APPENDIX 3. SAR DISTRIBUTION SCANS

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

SAR Distribution Scans

Scan Reference Number	Title
001	Touch Left GSM850 DTM Class 9 CH190
002	Tilt Left GSM850 DTM Class 9 CH190
003	Touch Right GSM850 DTM Class 9 CH190
004	Tilt Right GSM850 DTM Class 9 CH190
005	Front of EUT Facing Phantom GPRS850 CH190
006	Back of EUT Facing Phantom GPRS850 CH190
007	Left of EUT Facing Phantom GPRS850 CH190
008	Right of EUT Facing Phantom GPRS850 CH190
009	Bottom of EUT Facing Phantom GPRS850 CH190
010	Front of EUT Facing Phantom DTM Class 9 CH190
011	Back of EUT Facing Phantom DTM Class 9 CH190
012	Touch Left PCS 1900 DTM Class 11 CH661
013	Tilt Left PCS 1900 DTM Class 11 CH661
014	Touch Right PCS 1900 DTM Class 11 CH661
015	Tilt Right PCS 1900 DTM Class 11 CH661
016	Front of EUT Facing Phantom GPRS1900 CH661
017	Back of EUT Facing Phantom GPRS1900 CH661
018	Left Hand Side of EUT Facing Phantom GPRS1900 CH661
019	Right Hand Side of EUT Facing Phantom GPRS1900 CH661
020	Bottom of EUT Facing Phantom GPRS1900 CH661
021	Bottom of EUT Facing Phantom GPRS1900 CH512
022	Bottom of EUT Facing Phantom GPRS1900 CH810
023	Front of EUT Facing Phantom at 15 mm DTM Class 11 CH661
024	Front of EUT Facing Phantom at 15 mm DTM Class 11 CH512
025	Front of EUT Facing Phantom at 15 mm DTM Class 11 CH810
026	Back of EUT Facing Phantom at 15 mm DTM Class 11 CH661
027	Back of EUT Facing Phantom at 15 mm DTM Class 11 CH512
028	Back of EUT Facing Phantom at 15 mm DTM Class 11 CH810
029	Touch Left UMTS FDD5 CH4183
030	Tilt Left UMTS FDD5 CH4183
031	Touch Right UMTS FDD5 CH4183
032	Tilt Right UMTS FDD5 CH4183
033	Front of EUT Facing Phantom UMTS FDD 5 CH4183
034	Back of EUT Facing Phantom UMTS FDD 5 CH4183
035	Left of EUT Facing Phantom UMTS FDD 5 CH4183
036	Right of EUT Facing Phantom UMTS FDD 5 CH4183
037	Bottom of EUT Facing Phantom UMTS FDD 5 CH4183
038	Touch Left Wi-Fi 802.11b 1Mbps CH6
039	Tilt Left Wi-Fi 802.11b 1Mbps CH6
040	Touch Right Wi-Fi 802.11b 1Mbps CH6
041	Tilt Right Wi-Fi 802.11b 1Mbps CH6

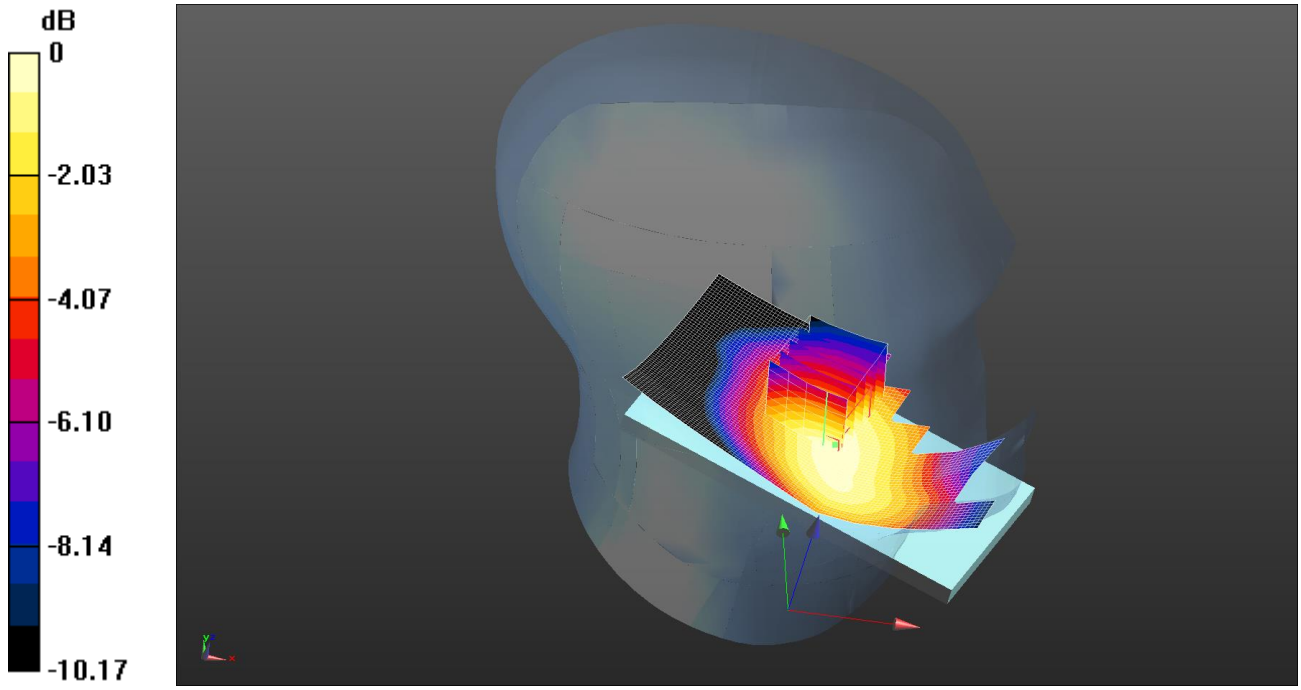
SAR Distribution Scans (Continued):

Scan Reference Number	Title
042	Front Of EUT Facing Phantom Wi-Fi 802.11b 1Mbps CH6
043	Back Of EUT Facing Phantom Wi-Fi 802.11b 1Mbps CH6
044	Left Hand Side Of EUT Facing Phantom Wi-Fi 802.11b 1Mbps CH6
045	Top Hand Side Of EUT Facing Phantom Wi-Fi 802.11b 1Mbps CH6
046	Touch Left WLAN 802.11a 6Mbps CH48
047	Tilt Left WLAN 802.11a 6Mbps CH48
048	Touch Right WLAN 802.11a 6Mbps CH48
049	Tilt Right WLAN 802.11a 6Mbps CH48
050	Touch Right WLAN 802.11a 6Mbps CH52
051	Touch Right WLAN 802.11a 6Mbps CH108
052	Touch Right WLAN 802.11a 6Mbps CH161
053	Touch Right WLAN 802.11a 13.5Mbps CH38
054	Touch Right WLAN 802.11a 13.5Mbps CH54
055	Touch Right WLAN 802.11a 13.5Mbps CH134
056	Touch Right WLAN 802.11a 13.5Mbps CH159
057	Touch Right WLAN 802.11a 29.3Mbps CH42
058	Touch Right WLAN 802.11a 29.3Mbps CH58
059	Touch Right WLAN 802.11a 29.3Mbps CH106
060	Touch Right WLAN 802.11a 29.3Mbps CH155
061	Front Of EUT Facing Phantom Wi-Fi 802.11a 6Mbps CH48
062	Back Of EUT Facing Phantom Wi-Fi 802.11a 6Mbps CH48
063	Left Hand Side Of EUT Facing Phantom Wi-Fi 802.11a 6Mbps CH48
064	Back Of EUT Facing Phantom Wi-Fi 802.11a 6Mbps CH52
065	Back Of EUT Facing Phantom Wi-Fi 802.11a 6Mbps CH108
066	Back Of EUT Facing Phantom Wi-Fi 802.11a 6Mbps CH161
067	Back Of EUT Facing Phantom Wi-Fi 802.11ac HT40 13.5Mbps CH38
068	Back Of EUT Facing Phantom Wi-Fi 802.11ac HT40 13.5Mbps CH54
069	Back Of EUT Facing Phantom Wi-Fi 802.11ac HT40 13.5Mbps CH134
070	Back Of EUT Facing Phantom Wi-Fi 802.11ac HT40 13.5Mbps CH159
071	Back Of EUT Facing Phantom Wi-Fi 802.11ac HT80 29.3Mbps CH42
072	Back Of EUT Facing Phantom Wi-Fi 802.11ac HT80 29.3Mbps CH58
073	Back Of EUT Facing Phantom Wi-Fi 802.11ac HT80 29.3Mbps CH106
074	Back Of EUT Facing Phantom Wi-Fi 802.11ac HT80 29.3Mbps CH155

SAR Distribution Scans (Continued):

Scan Reference Number	Title
075	System Performance Check 900MHz Head 16 06 14 [Site Lab 57]
076	System Performance Check 900MHz Head 16 06 14 [Site Lab 61]
077	System Performance Check 900MHz Body 16 06 14
078	System Performance Check 1900MHz Head 16 06 14
079	System Performance Check 1900MHz Body 16 06 14
080	System Performance Check 2450MHz Head 17 06 14
081	System Performance Check 2450MHz Body 17 06 14
082	System Performance Check 5200 MHz Head 18 06 14
083	System Performance Check 5500 MHz Head 18 06 14
084	System Performance Check 5800 MHz Head 18 06 14
085	System Performance Check 5200 MHz Body 16 06 14
086	System Performance Check 5500 MHz Body 16 06 14
087	System Performance Check 5800 MHz Body 16 06 14

001: Touch Left GSM850 DTM Class 9 CH190
Date: 16/6/14
DUT: Sony; Type: FCC ID: PY7PM-0802

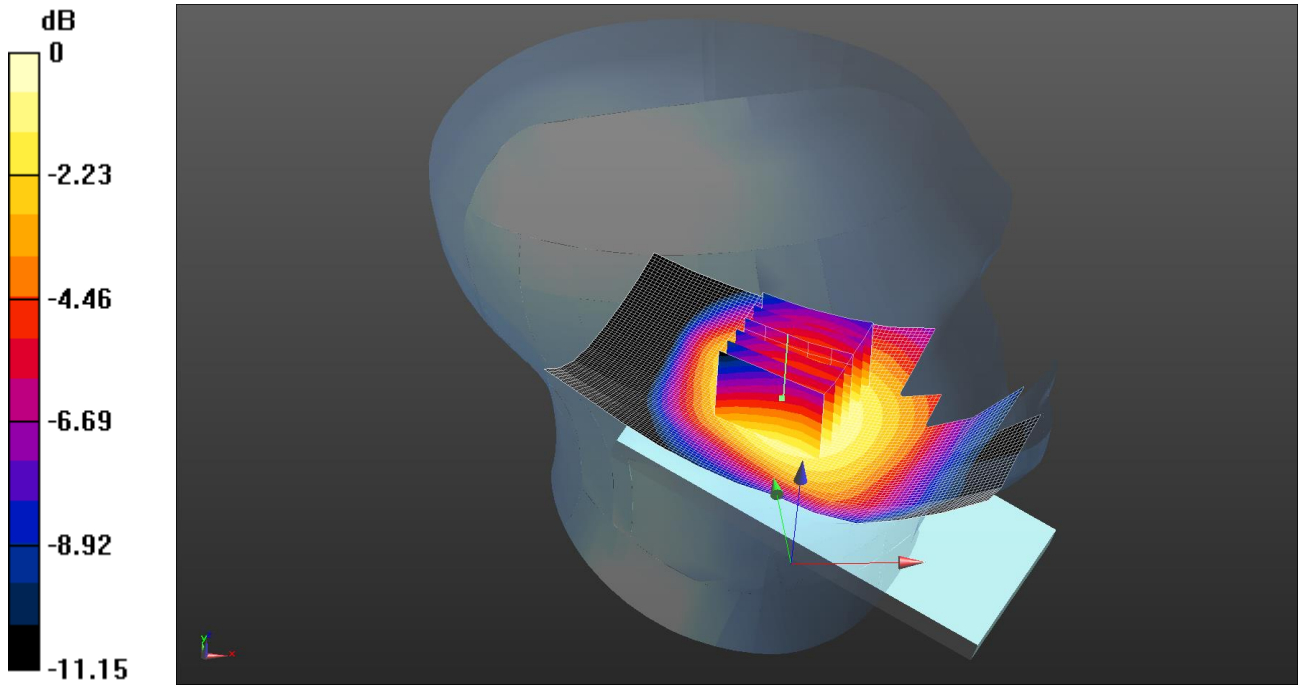


0 dB = 0.470 W/kg = -3.28 dBW/kg

Communication System: UID 0, 850 MHz DTM 9 2TX (0); Frequency: 836.6 MHz;Duty Cycle: 1:4.00037
Medium: 900 MHz HSL Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.925 S/m; ε_r = 40.315; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3995; ConvF(9.99, 9.99, 9.99); Calibrated: 9/5/14;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/4/14
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)
Configuration/Touch Left - Middle 2/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.440 W/kg

