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/87696/001	Touch Left GSM CH190
SCN/87696/002	Touch Left GSM CH128
SCN/87696/003	Touch Left GSM CH251
SCN/87696/004	Tilt Left GSM CH190
SCN/87696/005	Touch Right GSM CH190
SCN/87696/006	Touch Right GSM CH128
SCN/87696/007	Touch Right GSM CH251
SCN/87696/008	Tilt Right GSM CH190
SCN/87696/009	Front of EUT Facing Phantom GPRS CH190
SCN/87696/010	Rear of EUT Facing Phantom GPRS CH190
SCN/87696/011	Left Hand Side of EUT Facing Phantom GPRS CH190
SCN/87696/012	Right Hand Side of EUT Facing Phantom GPRS CH190
SCN/87696/013	Bottom of EUT Facing Phantom GPRS CH190
SCN/87696/014	Rear of EUT Facing Phantom EDGE CH190
SCN/87696/015	Rear of EUT Facing Phantom GSM CH190
SCN/87696/016	Rear of EUT Facing Phantom GSM CH128
SCN/87696/017	Rear of EUT Facing Phantom GSM CH251
SCN/87696/018	Rear of EUT Facing Phantom EDGE CH128
SCN/87696/019	Rear of EUT Facing Phantom EDGE CH251
SCN/87696/020	Rear of EUT Facing Phantom EDGE at 15mm CH190
SCN/87696/021	Rear of EUT Facing Phantom EDGE at 15mm CH128
SCN/87696/022	Rear of EUT Facing Phantom EDGE at 15mm CH251
SCN/87696/023	Rear of EUT Facing Phantom at 15mm with PHF EDGE CH251
SCN/87696/024	Touch Left PCS CH661
SCN/87696/025	Tilt Left PCS CH661
SCN/87696/026	Touch Right PCS CH661
SCN/87696/027	Tilt Right PCS CH661
SCN/87696/028	Touch Right PCS CH512
SCN/87696/029	Touch Right PCS CH810
SCN/87696/030	Front of EUT Facing Phantom GPRS CH661
SCN/87696/031	Rear of EUT Facing Phantom GPRS CH661
SCN/87696/032	Rear of EUT Facing Phantom GPRS CH512
SCN/87696/033	Rear of EUT Facing Phantom GPRS CH810

SAR Distribution Scans (Continued)

Scan Reference Number	Title
SCN/87696/034	Left Hand Side of EUT Facing Phantom GPRS CH661
SCN/87696/035	Right Hand Side of EUT Facing Phantom GPRS CH661
SCN/87696/036	Bottom of EUT Facing Phantom GPRS CH661
SCN/87696/037	Rear of EUT Facing Phantom EDGE CH661
SCN/87696/038	Rear of EUT Facing Phantom PCS CH661
SCN/87696/039	Rear of EUT Facing Phantom at 15mm GPRS CH661
SCN/87696/040	Rear of EUT Facing Phantom at 15mm GPRS CH512
SCN/87696/041	Rear of EUT Facing Phantom at 15mm GPRS CH810
SCN/87696/042	Rear of EUT Facing Phantom with PHF GPRS CH810
SCN/87696/043	Touch Left UMTS FDD II CH9400
SCN/87696/044	Touch Left UMTS FDD II CH9262
SCN/87696/045	Touch Left UMTS FDD II CH9538
SCN/87696/046	Tilt Left UMTS FDD II CH9400
SCN/87696/047	Touch Right UMTS FDD II CH9400
SCN/87696/048	Touch Right UMTS FDD II CH9262
SCN/87696/049	Touch Right UMTS FDD II CH9538
SCN/87696/050	Tilt Right UMTS FDD II CH9400
SCN/87696/051	Front of EUT Facing Phantom UMTS FDDII CH9400
SCN/87696/052	Rear of EUT Facing Phantom UMTS FDDII CH9400
SCN/87696/053	Left Hand Side of EUT Facing Phantom UMTS FDDII CH9400
SCN/87696/054	Right Hand Side of EUT Facing Phantom UMTS FDDII CH9400
SCN/87696/055	Bottom of EUT Facing Phantom UMTS FDDII CH9400
SCN/87696/056	Rear of EUT Facing Phantom UMTS FDDII + HSDPA CH9400
SCN/87696/057	Rear of EUT Facing Phantom UMTS FDDII + HSPA CH9400
SCN/87696/058	Rear of EUT Facing Phantom UMTS FDDII CH9262
SCN/87696/059	Rear of EUT Facing Phantom UMTS FDDII CH9538
SCN/87696/060	Rear of EUT Facing Phantom UMTS FDDII (15mm) CH9400
SCN/87696/061	Rear of EUT Facing Phantom UMTS FDDII (15mm) CH9262
SCN/87696/062	Rear of EUT Facing Phantom UMTS FDDII (15mm) CH9538
SCN/87696/063	Rear of EUT Facing Phantom with PHF UMTS FDDII CH9538
SCN/87696/064	Touch Left UMTS FDD V CH4183
SCN/87696/065	Touch Left UMTS FDD V CH4132
SCN/87696/066	Touch Left UMTS FDD V CH4233
SCN/87696/067	Tilt Left UMTS FDD V CH4183
SCN/87696/068	Touch Right UMTS FDD V CH4183
SCN/87696/069	Touch Right UMTS FDD V CH4132
SCN/87696/070	Touch Right UMTS FDD V CH4233
SCN/87696/071	Tilt Right UMTS FDD V CH4183

SAR Distribution Scans (Continued)

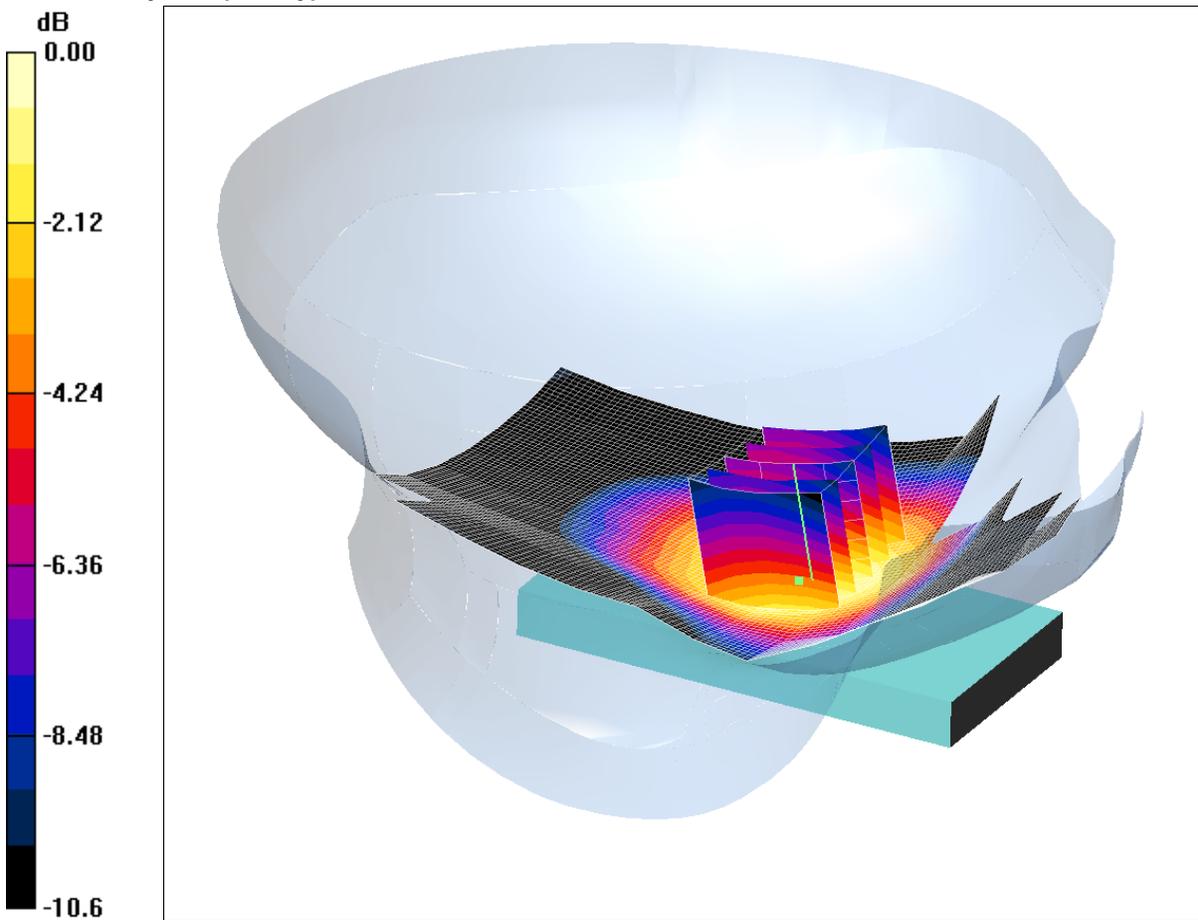| Scan Reference Number	Title
SCN/87696/072	Front of EUT Facing Phantom UMTS FDDV CH4183
SCN/87696/073	Front of EUT Facing Phantom UMTS FDDV CH4132
SCN/87696/074	Front of EUT Facing Phantom UMTS FDDV CH4233
SCN/87696/075	Rear of EUT Facing Phantom UMTS FDDV CH4183
SCN/87696/076	Rear of EUT Facing Phantom UMTS FDDV CH4132
SCN/87696/077	Rear of EUT Facing Phantom UMTS FDDV CH4233
SCN/87696/078	Left Hand Side of EUT Facing Phantom UMTS FDDV CH4183
SCN/87696/079	Left Hand Side of EUT Facing Phantom UMTS FDDV CH4132
SCN/87696/080	Left Hand Side of EUT Facing Phantom UMTS FDDV CH4233
SCN/87696/081	Right Hand Side of EUT Facing Phantom UMTS FDDV CH4183
SCN/87696/082	Right Hand Side of EUT Facing Phantom UMTS FDDV CH4132
SCN/87696/083	Right Hand Side of EUT Facing Phantom UMTS FDDV CH4233
SCN/87696/084	Bottom of EUT Facing Phantom UMTS FDDV CH4183
SCN/87696/085	Rear of EUT Facing Phantom UMTS FDDV + HSDPA CH4183
SCN/87696/086	Rear of EUT Facing Phantom UMTS FDDV + HSDPA CH4132
SCN/87696/087	Rear of EUT Facing Phantom UMTS FDDV + HSDPA CH4233
SCN/87696/088	Rear of EUT Facing Phantom UMTS FDDV + HSPA CH4183
SCN/87696/089	Rear of EUT Facing Phantom at 15mm UMTS FDDV CH4183
SCN/87696/090	Rear of EUT Facing Phantom at 15mm UMTS FDDV CH4132
SCN/87696/091	Rear of EUT Facing Phantom at 15mm UMTS FDDV CH4233
SCN/87696/092	Rear of EUT Facing Phantom with PHF UMTS FDDV CH4183
SCN/87696/093	Touch Left WLAN 802.11b 1Mbps CH6
SCN/87696/094	Tilt Left WLAN 802.11b 1Mbps CH6
SCN/87696/095	Touch Right WLAN 802.11b 1Mbps CH6
SCN/87696/096	Tilt Right WLAN 802.11b 1Mbps CH6
SCN/87696/097	Touch Left WLAN 802.11g 6Mbps CH6
SCN/87696/098	Touch Left WLAN 802.11n 6_5Mbps CH6
SCN/87696/099	Touch Left WLAN 802.11b 1Mbps CH1
SCN/87696/100	Touch Left WLAN 802.11b 1Mbps CH11
SCN/87696/101	Front of EUT Facing Phantom WLAN 802.11b 1Mbps CH6
SCN/87696/102	Rear of EUT Facing Phantom WLAN 802.11b 1Mbps CH6
SCN/87696/103	Left Hand Side of EUT Facing Phantom WLAN 802.11b 1Mbps CH6
SCN/87696/104	Right Hand Side of EUT Facing Phantom WLAN 802.11b 1Mbps CH6
SCN/87696/105	Top of EUT Facing Phantom WLAN 802.11b 1Mbps CH6
SCN/87696/106	Right Hand Side of EUT Facing Phantom WLAN 802.11g 6Mbps CH6
SCN/87696/107	Right Hand Side of EUT Facing Phantom WLAN 802.11n 6_5Mbps CH6

SAR Distribution Scans (Continued)

Scan Reference Number	Title
SCN/87696/108	Right Hand Side of EUT Facing Phantom WLAN 802.11b 1Mbps CH1
SCN/87696/109	Right Hand Side of EUT Facing Phantom WLAN 802.11b 1Mbps CH11
SCN/87696/110	Right Hand Side of EUT Facing Phantom with PHF WLAN 802.11b 1Mbps CH6
SCN/87696/111	Touch Right GSM CH251+ WLAN 802.11b 1Mbps SPLSR Calculations
SCN/87696/112	Simultaneous Transmission GSM CH251 + WLAN802.11b 1 Mbps CH6
SCN/87696/113	System Performance Check 900MHz Head 24 04 12
SCN/87696/114	System Performance Check 900MHz Head 27 04 12
SCN/87696/115	System Performance Check 900MHz Body 24 04 12
SCN/87696/116	System Performance Check sn3814 900MHz Body 25 04 12
SCN/87696/117	System Performance Check sn1528 900MHz Body 25 04 12
SCN/87696/118	System Performance Check 1900MHz Head 26 04 12
SCN/87696/119	System Performance Check 1900MHz Body 26 04 12
SCN/87696/120	System Performance Check 2450MHz Head 25 04 12
SCN/87696/121	System Performance Check 2450MHz Head 27 04 12
SCN/87696/122	System Performance Check 2450MHz Body 27 04 12

SCN/87696/001: Touch Left GSM CH190
Date: 24/04/2012
DUT: Sony Kumquat ; Type: AAD-3880131-BV; Serial: BX902TOA3W

dB

0.00

-2.12

-4.24

-6.36

-8.48

-10.6

0 dB = 1.08mW/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; σ = 0.898 mho/m; $ε_r$ = 43.6; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(5.85, 5.85, 5.85); Calibrated: 18/07/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 05/05/2011
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- 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) = 1.10 mW/g
Touch Left - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.8 V/m; Power Drift = -0.01 dB
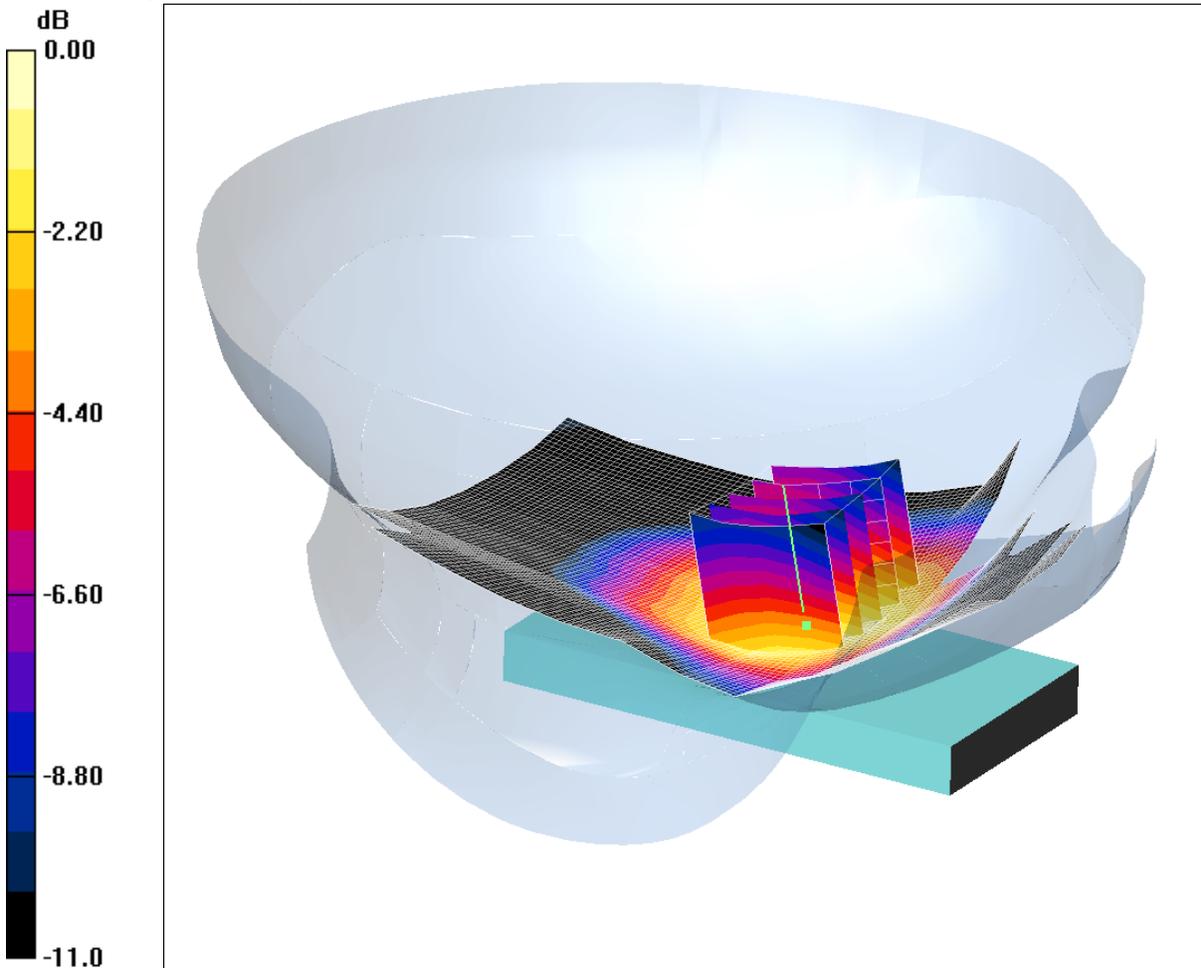Peak SAR (extrapolated) = 1.36 W/kg
SAR(1 g) = 1.06 mW/g; SAR(10 g) = 0.773 mW/g
Maximum value of SAR (measured) = 1.08 mW/g

SCN/87696/002: Touch Left GSM CH128
Date: 24/04/2012
DUT: Sony Kumquat ; Type: Kumquat 125; Serial: BX902T0A3W
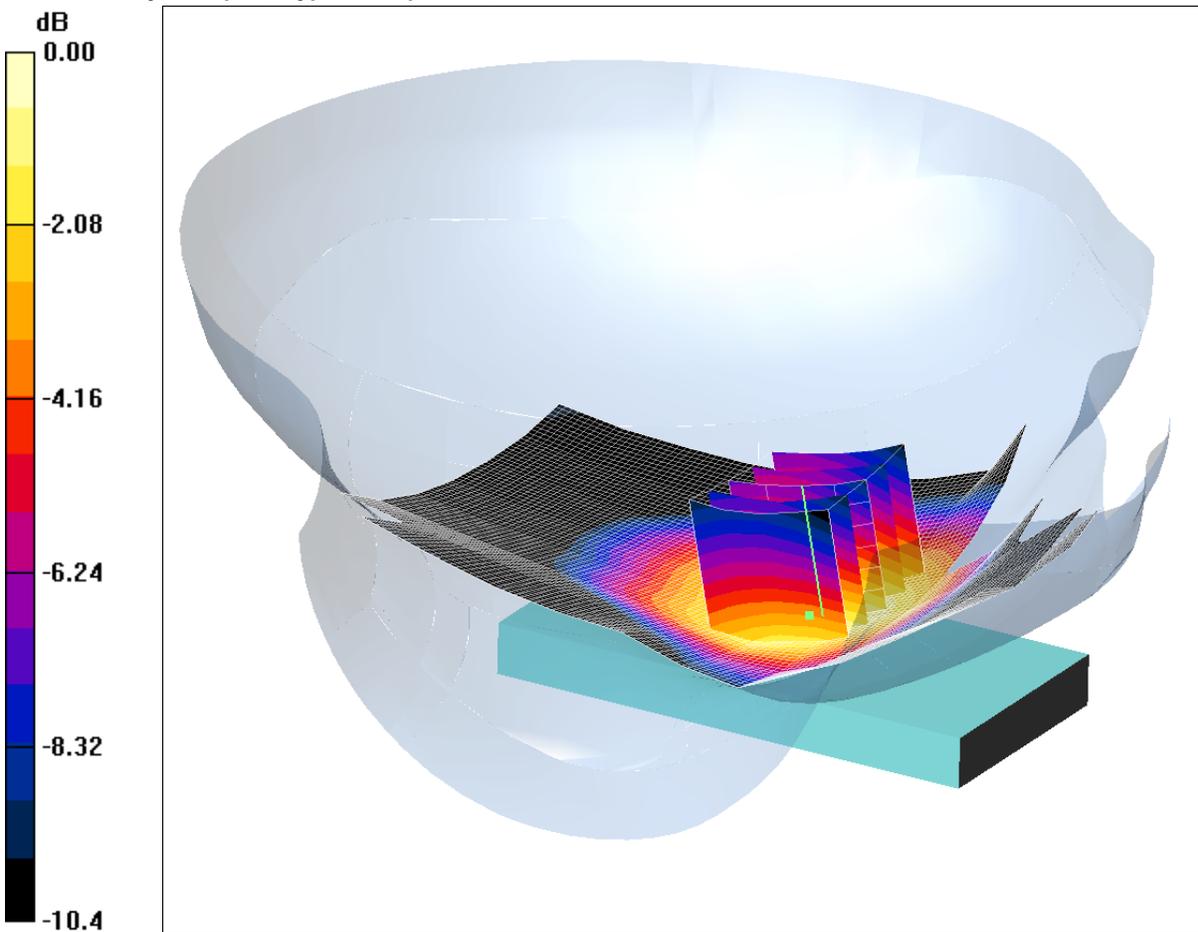
0 dB = 0.892mW/g

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; σ = 0.891 mho/m; $ε_r$ = 43.7; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(5.85, 5.85, 5.85); Calibrated: 18/07/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 05/05/2011
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- 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) = 0.910 mW/g
Touch Left - Low/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.5 V/m; Power Drift = 0.014 dB
Peak SAR (extrapolated) = 1.11 W/kg
SAR(1 g) = 0.862 mW/g; SAR(10 g) = 0.634 mW/g
Maximum value of SAR (measured) = 0.892 mW/g

SCN/87696/003: Touch Left GSM CH251
Date: 24/04/2012
DUT: Sony Kumquat ; Type: Kumquat 125; Serial: BX902T0A3W

0 dB = 1.30mW/g

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; σ = 0.905 mho/m; $ε_r$ = 43.6; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(5.85, 5.85, 5.85); Calibrated: 18/07/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 05/05/2011
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- 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) = 1.31 mW/g
Touch Left -High/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.7 V/m; Power Drift = -0.023 dB
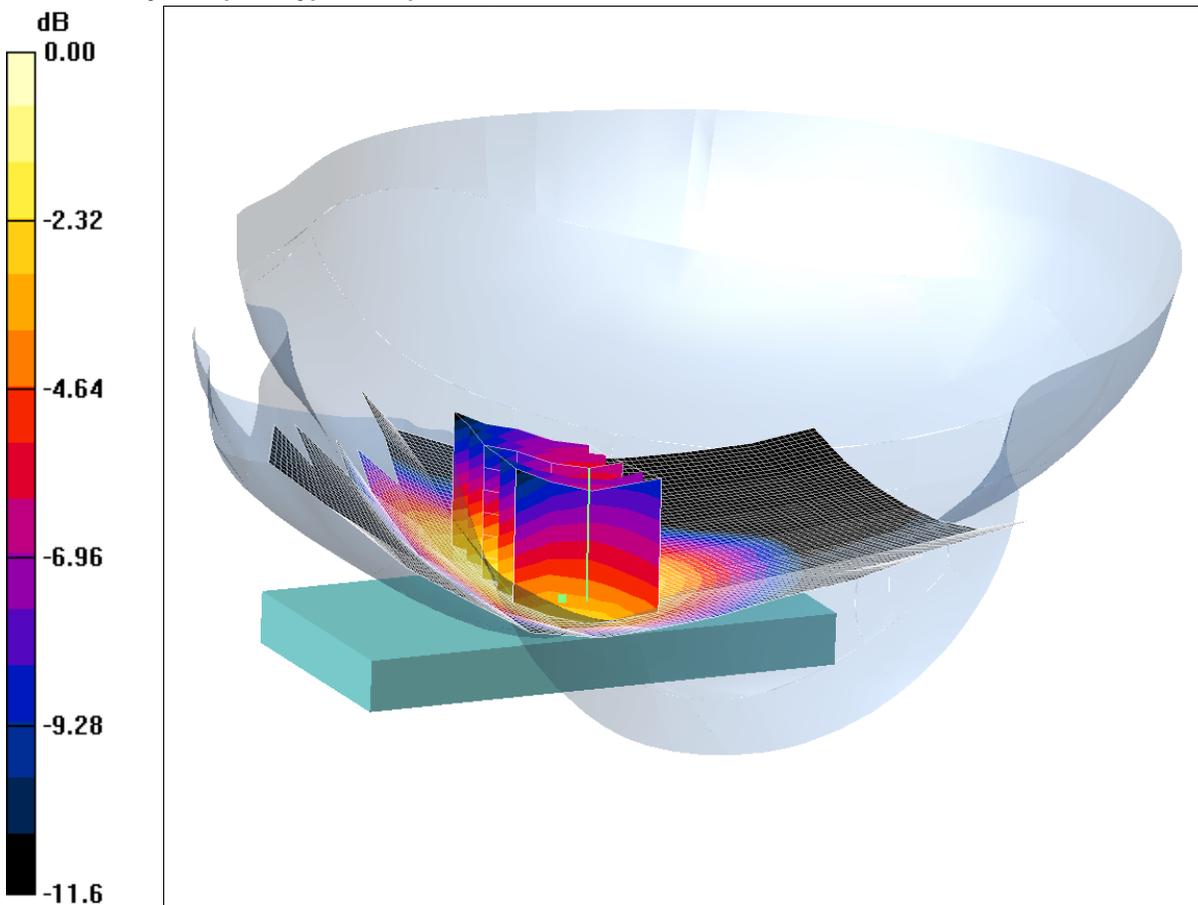Peak SAR (extrapolated) = 1.63 W/kg
SAR(1 g) = 1.25 mW/g; SAR(10 g) = 0.915 mW/g
Maximum value of SAR (measured) = 1.30 mW/g

SCN/87696/004: Tilt Left GSM CH190
Date: 24/04/2012
DUT: Sony Kumquat ; Type: Kumquat 125; Serial: BX902T0A3W
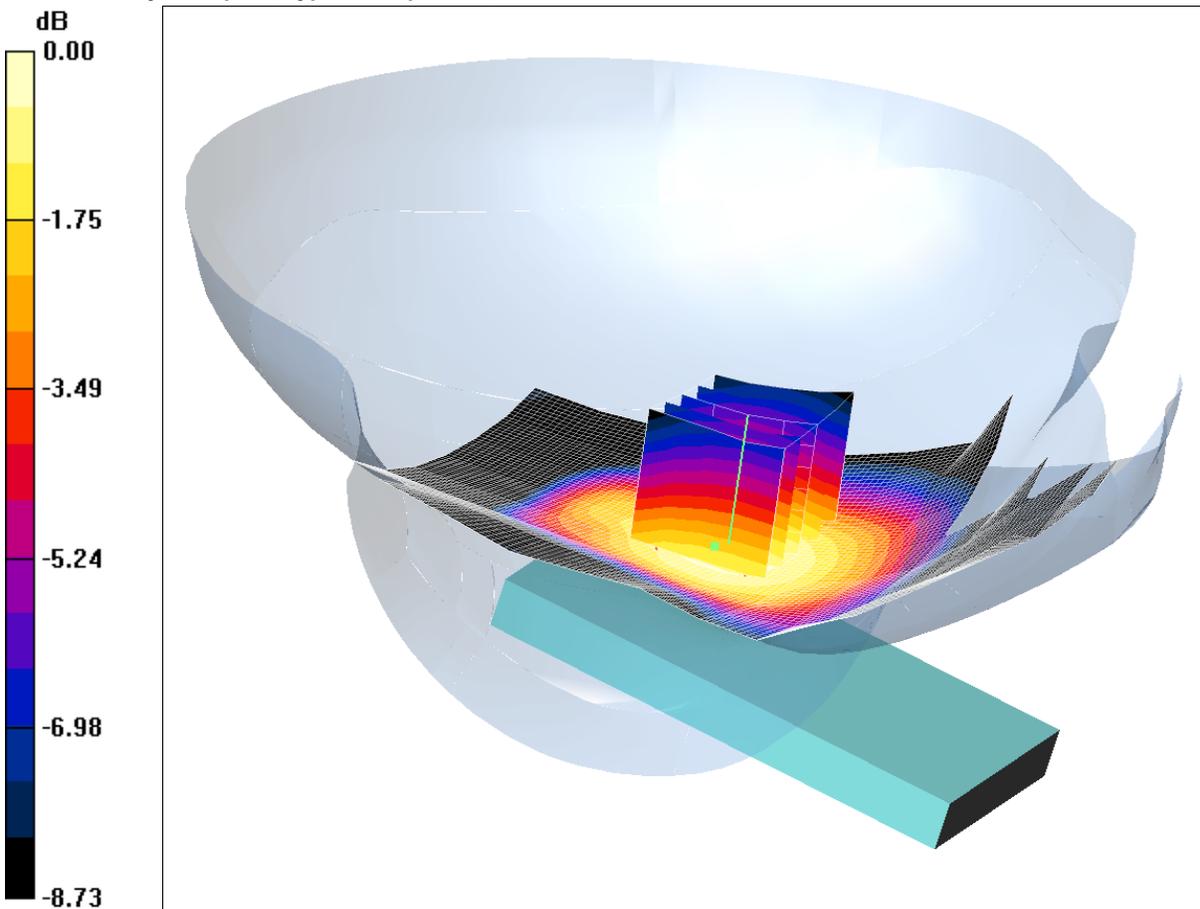
0 dB = 0.560mW/g

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; σ = 0.898 mho/m; $ε_r$ = 43.6; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(5.85, 5.85, 5.85); Calibrated: 18/07/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 05/05/2011
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- 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) = 0.552 mW/g
Tilt Left - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.2 V/m; Power Drift = 0.025 dB
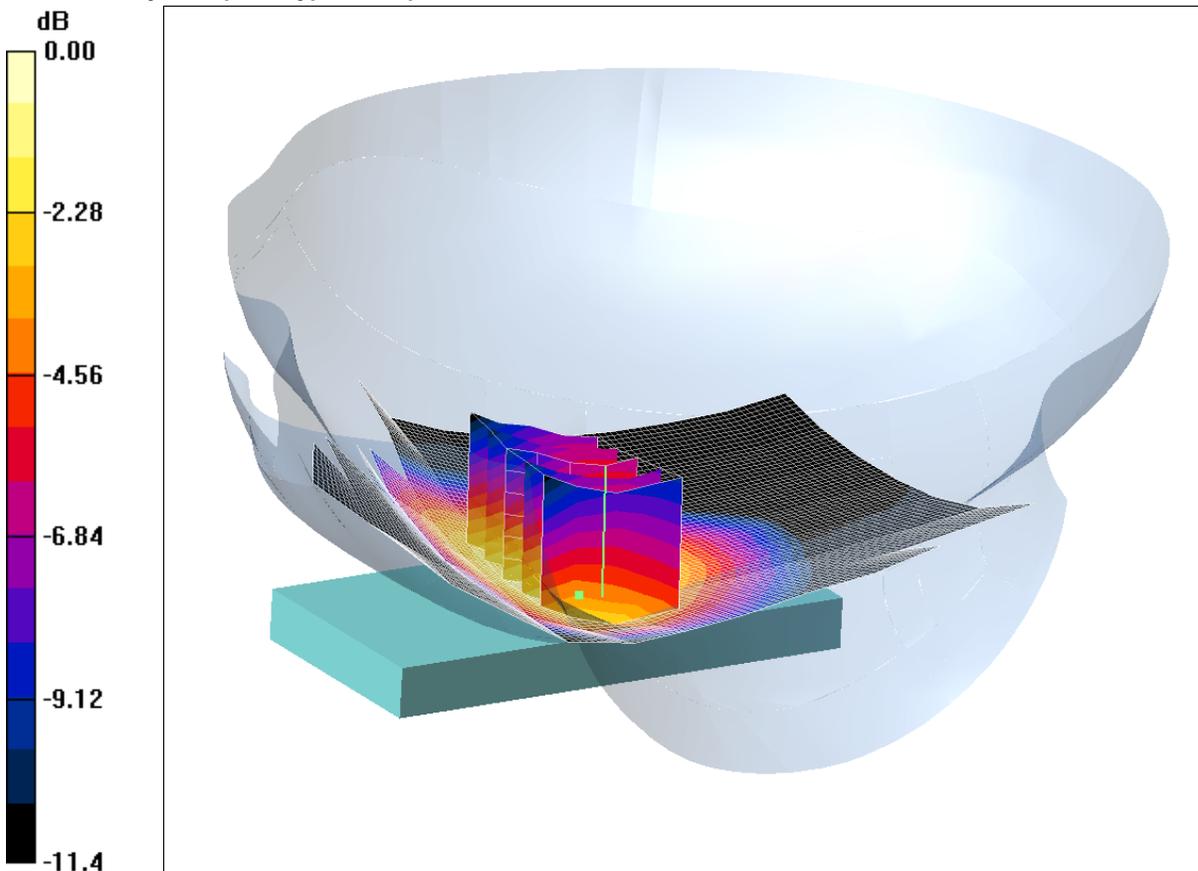Peak SAR (extrapolated) = 0.652 W/kg
SAR(1 g) = 0.534 mW/g; SAR(10 g) = 0.401 mW/g
Maximum value of SAR (measured) = 0.560 mW/g

SCN/87696/005: Touch Right GSM CH190
Date: 24/04/2012
DUT: Sony Kumquat ; Type: Kumquat 125; Serial: BX902T0A3W

0 dB = 1.26mW/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; σ = 0.898 mho/m; $ε_r$ = 43.6; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(5.85, 5.85, 5.85); Calibrated: 18/07/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 05/05/2011
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- 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) = 1.17 mW/g
Touch Right - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.1 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.77 W/kg
SAR(1 g) = 1.22 mW/g; SAR(10 g) = 0.871 mW/g
Maximum value of SAR (measured) = 1.26 mW/g

SCN/87696/006: Touch Right GSM CH128
Date: 24/04/2012
DUT: Sony Kumquat ; Type: Kumquat 125; Serial: BX902T0A3W

