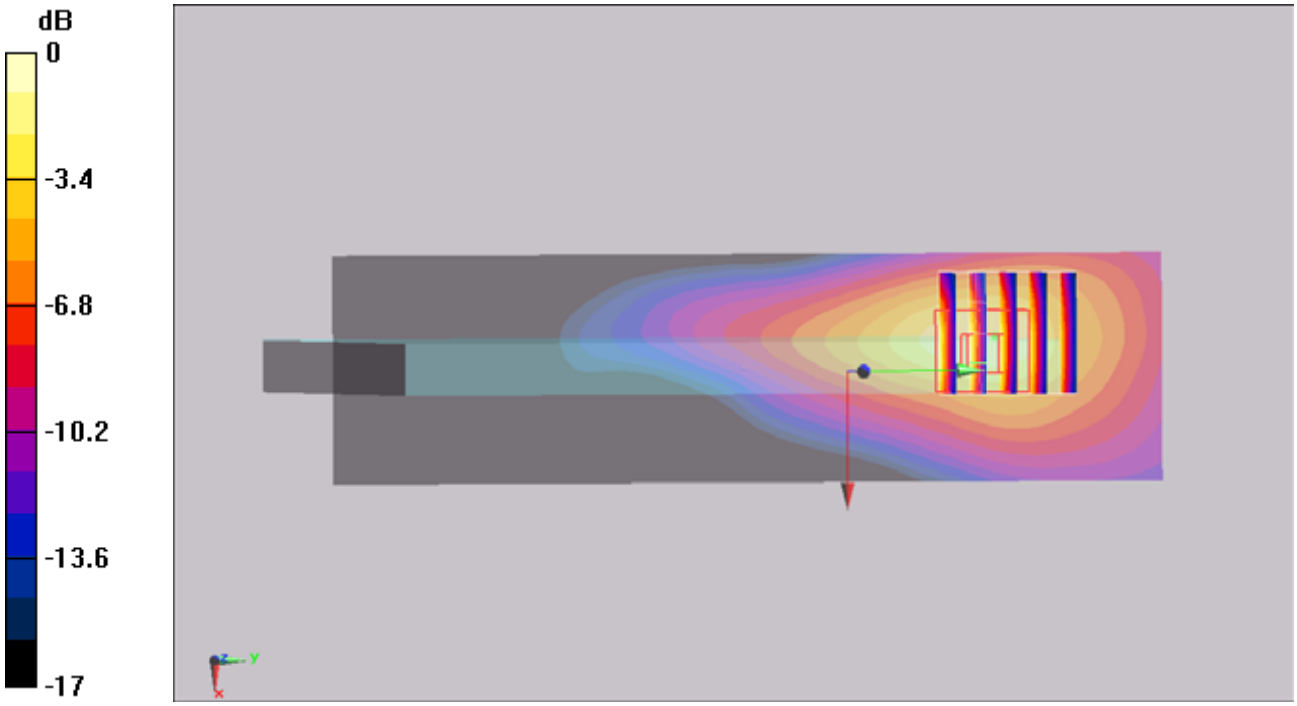
**DUT: 132945**

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110611 Medium parameters used: f = 1732.5 MHz; $\sigma$ = 1.49 mho/m; $\varepsilon_r$ = 52.5; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch20175/Area Scan (31x111x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.392 mW/g

**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.31 V/m; Power Drift = 0.130 dB
Peak SAR (extrapolated) = 0.906 W/kg
**SAR(1 g) = 0.466 mW/g; SAR(10 g) = 0.237 mW/g**
Maximum value of SAR (measured) = 0.506 mW/g




0 dB = 0.506mW/g

**#60 LTE Band 4_16QAM(25-13)_Rear Face _1cm_Ch20175_Earphone**

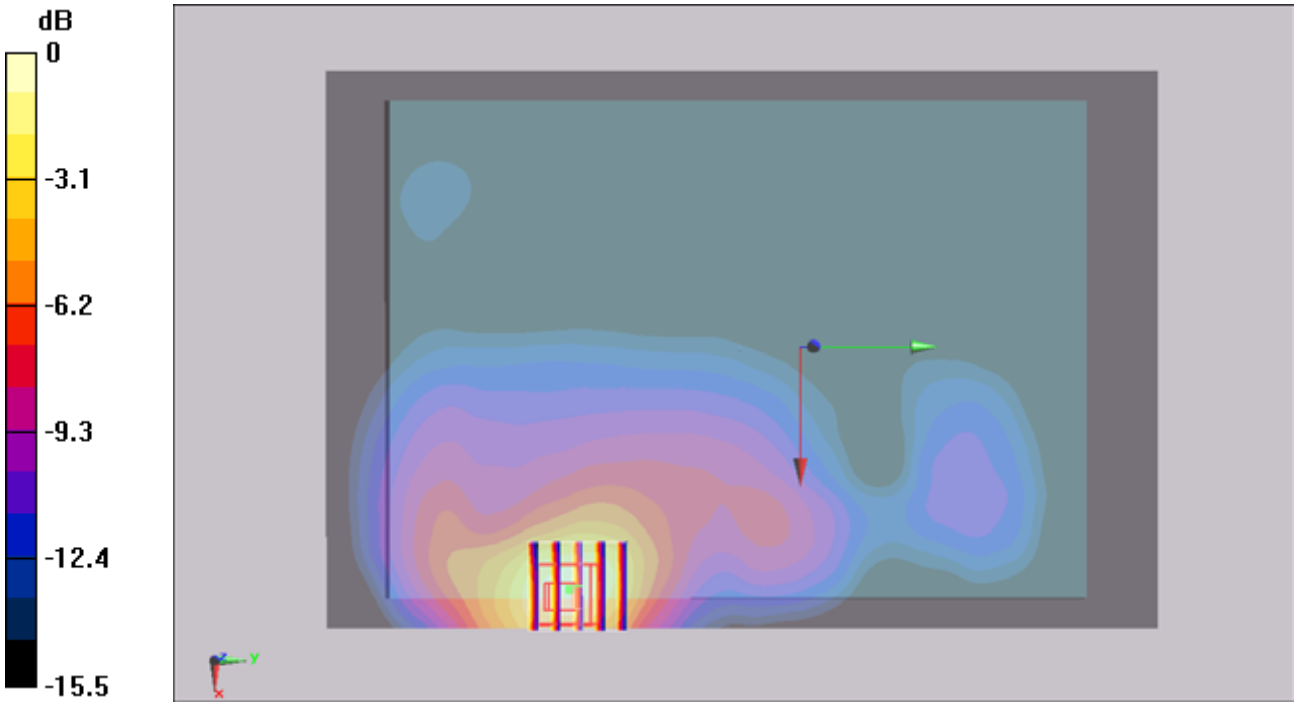
**DUT: 132945**

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110611 Medium parameters used: f = 1732.5 MHz; $\sigma$ = 1.49 mho/m; $\varepsilon_r$ = 52.5; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch20175/Area Scan (101x151x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.547 mW/g

**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.85 V/m; Power Drift = 0.104 dB
Peak SAR (extrapolated) = 0.914 W/kg
**SAR(1 g) = 0.563 mW/g; SAR(10 g) = 0.330 mW/g**
Maximum value of SAR (measured) = 0.586 mW/g




0 dB = 0.586mW/g

**#61 LTE Band 4_16QAM(25-13)_Secondary Landscape_1cm_Ch20350**

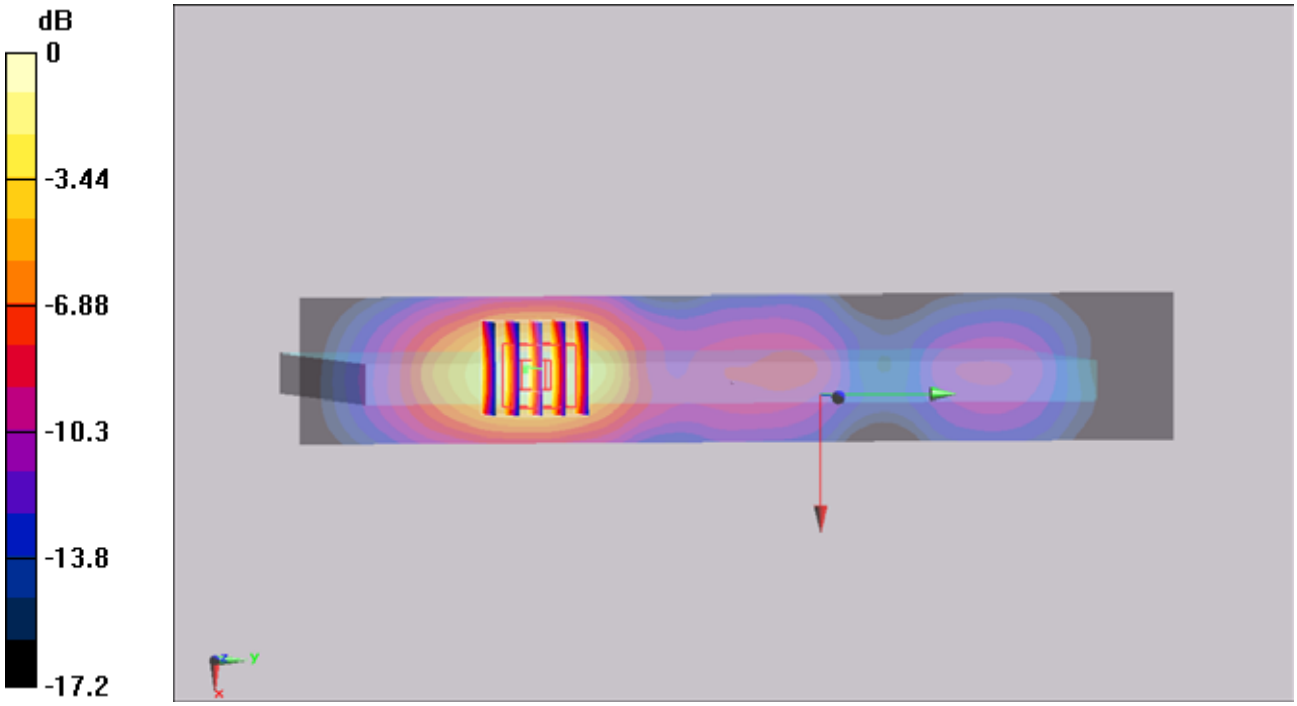
**DUT: 132945**

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110611 Medium parameters used: f = 1750 MHz; $\sigma$ = 1.51 mho/m; $\varepsilon_r$ = 52.4; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch20350/Area Scan (31x151x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.06 mW/g

**Ch20350/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.25 V/m; Power Drift = 0.059 dB
Peak SAR (extrapolated) = 1.64 W/kg
**SAR(1 g) = 0.986 mW/g; SAR(10 g) = 0.554 mW/g**
Maximum value of SAR (measured) = 1.05 mW/g




0 dB = 1.05mW/g

**#62 LTE Band 4_16QAM(25-13)_Secondary Portrait_0cm_Ch20175_Earphone**

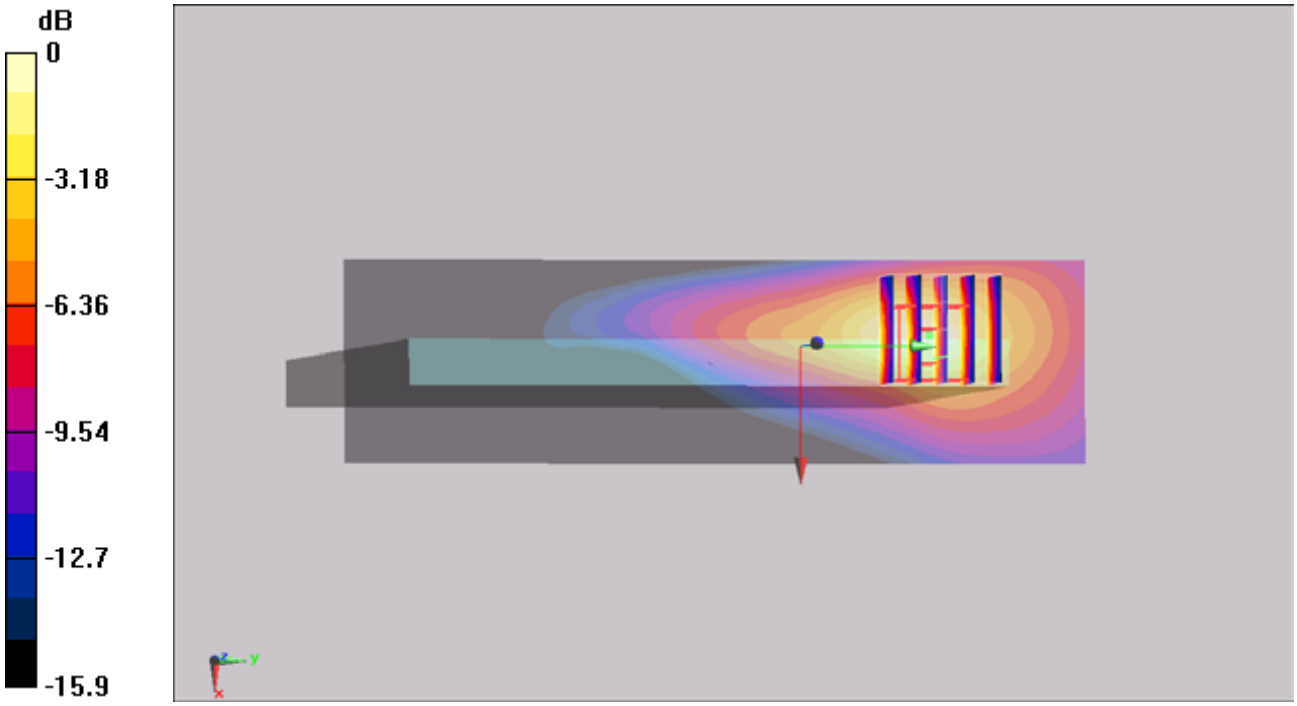
**DUT: 132945**

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110611 Medium parameters used: f = 1732.5 MHz; $\sigma$ = 1.49 mho/m; $\varepsilon_r$ = 52.5; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch20175/Area Scan (31x111x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.410 mW/g

**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.76 V/m; Power Drift = 0.146 dB
Peak SAR (extrapolated) = 0.857 W/kg
**SAR(1 g) = 0.441 mW/g; SAR(10 g) = 0.225 mW/g**
Maximum value of SAR (measured) = 0.476 mW/g




0 dB = 0.476mW/g

**#64 LTE Band 4_16QAM(1-0)_Rear Face _1cm_Ch20175_Earphone**

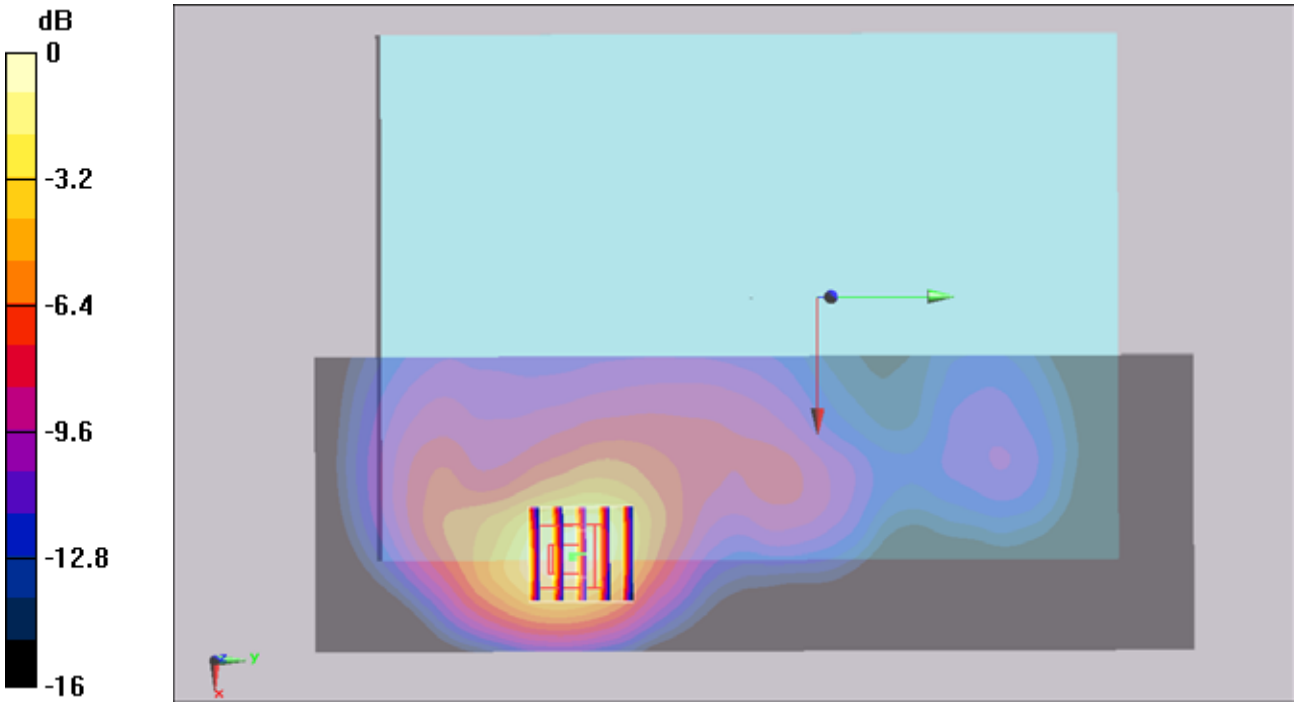
**DUT: 132945**

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110611 Medium parameters used: f = 1732.5 MHz; $\sigma$ = 1.49 mho/m; $\varepsilon_r$ = 52.5; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch20175/Area Scan (51x151x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.584 mW/g

**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.84 V/m; Power Drift = 0.151 dB
Peak SAR (extrapolated) = 0.957 W/kg
**SAR(1 g) = 0.578 mW/g; SAR(10 g) = 0.338 mW/g**
Maximum value of SAR (measured) = 0.627 mW/g




0 dB = 0.627mW/g

**#65 LTE Band 4_16QAM(1-0)_Secondary Landscape_1cm_Ch20350**

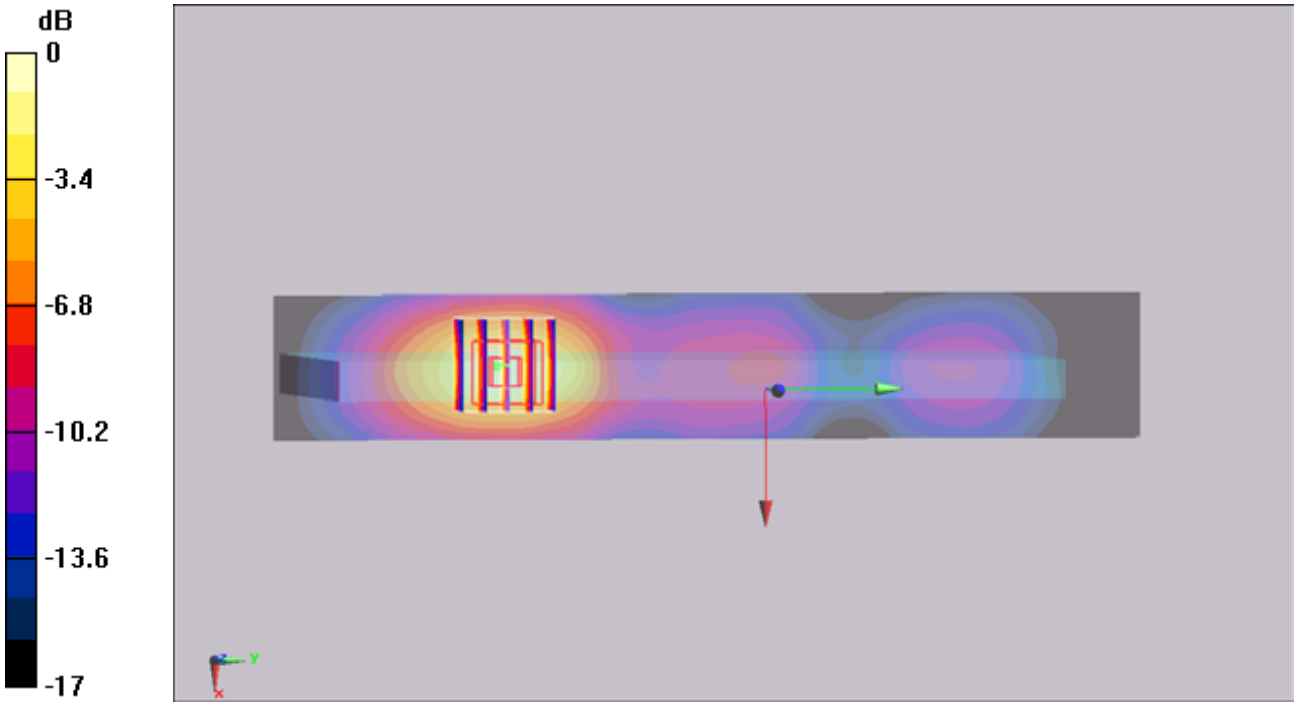
**DUT: 132945**

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110611 Medium parameters used: f = 1750 MHz; $\sigma$ = 1.51 mho/m; $\varepsilon_r$ = 52.4; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.6 ℃； Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch20350/Area Scan (31x151x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.09 mW/g

**Ch20350/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.39 V/m; Power Drift = 0.076 dB
Peak SAR (extrapolated) = 1.7 W/kg
**SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.570 mW/g**
Maximum value of SAR (measured) = 1.08 mW/g




0 dB = 1.08mW/g

**#65 LTE Band 4_16QAM(1-0)_Secondary Landscape_1cm_Ch20350_2D**

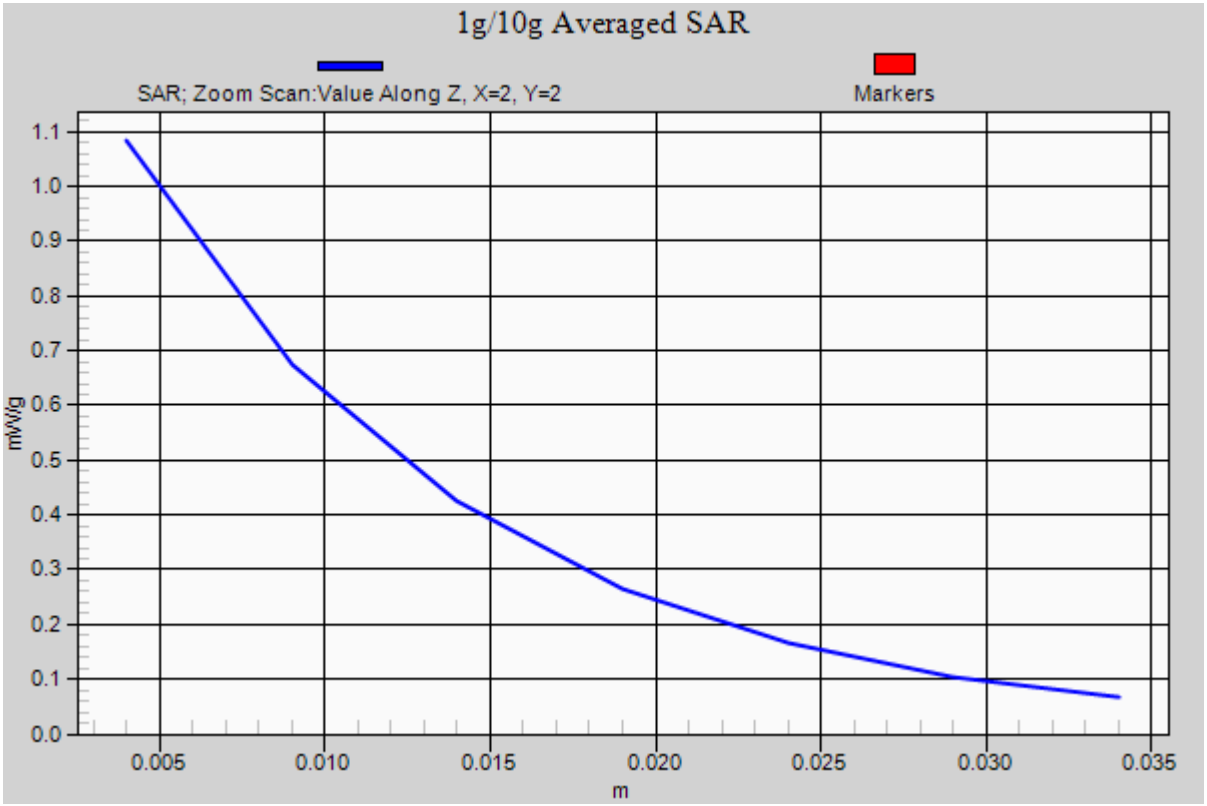
**DUT: 132945**

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110611 Medium parameters used: f = 1750 MHz; $\sigma$ = 1.51 mho/m; $\varepsilon_r$ = 52.4; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.6 ℃； Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch20350/Area Scan (31x151x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.09 mW/g

**Ch20350/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.39 V/m; Power Drift = 0.076 dB
Peak SAR (extrapolated) = 1.7 W/kg
**SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.570 mW/g**
Maximum value of SAR (measured) = 1.08 mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=2
Markers
mW/g
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

**#66 LTE Band 4_16QAM(1-0)_Secondary Portrait_0cm_Ch20175_Earphone**

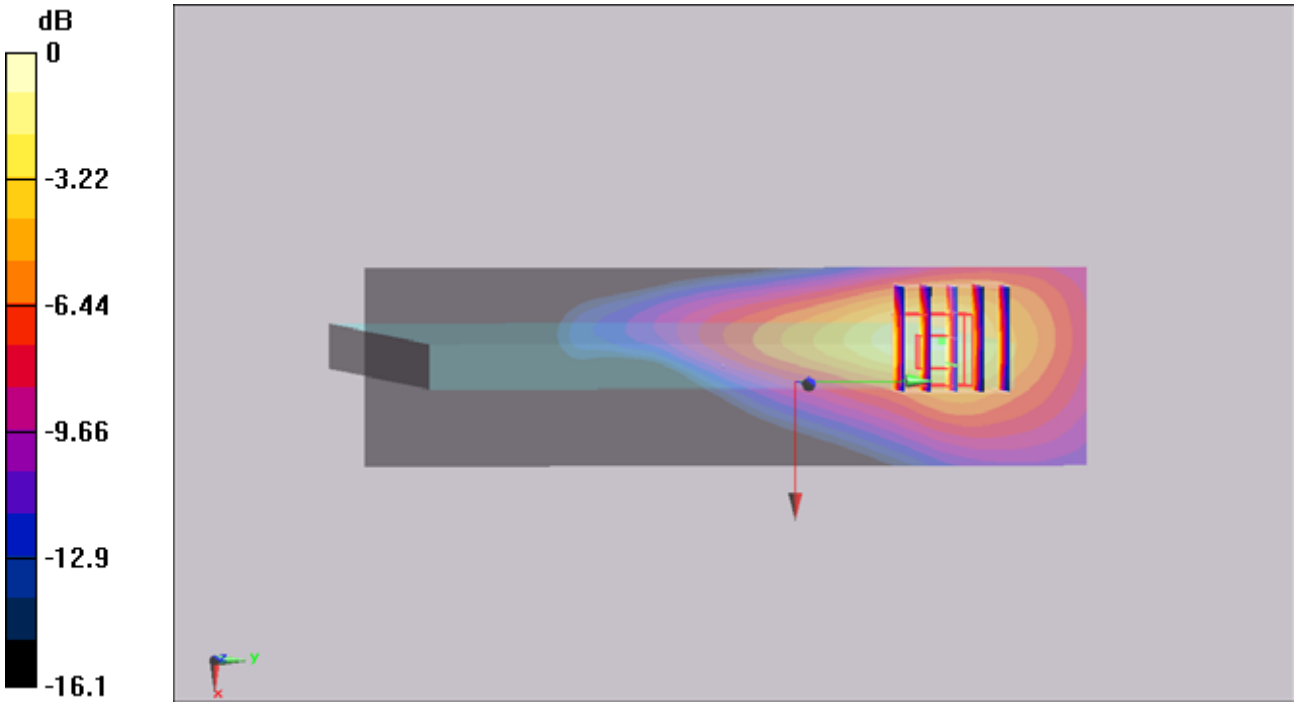
**DUT: 132945**

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110611 Medium parameters used: f = 1732.5 MHz; $\sigma$ = 1.49 mho/m; $\varepsilon_r$ = 52.5; $\rho$ = 1000 kg/$m^3$
Ambient Temperature：22.6 ℃； Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch20175/Area Scan (31x111x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.398 mW/g

**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.84 V/m; Power Drift = 0.149 dB
Peak SAR (extrapolated) = 0.859 W/kg
**SAR(1 g) = 0.453 mW/g; SAR(10 g) = 0.231 mW/g**
Maximum value of SAR (measured) = 0.477 mW/g




