

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/90574/001	Touch Left GSM CH190
SCN/90574/002	Tilt Left GSM CH190
SCN/90574/003	Touch Left GSM CH190
SCN/90574/004	Tilt Right GSM CH190
SCN/90574/005	Touch Right GSM CH128
SCN/90574/006	Touch Right GSM CH251
SCN/90574/007	Front of EUT Facing Phantom GPRS CH190
SCN/90574/008	Rear of EUT Facing Phantom GPRS CH190
SCN/90574/009	Left Side of EUT Facing Phantom GPRS CH190
SCN/90574/010	Right Side of EUT Facing Phantom GPRS CH190
SCN/90574/011	Bottom of EUT Facing Phantom GPRS CH190
SCN/90574/012	Rear of EUT Facing Phantom GPRS CH128
SCN/90574/013	Rear of EUT Facing Phantom GPRS CH251
SCN/90574/014	Rear of EUT Facing Phantom at 15mm GSM CH190
SCN/90574/015	Rear of EUT Facing Phantom at 15mm GSM CH128
SCN/90574/016	Rear of EUT Facing Phantom at 15mm GSM CH251
SCN/90574/017	Rear of EUT Facing Phantom at 15mm with PHF GSM CH251
SCN/90574/018	Touch Left PCS CH661
SCN/90574/019	Tilt Left PCS CH661
SCN/90574/020	Touch Right PCS CH661
SCN/90574/021	Tilt Right PCS CH661
SCN/90574/022	Touch Left PCS CH512
SCN/90574/023	Touch Left PCS CH810
SCN/90574/024	Front of EUT Facing Phantom GPRS CH661
SCN/90574/025	Front of EUT Facing Phantom GPRS CH512
SCN/90574/026	Front of EUT Facing Phantom GPRS CH810
SCN/90574/027	Back of EUT Facing Phantom GPRS CH661
SCN/90574/028	Left Hand Side of EUT Facing Phantom GPRS CH661
SCN/90574/029	Right Hand Side of EUT Facing Phantom GPRS CH661
SCN/90574/030	Bottom of EUT Facing Phantom GPRS CH661
SCN/90574/031	Bottom of EUT Facing Phantom GPRS CH512
SCN/90574/032	Bottom of EUT Facing Phantom GPRS CH810
SCN/90574/033	Front of EUT Facing Phantom at 15mm PCS CH661
SCN/90574/034	Front of EUT Facing Phantom at 15mm PCS CH512
SCN/90574/035	Front of EUT Facing Phantom at 15mm PCS CH810

SAR Distribution Scans (Continued):

Scan Reference Number	Title
SCN/90574/036	Front of EUT Facing Phantom With PHF at 15mm PCS CH512
SCN/90574/037	Front of EUT Facing Phantom at 15mm GPRS CH661
SCN/90574/038	Front of EUT Facing Phantom at 15mm GPRS CH512
SCN/90574/039	Front of EUT Facing Phantom at 15mm GPRS CH810
SCN/90574/040	Touch Left UMTS FDD 5 CH4183
SCN/90574/041	Tilt Left UMTS FDD 5 CH4183
SCN/90574/042	Touch Right UMTS FDD 5 CH4183
SCN/90574/043	Tilt Right UMTS FDD 5 CH4183
SCN/90574/044	Touch Right UMTS FDD 5 CH4132
SCN/90574/045	Touch Right UMTS FDD 5 CH4233
SCN/90574/046	Front of EUT Facing Phantom UMTS FDD 5 CH4183
SCN/90574/047	Back of EUT Facing Phantom UMTS FDD 5 CH4183
SCN/90574/048	Back of EUT Facing Phantom UMTS FDD 5 CH4132
SCN/90574/049	Back of EUT Facing Phantom UMTS FDD 5 CH4233
SCN/90574/050	Left Hand Side of EUT Facing Phantom UMTS FDD 5 CH4183
SCN/90574/051	Right Hand Side of EUT Facing Phantom UMTS FDD 5 CH4183
SCN/90574/052	Bottom of EUT Facing Phantom UMTS FDD 5 CH4183
SCN/90574/053	Back of EUT Facing Phantom at 15mm UMTS FDD 5 CH4183
SCN/90574/054	Back of EUT Facing Phantom at 15mm UMTS FDD 5 CH4132
SCN/90574/055	Back of EUT Facing Phantom at 15mm UMTS FDD 5 CH4233
SCN/90574/056	Back of EUT Facing Phantom at 15mm with PHF UMTS FDD 5 CH4233
SCN/90574/057	Touch Left LTE Band 5 10MHz BW 1RB Middle CH20525
SCN/90574/058	Touch Left LTE Band 5 10MHz BW 50% RB Middle QPSK CH20525
SCN/90574/059	Tilt Left LTE Band 5 10MHz BW 1RB Middle CH20525
SCN/90574/060	Tilt Left LTE Band 5 10MHz BW 50% RB Middle QPSK CH20525
SCN/90574/061	Touch Right LTE Band 5 10MHz BW 1RB Middle CH20525
SCN/90574/062	Touch Right LTE Band 5 10MHz BW 50% Middle RB QPSK CH20525
SCN/90574/063	Tilt Right LTE Band 5 10MHz BW 1RB Middle CH20525
SCN/90574/064	Tilt Right LTE Band 5 10MHz BW 50% RB Middle QPSK CH20525
SCN/90574/065	Touch Left LTE Band 5 10MHz BW 1RB Middle CH20450
SCN/90574/066	Touch Left LTE Band 5 10MHz BW 1RB Middle CH20600
SCN/90574/067	Front of EUT Facing Phantom LTE Band 5 10MHz BW 1RB Middle QPSK CH20525
SCN/90574/068	Front of EUT Facing Phantom LTE Band 5 10MHz BW 50% RB QPSK CH20525
SCN/90574/069	Back of EUT Facing Phantom LTE Band 5 10MHz BW 1RB Middle QPSK CH20525
SCN/90574/070	Back of EUT Facing Phantom LTE Band 5 10MHz BW 50% RB QPSK CH20525

SAR Distribution Scans (Continued):

Scan Reference Number	Title
SCN/90574/071	Left Hand Side of EUT Facing Phantom LTE Band 5 10MHz BW 1RB Middle QPSK CH20525
SCN/90574/072	Left Hand Side of EUT Facing Phantom LTE Band 5 10MHz BW 50% RB QPSK CH20525
SCN/90574/073	Right Hand Side of EUT Facing Phantom LTE Band 5 10MHz BW 1RB Middle QPSK CH20525
SCN/90574/074	Right Hand Side of EUT Facing Phantom LTE Band 5 10MHz BW 50% RB QPSK CH20525
SCN/90574/075	Bottom of EUT Facing Phantom LTE Band 5 10MHz BW 1RB Middle QPSK CH20525
SCN/90574/076	Bottom of EUT Facing Phantom LTE Band 5 10MHz BW 50% RB QPSK CH20525
SCN/90574/077	Back of EUT Facing Phantom LTE Band 5 10MHz BW 1RB Middle QPSK CH20450
SCN/90574/078	Back of EUT Facing Phantom LTE Band 5 10MHz BW 1RB Middle QPSK CH20600
SCN/90574/079	Back of EUT Facing Phantom with PHF LTE Band 5 10MHz BW 1RB Middle QPSK CH20600
SCN/90574/080	Touch Left LTE Band 5 1.4MHz BW 1RB Middle CH20525
SCN/90574/081	Touch Left LTE Band 5 1.4MHz BW 50% RB Middle QPSK CH20525
SCN/90574/082	Tilt Left LTE Band 5 1.4MHz BW 1RB Middle CH20525
SCN/90574/083	Tilt Left LTE Band 5 1.4MHz BW 50% RB Middle QPSK CH20525
SCN/90574/084	Touch Right LTE Band 5 1.4MHz BW 1RB Middle CH20525
SCN/90574/085	Touch Right LTE Band 5 1.4MHz BW 50% RB Middle QPSK CH20525
SCN/90574/086	Tilt Right LTE Band 5 1.4MHz BW 1RB Middle CH20525
SCN/90574/087	Tilt Right LTE Band 5 1.4MHz BW 50% RB Middle QPSK CH20525
SCN/90574/088	Touch Left LTE Band 5 1.4MHz BW 50% RB Middle CH20407
SCN/90574/089	Touch Left LTE Band 5 1.4MHz BW 50% RB Middle CH20643
SCN/90574/090	Front of EUT Facing Phantom LTE Band 5 1.4MHz BW 1RB Middle QPSK CH20525
SCN/90574/091	Front of EUT Facing Phantom LTE Band 5 1.4MHz BW 50% RB QPSK CH20525
SCN/90574/092	Back of EUT Facing Phantom LTE Band 5 1.4MHz BW 1RB Middle QPSK CH20525
SCN/90574/093	Back of EUT Facing Phantom LTE Band 5 1.4MHz BW 50% RB QPSK CH20525
SCN/90574/094	Left Hand Side of EUT Facing Phantom LTE Band 5 1.4MHz BW 1RB Middle QPSK CH20525
SCN/90574/095	Left Hand Side of EUT Facing Phantom LTE Band 5 1.4MHz BW 50% RB QPSK CH20525
SCN/90574/096	Right Hand Side of EUT Facing Phantom LTE Band 5 1.4 MHz BW 1RB Middle QPSK CH20525

SAR Distribution Scans (Continued):

Scan Reference Number	Title
SCN/90574/097	Right Hand Side of EUT Facing Phantom LTE Band 5 1.4MHz BW 50% RB QPSK CH20525
SCN/90574/098	Bottom of EUT Facing Phantom LTE Band 5 1.4MHz BW 1RB Middle QPSK CH20525
SCN/90574/099	Bottom of EUT Facing Phantom LTE Band 5 1.4MHz BW 50% RB QPSK CH20525
SCN/90574/100	Back of EUT Facing Phantom LTE Band 5 1.4MHz BW 1RB Middle QPSK CH20407
SCN/90574/101	Back of EUT Facing Phantom LTE Band 5 1.4MHz BW 1RB Middle QPSK CH20643
SCN/90574/102	Back of EUT Facing Phantom with PHF LTE Band 5 1.4MHz BW 1RB Middle QPSK CH20643
SCN/90574/103	Touch Left 802.11b 1Mbps CH6
SCN/90574/104	Tilt Left 802.11b 1Mbps CH6
SCN/90574/105	Touch Right 802.11b 1Mbps CH6
SCN/90574/106	Tilt Right 802.11b 1Mbps CH6
SCN/90574/107	Touch Left 802.11b 1Mbps CH1
SCN/90574/108	Touch Left 802.11b 1Mbps CH11
SCN/90574/109	Front of EUT Facing Phantom 802.11b 1Mbps CH6
SCN/90574/110	Back of EUT Facing Phantom 802.11b 1Mbps CH6
SCN/90574/111	Left Hand Side of EUT Facing Phantom 802.11b 1Mbps CH6
SCN/90574/112	Right Hand Side of EUT Facing Phantom 802.11b 1Mbps CH6
SCN/90574/113	Top of EUT Facing Phantom 802.11b 1Mbps CH6
SCN/90574/114	Back of EUT Facing Phantom 802.11b 1Mbps CH1
SCN/90574/115	Back of EUT Facing Phantom 802.11b 1Mbps CH11
SCN/90574/116	Back of EUT Facing Phantom at 15mm 802.11b 1Mbps CH1
SCN/90574/117	Back of EUT Facing Phantom at 15mm with PHF 802.11b 1Mbps CH1
SCN/90574/118	Touch Left 802.11a 6Mbps CH36
SCN/90574/119	Tilt Left 802.11a 6Mbps CH36
SCN/90574/120	Touch Right 802.11a 6Mbps CH36
SCN/90574/121	Tilt Right 802.11a 6Mbps CH36
SCN/90574/122	Tilt Left 802.11a 6Mbps CH64
SCN/90574/123	Tilt Left 802.11a 6Mbps CH104
SCN/90574/124	Tilt Left 802.11a 6Mbps CH149
SCN/90574/125	Tilt Left 802.11n HT40 6Mbps CH38
SCN/90574/126	Tilt Left 802.11n HT40 6Mbps CH54
SCN/90574/127	Tilt Left 802.11n HT40 13.5Mbps CH126
SCN/90574/128	Tilt Left 802.11n HT40 13.5Mbps CH159

SAR Distribution Scans (Continued):

Scan Reference Number	Title
SCN/90574/129	Front of EUT Facing Phantom 802.11a 6Mbps CH36
SCN/90574/130	Back of EUT Facing Phantom 802.11a 6Mbps CH36
SCN/90574/131	Left Hand Side of EUT Facing Phantom 802.11a 6Mbps CH36
SCN/90574/132	Right Hand Side of EUT Facing Phantom 802.11a 6Mbps CH36
SCN/90574/133	Top of EUT Facing Phantom 802.11a 6Mbps CH36
SCN/90574/134	Back of EUT Facing Phantom 802.11a 6Mbps CH64
SCN/90574/135	Back of EUT Facing Phantom 802.11a 6Mbps CH104
SCN/90574/136	Back of EUT Facing Phantom 802.11a 6Mbps CH149
SCN/90574/137	Back of EUT Facing Phantom 802.11n HT40 13.5Mbps CH38
SCN/90574/138	Back of EUT Facing Phantom 802.11n HT40 13.5Mbps CH54
SCN/90574/139	Back of EUT Facing Phantom 802.11n HT40 13.5Mbps CH126
SCN/90574/140	Back of EUT Facing Phantom 802.11n HT40 13.5Mbps CH159
SCN/90574/141	Back of EUT Facing Phantom at 15mm 802.11a 6Mbps CH36
SCN/90574/142	Back of EUT Facing Phantom with PHF at 15mm 802.11a 6Mbps CH36
SCN/90574/143	System Performance Check 900MHz Head 22 10 12
SCN/90574/144	System Performance Check 900MHz Head 23 10 12
SCN/90574/145	System Performance Check 900MHz Head 24 10 12
SCN/90574/146	System Performance Check 900MHz Head 26 11 12
SCN/90574/147	System Performance Check 900MHz Head 27 11 12
SCN/90574/148	System Performance Check 900MHz Head 28 11 12
SCN/90574/149	System Performance Check 900MHz Head 29 11 12
SCN/90574/150	System Performance Check 900MHz Head 09 12 12
SCN/90574/151	System Performance Check 900MHz Head 10 12 12
SCN/90574/152	System Performance Check 900MHz Body 24 10 12
SCN/90574/153	System Performance Check 900MHz Body 05 11 12
SCN/90574/154	System Performance Check 900MHz Body 06 11 12
SCN/90574/155	System Performance Check 900MHz Body 20 11 12
SCN/90574/156	System Performance Check 900MHz Body 21 11 12
SCN/90574/157	System Performance Check 900MHz Body 22 11 12
SCN/90574/158	System Performance Check 900MHz Body 23 11 12
SCN/90574/159	System Performance Check 900MHz Body 09 12 12
SCN/90574/160	System Performance Check 1900MHz Head 06 12 12
SCN/90574/161	System Performance Check 1900MHz Body 05 11 12
SCN/90574/162	System Performance Check 1900MHz Body 06 11 12
SCN/90574/163	System Performance Check 2450MHz Head 21 11 12
SCN/90574/164	System Performance Check 2450MHz Body 22 11 12
SCN/90574/165	System Performance Check 5200 MHz Head 26 11 12
SCN/90574/166	System Performance Check 5200 MHz Head 27 11 12

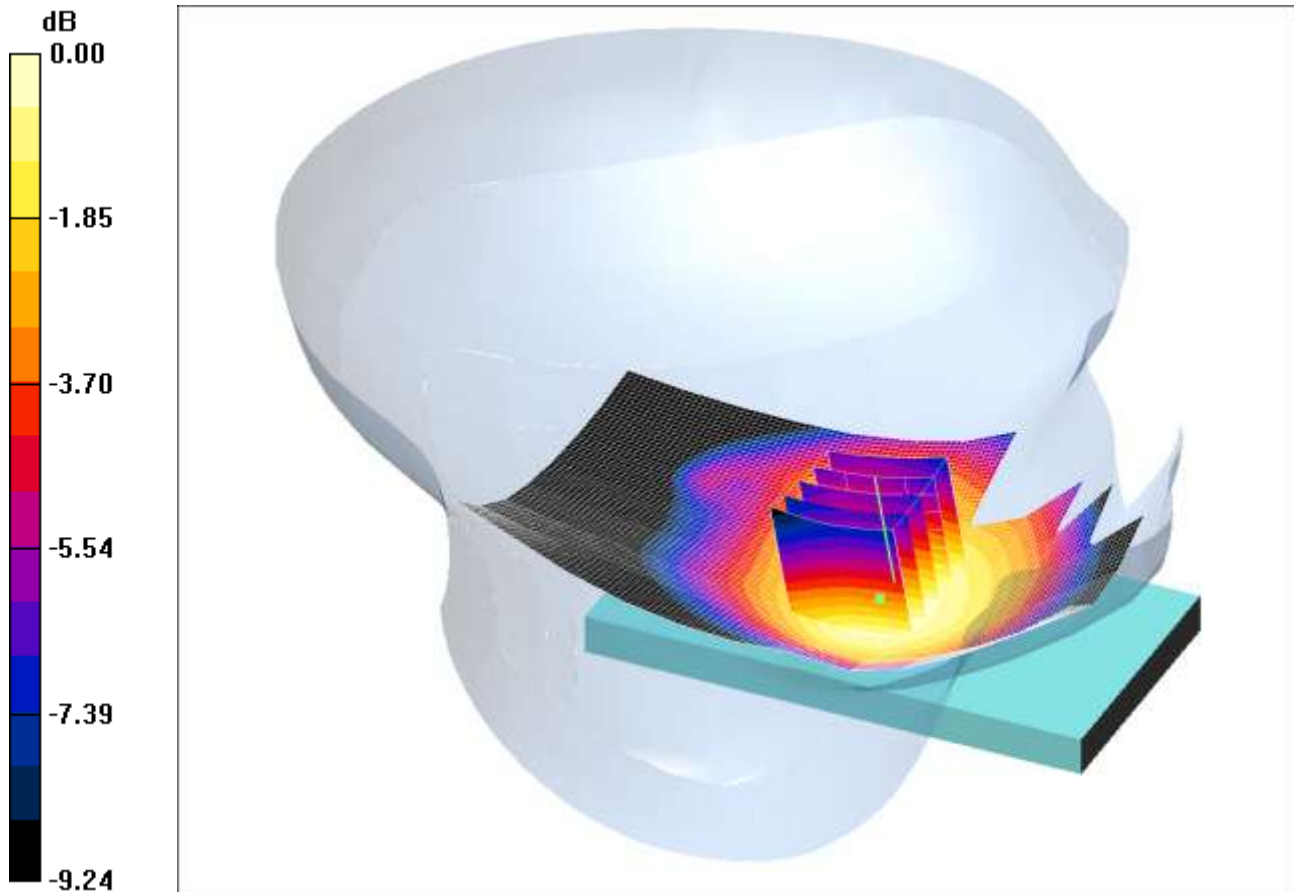
SAR Distribution Scans (Continued):

Scan Reference Number	Title
SCN/90574/167	System Performance Check 5500 MHz Head 27 11 12
SCN/90574/168	System Performance Check 5800 MHz Head 27 11 12
SCN/90574/169	System Performance Check 5200 MHz Body 28 11 12
SCN/90574/170	System Performance Check 5200 MHz Body 29 11 12
SCN/90574/171	System Performance Check 5500 MHz Body 29 11 12
SCN/90574/172	System Performance Check 5800 MHz Body 29 11 12

SCN/90574/001: Touch Left GSM CH190

Date: 22/10/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



0 dB = 0.137mW/g

Communication System: GSM 850 MHz; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.928$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Touch Left - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.137 mW/g

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

Reference Value = 4.26 V/m; Power Drift = -0.161 dB

Peak SAR (extrapolated) = 0.167 W/kg

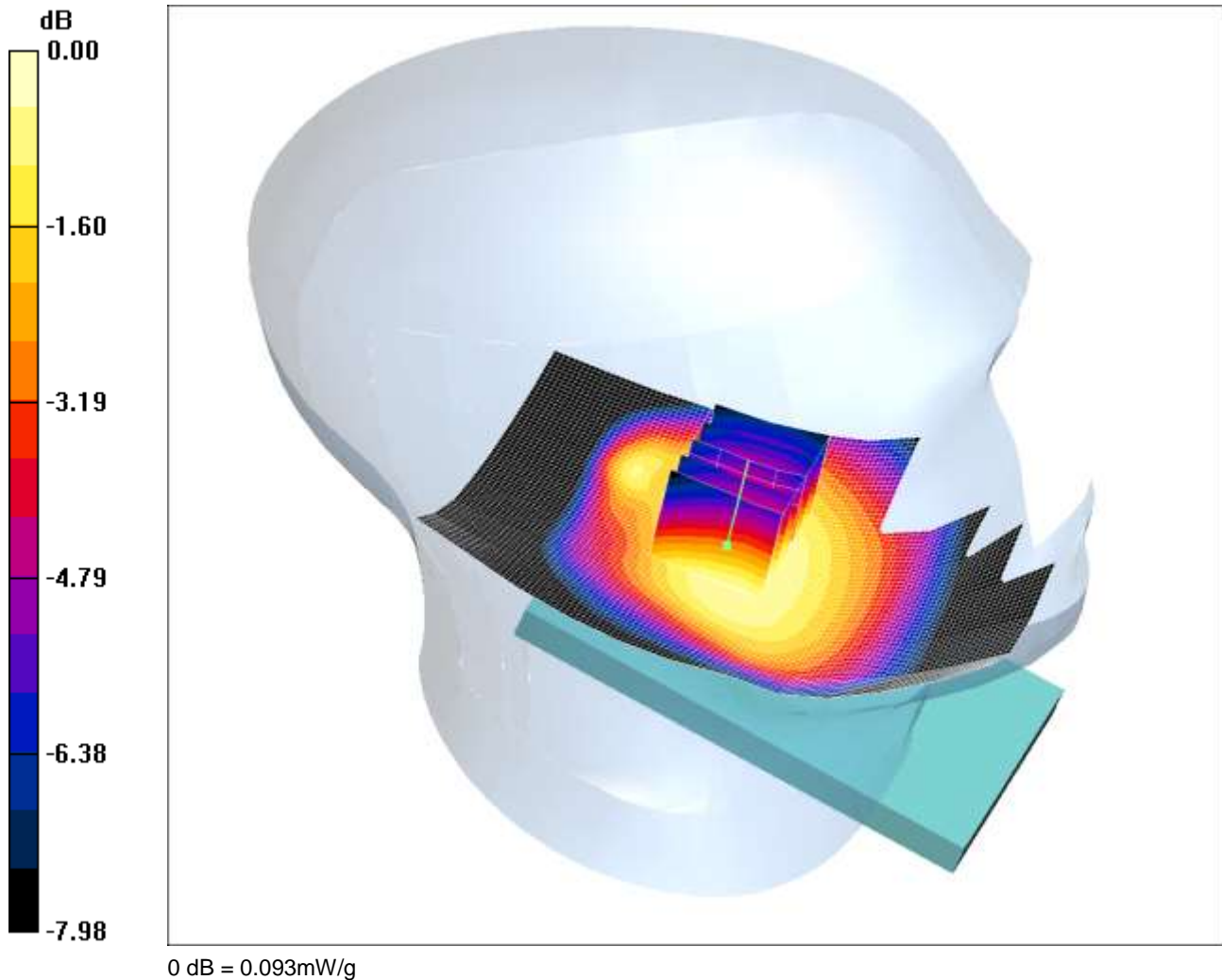
SAR(1 g) = 0.133 mW/g; SAR(10 g) = 0.099 mW/g

Maximum value of SAR (measured) = 0.137 mW/g

SCN/90574/002: Tilt Left GSM CH190

Date: 22/10/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



Communication System: GSM 850 MHz; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.928$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Tilt Left - Middle/Area Scan (71x121x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.087 mW/g

Tilt Left - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 6.03 V/m; Power Drift = -0.073 dB

Peak SAR (extrapolated) = 0.106 W/kg

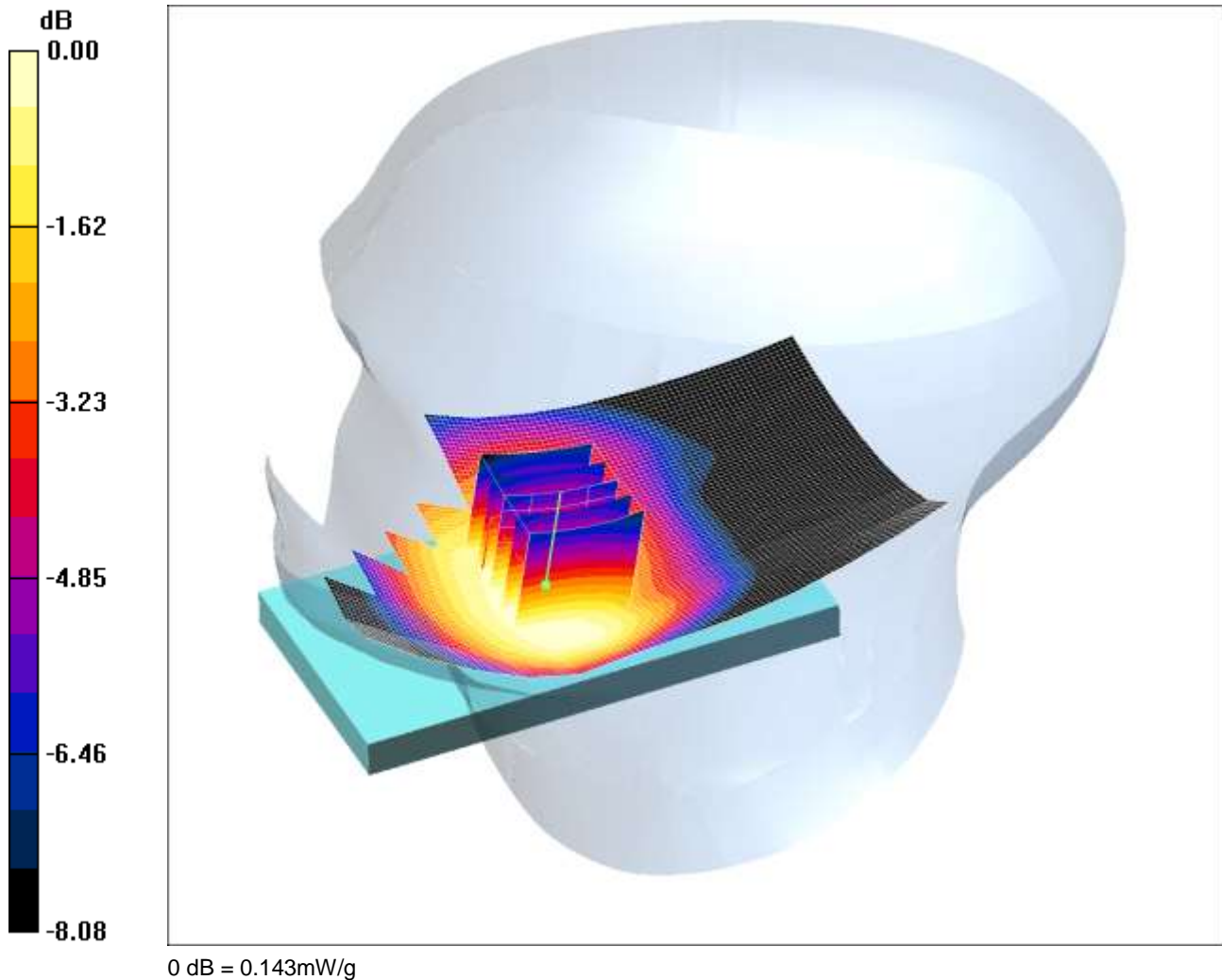
SAR(1 g) = 0.089 mW/g; SAR(10 g) = 0.069 mW/g

Maximum value of SAR (measured) = 0.093 mW/g

SCN/90574/003: Touch Left GSM CH190

Date: 22/10/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



Communication System: GSM 850 MHz; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.928$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Touch Right - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.140 mW/g

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

Reference Value = 3.68 V/m; Power Drift = 0.153 dB

Peak SAR (extrapolated) = 0.171 W/kg

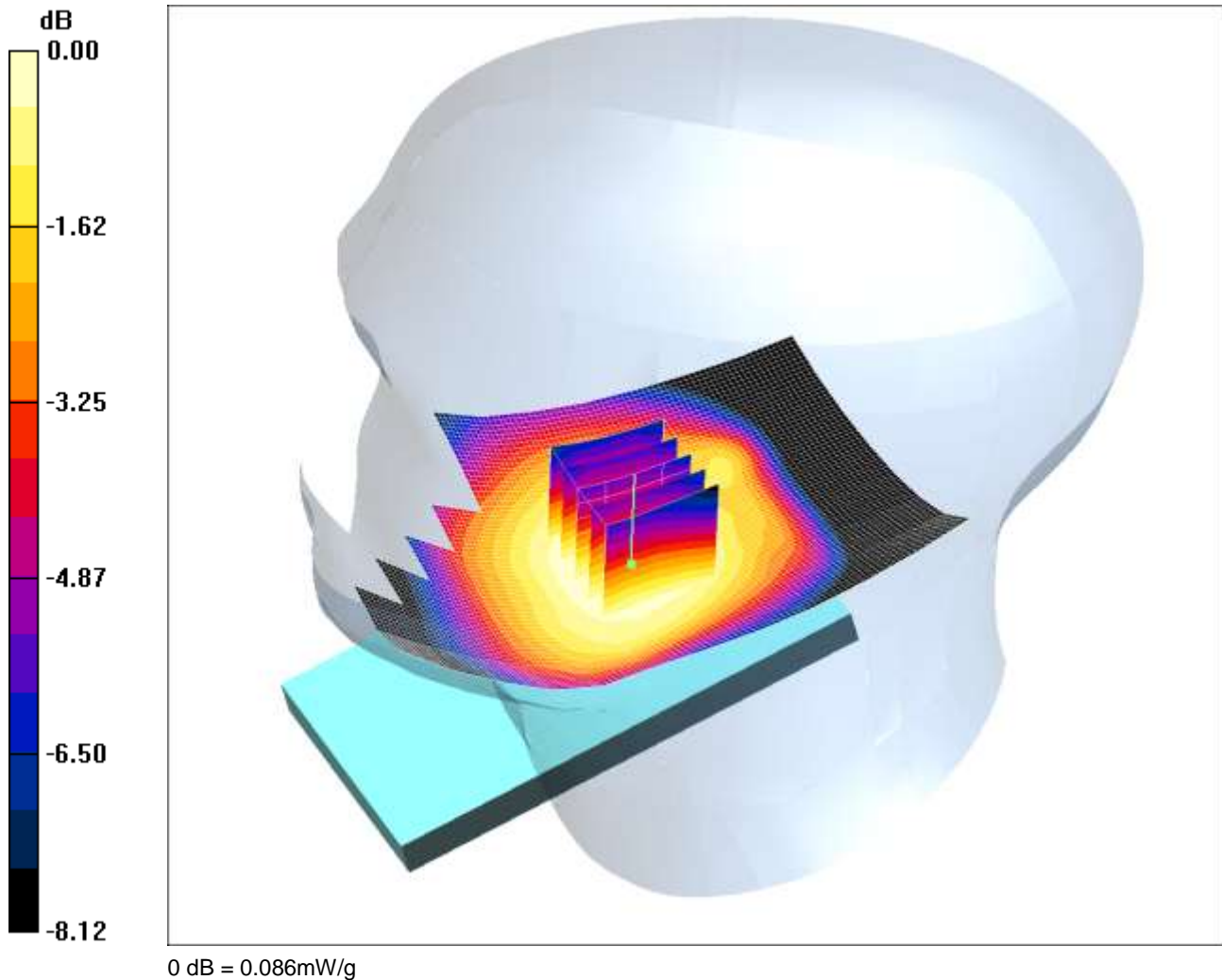
SAR(1 g) = 0.136 mW/g; SAR(10 g) = 0.105 mW/g

Maximum value of SAR (measured) = 0.143 mW/g

SCN/90574/004: Tilt Right GSM CH190

Date: 22/10/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



Communication System: GSM 850 MHz; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.928$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Tilt Right - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.092 mW/g

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

Reference Value = 6.71 V/m; Power Drift = -0.103 dB

Peak SAR (extrapolated) = 0.101 W/kg

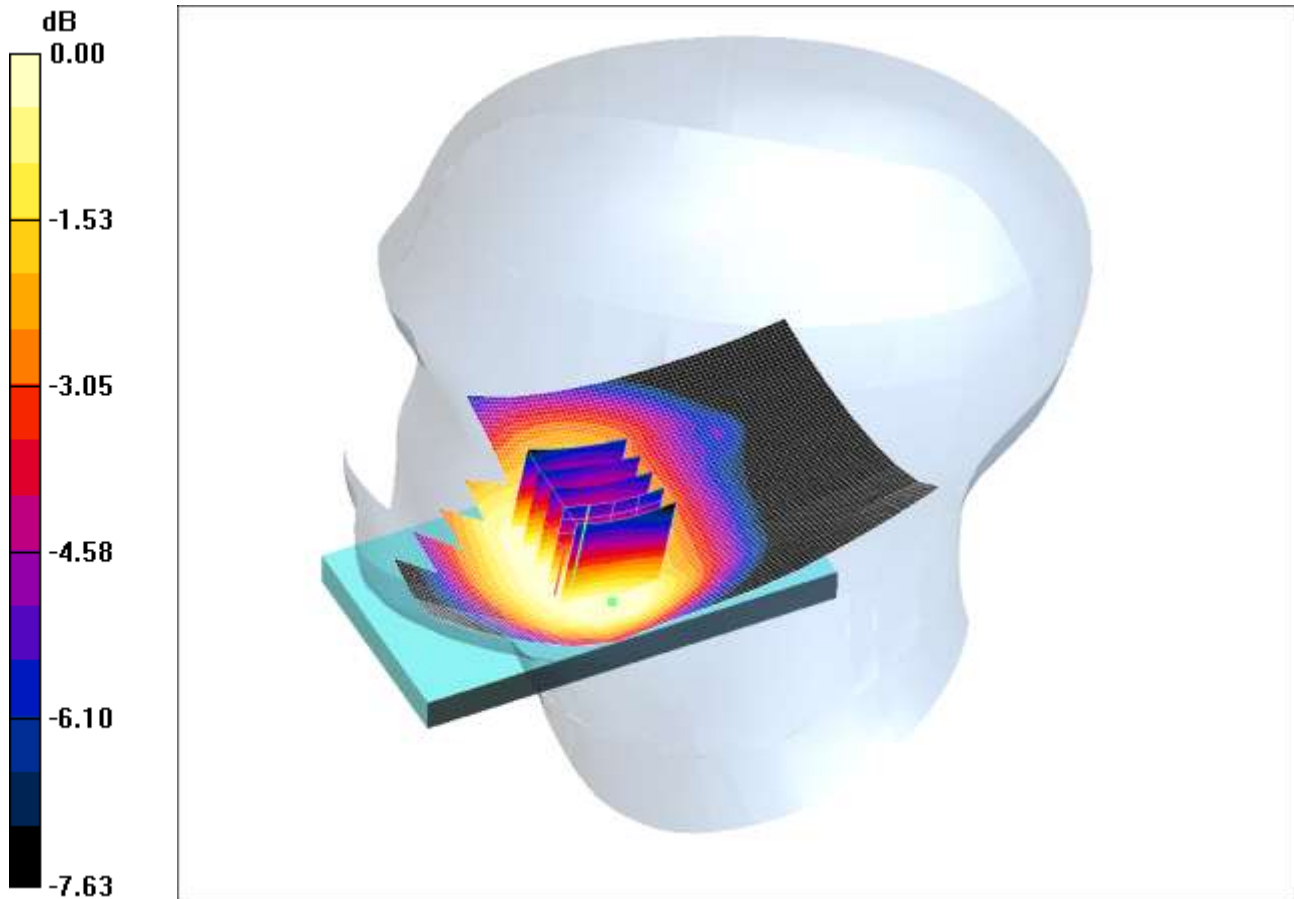
SAR(1 g) = 0.083 mW/g; SAR(10 g) = 0.066 mW/g

Maximum value of SAR (measured) = 0.086 mW/g

SCN/90574/005: Touch Right GSM CH128

Date: 23/10/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



0 dB = 0.116mW/g

Communication System: GSM 850 MHz; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.919$ mho/m; $\epsilon_r = 41.4$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Touch Right - Low/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.127 mW/g

Touch Right - Low/Zoom Scan (5x5x7) 2 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.99 V/m; Power Drift = -0.062 dB

Peak SAR (extrapolated) = 0.138 W/kg

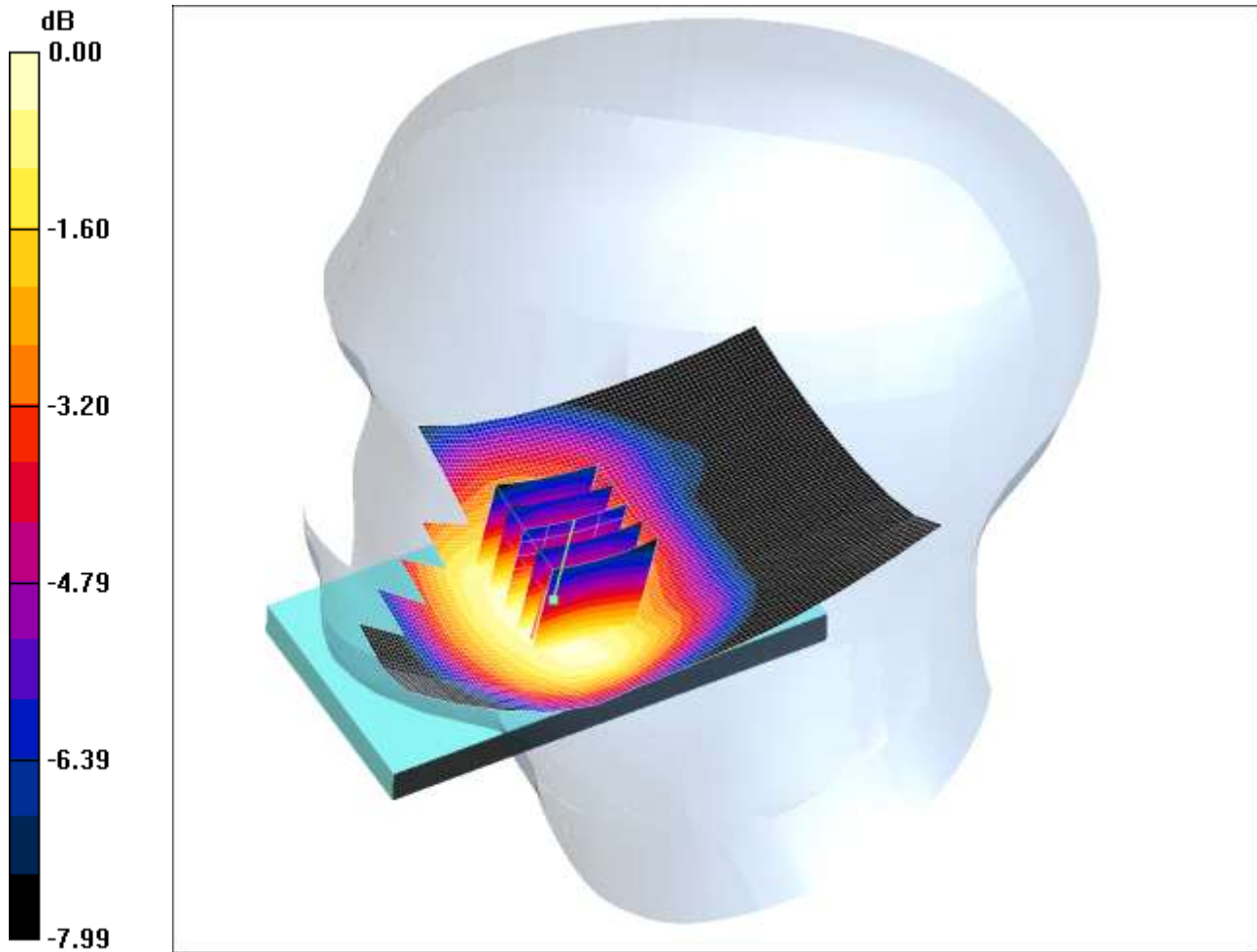
SAR(1 g) = 0.112 mW/g; SAR(10 g) = 0.088 mW/g

Maximum value of SAR (measured) = 0.116 mW/g

SCN/90574/006: Touch Right GSM CH251

Date: 23/10/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



Communication System: GSM 850 MHz; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.936$ mho/m; $\epsilon_r = 41.3$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Touch Right - High/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.206 mW/g

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

Reference Value = 4.65 V/m; Power Drift = -0.058 dB

Peak SAR (extrapolated) = 0.244 W/kg

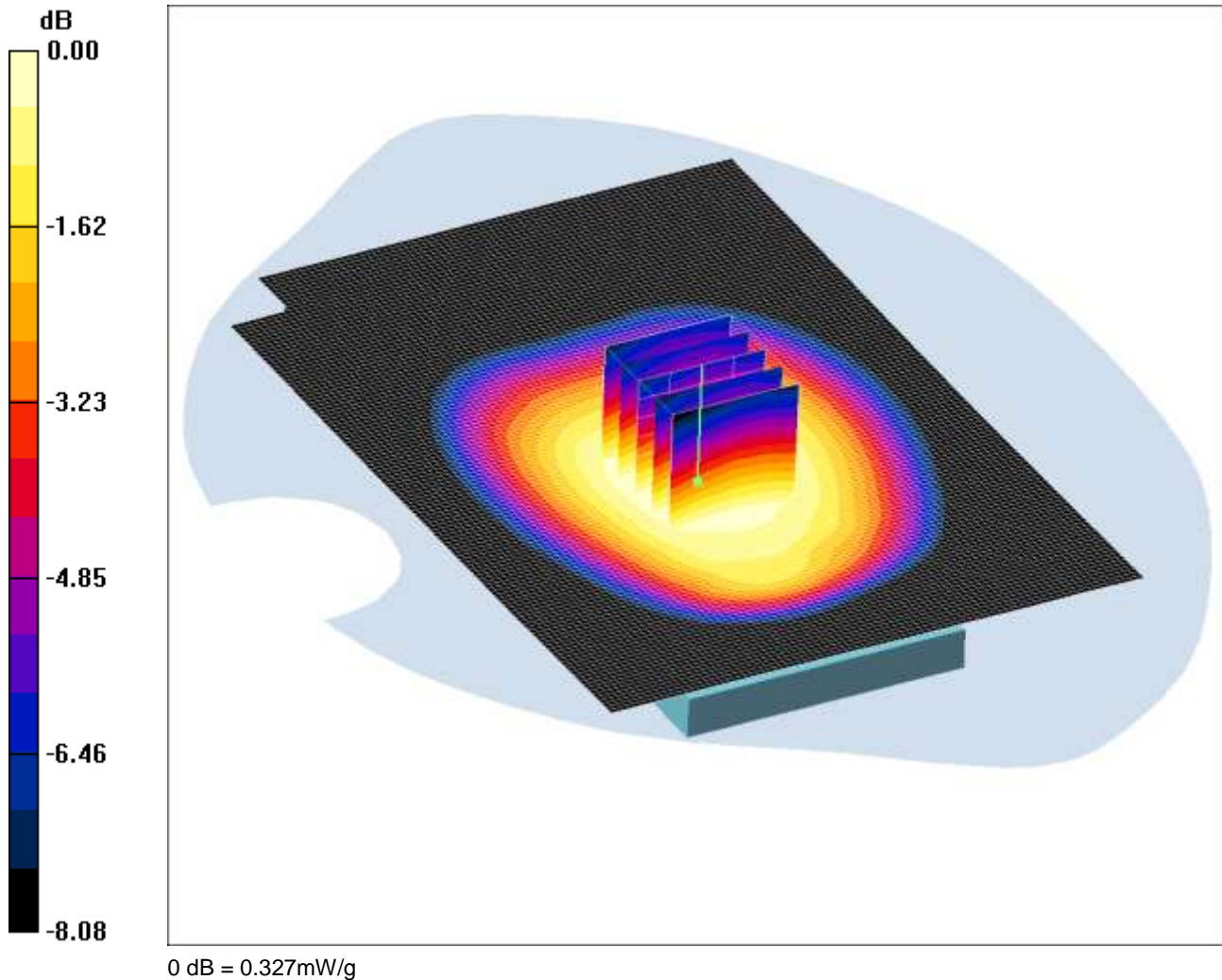
SAR(1 g) = 0.195 mW/g; SAR(10 g) = 0.148 mW/g

Maximum value of SAR (measured) = 0.205 mW/g

SCN/90574/007: Front of EUT Facing Phantom GPRS CH190

Date: 24/10/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TUAF



Communication System: GPRS 850 MHz 4TX; Frequency: 836.6 MHz; Duty Cycle: 1:2

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.969$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Front of EUT Facing Phantom - Middle 2 2/Area Scan (91x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.329 mW/g

Front of EUT Facing Phantom - Middle 2 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.8 V/m; Power Drift = -0.029 dB

Peak SAR (extrapolated) = 0.377 W/kg

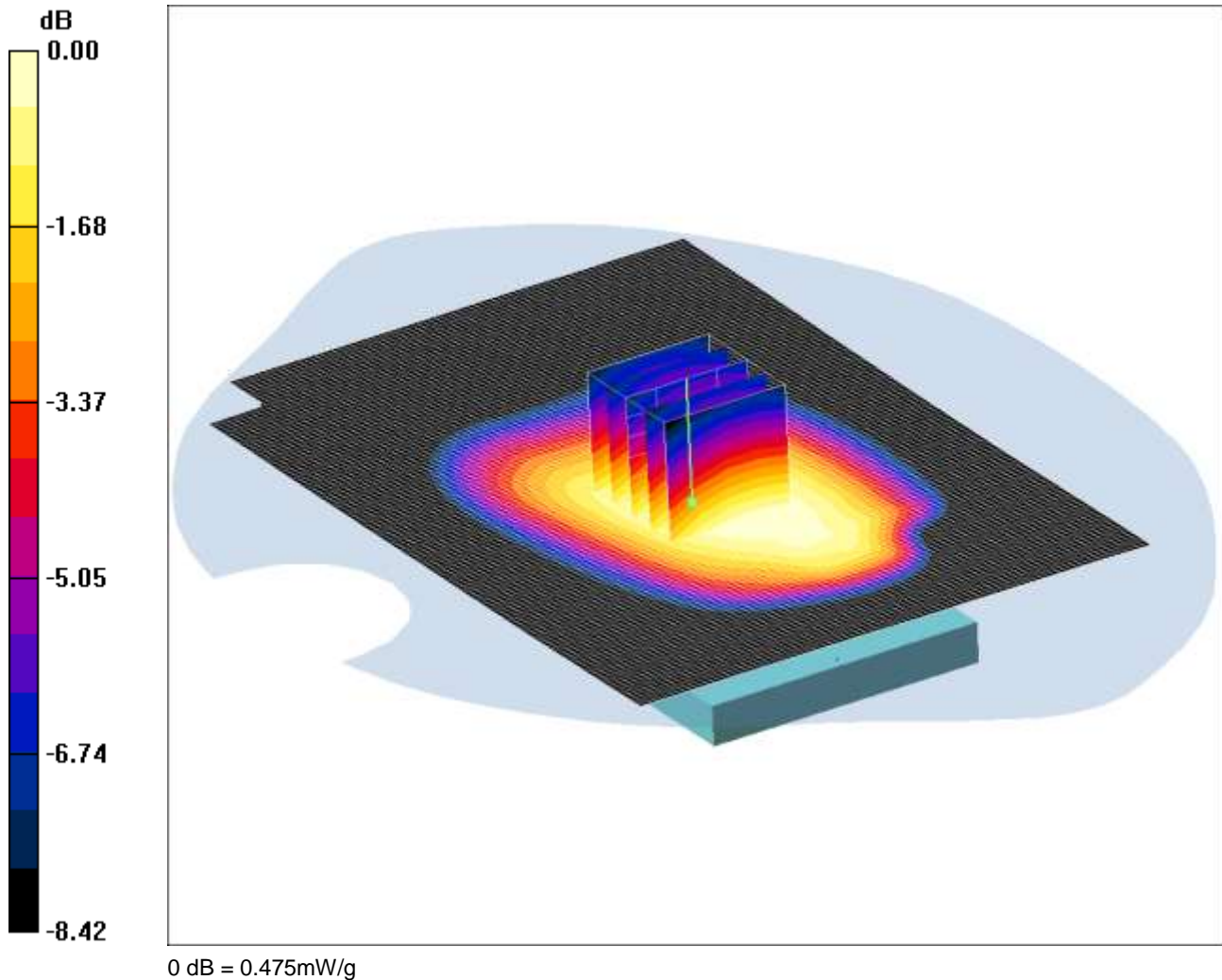
SAR(1 g) = 0.313 mW/g; SAR(10 g) = 0.245 mW/g

Maximum value of SAR (measured) = 0.327 mW/g

SCN/90574/008: Rear of EUT Facing Phantom GPRS CH190

Date: 24/10/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TUAF



Communication System: GPRS 850 MHz 4TX; Frequency: 836.6 MHz; Duty Cycle: 1:2

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.969$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Rear of EUT Facing Phantom - Middle 2 2/Area Scan (91x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.486 mW/g

Rear of EUT Facing Phantom - Middle 2 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.4 V/m; Power Drift = -0.062 dB

Peak SAR (extrapolated) = 0.551 W/kg

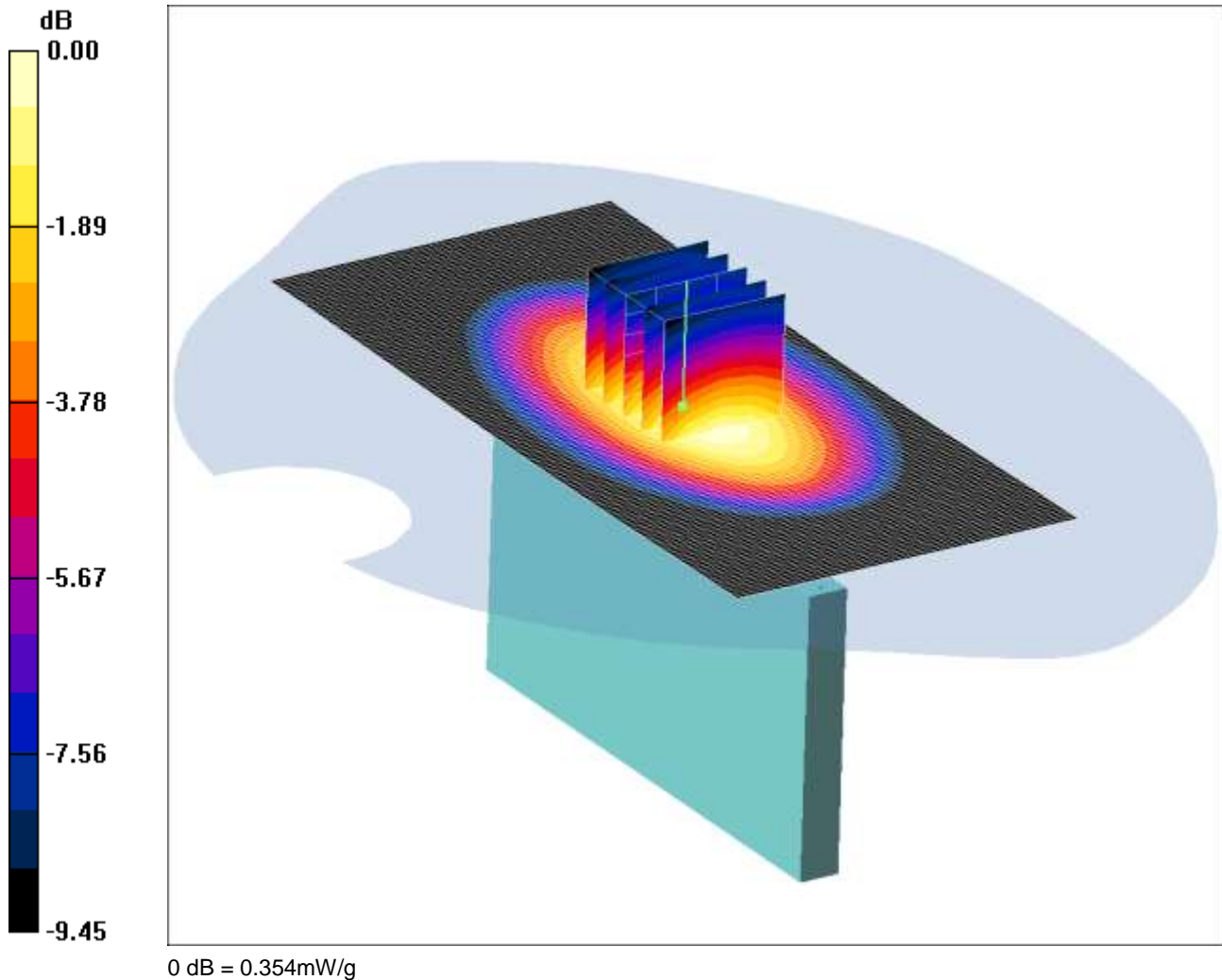
SAR(1 g) = 0.456 mW/g; SAR(10 g) = 0.351 mW/g

Maximum value of SAR (measured) = 0.475 mW/g

SCN/90574/009: Left Side of EUT Facing Phantom GPRS CH190

Date: 24/10/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TUAF



0 dB = 0.354mW/g

Communication System: GPRS 850 MHz 4TX; Frequency: 836.6 MHz; Duty Cycle: 1:2

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6 \text{ MHz}$; $\sigma = 0.969 \text{ mho/m}$; $\epsilon_r = 54$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Left Side of EUT Facing Phantom - Middle 2 /Area Scan (61x131x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.369 mW/g

Left Side of EUT Facing Phantom - Middle 2 /Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 20.9 V/m; Power Drift = -0.035 dB

Peak SAR (extrapolated) = 0.445 W/kg

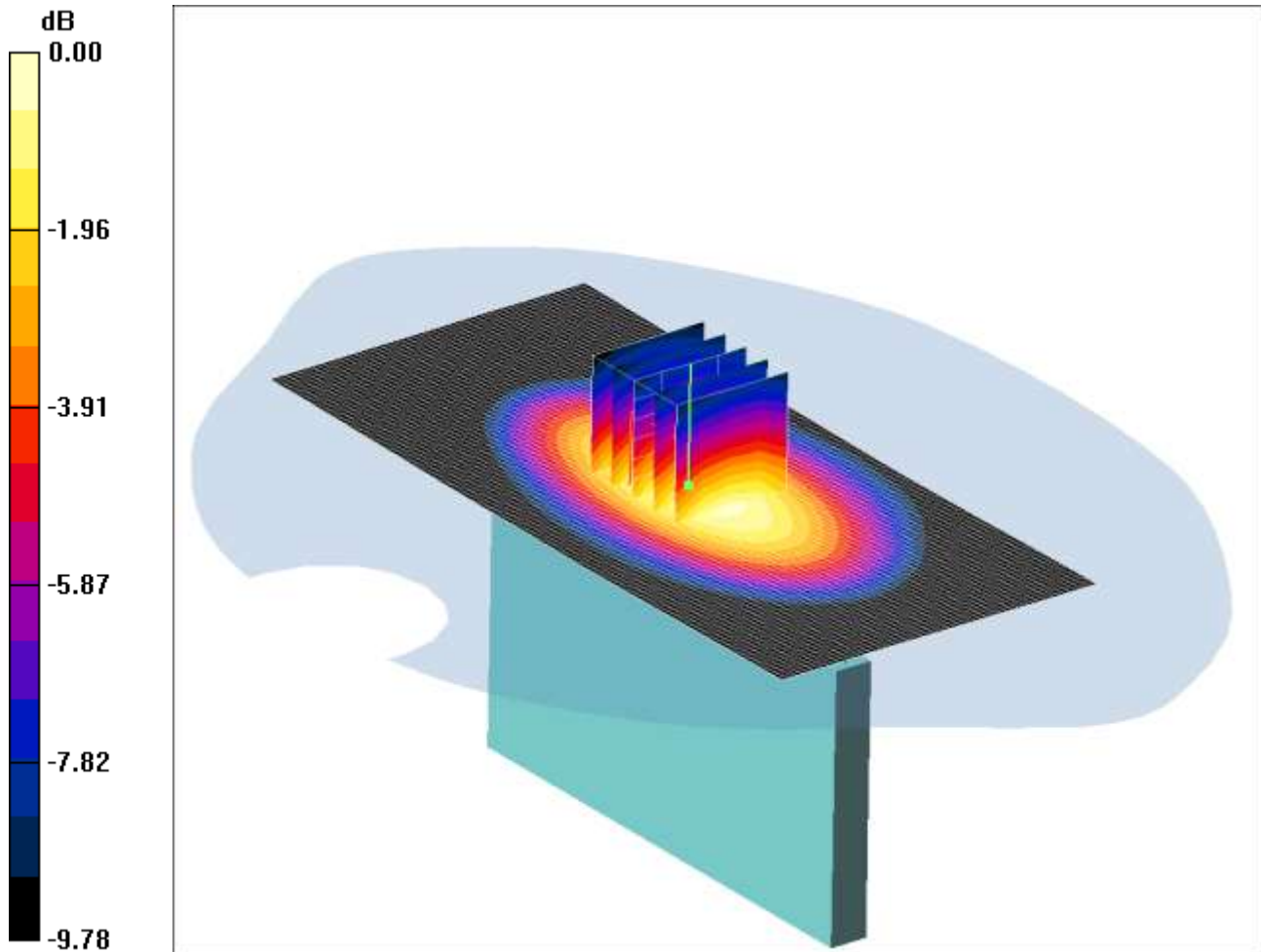
SAR(1 g) = 0.333 mW/g; SAR(10 g) = 0.233 mW/g

Maximum value of SAR (measured) = 0.354 mW/g

SCN/90574/010: Right Side of EUT Facing Phantom GPRS CH190

Date: 24/10/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TUAF



0 dB = 0.448mW/g

Communication System: GPRS 850 MHz 4TX; Frequency: 836.6 MHz; Duty Cycle: 1:2

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.969$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Right Side of EUT Facing Phantom - Middle 2 2/Area Scan (61x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.425 mW/g

Right Side of EUT Facing Phantom - Middle 2 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:

dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.3 V/m; Power Drift = -0.068 dB

Peak SAR (extrapolated) = 0.565 W/kg

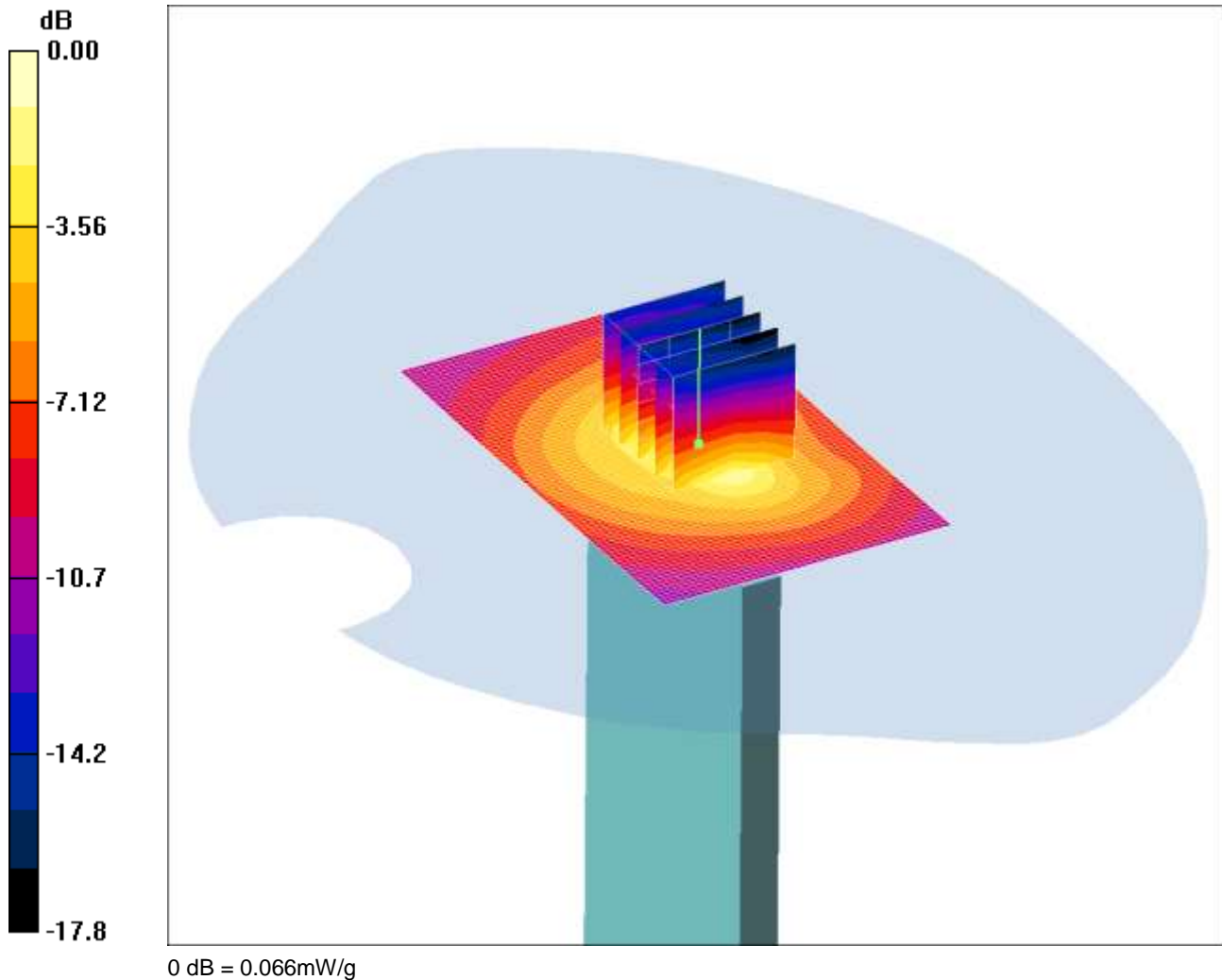
SAR(1 g) = 0.418 mW/g; SAR(10 g) = 0.289 mW/g

Maximum value of SAR (measured) = 0.448 mW/g

SCN/90574/011: Bottom of EUT Facing Phantom GPRS CH190

Date: 24/10/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TUAF



Communication System: GPRS 850 MHz 4TX; Frequency: 836.6 MHz; Duty Cycle: 1:2

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.969$ mho/m; $\epsilon_r = 54$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Bottom of EUT Facing Phantom - Middle/Area Scan (51x81x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.064 mW/g

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

Reference Value = 8.28 V/m; Power Drift = -0.159 dB

Peak SAR (extrapolated) = 0.150 W/kg

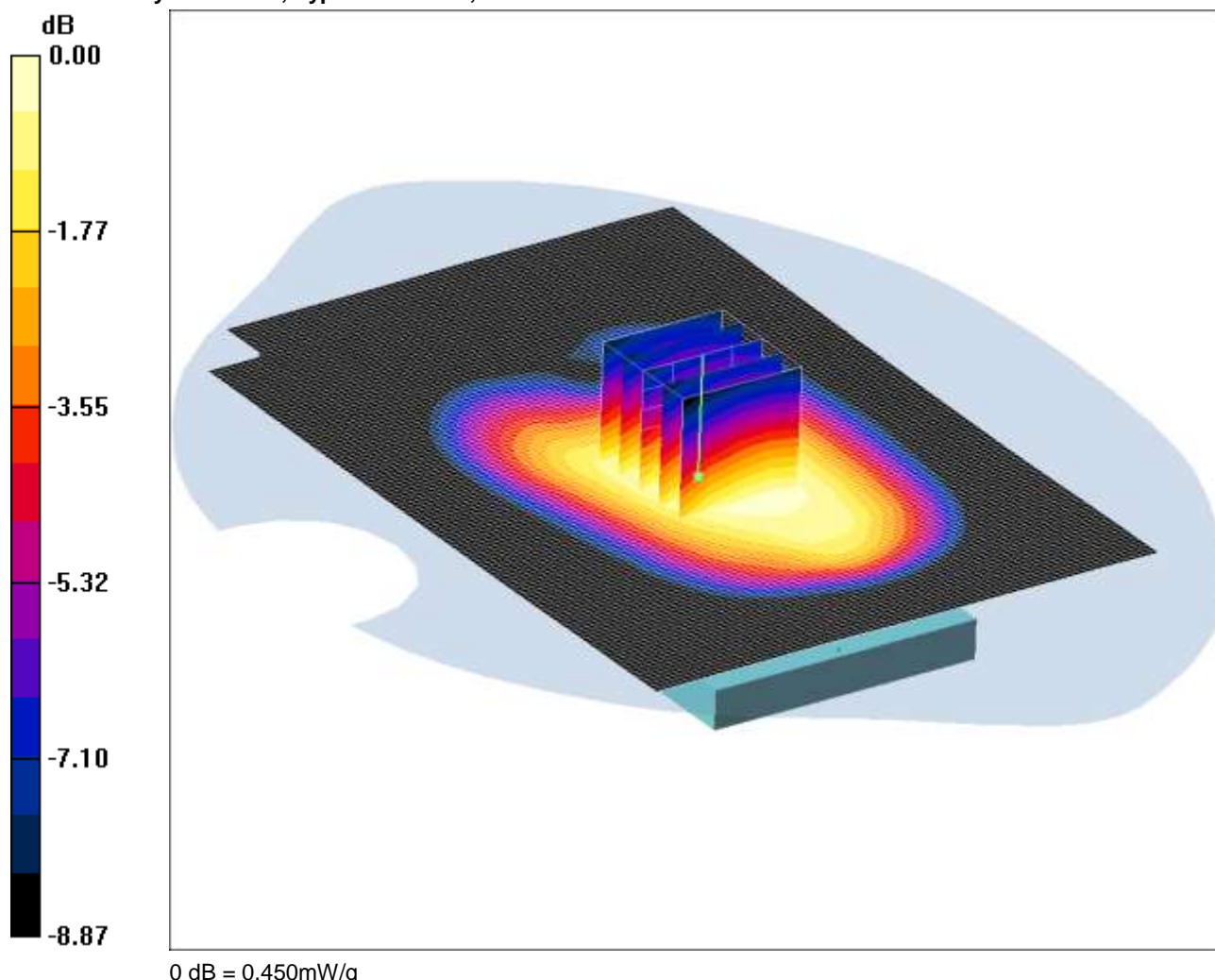
SAR(1 g) = 0.060 mW/g; SAR(10 g) = 0.029 mW/g

Maximum value of SAR (measured) = 0.066 mW/g

SCN/90574/012: Rear of EUT Facing Phantom GPRS CH128

Date: 05/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TUAF



Communication System: GPRS 850 MHz 4TX; Frequency: 824.2 MHz; Duty Cycle: 1:2

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.987$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Rear of EUT Facing Phantom - Low/Area Scan (91x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.462 mW/g

Rear of EUT Facing Phantom - Low/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.0 V/m; Power Drift = -0.106 dB

Peak SAR (extrapolated) = 0.529 W/kg

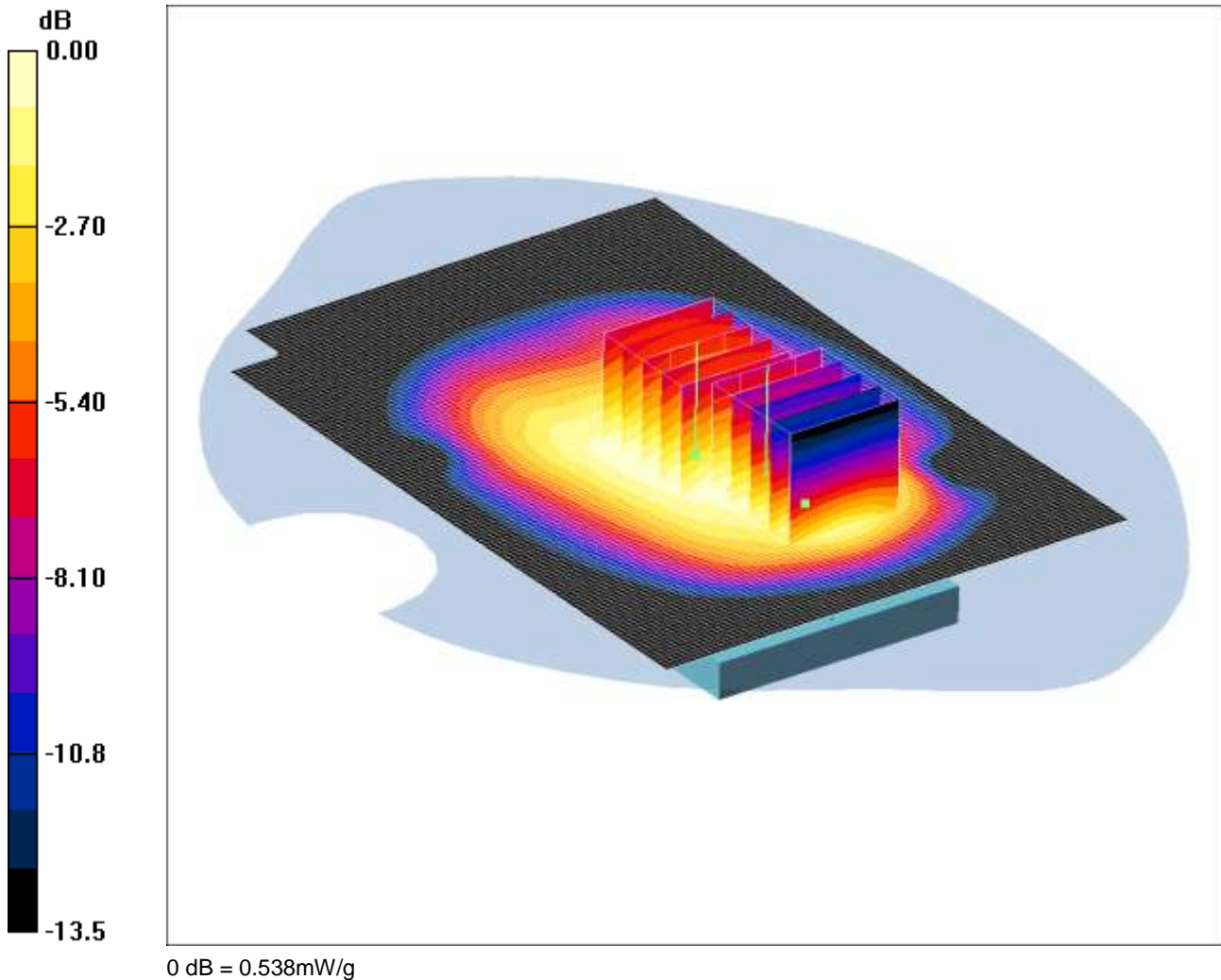
SAR(1 g) = 0.424 mW/g; SAR(10 g) = 0.317 mW/g

Maximum value of SAR (measured) = 0.450 mW/g

SCN/90574/013: Rear of EUT Facing Phantom GPRS CH251

Date: 05/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TUAF



Communication System: GPRS 850 MHz 4TX; Frequency: 848.8 MHz; Duty Cycle: 1:2

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.999$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Rear of EUT Facing Phantom - High/Area Scan (91x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.591 mW/g

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

Reference Value = 24.8 V/m; Power Drift = -0.093 dB

Peak SAR (extrapolated) = 0.683 W/kg

SAR(1 g) = 0.562 mW/g; SAR(10 g) = 0.427 mW/g

Maximum value of SAR (measured) = 0.589 mW/g

Rear of EUT Facing Phantom - High/Zoom Scan (5x5x7) (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.8 V/m; Power Drift = -0.093 dB

Peak SAR (extrapolated) = 0.721 W/kg

SAR(1 g) = 0.500 mW/g; SAR(10 g) = 0.345 mW/g

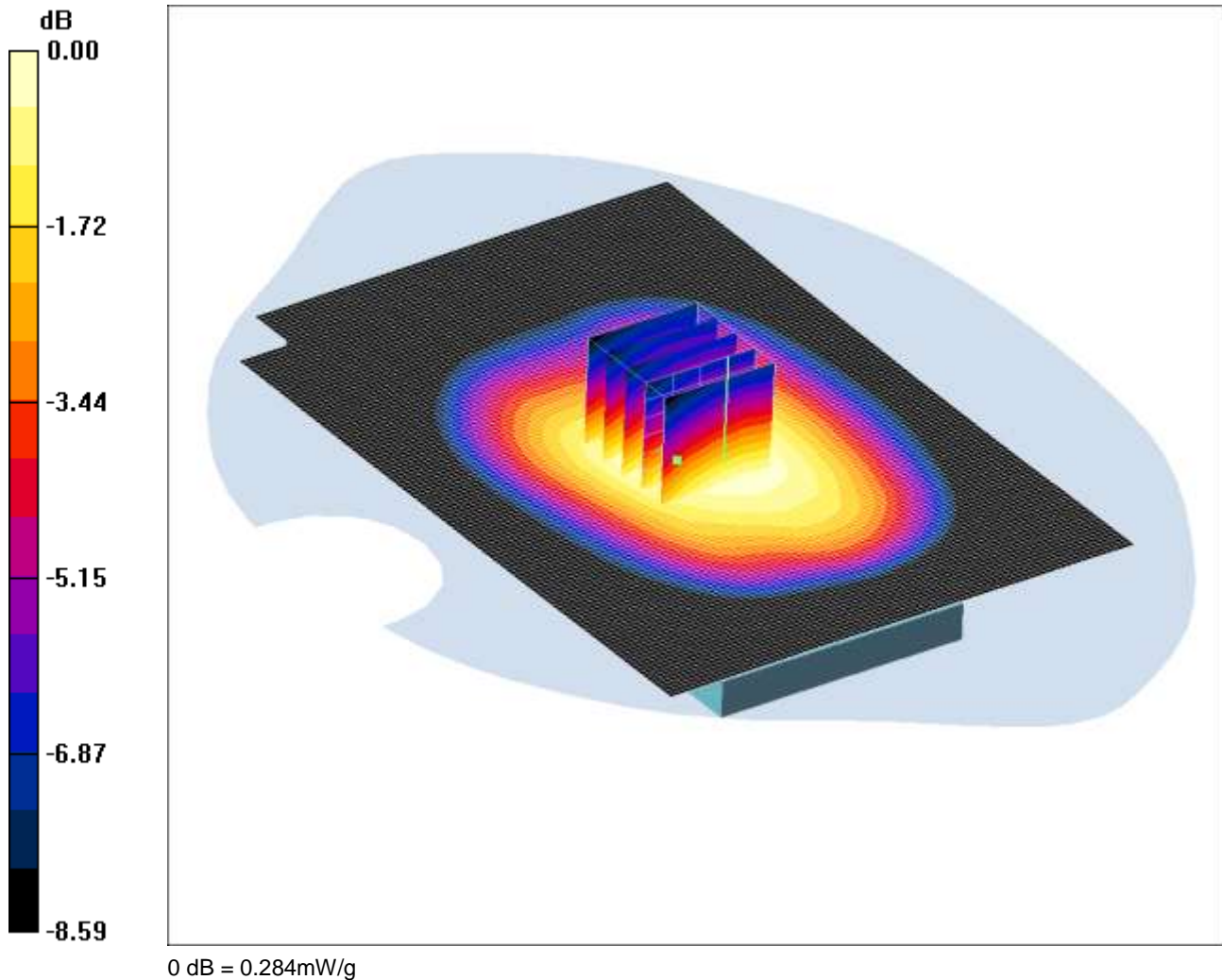
Maximum value of SAR (measured) = 0.538 mW/g

Note: DASY system is configured to measure any secondary maxima that are within 2dB of the measured SAR level.

SCN/90574/014: Rear of EUT Facing Phantom at 15mm GSM CH190

Date: 05/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TUAF



Communication System: GSM 850 MHz; Frequency: 836.6 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.993$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Rear of EUT Facing Phantom at 15mm - Middle/Area Scan (91x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.302 mW/g

Rear of EUT Facing Phantom at 15mm - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 18.5 V/m; Power Drift = 0.121 dB

Peak SAR (extrapolated) = 0.332 W/kg

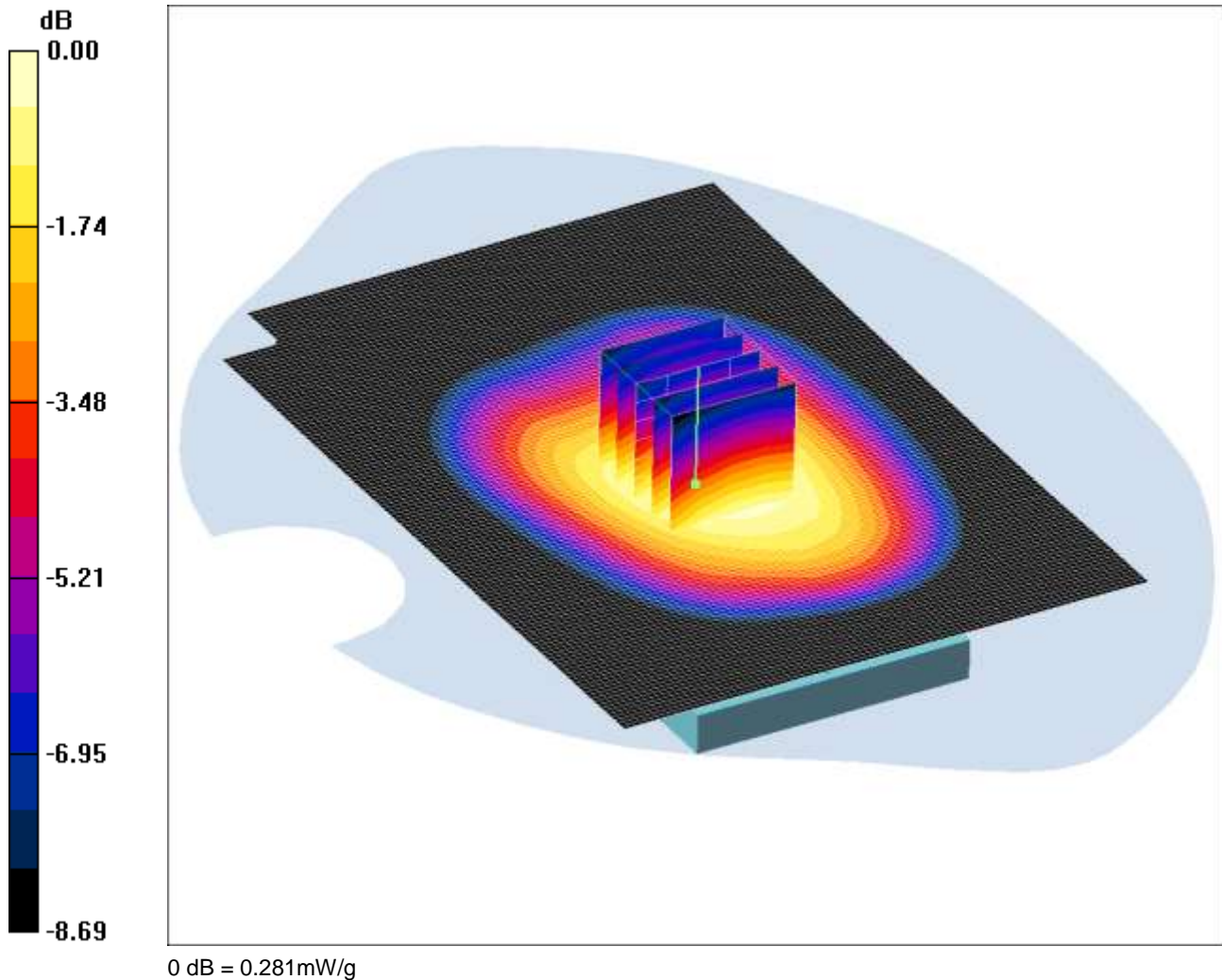
SAR(1 g) = 0.272 mW/g; SAR(10 g) = 0.205 mW/g

Maximum value of SAR (measured) = 0.284 mW/g

SCN/90574/015: Rear of EUT Facing Phantom at 15mm GSM CH128

Date: 05/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TUAF



Communication System: GSM 850 MHz; Frequency: 824.2 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 824.2$ MHz; $\sigma = 0.987$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Rear of EUT Facing Phantom at 15mm - Low/Area Scan (91x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.281 mW/g

Rear of EUT Facing Phantom at 15mm - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:

dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.2 V/m; Power Drift = 0.073 dB

Peak SAR (extrapolated) = 0.331 W/kg

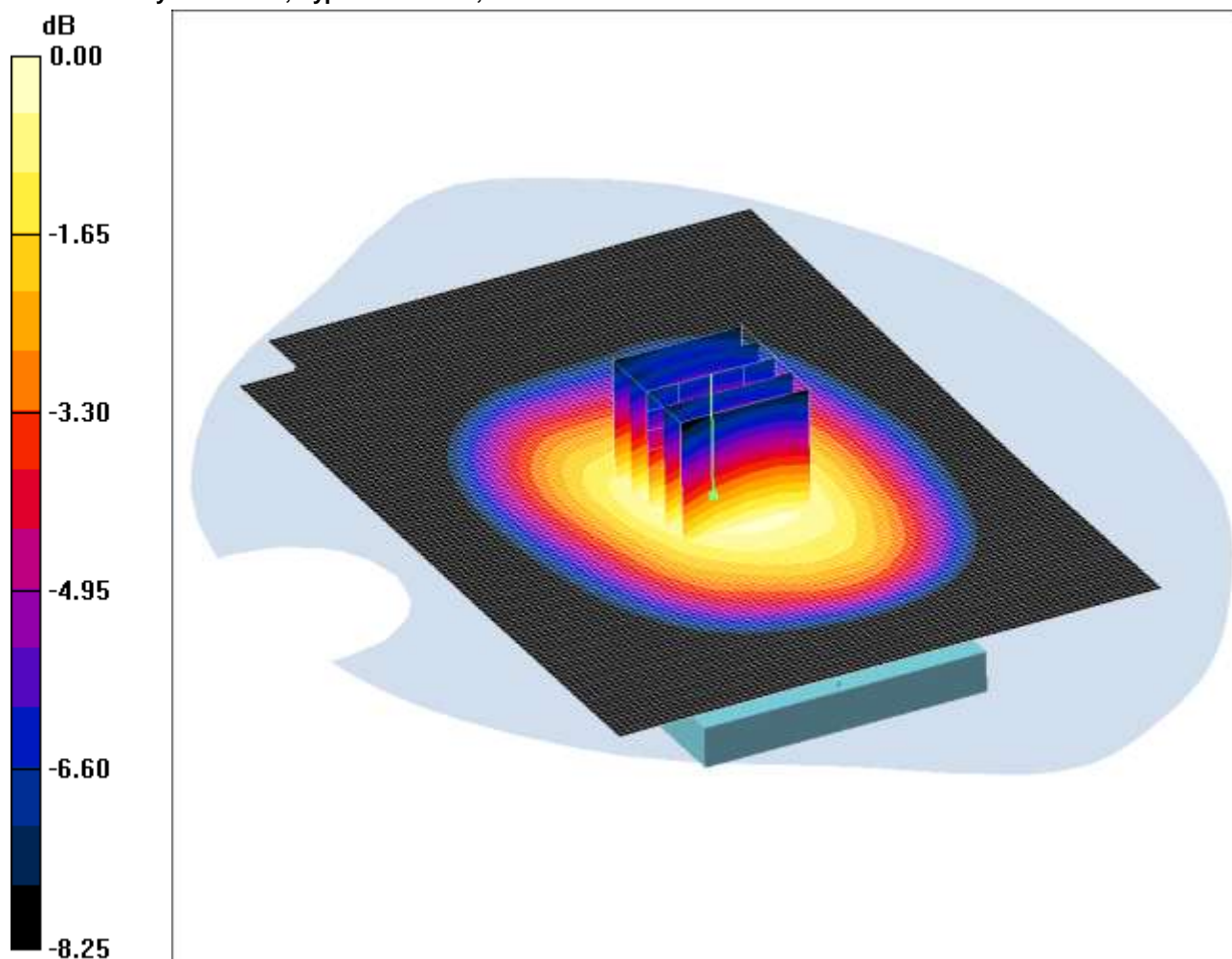
SAR(1 g) = 0.268 mW/g; SAR(10 g) = 0.201 mW/g

Maximum value of SAR (measured) = 0.281 mW/g

SCN/90574/016: Rear of EUT Facing Phantom at 15mm GSM CH251

Date: 05/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TUAF



0 dB = 0.391mW/g

Communication System: GSM 850 MHz; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.999$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Rear of EUT Facing Phantom at 15mm - High/Area Scan (91x131x1): Measurement grid: dx=15mm, dy=15mm

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

Rear of EUT Facing Phantom at 15mm - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.4 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.451 W/kg

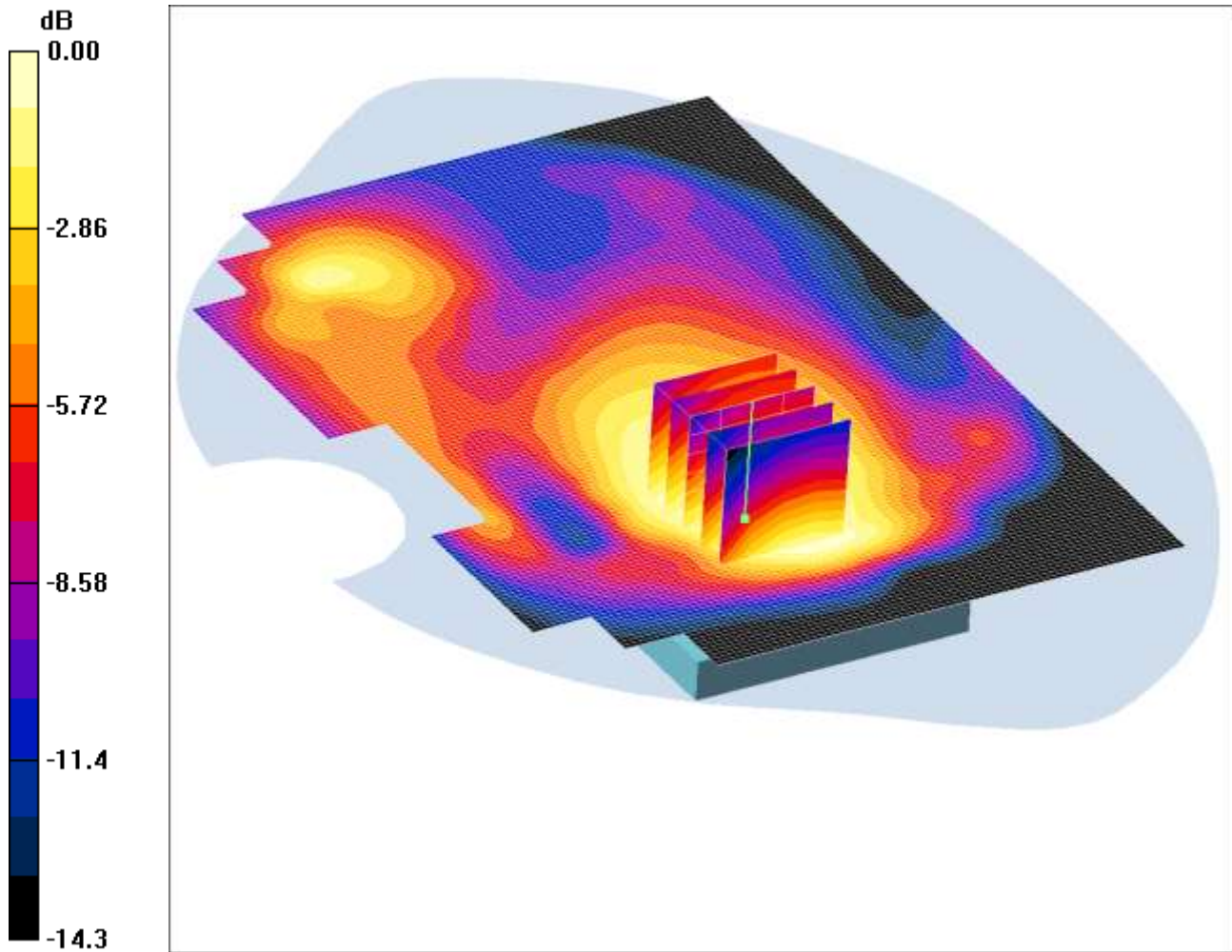
SAR(1 g) = 0.371 mW/g; SAR(10 g) = 0.280 mW/g

Maximum value of SAR (measured) = 0.391 mW/g

SCN/90574/017: Rear of EUT Facing Phantom at 15mm with PHF GSM CH251

Date: 05/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TUAF



0 dB = 0.376mW/g

Communication System: GSM 850 MHz; Frequency: 848.8 MHz; Duty Cycle: 1:8.3

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 848.8$ MHz; $\sigma = 0.999$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Rear of EUT Facing Phantom at 15mm with PHF- High/Area Scan (101x141x1): Measurement grid:

$dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.399 mW/g

Rear of EUT Facing Phantom at 15mm with PHF- High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement

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

Reference Value = 15.4 V/m; Power Drift = -0.072 dB

Peak SAR (extrapolated) = 0.443 W/kg

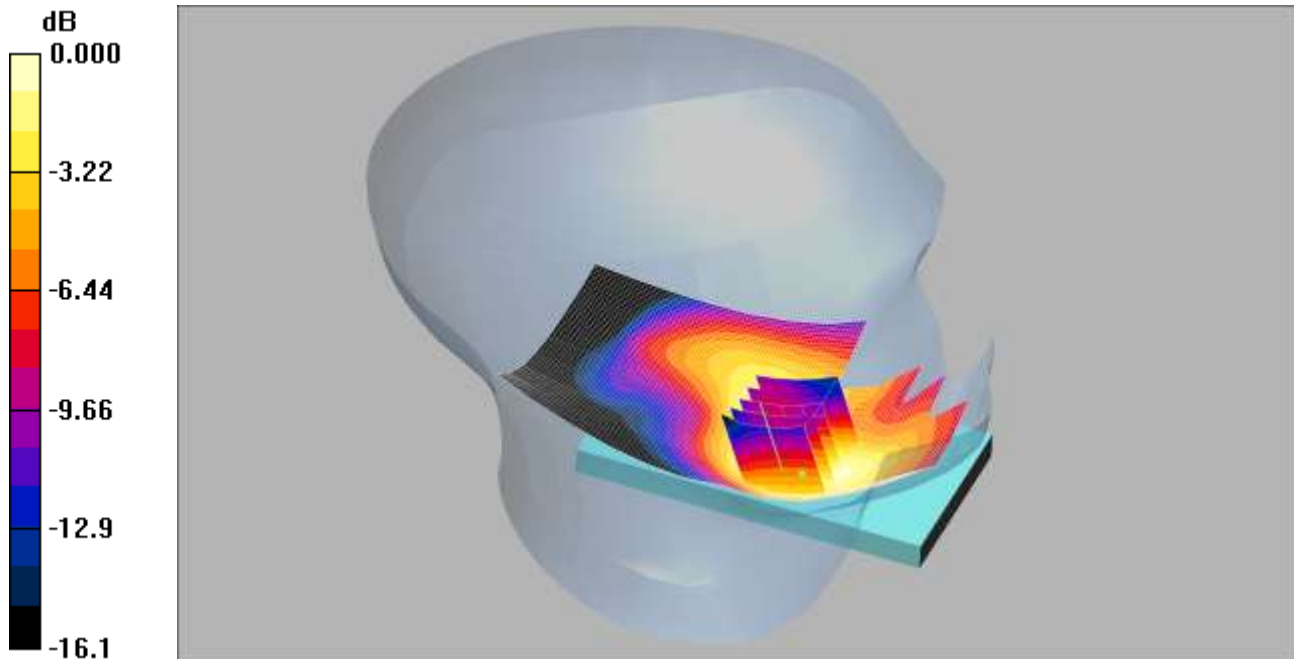
SAR(1 g) = 0.358 mW/g; SAR(10 g) = 0.267 mW/g

Maximum value of SAR (measured) = 0.376 mW/g

SCN/90574/018: Touch Left PCS CH661

Date: 06/12/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU04



0 dB = 0.193mW/g

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(5.18, 5.18, 5.18); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch Left - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.195 mW/g

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

Reference Value = 3.58 V/m; Power Drift = -0.032 dB

Peak SAR (extrapolated) = 0.269 W/kg

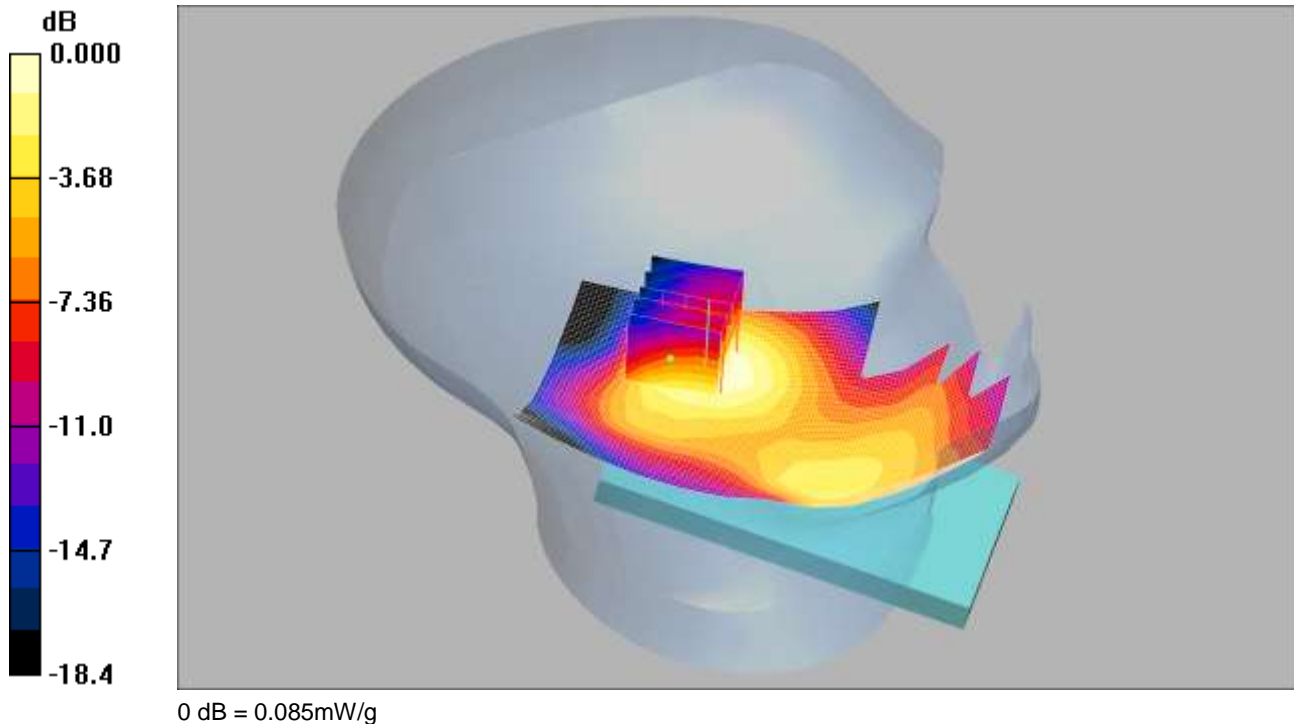
SAR(1 g) = 0.180 mW/g; SAR(10 g) = 0.116 mW/g