0 dB = 1.06mW/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; σ = 0.891 mho/m; $ε_r$ = 43.7; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(5.85, 5.85, 5.85); Calibrated: 18/07/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 05/05/2011
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- 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) = 0.973 mW/g
Touch Right - Low/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.6 V/m; Power Drift = 0.138 dB
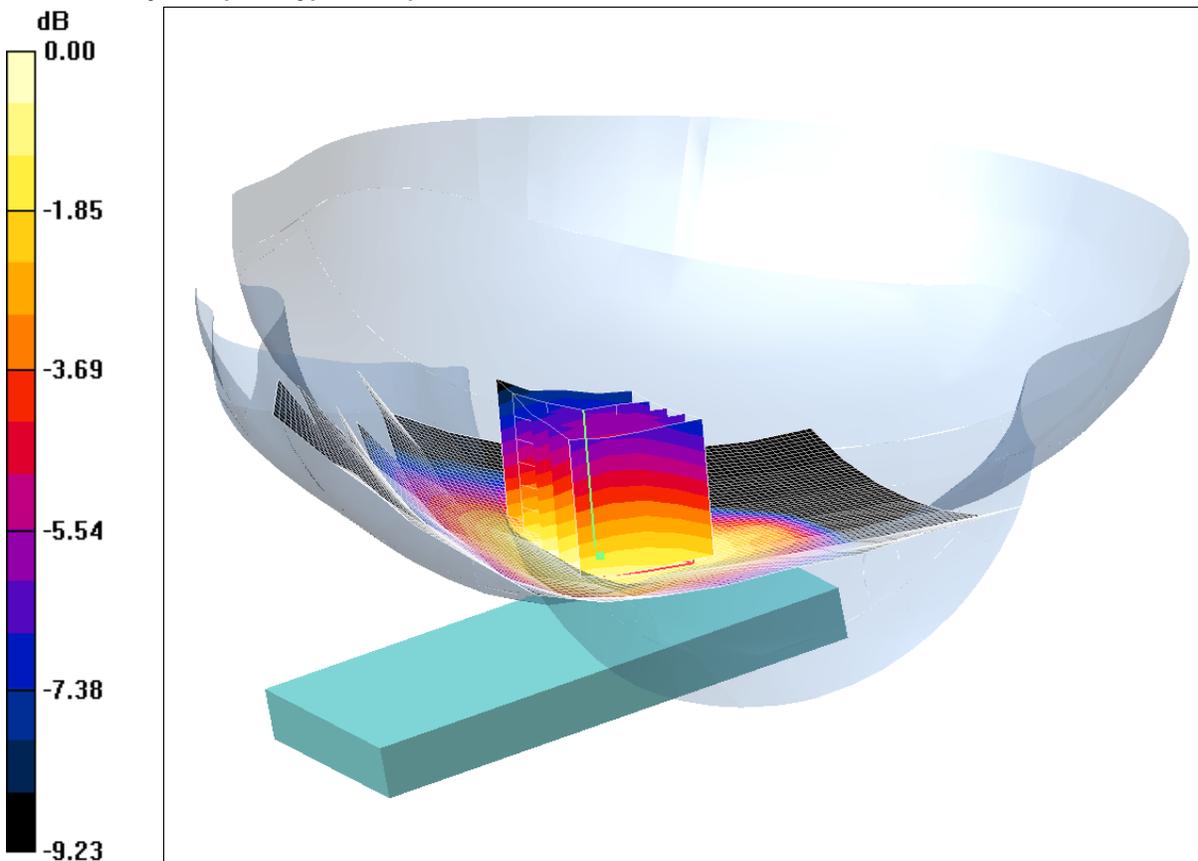Peak SAR (extrapolated) = 1.49 W/kg
SAR(1 g) = 1.01 mW/g; SAR(10 g) = 0.725 mW/g
Maximum value of SAR (measured) = 1.06 mW/g

SCN/87696/007: Touch Right GSM CH251
Date: 24/04/2012
DUT: Sony Kumquat ; Type: Kumquat 125; Serial: BX902T0A3W
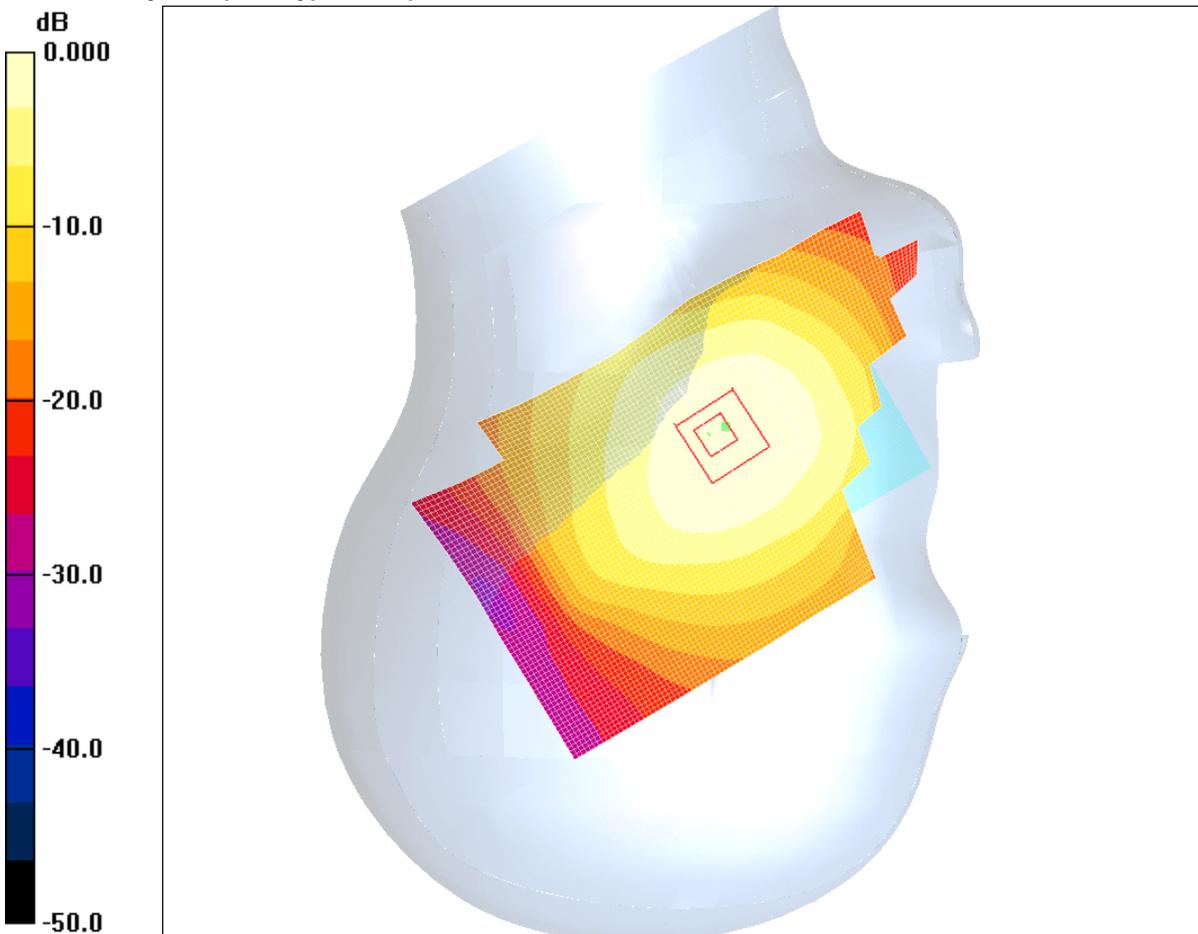
0 dB = 1.45mW/g

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; σ = 0.905 mho/m; ε_r = 43.6; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(5.85, 5.85, 5.85); Calibrated: 18/07/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 05/05/2011
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 176
Touch Right - High/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.45 mW/g
Touch Right - High/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.9 V/m; Power Drift = -0.013 dB
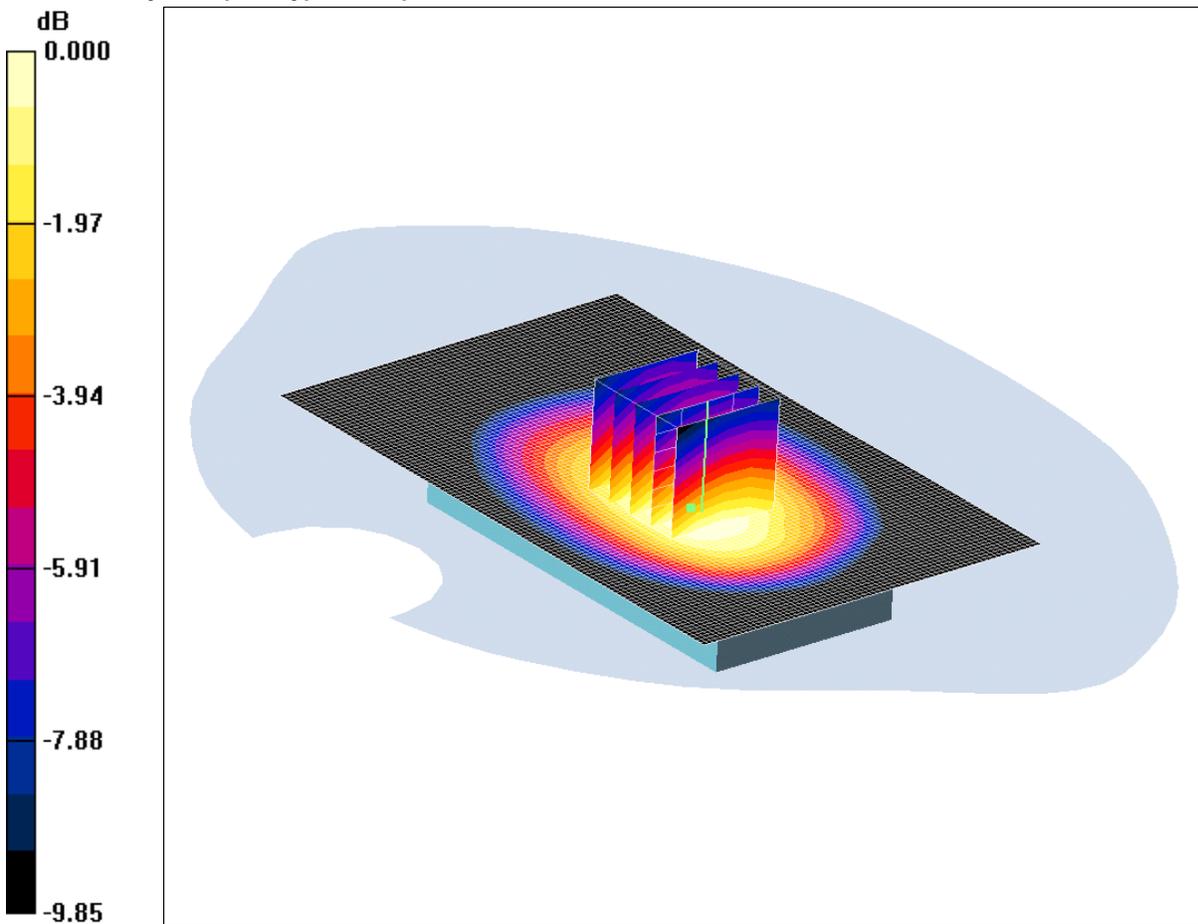Peak SAR (extrapolated) = 2.15 W/kg
SAR(1 g) = 1.53 mW/g; SAR(10 g) = 1.07 mW/g
Maximum value of SAR (measured) = 1.70 mW/g

SCN/87696/008: Tilt Right GSM CH190
Date: 24/04/2012
DUT: Sony Kumquat ; Type: Kumquat 125; Serial: BX902T0A3W

0 dB = 0.537mW/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; σ = 0.898 mho/m; $ε_r$ = 43.6; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(5.85, 5.85, 5.85); Calibrated: 18/07/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 05/05/2011
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- 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) = 0.508 mW/g
Tilt Right - Middle/Zoom Scan (5x5x7) 2 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.7 V/m; Power Drift = 0.128 dB
Peak SAR (extrapolated) = 0.619 W/kg
SAR(1 g) = 0.498 mW/g; SAR(10 g) = 0.385 mW/g
Maximum value of SAR (measured) = 0.537 mW/g

SCN/87696/009: Front of EUT Facing Phantom GPRS CH190
Date 24/04/2012
DUT: Sony Kumquat; Type: Kumquat 125; Serial: BX902T0A3W

0 dB = 0.820mW/g

Communication System: GPRS 850 MHz 3TX; Frequency: 836.6 MHz;Duty Cycle: 1:2.67
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.01 mho/m; $ε_r$ = 53.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Front of EUT Facing Phantom - Middle 2/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.828 mW/g
Front of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0: Measurement grid:
dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.8 V/m; Power Drift = -0.040 dB
Peak SAR (extrapolated) = 0.956 W/kg
SAR(1 g) = 0.718 mW/g; SAR(10 g) = 0.525 mW/g
Maximum value of SAR (measured) = 0.820 mW/g

SCN/87696/010: Rear of EUT Facing Phantom GPRS CH190
Date 24/04/2012
DUT: Sony Kumquat; Type: Kumquat 125; Serial: BX902T0A3W
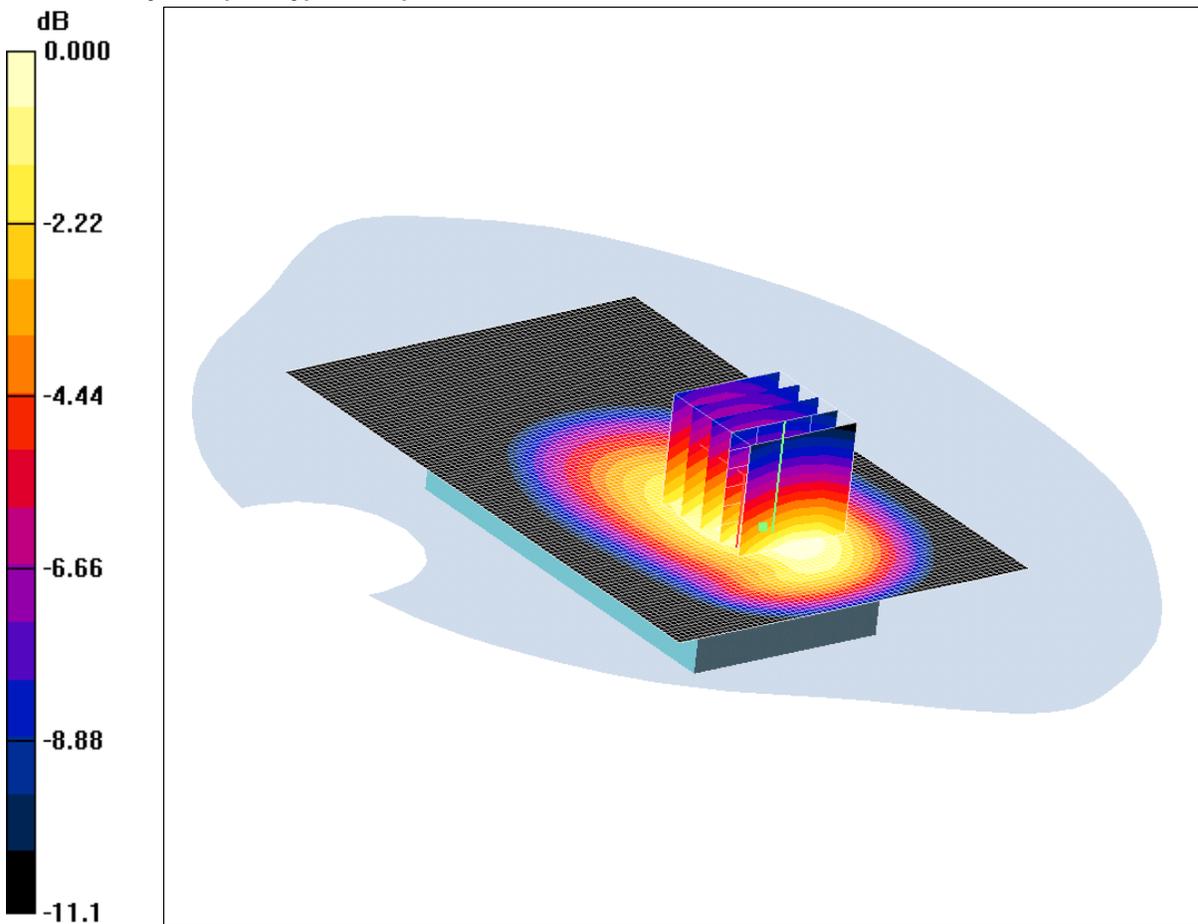
0 dB = 0.941mW/g

Communication System: GPRS 850 MHz 3TX; Frequency: 836.6 MHz;Duty Cycle: 1:2.67
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.01 mho/m; ε$_r$ = 53.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Rear of EUT Facing Phantom - Middle/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.946 mW/g
Rear of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.5 V/m; Power Drift = 0.027 dB
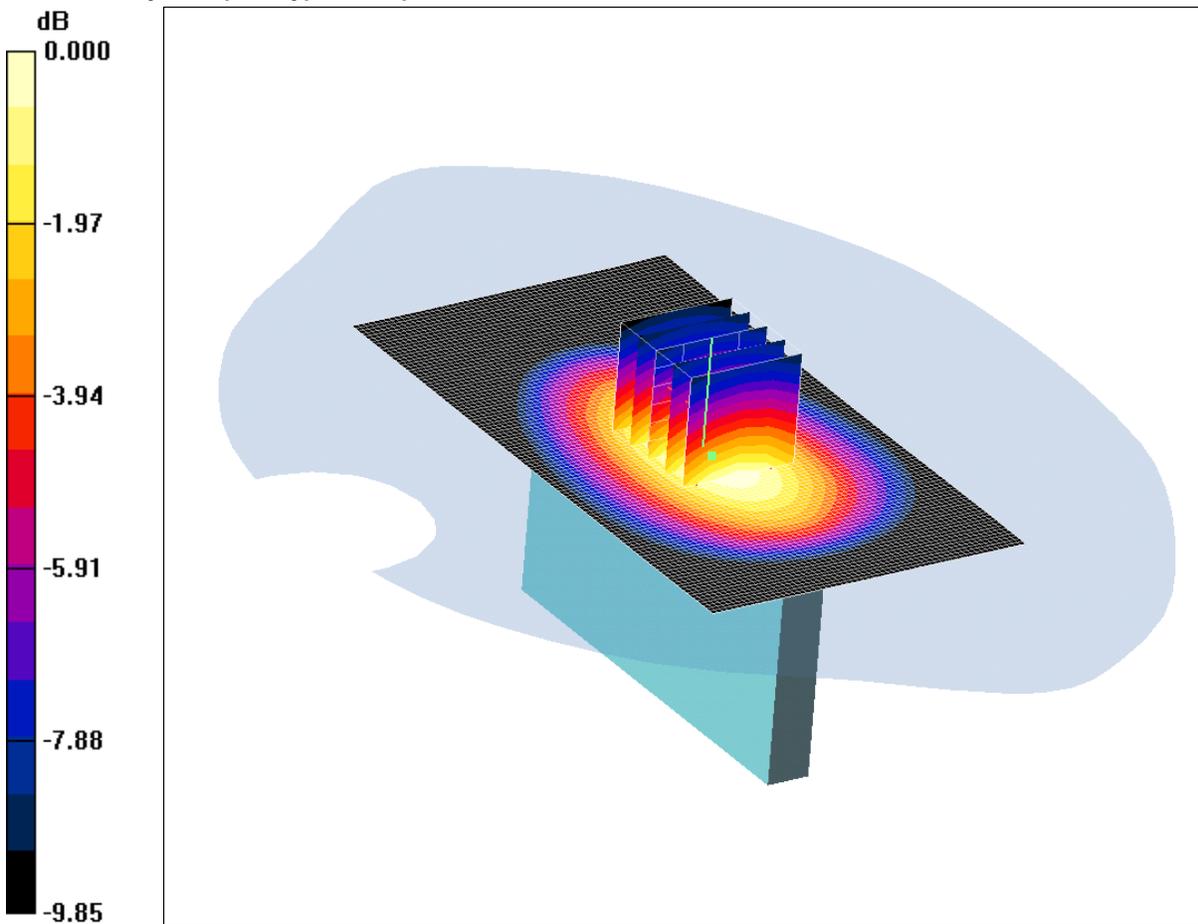Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.797 mW/g; SAR(10 g) = 0.554 mW/g
Maximum value of SAR (measured) = 0.941 mW/g

SCN/87696/011: Left Hand Side of EUT Facing Phantom GPRS CH190
Date 24/04/2012
DUT: Sony Kumquat; Type: Kumquat 125; Serial: BX902T0A3W
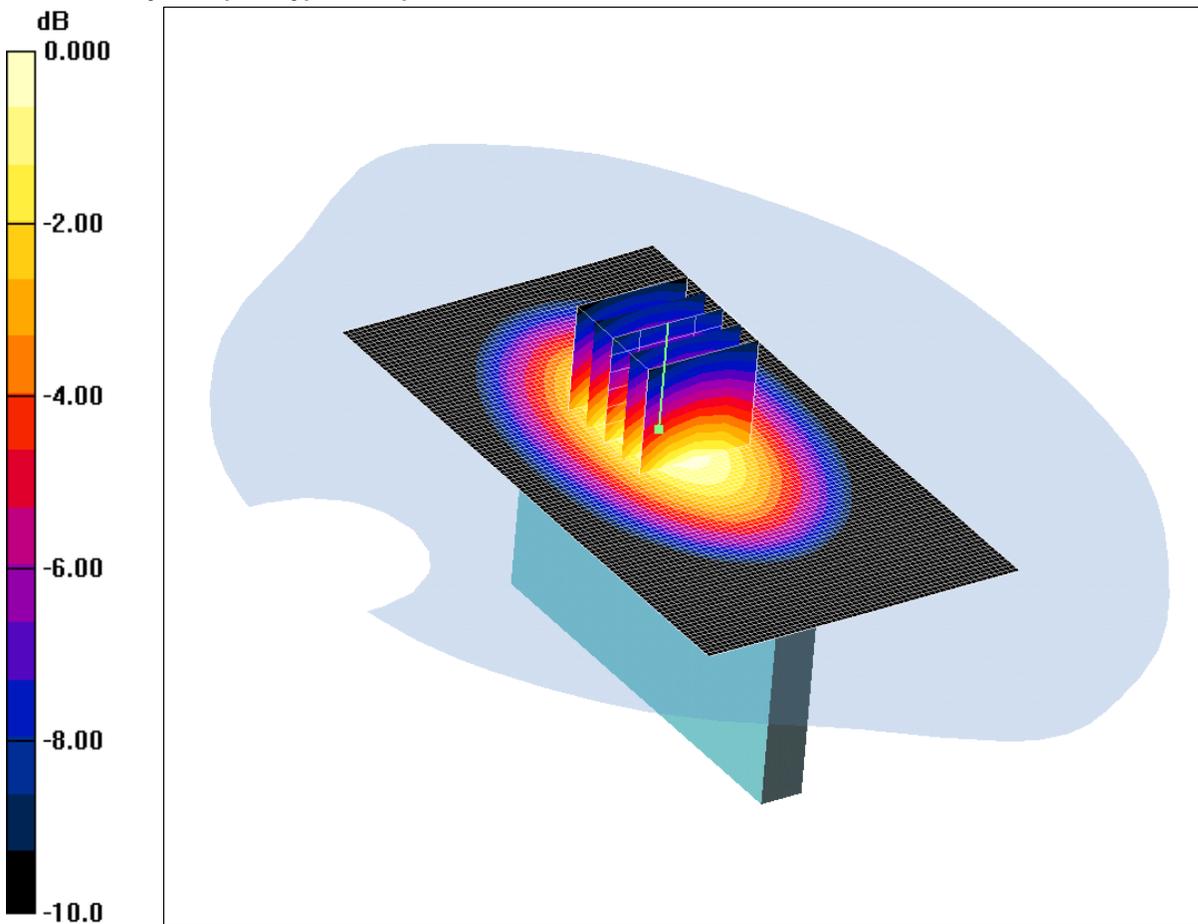
0 dB = 0.784mW/g

Communication System: GPRS 850 MHz 3TX; Frequency: 836.6 MHz;Duty Cycle: 1:2.67
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.01 mho/m; ε_r = 53.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Left Hand Side of EUT Facing Phantom - Middle/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.785 mW/g
Left Hand Side of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.5 V/m; Power Drift = 0.052 dB
Peak SAR (extrapolated) = 0.944 W/kg
SAR(1 g) = 0.659 mW/g; SAR(10 g) = 0.450 mW/g
Maximum value of SAR (measured) = 0.784 mW/g

SCN/87696/012: Right Hand Side of EUT Facing Phantom GPRS CH190
Date 24/04/2012
DUT: Sony Kumquat; Type: Kumquat 125; Serial: BX902T0A3W

0 dB = 0.821mW/g

Communication System: GPRS 850 MHz 3TX; Frequency: 836.6 MHz;Duty Cycle: 1:2.67
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.01 mho/m; ε_r = 53.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Right Hand Side of EUT Facing Phantom - Middle/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.822 mW/g
Right Hand Side of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 27.6 V/m; Power Drift = -0.011 dB
Peak SAR (extrapolated) = 0.994 W/kg
SAR(1 g) = 0.696 mW/g; SAR(10 g) = 0.480 mW/g
Maximum value of SAR (measured) = 0.821 mW/g

SCN/87696/013: Bottom of EUT Facing Phantom GPRS CH190
Date: 25/04/2012
DUT: Sony Kumquat; Type: Kumquat 125; Serial: BX902T0A3W
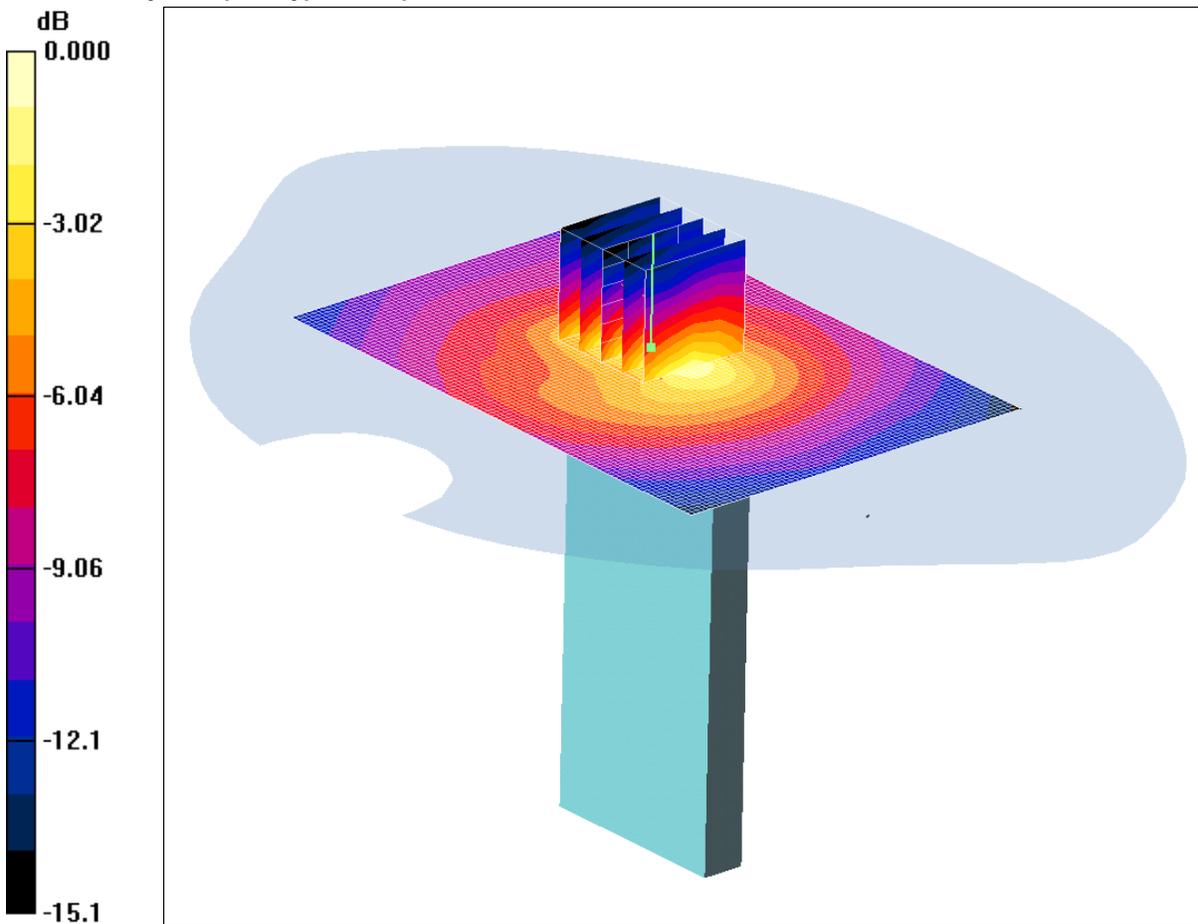
0 dB = 0.124mW/g

Communication System: GPRS 850 MHz 3TX; Frequency: 836.6 MHz;Duty Cycle: 1:2.67
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.998 mho/m; $ε_r$ = 53.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Bottom of EUT Facing Phantom - Middle/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.112 mW/g
Bottom of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0: Measurement grid:
dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.5 V/m; Power Drift = 0.022 dB
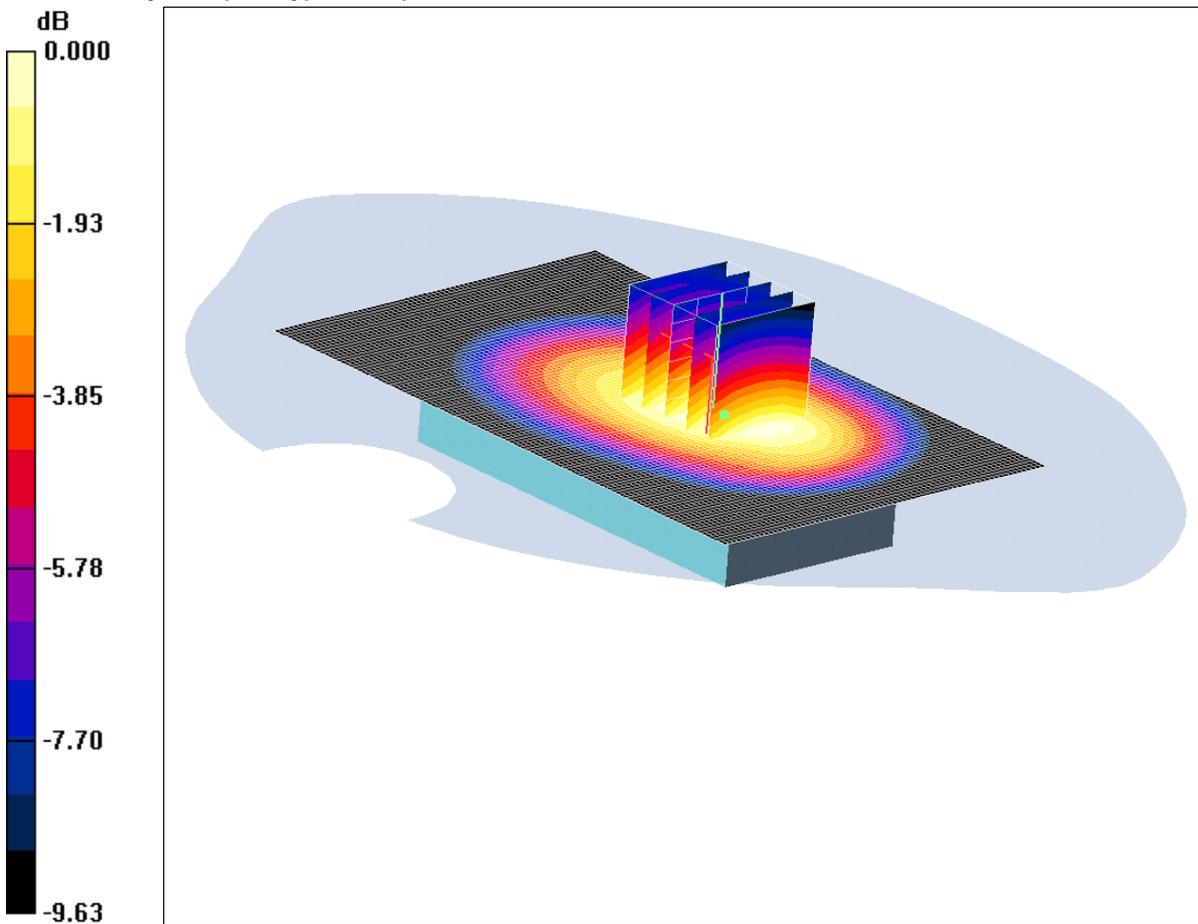Peak SAR (extrapolated) = 0.175 W/kg
SAR(1 g) = 0.090 mW/g; SAR(10 g) = 0.049 mW/g
Maximum value of SAR (measured) = 0.124 mW/g

SCN/87696/014: Rear of EUT Facing Phantom EDGE CH190
Date: 25/04/2012
DUT: Sony Kumquat; Type: Kumquat 125; Serial: BX902T0A3W
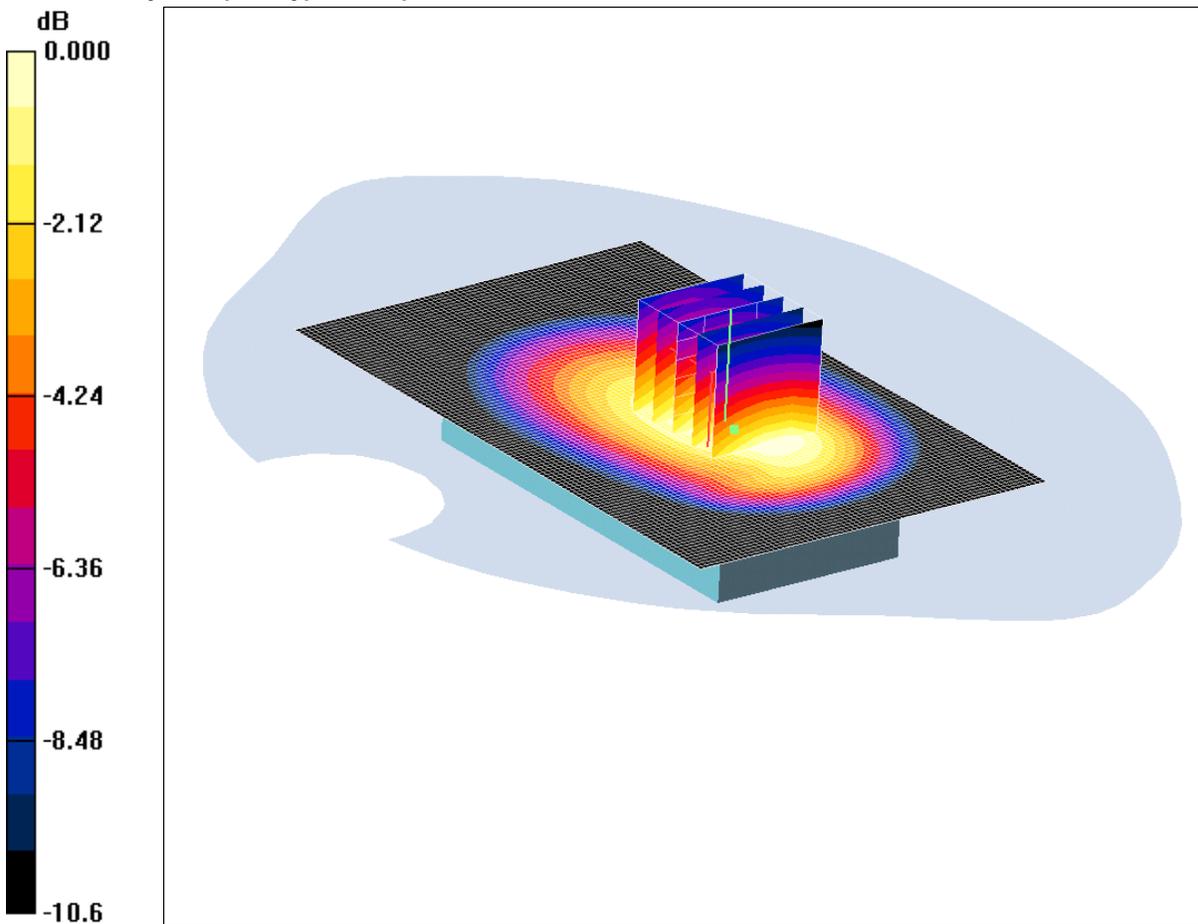
0 dB = 0.927mW/g