0 dB = 0.477mW/g

**#68 LTE Band 4_16QAM(1-49)_Rear Face _1cm_Ch20175_Earphone**

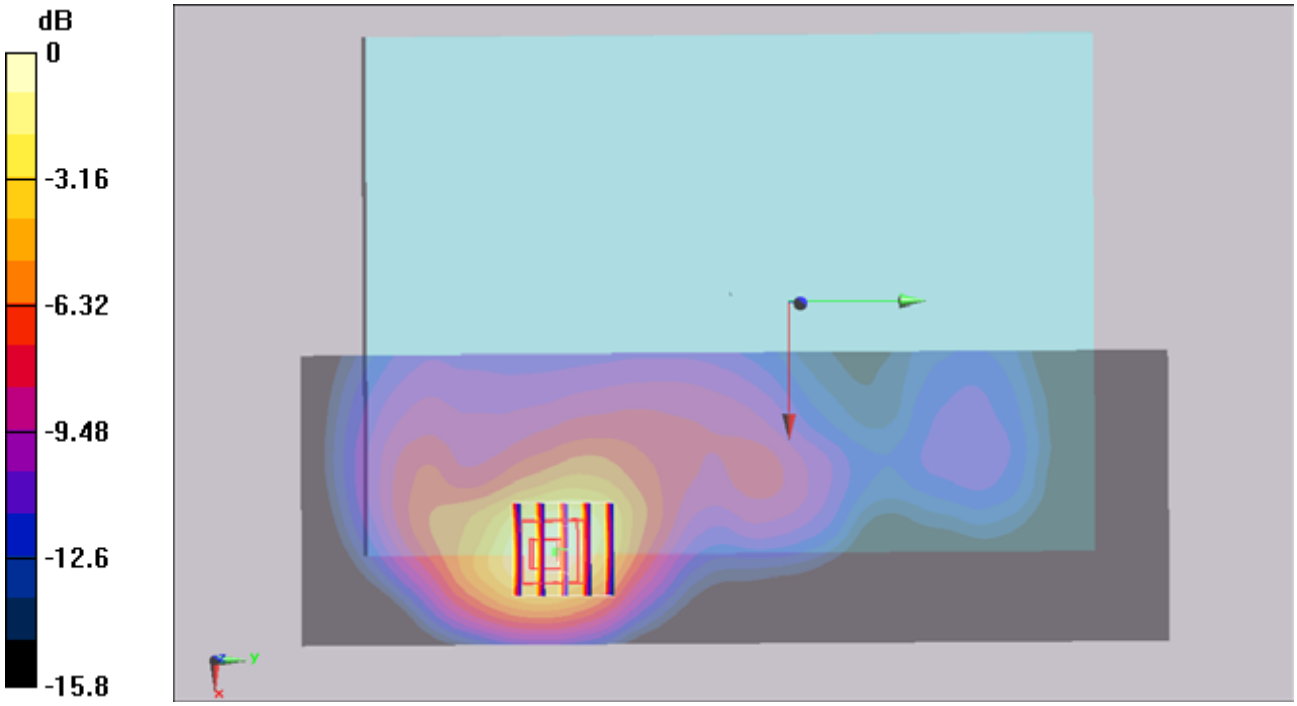
**DUT: 132945**

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110611 Medium parameters used: f = 1732.5 MHz; $\sigma$ = 1.49 mho/m; $\varepsilon_r$ = 52.5; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch20175/Area Scan (51x151x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.593 mW/g

**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.1 V/m; Power Drift = -0.158 dB
Peak SAR (extrapolated) = 0.952 W/kg
**SAR(1 g) = 0.587 mW/g; SAR(10 g) = 0.344 mW/g**
Maximum value of SAR (measured) = 0.633 mW/g




0 dB = 0.633mW/g

**#69 LTE Band 4_16QAM(1-49)_Secondary Landscape_1cm_Ch20350**

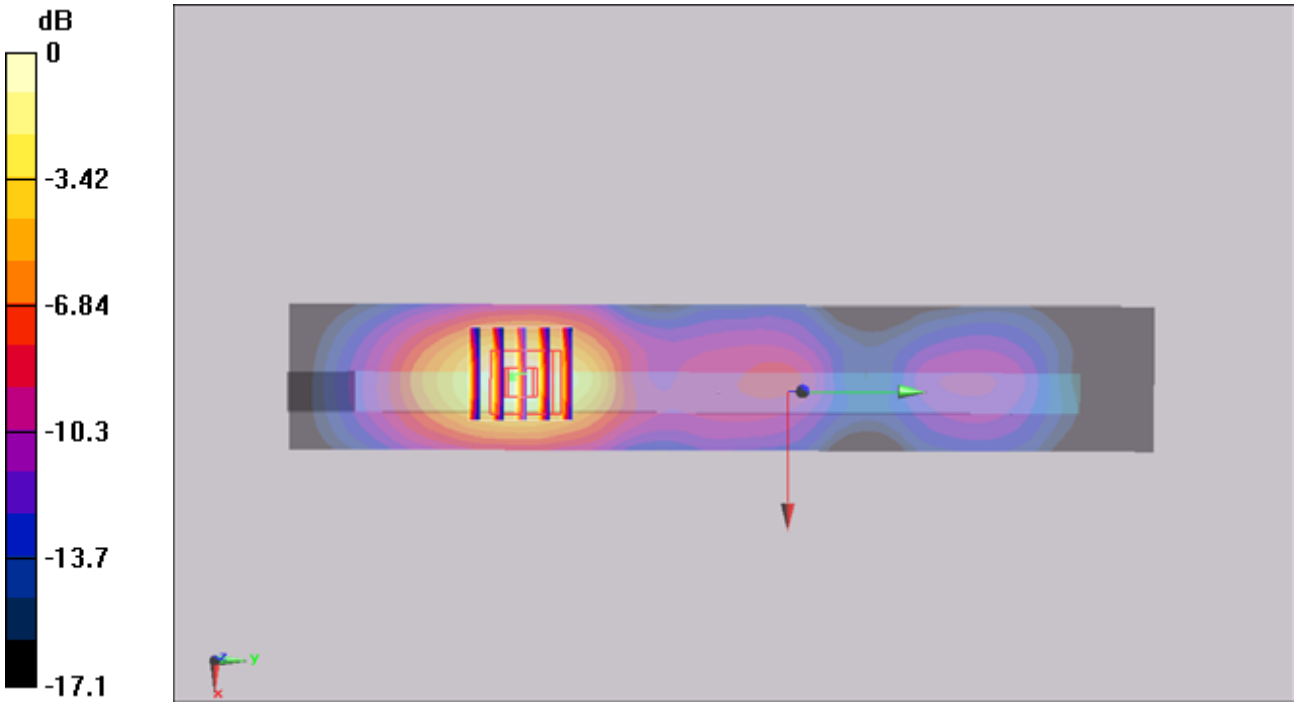
**DUT: 132945**

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110611 Medium parameters used: f = 1750 MHz; $\sigma$ = 1.51 mho/m; $\varepsilon_r$ = 52.4; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.6 ℃； Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch20350/Area Scan (31x151x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.09 mW/g

**Ch20350/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.4 V/m; Power Drift = 0.055 dB
Peak SAR (extrapolated) = 1.69 W/kg
**SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.569 mW/g**
Maximum value of SAR (measured) = 1.08 mW/g




0 dB = 1.08mW/g

**#70 LTE Band 4_16QAM(1-49)_Secondary Portrait_0cm_Ch20175_Earphone**

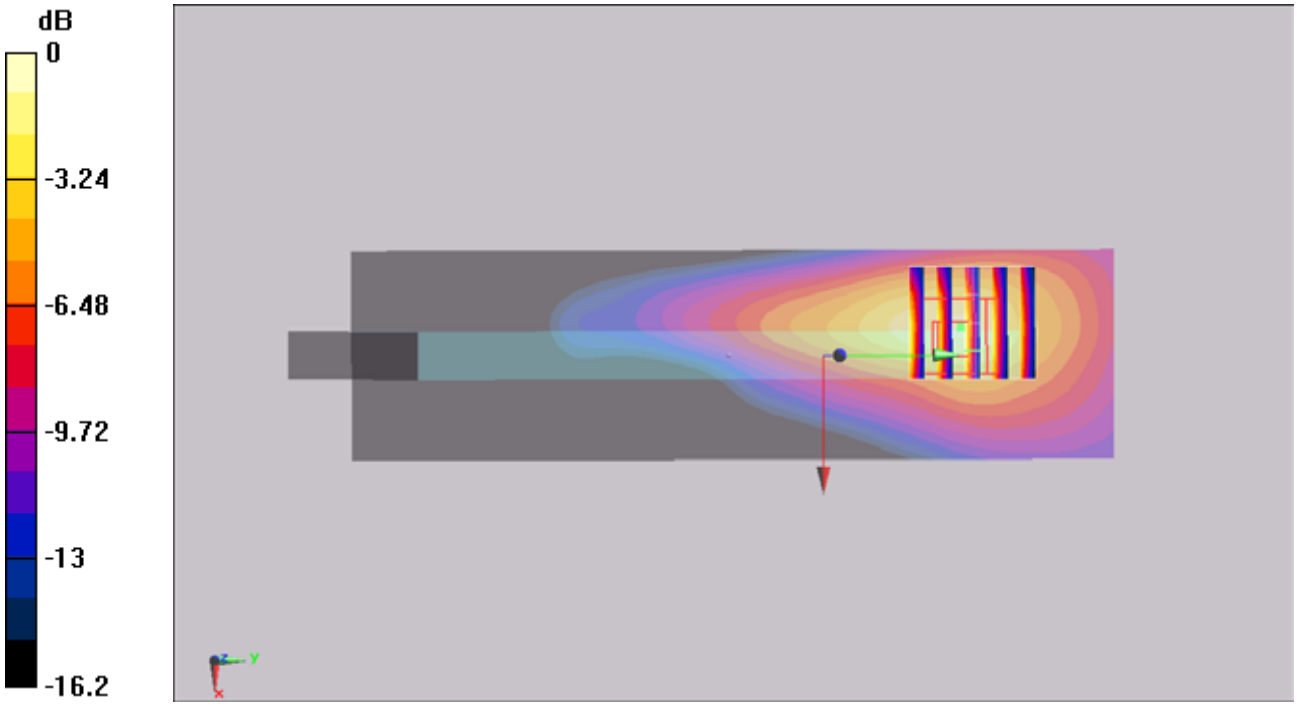
**DUT: 132945**

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110611 Medium parameters used: f = 1732.5 MHz; $\sigma$ = 1.49 mho/m; $\varepsilon_r$ = 52.5; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch20175/Area Scan (31x111x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.414 mW/g

**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.92 V/m; Power Drift = 0.186 dB
Peak SAR (extrapolated) = 0.907 W/kg
**SAR(1 g) = 0.466 mW/g; SAR(10 g) = 0.237 mW/g**
Maximum value of SAR (measured) = 0.497 mW/g




0 dB = 0.497mW/g

**#01 GSM850_GPRS10_Rear Face_0cm_Ch189_Earphone**

**DUT: 132945**

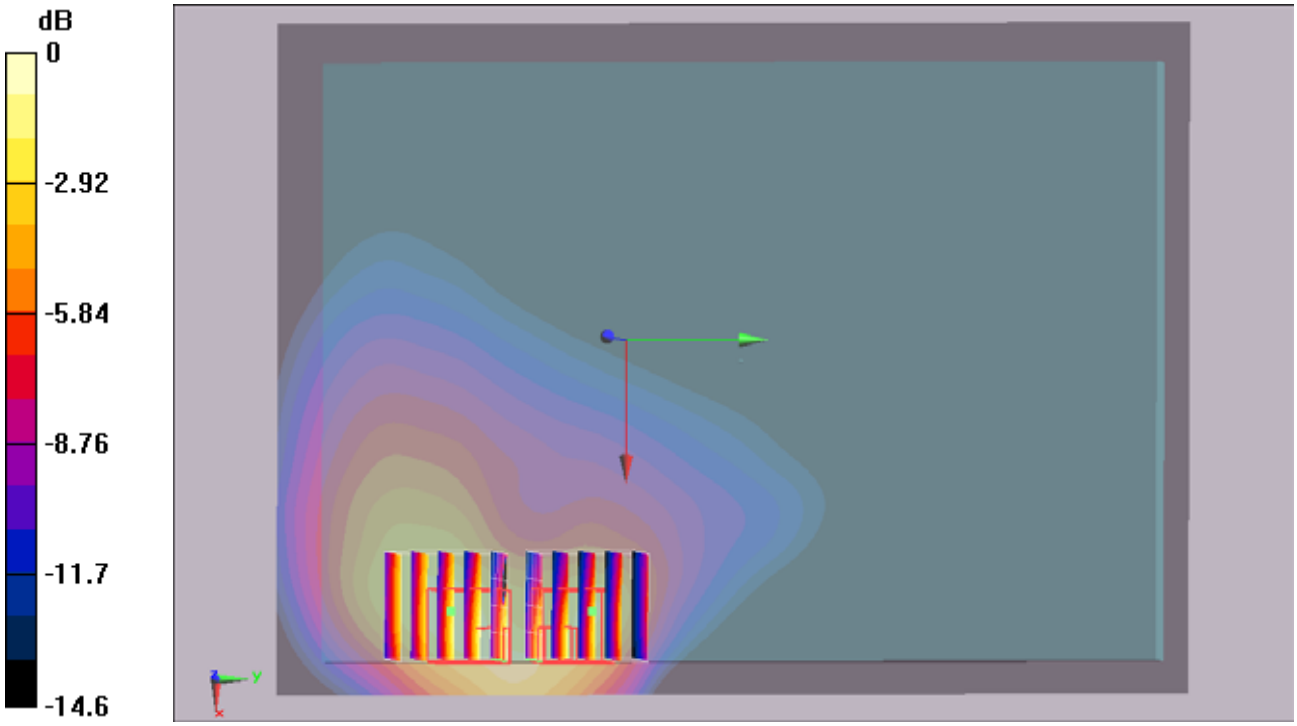
Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:4
Medium: MSL_850_110608 Medium parameters used : f = 836.4 MHz; $\sigma$ = 0.988 mho/m; $\varepsilon_r$ = 54.7; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.4 ℃； Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch189/Area Scan (201x281x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.311 mW/g

**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.35 V/m; Power Drift = -0.182 dB
Peak SAR (extrapolated) = 0.610 W/kg
**SAR(1 g) = 0.372 mW/g; SAR(10 g) = 0.217 mW/g**
Maximum value of SAR (measured) = 0.418 mW/g

**Ch189/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.35 V/m; Power Drift = -0.182 dB
Peak SAR (extrapolated) = 0.631 W/kg
**SAR(1 g) = 0.349 mW/g; SAR(10 g) = 0.173 mW/g**
Maximum value of SAR (measured) = 0.394 mW/g




0 dB = 0.394mW/g

**#02 GSM850_GPRS10_Secondary Landscape_0cm_Ch189**

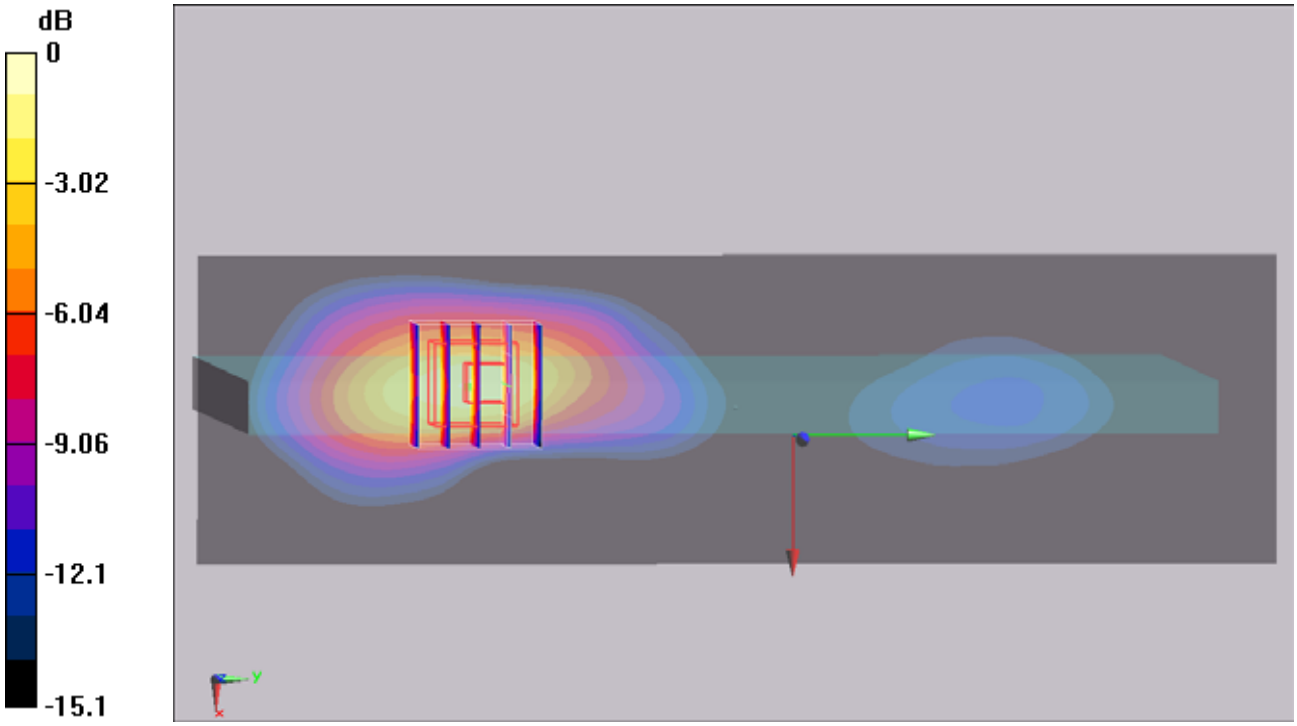
**DUT: 132945**

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:4
Medium: MSL_850_110608 Medium parameters used : f = 836.4 MHz; $\sigma$ = 0.988 mho/m; $\varepsilon_r$ = 54.7; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.4 ℃； Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch189/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.693 mW/g

**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.64 V/m; Power Drift = -0.00323 dB
Peak SAR (extrapolated) = 1.53 W/kg
**SAR(1 g) = 0.745 mW/g; SAR(10 g) = 0.380 mW/g**
Maximum value of SAR (measured) = 0.857 mW/g




0 dB = 0.857mW/g

**#02 GSM850_GPRS10_Secondary Landscape_0cm_Ch189_2D**

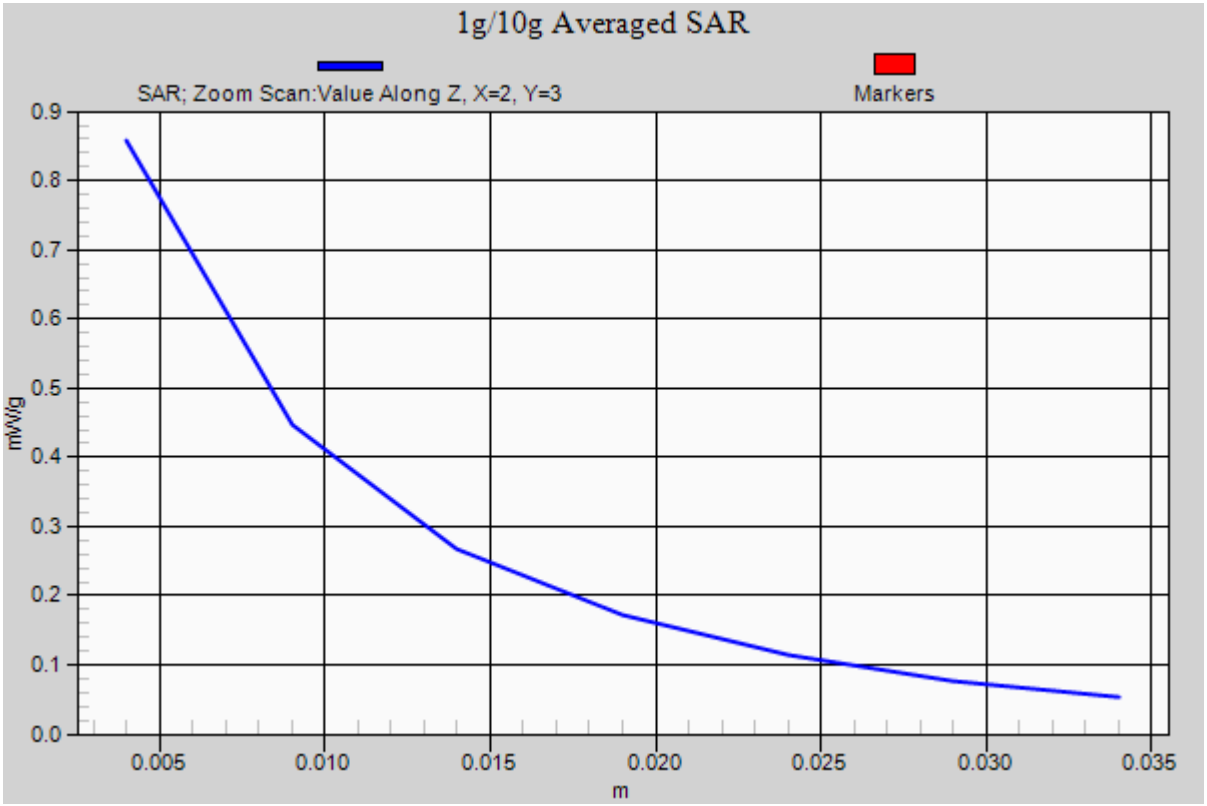
**DUT: 132945**

Communication System: GSM850; Frequency: 836.4 MHz;Duty Cycle: 1:4
Medium: MSL_850_110608 Medium parameters used : f = 836.4 MHz; $\sigma$ = 0.988 mho/m; $\varepsilon_r$ = 54.7; $\rho$ = 1000 kg/$m^3$
Ambient Temperature：22.4 ℃； Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch189/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.693 mW/g

**Ch189/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.64 V/m; Power Drift = -0.00323 dB
Peak SAR (extrapolated) = 1.53 W/kg
**SAR(1 g) = 0.745 mW/g; SAR(10 g) = 0.380 mW/g**
Maximum value of SAR (measured) = 0.857 mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=3
Markers
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
mW/g
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

**#05 GSM1900_GPRS10_Rear Face_0cm_Ch661_Earphone**

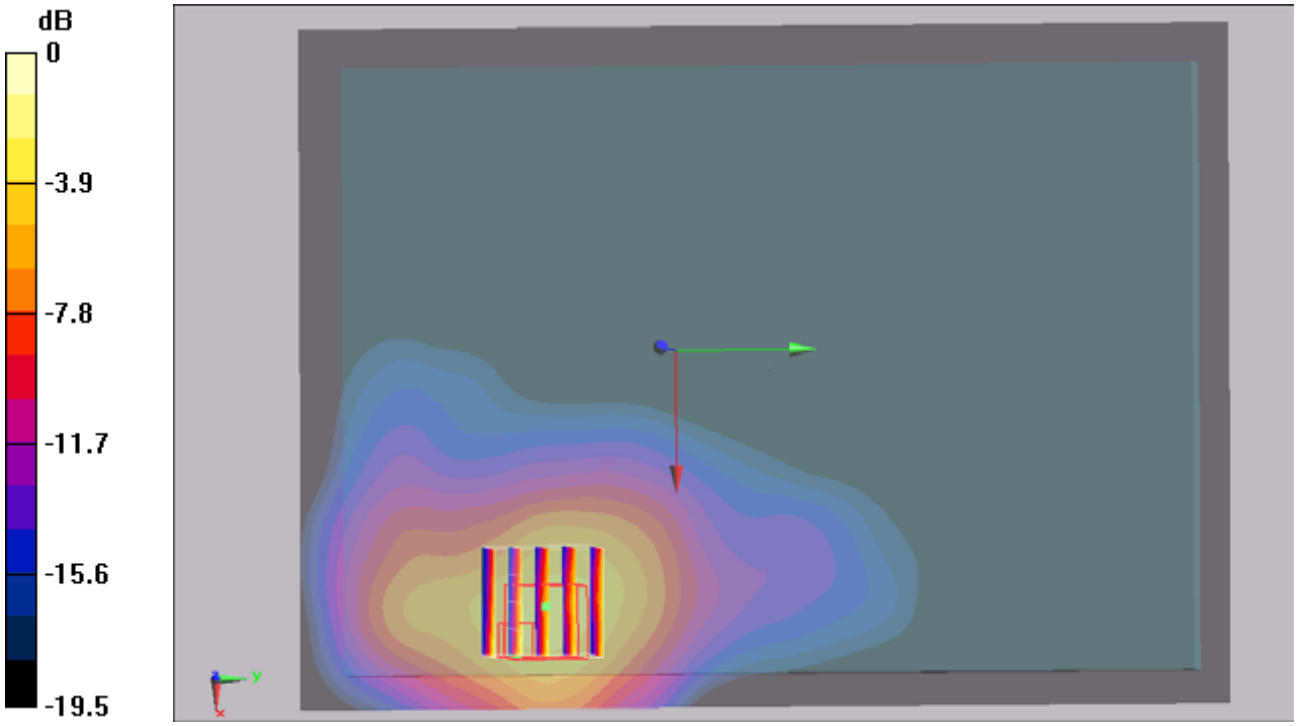
**DUT: 132945**

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110608 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.52 mho/m; $\varepsilon_r$ = 52; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.3 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch661/Area Scan (101x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.427 mW/g

**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.26 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 1.66 W/kg
**SAR(1 g) = 0.570 mW/g; SAR(10 g) = 0.303 mW/g**
Maximum value of SAR (measured) = 0.884 mW/g




0 dB = 0.884mW/g

**#06 GSM1900_GPRS10_Secondary Landscape_0cm_Ch661**

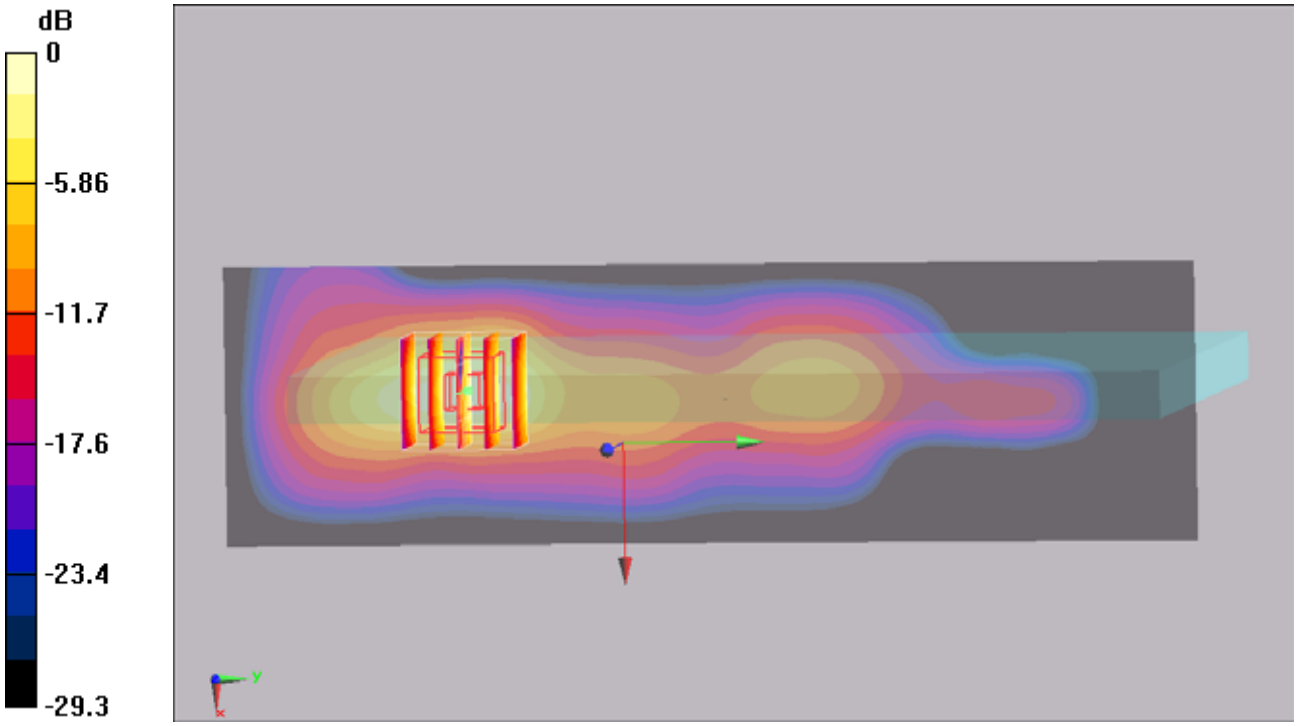
**DUT: 132945**

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110608 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.52 mho/m; $\varepsilon_r$ = 52; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch661/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.22 mW/g

**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.13 V/m; Power Drift = 0.172 dB
Peak SAR (extrapolated) = 2.24 W/kg
**SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.560 mW/g**
Maximum value of SAR (measured) = 1.3 mW/g