Configuration/Touch Left - Middle 2/Zoom Scan (5x5x7) 2 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 11.04 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.543 W/kg
SAR(1 g) = 0.448 W/kg; SAR(10 g) = 0.335 W/kg
Maximum value of SAR (measured) = 0.470 W/kg

002: Tilt Left GSM850 DTM Class 9 CH190
Date: 16/6/14
DUT: Sony; Type: FCC ID: PY7PM-0802

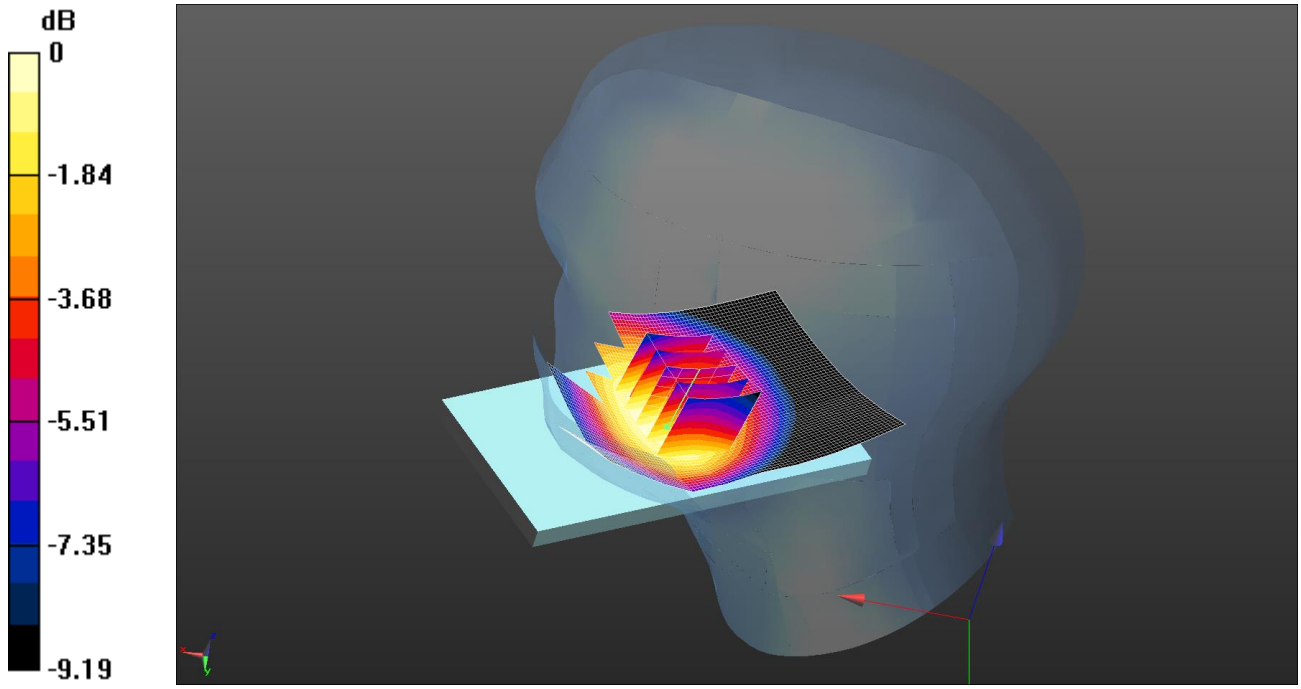


0 dB = 0.269 W/kg = -5.70 dBW/kg

Communication System: UID 0, 850 MHz DTM 9 2TX (0); Frequency: 836.6 MHz;Duty Cycle: 1:4.00037
Medium: 900 MHz HSL Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.925 S/m; ε_r = 40.315; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3995; ConvF(9.99, 9.99, 9.99); Calibrated: 9/5/14;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/4/14
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)
Configuration/Tilt Left - Middle/Area Scan (71x131x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.269 W/kg

Configuration/Tilt Left - Middle/Zoom Scan (5x5x7) (6x6x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.630 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.324 W/kg
SAR(1 g) = 0.257 W/kg; SAR(10 g) = 0.198 W/kg
Maximum value of SAR (measured) = 0.269 W/kg

003: Touch Right GSM850 DTM Class 9 CH190
Date: 16/6/14
DUT: Sony; Type: FCC ID: PY7PM-0802

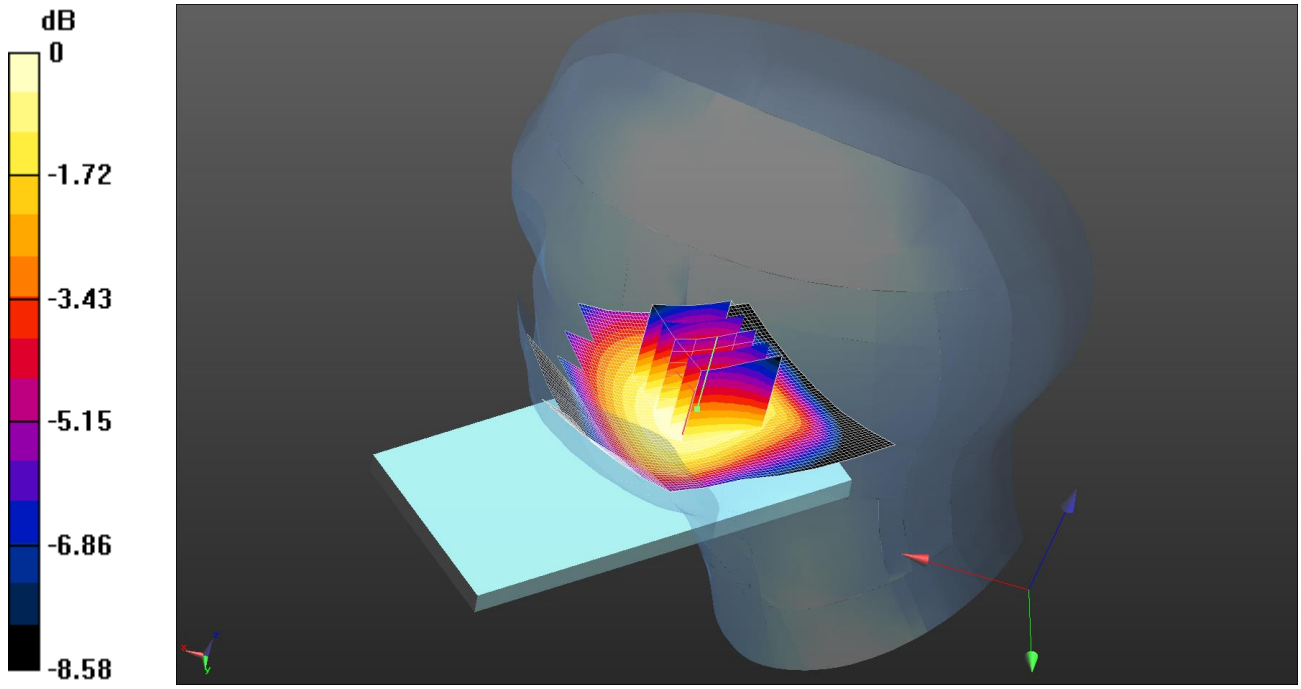


0 dB = 0.546 W/kg = -2.63 dBW/kg

Communication System: UID 0, 850 MHz DTM 9 2TX (0); Frequency: 836.6 MHz;Duty Cycle: 1:4.00037
Medium: 900 MHz HSL Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.925 S/m; ε_r = 40.315; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3995; ConvF(9.99, 9.99, 9.99); Calibrated: 9/5/14;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/4/14
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)
Configuration/Touch Right - Middle/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.555 W/kg

Configuration/Touch Right - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 24.03 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.636 W/kg
SAR(1 g) = 0.527 W/kg; SAR(10 g) = 0.417 W/kg
Maximum value of SAR (measured) = 0.546 W/kg

004: Tilt Right GSM850 DTM Class 9 CH190
Date: 16/6/14
DUT: Sony; Type: FCC ID: PY7PM-0802

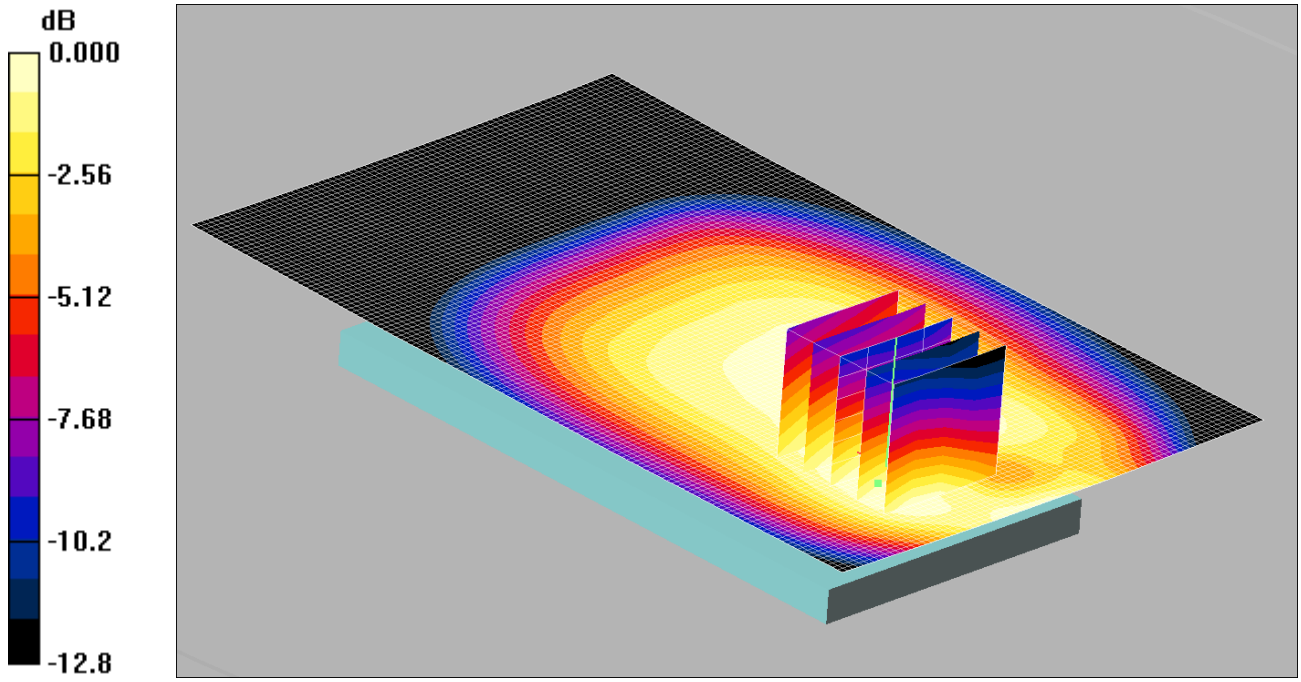


0 dB = 0.281 W/kg = -5.51 dBW/kg

Communication System: UID 0, 850 MHz DTM 9 2TX (0); Frequency: 836.6 MHz;Duty Cycle: 1:4.00037
Medium: 900 MHz HSL Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.925 S/m; ε_r = 40.315; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3995; ConvF(9.99, 9.99, 9.99); Calibrated: 9/5/14;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/4/14
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)
Configuration/Tilt Right - Middle/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.283 W/kg

Configuration/Tilt Right - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 16.68 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.333 W/kg
SAR(1 g) = 0.269 W/kg; SAR(10 g) = 0.212 W/kg
Maximum value of SAR (measured) = 0.281 W/kg

005: Front of EUT Facing Phantom GPRS850 CH190
Date: 17/06/2014
DUT: Sony; Type: FCC ID: PY7PM-0802