Communication System: EGPRS 850 MHz 3TX; Frequency: 836.6 MHz;Duty Cycle: 1:2.67
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.998 mho/m; ε_r = 53.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Rear of EUT Facing Phantom - Middle/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.939 mW/g
Rear of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.6 V/m; Power Drift = 0.010 dB
Peak SAR (extrapolated) = 1.14 W/kg
SAR(1 g) = 0.798 mW/g; SAR(10 g) = 0.565 mW/g
Maximum value of SAR (measured) = 0.927 mW/g

SCN/87696/015: Rear of EUT Facing Phantom GSM CH190
Date: 25/04/2012
DUT: Sony Kumquat; Type: Kumquat 125; Serial: BX902T0A3W

0 dB = 1.08mW/g

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; σ = 0.998 mho/m; ε_r = 53.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Rear of EUT Facing Phantom - Middle/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.09 mW/g
Rear of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 31.3 V/m; Power Drift = 0.048 dB
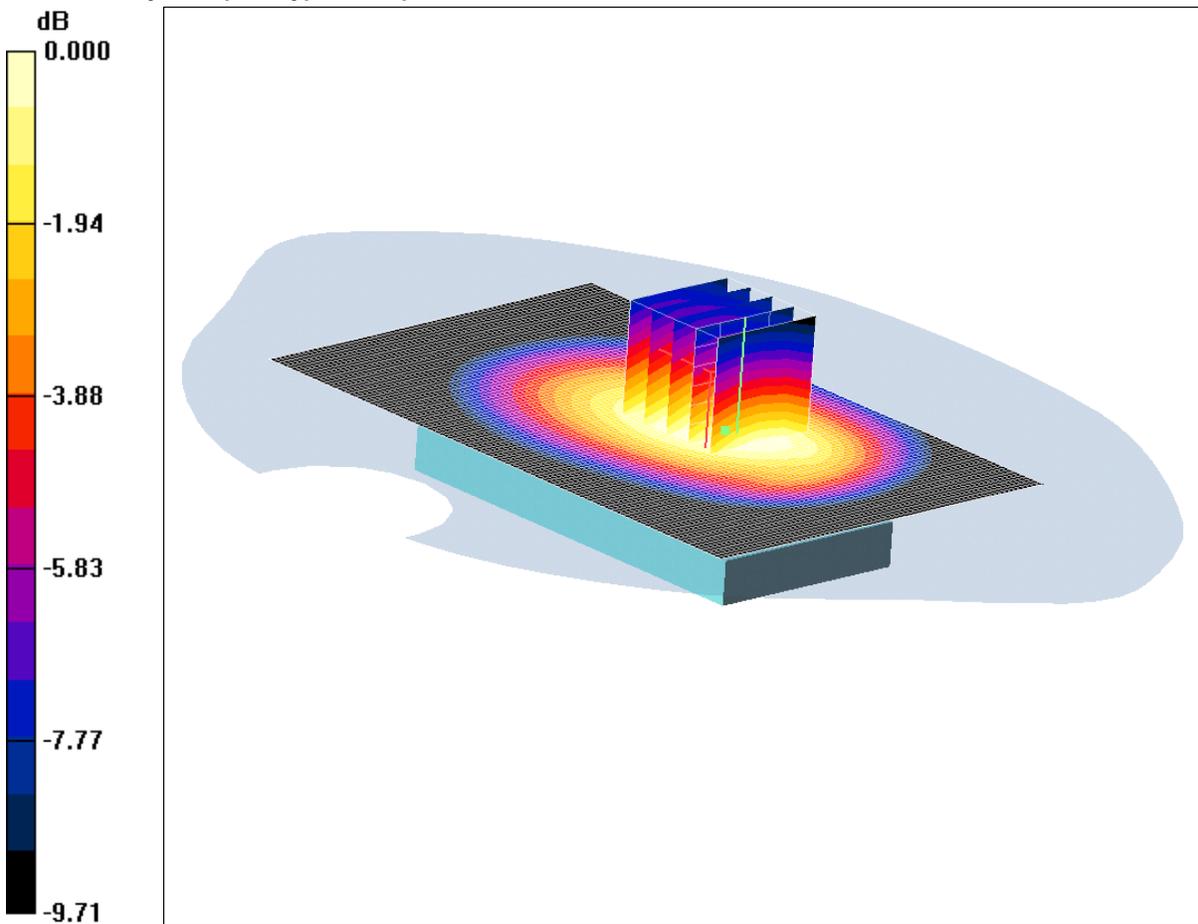Peak SAR (extrapolated) = 1.27 W/kg
SAR(1 g) = 0.934 mW/g; SAR(10 g) = 0.672 mW/g
Maximum value of SAR (measured) = 1.08 mW/g

SCN/87696/016: Rear of EUT Facing Phantom GSM CH128
Date: 25/04/2012
DUT: Sony Kumquat; Type: Kumquat 125; Serial: BX902T0A3W
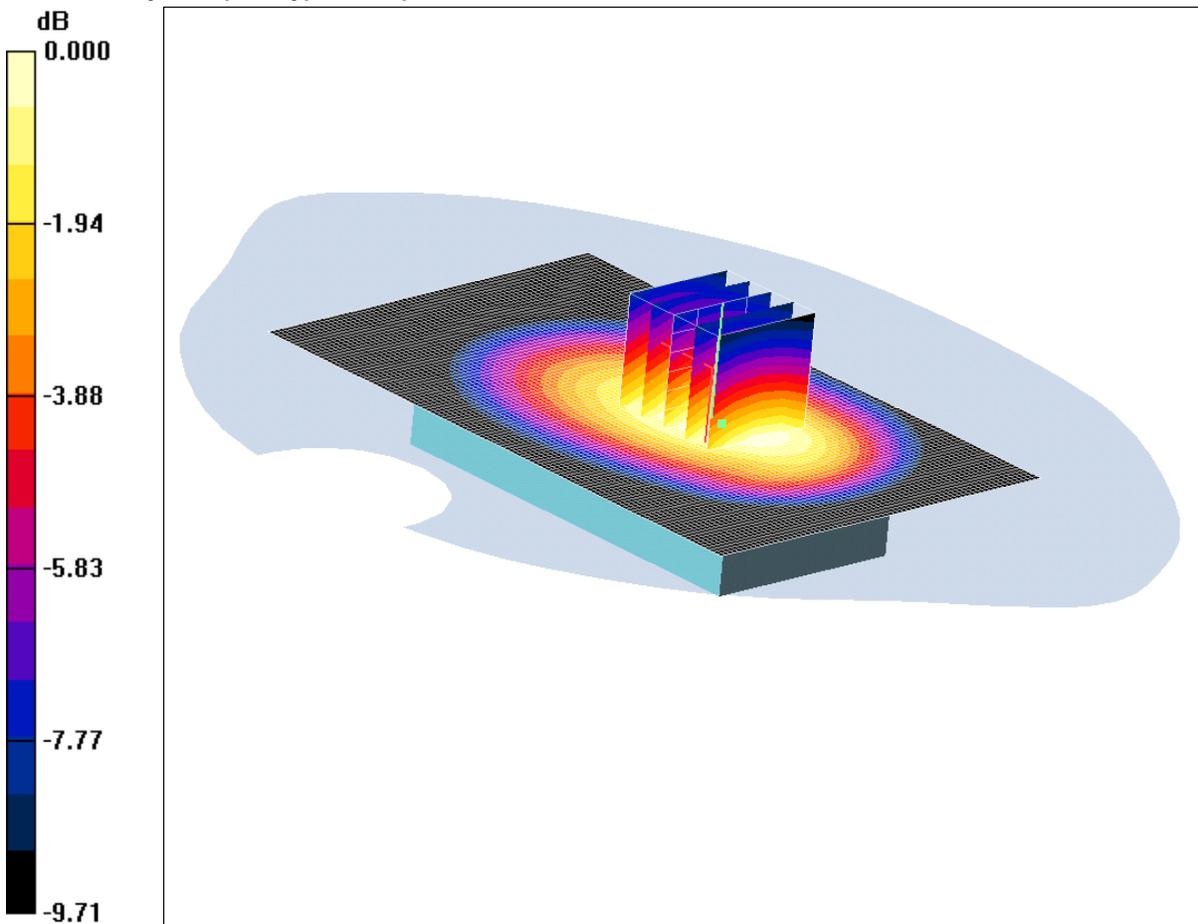
0 dB = 0.925mW/g

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; σ = 0.991 mho/m; $ε_r$ = 53.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Rear of EUT Facing Phantom - Low/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.929 mW/g
Rear of EUT Facing Phantom - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 28.6 V/m; Power Drift = 0.035 dB
Peak SAR (extrapolated) = 1.10 W/kg
SAR(1 g) = 0.798 mW/g; SAR(10 g) = 0.571 mW/g
Maximum value of SAR (measured) = 0.925 mW/g

SCN/87696/017: Rear of EUT Facing Phantom GSM CH251
Date: 25/04/2012
DUT: Sony Kumquat; Type: Kumquat 125; Serial: BX902T0A3W

0 dB = 1.18mW/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; σ = 1.01 mho/m; $ε_r$ = 53.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Rear of EUT Facing Phantom - High/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.20 mW/g
Rear of EUT Facing Phantom - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 32.9 V/m; Power Drift = 0.012 dB
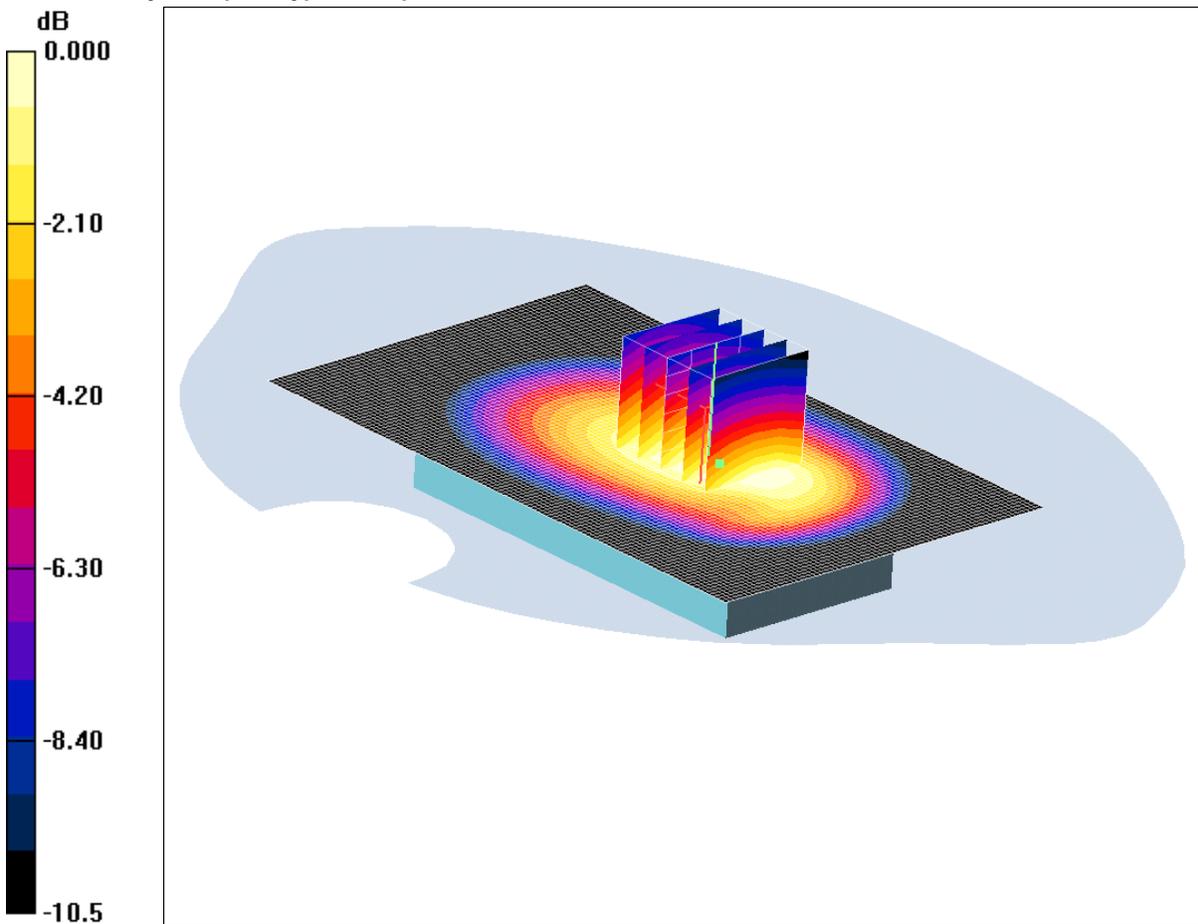Peak SAR (extrapolated) = 1.39 W/kg
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.741 mW/g
Maximum value of SAR (measured) = 1.18 mW/g

SCN/87696/018: Rear of EUT Facing Phantom EDGE CH128
Date: 25/04/2012
DUT: Sony Kumquat; Type: Kumquat 125; Serial: BX902T0A3W
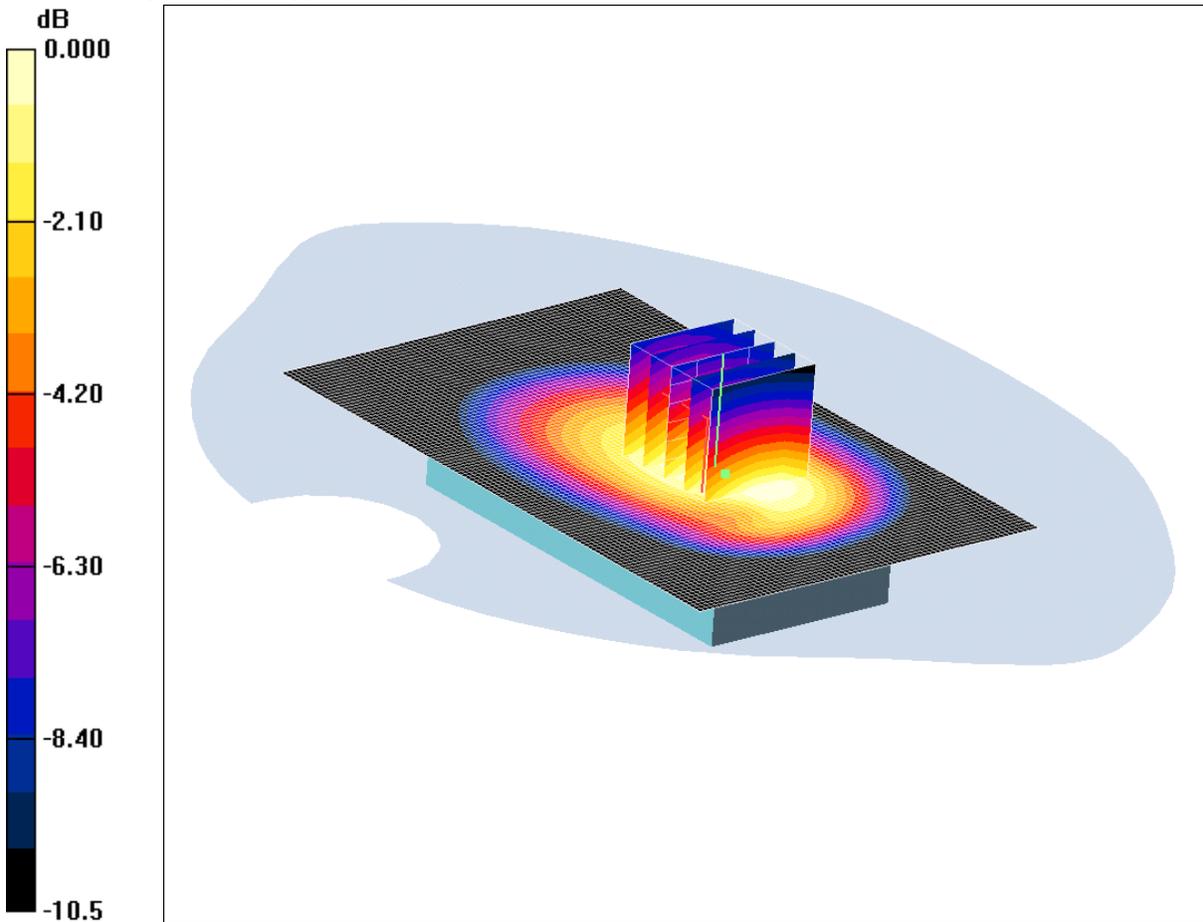
0 dB = 0.807mW/g

Communication System: EGPRS 850 MHz 3TX; Frequency: 824.2 MHz;Duty Cycle: 1:2.67
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.991 mho/m; ε_r = 53.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Rear of EUT Facing Phantom - Low/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.826 mW/g
Rear of EUT Facing Phantom - Low/Zoom Scan (5x5x7) 2 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 26.5 V/m; Power Drift = 0.011 dB
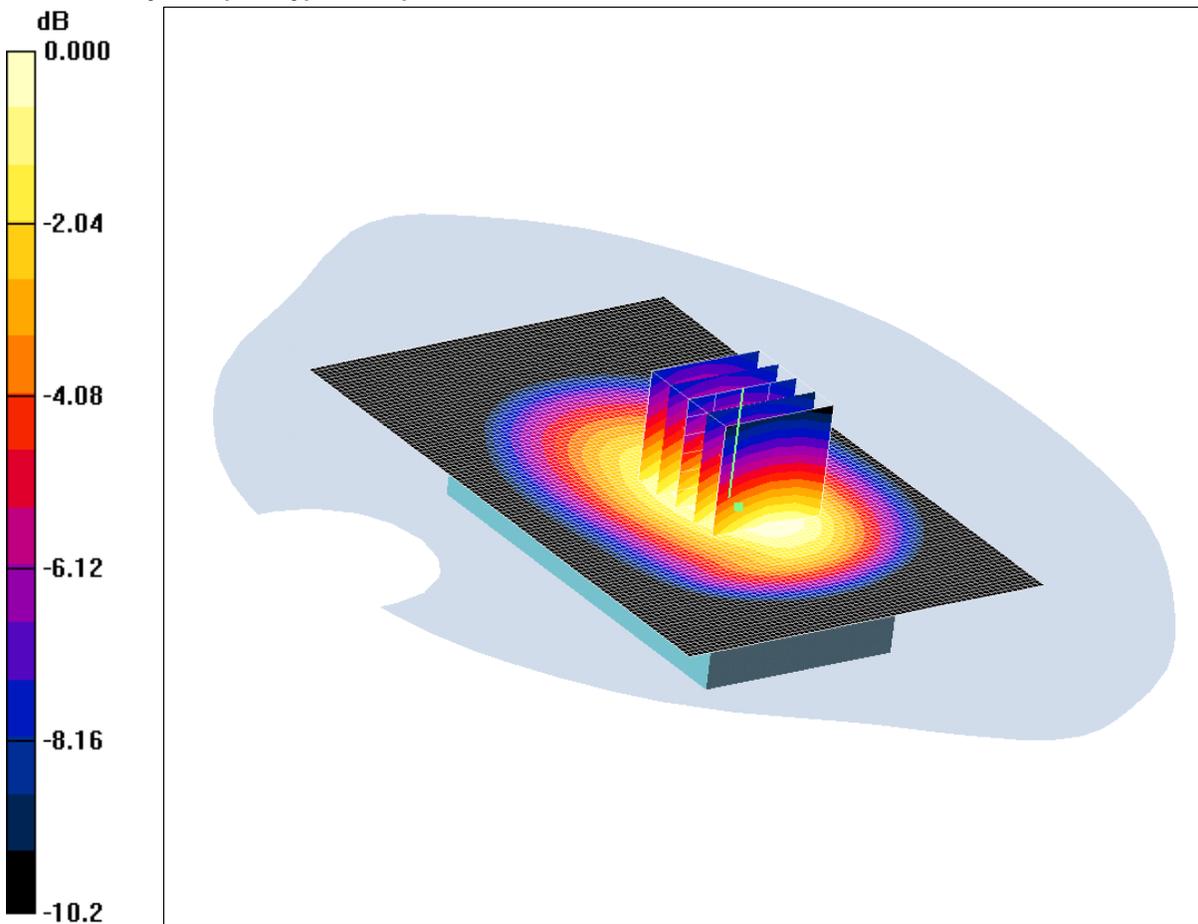Peak SAR (extrapolated) = 0.986 W/kg
SAR(1 g) = 0.693 mW/g; SAR(10 g) = 0.488 mW/g
Maximum value of SAR (measured) = 0.807 mW/g

SCN/87696/019: Rear of EUT Facing Phantom EDGE CH251
Date: 25/04/2012
DUT: Sony Kumquat; Type: Kumquat 125; Serial: BX902T0A3W

0 dB = 1.02mW/g

Communication System: EGPRS 850 MHz 3TX; Frequency: 848.8 MHz;Duty Cycle: 1:2.67
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 848.8 MHz; σ = 1.01 mho/m; ε$_r$ = 53.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Rear of EUT Facing Phantom - High/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.03 mW/g
Rear of EUT Facing Phantom - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.9 V/m; Power Drift = 0.011 dB
Peak SAR (extrapolated) = 1.22 W/kg
SAR(1 g) = 0.874 mW/g; SAR(10 g) = 0.622 mW/g
Maximum value of SAR (measured) = 1.02 mW/g

SCN/87696/020: Rear of EUT Facing Phantom EDGE at 15mm CH190
Date 25/04/2012
DUT: Sony Kumquat; Type: Kumquat 125; Serial: BX902T0A3W

0 dB = 0.926mW/g

Communication System: EGPRS 850 MHz 3TX; Frequency: 836.6 MHz;Duty Cycle: 1:2.67
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.998 mho/m; ε_r = 53.5; ρ = 1000 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 12b; Type: SAM 4.0; Serial: TP:1207
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Rear of EUT Facing Phantom at 15mm- Middle/Area Scan 2 (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.944 mW/g
Rear of EUT Facing Phantom at 15mm- Middle/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.5 V/m; Power Drift = 0.071 dB
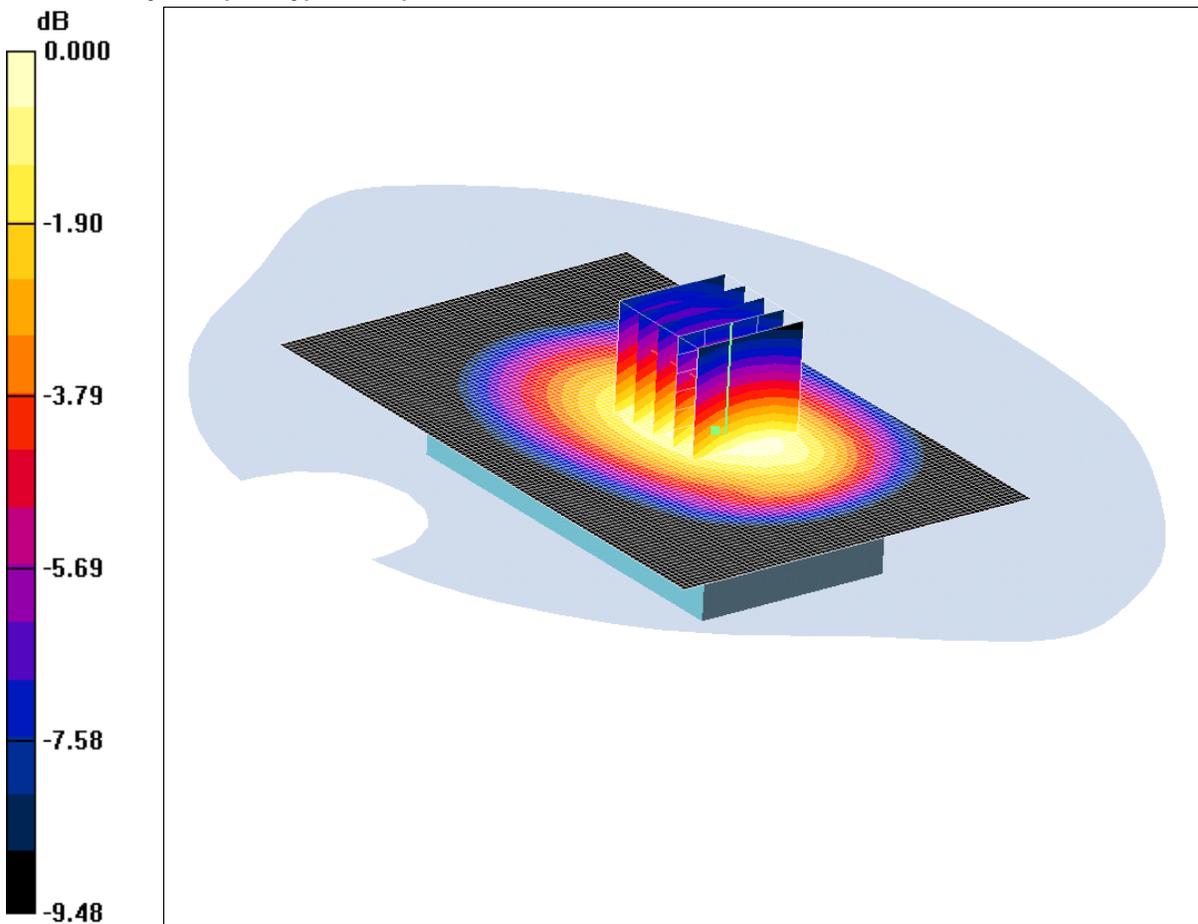Peak SAR (extrapolated) = 1.15 W/kg
SAR(1 g) = 0.872 mW/g; SAR(10 g) = 0.622 mW/g
Maximum value of SAR (measured) = 0.926 mW/g

SCN/87696/021: Rear of EUT Facing Phantom EDGE at 15mm CH128
Date 25/04/2012
DUT: Sony Kumquat; Type: Kumquat 125; Serial: BX902T0A3W
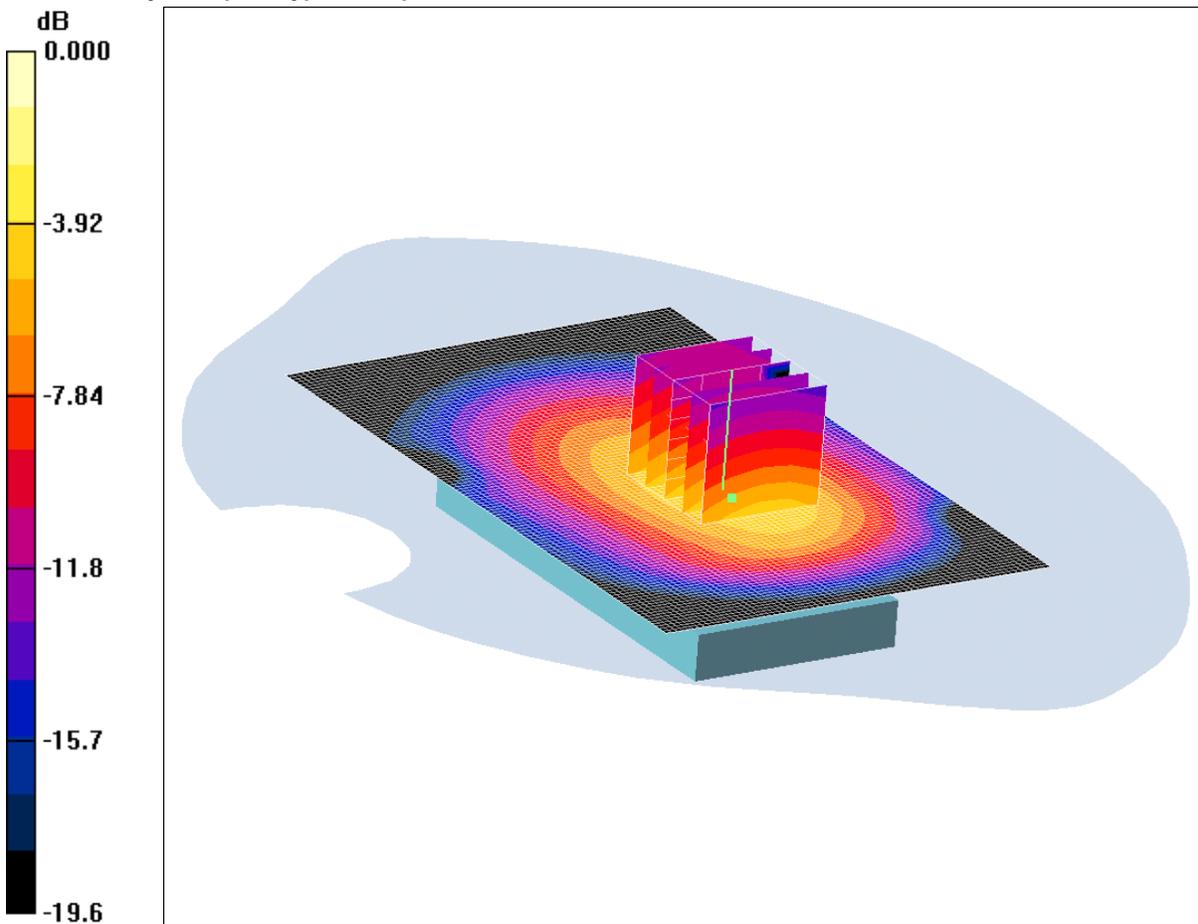
0 dB = 2.00mW/g

Communication System: EGPRS 850 MHz 3TX; Frequency: 824.2 MHz;Duty Cycle: 1:2.67
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 824.2 MHz; σ = 0.991 mho/m; ε_r = 53.5; ρ = 1000 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 12b; Type: SAM 4.0; Serial: TP:1207
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Rear of EUT Facing Phantom at 15mm- Low/Area Scan 2 (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.832 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 = 27.8 V/m; Power Drift = -0.008 dB
Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.773 mW/g; SAR(10 g) = 0.555 mW/g
Maximum value of SAR (measured) = 0.814 mW/g

SCN/87696/022: Rear of EUT Facing Phantom EDGE at 15mm CH251
Date: 25/04/2012
DUT: Sony Kumquat; Type: Kumquat 125; Serial: BX902T0A3W

0 dB = 1.42mW/g

Communication System: EGPRS 850 MHz 3TX; Frequency: 848.8 MHz;Duty Cycle: 1:2.67
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 848.8 MHz; σ = 1.01 mho/m; ε$_r$ = 53.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(8.92, 8.92, 8.92); Calibrated: 22/09/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Rear of EUT Facing Phantom at 15mm- High/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.41 mW/g
Rear of EUT Facing Phantom at 15mm- High/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid:
dx=8mm, dy=8mm, dz=5mm
Reference Value = 35.8 V/m; Power Drift = 0.034 dB
Peak SAR (extrapolated) = 1.65 W/kg
SAR(1 g) = 1.23 mW/g; SAR(10 g) = 0.887 mW/g
Maximum value of SAR (measured) = 1.42 mW/g

SCN/87696/023: Rear of EUT Facing Phantom at 15mm with PHF EDGE CH251
Date 25/04/2012
DUT: Sony Kumquat; Type: Kumquat 125; Serial: BX902T0A3W
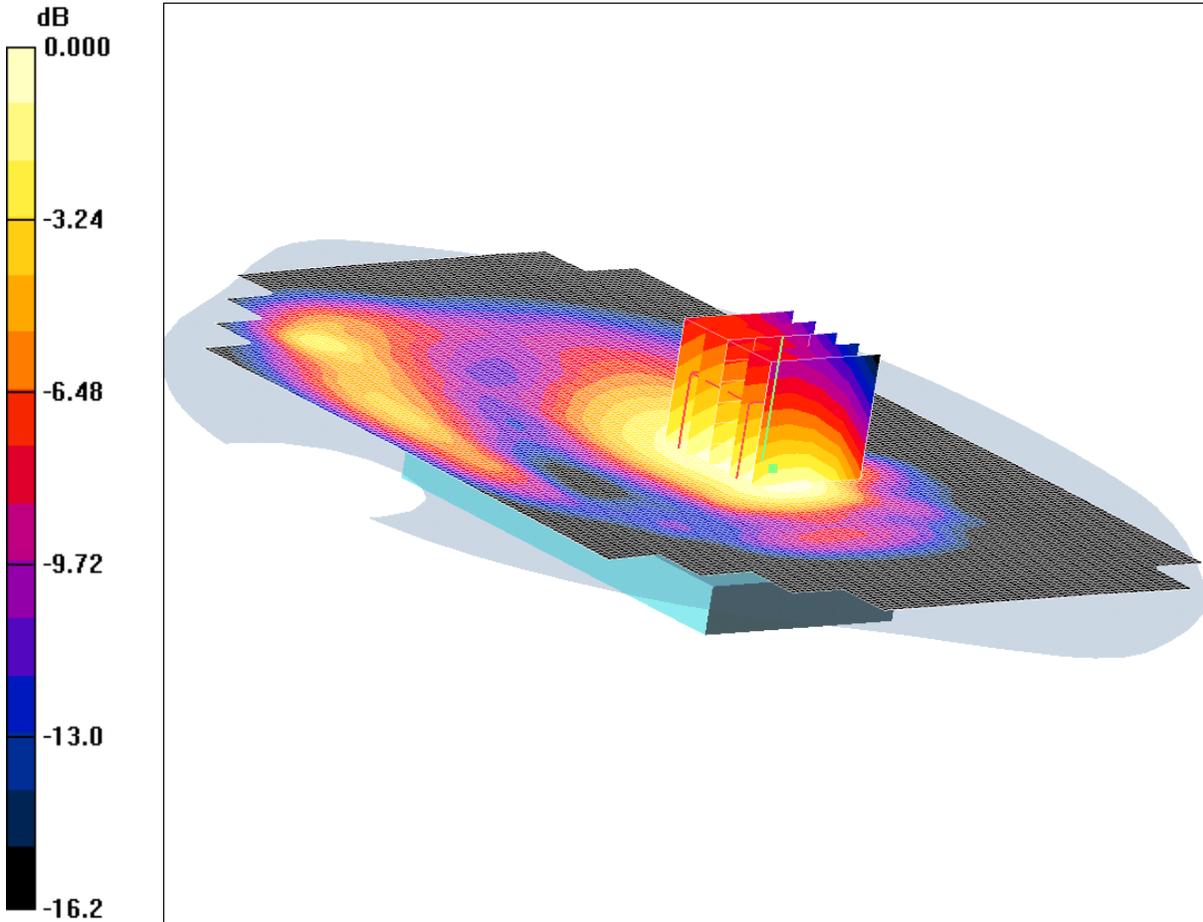
0 dB = 1.21mW/g