0 dB = 1.3mW/g

**#06 GSM1900_GPRS10_Secondary Landscape_0cm_Ch661_2D**

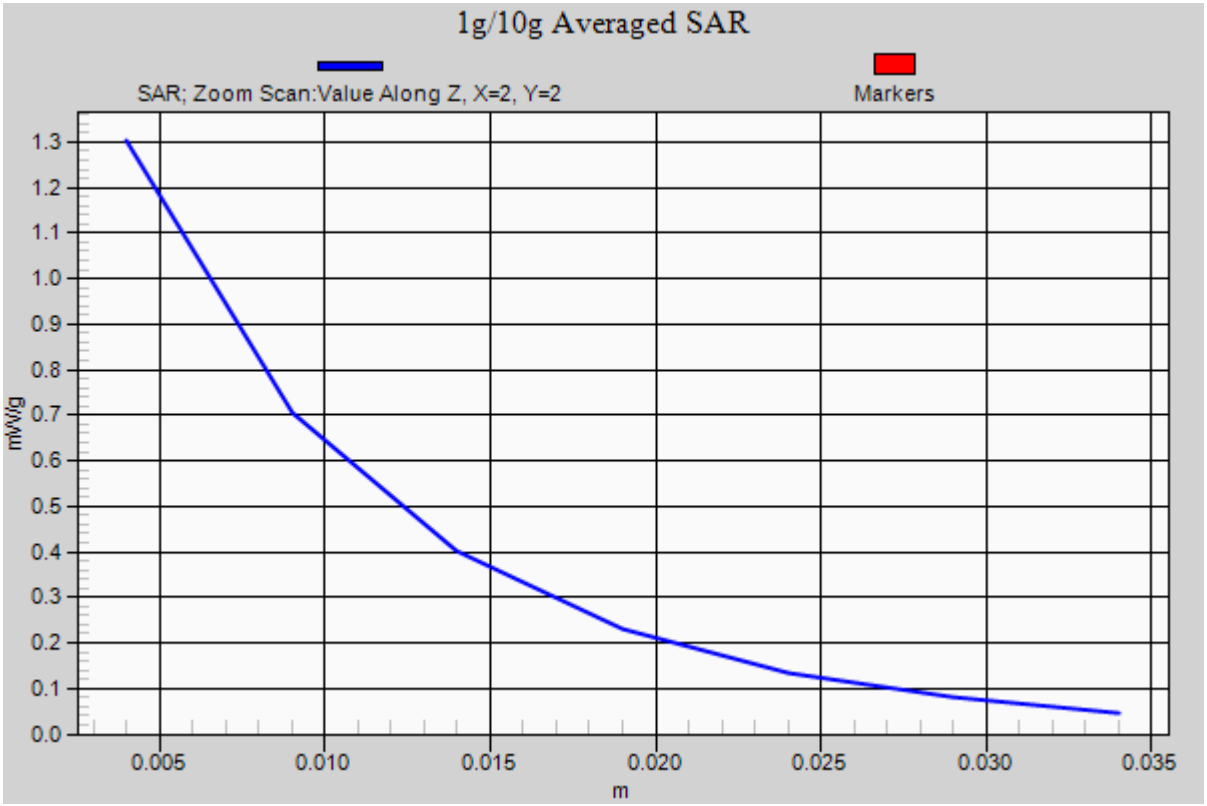
**DUT: 132945**

Communication System: PCS; Frequency: 1880 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110608 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.52 mho/m; $\varepsilon_r$ = 52; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.3 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch661/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.22 mW/g

**Ch661/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.13 V/m; Power Drift = 0.172 dB
Peak SAR (extrapolated) = 2.24 W/kg
**SAR(1 g) = 1.16 mW/g; SAR(10 g) = 0.560 mW/g**
Maximum value of SAR (measured) = 1.3 mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=2
Markers
mW/g
1.3
1.2
1.1
1.0
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

**#07 GSM1900_GPRS10_Secondary Landscape_0cm_Ch512**

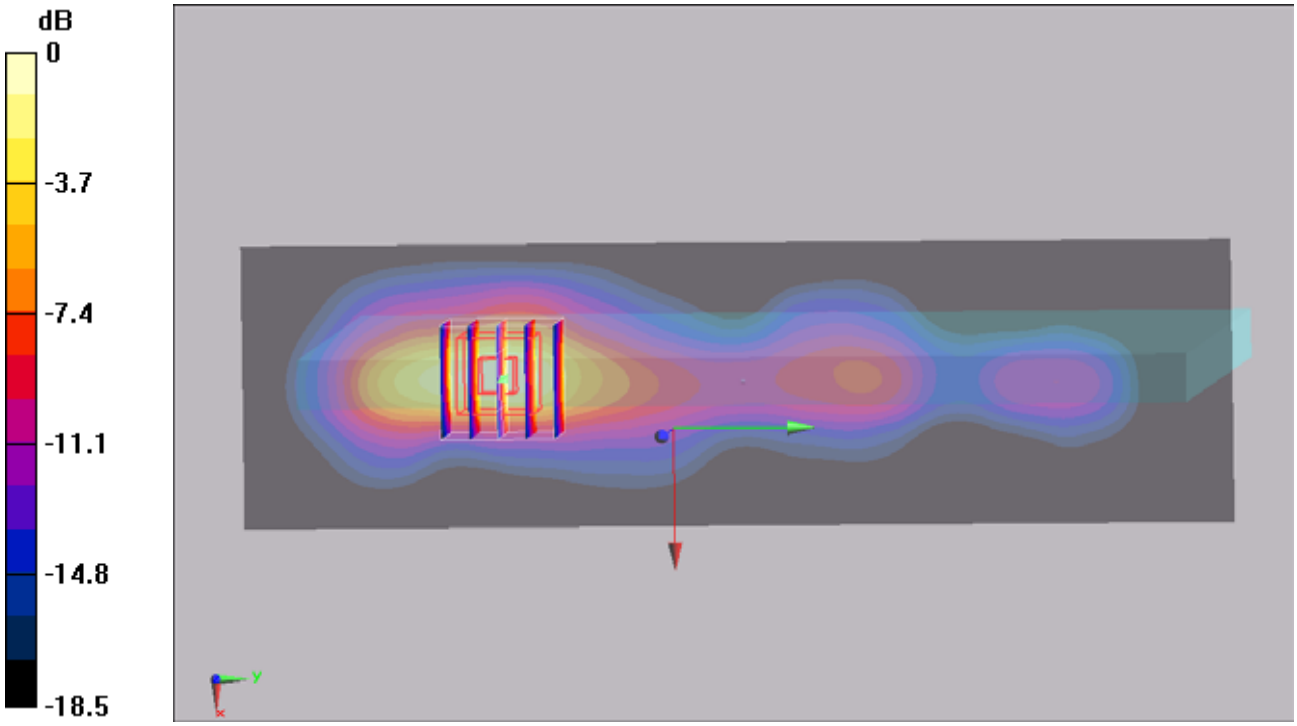
**DUT: 132945**

Communication System: PCS 1900; Frequency: 1850.2 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110608 Medium parameters used : f = 1850.2 MHz; $\sigma$ = 1.49 mho/m; $\varepsilon_r$ = 52.2; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch512/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.03 mW/g

**Ch512/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.26 V/m; Power Drift = 0.148 dB
Peak SAR (extrapolated) = 1.9 W/kg
**SAR(1 g) = 0.974 mW/g; SAR(10 g) = 0.476 mW/g**
Maximum value of SAR (measured) = 1.1 mW/g




0 dB = 1.1mW/g

**#08 GSM1900_GPRS10_Secondary Landscape_0cm_Ch810**

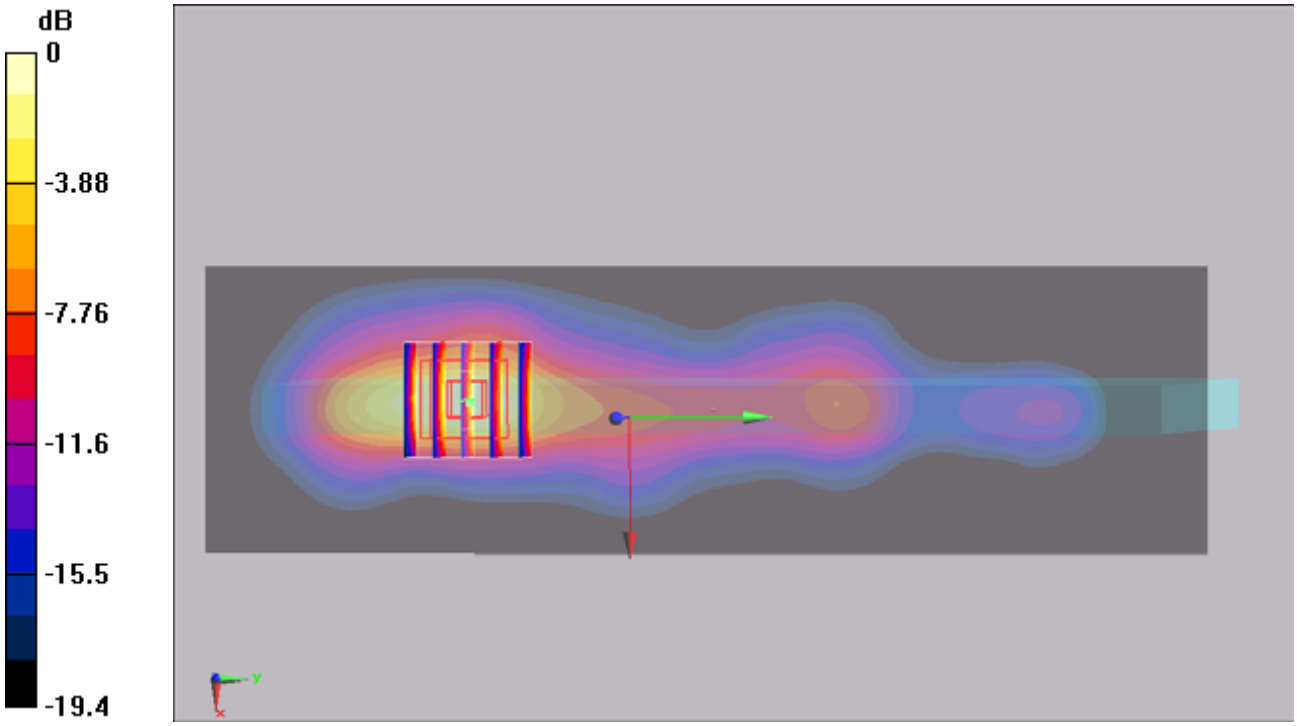
**DUT: 132945**

Communication System: PCS 1900; Frequency: 1909.8 MHz;Duty Cycle: 1:4
Medium: MSL_1900_110608 Medium parameters used: f = 1910 MHz; $\sigma$ = 1.56 mho/m; $\varepsilon_r$ = 51.9; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.3 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch810/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.21 mW/g

**Ch810/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.57 V/m; Power Drift = 0.023 dB
Peak SAR (extrapolated) = 2.17 W/kg
**SAR(1 g) = 1.11 mW/g; SAR(10 g) = 0.538 mW/g**
Maximum value of SAR (measured) = 1.24 mW/g




0 dB = 1.24mW/g

**#03 WCDMA V_RMC12.2K_Rear Face_0cm_Ch4233_Earphone**

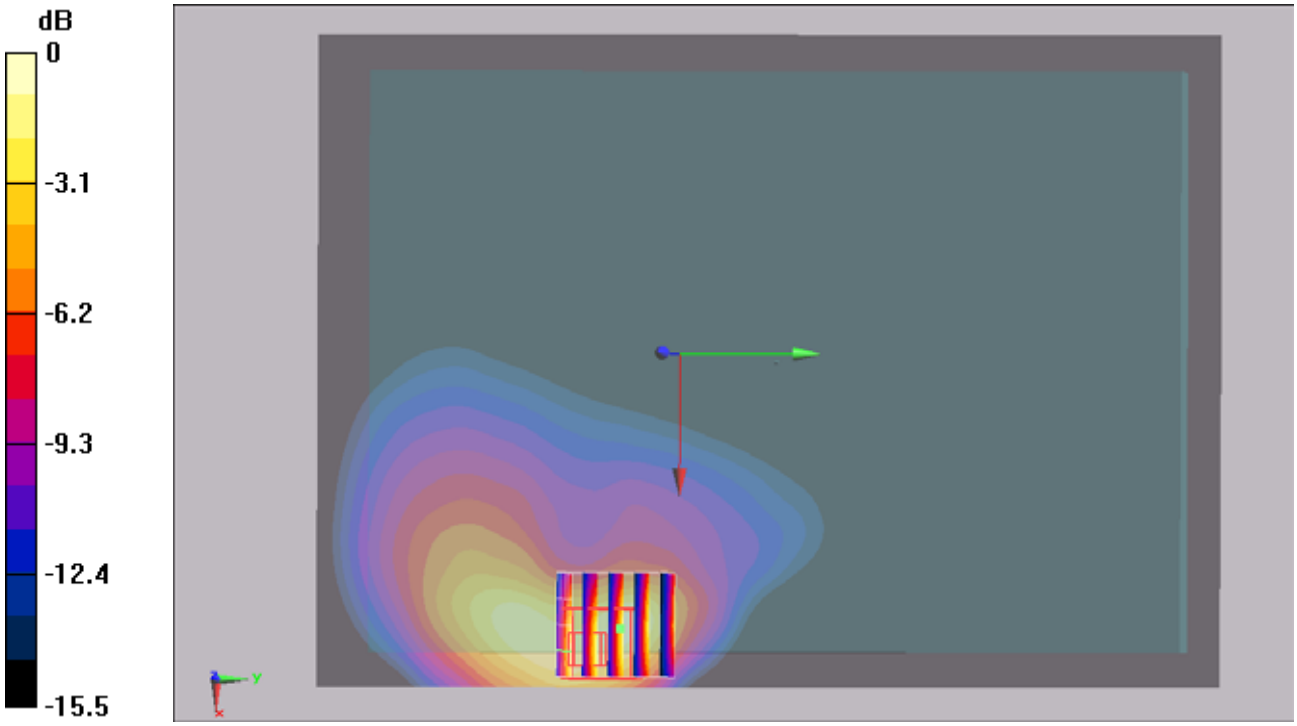
**DUT: 132945**

Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_850_110608 Medium parameters used: f = 847 MHz; $\sigma$ = 0.998 mho/m; $\varepsilon_r$ = 54.5; $\rho$ = 1000 kg/$m^3$
Ambient Temperature：22.4 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch4233/Area Scan (101x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.618 mW/g

**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.44 V/m; Power Drift = -0.136 dB
Peak SAR (extrapolated) = 1.14 W/kg
**SAR(1 g) = 0.608 mW/g; SAR(10 g) = 0.323 mW/g**
Maximum value of SAR (measured) = 0.691 mW/g




0 dB = 0.691mW/g

**#04 WCDMA V_RMC12.2K_Secondary Landscape_0cm_Ch4233**

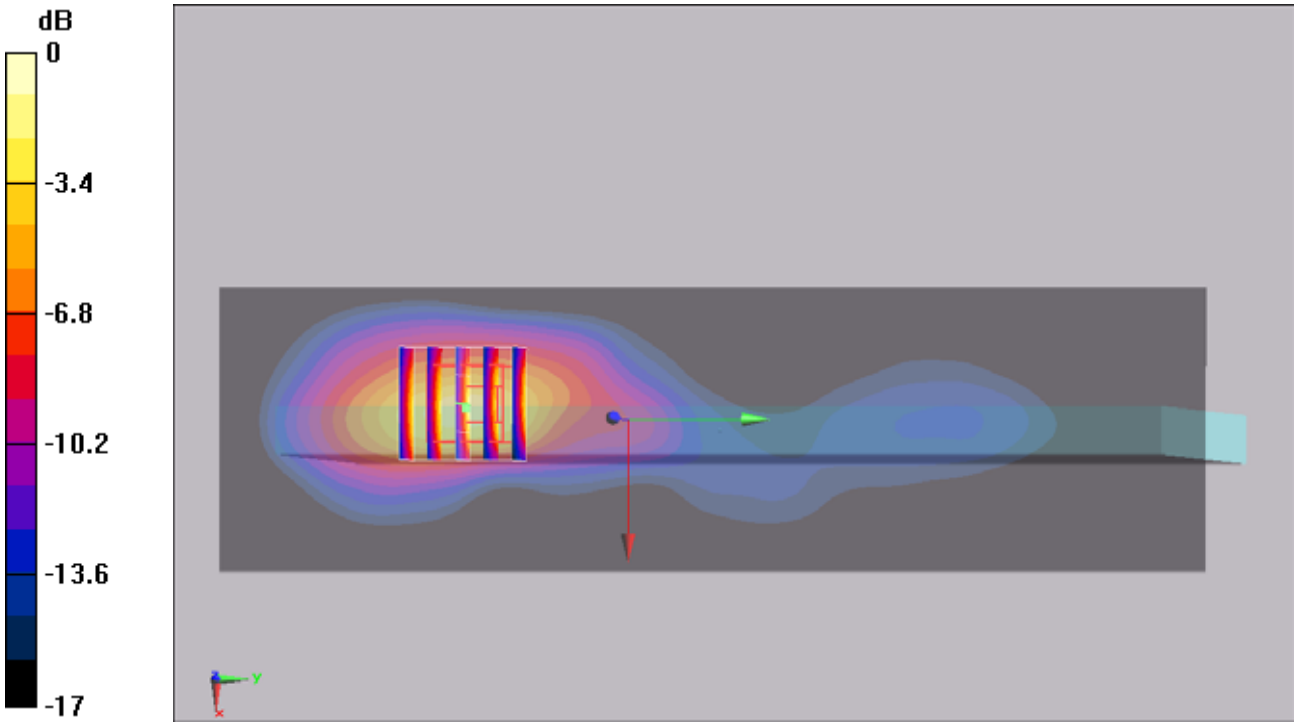
**DUT: 132945**

Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_850_110608 Medium parameters used: f = 847 MHz; $\sigma$ = 0.998 mho/m; $\varepsilon_r$ = 54.5; $\rho$ = 1000 kg/$m^3$
Ambient Temperature：22.4 ℃； Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch4233/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.637 mW/g

**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.77 V/m; Power Drift = 0.151 dB
Peak SAR (extrapolated) = 1.74 W/kg
**SAR(1 g) = 0.777 mW/g; SAR(10 g) = 0.366 mW/g**
Maximum value of SAR (measured) = 0.897 mW/g




0 dB = 0.897mW/g

**#04 WCDMA V_RMC12.2K_Secondary Landscape_0cm_Ch4233_2D**

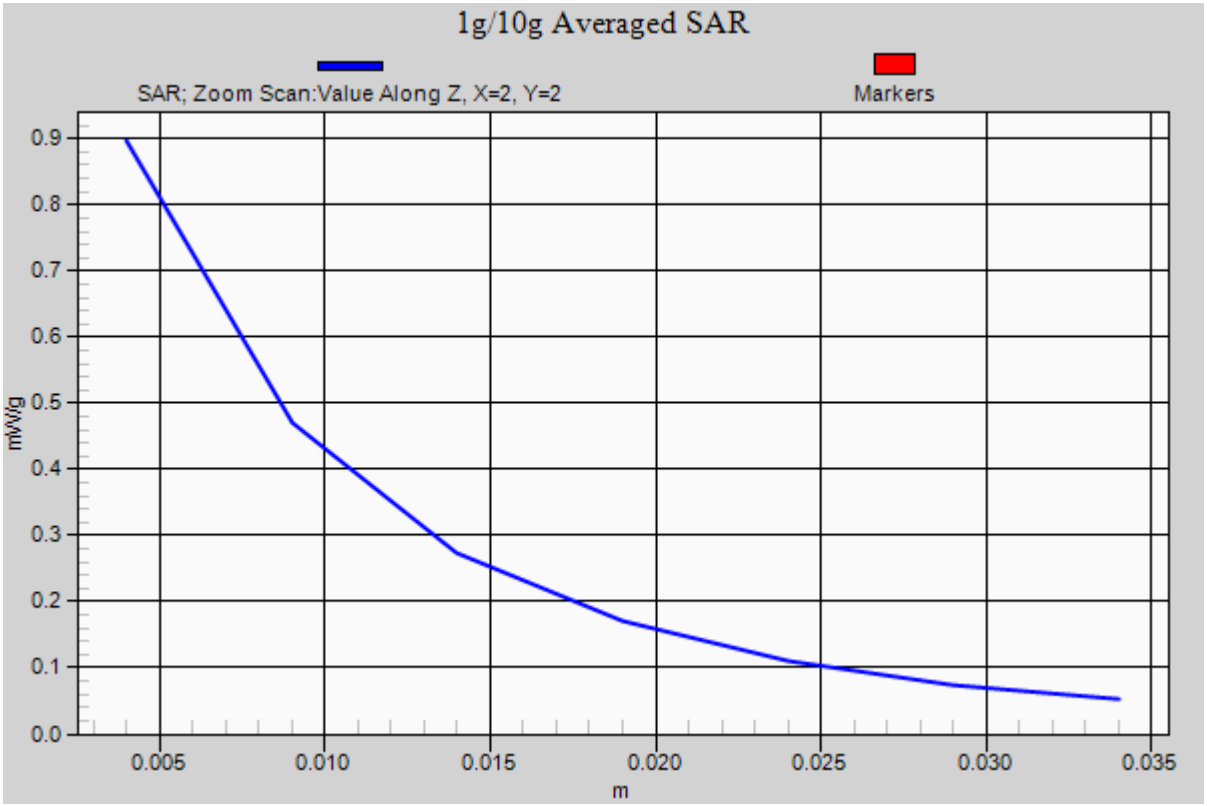
**DUT: 132945**

Communication System: WCDMA; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: MSL_850_110608 Medium parameters used: f = 847 MHz; $\sigma$ = 0.998 mho/m; $\varepsilon_r$ = 54.5; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.4 ℃； Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.65, 8.65, 8.65); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch4233/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.637 mW/g

**Ch4233/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.77 V/m; Power Drift = 0.151 dB
Peak SAR (extrapolated) = 1.74 W/kg
**SAR(1 g) = 0.777 mW/g; SAR(10 g) = 0.366 mW/g**
Maximum value of SAR (measured) = 0.897 mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=2
Markers
mW/g
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

**#09 WCDMA II_RMC12.2K_Rear Face_0cm_Ch9400_Earphone**

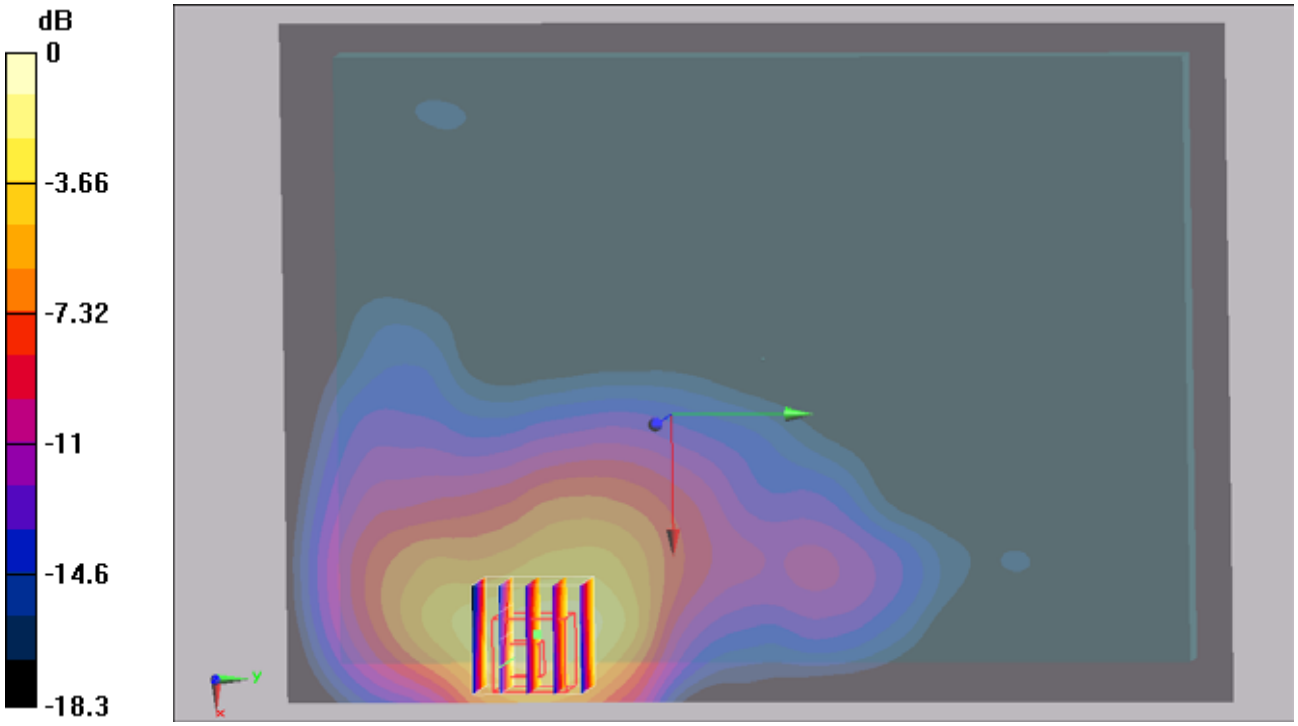
**DUT: 132945**

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110608 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.52 mho/m; $\varepsilon_r$ = 52; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch9400/Area Scan (101x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.490 mW/g

**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.05 V/m; Power Drift = 0.102 dB
Peak SAR (extrapolated) = 1.15 W/kg
**SAR(1 g) = 0.596 mW/g; SAR(10 g) = 0.317 mW/g**
Maximum value of SAR (measured) = 0.685 mW/g




0 dB = 0.685mW/g

**#10 WCDMA II_RMC12.2K_Secondary Landscape_0cm_Ch9400**

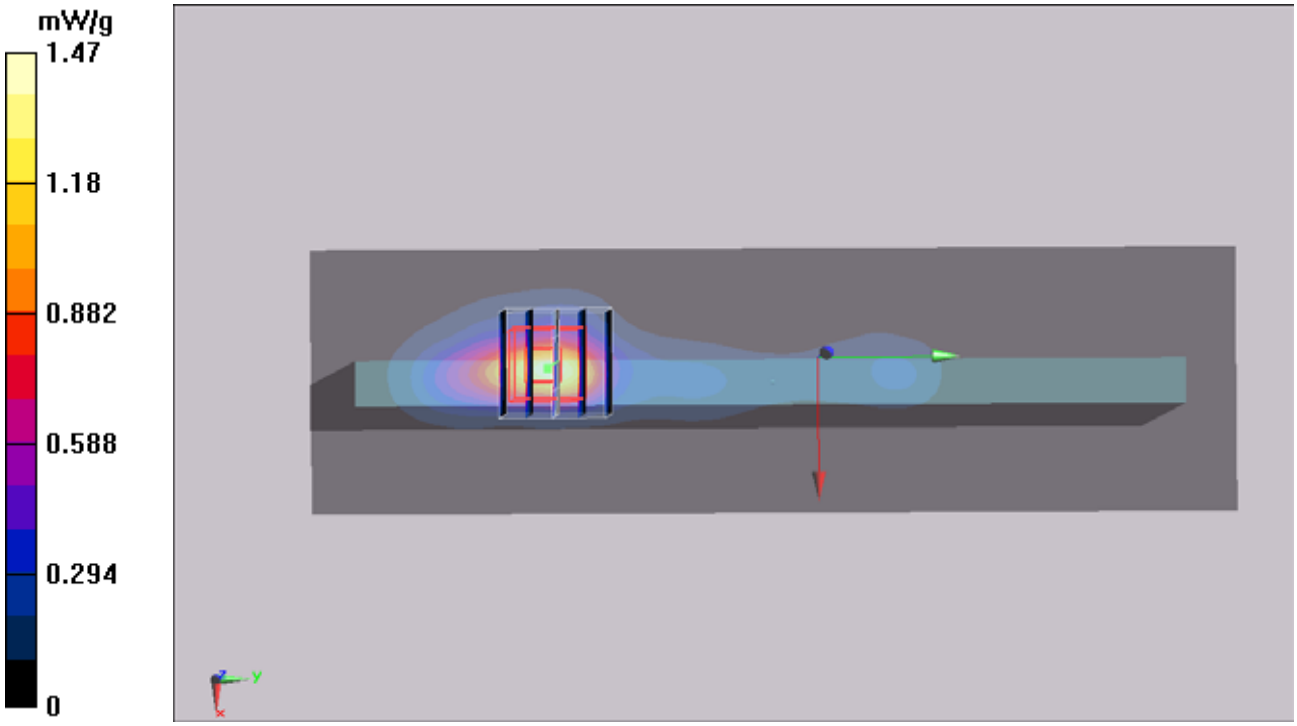
**DUT: 132945**

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110608 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.52 mho/m; $\varepsilon_r$ = 52; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch9400/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.47 mW/g

**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.58 V/m; Power Drift = 0.176 dB
Peak SAR (extrapolated) = 2.79 W/kg
**SAR(1 g) = 1.41 mW/g; SAR(10 g) = 0.687 mW/g**
Maximum value of SAR (measured) = 1.59 mW/g


mW/g
1.47
1.18
0.882
0.588
0.294
0

**#10 WCDMA II_RMC12.2K_Secondary Landscape_0cm_Ch9400_2D**

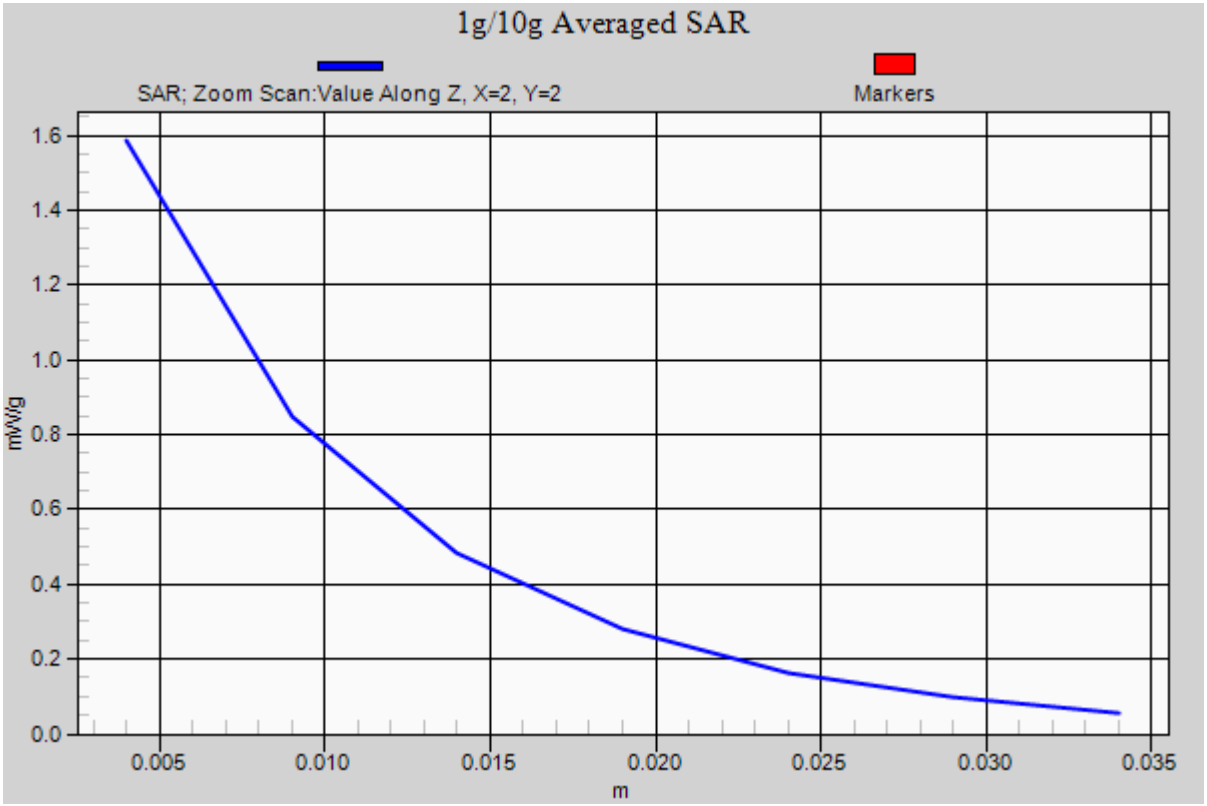
**DUT: 132945**

Communication System: WCDMA; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110608 Medium parameters used: f = 1880 MHz; $\sigma$ = 1.52 mho/m; $\varepsilon_r$ = 52; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.3 ℃； Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch9400/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.47 mW/g