Maximum value of SAR (measured) = 0.193 mW/g

SCN/90574/019: Tilt Left PCS CH661

Date: 06/12/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU04



Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(5.18, 5.18, 5.18); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Tilt Left - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.093 mW/g

Tilt Left - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.91 V/m; Power Drift = 0.091 dB

Peak SAR (extrapolated) = 0.128 W/kg

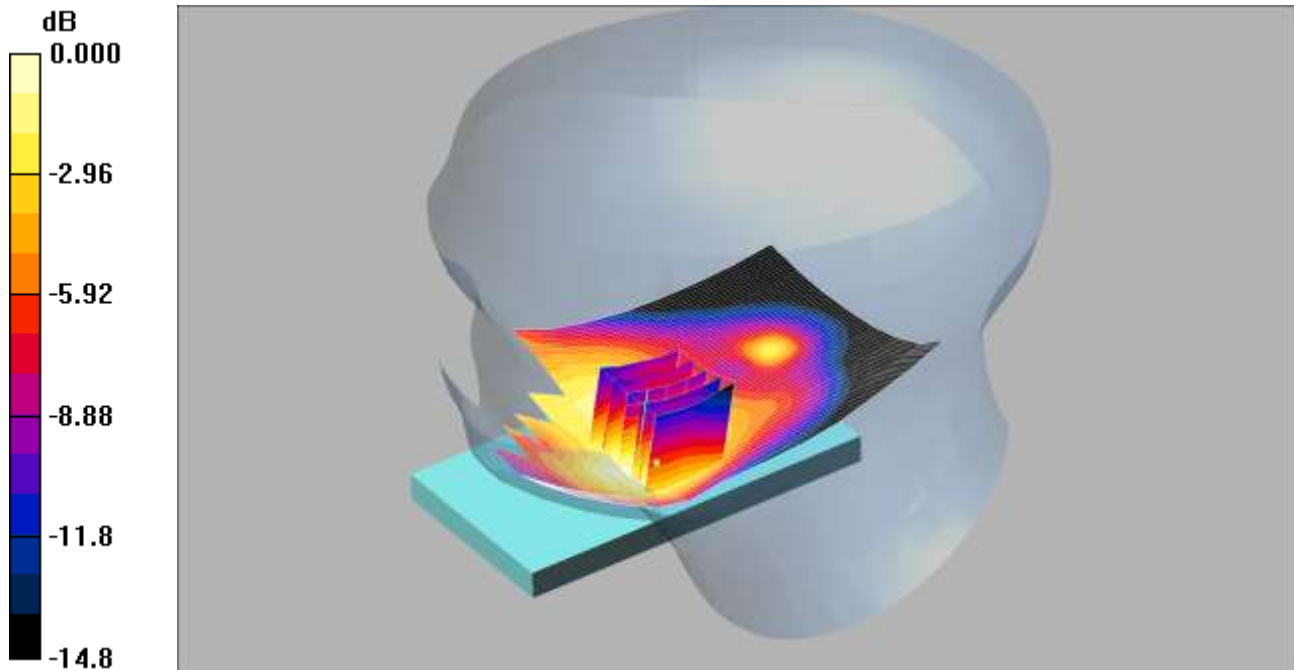
SAR(1 g) = 0.078 mW/g; SAR(10 g) = 0.049 mW/g

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

SCN/90574/020: Touch Right PCS CH661

Date: 06/12/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU04



0 dB = 0.120mW/g

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(5.18, 5.18, 5.18); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch Right - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.129 mW/g

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

Reference Value = 3.32 V/m; Power Drift = 0.119 dB

Peak SAR (extrapolated) = 0.160 W/kg

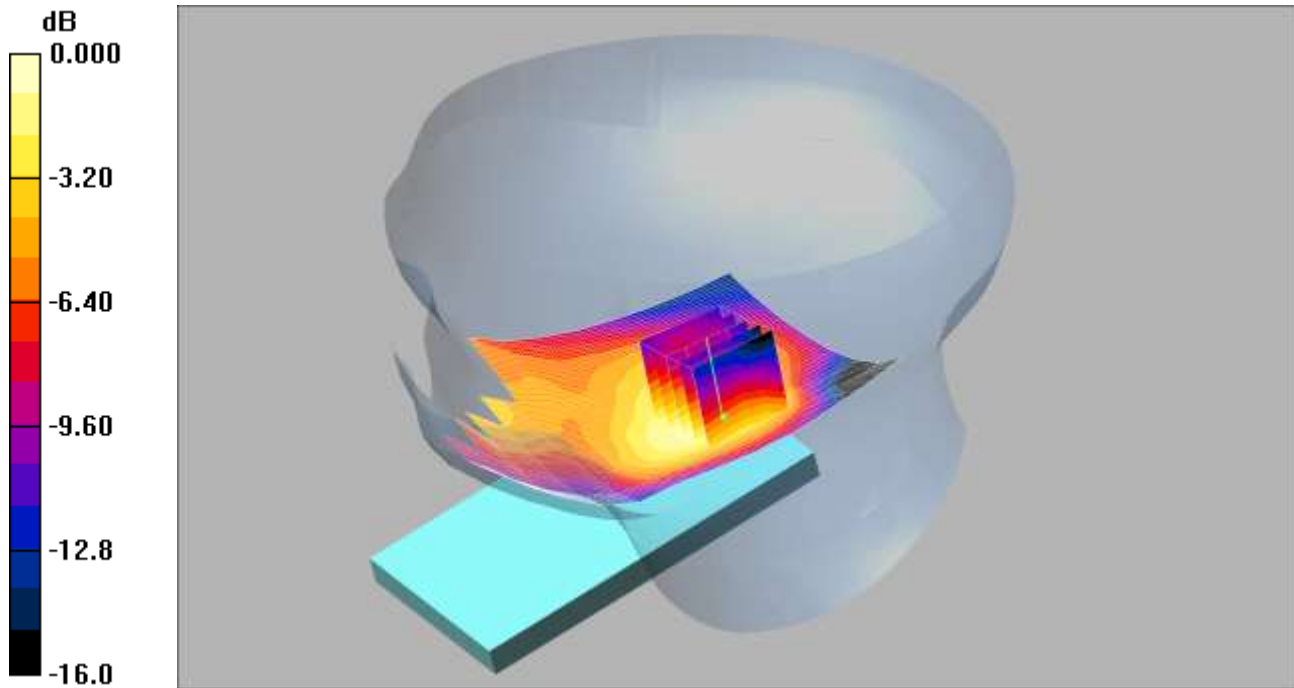
SAR(1 g) = 0.113 mW/g; SAR(10 g) = 0.076 mW/g

Maximum value of SAR (measured) = 0.120 mW/g

SCN/90574/021: Tilt Right PCS CH661

Date: 06/12/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU04



0 dB = 0.057mW/g

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.39$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(5.18, 5.18, 5.18); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Tilt Right - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 5.01 V/m; Power Drift = -0.192 dB

Peak SAR (extrapolated) = 0.076 W/kg

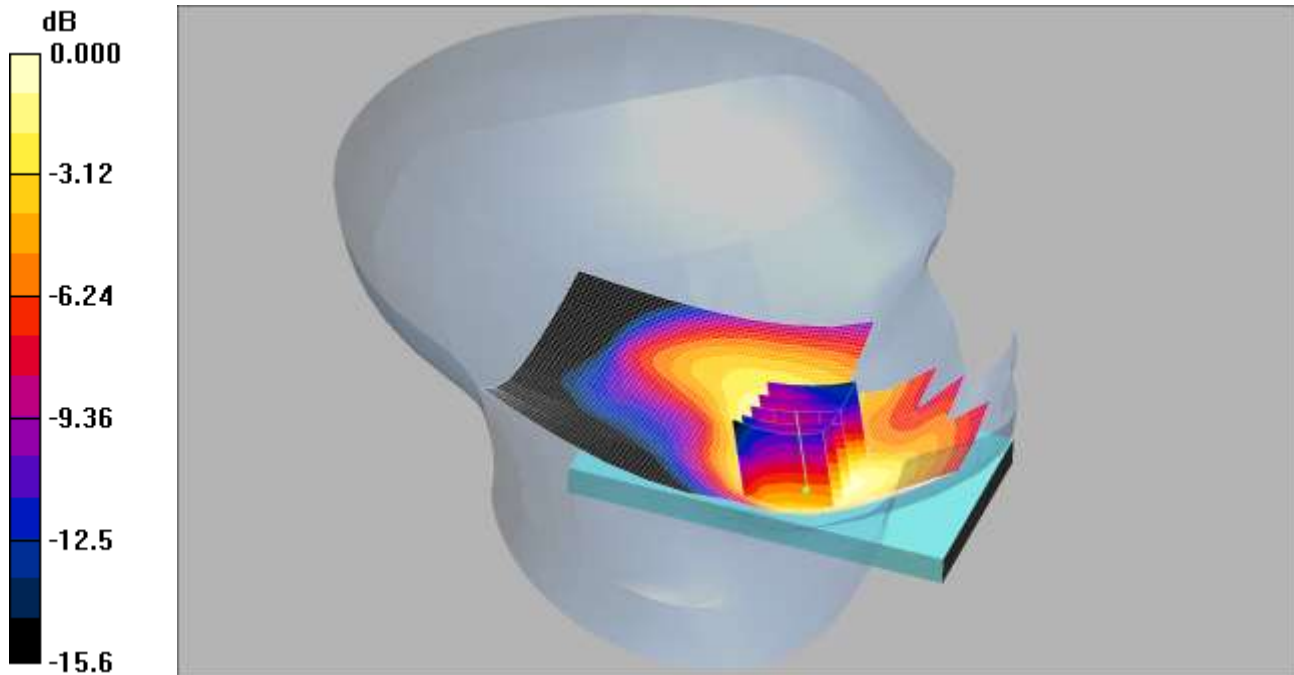
SAR(1 g) = 0.053 mW/g; SAR(10 g) = 0.034 mW/g

Maximum value of SAR (measured) = 0.057 mW/g

SCN/90574/022: Touch Left PCS CH512

Date: 06/12/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU04



0 dB = 0.137mW/g

Communication System: PCS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.37$ mho/m; $\epsilon_r = 39.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(5.18, 5.18, 5.18); Calibrated: 11/05/2012
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 20/09/2012
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch Left - Low/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.142 mW/g

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

Reference Value = 2.90 V/m; Power Drift = -0.014 dB

Peak SAR (extrapolated) = 0.180 W/kg

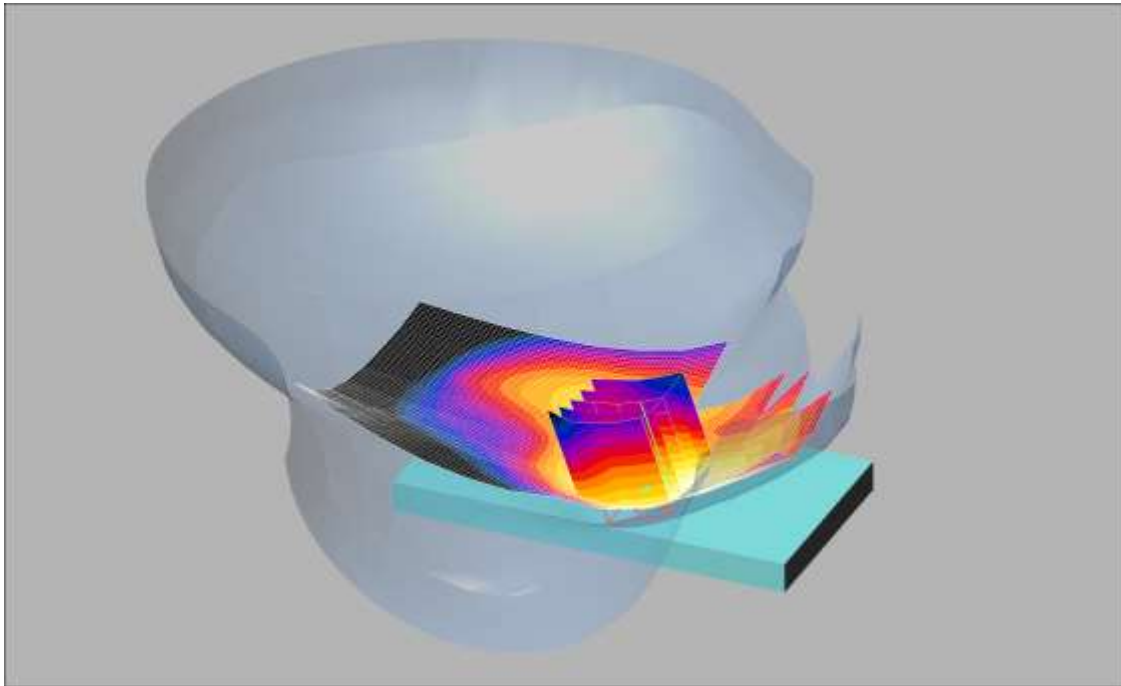
SAR(1 g) = 0.126 mW/g; SAR(10 g) = 0.081 mW/g

Maximum value of SAR (measured) = 0.137 mW/g

SCN/90574/023: Touch Left PCS CH810

Date: 06/12/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU04



0 dB = 0.253mW/g

Communication System: PCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: 1900 MHz HSL Medium parameters used (interpolated): $f = 1909.8$ MHz; $\sigma = 1.42$ mho/m; $\epsilon_r = 39.5$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(5.18, 5.18, 5.18); Calibrated: 11/05/2012
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 20/09/2012
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch Left - High/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.251 mW/g

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

Reference Value = 3.72 V/m; Power Drift = 0.098 dB

Peak SAR (extrapolated) = 0.362 W/kg

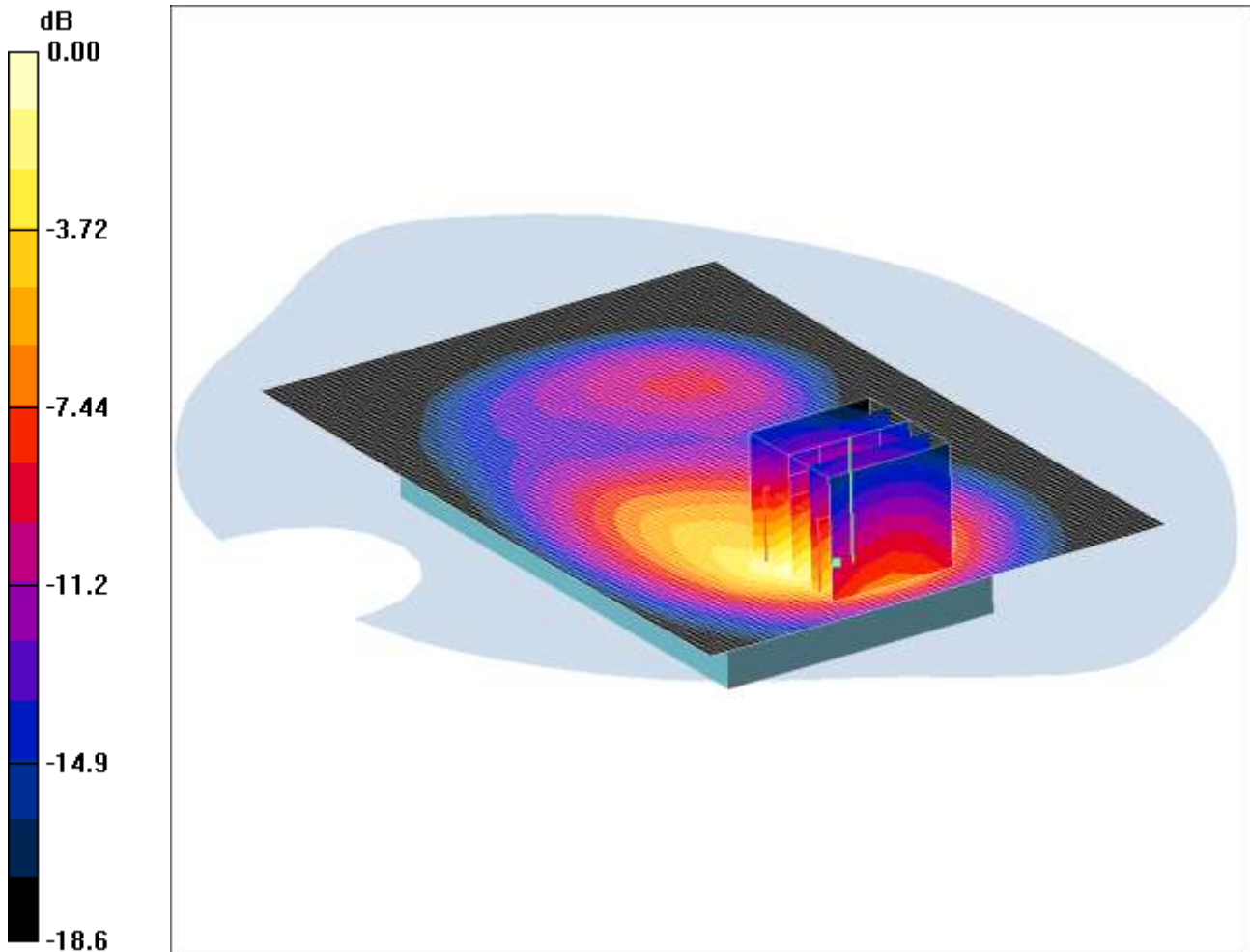
SAR(1 g) = 0.236 mW/g; SAR(10 g) = 0.150 mW/g

Maximum value of SAR (measured) = 0.253 mW/g

SCN/90574/024: Front of EUT Facing Phantom GPRS CH661

Date: 06/12/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



0 dB = 0.967mW/g

Communication System: GPRS 1900 2Tx; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.88, 4.88, 4.88); Calibrated: 31/08/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Front of EUT Facing Phantom - Middle/Area Scan 2 (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.968 mW/g

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

Reference Value = 6.20 V/m; Power Drift = 0.083 dB

Peak SAR (extrapolated) = 1.58 W/kg

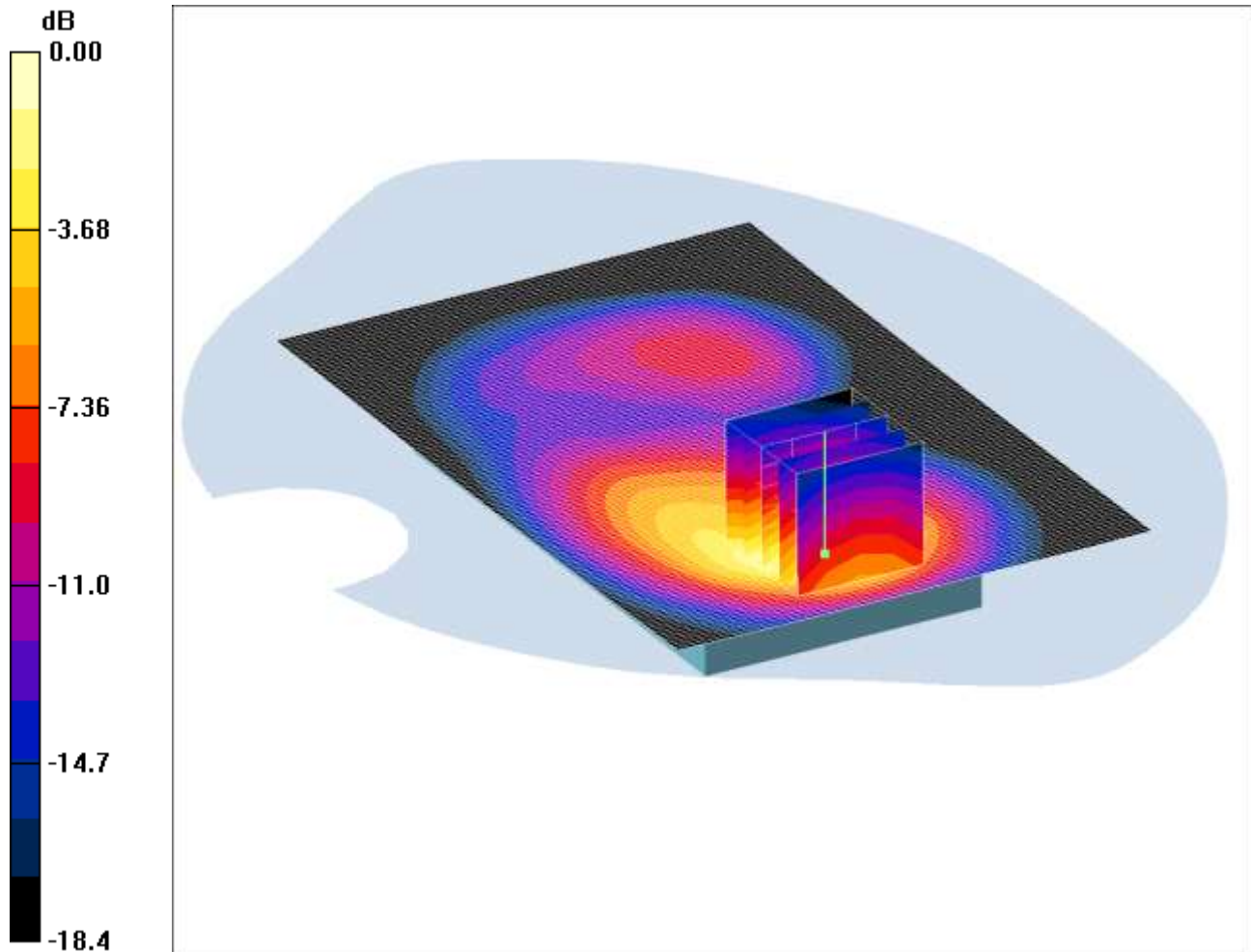
SAR(1 g) = 0.886 mW/g; SAR(10 g) = 0.464 mW/g

Maximum value of SAR (measured) = 0.967 mW/g

SCN/90574/025: Front of EUT Facing Phantom GPRS CH512

Date: 06/12/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



0 dB = 0.953mW/g

Communication System: GPRS 1900 2Tx; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.88, 4.88, 4.88); Calibrated: 31/08/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Front of EUT Facing Phantom - Low/Area Scan 2 (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.943 mW/g

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

Reference Value = 6.19 V/m; Power Drift = -0.117 dB

Peak SAR (extrapolated) = 1.48 W/kg

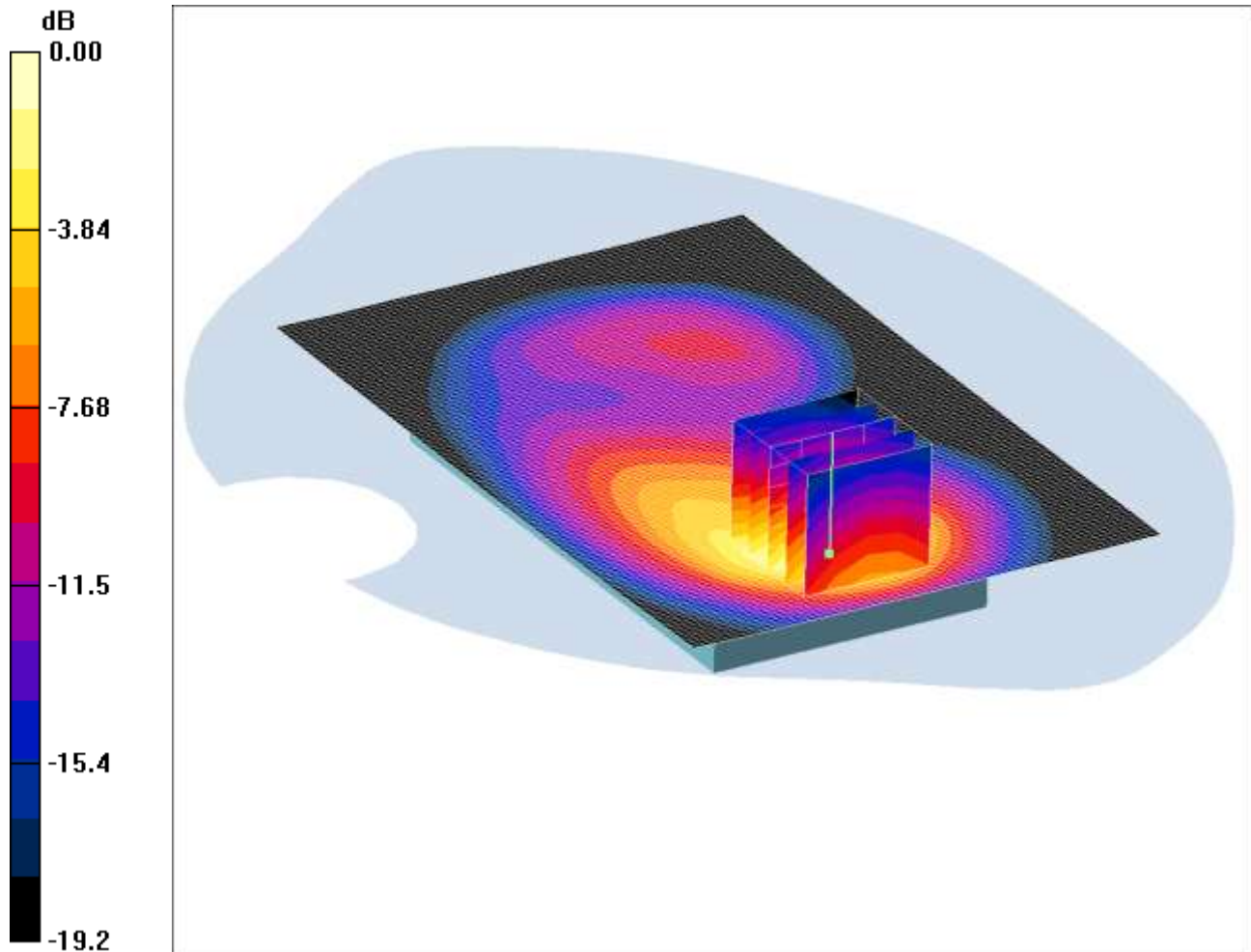
SAR(1 g) = 0.835 mW/g; SAR(10 g) = 0.441 mW/g

Maximum value of SAR (measured) = 0.953 mW/g

SCN/90574/026: Front of EUT Facing Phantom GPRS CH810

Date: 06/12/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



0 dB = 1.04mW/g

Communication System: GPRS 1900 2Tx; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1909.8$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.88, 4.88, 4.88); Calibrated: 31/08/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Front of EUT Facing Phantom - High/Area Scan 2 (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.02 mW/g

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

Reference Value = 6.56 V/m; Power Drift = 0.031 dB

Peak SAR (extrapolated) = 1.63 W/kg

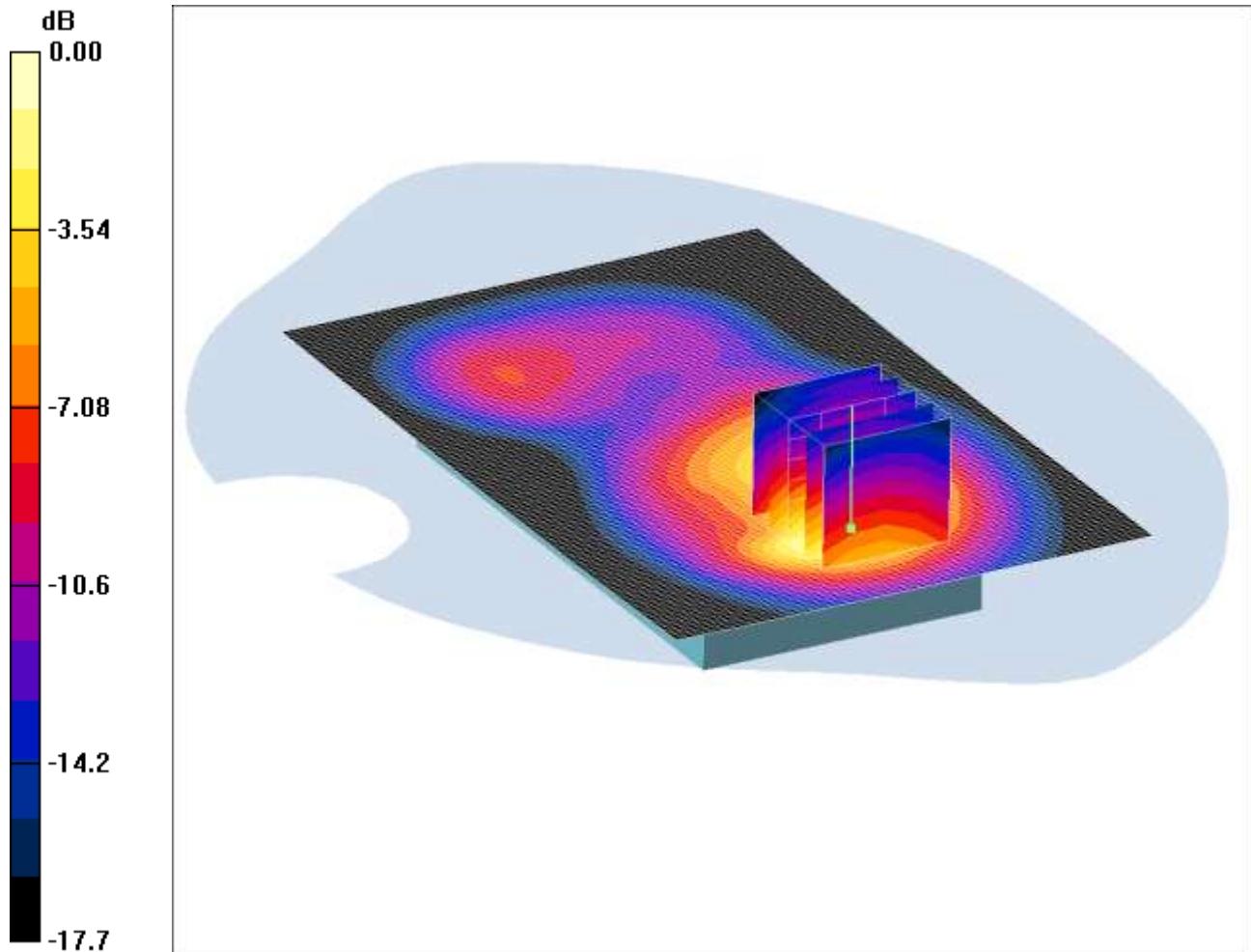
SAR(1 g) = 0.917 mW/g; SAR(10 g) = 0.479 mW/g

Maximum value of SAR (measured) = 1.04 mW/g

SCN/90574/027: Back of EUT Facing Phantom GPRS CH661

Date: 06/12/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



0 dB = 0.800mW/g

Communication System: GPRS 1900 2Tx; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.88, 4.88, 4.88); Calibrated: 31/08/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom -Middle/Area Scan 2 (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.795 mW/g

Back of EUT Facing Phantom -Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.29 V/m; Power Drift = 0.156 dB

Peak SAR (extrapolated) = 1.21 W/kg

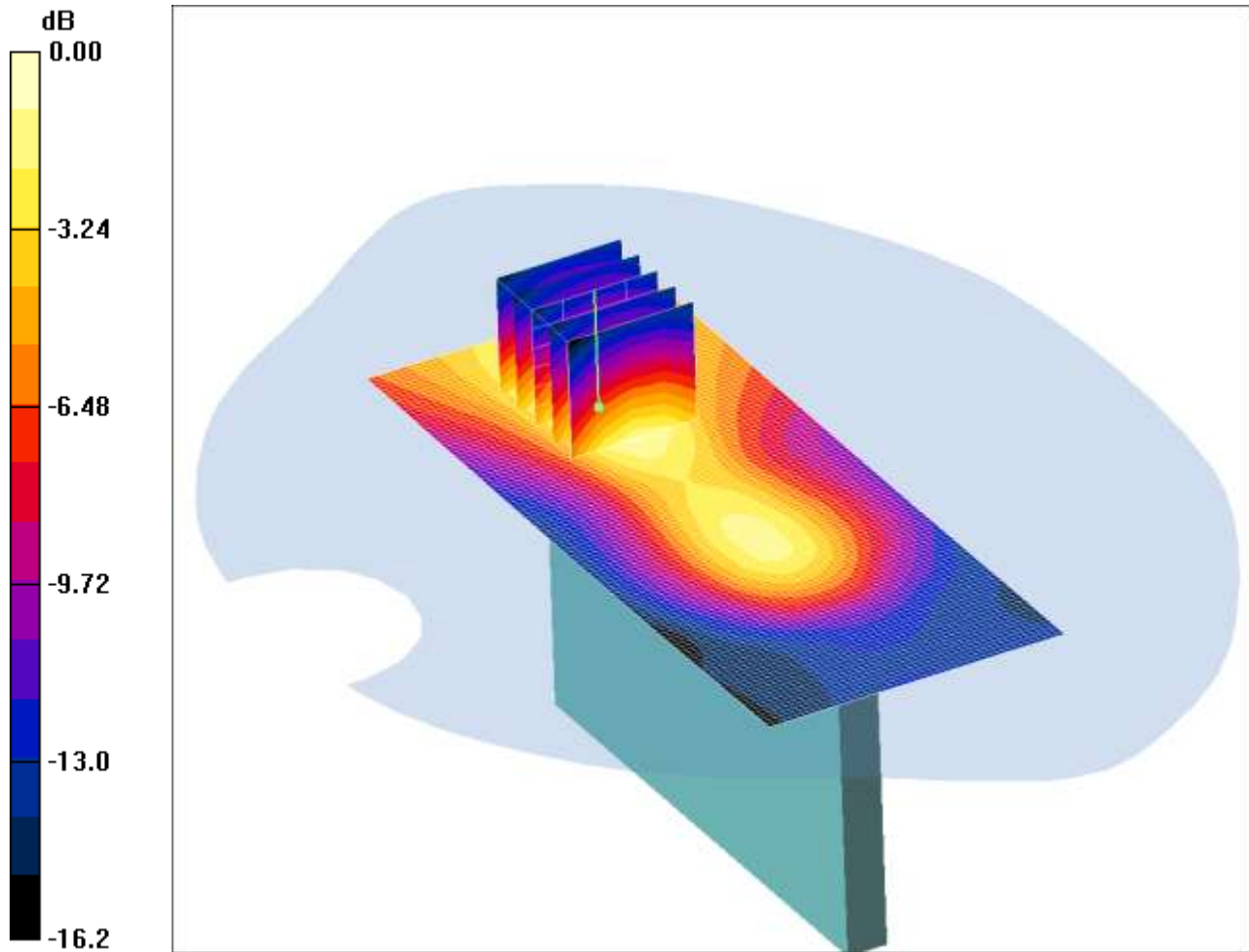
SAR(1 g) = 0.720 mW/g; SAR(10 g) = 0.406 mW/g

Maximum value of SAR (measured) = 0.800 mW/g

SCN/90574/028: Left Hand Side of EUT Facing Phantom GPRS CH661

Date: 06/12/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



0 dB = 0.158mW/g

Communication System: GPRS 1900 2Tx; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.88, 4.88, 4.88); Calibrated: 31/08/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Left Hand Side of EUT Facing Phantom - Middle/Area Scan 2 (51x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.162 mW/g

Left Hand Side of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:

dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.20 V/m; Power Drift = 0.172 dB

Peak SAR (extrapolated) = 0.234 W/kg

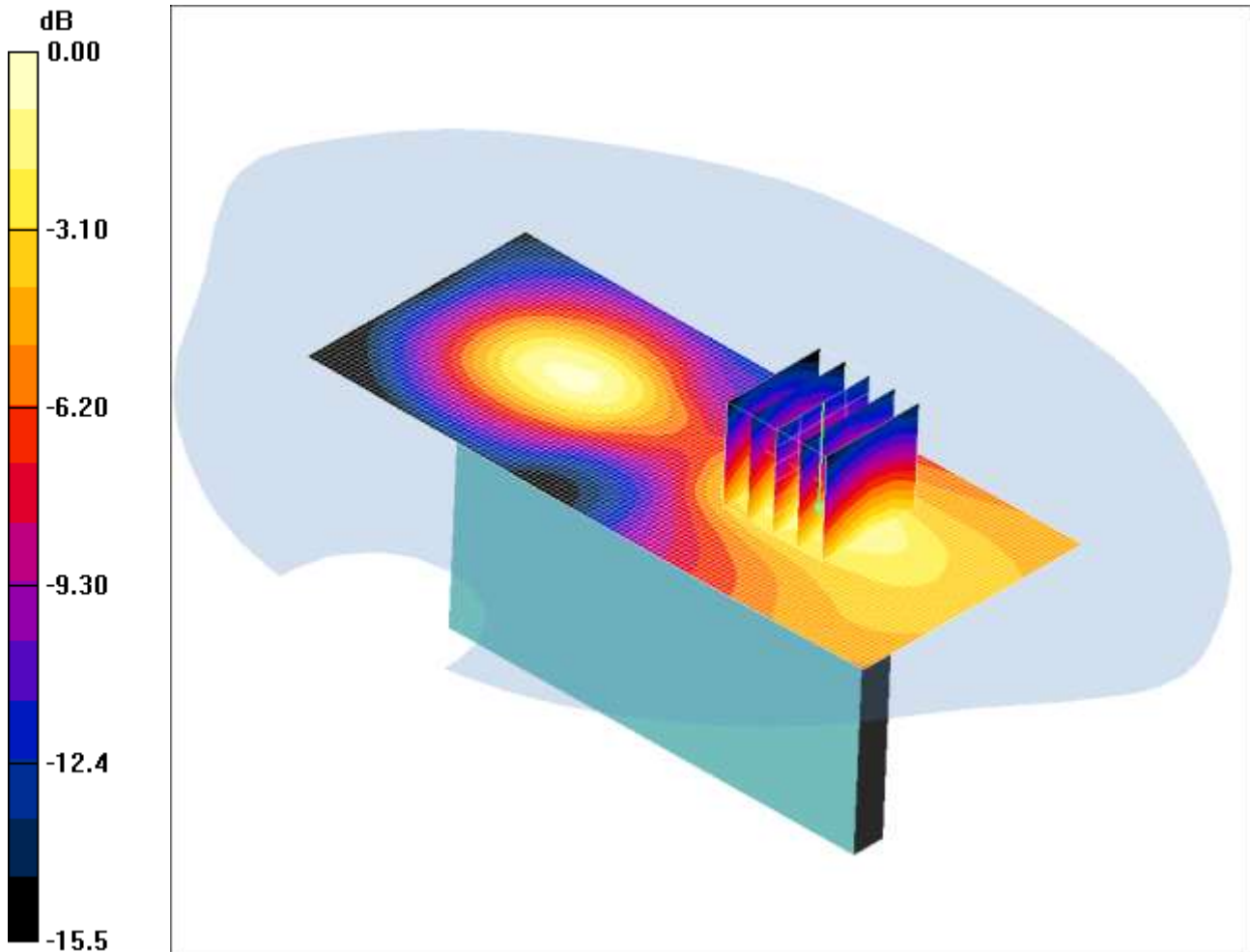
SAR(1 g) = 0.142 mW/g; SAR(10 g) = 0.080 mW/g

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

SCN/90574/029: Right Hand Side of EUT Facing Phantom GPRS CH661

Date: 06/12/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



0 dB = 0.098mW/g

Communication System: GPRS 1900 2Tx; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.88, 4.88, 4.88); Calibrated: 31/08/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Right Hand Side of EUT Facing Phantom - Middle 2/Area Scan 2 (51x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.101 mW/g

Right Hand Side of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.81 V/m; Power Drift = 0.133 dB

Peak SAR (extrapolated) = 0.141 W/kg

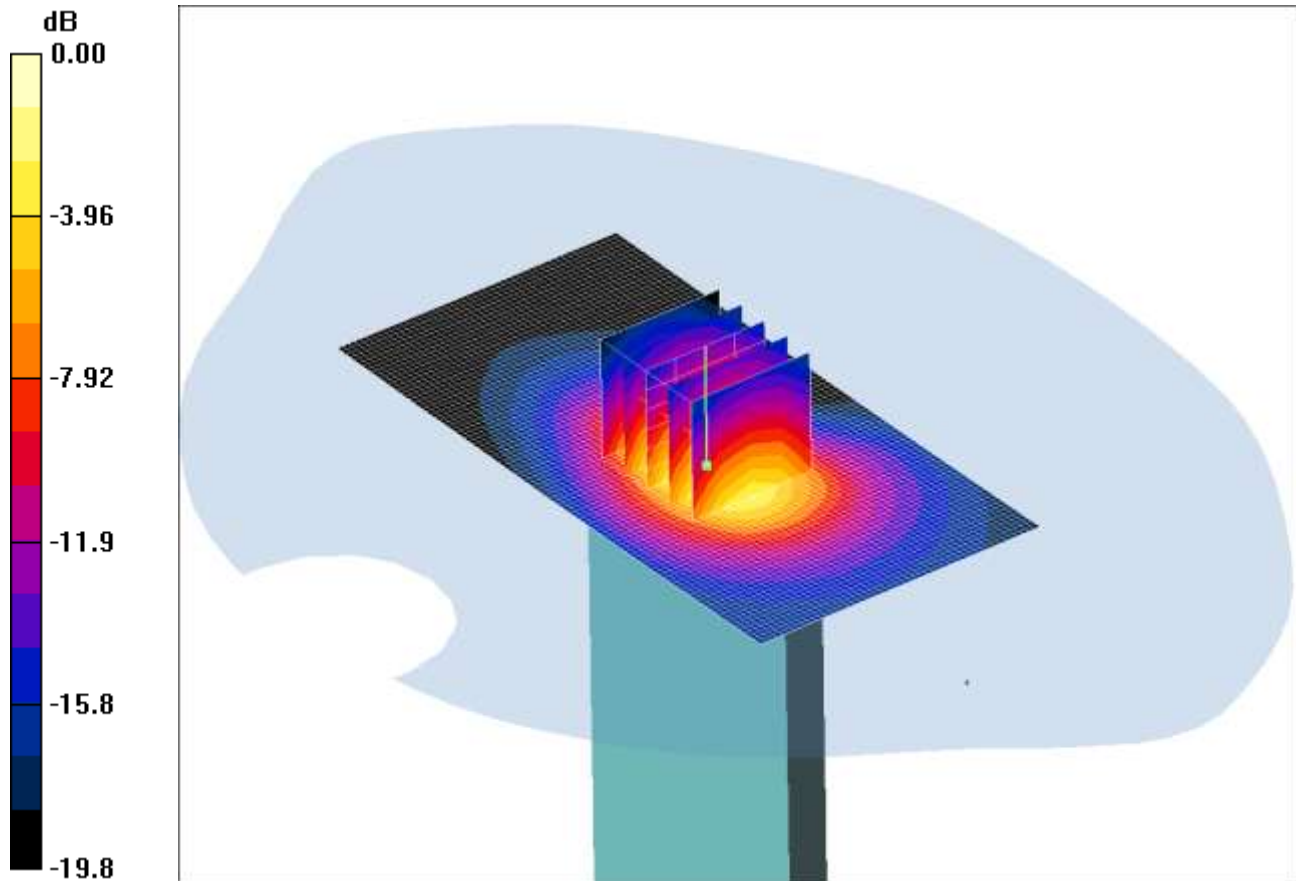
SAR(1 g) = 0.088 mW/g; SAR(10 g) = 0.052 mW/g

Maximum value of SAR (measured) = 0.098 mW/g

SCN/90574/030: Bottom of EUT Facing Phantom GPRS CH661

Date: 06/12/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



0 dB = 1.28mW/g

Communication System: GPRS 1900 2Tx; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.88, 4.88, 4.88); Calibrated: 31/08/2012
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Bottom of EUT Facing Phantom - Middle/Area Scan 2 (51x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.31 mW/g

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

Reference Value = 23.9 V/m; Power Drift = -0.153 dB

Peak SAR (extrapolated) = 2.04 W/kg

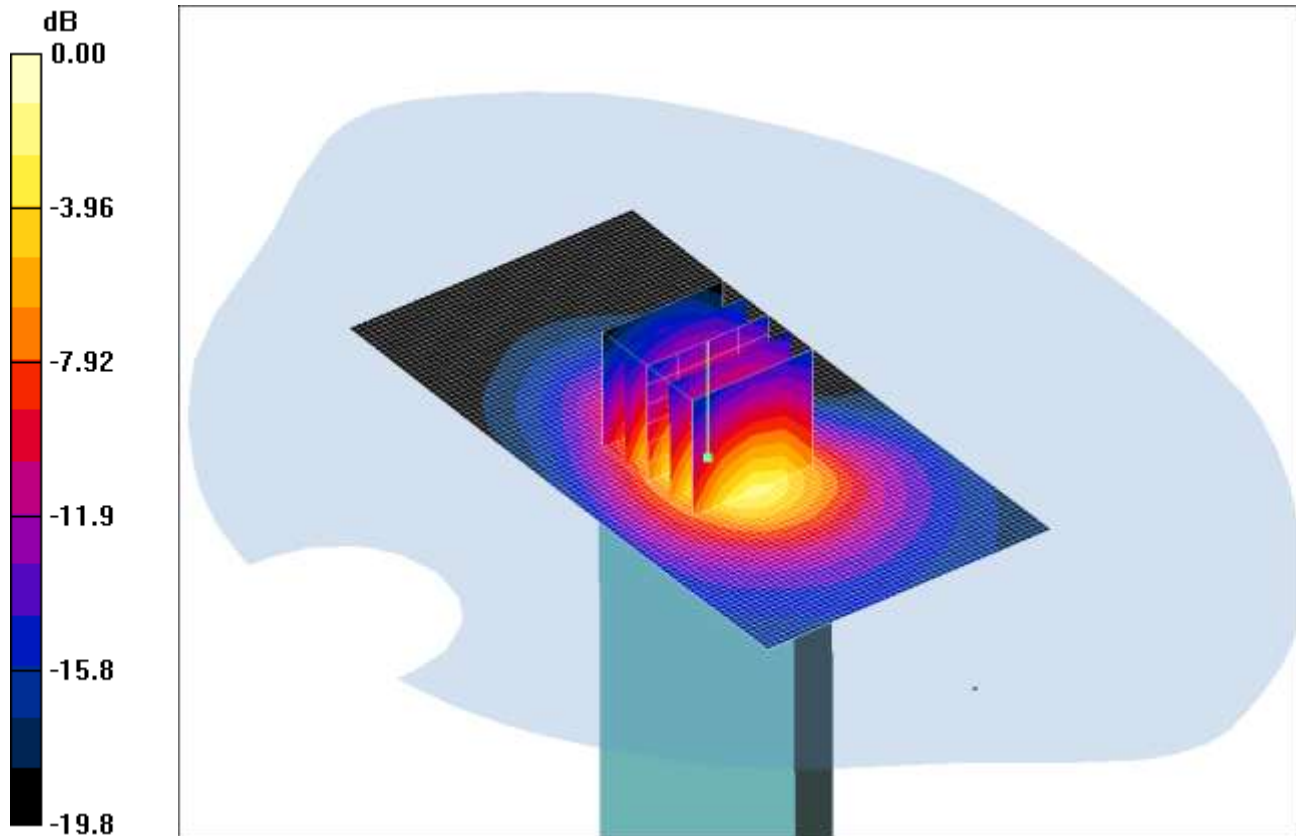
SAR(1 g) = 1.12 mW/g; SAR(10 g) = 0.566 mW/g

Maximum value of SAR (measured) = 1.28 mW/g

SCN/90574/031: Bottom of EUT Facing Phantom GPRS CH512

Date: 06/12/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



0 dB = 1.15mW/g

Communication System: GPRS 1900 2Tx; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.88, 4.88, 4.88); Calibrated: 31/08/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Bottom of EUT Facing Phantom - Low/Area Scan 2 (51x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.21 mW/g

Bottom of EUT Facing Phantom - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 22.5 V/m; Power Drift = -0.156 dB

Peak SAR (extrapolated) = 1.83 W/kg

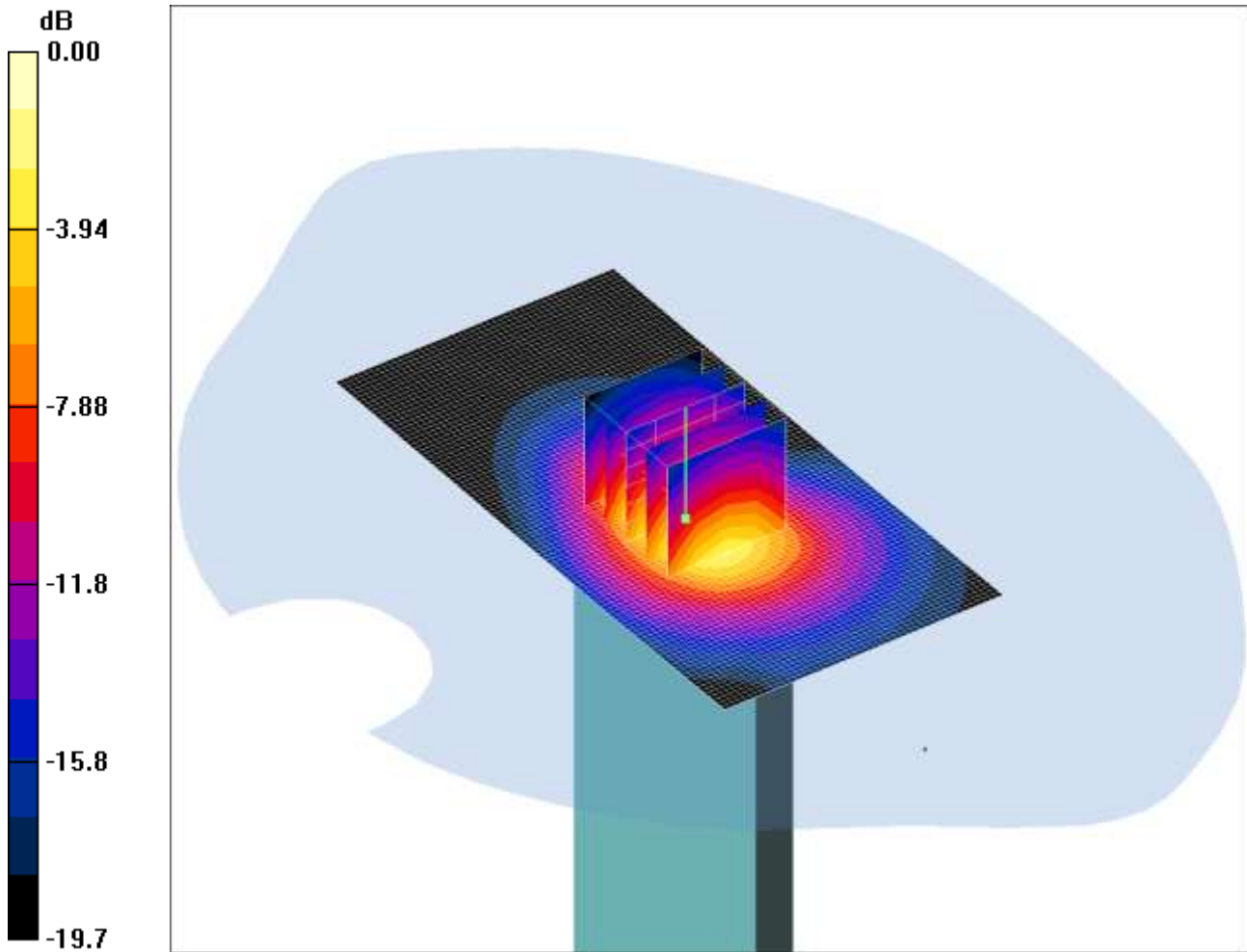
SAR(1 g) = 1.02 mW/g; SAR(10 g) = 0.517 mW/g

Maximum value of SAR (measured) = 1.15 mW/g

SCN/90574/032: Bottom of EUT Facing Phantom GPRS CH810

Date: 06/12/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



0 dB = 1.38mW/g

Communication System: GPRS 1900 2Tx; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1909.8$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.88, 4.88, 4.88); Calibrated: 31/08/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Bottom of EUT Facing Phantom - High/Area Scan 2 (51x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.43 mW/g

Bottom of EUT Facing Phantom - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.8 V/m; Power Drift = -0.078 dB

Peak SAR (extrapolated) = 2.19 W/kg

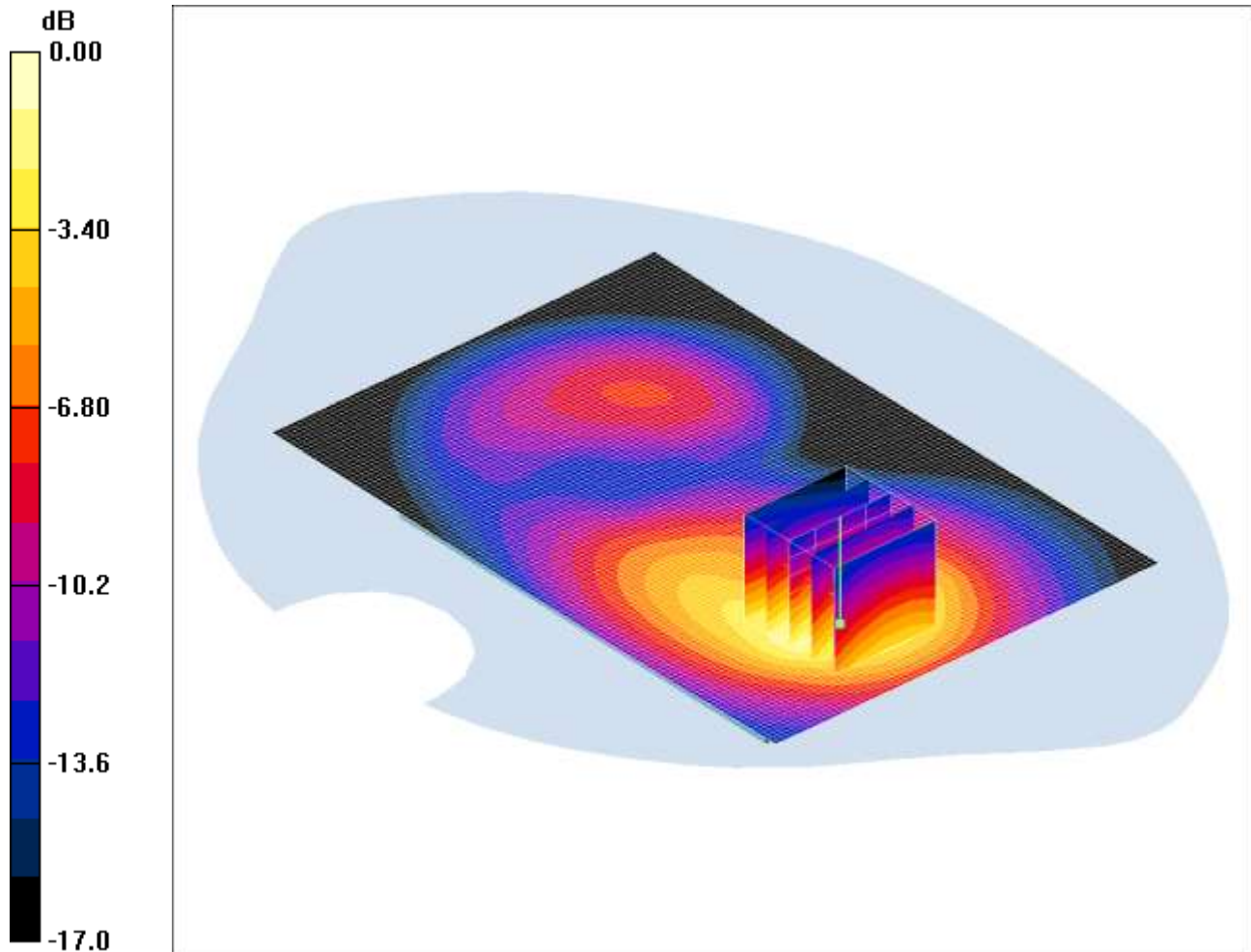
SAR(1 g) = 1.21 mW/g; SAR(10 g) = 0.611 mW/g

Maximum value of SAR (measured) = 1.38 mW/g

SCN/90574/033: Front of EUT Facing Phantom at 15mm PCS CH661

Date: 05/12/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



0 dB = 0.386mW/g

Communication System: PCS 1900; Frequency: 1880 MHz; Duty Cycle: 1:8.3

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.88, 4.88, 4.88); Calibrated: 31/08/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Front of EUT Facing Phantom - Middle/Area Scan 2 (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.391 mW/g

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

Reference Value = 3.71 V/m; Power Drift = 0.065 dB

Peak SAR (extrapolated) = 0.578 W/kg

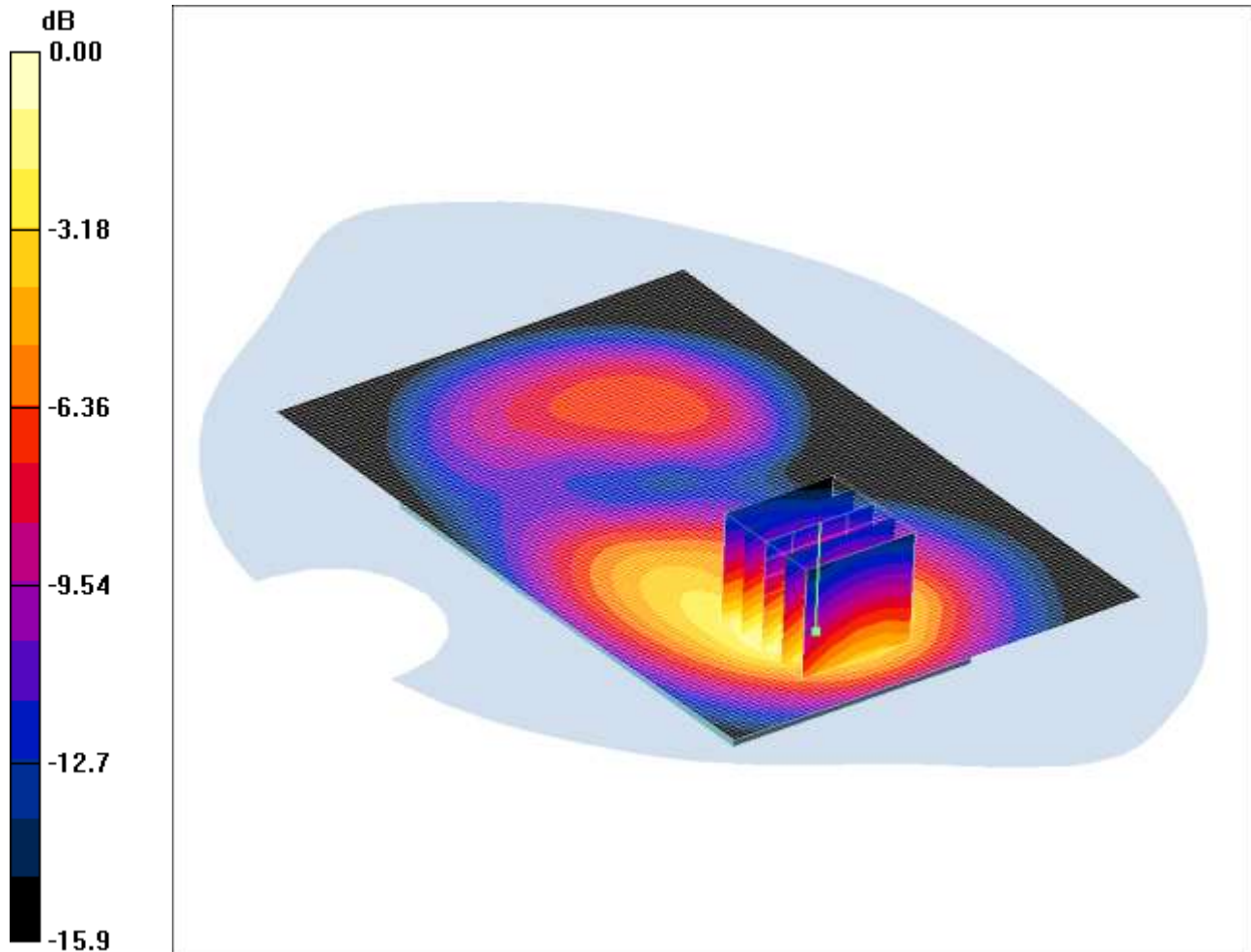
SAR(1 g) = 0.349 mW/g; SAR(10 g) = 0.199 mW/g

Maximum value of SAR (measured) = 0.386 mW/g

SCN/90574/034: Front of EUT Facing Phantom at 15mm PCS CH512

Date: 05/12/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



0 dB = 0.396mW/g

Communication System: PCS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.88, 4.88, 4.88); Calibrated: 31/08/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Front of EUT Facing Phantom - Low/Area Scan 2 (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.393 mW/g

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

Reference Value = 3.79 V/m; Power Drift = 0.125 dB

Peak SAR (extrapolated) = 0.577 W/kg

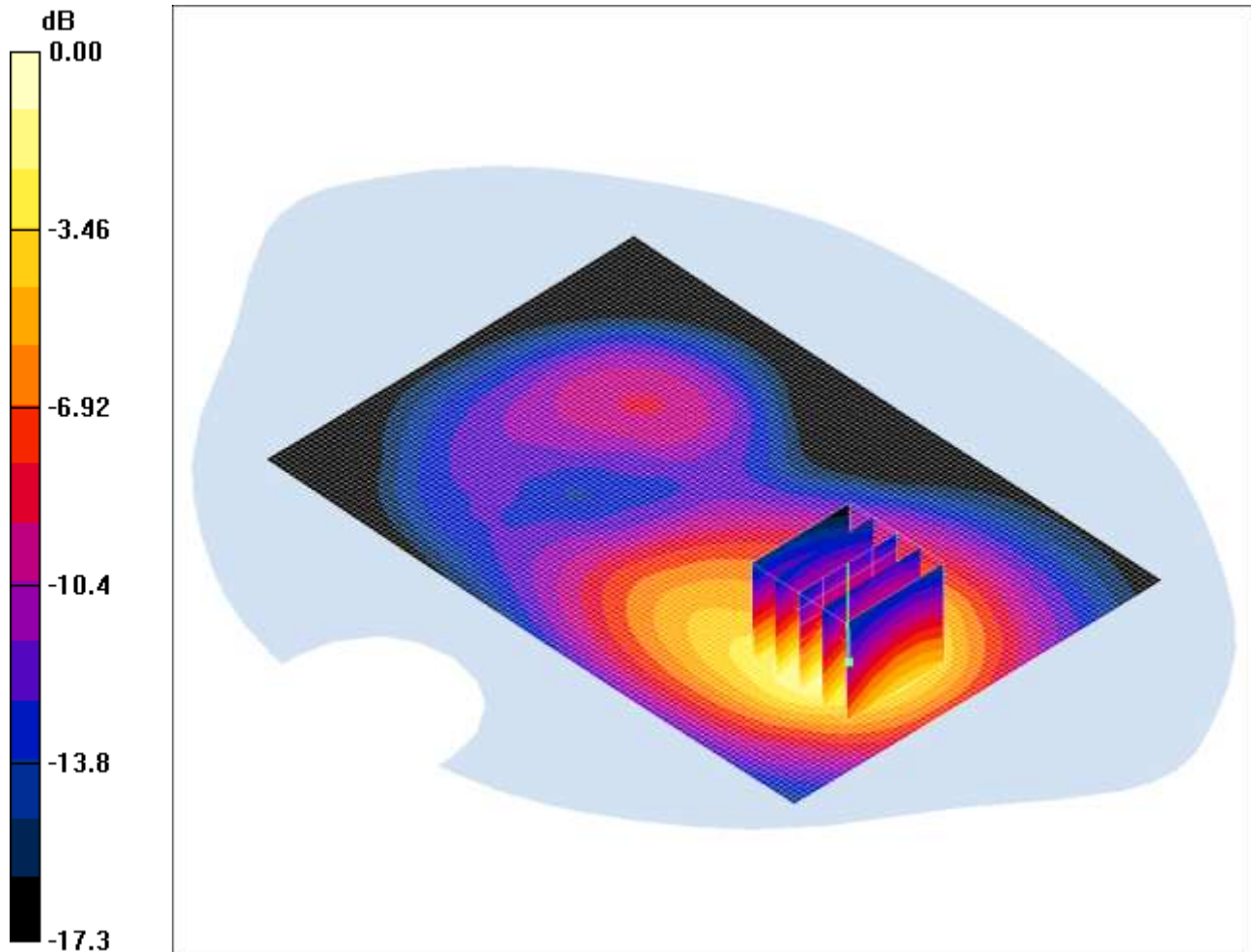
SAR(1 g) = 0.357 mW/g; SAR(10 g) = 0.207 mW/g

Maximum value of SAR (measured) = 0.396 mW/g

SCN/90574/035: Front of EUT Facing Phantom at 15mm PCS CH810

Date: 05/12/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



0 dB = 0.360mW/g

Communication System: PCS 1900; Frequency: 1909.8 MHz; Duty Cycle: 1:8.3

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1909.8$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.88, 4.88, 4.88); Calibrated: 31/08/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Front of EUT Facing Phantom - High/Area Scan 2 (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.357 mW/g

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

Reference Value = 4.16 V/m; Power Drift = 0.014 dB

Peak SAR (extrapolated) = 0.547 W/kg

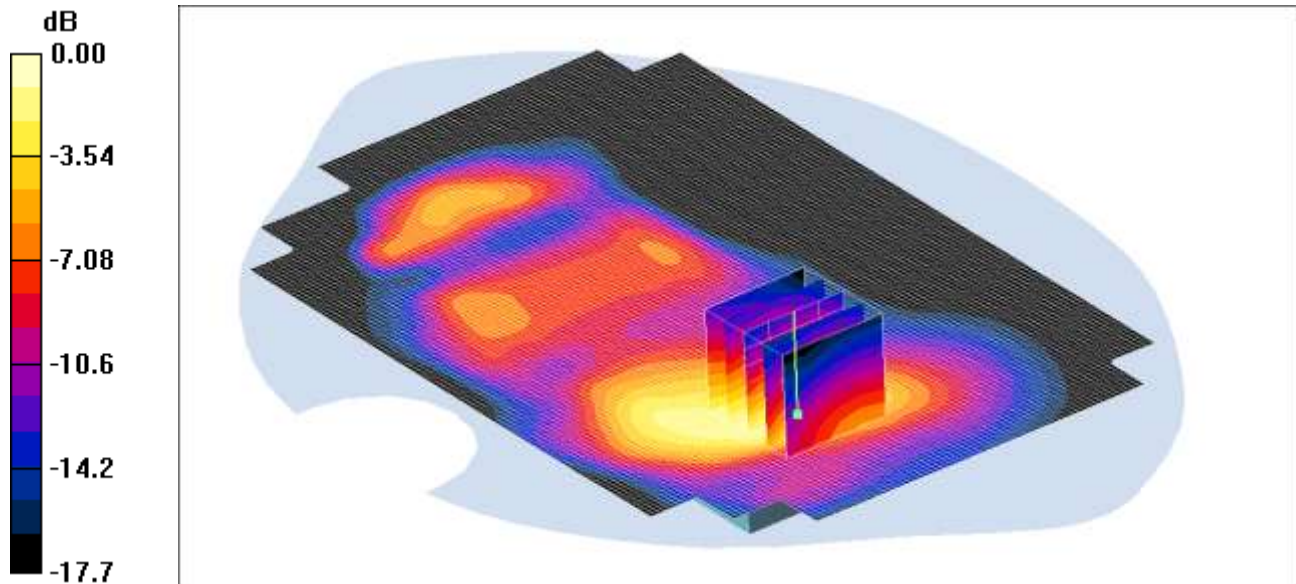
SAR(1 g) = 0.325 mW/g; SAR(10 g) = 0.185 mW/g

Maximum value of SAR (measured) = 0.360 mW/g

SCN/90574/036: Front of EUT Facing Phantom With PHF at 15mm PCS CH512

Date: 05/12/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



0 dB = 0.381mW/g

Communication System: PCS 1900; Frequency: 1850.2 MHz; Duty Cycle: 1:8.3

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.88, 4.88, 4.88); Calibrated: 31/08/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Front of EUT Facing Phantom With PHF - Low/Area Scan 2 (101x151x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.417 mW/g

Front of EUT Facing Phantom With PHF - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:

dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.29 V/m; Power Drift = 0.071 dB

Peak SAR (extrapolated) = 0.713 W/kg

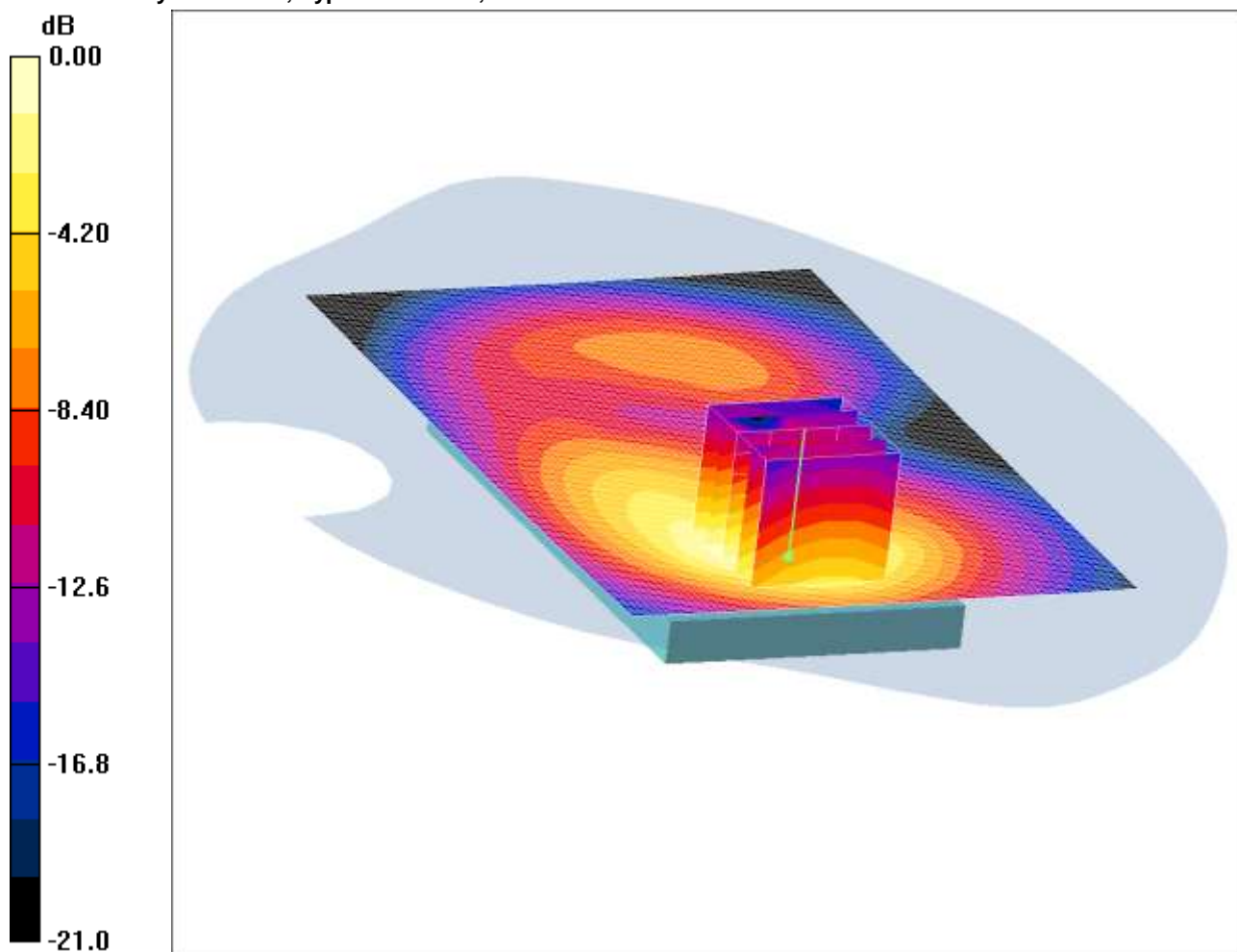
SAR(1 g) = 0.374 mW/g; SAR(10 g) = 0.189 mW/g

Maximum value of SAR (measured) = 0.381 mW/g

SCN/90574/037: Front of EUT Facing Phantom at 15mm GPRS CH661

Date 06/12/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



0 dB = 0.700mW/g

Communication System: GPRS 1900 2Tx; Frequency: 1880 MHz; Duty Cycle: 1:4

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1880$ MHz; $\sigma = 1.51$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.88, 4.88, 4.88); Calibrated: 31/08/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Front of EUT Facing Phantom - Middle/Area Scan 2 (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.764 mW/g

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

Reference Value = 5.89 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.16 W/kg

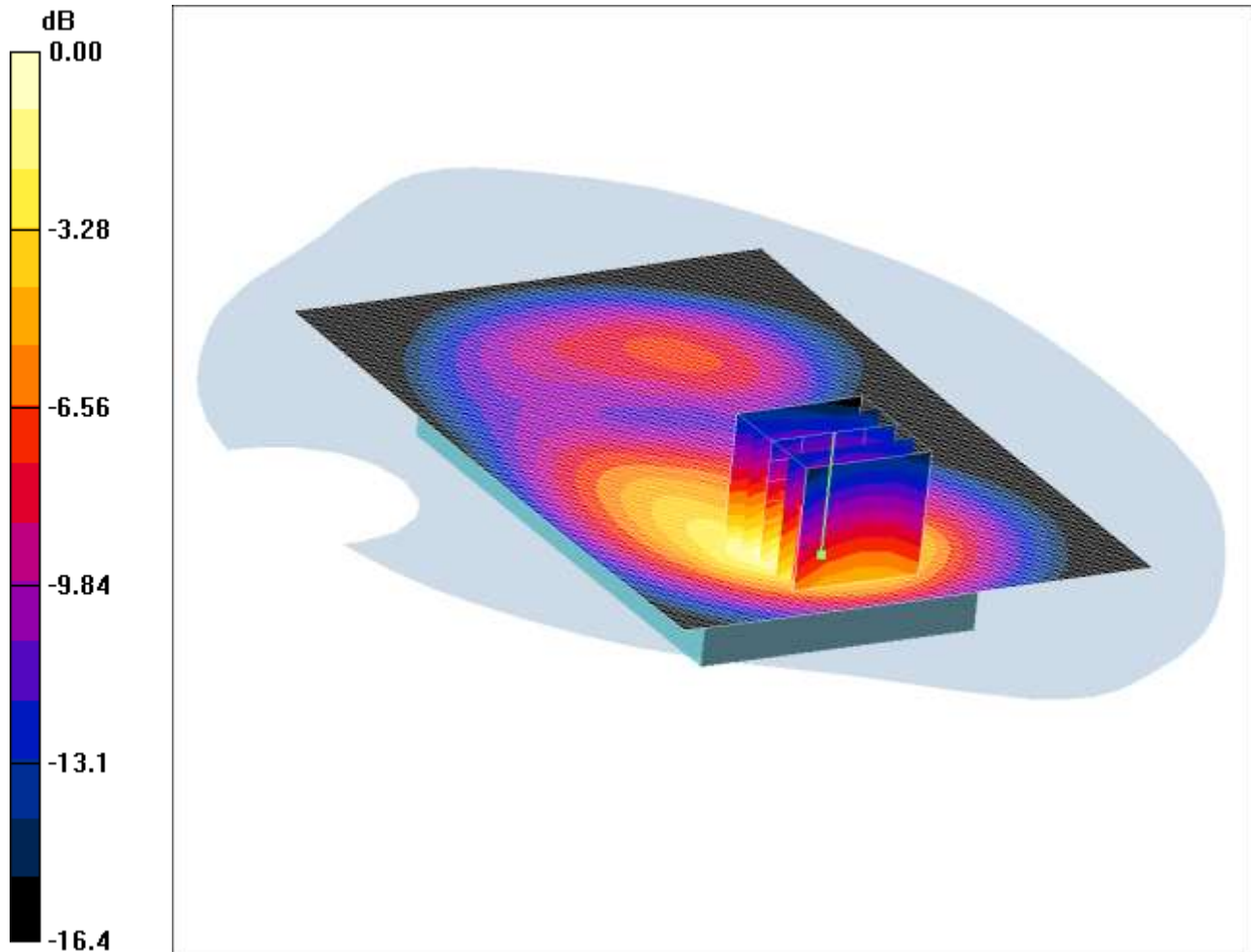
SAR(1 g) = 0.695 mW/g; SAR(10 g) = 0.393 mW/g

Maximum value of SAR (measured) = 0.769 mW/g

SCN/90574/038: Front of EUT Facing Phantom at 15mm GPRS CH512

Date 06/12/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



0 dB = 0.766mW/g

Communication System: GPRS 1900 2Tx; Frequency: 1850.2 MHz; Duty Cycle: 1:4

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1850.2$ MHz; $\sigma = 1.48$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.88, 4.88, 4.88); Calibrated: 31/08/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Front of EUT Facing Phantom - Low/Area Scan 2 (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.775 mW/g

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

Reference Value = 6.25 V/m; Power Drift = 0.037 dB

Peak SAR (extrapolated) = 1.14 W/kg

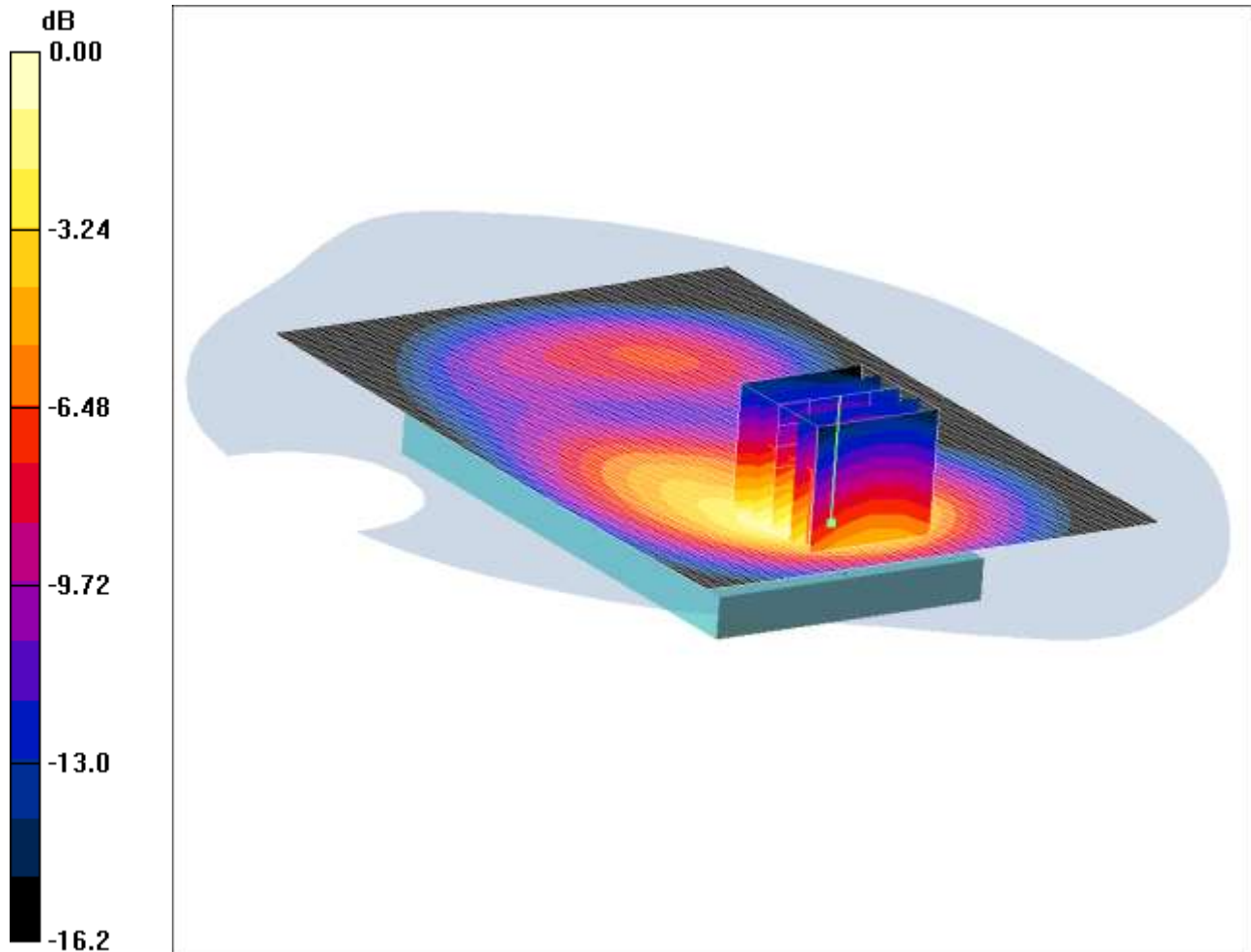
SAR(1 g) = 0.697 mW/g; SAR(10 g) = 0.400 mW/g

Maximum value of SAR (measured) = 0.766 mW/g

SCN/90574/039: Front of EUT Facing Phantom at 15mm GPRS CH810

Date 06/12/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



0 dB = 0.814mW/g

Communication System: GPRS 1900 2Tx; Frequency: 1909.8 MHz; Duty Cycle: 1:4

Medium: 1900 MHz MSL Medium parameters used (interpolated): $f = 1909.8$ MHz; $\sigma = 1.54$ mho/m; $\epsilon_r = 52.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.88, 4.88, 4.88); Calibrated: 31/08/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Front of EUT Facing Phantom - High/Area Scan 2 (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.808 mW/g

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

Reference Value = 6.32 V/m; Power Drift = 0.153 dB

Peak SAR (extrapolated) = 1.21 W/kg

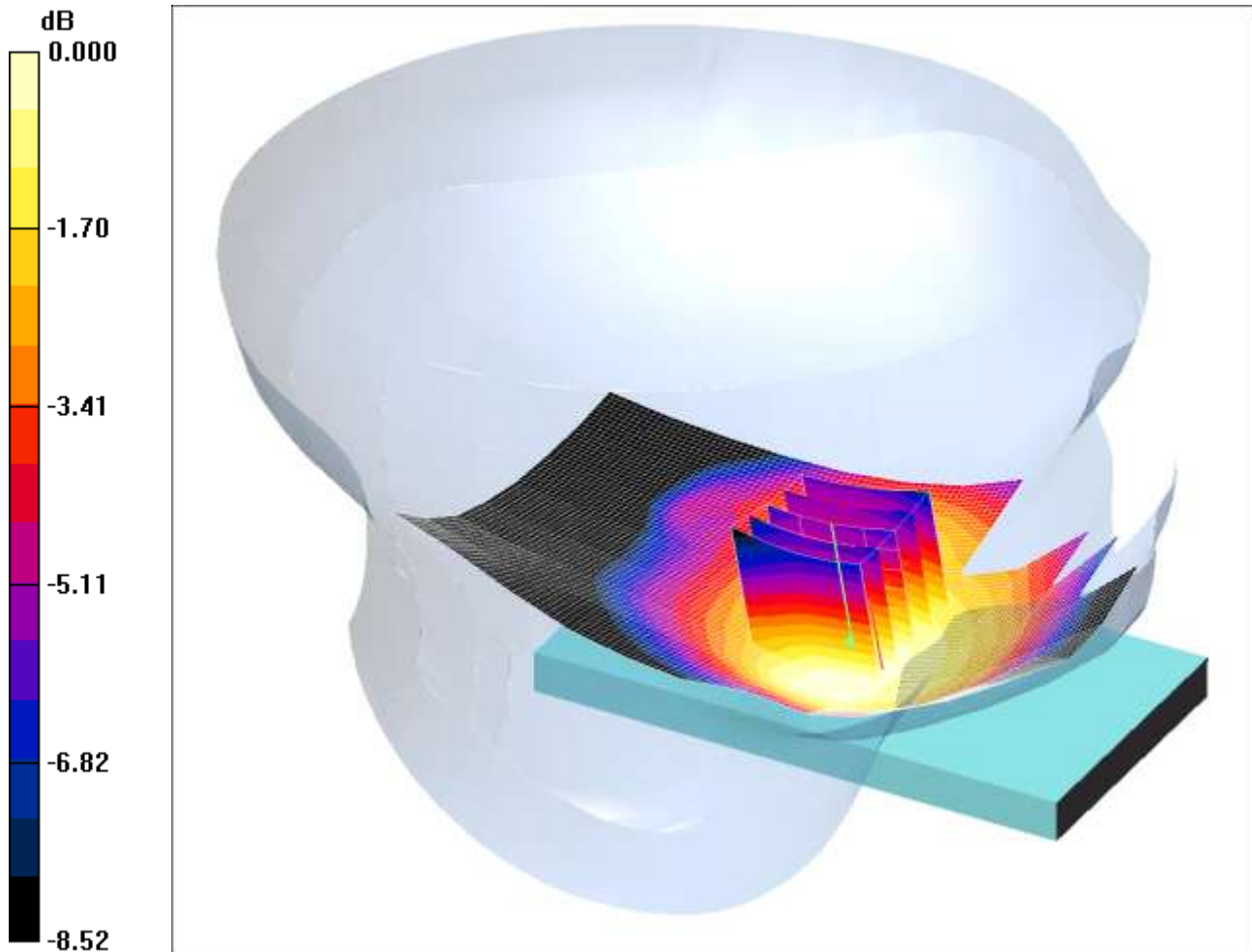
SAR(1 g) = 0.737 mW/g; SAR(10 g) = 0.420 mW/g

Maximum value of SAR (measured) = 0.814 mW/g

SCN/90574/040: Touch Left UMTS FDD 5 CH4183

Date: 24/10/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU04



0 dB = 0.256mW/g

Communication System: UMTS-FDD V; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.908$ mho/m; $\epsilon_r = 41$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(6.17, 6.17, 6.17); Calibrated: 31/08/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207

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

Touch Left - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.256 mW/g

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

Reference Value = 6.04 V/m; Power Drift = -0.015 dB

Peak SAR (extrapolated) = 0.309 W/kg

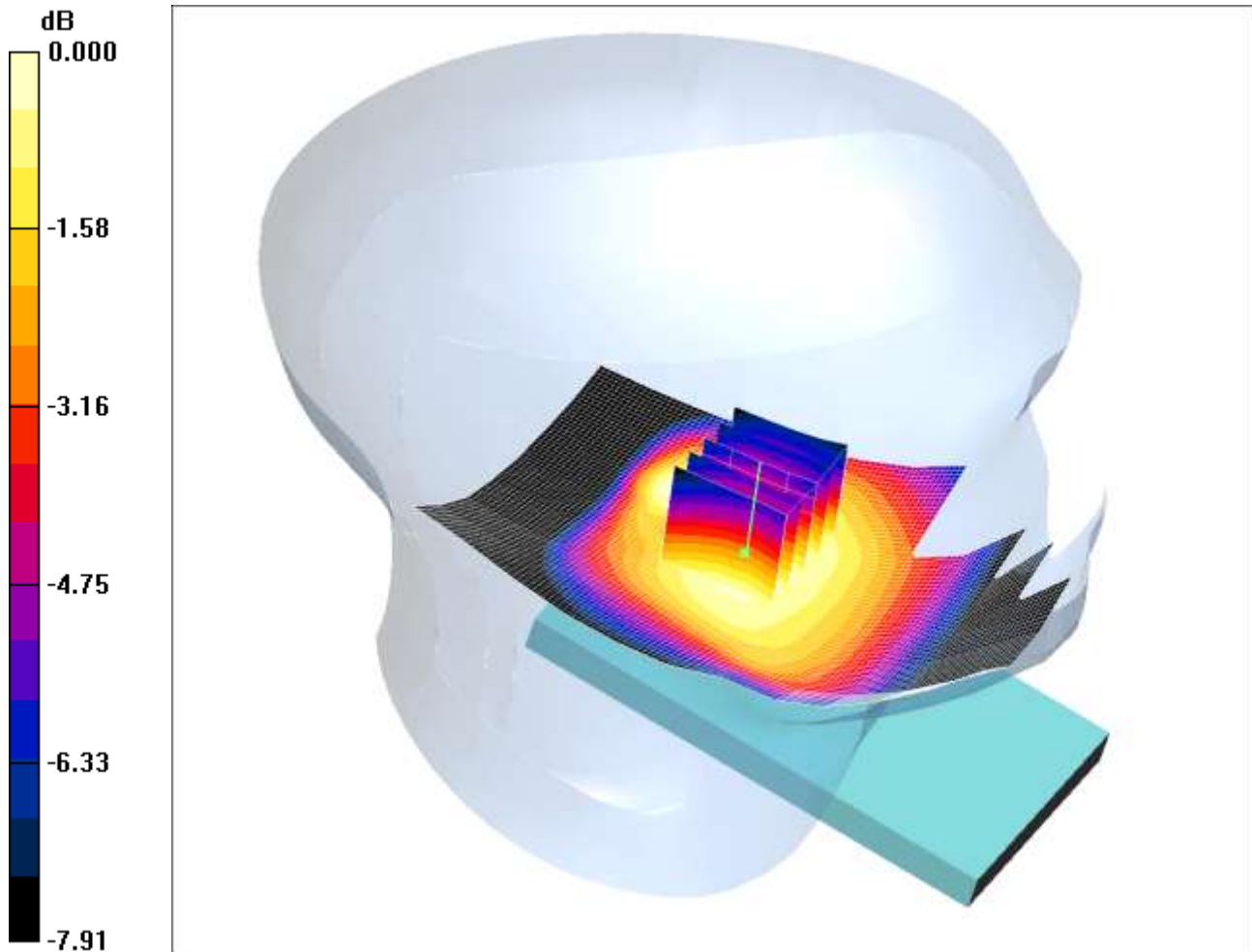
SAR(1 g) = 0.245 mW/g; SAR(10 g) = 0.188 mW/g

Maximum value of SAR (measured) = 0.256 mW/g

SCN/90574/041: Tilt Left UMTS FDD 5 CH4183

Date: 24/10/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU04



0 dB = 0.174mW/g

Communication System: UMTS-FDD V; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.908$ mho/m; $\epsilon_r = 41$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(6.17, 6.17, 6.17); Calibrated: 31/08/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207

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

Tilt Left - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.171 mW/g

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

Reference Value = 8.83 V/m; Power Drift = 0.099 dB

Peak SAR (extrapolated) = 0.199 W/kg

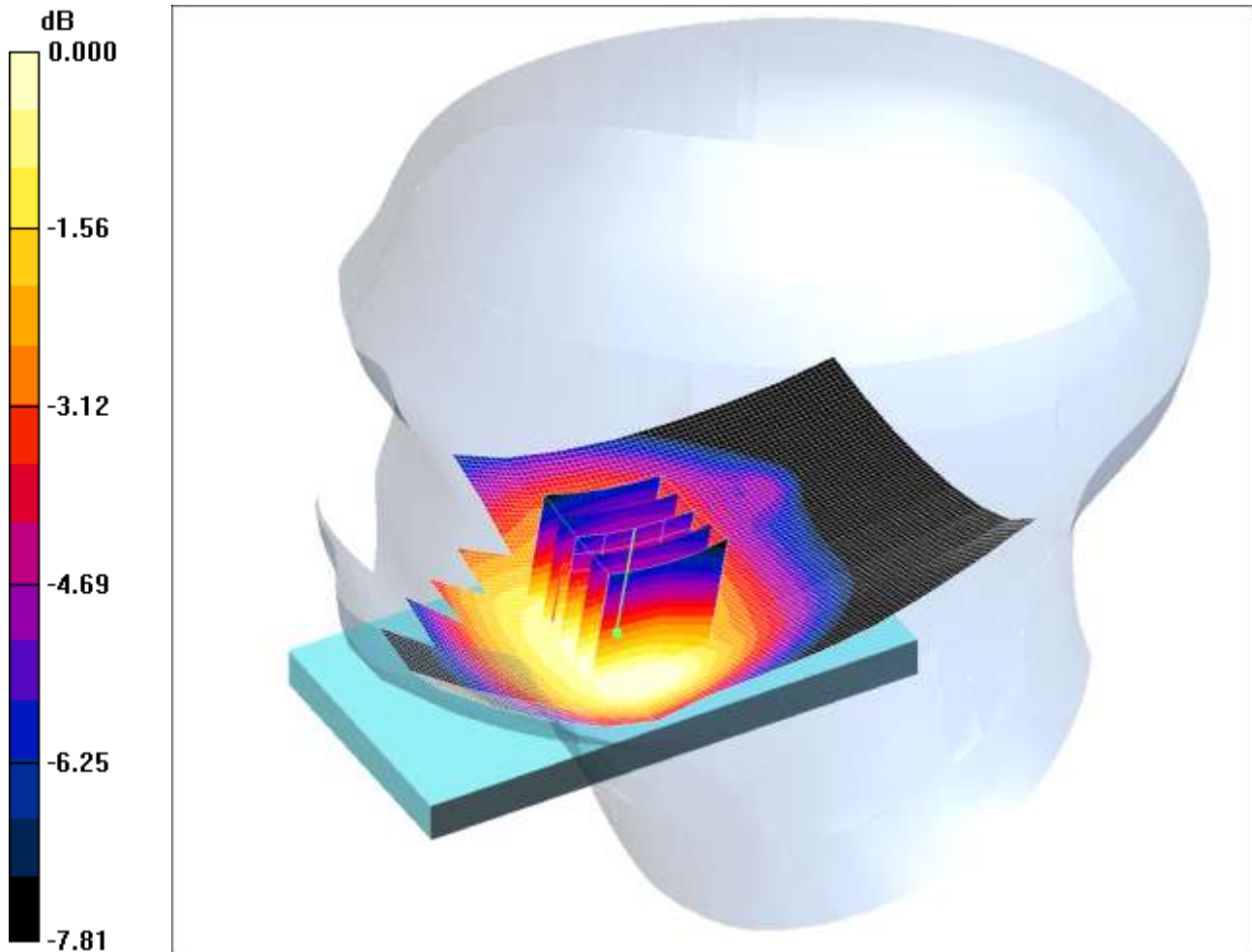
SAR(1 g) = 0.165 mW/g; SAR(10 g) = 0.129 mW/g