Communication System: EGPRS 850 MHz 3TX; Frequency: 848.8 MHz;Duty Cycle: 1:2.67
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 848.8 MHz; σ = 1.01 mho/m; ε_r = 53.4; ρ = 1000 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 12b; Type: SAM 4.0; Serial: TP:1207
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Rear of EUT Facing Phantom at 15mm with PHF - High/Area Scan (101x161x1): Measurement grid:
dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.31 mW/g
Rear of EUT Facing Phantom at 15mm with PHF - High/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement
grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 29.5 V/m; Power Drift = 0.007 dB
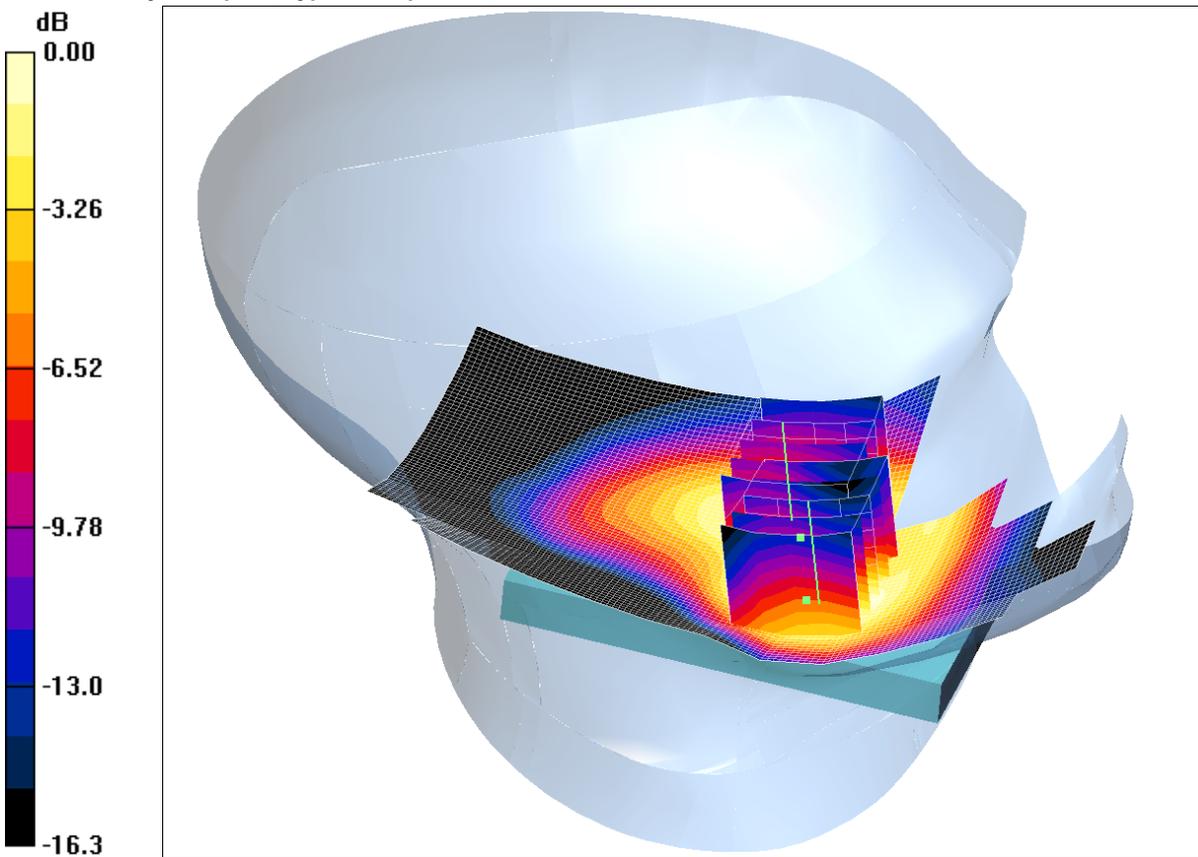Peak SAR (extrapolated) = 1.54 W/kg
SAR(1 g) = 1.13 mW/g; SAR(10 g) = 0.782 mW/g
Maximum value of SAR (measured) = 1.21 mW/g

SCN/87696/024: Touch Left PCS CH661
Date: 26/04/2012
DUT: Sony Kumquat ; Type: Kumquat 125; Serial: BX902T0A3W

0 dB = 0.556mW/g

Communication System: PCS 1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: 1900 MHz HSL Medium parameters used (interpolated): f = 1880 MHz; σ = 1.42 mho/m; $ε_r$ = 38.9; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(7.78, 7.78, 7.78); Calibrated: 22/09/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 05/05/2011
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207
- 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) = 0.716 mW/g
Touch Left - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.22 V/m; Power Drift = 0.133 dB
Peak SAR (extrapolated) = 0.928 W/kg
SAR(1 g) = 0.569 mW/g; SAR(10 g) = 0.322 mW/g
Maximum value of SAR (measured) = 0.702 mW/g
Touch Left - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.22 V/m; Power Drift = 0.133 dB
Peak SAR (extrapolated) = 0.723 W/kg
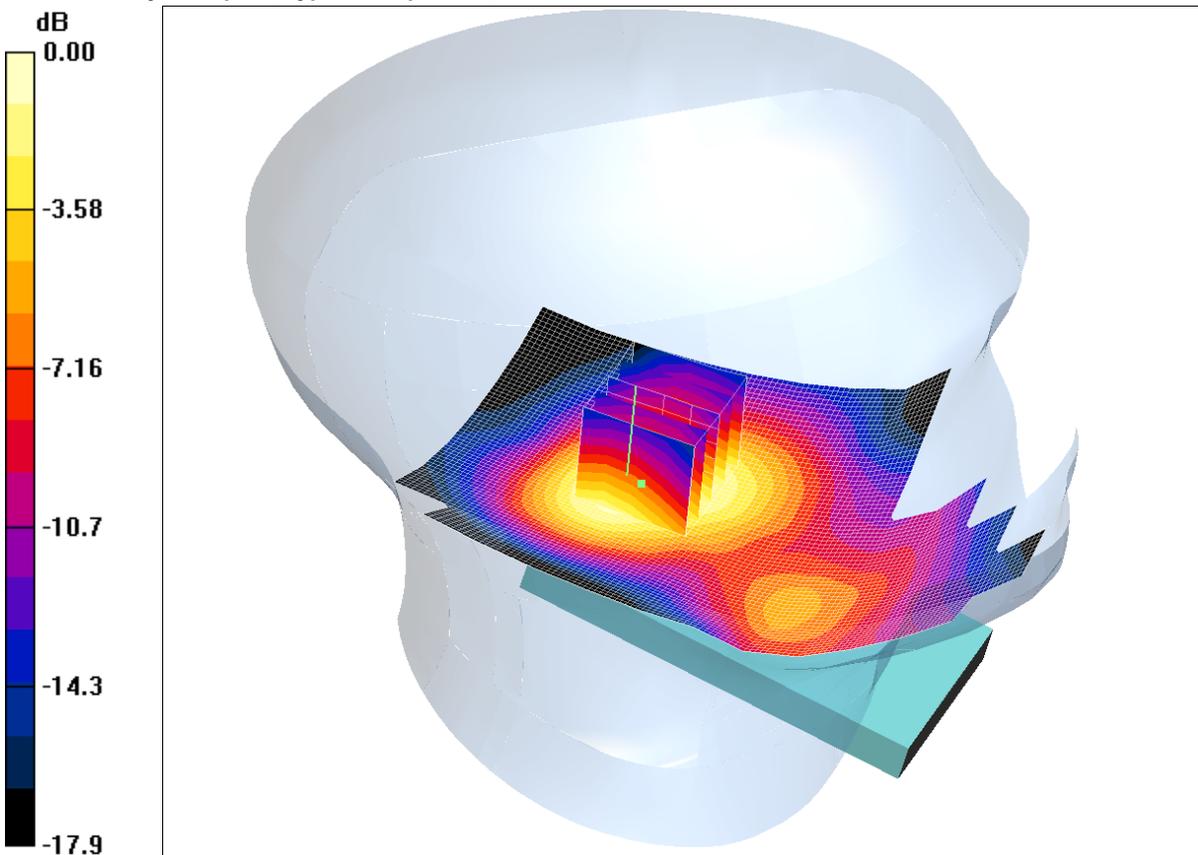**SAR(1 g) = 0.466 mW/g; SAR(10 g) = 0.304 mW/g**
Maximum value of SAR (measured) = 0.556 mW/g

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

SCN/87696/025: Tilt Left PCS CH661
Date: 26/04/2012
DUT: Sony Kumquat ; Type: Kumquat 125; Serial: BX902T0A3W

0 dB = 0.358mW/g

Communication System: PCS 1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: 1900 MHz HSL Medium parameters used (interpolated): f = 1880 MHz; σ = 1.42 mho/m; ε_r = 38.9; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(7.78, 7.78, 7.78); Calibrated: 22/09/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 05/05/2011
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207
- 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) = 0.419 mW/g
Tilt Left - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 14.5 V/m; Power Drift = 0.031 dB
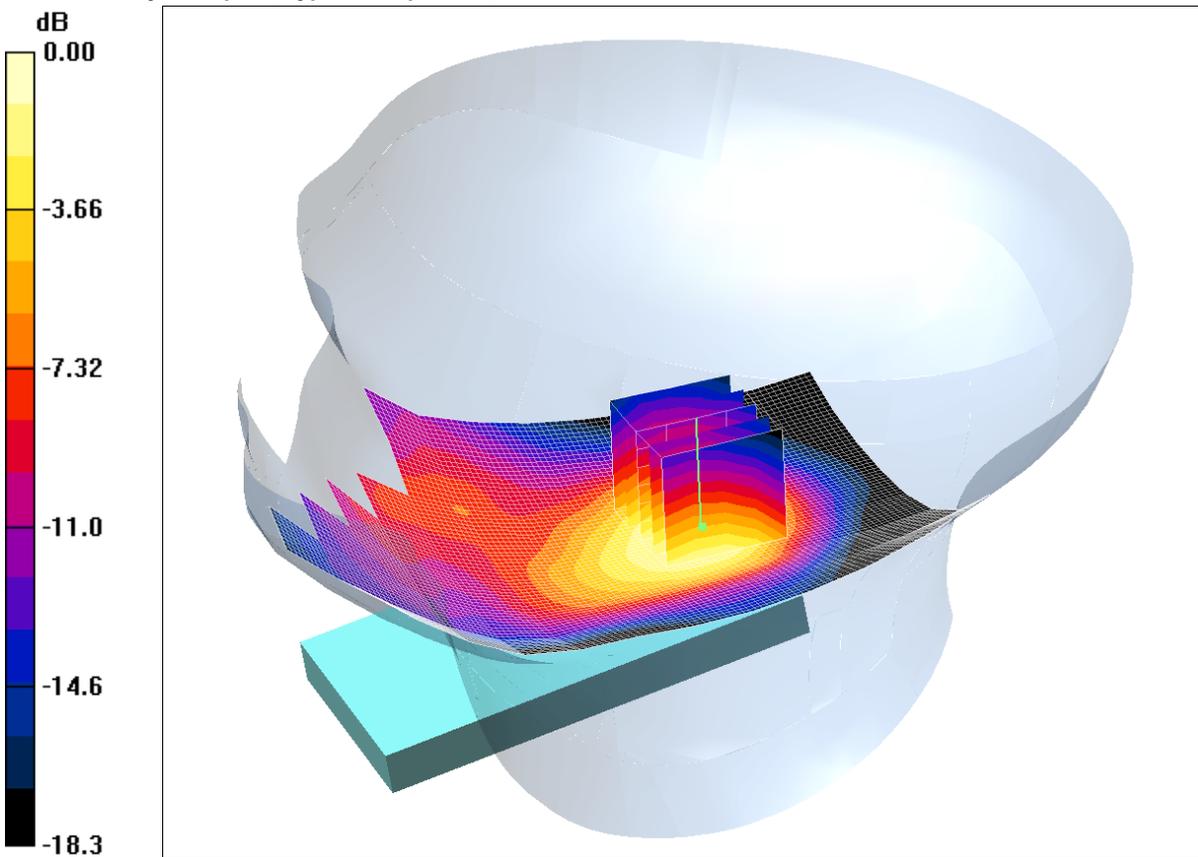Peak SAR (extrapolated) = 0.458 W/kg
SAR(1 g) = 0.304 mW/g; SAR(10 g) = 0.185 mW/g
Maximum value of SAR (measured) = 0.358 mW/g

SCN/87696/026: Touch Right PCS CH661
Date: 26/04/2012
DUT: Sony Kumquat ; Type: Kumquat 125; Serial: BX902T0A3W
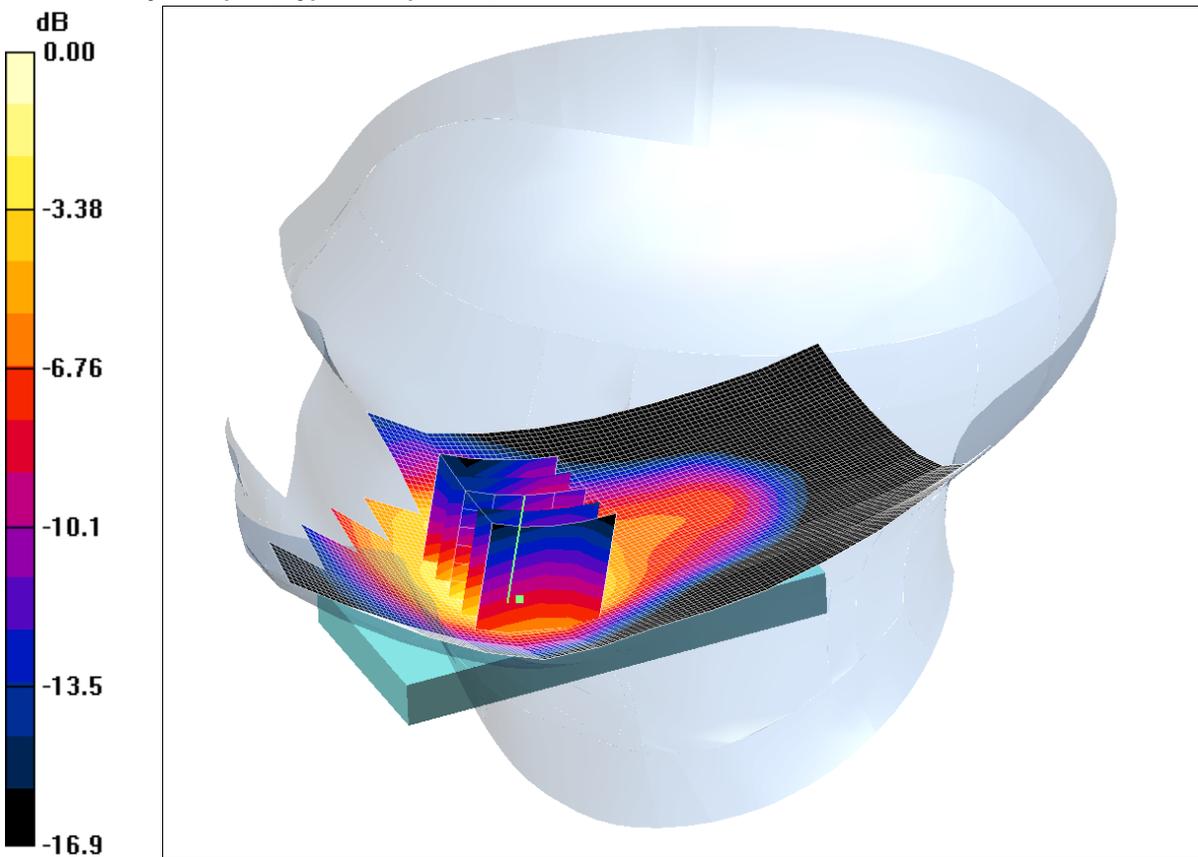
0 dB = 0.894mW/g

Communication System: PCS 1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: 1900 MHz HSL Medium parameters used (interpolated): f = 1880 MHz; σ = 1.42 mho/m; $ε_r$ = 38.9; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(7.78, 7.78, 7.78); Calibrated: 22/09/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 05/05/2011
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207
- 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) = 0.883 mW/g
Touch Right - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.75 V/m; Power Drift = 0.129 dB
Peak SAR (extrapolated) = 1.16 W/kg
SAR(1 g) = 0.744 mW/g; SAR(10 g) = 0.438 mW/g
Maximum value of SAR (measured) = 0.894 mW/g

SCN/87696/027: Tilt Right PCS CH661
Date: 26/04/2012
DUT: Sony Kumquat ; Type: Kumquat 125; Serial: BX902T0A3W

0 dB = 0.399mW/g

Communication System: PCS 1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: 1900 MHz HSL Medium parameters used (interpolated): f = 1880 MHz; σ = 1.42 mho/m; ε_r = 38.9; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(7.78, 7.78, 7.78); Calibrated: 22/09/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 05/05/2011
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207
- 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) = 0.443 mW/g
Tilt Right - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.5 V/m; Power Drift = 0.028 dB
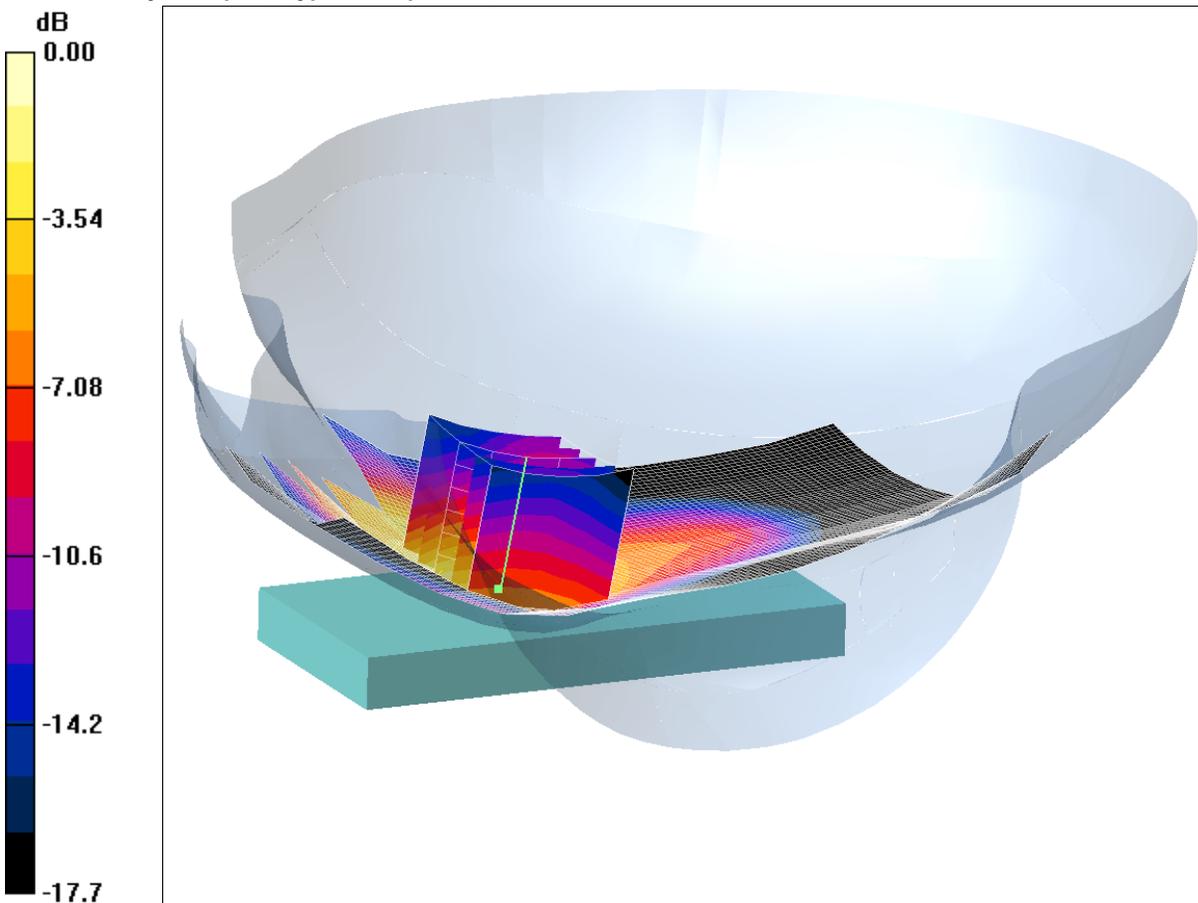Peak SAR (extrapolated) = 0.509 W/kg
SAR(1 g) = 0.324 mW/g; SAR(10 g) = 0.195 mW/g
Maximum value of SAR (measured) = 0.399 mW/g

SCN/87696/028: Touch Right PCS CH512
Date: 26/04/2012
DUT: Sony Kumquat ; Type: Kumquat 125; Serial: BX902T0A3W

0 dB = 0.864mW/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; σ = 1.4 mho/m; $ε_r$ = 39; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(7.78, 7.78, 7.78); Calibrated: 22/09/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 05/05/2011
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207
- 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) = 0.823 mW/g
Touch Right - Low/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.25 V/m; Power Drift = 0.067 dB
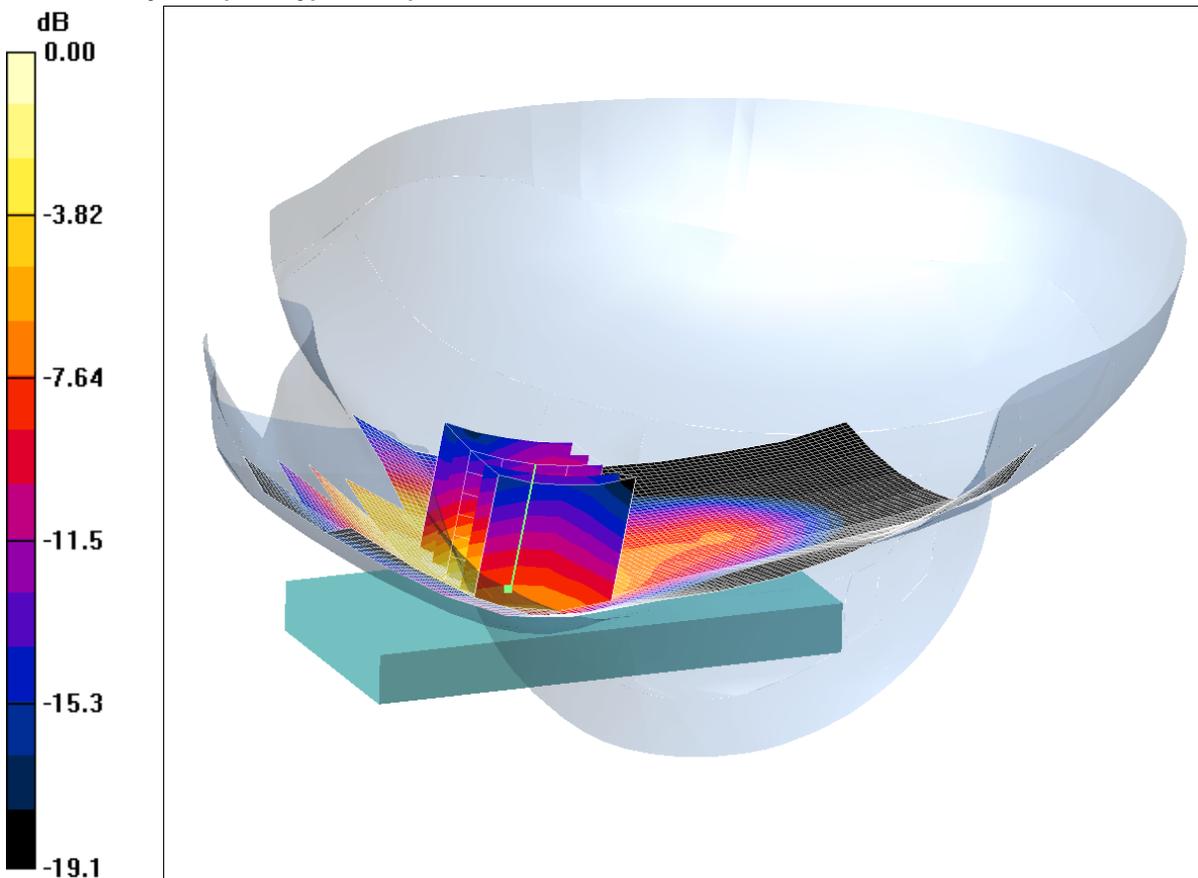Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.707 mW/g; SAR(10 g) = 0.424 mW/g
Maximum value of SAR (measured) = 0.864 mW/g

SCN/87696/029: Touch Right PCS CH810
Date: 26/04/2012
DUT: Sony Kumquat ; Type: Kumquat 125; Serial: BX902T0A3W

0 dB = 0.975mW/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; σ = 1.44 mho/m; $ε_r$ = 38.8; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(7.78, 7.78, 7.78); Calibrated: 22/09/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 05/05/2011
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207
- 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) = 0.932 mW/g
Touch Right - High/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.94 V/m; Power Drift = 0.080 dB
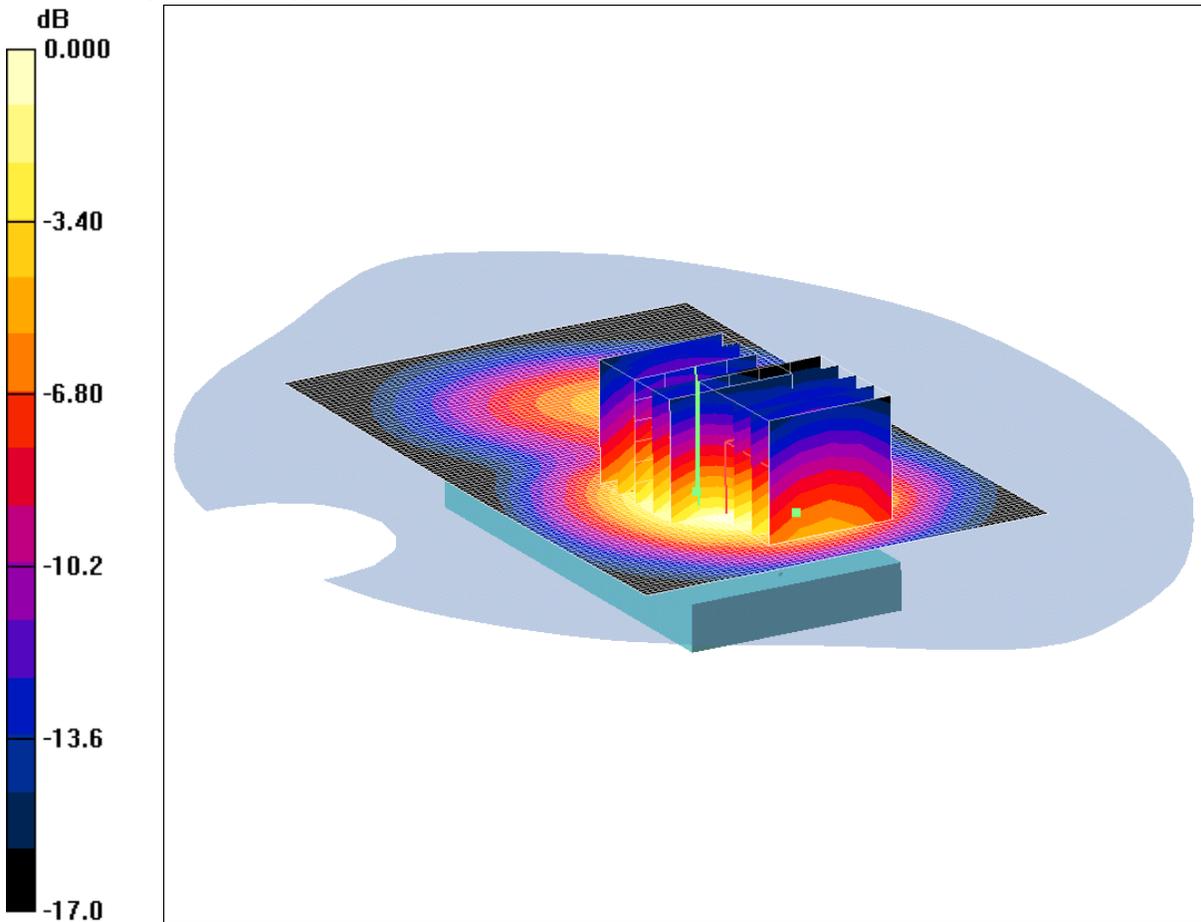Peak SAR (extrapolated) = 1.23 W/kg
SAR(1 g) = 0.785 mW/g; SAR(10 g) = 0.456 mW/g
Maximum value of SAR (measured) = 0.975 mW/g

SCN/87696/030: Front of EUT Facing Phantom GPRS CH661
Date: 26/04/2012
DUT: Sony Kumquat; Type: Kumquat 125; Serial: BX902T0A3W

0 dB = 0.828mW/g

Communication System: GPRS 1900 3Tx; Frequency: 1880 MHz;Duty Cycle: 1:2.67
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1880 MHz; σ = 1.57 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(4.37, 4.37, 4.37); Calibrated: 18/07/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Front of EUT Facing Phantom - Middle/Area Scan 2 (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.834 mW/g
Front of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.0 V/m; Power Drift = -0.019 dB
Peak SAR (extrapolated) = 1.28 W/kg
SAR(1 g) = 0.708 mW/g; SAR(10 g) = 0.365 mW/g
Maximum value of SAR (measured) = 0.788 mW/g
Front of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.0 V/m; Power Drift = -0.019 dB
Peak SAR (extrapolated) = 1.28 W/kg
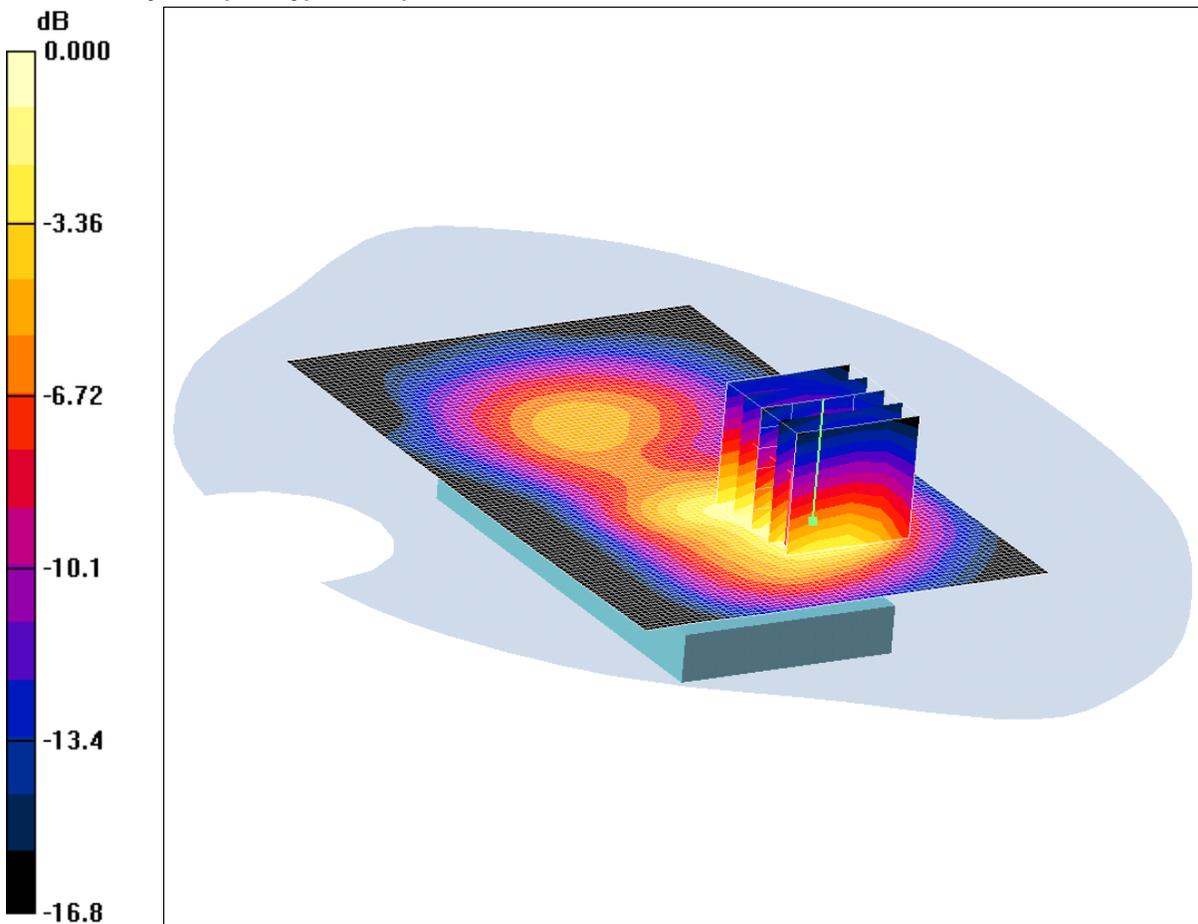**SAR(1 g) = 0.764 mW/g; SAR(10 g) = 0.435 mW/g**
Maximum value of SAR (measured) = 0.828 mW/g

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

SCN/87696/031: Rear of EUT Facing Phantom GPRS CH661
Date 26/04/2012
DUT: Sony Kumquat; Type: Kumquat 125; Serial: BX902T0A3W

0 dB = 0.979mW/g

Communication System: GPRS 1900 3Tx; Frequency: 1880 MHz;Duty Cycle: 1:2.67
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1880 MHz; σ = 1.57 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(4.37, 4.37, 4.37); Calibrated: 18/07/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Rear of EUT Facing Phantom - Middle/Area Scan 2 (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.01 mW/g
Rear of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 2 2 (5x5x7)/Cube 0: Measurement grid:
dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.2 V/m; Power Drift = -0.022 dB
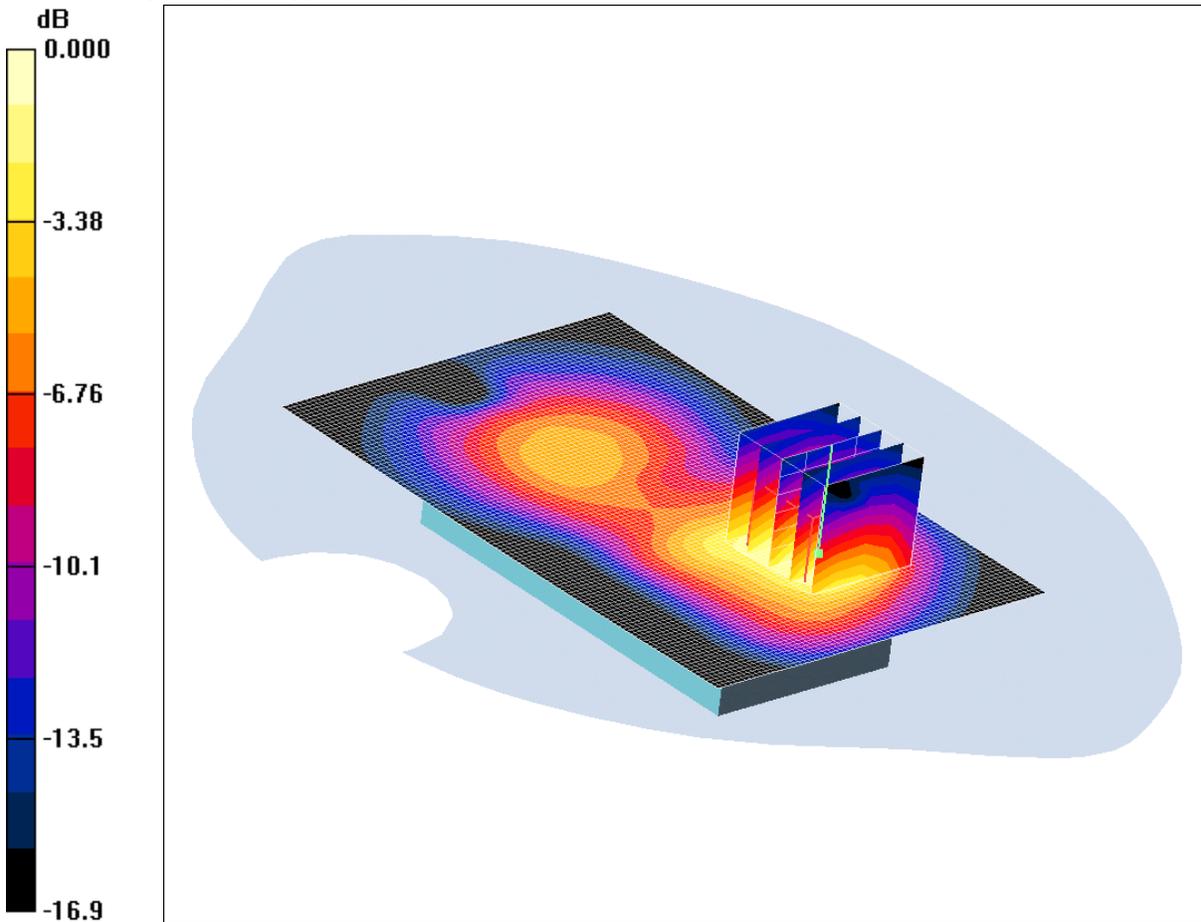Peak SAR (extrapolated) = 1.46 W/kg
SAR(1 g) = 0.887 mW/g; SAR(10 g) = 0.505 mW/g
Maximum value of SAR (measured) = 0.979 mW/g

