

Test of: Datalogic Mobile SRL
Kyman Module

To: OET Bulletin 65 Supplement C: (2001-01)

Appendix 3. SAR Distribution Scans

This appendix contains SAR distribution scans which are not included in the total number of pages for this report.

Scan Reference Number	Title
SCN/49622JD01/001	Front Of EUT Facing Phantom WiFi CH6 802_11b
SCN/49622JD01/002	Rear Of EUT Facing Phantom WiFi CH6 802_11b
SCN/49622JD01/003	Rear Of EUT Facing Phantom With Belt Clip WiFi CH6 802_11b
SCN/49622JD01/004	Rear Of EUT Facing Phantom WiFi CH6 802_11g
SCN/49622JD01/005	System Performance Check 2450MHz Body 10 12 07

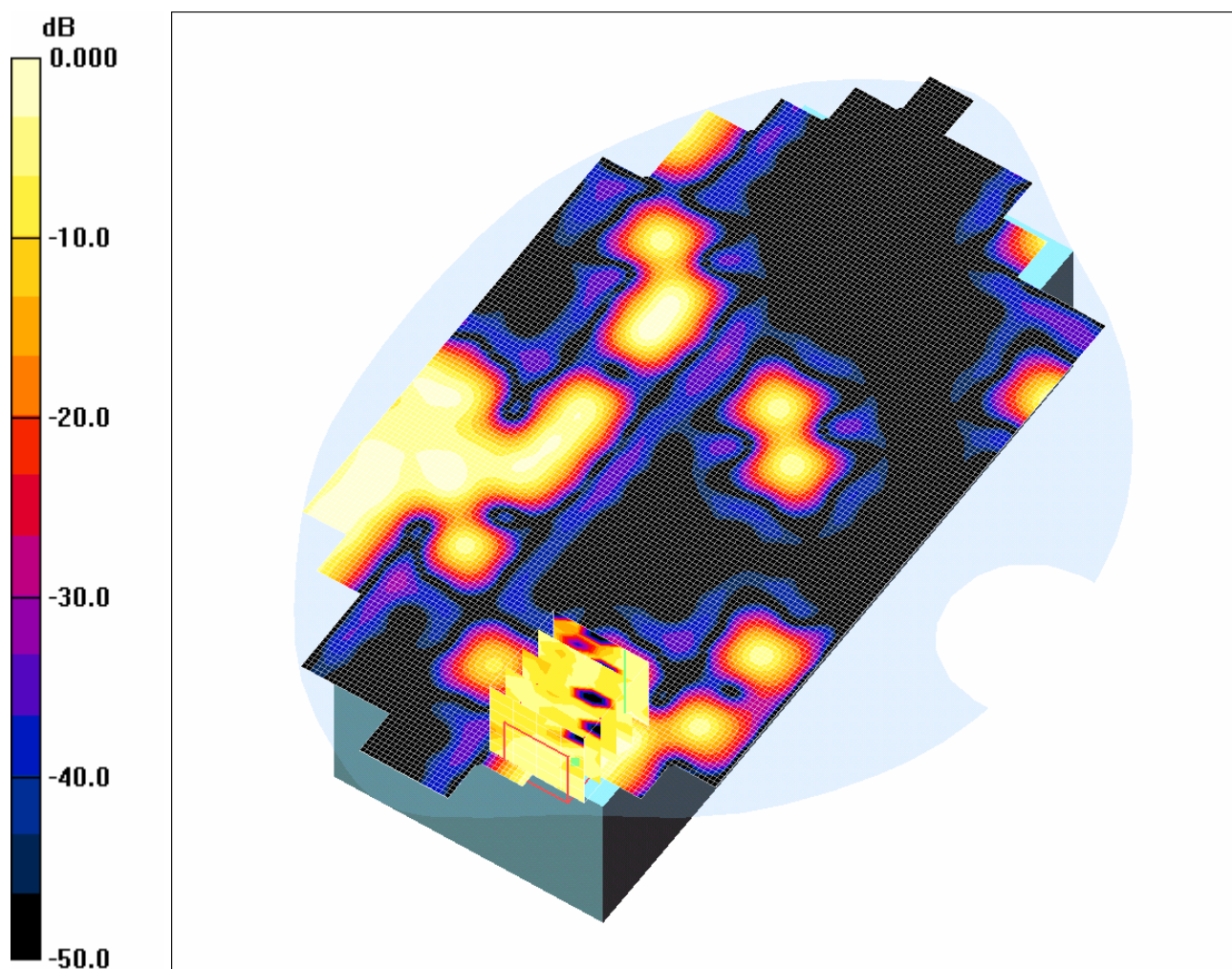
Test of: Datalogic Mobile SRL
Kyman Module

