

Test Laboratory: Compliance Certification Services**1_Main Antenna****DUT: LG Electronics Inc.; Type: LT20; Serial: N/A**

Phantom section: Flat Section

Frequency: 5260 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5260$ MHz; $\sigma = 5.56$ mho/m; $\epsilon_r = 49$; $\rho = 1000$ kg/m³

Measurement Standard: DASY4 (High Precision Assessment)

- Room Ambient Temperature: 24.5 deg. C; Liquid Temperature: 24.0 deg. C
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(4.83, 4.83, 4.83);
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 3/15/2004
- Phantom: SAM 2; Type: SAM 2;
- Measurement SW: DASY4, V4.4 Build 3;

M-ch/Area Scan (13x15x1): Measurement grid: dx=10mm, dy=10mm[Info: Interpolated medium parameters used for SAR evaluation!](#)

Maximum value of SAR (measured) = 0.056 mW/g

M-ch/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 1.7 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 0.078 W/kg

SAR(1 g) = 0.029 mW/g; SAR(10 g) = 0.0097 mW/g[Info: Interpolated medium parameters used for SAR evaluation!](#)

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

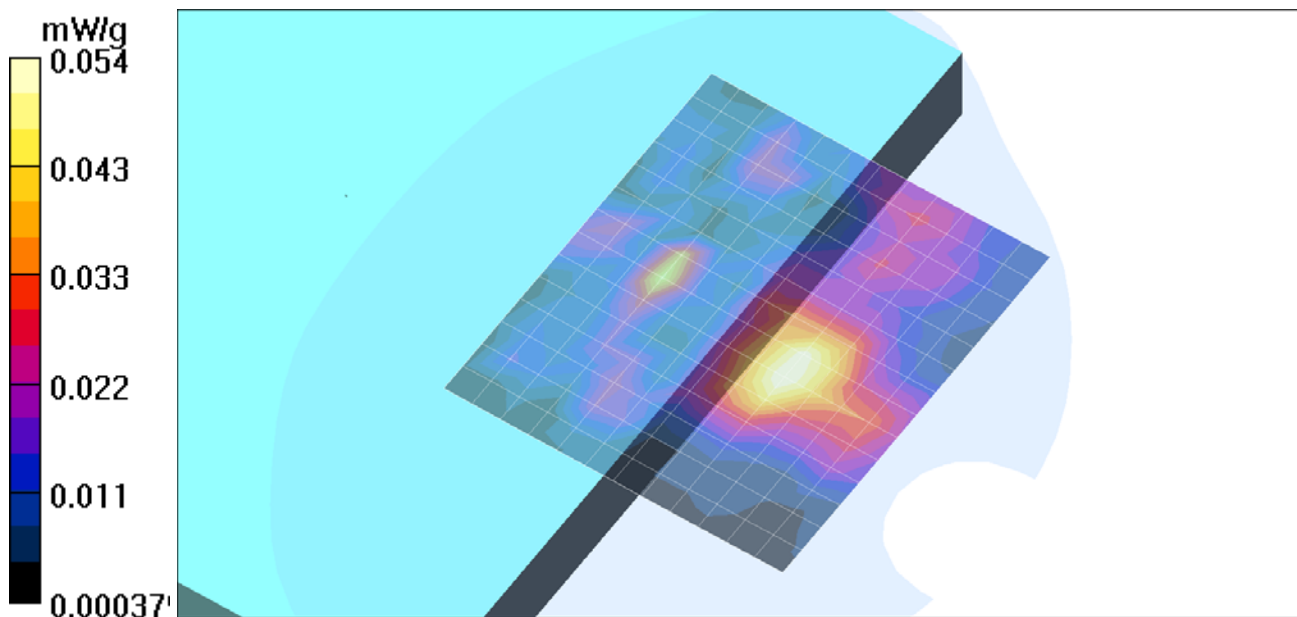
M-ch/Zoom Scan (7x7x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 1.7 V/m; Power Drift = -0.1 dB

Peak SAR (extrapolated) = 0.086 W/kg

SAR(1 g) = 0.033 mW/g; SAR(10 g) = 0.013 mW/g[Info: Interpolated medium parameters used for SAR evaluation!](#)