SCN/87696/032: Rear of EUT Facing Phantom GPRS CH512
Date 26/04/2012
DUT: Sony Kumquat; Type: Kumquat 125; Serial: BX902T0A3W

0 dB = 0.951mW/g

Communication System: GPRS 1900 3Tx; Frequency: 1850.2 MHz;Duty Cycle: 1:2.67
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.55 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(4.37, 4.37, 4.37); Calibrated: 18/07/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Rear of EUT Facing Phantom - Low/Area Scan 2 (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.964 mW/g
Rear of EUT Facing Phantom - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.9 V/m; Power Drift = 0.060 dB
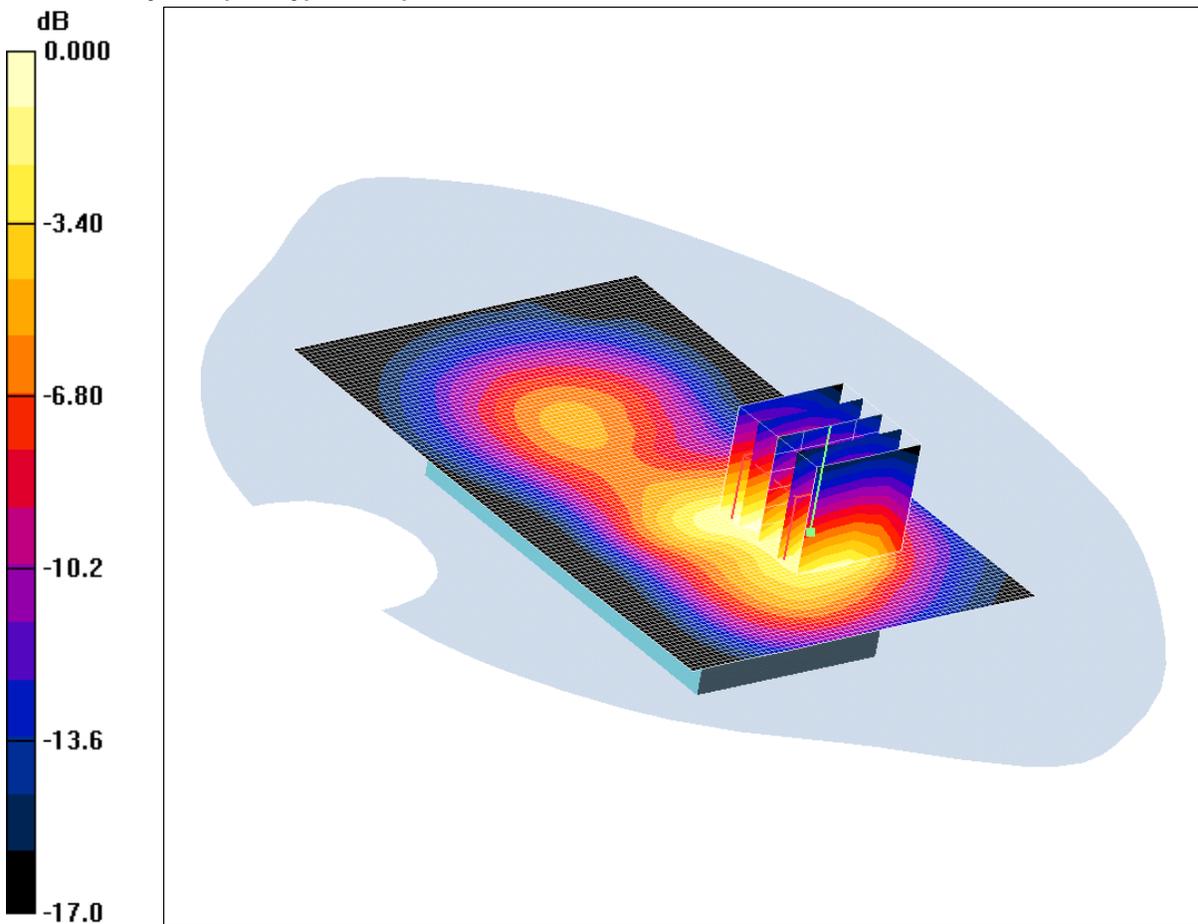Peak SAR (extrapolated) = 1.39 W/kg
SAR(1 g) = 0.853 mW/g; SAR(10 g) = 0.482 mW/g
Maximum value of SAR (measured) = 0.951 mW/g

SCN/87696/033: Rear of EUT Facing Phantom GPRS CH810
Date 26/04/2012
DUT: Sony Kumquat; Type: Kumquat 125; Serial: BX902T0A3W

0 dB = 0.999mW/g

Communication System: GPRS 1900 3Tx; Frequency: 1909.8 MHz;Duty Cycle: 1:2.67
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1909.8 MHz; σ = 1.6 mho/m; ε_r = 51.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(4.37, 4.37, 4.37); Calibrated: 18/07/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Rear of EUT Facing Phantom - High/Area Scan 2 (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.03 mW/g
Rear of EUT Facing Phantom - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.9 V/m; Power Drift = -0.005 dB
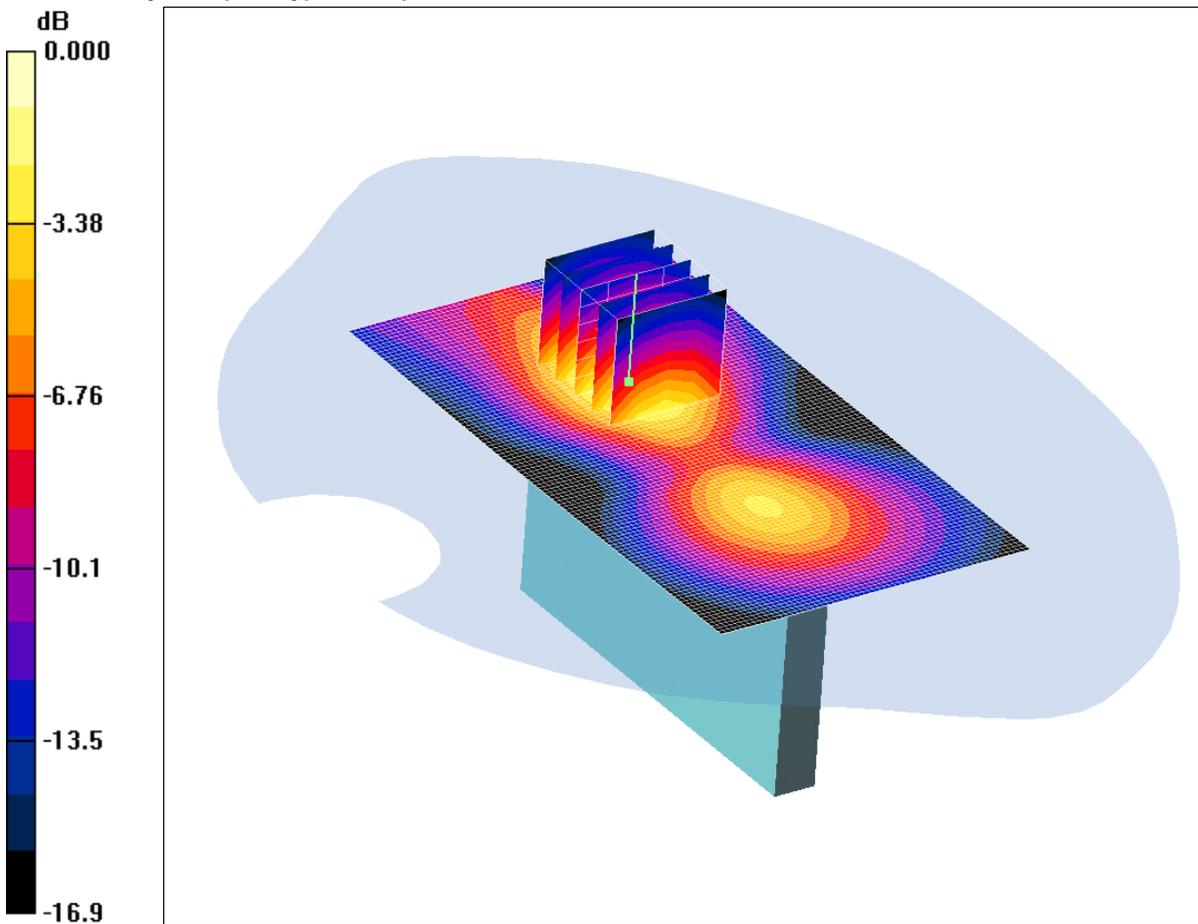Peak SAR (extrapolated) = 1.68 W/kg
SAR(1 g) = 0.922 mW/g; SAR(10 g) = 0.522 mW/g
Maximum value of SAR (measured) = 0.999 mW/g

SCN/87696/034: Left Hand Side of EUT Facing Phantom GPRS CH661
Date 26/04/2012
DUT: Sony Kumquat; Type: Kumquat 125; Serial: BX902T0A3W

0 dB = 0.448mW/g

Communication System: GPRS 1900 3Tx; Frequency: 1880 MHz;Duty Cycle: 1:2.67
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1880 MHz; σ = 1.57 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(4.37, 4.37, 4.37); Calibrated: 18/07/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Left Hand Side of EUT Facing Phantom - Middle/Area Scan 2 (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.461 mW/g
Left Hand Side of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.00 V/m; Power Drift = 0.051 dB
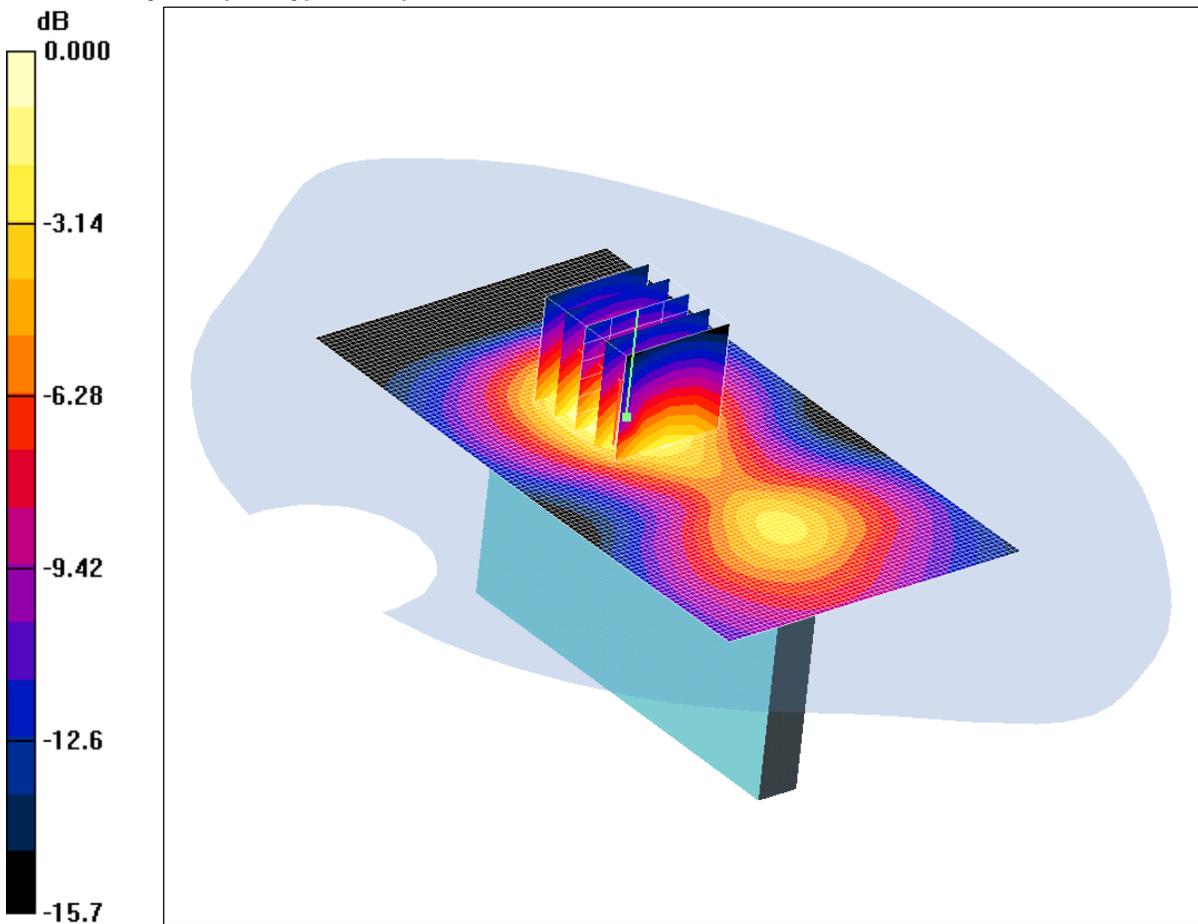Peak SAR (extrapolated) = 0.668 W/kg
SAR(1 g) = 0.407 mW/g; SAR(10 g) = 0.231 mW/g
Maximum value of SAR (measured) = 0.448 mW/g

SCN/87696/035: Right Hand Side of EUT Facing Phantom GPRS CH661
Date 26/04/2012
DUT: Sony Kumquat; Type: Kumquat 125; Serial: BX902T0A3W

0 dB = 0.365mW/g

Communication System: GPRS 1900 3Tx; Frequency: 1880 MHz;Duty Cycle: 1:2.67
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1880 MHz; σ = 1.57 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(4.37, 4.37, 4.37); Calibrated: 18/07/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Right Hand Side of EUT Facing Phantom - Middle/Area Scan (61x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.375 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 = 13.7 V/m; Power Drift = -0.043 dB
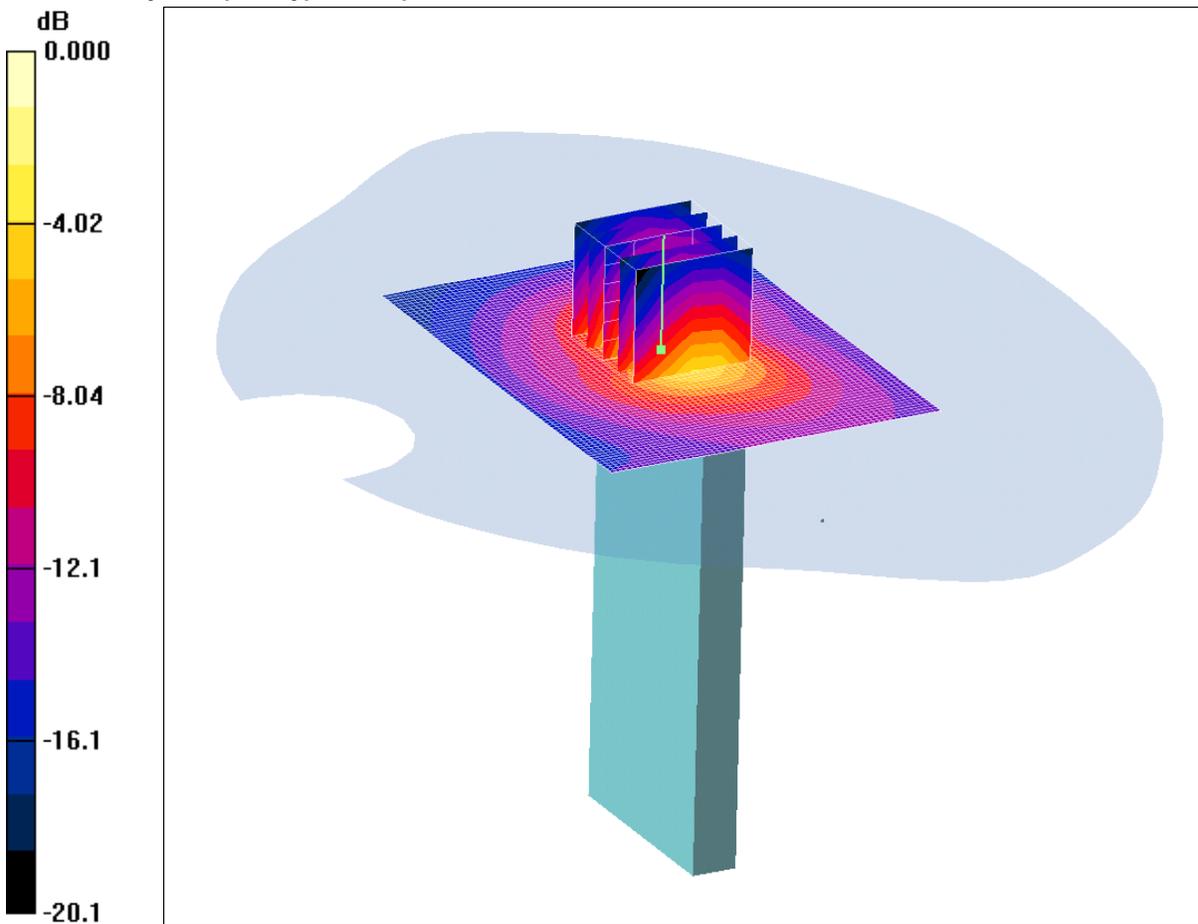Peak SAR (extrapolated) = 0.530 W/kg
SAR(1 g) = 0.333 mW/g; SAR(10 g) = 0.197 mW/g
Maximum value of SAR (measured) = 0.365 mW/g

SCN/87696/036: Bottom of EUT Facing Phantom GPRS CH661
Date 26/04/2012
DUT: Sony Kumquat; Type: Kumquat 125; Serial: BX902T0A03

0 dB = 0.778mW/g

Communication System: GPRS 1900 3Tx; Frequency: 1880 MHz;Duty Cycle: 1:2.67
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1880 MHz; σ = 1.57 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(4.37, 4.37, 4.37); Calibrated: 18/07/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Bottom of EUT Facing Phantom - Middle/Area Scan (61x81x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.712 mW/g
Bottom of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 23.7 V/m; Power Drift = -0.031 dB
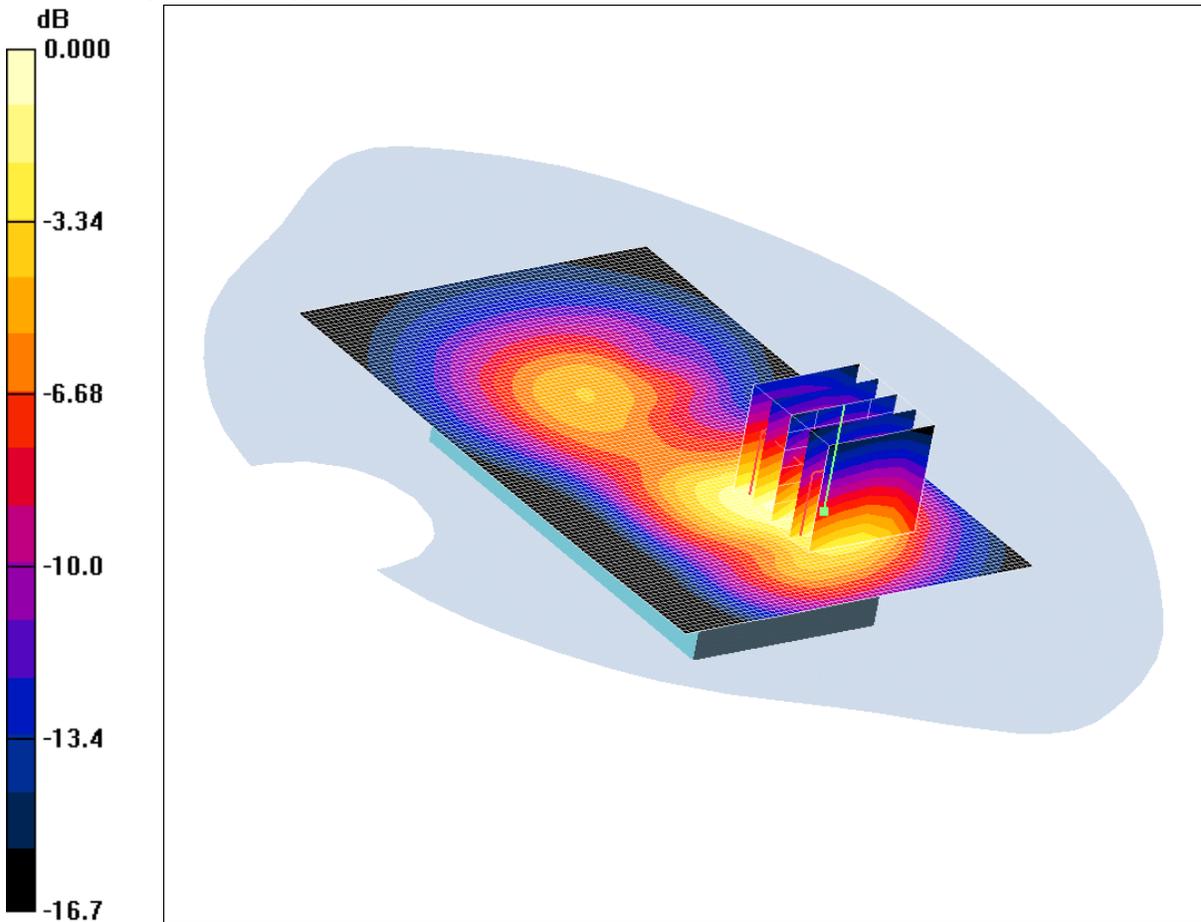Peak SAR (extrapolated) = 1.53 W/kg
SAR(1 g) = 0.703 mW/g; SAR(10 g) = 0.333 mW/g
Maximum value of SAR (measured) = 0.778 mW/g

SCN/87696/037: Rear of EUT Facing Phantom EDGE CH661
Date 26/04/2012
DUT: Sony Kumquat; Type: Kumquat 125; Serial: BX902T0A3W

0 dB = 0.878mW/g

Communication System: EGPRS 1900 3Tx; Frequency: 1880 MHz;Duty Cycle: 1:2.67
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1880 MHz; σ = 1.57 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(4.37, 4.37, 4.37); Calibrated: 18/07/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Rear of EUT Facing Phantom - Middle/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.937 mW/g
Rear of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.9 V/m; Power Drift = -0.003 dB
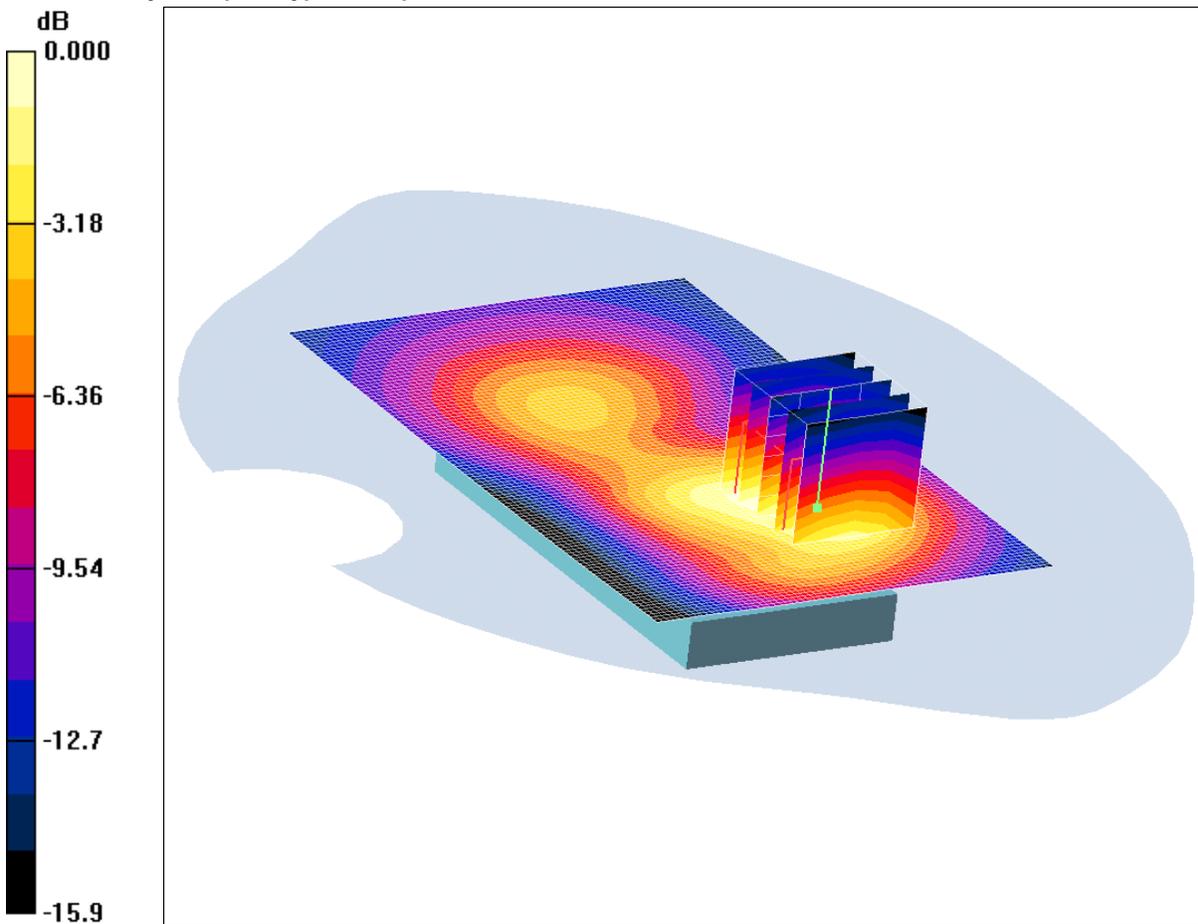Peak SAR (extrapolated) = 1.29 W/kg
SAR(1 g) = 0.795 mW/g; SAR(10 g) = 0.459 mW/g
Maximum value of SAR (measured) = 0.878 mW/g

SCN/87696/038: Rear of EUT Facing Phantom PCS CH661
Date 26/04/2012
DUT: Sony Kumquat; Type: Kumquat 125; Serial: BX902T0A3W

0 dB = 0.374mW/g

Communication System: PCS 1900; Frequency: 1880 MHz;Duty Cycle: 1:8.3
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1880 MHz; σ = 1.57 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(4.37, 4.37, 4.37); Calibrated: 18/07/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Rear of EUT Facing Phantom - Middle/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.383 mW/g
Rear of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.89 V/m; Power Drift = 0.018 dB
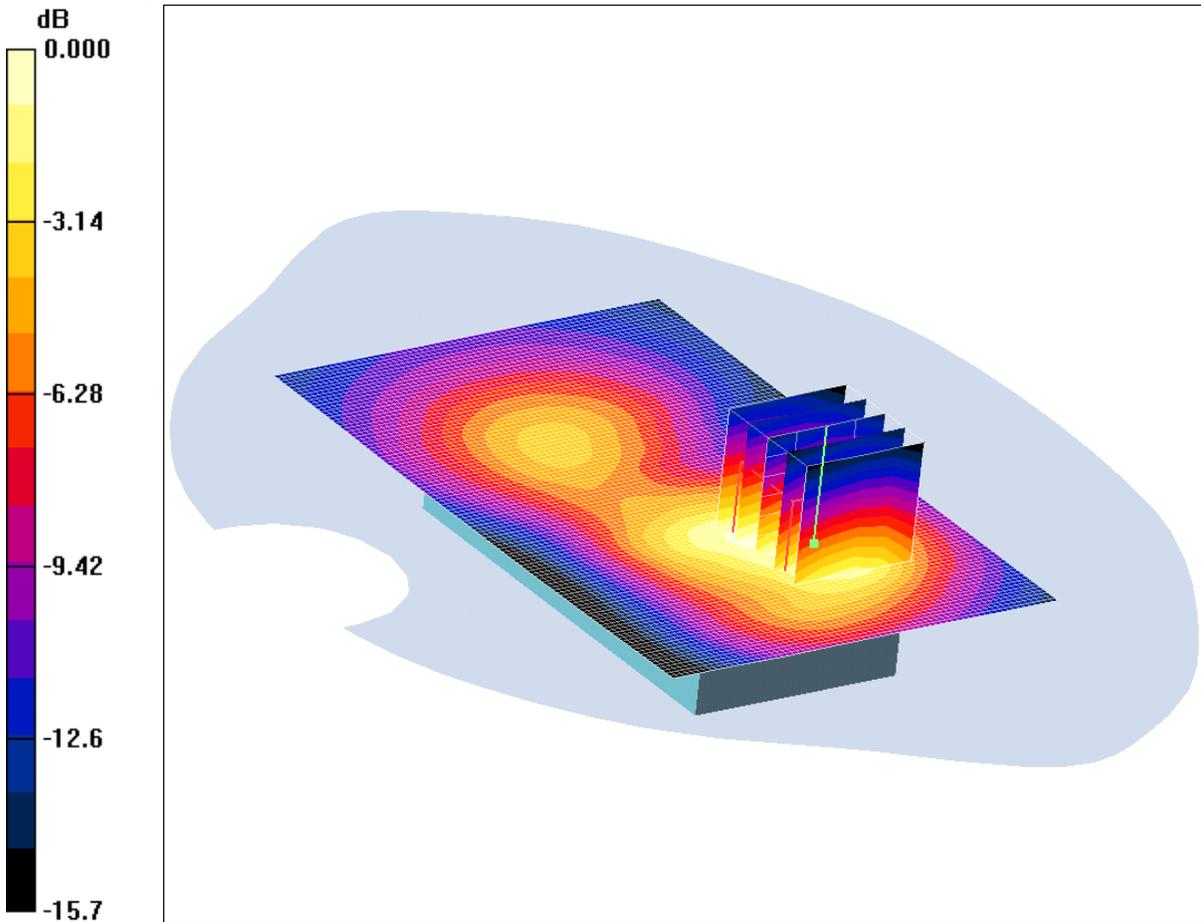Peak SAR (extrapolated) = 0.540 W/kg
SAR(1 g) = 0.342 mW/g; SAR(10 g) = 0.205 mW/g
Maximum value of SAR (measured) = 0.374 mW/g

SCN/87696/039: Rear of EUT Facing Phantom at 15mm GPRS CH661
Date 26/04/2012
DUT: Sony Kumquat; Type: Kumquat 125; Serial: BX902T0A3W

0 dB = 0.473mW/g

Communication System: GPRS 1900 3Tx; Frequency: 1880 MHz;Duty Cycle: 1:2.67
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1880 MHz; σ = 1.57 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(4.37, 4.37, 4.37); Calibrated: 18/07/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Rear of EUT Facing Phantom at 15mm - Middle/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.484 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 = 8.85 V/m; Power Drift = -0.060 dB
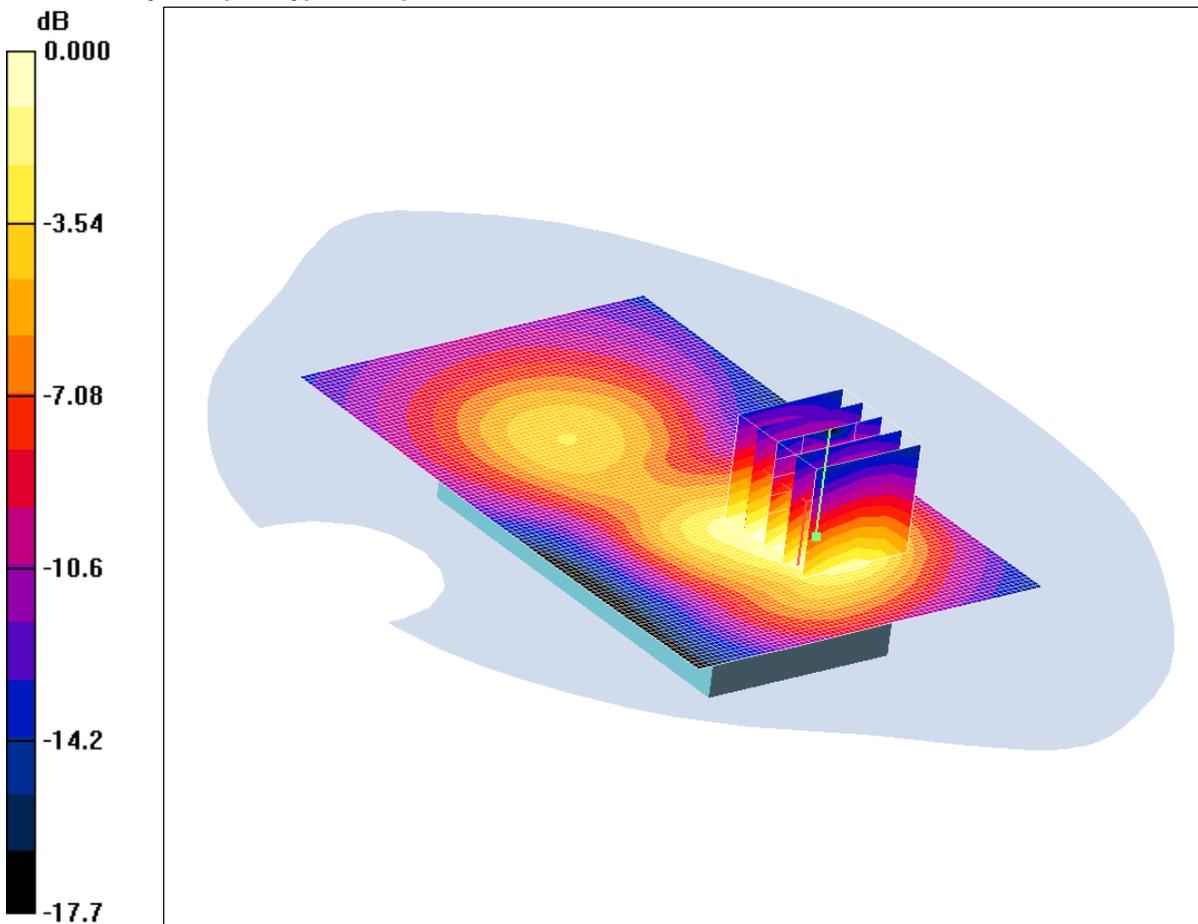Peak SAR (extrapolated) = 0.680 W/kg
SAR(1 g) = 0.432 mW/g; SAR(10 g) = 0.259 mW/g
Maximum value of SAR (measured) = 0.473 mW/g