Maximum value of SAR (measured) = 0.174 mW/g

SCN/90574/042: Touch Right UMTS FDD 5 CH4183

Date: 24/10/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU04



0 dB = 0.273mW/g

Communication System: UMTS-FDD V; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.908$ mho/m; $\epsilon_r = 41$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(6.17, 6.17, 6.17); Calibrated: 31/08/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207

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

Touch Right - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.277 mW/g

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

Reference Value = 6.82 V/m; Power Drift = 0.015 dB

Peak SAR (extrapolated) = 0.322 W/kg

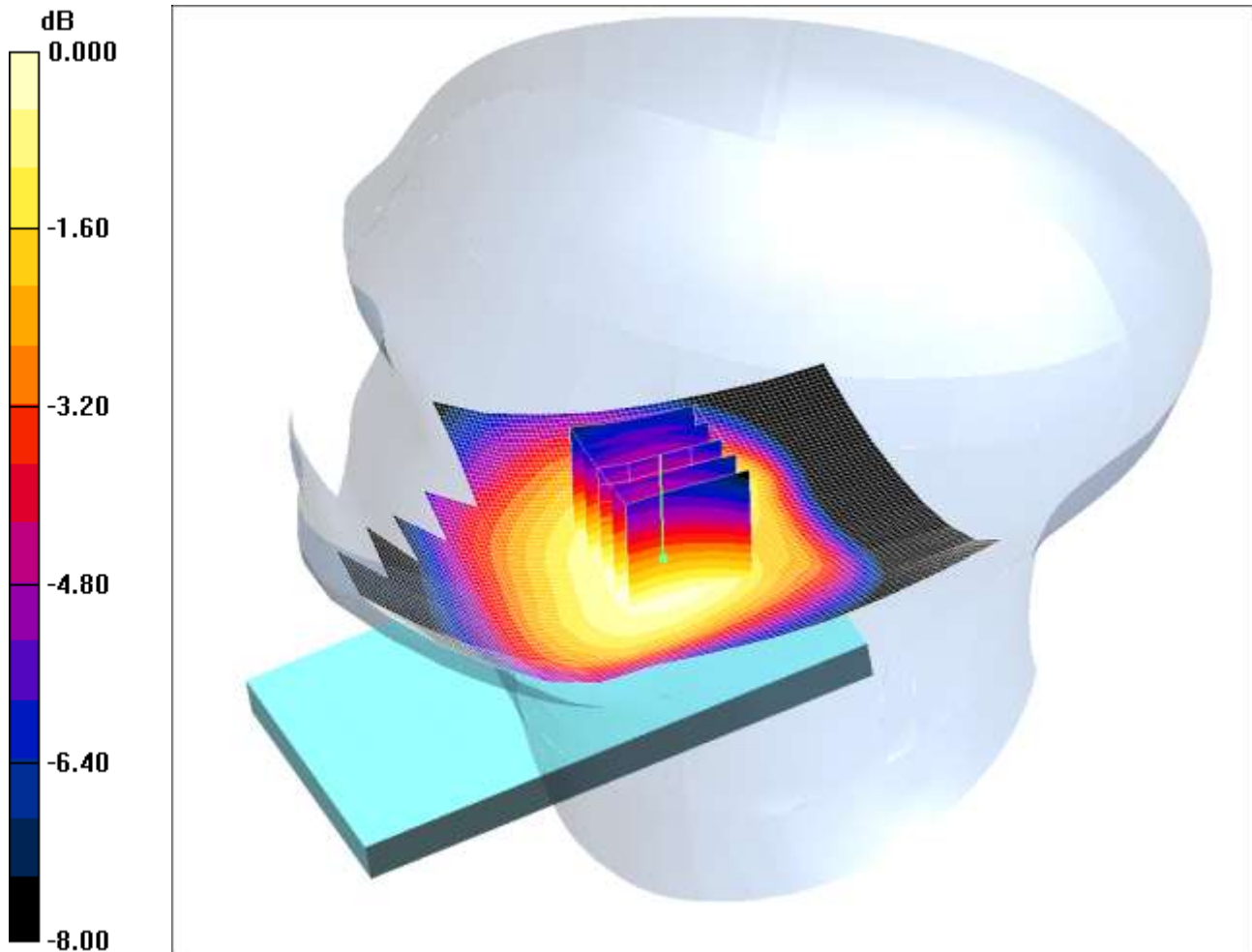
SAR(1 g) = 0.260 mW/g; SAR(10 g) = 0.202 mW/g

Maximum value of SAR (measured) = 0.273 mW/g

SCN/90574/043: Tilt Right UMTS FDD 5 CH4183

Date: 24/10/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU04



0 dB = 0.189mW/g

Communication System: UMTS-FDD V; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.908$ mho/m; $\epsilon_r = 41$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(6.17, 6.17, 6.17); Calibrated: 31/08/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207

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

Tilt Right - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.188 mW/g

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

Reference Value = 10.0 V/m; Power Drift = 0.012 dB

Peak SAR (extrapolated) = 0.216 W/kg

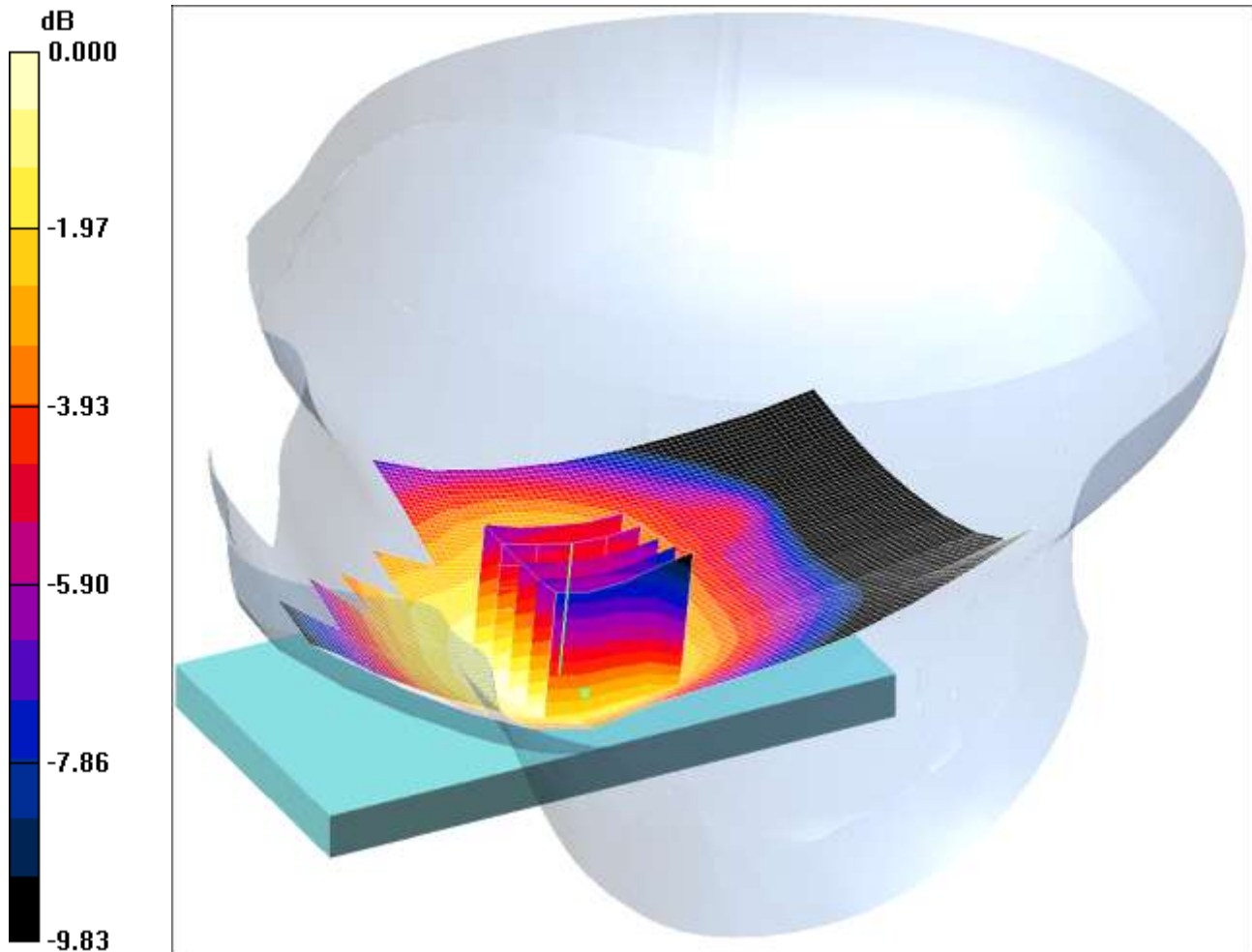
SAR(1 g) = 0.180 mW/g; SAR(10 g) = 0.142 mW/g

Maximum value of SAR (measured) = 0.189 mW/g

SCN/90574/044: Touch Right UMTS FDD 5 CH4132

Date: 24/10/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU04



0 dB = 0.285mW/g

Communication System: UMTS-FDD V; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.901$ mho/m; $\epsilon_r = 41.1$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(6.17, 6.17, 6.17); Calibrated: 31/08/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207

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

Touch Right - Low/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.296 mW/g

Touch Right - Low/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.07 V/m; Power Drift = 0.074 dB

Peak SAR (extrapolated) = 0.359 W/kg

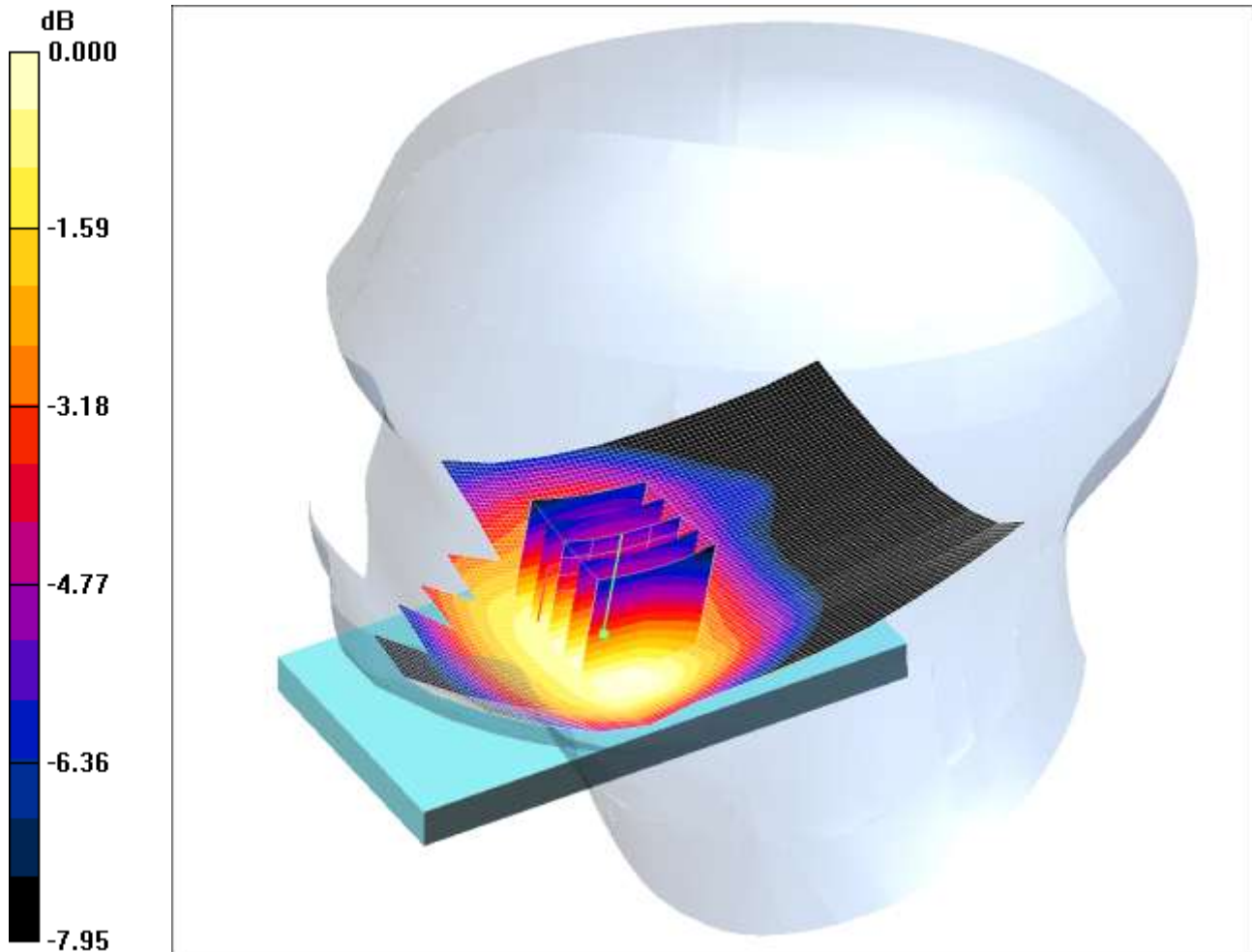
SAR(1 g) = 0.273 mW/g; SAR(10 g) = 0.214 mW/g

Maximum value of SAR (measured) = 0.285 mW/g

SCN/90574/045: Touch Right UMTS FDD 5 CH4233

Date: 24/10/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU04



0 dB = 0.393mW/g

Communication System: UMTS-FDD V; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 846.6$ MHz; $\sigma = 0.915$ mho/m; $\epsilon_r = 40.9$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(6.17, 6.17, 6.17); Calibrated: 31/08/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207

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

Touch Right - High/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 6.69 V/m; Power Drift = 0.134 dB

Peak SAR (extrapolated) = 0.462 W/kg

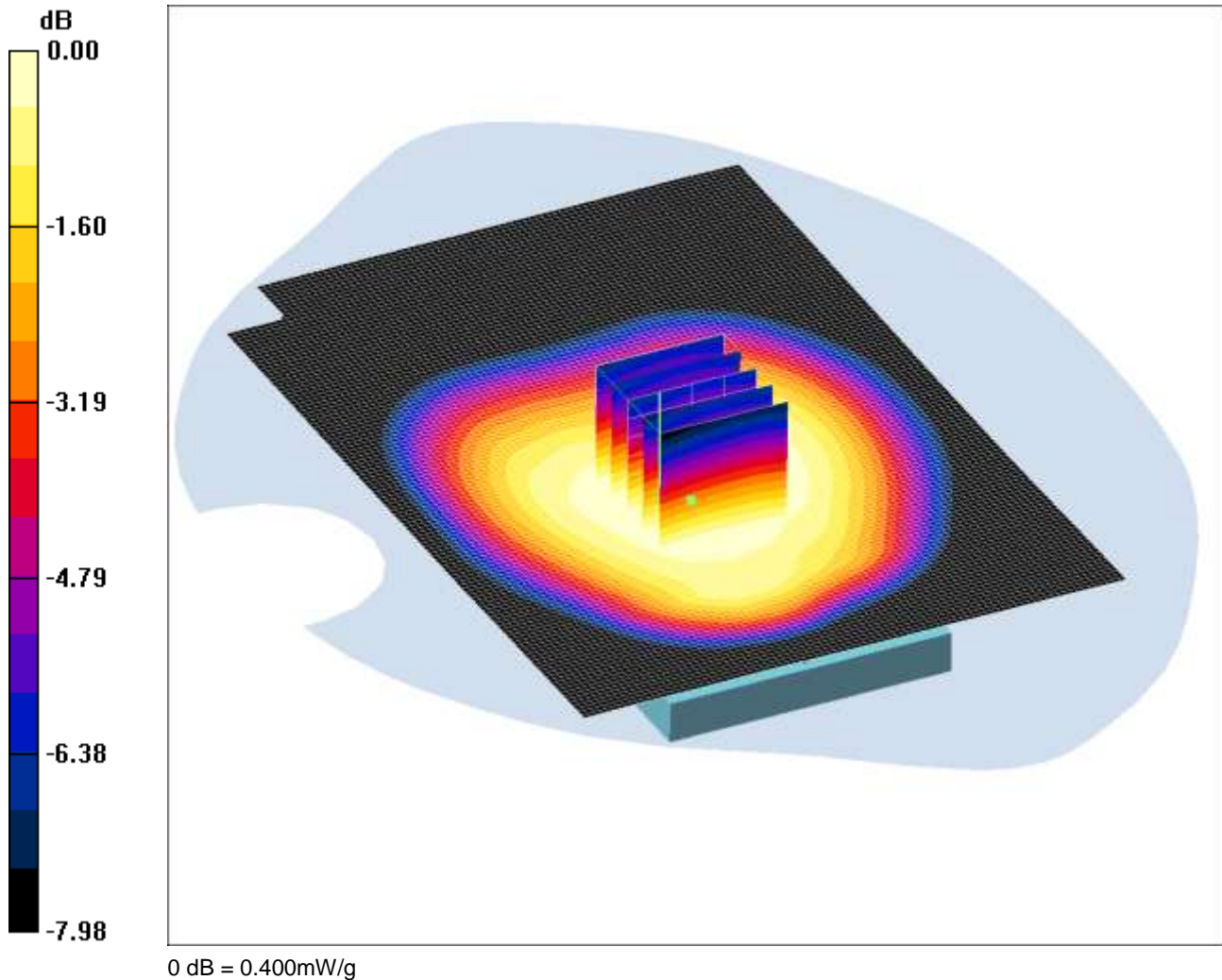
SAR(1 g) = 0.374 mW/g; SAR(10 g) = 0.291 mW/g

Maximum value of SAR (measured) = 0.393 mW/g

SCN/90574/046: Front of EUT Facing Phantom UMTS FDD 5 CH4183

Date: 06/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU04



Communication System: UMTS-UMTS FDD 5; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.993$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Front of EUT Facing Phantom - Middle/Area Scan (91x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.402 mW/g

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

Reference Value = 19.8 V/m; Power Drift = -0.043 dB

Peak SAR (extrapolated) = 0.458 W/kg

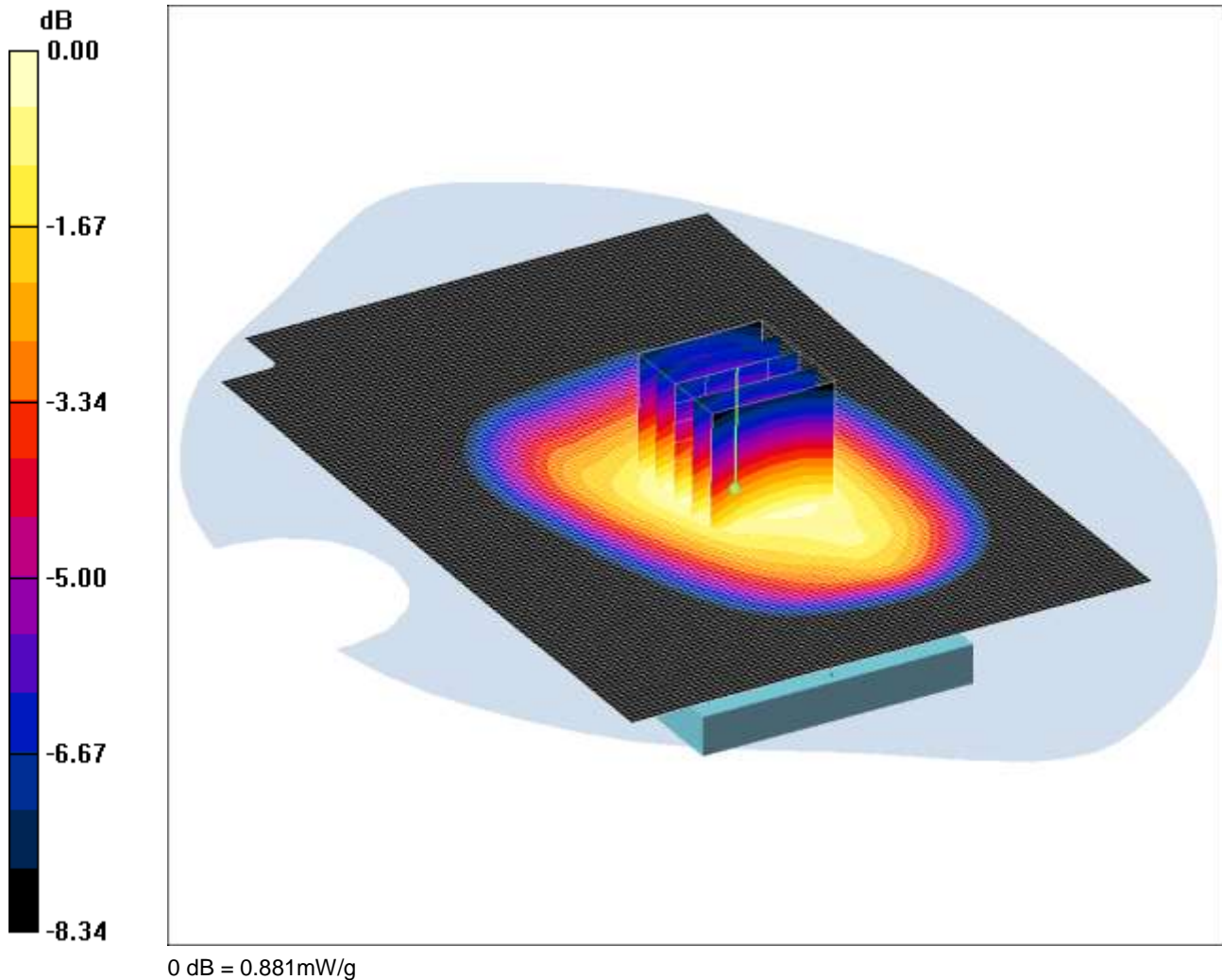
SAR(1 g) = 0.379 mW/g; SAR(10 g) = 0.295 mW/g

Maximum value of SAR (measured) = 0.400 mW/g

SCN/90574/047: Back of EUT Facing Phantom UMTS FDD 5 CH4183

Date: 06/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU04



Communication System: UMTS-UMTS FDD 5; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.993$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom - Middle/Area Scan (91x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.861 mW/g

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

Reference Value = 29.4 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 1.01 W/kg

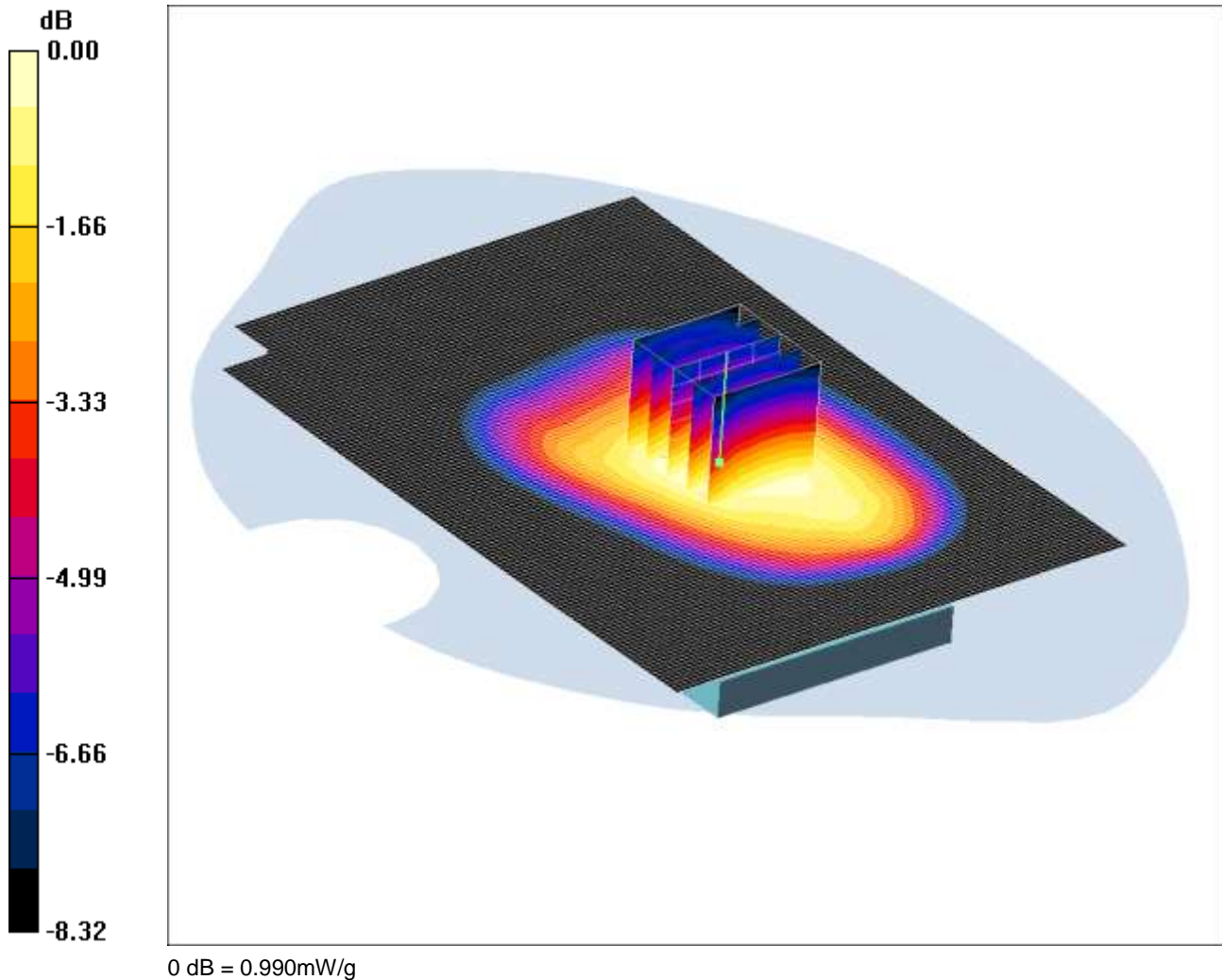
SAR(1 g) = 0.834 mW/g; SAR(10 g) = 0.631 mW/g

Maximum value of SAR (measured) = 0.881 mW/g

SCN/90574/048: Back of EUT Facing Phantom UMTS FDD 5 CH4132

Date: 06/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU04



Communication System: UMTS-UMTS FDD 5; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.988$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom - Low/Area Scan (91x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.991 mW/g

Back of EUT Facing Phantom - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 31.5 V/m; Power Drift = -0.028 dB

Peak SAR (extrapolated) = 1.13 W/kg

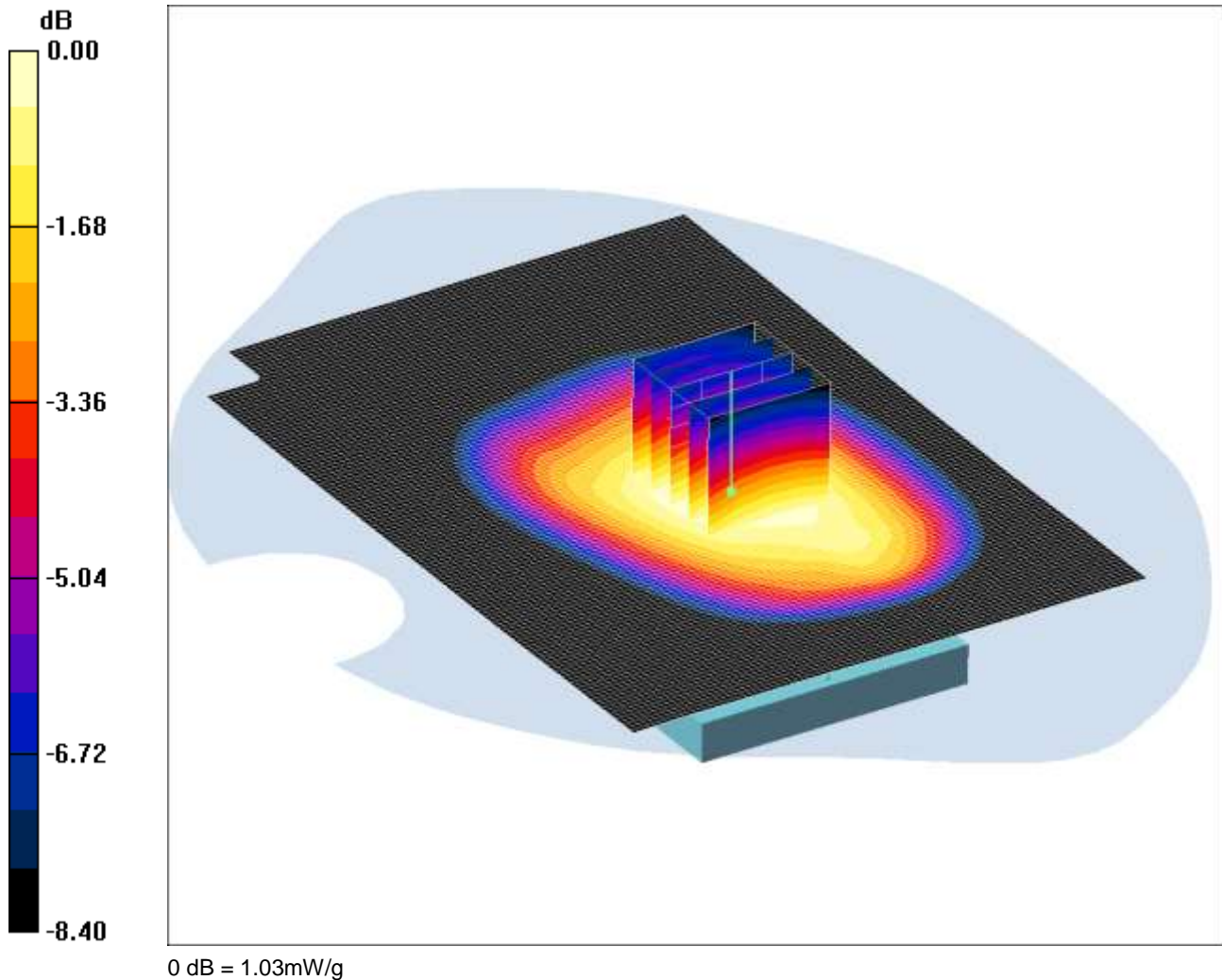
SAR(1 g) = 0.939 mW/g; SAR(10 g) = 0.712 mW/g

Maximum value of SAR (measured) = 0.990 mW/g

SCN/90574/049: Back of EUT Facing Phantom UMTS FDD 5 CH4233

Date: 06/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU04



Communication System: UMTS-UMTS FDD 5; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 846.6$ MHz; $\sigma = 0.998$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom - High/Area Scan (91x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 1.03 mW/g

Back of EUT Facing Phantom - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 32.5 V/m; Power Drift = -0.022 dB

Peak SAR (extrapolated) = 1.19 W/kg

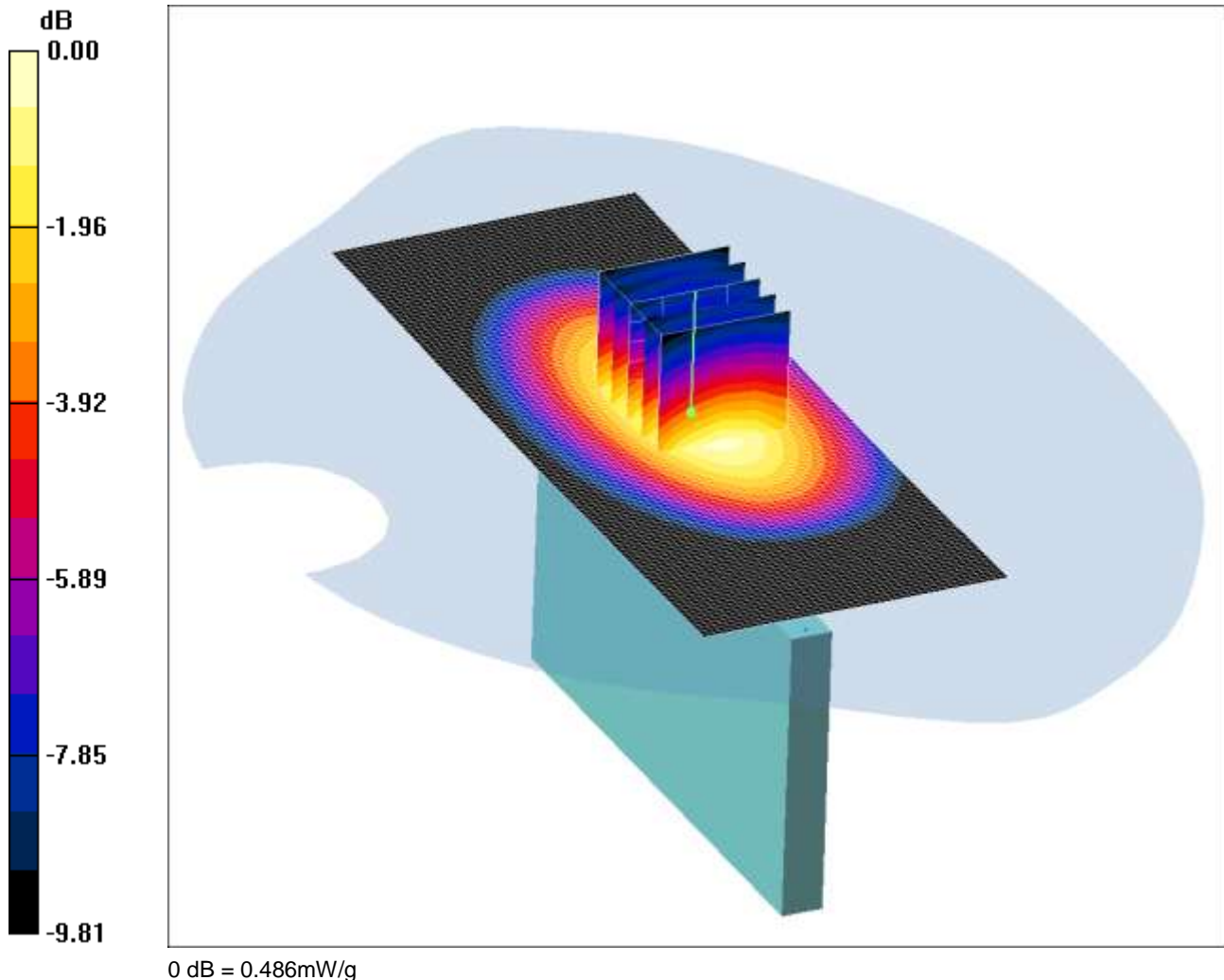
SAR(1 g) = 0.981 mW/g; SAR(10 g) = 0.745 mW/g

Maximum value of SAR (measured) = 1.03 mW/g

SCN/90574/050: Left Hand Side of EUT Facing Phantom UMTS FDD 5 CH4183

Date: 06/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU04



Communication System: UMTS-UMTS FDD 5; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.993$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Left Hand Side of EUT Facing Phantom - Middle/Area Scan (51x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.483 mW/g

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

Reference Value = 22.2 V/m; Power Drift = 0.166 dB

Peak SAR (extrapolated) = 0.626 W/kg

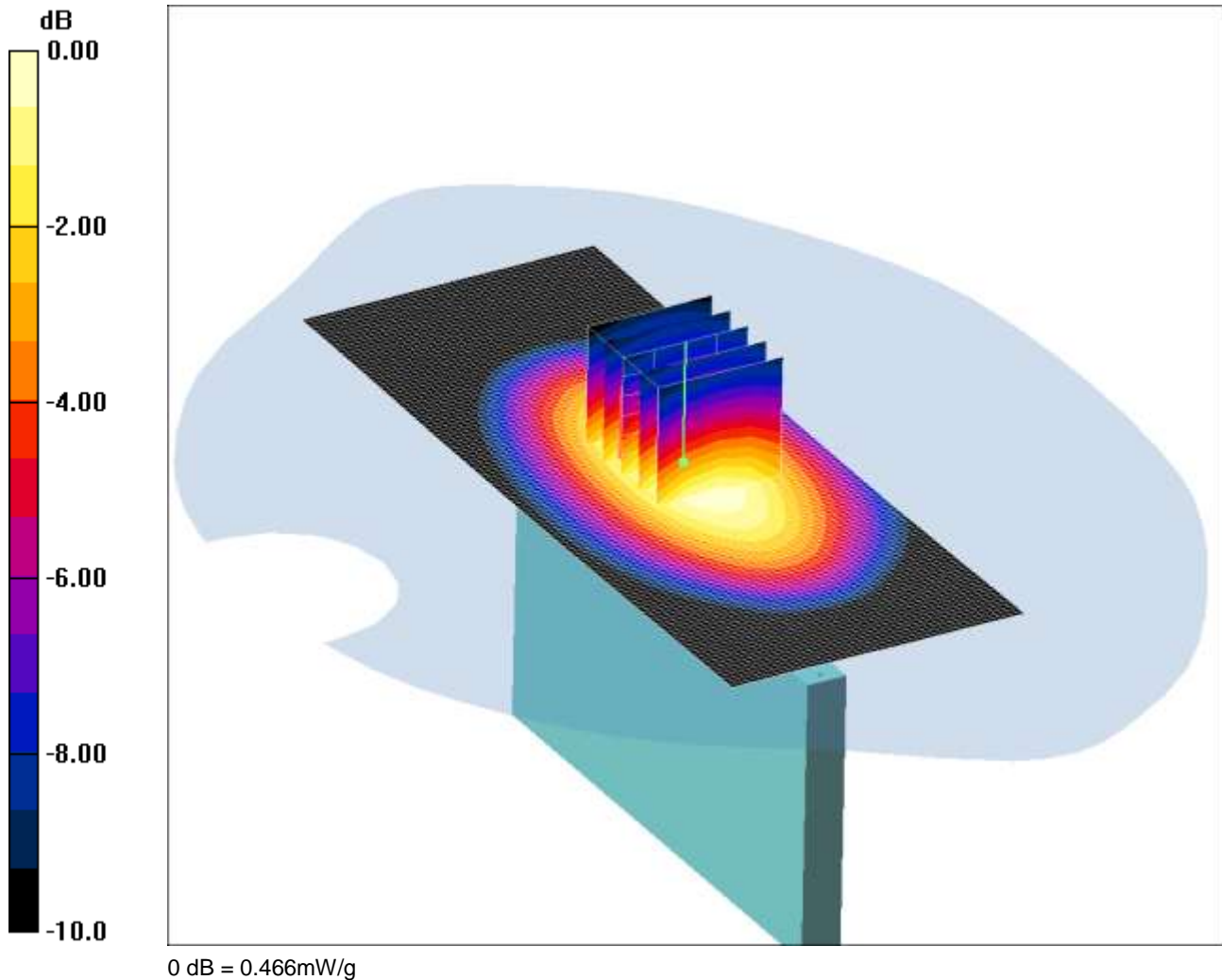
SAR(1 g) = 0.456 mW/g; SAR(10 g) = 0.312 mW/g

Maximum value of SAR (measured) = 0.486 mW/g

SCN/90574/051: Right Hand Side of EUT Facing Phantom UMTS FDD 5 CH4183

Date: 06/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU04



Communication System: UMTS-UMTS FDD 5; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.993$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Right Hand Side of EUT Facing Phantom - Middle/Area Scan (51x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.490 mW/g

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

Reference Value = 22.8 V/m; Power Drift = -0.048 dB

Peak SAR (extrapolated) = 0.600 W/kg

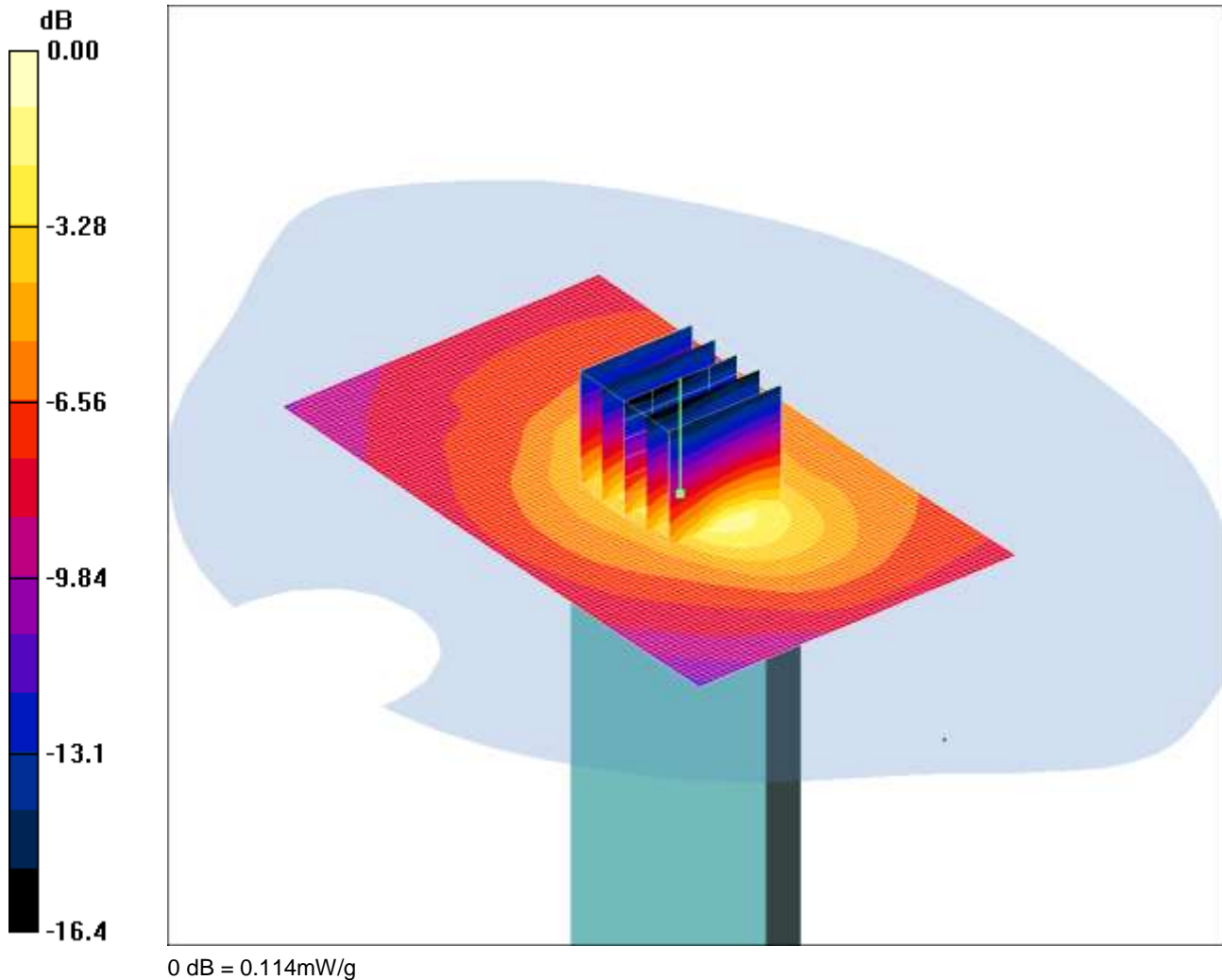
SAR(1 g) = 0.436 mW/g; SAR(10 g) = 0.299 mW/g

Maximum value of SAR (measured) = 0.466 mW/g

SCN/90574/052: Bottom of EUT Facing Phantom UMTS FDD 5 CH4183

Date: 06/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU04



Communication System: UMTS-UMTS FDD 5; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.993$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Bottom of EUT Facing Phantom - Middle/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.105 mW/g

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

Reference Value = 11.5 V/m; Power Drift = 0.023 dB

Peak SAR (extrapolated) = 0.296 W/kg

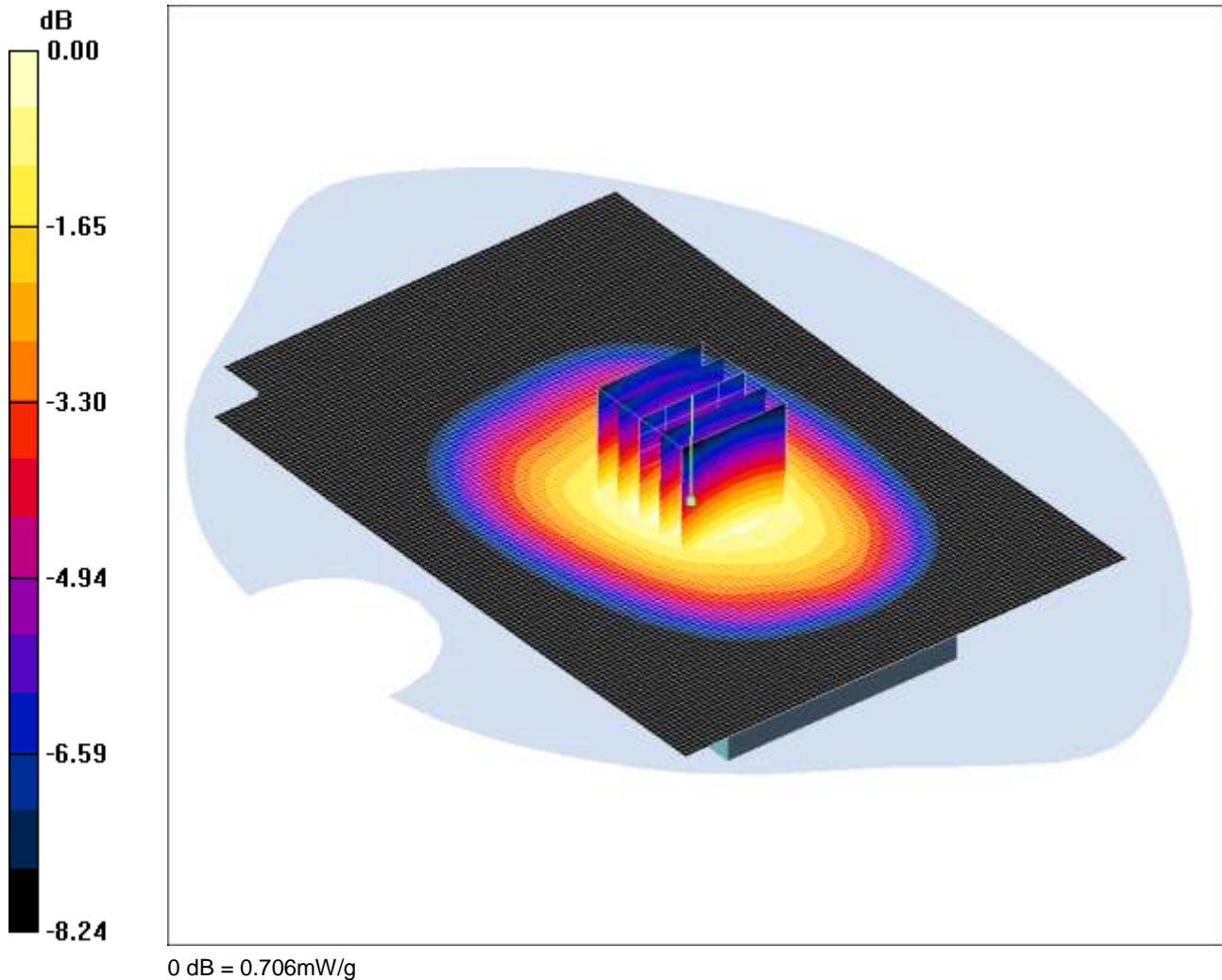
SAR(1 g) = 0.112 mW/g; SAR(10 g) = 0.054 mW/g

Maximum value of SAR (measured) = 0.114 mW/g

SCN/90574/053: Back of EUT Facing Phantom at 15mm UMTS FDD 5 CH4183

Date: 06/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU04



Communication System: UMTS-UMTS FDD 5; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.6$ MHz; $\sigma = 0.993$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom - Middle/Area Scan (91x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.713 mW/g

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

Reference Value = 27.0 V/m; Power Drift = 0.039 dB

Peak SAR (extrapolated) = 0.814 W/kg

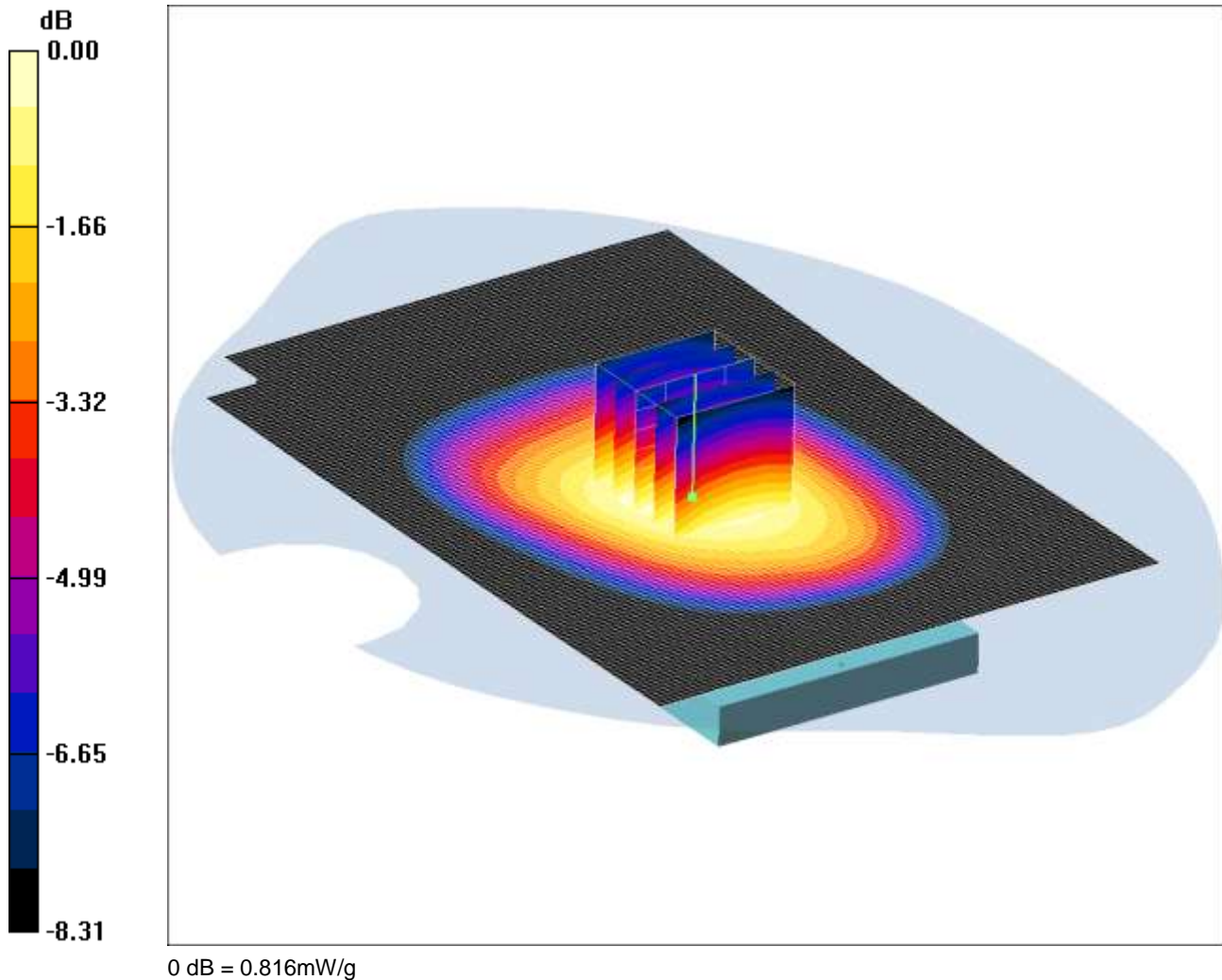
SAR(1 g) = 0.672 mW/g; SAR(10 g) = 0.509 mW/g

Maximum value of SAR (measured) = 0.706 mW/g

SCN/90574/054: Back of EUT Facing Phantom at 15mm UMTS FDD 5 CH4132

Date: 06/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU04



Communication System: UMTS-UMTS FDD 5; Frequency: 826.4 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.988$ mho/m; $\epsilon_r = 53.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom - Low/Area Scan (91x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.816 mW/g

Back of EUT Facing Phantom - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 29.1 V/m; Power Drift = -0.016 dB

Peak SAR (extrapolated) = 0.942 W/kg

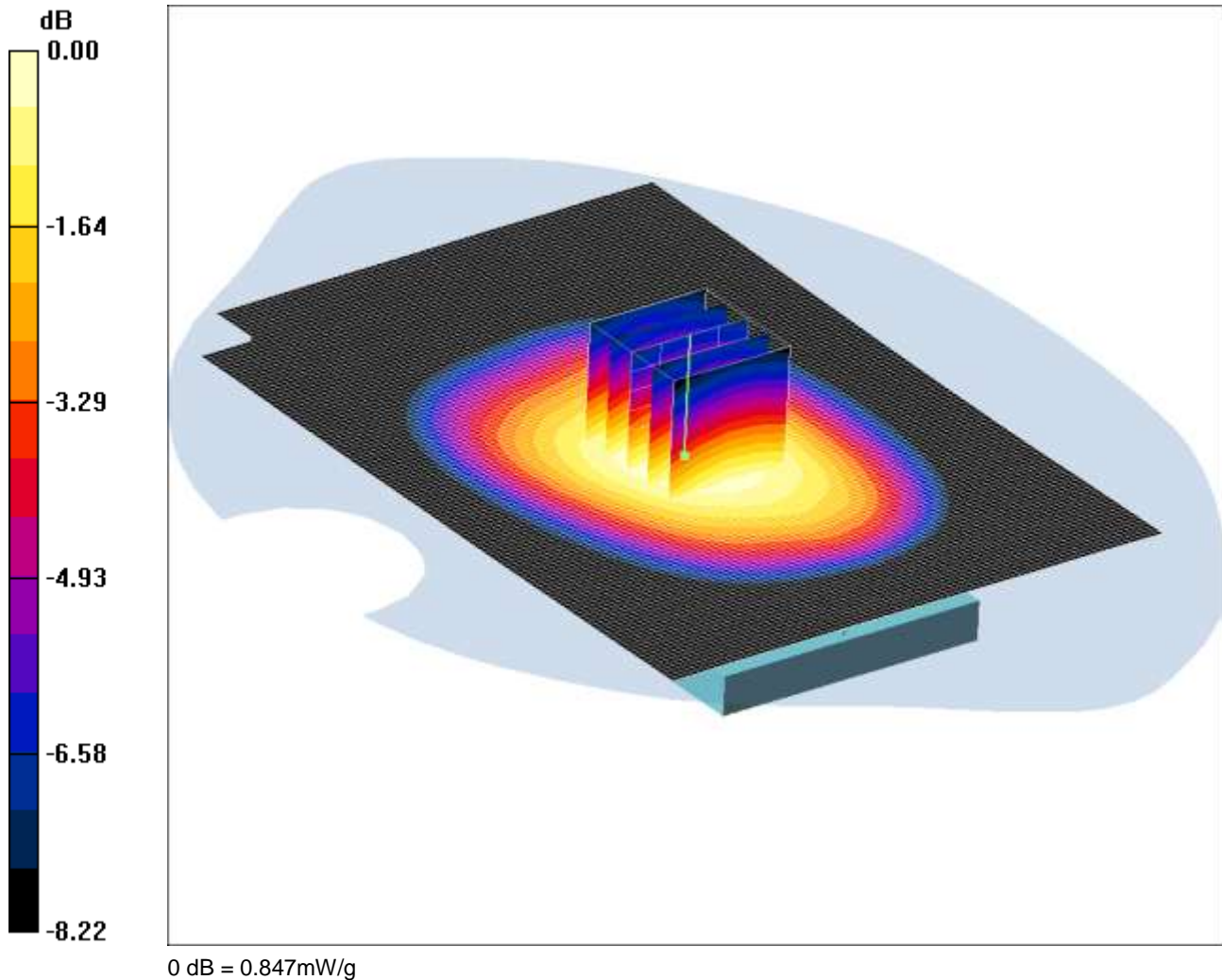
SAR(1 g) = 0.774 mW/g; SAR(10 g) = 0.586 mW/g

Maximum value of SAR (measured) = 0.816 mW/g

SCN/90574/055: Back of EUT Facing Phantom at 15mm UMTS FDD 5 CH4233

Date: 06/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU04



Communication System: UMTS-UMTS FDD 5; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 846.6$ MHz; $\sigma = 0.998$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom - High/Area Scan (91x131x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.859 mW/g

Back of EUT Facing Phantom - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 30.1 V/m; Power Drift = -0.051 dB

Peak SAR (extrapolated) = 0.981 W/kg

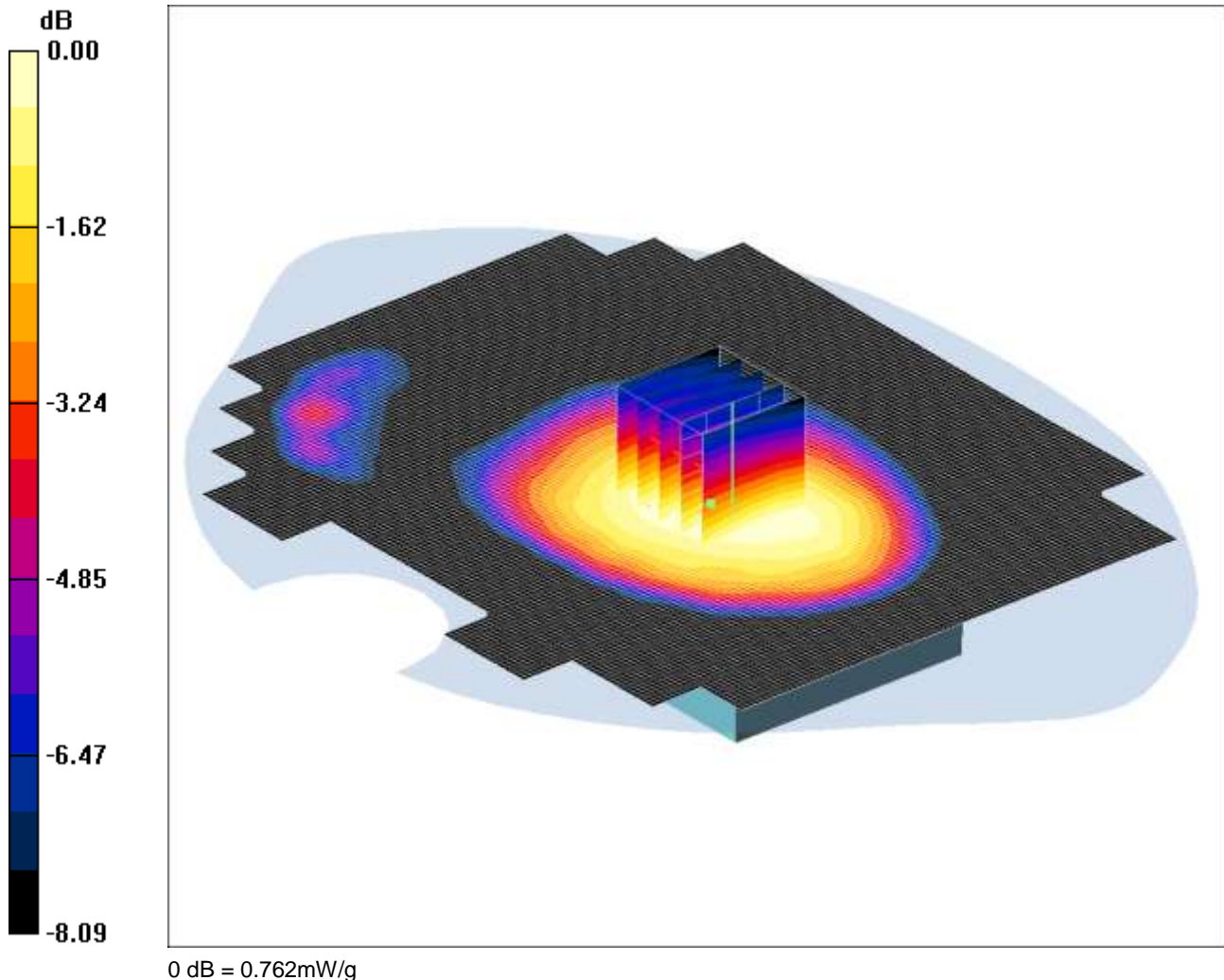
SAR(1 g) = 0.806 mW/g; SAR(10 g) = 0.611 mW/g

Maximum value of SAR (measured) = 0.847 mW/g

SCN/90574/056: Back of EUT Facing Phantom at 15mm with PHF UMTS FDD 5 CH4233

Date: 06/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU04



Communication System: UMTS-UMTS FDD 5; Frequency: 846.6 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 846.6$ MHz; $\sigma = 0.998$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom with PHF - High 2/Area Scan (121x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.774 mW/g

Back of EUT Facing Phantom with PHF - High 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.1 V/m; Power Drift = -0.018 dB

Peak SAR (extrapolated) = 0.906 W/kg

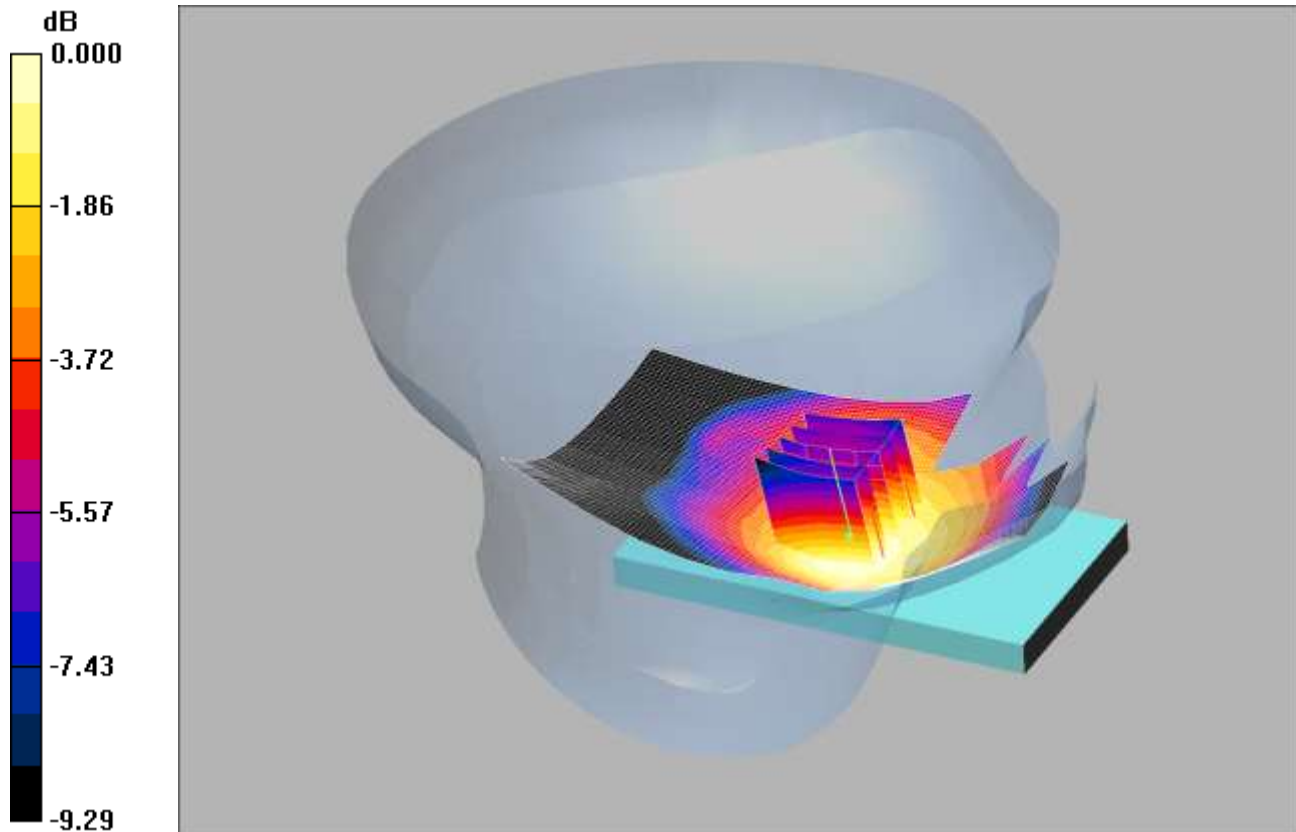
SAR(1 g) = 0.728 mW/g; SAR(10 g) = 0.545 mW/g

Maximum value of SAR (measured) = 0.762 mW/g

SCN/90574/057: Touch Left LTE Band 5 10MHz BW 1RB Middle CH20525

Date: 10/01/2013

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU04



0 dB = 0.233mW/g

Communication System: LTE Band 5 / 10MHz; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.906$ mho/m; $\epsilon_r = 40.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(6.33, 6.33, 6.33); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch Left - Middle 2/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.235 mW/g

Touch Left - Middle 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.08 V/m; Power Drift = -0.121 dB

Peak SAR (extrapolated) = 0.295 W/kg

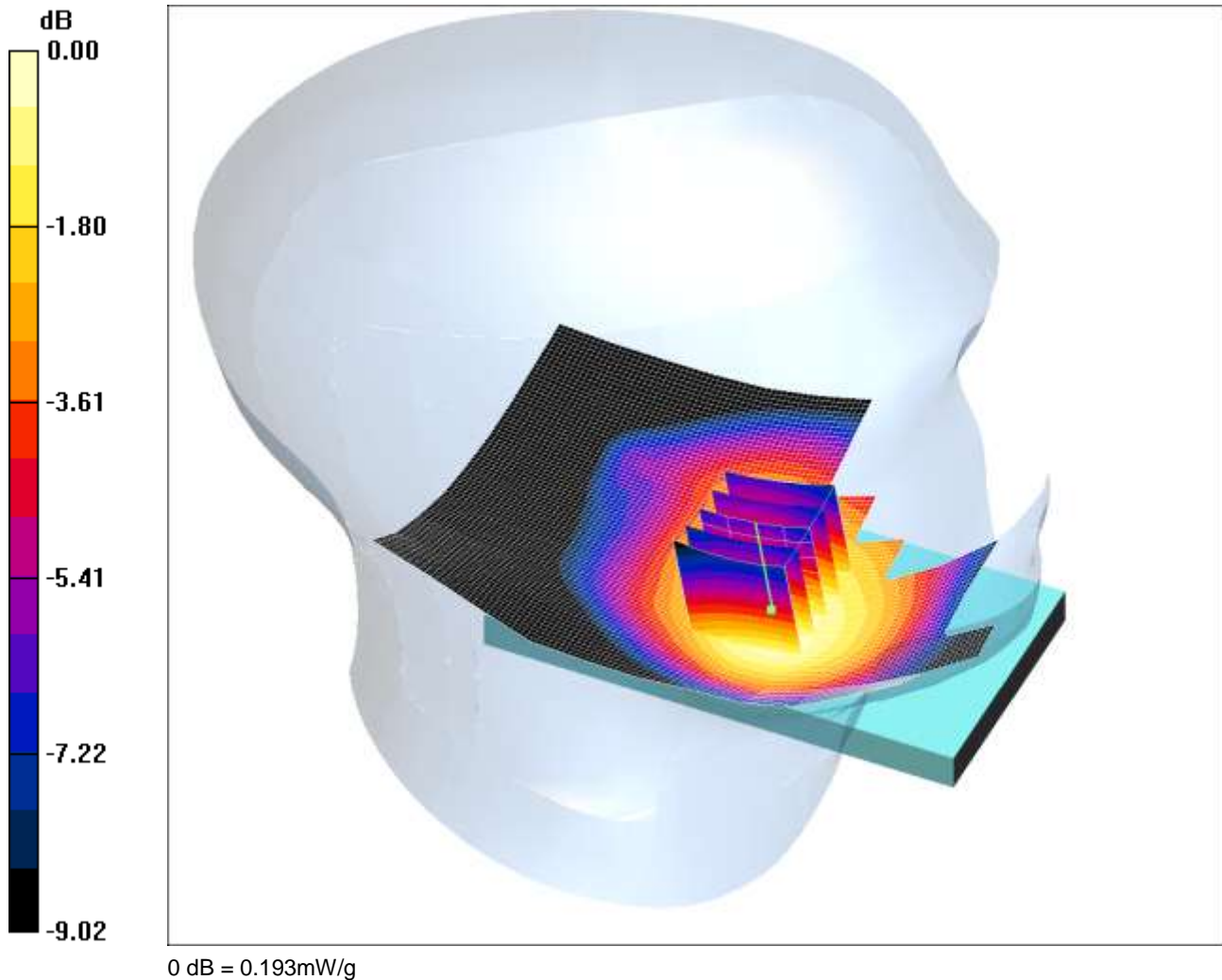
SAR(1 g) = 0.221 mW/g; SAR(10 g) = 0.163 mW/g

Maximum value of SAR (measured) = 0.233 mW/g

SCN/90574/058: Touch Left LTE Band 5 10MHz BW 50% RB Middle QPSK CH20525

Date: 26/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



0 dB = 0.193mW/g

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

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 42.1$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193

- Measurement SW: DASY52, V52.8 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 145

Touch Left - Middle/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.196 mW/g

Touch Left - Middle/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.64 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.238 W/kg

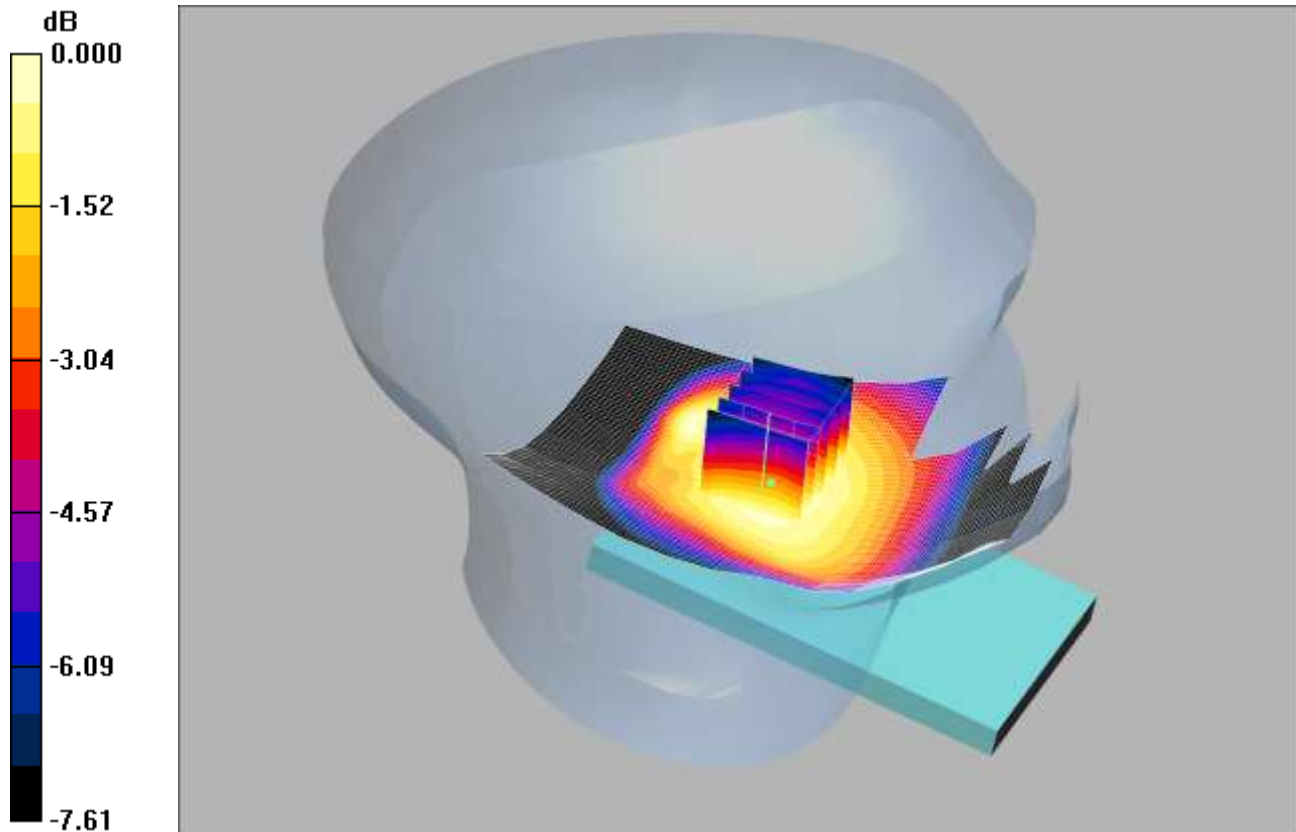
SAR(1 g) = 0.184 mW/g; SAR(10 g) = 0.136 mW/g

Maximum value of SAR (measured) = 0.193 mW/g

SCN/90574/059: Tilt Left LTE Band 5 10MHz BW 1RB Middle CH20525

Date: 10/01/2013

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU04



0 dB = 0.134mW/g

Communication System: LTE Band 5 / 10MHz; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.906$ mho/m; $\epsilon_r = 40.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(6.33, 6.33, 6.33); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Tilt Left - Middle 2/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.133 mW/g

Tilt Left - Middle 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.49 V/m; Power Drift = -0.165 dB

Peak SAR (extrapolated) = 0.153 W/kg

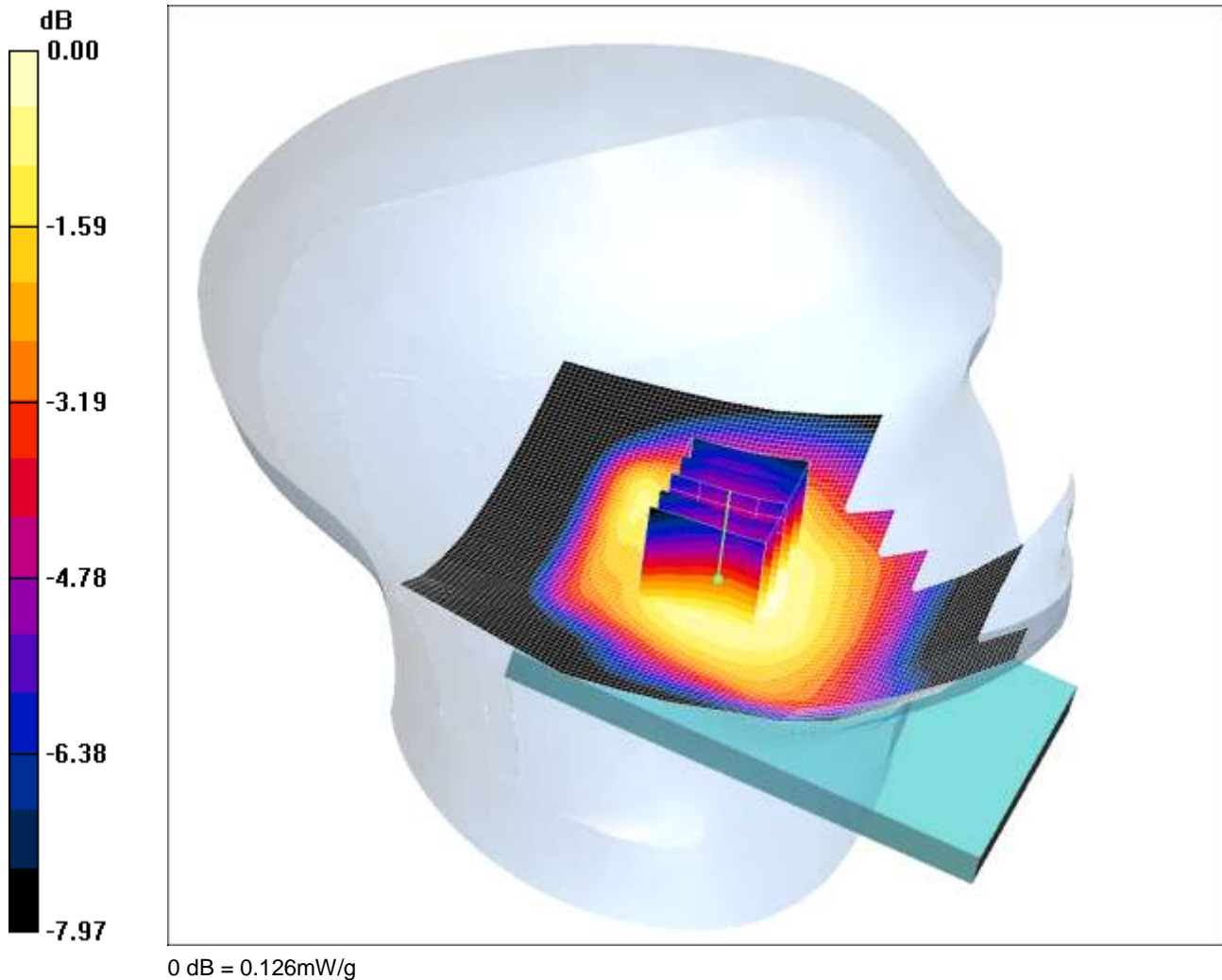
SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.099 mW/g

Maximum value of SAR (measured) = 0.134 mW/g

SCN/90574/060: Tilt Left LTE Band 5 10MHz BW 50% RB Middle QPSK CH20525

Date: 26/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



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

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 42.1$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193

- Measurement SW: DASY52, V52.8 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 145

Tilt Left - Middle/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.125 mW/g

Tilt Left - Middle/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.04 V/m; Power Drift = 0.045 dB

Peak SAR (extrapolated) = 0.150 W/kg

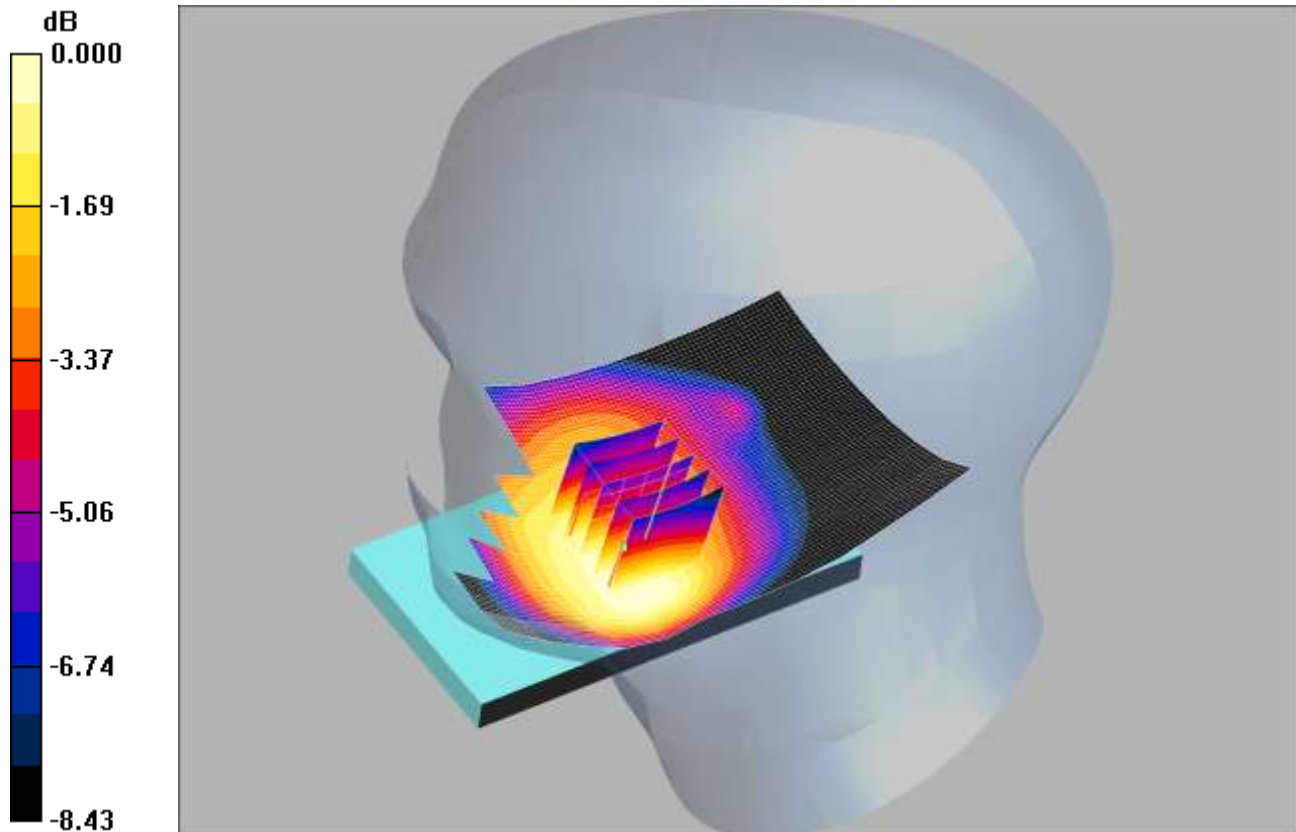
SAR(1 g) = 0.120 mW/g; SAR(10 g) = 0.093 mW/g

Maximum value of SAR (measured) = 0.126 mW/g

SCN/90574/061: Touch Right LTE Band 5 10MHz BW 1RB Middle CH20525

Date: 10/01/2013

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU04



0 dB = 0.218mW/g

Communication System: LTE Band 5 / 10MHz; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.906$ mho/m; $\epsilon_r = 40.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(6.33, 6.33, 6.33); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch Right - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.217 mW/g

Touch Right - Middle/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.84 V/m; Power Drift = -0.064 dB

Peak SAR (extrapolated) = 0.270 W/kg

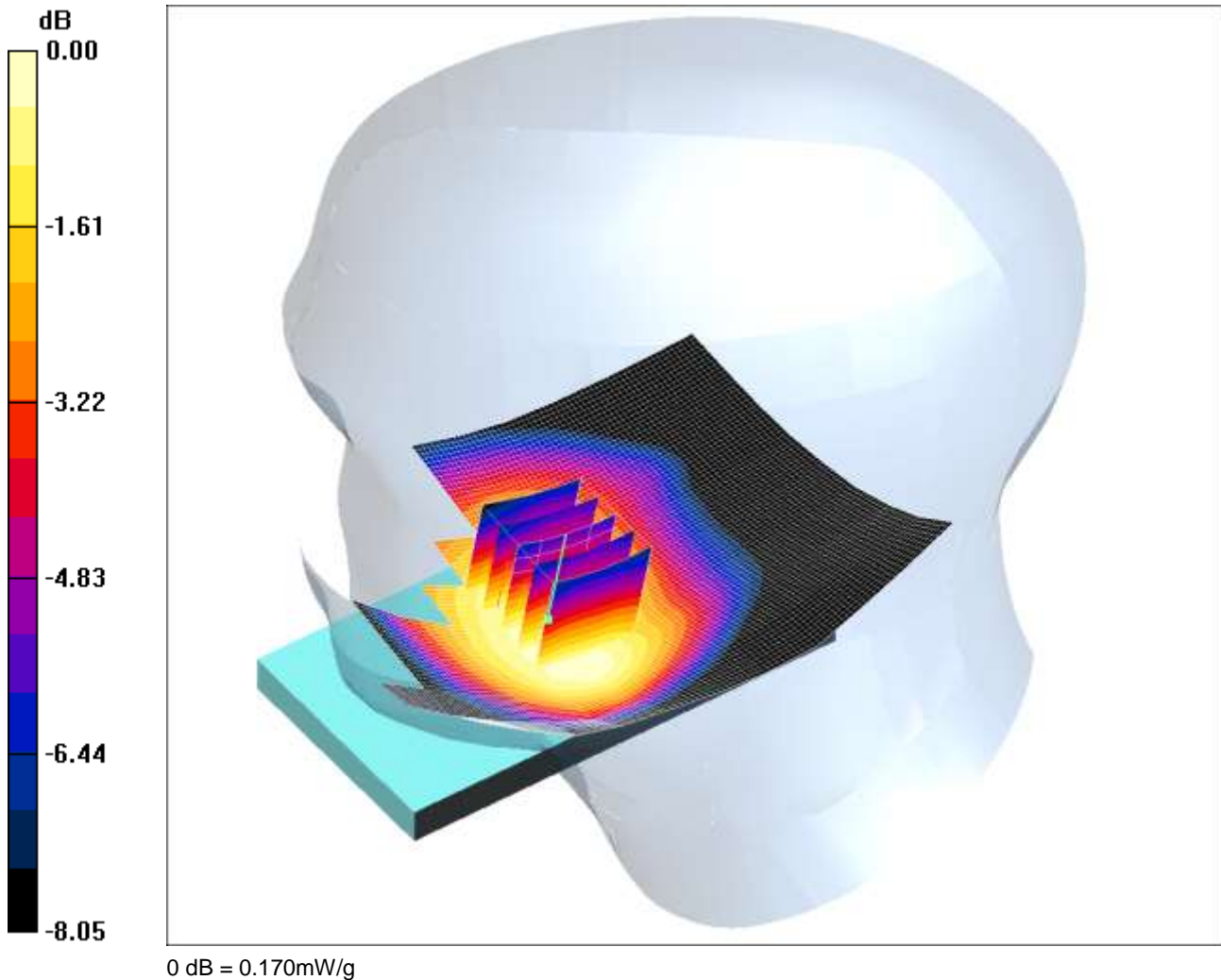
SAR(1 g) = 0.208 mW/g; SAR(10 g) = 0.159 mW/g

Maximum value of SAR (measured) = 0.218 mW/g

SCN/90574/062: Touch Right LTE Band 5 10MHz BW 50% Middle RB QPSK CH20525

Date: 27/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



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

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 42.1$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193

- Measurement SW: DASY52, V52.8 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 145

Touch Right - Middle/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.170 mW/g

Touch Right - Middle/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.29 V/m; Power Drift = 0.095 dB

Peak SAR (extrapolated) = 0.208 W/kg

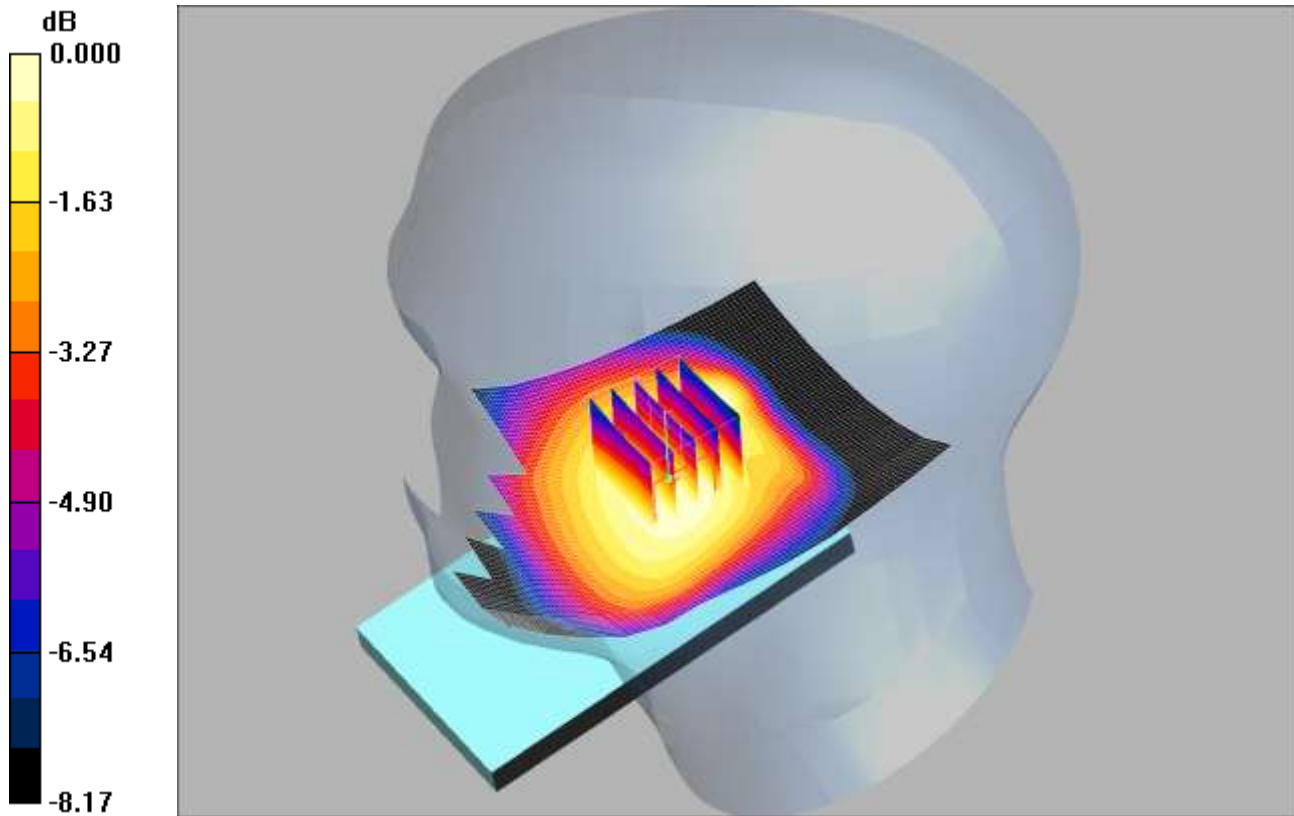
SAR(1 g) = 0.163 mW/g; SAR(10 g) = 0.124 mW/g

Maximum value of SAR (measured) = 0.170 mW/g

SCN/90574/063: Tilt Right LTE Band 5 10MHz BW 1RB Middle CH20525

Date: 10/01/2013

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU04



0 dB = 0.100mW/g

Communication System: LTE Band 5 / 10MHz; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.906$ mho/m; $\epsilon_r = 40.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(6.33, 6.33, 6.33); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Tilt Right - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.128 mW/g

Tilt Right - Middle/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.77 V/m; Power Drift = -0.033 dB

Peak SAR (extrapolated) = 0.144 W/kg

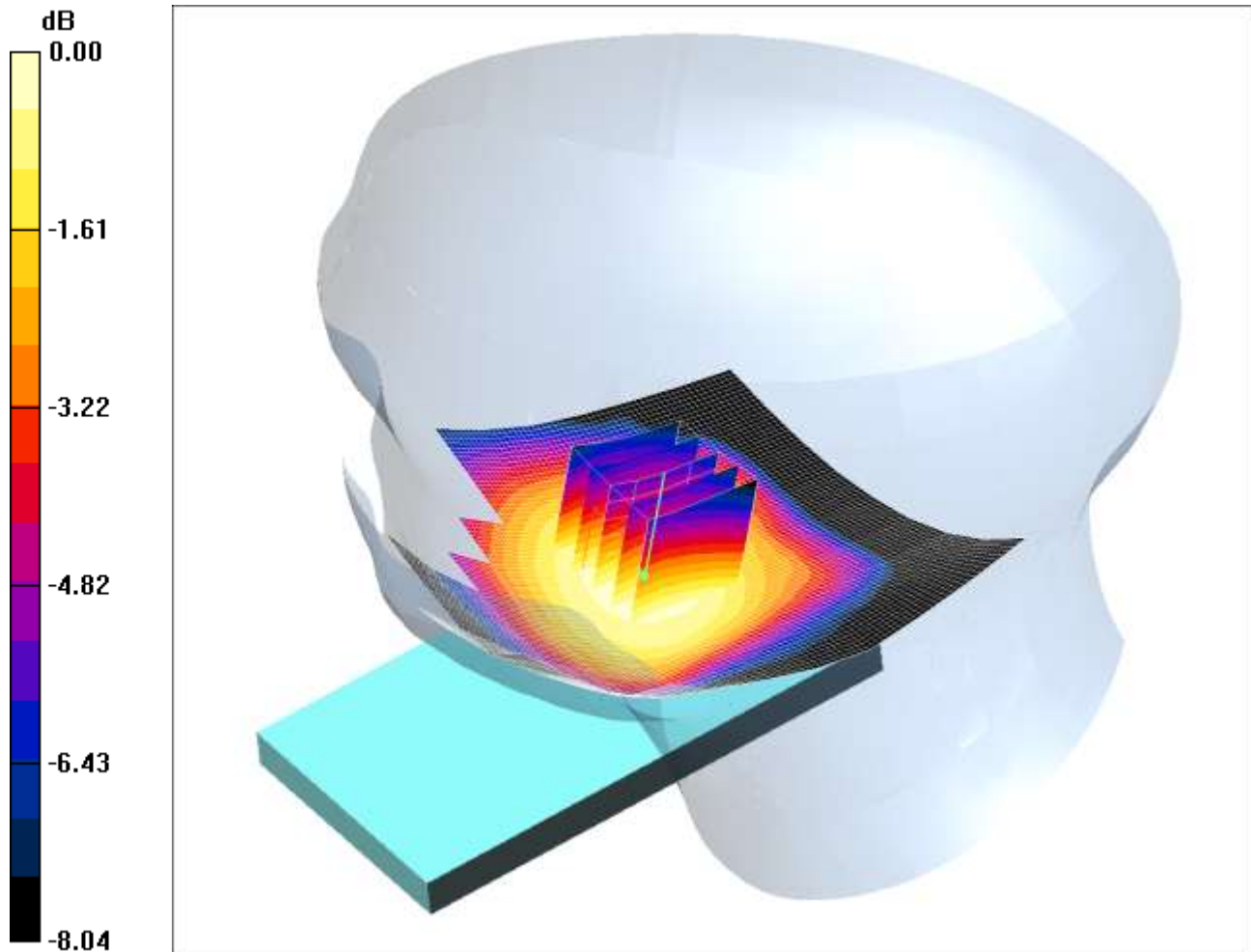
SAR(1 g) = 0.119 mW/g; SAR(10 g) = 0.093 mW/g

Maximum value of SAR (measured) = 0.125 mW/g

SCN/90574/064: Tilt Right LTE Band 5 10MHz BW 50% RB Middle QPSK CH20525

Date: 27/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



0 dB = 0.105mW/g

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

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.907$ mho/m; $\epsilon_r = 42.1$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193

- Measurement SW: DASY52, V52.8 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 145

Tilt Right - Middle/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.106 mW/g

Tilt Right - Middle/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.13 V/m; Power Drift = 0.043 dB