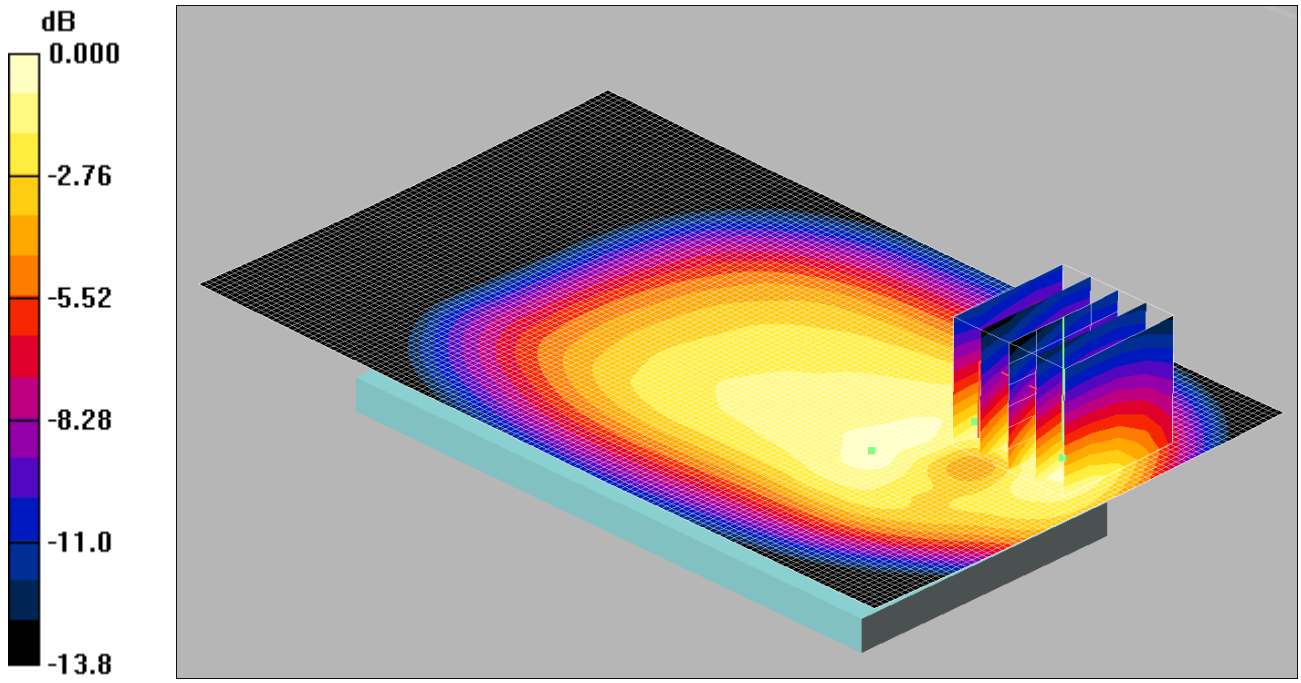


0 dB = 0.522mW/g

Communication System: GPRS 850 MHz 2TX; Frequency: 836.6 MHz;Duty Cycle: 1:4
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.04 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3335; ConvF(6.15, 6.15, 6.15);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 31/10/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Front of EUT Facing Phantom - Middle/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.527 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 = 20.6 V/m; Power Drift = 0.007 dB
Peak SAR (extrapolated) = 0.755 W/kg
SAR(1 g) = 0.492 mW/g; SAR(10 g) = 0.348 mW/g
Maximum value of SAR (measured) = 0.522 mW/g

006: Back of EUT Facing Phantom GPRS850 CH190
Date: 17/06/2014
DUT: Sony; Type: FCC ID: PY7PM-0802

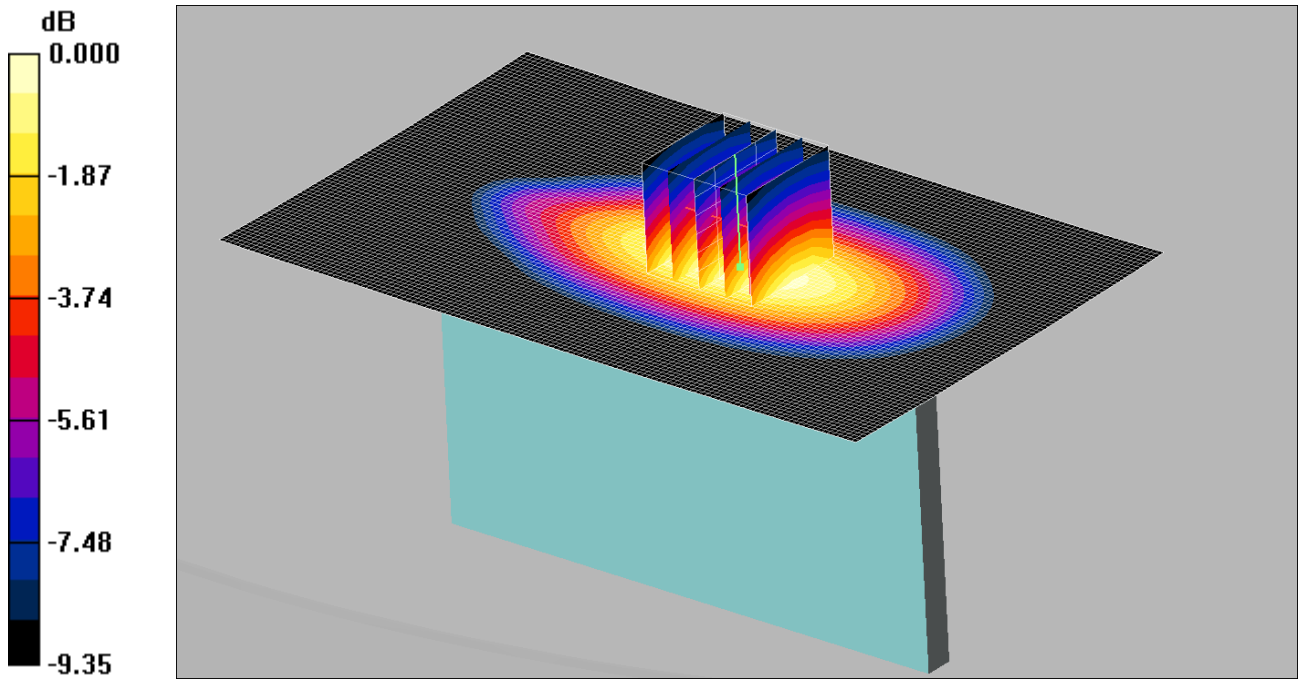


0 dB = 0.677mW/g

Communication System: GPRS 850 MHz 2TX; Frequency: 836.6 MHz;Duty Cycle: 1:4
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.04 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3335; ConvF(6.15, 6.15, 6.15);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 31/10/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Back of EUT Facing Phantom - Middle/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.673 mW/g
Back of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.9 V/m; Power Drift = 0.008 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.614 mW/g; SAR(10 g) = 0.363 mW/g.
Maximum value of SAR (measured) = 0.677 mW/g

007: Left of EUT Facing Phantom GPRS850 CH190
Date: 17/06/2014
DUT: Sony; Type: FCC ID: PY7PM-0802



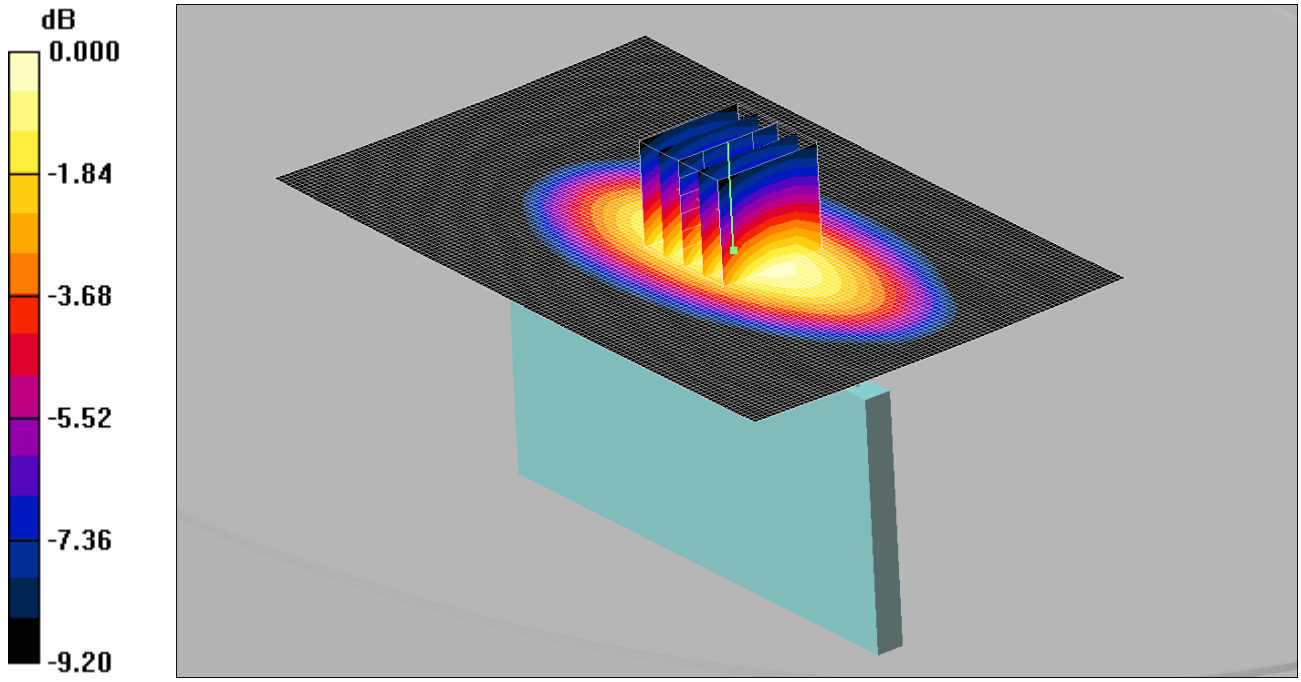
0 dB = 0.349mW/g

Communication System: GPRS 850 MHz 2TX; Frequency: 836.6 MHz;Duty Cycle: 1:4
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.04 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3335; ConvF(6.15, 6.15, 6.15);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 31/10/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Left of EUT Facing Phantom - Middle/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.351 mW/g
Left of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 18.3 V/m; Power Drift = 0.078 dB
Peak SAR (extrapolated) = 0.451 W/kg
SAR(1 g) = 0.325 mW/g; SAR(10 g) = 0.223 mW/g.
Maximum value of SAR (measured) = 0.349 mW/g

008: Right of EUT Facing Phantom GPRS850 CH190
Date: 17/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0802