**Ch9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.58 V/m; Power Drift = 0.176 dB
Peak SAR (extrapolated) = 2.79 W/kg
**SAR(1 g) = 1.41 mW/g; SAR(10 g) = 0.687 mW/g**
Maximum value of SAR (measured) = 1.59 mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=2
Markers
1.6
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
mW/g
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

**#11 WCDMA II_RMC12.2K_Secondary Landscape_0cm_Ch9262**

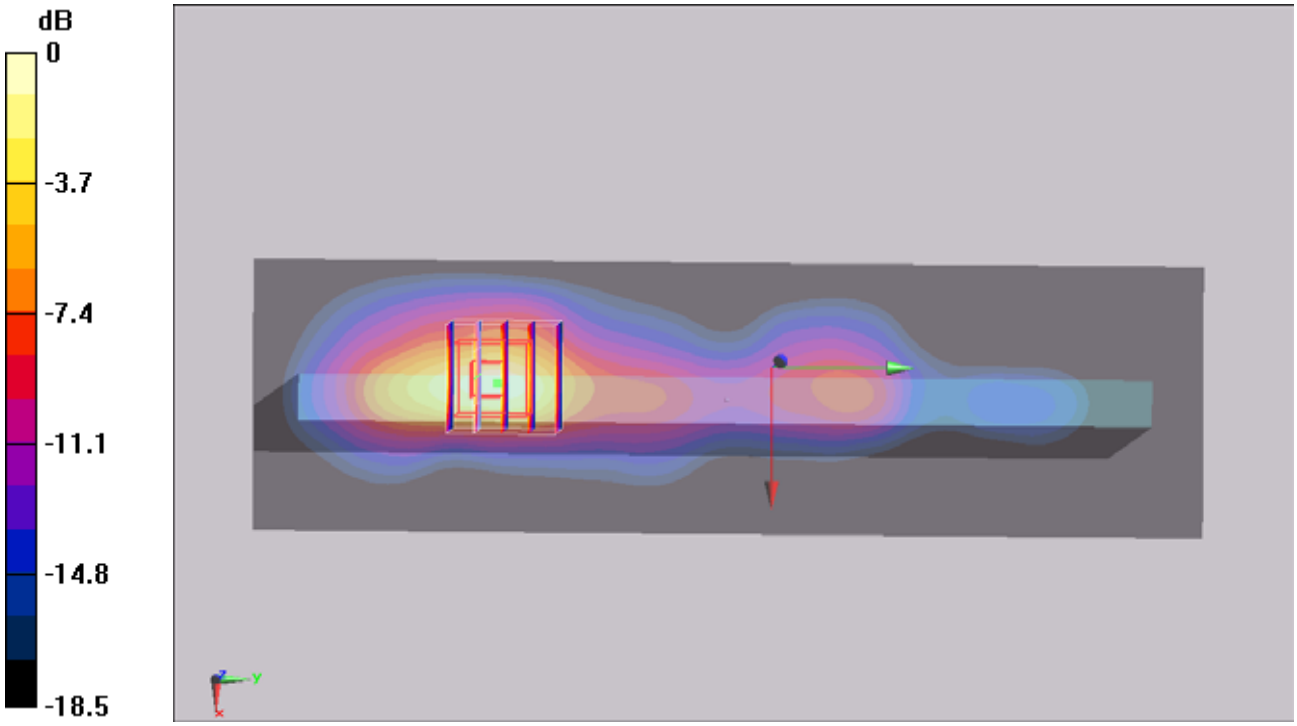
**DUT: 132945**

Communication System: WCDMA; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110608 Medium parameters used : f = 1852.4 MHz; $\sigma$ = 1.5 mho/m; $\varepsilon_r$ = 52.2; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch9262/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.26 mW/g

**Ch9262/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.71 V/m; Power Drift = 0.035 dB
Peak SAR (extrapolated) = 2.42 W/kg
**SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.602 mW/g**
Maximum value of SAR (measured) = 1.38 mW/g




0 dB = 1.38mW/g

**#12 WCDMA II_RMC12.2K_Secondary Landscape_0cm_Ch9538**

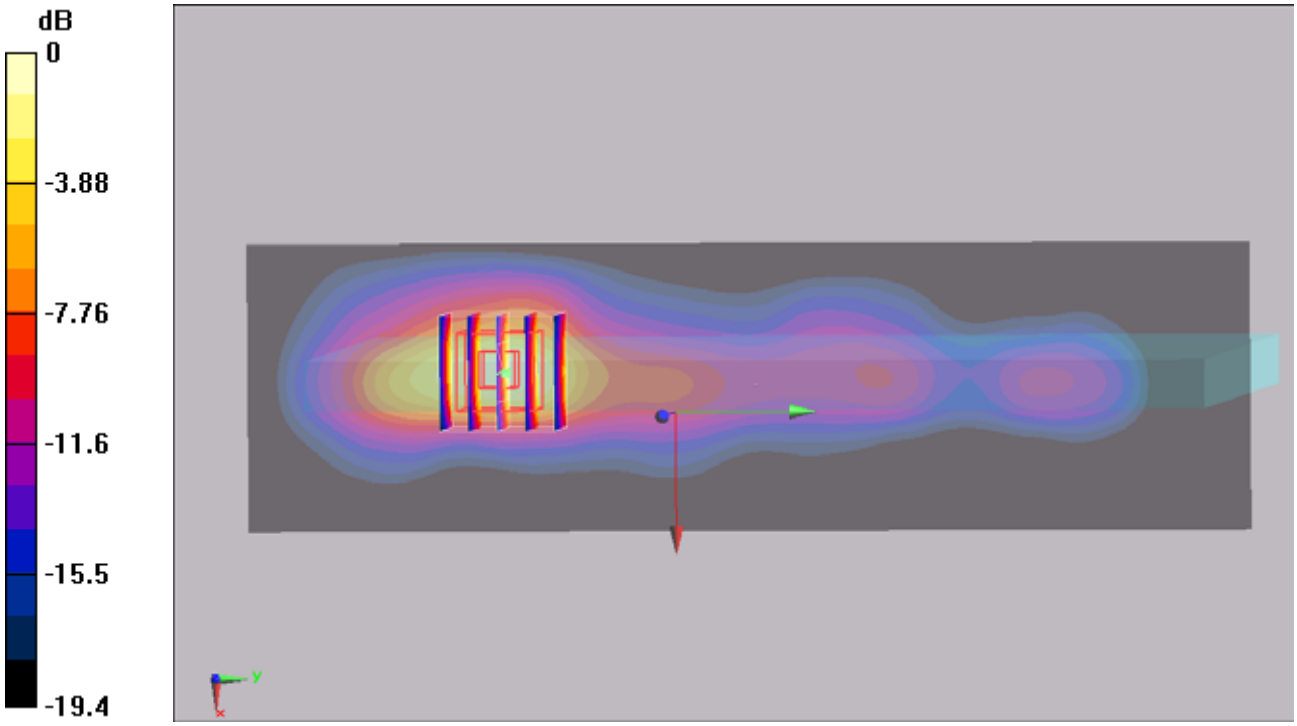
**DUT: 132945**

Communication System: WCDMA; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: MSL_1900_110608 Medium parameters used: f = 1908 MHz; $\sigma$ = 1.56 mho/m; $\varepsilon_r$ = 51.9; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.3 ℃; Liquid Temperature：21.4 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.26, 7.26, 7.26); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch9538/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.27 mW/g

**Ch9538/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.42 V/m; Power Drift = 0.134 dB
Peak SAR (extrapolated) = 2.4 W/kg
**SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.592 mW/g**
Maximum value of SAR (measured) = 1.36 mW/g




0 dB = 1.36mW/g

**#13 LTE Band 17_QPSK(25-13)_Rear Face _0cm_Ch23790_Earphone**

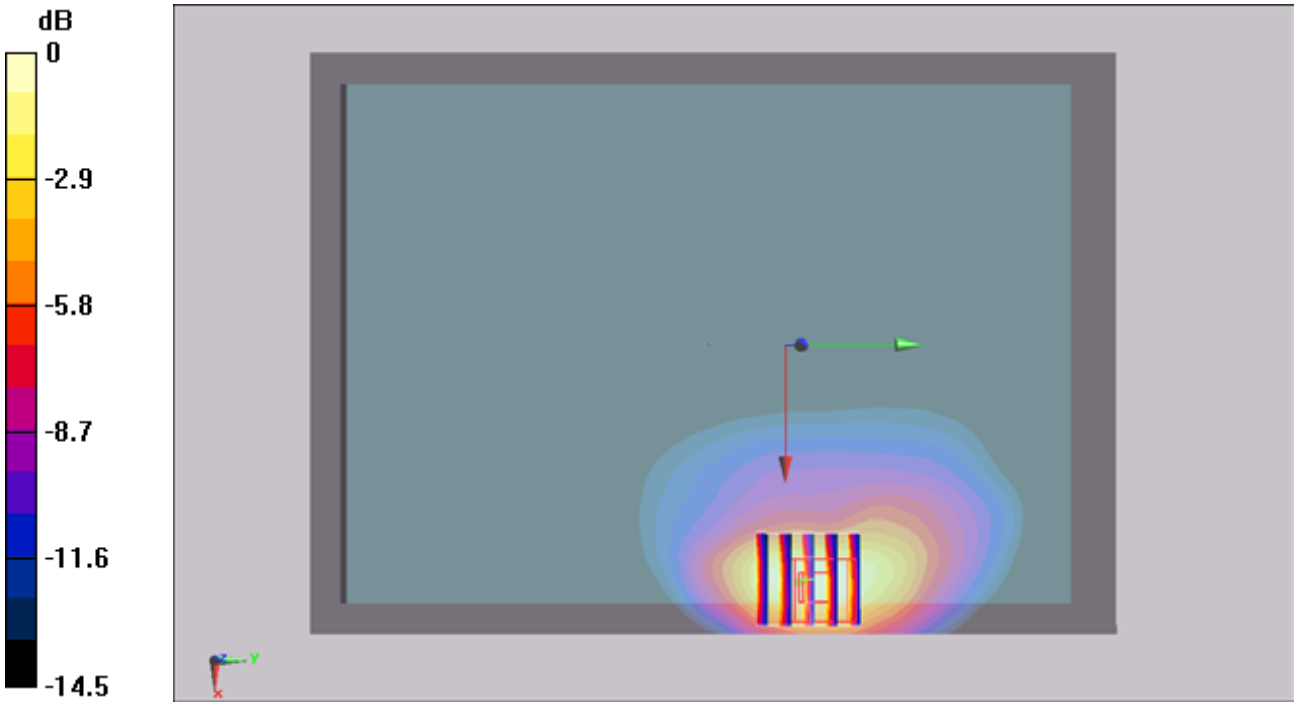
**DUT: 132945**

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_110611 Medium parameters used: f = 710 MHz; $\sigma$ = 0.943 mho/m; $\varepsilon_r$ = 55.6; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch710/Area Scan (101x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.03 mW/g

**Ch710/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.25 V/m; Power Drift = 0.135 dB
Peak SAR (extrapolated) = 1.84 W/kg
**SAR(1 g) = 0.942 mW/g; SAR(10 g) = 0.497 mW/g**
Maximum value of SAR (measured) = 1.06 mW/g




0 dB = 1.06mW/g

**#15 LTE Band 17_QPSK(25-13)_Rear Face _0cm_Ch23780_Earphone**

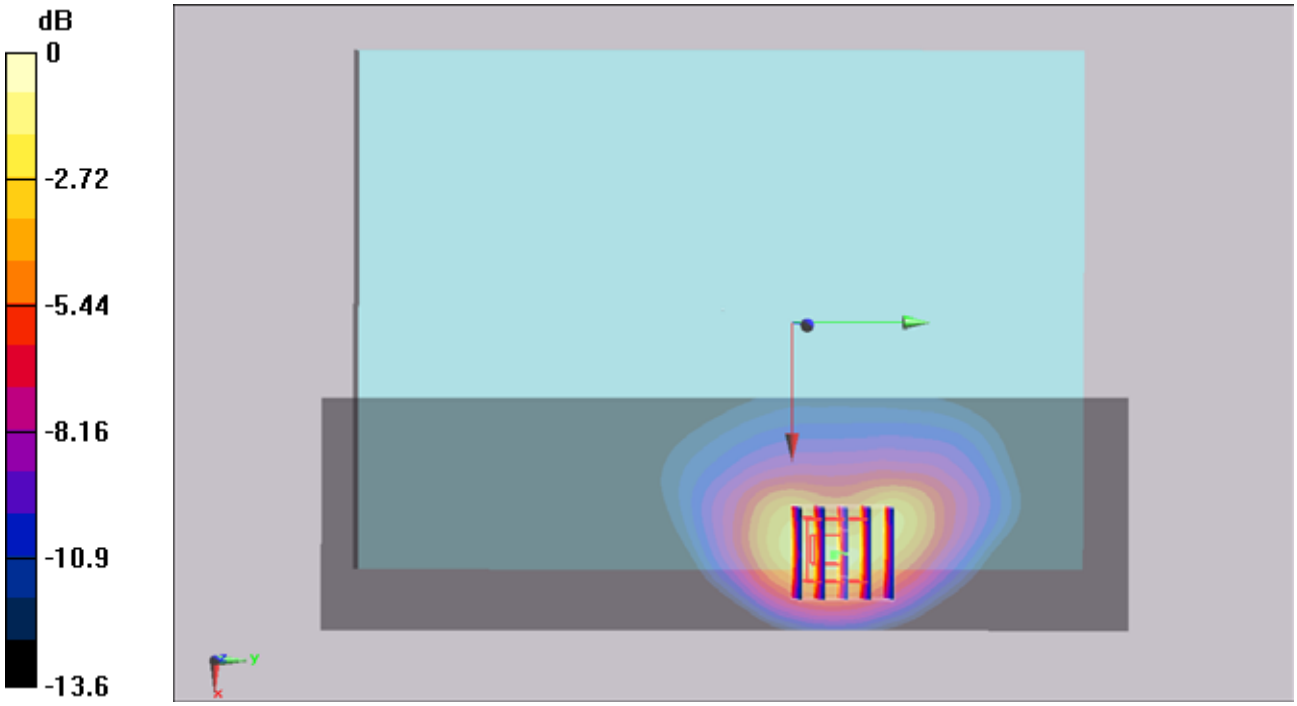
**DUT: 132945**

Communication System: LTE; Frequency: 709 MHz;Duty Cycle: 1:1
Medium: MSL_750_110611 Medium parameters used: f = 709 MHz; $\sigma$ = 0.942 mho/m; $\varepsilon_r$ = 55.6; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.3 ℃； Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch709/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.931 mW/g

**Ch709/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.69 V/m; Power Drift = -0.046 dB
Peak SAR (extrapolated) = 2.27 W/kg
**SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.608 mW/g**
Maximum value of SAR (measured) = 1.26 mW/g




0 dB = 1.26mW/g

**#15 LTE Band 17_QPSK(25-13)_Rear Face _0cm_Ch23780_Earphone_2D**

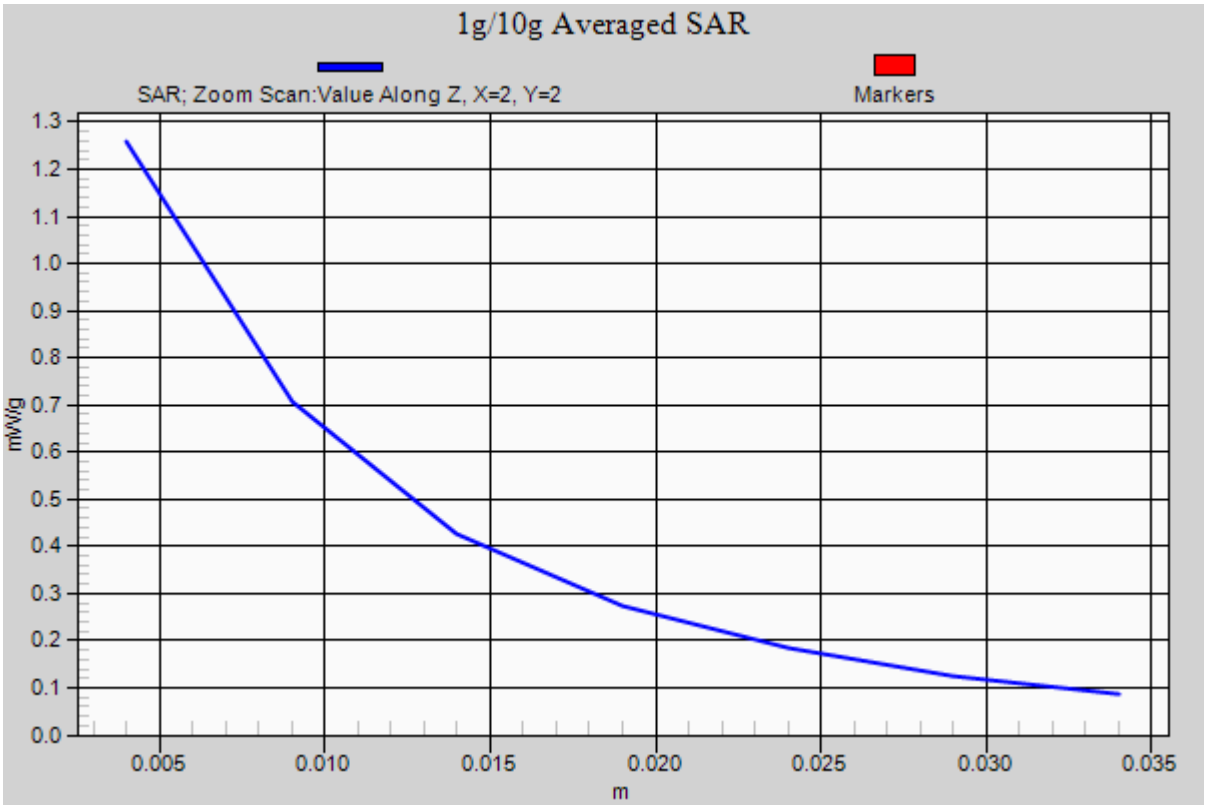
**DUT: 132945**

Communication System: LTE; Frequency: 709 MHz;Duty Cycle: 1:1
Medium: MSL_750_110611 Medium parameters used: f = 709 MHz; $\sigma$ = 0.942 mho/m; $\varepsilon_r$ = 55.6; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.6 ℃； Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch709/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.931 mW/g

**Ch709/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.69 V/m; Power Drift = -0.046 dB
Peak SAR (extrapolated) = 2.27 W/kg
**SAR(1 g) = 1.14 mW/g; SAR(10 g) = 0.608 mW/g**
Maximum value of SAR (measured) = 1.26 mW/g



**#16 LTE Band 17_QPSK(25-13)_Rear Face _0cm_Ch23800_Earphone**

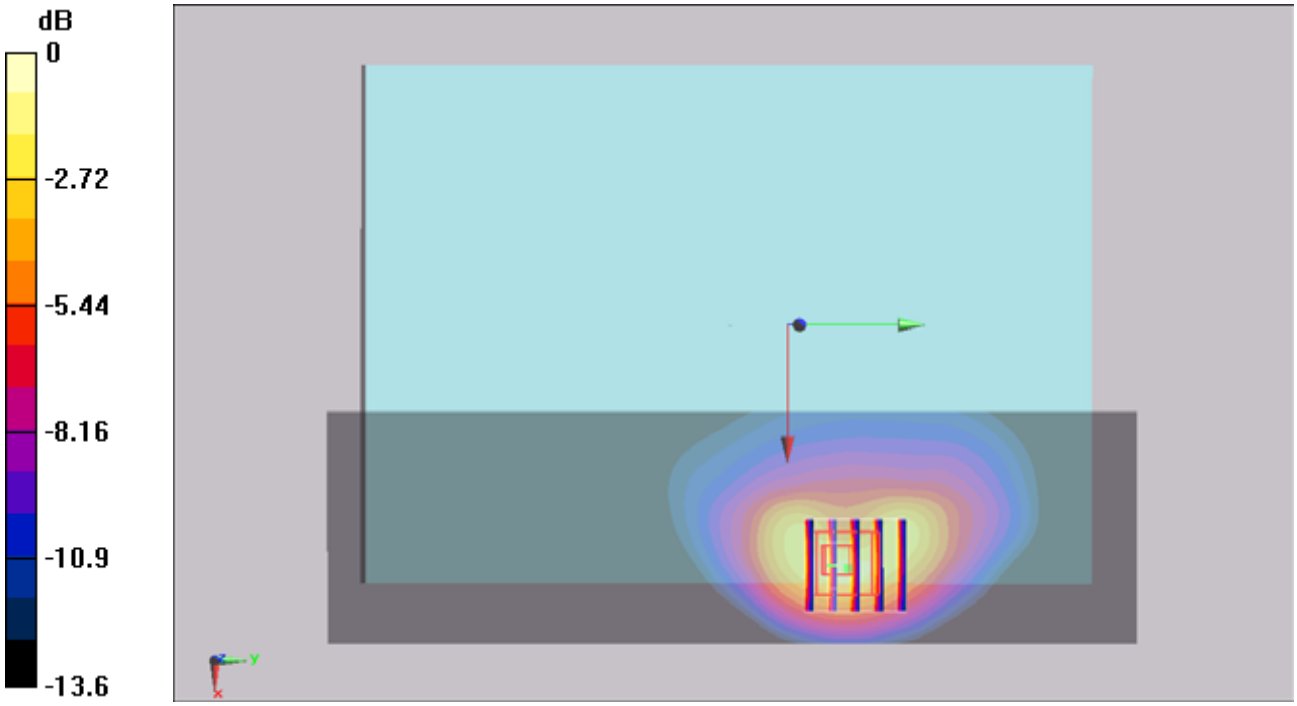
**DUT: 132945**

Communication System: LTE; Frequency: 711 MHz;Duty Cycle: 1:1
Medium: MSL_750_110611 Medium parameters used: f = 711 MHz; $\sigma$ = 0.944 mho/m; $\varepsilon_r$ = 55.6; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch711/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.722 mW/g

**Ch711/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.25 V/m; Power Drift = 0.124 dB
Peak SAR (extrapolated) = 1.74 W/kg
**SAR(1 g) = 0.886 mW/g; SAR(10 g) = 0.471 mW/g**
Maximum value of SAR (measured) = 0.972 mW/g




0 dB = 0.972mW/g

**#17 LTE Band 17_QPSK(1-0)_Rear Face _0cm_Ch23780_Earphone**

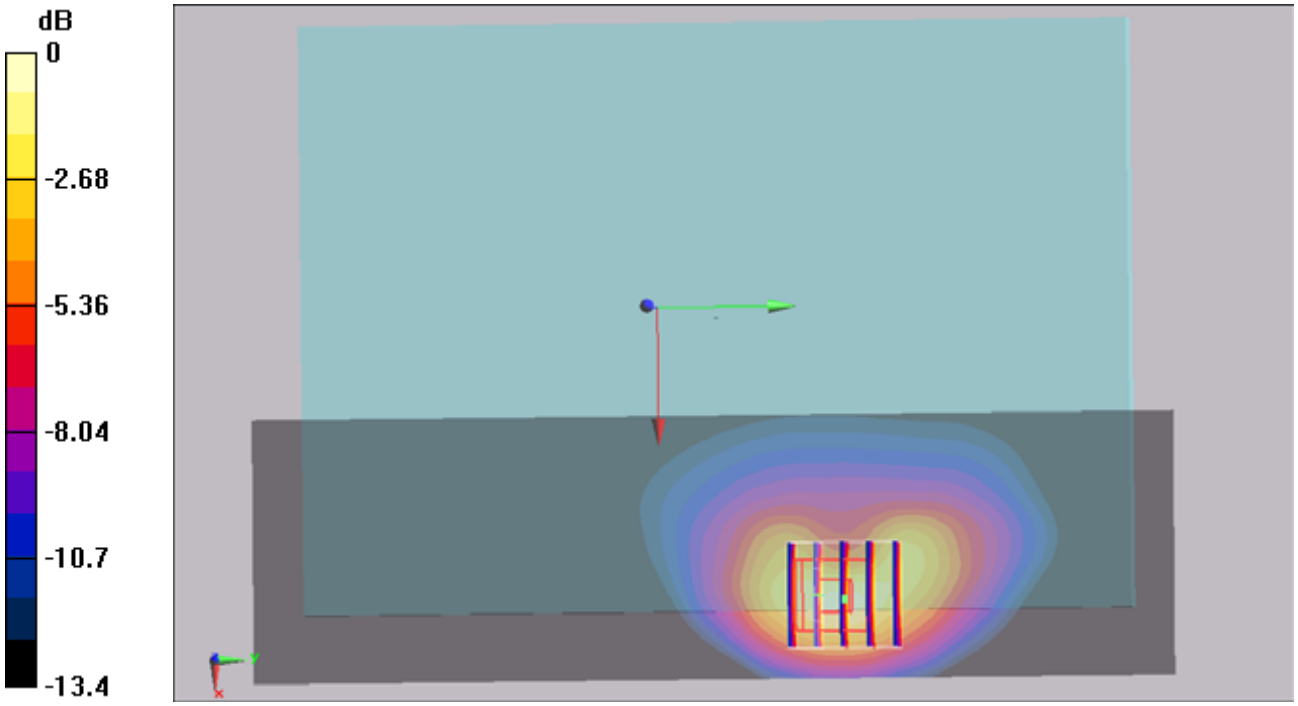
**DUT: 132945**

Communication System: LTE; Frequency: 709 MHz;Duty Cycle: 1:1
Medium: MSL_750_110611 Medium parameters used: f = 709 MHz; $\sigma$ = 0.942 mho/m; $\varepsilon_r$ = 55.6; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch709/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.941 mW/g

**Ch709/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.19 V/m; Power Drift = 0.109 dB
Peak SAR (extrapolated) = 1.83 W/kg
**SAR(1 g) = 0.951 mW/g; SAR(10 g) = 0.516 mW/g**
Maximum value of SAR (measured) = 1.06 mW/g




0 dB = 1.06mW/g

**#18 LTE Band 17_QPSK(1-49)_Rear Face _0cm_Ch23780_Earphone**

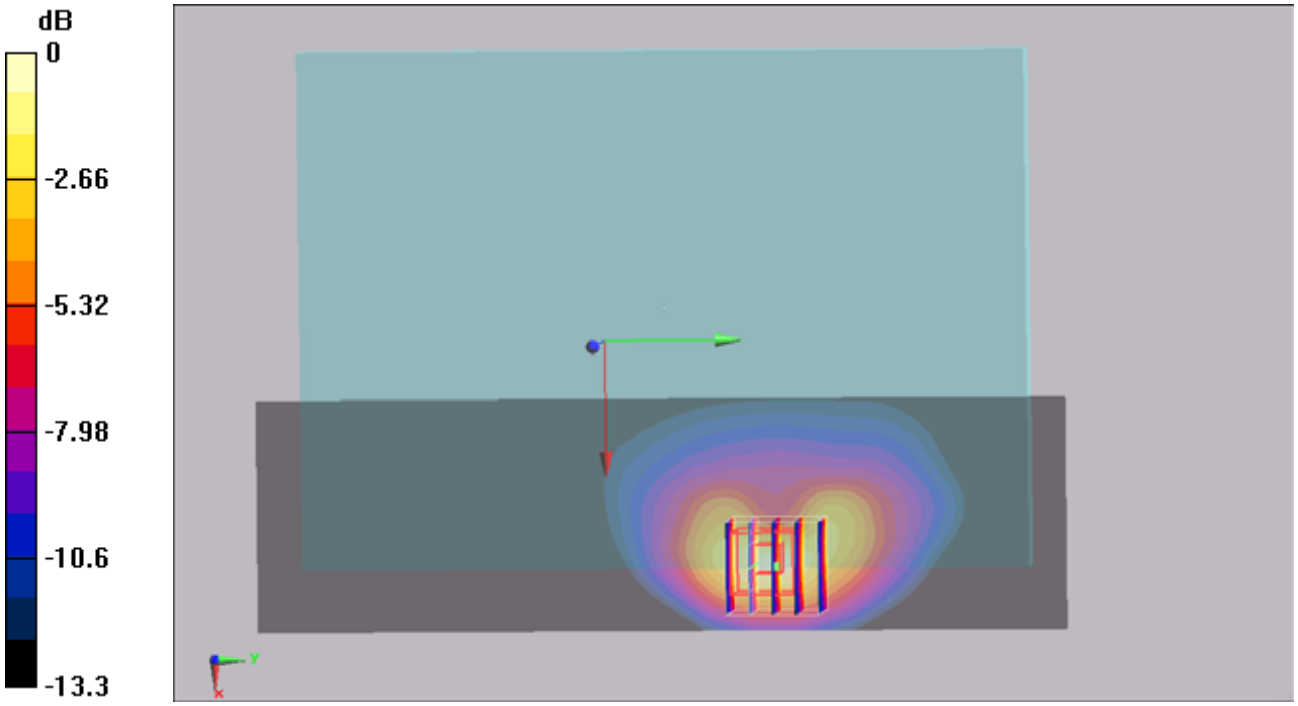
**DUT: 132945**

Communication System: LTE; Frequency: 709 MHz;Duty Cycle: 1:1
Medium: MSL_750_110611 Medium parameters used: f = 709 MHz; $\sigma$ = 0.942 mho/m; $\varepsilon_r$ = 55.6; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch709/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.951 mW/g