To: OET Bulletin 65 Supplement C: (2001-01)

SCN/49622JD01/001: Front Of EUT Facing Phantom WiFi CH6 802.11b

Date: 10/12/2007

DUT: DATALOGIC; Type: DL-KYMAN 721-902; Serial: D07G00296



0 dB = 0.002mW/g

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.9$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3508add; ConvF(7.89, 7.89, 7.89); Calibrated: 16/11/2006

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 24/05/2007

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Front Of EUT Facing Phantom With - Middle/Area Scan (101x191x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.002 mW/g

Front Of EUT Facing Phantom With - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.422 V/m; Power Drift = 0.228 dB, Peak SAR (extrapolated) = 0.002 W/kg

SAR(1 g) = 0.00118 mW/g; SAR(10 g) = 0.000471 mW/g

Maximum value of SAR (measured) = 0.002 mW/g

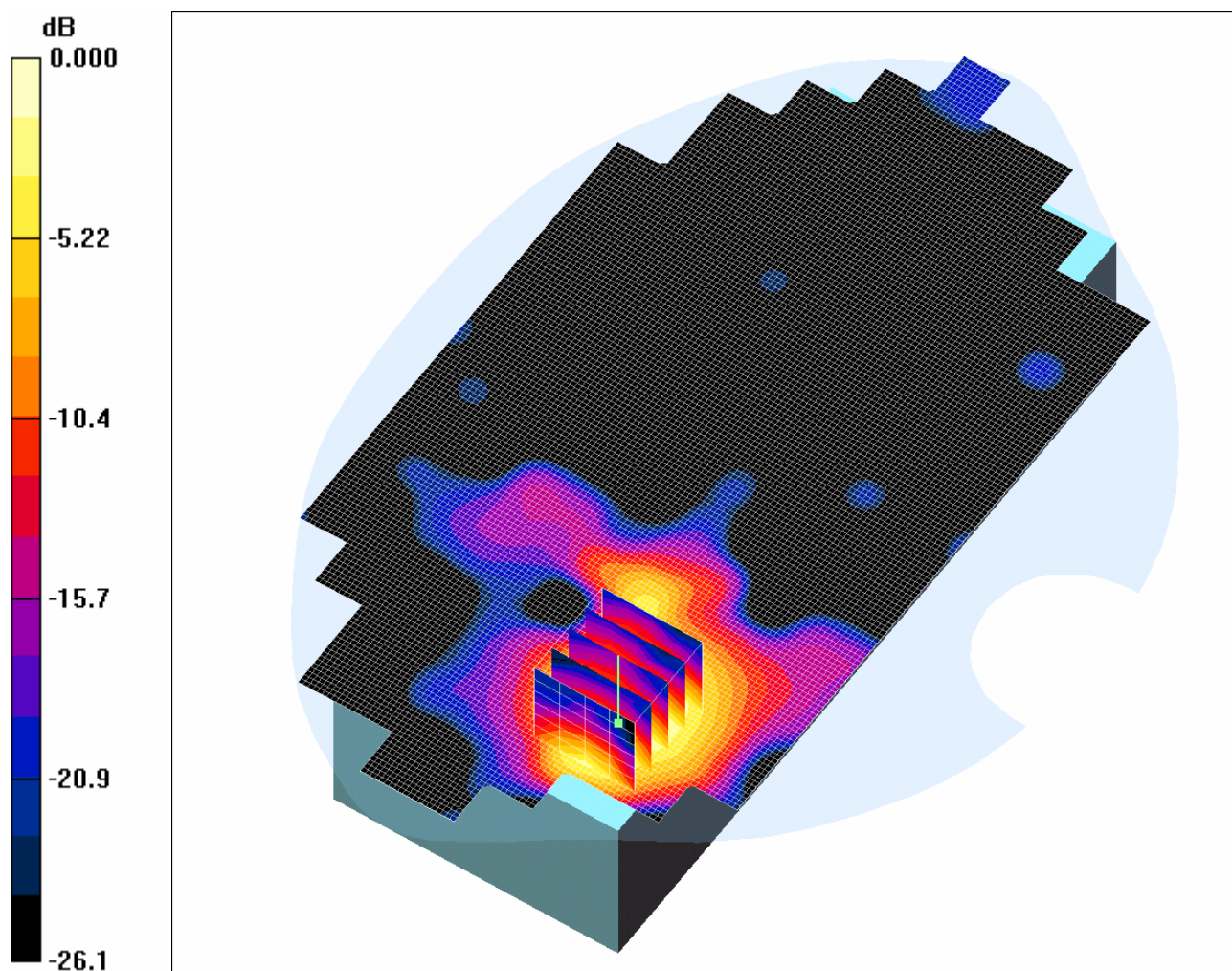
Test of: Datalogic Mobile SRL
Kyman Module