Maximum value of SAR (measured) = 0.054 mW/g



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1_Main Antenna

DUT: LG Electronics Inc.; Type: LT20; Serial: N/A

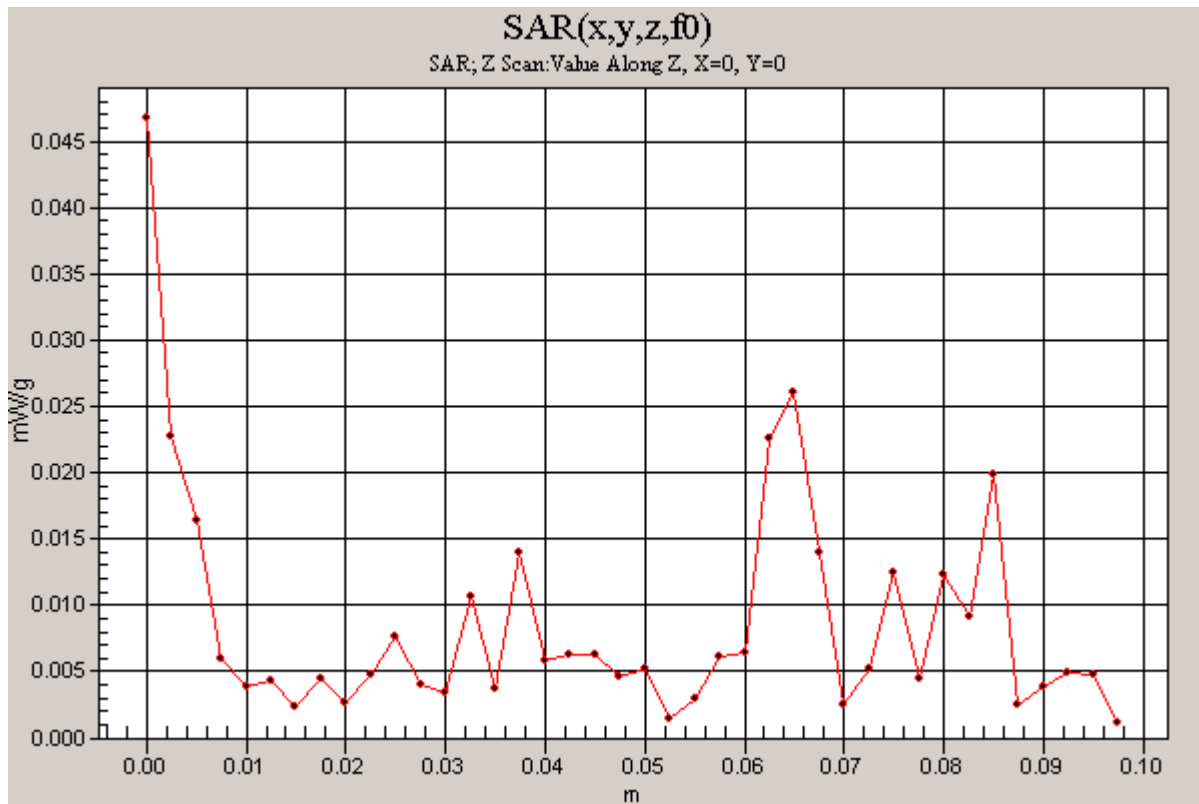
Phantom section: Flat Section

Measurement Standard: DAS4 (High Precision Assessment)

M-ch/Z Scan (1x1x41): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm

[Info: Interpolated medium parameters used for SAR evaluation!](#)

Maximum value of SAR (measured) = 0.047 mW/g



Test Laboratory: Compliance Certification Services**1_Main Antenna****DUT: LG Electronics Inc.; Type: LT20; Serial: N/A**

Phantom section: Flat Section

Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5785 \text{ MHz}$; $\sigma = 6.26 \text{ mho/m}$; $\epsilon_r = 48$; $\rho = 1000 \text{ kg/m}^3$

Measurement Standard: DASY4 (High Precision Assessment)

- Room Ambient Temperature: 24.5 deg. C; Liquid Temperature: 24.0 deg. C
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(4.64, 4.64, 4.64);
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 3/15/2004
- Phantom: SAM 2; Type: SAM 2;
- Measurement SW: DASY4, V4.4 Build 3;

M-ch 2/Area Scan (12x17x1): Measurement grid: dx=10mm, dy=10mm[Info: Interpolated medium parameters used for SAR evaluation!](#)