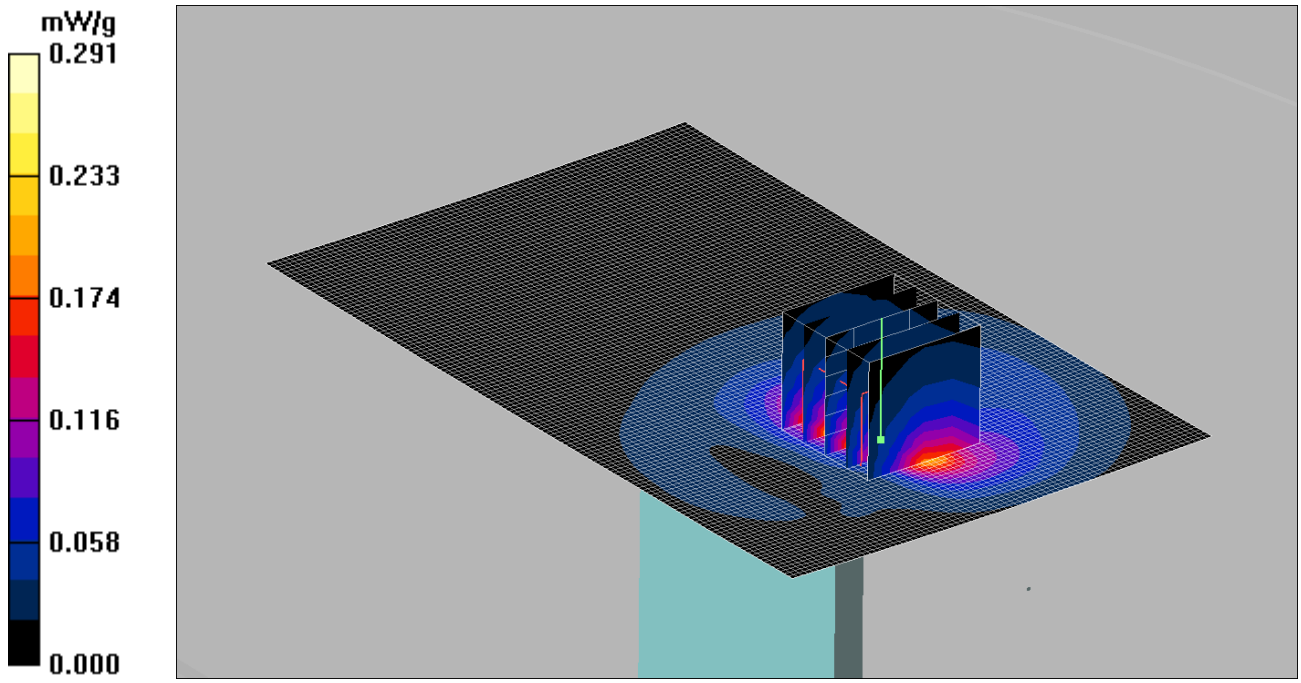


0 dB = 0.658mW/g

Communication System: GPRS 850 MHz 2TX; Frequency: 836.6 MHz;Duty Cycle: 1:4
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.04 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3335; ConvF(6.15, 6.15, 6.15);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 31/10/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Right of EUT Facing Phantom - Middle/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.663 mW/g
Right of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 25.4 V/m; Power Drift = 0.032 dB
Peak SAR (extrapolated) = 0.841 W/kg
SAR(1 g) = 0.612 mW/g; SAR(10 g) = 0.422 mW/g
Maximum value of SAR (measured) = 0.658 mW/g

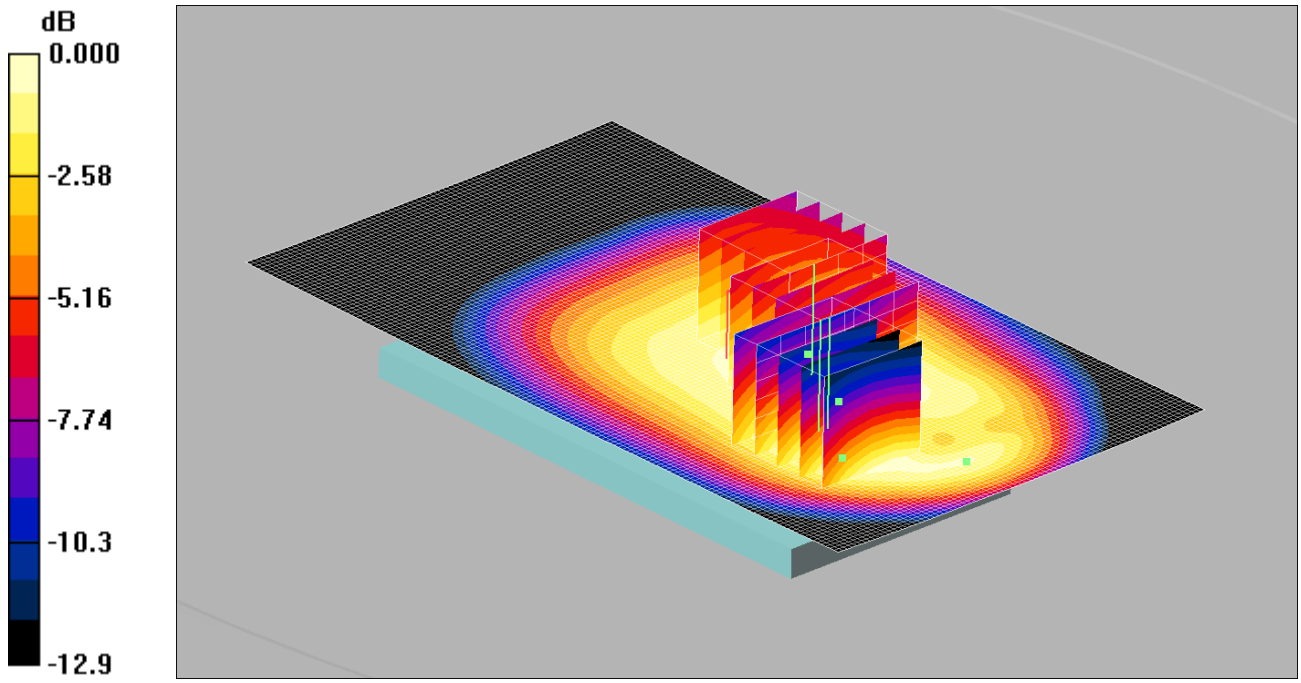
009: Bottom of EUT Facing Phantom GPRS850 CH190
Date: 17/06/2014
DUT: Sony; Type: FCC ID: PY7PM-0802



Communication System: GPRS 850 MHz 2TX; Frequency: 836.6 MHz;Duty Cycle: 1:4
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.04 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3335; ConvF(6.15, 6.15, 6.15);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 31/10/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Bottom of EUT Facing Phantom - Middle/Area Scan (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.293 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 = 17.1 V/m; Power Drift = -0.051 dB
Peak SAR (extrapolated) = 0.451 W/kg
SAR(1 g) = 0.259 mW/g; SAR(10 g) = 0.135 mW/g.
Maximum value of SAR (measured) = 0.291 mW/g

010: Front of EUT Facing Phantom DTM Class 9 CH190
Date: 17/06/2014
DUT: Sony; Type: FCC ID: PY7PM-0802



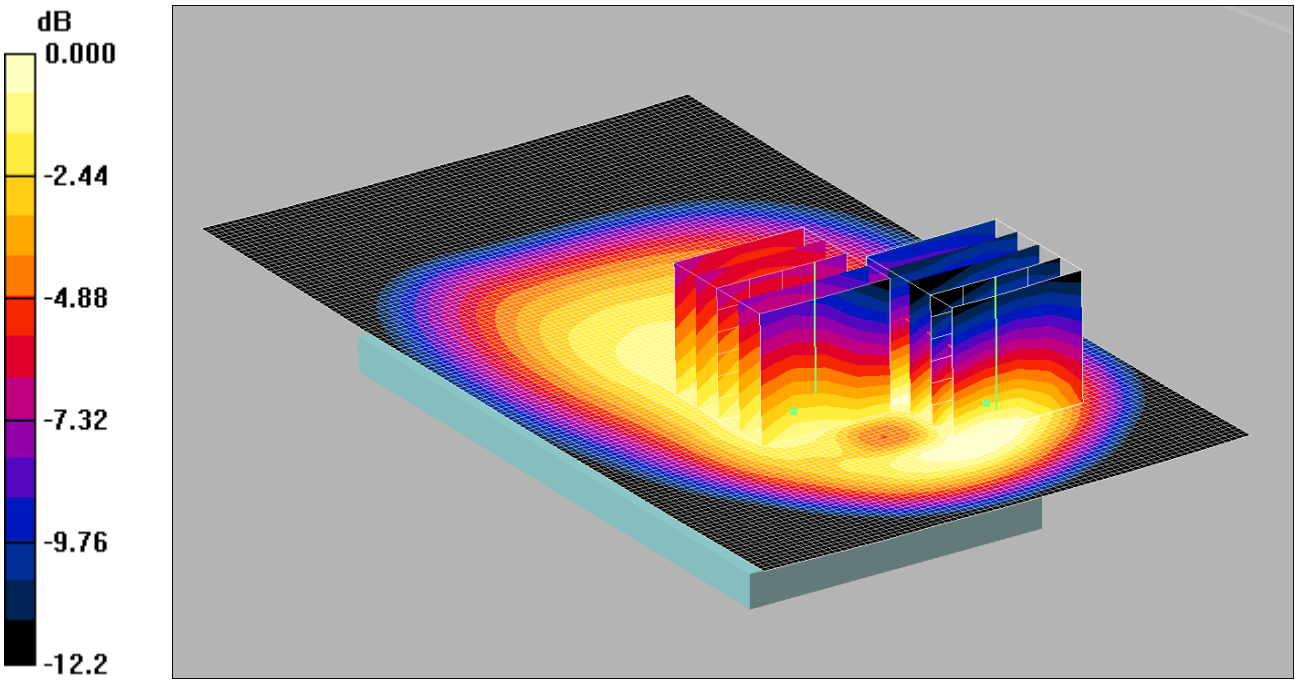
0 dB = 0.594mW/g

Communication System: 850 MHz DTM 9 2TX; Frequency: 836.6 MHz;Duty Cycle: 1:4
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.04 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3335; ConvF(6.15, 6.15, 6.15);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 31/10/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Front of EUT Facing Phantom - Middle 2/Area Scan (81x141x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.570 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 = 22.2 V/m; Power Drift = -0.012 dB
Peak SAR (extrapolated) = 0.752 W/kg
SAR(1 g) = 0.554 mW/g; SAR(10 g) = 0.432 mW/g
Maximum value of SAR (measured) = 0.591 mW/g
Front of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 2: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.2 V/m; Power Drift = -0.012 dB
Peak SAR (extrapolated) = 0.626 W/kg
SAR(1 g) = 0.527 mW/g; SAR(10 g) = 0.420 mW/g
Maximum value of SAR (measured) = 0.553 mW/g
Front of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.2 V/m; Power Drift = -0.012 dB
Peak SAR (extrapolated) = 0.845 W/kg
SAR(1 g) = 0.560 mW/g; SAR(10 g) = 0.376 mW/g.
Maximum value of SAR (measured) = 0.594 mW/g

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

011: Back of EUT Facing Phantom DTM Class 9 CH190
Date:17/06/2014
DUT: Sony; Type: FCC ID: PY7PM-0802



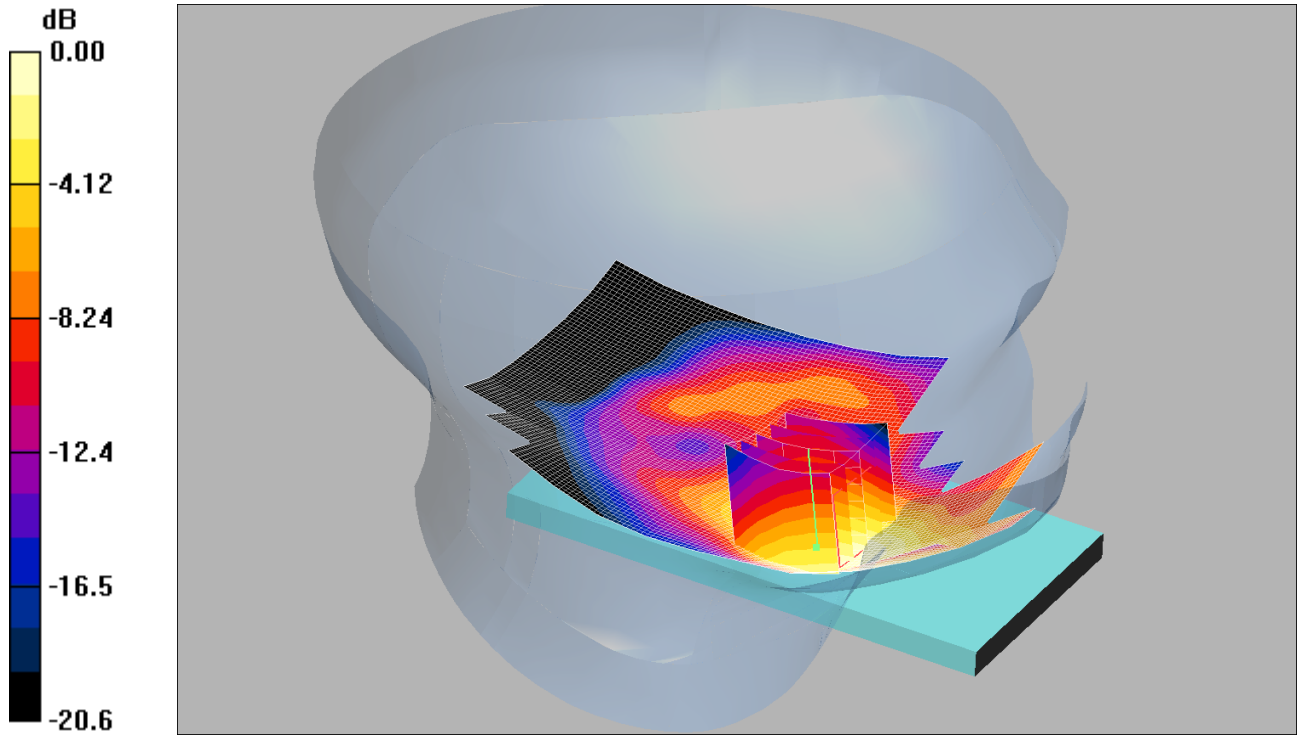
0 dB = 0.641mW/g

Communication System: 850 MHz DTM 9 2TX; Frequency: 836.6 MHz;Duty Cycle: 1:4
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.04 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3335; ConvF(6.15, 6.15, 6.15);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 31/10/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Back of EUT Facing Phantom - Middle 2/Area Scan (81x141x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.723 mW/g
Back of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) 2 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.2 V/m; Power Drift = 0.003 dB
Peak SAR (extrapolated) = 1.13 W/kg
SAR(1 g) = 0.668 mW/g; SAR(10 g) = 0.395 mW/g
Maximum value of SAR (measured) = 0.729 mW/g
Back of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) 2 2 2 (5x5x7)/Cube 1: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.2 V/m; Power Drift = 0.003 dB
Peak SAR (extrapolated) = 0.794 W/kg
SAR(1 g) = 0.614 mW/g; SAR(10 g) = 0.460 mW/g
Maximum value of SAR (measured) = 0.641 mW/g