To: OET Bulletin 65 Supplement C: (2001-01)

SCN/49622JD01/002: Rear Of EUT Facing Phantom WiFi CH6 802.11b

Date: 10/12/2007

DUT: DATALOGIC; Type: DL-KYMAN 721-902; Serial: D07G00296



0 dB = 0.089mW/g

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.9$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3508add; ConvF(7.89, 7.89, 7.89); Calibrated: 16/11/2006

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 24/05/2007

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Rear Of EUT Facing Phantom - Middle/Area Scan (101x191x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.097 mW/g

Rear Of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.393 V/m; Power Drift = 0.006 dB

Peak SAR (extrapolated) = 0.171 W/kg

SAR(1 g) = 0.080 mW/g; SAR(10 g) = 0.041 mW/g

Maximum value of SAR (measured) = 0.089 mW/g

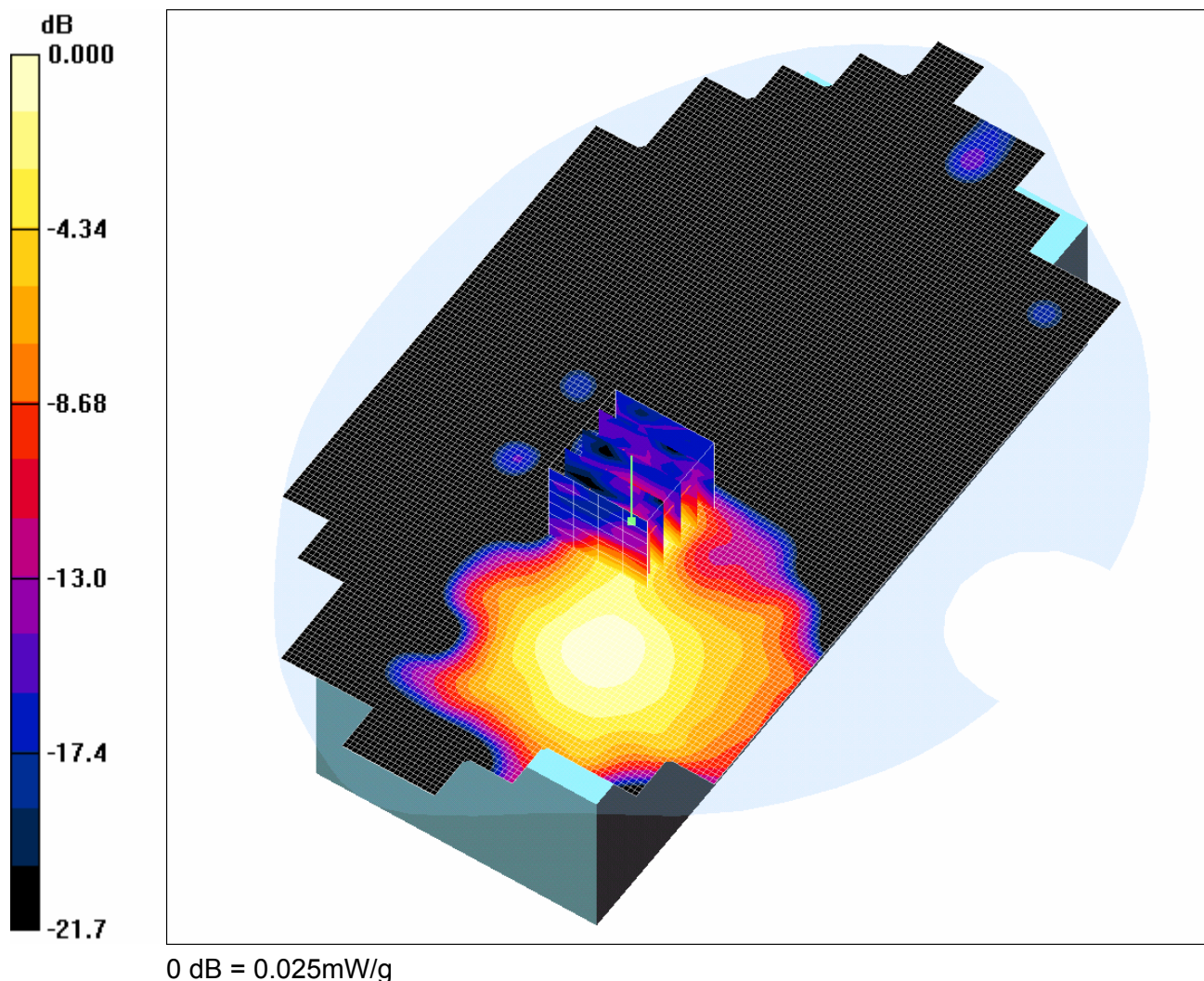
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SCN/49622JD01/003: Rear Of EUT Facing Phantom With Belt Clip WiFi CH6 802.11b

Date: 10/12/2007

DUT: DATALOGIC; Type: DL-KYMAN 721-902; Serial: D07G00296



Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.9$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3508add; ConvF(7.89, 7.89, 7.89); Calibrated: 16/11/2006

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 24/05/2007

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Rear Of EUT Facing Phantom - Middle/Area Scan (101x191x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.028 mW/g

Rear Of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.506 V/m; Power Drift = -0.089 dB