Maximum value of SAR (measured) = 0.045 mW/g

M-ch 2/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 2.31 V/m; Power Drift = -0.2 dB

Peak SAR (extrapolated) = 0.069 W/kg

SAR(1 g) = 0.021 mW/g; SAR(10 g) = 0.0092 mW/g[Info: Interpolated medium parameters used for SAR evaluation!](#)

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

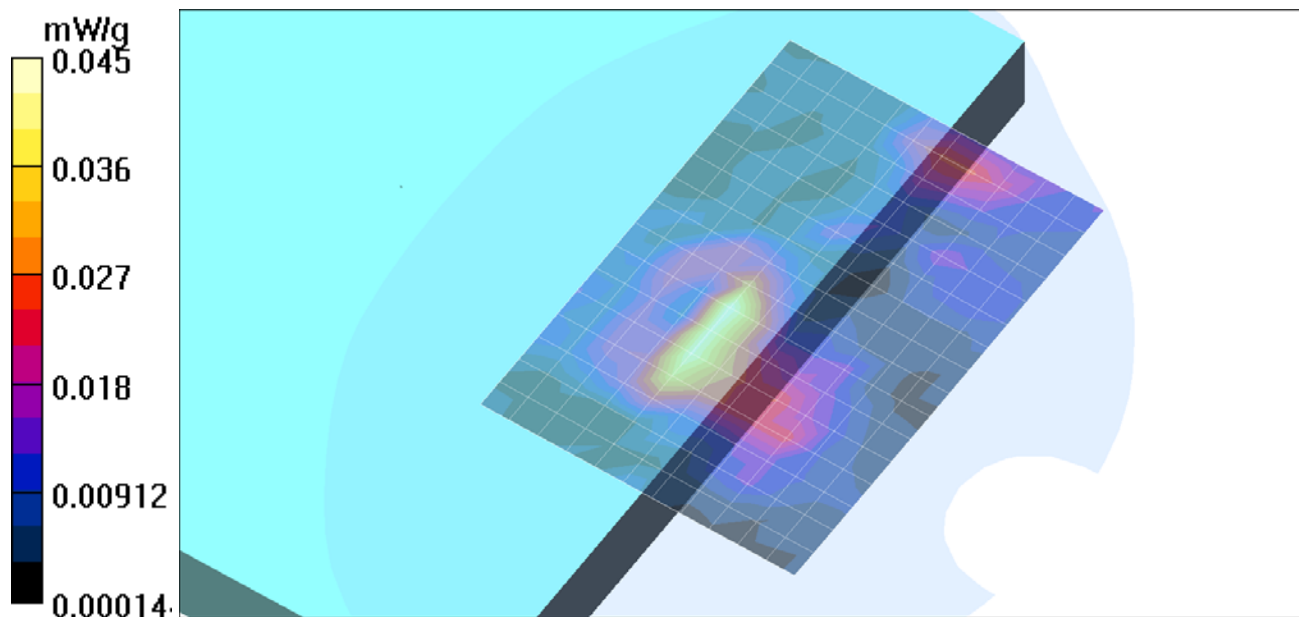
M-ch 2/Zoom Scan (7x7x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 2.31 V/m; Power Drift = -0.2 dB

Peak SAR (extrapolated) = 0.0061 W/kg

SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.0076 mW/g[Info: Interpolated medium parameters used for SAR evaluation!](#)

Maximum value of SAR (measured) = 0.045 mW/g



Test Laboratory: Compliance Certification Services**2_Aux Antenna****DUT: LG Electronics Inc.; Type: LT20; Serial: N/A**

Phantom section: Flat Section

Frequency: 5260 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5260$ MHz; $\sigma = 5.53$ mho/m; $\epsilon_r = 49.4$; $\rho = 1000$ kg/m³

Measurement Standard: DASY4 (High Precision Assessment)

- Room Ambient Temperature: 24.5 deg. C; Liquid Temperature: 24.0 deg. C
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(4.83, 4.83, 4.83);
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 3/15/2004
- Phantom: SAM 2; Type: SAM 2;
- Measurement SW: DASY4, V4.4 Build 3;

M-ch/Area Scan (13x18x1): Measurement grid: dx=10mm, dy=10mm[Info: Interpolated medium parameters used for SAR evaluation!](#)