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

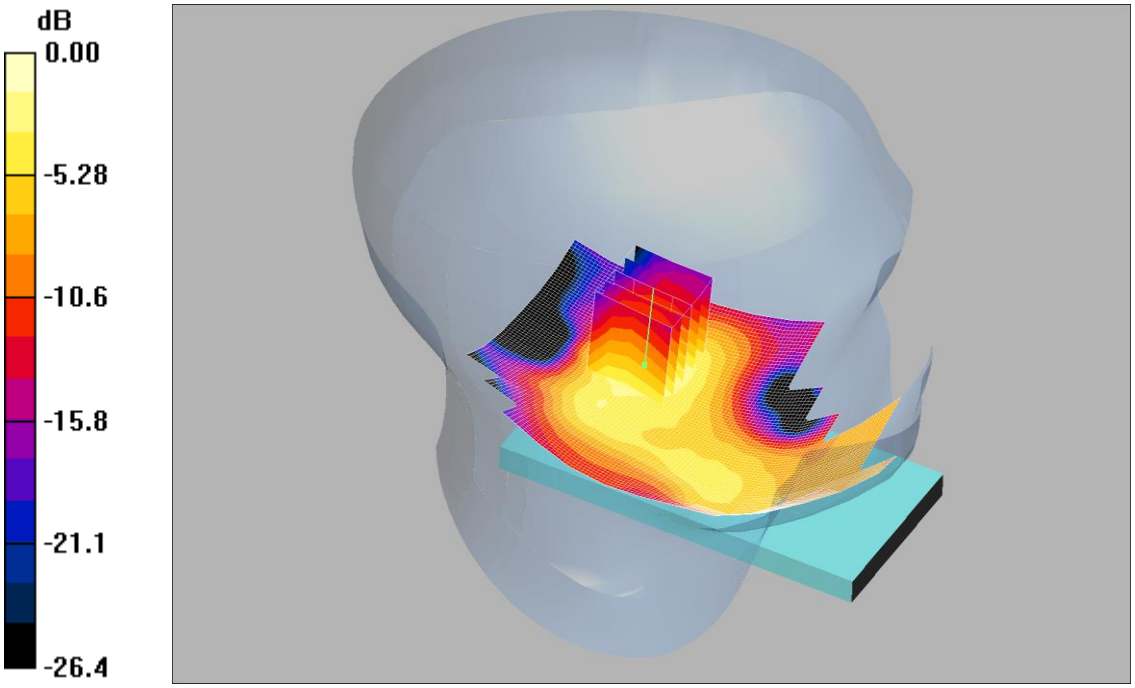
012: Touch Left PCS 1900 DTM Class 11 CH661
Date: 17/06/2014
DUT: Sony; Type: FCC ID: PY7PM-0802



0 dB = 0.261mW/g

Communication System: 1900 MHz DTM 11 3TX; Frequency: 1880 MHz;Duty Cycle: 1:2.67
Medium: 1900 MHz HSL Medium parameters used (interpolated): f = 1880 MHz; σ = 1.44 mho/m; ε_r = 40.3; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3304; ConvF(5.12, 5.12, 5.12);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145
Touch Left - Middle/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.278 mW/g
Touch Left - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.1 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.397 W/kg
SAR(1 g) = 0.261 mW/g; SAR(10 g) = 0.161 mW/g
Maximum value of SAR (measured) = 0.261 mW/g

013: Tilt Left PCS 1900 DTM Class 11 CH661
Date: 17/06/2014
DUT: Sony; Type: FCC ID: PY7PM-0802



0 dB = 0.089mW/g

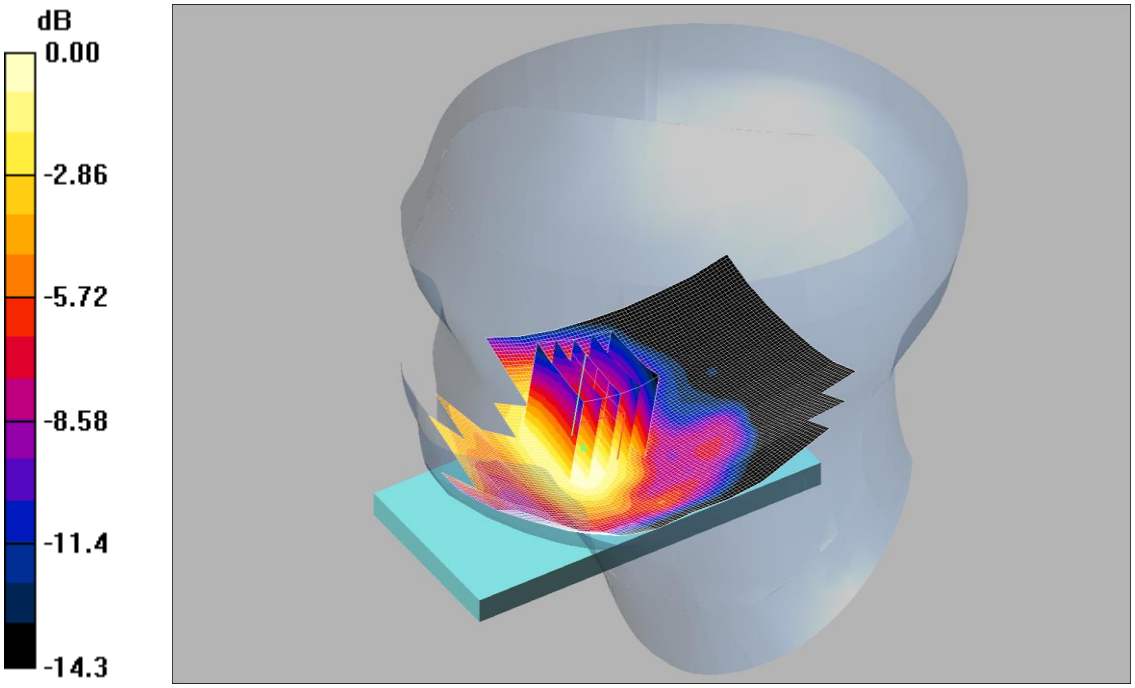
Communication System: 1900 MHz DTM 11 3TX; Frequency: 1880 MHz;Duty Cycle: 1:2.67
Medium: 1900 MHz HSL Medium parameters used (interpolated): f = 1880 MHz; σ = 1.44 mho/m; ε_r = 40.3; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3304; ConvF(5.12, 5.12, 5.12);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Tilt Left - Middle/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.091 mW/g

Tilt Left - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.63 V/m; Power Drift = 0.169 dB
Peak SAR (extrapolated) = 0.144 W/kg
SAR(1 g) = 0.080 mW/g; SAR(10 g) = 0.043 mW/g
Maximum value of SAR (measured) = 0.089 mW/g

Note: SAR level measured is very low as equivalent to noise floor

014: Touch Right PCS 1900 DTM Class 11 CH661
Date: 17/06/2014
DUT: Sony; Type: FCC ID: PY7PM-0802

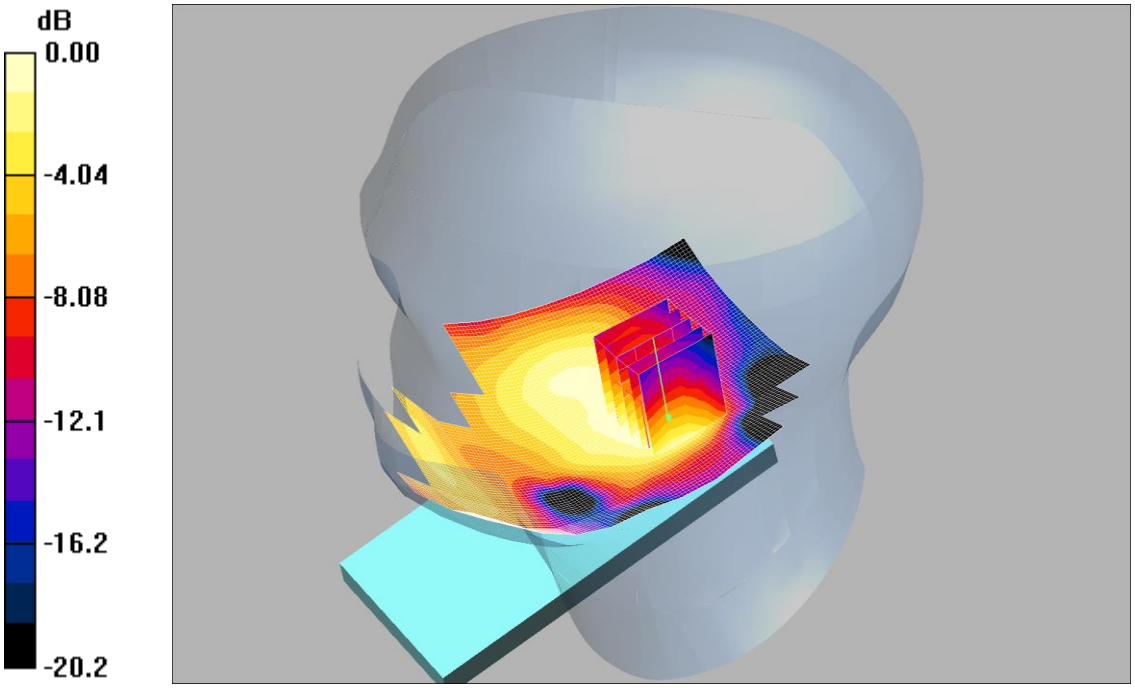


0 dB = 0.140mW/g

Communication System: 1900 MHz DTM 11 3TX; Frequency: 1880 MHz;Duty Cycle: 1:2.67
Medium: 1900 MHz HSL Medium parameters used (interpolated): f = 1880 MHz; σ = 1.44 mho/m; ε_r = 40.3; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3304; ConvF(5.12, 5.12, 5.12);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Touch Right - Middle/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.142 mW/g
Touch Right - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 9.31 V/m; Power Drift = 0.047 dB
Peak SAR (extrapolated) = 0.193 W/kg
SAR(1 g) = 0.131 mW/g; SAR(10 g) = 0.087 mW/g
Maximum value of SAR (measured) = 0.140 mW/g

015: Tilt Right PCS 1900 DTM Class 11 CH661
Date: 17/06/2014
DUT: Sony; Type: FCC ID: PY7PM-0802