**Ch709/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.02 V/m; Power Drift = 0.183 dB
Peak SAR (extrapolated) = 1.95 W/kg
**SAR(1 g) = 0.998 mW/g; SAR(10 g) = 0.532 mW/g**
Maximum value of SAR (measured) = 1.06 mW/g




0 dB = 1.06mW/g

**#14 LTE Band 17_QPSK(25-13)_Secondary Landscape_0cm_Ch23790**

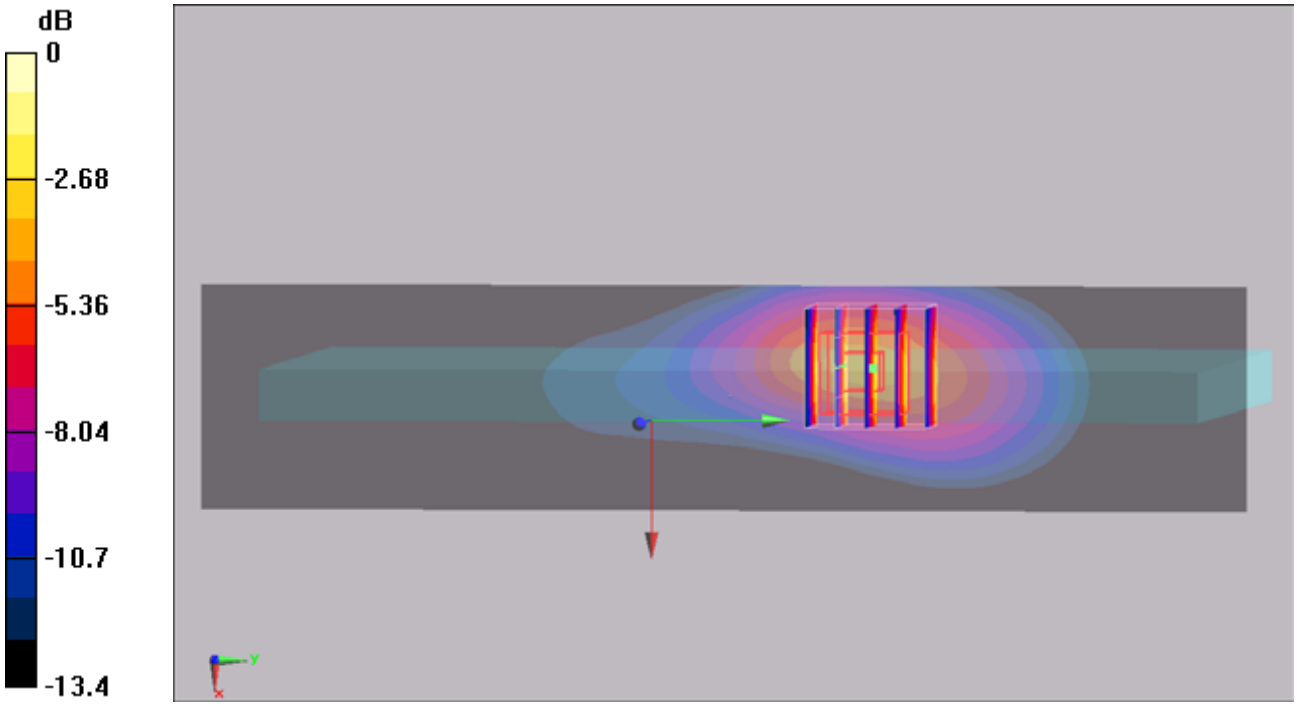
**DUT: 132945**

Communication System: LTE; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: MSL_750_110611 Medium parameters used: f = 710 MHz; $\sigma$ = 0.943 mho/m; $\varepsilon_r$ = 55.6; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.3 ℃； Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch710/Area Scan (31x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.361 mW/g

**Ch710/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.9 V/m; Power Drift = 0.178 dB
Peak SAR (extrapolated) = 1.58 W/kg
**SAR(1 g) = 0.818 mW/g; SAR(10 g) = 0.448 mW/g**
Maximum value of SAR (measured) = 0.905 mW/g




0 dB = 0.905mW/g

**#40 LTE Band 17_QPSK(25-13)_Secondary Landscape_0cm_Ch23780**

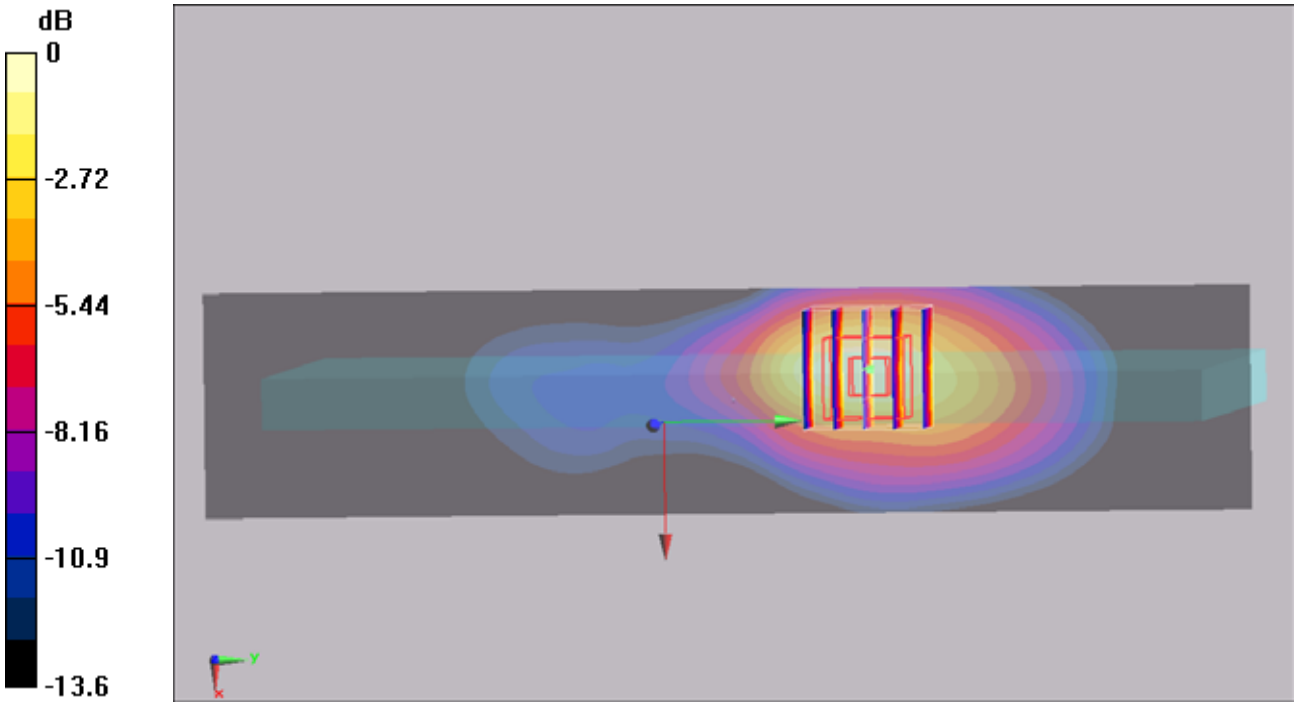
**DUT: 132945**

Communication System: LTE; Frequency: 709 MHz;Duty Cycle: 1:1
Medium: MSL_750_110611 Medium parameters used: f = 709 MHz; $\sigma$ = 0.942 mho/m; $\varepsilon_r$ = 55.6; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch709/Area Scan (31x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.888 mW/g

**Ch709/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.4 V/m; Power Drift = 0.156 dB
Peak SAR (extrapolated) = 1.59 W/kg
**SAR(1 g) = 0.832 mW/g; SAR(10 g) = 0.457 mW/g**
Maximum value of SAR (measured) = 0.910 mW/g




0 dB = 0.910mW/g

**#41 LTE Band 17_QPSK(25-13)_Secondary Landscape_0cm_Ch23800**

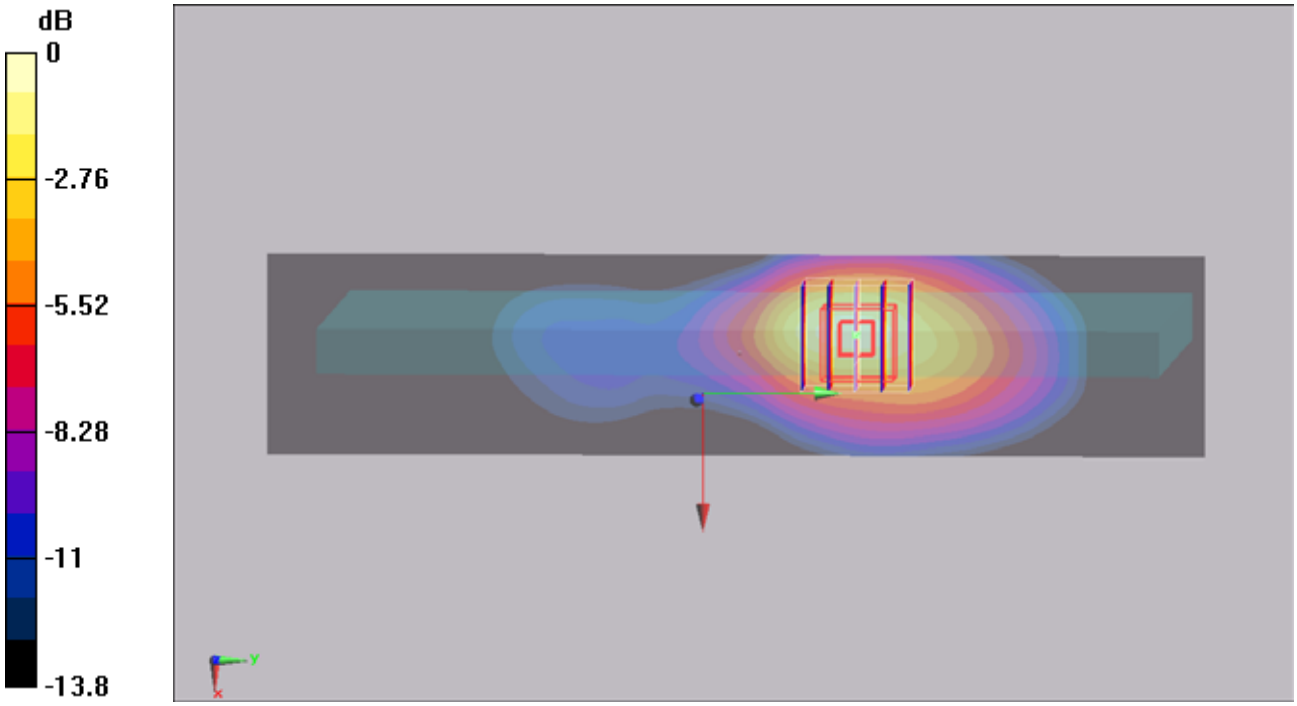
**DUT: 132945**

Communication System: LTE; Frequency: 711 MHz;Duty Cycle: 1:1
Medium: MSL_750_110611 Medium parameters used: f = 711 MHz; $\sigma$ = 0.944 mho/m; $\varepsilon_r$ = 55.6; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch711/Area Scan (31x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.714 mW/g

**Ch711/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.5 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 1.36 W/kg
**SAR(1 g) = 0.702 mW/g; SAR(10 g) = 0.385 mW/g**
Maximum value of SAR (measured) = 0.780 mW/g




0 dB = 0.780mW/g

**#19 LTE Band 17_QPSK(1-0)_Secondary Landscape_0cm_Ch23780**

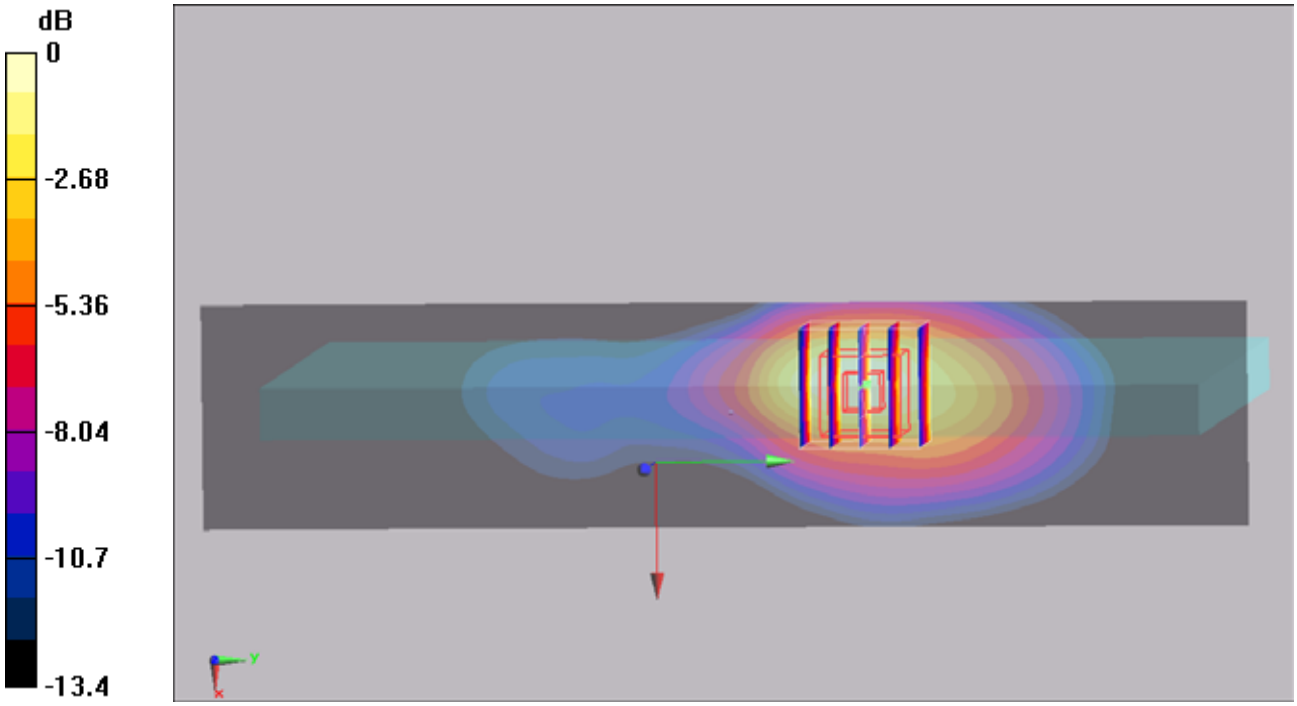
**DUT: 132945**

Communication System: LTE; Frequency: 709 MHz;Duty Cycle: 1:1
Medium: MSL_750_110611 Medium parameters used: f = 709 MHz; $\sigma$ = 0.942 mho/m; $\varepsilon_r$ = 55.6; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.3 ℃； Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch709/Area Scan (31x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.896 mW/g

**Ch709/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16 V/m; Power Drift = 0.0736 dB
Peak SAR (extrapolated) = 1.59 W/kg
**SAR(1 g) = 0.832 mW/g; SAR(10 g) = 0.459 mW/g**
Maximum value of SAR (measured) = 0.901 mW/g




0 dB = 0.901mW/g

**#20 LTE Band 17_QPSK(1-49)_Secondary Landscape_0cm_Ch23780**

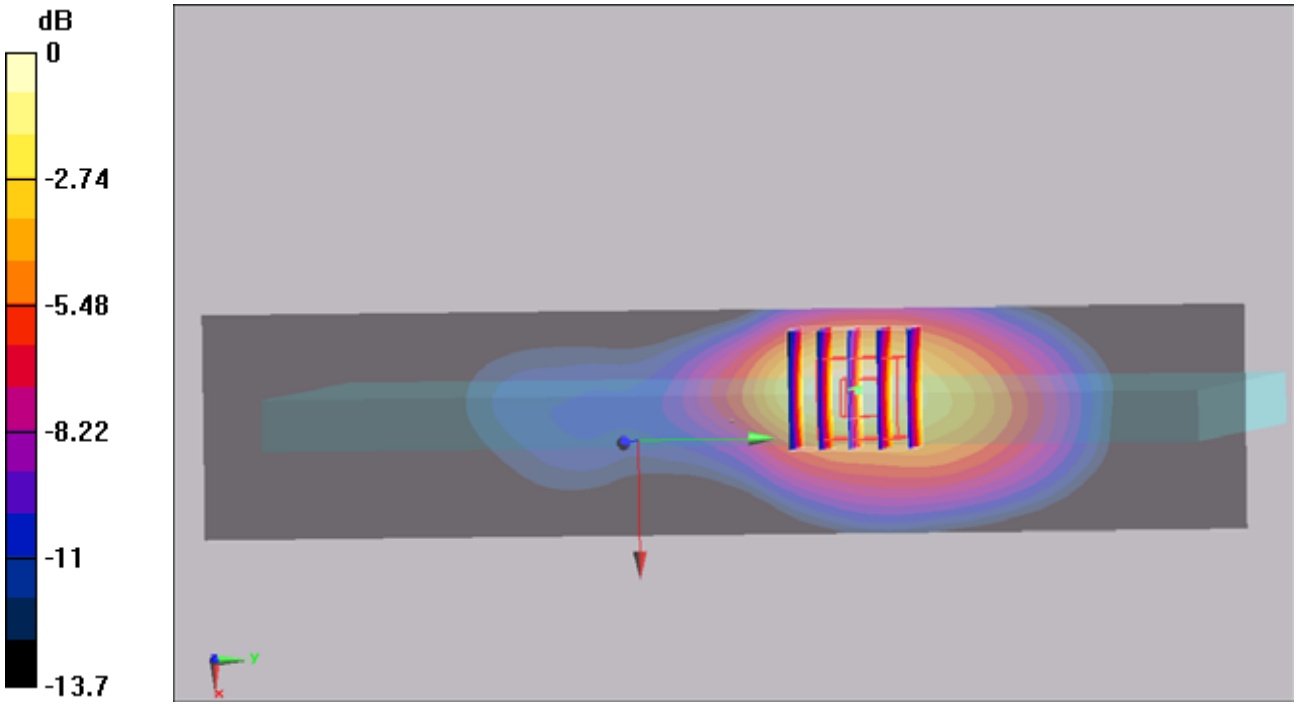
**DUT: 132945**

Communication System: LTE; Frequency: 709 MHz;Duty Cycle: 1:1
Medium: MSL_750_110611 Medium parameters used: f = 709 MHz; $\sigma$ = 0.942 mho/m; $\varepsilon_r$ = 55.6; $\rho$ = 1000 kg/$m^3$
Ambient Temperature：22.3 ℃； Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch709/Area Scan (31x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.893 mW/g

**Ch709/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.3 V/m; Power Drift = 0.175 dB
Peak SAR (extrapolated) = 1.6 W/kg
**SAR(1 g) = 0.836 mW/g; SAR(10 g) = 0.460 mW/g**
Maximum value of SAR (measured) = 0.923 mW/g




0 dB = 0.923mW/g

**#42 LTE Band 17_16QAM(25-13)_Rear Face _0cm_Ch23780_Earphone**

**DUT: 132945**

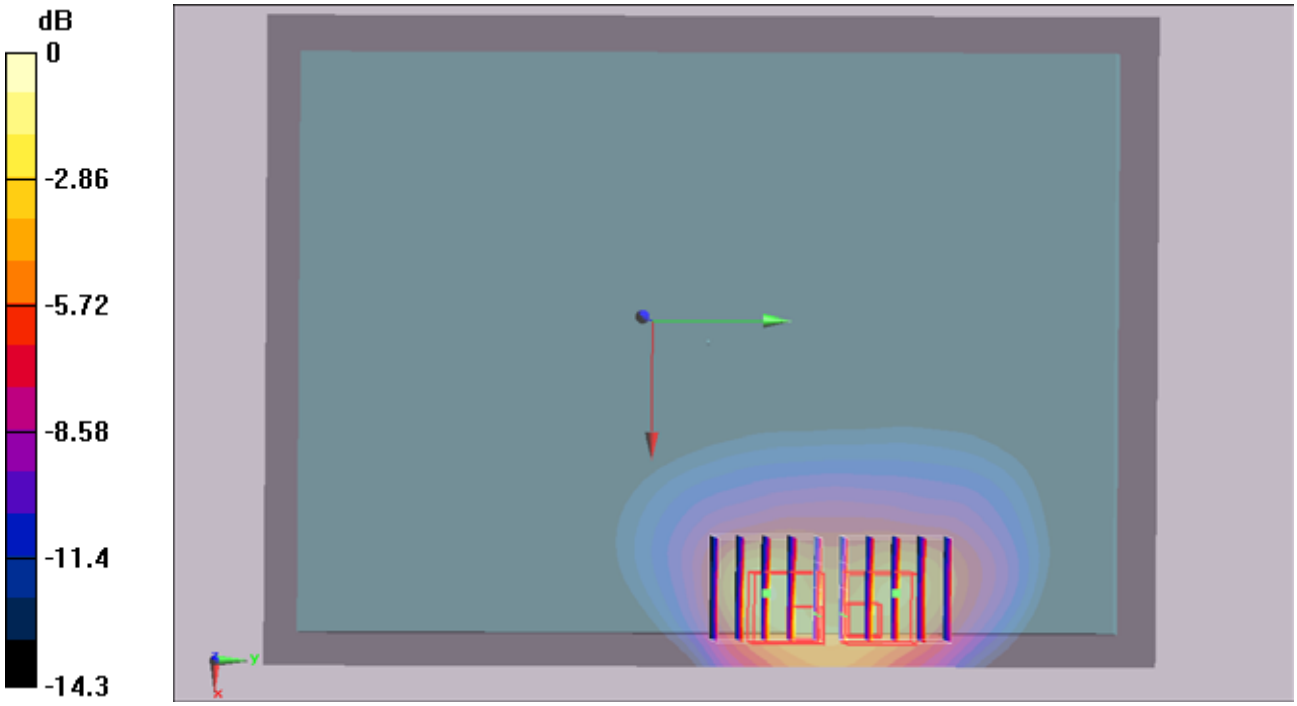
Communication System: LTE; Frequency: 709 MHz;Duty Cycle: 1:1
Medium: MSL_750_110611 Medium parameters used: f = 709 MHz; $\sigma$ = 0.942 mho/m; $\varepsilon_r$ = 55.6; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch709/Area Scan (101x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.644 mW/g

**Ch709/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.88 V/m; Power Drift = 0.0436 dB
Peak SAR (extrapolated) = 1.94 W/kg
**SAR(1 g) = 0.936 mW/g; SAR(10 g) = 0.455 mW/g**
Maximum value of SAR (measured) = 1.08 mW/g

**Ch709/Zoom Scan (5x5x7)/Cube 1:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.88 V/m; Power Drift = 0.136 dB
Peak SAR (extrapolated) = 1.67 W/kg
**SAR(1 g) = 0.797 mW/g; SAR(10 g) = 0.405 mW/g**
Maximum value of SAR (measured) = 0.969 mW/g




0 dB = 0.969mW/g

**#43 LTE Band 17_16QAM(1-0)_Rear Face _0cm_Ch23780_Earphone**

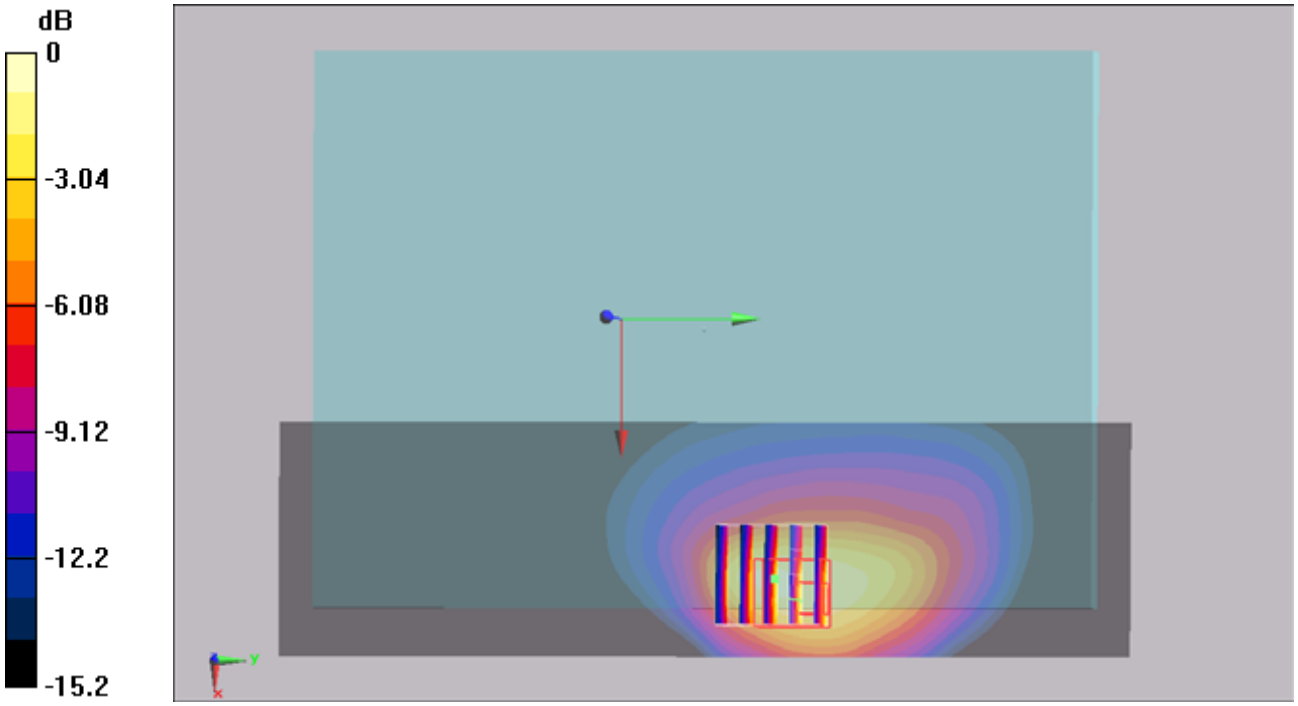
**DUT: 132945**

Communication System: LTE; Frequency: 709 MHz;Duty Cycle: 1:1
Medium: MSL_750_110611 Medium parameters used: f = 709 MHz; $\sigma$ = 0.942 mho/m; $\varepsilon_r$ = 55.6; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch709/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.968 mW/g

**Ch709/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.96 V/m; Power Drift = 0.038 dB
Peak SAR (extrapolated) = 1.92 W/kg
**SAR(1 g) = 0.985 mW/g; SAR(10 g) = 0.507 mW/g**
Maximum value of SAR (measured) = 1.11 mW/g




0 dB = 1.11mW/g

**#44 LTE Band 17_16QAM(1-49)_Rear Face _0cm_Ch23780_Earphone**

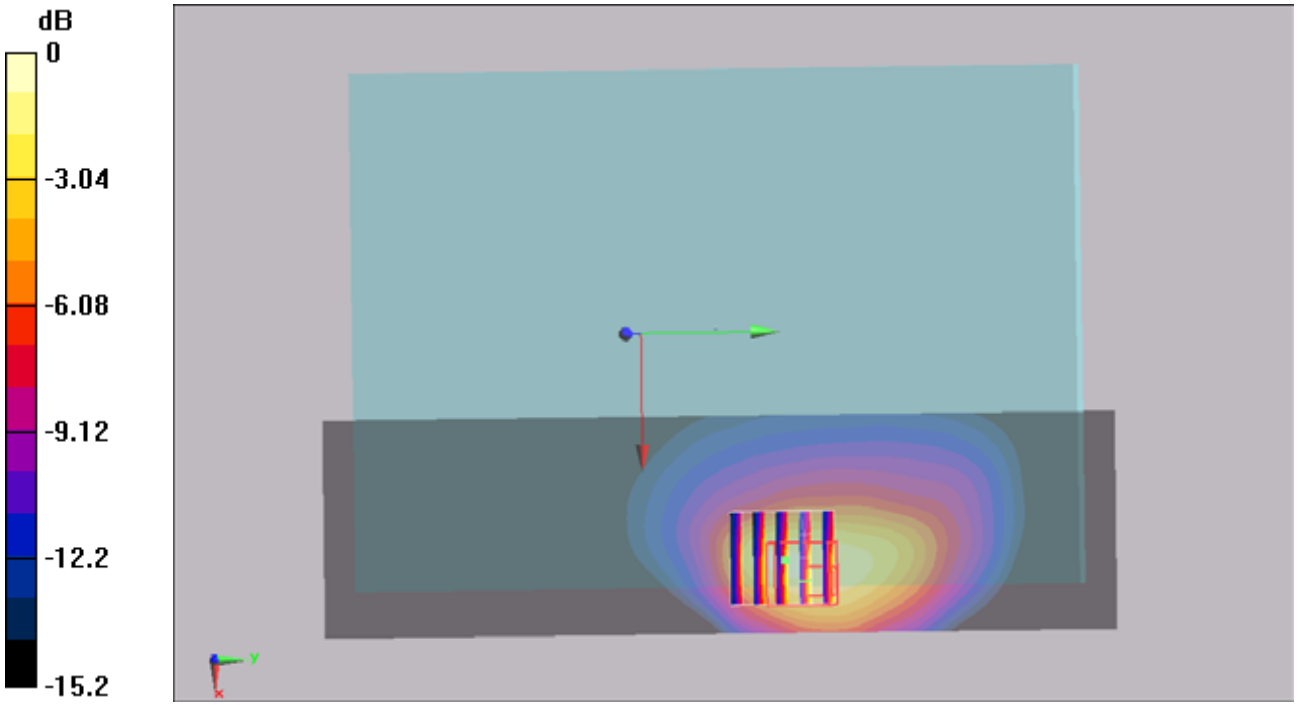
**DUT: 132945**

Communication System: LTE; Frequency: 709 MHz;Duty Cycle: 1:1
Medium: MSL_750_110611 Medium parameters used: f = 709 MHz; $\sigma$ = 0.942 mho/m; $\varepsilon_r$ = 55.6; $\rho$ = 1000 kg/$m^3$
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch709/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.964 mW/g