Peak SAR (extrapolated) = 0.124 W/kg

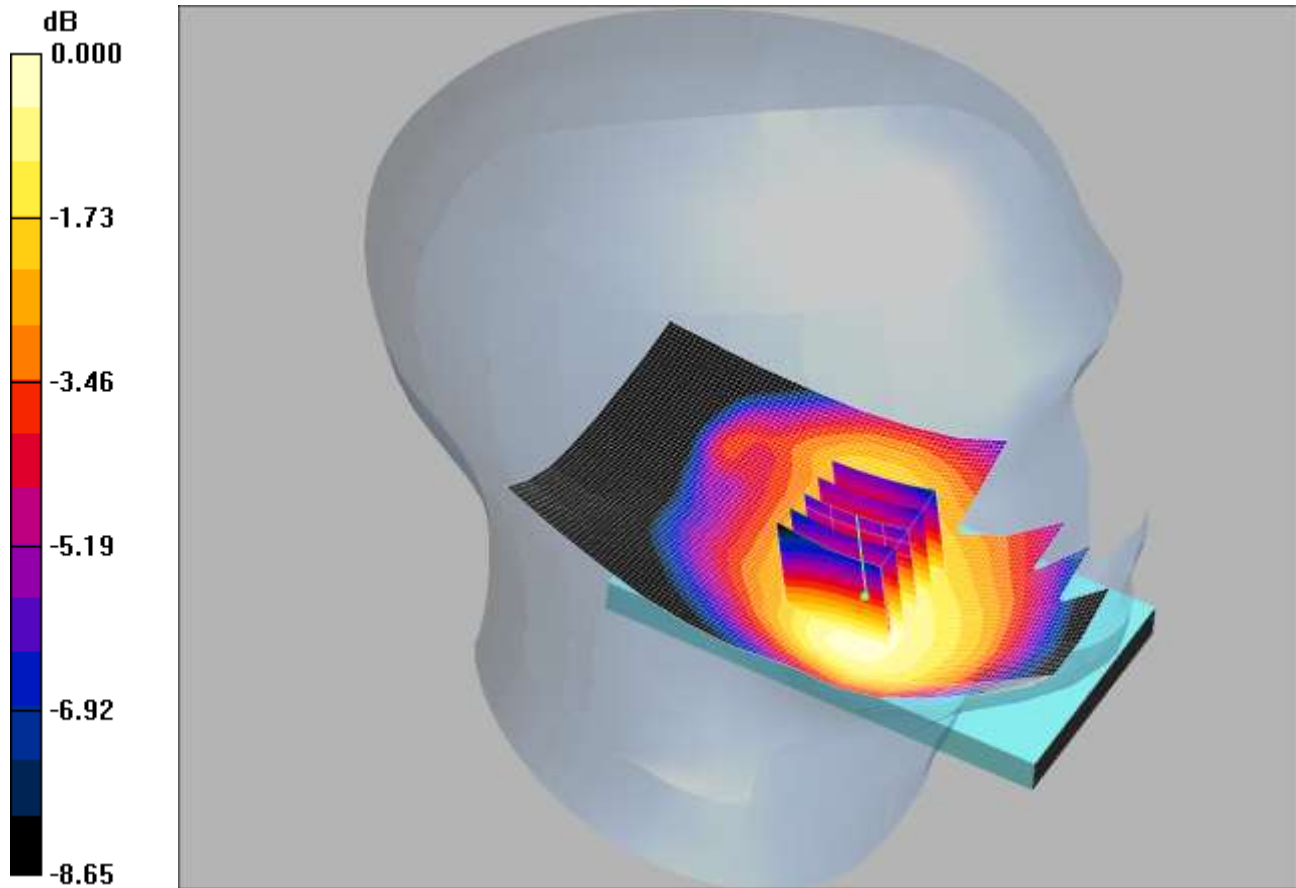
SAR(1 g) = 0.101 mW/g; SAR(10 g) = 0.079 mW/g

Maximum value of SAR (measured) = 0.105 mW/g

SCN/90574/065: Touch Left LTE Band 5 10MHz BW 1RB Middle CH20450

Date: 10/01/2013

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU04



0 dB = 0.209mW/g

Communication System: LTE Band 5 / 10MHz; Frequency: 829 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 829 \text{ MHz}$; $\sigma = 0.901 \text{ mho/m}$; $\epsilon_r = 40.7$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(6.33, 6.33, 6.33); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch Left -Low/Area Scan (71x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.206 mW/g

Touch Left -Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.55 V/m; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 0.264 W/kg

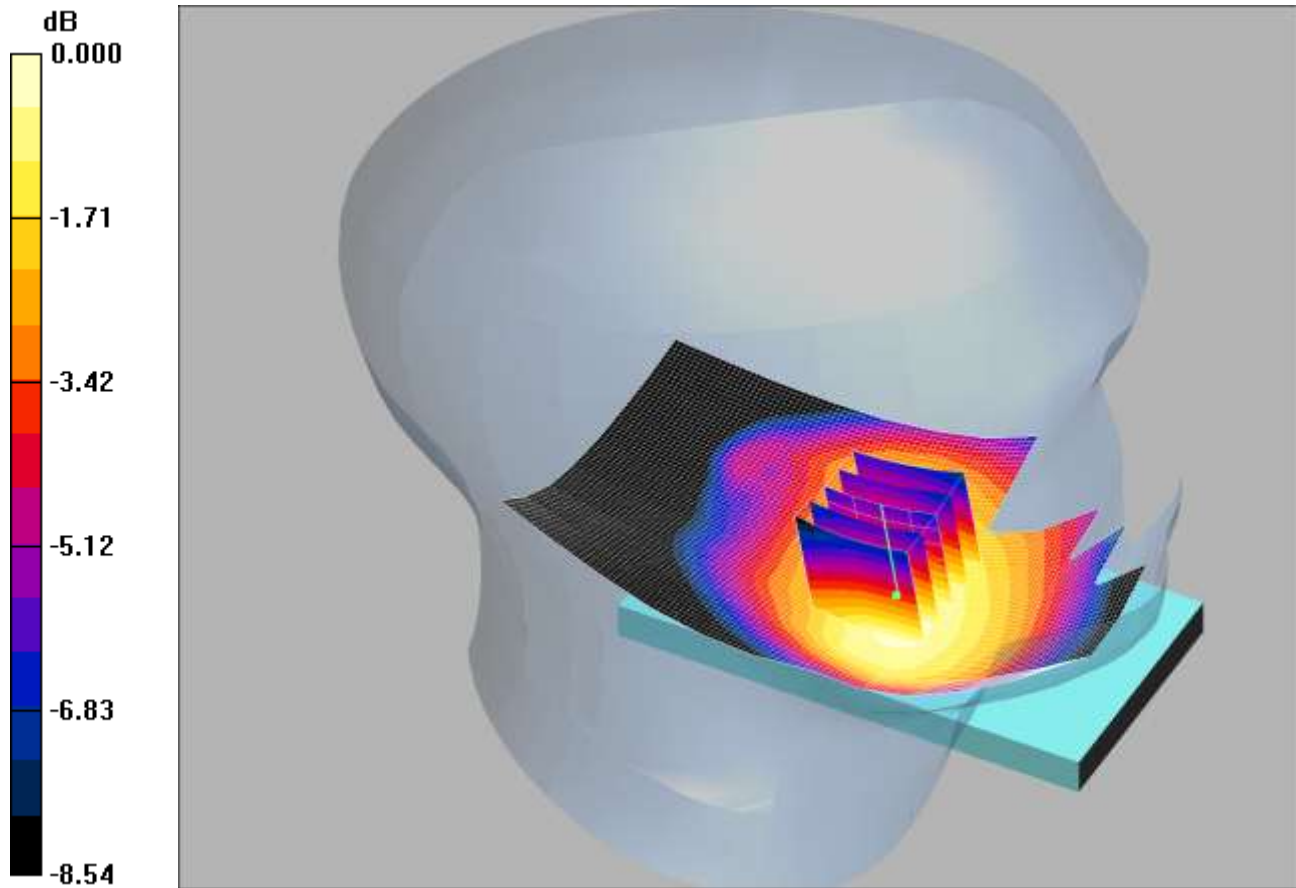
SAR(1 g) = 0.201 mW/g; SAR(10 g) = 0.152 mW/g

Maximum value of SAR (measured) = 0.209 mW/g

SCN/90574/066: Touch Left LTE Band 5 10MHz BW 1RB Middle CH20600

Date: 10/01/2013

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU04



0 dB = 0.320mW/g

Communication System: LTE Band 5 / 10MHz; Frequency: 844 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 844 \text{ MHz}$; $\sigma = 0.91 \text{ mho/m}$; $\epsilon_r = 40.6$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(6.33, 6.33, 6.33); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch Left - High/Area Scan (71x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.312 mW/g

Touch Left - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.10 V/m; Power Drift = 0.038 dB

Peak SAR (extrapolated) = 0.409 W/kg

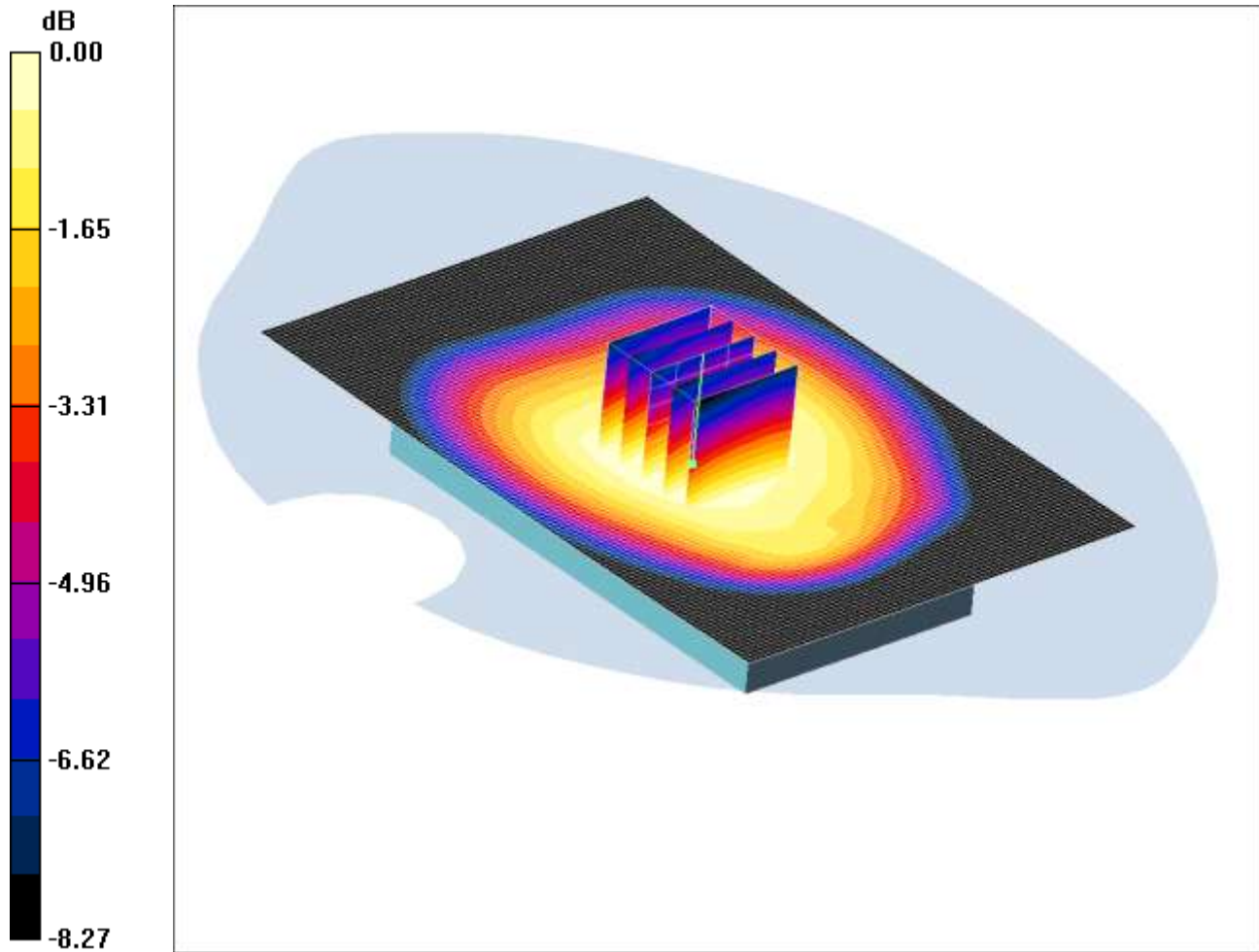
SAR(1 g) = 0.305 mW/g; SAR(10 g) = 0.228 mW/g

Maximum value of SAR (measured) = 0.320 mW/g

SCN/90574/067: Front of EUT Facing Phantom LTE Band 5 10MHz BW 1RB Middle QPSK CH20525

Date: 09/01/2013

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



0 dB = 0.303mW/g

Communication System: LTE Band 5 / 10MHz; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(6.13, 6.13, 6.13); Calibrated: 31/08/2012

- Sensor-Surface: 3mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Front of EUT Facing Phantom- Middle/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.312 mW/g

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

Reference Value = 17.8 V/m; Power Drift = 0.022 dB

Peak SAR (extrapolated) = 0.349 W/kg

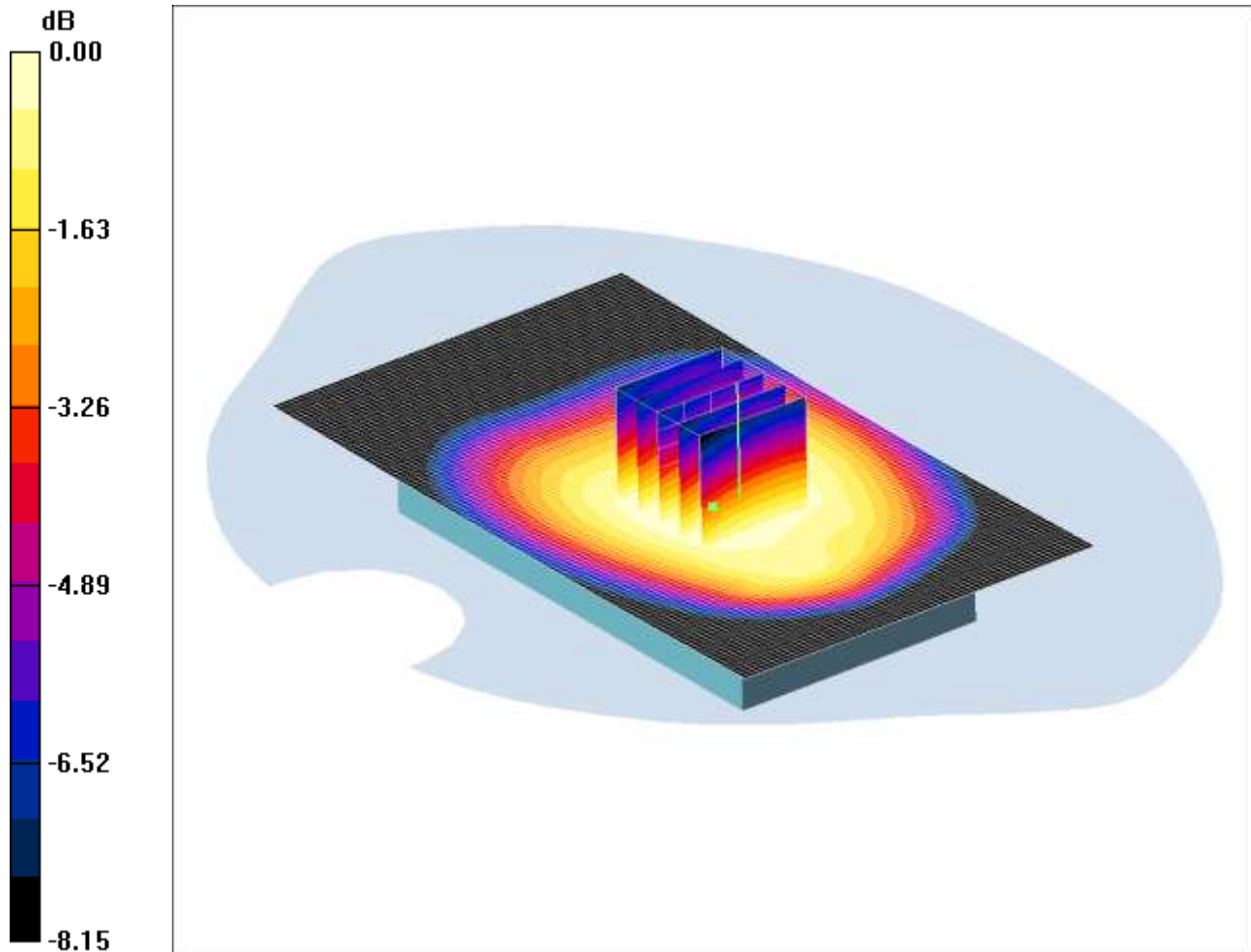
SAR(1 g) = 0.277 mW/g; SAR(10 g) = 0.213 mW/g

Maximum value of SAR (measured) = 0.303 mW/g

SCN/90574/068: Front of EUT Facing Phantom LTE Band 5 10MHz BW 50% RB QPSK CH20525

Date: 20/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



0 dB = 0.238mW/g

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

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.957$ mho/m; $\epsilon_r = 56.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx

- Measurement SW: DASY52, V52.8 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 145

Front of EUT Facing Phantom - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.238 mW/g

Front of EUT Facing Phantom - Middle/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.3 V/m; Power Drift = 0.081 dB

Peak SAR (extrapolated) = 0.276 W/kg

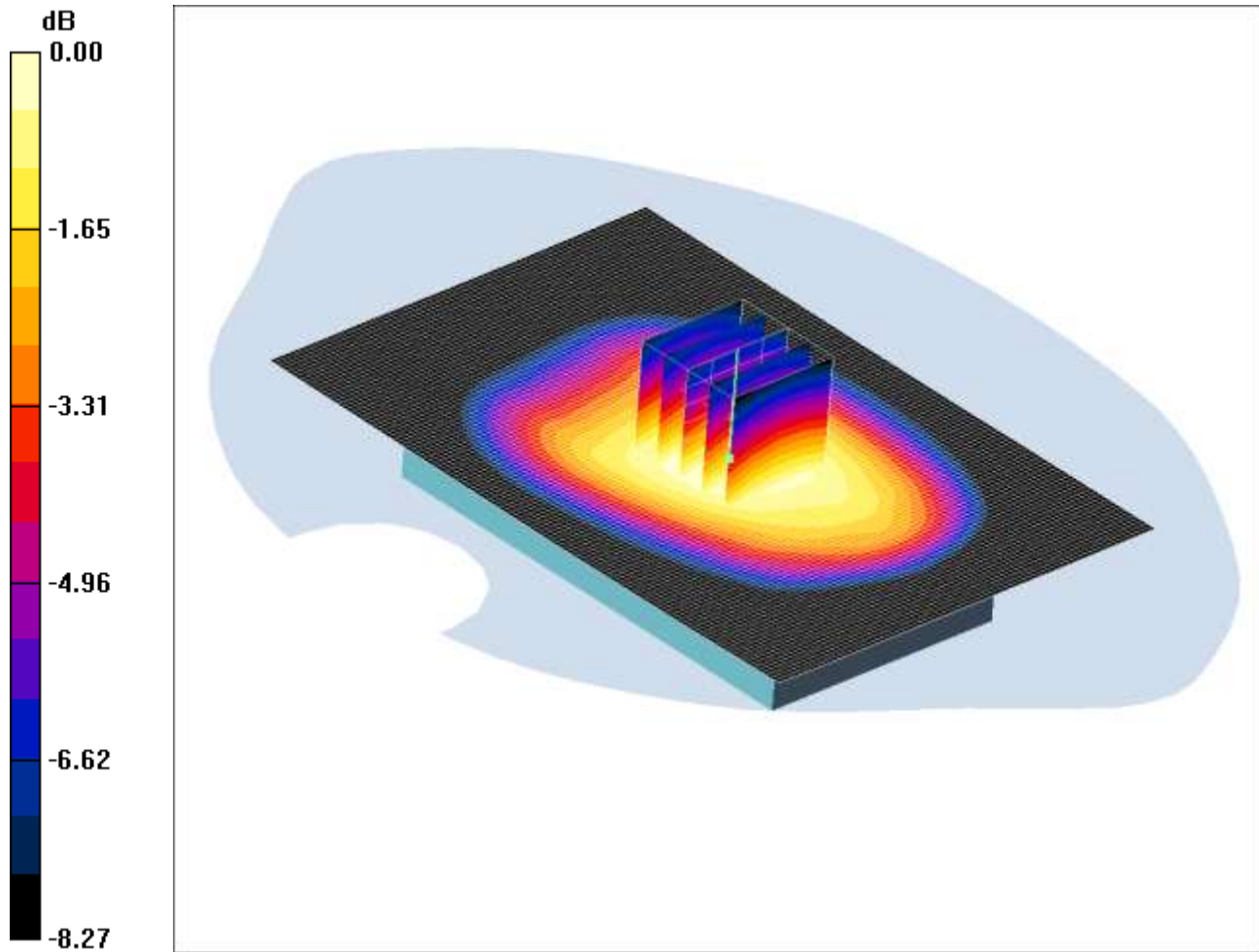
SAR(1 g) = 0.228 mW/g; SAR(10 g) = 0.178 mW/g

Maximum value of SAR (measured) = 0.238 mW/g

SCN/90574/069: Back of EUT Facing Phantom LTE Band 5 10MHz BW 1RB Middle QPSK CH20525

Date: 09/01/2013

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



0 dB = 0.561mW/g

Communication System: LTE Band 5 / 10MHz; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(6.13, 6.13, 6.13); Calibrated: 31/08/2012

- Sensor-Surface: 3mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom- Middle/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.562 mW/g

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

Reference Value = 23.7 V/m; Power Drift = -0.054 dB

Peak SAR (extrapolated) = 0.650 W/kg

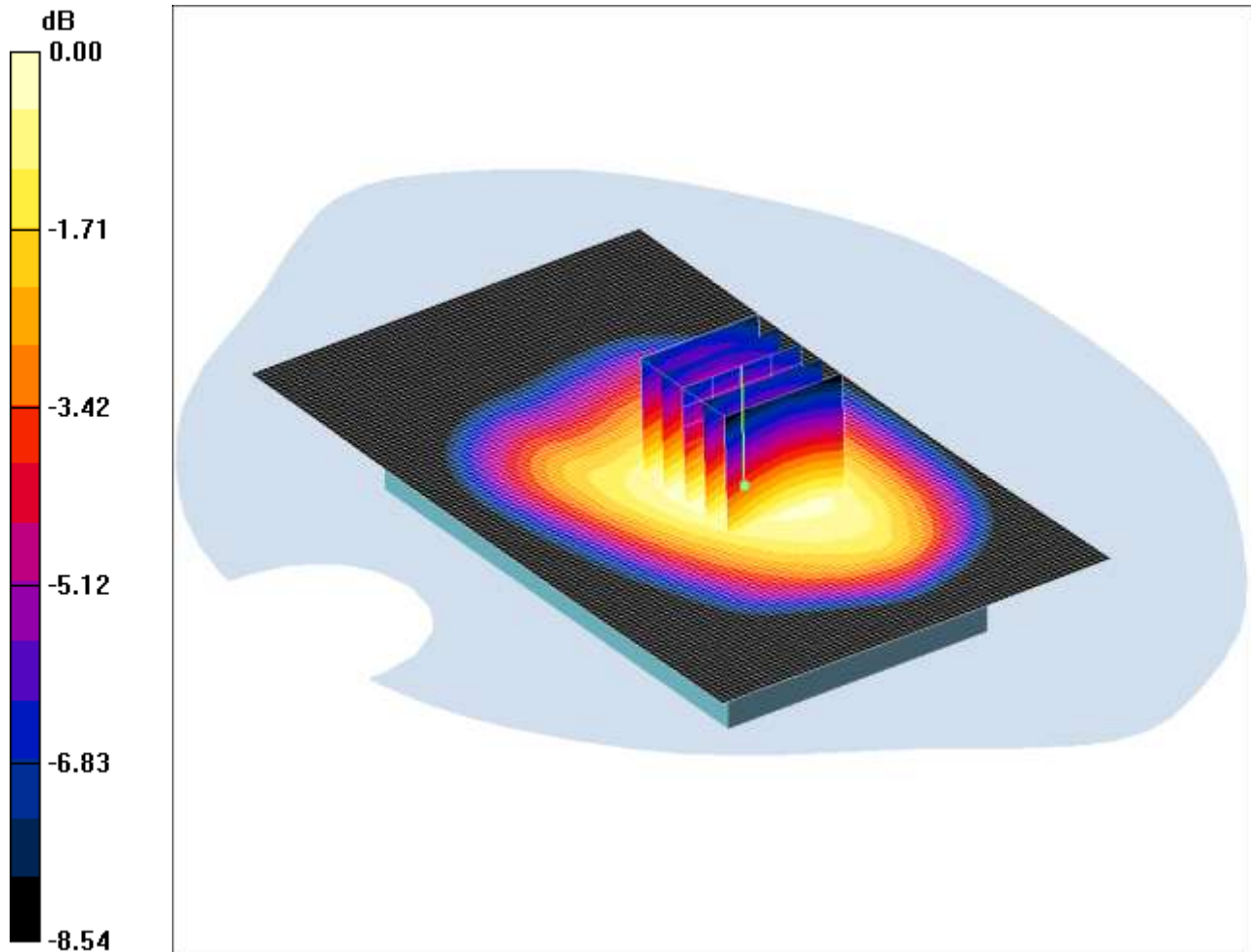
SAR(1 g) = 0.511 mW/g; SAR(10 g) = 0.384 mW/g

Maximum value of SAR (measured) = 0.561 mW/g

SCN/90574/070: Back of EUT Facing Phantom LTE Band 5 10MHz BW 50% RB QPSK CH20525

Date: 20/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



0 dB = 0.429mW/g

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

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.957$ mho/m; $\epsilon_r = 56.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx

- Measurement SW: DASY52, V52.8 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.427 mW/g

Back of EUT Facing Phantom - Middle/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.3 V/m; Power Drift = 0.00 dB

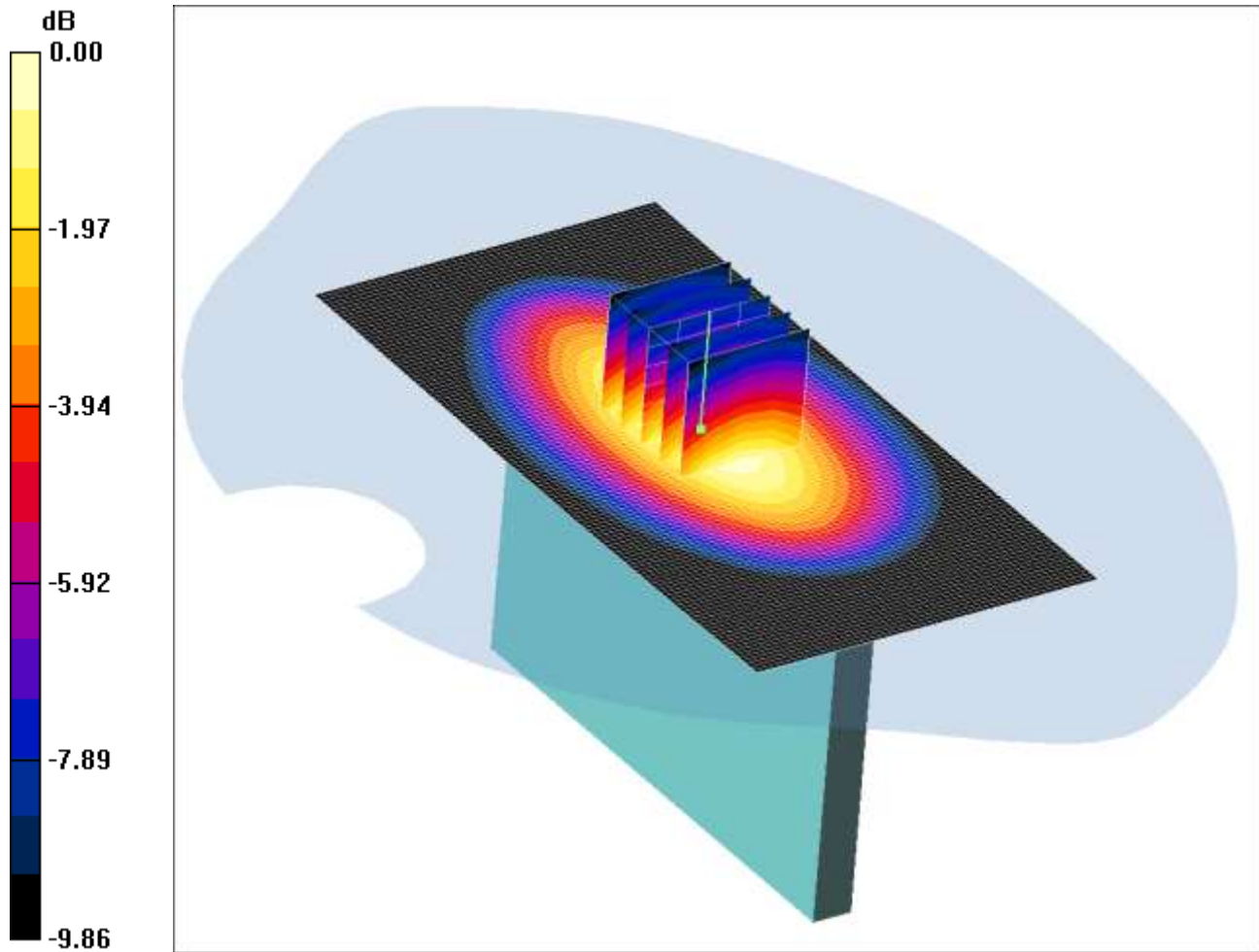
Peak SAR (extrapolated) = 0.494 W/kg

SAR(1 g) = 0.410 mW/g; SAR(10 g) = 0.312 mW/g

Maximum value of SAR (measured) = 0.429 mW/g

SCN/90574/071: Left Hand Side of EUT Facing Phantom LTE Band 5 10MHz BW 1RB Middle QPSK CH20525
Date: 09/01/2013

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



0 dB = 0.236mW/g

Communication System: LTE Band 5 / 10MHz; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(6.13, 6.13, 6.13); Calibrated: 31/08/2012

- Sensor-Surface: 3mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Left Hand Side of EUT Facing Phantom- Middle/Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.237 mW/g

Left Hand Side of EUT Facing Phantom- Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:

dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.0 V/m; Power Drift = -0.080 dB

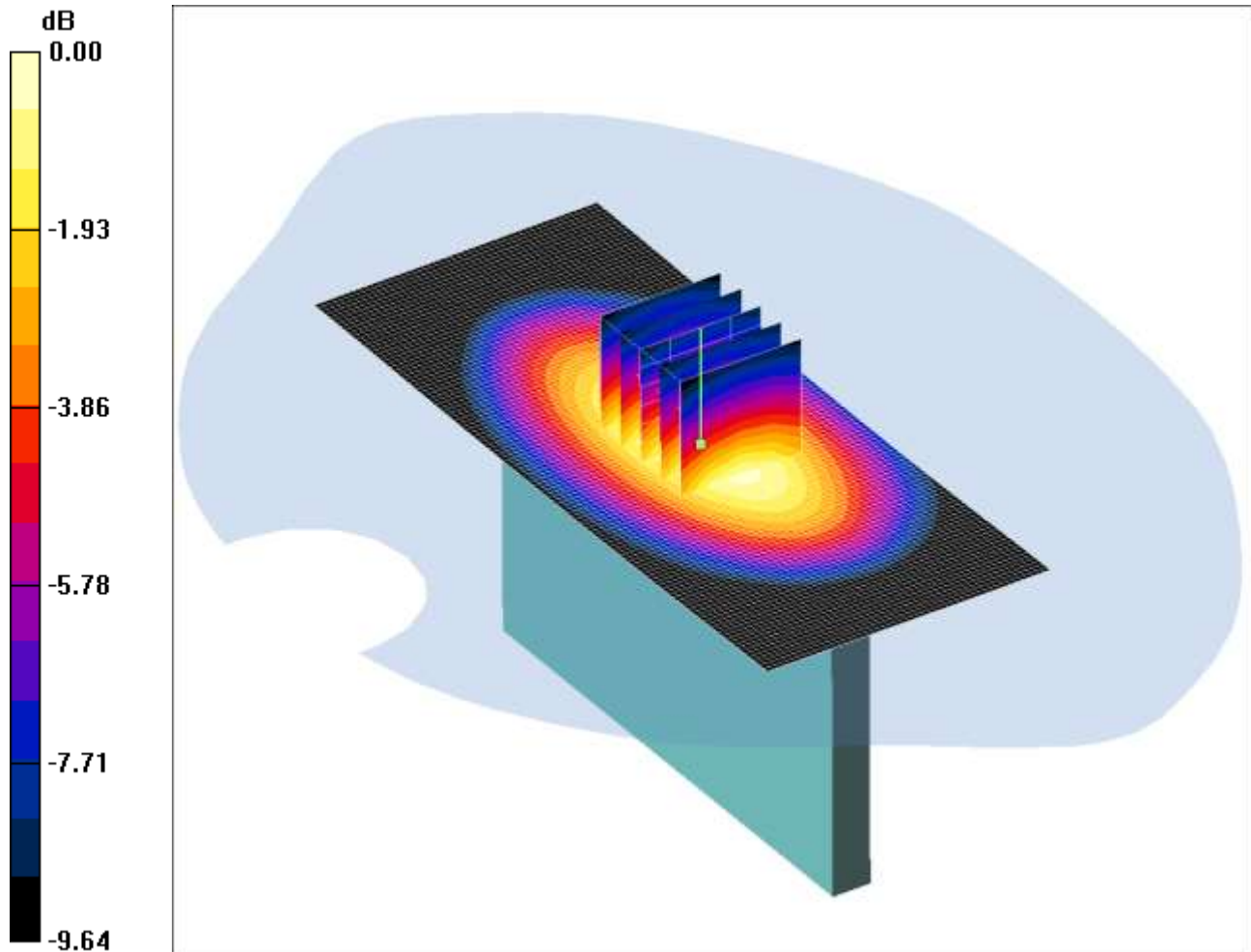
Peak SAR (extrapolated) = 0.288 W/kg

SAR(1 g) = 0.205 mW/g; SAR(10 g) = 0.141 mW/g

Maximum value of SAR (measured) = 0.236 mW/g

SCN/90574/072: Left Hand Side of EUT Facing Phantom LTE Band 5 10MHz BW 50% RB QPSK CH20525
Date: 23/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



0 dB = 0.245mW/g

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

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.959$ mho/m; $\epsilon_r = 56.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx

- Measurement SW: DASY52, V52.8 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 145

Left Hand Side of EUT Facing Phantom - Middle 2/Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.243 mW/g

Left Hand Side of EUT Facing Phantom - Middle 2/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid:

dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.6 V/m; Power Drift = 0.065 dB

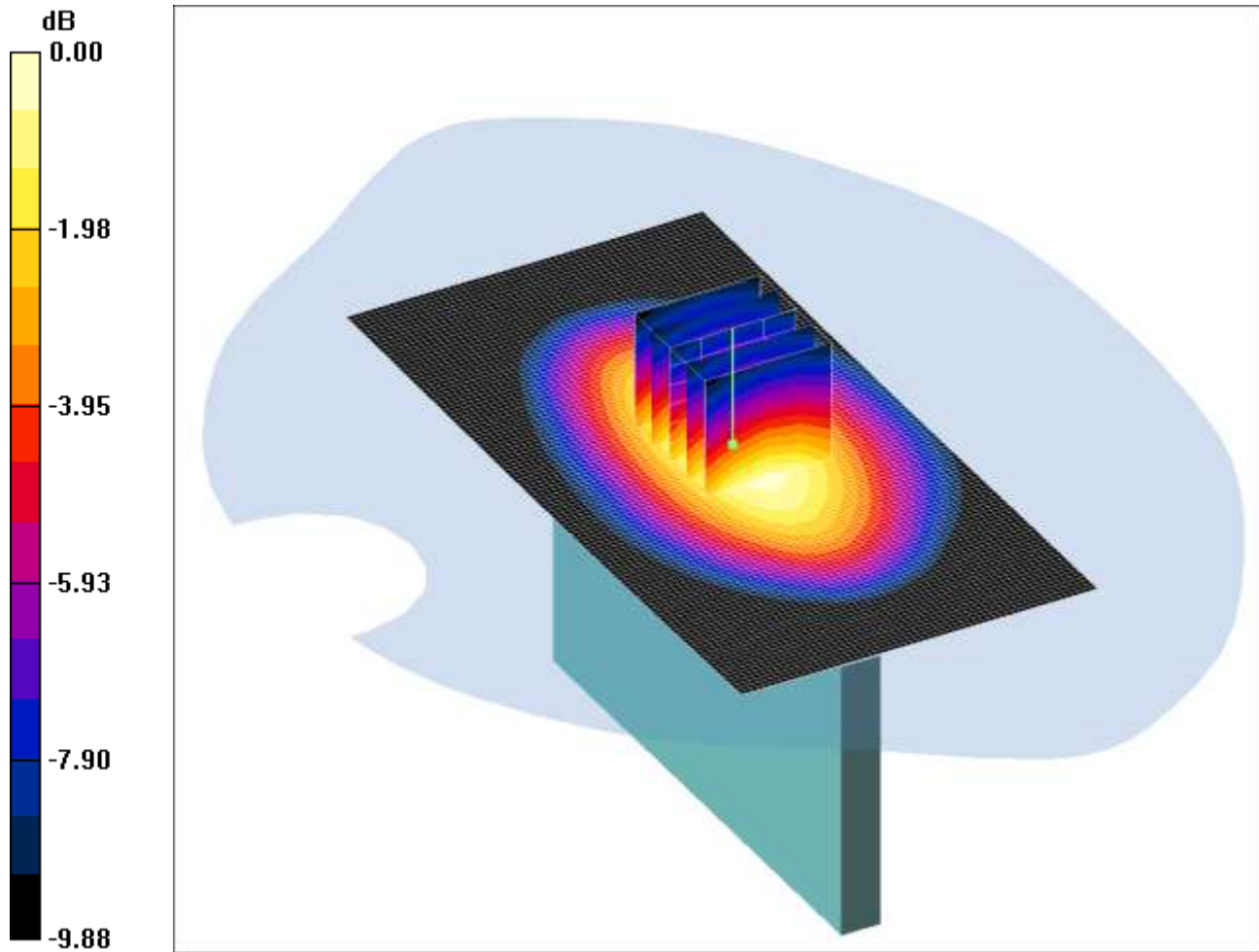
Peak SAR (extrapolated) = 0.309 W/kg

SAR(1 g) = 0.227 mW/g; SAR(10 g) = 0.156 mW/g

Maximum value of SAR (measured) = 0.245 mW/g

SCN/90574/073: Right Hand Side of EUT Facing Phantom LTE Band 5 10MHz BW 1RB Middle QPSK CH20525
Date: 09/01/2013

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



0 dB = 0.267mW/g

Communication System: LTE Band 5 / 10MHz; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(6.13, 6.13, 6.13); Calibrated: 31/08/2012

- Sensor-Surface: 3mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Right Hand Side of EUT Facing Phantom- Middle/Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.268 mW/g

Right Hand Side of EUT Facing Phantom- Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:

dx=8mm, dy=8mm, dz=5mm

Reference Value = 16.9 V/m; Power Drift = -0.197 dB

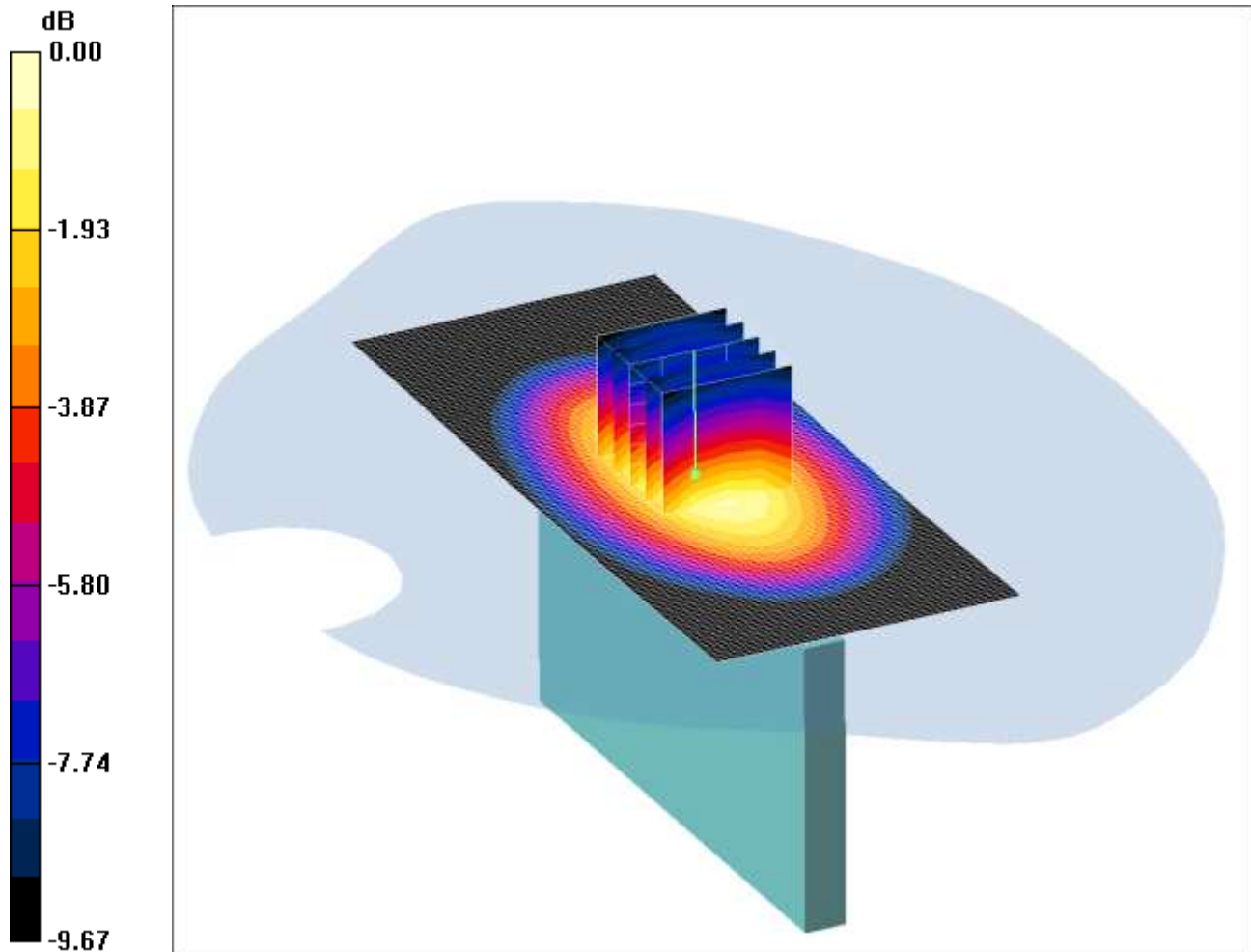
Peak SAR (extrapolated) = 0.328 W/kg

SAR(1 g) = 0.233 mW/g; SAR(10 g) = 0.160 mW/g

Maximum value of SAR (measured) = 0.267 mW/g

SCN/90574/074: Right Hand Side of EUT Facing Phantom LTE Band 5 10MHz BW 50% RB QPSK CH20525
Date: 24/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



0 dB = 0.349mW/g

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

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.976$ mho/m; $\epsilon_r = 55.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx

- Measurement SW: DASY52, V52.8 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 145

Right Hand Side of EUT Facing Phantom - Middle 2/Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.336 mW/g

Right Hand Side of EUT Facing Phantom - Middle 2/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid:

dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.3 V/m; Power Drift = 0.185 dB

Peak SAR (extrapolated) = 0.444 W/kg

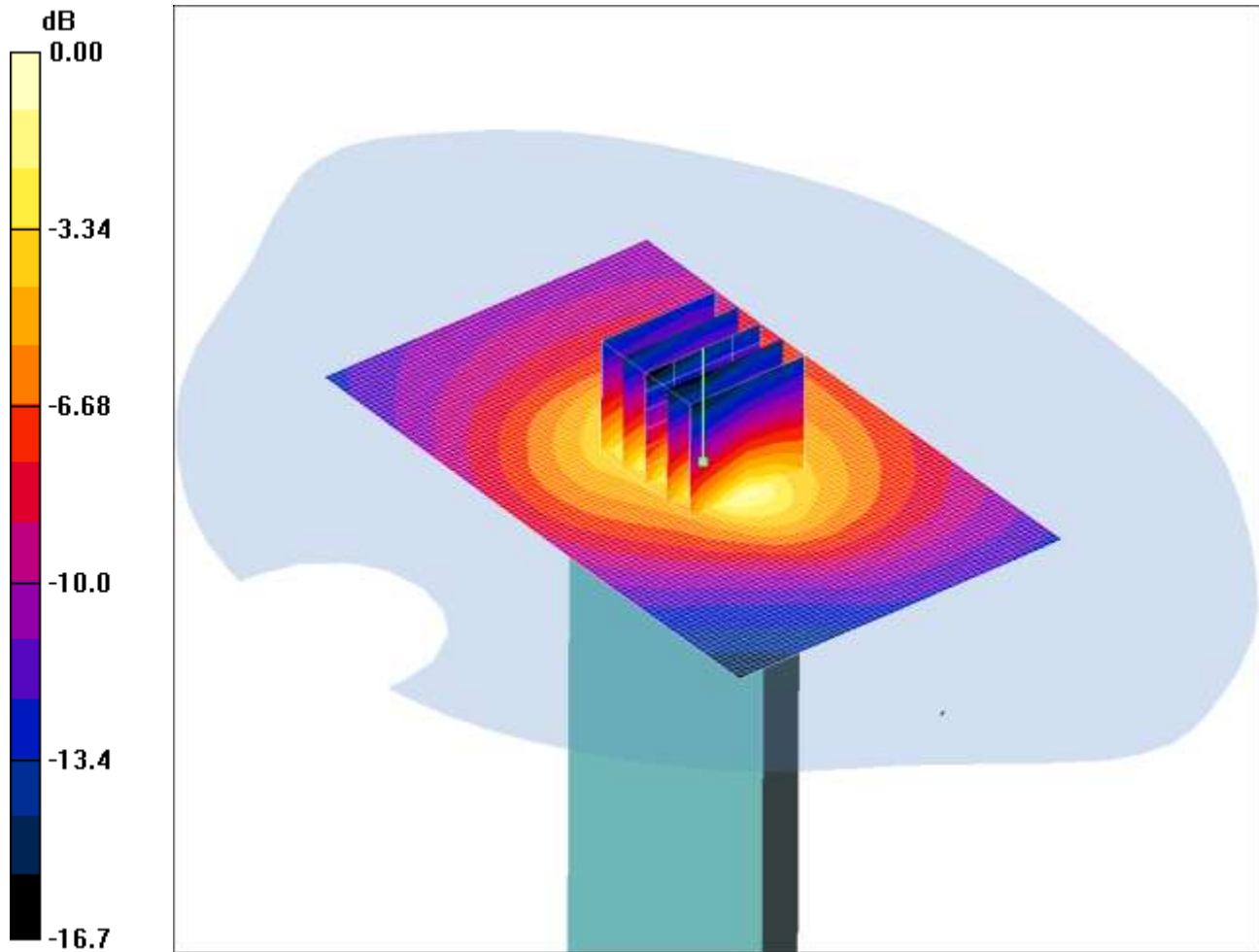
SAR(1 g) = 0.324 mW/g; SAR(10 g) = 0.223 mW/g

Maximum value of SAR (measured) = 0.349 mW/g

SCN/90574/075: Bottom of EUT Facing Phantom LTE Band 5 10MHz BW 1RB Middle QPSK CH20525

Date: 09/01/2013

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



0 dB = 0.074mW/g

Communication System: LTE Band 5 / 10MHz; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(6.13, 6.13, 6.13); Calibrated: 31/08/2012

- Sensor-Surface: 3mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Bottom of EUT Facing Phantom- Middle/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.074 mW/g

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

Reference Value = 8.84 V/m; Power Drift = -0.068 dB

Peak SAR (extrapolated) = 0.123 W/kg

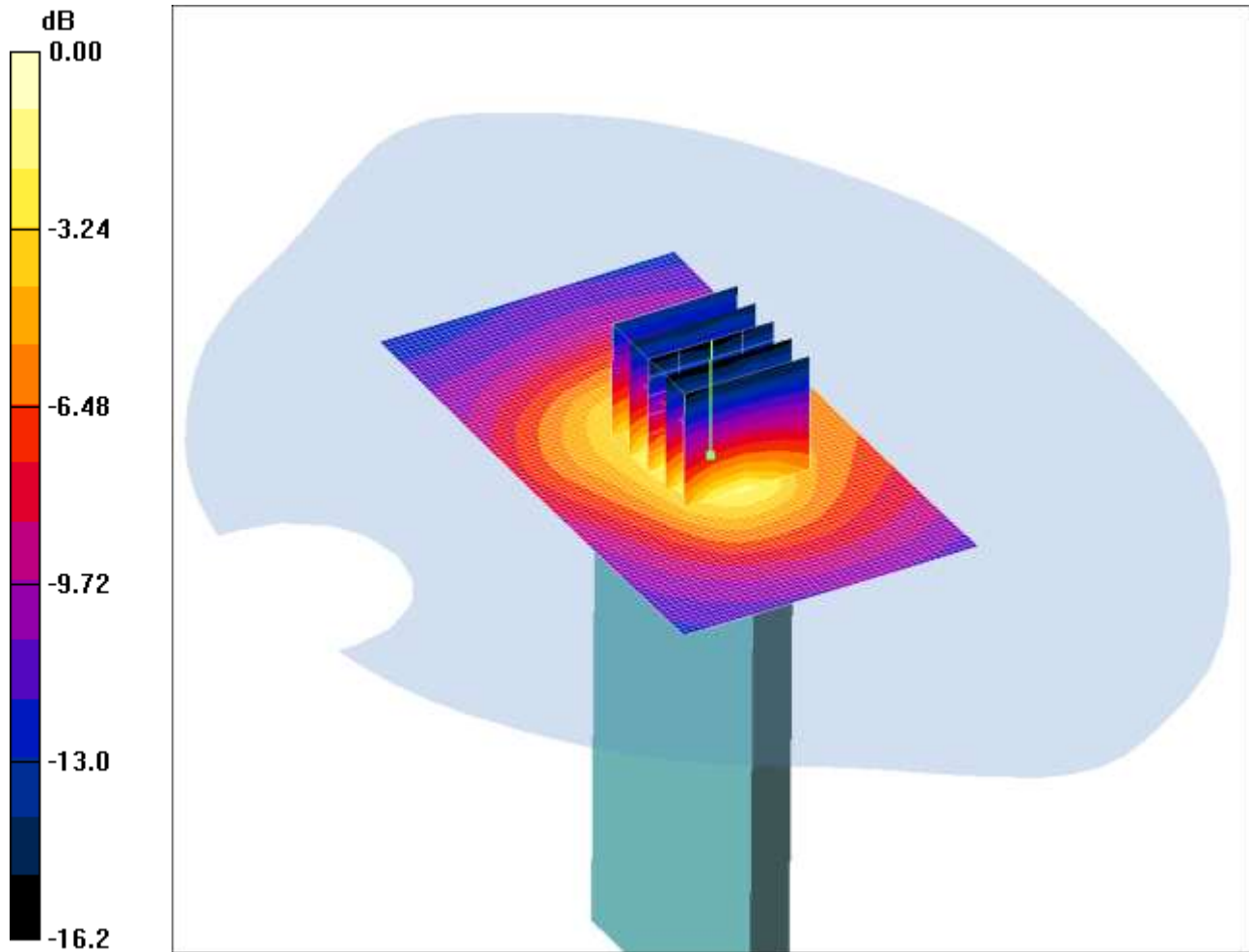
SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.030 mW/g

Maximum value of SAR (measured) = 0.074 mW/g

SCN/90574/076: Bottom of EUT Facing Phantom LTE Band 5 10MHz BW 50% RB QPSK CH20525

Date: 21/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



0 dB = 0.060mW/g

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

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.957$ mho/m; $\epsilon_r = 56.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx

- Measurement SW: DASY52, V52.8 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 145

Bottom of EUT Facing Phantom - Middle/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.053 mW/g

Bottom of EUT Facing Phantom - Middle/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.40 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.150 W/kg

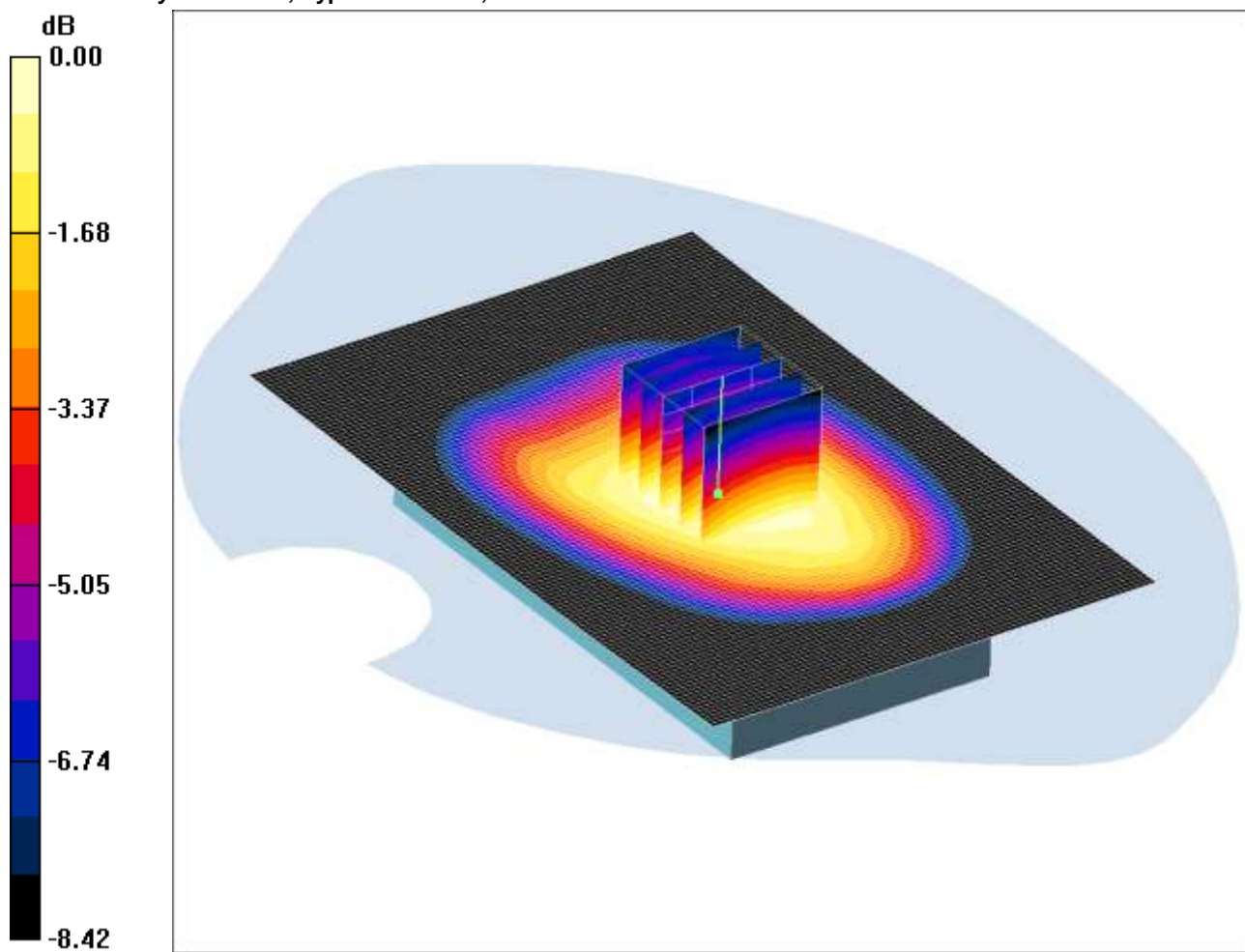
SAR(1 g) = 0.057 mW/g; SAR(10 g) = 0.028 mW/g

Maximum value of SAR (measured) = 0.060 mW/g

SCN/90574/077: Back of EUT Facing Phantom LTE Band 5 10MHz BW 1RB Middle QPSK CH20450

Date/Time: 09/01/2013

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



0 dB = 0.677mW/g

Communication System: LTE Band 5 / 10MHz; Frequency: 829 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 829$ MHz; $\sigma = 0.997$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(6.13, 6.13, 6.13); Calibrated: 31/08/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom- Low/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.690 mW/g

Back of EUT Facing Phantom- Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.8 V/m; Power Drift = -0.125 dB

Peak SAR (extrapolated) = 0.779 W/kg

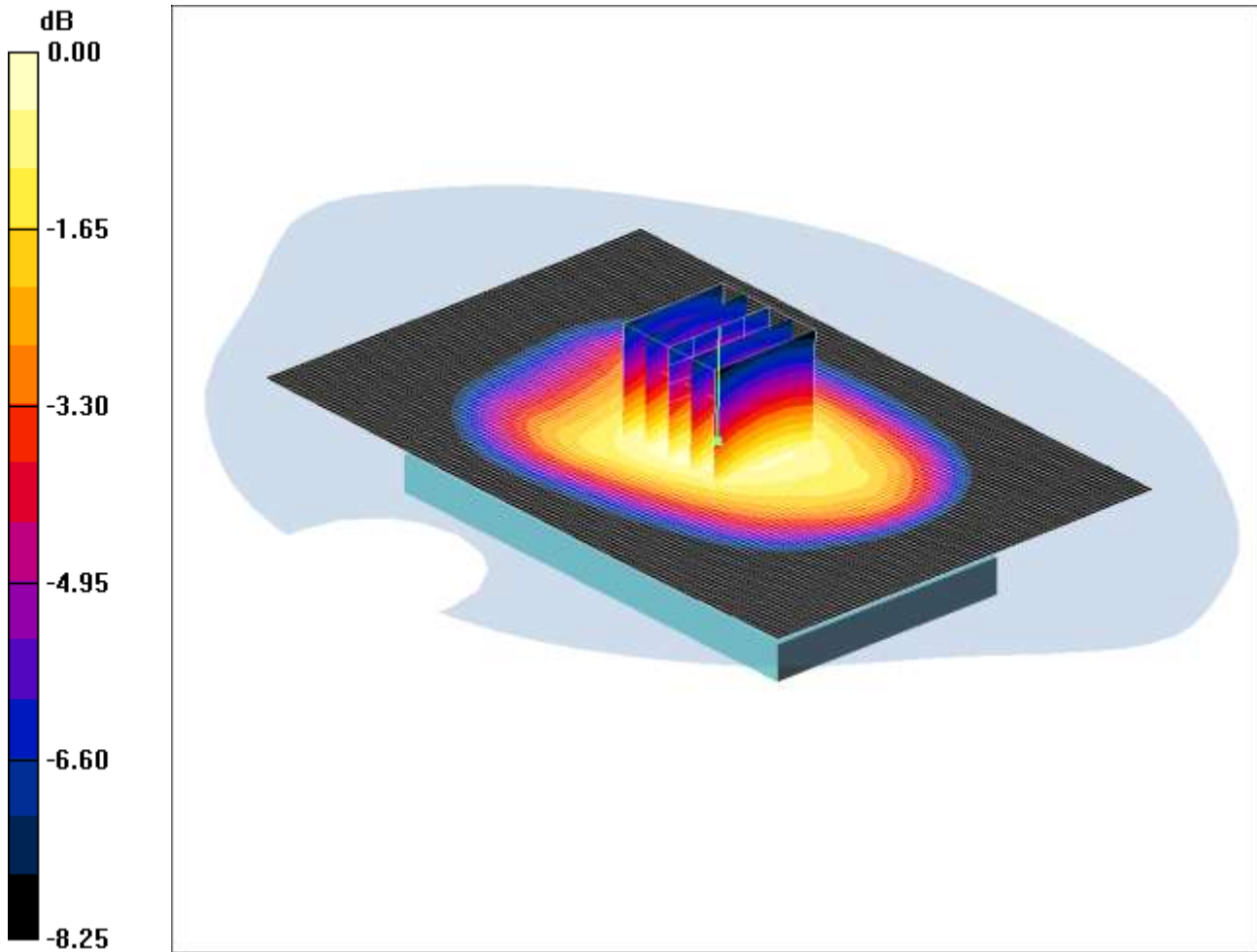
SAR(1 g) = 0.613 mW/g; SAR(10 g) = 0.461 mW/g

Maximum value of SAR (measured) = 0.677 mW/g

SCN/90574/078: Back of EUT Facing Phantom LTE Band 5 10MHz BW 1RB Middle QPSK CH20600

Date: 09/01/2013

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



Communication System: LTE Band 5 / 10MHz; Frequency: 844 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 844$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(6.13, 6.13, 6.13); Calibrated: 31/08/2012

- Sensor-Surface: 3mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom- High/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.774 mW/g

Back of EUT Facing Phantom- High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.0 V/m; Power Drift = 0.034 dB

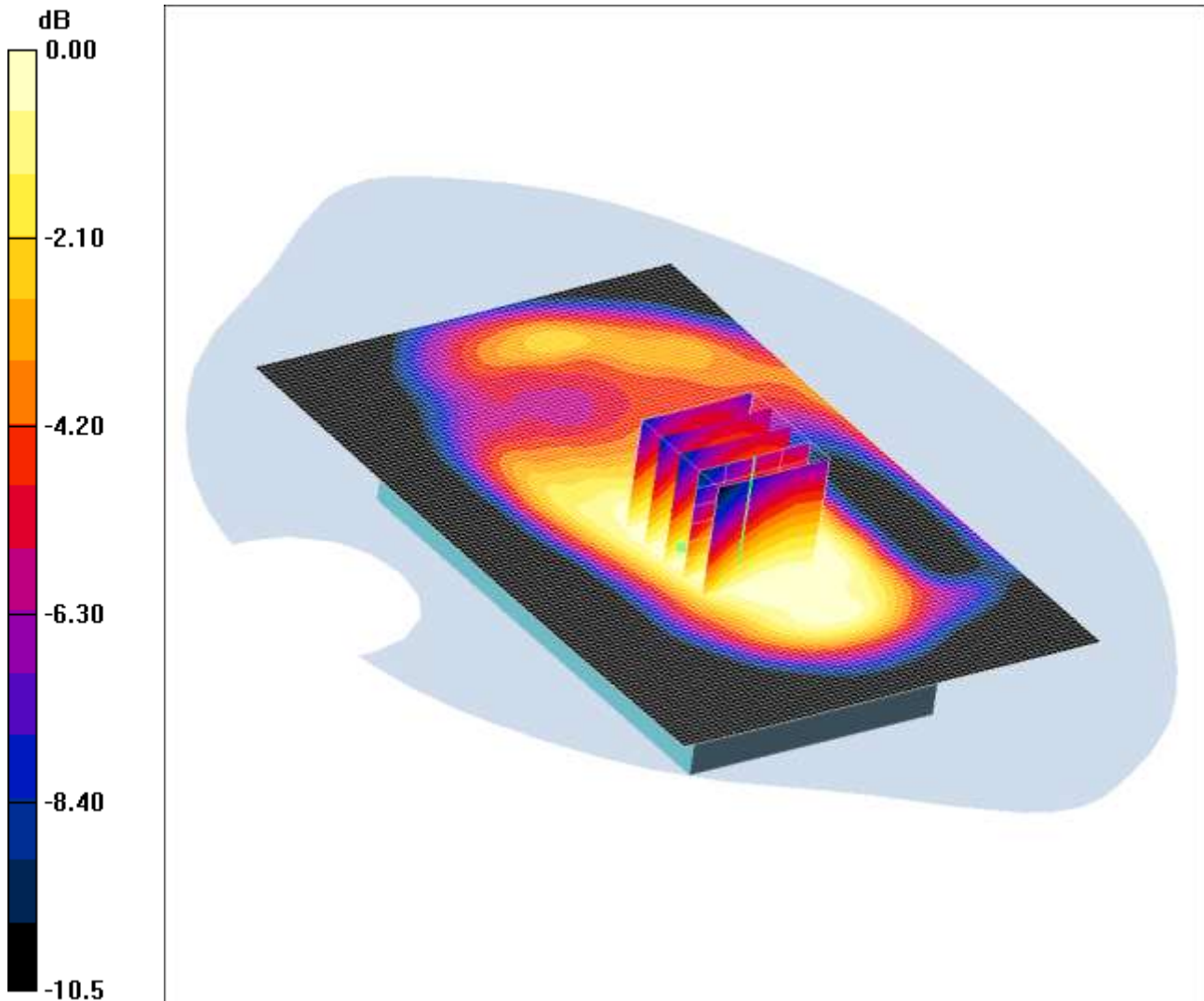
Peak SAR (extrapolated) = 0.878 W/kg

SAR(1 g) = 0.696 mW/g; SAR(10 g) = 0.524 mW/g

Maximum value of SAR (measured) = 0.767 mW/g

SCN/90574/079: Back of EUT Facing Phantom with PHF LTE Band 5 10MHz BW 1RB Middle QPSK CH20600
Date 09/01/2013

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



0 dB = 0.458mW/g

Communication System: LTE Band 5 / 10MHz; Frequency: 844 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 844$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(6.13, 6.13, 6.13); Calibrated: 31/08/2012

- Sensor-Surface: 3mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom with PHF- High/Area Scan 2 (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.492 mW/g

Back of EUT Facing Phantom with PHF- High/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0: Measurement grid:

dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.1 V/m; Power Drift = -0.033 dB

Peak SAR (extrapolated) = 0.521 W/kg

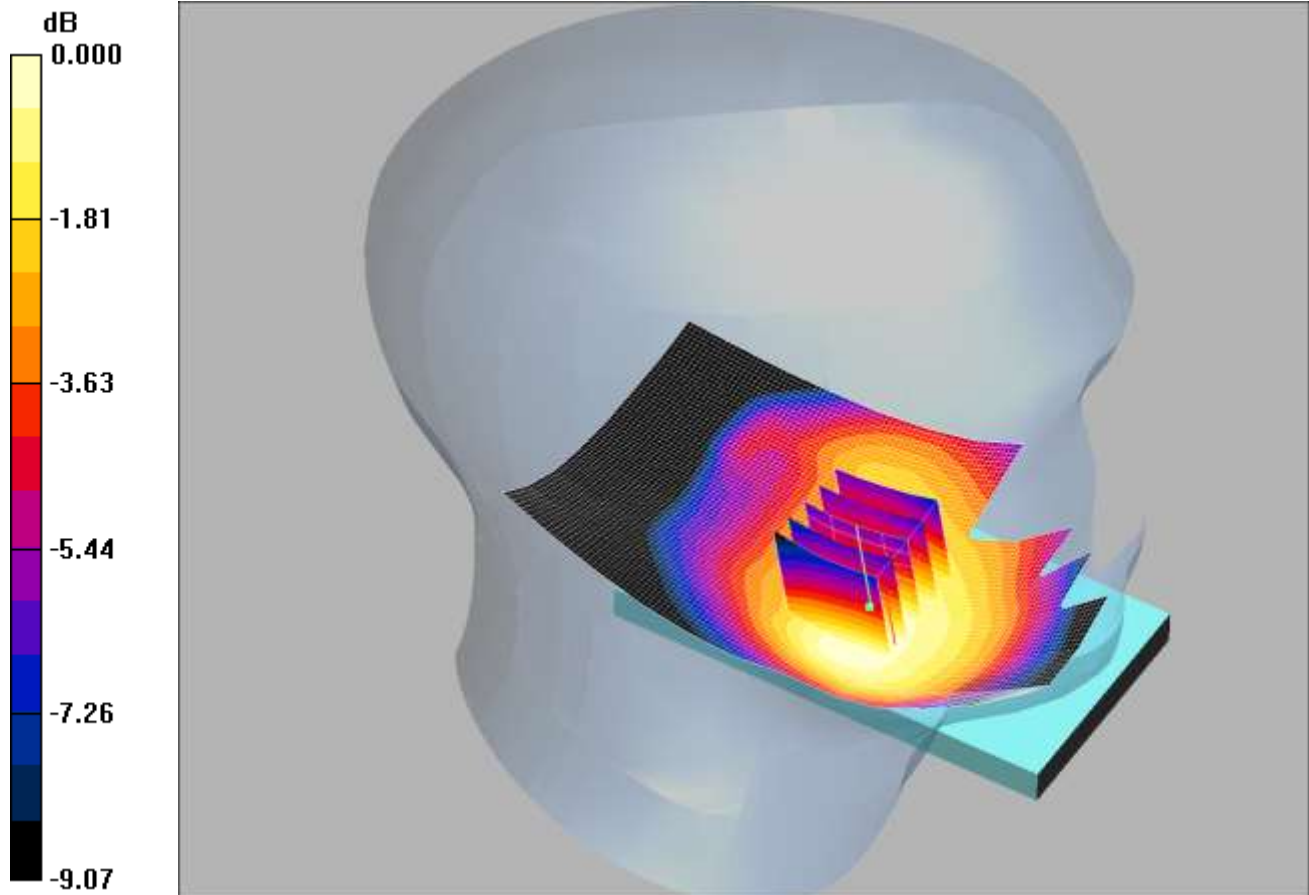
SAR(1 g) = 0.419 mW/g; SAR(10 g) = 0.328 mW/g

Maximum value of SAR (measured) = 0.458 mW/g

SCN/90574/080: Touch Left LTE Band 5 1.4MHz BW 1RB Middle CH20525

Date: 09/01/2013

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU04



0 dB = 0.220mW/g

Communication System: LTE Band 5 / 1.4MHz; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.906$ mho/m; $\epsilon_r = 40.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(6.33, 6.33, 6.33); Calibrated: 11/05/2012
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 20/09/2012
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch Left - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.224 mW/g

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

Reference Value = 6.49 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 0.281 W/kg

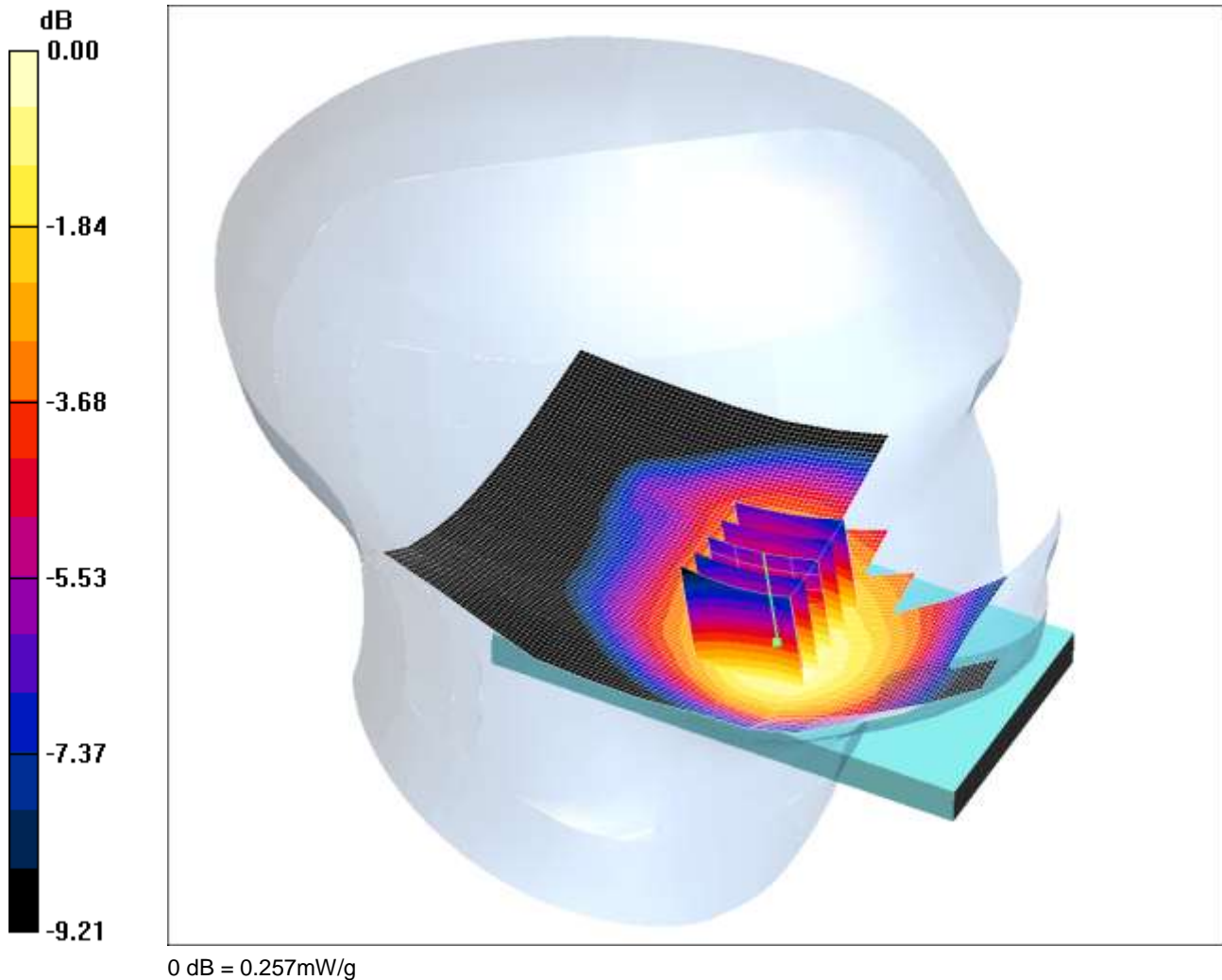
SAR(1 g) = 0.211 mW/g; SAR(10 g) = 0.158 mW/g

Maximum value of SAR (measured) = 0.220 mW/g

SCN/90574/081: Touch Left LTE Band 5 1.4MHz BW 50% RB Middle QPSK CH20525

Date: 28/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



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

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.902$ mho/m; $\epsilon_r = 42$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193

- Measurement SW: DASY52, V52.8 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 145

Touch Left - Middle/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.257 mW/g

Touch Left - Middle/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.19 V/m; Power Drift = 0.092 dB

Peak SAR (extrapolated) = 0.317 W/kg

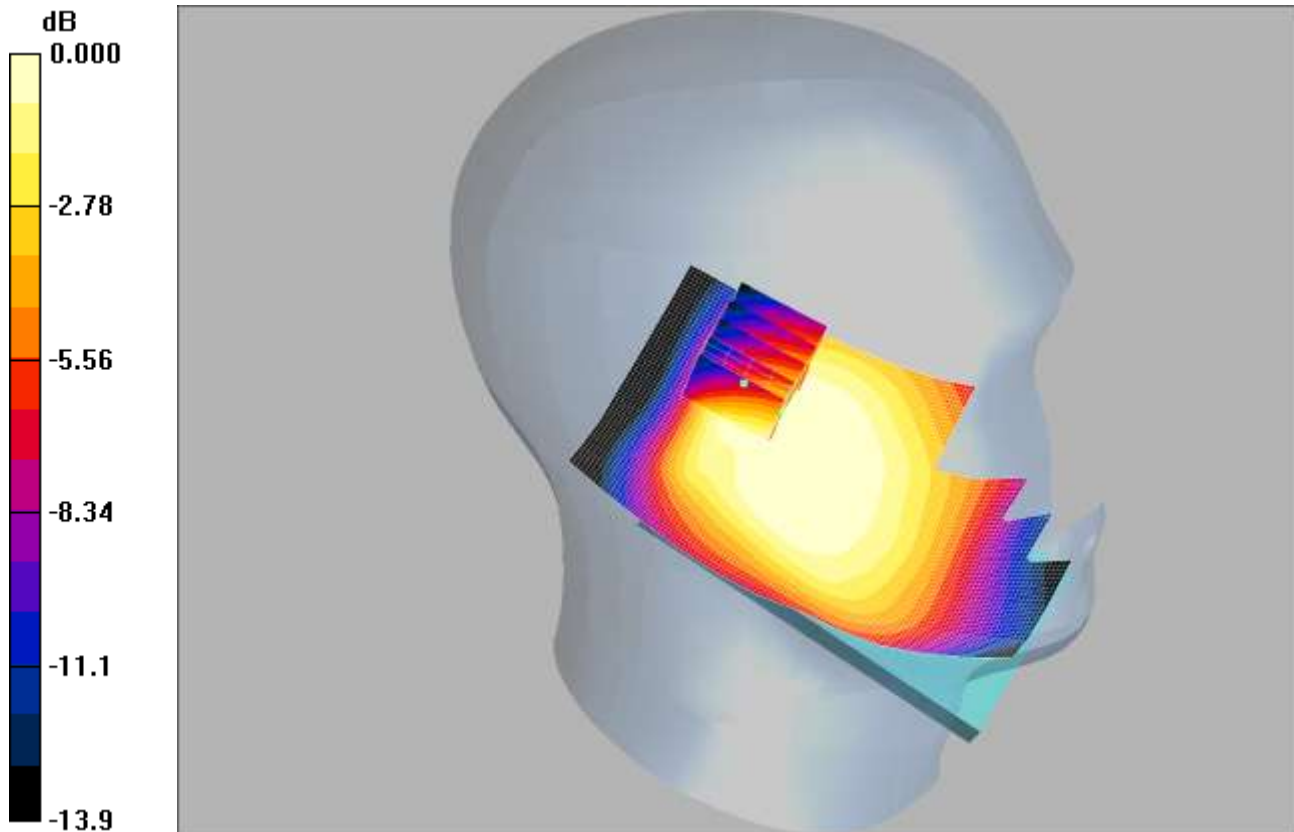
SAR(1 g) = 0.245 mW/g; SAR(10 g) = 0.181 mW/g

Maximum value of SAR (measured) = 0.257 mW/g

SCN/90574/082: Tilt Left LTE Band 5 1.4MHz BW 1RB Middle CH20525

Date: 09/01/2013

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU04



0 dB = 0.128mW/g

Communication System: LTE Band 5 / 1.4MHz; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.906$ mho/m; $\epsilon_r = 40.6$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(6.33, 6.33, 6.33); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Tilt Left - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.156 mW/g

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

Reference Value = 9.71 V/m; Power Drift = 0.006 dB

Peak SAR (extrapolated) = 0.255 W/kg

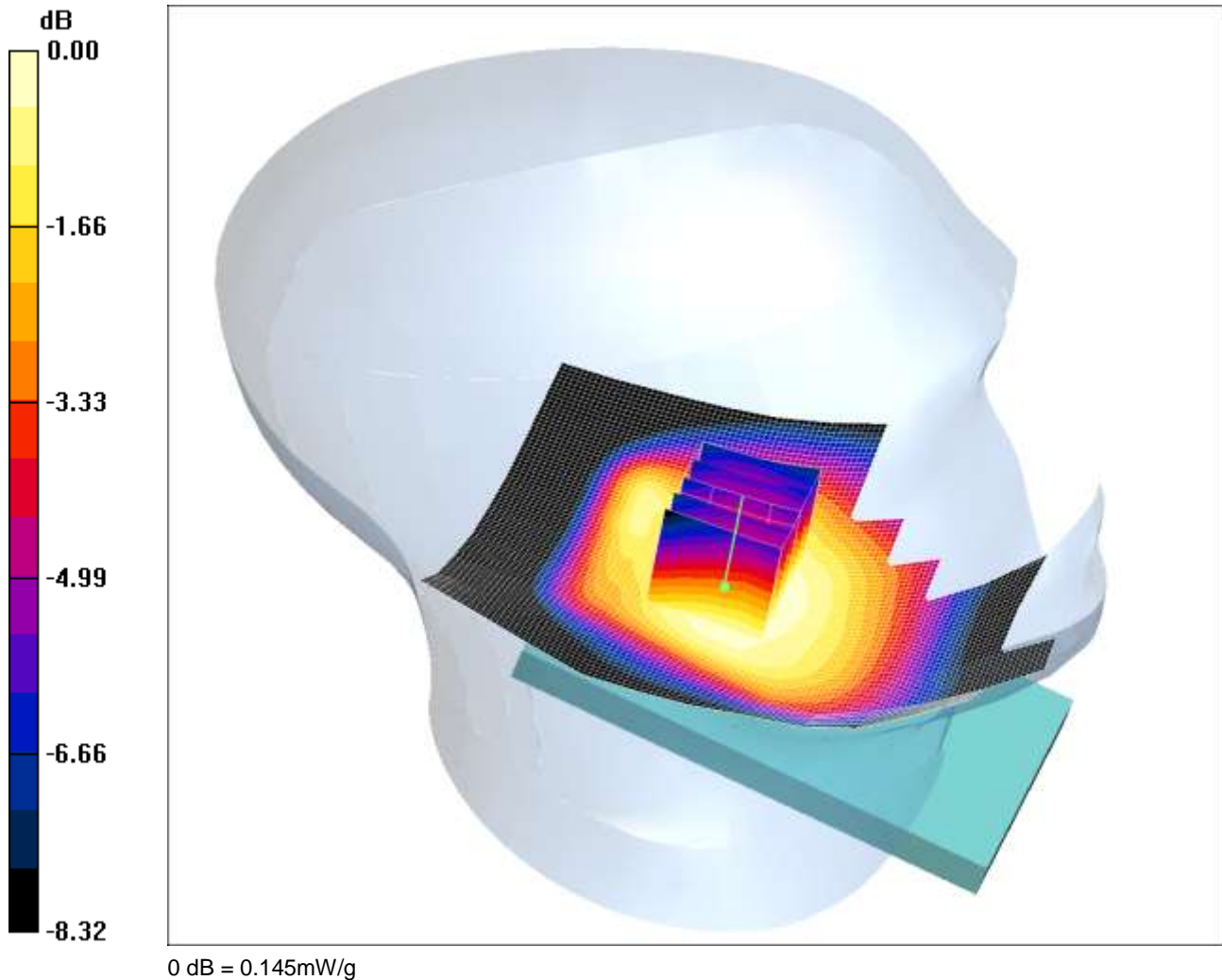
SAR(1 g) = 0.114 mW/g; SAR(10 g) = 0.081 mW/g

Maximum value of SAR (measured) = 0.128 mW/g

SCN/90574/083: Tilt Left LTE Band 5 1.4MHz BW 50% RB Middle QPSK CH20525

Date: 28/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



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

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.902$ mho/m; $\epsilon_r = 42$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193

- Measurement SW: DASY52, V52.8 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 145

Tilt Left - Middle/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.149 mW/g

Tilt Left - Middle/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.89 V/m; Power Drift = -0.205 dB

Peak SAR (extrapolated) = 0.169 W/kg

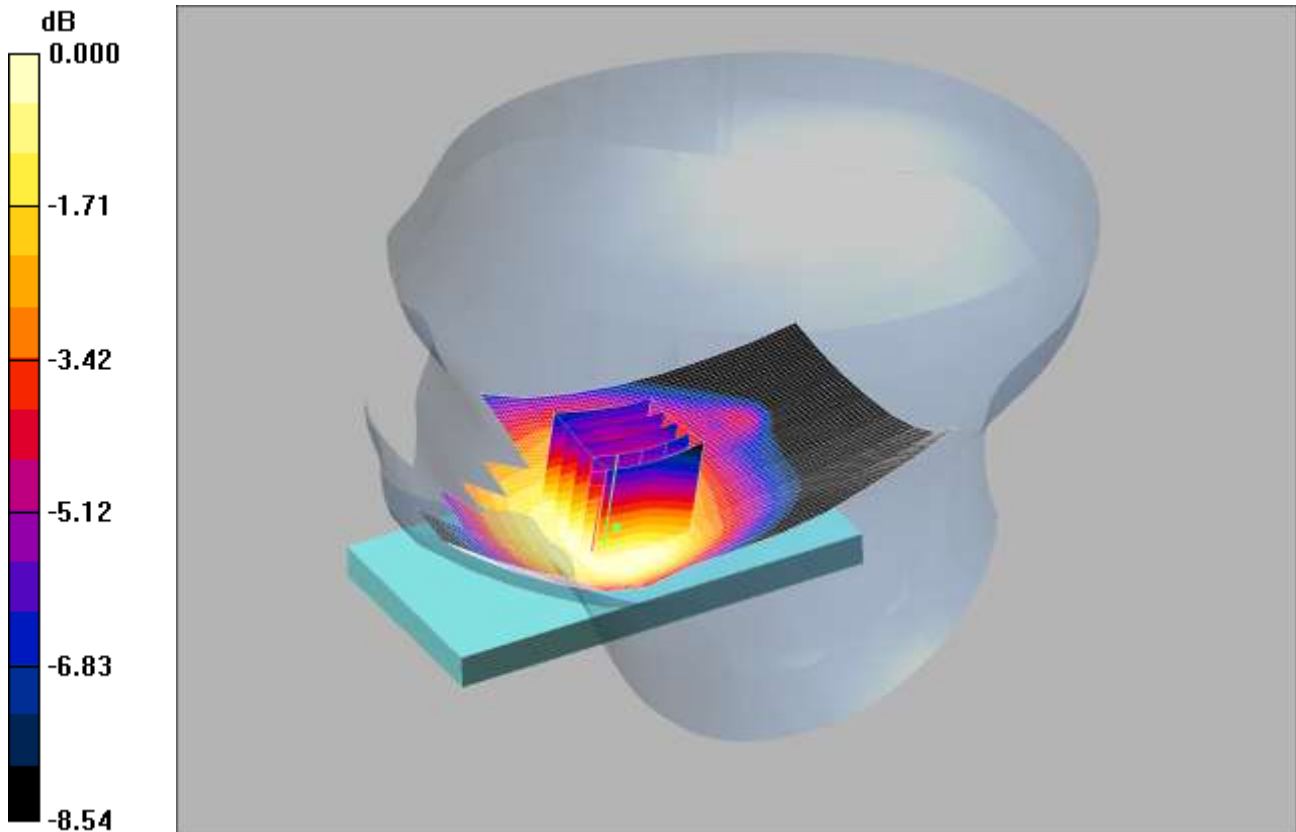
SAR(1 g) = 0.138 mW/g; SAR(10 g) = 0.108 mW/g

Maximum value of SAR (measured) = 0.145 mW/g

SCN/90574/084: Touch Right LTE Band 5 1.4MHz BW 1RB Middle CH20525

Date: 10/01/2013

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU04



0 dB = 0.208mW/g

Communication System: LTE Band 5 / 1.4MHz; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.906$ mho/m; $\epsilon_r = 40.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(6.33, 6.33, 6.33); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch Right - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.208 mW/g

Touch Right - Middle/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.44 V/m; Power Drift = 0.144 dB

Peak SAR (extrapolated) = 0.258 W/kg

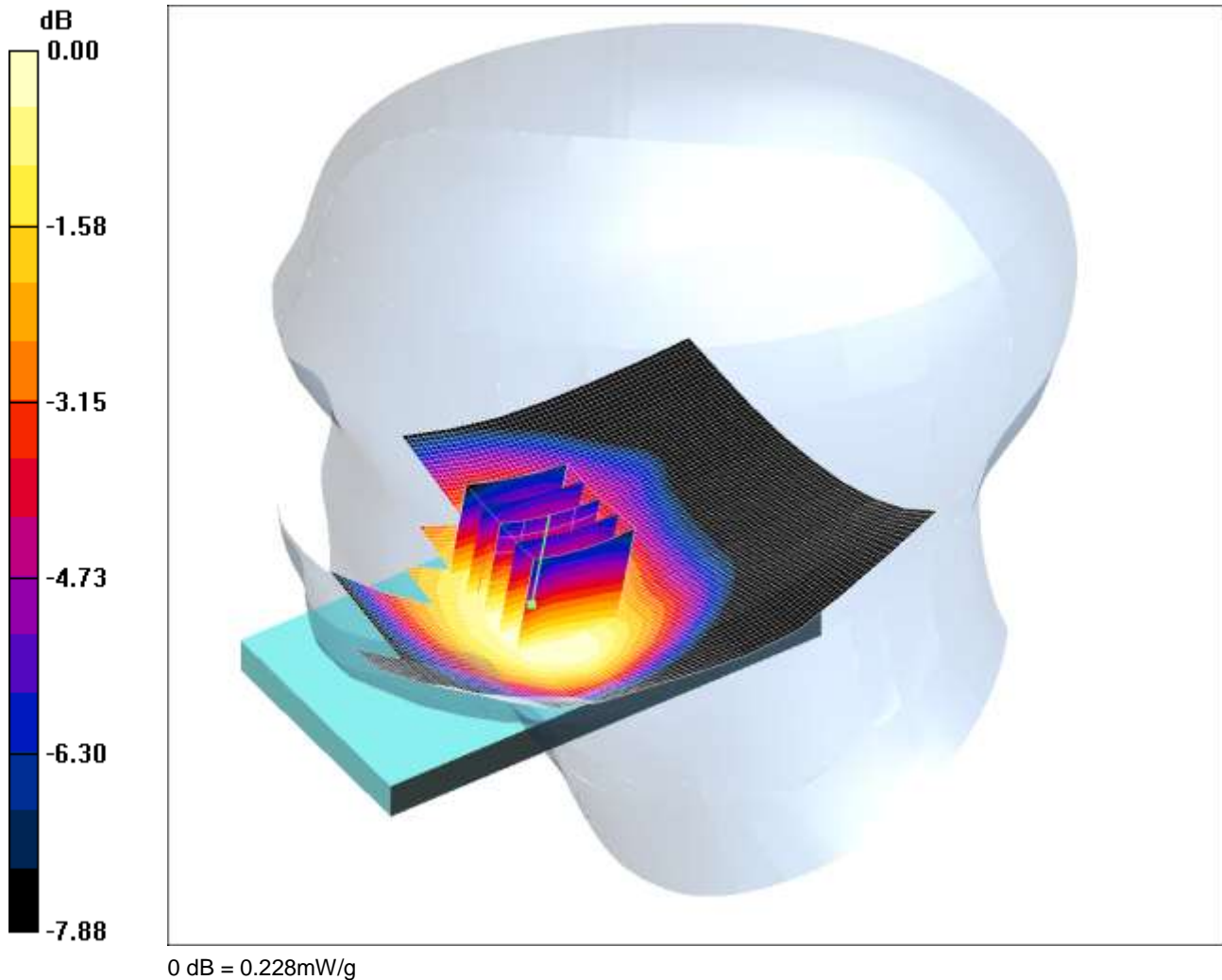
SAR(1 g) = 0.197 mW/g; SAR(10 g) = 0.153 mW/g

Maximum value of SAR (measured) = 0.208 mW/g

SCN/90574/085: Touch Right LTE Band 5 1.4MHz BW 50% RB Middle QPSK CH20525

Date: 28/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



0 dB = 0.228mW/g

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

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.902$ mho/m; $\epsilon_r = 42$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193

- Measurement SW: DASY52, V52.8 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 145

Touch Right- Middle/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.232 mW/g

Touch Right- Middle/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.41 V/m; Power Drift = 0.022 dB

Peak SAR (extrapolated) = 0.279 W/kg

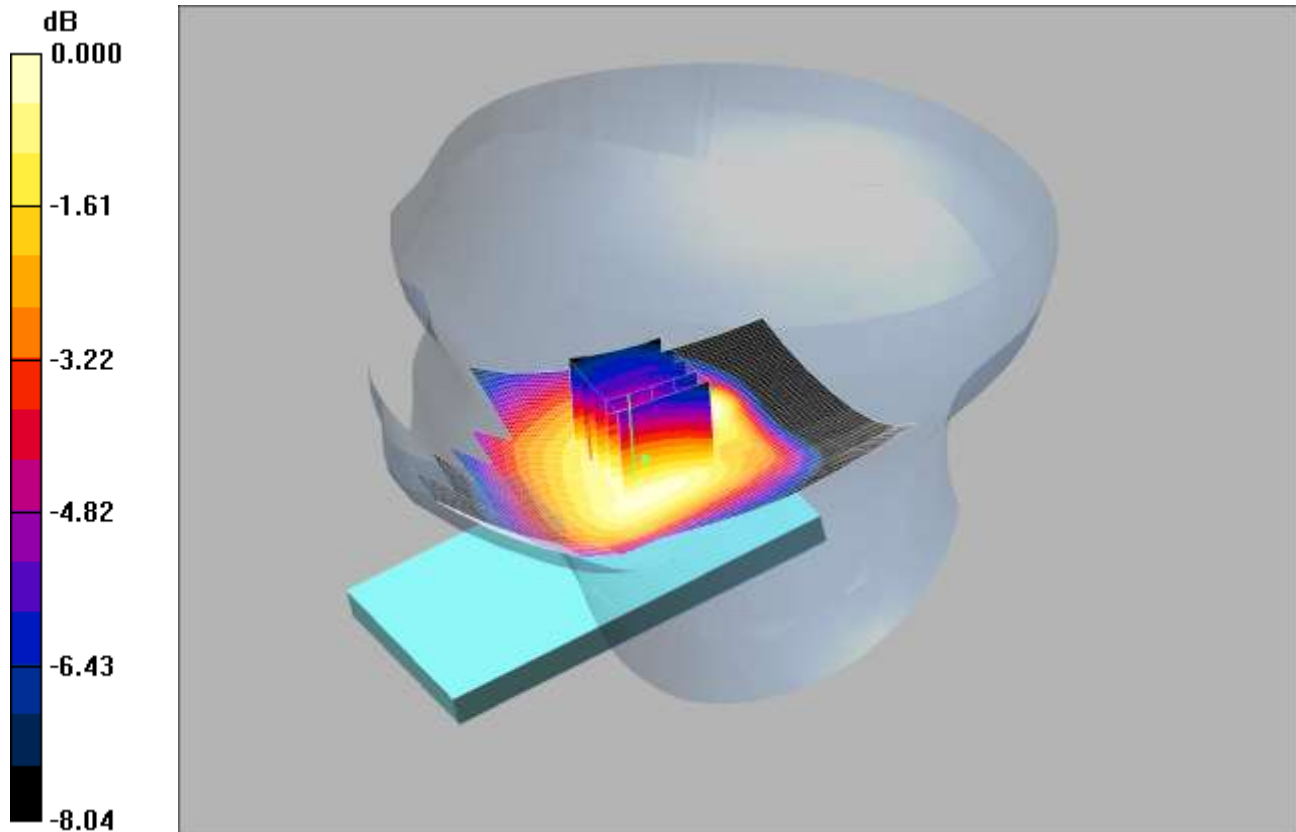
SAR(1 g) = 0.219 mW/g; SAR(10 g) = 0.168 mW/g

Maximum value of SAR (measured) = 0.228 mW/g

SCN/90574/086: Tilt Right LTE Band 5 1.4MHz BW 1RB Middle CH20525

Date: 10/01/2013

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU04



0 dB = 0.120mW/g

Communication System: LTE Band 5 / 1.4MHz; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.906$ mho/m; $\epsilon_r = 40.6$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(6.33, 6.33, 6.33); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Tilt Right - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.120 mW/g

Tilt Right - Middle/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.33 V/m; Power Drift = -0.048 dB