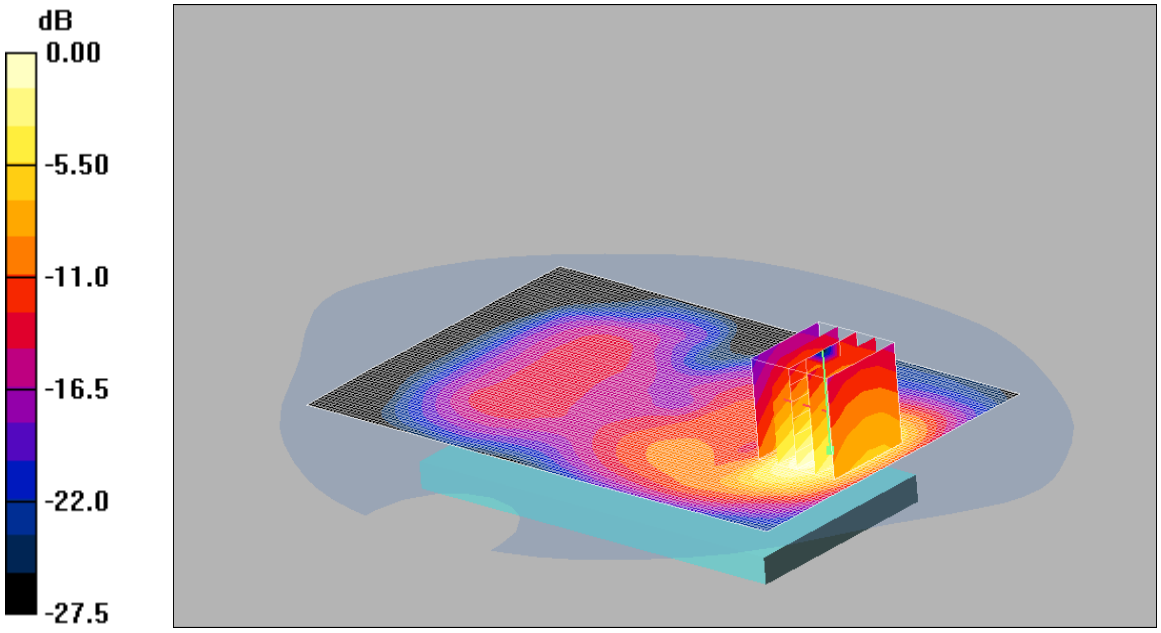


0 dB = 0.053mW/g

Communication System: 1900 MHz DTM 11 3TX; Frequency: 1880 MHz;Duty Cycle: 1:2.67
Medium: 1900 MHz HSL Medium parameters used (interpolated): f = 1880 MHz; σ = 1.44 mho/m; ε_r = 40.3; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3304; ConvF(5.12, 5.12, 5.12);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Tilt Left - Middle/Area Scan (81x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.064 mW/g
Tilt Left - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.98 V/m; Power Drift = 0.066 dB
Peak SAR (extrapolated) = 0.081 W/kg
SAR(1 g) = 0.051 mW/g; SAR(10 g) = 0.031 mW/g
Maximum value of SAR (measured) = 0.053 mW/g

016: Front of EUT Facing Phantom GPRS1900 CH661
Date: 16/06/2014
DUT: Sony; Type: FCC ID: PY7PM-0802

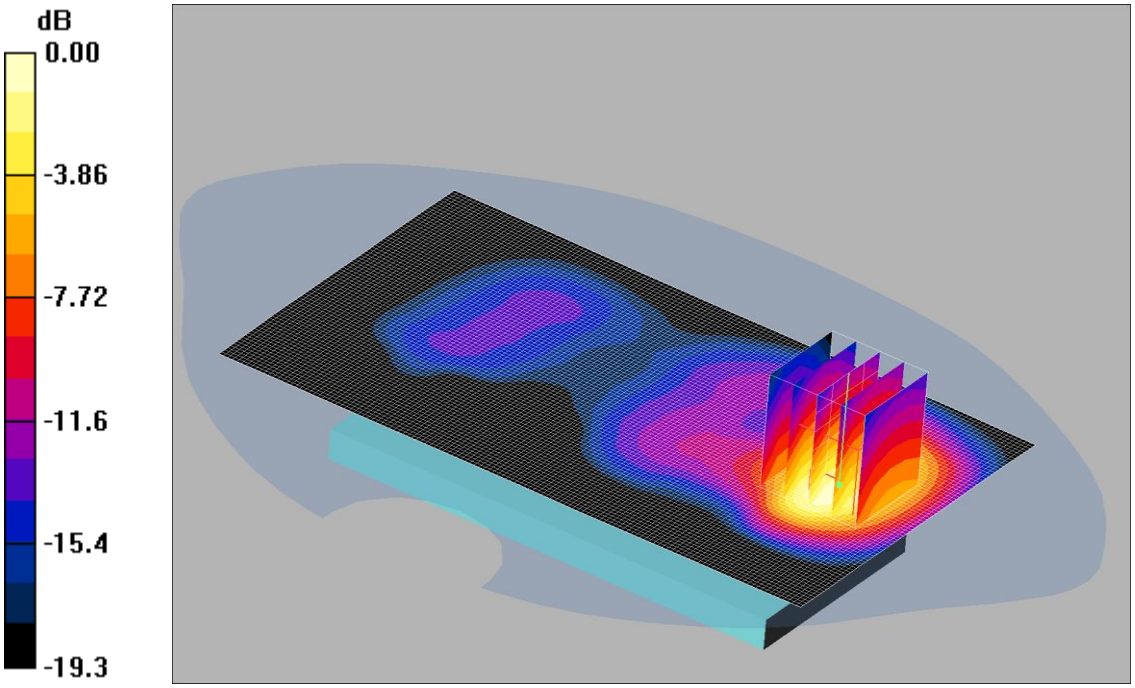


0 dB = 0.617mW/g

Communication System: GPRS 1900 4Tx; Frequency: 1880 MHz;Duty Cycle: 1:2
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1880 MHz; σ = 1.51 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3304; ConvF(4.67, 4.67, 4.67);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Front of EUT Facing Phantom - Middle 2/Area Scan 2 (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.619 mW/g
Front of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.13 V/m; Power Drift = 0.012 dB
Peak SAR (extrapolated) = 0.929 W/kg
SAR(1 g) = 0.546 mW/g; SAR(10 g) = 0.292 mW/g
Maximum value of SAR (measured) = 0.617 mW/g

017: Back of EUT Facing Phantom GPRS1900 CH661
Date: 16/06/2014
DUT: Sony; Type: FCC ID: PY7PM-0802

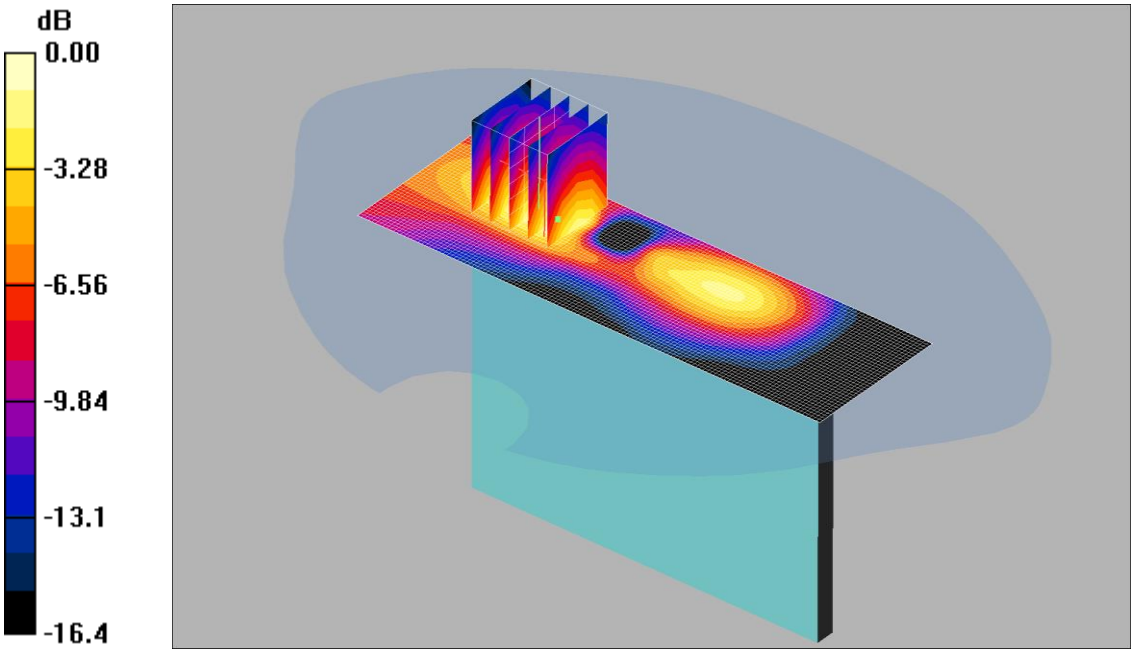


0 dB = 0.544mW/g

Communication System: GPRS 1900 4Tx; Frequency: 1880 MHz;Duty Cycle: 1:2
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1880 MHz; σ = 1.51 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3304; ConvF(4.67, 4.67, 4.67);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Front of EUT Facing Phantom - Middle 2/Area Scan 2 (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.579 mW/g
Front of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) (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) = 0.834 W/kg
SAR(1 g) = 0.491 mW/g; SAR(10 g) = 0.271 mW/g
Maximum value of SAR (measured) = 0.544 mW/g

018: Left Hand Side of EUT Facing Phantom GPRS1900 CH661
Date: 16/06/2014
DUT: Sony; Type: FCC ID: PY7PM-0802

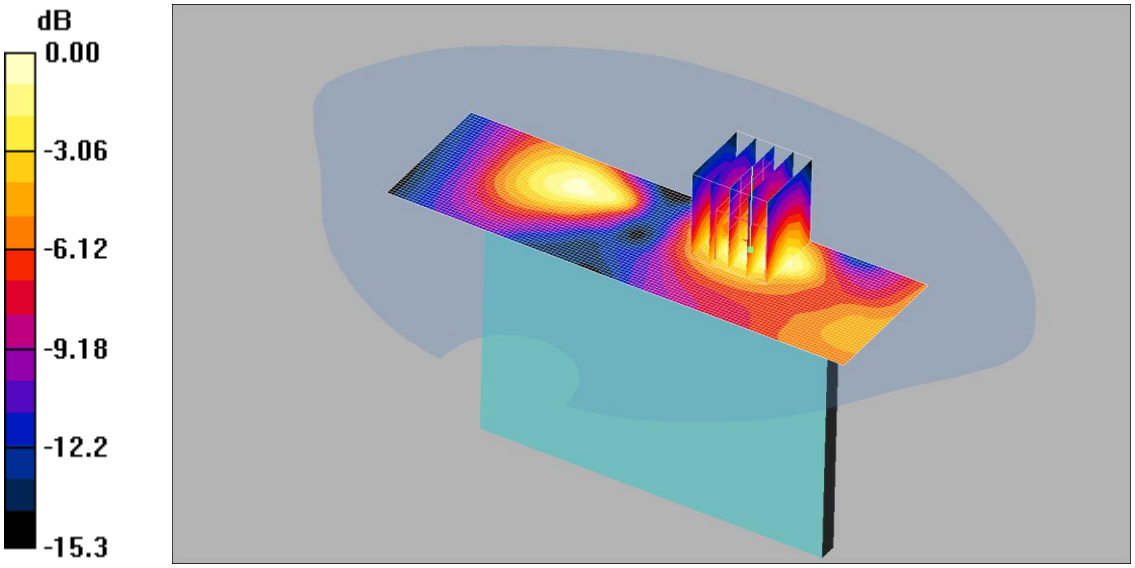


0 dB = 0.110mW/g

Communication System: GPRS 1900 4Tx; Frequency: 1880 MHz;Duty Cycle: 1:2
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1880 MHz; σ = 1.51 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3304; ConvF(4.67, 4.67, 4.67);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Left Hand Side of EUT Facing Phantom - Middle 2/Area Scan 2 (41x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.130 mW/g
Left Hand Side of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.71 V/m; Power Drift = -0.181 dB
Peak SAR (extrapolated) = 0.160 W/kg
SAR(1 g) = 0.100 mW/g; SAR(10 g) = 0.057 mW/g
Maximum value of SAR (measured) = 0.110 mW/g

019: Right Hand Side of EUT Facing Phantom GPRS1900 CH661
Date: 16/06/2014
DUT: Sony; Type: FCC ID: PY7PM-0802