Peak SAR (extrapolated) = 0.055 W/kg

SAR(1 g) = 0.024 mW/g; SAR(10 g) = 0.00981 mW/g

Maximum value of SAR (measured) = 0.025 mW/g

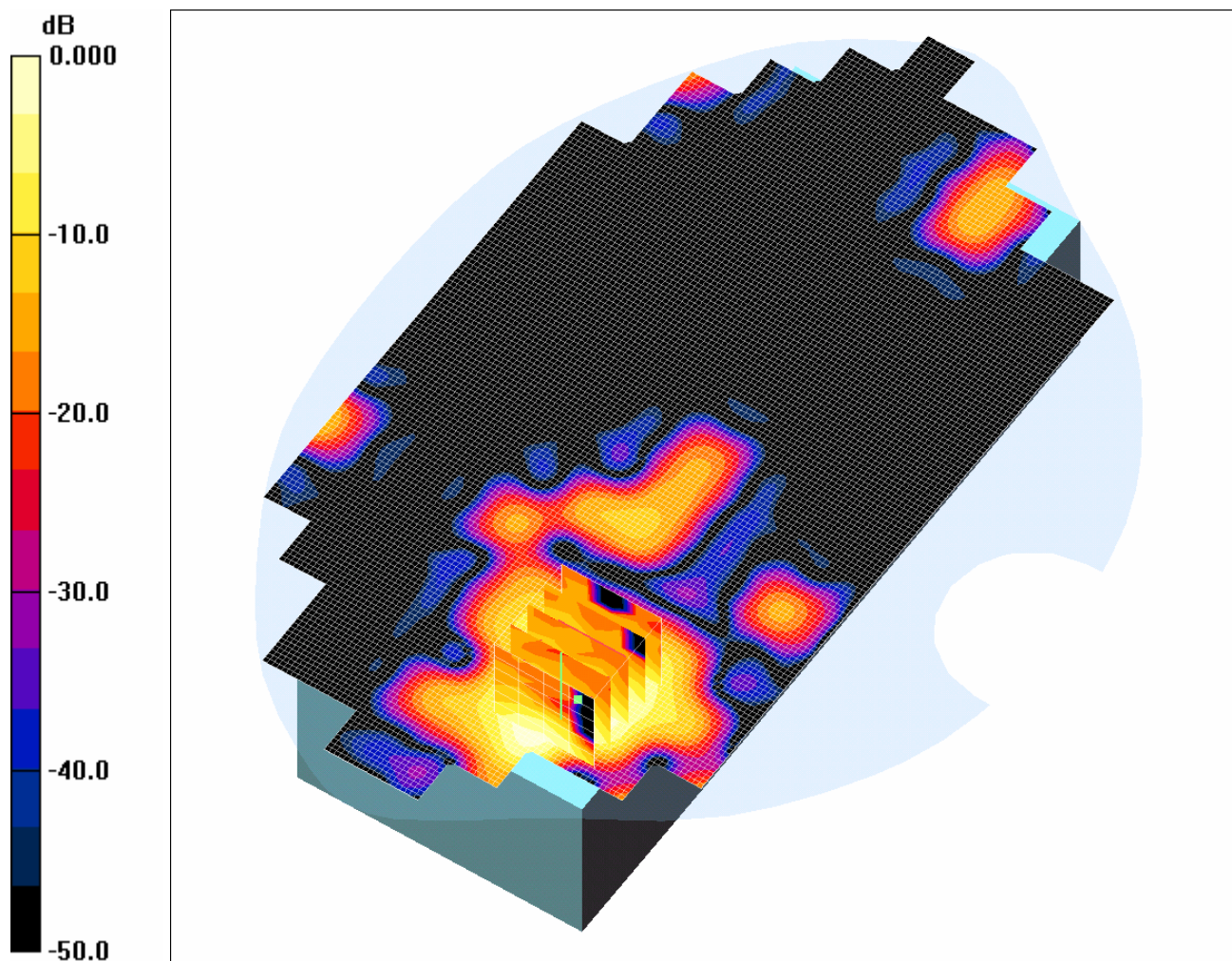
Test of: Datalogic Mobile SRL
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To: OET Bulletin 65 Supplement C: (2001-01)

SCN/49622JD01/004: Rear Of EUT Facing Phantom WiFi CH6 802.11g

Date: 10/12/2007

DUT: DATALOGIC; Type: DL-KYMAN 721-902; Serial: D07G00296



0 dB = 0.027mW/g

Communication System: WLAN; Frequency: 2437 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.9$ mho/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3508add; ConvF(7.89, 7.89, 7.89); Calibrated: 16/11/2006

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 24/05/2007

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1197

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

Rear Of EUT Facing Phantom - Middle/Area Scan (101x191x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.036 mW/g

Rear Of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.470 V/m; Power Drift = -0.058 dB