SCN/87696/040: Rear of EUT Facing Phantom at 15mm GPRS CH512
Date 26/04/2012
DUT: Sony Kumquat; Type: Kumquat 125; Serial: BX902T0A3W

0 dB = 0.456mW/g

Communication System: GPRS 1900 3Tx; Frequency: 1850.2 MHz;Duty Cycle: 1:2.67
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.55 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(4.37, 4.37, 4.37); Calibrated: 18/07/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Rear of EUT Facing Phantom at 15mm - Low/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.466 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 = 8.50 V/m; Power Drift = 0.002 dB
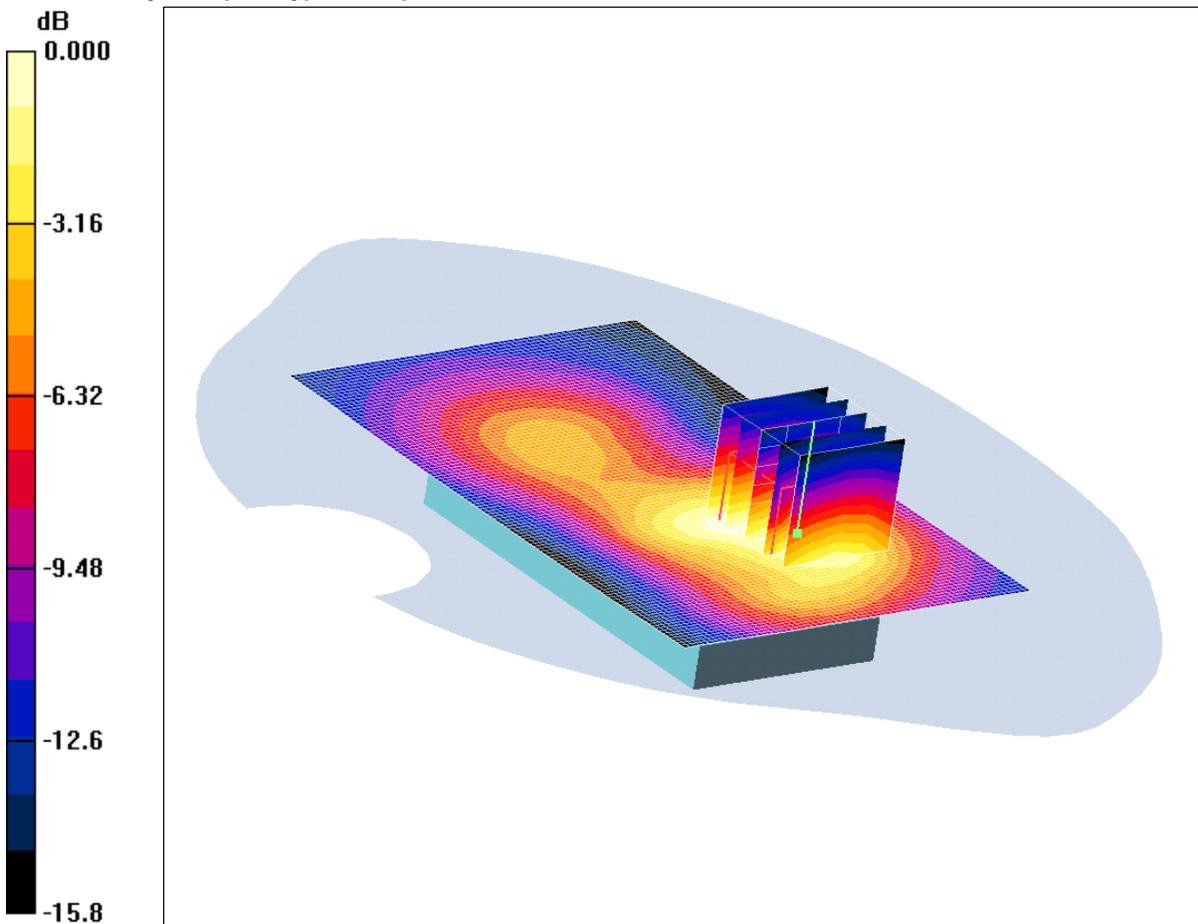Peak SAR (extrapolated) = 0.653 W/kg
SAR(1 g) = 0.416 mW/g; SAR(10 g) = 0.249 mW/g
Maximum value of SAR (measured) = 0.456 mW/g

SCN/87696/041: Rear of EUT Facing Phantom at 15mm GPRS CH810
Date 26/04/2012
DUT: Sony Kumquat; Type: Kumquat 125; Serial: BX902T0A3W

0 dB = 0.477mW/g

Communication System: GPRS 1900 3Tx; Frequency: 1909.8 MHz;Duty Cycle: 1:2.67
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1909.8 MHz; σ = 1.6 mho/m; ε_r = 51.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(4.37, 4.37, 4.37); Calibrated: 18/07/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Rear of EUT Facing Phantom at 15mm - High/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.482 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 = 9.55 V/m; Power Drift = 0.025 dB
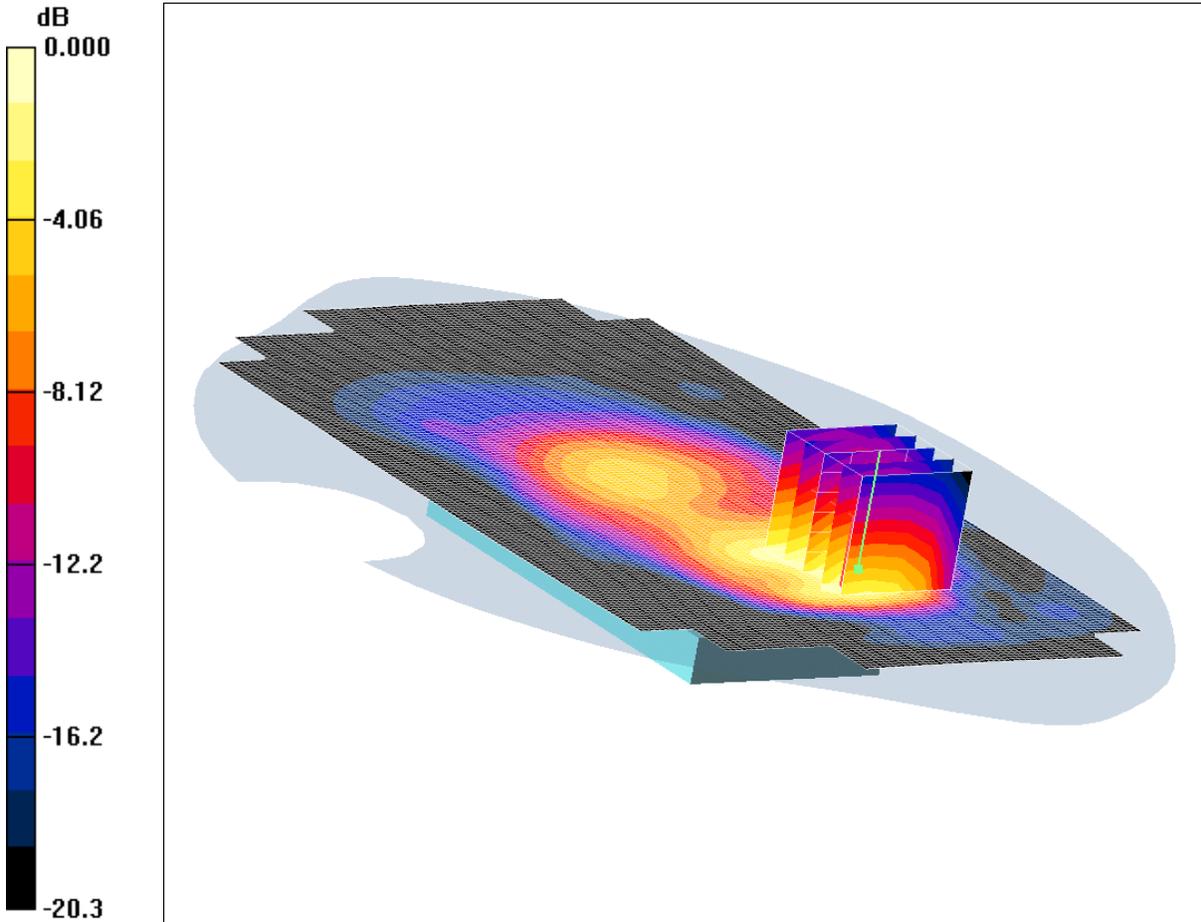Peak SAR (extrapolated) = 0.691 W/kg
SAR(1 g) = 0.437 mW/g; SAR(10 g) = 0.262 mW/g
Maximum value of SAR (measured) = 0.477 mW/g

SCN/87696/042: Rear of EUT Facing Phantom with PHF GPRS CH810
Date 26/04/2012
DUT: Sony Kumquat; Type: Kumquat 125; Serial: BX902T0A3W

0 dB = 1.11mW/g

Communication System: GPRS 1900 3Tx; Frequency: 1909.8 MHz;Duty Cycle: 1:2.67
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1909.8 MHz; σ = 1.6 mho/m; $ε_r$ = 51.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(4.37, 4.37, 4.37); Calibrated: 18/07/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Rear of EUT Facing Phantom with PHF - High/Area Scan 2 (91x161x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.37 mW/g
Rear of EUT Facing Phantom with PHF - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.3 V/m; Power Drift = -0.016 dB
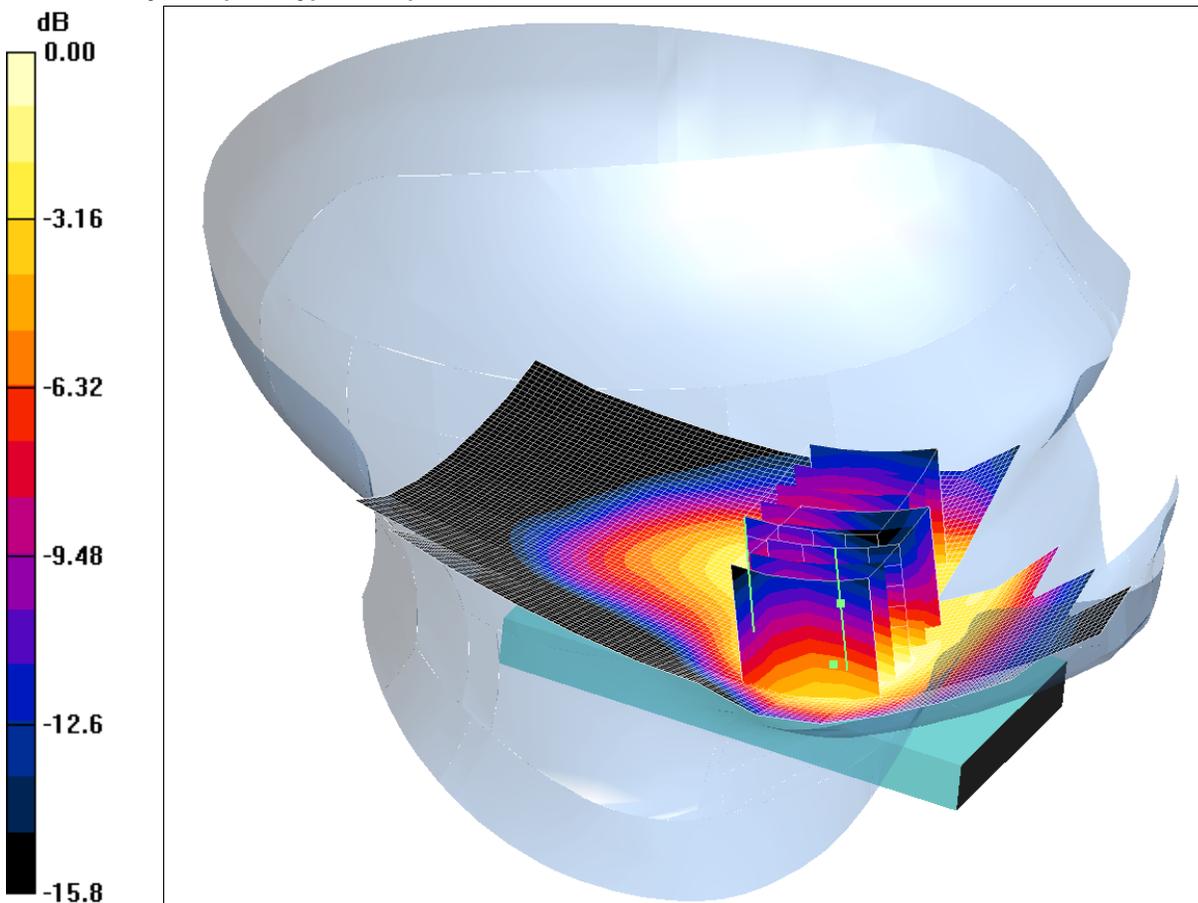Peak SAR (extrapolated) = 1.73 W/kg
SAR(1 g) = 1.03 mW/g; SAR(10 g) = 0.571 mW/g
Maximum value of SAR (measured) = 1.11 mW/g

SCN/87696/043: Touch Left UMTS FDD II CH9400
Date: 26/04/2012
DUT: Sony Kumquat ; Type: Kumquat 125; Serial: BX902T0A3W

0 dB = 0.813mW/g

Communication System: UMTS-FDD II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: 1900 MHz HSL Medium parameters used (interpolated): f = 1880 MHz; σ = 1.42 mho/m; ε_r = 38.9; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(7.78, 7.78, 7.78); Calibrated: 22/09/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 05/05/2011
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207
- 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) = 1.09 mW/g
Touch Left - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.85 V/m; Power Drift = 0.118 dB
Peak SAR (extrapolated) = 1.41 W/kg
SAR(1 g) = 0.876 mW/g; SAR(10 g) = 0.496 mW/g
Maximum value of SAR (measured) = 1.08 mW/g
Touch Left - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.85 V/m; Power Drift = 0.118 dB
Peak SAR (extrapolated) = 1.02 W/kg
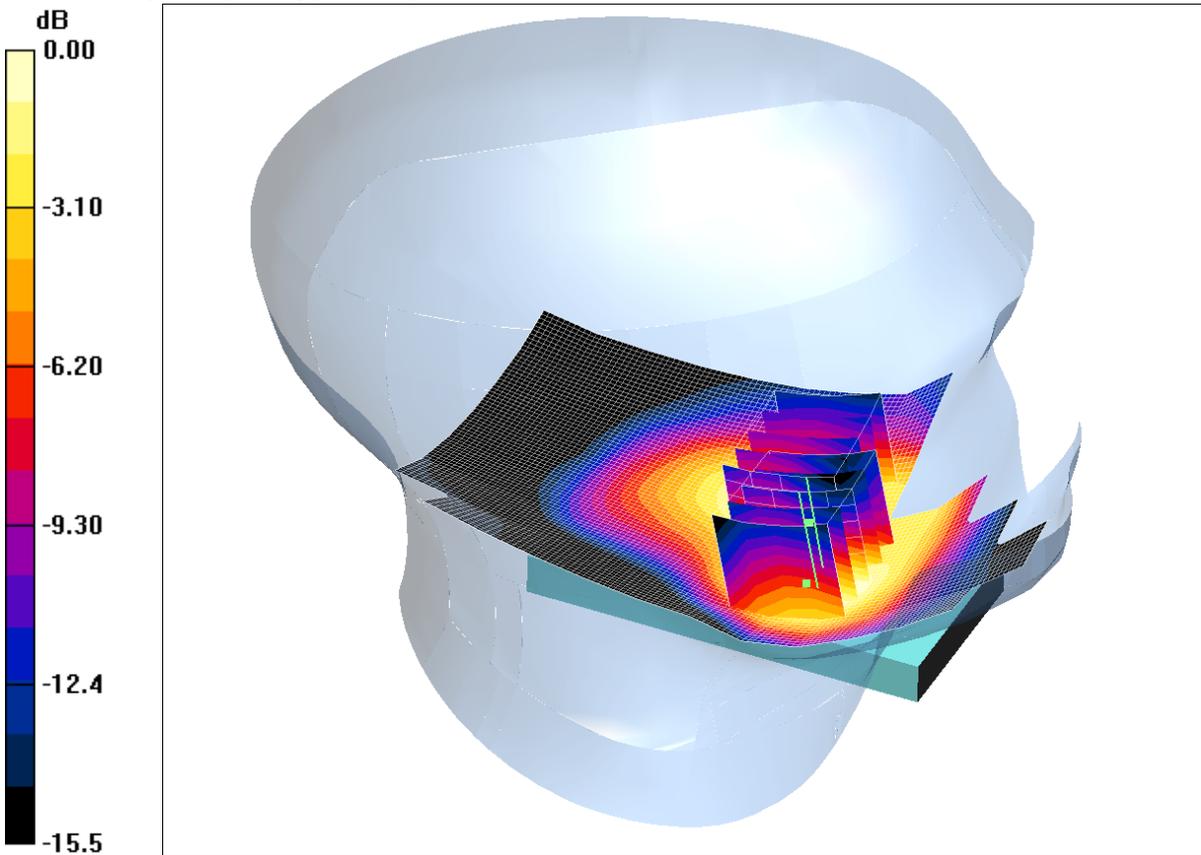**SAR(1 g) = 0.660 mW/g; SAR(10 g) = 0.440 mW/g**
Maximum value of SAR (measured) = 0.813 mW/g

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

SCN/87696/044: Touch Left UMTS FDD II CH9262
Date: 26/04/2012
DUT: Sony Kumquat ; Type: Kumquat 125; Serial: BX902T0A3W

0 dB = 0.859mW/g

Communication System: UMTS-FDD II; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: 1900 MHz HSL Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.4 mho/m; ε_r = 39; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(7.78, 7.78, 7.78); Calibrated: 22/09/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 05/05/2011
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207
- 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) = 1.10 mW/g
Touch Left - Low/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.32 V/m; Power Drift = 0.183 dB
Peak SAR (extrapolated) = 1.42 W/kg
SAR(1 g) = 0.897 mW/g; SAR(10 g) = 0.515 mW/g
Maximum value of SAR (measured) = 1.11 mW/g
Touch Left - Low/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.32 V/m; Power Drift = 0.183 dB
Peak SAR (extrapolated) = 1.08 W/kg
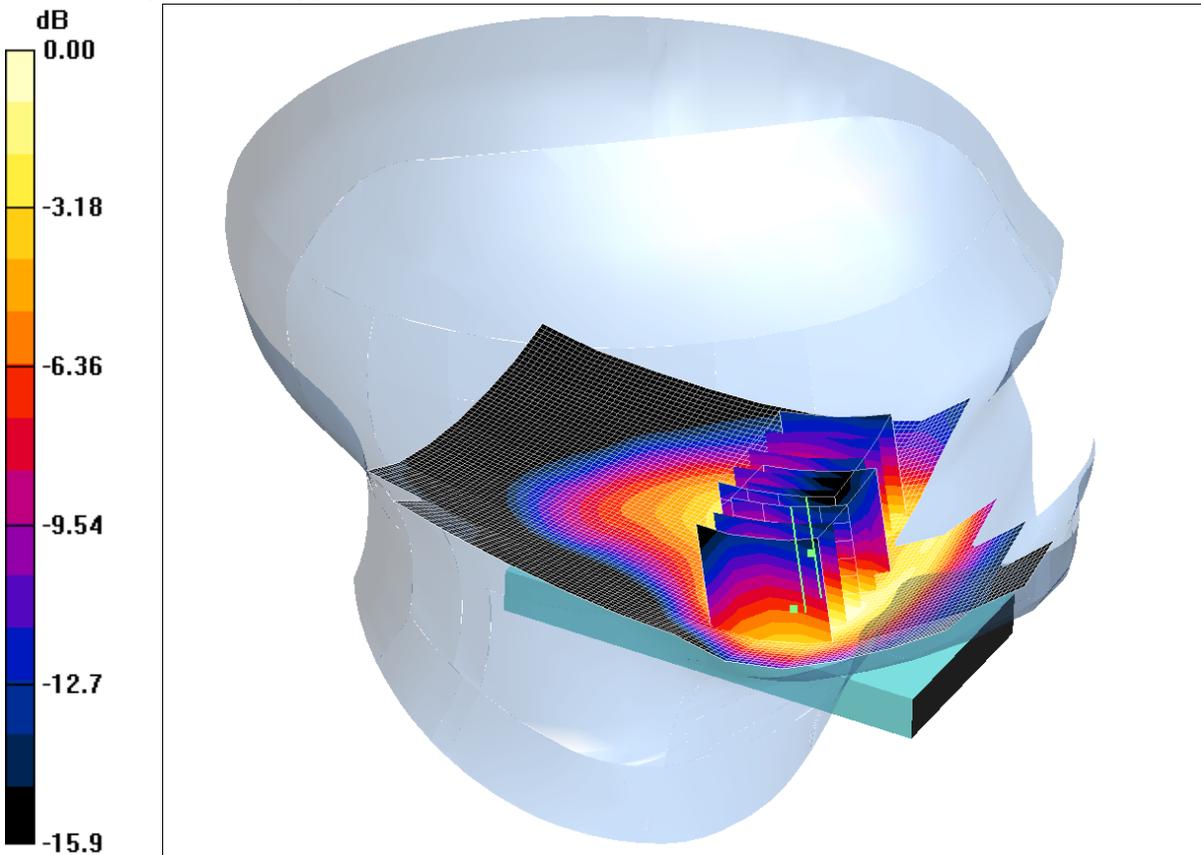**SAR(1 g) = 0.704 mW/g; SAR(10 g) = 0.473 mW/g**
Maximum value of SAR (measured) = 0.859 mW/g

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

SCN/87696/045: Touch Left UMTS FDD II CH9538
Date: 26/04/2012
DUT: Sony Kumquat ; Type: Kumquat 125; Serial: BX902T0A3W

0 dB = 0.945mW/g

Communication System: UMTS-FDD II; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: 1900 MHz HSL Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.44 mho/m; ε_r = 38.8; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(7.78, 7.78, 7.78); Calibrated: 22/09/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 05/05/2011
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207
- 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) = 1.21 mW/g
Touch Left - High/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.95 V/m; Power Drift = 0.108 dB
Peak SAR (extrapolated) = 1.60 W/kg
SAR(1 g) = 0.972 mW/g; SAR(10 g) = 0.541 mW/g
Maximum value of SAR (measured) = 1.21 mW/g
Touch Left - High/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.95 V/m; Power Drift = 0.108 dB
Peak SAR (extrapolated) = 1.21 W/kg
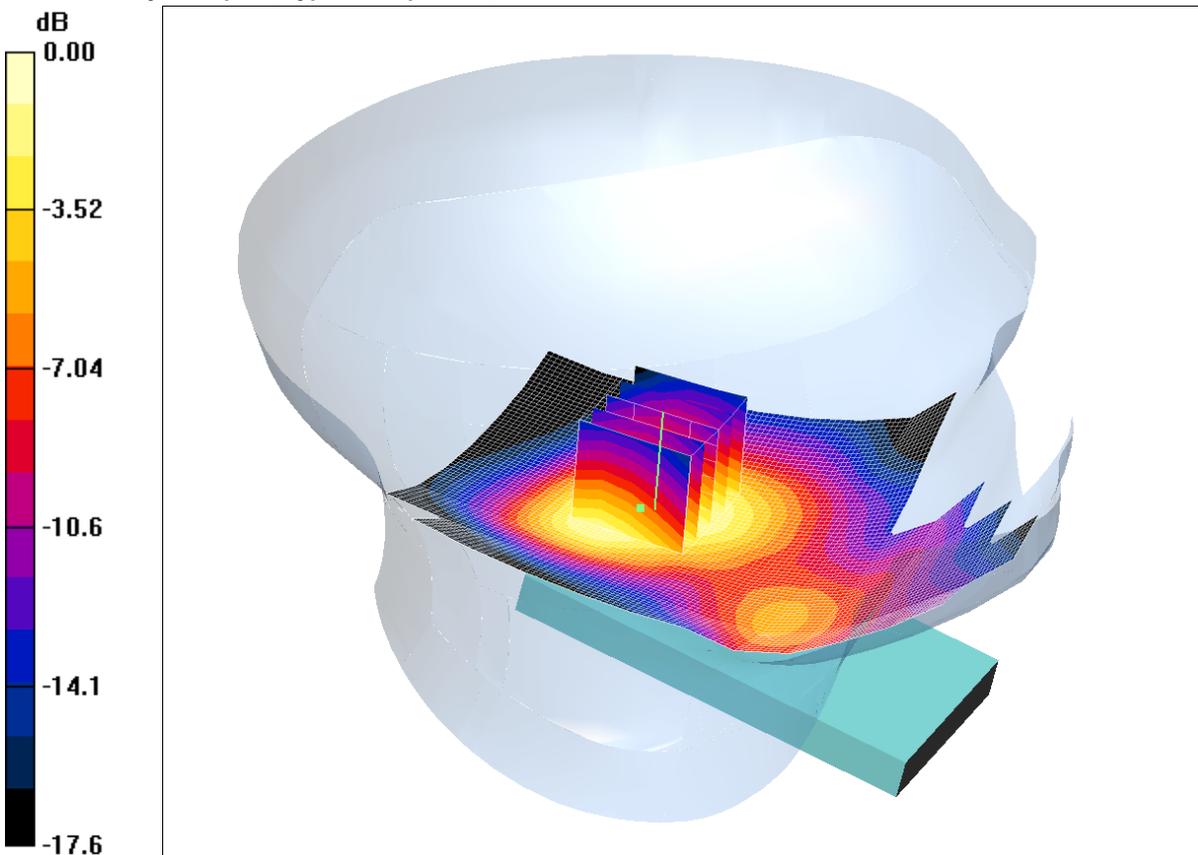**SAR(1 g) = 0.683 mW/g; SAR(10 g) = 0.452 mW/g**
Maximum value of SAR (measured) = 0.945 mW/g

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

SCN/87696/046: Tilt Left UMTS FDD II CH9400
Date: 26/04/2012
DUT: Sony Kumquat ; Type: Kumquat 125; Serial: BX902T0A3W

0 dB = 0.610mW/g

Communication System: UMTS-FDD II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: 1900 MHz HSL Medium parameters used (interpolated): f = 1880 MHz; σ = 1.42 mho/m; ε_r = 38.9; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(7.78, 7.78, 7.78); Calibrated: 22/09/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 05/05/2011
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145
Tilt Left - Middle 2/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.686 mW/g
Tilt Left - Middle 2/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.9 V/m; Power Drift = 0.049 dB
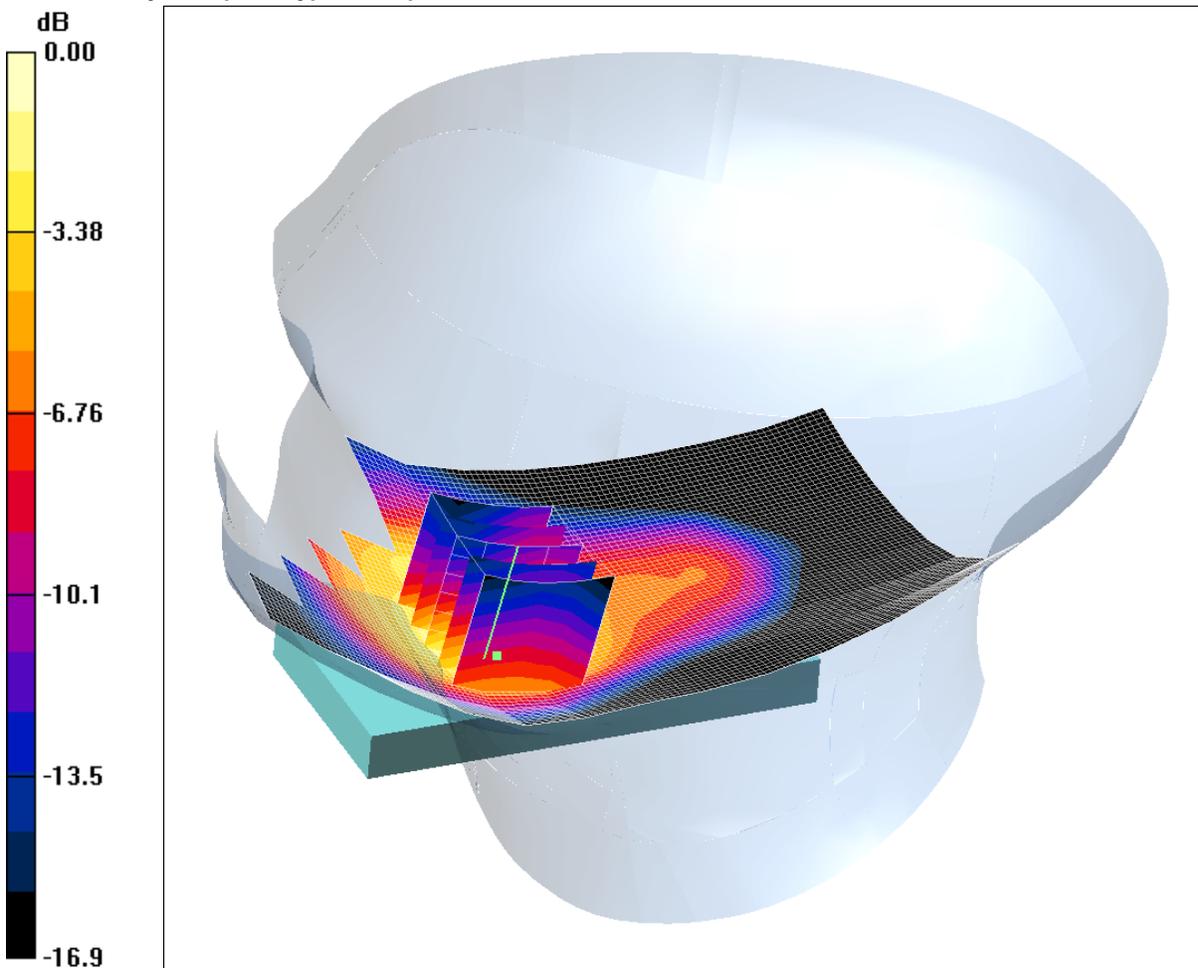Peak SAR (extrapolated) = 0.776 W/kg
SAR(1 g) = 0.507 mW/g; SAR(10 g) = 0.307 mW/g
Maximum value of SAR (measured) = 0.610 mW/g

SCN/87696/047: Touch Right UMTS FDD II CH9400
Date: 26/04/2012
DUT: Sony Kumquat ; Type: Kumquat 125; Serial: BX902T0A3W

0 dB = 1.38mW/g

Communication System: UMTS-FDD II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: 1900 MHz HSL Medium parameters used (interpolated): f = 1880 MHz; σ = 1.42 mho/m; $ε_r$ = 38.9; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(7.78, 7.78, 7.78); Calibrated: 22/09/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 05/05/2011
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207
- 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) = 1.36 mW/g
Touch Right - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.1 V/m; Power Drift = -0.067 dB
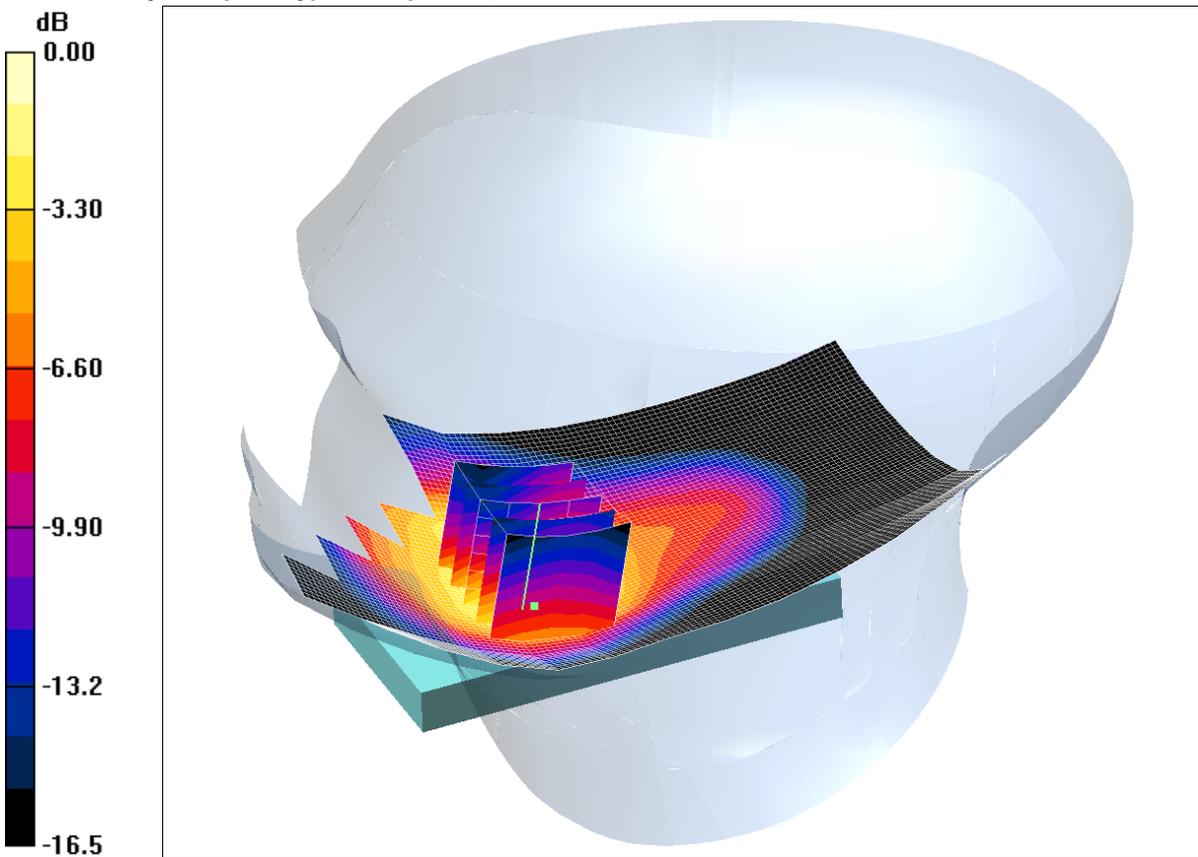Peak SAR (extrapolated) = 1.78 W/kg
SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.683 mW/g
Maximum value of SAR (measured) = 1.38 mW/g

SCN/87696/048: Touch Right UMTS FDD II CH9262
Date: 26/04/2012
DUT: Sony Kumquat ; Type: Kumquat 125; Serial: BX902T0A3W