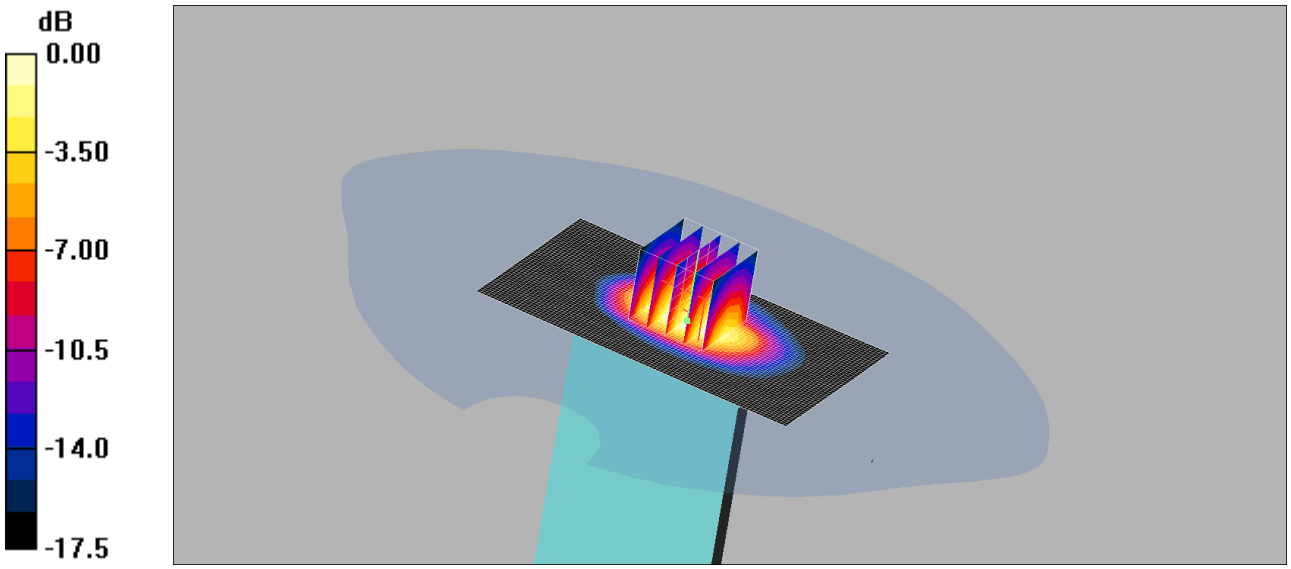


0 dB = 0.040mW/g

Communication System: GPRS 1900 4Tx; Frequency: 1880 MHz;Duty Cycle: 1:2
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1880 MHz; σ = 1.51 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3304; ConvF(4.67, 4.67, 4.67);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Right Hand Side of EUT Facing Phantom - Middle 2/Area Scan 2 (41x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.039 mW/g
Right Hand Side of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.32 V/m; Power Drift = 0.036 dB
Peak SAR (extrapolated) = 0.130 W/kg
SAR(1 g) = 0.038 mW/g; SAR(10 g) = 0.022 mW/g
Maximum value of SAR (measured) = 0.040 mW/g

020: Bottom of EUT Facing Phantom GPRS1900 CH661
Date: 16/06/2014
DUT: Sony; Type: FCC ID: PY7PM-0802

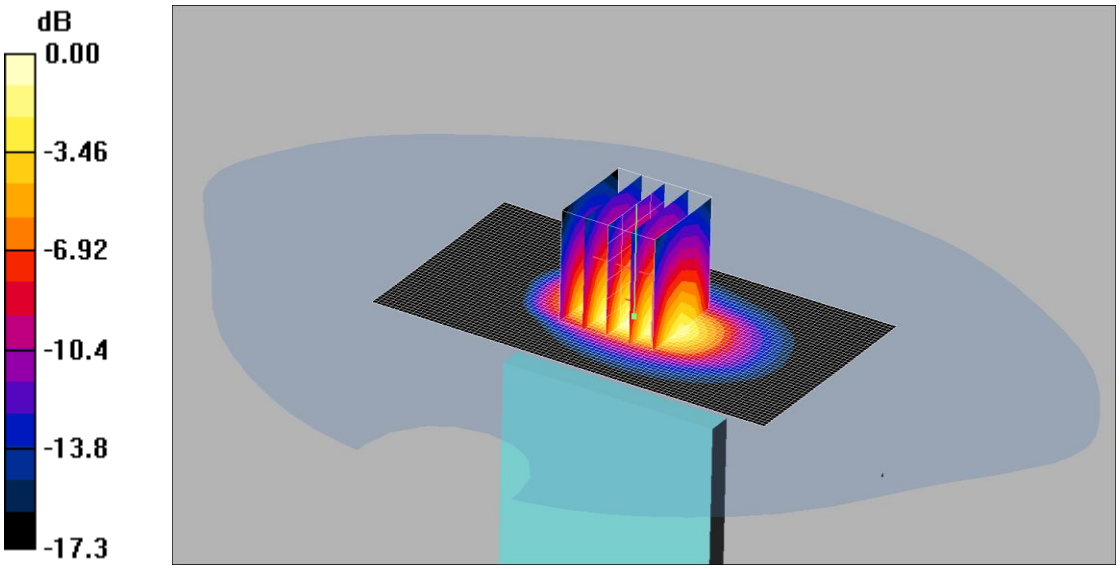


0 dB = 0.879mW/g

Communication System: GPRS 1900 4Tx; Frequency: 1880 MHz;Duty Cycle: 1:2
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1880 MHz; σ = 1.51 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3304; ConvF(4.67, 4.67, 4.67);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Bottom of EUT Facing Phantom - Middle 2/Area Scan 2 (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.01 mW/g
Bottom of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.3 V/m; Power Drift = -0.042 dB
Peak SAR (extrapolated) = 1.35 W/kg
SAR(1 g) = 0.793 mW/g; SAR(10 g) = 0.425 mW/g
Maximum value of SAR (measured) = 0.879 mW/g

021: Bottom of EUT Facing Phantom GPRS1900 CH512
Date: 16/06/2014
DUT: Sony; Type: FCC ID: PY7PM-0802

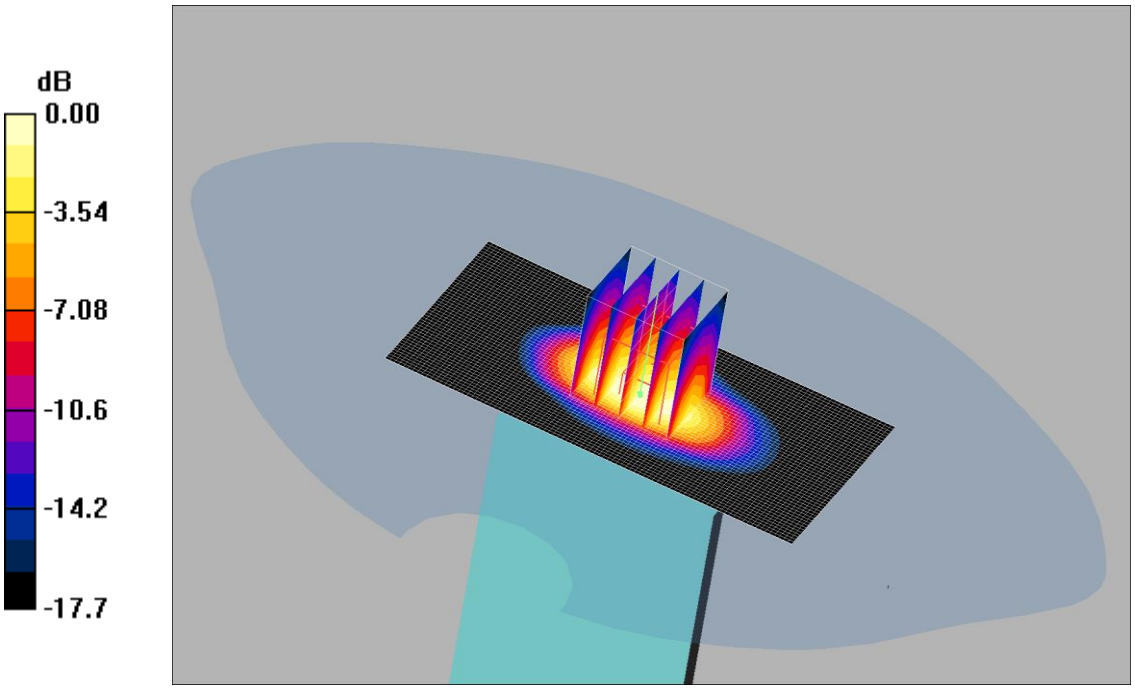


0 dB = 0.715mW/g

Communication System: GPRS 1900 4Tx; Frequency: 1850.2 MHz;Duty Cycle: 1:2
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.49 mho/m; ε_r = 53.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3304; ConvF(4.67, 4.67, 4.67);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Bottom of EUT Facing Phantom - Middle 2/Area Scan 2 (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.893 mW/g
Bottom of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.8 V/m; Power Drift = -0.012 dB
Peak SAR (extrapolated) = 1.08 W/kg
SAR(1 g) = 0.639 mW/g; SAR(10 g) = 0.344 mW/g
Maximum value of SAR (measured) = 0.715 mW/g

022: Bottom of EUT Facing Phantom GPRS1900 CH810
Date: 16/06/2014
DUT: Sony; Type: FCC ID: PY7PM-0802

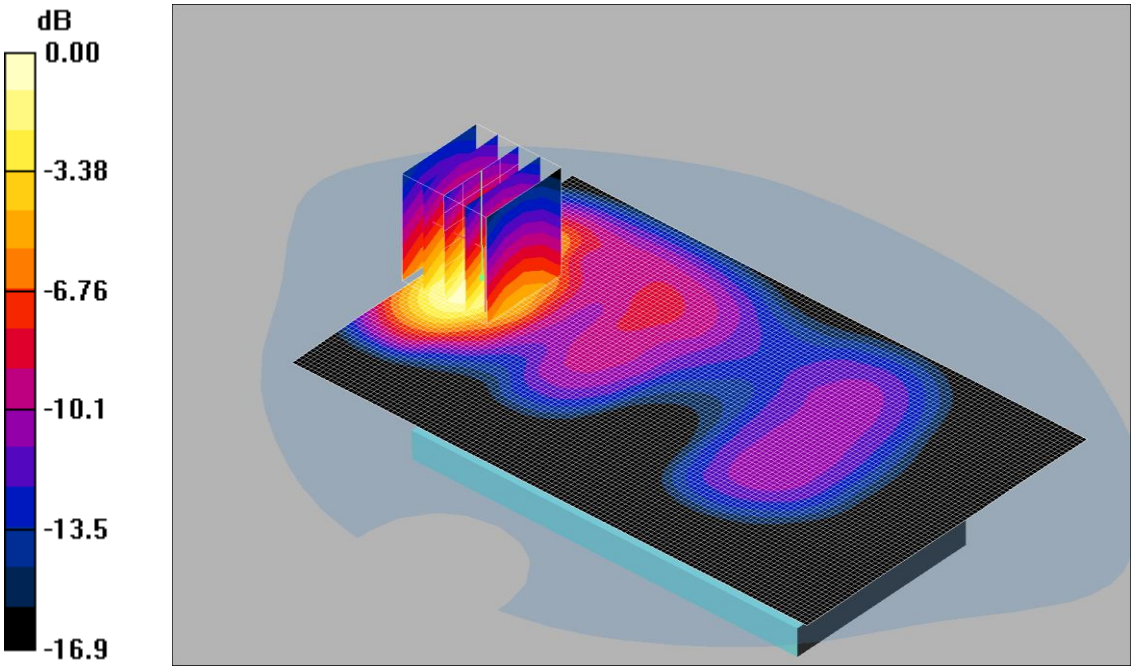


0 dB = 0.976mW/g

Communication System: GPRS 1900 4Tx; Frequency: 1909.8 MHz;Duty Cycle: 1:2
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1909.8 MHz; σ = 1.54 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3304; ConvF(4.67, 4.67, 4.67);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Bottom of EUT Facing Phantom - Middle 2/Area Scan 2 (51x91x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 1.22 mW/g
Bottom of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 15.9 V/m; Power Drift = -0.071 dB
Peak SAR (extrapolated) = 1.50 W/kg
SAR(1 g) = 0.873 mW/g; SAR(10 g) = 0.462 mW/g
Maximum value of SAR (measured) = 0.976 mW/g