**Ch709/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.97 V/m; Power Drift = 0.138 dB
Peak SAR (extrapolated) = 1.93 W/kg
**SAR(1 g) = 0.986 mW/g; SAR(10 g) = 0.508 mW/g**
Maximum value of SAR (measured) = 1.11 mW/g




0 dB = 1.11mW/g

**#44 LTE Band 17_16QAM(1-49)_Rear Face _0cm_Ch23780_Earphone_2D**

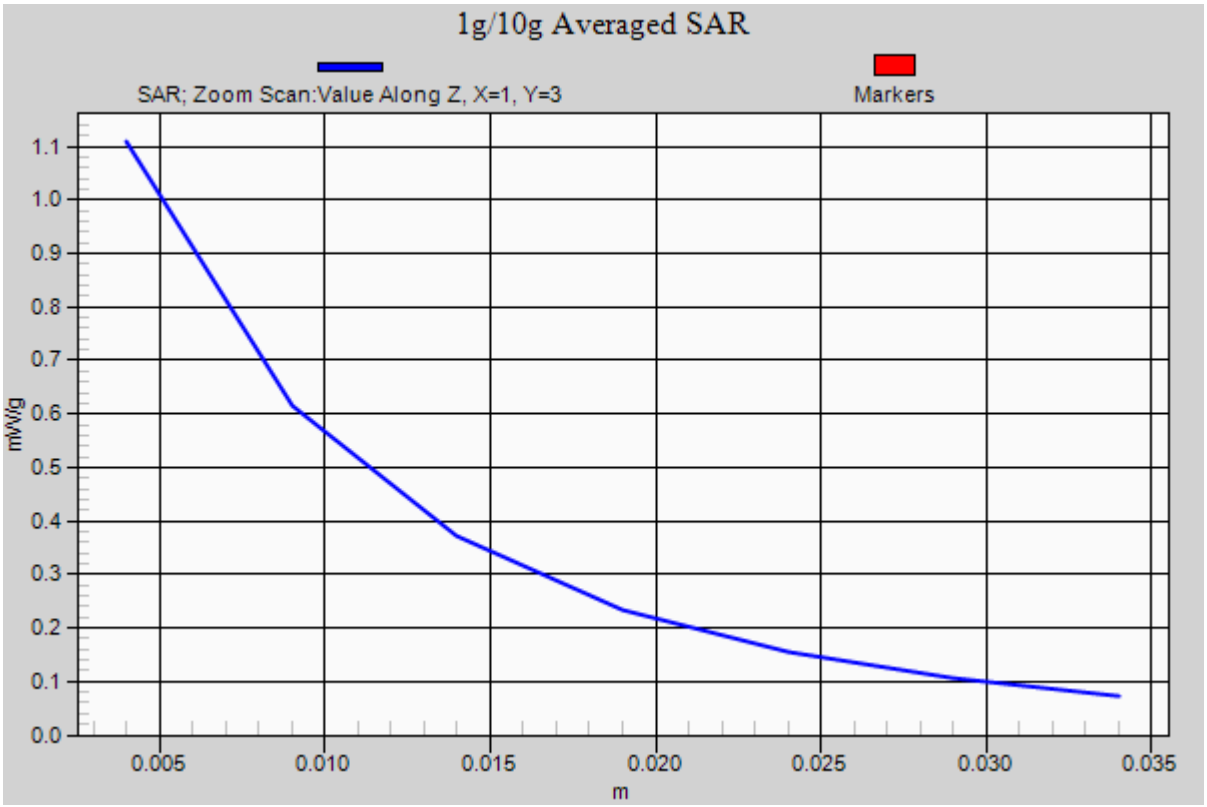
**DUT: 132945**

Communication System: LTE; Frequency: 709 MHz;Duty Cycle: 1:1
Medium: MSL_750_110611 Medium parameters used: f = 709 MHz; $\sigma$ = 0.942 mho/m; $\varepsilon_r$ = 55.6; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.6 ℃； Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch709/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.964 mW/g

**Ch709/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 2.97 V/m; Power Drift = 0.138 dB
Peak SAR (extrapolated) = 1.93 W/kg
**SAR(1 g) = 0.986 mW/g; SAR(10 g) = 0.508 mW/g**
Maximum value of SAR (measured) = 1.11 mW/g



**#37 LTE Band 17_16QAM(25-13)_Secondary Landscape_0cm_Ch23780**

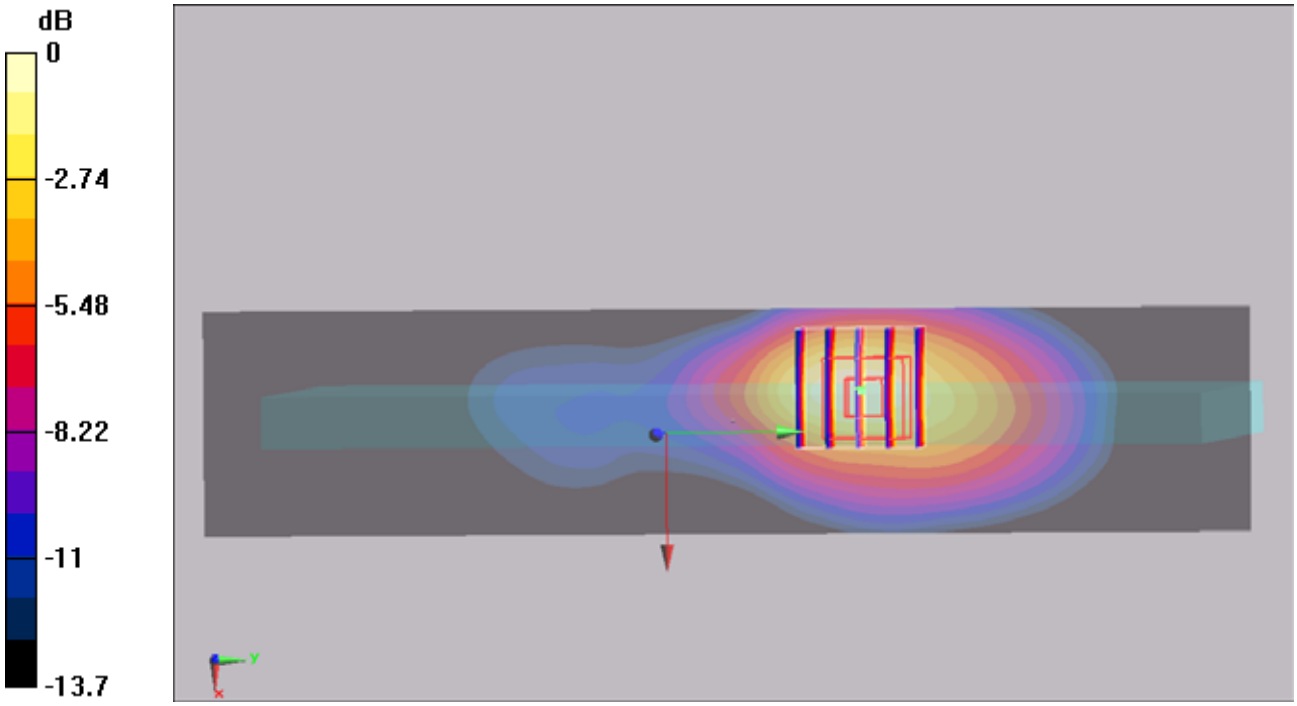
**DUT: 132945**

Communication System: LTE; Frequency: 709 MHz;Duty Cycle: 1:1
Medium: MSL_750_110611 Medium parameters used: f = 709 MHz; $\sigma$ = 0.942 mho/m; $\varepsilon_r$ = 55.6; $\rho$ = 1000 kg/$m^3$
Ambient Temperature：22.3 ℃； Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch709/Area Scan (31x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.875 mW/g

**Ch709/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.2 V/m; Power Drift = 0.130 dB
Peak SAR (extrapolated) = 1.58 W/kg
**SAR(1 g) = 0.825 mW/g; SAR(10 g) = 0.454 mW/g**
Maximum value of SAR (measured) = 0.909 mW/g




0 dB = 0.909mW/g

**#38 LTE Band 17_16QAM(1-0)_Secondary Landscape_0cm_Ch23780**

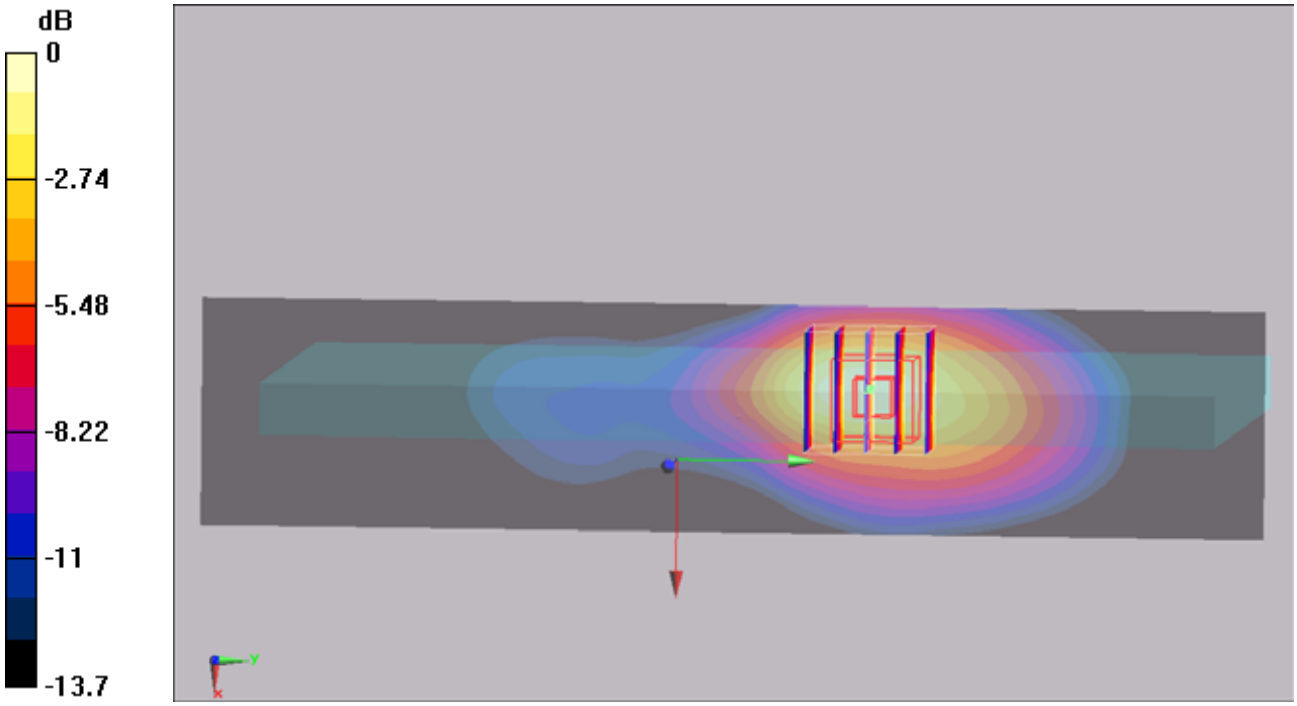
**DUT: 132945**

Communication System: LTE; Frequency: 709 MHz;Duty Cycle: 1:1
Medium: MSL_750_110611 Medium parameters used: f = 709 MHz; $\sigma$ = 0.942 mho/m; $\varepsilon_r$ = 55.6; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.3 ℃; Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch709/Area Scan (31x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.901 mW/g

**Ch709/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.4 V/m; Power Drift = 0.125 dB
Peak SAR (extrapolated) = 1.61 W/kg
**SAR(1 g) = 0.845 mW/g; SAR(10 g) = 0.466 mW/g**
Maximum value of SAR (measured) = 0.931 mW/g




0 dB = 0.931mW/g

**#39 LTE Band 17_16QAM(1-49)_Secondary Landscape_0cm_Ch23780**

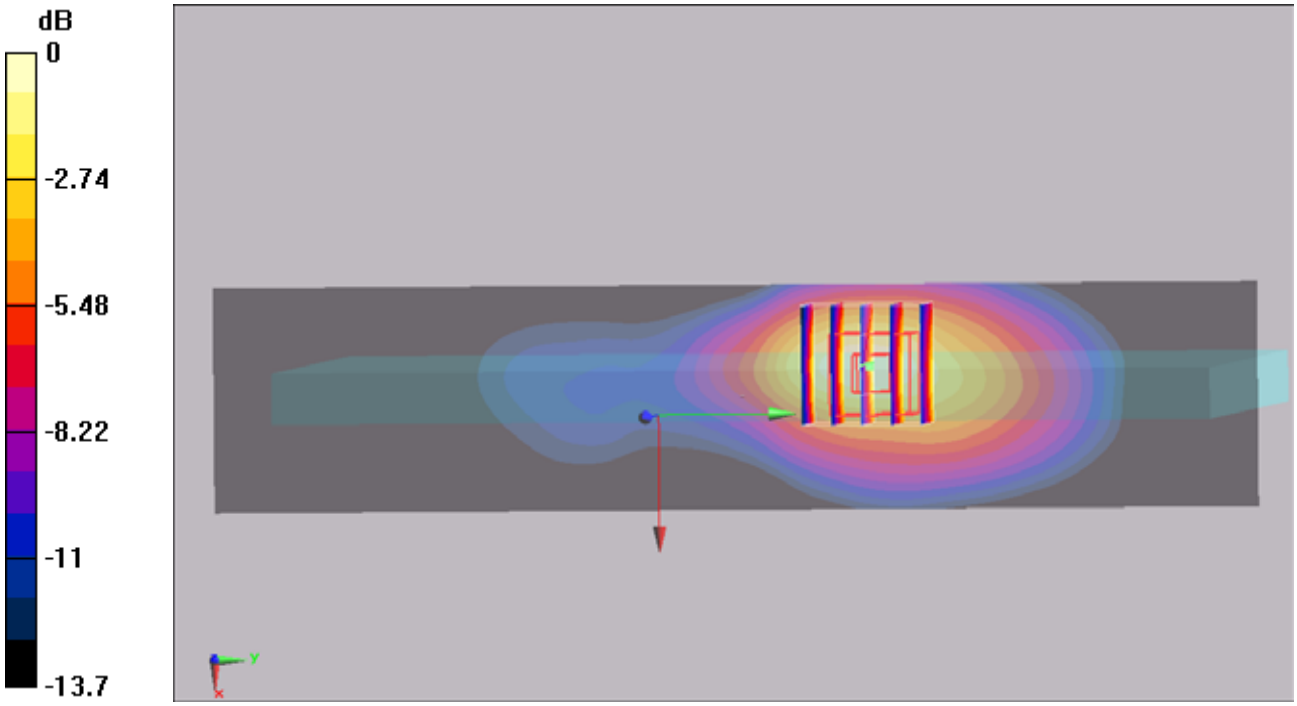
**DUT: 132945**

Communication System: LTE; Frequency: 709 MHz;Duty Cycle: 1:1
Medium: MSL_750_110611 Medium parameters used: f = 709 MHz; $\sigma$ = 0.942 mho/m; $\varepsilon_r$ = 55.6; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.3 ℃； Liquid Temperature：21.3 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(8.81, 8.81, 8.81); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch709/Area Scan (31x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.902 mW/g

**Ch709/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.5 V/m; Power Drift = 0.109 dB
Peak SAR (extrapolated) = 1.63 W/kg
**SAR(1 g) = 0.851 mW/g; SAR(10 g) = 0.468 mW/g**
Maximum value of SAR (measured) = 0.938 mW/g




0 dB = 0.938mW/g

**#21 LTE Band 4_QPSK(25-13)_Rear Face _0cm_Ch20175_Earphone**

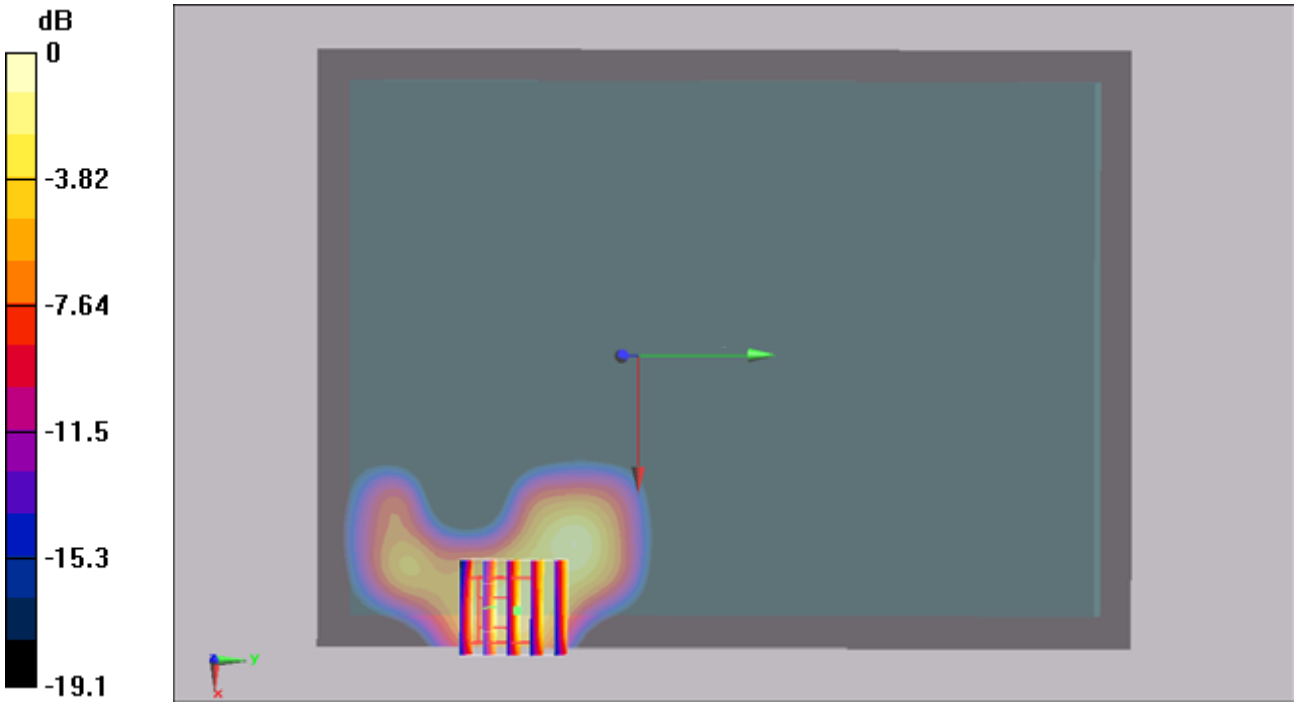
**DUT: 132945**

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110611 Medium parameters used : f = 1732.5 MHz; $\sigma$ = 1.49 mho/m; $\varepsilon_r$ = 52.5; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.6 ℃； Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch20175/Area Scan (101x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.696 mW/g

**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.538 V/m; Power Drift = 0.166 dB
Peak SAR (extrapolated) = 1.56 W/kg
**SAR(1 g) = 0.778 mW/g; SAR(10 g) = 0.388 mW/g**
Maximum value of SAR (measured) = 0.891 mW/g




0 dB = 0.891mW/g

**#24 LTE Band 4_QPSK(1-0)_Rear Face _0cm_Ch20175_Earphone**

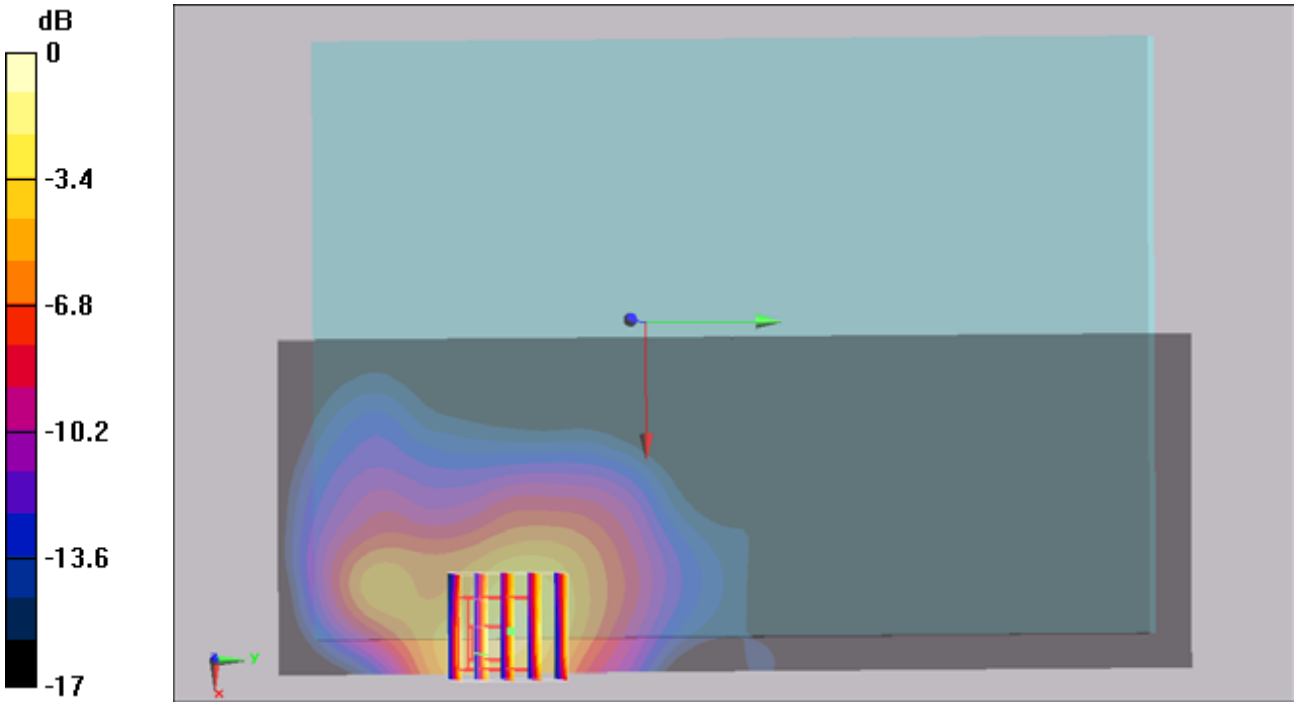
**DUT: 132945**

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110611 Medium parameters used : f = 1732.5 MHz; $\sigma$ = 1.49 mho/m; $\varepsilon_r$ = 52.5; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch20175/Area Scan (51x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.468 mW/g

**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.16 V/m; Power Drift = -0.121 dB
Peak SAR (extrapolated) = 1.36 W/kg
**SAR(1 g) = 0.695 mW/g; SAR(10 g) = 0.365 mW/g**
Maximum value of SAR (measured) = 0.730 mW/g




0 dB = 0.730mW/g

**#25 LTE Band 4_QPSK(1-49)_Rear Face _0cm_Ch20175_Earphone**

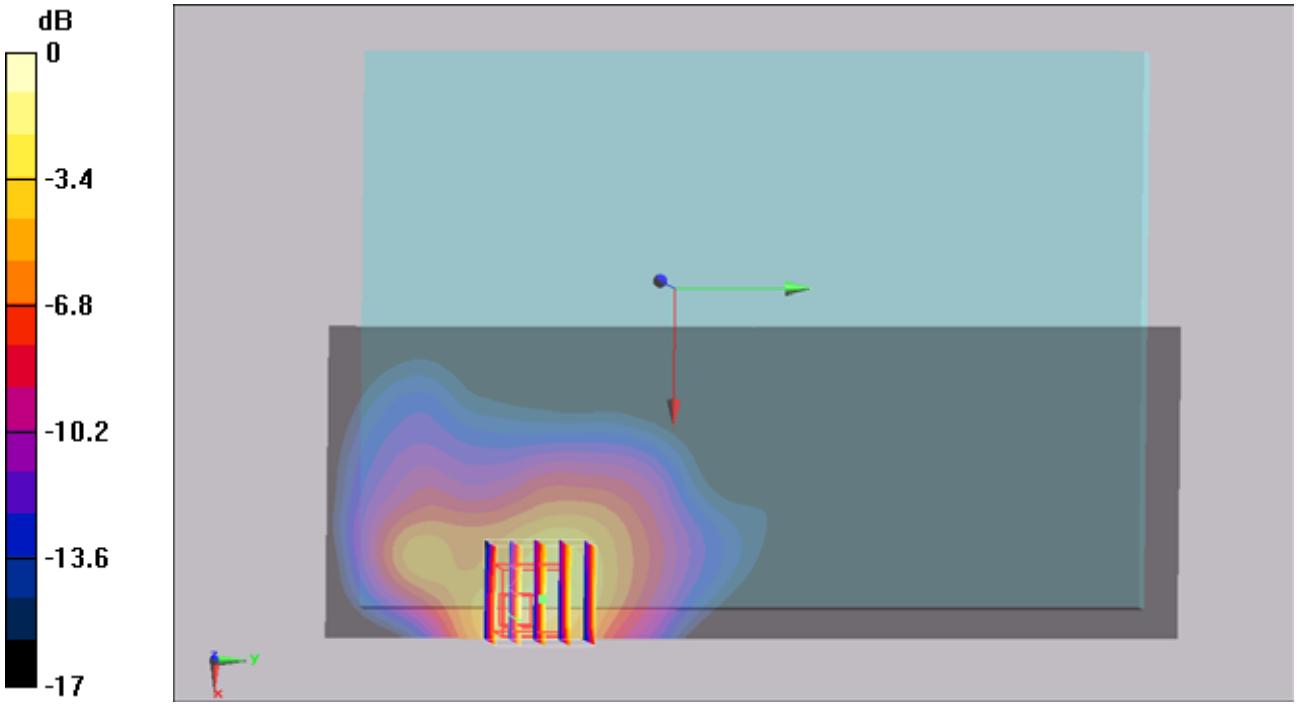
**DUT: 132945**

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110611 Medium parameters used : f = 1732.5 MHz; $\sigma$ = 1.49 mho/m; $\varepsilon_r$ = 52.5; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch20175/Area Scan (51x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.476 mW/g

**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.948 V/m; Power Drift = 0.152 dB
Peak SAR (extrapolated) = 1.38 W/kg
**SAR(1 g) = 0.697 mW/g; SAR(10 g) = 0.366 mW/g**
Maximum value of SAR (measured) = 0.731 mW/g




0 dB = 0.731mW/g

**#26 LTE Band 4_QPSK(25-13)_Secondary Landscape_0cm_Ch20175**

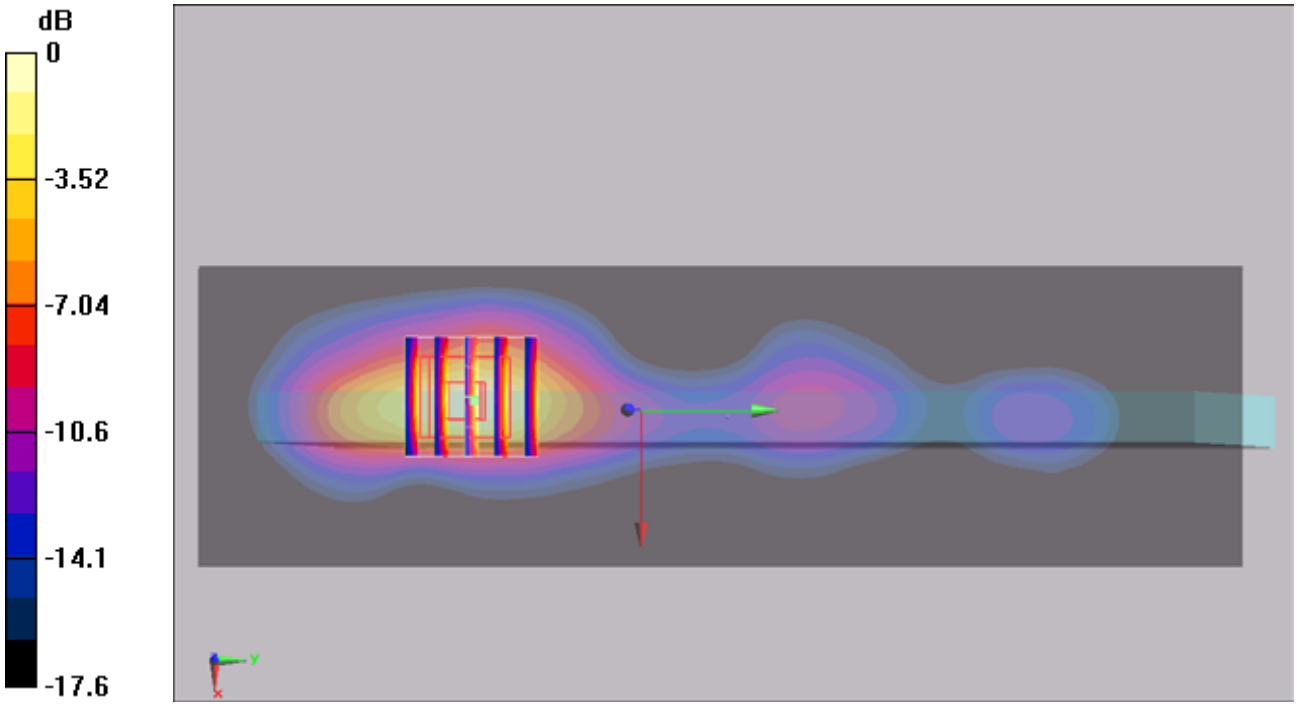
**DUT: 132945**

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110611 Medium parameters used : f = 1732.5 MHz; $\sigma$ = 1.49 mho/m; $\varepsilon_r$ = 52.5; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch20175/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.24 mW/g