Peak SAR (extrapolated) = 0.136 W/kg

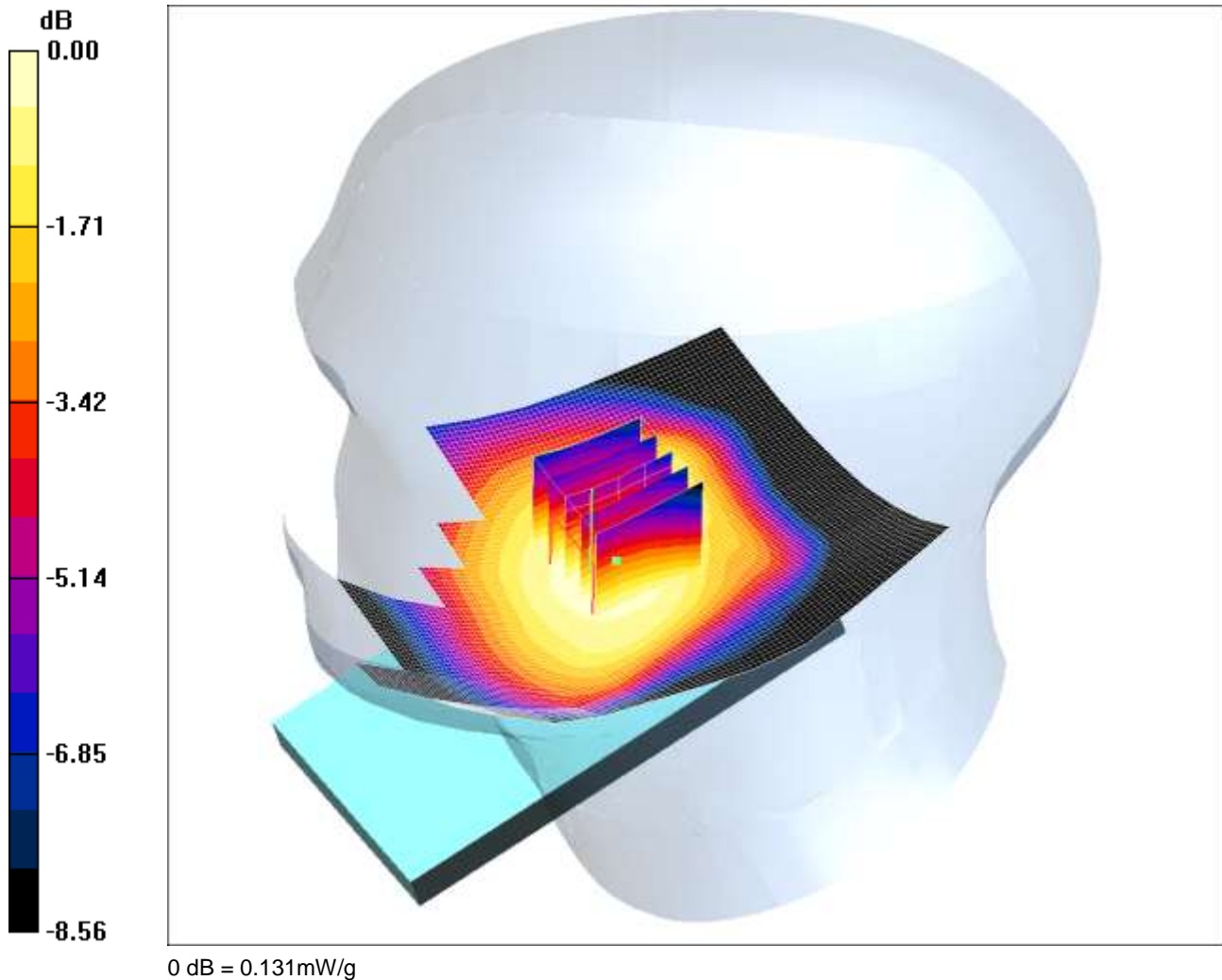
SAR(1 g) = 0.114 mW/g; SAR(10 g) = 0.089 mW/g

Maximum value of SAR (measured) = 0.120 mW/g

SCN/90574/087: Tilt Right LTE Band 5 1.4MHz BW 50% RB Middle QPSK CH20525

Date: 29/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



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

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.902$ mho/m; $\epsilon_r = 42$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(6.06, 6.06, 6.06); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193

- Measurement SW: DASY52, V52.8 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 145

Tilt Right- Middle/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.132 mW/g

Tilt Right- Middle/Zoom Scan 2 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.81 V/m; Power Drift = -0.072 dB

Peak SAR (extrapolated) = 0.153 W/kg

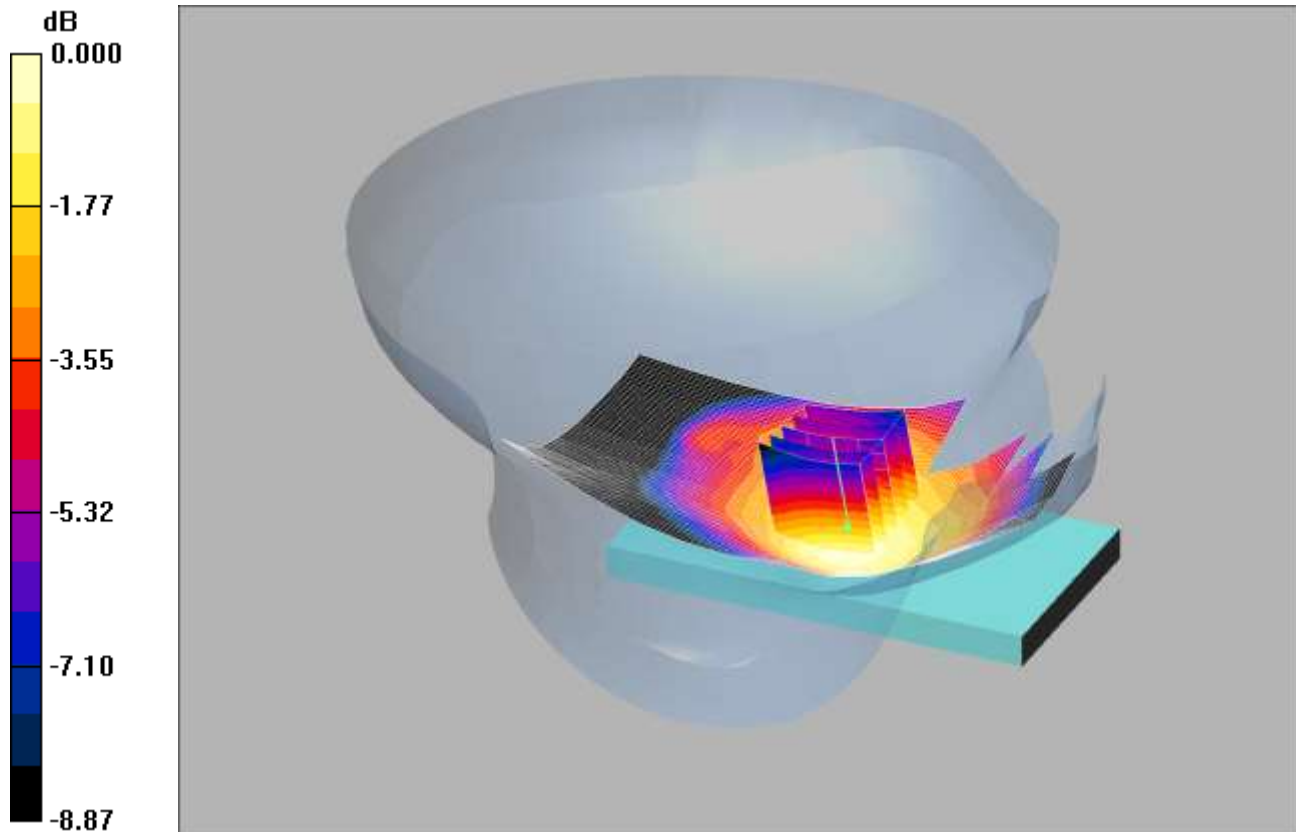
SAR(1 g) = 0.127 mW/g; SAR(10 g) = 0.100 mW/g

Maximum value of SAR (measured) = 0.131 mW/g

SCN/90574/088: Touch Left LTE Band 5 1.4MHz BW 50% RB Middle CH20407

Date: 10/01/2013

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU04



0 dB = 0.195mW/g

Communication System: LTE Band 5 / 1.4MHz; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 824.7$ MHz; $\sigma = 0.898$ mho/m; $\epsilon_r = 40.7$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(6.33, 6.33, 6.33); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch Left - Low/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.193 mW/g

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

Reference Value = 6.50 V/m; Power Drift = -0.065 dB

Peak SAR (extrapolated) = 0.250 W/kg

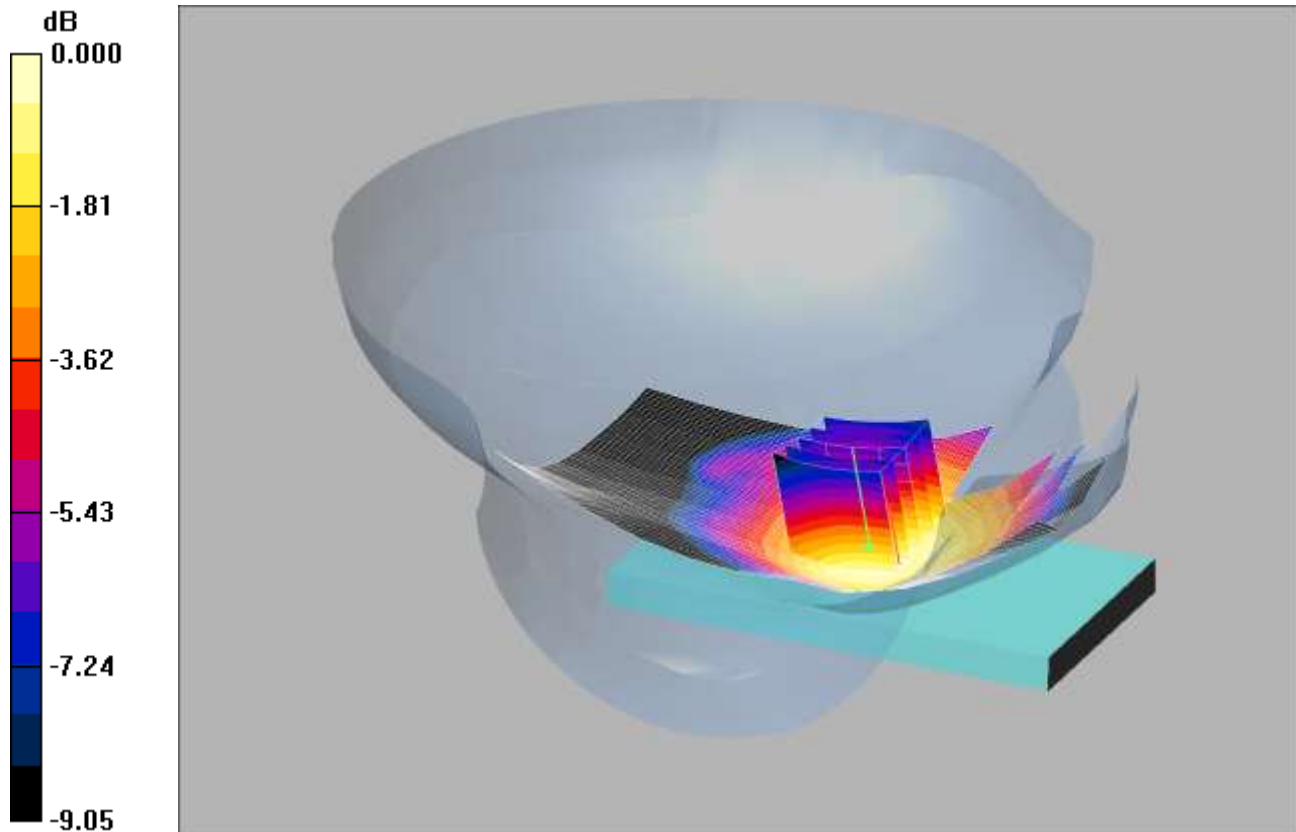
SAR(1 g) = 0.184 mW/g; SAR(10 g) = 0.137 mW/g

Maximum value of SAR (measured) = 0.195 mW/g

SCN/90574/089: Touch Left LTE Band 5 1.4MHz BW 50% RB Middle CH20643

Date: 10/01/2013

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU04



0 dB = 0.307mW/g

Communication System: LTE Band 5 / 1.4MHz; Frequency: 848.3 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used (interpolated): $f = 848.3 \text{ MHz}$; $\sigma = 0.913 \text{ mho/m}$; $\epsilon_r = 40.6$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Left Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(6.33, 6.33, 6.33); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

Touch Left - High/Area Scan (71x121x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.304 mW/g

Touch Left - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 6.08 V/m; Power Drift = 0.027 dB

Peak SAR (extrapolated) = 0.390 W/kg

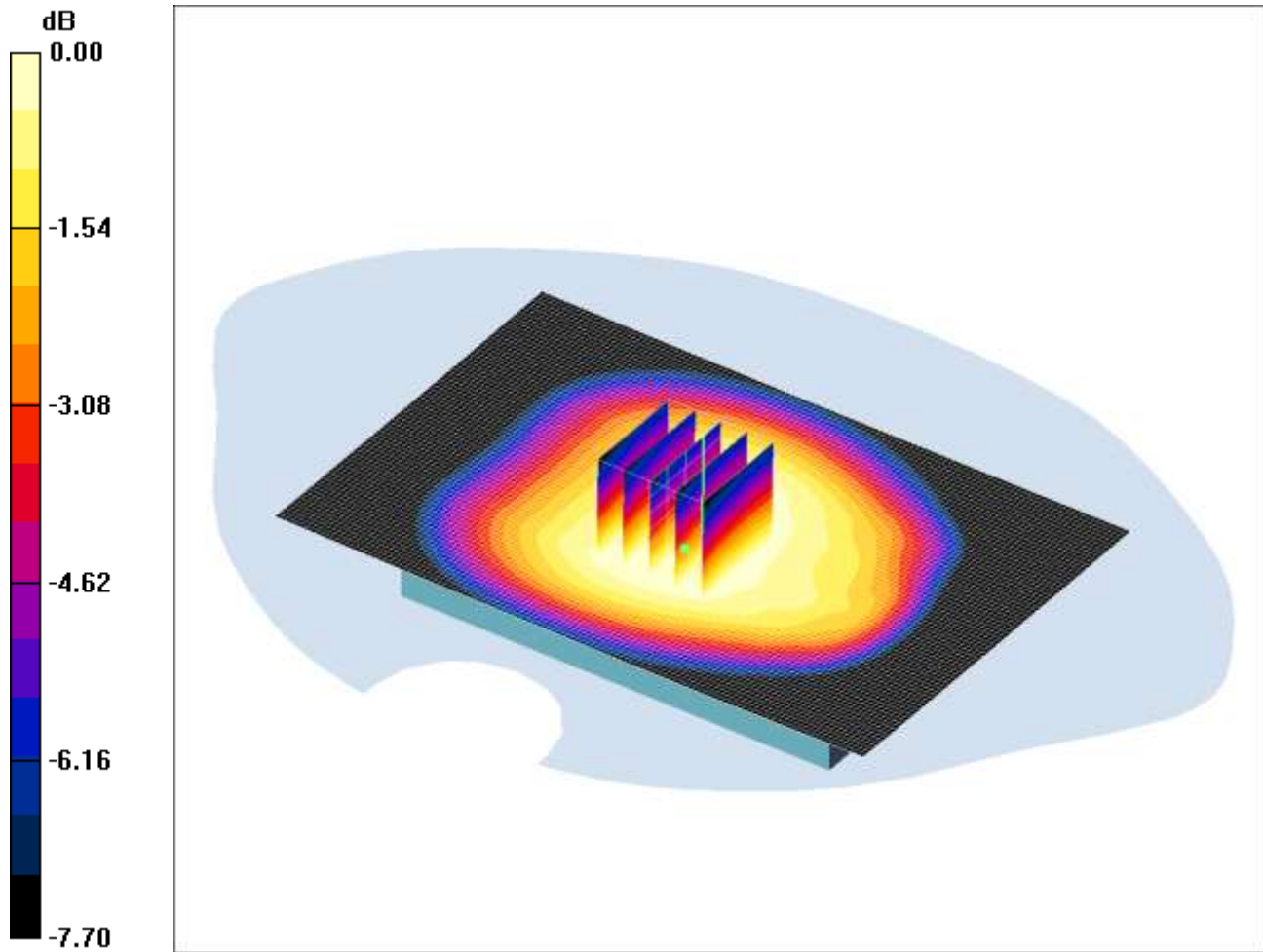
SAR(1 g) = 0.292 mW/g; SAR(10 g) = 0.216 mW/g

Maximum value of SAR (measured) = 0.307 mW/g

SCN/90574/090: Front of EUT Facing Phantom LTE Band 5 1.4MHz BW 1RB Middle QPSK CH20525

Date: 09/01/2013

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



0 dB = 0.330mW/g

Communication System: LTE Band 5 / 1.4MHz; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(6.13, 6.13, 6.13); Calibrated: 31/08/2012

- Sensor-Surface: 3mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Front of EUT Facing Phantom- Middle/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.330 mW/g

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

Reference Value = 18.7 V/m; Power Drift = -0.077 dB

Peak SAR (extrapolated) = 0.377 W/kg

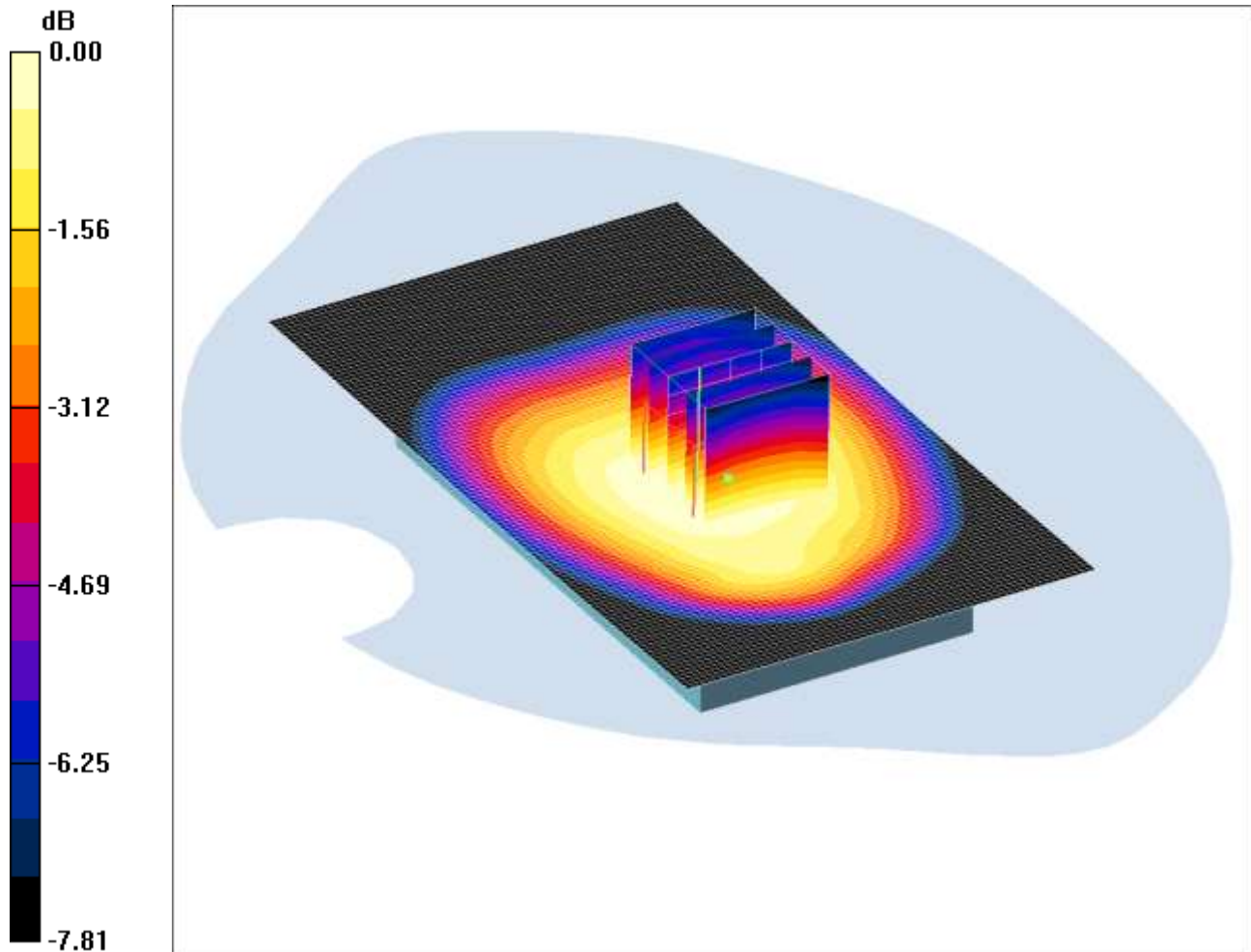
SAR(1 g) = 0.302 mW/g; SAR(10 g) = 0.235 mW/g

Maximum value of SAR (measured) = 0.330 mW/g

SCN/90574/091: Front of EUT Facing Phantom LTE Band 5 1.4MHz BW 50% RB QPSK CH20525

Date: 22/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



0 dB = 0.334mW/g

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

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.959$ mho/m; $\epsilon_r = 56.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx

- Measurement SW: DASY52, V52.8 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 145

Front of EUT Facing Phantom - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.333 mW/g

Front of EUT Facing Phantom - Middle/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.0 V/m; Power Drift = -0.025 dB

Peak SAR (extrapolated) = 0.384 W/kg

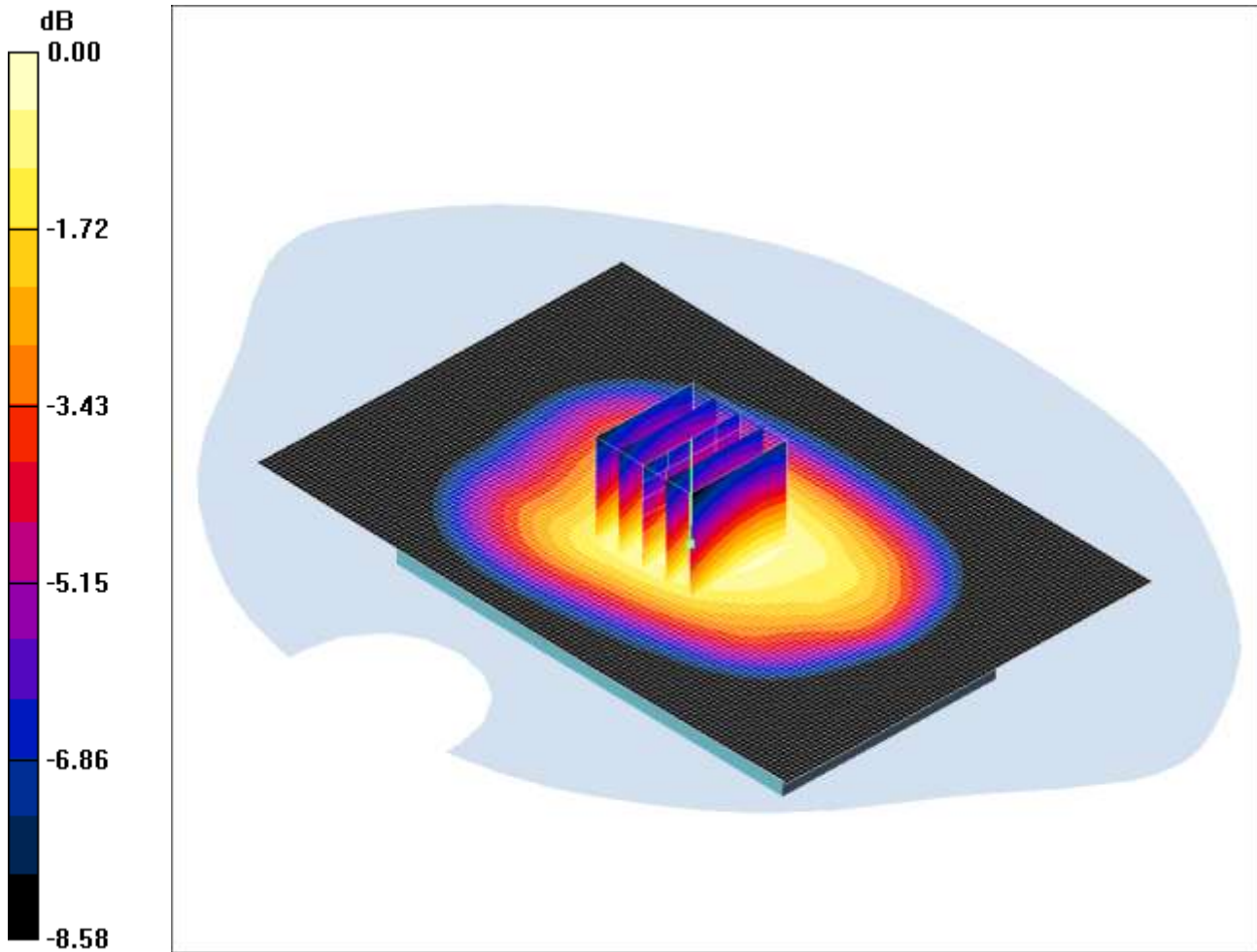
SAR(1 g) = 0.319 mW/g; SAR(10 g) = 0.248 mW/g

Maximum value of SAR (measured) = 0.334 mW/g

SCN/90574/092: Back of EUT Facing Phantom LTE Band 5 1.4MHz BW 1RB Middle QPSK CH20525

Date: 09/01/2013

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



0 dB = 0.693mW/g

Communication System: LTE Band 5 / 1.4MHz; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(6.13, 6.13, 6.13); Calibrated: 31/08/2012

- Sensor-Surface: 3mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom- Middle/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.692 mW/g

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

Reference Value = 26.5 V/m; Power Drift = 0.012 dB

Peak SAR (extrapolated) = 0.797 W/kg

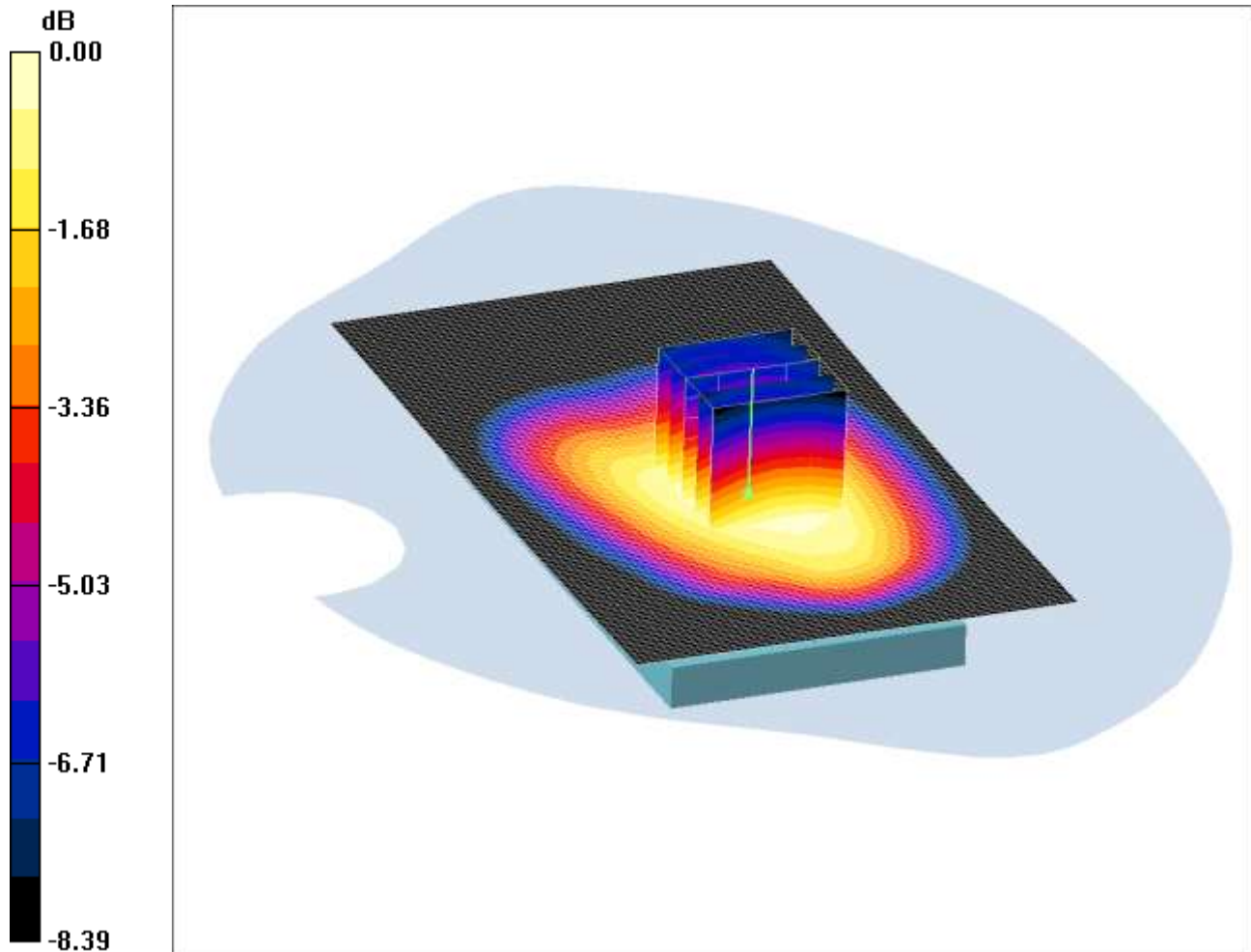
SAR(1 g) = 0.632 mW/g; SAR(10 g) = 0.476 mW/g

Maximum value of SAR (measured) = 0.693 mW/g

SCN/90574/093: Back of EUT Facing Phantom LTE Band 5 1.4MHz BW 50% RB QPSK CH20525

Date: 22/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



0 dB = 0.570mW/g

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

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.959$ mho/m; $\epsilon_r = 56.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx

- Measurement SW: DASY52, V52.8 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.561 mW/g

Back of EUT Facing Phantom - Middle/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.9 V/m; Power Drift = 0.078 dB

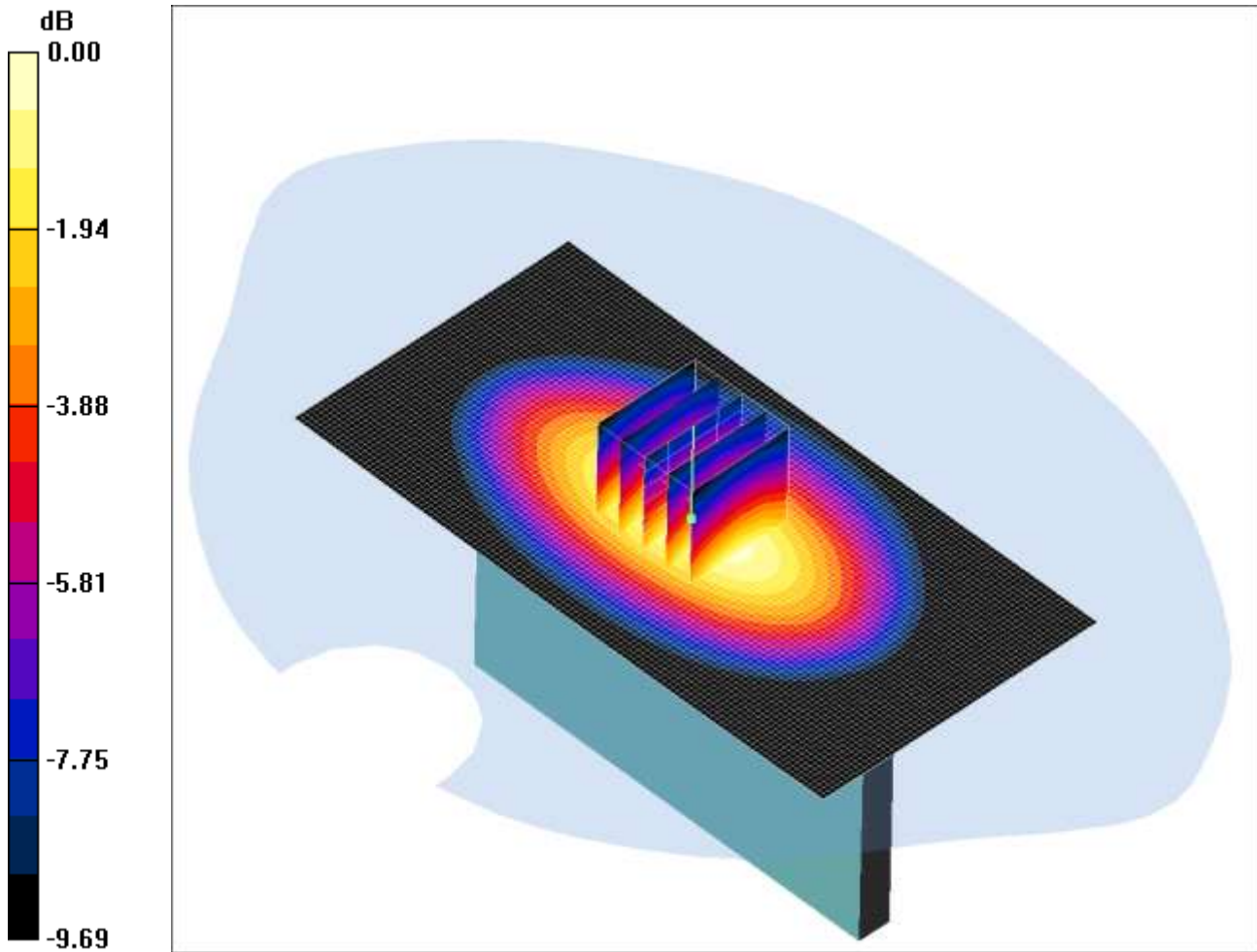
Peak SAR (extrapolated) = 0.663 W/kg

SAR(1 g) = 0.541 mW/g; SAR(10 g) = 0.410 mW/g

Maximum value of SAR (measured) = 0.570 mW/g

SCN/90574/094: Left Hand Side of EUT Facing Phantom LTE Band 5 1.4MHz BW 1RB Middle QPSK CH20525
Date: 09/01/2013

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



0 dB = 0.538mW/g

Communication System: LTE Band 5 / 1.4MHz; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(6.13, 6.13, 6.13); Calibrated: 31/08/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Left Hand Side of EUT Facing Phantom- Middle/Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.526 mW/g

Left Hand Side of EUT Facing Phantom- Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:

dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.8 V/m; Power Drift = -0.018 dB

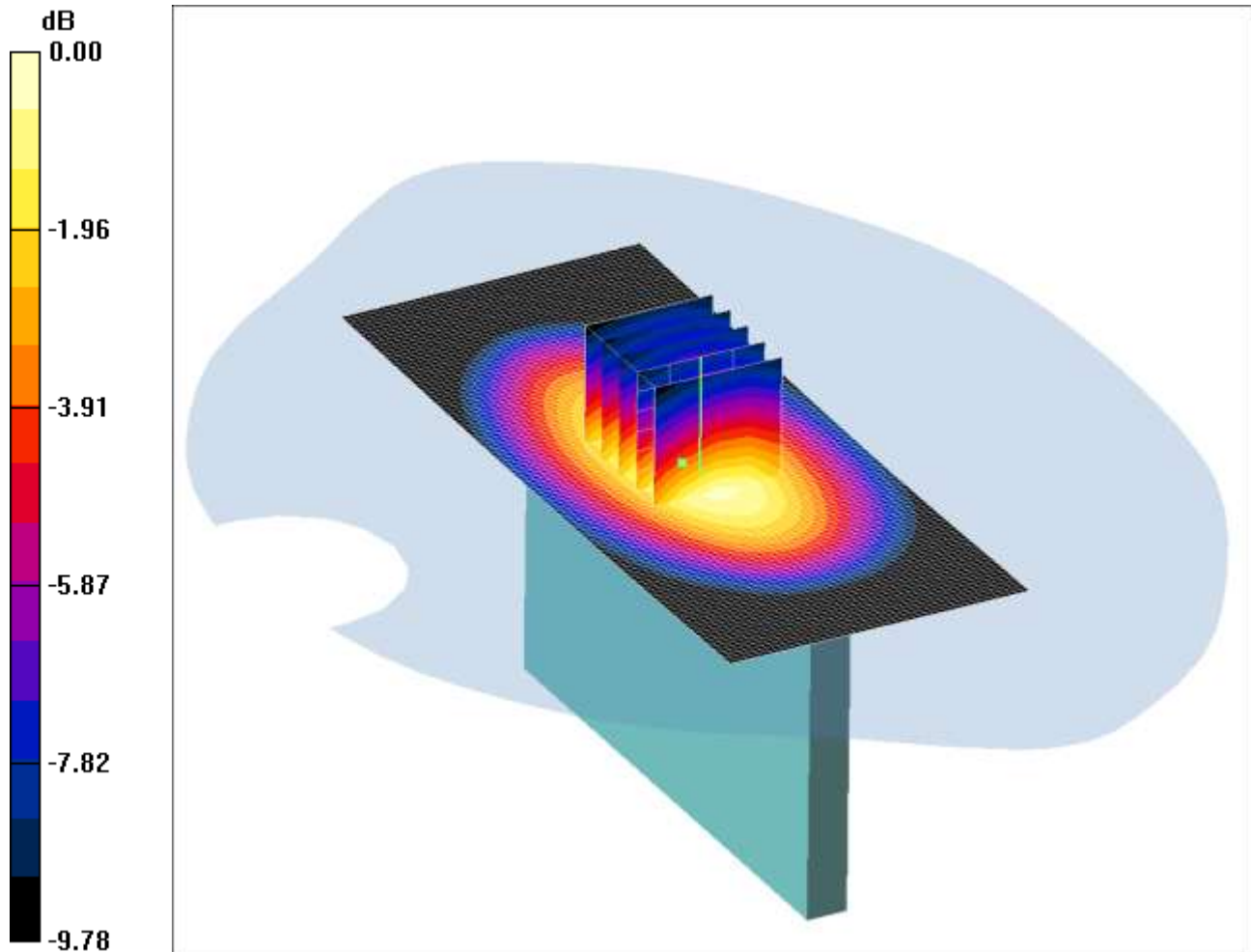
Peak SAR (extrapolated) = 0.655 W/kg

SAR(1 g) = 0.466 mW/g; SAR(10 g) = 0.318 mW/g

Maximum value of SAR (measured) = 0.538 mW/g

SCN/90574/095: Left Hand Side of EUT Facing Phantom LTE Band 5 1.4MHz BW 50% RB QPSK CH20525
Date: 23/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



0 dB = 0.343mW/g

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

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.959$ mho/m; $\epsilon_r = 56.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx

- Measurement SW: DASY52, V52.8 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 145

Left Hand Side of EUT Facing Phantom - Middle/Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.333 mW/g

Left Hand Side of EUT Facing Phantom - Middle/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.2 V/m; Power Drift = 0.056 dB

Peak SAR (extrapolated) = 0.438 W/kg

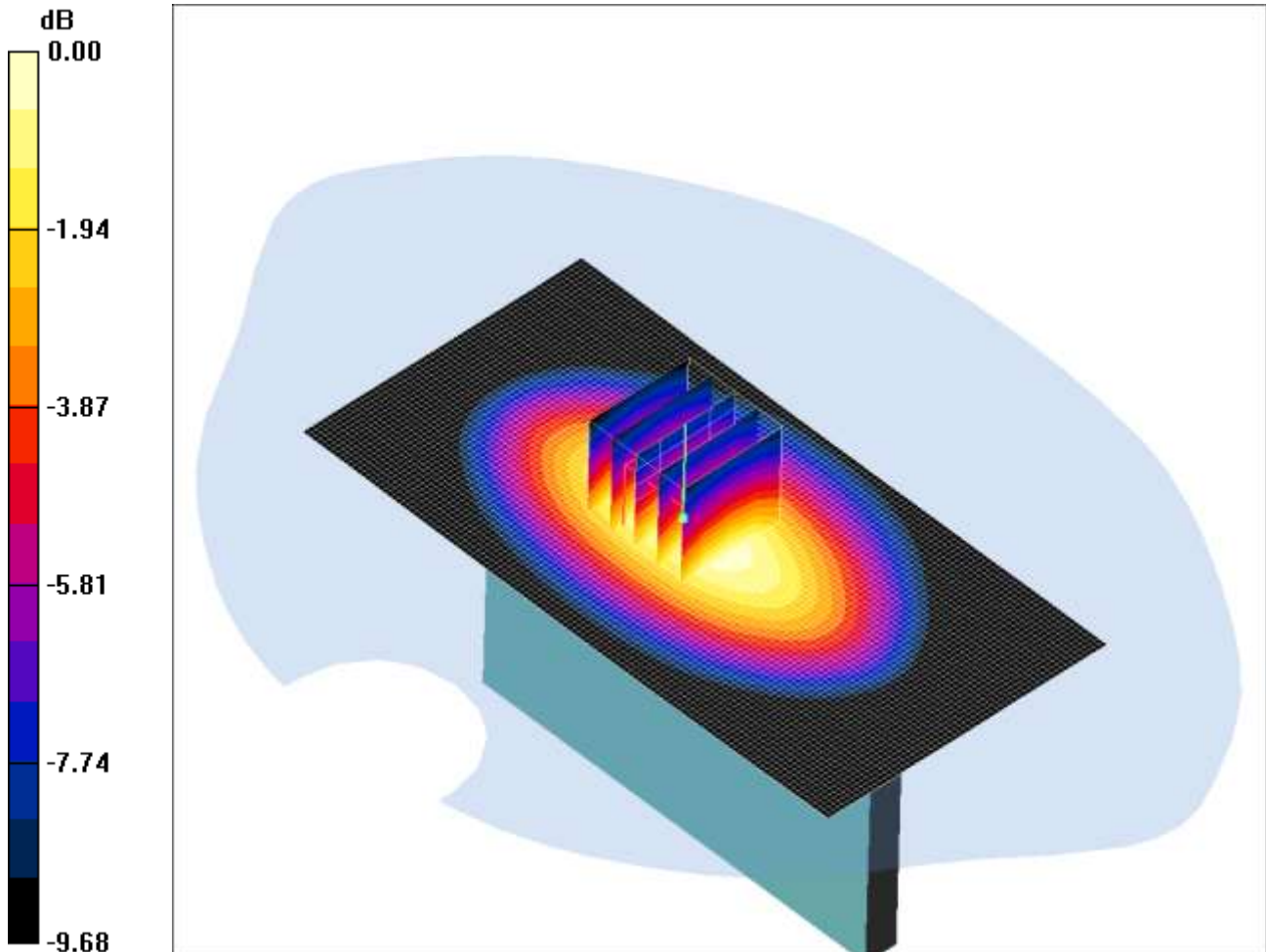
SAR(1 g) = 0.320 mW/g; SAR(10 g) = 0.220 mW/g

Maximum value of SAR (measured) = 0.343 mW/g

SCN/90574/096: Right Hand Side of EUT Facing Phantom LTE Band 5 1.4 MHz BW 1RB Middle QPSK
CH20525

Date: 09/01/2013

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



0 dB = 0.530mW/g

Communication System: LTE Band 5 / 1.4MHz; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 1$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(6.13, 6.13, 6.13); Calibrated: 31/08/2012

- Sensor-Surface: 3mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Right Hand Side of EUT Facing Phantom- Middle/Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.529 mW/g

Right Hand Side of EUT Facing Phantom- Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid:

dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.9 V/m; Power Drift = -0.027 dB

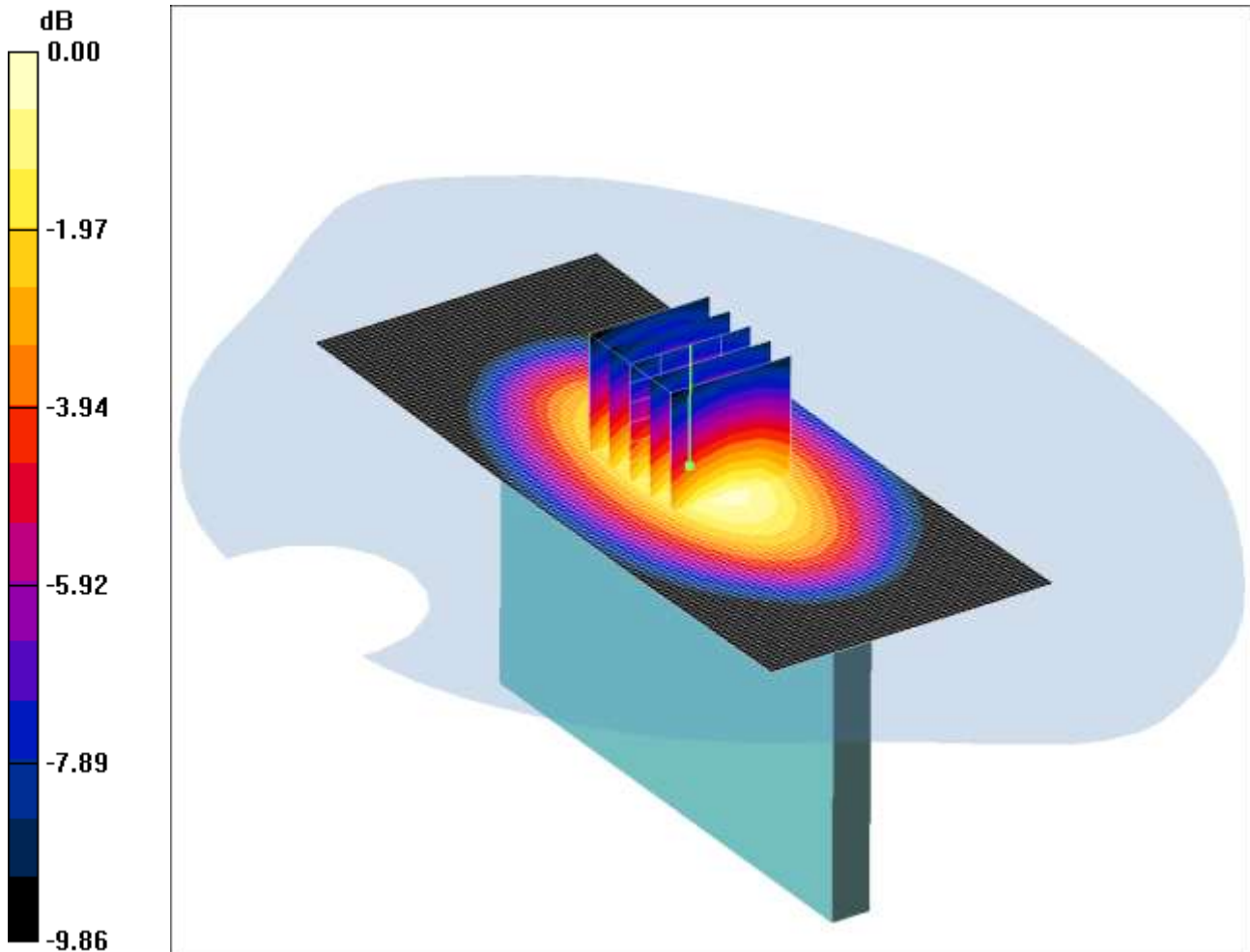
Peak SAR (extrapolated) = 0.654 W/kg

SAR(1 g) = 0.465 mW/g; SAR(10 g) = 0.320 mW/g

Maximum value of SAR (measured) = 0.530 mW/g

SCN/90574/097: Right Hand Side of EUT Facing Phantom LTE Band 5 1.4MHz BW 50% RB QPSK CH20525
Date: 23/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



0 dB = 0.336mW/g

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

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.959$ mho/m; $\epsilon_r = 56.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx

- Measurement SW: DASY52, V52.8 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 145

Right Hand Side of EUT Facing Phantom - Middle/Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.334 mW/g

Right Hand Side of EUT Facing Phantom - Middle/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid:

dx=8mm, dy=8mm, dz=5mm

Reference Value = 19.4 V/m; Power Drift = 0.023 dB

Peak SAR (extrapolated) = 0.426 W/kg

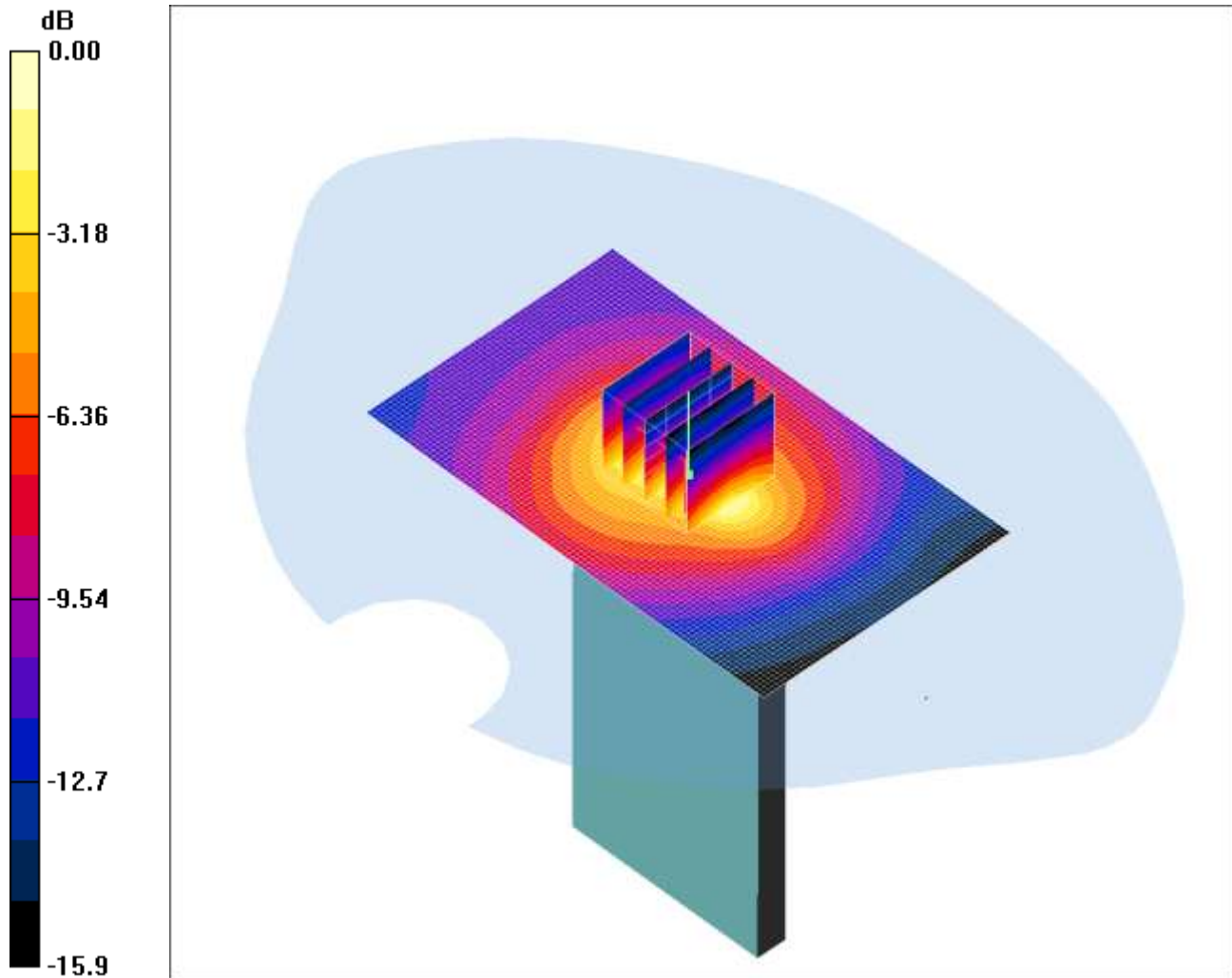
SAR(1 g) = 0.311 mW/g; SAR(10 g) = 0.214 mW/g

Maximum value of SAR (measured) = 0.336 mW/g

SCN/90574/098: Bottom of EUT Facing Phantom LTE Band 5 1.4MHz BW 1RB Middle QPSK CH20525

Date: 09/01/2013

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



0 dB = 0.087mW/g

Communication System: LTE Band 5 / 1.4MHz; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5 \text{ MHz}$; $\sigma = 1 \text{ mho/m}$; $\epsilon_r = 53$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(6.13, 6.13, 6.13); Calibrated: 31/08/2012

- Sensor-Surface: 3mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Bottom of EUT Facing Phantom- Middle/Area Scan (61x101x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Bottom of EUT Facing Phantom- Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 9.66 V/m; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 0.144 W/kg

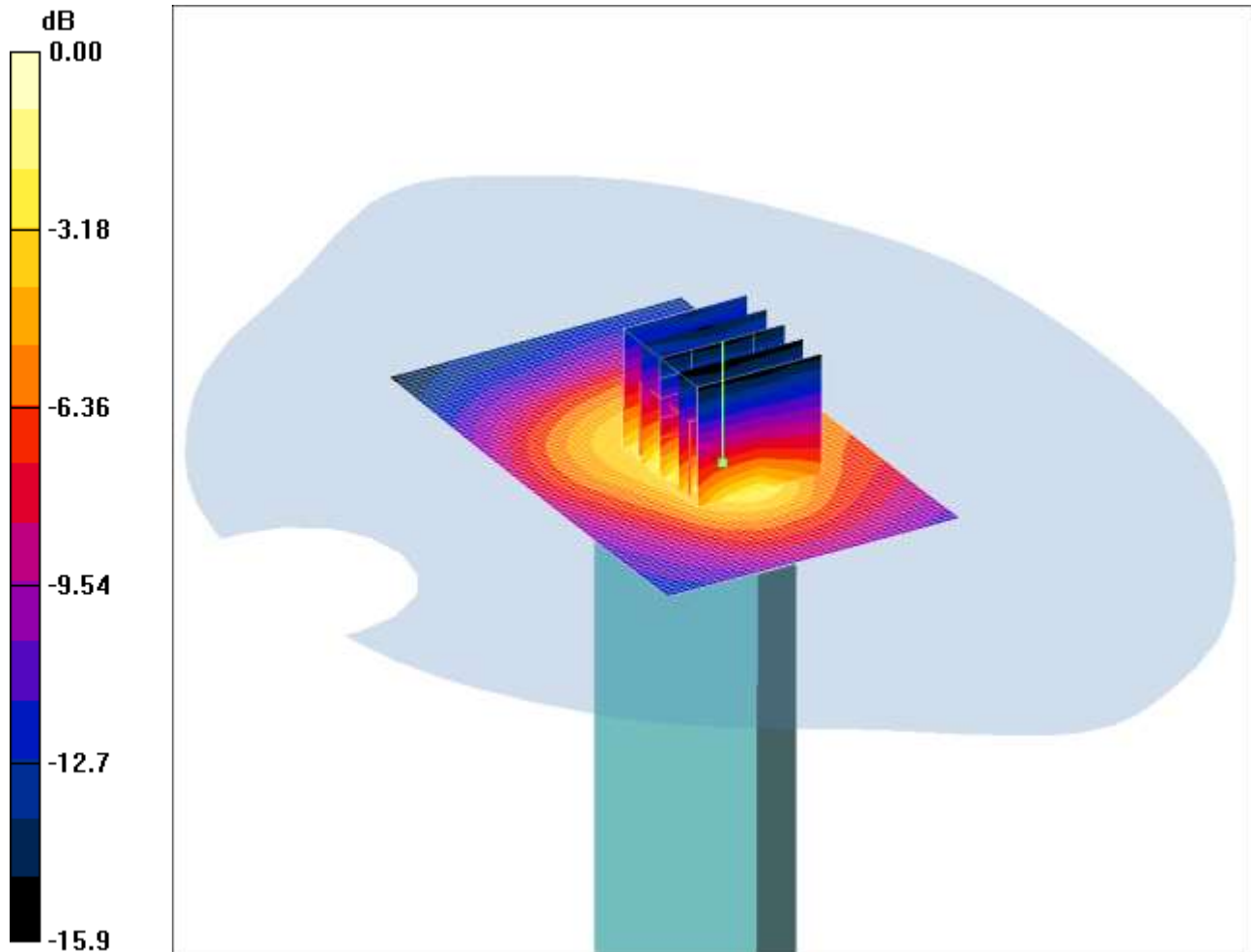
SAR(1 g) = 0.066 mW/g; SAR(10 g) = 0.035 mW/g

Maximum value of SAR (measured) = 0.087 mW/g

SCN/90574/099: Bottom of EUT Facing Phantom LTE Band 5 1.4MHz BW 50% RB QPSK CH20525

Date: 23/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



0 dB = 0.089mW/g

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

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.959$ mho/m; $\epsilon_r = 56.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.99, 5.99, 5.99); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx

- Measurement SW: DASY52, V52.8 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 145

Bottom of EUT Facing Phantom - Middle/Area Scan (51x81x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Bottom of EUT Facing Phantom - Middle/Zoom Scan 2 (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm

Reference Value = 9.97 V/m; Power Drift = -0.057 dB

Peak SAR (extrapolated) = 0.208 W/kg

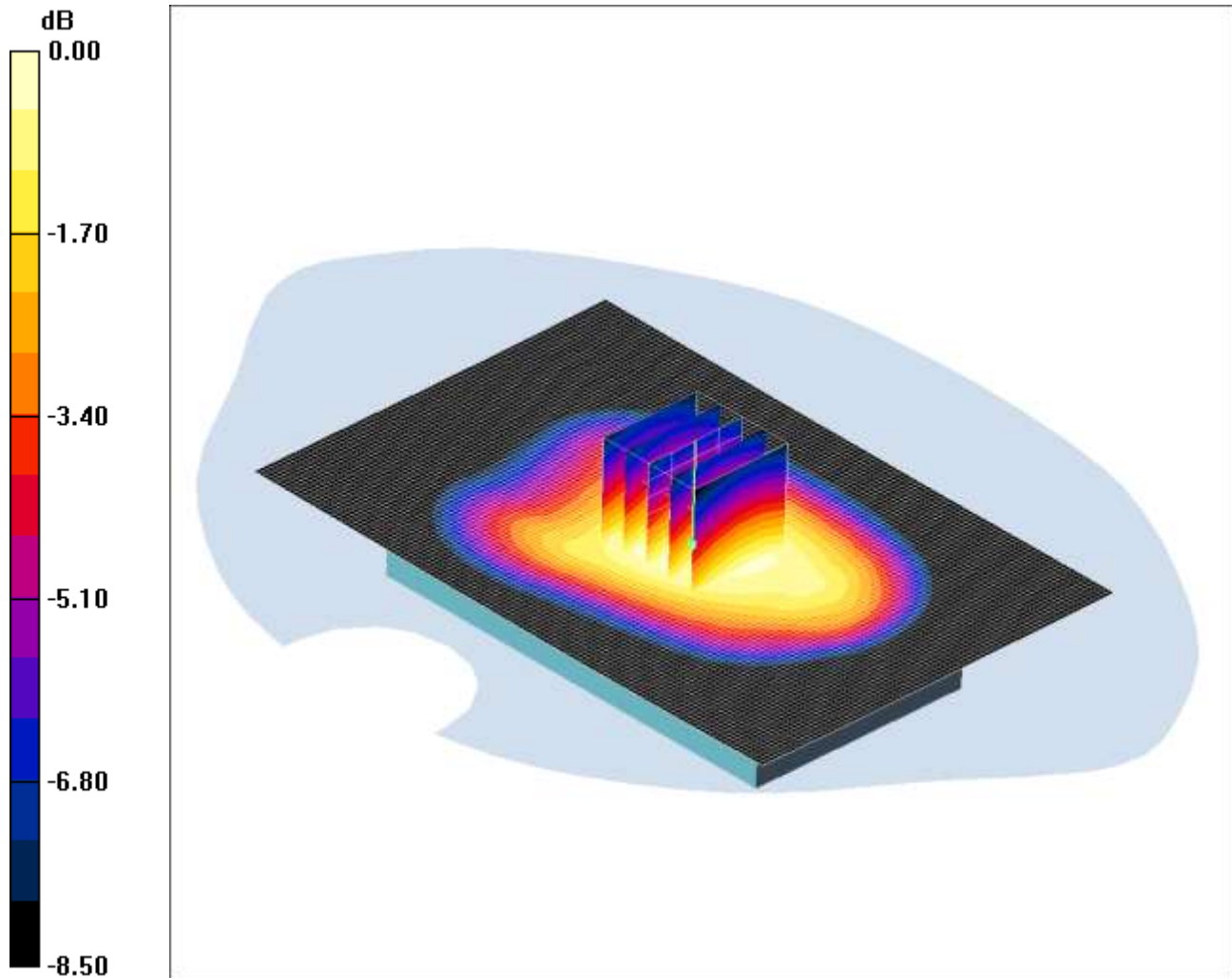
SAR(1 g) = 0.082 mW/g; SAR(10 g) = 0.041 mW/g

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

SCN/90574/100: Back of EUT Facing Phantom LTE Band 5 1.4MHz BW 1RB Middle QPSK CH20407

Date: 09/01/2013

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



0 dB = 0.678mW/g

Communication System: LTE Band 5 / 1.4MHz; Frequency: 824.7 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 824.7$ MHz; $\sigma = 0.994$ mho/m; $\epsilon_r = 53$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(6.13, 6.13, 6.13); Calibrated: 31/08/2012

- Sensor-Surface: 3mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom- Low/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.675 mW/g

Back of EUT Facing Phantom- Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.9 V/m; Power Drift = 0.056 dB

Peak SAR (extrapolated) = 0.781 W/kg

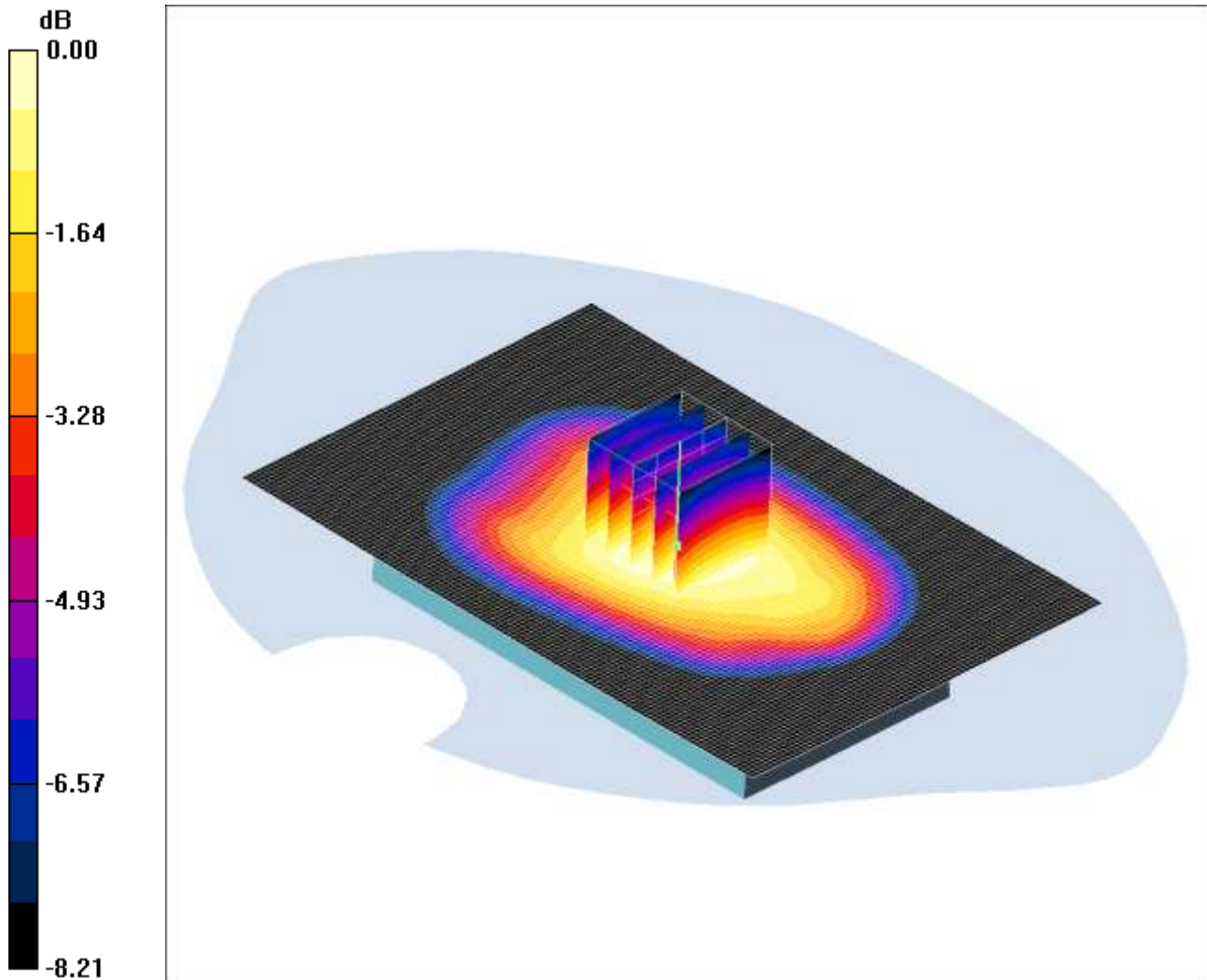
SAR(1 g) = 0.616 mW/g; SAR(10 g) = 0.461 mW/g

Maximum value of SAR (measured) = 0.678 mW/g

SCN/90574/101: Back of EUT Facing Phantom LTE Band 5 1.4MHz BW 1RB Middle QPSK CH20643

Date: 09/01/2013

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



0 dB = 0.707mW/g

Communication System: LTE Band 5 / 1.4MHz; Frequency: 848.3 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 848.3$ MHz; $\sigma = 1.01$ mho/m; $\epsilon_r = 52.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(6.13, 6.13, 6.13); Calibrated: 31/08/2012

- Sensor-Surface: 3mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom- High/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.709 mW/g

Back of EUT Facing Phantom- High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 27.2 V/m; Power Drift = 0.00 dB

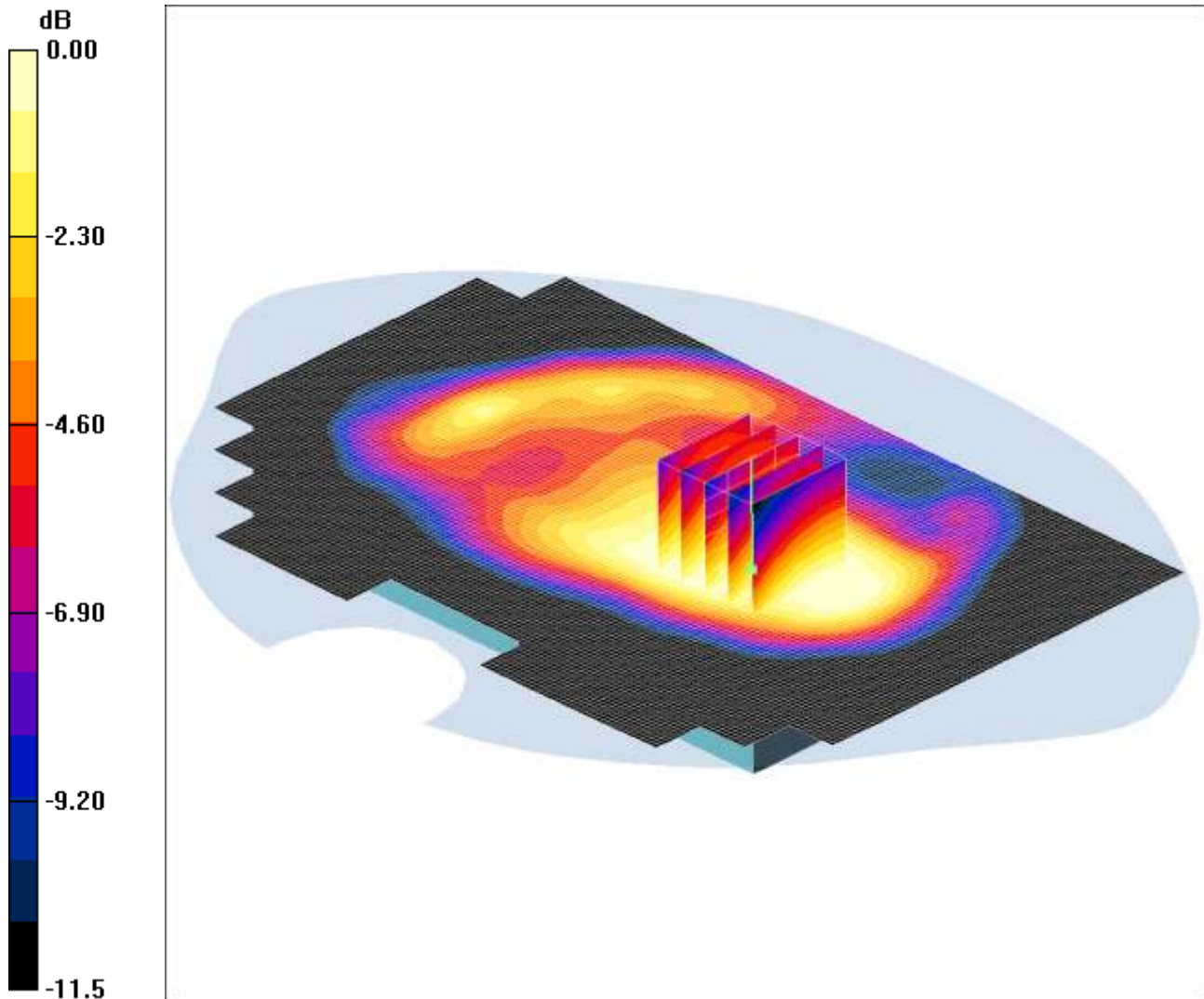
Peak SAR (extrapolated) = 0.809 W/kg

SAR(1 g) = 0.646 mW/g; SAR(10 g) = 0.488 mW/g

Maximum value of SAR (measured) = 0.707 mW/g

SCN/90574/102: Back of EUT Facing Phantom with PHF LTE Band 5 1.4MHz BW 1RB Middle QPSK CH20643
Date: 09/01/2013

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TTZN



0 dB = 0.463mW/g

Communication System: LTE Band 5 / 1.4MHz; Frequency: 848.3 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used (interpolated): $f = 848.3 \text{ MHz}$; $\sigma = 1.01 \text{ mho/m}$; $\epsilon_r = 52.9$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(6.13, 6.13, 6.13); Calibrated: 31/08/2012

- Sensor-Surface: 3mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom with PHF - High/Area Scan (101x151x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Maximum value of SAR (interpolated) = 0.482 mW/g

Back of EUT Facing Phantom with PHF - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 19.0 V/m; Power Drift = 0.156 dB

Peak SAR (extrapolated) = 0.536 W/kg

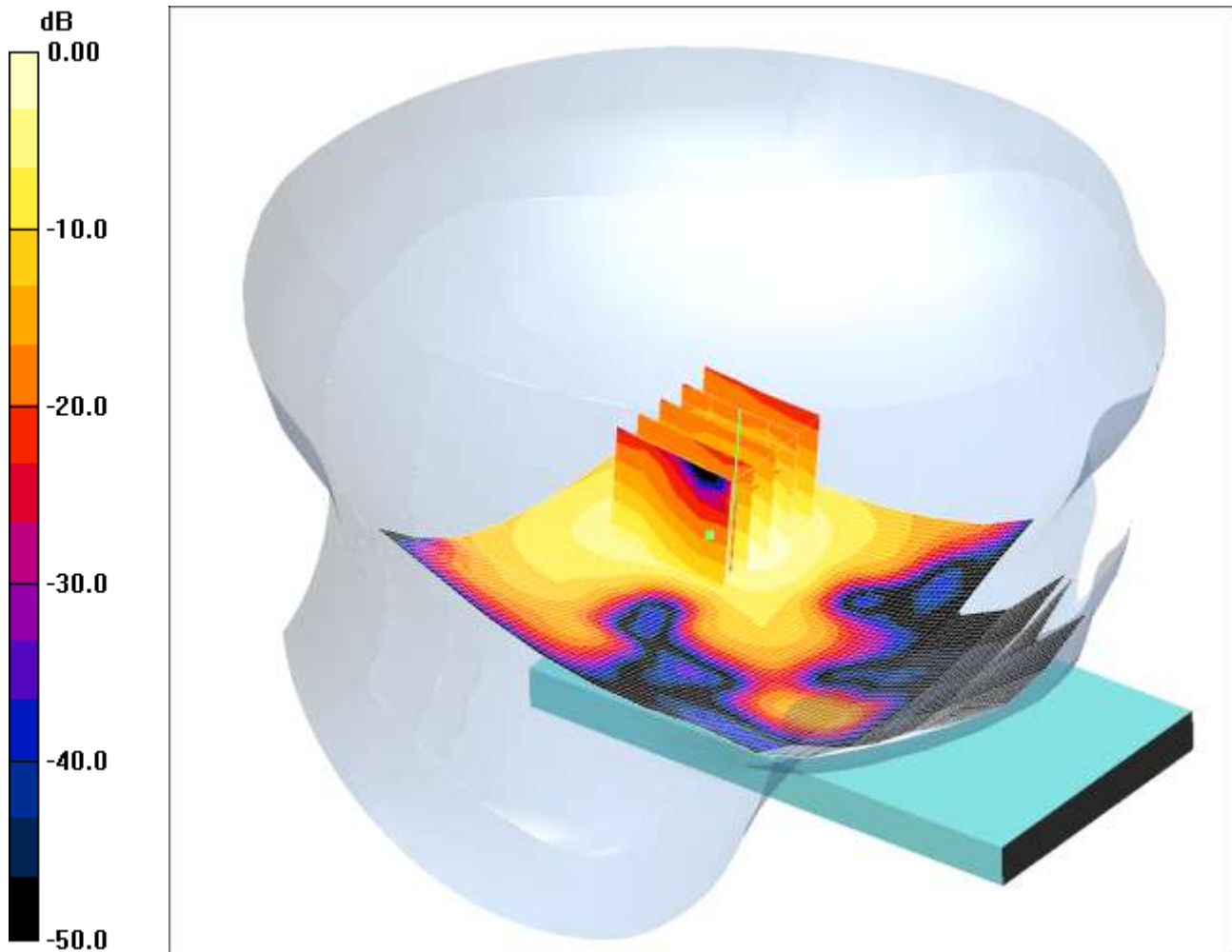
SAR(1 g) = 0.424 mW/g; SAR(10 g) = 0.329 mW/g

Maximum value of SAR (measured) = 0.463 mW/g

SCN/90574/1103: Touch Left 802.11b 1Mbps CH6

Date/Time: 21/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU6L



0 dB = 0.123mW/g

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

Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.86$ mho/m; $\epsilon_r = 38.9$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.59, 4.59, 4.59); Calibrated: 31/08/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Touch Left - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.124 mW/g

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

Reference Value = 3.42 V/m; Power Drift = 0.063 dB

Peak SAR (extrapolated) = 0.217 W/kg

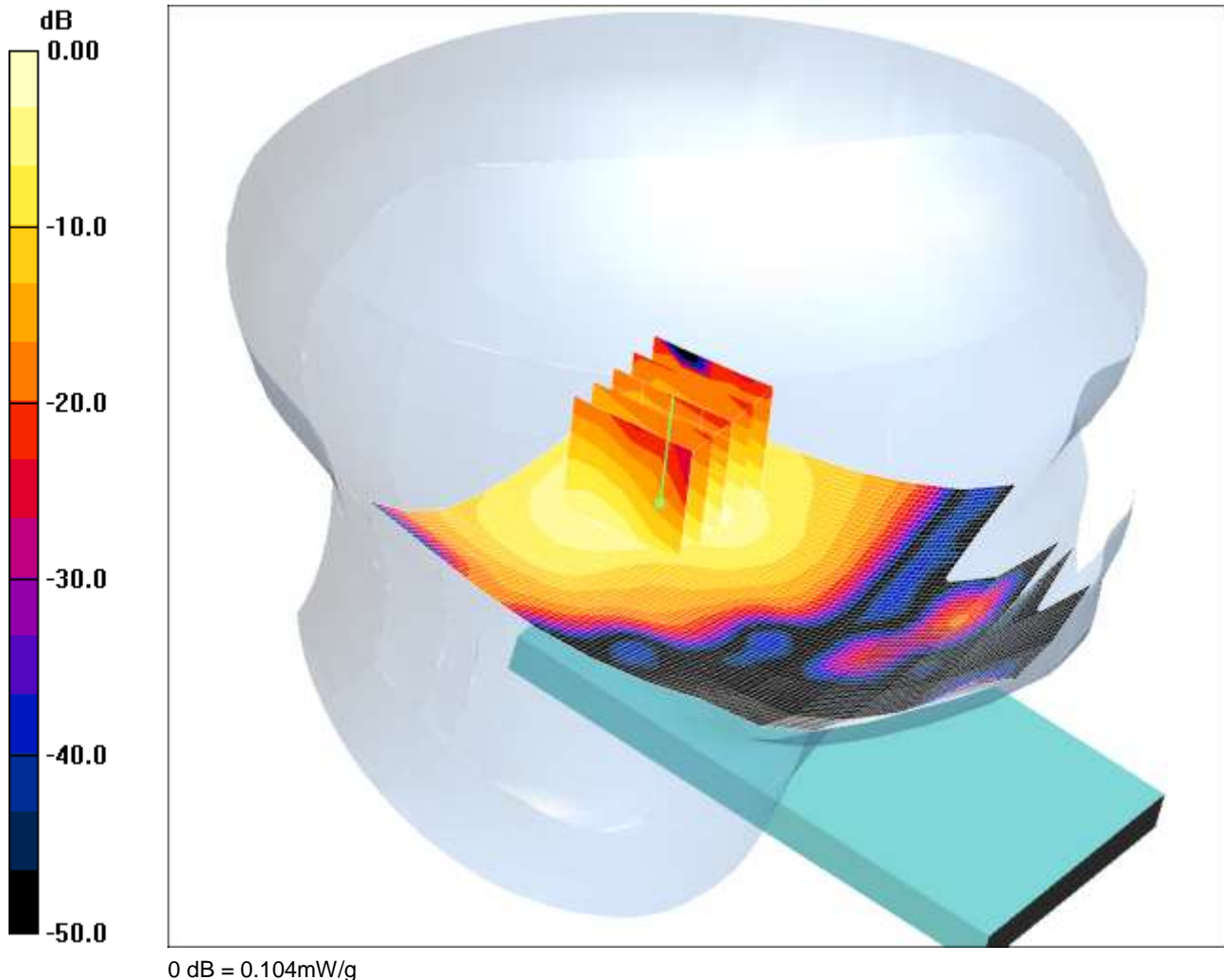
SAR(1 g) = 0.107 mW/g; SAR(10 g) = 0.049 mW/g

Maximum value of SAR (measured) = 0.123 mW/g

SCN/90574/104: Tilt Left 802.11b 1Mbps CH6

Date: 21/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU6L



0 dB = 0.104mW/g

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

Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.86$ mho/m; $\epsilon_r = 38.9$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.59, 4.59, 4.59); Calibrated: 31/08/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Tilt Left - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.109 mW/g

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

Reference Value = 4.25 V/m; Power Drift = 0.101 dB

Peak SAR (extrapolated) = 0.179 W/kg

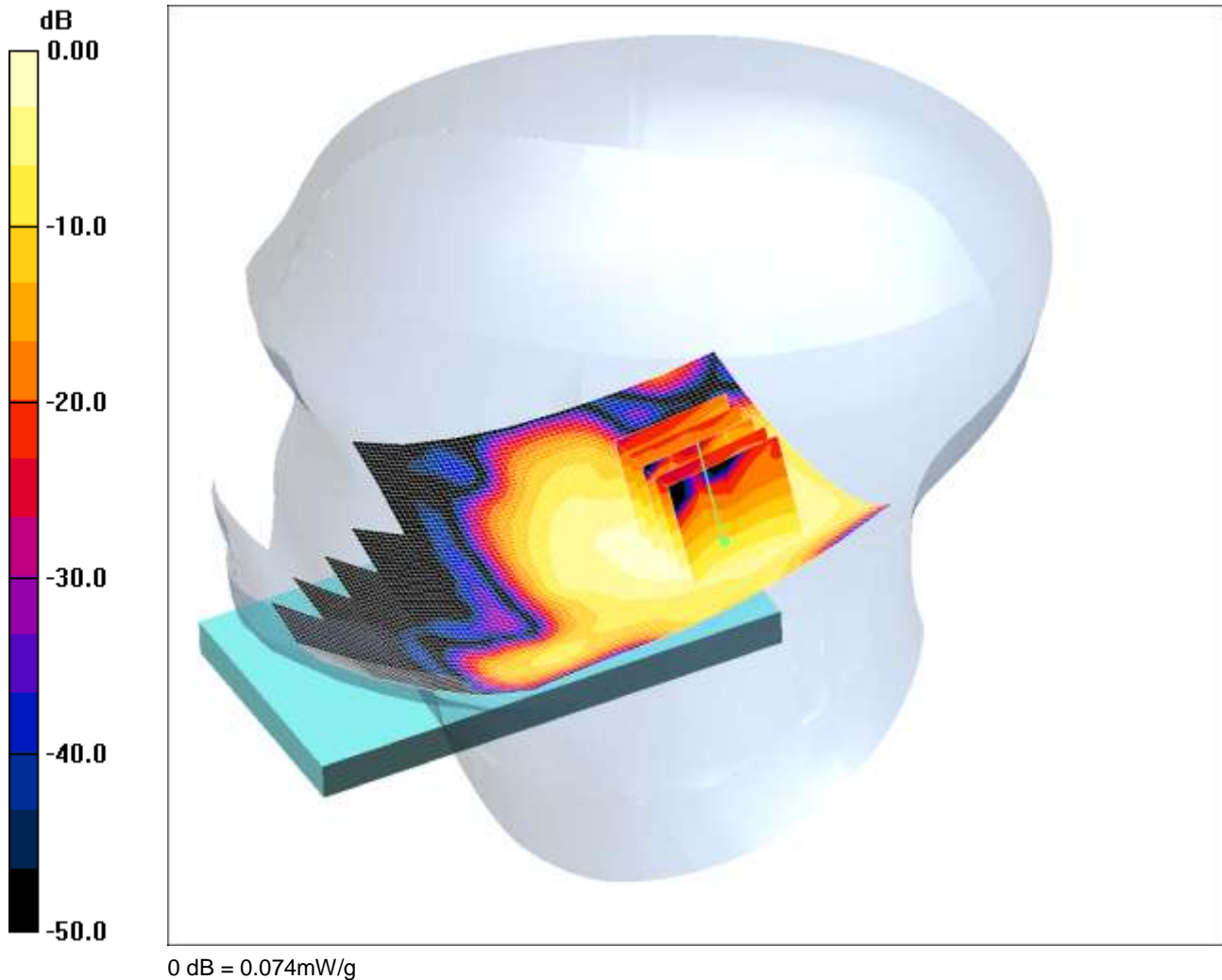
SAR(1 g) = 0.081 mW/g; SAR(10 g) = 0.038 mW/g

Maximum value of SAR (measured) = 0.104 mW/g

SCN/90574/105: Touch Right 802.11b 1Mbps CH6

Date: 21/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU6L



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

Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.86$ mho/m; $\epsilon_r = 38.9$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.59, 4.59, 4.59); Calibrated: 31/08/2012

- Sensor-Surface: 3mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Touch Right - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.088 mW/g

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

Reference Value = 4.77 V/m; Power Drift = 0.053 dB

Peak SAR (extrapolated) = 0.121 W/kg

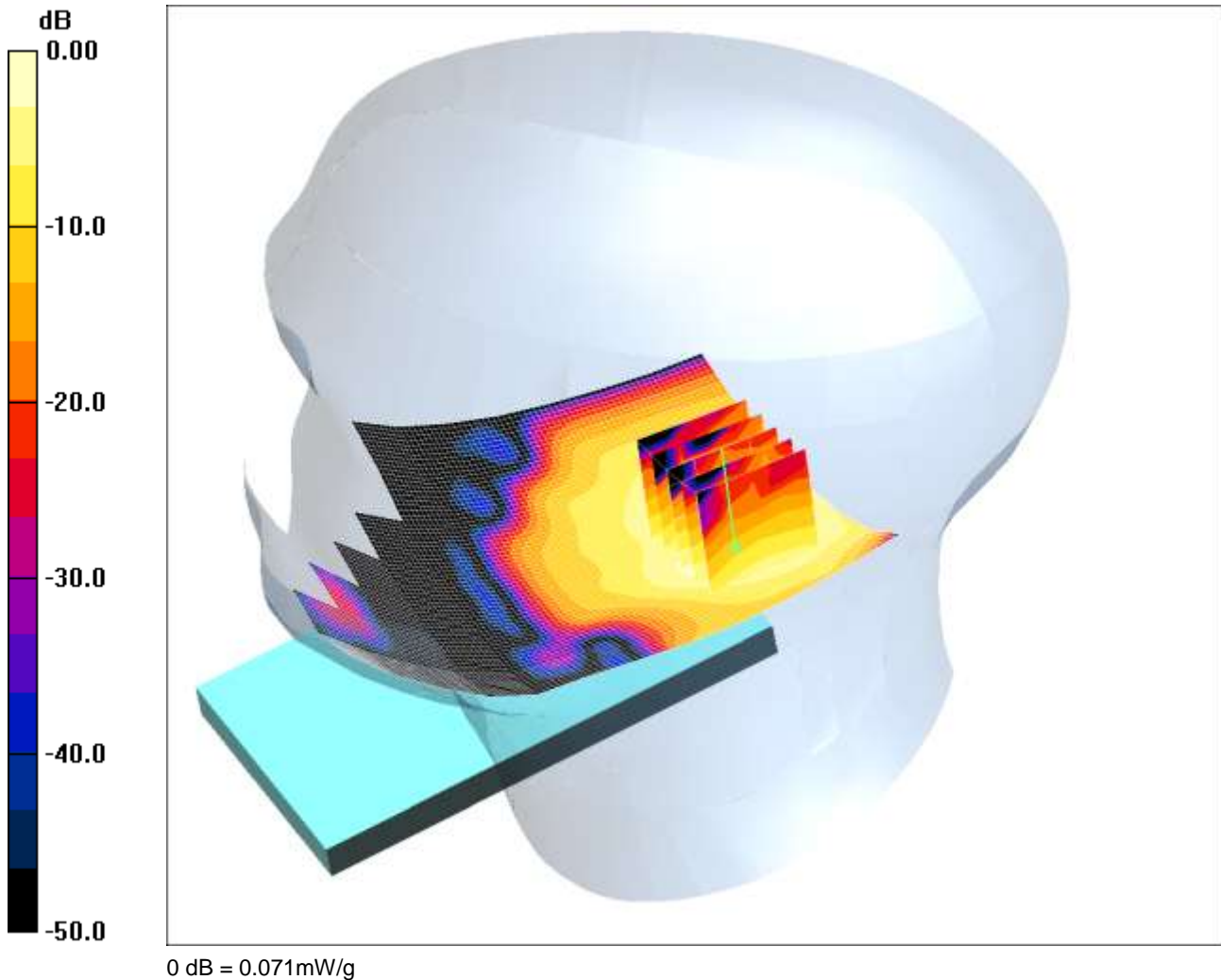
SAR(1 g) = 0.061 mW/g; SAR(10 g) = 0.031 mW/g

Maximum value of SAR (measured) = 0.074 mW/g

SCN/90574/106: Tilt Right 802.11b 1Mbps CH6

Date: 21/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU6L



0 dB = 0.071mW/g

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

Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.86$ mho/m; $\epsilon_r = 38.9$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.59, 4.59, 4.59); Calibrated: 31/08/2012

- Sensor-Surface: 3mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Tilt Right - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.073 mW/g

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

Reference Value = 5.74 V/m; Power Drift = -0.030 dB

Peak SAR (extrapolated) = 0.117 W/kg

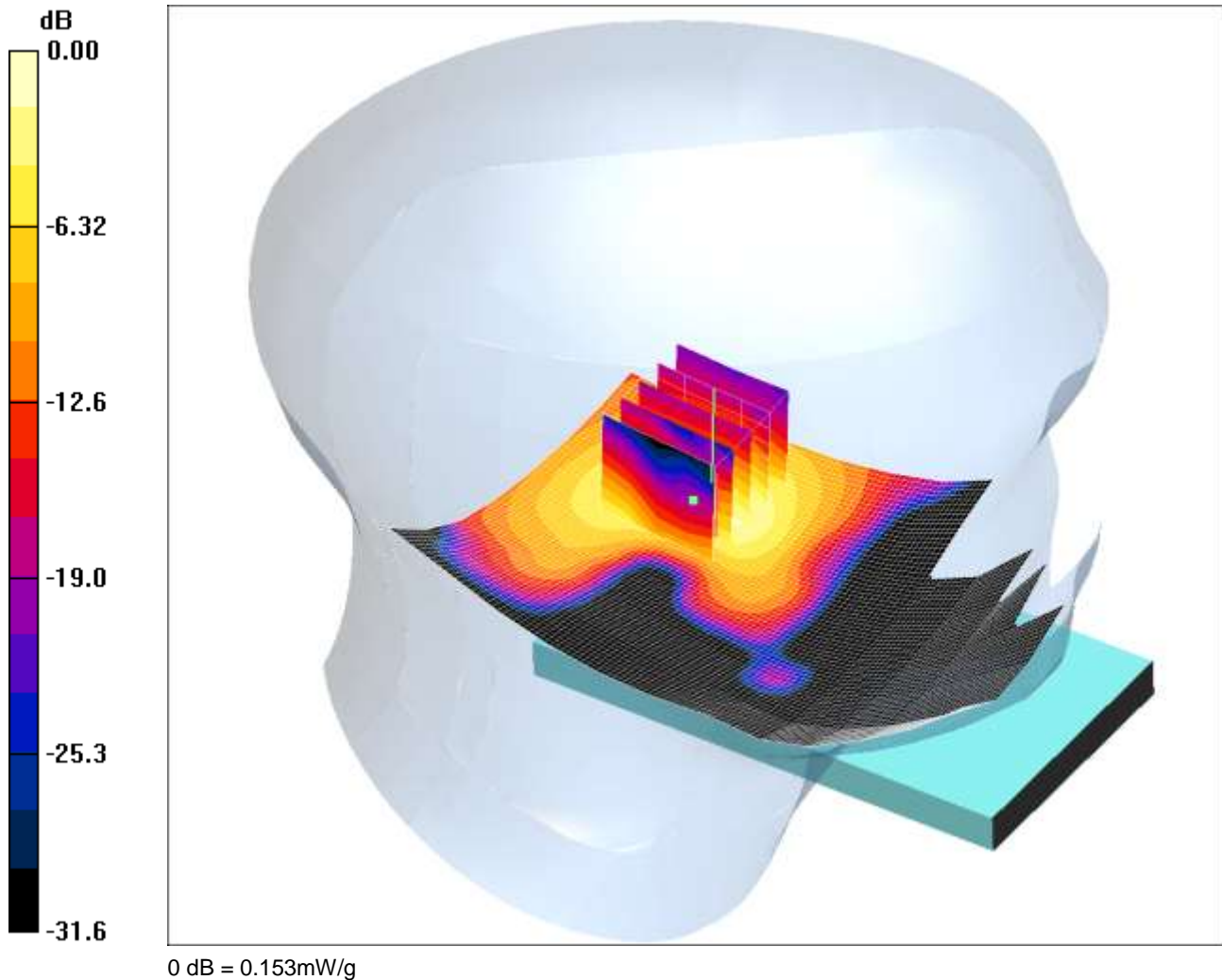
SAR(1 g) = 0.056 mW/g; SAR(10 g) = 0.027 mW/g

Maximum value of SAR (measured) = 0.071 mW/g

SCN/90574/107: Touch Left 802.11b 1Mbps CH1

Date: 21/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU6L



Communication System: WLAN; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 1.86$ mho/m; $\epsilon_r = 39.1$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.59, 4.59, 4.59); Calibrated: 31/08/2012

- Sensor-Surface: 3mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Touch Left - Low/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.154 mW/g

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

Reference Value = 9.66 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.268 W/kg

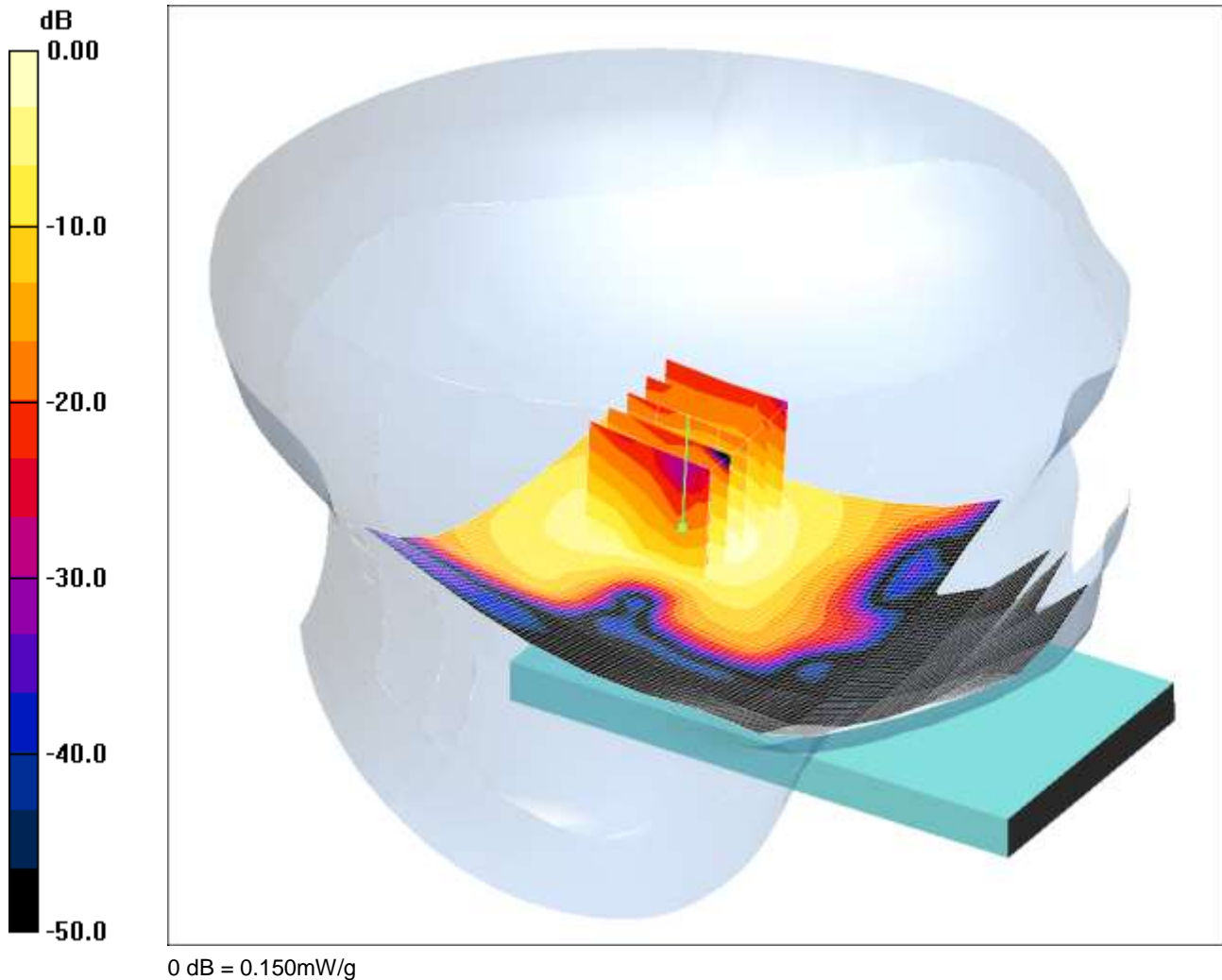
SAR(1 g) = 0.132 mW/g; SAR(10 g) = 0.060 mW/g