0 dB = 1.37mW/g

Communication System: UMTS-FDD II; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: 1900 MHz HSL Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.4 mho/m; $ε_r$ = 39; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(7.78, 7.78, 7.78); Calibrated: 22/09/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 05/05/2011
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207
- 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) = 1.31 mW/g
Touch Right - Low/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.73 V/m; Power Drift = 0.140 dB
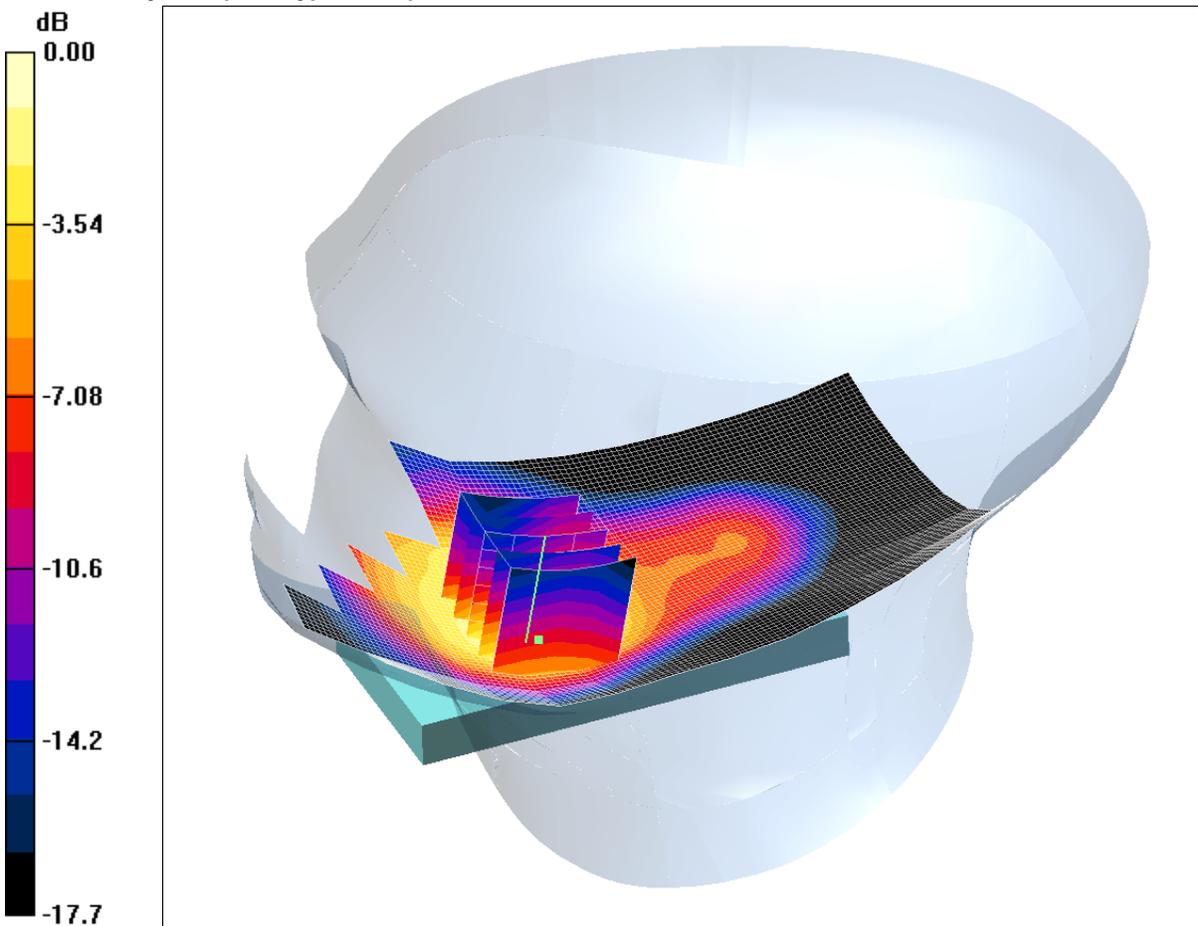Peak SAR (extrapolated) = 1.76 W/kg
SAR(1 g) = 1.15 mW/g; SAR(10 g) = 0.689 mW/g
Maximum value of SAR (measured) = 1.37 mW/g

SCN/87696/049: Touch Right UMTS FDD II CH9538
Date: 26/04/2012
DUT: Sony Kumquat ; Type: Kumquat 125; Serial: BX902T0A3W

0 dB = 1.47mW/g

Communication System: UMTS-FDD II; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: 1900 MHz HSL Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.44 mho/m; $ε_r$ = 38.8; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(7.78, 7.78, 7.78); Calibrated: 22/09/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 05/05/2011
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207
- 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) = 1.43 mW/g
Touch Right - High/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.9 V/m; Power Drift = 0.127 dB
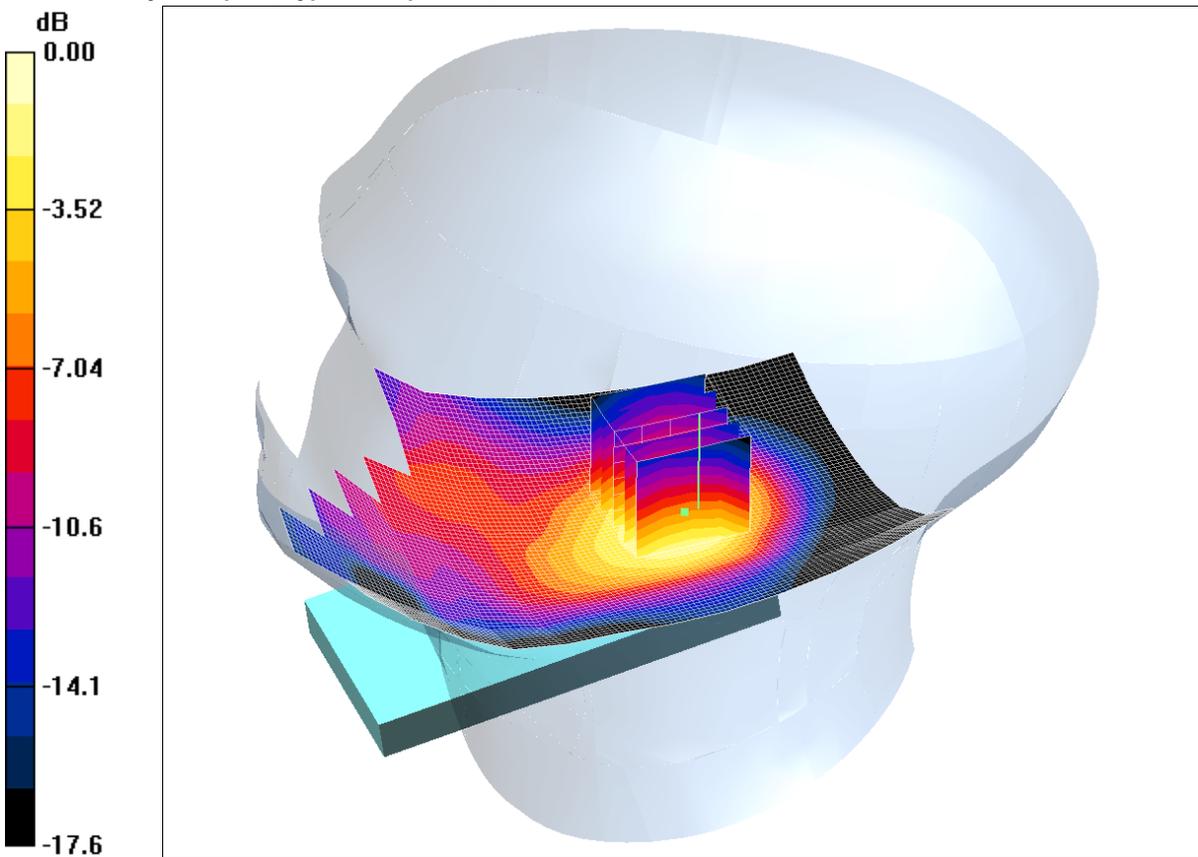Peak SAR (extrapolated) = 1.89 W/kg
SAR(1 g) = 1.2 mW/g; SAR(10 g) = 0.704 mW/g
Maximum value of SAR (measured) = 1.47 mW/g

SCN/87696/050: Tilt Right UMTS FDD II CH9400
Date: 26/04/2012
DUT: Sony Kumquat ; Type: Kumquat 125; Serial: BX902T0A3W

0 dB = 0.615mW/g

Communication System: UMTS-FDD II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: 1900 MHz HSL Medium parameters used (interpolated): f = 1880 MHz; σ = 1.42 mho/m; ε_r = 38.9; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(7.78, 7.78, 7.78); Calibrated: 22/09/2011
- Sensor-Surface: 2.5mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 05/05/2011
- Phantom: SAM 12b; Type: SAM 4.0; Serial: TP:1207
- 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) = 0.698 mW/g
Touch Right - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.0 V/m; Power Drift = 0.167 dB
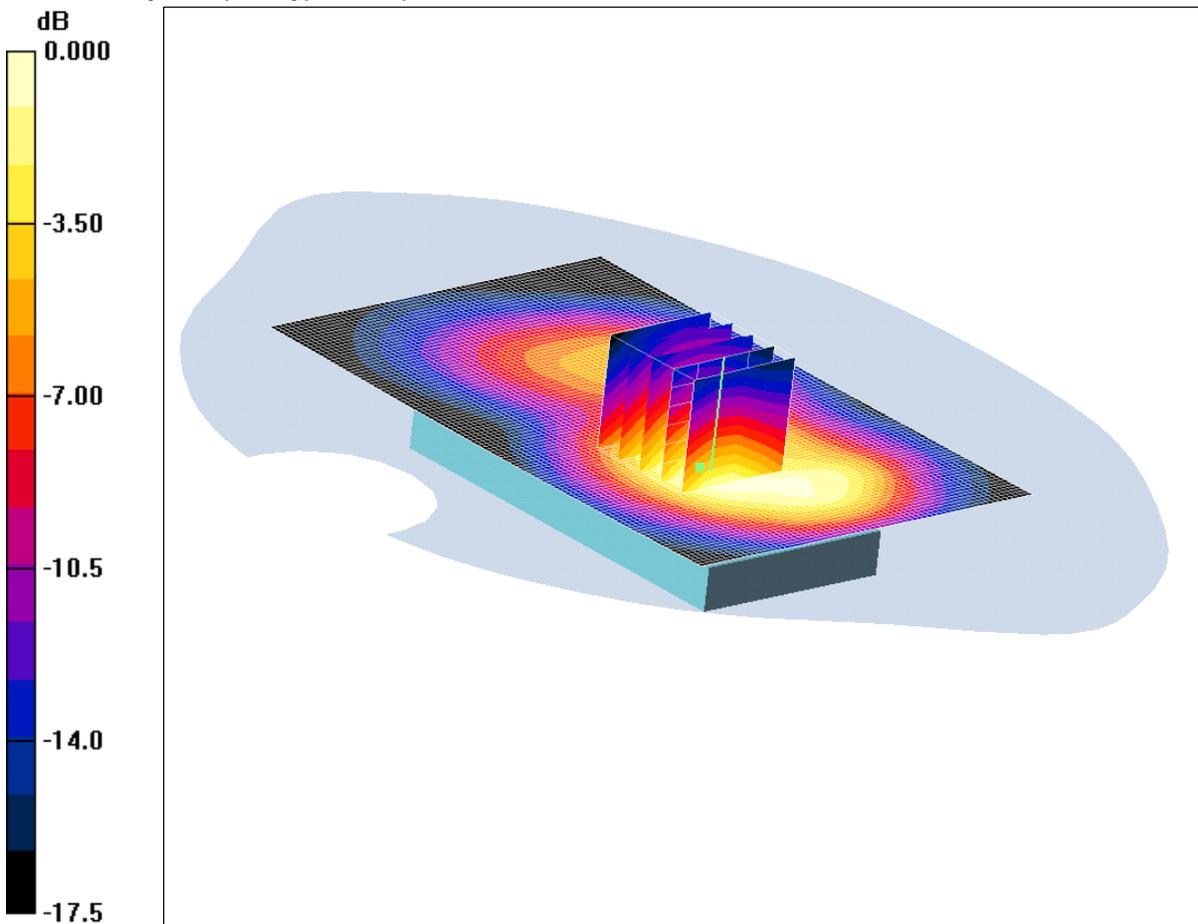Peak SAR (extrapolated) = 0.791 W/kg
SAR(1 g) = 0.499 mW/g; SAR(10 g) = 0.299 mW/g
Maximum value of SAR (measured) = 0.615 mW/g

SCN/87696/051: Front of EUT Facing Phantom UMTS FDDII CH9400
Date: 26/04/2012
DUT: Sony Kumquat; Type: Kumquat 125; Serial: BX902T0A03

0 dB = 0.520mW/g

Communication System: UMTS-FDD II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1880 MHz; σ = 1.57 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(4.37, 4.37, 4.37); Calibrated: 18/07/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Front of EUT Facing Phantom - Middle/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.475 mW/g
Front of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.33 V/m; Power Drift = -0.015 dB
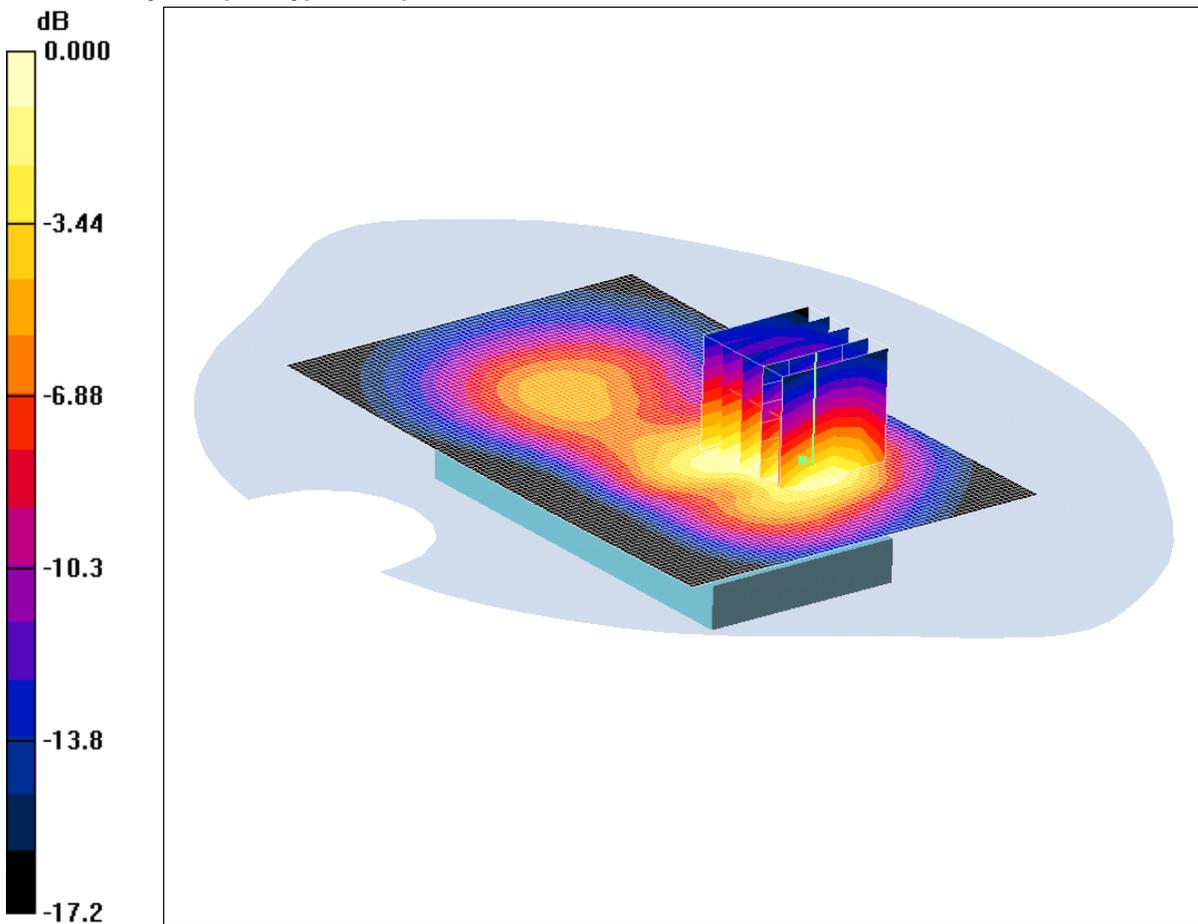Peak SAR (extrapolated) = 0.795 W/kg
SAR(1 g) = 0.485 mW/g; SAR(10 g) = 0.279 mW/g
Maximum value of SAR (measured) = 0.520 mW/g

SCN/87696/052: Rear of EUT Facing Phantom UMTS FDDII CH9400
Date: 26/04/2012
DUT: Sony Kumquat; Type: Kumquat 125; Serial: BX902T0A03

0 dB = 0.609mW/g

Communication System: UMTS-FDD II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1880 MHz; σ = 1.57 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(4.37, 4.37, 4.37); Calibrated: 18/07/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Rear of EUT Facing Phantom - Middle/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.641 mW/g
Rear of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm,
dy=8mm, dz=5mm
Reference Value = 9.97 V/m; Power Drift = -0.002 dB
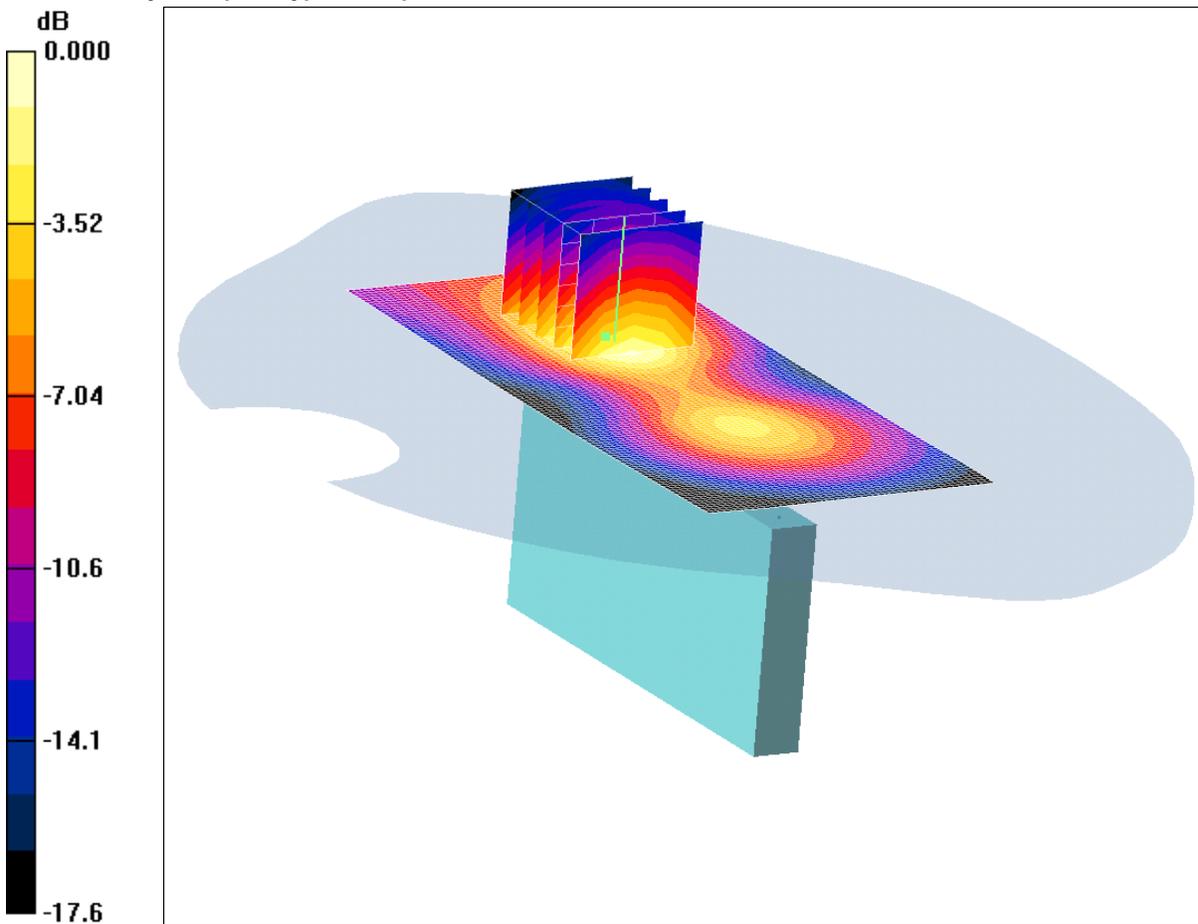Peak SAR (extrapolated) = 0.911 W/kg
SAR(1 g) = 0.555 mW/g; SAR(10 g) = 0.317 mW/g
Maximum value of SAR (measured) = 0.609 mW/g

SCN/87696/053: Left Hand Side of EUT Facing Phantom UMTS FDDII CH9400
Date: 26/04/2012
DUT: Sony Kumquat; Type: Kumquat 125; Serial: BX902T0A03

0 dB = 0.251mW/g

Communication System: UMTS-FDD II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1880 MHz; σ = 1.57 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(4.37, 4.37, 4.37); Calibrated: 18/07/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Left Hand Side of EUT Facing Phantom - Middle/Area Scan (51x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.257 mW/g
Left Hand Side of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.72 V/m; Power Drift = -0.029 dB
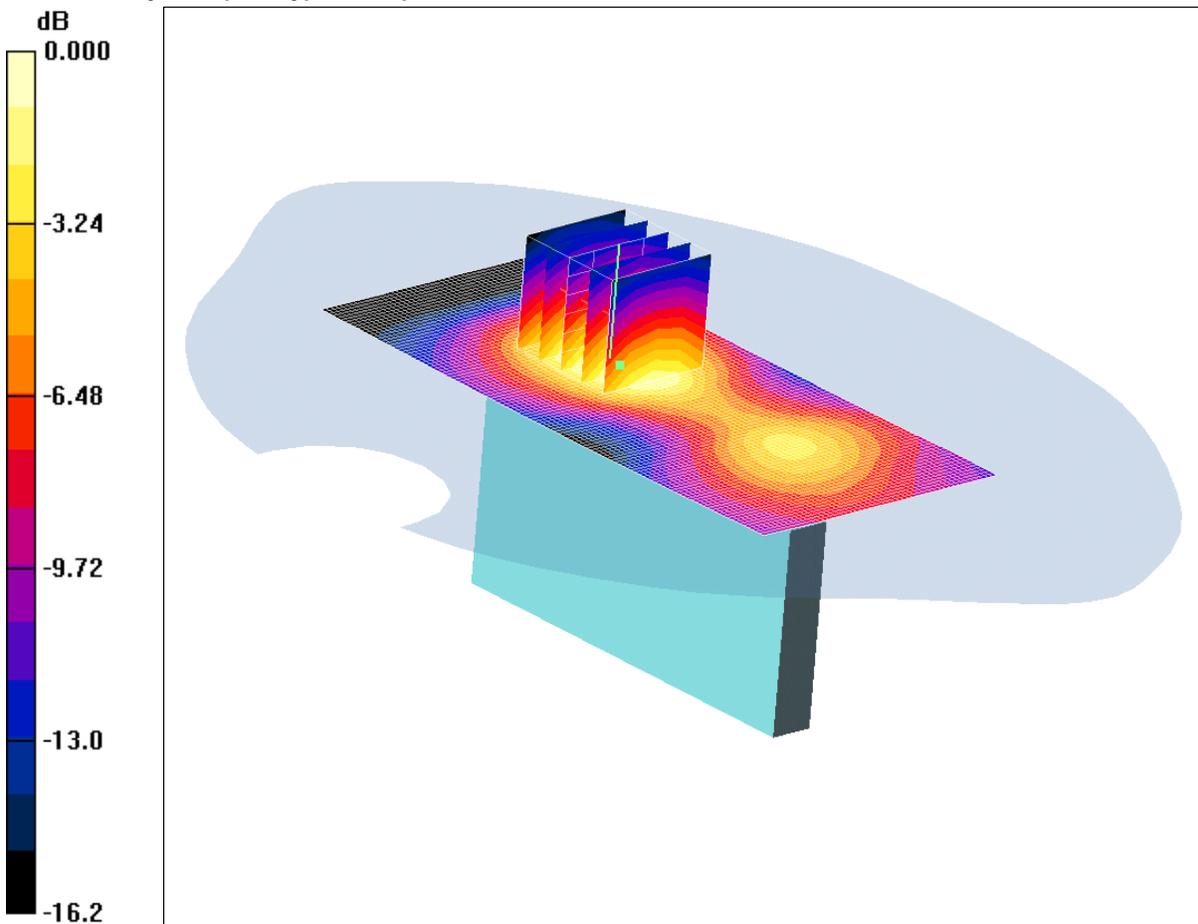Peak SAR (extrapolated) = 0.381 W/kg
SAR(1 g) = 0.233 mW/g; SAR(10 g) = 0.133 mW/g
Maximum value of SAR (measured) = 0.251 mW/g

SCN/87696/054: Right Hand Side of EUT Facing Phantom UMTS FDDII CH9400
Date: 26/04/2012
DUT: Sony Kumquat; Type: Kumquat 125; Serial: BX902T0A03

0 dB = 0.215mW/g

Communication System: UMTS-FDD II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1880 MHz; σ = 1.57 mho/m; $ε_r$ = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(4.37, 4.37, 4.37); Calibrated: 18/07/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Right Hand Side of EUT Facing Phantom - Middle/Area Scan (51x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.218 mW/g
Right Hand Side of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.84 V/m; Power Drift = 0.020 dB
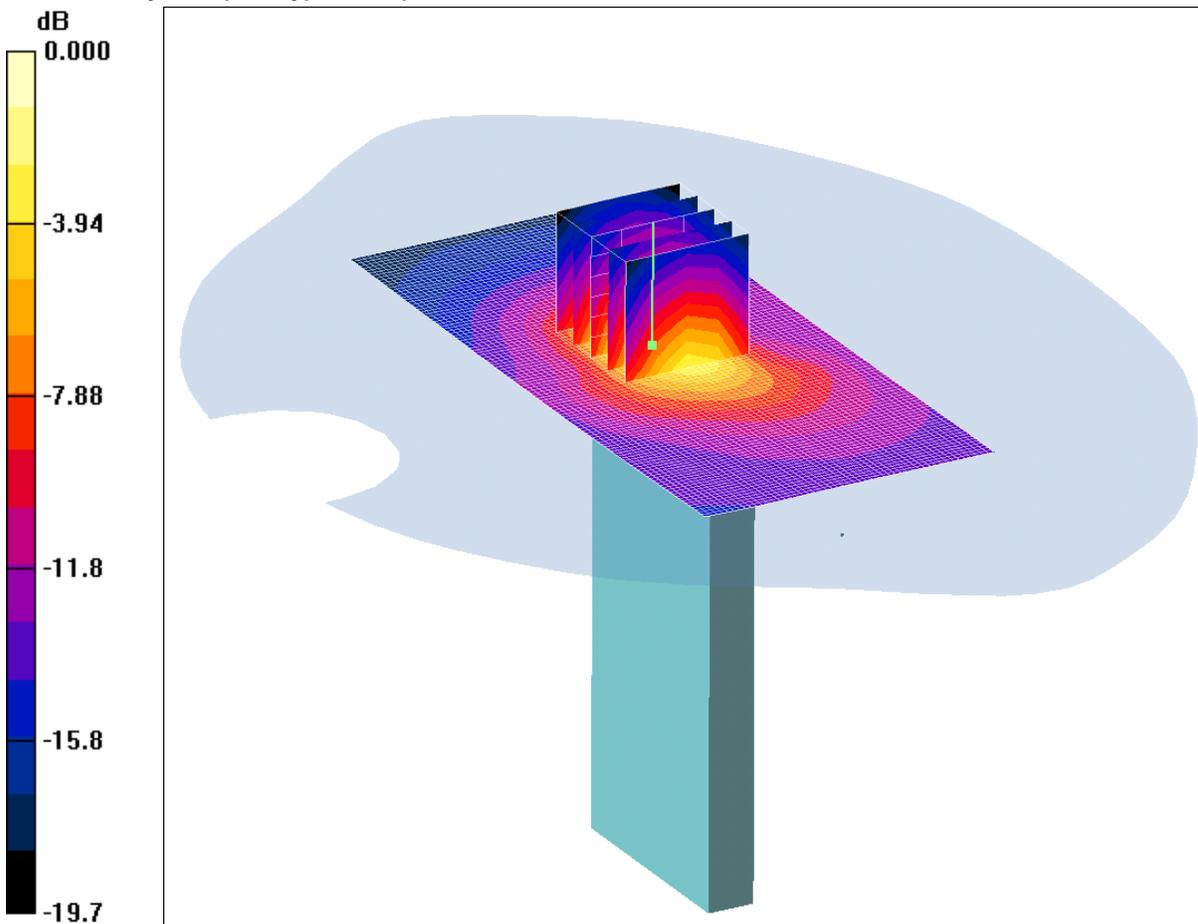Peak SAR (extrapolated) = 0.313 W/kg
SAR(1 g) = 0.196 mW/g; SAR(10 g) = 0.117 mW/g
Maximum value of SAR (measured) = 0.215 mW/g

SCN/87696/055: Bottom of EUT Facing Phantom UMTS FDDII CH9400
Date: 26/04/2012
DUT: Sony Kumquat; Type: Kumquat 125; Serial: BX902T0A03

0 dB = 0.473mW/g

Communication System: UMTS-FDD II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1880 MHz; σ = 1.57 mho/m; $ε_r$ = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(4.37, 4.37, 4.37); Calibrated: 18/07/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Bottom of EUT Facing Phantom - Middle/Area Scan (51x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.407 mW/g
Bottom of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0: Measurement grid:
dx=8mm, dy=8mm, dz=5mm
Reference Value = 17.9 V/m; Power Drift = -0.010 dB
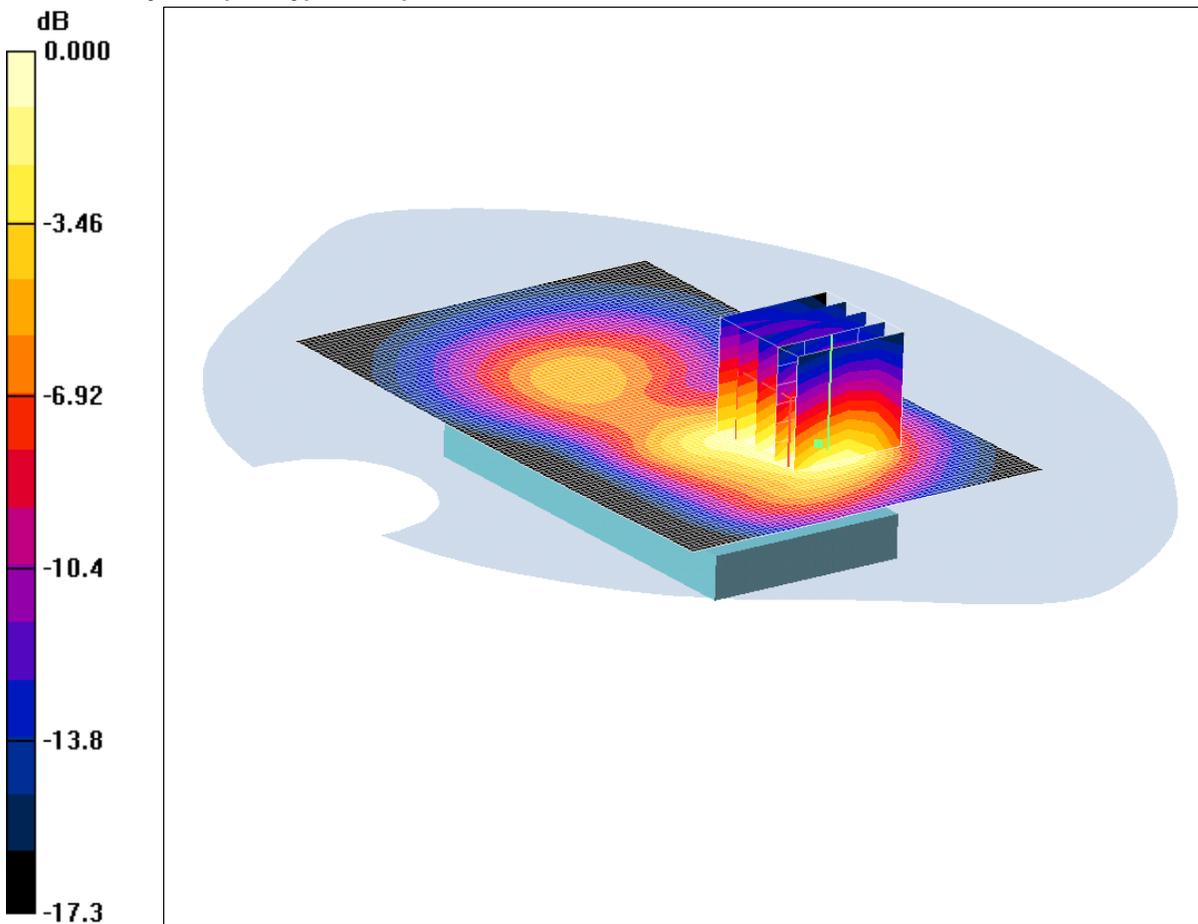Peak SAR (extrapolated) = 0.750 W/kg
SAR(1 g) = 0.408 mW/g; SAR(10 g) = 0.196 mW/g
Maximum value of SAR (measured) = 0.473 mW/g

SCN/87696/056: Rear of EUT Facing Phantom UMTS FDDII + HSDPA CH9400
Date: 26/04/2012
DUT: Sony Kumquat; Type: Kumquat 125; Serial: BX902T0A03

0 dB = 0.596mW/g

Communication System: UMTS-FDD II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1880 MHz; σ = 1.57 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(4.37, 4.37, 4.37); Calibrated: 18/07/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Rear of EUT Facing Phantom - Middle 2/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.618 mW/g
Rear of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.86 V/m; Power Drift = -0.021 dB
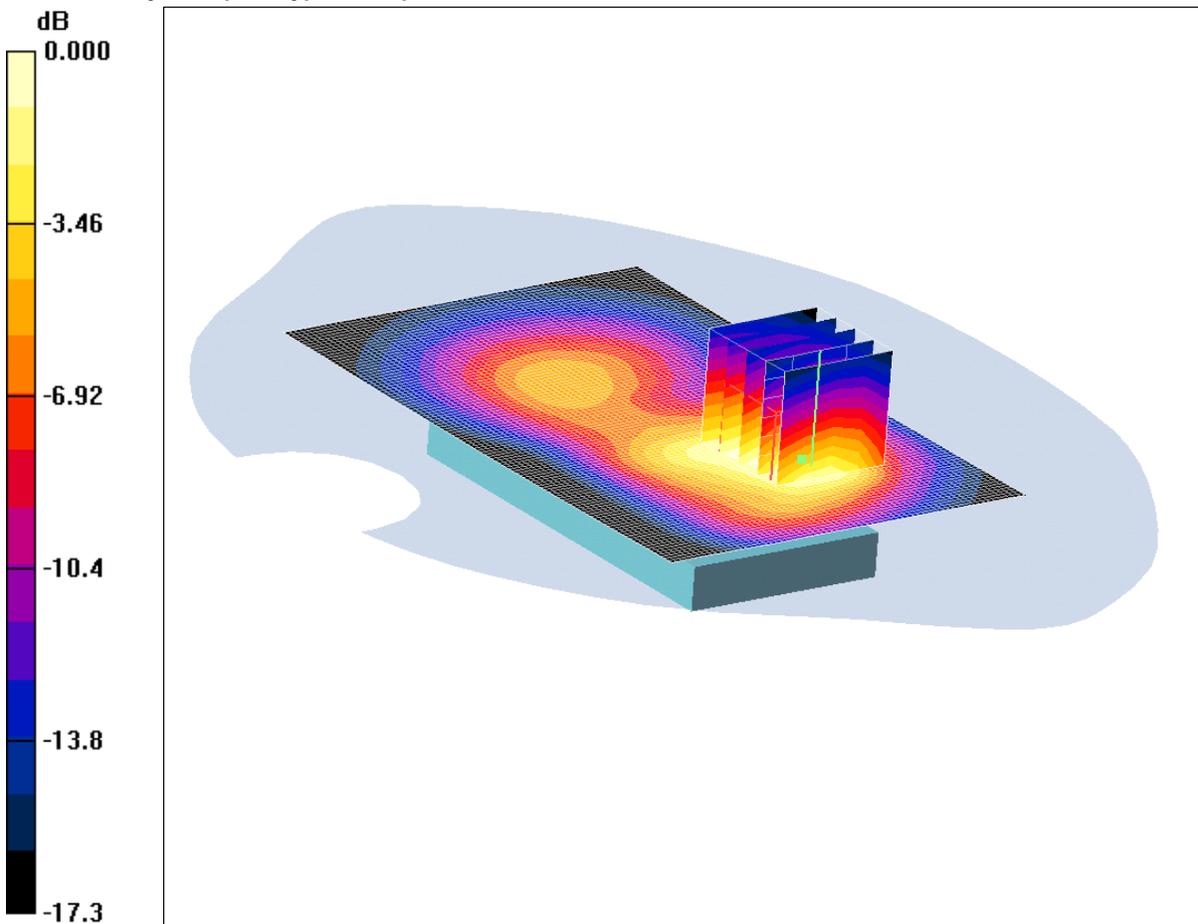Peak SAR (extrapolated) = 0.894 W/kg
SAR(1 g) = 0.546 mW/g; SAR(10 g) = 0.313 mW/g
Maximum value of SAR (measured) = 0.596 mW/g