**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.84 V/m; Power Drift = 0.117 dB
Peak SAR (extrapolated) = 2.27 W/kg
**SAR(1 g) = 1.19 mW/g; SAR(10 g) = 0.598 mW/g**
Maximum value of SAR (measured) = 1.33 mW/g




0 dB = 1.33mW/g

**#35 LTE Band 4_QPSK(25-13)_Secondary Landscape_0cm_Ch20000_Earphone**

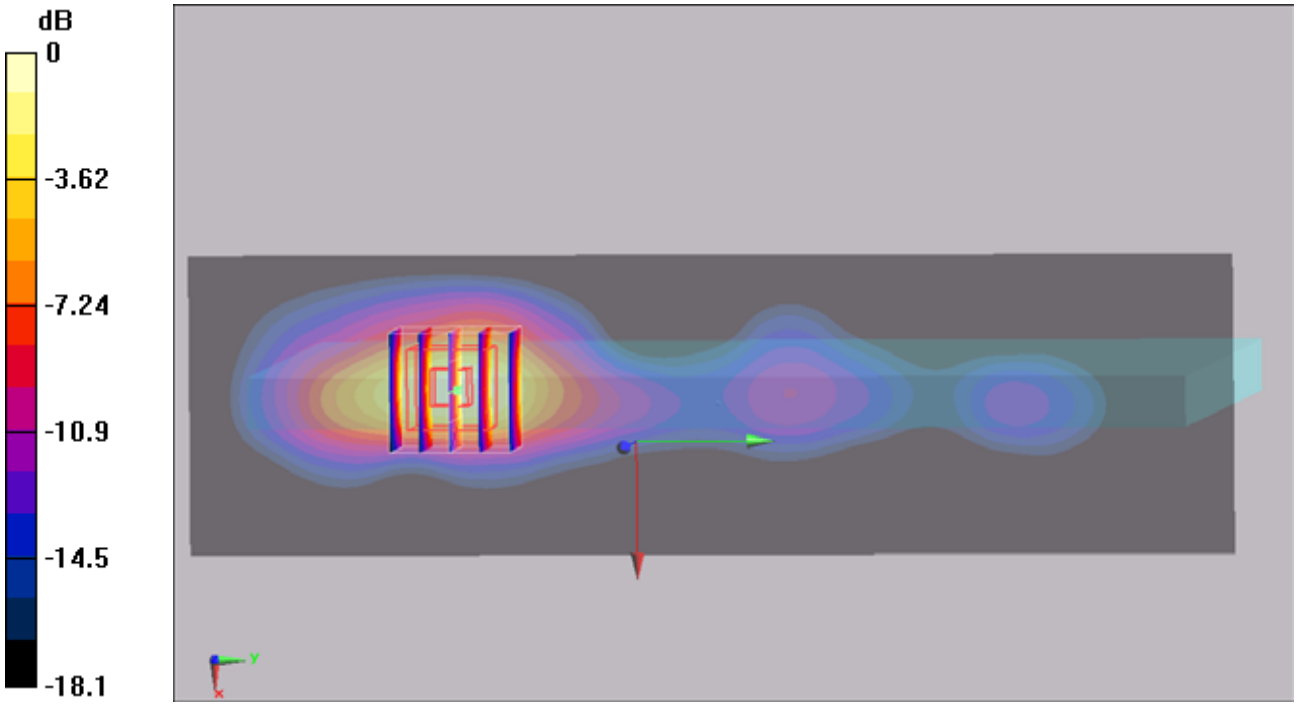
**DUT: 132945**

Communication System: LTE; Frequency: 1715 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110611 Medium parameters used: f = 1715 MHz; $\sigma$ = 1.47 mho/m; $\varepsilon_r$ = 52.5; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch20000/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.08 mW/g

**Ch20000/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.95 V/m; Power Drift = 0.156 dB
Peak SAR (extrapolated) = 1.92 W/kg
**SAR(1 g) = 1 mW/g; SAR(10 g) = 0.500 mW/g**
Maximum value of SAR (measured) = 1.14 mW/g




0 dB = 1.14mW/g

**#36 LTE Band 4_QPSK(25-13)_Secondary Landscape_0cm_Ch20350_Earphone**

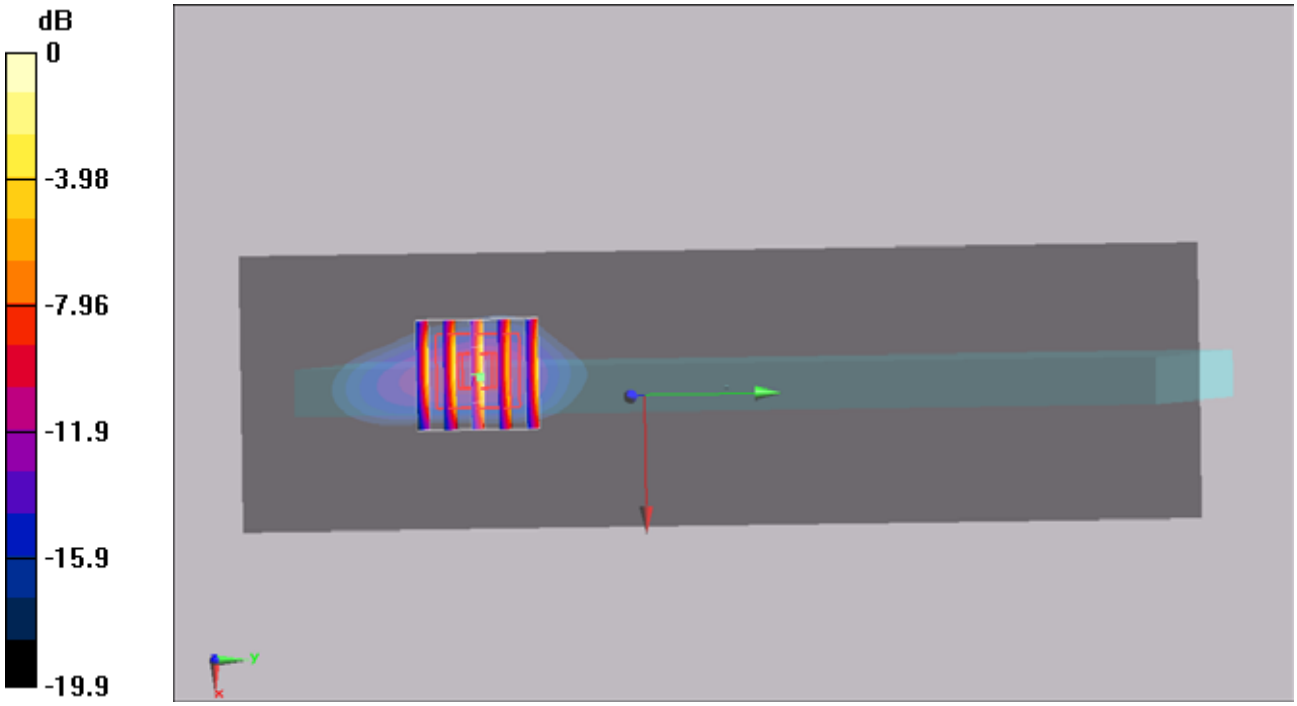
**DUT: 132945**

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110611 Medium parameters used: f = 1750 MHz; $\sigma$ = 1.51 mho/m; $\varepsilon_r$ = 52.4; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch20350/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.121 mW/g

**Ch20350/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.68 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 2.36 W/kg
**SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.599 mW/g**
Maximum value of SAR (measured) = 1.38 mW/g




0 dB = 1.38mW/g

**#27 LTE Band 4_QPSK(1-0)_Secondary Landscape_0cm_Ch20350_Earphone**

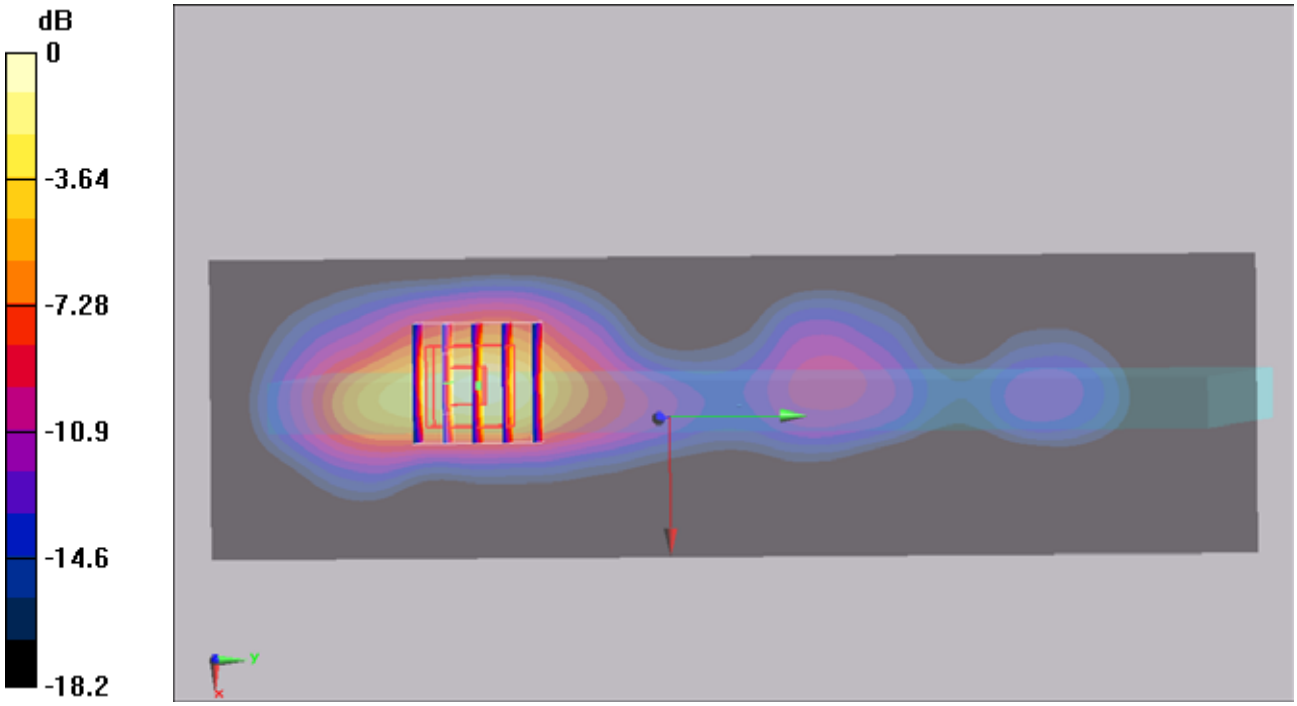
**DUT: 132945**

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110611 Medium parameters used: f = 1750 MHz; $\sigma$ = 1.51 mho/m; $\varepsilon_r$ = 52.4; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch20350/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.24 mW/g

**Ch20350/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.42 V/m; Power Drift = 0.117 dB
Peak SAR (extrapolated) = 2.4 W/kg
**SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.611 mW/g**
Maximum value of SAR (measured) = 1.41 mW/g




0 dB = 1.41mW/g

**#27 LTE Band 4_QPSK(1-0)_Secondary Landscape_0cm_Ch20350_Earphone_2D**

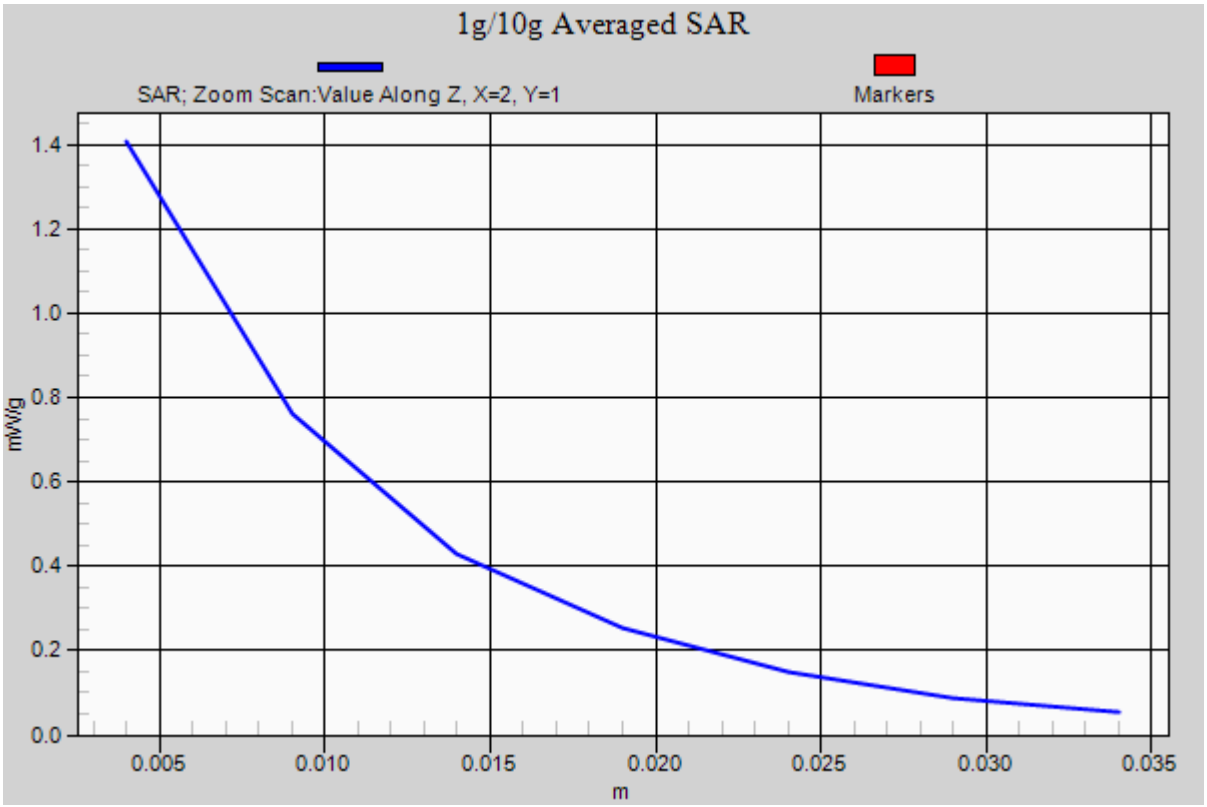
**DUT: 132945**

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110611 Medium parameters used: f = 1750 MHz; $\sigma$ = 1.51 mho/m; $\varepsilon_r$ = 52.4; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.6 ℃； Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch20350/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.24 mW/g

**Ch20350/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.42 V/m; Power Drift = 0.117 dB
Peak SAR (extrapolated) = 2.4 W/kg
**SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.611 mW/g**
Maximum value of SAR (measured) = 1.41 mW/g



**#28 LTE Band 4_QPSK(1-49)_Secondary Landscape_0cm_Ch20350_Earphone**

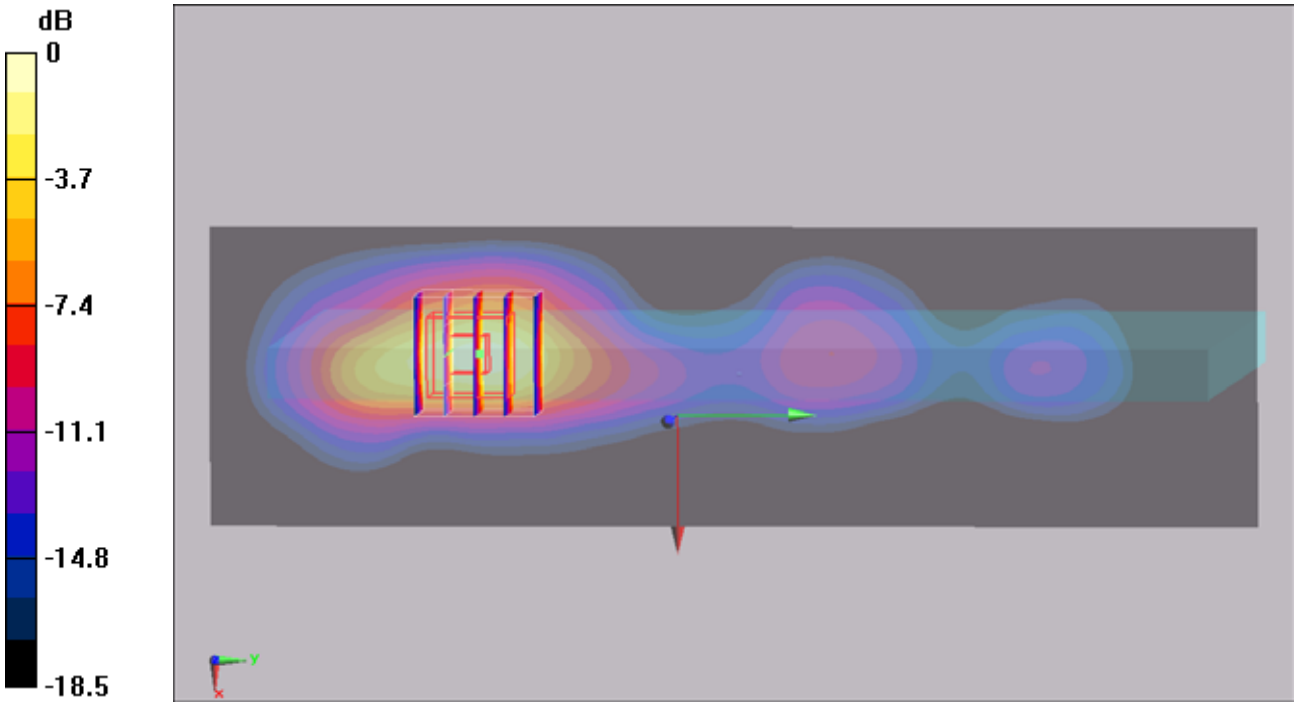
**DUT: 132945**

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110611 Medium parameters used: f = 1750 MHz; $\sigma$ = 1.51 mho/m; $\varepsilon_r$ = 52.4; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.6 ℃； Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch20350/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.24 mW/g

**Ch20350/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.44 V/m; Power Drift = 0.150 dB
Peak SAR (extrapolated) = 2.39 W/kg
**SAR(1 g) = 1.24 mW/g; SAR(10 g) = 0.608 mW/g**
Maximum value of SAR (measured) = 1.38 mW/g




0 dB = 1.38mW/g

**#29 LTE Band 4_16QAM(25-13)_Rear Face _0cm_Ch20175_Earphone**

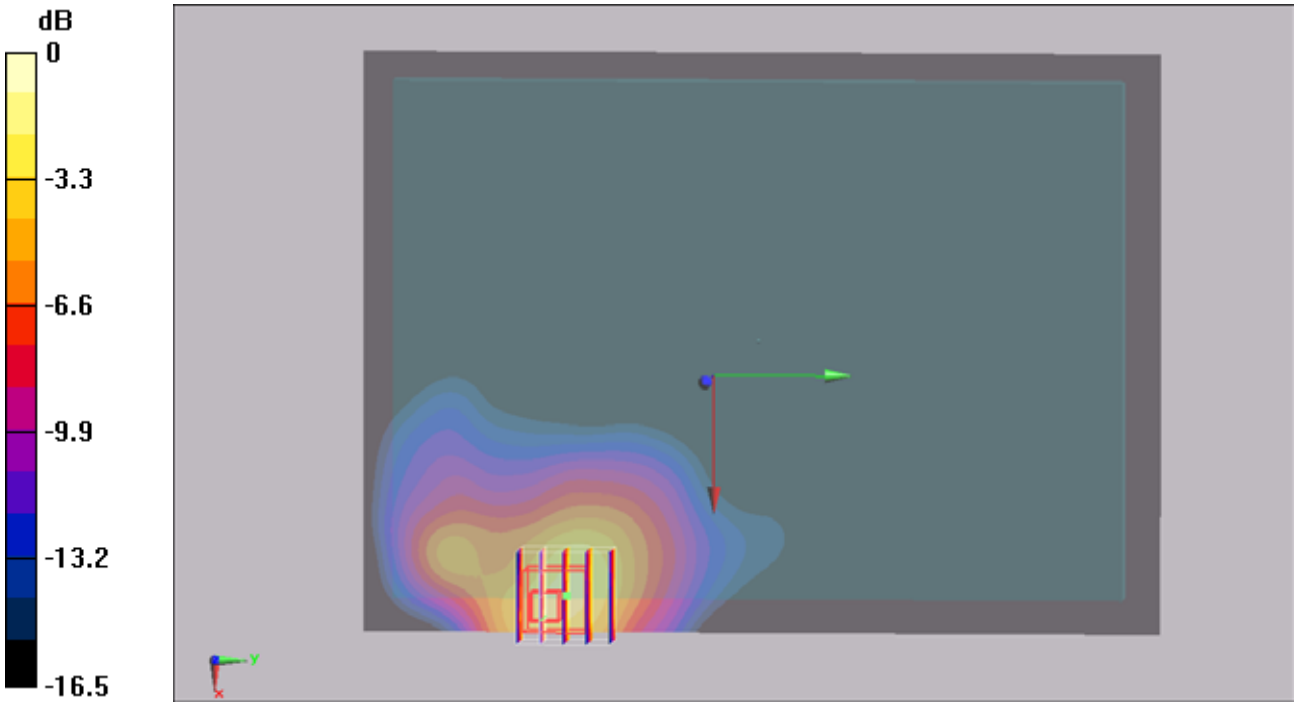
**DUT: 132945**

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110611 Medium parameters used : f = 1732.5 MHz; $\sigma$ = 1.49 mho/m; $\varepsilon_r$ = 52.5; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.6 ℃； Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch20175/Area Scan (101x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.513 mW/g

**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.770 V/m; Power Drift = 0.183 dB
Peak SAR (extrapolated) = 1.43 W/kg
**SAR(1 g) = 0.727 mW/g; SAR(10 g) = 0.382 mW/g**
Maximum value of SAR (measured) = 0.764 mW/g




0 dB = 0.764mW/g

**#30 LTE Band 4_16QAM(1-0)_Rear Face _0cm_Ch20175_Earphone**

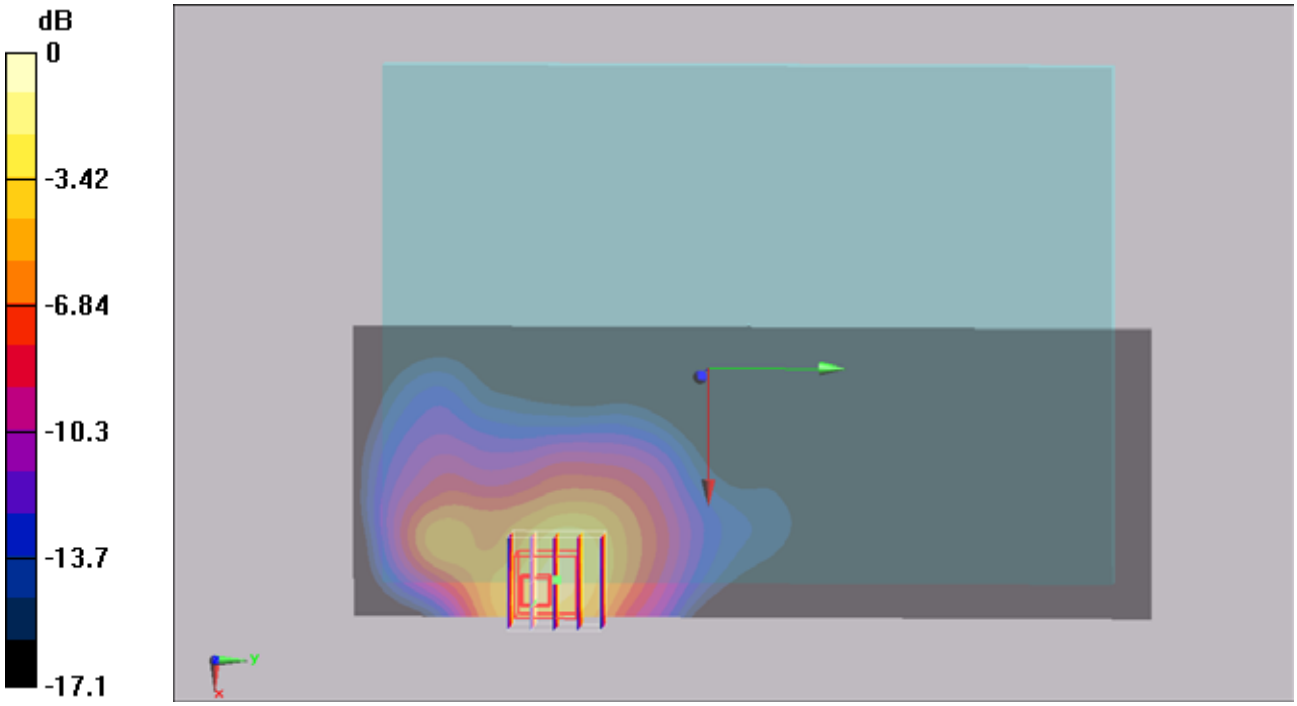
**DUT: 132945**

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110611 Medium parameters used : f = 1732.5 MHz; $\sigma$ = 1.49 mho/m; $\varepsilon_r$ = 52.5; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch20175/Area Scan (51x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.477 mW/g

**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.02 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 1.36 W/kg
**SAR(1 g) = 0.695 mW/g; SAR(10 g) = 0.366 mW/g**
Maximum value of SAR (measured) = 0.730 mW/g




0 dB = 0.730mW/g

**#31 LTE Band 4_16QAM(1-49)_Rear Face _0cm_Ch20175_Earphone**

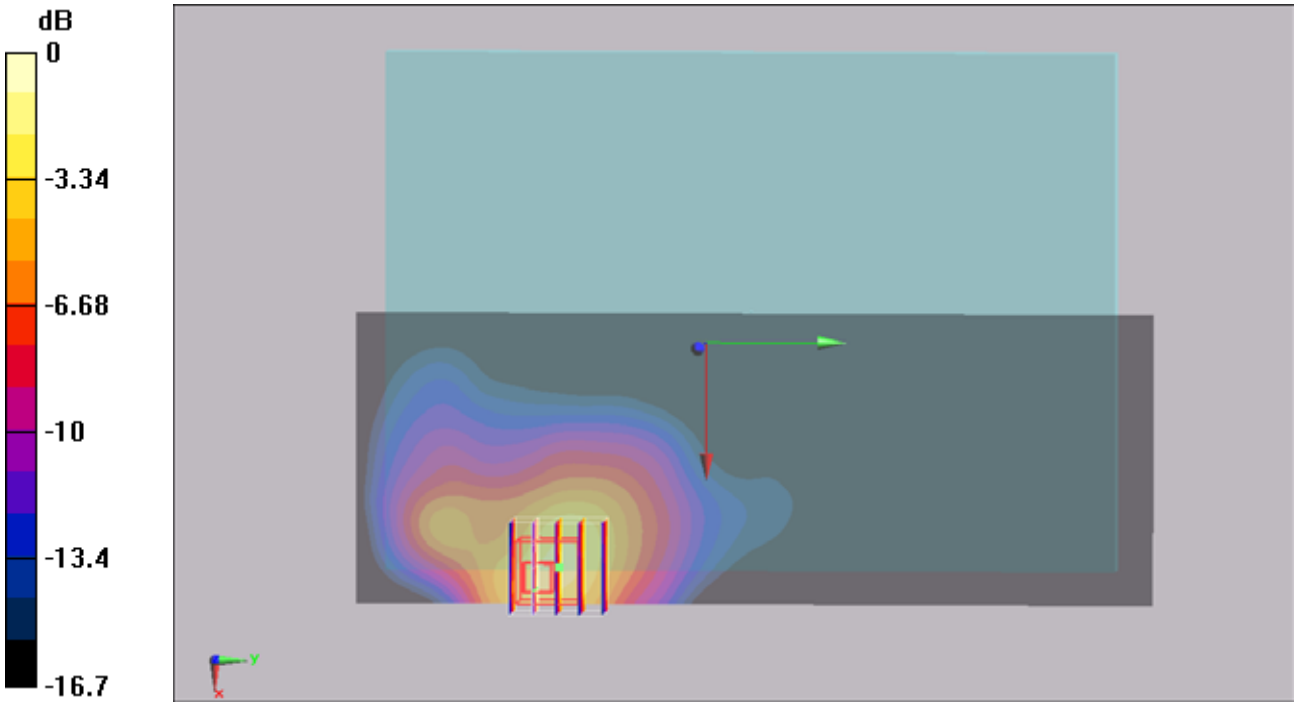
**DUT: 132945**

Communication System: LTE; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110611 Medium parameters used : f = 1732.5 MHz; $\sigma$ = 1.49 mho/m; $\varepsilon_r$ = 52.5; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch20175/Area Scan (51x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.481 mW/g

**Ch20175/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.01 V/m; Power Drift = 0.140 dB
Peak SAR (extrapolated) = 1.36 W/kg
**SAR(1 g) = 0.696 mW/g; SAR(10 g) = 0.366 mW/g**
Maximum value of SAR (measured) = 0.731 mW/g