Maximum value of SAR (measured) = 0.153 mW/g

SCN/90574/108: Touch Left 802.11b 1Mbps CH11

Date: 21/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU6L



0 dB = 0.150mW/g

Communication System: WLAN; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: 2450 MHz HSL Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 1.89$ mho/m; $\epsilon_r = 38.7$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.59, 4.59, 4.59); Calibrated: 31/08/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Touch Left -High/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.152 mW/g

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

Reference Value = 9.24 V/m; Power Drift = 0.064 dB

Peak SAR (extrapolated) = 0.257 W/kg

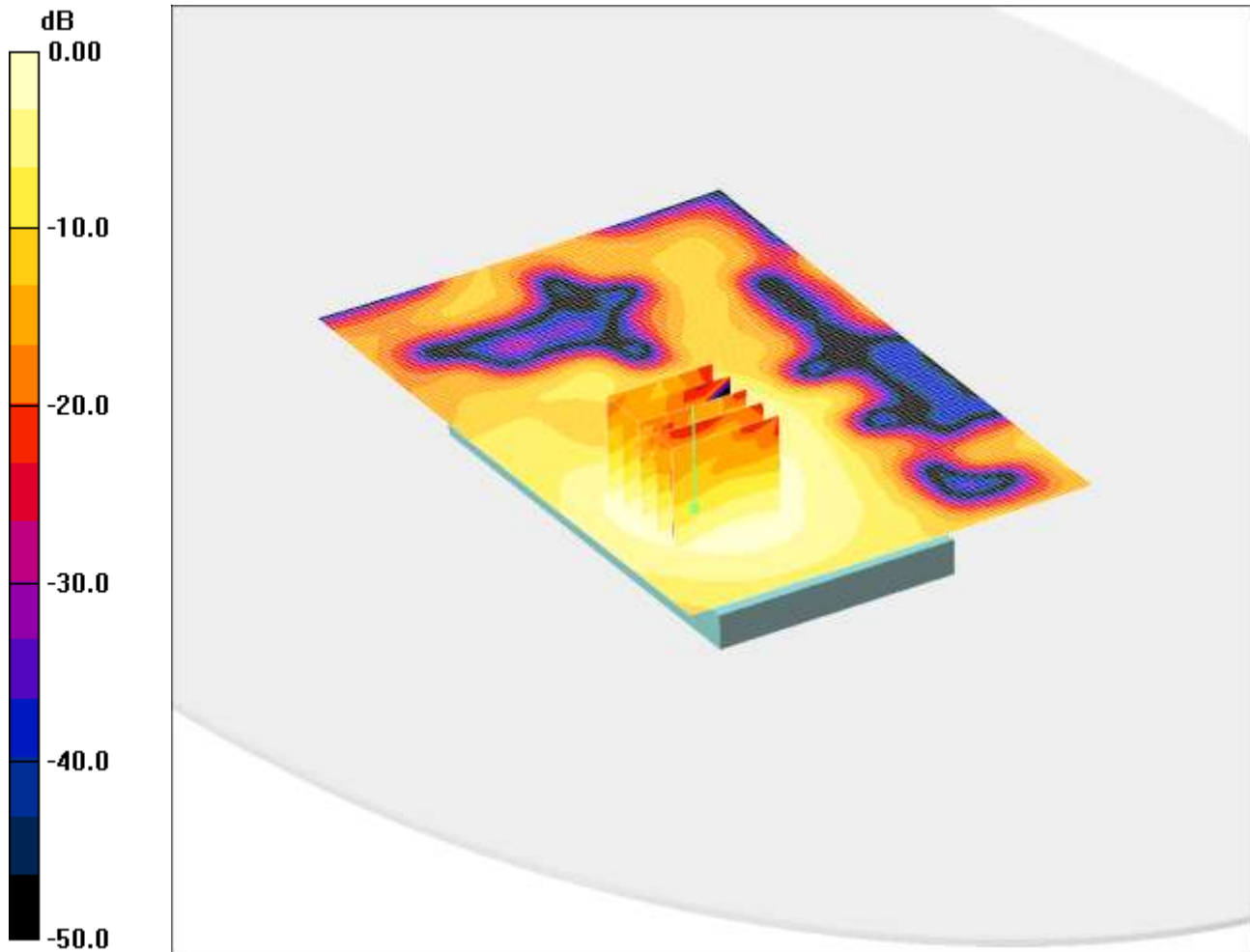
SAR(1 g) = 0.129 mW/g; SAR(10 g) = 0.059 mW/g

Maximum value of SAR (measured) = 0.150 mW/g

SCN/90574/109: Front of EUT Facing Phantom 802.11b 1Mbps CH6

Date: 22/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU6L



0 dB = 0.028mW/g

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

Medium: 2450 MHz MSL Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 50.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.32, 4.32, 4.32); Calibrated: 31/08/2012

- Sensor-Surface: 3mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Front of EUT Facing Phantom - Middle/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 3.95 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.045 W/kg

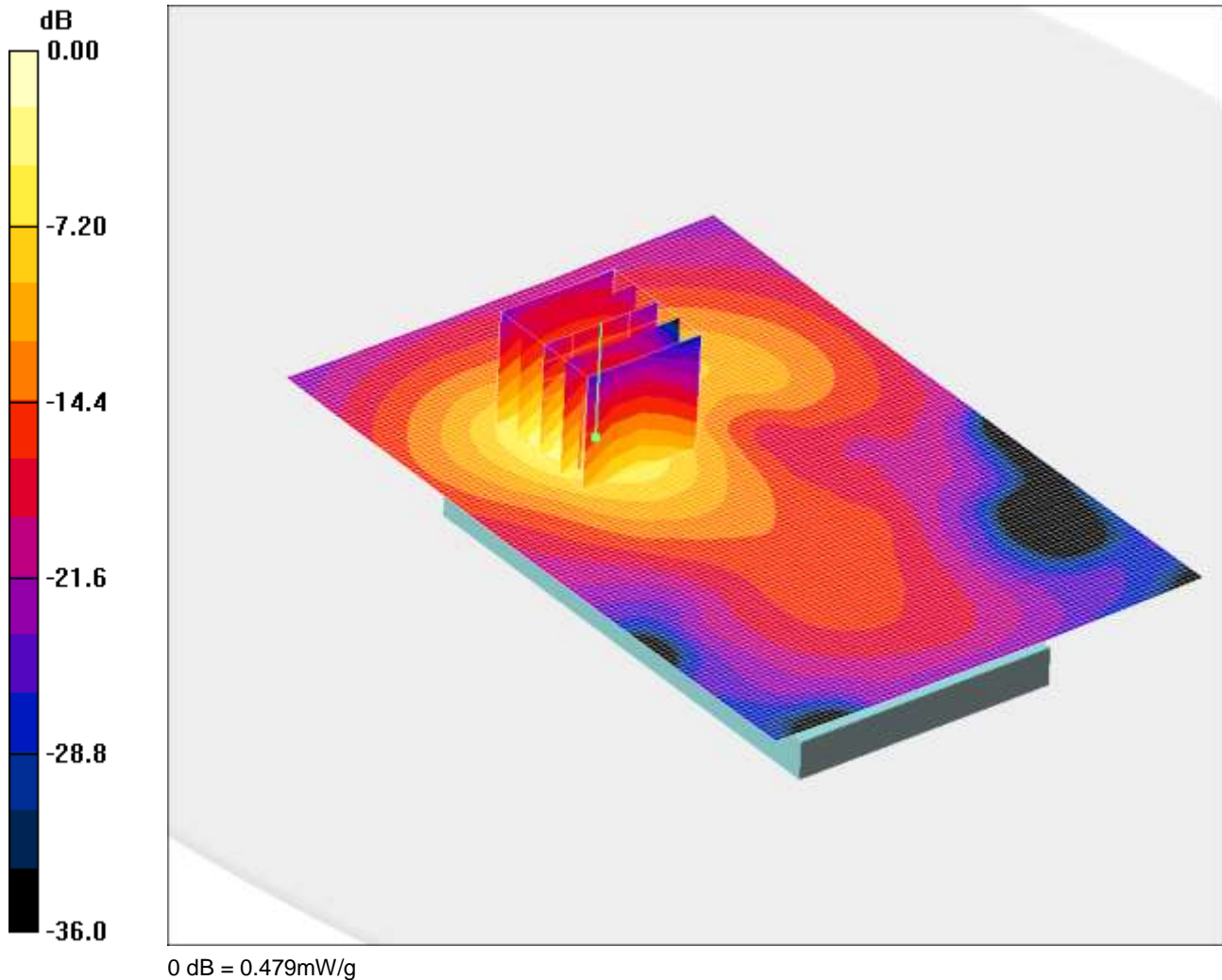
SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.012 mW/g

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

SCN/90574/110: Back of EUT Facing Phantom 802.11b 1Mbps CH6

Date: 22/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU6L



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

Medium: 2450 MHz MSL Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 50.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.32, 4.32, 4.32); Calibrated: 31/08/2012

- Sensor-Surface: 3mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom - Middle/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.375 mW/g

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

Reference Value = 3.50 V/m; Power Drift = -0.074 dB

Peak SAR (extrapolated) = 0.865 W/kg

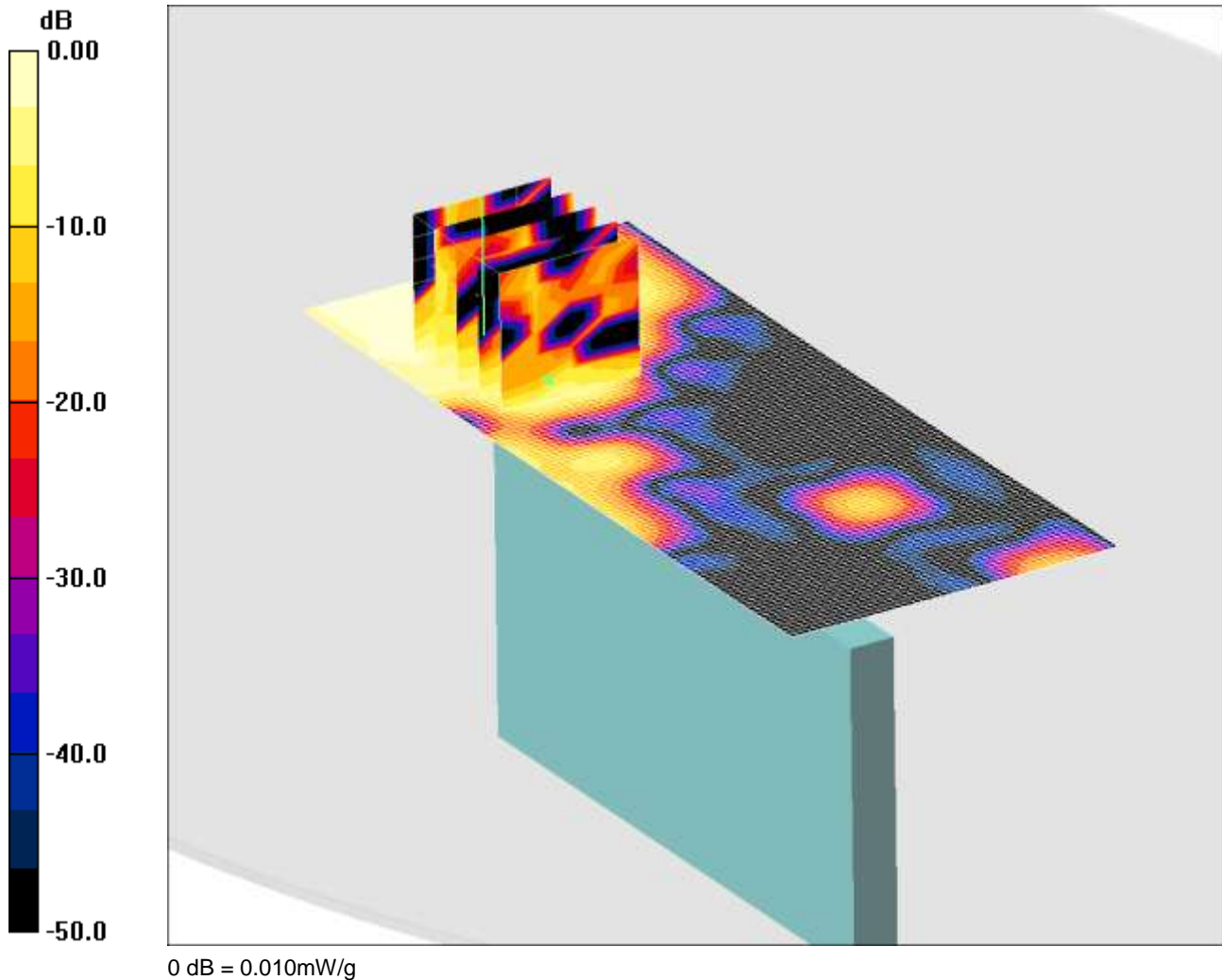
SAR(1 g) = 0.365 mW/g; SAR(10 g) = 0.147 mW/g

Maximum value of SAR (measured) = 0.479 mW/g

SCN/90574/111: Left Hand Side of EUT Facing Phantom 802.11b 1Mbps CH6

Date: 22/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU6L



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

Medium: 2450 MHz MSL Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 50.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.32, 4.32, 4.32); Calibrated: 31/08/2012

- Sensor-Surface: 3mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Left Hand Side of EUT Facing Phantom - Middle 2/Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.01 mW/g

Left Hand Side of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) 2 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.86 V/m; Power Drift = 0.187 dB

Peak SAR (extrapolated) = 0.018 W/kg

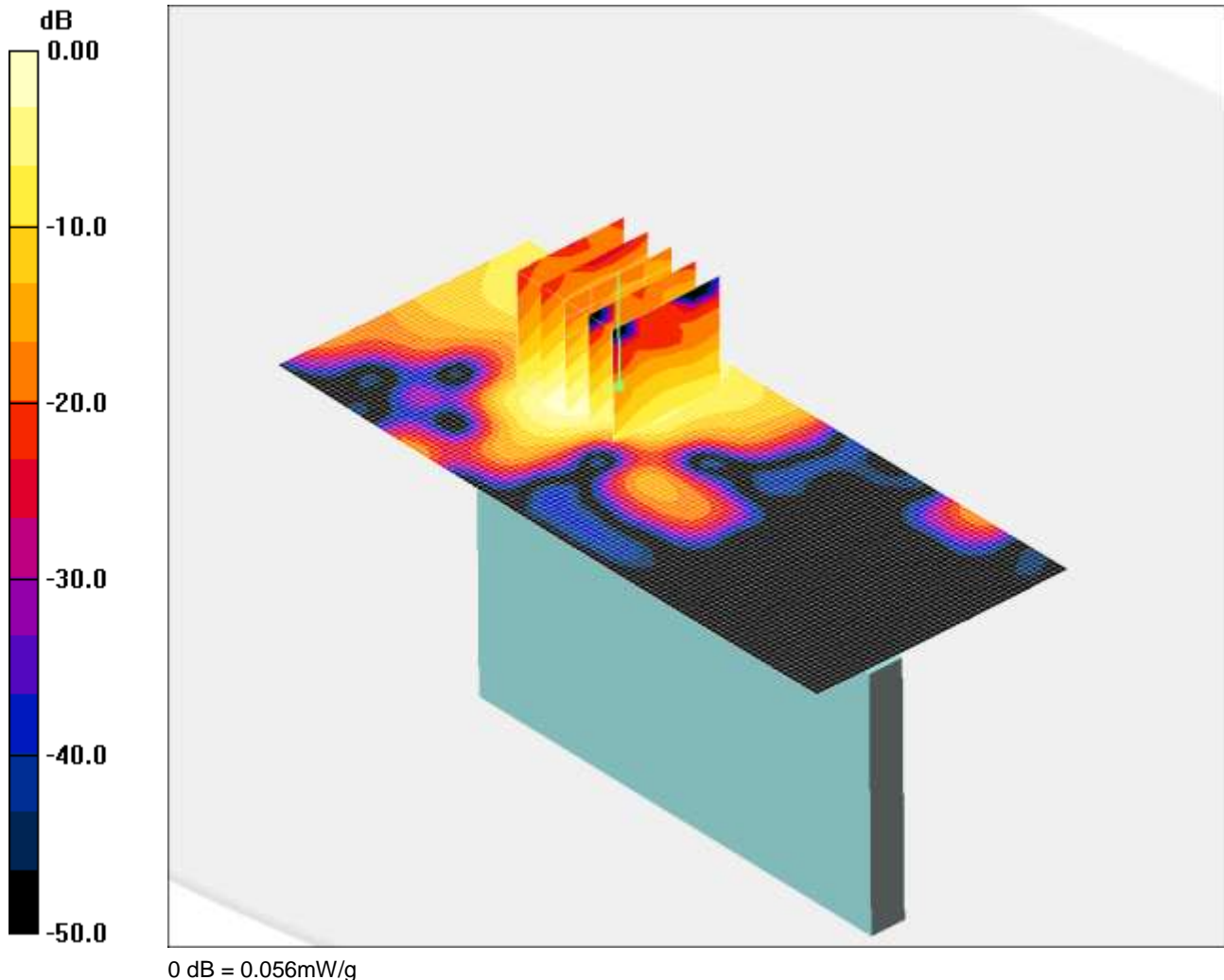
SAR(1 g) = 0.00405 mW/g; SAR(10 g) = 0.0017 mW/g

Maximum value of SAR (measured) = 0.01 mW/g

SCN/90574/112: Right Hand Side of EUT Facing Phantom 802.11b 1Mbps CH6

Date: 22/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU6L



0 dB = 0.056mW/g

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

Medium: 2450 MHz MSL Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 50.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.32, 4.32, 4.32); Calibrated: 31/08/2012

- Sensor-Surface: 3mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Right Hand Side of EUT Facing Phantom - Middle/Area Scan (51x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.058 mW/g

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

Reference Value = 3.76 V/m; Power Drift = 0.096 dB

Peak SAR (extrapolated) = 0.092 W/kg

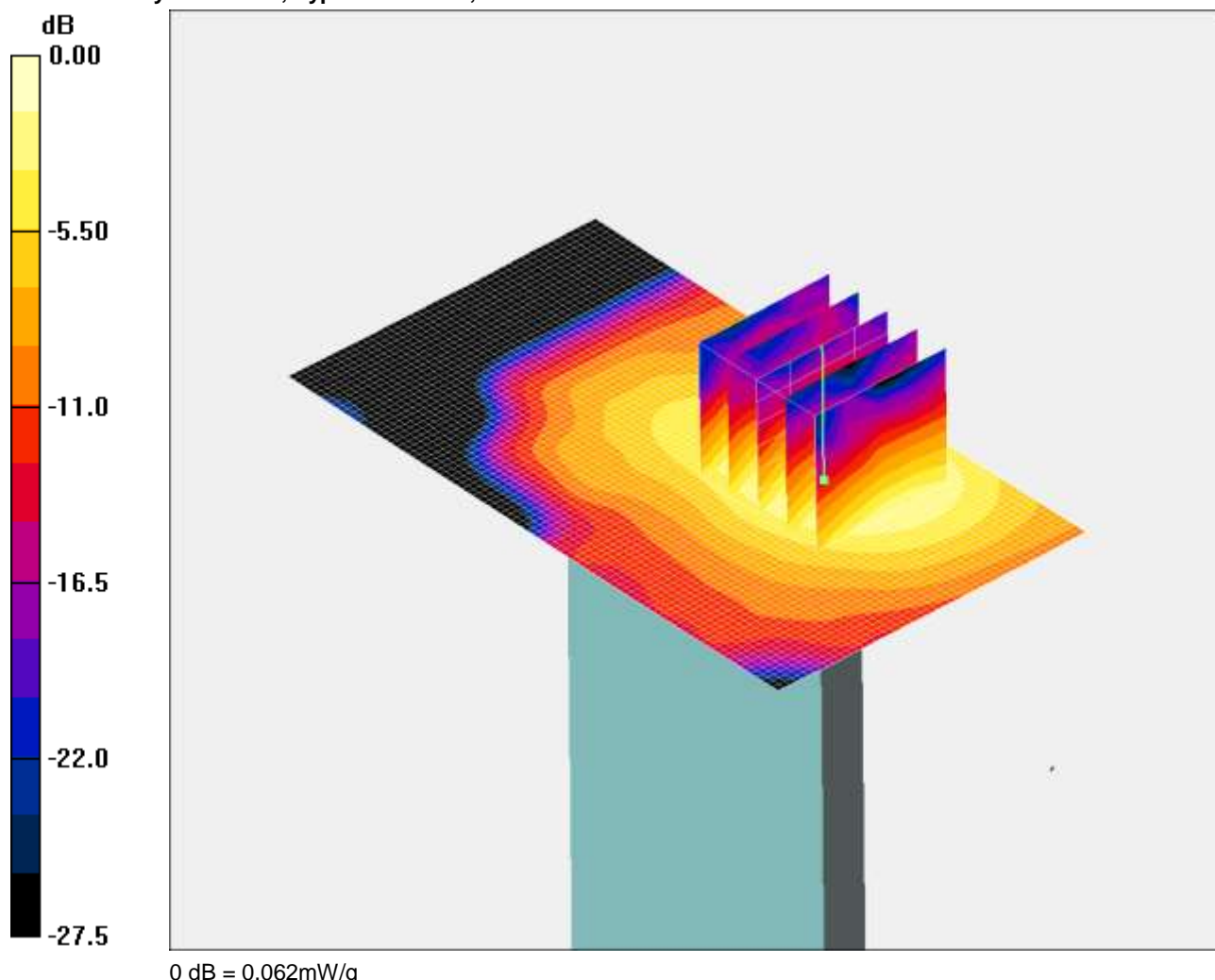
SAR(1 g) = 0.044 mW/g; SAR(10 g) = 0.022 mW/g

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

SCN/90574/113: Top of EUT Facing Phantom 802.11b 1Mbps CH6

Date: 22/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU6L



0 dB = 0.062mW/g

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

Medium: 2450 MHz MSL Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 50.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.32, 4.32, 4.32); Calibrated: 31/08/2012

- Sensor-Surface: 3mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Top of EUT Facing Phantom - Middle/Area Scan (51x91x1): Measurement grid: dx=15mm, dy=15mm

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

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

Reference Value = 3.62 V/m; Power Drift = 0.199 dB

Peak SAR (extrapolated) = 0.100 W/kg

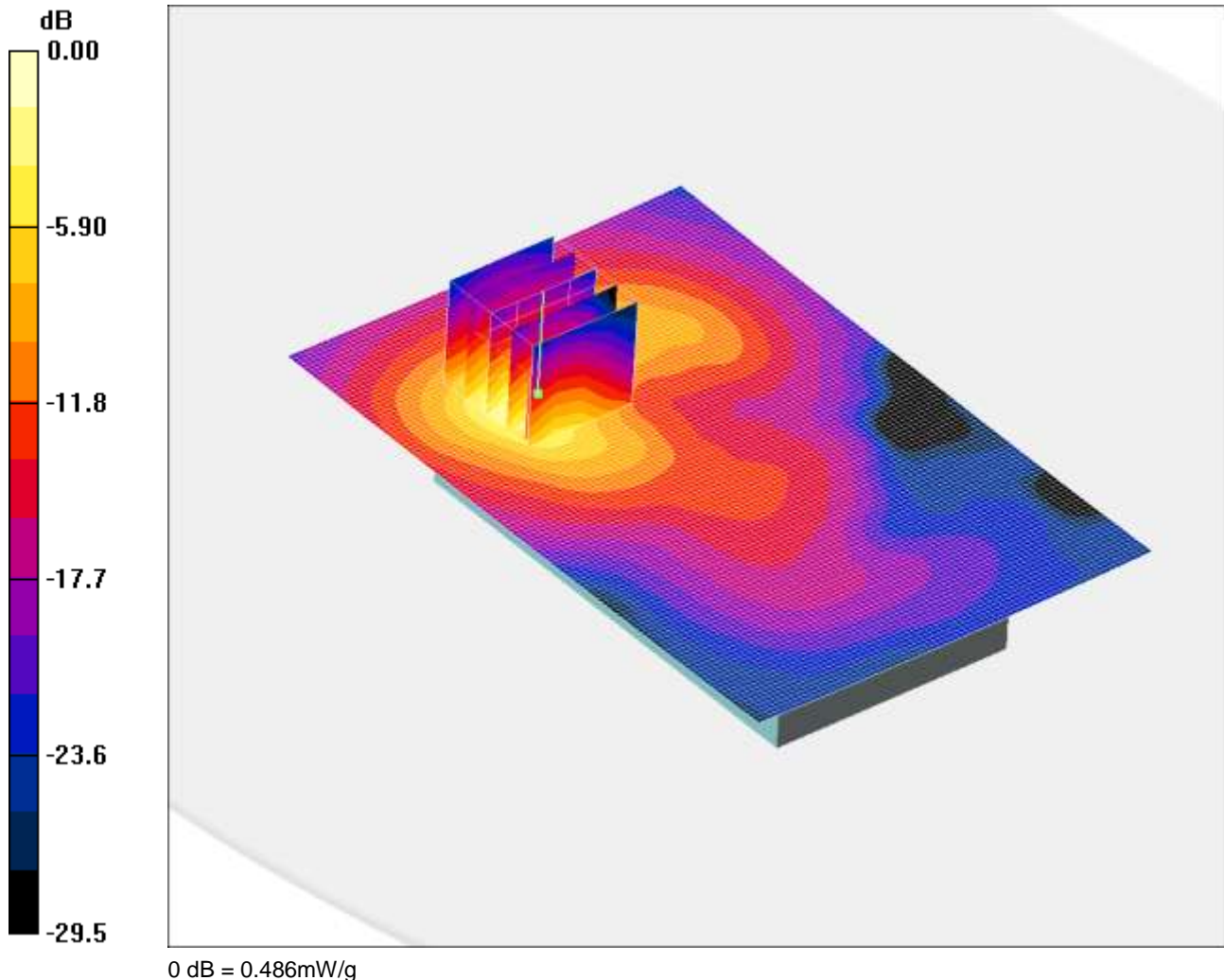
SAR(1 g) = 0.049 mW/g; SAR(10 g) = 0.025 mW/g

Maximum value of SAR (measured) = 0.062 mW/g

SCN/90574/114: Back of EUT Facing Phantom 802.11b 1Mbps CH1

Date: 22/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU6L



Communication System: WLAN; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.32, 4.32, 4.32); Calibrated: 31/08/2012

- Sensor-Surface: 3mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom - Low/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.453 mW/g

Back of EUT Facing Phantom - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.41 V/m; Power Drift = 0.089 dB

Peak SAR (extrapolated) = 0.790 W/kg

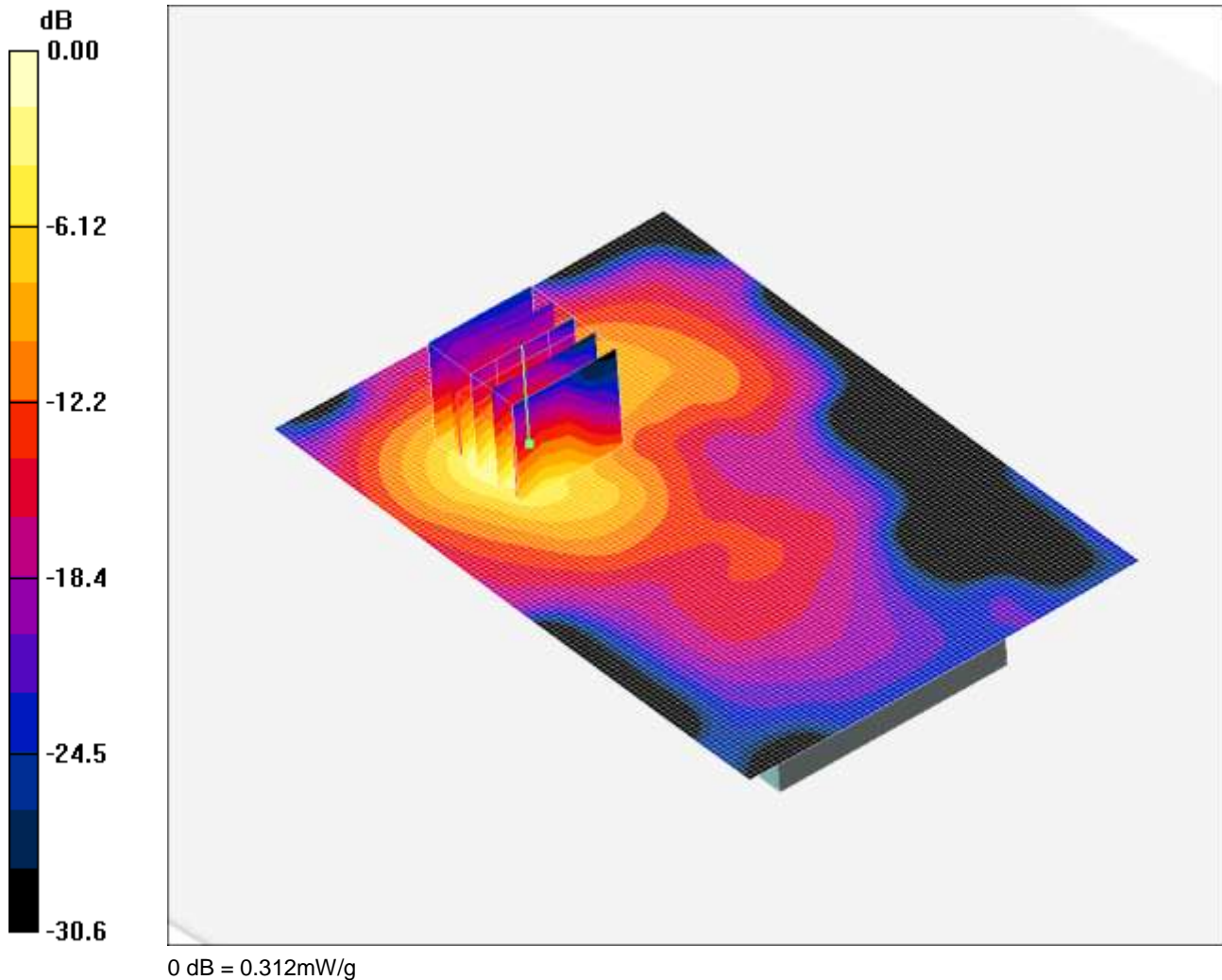
SAR(1 g) = 0.340 mW/g; SAR(10 g) = 0.143 mW/g

Maximum value of SAR (measured) = 0.486 mW/g

SCN/90574/115: Back of EUT Facing Phantom 802.11b 1Mbps CH11

Date: 22/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU6L



Communication System: WLAN; Frequency: 2462 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated): $f = 2462$ MHz; $\sigma = 2.06$ mho/m; $\epsilon_r = 50.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.32, 4.32, 4.32); Calibrated: 31/08/2012

- Sensor-Surface: 3mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom -High/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.295 mW/g

Back of EUT Facing Phantom -High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.32 V/m; Power Drift = 0.143 dB

Peak SAR (extrapolated) = 0.543 W/kg

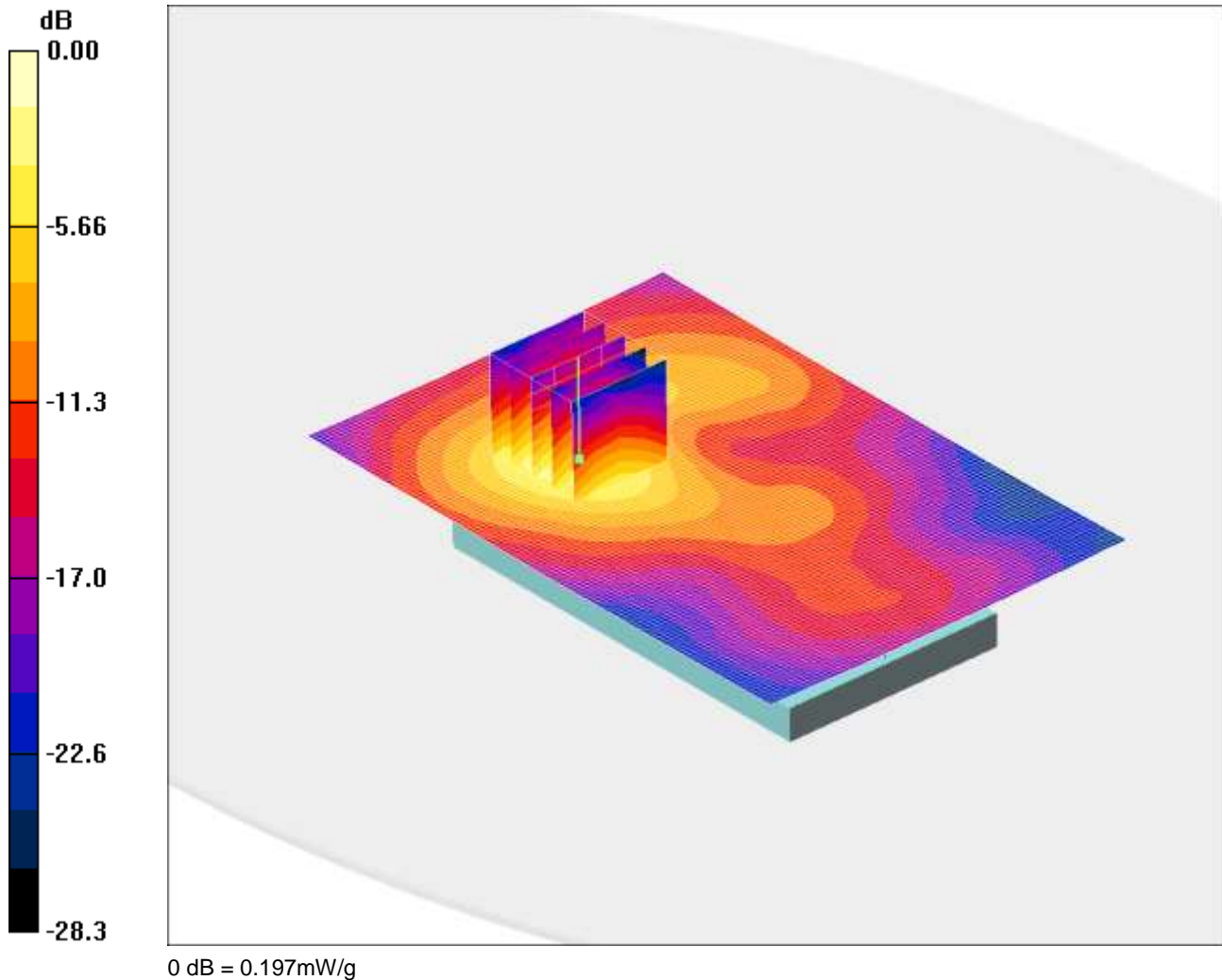
SAR(1 g) = 0.235 mW/g; SAR(10 g) = 0.098 mW/g

Maximum value of SAR (measured) = 0.312 mW/g

SCN/90574/116: Back of EUT Facing Phantom at 15mm 802.11b 1Mbps CH1

Date: 22/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU6L



Communication System: WLAN; Frequency: 2412 MHz; Duty Cycle: 1:1

Medium: 2450 MHz MSL Medium parameters used (interpolated): $f = 2412$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 51$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.32, 4.32, 4.32); Calibrated: 31/08/2012

- Sensor-Surface: 3mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom - Low/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.166 mW/g

Back of EUT Facing Phantom - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.48 V/m; Power Drift = -0.038 dB

Peak SAR (extrapolated) = 0.322 W/kg

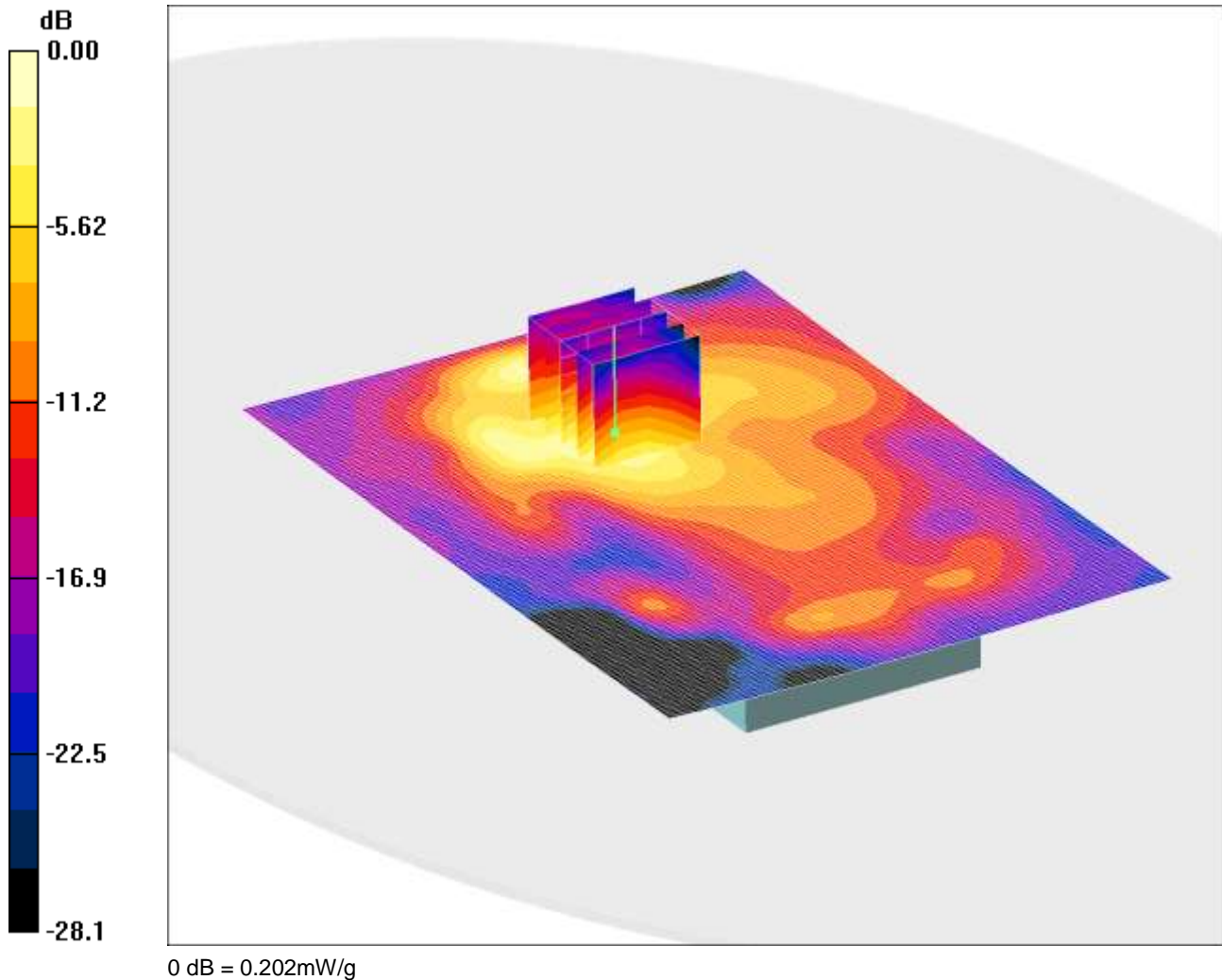
SAR(1 g) = 0.154 mW/g; SAR(10 g) = 0.072 mW/g

Maximum value of SAR (measured) = 0.197 mW/g

SCN/90574/117: Back of EUT Facing Phantom at 15mm with PHF 802.11b 1Mbps CH1

Date: 22/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU6L



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

Medium: 2450 MHz MSL Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 2.03$ mho/m; $\epsilon_r = 50.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.32, 4.32, 4.32); Calibrated: 31/08/2012

- Sensor-Surface: 3mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom - Low/Area Scan (101x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.202 mW/g

Back of EUT Facing Phantom - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.75 V/m; Power Drift = 0.169 dB

Peak SAR (extrapolated) = 0.320 W/kg

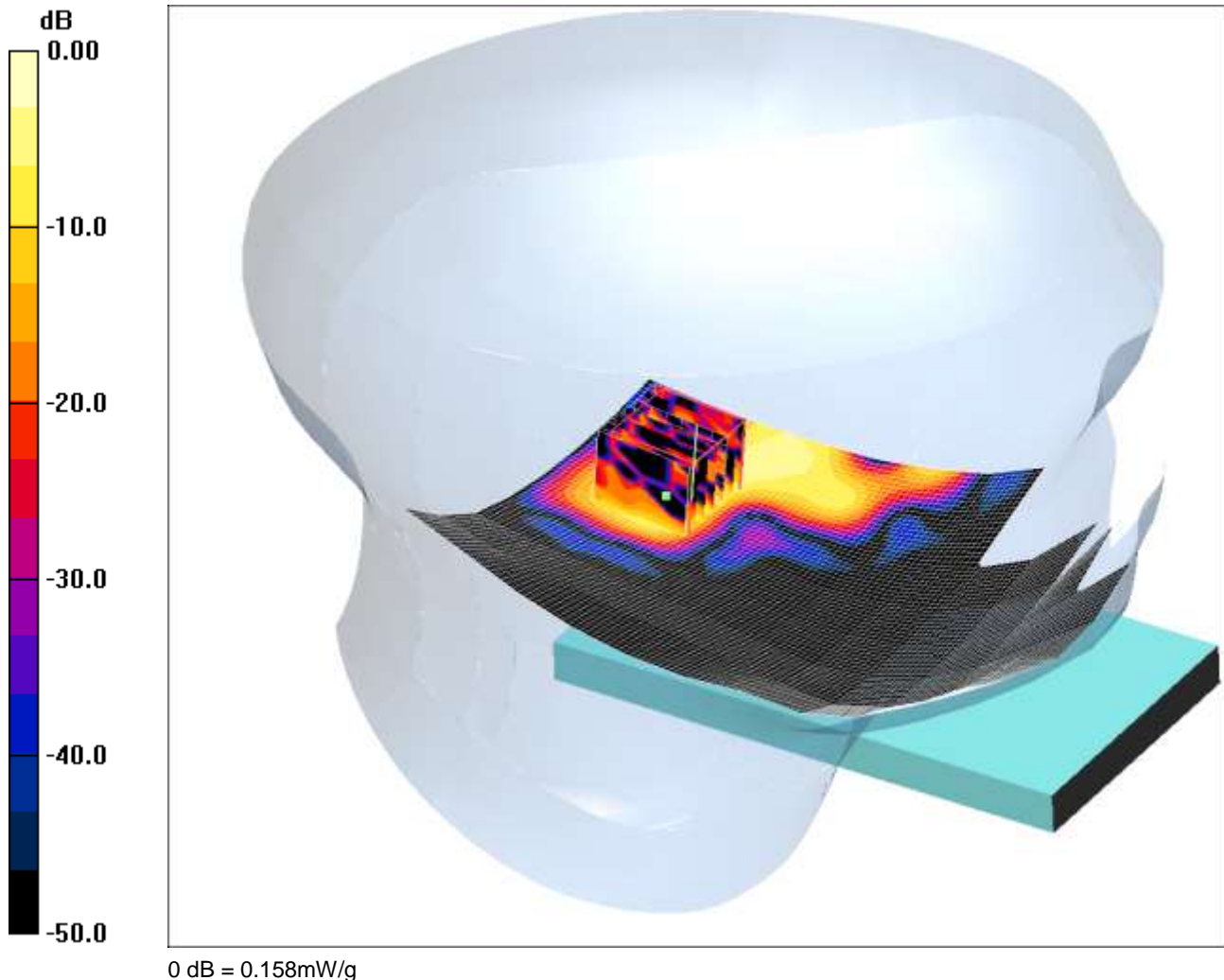
SAR(1 g) = 0.154 mW/g; SAR(10 g) = 0.074 mW/g

Maximum value of SAR (measured) = 0.202 mW/g

SCN/90574/118: Touch Left 802.11a 6Mbps CH36

Date: 26/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU6L



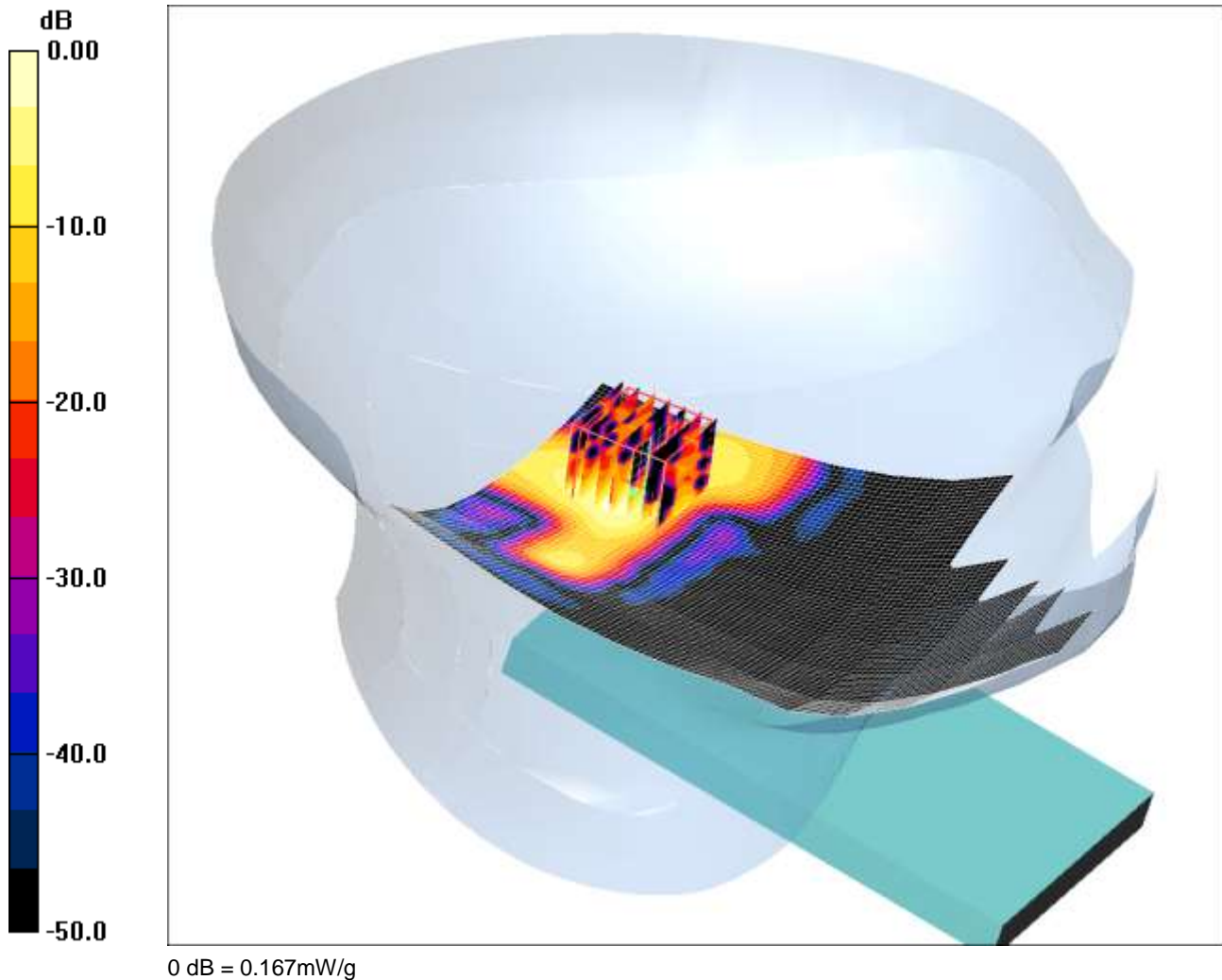
0 dB = 0.158mW/g

Communication System: WLAN 802.11a UNII; Frequency: 5180 MHz; Duty Cycle: 1:1
Medium: 5200/5500/5800 MHz HSL Medium parameters used (interpolated): $f = 5180$ MHz; $\sigma = 4.77$ mho/m; $\epsilon_r = 34.9$; $\rho = 1000$ kg/m³
Phantom section: Left Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(5.06, 5.06, 5.06); Calibrated: 24/09/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145
Touch Left - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.146 mW/g
Touch Left - Middle/Zoom Scan (7x7x9) (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm
Reference Value = 5.05 V/m; Power Drift = 0.179 dB
Peak SAR (extrapolated) = 0.275 W/kg
SAR(1 g) = 0.067 mW/g; SAR(10 g) = 0.017 mW/g
Maximum value of SAR (measured) = 0.158 mW/g

SCN/90574/119: Tilt Left 802.11a 6Mbps CH36

Date: 26/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU6L



0 dB = 0.167mW/g

Communication System: WLAN 802.11a UNII; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used (interpolated): $f = 5180$ MHz; $\sigma = 4.77$ mho/m; $\epsilon_r = 34.9$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(5.06, 5.06, 5.06); Calibrated: 24/09/2012

- Sensor-Surface: 3mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Tilt Left - Middle/Area Scan (71x121x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

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

Tilt Left - Middle/Zoom Scan (7x7x9) (7x7x9)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 5.22 V/m; Power Drift = 0.152 dB

Peak SAR (extrapolated) = 0.578 W/kg

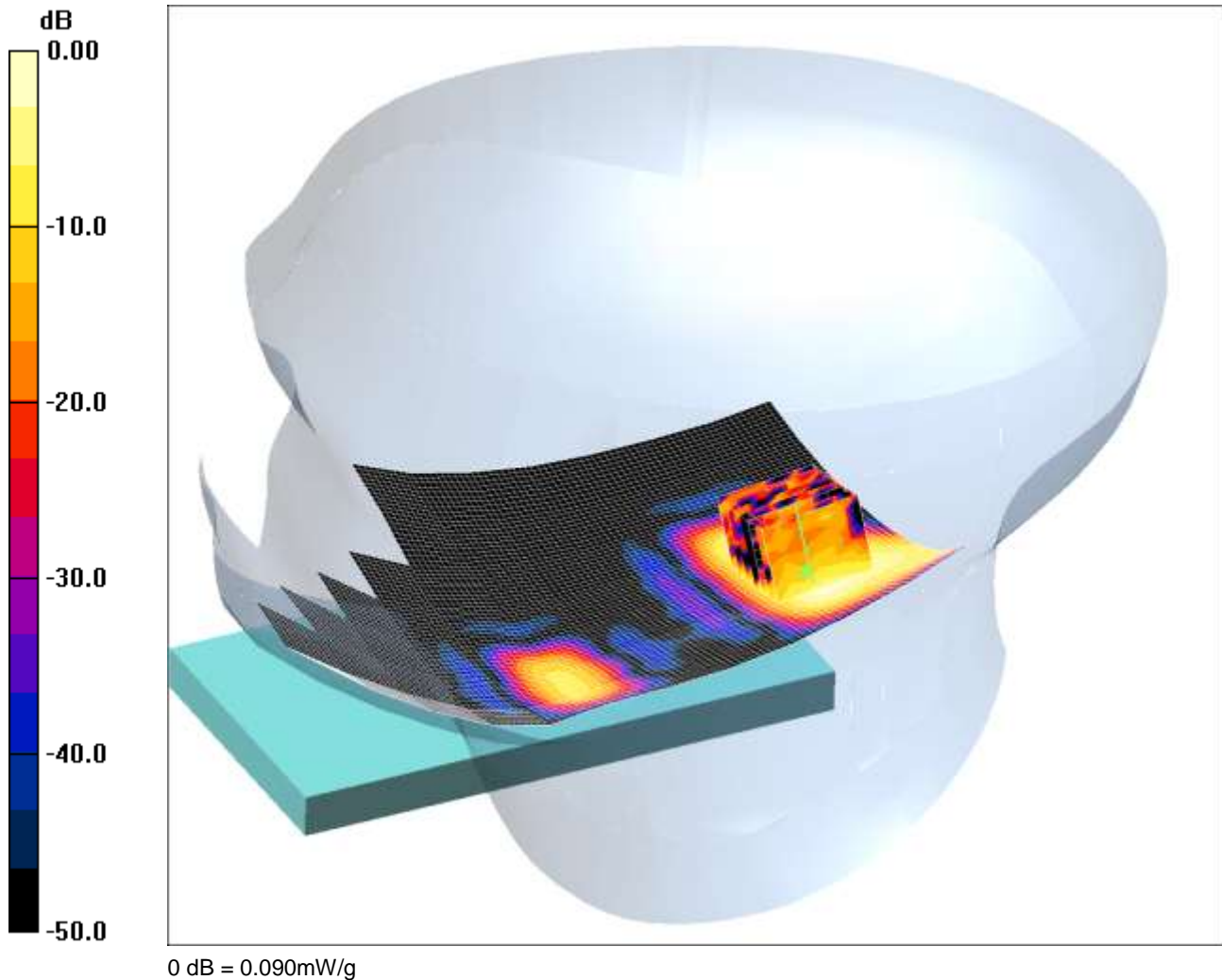
SAR(1 g) = 0.077 mW/g; SAR(10 g) = 0.022 mW/g

Maximum value of SAR (measured) = 0.167 mW/g

SCN/90574/120: Touch Right 802.11a 6Mbps CH36

Date: 27/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU6L



0 dB = 0.090mW/g

Communication System: WLAN 802.11a UNII; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used (interpolated): $f = 5180$ MHz; $\sigma = 4.77$ mho/m; $\epsilon_r = 34.9$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(5.06, 5.06, 5.06); Calibrated: 24/09/2012

- Sensor-Surface: 3mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Touch Right - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.145 mW/g

Touch Right - Middle/Zoom Scan (7x7x9) (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.18 V/m; Power Drift = 0.124 dB

Peak SAR (extrapolated) = 0.152 W/kg

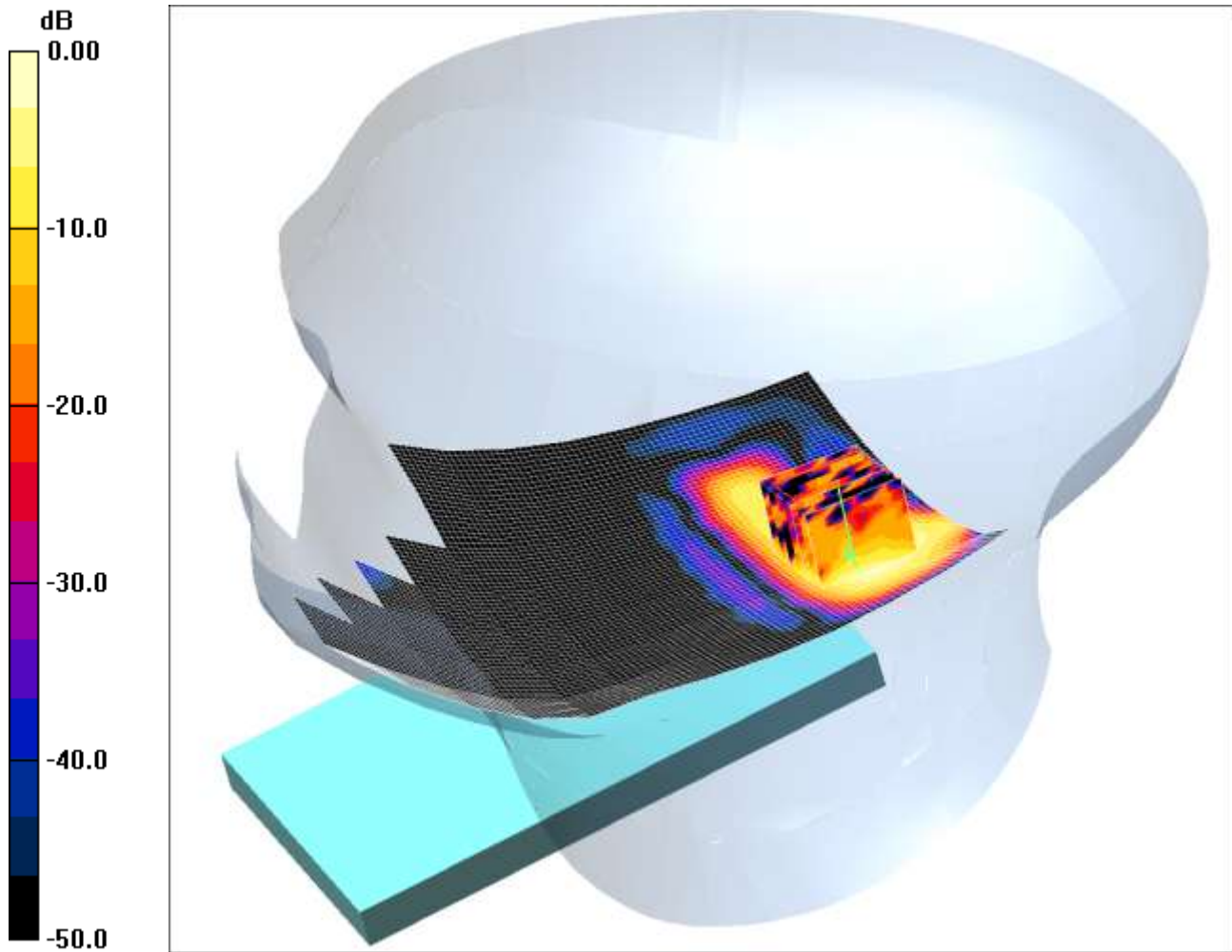
SAR(1 g) = 0.046 mW/g; SAR(10 g) = 0.015 mW/g

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

SCN/90574/121: Tilt Right 802.11a 6Mbps CH36

Date: 27/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU6L



0 dB = 0.094mW/g

Communication System: WLAN 802.11a UNII; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used (interpolated): $f = 5180$ MHz; $\sigma = 4.77$ mho/m; $\epsilon_r = 34.9$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(5.06, 5.06, 5.06); Calibrated: 24/09/2012

- Sensor-Surface: 3mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Tilt Right - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.148 mW/g

Tilt Right - Middle/Zoom Scan (7x7x9) (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.71 V/m; Power Drift = 0.066 dB

Peak SAR (extrapolated) = 0.160 W/kg

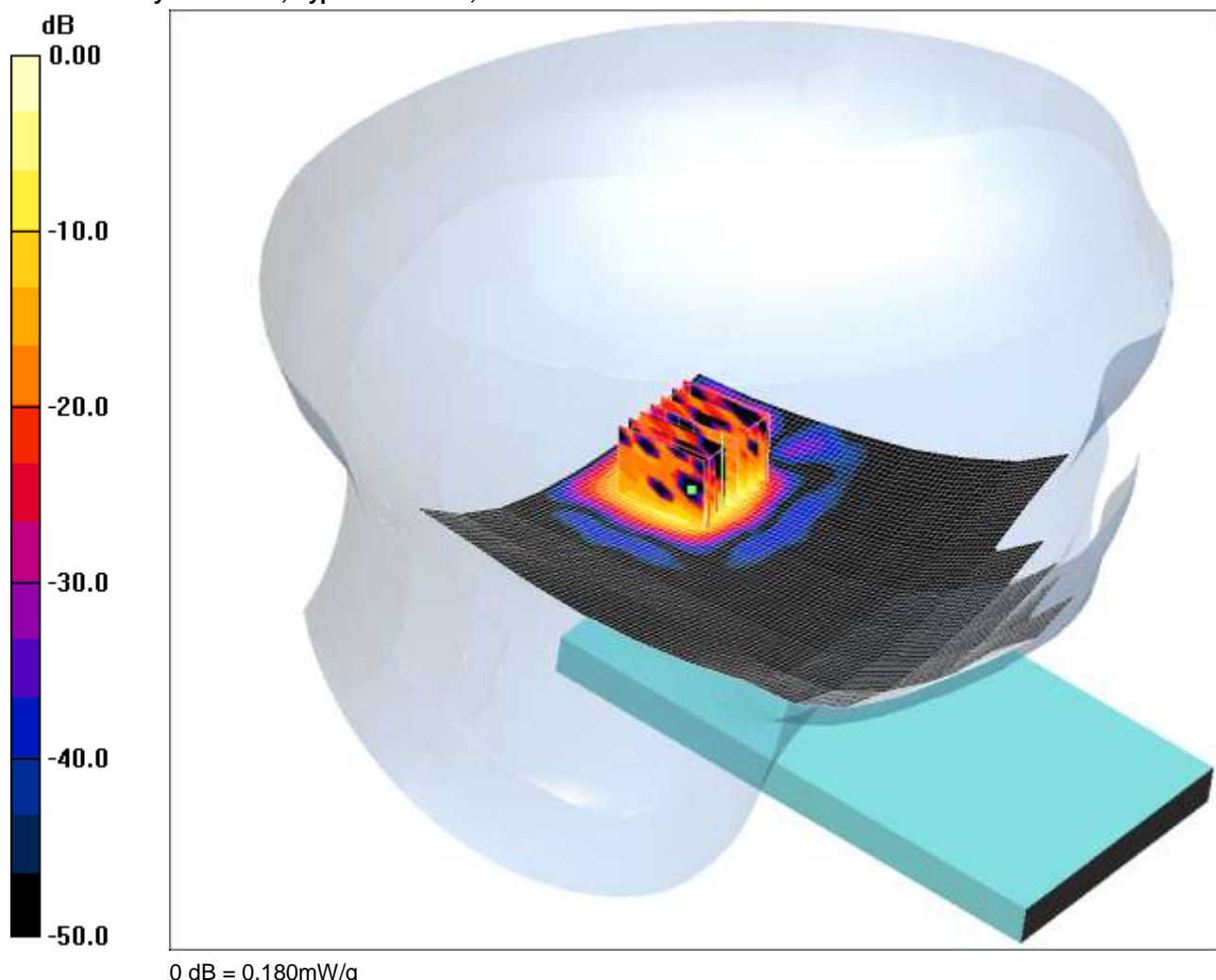
SAR(1 g) = 0.047 mW/g; SAR(10 g) = 0.015 mW/g

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

SCN/90574/122: Tilt Left 802.11a 6Mbps CH64

Date: 27/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU6L



0 dB = 0.180mW/g

Communication System: WLAN 802.11a UNII; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used (interpolated): $f = 5320$ MHz; $\sigma = 4.93$ mho/m; $\epsilon_r = 34.7$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.73, 4.73, 4.73); Calibrated: 24/09/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Tilt Left - Middle/Area Scan (71x121x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.321 mW/g

Tilt Left - Middle/Zoom Scan (7x7x9) (7x7x9)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 5.50 V/m; Power Drift = 0.122 dB

Peak SAR (extrapolated) = 0.324 W/kg

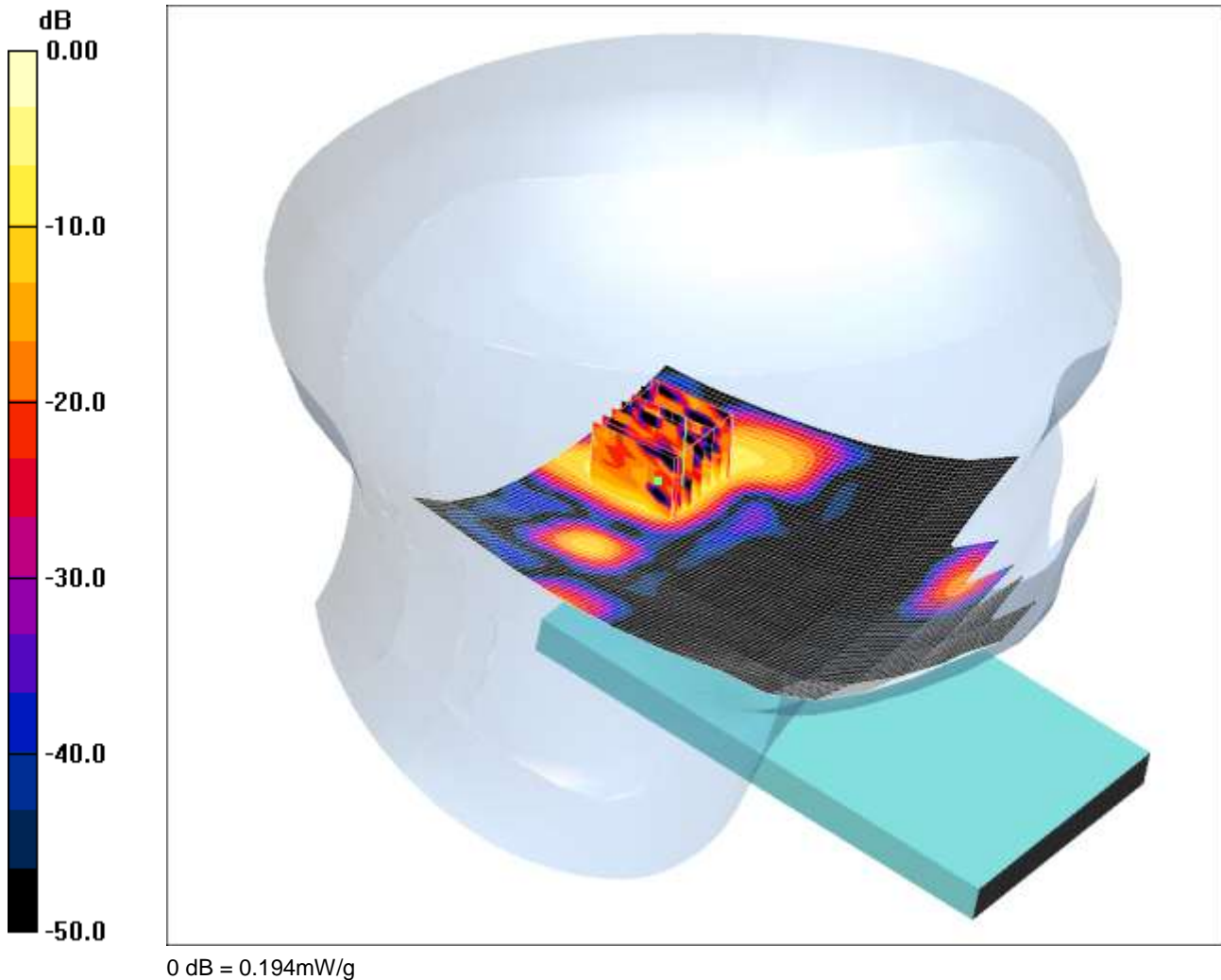
SAR(1 g) = 0.087 mW/g; SAR(10 g) = 0.026 mW/g

Maximum value of SAR (measured) = 0.180 mW/g

SCN/90574/123: Tilt Left 802.11a 6Mbps CH104

Date: 27/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU6L



Communication System: WLAN 802.11a UNII; Frequency: 5520 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used (interpolated): $f = 5520$ MHz; $\sigma = 5.16$ mho/m; $\epsilon_r = 34.3$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.54, 4.54, 4.54); Calibrated: 24/09/2012

- Sensor-Surface: 3mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Tilt Left - Middle/Area Scan (71x121x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.300 mW/g

Tilt Left - Middle/Zoom Scan (7x7x9) (7x7x9)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 5.21 V/m; Power Drift = 0.054 dB

Peak SAR (extrapolated) = 0.351 W/kg

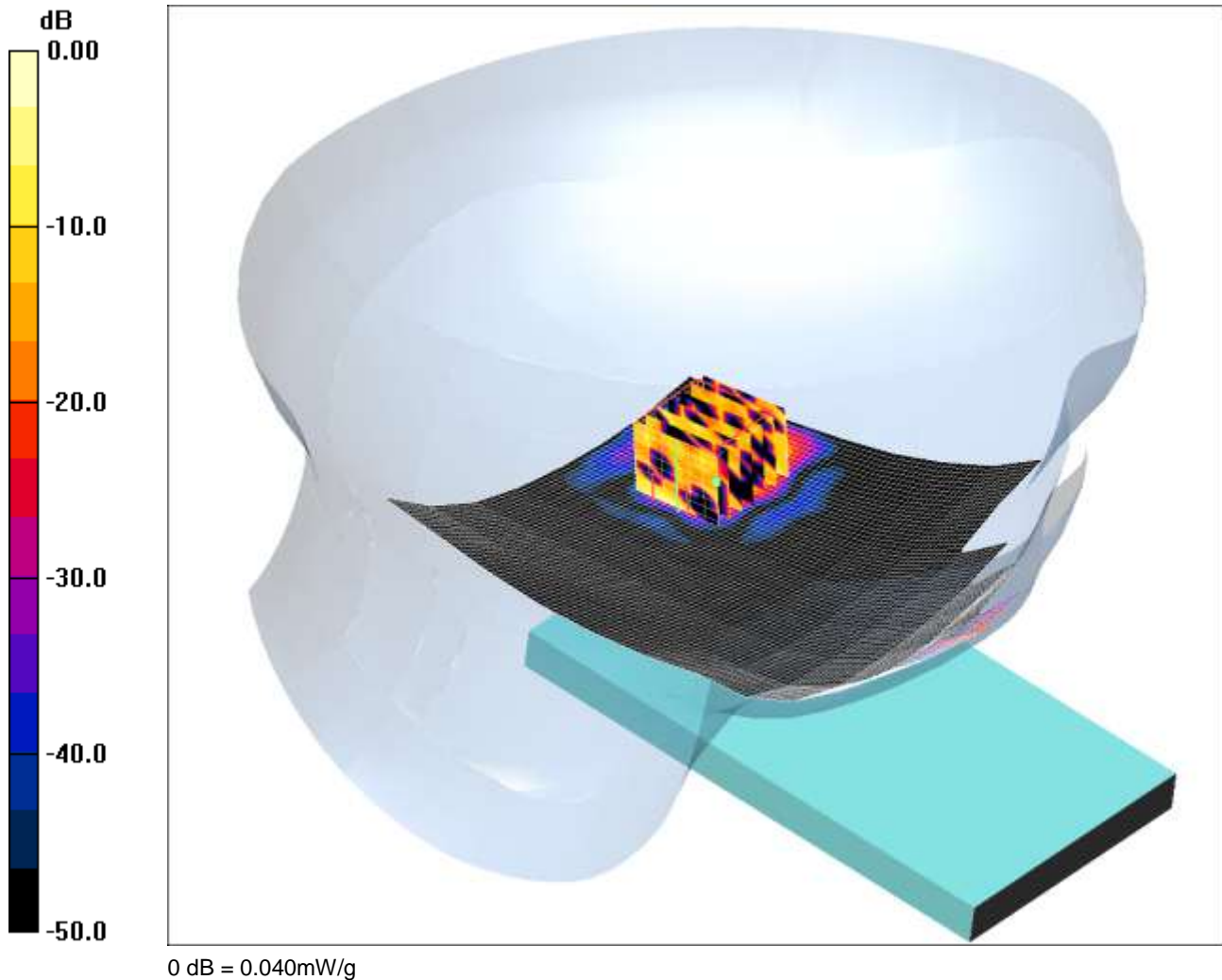
SAR(1 g) = 0.087 mW/g; SAR(10 g) = 0.025 mW/g

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

SCN/90574/124: Tilt Left 802.11a 6Mbps CH149

Date: 27/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU6L



Communication System: WLAN 802.11a UNII; Frequency: 5745 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used (interpolated): $f = 5745$ MHz; $\sigma = 5.42$ mho/m; $\epsilon_r = 33.9$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.5, 4.5, 4.5); Calibrated: 24/09/2012

- Sensor-Surface: 3mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Tilt Left - Middle/Area Scan (71x121x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.021 mW/g

Tilt Left - Middle/Zoom Scan (7x7x9) 2 (7x7x9)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 1.89 V/m; Power Drift = 0.158 dB

Peak SAR (extrapolated) = 0.148 W/kg

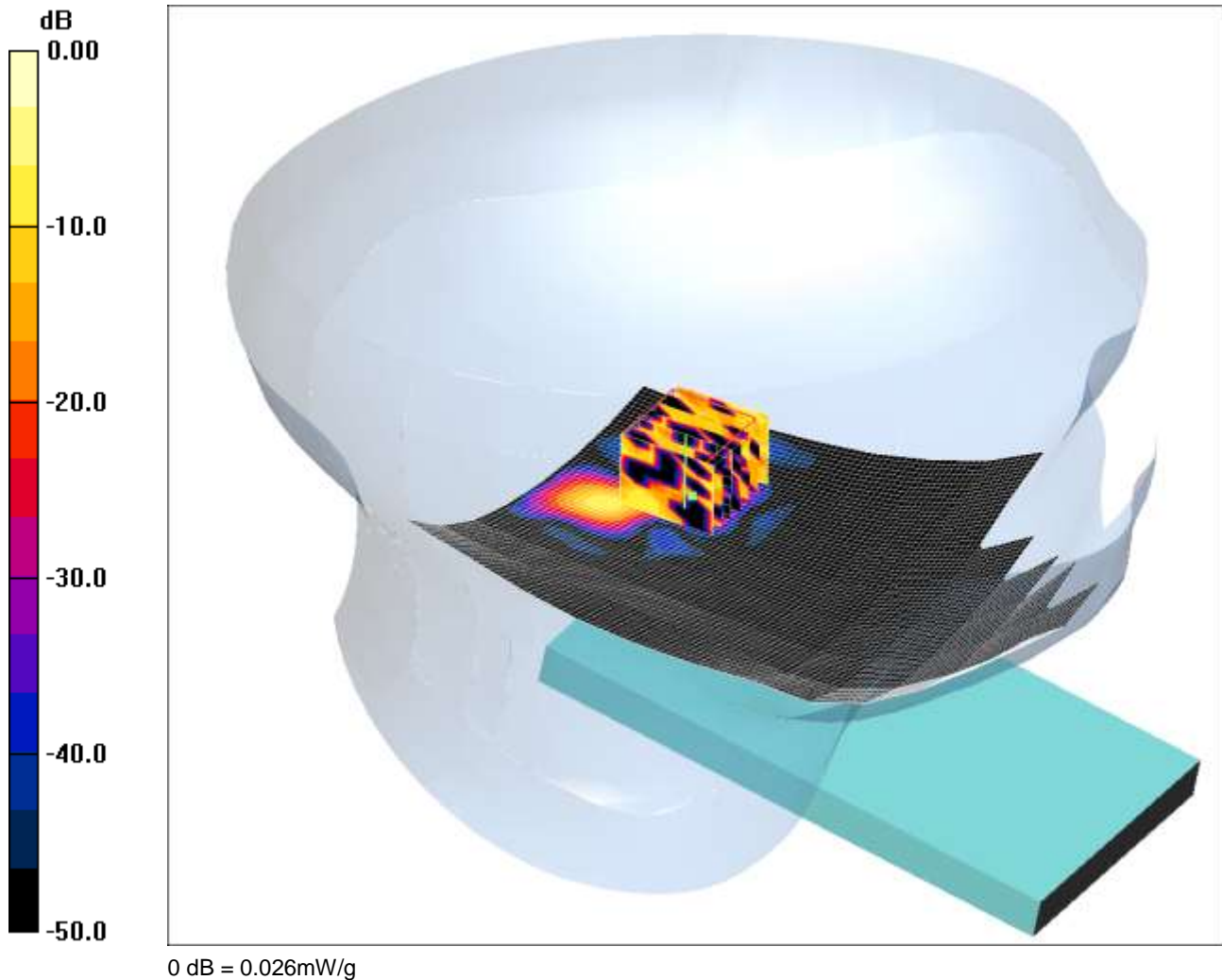
SAR(1 g) = 0.017 mW/g; SAR(10 g) = 0.00454 mW/g

Maximum value of SAR (measured) = 0.040 mW/g

SCN/90574/125: Tilt Left 802.11n HT40 6Mbps CH38

Date: 27/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU6L



0 dB = 0.026mW/g

Communication System: WLAN 802.11n HT40; Frequency: 5190 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used (interpolated): $f = 5190$ MHz; $\sigma = 4.78$ mho/m; $\epsilon_r = 34.9$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(5.06, 5.06, 5.06); Calibrated: 24/09/2012

- Sensor-Surface: 3mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Tilt Left - Middle/Area Scan (71x121x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.01 mW/g

Tilt Left - Middle/Zoom Scan (7x7x9) (7x7x9)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 1.26 V/m; Power Drift = -0.049 dB

Peak SAR (extrapolated) = 0.054 W/kg

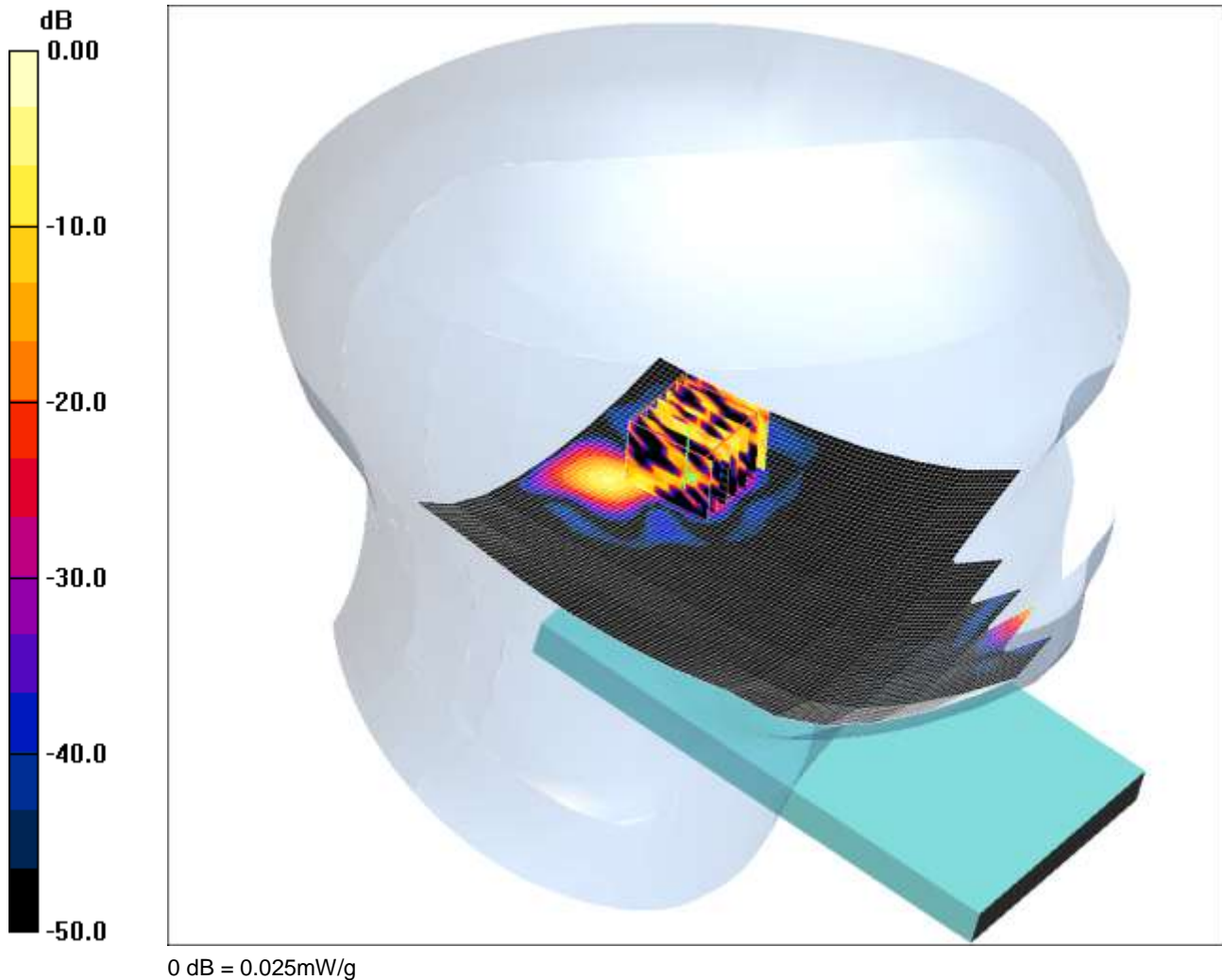
SAR(1 g) = 0.00955 mW/g; SAR(10 g) = 0.00159 mW/g

Maximum value of SAR (measured) = 0.026 mW/g

SCN/90574/126: Tilt Left 802.11n HT40 6Mbps CH54

Date: 27/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU6L



Communication System: WLAN 802.11n HT40; Frequency: 5270 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used (interpolated): $f = 5270$ MHz; $\sigma = 4.88$ mho/m; $\epsilon_r = 34.8$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.73, 4.73, 4.73); Calibrated: 24/09/2012

- Sensor-Surface: 3mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Tilt Left - Middle/Area Scan (71x121x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.015 mW/g

Tilt Left - Middle/Zoom Scan (7x7x9) (7x7x9)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 1.99 V/m; Power Drift = 0.031 dB

Peak SAR (extrapolated) = 0.061 W/kg

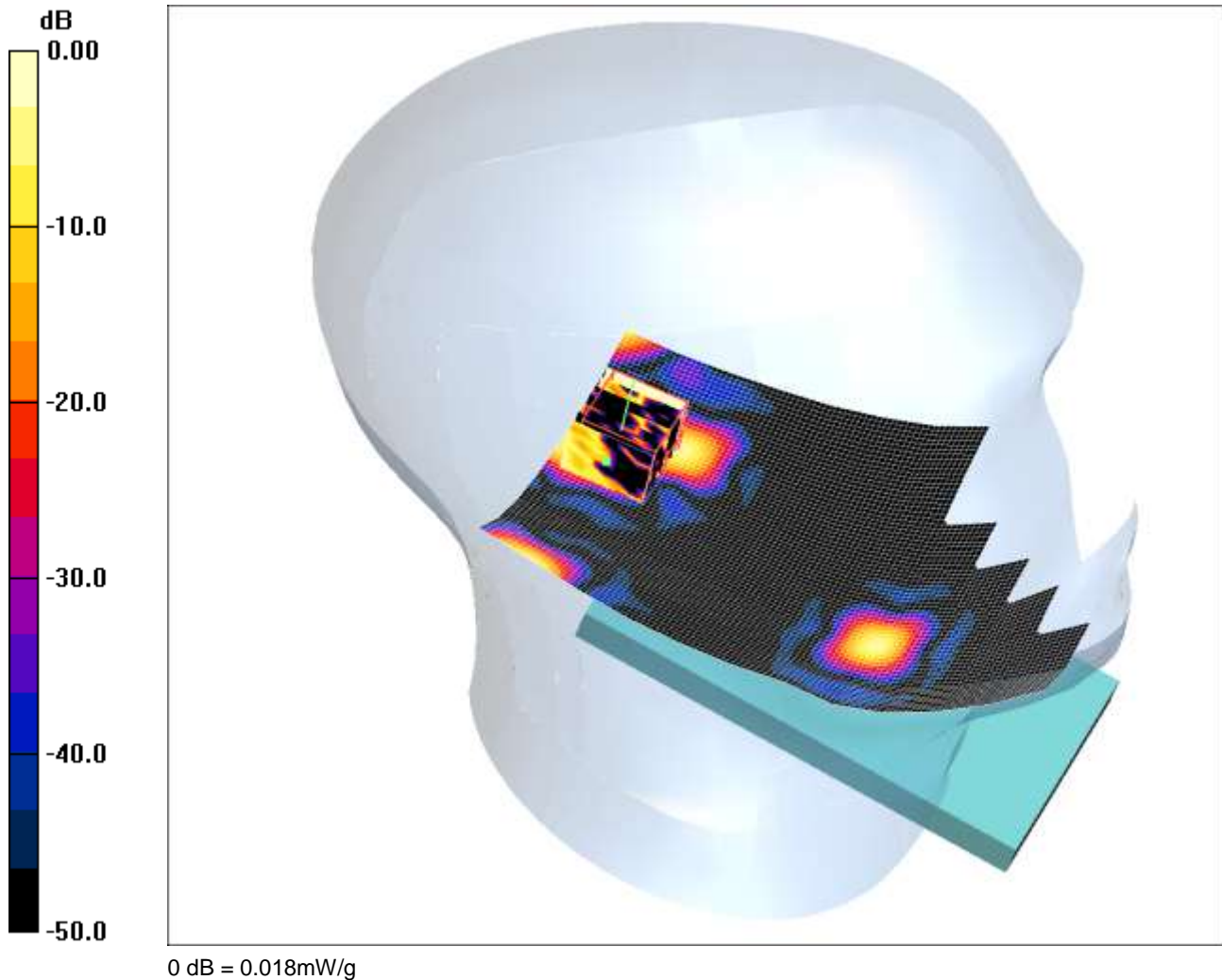
SAR(1 g) = 0.00992 mW/g; SAR(10 g) = 0.00174 mW/g

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

SCN/90574/127: Tilt Left 802.11n HT40 13.5Mbps CH126

Date: 27/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU6L



Communication System: WLAN 802.11n HT40; Frequency: 5630 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used (interpolated): $f = 5630$ MHz; $\sigma = 5.28$ mho/m; $\epsilon_r = 34.1$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.26, 4.26, 4.26); Calibrated: 24/09/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Tilt Left - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.01 mW/g

Tilt Left - Middle/Zoom Scan (7x7x9) 2 (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.861 V/m; Power Drift = 0.093 dB

Peak SAR (extrapolated) = 0.050 W/kg

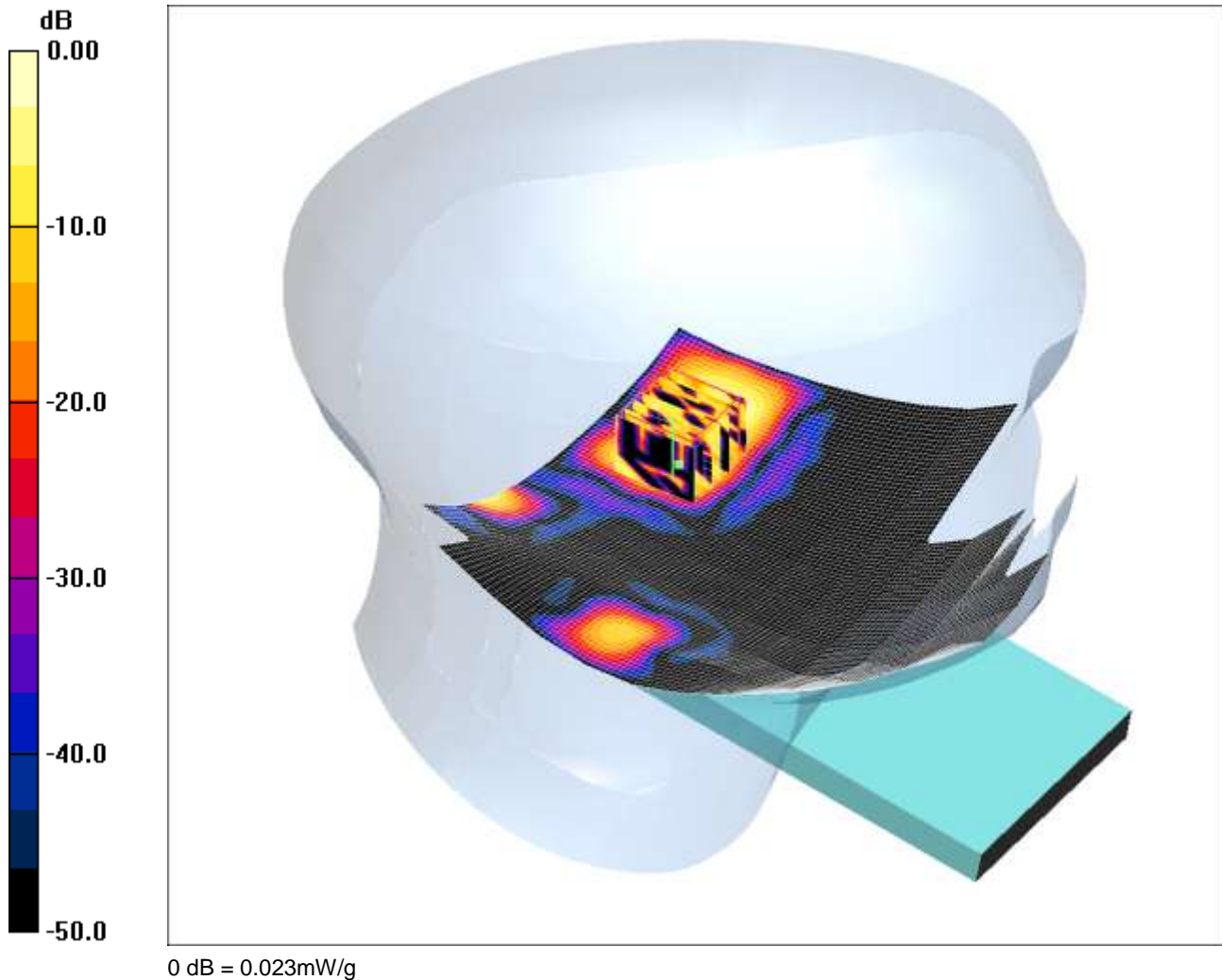
SAR(1 g) = 0.003 mW/g; SAR(10 g) = 0.000523 mW/g

Maximum value of SAR (measured) = 0.018 mW/g

SCN/90574/128: Tilt Left 802.11n HT40 13.5Mbps CH159

Date: 27/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU6L



0 dB = 0.023mW/g

Communication System: WLAN 802.11n HT40; Frequency: 5795 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used (interpolated): $f = 5795$ MHz; $\sigma = 5.48$ mho/m; $\epsilon_r = 33.8$; $\rho = 1000$ kg/m³

Phantom section: Left Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.5, 4.5, 4.5); Calibrated: 24/09/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Tilt Left - Middle/Area Scan 2 (91x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.032 mW/g

Tilt Left - Middle/Zoom Scan (7x7x9) 2 (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.536 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 0.105 W/kg

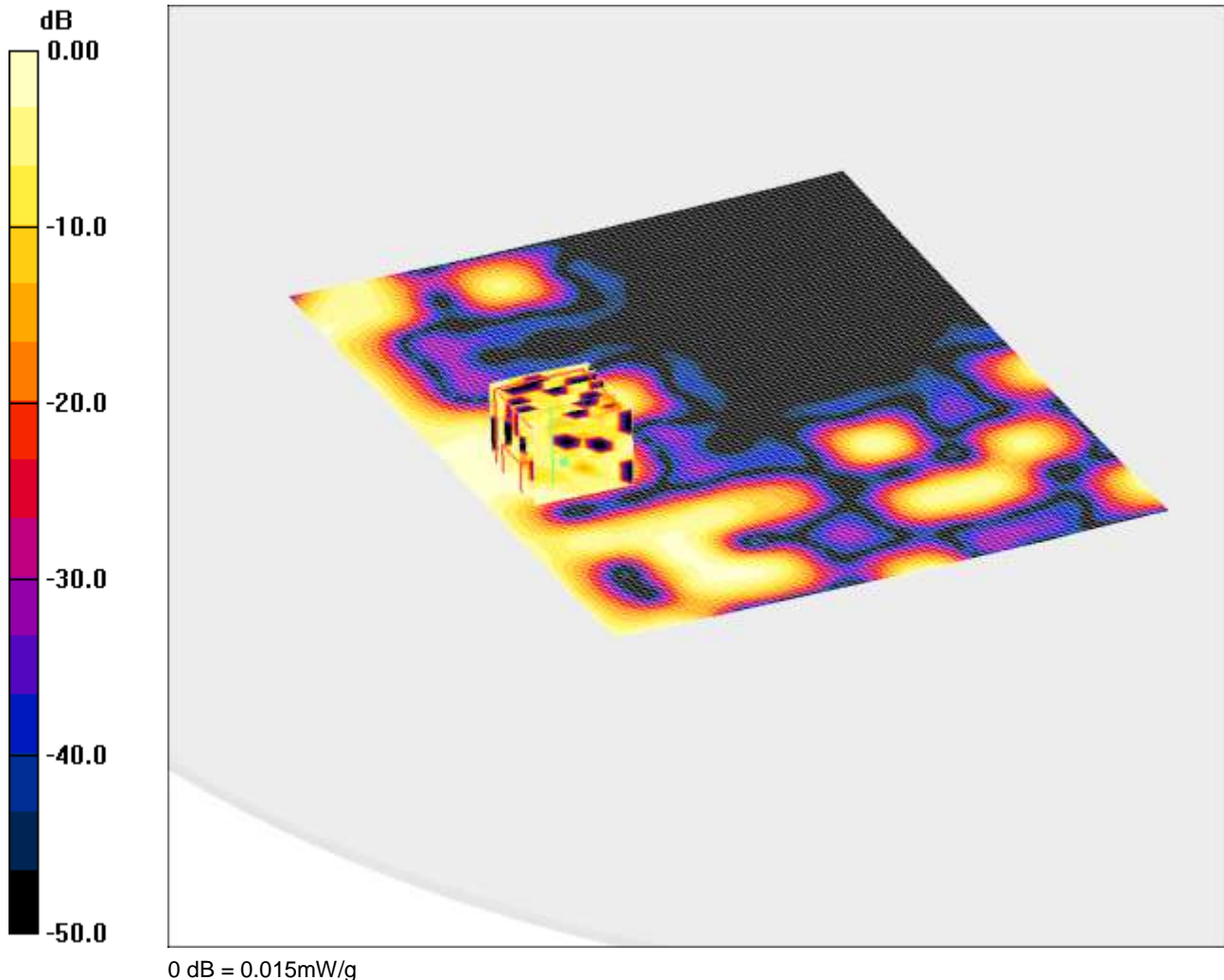
SAR(1 g) = 0.011 mW/g; SAR(10 g) = 0.00255 mW/g

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

SCN/90574/129: Front of EUT Facing Phantom 802.11a 6Mbps CH36

Date: 28/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU6L



Communication System: WLAN 802.11a UNII; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: 5800 MHz MSL Medium parameters used (interpolated): $f = 5180$ MHz; $\sigma = 5.35$ mho/m; $\epsilon_r = 48.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.39, 4.39, 4.39); Calibrated: 24/09/2012