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

M-ch/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 0.873 V/m; Power Drift = 0.2 dB

Peak SAR (extrapolated) = 0.139 W/kg

SAR(1 g) = 0.026 mW/g; SAR(10 g) = 0.0081 mW/g[Info: Interpolated medium parameters used for SAR evaluation!](#)

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

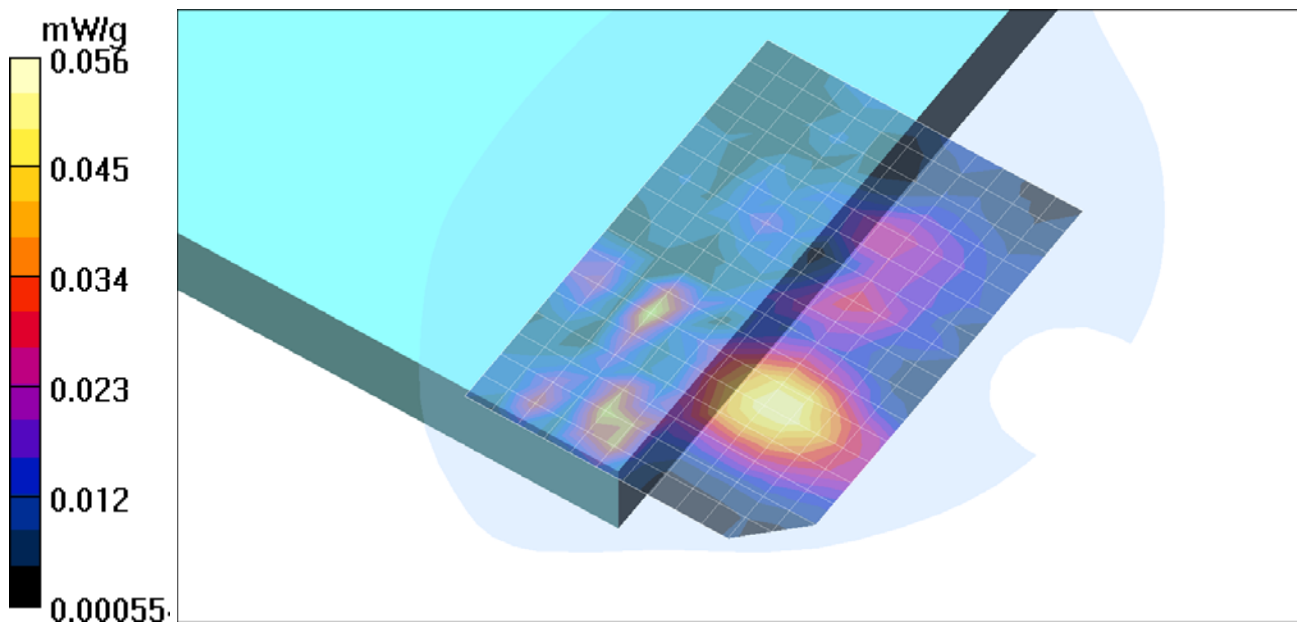
M-ch/Zoom Scan (7x7x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 0.873 V/m; Power Drift = 0.2 dB

Peak SAR (extrapolated) = 0.154 W/kg

SAR(1 g) = 0.030 mW/g; SAR(10 g) = 0.011 mW/g[Info: Interpolated medium parameters used for SAR evaluation!](#)