0 dB = 0.731mW/g

**#32 LTE Band 4_16QAM(25-13)_Secondary Landscape_0cm_Ch20350_Earphone**

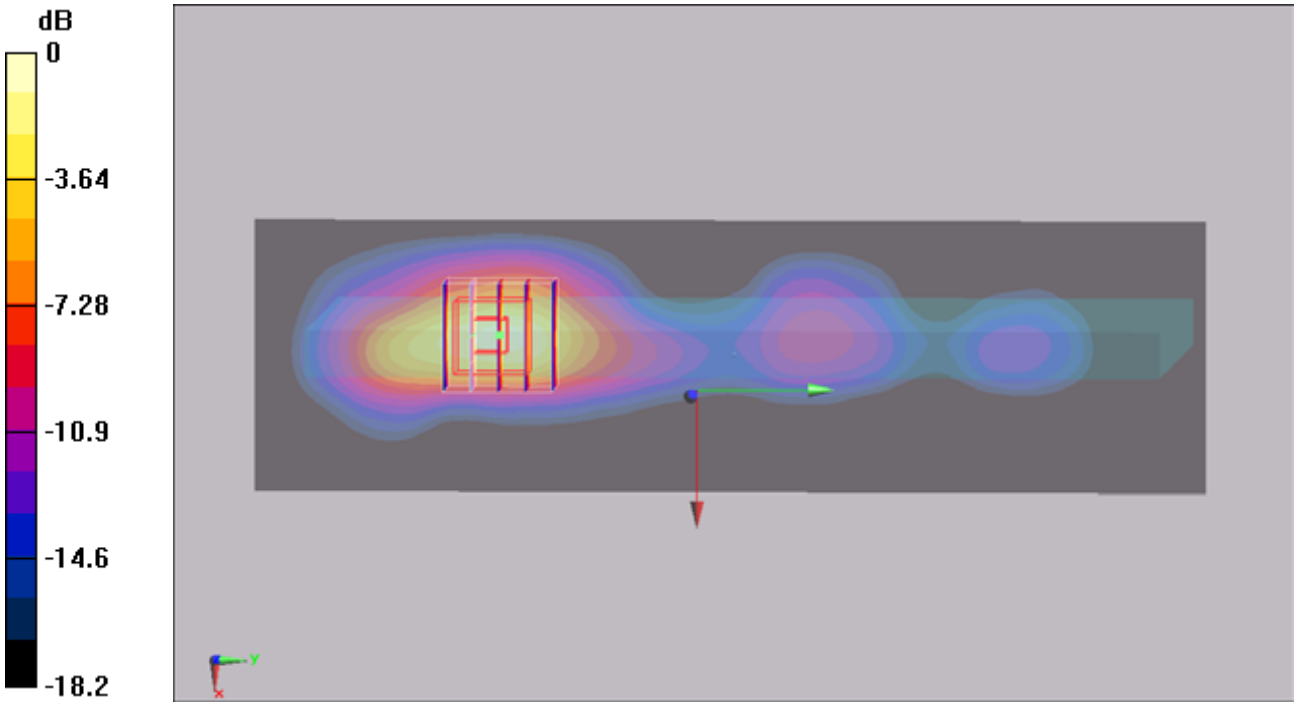
**DUT: 132945**

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110611 Medium parameters used: f = 1750 MHz; $\sigma$ = 1.51 mho/m; $\varepsilon_r$ = 52.4; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.6 ℃； Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch20350/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.24 mW/g

**Ch20350/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.39 V/m; Power Drift = 0.120 dB
Peak SAR (extrapolated) = 2.42 W/kg
**SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.616 mW/g**
Maximum value of SAR (measured) = 1.4 mW/g




0 dB = 1.4mW/g

**#33 LTE Band 4_16QAM(1-0)_Secondary Landscape_0cm_Ch20350_Earphone**

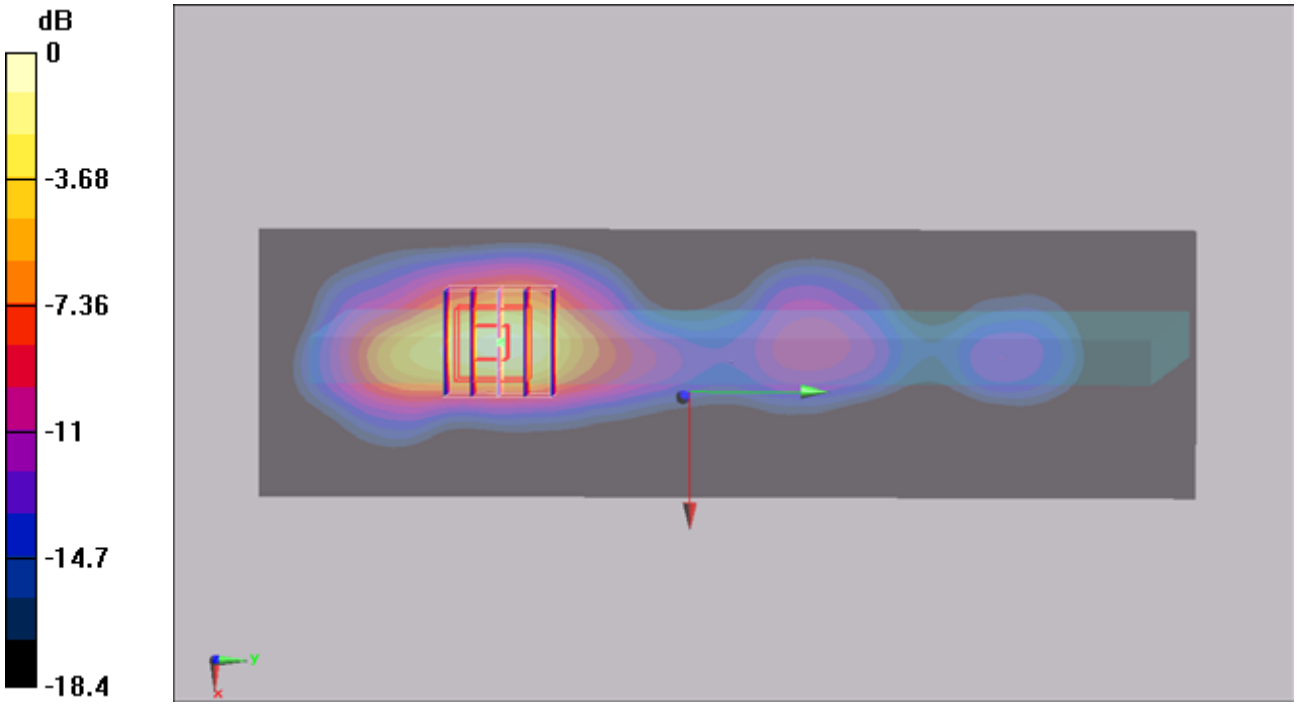
**DUT: 132945**

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110611 Medium parameters used: f = 1750 MHz; $\sigma$ = 1.51 mho/m; $\varepsilon_r$ = 52.4; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch20350/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.25 mW/g

**Ch20350/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.45 V/m; Power Drift = 0.165 dB
Peak SAR (extrapolated) = 2.47 W/kg
**SAR(1 g) = 1.27 mW/g; SAR(10 g) = 0.624 mW/g**
Maximum value of SAR (measured) = 1.43 mW/g




0 dB = 1.43mW/g

**#33 LTE Band 4_16QAM(1-0)_Secondary Landscape_0cm_Ch20350_Earphone_2D**

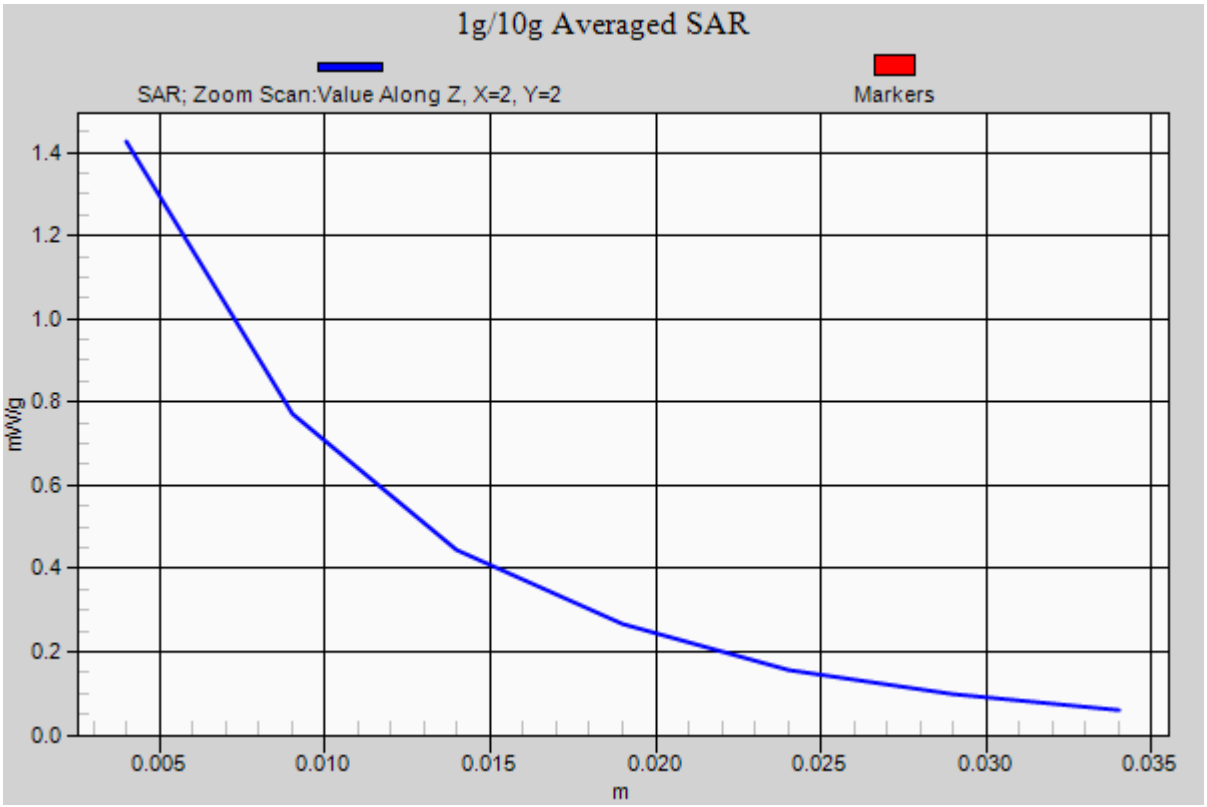
**DUT: 132945**

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110611 Medium parameters used: f = 1750 MHz; $\sigma$ = 1.51 mho/m; $\varepsilon_r$ = 52.4; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.6 ℃； Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch20350/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.25 mW/g

**Ch20350/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.45 V/m; Power Drift = 0.165 dB
Peak SAR (extrapolated) = 2.47 W/kg
**SAR(1 g) = 1.27 mW/g; SAR(10 g) = 0.624 mW/g**
Maximum value of SAR (measured) = 1.43 mW/g



**#34 LTE Band 4_16QAM(1-49)_Secondary Landscape_0cm_Ch20350_Earphone**

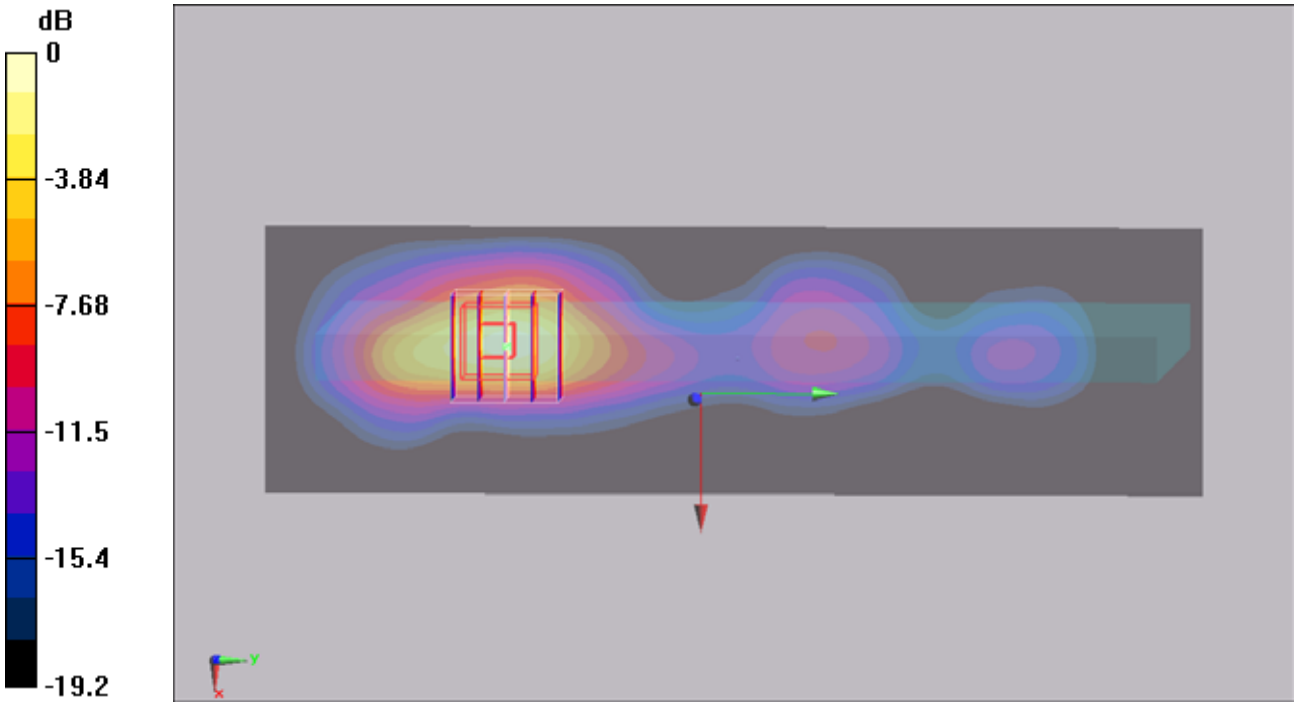
**DUT: 132945**

Communication System: LTE; Frequency: 1750 MHz;Duty Cycle: 1:1
Medium: MSL_1800_110611 Medium parameters used: f = 1750 MHz; $\sigma$ = 1.51 mho/m; $\varepsilon_r$ = 52.4; $\rho$ = 1000 kg/m$^3$
Ambient Temperature：22.6 ℃; Liquid Temperature：21.6 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.41, 7.41, 7.41); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch20350/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 1.26 mW/g

**Ch20350/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.55 V/m; Power Drift = 0.168 dB
Peak SAR (extrapolated) = 2.47 W/kg
**SAR(1 g) = 1.27 mW/g; SAR(10 g) = 0.621 mW/g**
Maximum value of SAR (measured) = 1.43 mW/g




0 dB = 1.43mW/g

**#01 802.11b_ Rear Face_0cm_Ch11_Earphone**

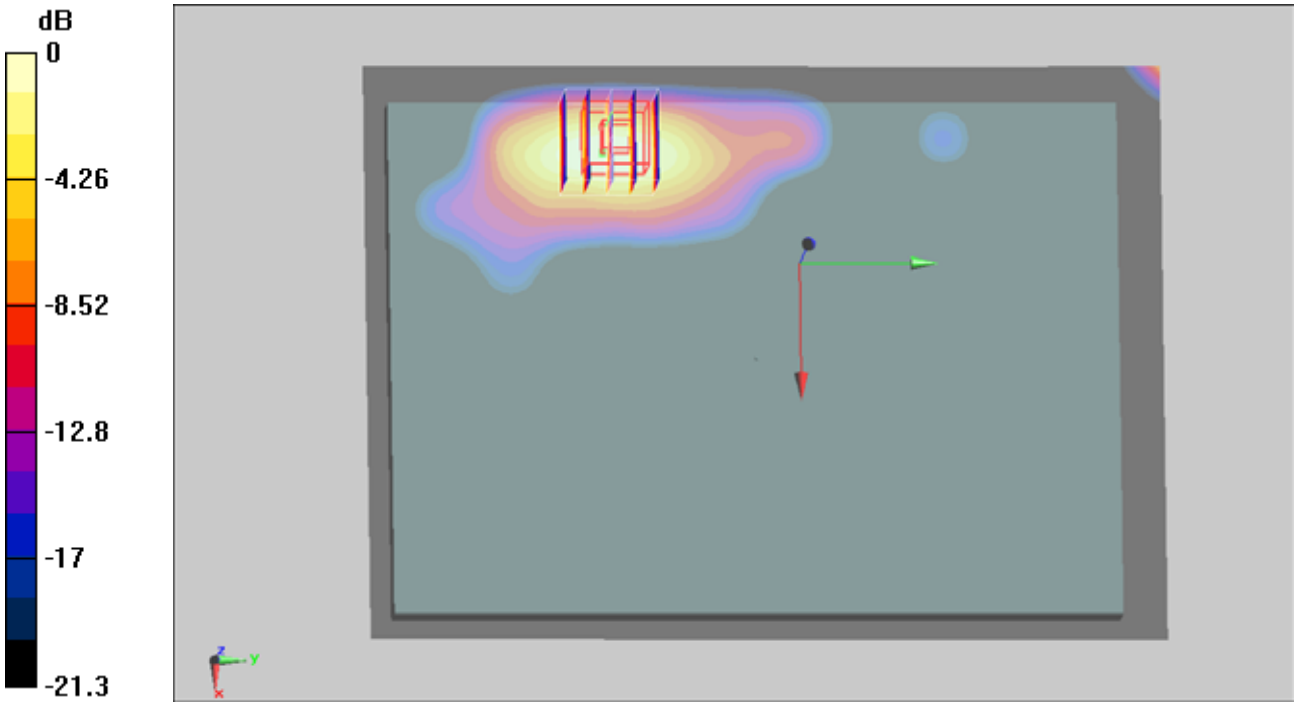
**DUT: 132945**

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_110614 Medium parameters used: f = 2462 MHz; $\sigma$ = 1.94 mho/m; $\varepsilon_r$ = 53.2; $\rho$ = 1000 $kg/m^3$
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.02, 7.02, 7.02); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch11/Area Scan (101x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.717 mW/g

**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 0.504 V/m; Power Drift = 0.182 dB
Peak SAR (extrapolated) = 1.29 W/kg
**SAR(1 g) = 0.599 mW/g; SAR(10 g) = 0.297 mW/g**
Maximum value of SAR (measured) = 0.640 mW/g




0 dB = 0.640mW/g

**#02 802.11b_ Primary Landscape_0cm_Ch11_Earphone**

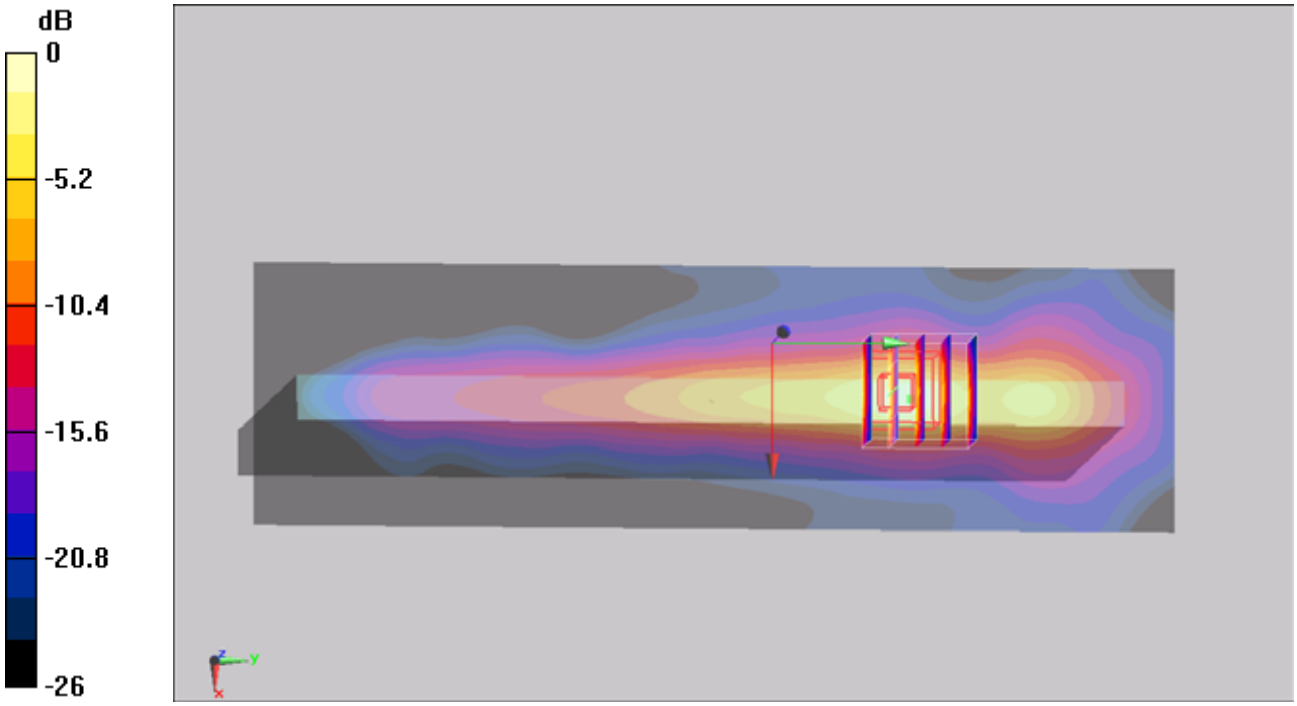
**DUT: 132945**

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_110614 Medium parameters used: f = 2462 MHz; $\sigma$ = 1.94 mho/m; $\varepsilon_r$ = 53.2; $\rho$ = 1000 $kg/m^3$
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.02, 7.02, 7.02); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch11/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.843 mW/g

**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.88 V/m; Power Drift = 0.178 dB
Peak SAR (extrapolated) = 1.94 W/kg
**SAR(1 g) = 0.750 mW/g; SAR(10 g) = 0.283 mW/g**
Maximum value of SAR (measured) = 0.897 mW/g




0 dB = 0.897mW/g

**#02 802.11b_ Primary Landscape_0cm_Ch11_Earphone_2D**

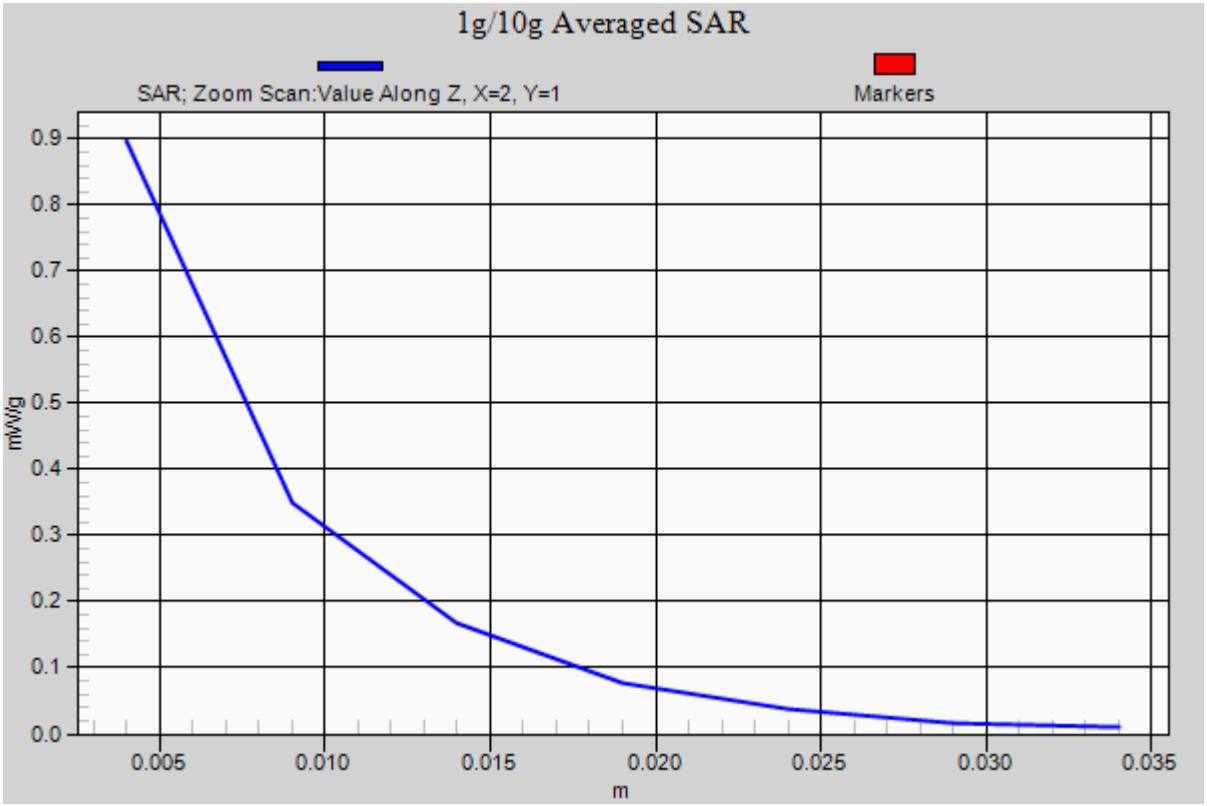
**DUT: 132945**

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_110614 Medium parameters used: f = 2462 MHz; $\sigma$ = 1.94 mho/m; $\varepsilon_r$ = 53.2; $\rho$ = 1000 $kg/m^3$
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.02, 7.02, 7.02); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch11/Area Scan (41x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.843 mW/g

**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.88 V/m; Power Drift = 0.178 dB
Peak SAR (extrapolated) = 1.94 W/kg
**SAR(1 g) = 0.750 mW/g; SAR(10 g) = 0.283 mW/g**
Maximum value of SAR (measured) = 0.897 mW/g


1g/10g Averaged SAR
SAR; Zoom Scan:Value Along Z, X=2, Y=1
Markers
0.9
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0.0
mW/g
0.005
0.010
0.015
0.020
0.025
0.030
0.035
m

**#03 802.11b_ Rear Face_1cm_Ch11_Earphone**

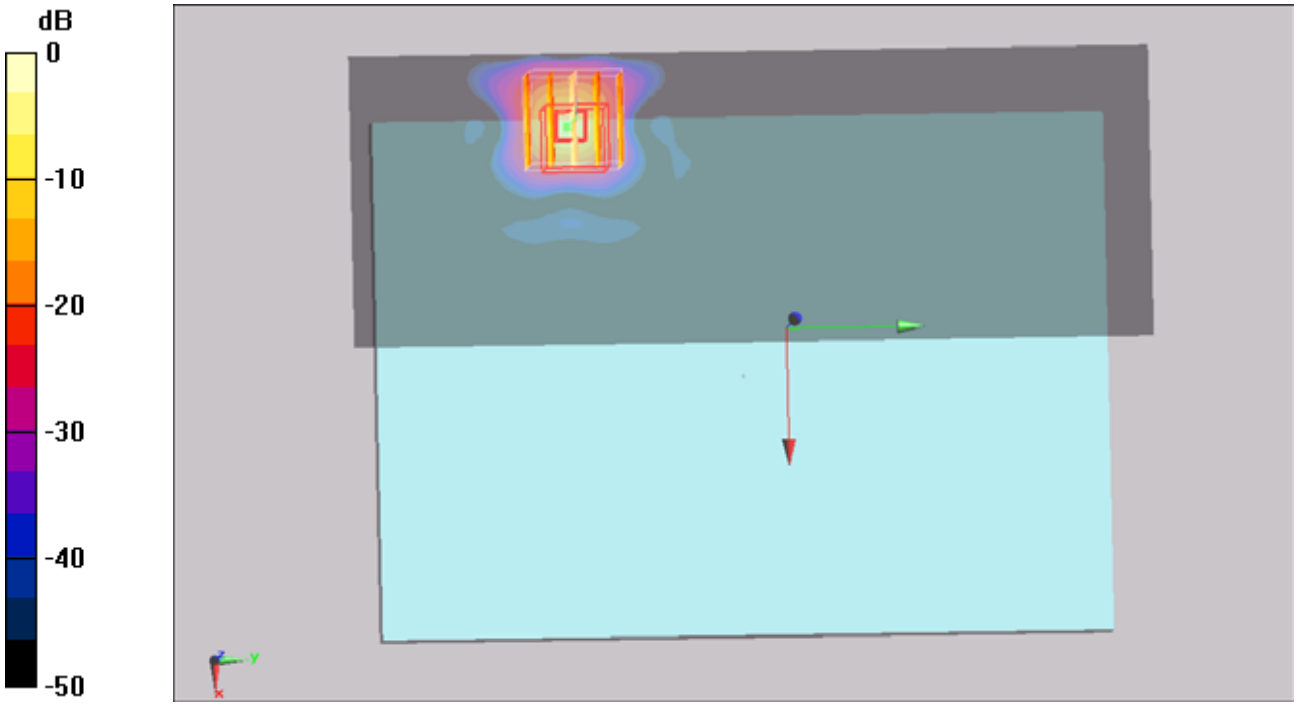
**DUT: 132945**

Communication System: 802.11b ; Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_110614 Medium parameters used: f = 2462 MHz; $\sigma$ = 1.94 mho/m; $\varepsilon_r$ = 53.2; $\rho$ = 1000 $kg/m^3$
Ambient Temperature：22.5 ℃; Liquid Temperature：21.5 ℃

DASY5 Configuration:
- Probe: EX3DV4 - SN3697; ConvF(7.02, 7.02, 7.02); Calibrated: 2010/11/23
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1249; Calibrated: 2011/2/21
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1029
- Measurement SW: DASY5, V5.0 Build 125; SEMCAD X Version 13.4 Build 125

**Ch11/Area Scan (51x141x1):** Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 0.091 mW/g

**Ch11/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 1.97 V/m; Power Drift = 0.136 dB
Peak SAR (extrapolated) = 0.481 W/kg
**SAR(1 g) = 0.148 mW/g; SAR(10 g) = 0.058 mW/g**
Maximum value of SAR (measured) = 0.268 mW/g




0 dB = 0.268mW/g