SCN/87696/057: Rear of EUT Facing Phantom UMTS FDDII + HSPA CH9400
Date: 26/04/2012
DUT: Sony Kumquat; Type: Kumquat 125; Serial: BX902T0A03

0 dB = 0.495mW/g

Communication System: UMTS-FDD II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1880 MHz; σ = 1.57 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(4.37, 4.37, 4.37); Calibrated: 18/07/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Rear of EUT Facing Phantom - Middle/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.517 mW/g
Rear of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.04 V/m; Power Drift = -0.022 dB
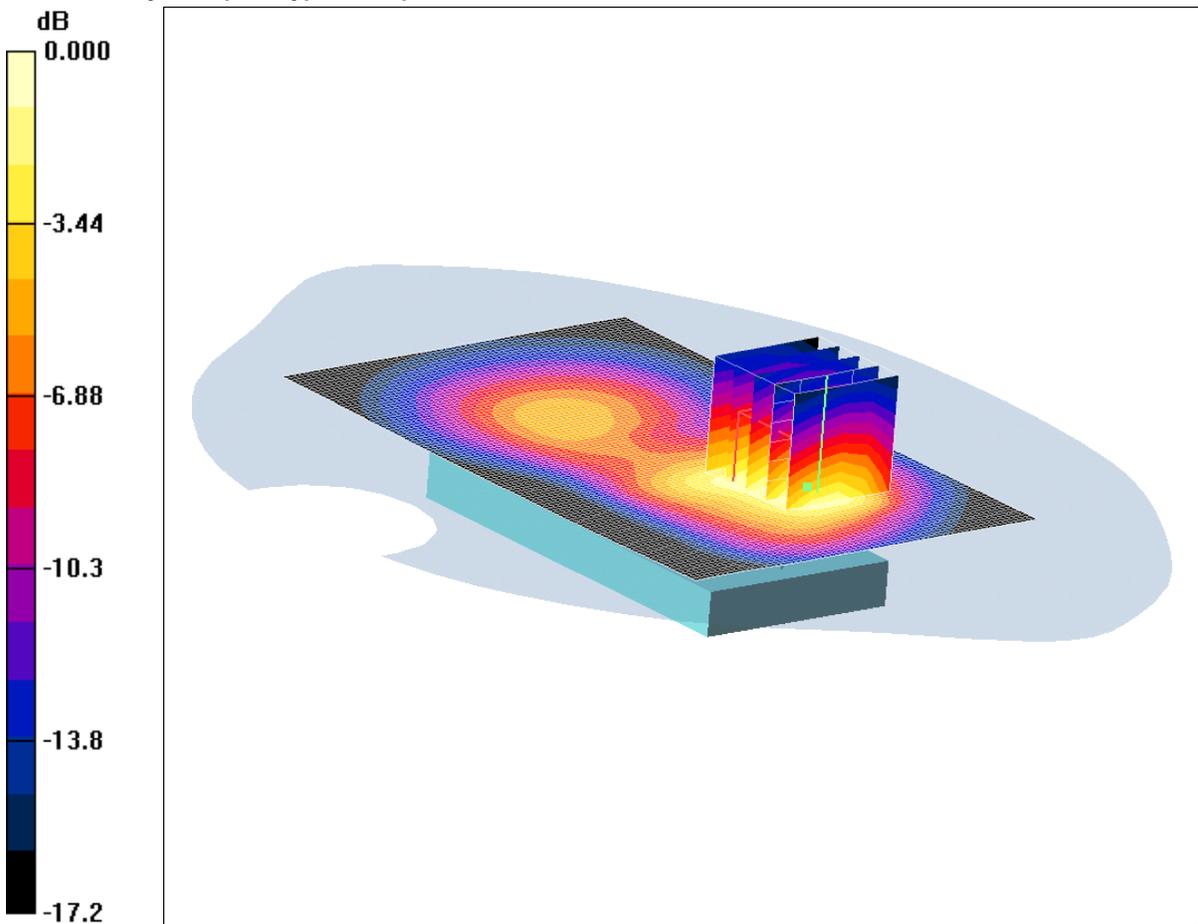Peak SAR (extrapolated) = 0.750 W/kg
SAR(1 g) = 0.457 mW/g; SAR(10 g) = 0.262 mW/g
Maximum value of SAR (measured) = 0.495 mW/g

SCN/87696/058: Rear of EUT Facing Phantom UMTS FDDII CH9262
Date: 26/04/2012
DUT: Sony Kumquat; Type: Kumquat 125; Serial: BX902T0A03

0 dB = 0.668mW/g

Communication System: UMTS-FDD II; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.55 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(4.37, 4.37, 4.37); Calibrated: 18/07/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Rear of EUT Facing Phantom - Low/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.701 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 = 8.90 V/m; Power Drift = -0.047 dB
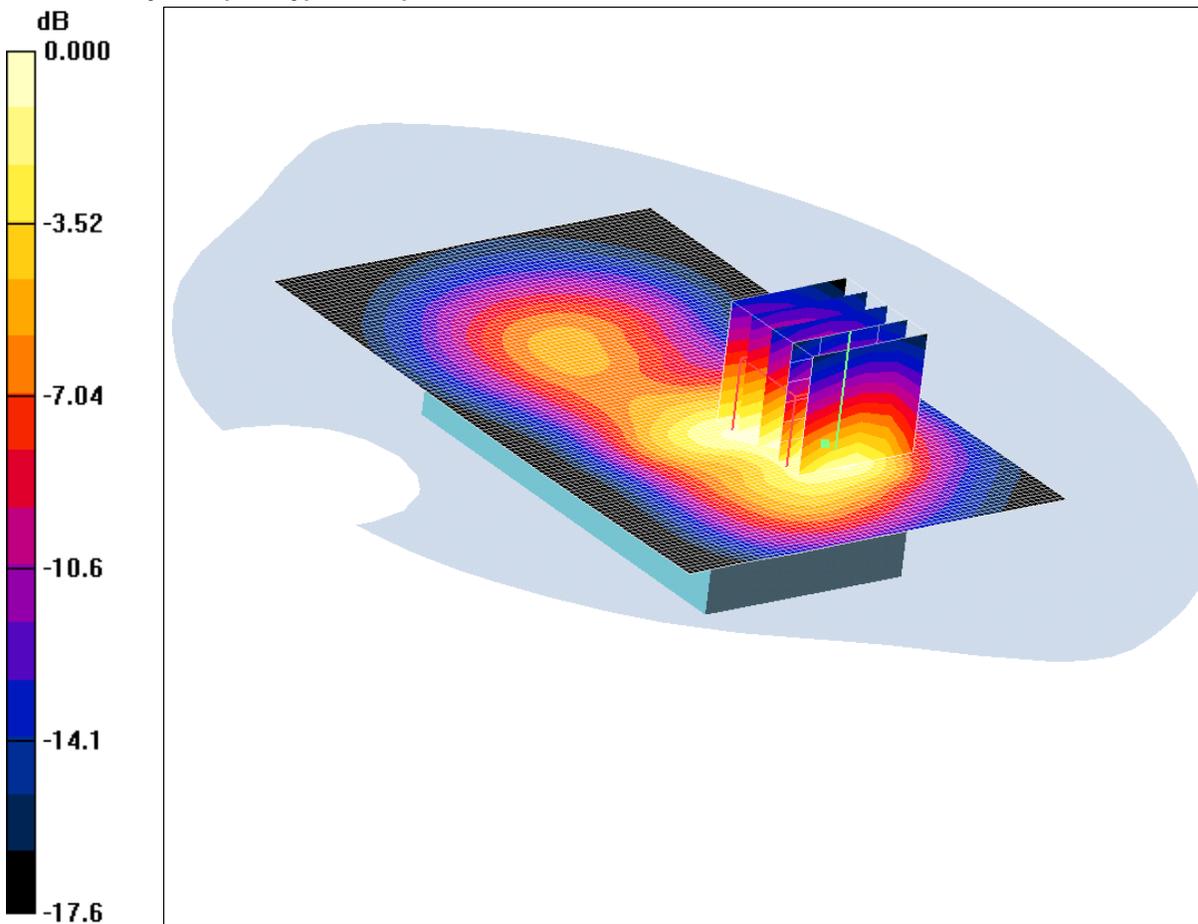Peak SAR (extrapolated) = 0.997 W/kg
SAR(1 g) = 0.605 mW/g; SAR(10 g) = 0.341 mW/g
Maximum value of SAR (measured) = 0.668 mW/g

SCN/87696/059: Rear of EUT Facing Phantom UMTS FDDII CH9538
Date: 26/04/2012
DUT: Sony Kumquat; Type: Kumquat 125; Serial: BX902T0A03

0 dB = 0.667mW/g

Communication System: UMTS-FDD II; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.59 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(4.37, 4.37, 4.37); Calibrated: 18/07/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Rear of EUT Facing Phantom - High/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.723 mW/g
Rear of EUT Facing Phantom - High/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.0 V/m; Power Drift = 0.018 dB
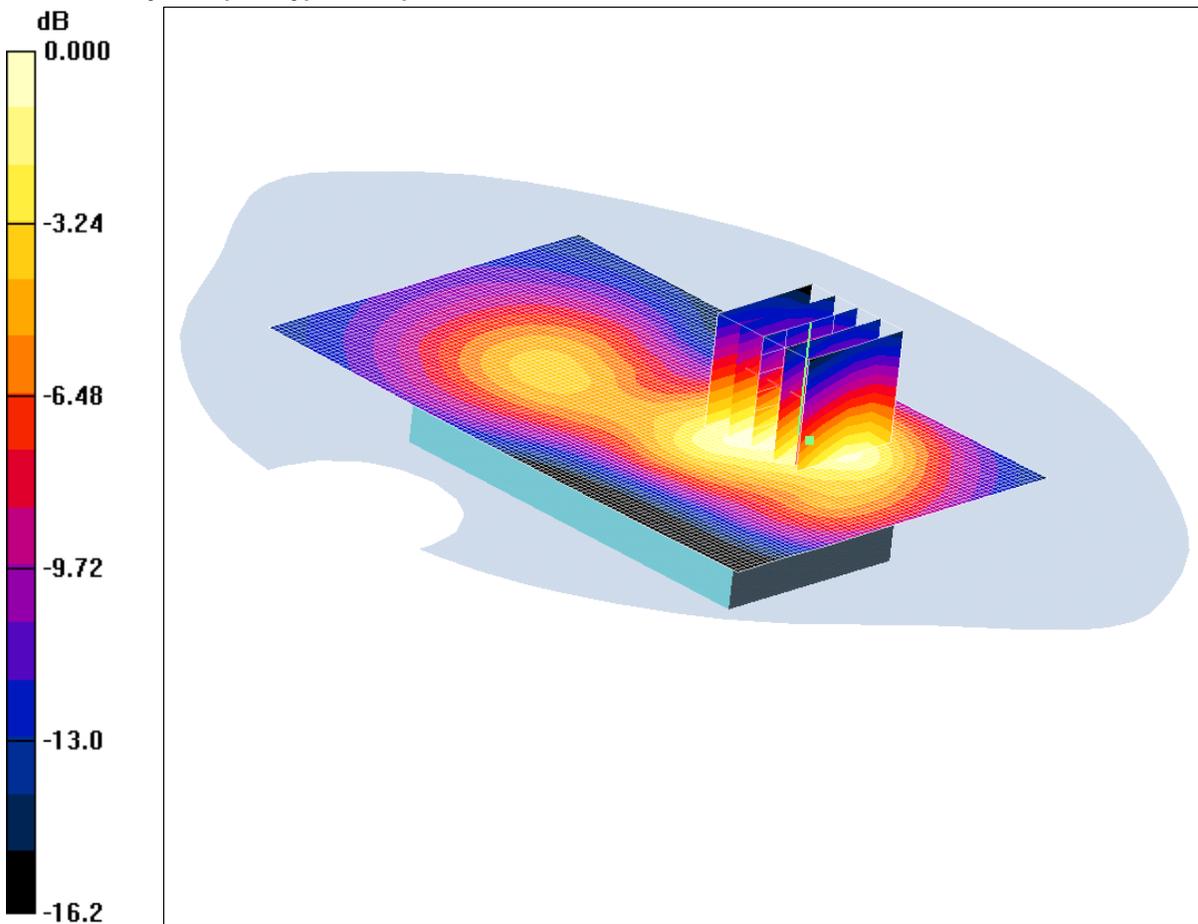Peak SAR (extrapolated) = 1.02 W/kg
SAR(1 g) = 0.620 mW/g; SAR(10 g) = 0.355 mW/g
Maximum value of SAR (measured) = 0.667 mW/g

SCN/87696/060: Rear of EUT Facing Phantom UMTS FDDII (15mm) CH9400
Date: 26/04/2012
DUT: Sony Kumquat; Type: Kumquat 125; Serial: BX902T0A03

0 dB = 0.591mW/g

Communication System: UMTS-FDD II; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1880 MHz; σ = 1.57 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(4.37, 4.37, 4.37); Calibrated: 18/07/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Rear of EUT Facing Phantom - Middle/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.629 mW/g
Rear of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.9 V/m; Power Drift = -0.058 dB
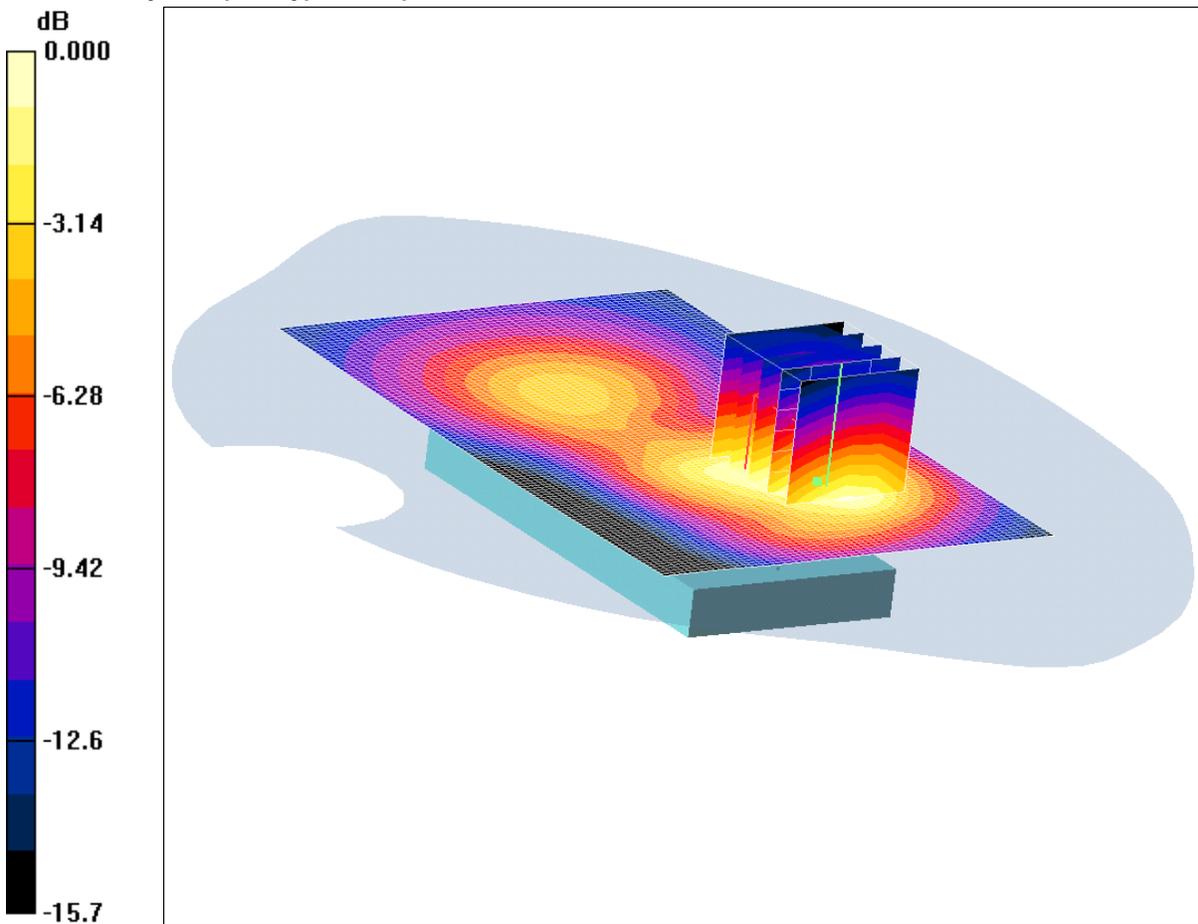Peak SAR (extrapolated) = 0.865 W/kg
SAR(1 g) = 0.546 mW/g; SAR(10 g) = 0.327 mW/g
Maximum value of SAR (measured) = 0.591 mW/g

SCN/87696/061: Rear of EUT Facing Phantom UMTS FDDII (15mm) CH9262
Date: 26/04/2012
DUT: Sony Kumquat; Type: Kumquat 125; Serial: BX902T0A03

0 dB = 0.611mW/g

Communication System: UMTS-FDD II; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.55 mho/m; ε_r = 51.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(4.37, 4.37, 4.37); Calibrated: 18/07/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Rear of EUT Facing Phantom - Low/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.647 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 = 10.3 V/m; Power Drift = 0.007 dB
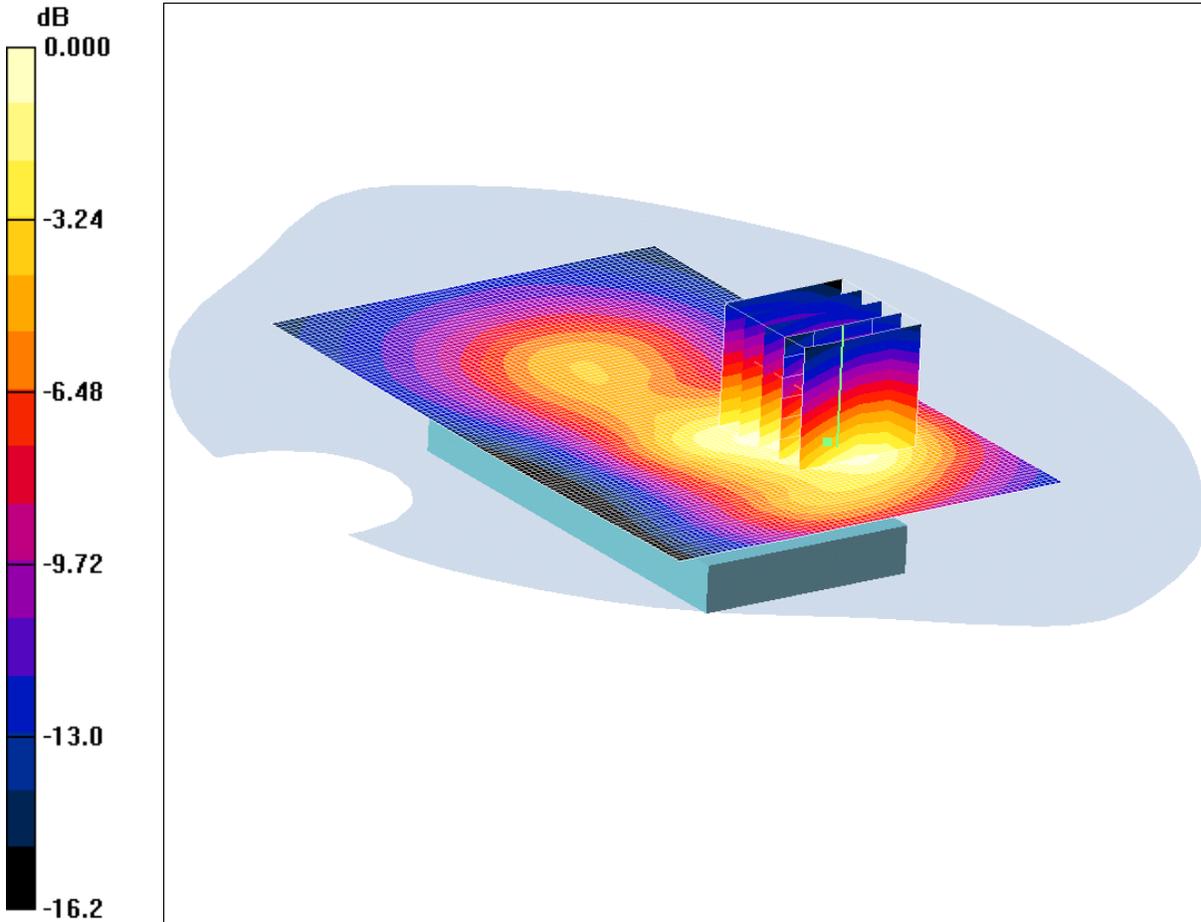Peak SAR (extrapolated) = 0.888 W/kg
SAR(1 g) = 0.569 mW/g; SAR(10 g) = 0.339 mW/g
Maximum value of SAR (measured) = 0.611 mW/g

SCN/87696/062: Rear of EUT Facing Phantom UMTS FDDII (15mm) CH9538
Date: 26/04/2012
DUT: Sony Kumquat; Type: Kumquat 125; Serial: BX902T0A03

0 dB = 0.591mW/g

Communication System: UMTS-FDD II; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.59 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(4.37, 4.37, 4.37); Calibrated: 18/07/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Rear of EUT Facing Phantom - High/Area Scan (71x111x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.621 mW/g
Rear of EUT Facing Phantom - High/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.7 V/m; Power Drift = -0.023 dB
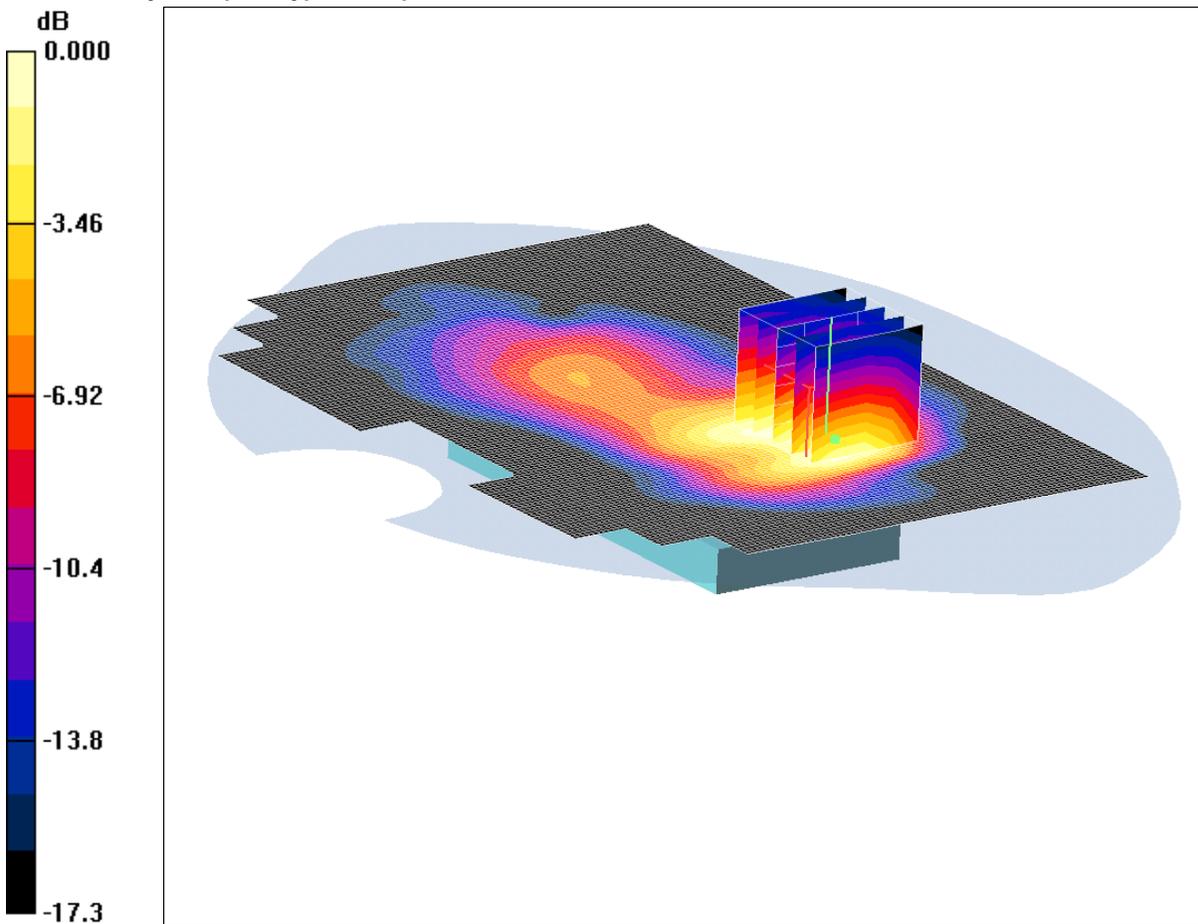Peak SAR (extrapolated) = 0.872 W/kg
SAR(1 g) = 0.547 mW/g; SAR(10 g) = 0.328 mW/g
Maximum value of SAR (measured) = 0.591 mW/g

SCN/87696/063: Rear of EUT Facing Phantom with PHF UMTS FDDII CH9538
Date: 26/04/2012
DUT: Sony Kumquat; Type: Kumquat 125; Serial: BX902T0A03

0 dB = 0.655mW/g

Communication System: UMTS-FDD II; Frequency: 1907.6 MHz;Duty Cycle: 1:1
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1907.6 MHz; σ = 1.59 mho/m; ε_r = 51.6; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(4.37, 4.37, 4.37); Calibrated: 18/07/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 26/01/2012
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- Measurement SW: DASY4, V4.7 Build 55; Postprocessing SW: SEMCAD, V1.8 Build 176
Rear of EUT Facing Phantom with PHF- High/Area Scan (101x141x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.666 mW/g
Rear of EUT Facing Phantom with PHF- High/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 10.2 V/m; Power Drift = -0.032 dB
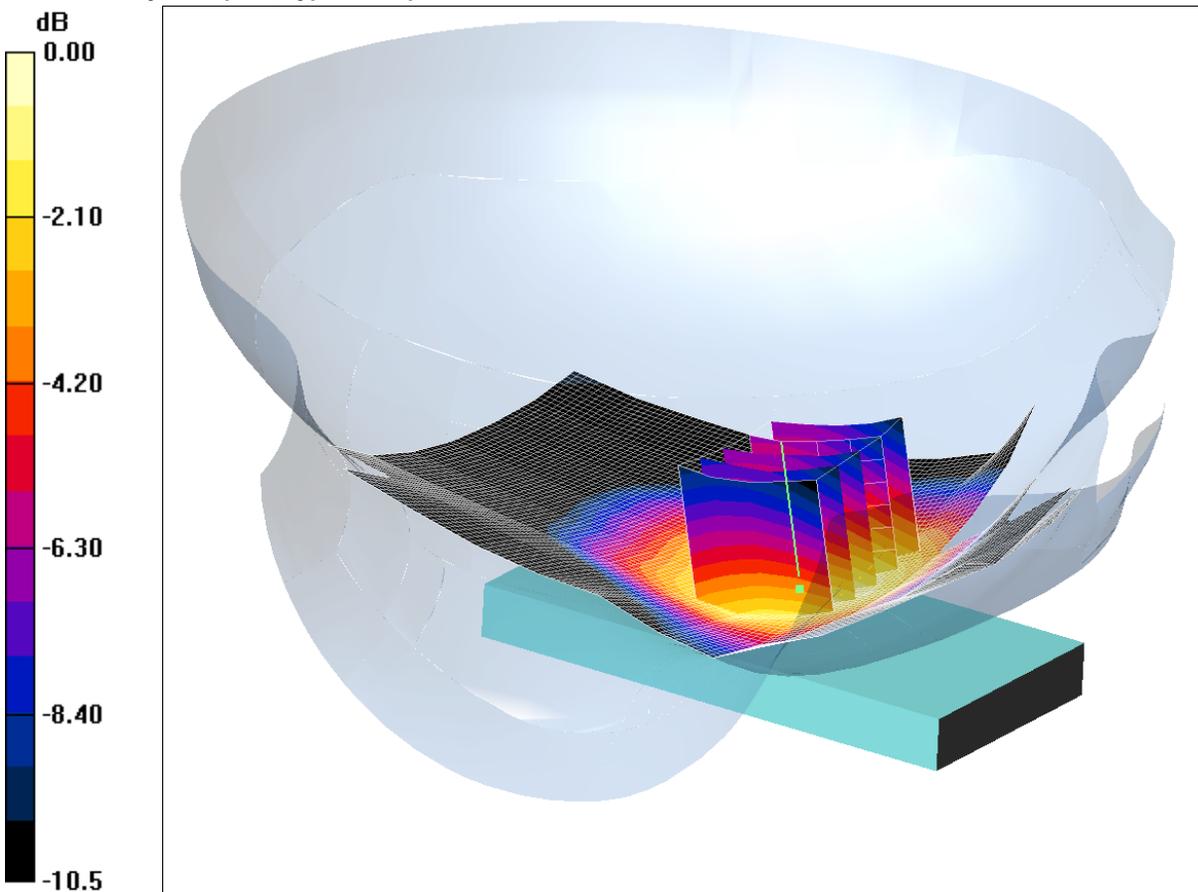Peak SAR (extrapolated) = 0.979 W/kg
SAR(1 g) = 0.599 mW/g; SAR(10 g) = 0.345 mW/g
Maximum value of SAR (measured) = 0.655 mW/g

SCN/87696/064: Touch Left UMTS FDD V CH4183
Date: 24/04/2012
DUT: Sony Kumquat ; Type: Kumquat 125 Serial: BX902T0A3W

0 dB = 1.15mW/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; σ = 0.898 mho/m; $ε_r$ = 43.6; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(5.85, 5.85, 5.85); Calibrated: 18/07/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 05/05/2011
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- 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) = 1.15 mW/g
Touch Left - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.7 V/m; Power Drift = 0.030 dB
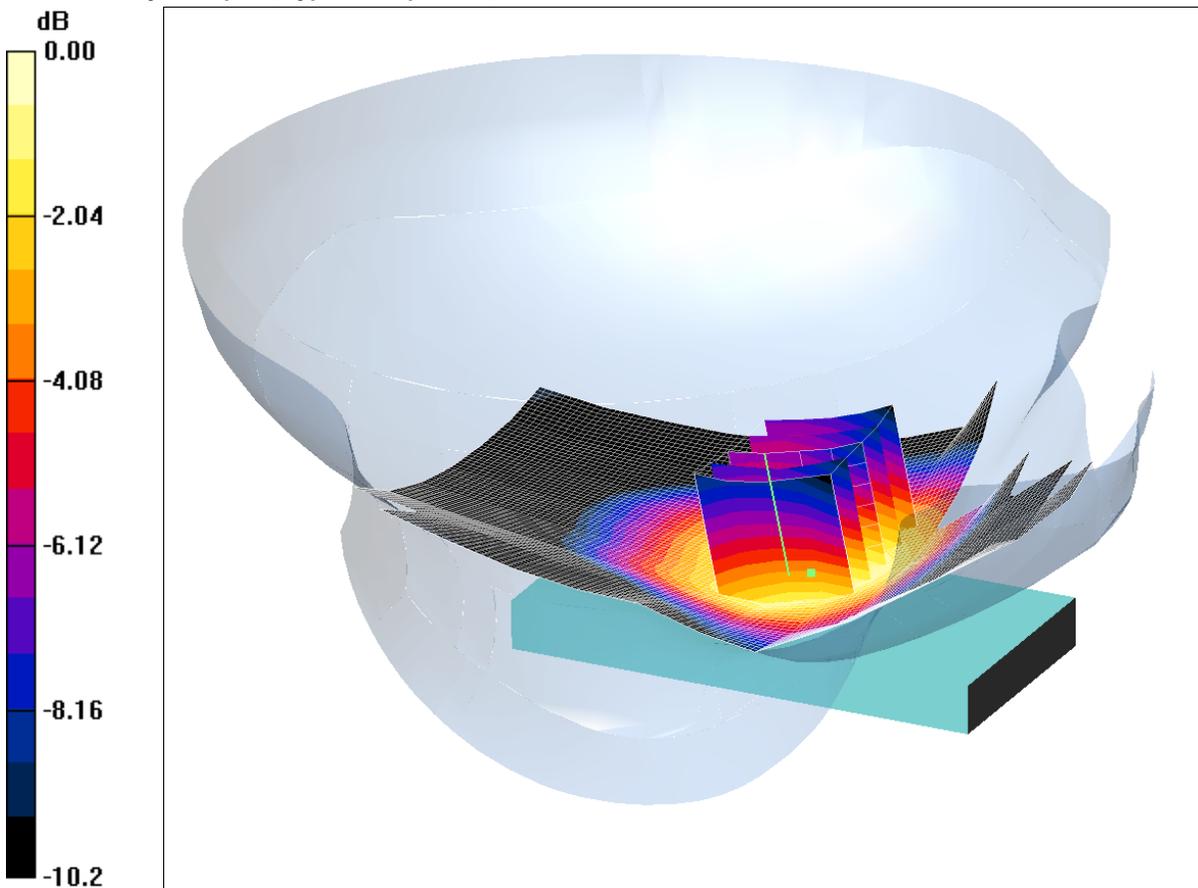Peak SAR (extrapolated) = 1.38 W/kg
SAR(1 g) = 1.1 mW/g; SAR(10 g) = 0.816 mW/g
Maximum value of SAR (measured) = 1.15 mW/g

SCN/87696/065: Touch Left UMTS FDD V CH4132
Date: 24/04/2012
DUT: Sony Kumquat ; Type: Kumquat 125; Serial: BX902T0A3W

0 dB = 0.968mW/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; σ = 0.892 mho/m; $ε_r$ = 43.7; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1528; ConvF(5.85, 5.85, 5.85); Calibrated: 18/07/2011
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 05/05/2011
- Phantom: SAM 12a; Type: SAM 4.0; Serial: TP:1193
- 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) = 0.975 mW/g
Touch Left - Low/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.0 V/m; Power Drift = 0.022 dB
Peak SAR (extrapolated) = 1.18 W/kg
SAR(1 g) = 0.943 mW/g; SAR(10 g) = 0.701 mW/g
Maximum value of SAR (measured) = 0.968 mW/g