Maximum value of SAR (measured) = 0.056 mW/g



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2_Aux Antenna

DUT: LG Electronics Inc.; Type: LT20; Serial: N/A

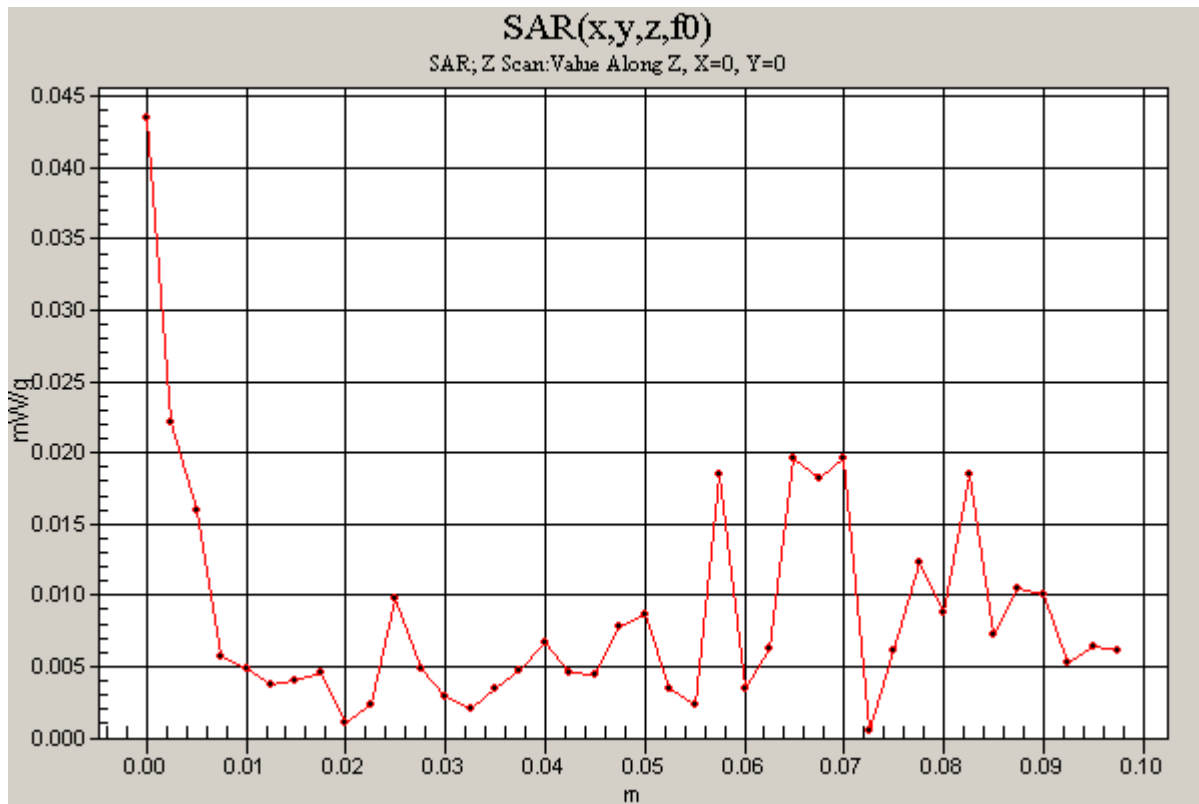
Phantom section: Flat Section

Measurement Standard: DAS4 (High Precision Assessment)

M-ch/Z Scan (1x1x41): Measurement grid: dx=20mm, dy=20mm, dz=2.5mm

[Info: Interpolated medium parameters used for SAR evaluation!](#)

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



Test Laboratory: Compliance Certification Services**2_Aux Antenna****DUT: LG Electronics Inc.; Type: LT20; Serial: N/A**

Phantom section: Flat Section

Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 5785 \text{ MHz}$; $\sigma = 6.21 \text{ mho/m}$; $\epsilon_r = 48.4$; $\rho = 1000 \text{ kg/m}^3$

Measurement Standard: DASY4 (High Precision Assessment)

- Room Ambient Temperature: 24.5 deg. C; Liquid Temperature: 24.0 deg. C
- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Probe: EX3DV3 - SN3531; ConvF(4.64, 4.64, 4.64);
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn427; Calibrated: 3/15/2004
- Phantom: SAM 2; Type: SAM 2;
- Measurement SW: DASY4, V4.4 Build 3;

M-ch 2/Area Scan (13x18x1): Measurement grid: dx=10mm, dy=10mm[Info: Interpolated medium parameters used for SAR evaluation!](#)

Maximum value of SAR (measured) = 0.035 mW/g

M-ch 2/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 0.78 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.102 W/kg

SAR(1 g) = 0.019 mW/g; SAR(10 g) = 0.0054 mW/g[Info: Interpolated medium parameters used for SAR evaluation!](#)

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

M-ch 2/Zoom Scan (7x7x8)/Cube 1: Measurement grid: dx=4.3mm, dy=4.3mm, dz=3mm

Reference Value = 0.78 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.095 W/kg

SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.0039 mW/g[Info: Interpolated medium parameters used for SAR evaluation!](#)

Maximum value of SAR (measured) = 0.023 mW/g