- Sensor-Surface: 3mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Front of EUT Facing Phantom- Middle/Area Scan 3 (91x121x1): Measurement grid: $dx=15$ mm, $dy=15$ mm

Maximum value of SAR (interpolated) = 0.029 mW/g

Front of EUT Facing Phantom- Middle/Zoom Scan (7x7x9) 2 2 2 (7x7x9)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2.5$ mm

Reference Value = 1.01 V/m; Power Drift = -0.011 dB

Peak SAR (extrapolated) = 0.053 W/kg

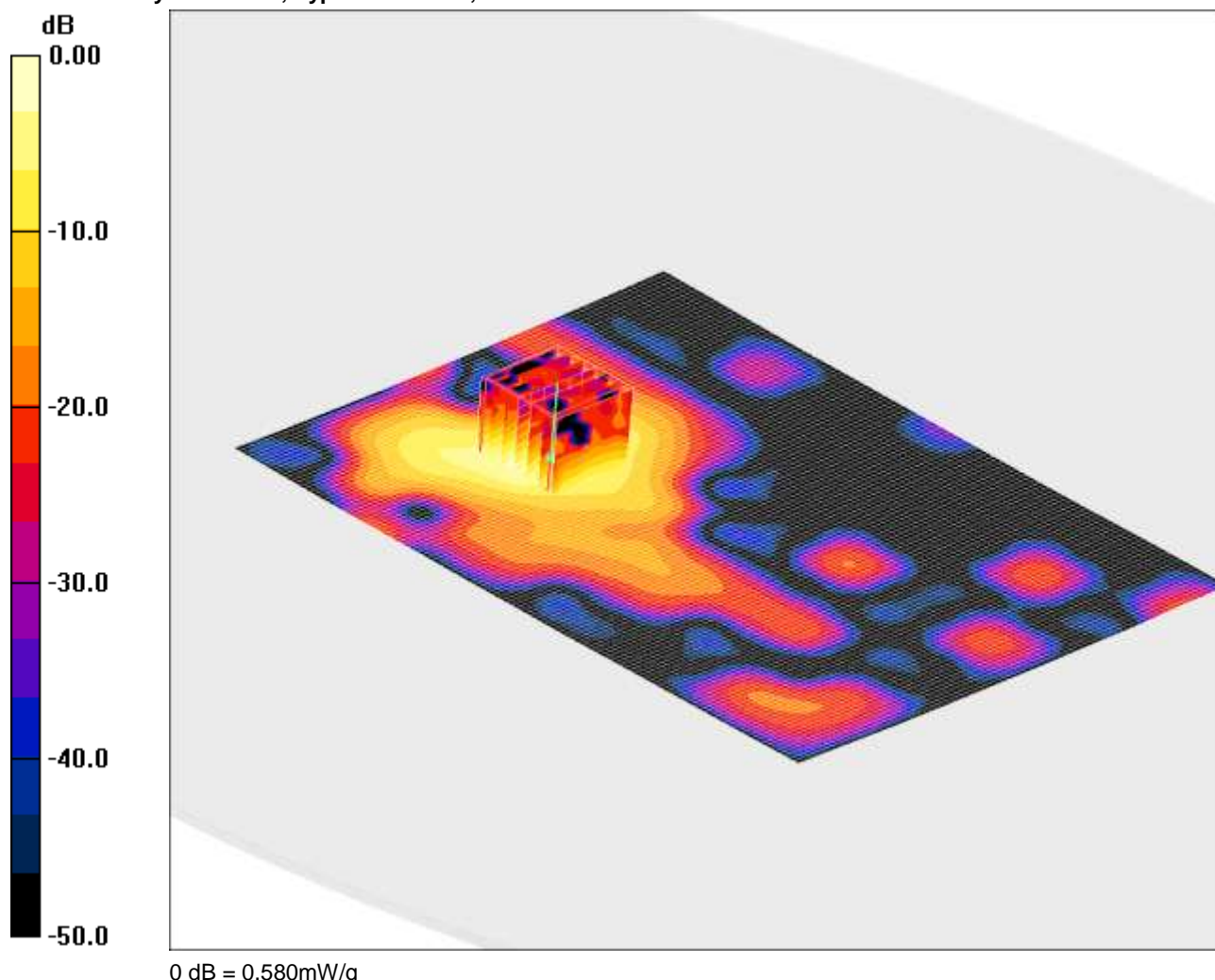
SAR(1 g) = 0.00657 mW/g; SAR(10 g) = 0.0026 mW/g

Maximum value of SAR (measured) = 0.015 mW/g

SCN/90574/130: Back of EUT Facing Phantom 802.11a 6Mbps CH36

Date: 28/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU6L



Communication System: WLAN 802.11a UNII; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: 5800 MHz MSL Medium parameters used (interpolated): $f = 5180$ MHz; $\sigma = 5.35$ mho/m; $\epsilon_r = 48.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.39, 4.39, 4.39); Calibrated: 24/09/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom- Middle/Area Scan (91x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.458 mW/g

Back of EUT Facing Phantom- Middle/Zoom Scan (7x7x9) (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.25 V/m; Power Drift = 0.012 dB

Peak SAR (extrapolated) = 0.993 W/kg

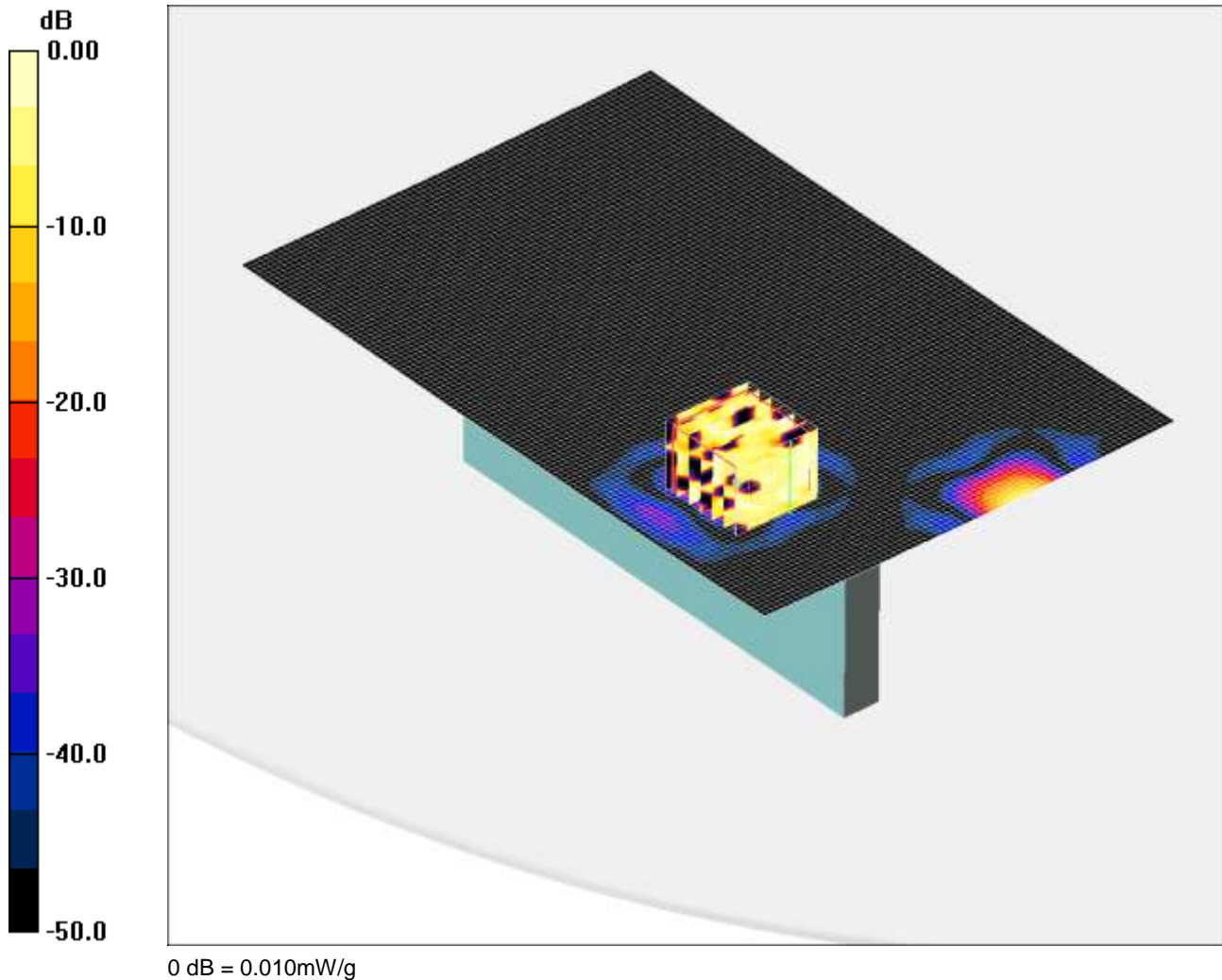
SAR(1 g) = 0.304 mW/g; SAR(10 g) = 0.099 mW/g

Maximum value of SAR (measured) = 0.580 mW/g

SCN/90574/131: Left Hand Side of EUT Facing Phantom 802.11a 6Mbps CH36

Date: 28/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU6L



Communication System: WLAN 802.11a UNII; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: 5800 MHz MSL Medium parameters used (interpolated): $f = 5180$ MHz; $\sigma = 5.35$ mho/m; $\epsilon_r = 48.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.39, 4.39, 4.39); Calibrated: 24/09/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Left Hand Side of EUT Facing Phantom- Middle/Area Scan 2 (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.01 mW/g

Left Hand Side of EUT Facing Phantom- Middle/Zoom Scan (7x7x9) 2 (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.659 V/m; Power Drift = 0.069 dB

Peak SAR (extrapolated) = 0.020 W/kg

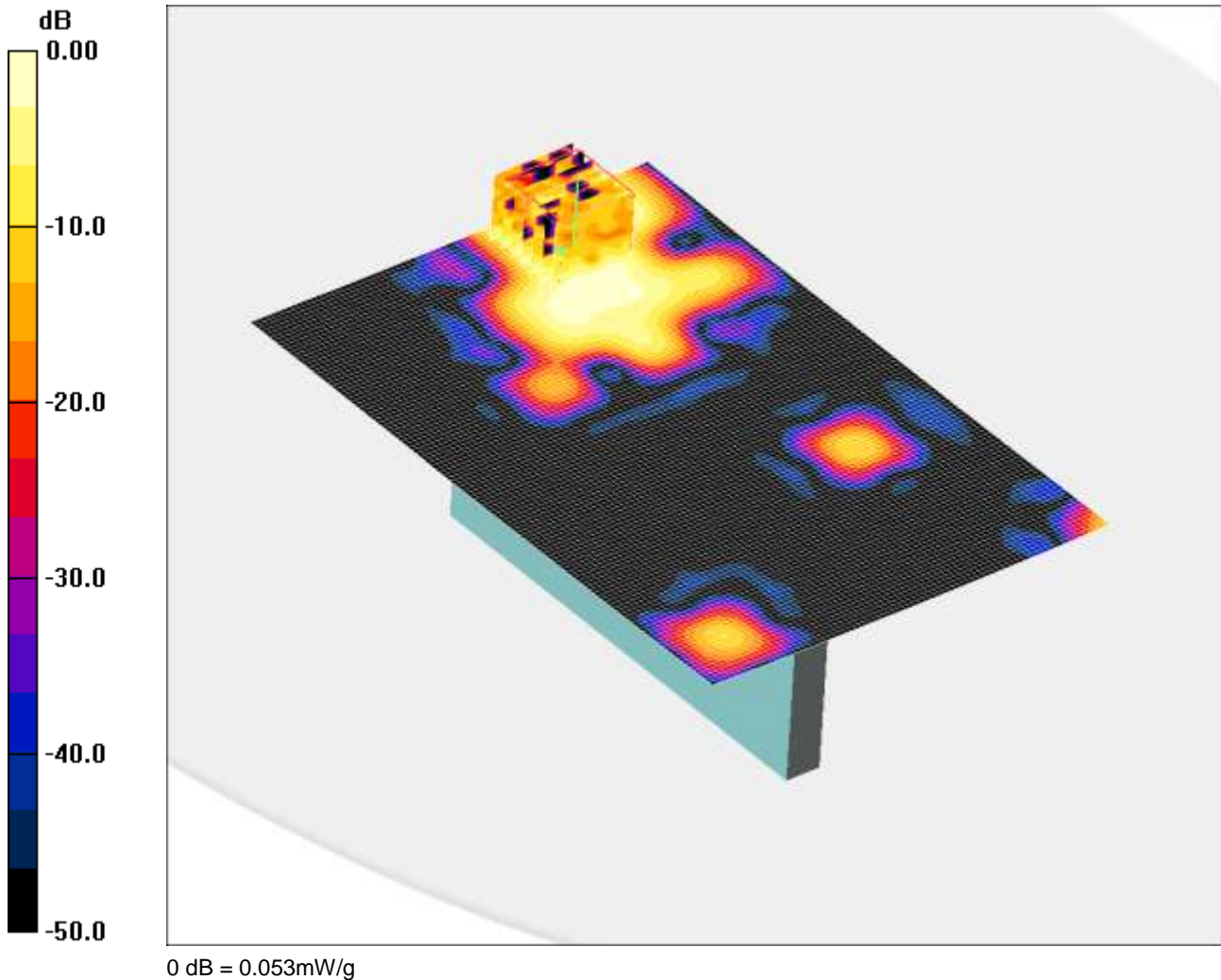
SAR(1 g) = 0.000807 mW/g; SAR(10 g) = 0.000147 mW/g

Maximum value of SAR (measured) = 0.010 mW/g

SCN/90574/132: Right Hand Side of EUT Facing Phantom 802.11a 6Mbps CH36

Date: 27/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU6L



Communication System: WLAN 802.11a UNII; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: 5800 MHz MSL Medium parameters used (interpolated): $f = 5180$ MHz; $\sigma = 5.35$ mho/m; $\epsilon_r = 48.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.39, 4.39, 4.39); Calibrated: 24/09/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Right Hand Side of EUT Facing Phantom- Middle/Area Scan 2 (81x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.064 mW/g

Right Hand Side of EUT Facing Phantom- Middle/Zoom Scan (7x7x9) (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.54 V/m; Power Drift = 0.090 dB

Peak SAR (extrapolated) = 0.266 W/kg

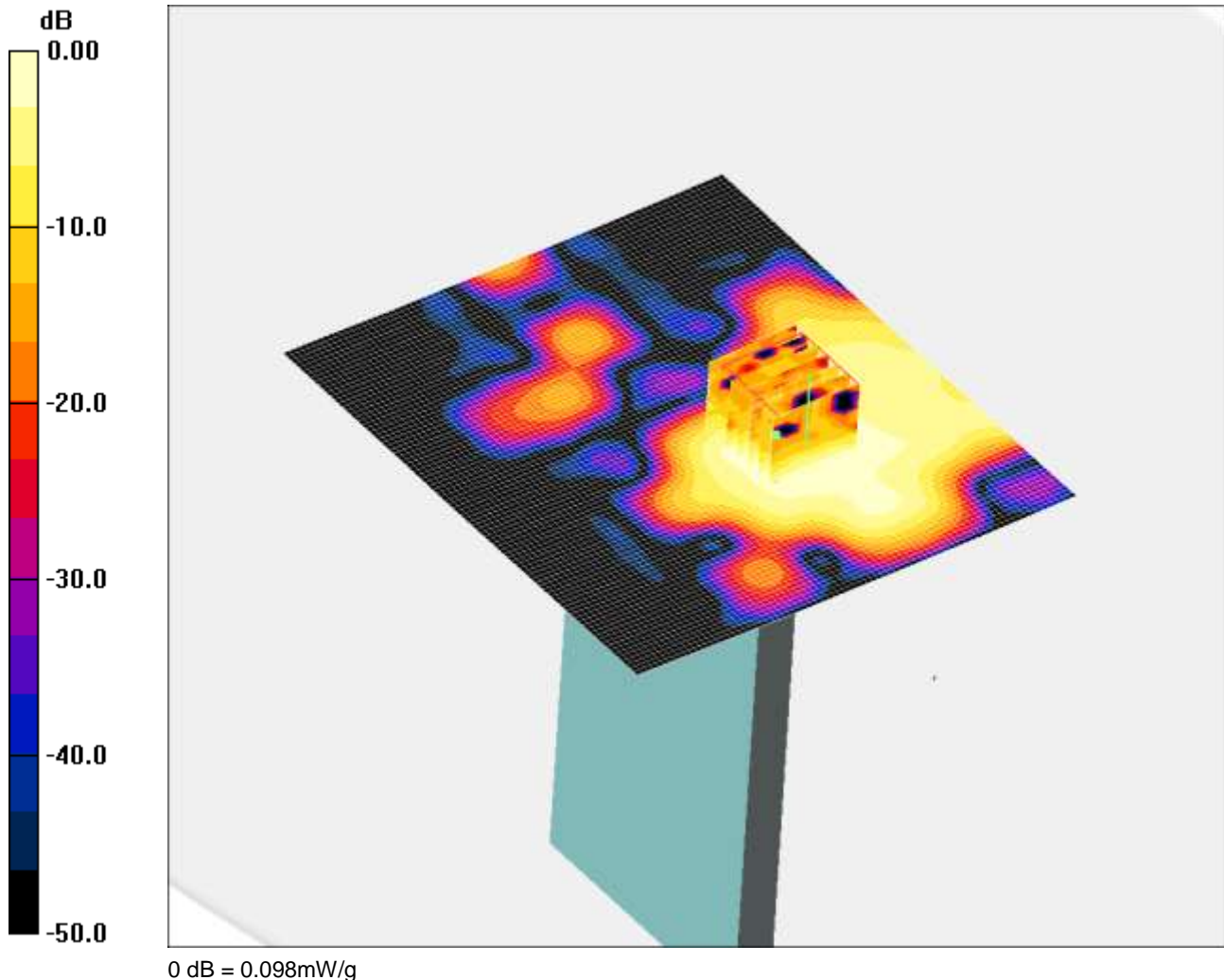
SAR(1 g) = 0.027 mW/g; SAR(10 g) = 0.011 mW/g

Maximum value of SAR (measured) = 0.053 mW/g

SCN/90574/133: Top of EUT Facing Phantom 802.11a 6Mbps CH36

Date: 28/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU6L



Communication System: WLAN 802.11a UNII; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: 5800 MHz MSL Medium parameters used (interpolated): $f = 5180$ MHz; $\sigma = 5.35$ mho/m; $\epsilon_r = 48.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.39, 4.39, 4.39); Calibrated: 24/09/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Top of EUT Facing Phantom- Middle/Area Scan 2 (81x91x1): Measurement grid: dx=15mm, dy=15mm

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

Top of EUT Facing Phantom- Middle/Zoom Scan (7x7x9) 2 (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.37 V/m; Power Drift = -0.139 dB

Peak SAR (extrapolated) = 0.172 W/kg

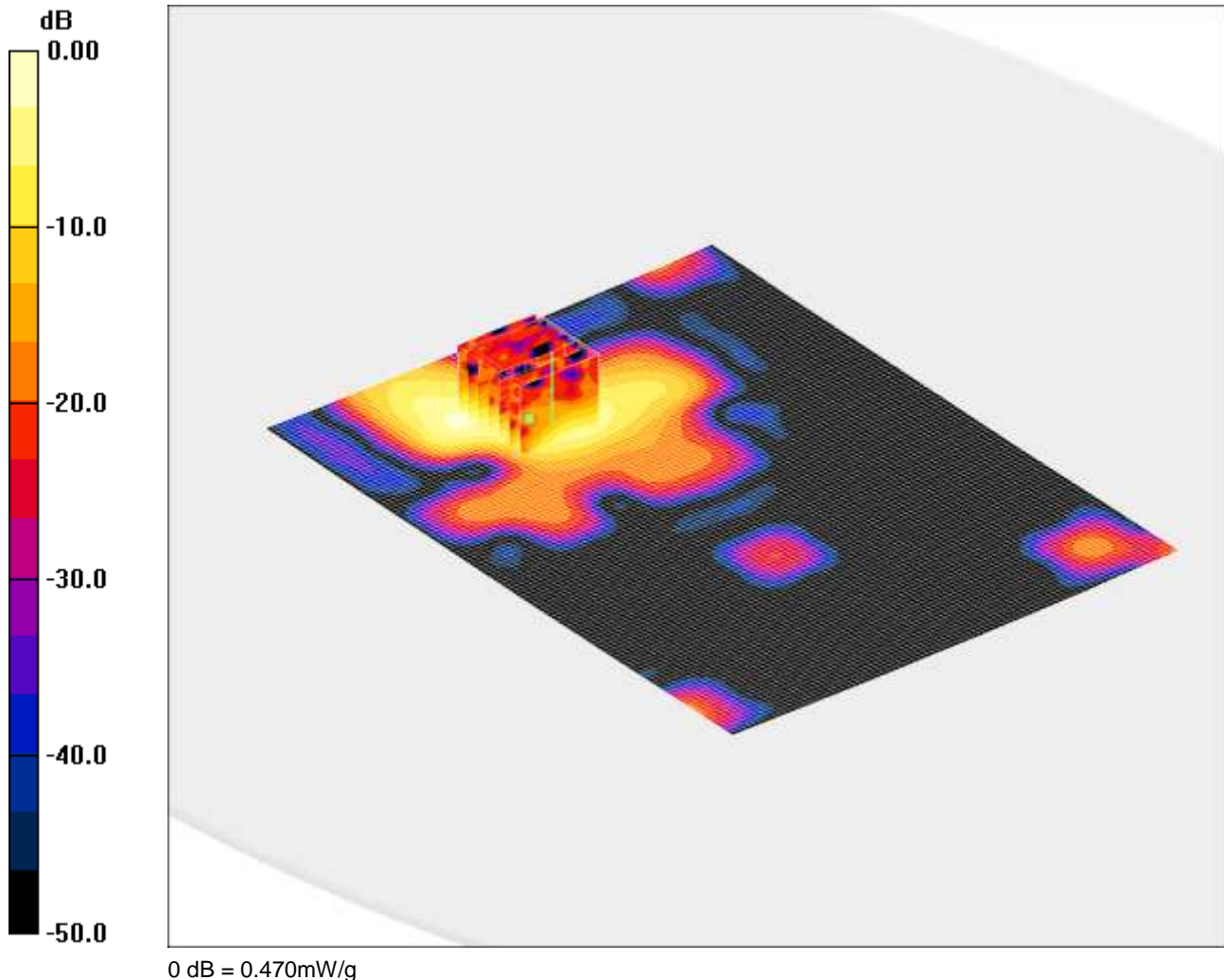
SAR(1 g) = 0.052 mW/g; SAR(10 g) = 0.021 mW/g

Maximum value of SAR (measured) = 0.098 mW/g

SCN/90574/134: Back of EUT Facing Phantom 802.11a 6Mbps CH64

Date: 29/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU6L



Communication System: WLAN 802.11a UNII; Frequency: 5320 MHz; Duty Cycle: 1:1

Medium: 5800 MHz MSL Medium parameters used (interpolated): $f = 5320$ MHz; $\sigma = 5.52$ mho/m; $\epsilon_r = 48.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.11, 4.11, 4.11); Calibrated: 24/09/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom- Middle/Area Scan (91x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.305 mW/g

Back of EUT Facing Phantom- Middle/Zoom Scan (7x7x9) (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 6.21 V/m; Power Drift = 0.036 dB

Peak SAR (extrapolated) = 0.773 W/kg

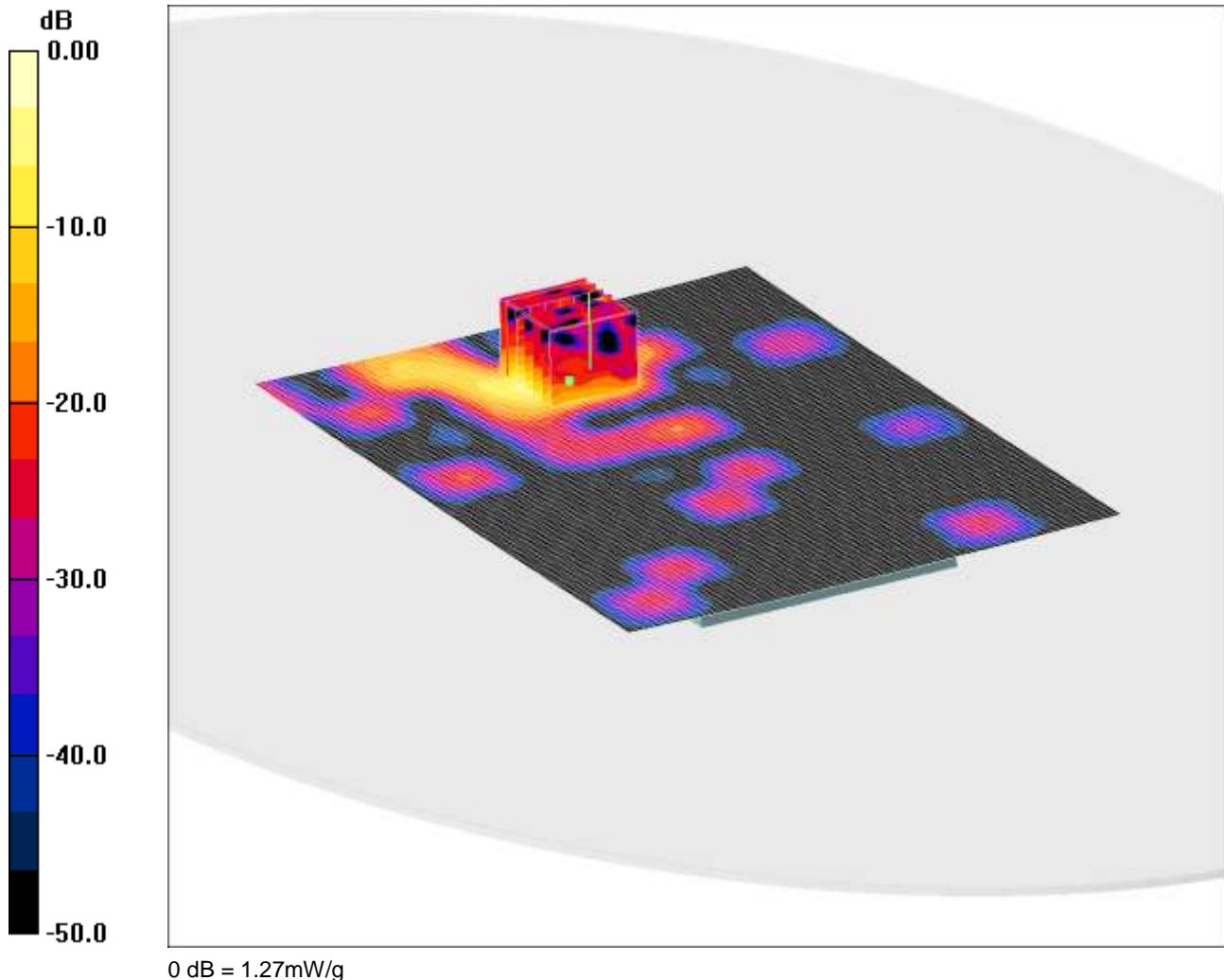
SAR(1 g) = 0.233 mW/g; SAR(10 g) = 0.075 mW/g

Maximum value of SAR (measured) = 0.470 mW/g

SCN/90574/135: Back of EUT Facing Phantom 802.11a 6Mbps CH104

Date: 29/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU6L



Communication System: WLAN 802.11a UNII; Frequency: 5520 MHz; Duty Cycle: 1:1

Medium: 5800 MHz MSL Medium parameters used (interpolated): $f = 5520$ MHz; $\sigma = 5.81$ mho/m; $\epsilon_r = 47.6$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.02, 4.02, 4.02); Calibrated: 24/09/2012

- Sensor-Surface: 3mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom- Middle/Area Scan (91x121x1): Measurement grid: dx=15mm, dy=15mm

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

Back of EUT Facing Phantom- Middle/Zoom Scan (7x7x9) (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 2.94 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.37 W/kg

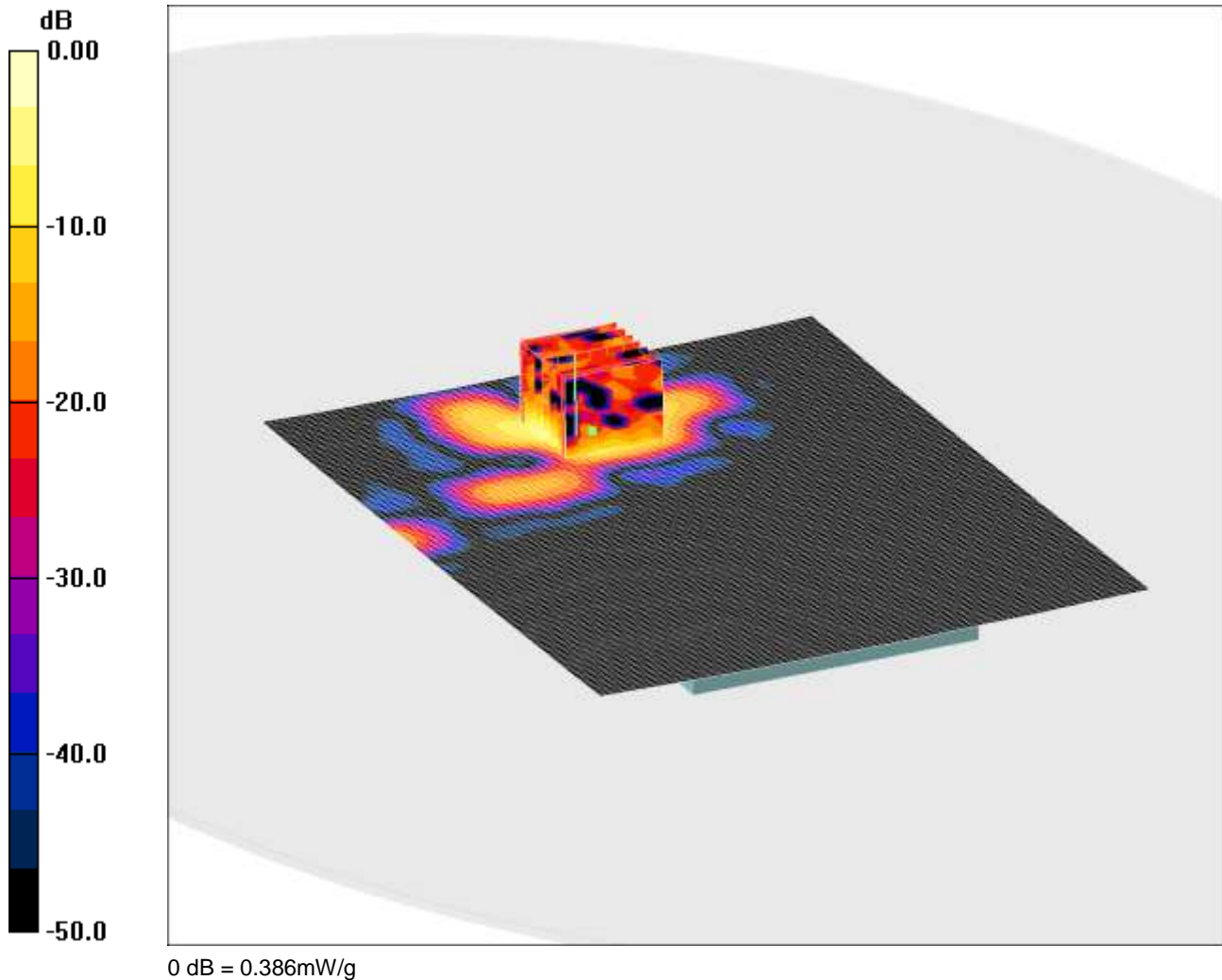
SAR(1 g) = 0.231 mW/g; SAR(10 g) = 0.061 mW/g

Maximum value of SAR (measured) = 1.27 mW/g

SCN/90574/136: Back of EUT Facing Phantom 802.11a 6Mbps CH149

Date: 29/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU6L



Communication System: WLAN 802.11a UNII; Frequency: 5745 MHz; Duty Cycle: 1:1

Medium: 5800 MHz MSL Medium parameters used (interpolated): $f = 5745$ MHz; $\sigma = 6.13$ mho/m; $\epsilon_r = 47.1$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(3.97, 3.97, 3.97); Calibrated: 24/09/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom- Middle/Area Scan (91x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.379 mW/g

Back of EUT Facing Phantom- Middle/Zoom Scan (7x7x9) (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 5.63 V/m; Power Drift = -0.122 dB

Peak SAR (extrapolated) = 0.665 W/kg

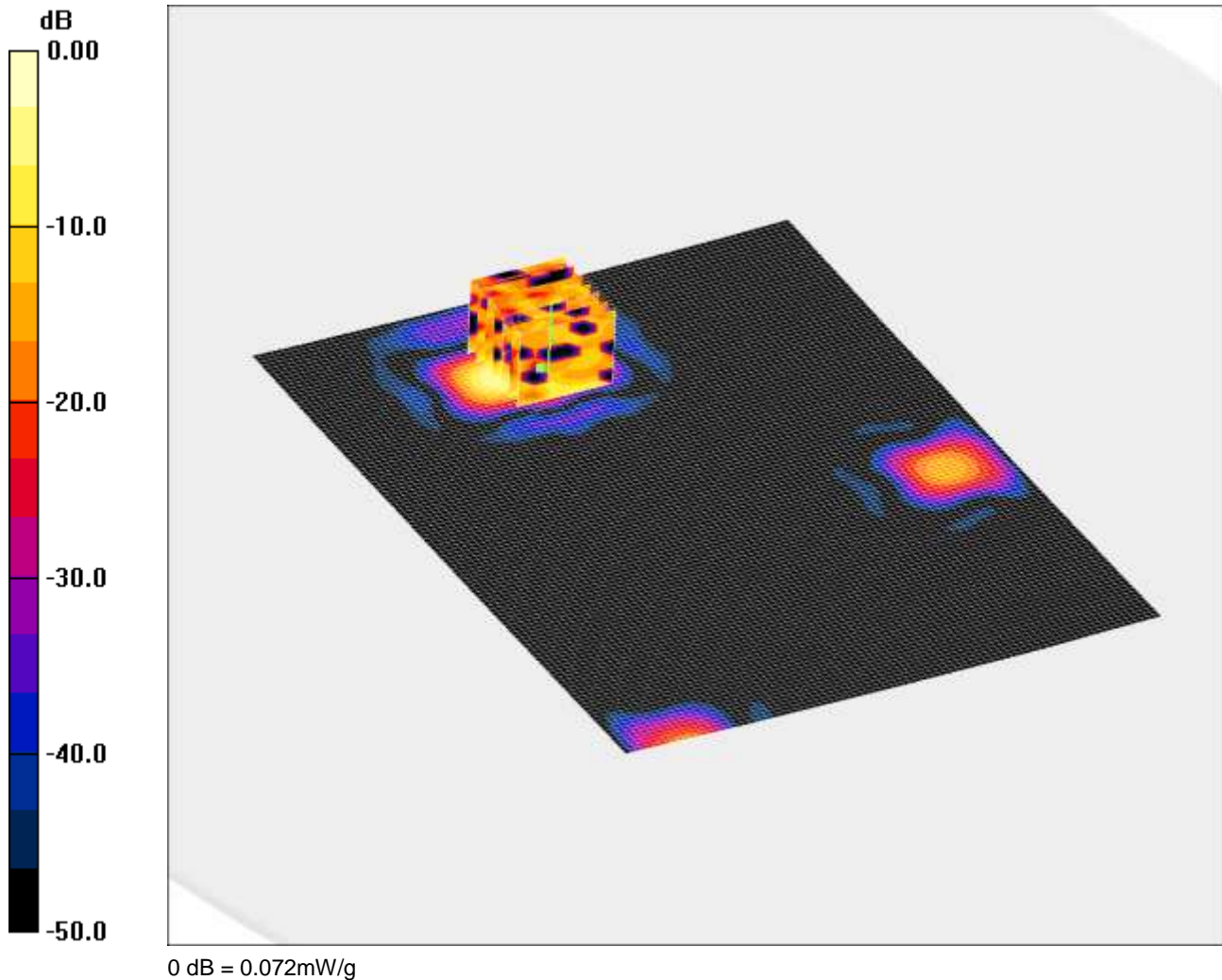
SAR(1 g) = 0.180 mW/g; SAR(10 g) = 0.052 mW/g

Maximum value of SAR (measured) = 0.386 mW/g

SCN/90574/137: Back of EUT Facing Phantom 802.11n HT40 13.5Mbps CH38

Date: 28/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU6L



Communication System: WLAN 802.11n HT40; Frequency: 5190 MHz; Duty Cycle: 1:1

Medium: 5800 MHz MSL Medium parameters used (interpolated): $f = 5190$ MHz; $\sigma = 5.36$ mho/m; $\epsilon_r = 48.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.39, 4.39, 4.39); Calibrated: 24/09/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom- Middle/Area Scan (91x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.065 mW/g

Back of EUT Facing Phantom- Middle/Zoom Scan (7x7x9) (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 0.693 V/m; Power Drift = -0.058 dB

Peak SAR (extrapolated) = 0.197 W/kg

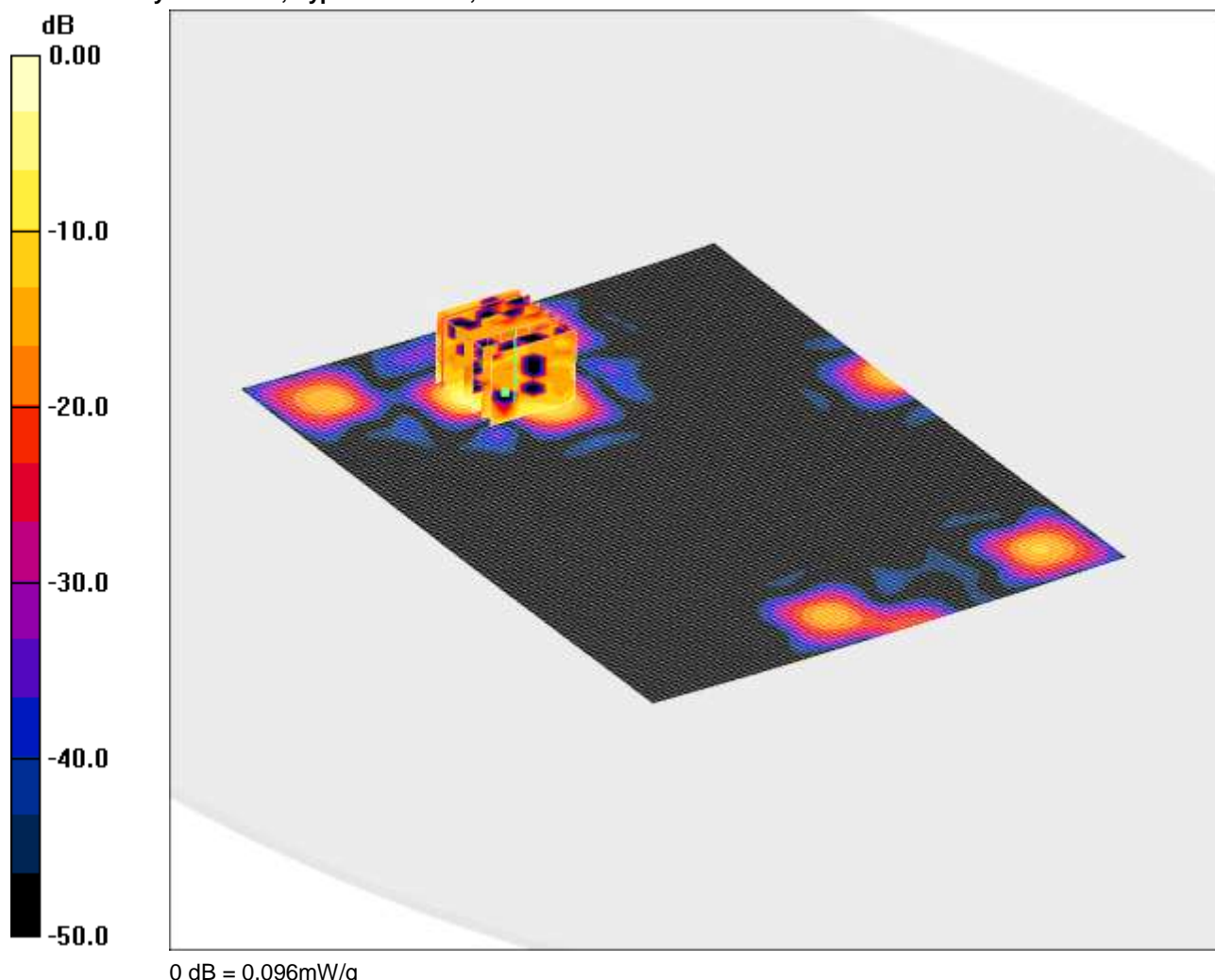
SAR(1 g) = 0.033 mW/g; SAR(10 g) = 0.00972 mW/g

Maximum value of SAR (measured) = 0.072 mW/g

SCN/90574/138: Back of EUT Facing Phantom 802.11n HT40 13.5Mbps CH54

Date: 29/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU6L



Communication System: WLAN 802.11n HT40; Frequency: 5270 MHz; Duty Cycle: 1:1

Medium: 5800 MHz MSL Medium parameters used (interpolated): $f = 5270$ MHz; $\sigma = 5.46$ mho/m; $\epsilon_r = 48.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.11, 4.11, 4.11); Calibrated: 24/09/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom- Middle/Area Scan (91x121x1): Measurement grid: dx=15mm, dy=15mm

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

Back of EUT Facing Phantom- Middle/Zoom Scan (7x7x9) (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.01 V/m; Power Drift = -0.208 dB

Peak SAR (extrapolated) = 0.236 W/kg

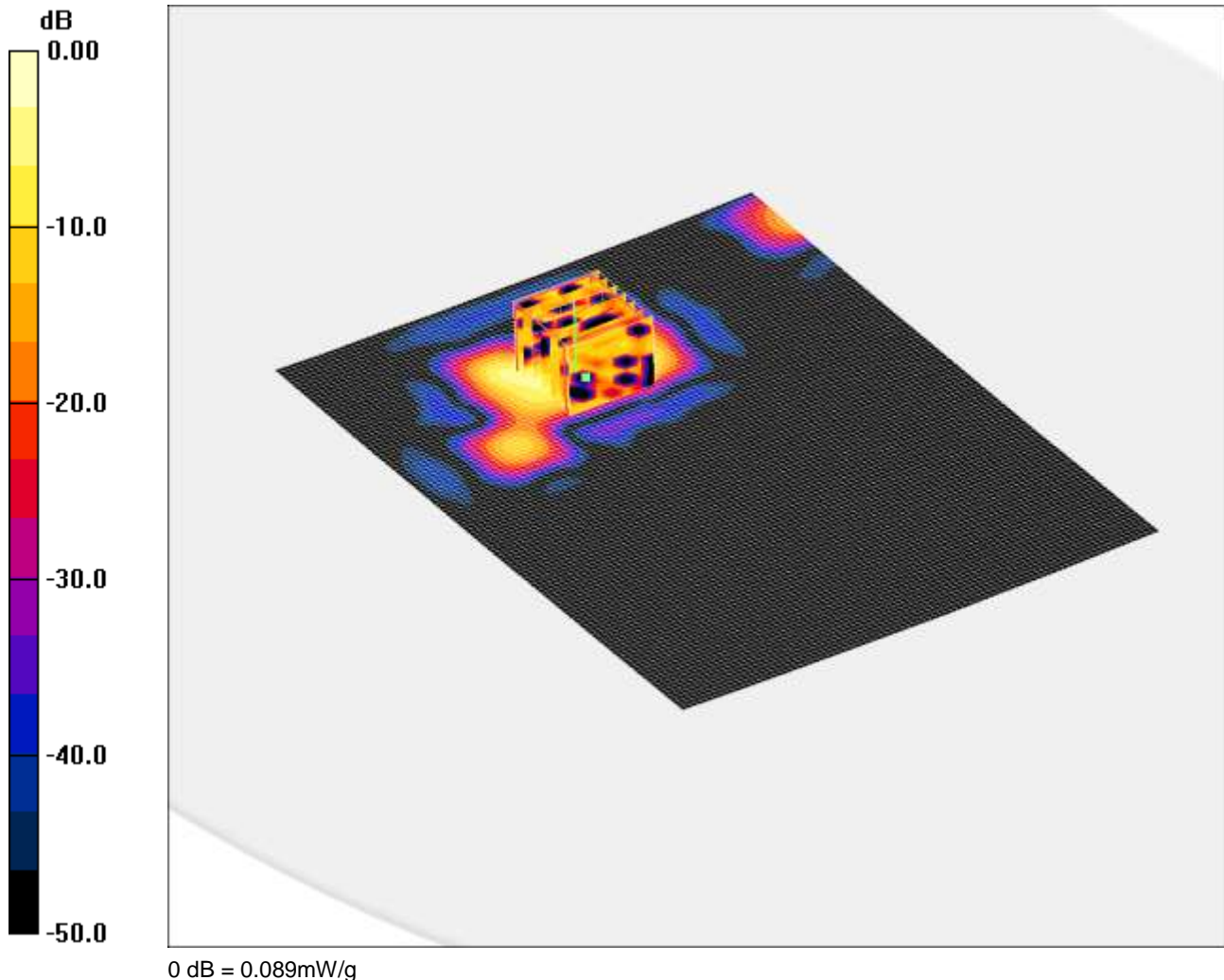
SAR(1 g) = 0.044 mW/g; SAR(10 g) = 0.013 mW/g

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

SCN/90574/139: Back of EUT Facing Phantom 802.11n HT40 13.5Mbps CH126

Date: 29/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU6L



Communication System: WLAN 802.11n HT40; Frequency: 5630 MHz; Duty Cycle: 1:1

Medium: 5800 MHz MSL Medium parameters used (interpolated): $f = 5630$ MHz; $\sigma = 5.97$ mho/m; $\epsilon_r = 47.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(3.71, 3.71, 3.71); Calibrated: 24/09/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom- Middle/Area Scan (91x121x1): Measurement grid: dx=15mm, dy=15mm

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

Back of EUT Facing Phantom- Middle/Zoom Scan (7x7x9) (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.03 V/m; Power Drift = 0.148 dB

Peak SAR (extrapolated) = 0.262 W/kg

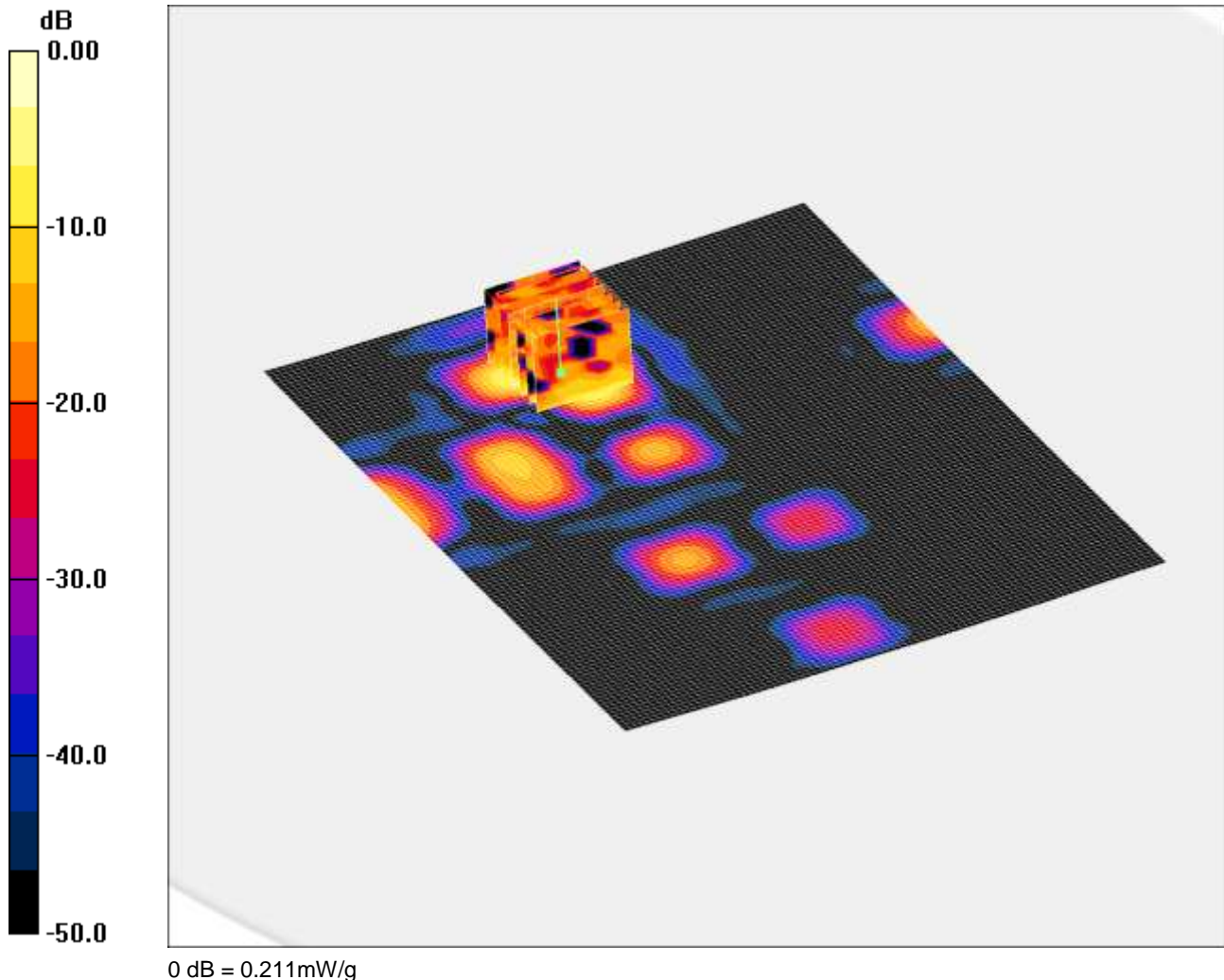
SAR(1 g) = 0.040 mW/g; SAR(10 g) = 0.011 mW/g

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

SCN/90574/140: Back of EUT Facing Phantom 802.11n HT40 13.5Mbps CH159

Date: 29/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU6L



0 dB = 0.211mW/g

Communication System: WLAN 802.11n HT40; Frequency: 5795 MHz; Duty Cycle: 1:1

Medium: 5800 MHz MSL Medium parameters used (interpolated): $f = 5795$ MHz; $\sigma = 6.25$ mho/m; $\epsilon_r = 47$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(3.97, 3.97, 3.97); Calibrated: 24/09/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom- Middle/Area Scan (91x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.202 mW/g

Back of EUT Facing Phantom- Middle/Zoom Scan (7x7x9) (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.49 V/m; Power Drift = -0.108 dB

Peak SAR (extrapolated) = 0.348 W/kg

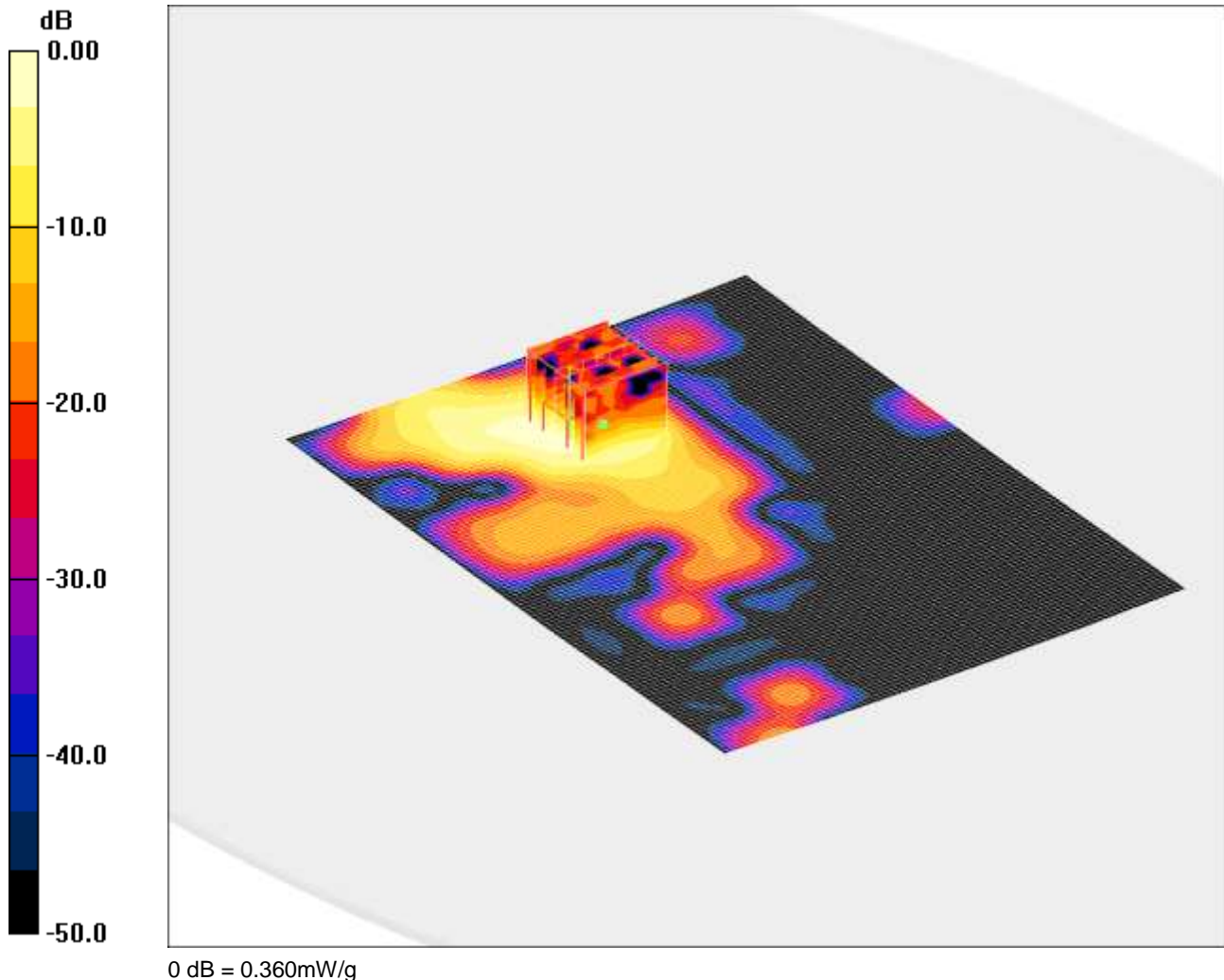
SAR(1 g) = 0.091 mW/g; SAR(10 g) = 0.027 mW/g

Maximum value of SAR (measured) = 0.211 mW/g

SCN/90574/141: Back of EUT Facing Phantom at 15mm 802.11a 6Mbps CH36

Date: 29/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU6L



Communication System: WLAN 802.11a UNII; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: 5800 MHz MSL Medium parameters used (interpolated): $f = 5180$ MHz; $\sigma = 5.35$ mho/m; $\epsilon_r = 48.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.39, 4.39, 4.39); Calibrated: 24/09/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom at 15mm- Middle/Area Scan (91x121x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.290 mW/g

Back of EUT Facing Phantom at 15mm- Middle/Zoom Scan (7x7x9) 2 (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 1.62 V/m; Power Drift = -0.093 dB

Peak SAR (extrapolated) = 0.607 W/kg

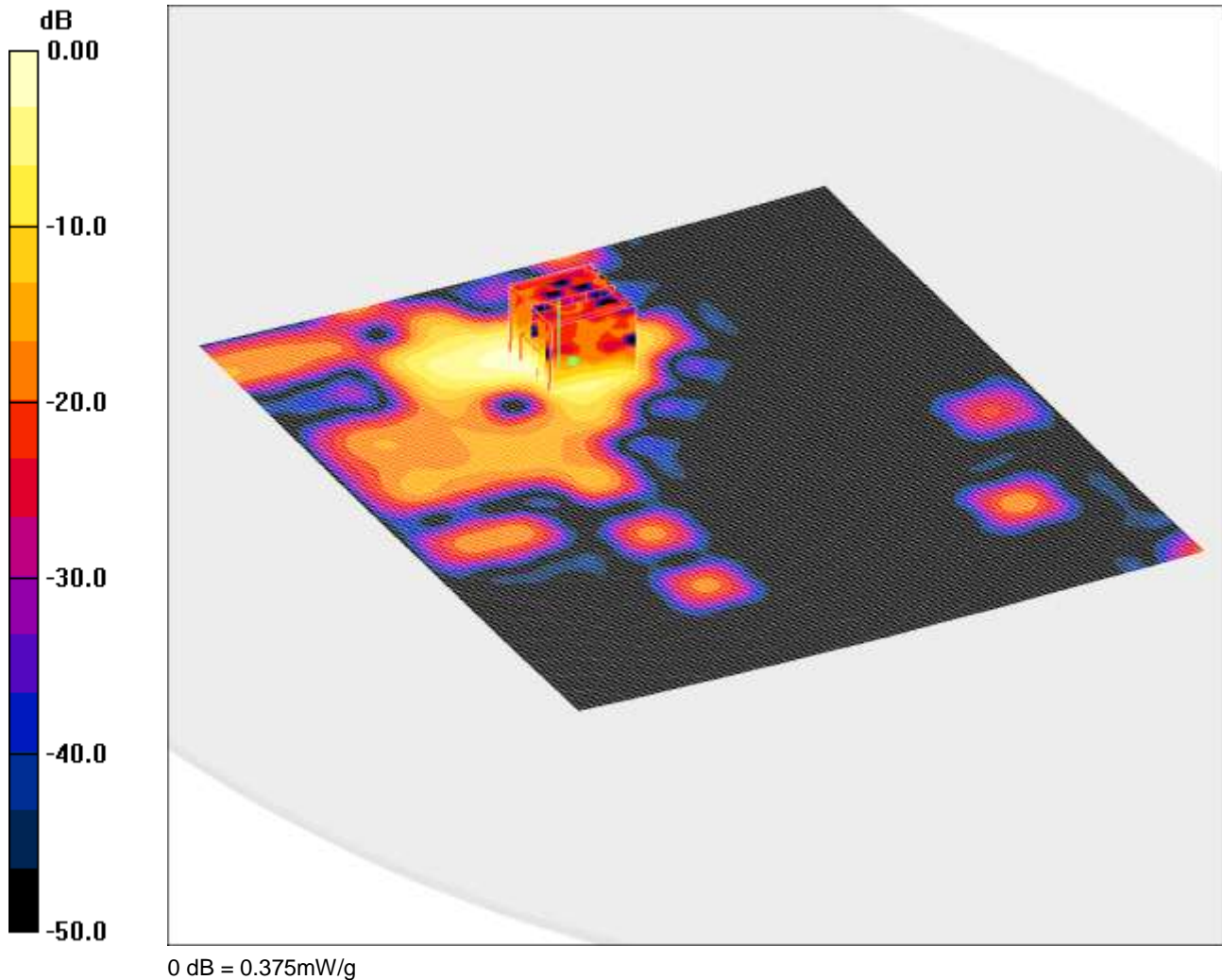
SAR(1 g) = 0.195 mW/g; SAR(10 g) = 0.064 mW/g

Maximum value of SAR (measured) = 0.360 mW/g

SCN/90574/142: Back of EUT Facing Phantom with PHF at 15mm 802.11a 6Mbps CH36

Date: 29/11/2012

DUT: Sony Odin Gina; Type: Odin Gina; Serial: CB5121TU6L



Communication System: WLAN 802.11a UNII; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium: 5800 MHz MSL Medium parameters used (interpolated): $f = 5180$ MHz; $\sigma = 5.35$ mho/m; $\epsilon_r = 48.5$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.39, 4.39, 4.39); Calibrated: 24/09/2012
- Sensor-Surface: 3mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom at 15mm- Middle/Area Scan (121x141x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 0.366 mW/g

Back of EUT Facing Phantom at 15mm- Middle/Zoom Scan (7x7x9) (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 3.82 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.645 W/kg

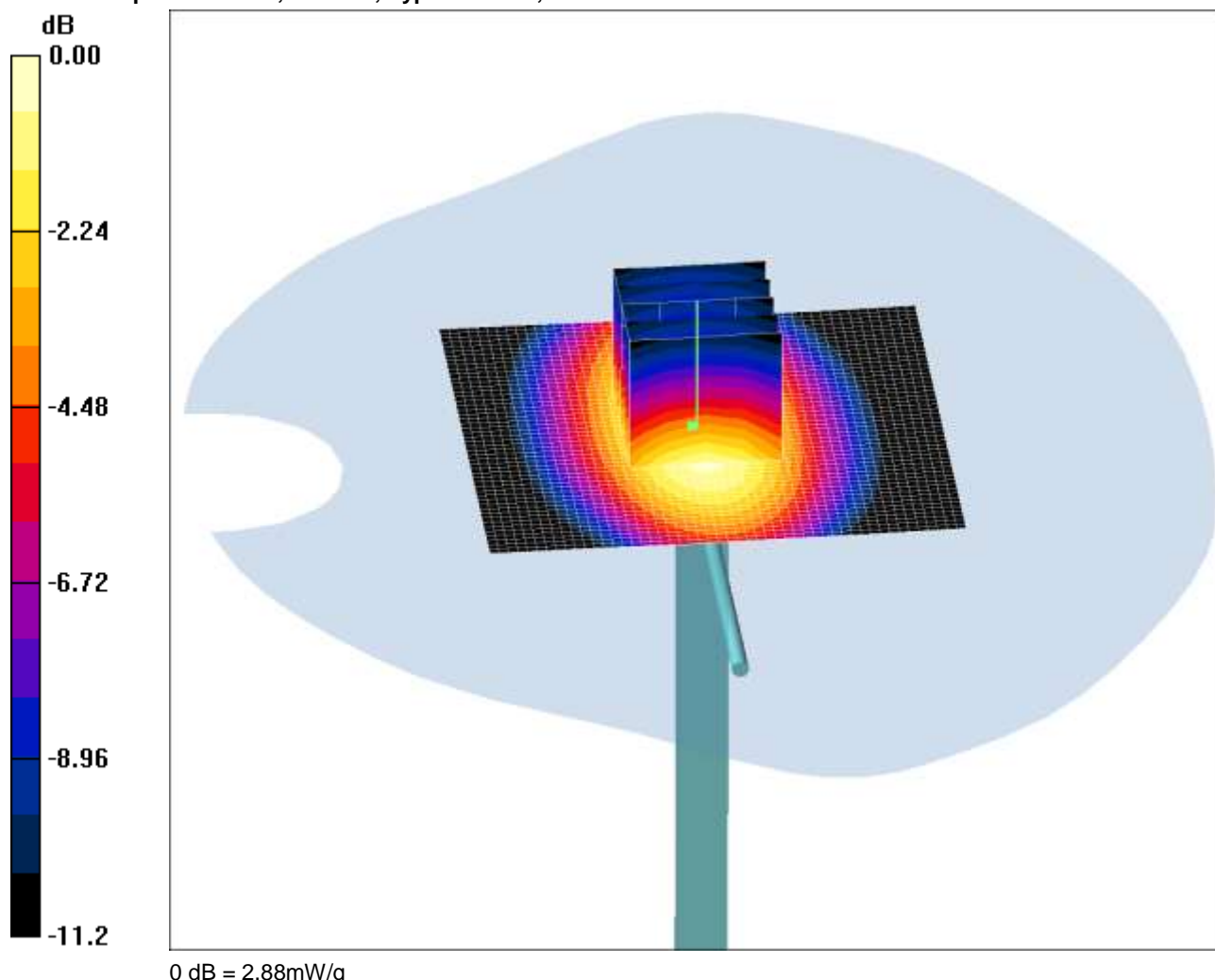
SAR(1 g) = 0.203 mW/g; SAR(10 g) = 0.067 mW/g

Maximum value of SAR (measured) = 0.375 mW/g

SCN/90574/143: System Performance Check 900MHz Head 22 10 12

Date: 22/10/2012

DUT: Dipole 900 MHz; SN: 035; Type: D900V2; Serial: SN035



Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used: $f = 900 \text{ MHz}$; $\sigma = 0.967 \text{ mho/m}$; $\epsilon_r = 41$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.95, 5.95, 5.95); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

d=15mm, Pin=250mW/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 2.83 mW/g

d=15mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 56.0 V/m; Power Drift = -0.188 dB

Peak SAR (extrapolated) = 3.86 W/kg

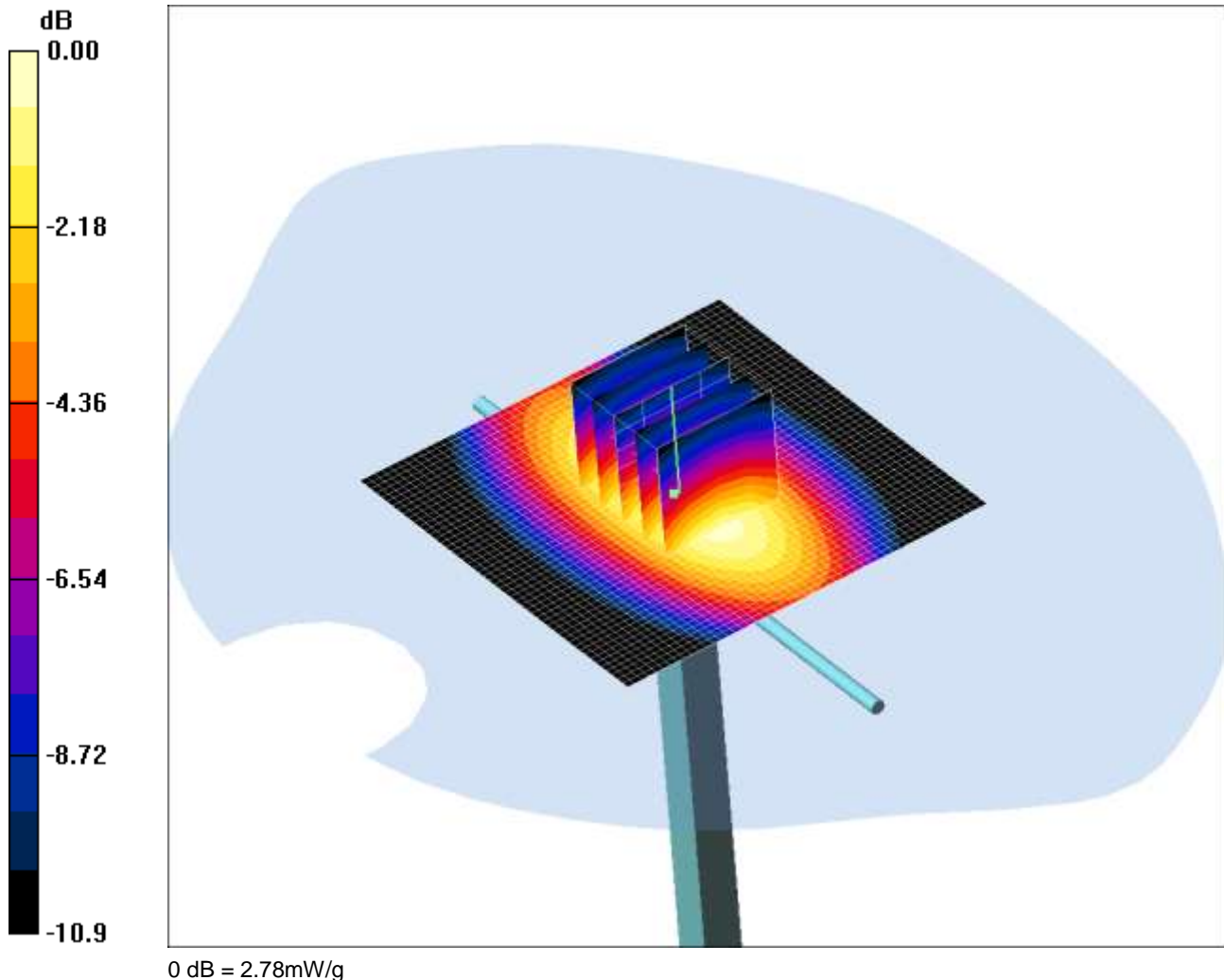
SAR(1 g) = 2.64 mW/g; SAR(10 g) = 1.7 mW/g

Maximum value of SAR (measured) = 2.88 mW/g

SCN/90574/144: System Performance Check 900MHz Head 23 10 12

Date: 23/10/2012

DUT: Dipole 900 MHz; SN: 035; Type: D900V2; Serial: SN035



Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used: $f = 900 \text{ MHz}$; $\sigma = 0.967 \text{ mho/m}$; $\epsilon_r = 41$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.95, 5.95, 5.95); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

d=15mm, Pin=250mW/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 2.76 mW/g

d=15mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 56.0 V/m; Power Drift = -0.029 dB

Peak SAR (extrapolated) = 3.73 W/kg

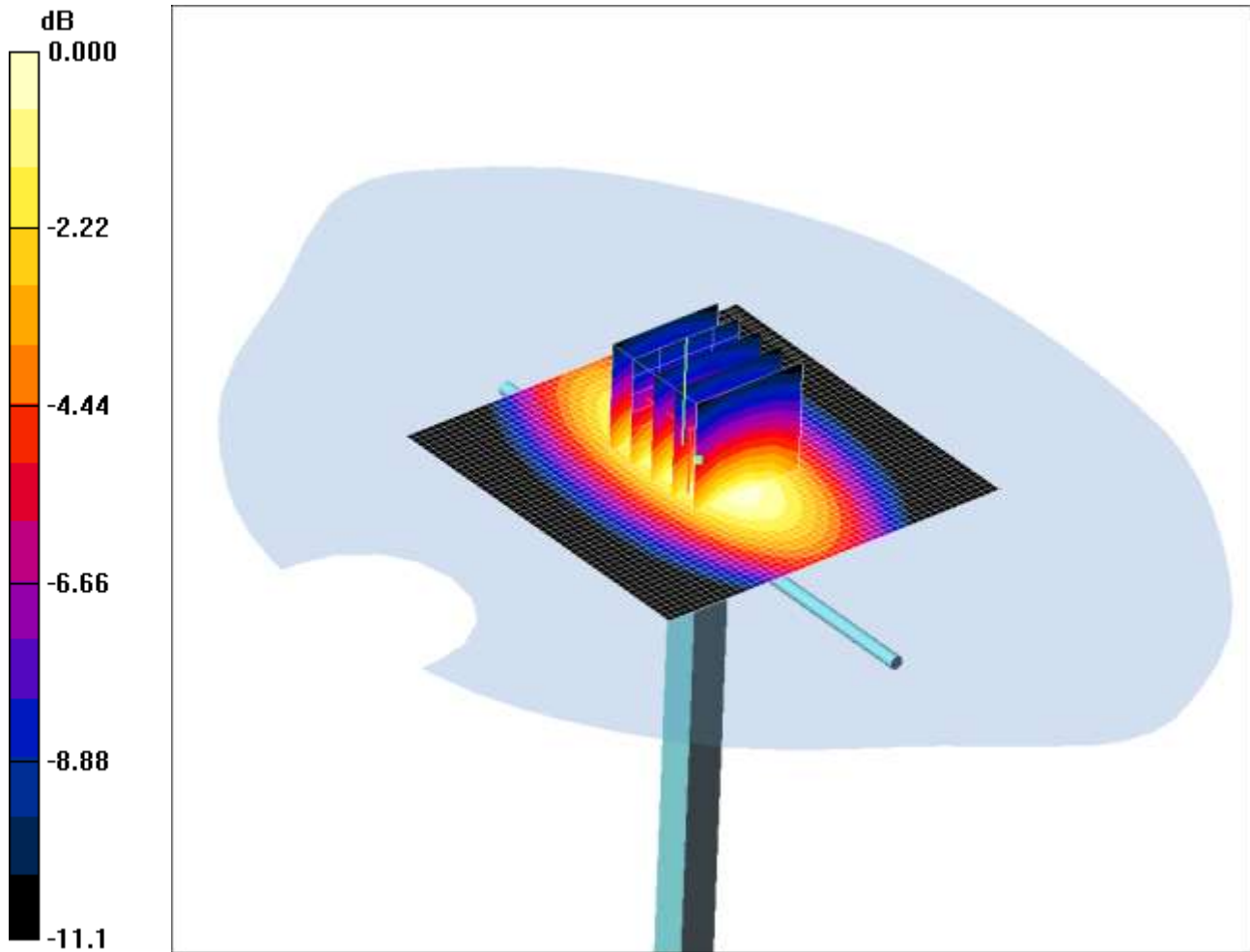
SAR(1 g) = 2.55 mW/g; SAR(10 g) = 1.65 mW/g

Maximum value of SAR (measured) = 2.78 mW/g

SCN/90574/145: System Performance Check 900MHz Head 24 10 12

Date: 24/10/2012

DUT: Dipole 900 MHz; SN: 035; Type: D900V2; Serial: SN035



0 dB = 2.91mW/g

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used: $f = 900 \text{ MHz}$; $\sigma = 0.95 \text{ mho/m}$; $\epsilon_r = 40.7$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(6.09, 6.09, 6.09); Calibrated: 31/08/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207

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

d=15mm, Pin=250mW 2/Area Scan (51x51x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 2.99 mW/g

d=15mm, Pin=250mW 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 56.9 V/m; Power Drift = -0.145 dB

Peak SAR (extrapolated) = 3.96 W/kg

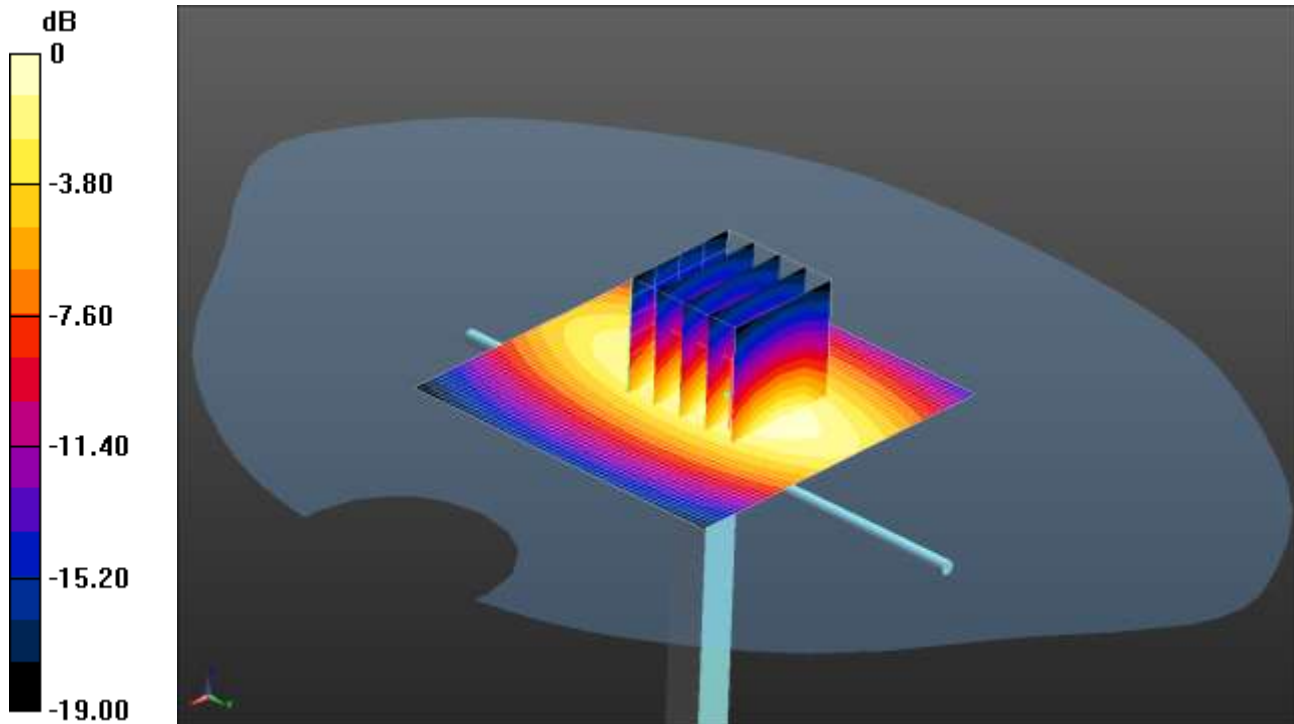
SAR(1 g) = 2.68 mW/g; SAR(10 g) = 1.74 mW/g

Maximum value of SAR (measured) = 2.91 mW/g

SCN/90574/146: System Performance Check 900MHz Head 26 11 12

Date: 26/11/2012

DUT: Dipole 900 MHz D900V2; Type: D900V2; Serial: D900V2 - SN:035



0 dB = 2.75 W/kg = 4.39 dBW/kg

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used: $f = 900$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 41.648$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.95, 5.95, 5.95); Calibrated: 26/07/2012;

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193

- ; SEMCAD X Version 14.6.7 (6848)

SAR/d=15mm, Pin=250 mW, dist=15.0mm (ET-Probe) 2/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.75 W/kg

SAR/d=15mm, Pin=250 mW, dist=15.0mm (ET-Probe) 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 55.885 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.67 W/kg

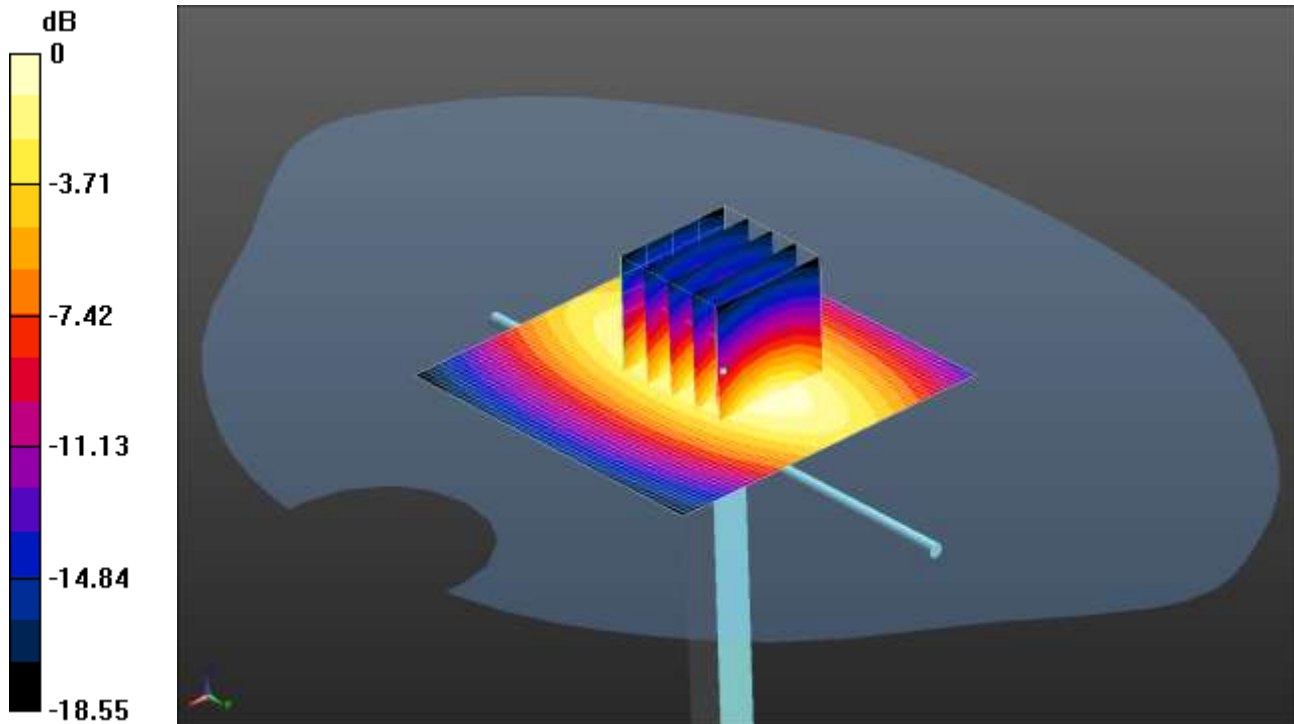
SAR(1 g) = 2.5 W/kg; SAR(10 g) = 1.61 W/kg

Maximum value of SAR (measured) = 2.72 W/kg

SCN/90574/147: System Performance Check 900MHz Head 27 11 12

Date: 27/11/2012

DUT: Dipole 900 MHz D900V2; Type: D900V2; Serial: D900V2 - SN:035



0 dB = 2.71 W/kg = 4.33 dBW/kg

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used: $f = 900$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 41.648$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.95, 5.95, 5.95); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.7 (6848)

SAR/d=15mm, Pin=250 mW, dist=15.0mm (ET-Probe) 2/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.71 W/kg

SAR/d=15mm, Pin=250 mW, dist=15.0mm (ET-Probe) 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 55.682 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 3.72 W/kg

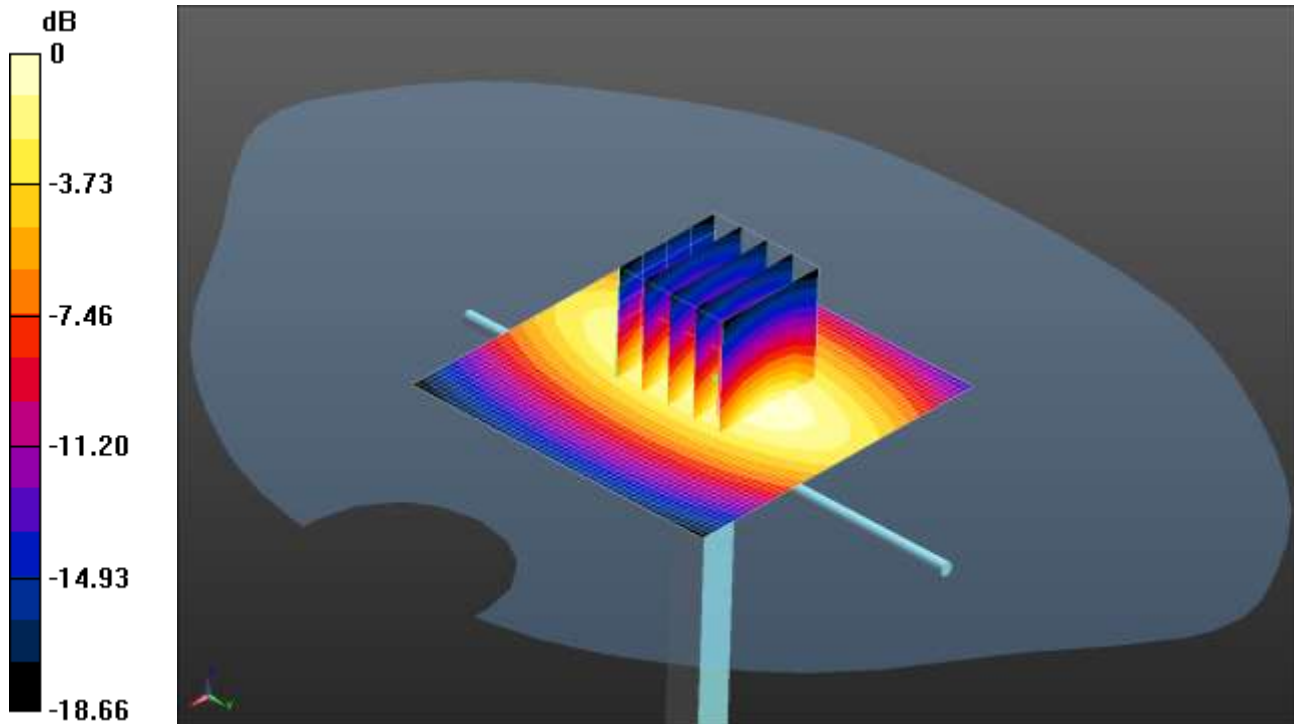
SAR(1 g) = 2.53 W/kg; SAR(10 g) = 1.64 W/kg

Maximum value of SAR (measured) = 2.75 W/kg

SCN/90574/148: System Performance Check 900MHz Head 28 11 12

Date: 28/11/2012

DUT: Dipole 900 MHz D900V2; Type: D900V2; Serial: D900V2 - SN:035



0 dB = 2.80 W/kg = 4.47 dBW/kg

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used: $f = 900$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 41.558$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.95, 5.95, 5.95); Calibrated: 26/07/2012;

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193

- ; SEMCAD X Version 14.6.7 (6848)

SAR/d=15mm, Pin=250 mW, dist=15.0mm (ET-Probe) 2/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.80 W/kg

SAR/d=15mm, Pin=250 mW, dist=15.0mm (ET-Probe) 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 56.536 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.78 W/kg

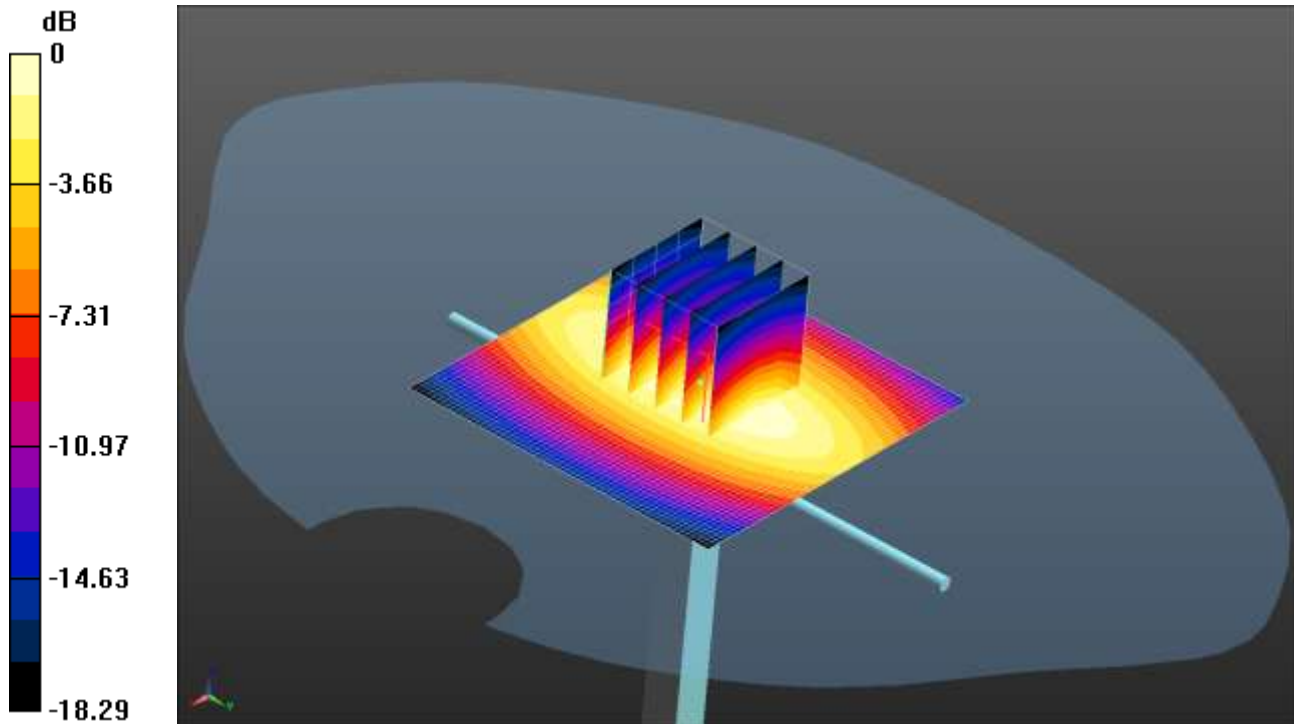
SAR(1 g) = 2.57 W/kg; SAR(10 g) = 1.66 W/kg

Maximum value of SAR (measured) = 2.79 W/kg

SCN/90574/149: System Performance Check 900MHz Head 29 11 12

Date: 29/11/2012

DUT: Dipole 900 MHz D900V2; Type: D900V2; Serial: D900V2 - SN:035



0 dB = 2.81 W/kg = 4.49 dBW/kg

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used: $f = 900$ MHz; $\sigma = 0.95$ mho/m; $\epsilon_r = 41.558$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.95, 5.95, 5.95); Calibrated: 26/07/2012;

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM A; Type: QD000P40Ca; Serial: TP:1193

- ; SEMCAD X Version 14.6.7 (6848)

SAR/d=15mm, Pin=250 mW, dist=15.0mm (ET-Probe) 2/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.81 W/kg

SAR/d=15mm, Pin=250 mW, dist=15.0mm (ET-Probe) 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 56.845 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 3.82 W/kg

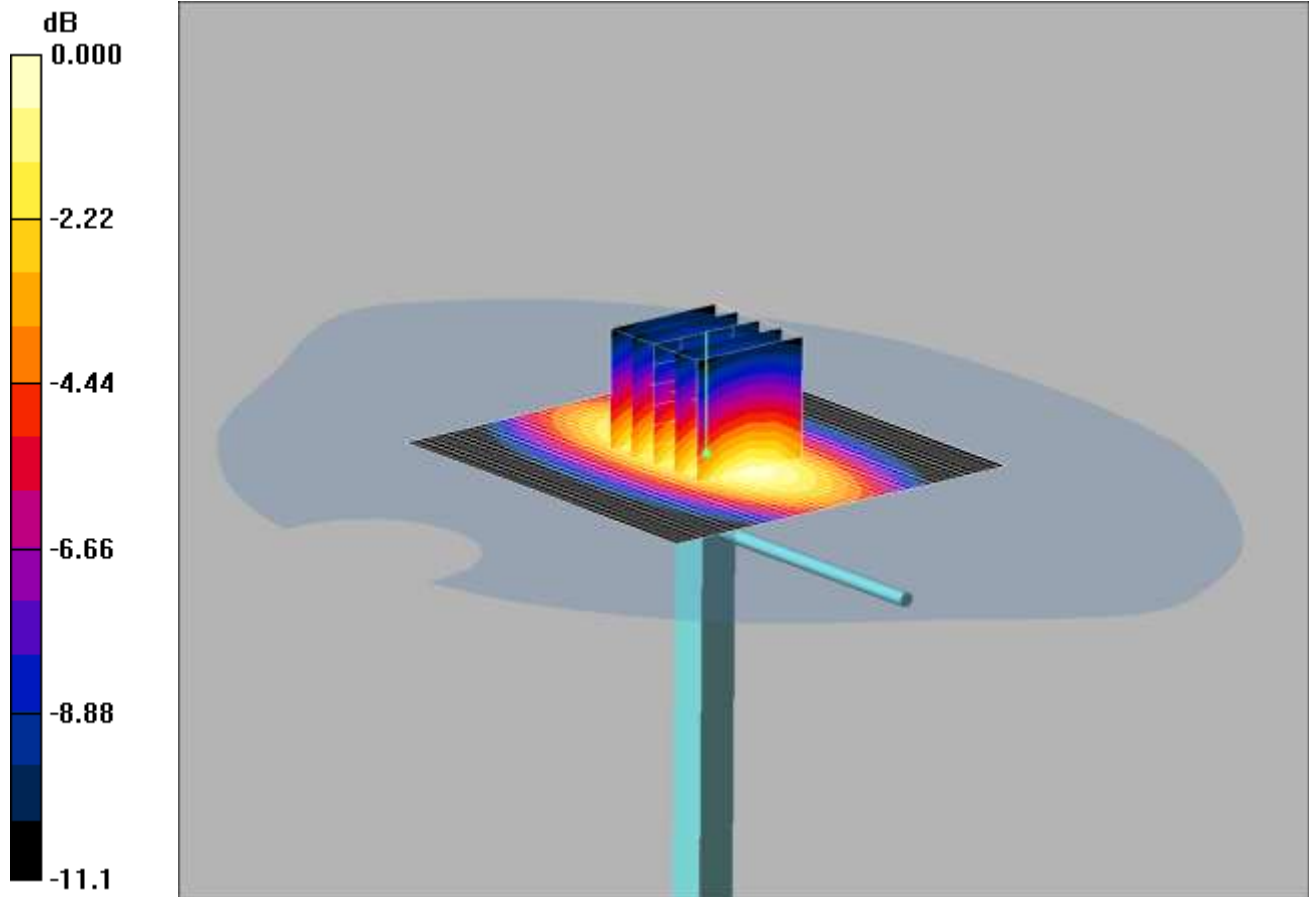
SAR(1 g) = 2.6 W/kg; SAR(10 g) = 1.68 W/kg

Maximum value of SAR (measured) = 2.82 W/kg

SCN/90574/150: System Performance Check 900MHz Head 09 01 13

Date: 09/01/2013

DUT: Dipole 900 MHz; SN: 035; Type: D900V2; Serial: SN035



0 dB = 2.80mW/g

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used: $f = 900 \text{ MHz}$; $\sigma = 0.952 \text{ mho/m}$; $\epsilon_r = 40.2$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(6.18, 6.18, 6.18); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

d=15mm, Pin=250mW/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 2.80 mW/g

d=15mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 56.5 V/m; Power Drift = -0.024 dB