Peak SAR (extrapolated) = 0.043 W/kg

SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.011 mW/g

Maximum value of SAR (measured) = 0.027 mW/g

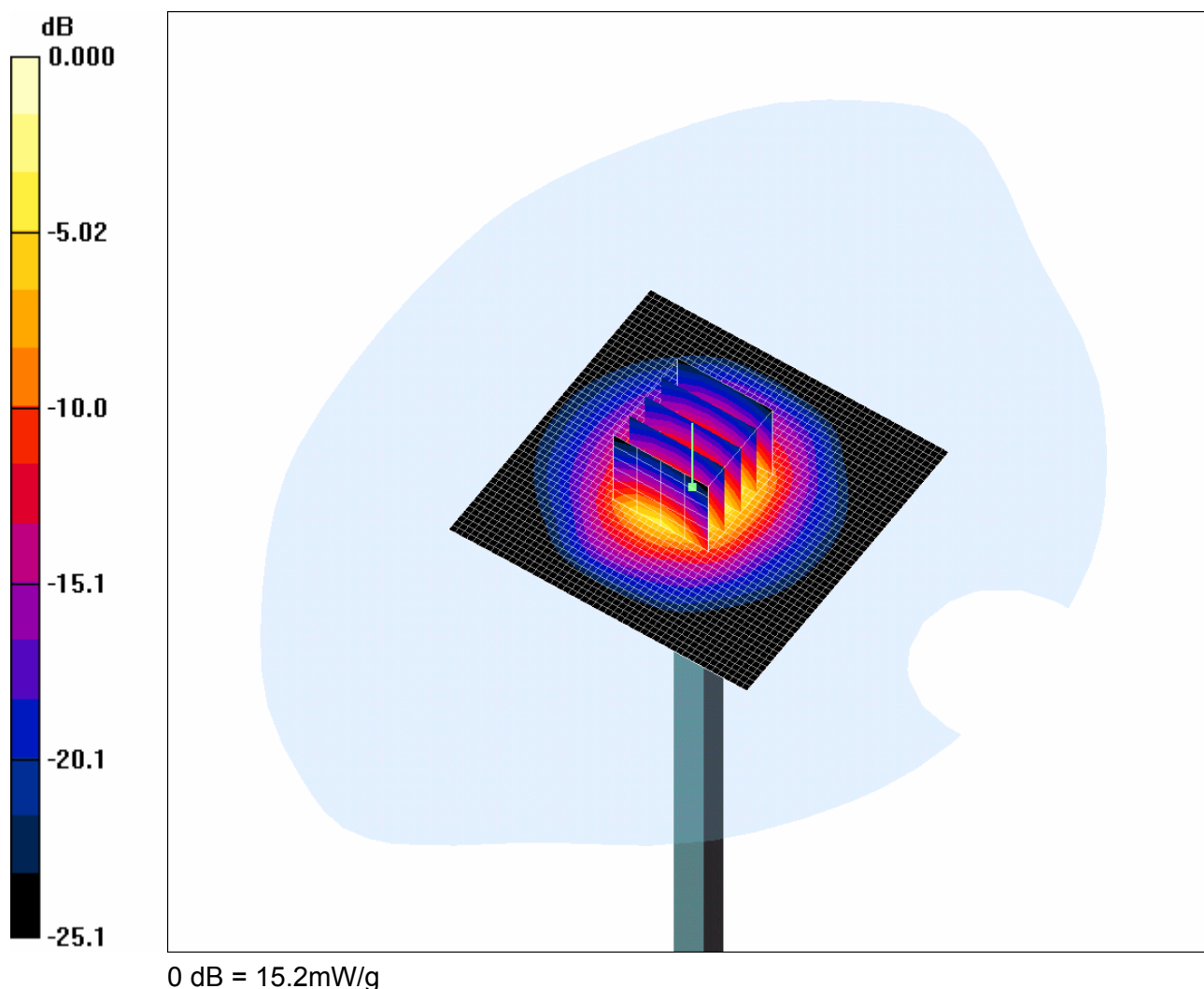
Test of: Datalogic Mobile SRL
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To: OET Bulletin 65 Supplement C: (2001-01)

SCN/49622JD01/005: System Performance Check 2450MHz Body 10 12 07

Date: 10/12/2007

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:725



Communication System: CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used: $f = 2450$ MHz; $\sigma = 1.94$ mho/m; $\epsilon_r = 52.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV3 - SN3508add; ConvF(7.89, 7.89, 7.89); Calibrated: 16/11/2006

- Sensor-Surface: 4mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 19/05/2006

- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193

- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176

d=10mm, Pin=250mW 1/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 18.9 mW/g

d=10mm, Pin=250mW 1/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 87.5 V/m; Power Drift = 0.044 dB

Peak SAR (extrapolated) = 30.5 W/kg

SAR(1 g) = 13.4 mW/g; SAR(10 g) = 5.85 mW/g

Maximum value of SAR (measured) = 15.2 mW/g