Peak SAR (extrapolated) = 3.74 W/kg

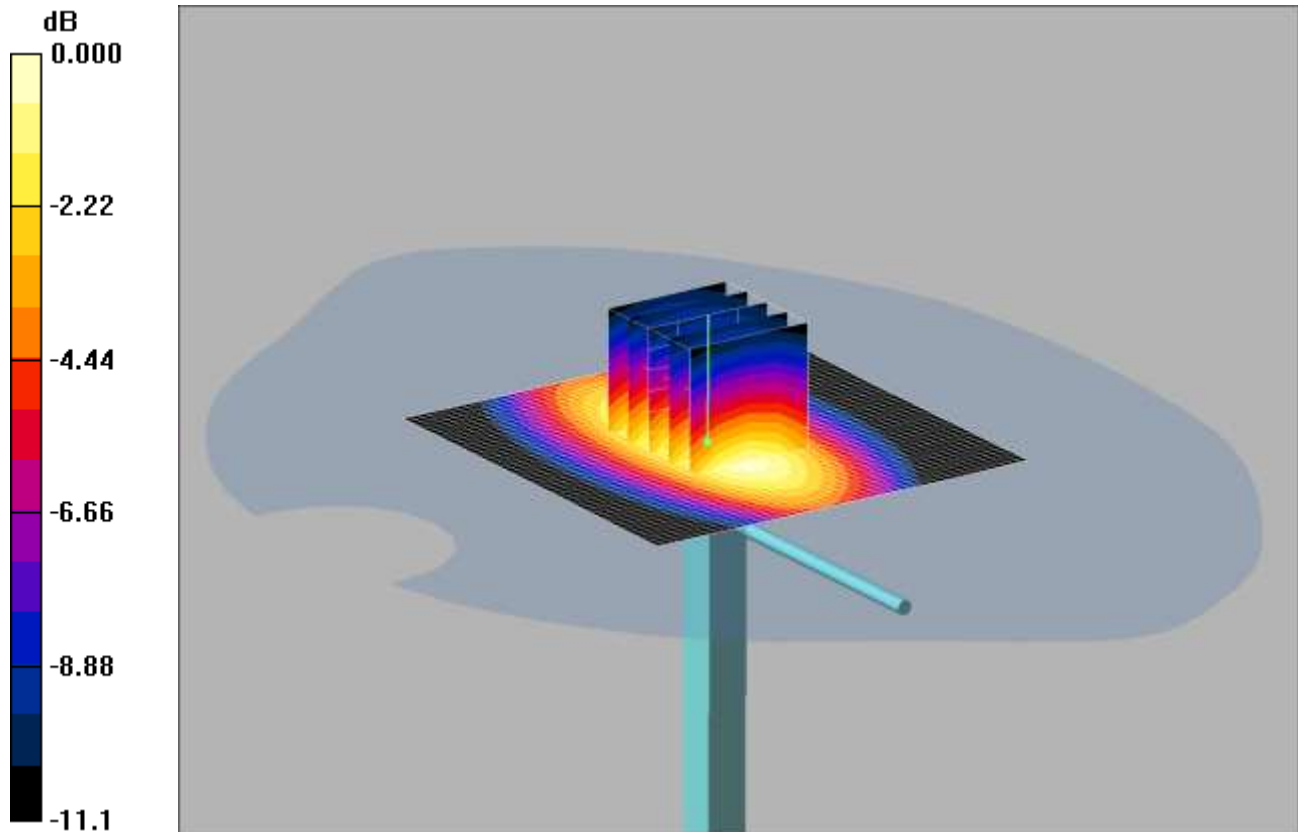
SAR(1 g) = 2.57 mW/g; SAR(10 g) = 1.66 mW/g

Maximum value of SAR (measured) = 2.80 mW/g

SCN/90574/151: System Performance Check 900MHz Head 10 01 13

Date: 10/01/2013

DUT: Dipole 900 MHz; SN: 035; Type: D900V2; Serial: SN035



0 dB = 2.87mW/g

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz HSL Medium parameters used: $f = 900 \text{ MHz}$; $\sigma = 0.952 \text{ mho/m}$; $\epsilon_r = 40.2$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(6.18, 6.18, 6.18); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

d=15mm, Pin=250mW/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 2.88 mW/g

d=15mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 56.5 V/m; Power Drift = 0.011 dB

Peak SAR (extrapolated) = 3.85 W/kg

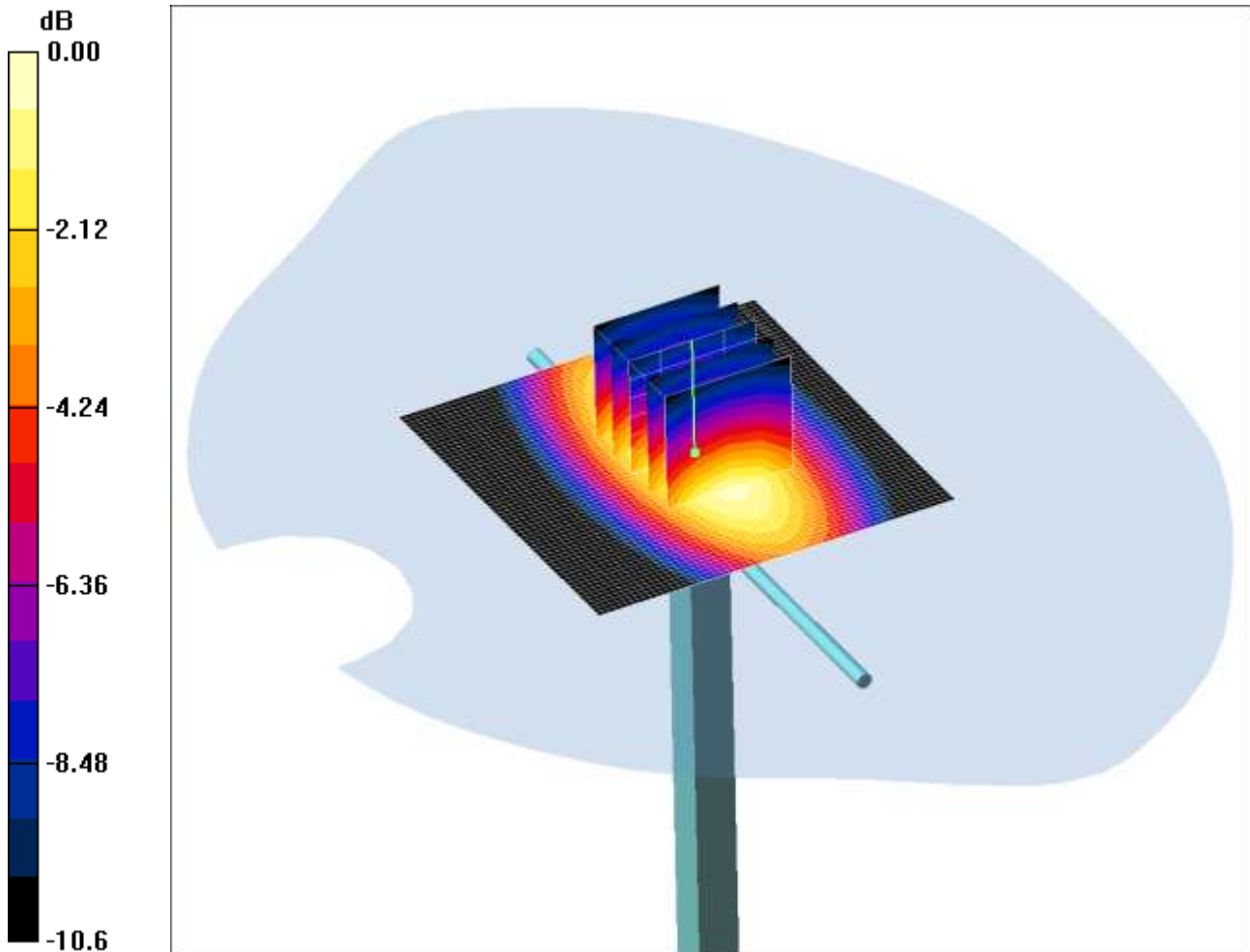
SAR(1 g) = 2.64 mW/g; SAR(10 g) = 1.7 mW/g

Maximum value of SAR (measured) = 2.87 mW/g

SCN/90574/152: System Performance Check 900MHz Body 24 10 12

Date: 24/11/2012

DUT: Dipole 900 MHz D900V2; Type: D900V2; Serial: D900V2 - SN:035



0 dB = 2.93mW/g

Communication System: ; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used: $f = 900 \text{ MHz}$; $\sigma = 1.03 \text{ mho/m}$; $\epsilon_r = 55.2$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.92, 5.92, 5.92); Calibrated: 26/07/2012

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx

- Measurement SW: DASY52, V52.8 Build 3; Postprocessing SW: SEMCAD, V1.8 Build 145

d=15mm, Pin=250 mW, dist=15.0mm (ET-Probe) 2/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (interpolated) = 2.94 mW/g

d=15mm, Pin=250 mW, dist=15.0mm (ET-Probe) 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 55.6 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 3.84 W/kg

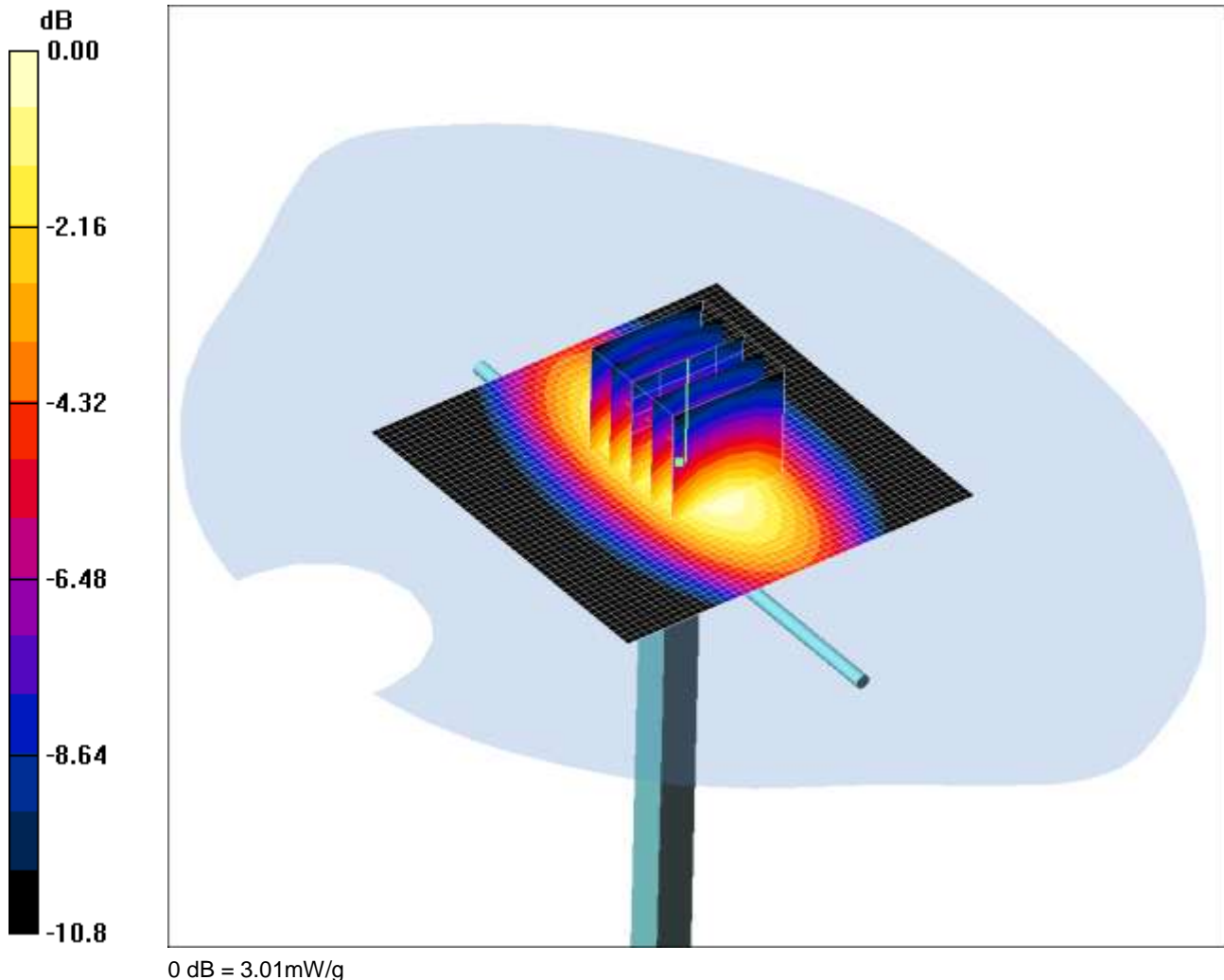
SAR(1 g) = 2.7 mW/g; SAR(10 g) = 1.76 mW/g

Maximum value of SAR (measured) = 2.93 mW/g

SCN/90574/153: System Performance Check 900MHz Body 05 11 12

Date: 05/11/2012

DUT: Dipole 900 MHz; SN: 035; Type: D900V2; Serial: SN035



Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used: $f = 900 \text{ MHz}$; $\sigma = 1.04 \text{ mho/m}$; $\epsilon_r = 52.8$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.77, 5.77, 5.77); Calibrated: 18/07/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

d=15mm, Pin=250mW 2/Area Scan (51x51x1): Measurement grid: $dx=20\text{mm}$, $dy=20\text{mm}$

Maximum value of SAR (interpolated) = 3.18 mW/g

d=15mm, Pin=250mW 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 56.5 V/m; Power Drift = -0.084 dB

Peak SAR (extrapolated) = 3.97 W/kg

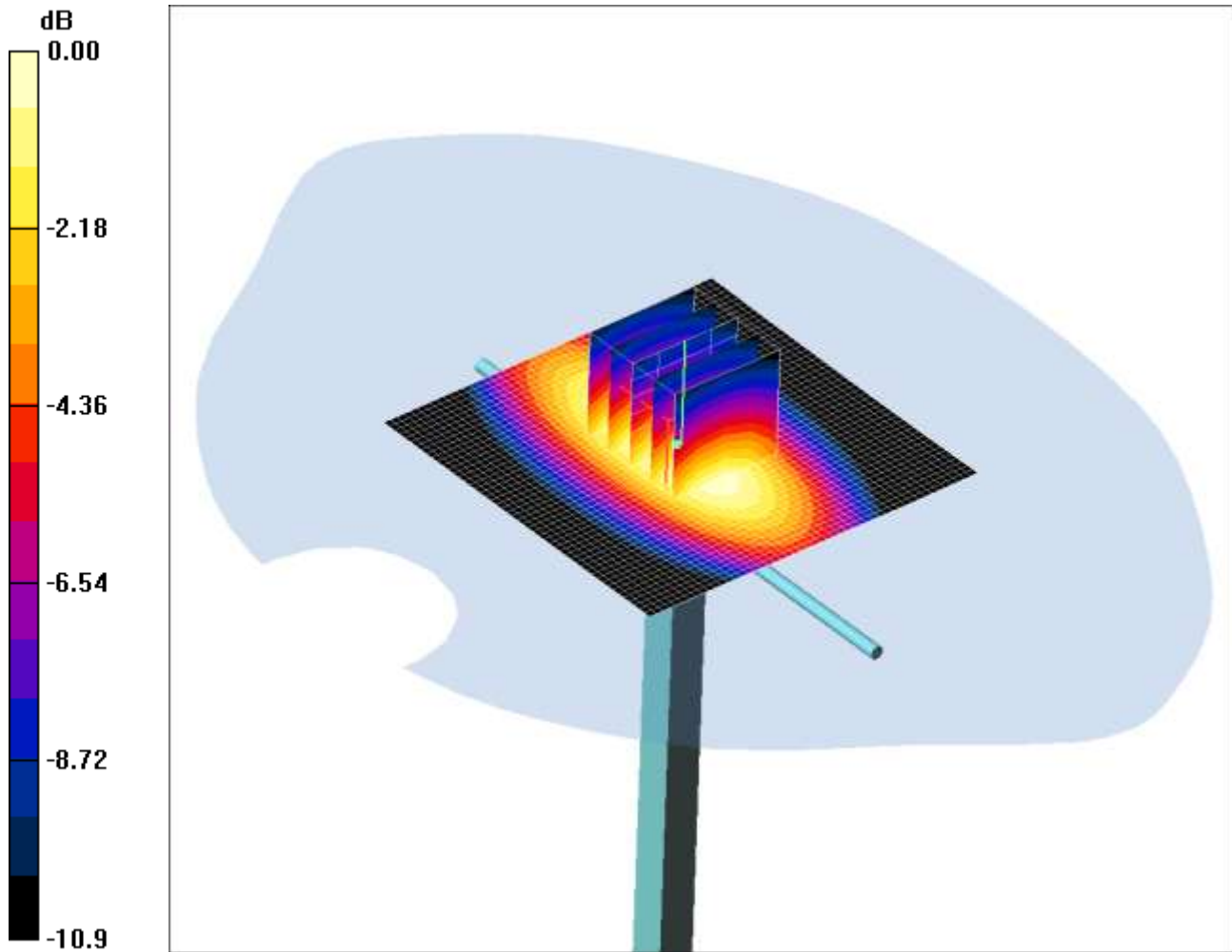
SAR(1 g) = 2.77 mW/g; SAR(10 g) = 1.8 mW/g

Maximum value of SAR (measured) = 3.01 mW/g

SCN/90574/154: System Performance Check 900MHz Body 06 11 12

Date: 06/11/2012

DUT: Dipole 900 MHz; SN: 035; Type: D900V2; Serial: SN035



0 dB = 2.84mW/g

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used: $f = 900 \text{ MHz}$; $\sigma = 1.04 \text{ mho/m}$; $\epsilon_r = 52.8$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.77, 5.77, 5.77); Calibrated: 18/07/2011

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

d=15mm, Pin=250mW 2/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 3.01 mW/g

d=15mm, Pin=250mW 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 55.5 V/m; Power Drift = -0.052 dB

Peak SAR (extrapolated) = 3.77 W/kg

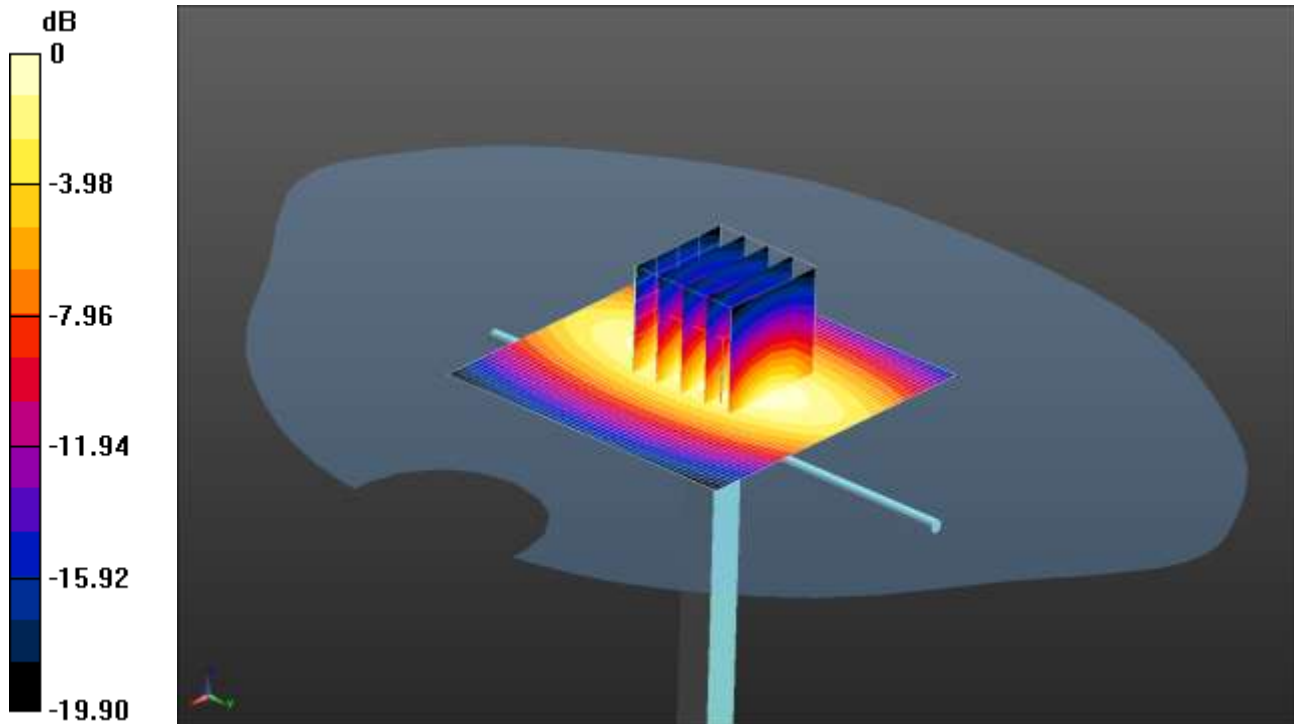
SAR(1 g) = 2.66 mW/g; SAR(10 g) = 1.74 mW/g

Maximum value of SAR (measured) = 2.84 mW/g

SCN/90574/155: System Performance Check 900MHz Body 20 11 12

Date: 20/11/2012

DUT: Dipole 900 MHz D900V2; Type: D900V2; Serial: D900V2 - SN:035



0 dB = 2.97 W/kg = 4.72 dBW/kg

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used: $f = 900$ MHz; $\sigma = 1.018$ mho/m; $\epsilon_r = 56.559$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.92, 5.92, 5.92); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

SAR/d=15mm, Pin=250 mW, dist=15.0mm (ET-Probe) 2/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.97 W/kg

SAR/d=15mm, Pin=250 mW, dist=15.0mm (ET-Probe) 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 56.034 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.87 W/kg

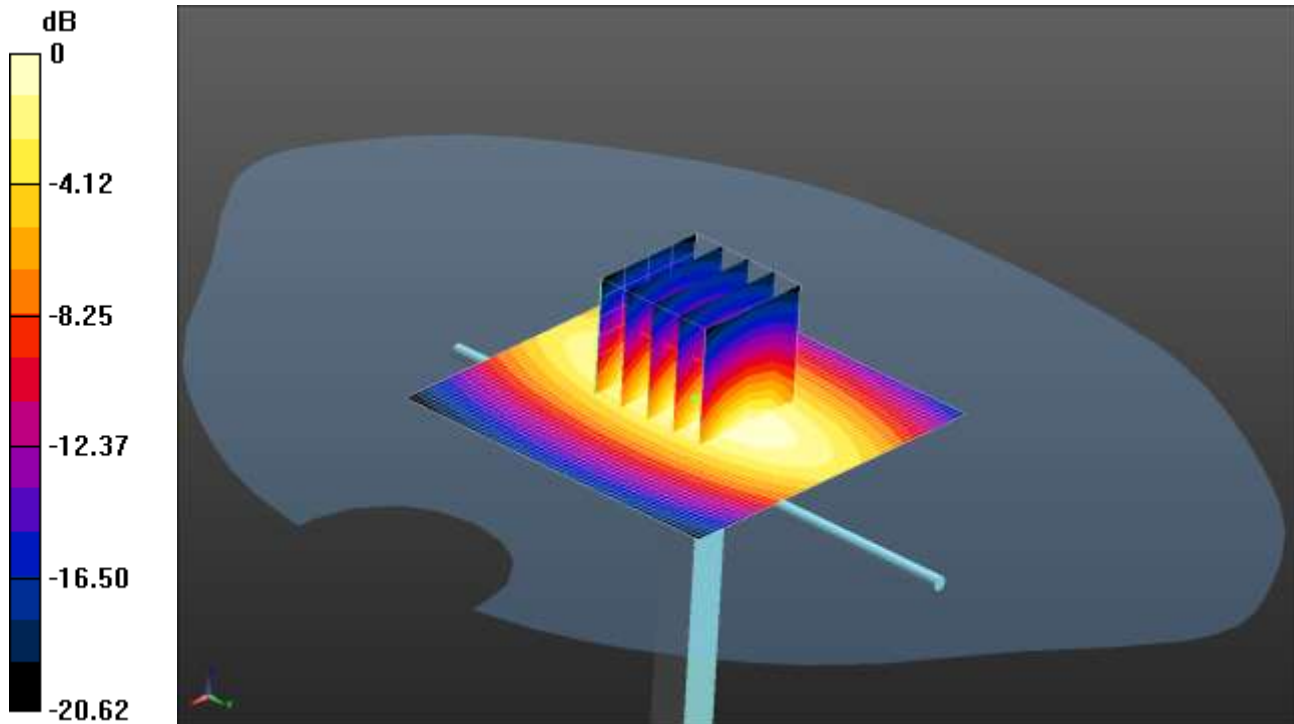
SAR(1 g) = 2.71 W/kg; SAR(10 g) = 1.78 W/kg

Maximum value of SAR (measured) = 2.95 W/kg

SCN/90574/156: System Performance Check 900MHz Body 21 11 12

Date: 21/11/2012

DUT: Dipole 900 MHz D900V2; Type: D900V2; Serial: D900V2 - SN:035



0 dB = 2.86 W/kg = 4.56 dBW/kg

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used: $f = 900 \text{ MHz}$; $\sigma = 1.018 \text{ mho/m}$; $\epsilon_r = 56.559$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.92, 5.92, 5.92); Calibrated: 26/07/2012;

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

- Electronics: DAE3 Sn432; Calibrated: 02/05/2012

- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx

- ; SEMCAD X Version 14.6.7 (6848)

SAR/d=15mm, Pin=250 mW, dist=15.0mm (ET-Probe) 2/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.86 W/kg

SAR/d=15mm, Pin=250 mW, dist=15.0mm (ET-Probe) 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 55.495 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 3.73 W/kg

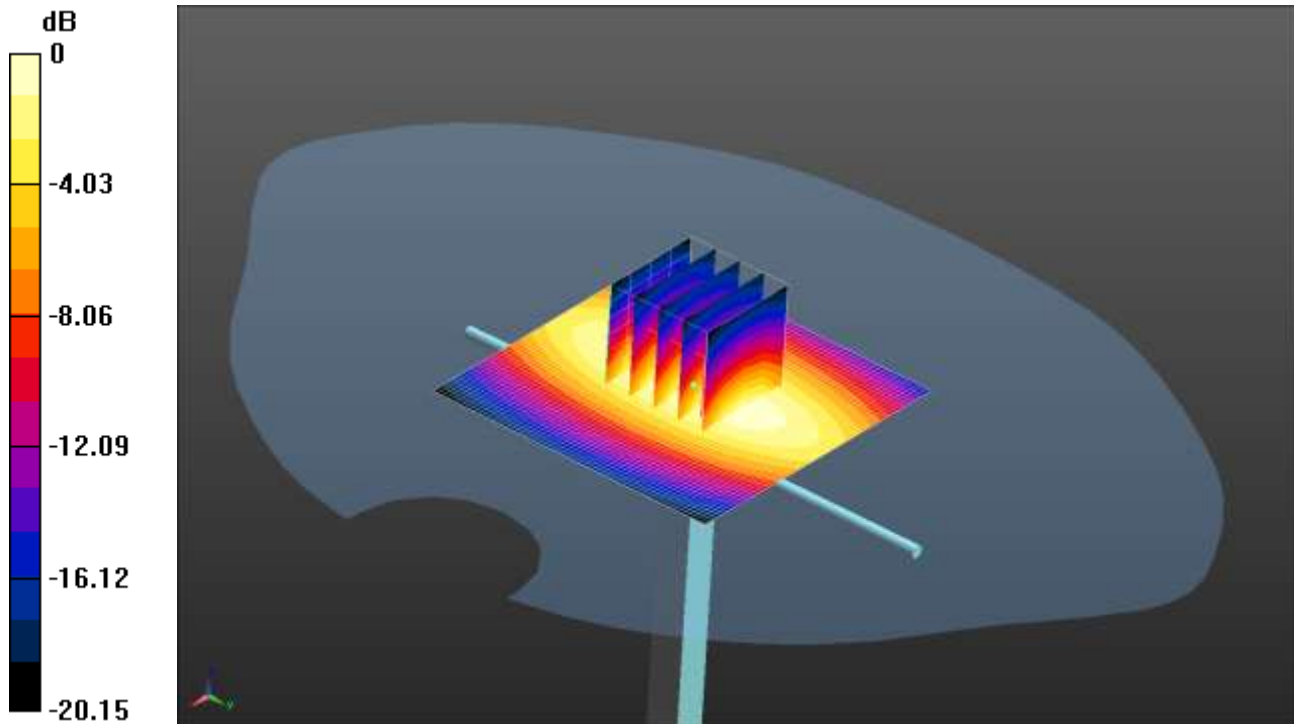
SAR(1 g) = 2.62 W/kg; SAR(10 g) = 1.71 W/kg

Maximum value of SAR (measured) = 2.84 W/kg

SCN/90574/157: System Performance Check 900MHz Body 22 11 12

Date: 22/11/2012

DUT: Dipole 900 MHz D900V2; Type: D900V2; Serial: D900V2 - SN:035



0 dB = 2.87 W/kg = 4.57 dBW/kg

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used: $f = 900 \text{ MHz}$; $\sigma = 1.019 \text{ mho/m}$; $\epsilon_r = 56.218$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.92, 5.92, 5.92); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

SAR/d=15mm, Pin=250 mW, dist=15.0mm (ET-Probe) 2/Area Scan (61x61x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 2.87 W/kg

SAR/d=15mm, Pin=250 mW, dist=15.0mm (ET-Probe) 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 55.520 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 3.78 W/kg

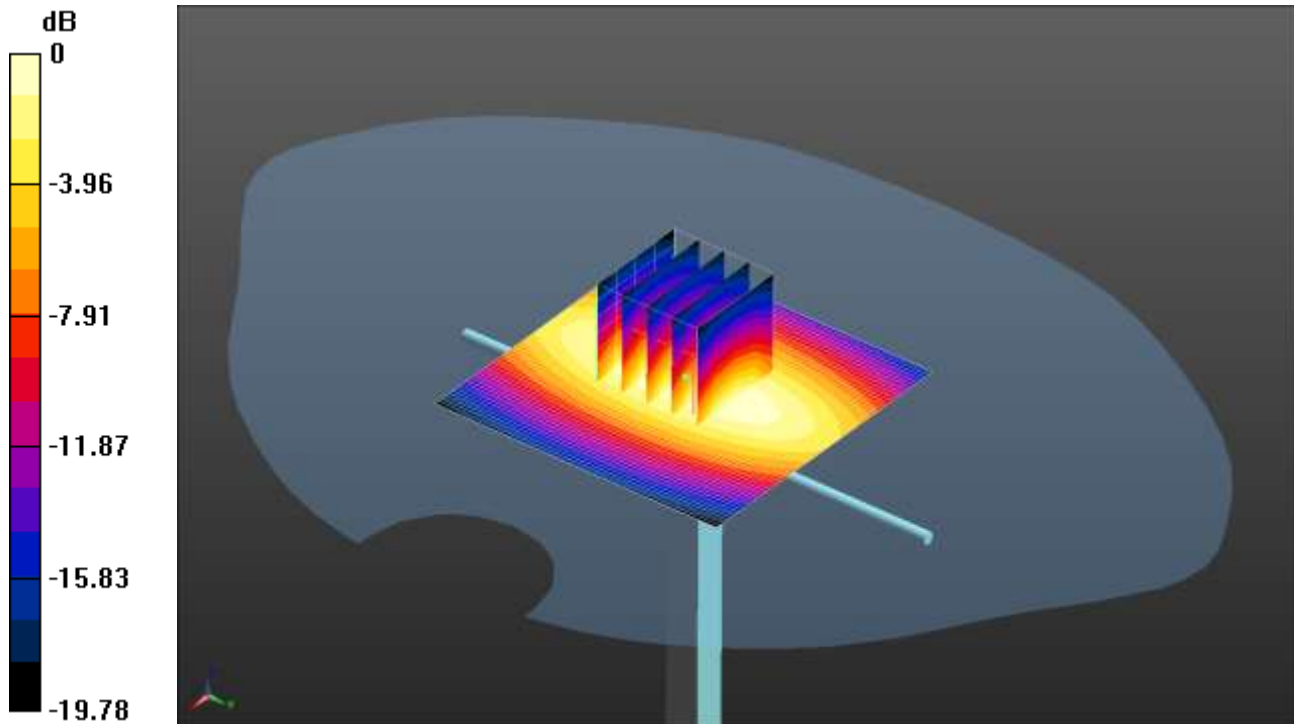
SAR(1 g) = 2.65 W/kg; SAR(10 g) = 1.74 W/kg

Maximum value of SAR (measured) = 2.88 W/kg

SCN/90574/158: System Performance Check 900MHz Body 23 11 12

Date: 23/11/2012

DUT: Dipole 900 MHz D900V2; Type: D900V2; Serial: D900V2 - SN:035



0 dB = 2.92 W/kg = 4.66 dBW/kg

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used: $f = 900 \text{ MHz}$; $\sigma = 1.019 \text{ mho/m}$; $\epsilon_r = 56.218$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1528; ConvF(5.92, 5.92, 5.92); Calibrated: 26/07/2012;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 02/05/2012
- Phantom: SAM B; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.7 (6848)

SAR/d=15mm, Pin=250 mW, dist=15.0mm (ET-Probe) 2/Area Scan (61x61x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 2.92 W/kg

SAR/d=15mm, Pin=250 mW, dist=15.0mm (ET-Probe) 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 56.013 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 3.80 W/kg

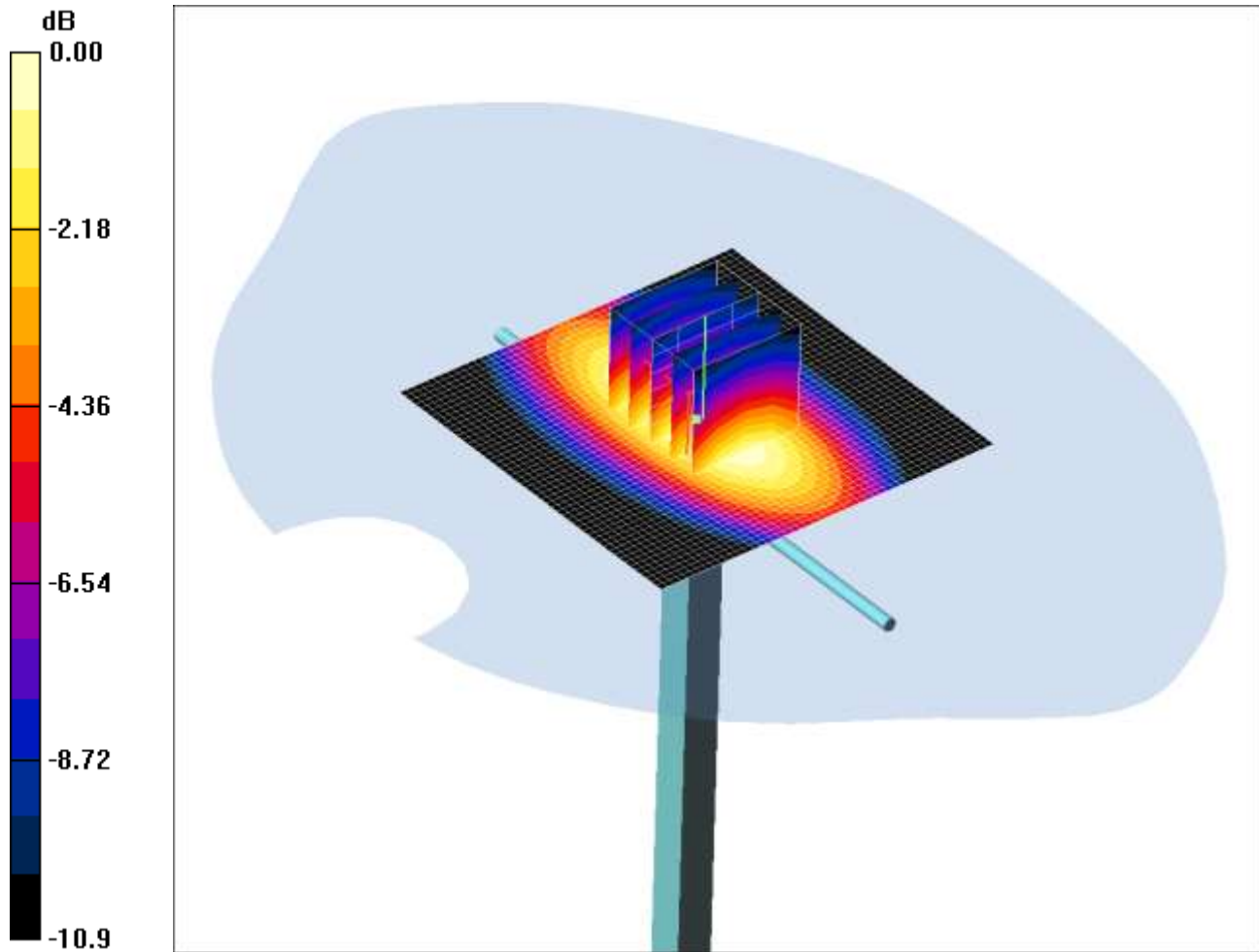
SAR(1 g) = 2.68 W/kg; SAR(10 g) = 1.76 W/kg

Maximum value of SAR (measured) = 2.90 W/kg

SCN/90574/159: System Performance Check 900MHz Body 09 01 13

Date: 09/01/2013

DUT: Dipole 900 MHz; SN: 035; Type: D900V2; Serial: SN035



0 dB = 3.01mW/g

Communication System: CW; Frequency: 900 MHz; Duty Cycle: 1:1

Medium: 900 MHz MSL Medium parameters used: $f = 900 \text{ MHz}$; $\sigma = 1.04 \text{ mho/m}$; $\epsilon_r = 52.7$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(6.11, 6.11, 6.11); Calibrated: 31/08/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

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

Maximum value of SAR (interpolated) = 3.16 mW/g

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

Reference Value = 55.0 V/m; Power Drift = -0.045 dB

Peak SAR (extrapolated) = 4.14 W/kg

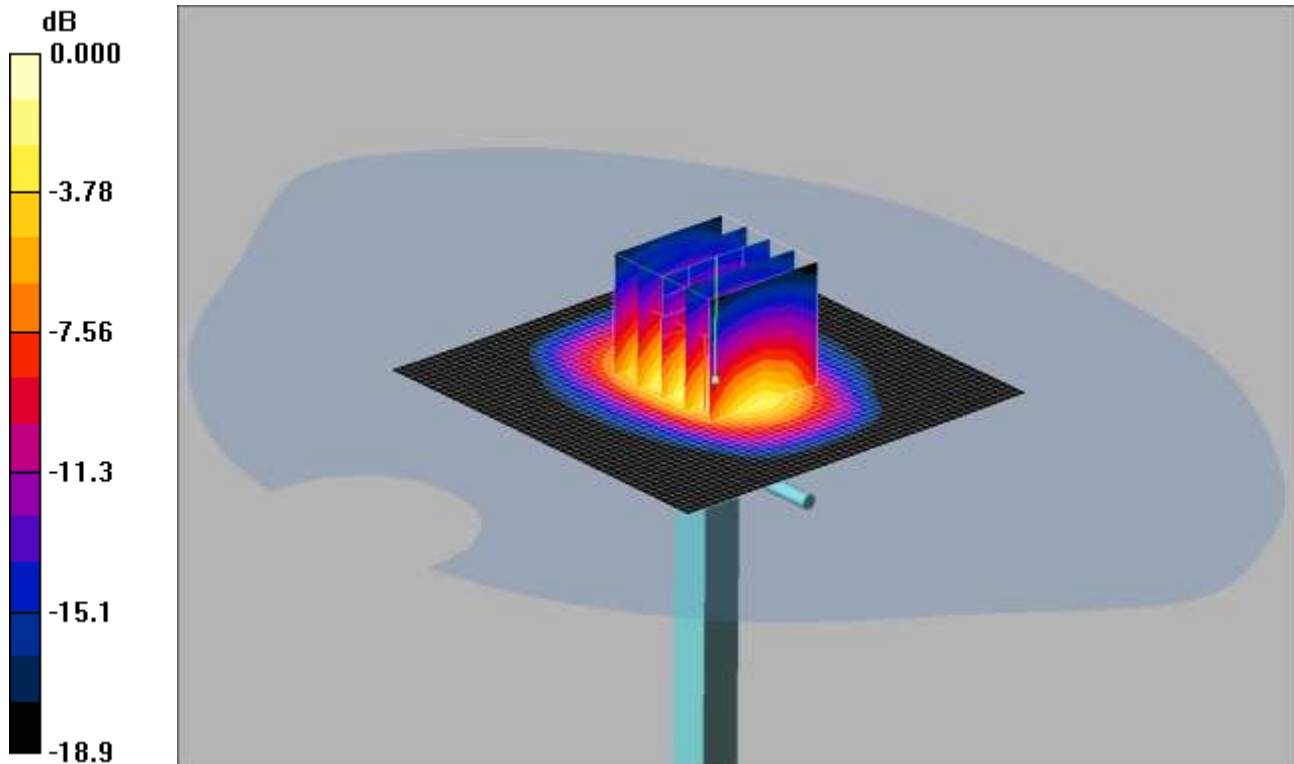
SAR(1 g) = 2.79 mW/g; SAR(10 g) = 1.81 mW/g

Maximum value of SAR (measured) = 3.01 mW/g

SCN/90574/160: System Performance Check 1900MHz Head 06 12 12

Date: 06/12/2012

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN540



0 dB = 11.5mW/g

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: 1900 MHz HSL Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.41 \text{ mho/m}$; $\epsilon_r = 39.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ET3DV6 - SN1587; ConvF(5.18, 5.18, 5.18); Calibrated: 11/05/2012

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

- Electronics: DAE3 Sn431; Calibrated: 20/09/2012

- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1020

- Measurement SW: DASY4, V4.7 Build 53; Postprocessing SW: SEMCAD, V1.8 Build 172

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

Maximum value of SAR (interpolated) = 15.7 mW/g

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

Reference Value = 93.7 V/m; Power Drift = -0.025 dB

Peak SAR (extrapolated) = 19.1 W/kg

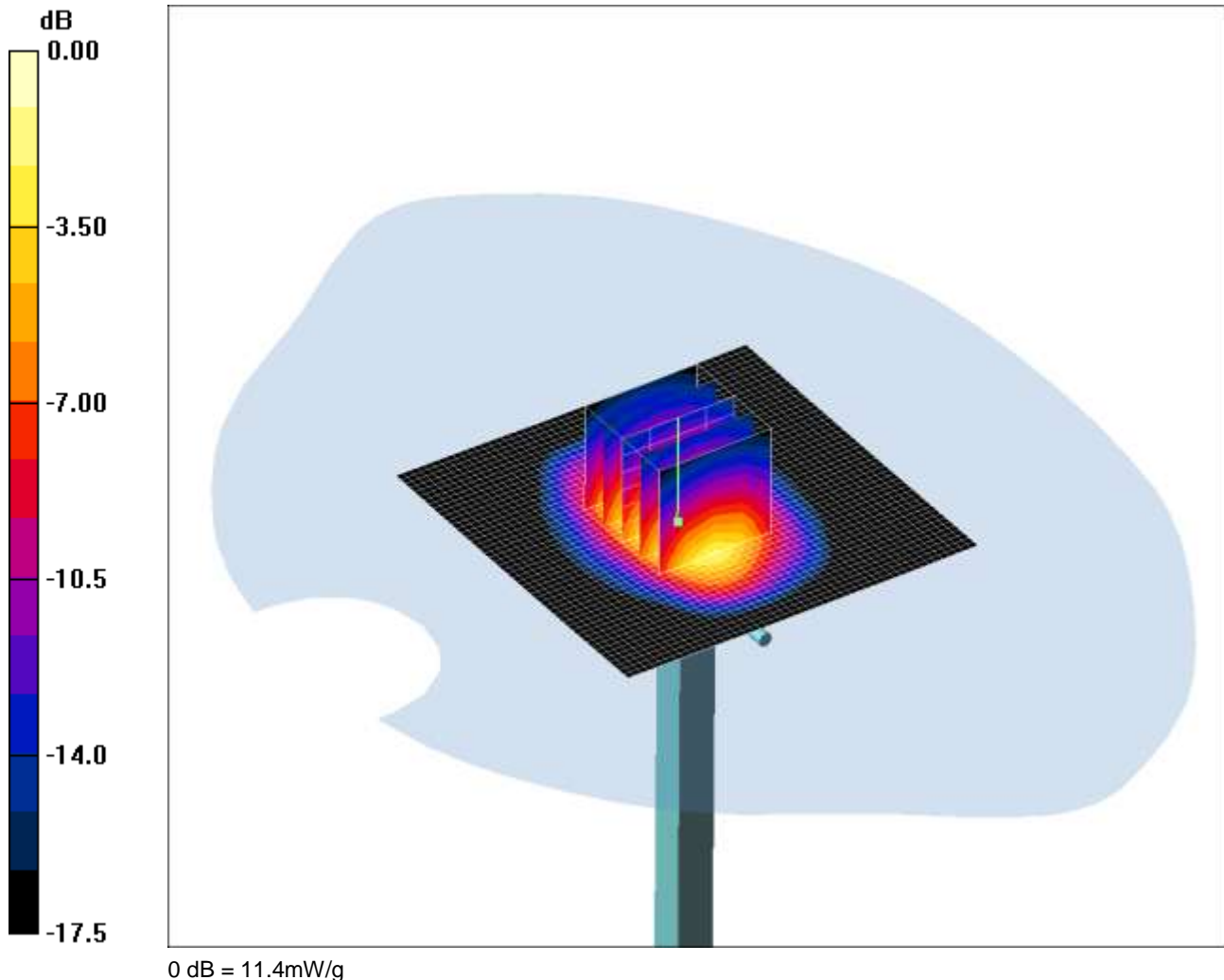
SAR(1 g) = 10.2 mW/g; SAR(10 g) = 5.22 mW/g

Maximum value of SAR (measured) = 11.5 mW/g

SCN/90574/161: System Performance Check 1900MHz Body 05 12 12

Date: 05/12/2012

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN540



Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.53 \text{ mho/m}$; $\epsilon_r = 52.1$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.88, 4.88, 4.88); Calibrated: 31/08/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

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

Maximum value of SAR (interpolated) = 13.4 mW/g

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

Reference Value = 83.1 V/m; Power Drift = -0.075 dB

Peak SAR (extrapolated) = 18.4 W/kg

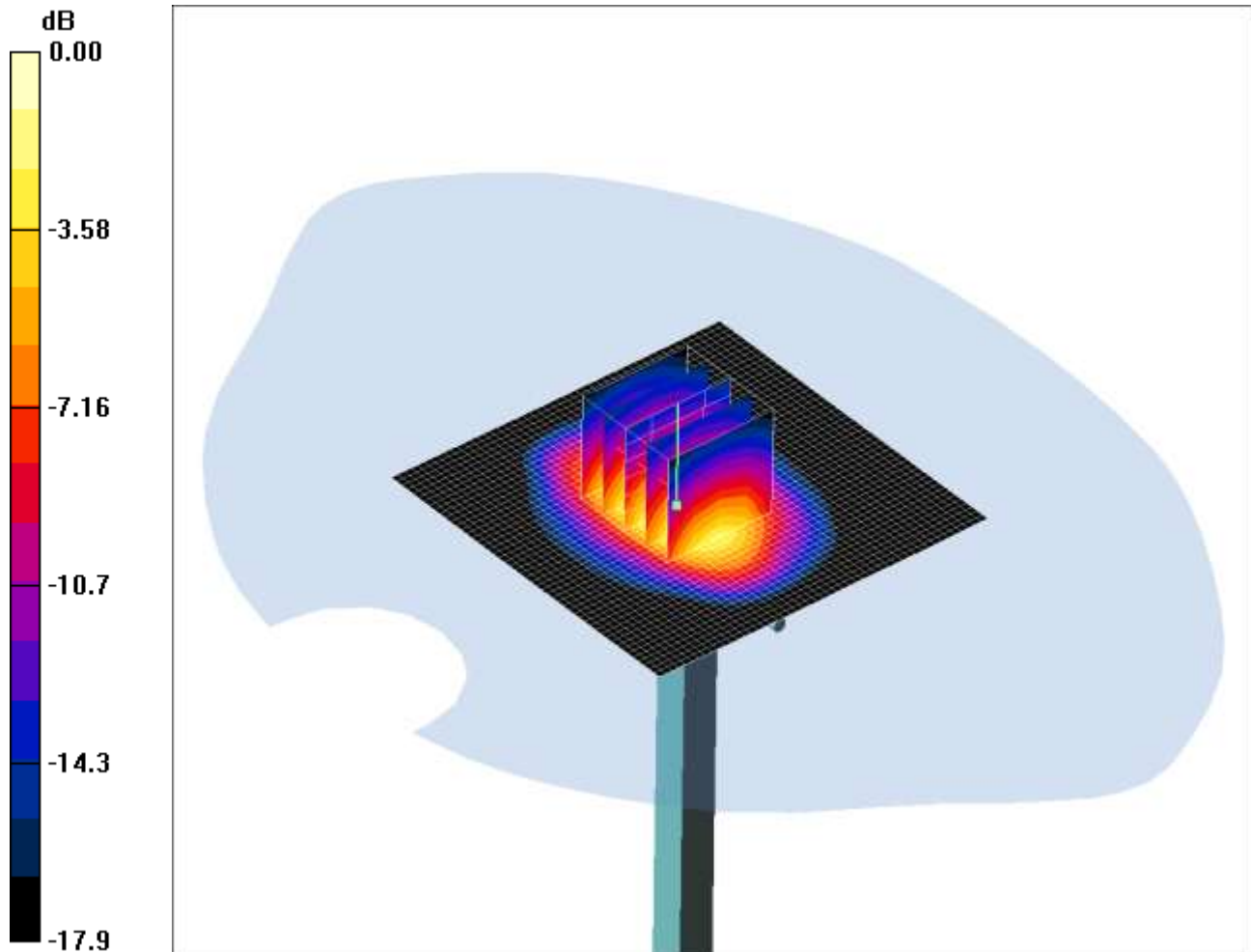
SAR(1 g) = 10.1 mW/g; SAR(10 g) = 5.24 mW/g

Maximum value of SAR (measured) = 11.4 mW/g

SCN/90574/162: System Performance Check 1900MHz Body 06 12 12

Date: 06/12/2012

DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN540



0 dB = 11.9mW/g

Communication System: CW; Frequency: 1900 MHz; Duty Cycle: 1:1

Medium: 1900 MHz MSL Medium parameters used: $f = 1900 \text{ MHz}$; $\sigma = 1.53 \text{ mho/m}$; $\epsilon_r = 52.1$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.88, 4.88, 4.88); Calibrated: 31/08/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

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

Maximum value of SAR (interpolated) = 14.1 mW/g

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

Reference Value = 83.9 V/m; Power Drift = -0.076 dB

Peak SAR (extrapolated) = 19.2 W/kg

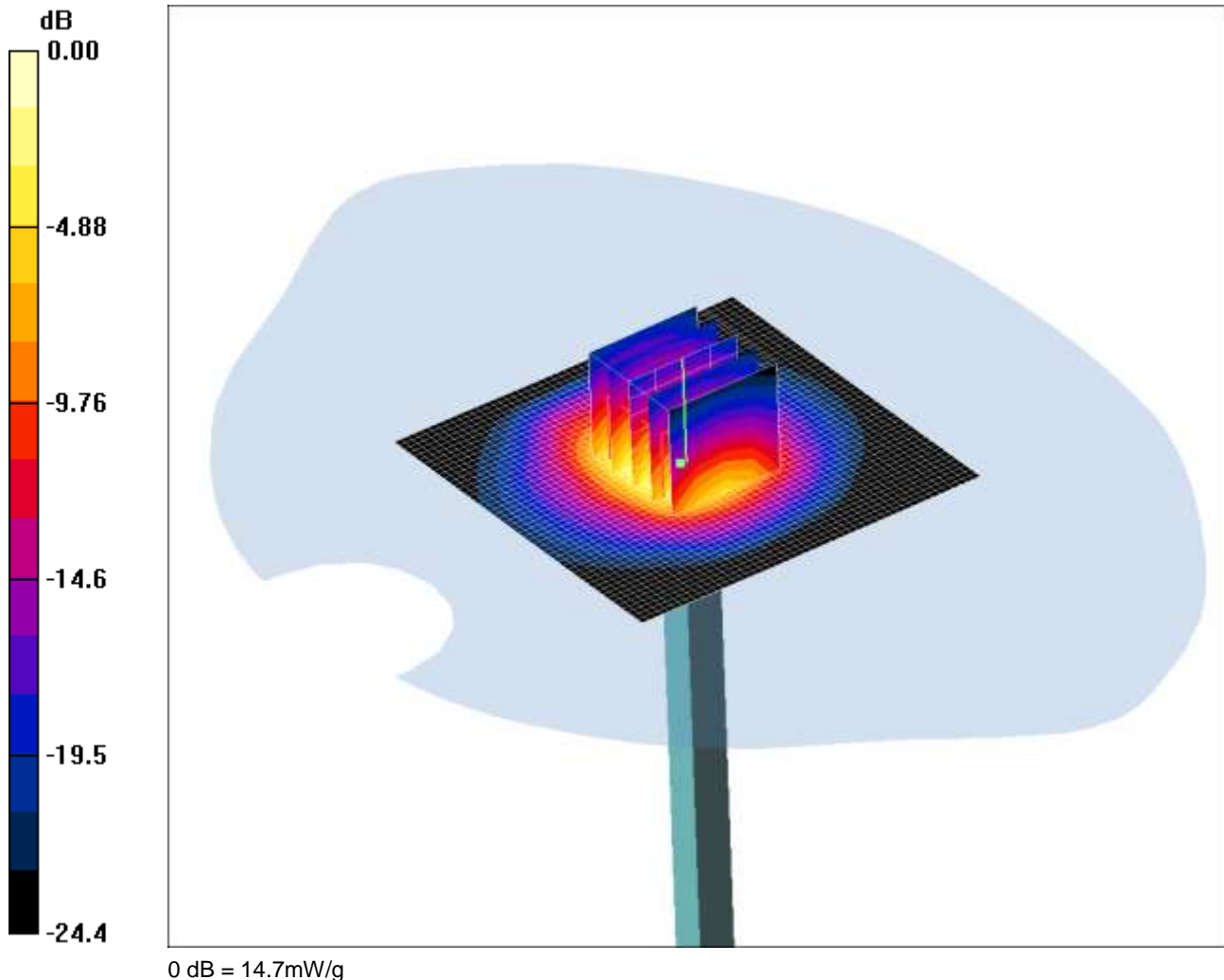
SAR(1 g) = 10.6 mW/g; SAR(10 g) = 5.44 mW/g

Maximum value of SAR (measured) = 11.9 mW/g

SCN/90574/163: System Performance Check 2450MHz Head 21 11 12

Date: 21/11/2012

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



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

Medium: 2450 MHz HSL Medium parameters used: $f = 2450$ MHz; $\sigma = 1.87$ mho/m; $\epsilon_r = 38.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.59, 4.59, 4.59); Calibrated: 31/08/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

d=10mm, Pin=250mW 2/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 18.5 mW/g

d=10mm, Pin=250mW 2/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 89.4 V/m; Power Drift = -0.075 dB

Peak SAR (extrapolated) = 29.4 W/kg

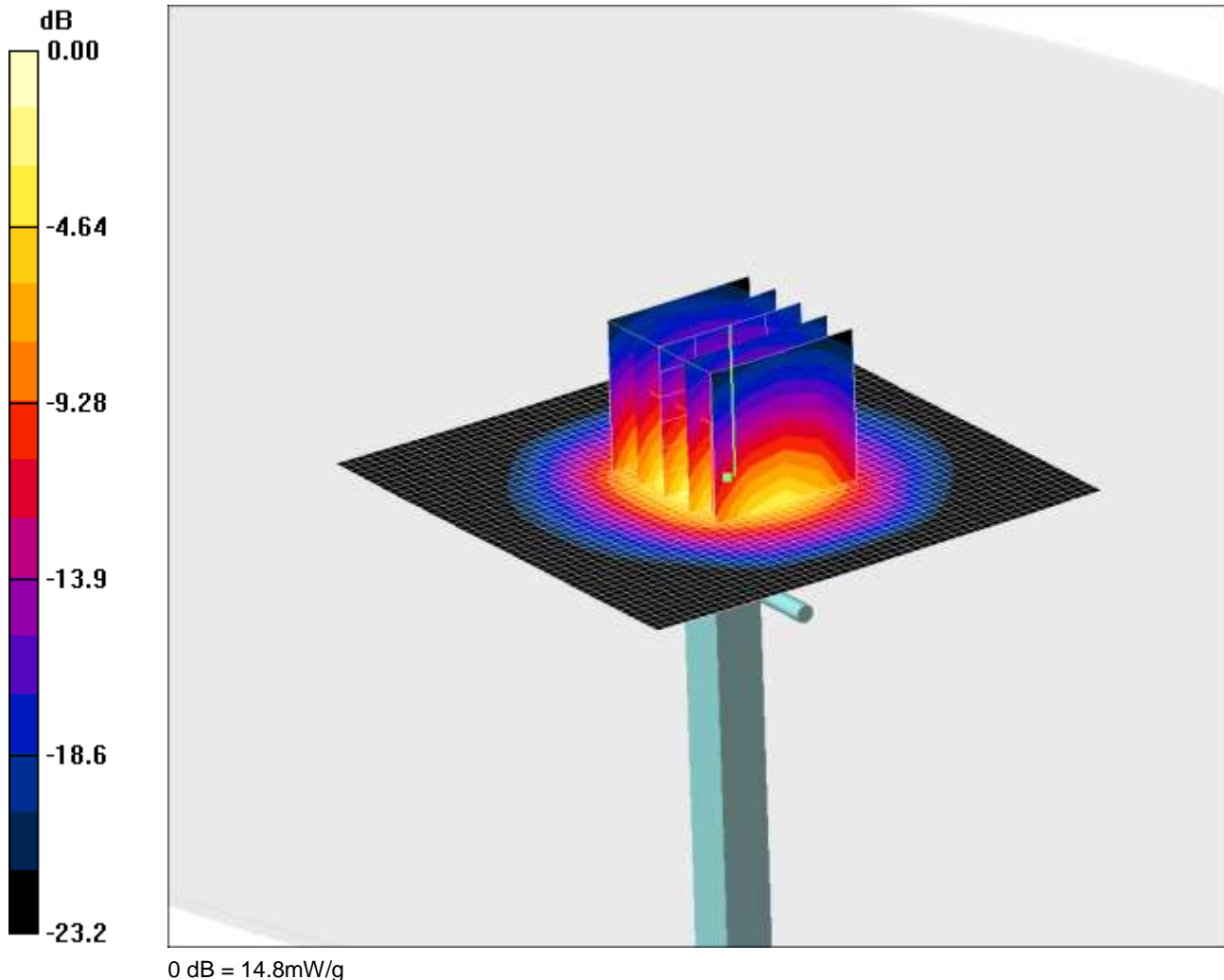
SAR(1 g) = 13.6 mW/g; SAR(10 g) = 6.17 mW/g

Maximum value of SAR (measured) = 14.7 mW/g

SCN/90574/164: System Performance Check 2450MHz Body 22 11 12

Date: 22/11/2012

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; $\sigma = 2.03$ mho/m; $\epsilon_r = 50.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: ES3DV3 - SN3304; ConvF(4.32, 4.32, 4.32); Calibrated: 31/08/2012

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

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

d=10mm, Pin=250mW 2/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 19.2 mW/g

d=10mm, Pin=250mW 2/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 85.2 V/m; Power Drift = 0.120 dB

Peak SAR (extrapolated) = 29.1 W/kg

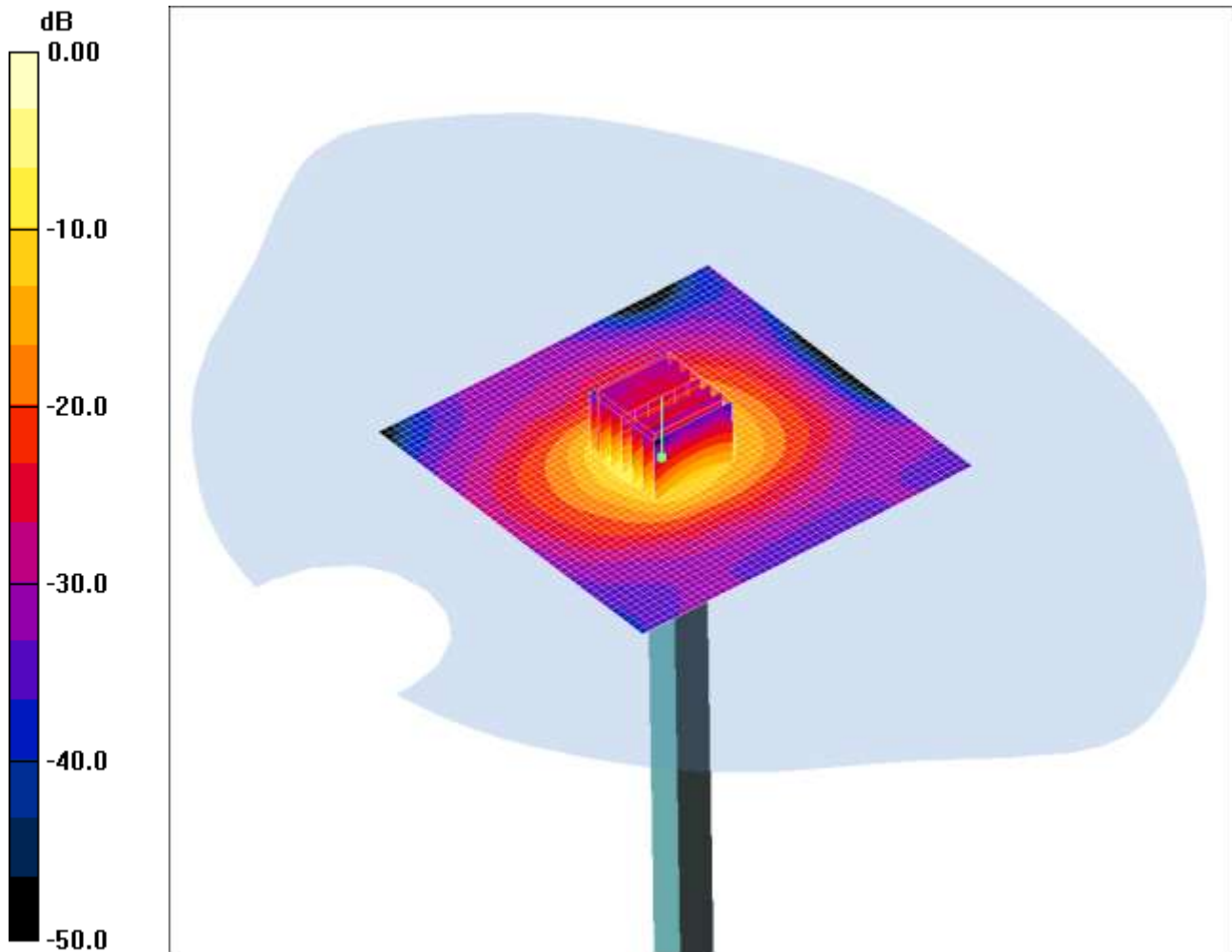
SAR(1 g) = 13.3 mW/g; SAR(10 g) = 6.03 mW/g

Maximum value of SAR (measured) = 14.8 mW/g

SCN/90574/165: System Performance Check 5200 MHz Head 26 11 12

Date: 26/11/2012

DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016



0 dB = 16.4mW/g

Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used: $f = 5200$ MHz; $\sigma = 4.79$ mho/m; $\epsilon_r = 34.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(5.06, 5.06, 5.06); Calibrated: 24/09/2012
- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

d=10mm, Pin=100mW/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 4.92 mW/g

d=10mm, Pin=100mW/Zoom Scan (7x7x9) (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

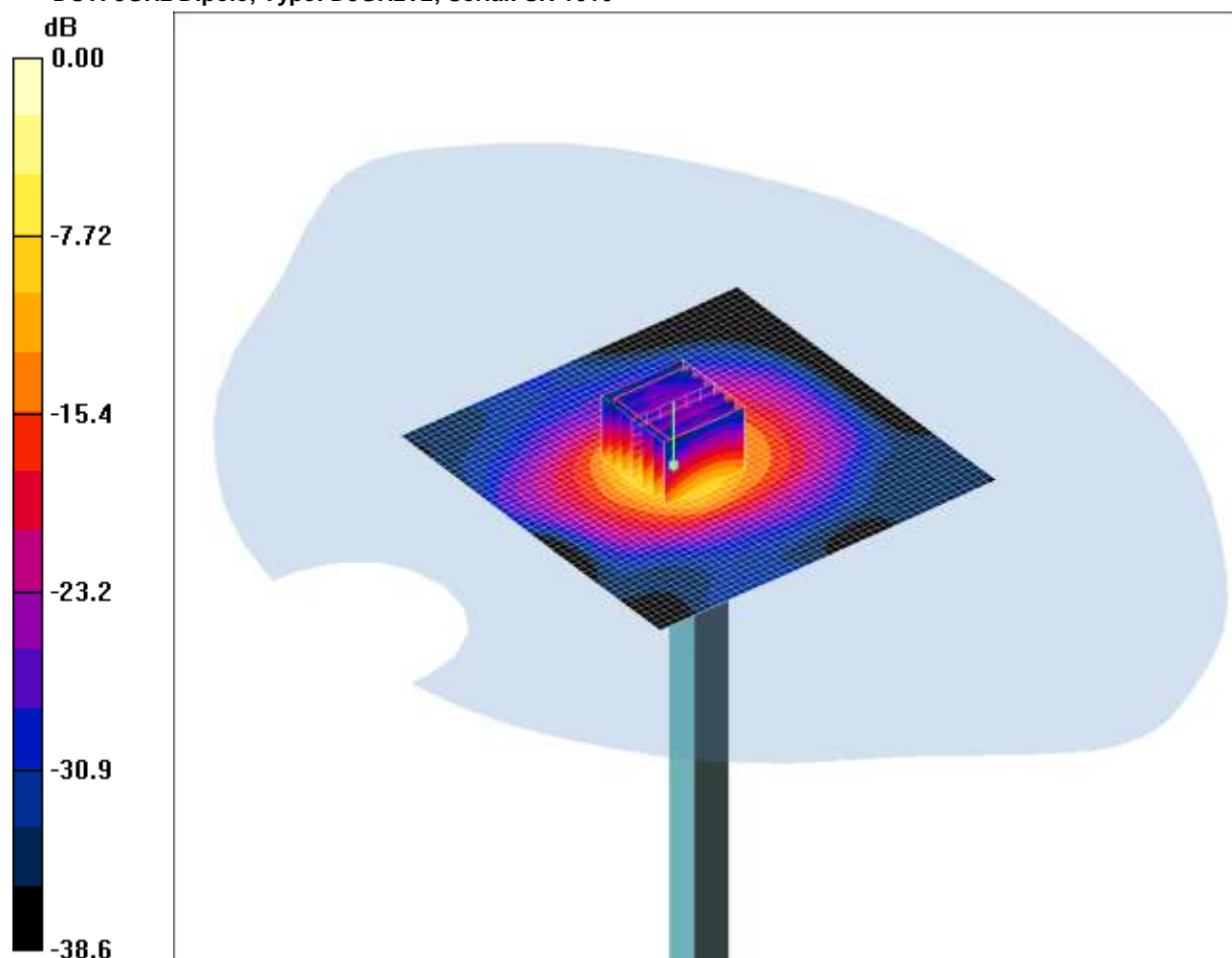
Reference Value = 41.9 V/m; Power Drift = -0.079 dB

Peak SAR (extrapolated) = 30.9 W/kg

SAR(1 g) = 7.93 mW/g; SAR(10 g) = 2.28 mW/g

Maximum value of SAR (measured) = 16.4 mW/g

SCN/90574/166: System Performance Check 5200 MHz Head 27 11 12
Date: 27/11/2012
DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016



0 dB = 16.4mW/g

Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used: $f = 5200$ MHz; $\sigma = 4.79$ mho/m; $\epsilon_r = 34.9$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(5.06, 5.06, 5.06); Calibrated: 24/09/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

d=10mm, Pin=100mW/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 5.53 mW/g

d=10mm, Pin=100mW/Zoom Scan (7x7x9) (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 39.4 V/m; Power Drift = -0.248 dB

Peak SAR (extrapolated) = 31.4 W/kg

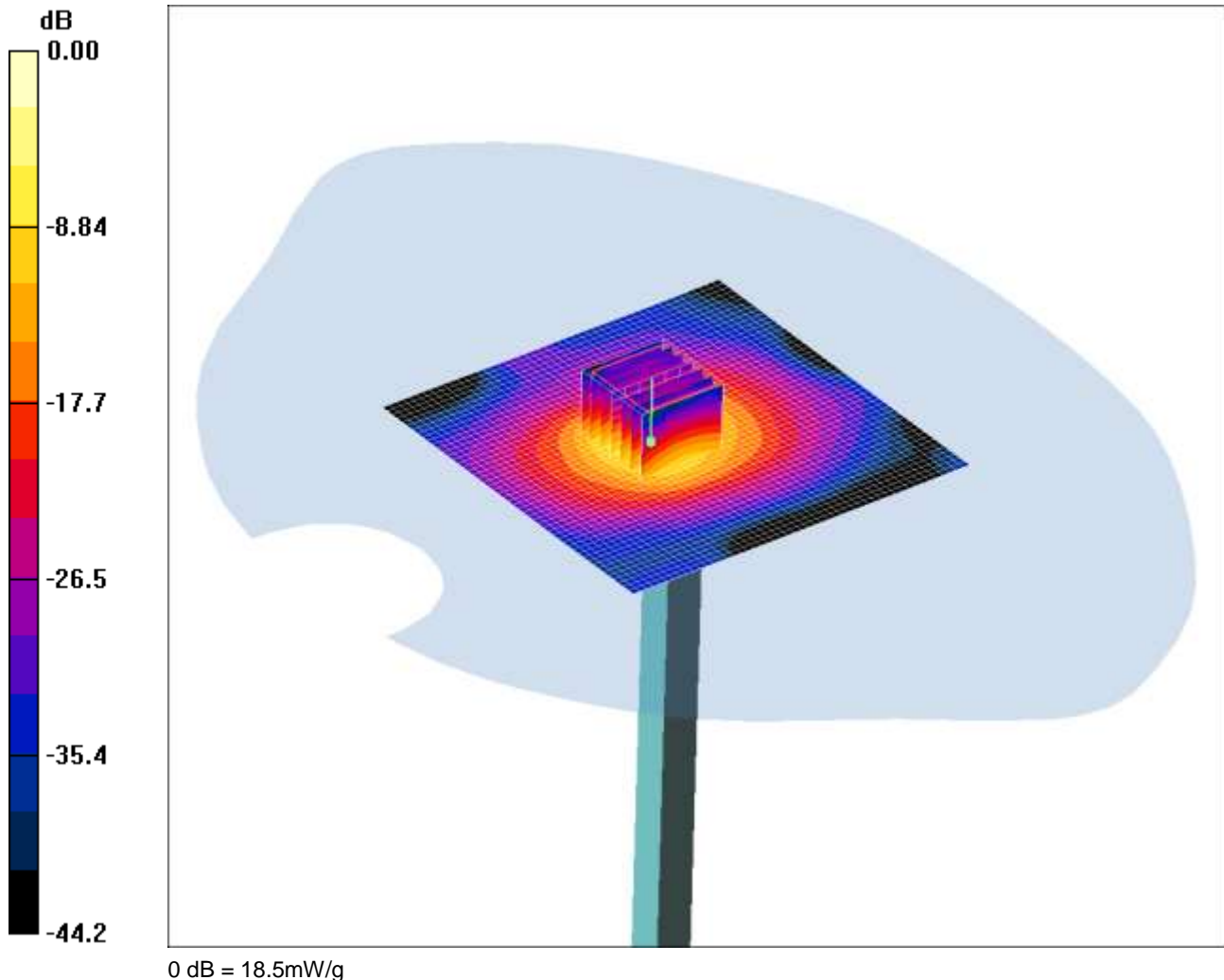
SAR(1 g) = 8.22 mW/g; SAR(10 g) = 2.33 mW/g

Maximum value of SAR (measured) = 16.4 mW/g

SCN/90574/167: System Performance Check 5500 MHz Head 27 11 12

Date: 27/11/2012

DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016



0 dB = 18.5mW/g

Communication System: CW; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used: $f = 5500$ MHz; $\sigma = 5.13$ mho/m; $\epsilon_r = 34.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.54, 4.54, 4.54); Calibrated: 24/09/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

d=10mm, Pin=100mW/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 5.47 mW/g

d=10mm, Pin=100mW/Zoom Scan (7x7x9) (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 40.1 V/m; Power Drift = -0.193 dB

Peak SAR (extrapolated) = 35.7 W/kg

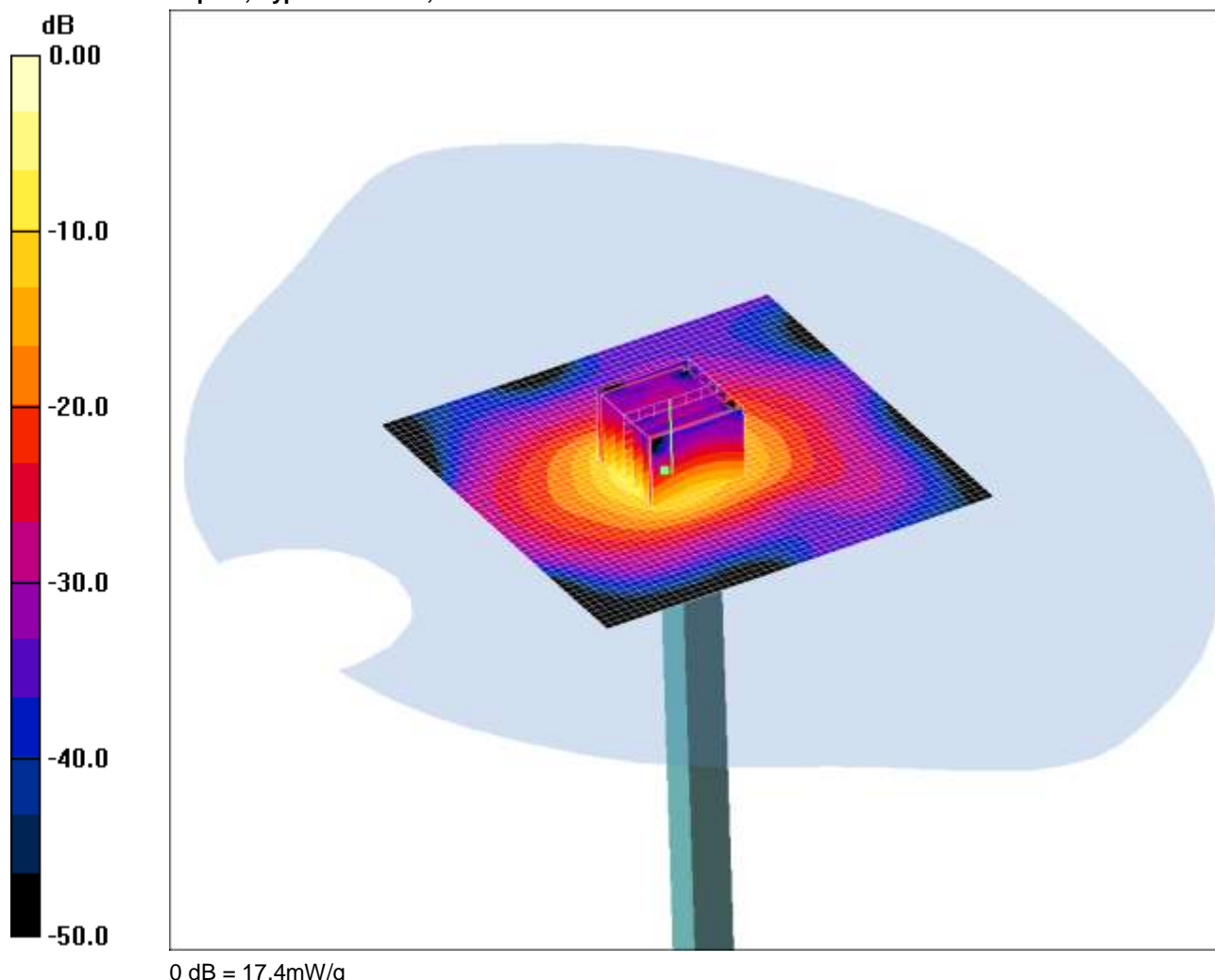
SAR(1 g) = 8.84 mW/g; SAR(10 g) = 2.49 mW/g

Maximum value of SAR (measured) = 18.5 mW/g

SCN/90574/168: System Performance Check 5800 MHz Head 27 11 12

Date: 27/11/2012

DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016



Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium: 5200/5500/5800 MHz HSL Medium parameters used: $f = 5800$ MHz; $\sigma = 5.49$ mho/m; $\epsilon_r = 33.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.5, 4.5, 4.5); Calibrated: 24/09/2012

- Sensor-Surface: 4mm (Mechanical Surface Detection) Sensor-Surface: 2mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

d=10mm, Pin=100mW/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 5.27 mW/g

d=10mm, Pin=100mW/Zoom Scan (7x7x9) 2 (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 34.9 V/m; Power Drift = -0.223 dB

Peak SAR (extrapolated) = 34.8 W/kg

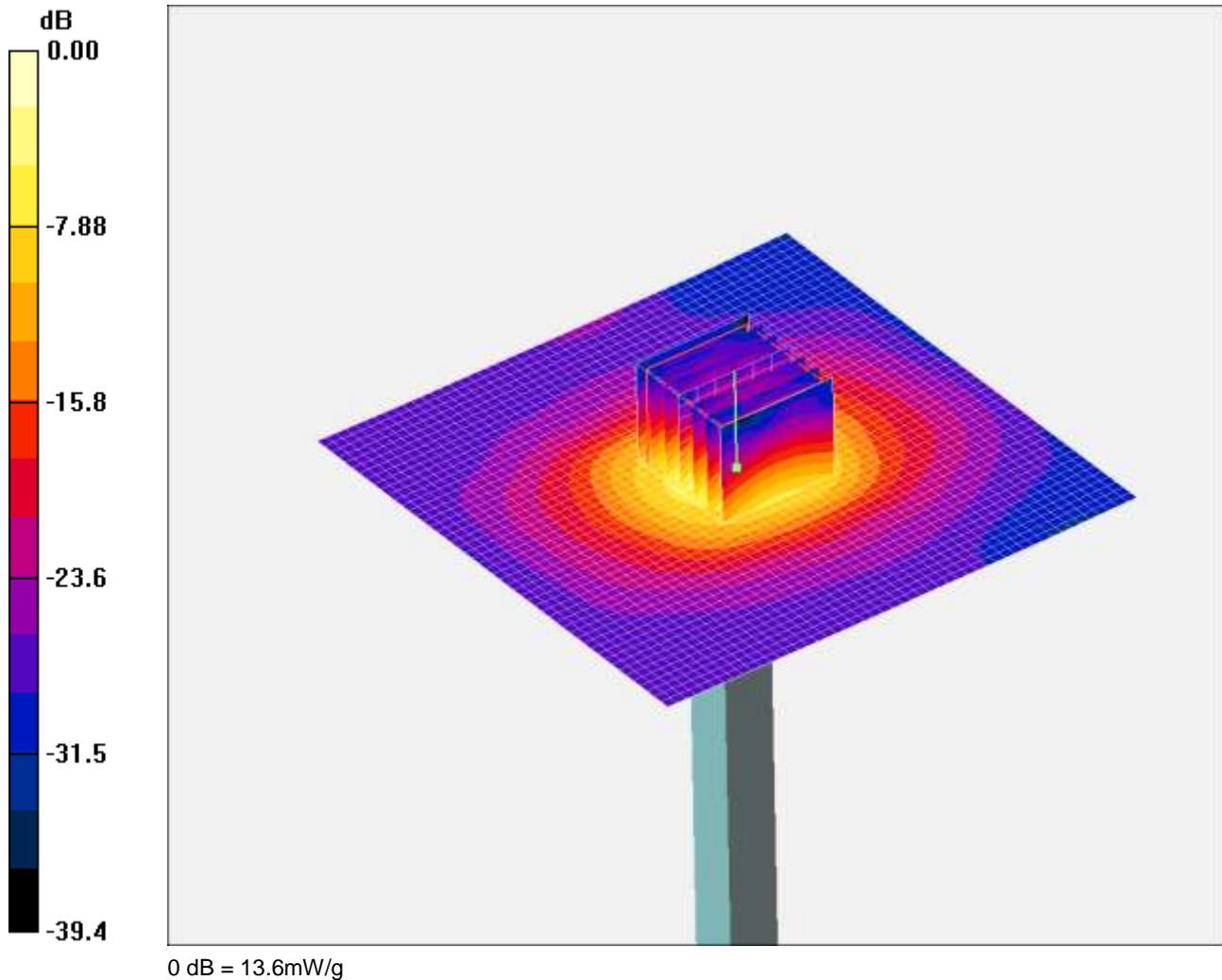
SAR(1 g) = 7.82 mW/g; SAR(10 g) = 2.18 mW/g

Maximum value of SAR (measured) = 17.4 mW/g

SCN/90574/169: System Performance Check 5200 MHz Body 28 11 12

Date: 28/11/2012

DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016



Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: 5800 MHz MSL Medium parameters used: $f = 5200$ MHz; $\sigma = 5.37$ mho/m; $\epsilon_r = 48.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.39, 4.39, 4.39); Calibrated: 24/09/2012

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

d=10mm, Pin=100mW/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 9.32 mW/g

d=10mm, Pin=100mW/Zoom Scan (7x7x9) (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 53.2 V/m; Power Drift = 0.045 dB

Peak SAR (extrapolated) = 26.5 W/kg

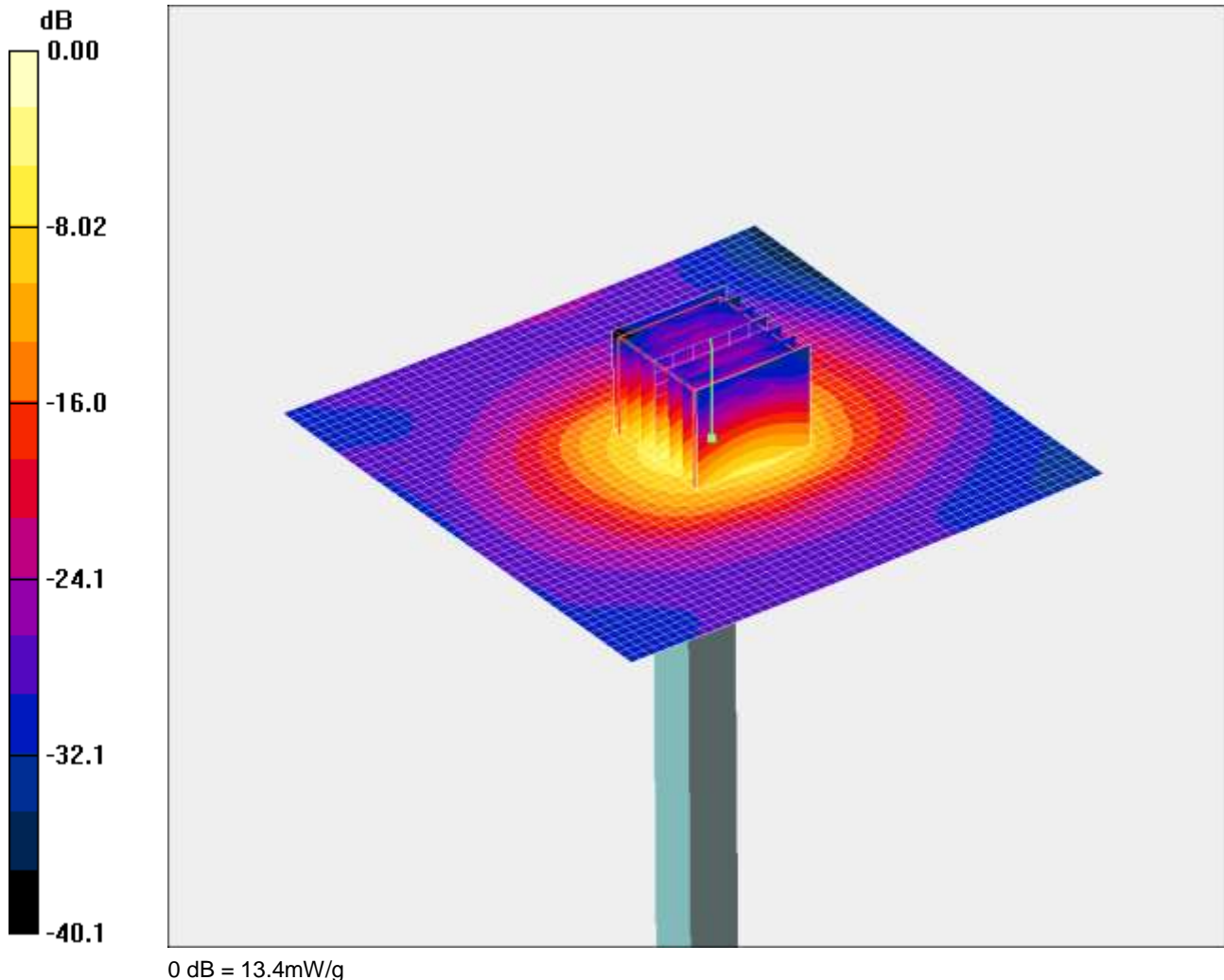
SAR(1 g) = 7.37 mW/g; SAR(10 g) = 2.1 mW/g

Maximum value of SAR (measured) = 13.6 mW/g

SCN/90574/170: System Performance Check 5200 MHz Body 29 11 12

Date: 29/11/2012

DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016



Communication System: CW; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium: 5800 MHz MSL Medium parameters used: $f = 5200$ MHz; $\sigma = 5.37$ mho/m; $\epsilon_r = 48.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.39, 4.39, 4.39); Calibrated: 24/09/2012

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

d=10mm, Pin=100mW/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 8.28 mW/g

d=10mm, Pin=100mW/Zoom Scan (7x7x9) (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 51.4 V/m; Power Drift = 0.012 dB

Peak SAR (extrapolated) = 27.0 W/kg

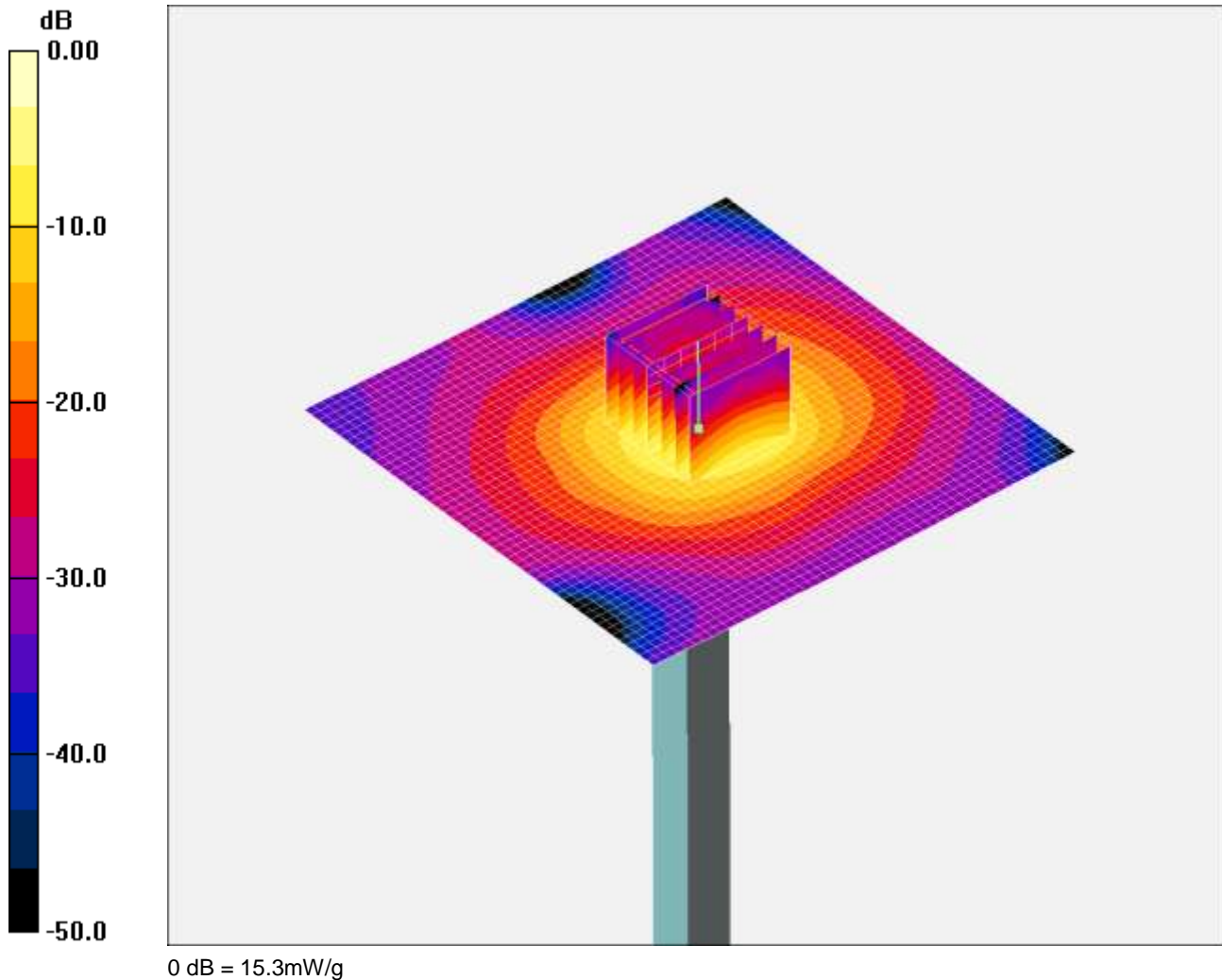
SAR(1 g) = 7.38 mW/g; SAR(10 g) = 2.09 mW/g

Maximum value of SAR (measured) = 13.4 mW/g

SCN/90574/171: System Performance Check 5500 MHz Body 29 11 12

Date: 29/11/2012

DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016



Communication System: CW; Frequency: 5500 MHz; Duty Cycle: 1:1

Medium: 5800 MHz MSL Medium parameters used: $f = 5500$ MHz; $\sigma = 5.78$ mho/m; $\epsilon_r = 47.8$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(4.02, 4.02, 4.02); Calibrated: 24/09/2012

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

d=10mm, Pin=100mW/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 7.59 mW/g

d=10mm, Pin=100mW/Zoom Scan (7x7x9) (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 50.8 V/m; Power Drift = -0.00 dB

Peak SAR (extrapolated) = 33.1 W/kg

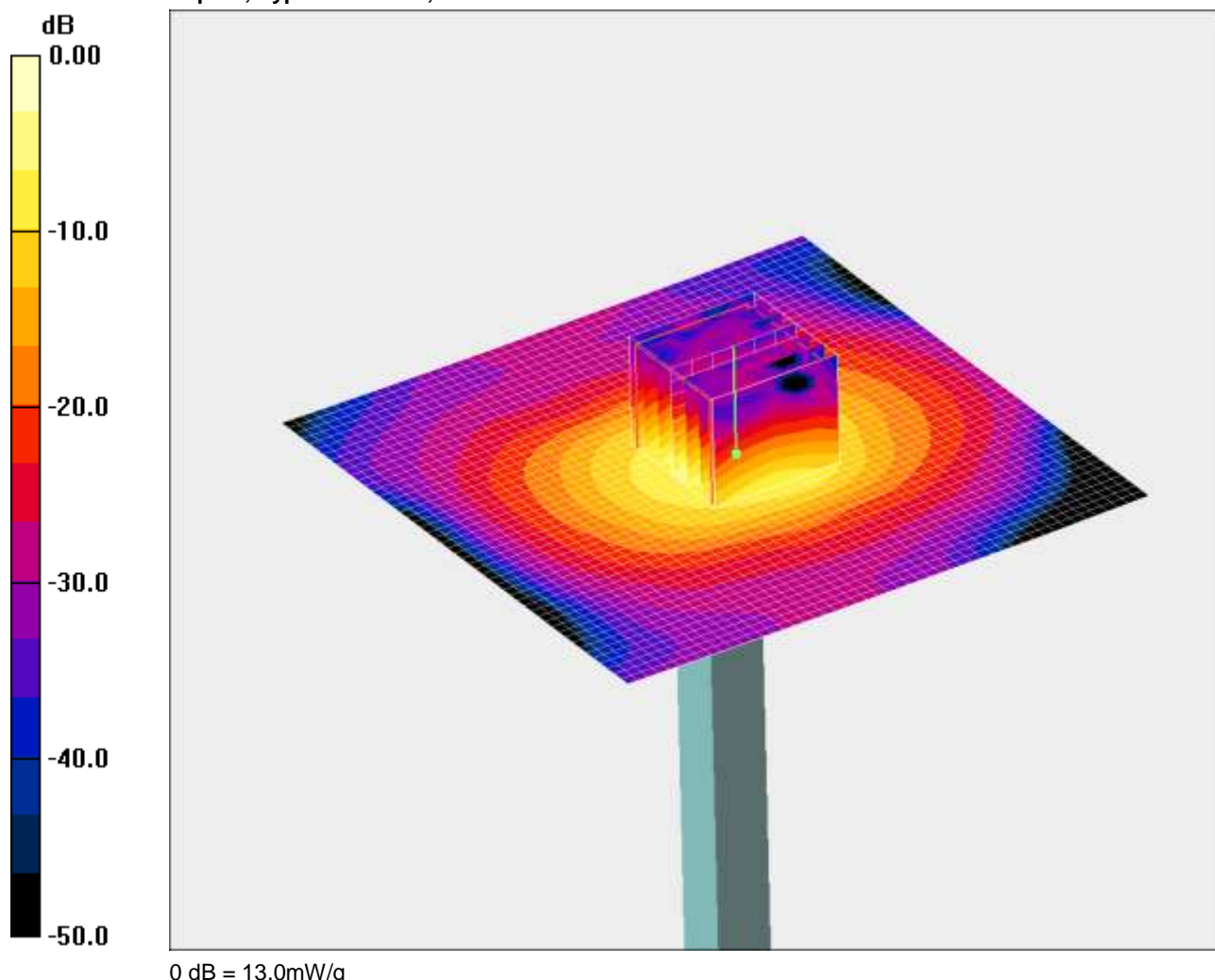
SAR(1 g) = 8.36 mW/g; SAR(10 g) = 2.33 mW/g

Maximum value of SAR (measured) = 15.3 mW/g

SCN/90574/172: System Performance Check 5800 MHz Body 29 11 12

Date: 29/11/2012

DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016



Communication System: CW; Frequency: 5800 MHz; Duty Cycle: 1:1

Medium: 5800 MHz MSL Medium parameters used: $f = 5800 \text{ MHz}$; $\sigma = 6.26 \text{ mho/m}$; $\epsilon_r = 47$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY4 Configuration:

- Probe: EX3DV4 - SN3814; ConvF(3.97, 3.97, 3.97); Calibrated: 24/09/2012

- Sensor-Surface: 2.5mm (Mechanical Surface Detection)

- Electronics: DAE3 Sn394; Calibrated: 26/01/2012

- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx

- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

d=10mm, Pin=100mW/Area Scan (51x51x1): Measurement grid: dx=20mm, dy=20mm

Maximum value of SAR (interpolated) = 7.22 mW/g

d=10mm, Pin=100mW/Zoom Scan (7x7x9) (7x7x9)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2.5mm

Reference Value = 47.0 V/m; Power Drift = -0.021 dB

Peak SAR (extrapolated) = 27.7 W/kg

SAR(1 g) = 6.86 mW/g; SAR(10 g) = 1.92 mW/g

Maximum value of SAR (measured) = 13.0 mW/g