023: Front of EUT Facing Phantom at 15 mm DTM Class 11 CH661
Date: 17/06/2014
DUT: Sony; Type: FCC ID: PY7PM-0802



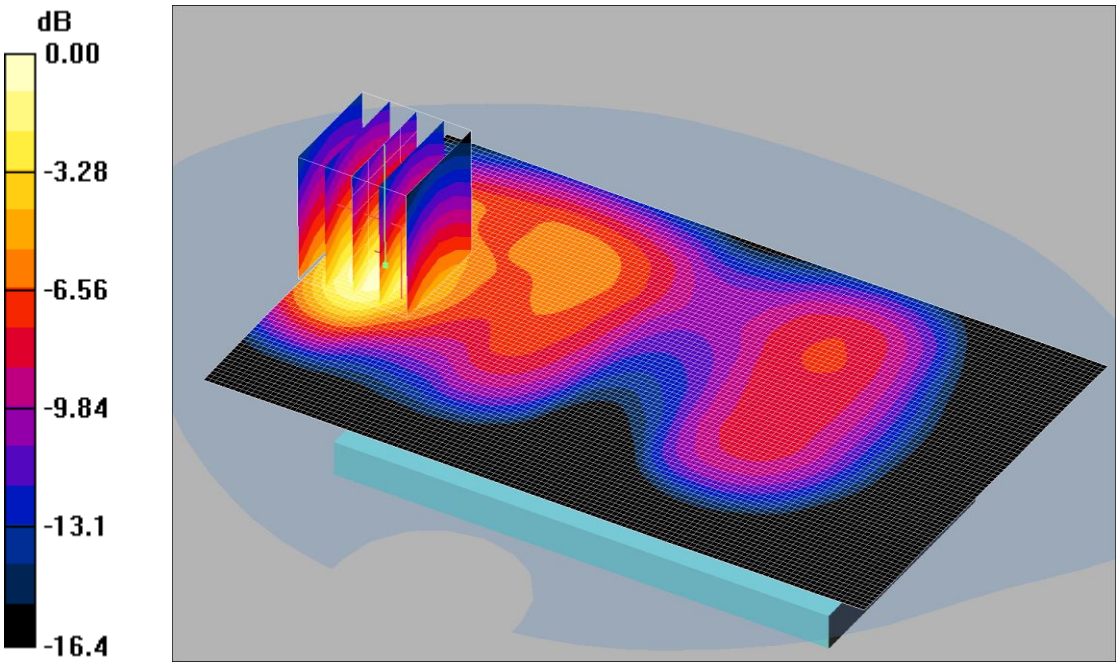
0 dB = 0.710mW/g

Communication System: 1900 MHz DTM 11 3TX; Frequency: 1880 MHz;Duty Cycle: 1:2.67
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1880 MHz; σ = 1.51 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3304; ConvF(4.67, 4.67, 4.67);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Front of EUT Facing Phantom - Middle 2/Area Scan 2 (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.730 mW/g

Front of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.88 V/m; Power Drift = 0.112 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.660 mW/g; SAR(10 g) = 0.378 mW/g
Maximum value of SAR (measured) = 0.710 mW/g

024: Front of EUT Facing Phantom at 15 mm DTM Class 11 CH512
Date: 17/06/2014
DUT: Sony; Type: FCC ID: PY7PM-0802



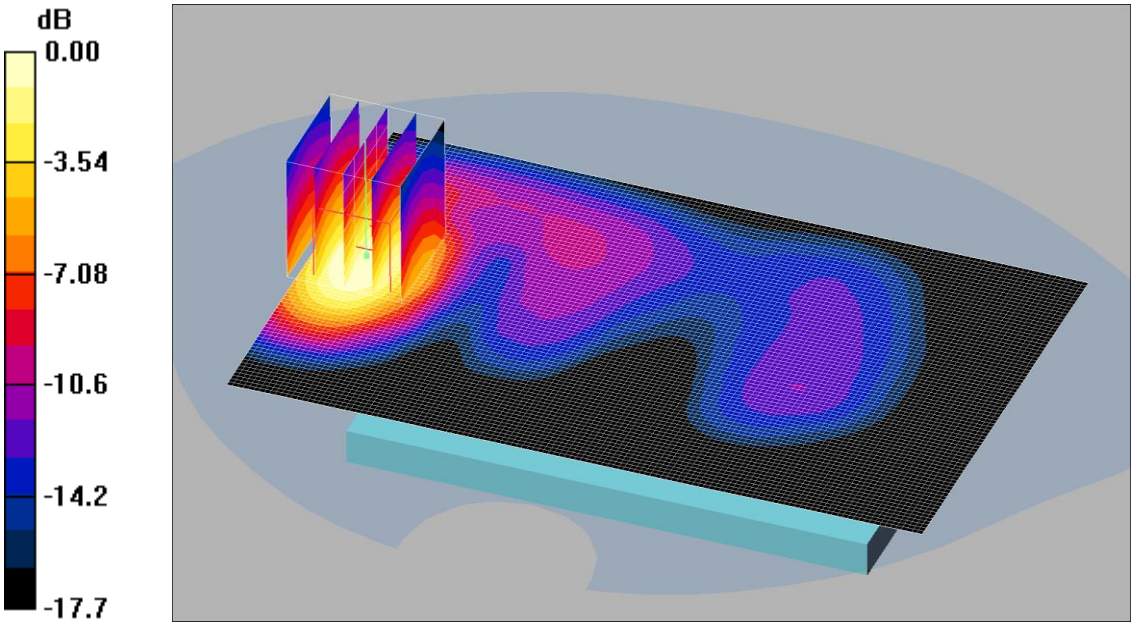
0 dB = 0.570mW/g

Communication System: 1900 MHz DTM 11 3TX; Frequency: 1850.2 MHz;Duty Cycle: 1:2.67
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.49 mho/m; ε_r = 53.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3304; ConvF(4.67, 4.67, 4.67);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Front of EUT Facing Phantom - Low/Area Scan 2 (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.583 mW/g

Front of EUT Facing Phantom - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.38 V/m; Power Drift = 0.054 dB
Peak SAR (extrapolated) = 0.806 W/kg
SAR(1 g) = 0.517 mW/g; SAR(10 g) = 0.301 mW/g
Maximum value of SAR (measured) = 0.570 mW/g

025: Front of EUT Facing Phantom at 15 mm DTM Class 11 CH810
Date: 17/06/2014
DUT: Sony; Type: FCC ID: PY7PM-0802



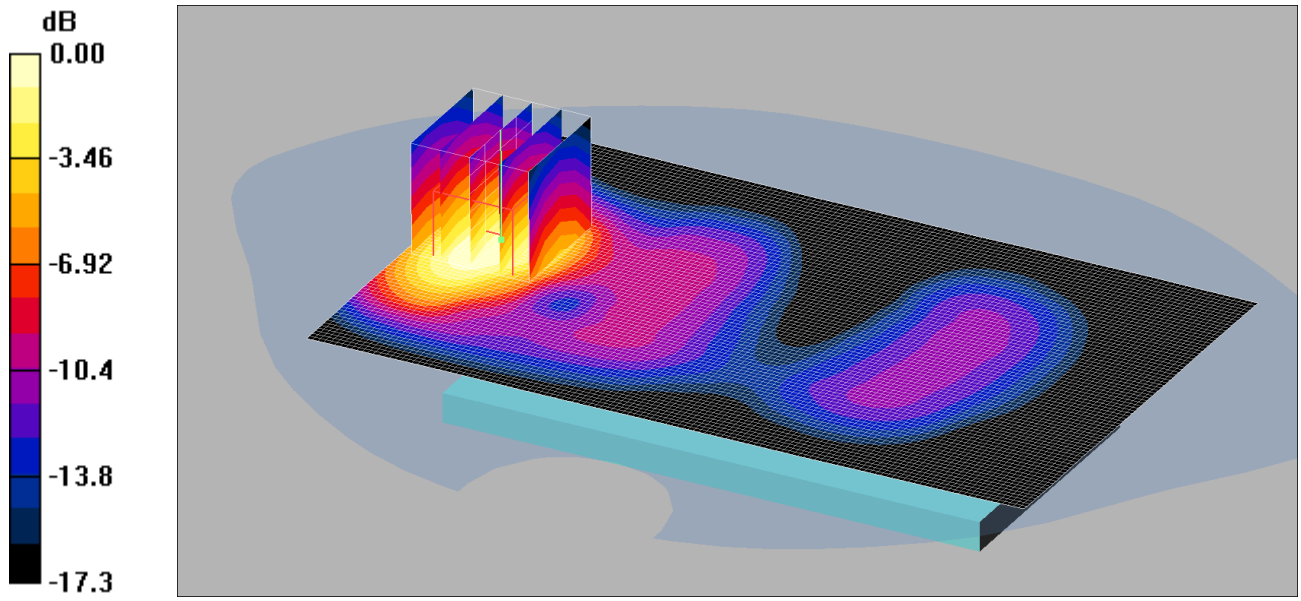
0 dB = 0.708mW/g

Communication System: 1900 MHz DTM 11 3TX; Frequency: 1909.8 MHz;Duty Cycle: 1:2.67
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1909.8 MHz; σ = 1.54 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3304; ConvF(4.67, 4.67, 4.67);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Front of EUT Facing Phantom - High/Area Scan 2 (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.759 mW/g

Front of EUT Facing Phantom - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.80 V/m; Power Drift = 0.022 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.658 mW/g; SAR(10 g) = 0.378 mW/g
Maximum value of SAR (measured) = 0.708 mW/g

026: Back of EUT Facing Phantom at 15 mm DTM Class 11 CH661
Date: 17/06/2014
DUT: Sony; Type: FCC ID: PY7PM-0802



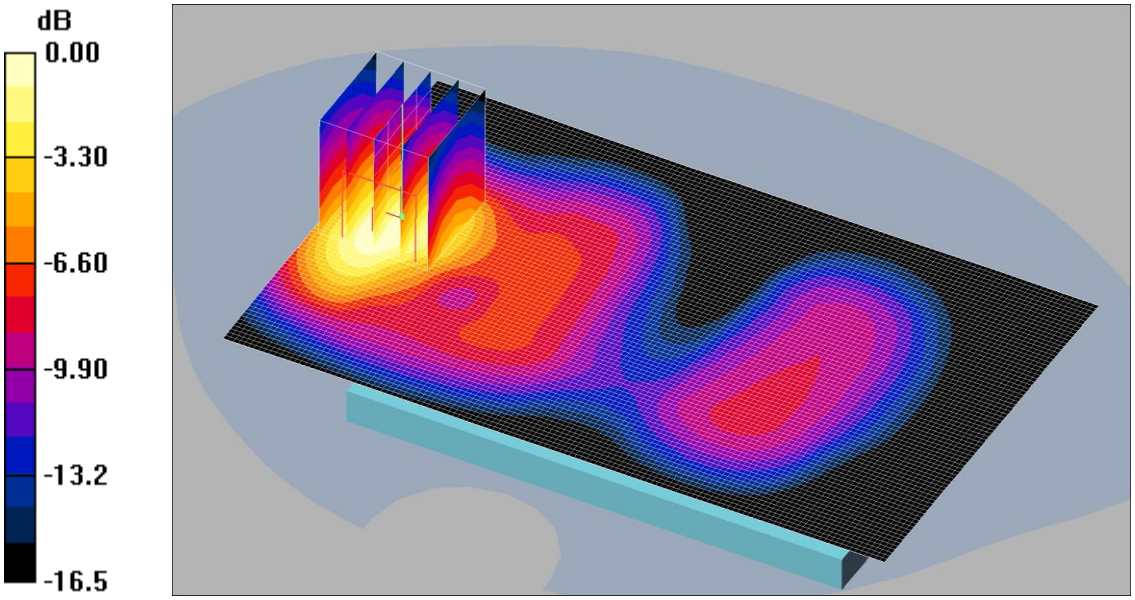
0 dB = 0.765mW/g

Communication System: 1900 MHz DTM 11 3TX; Frequency: 1880 MHz;Duty Cycle: 1:2.67
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1880 MHz; σ = 1.51 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3304; ConvF(4.67, 4.67, 4.67);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom - Middle 2/Area Scan 2 (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.779 mW/g

Back of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.90 V/m; Power Drift = 0.133 dB
Peak SAR (extrapolated) = 1.12 W/kg
SAR(1 g) = 0.705 mW/g; SAR(10 g) = 0.409 mW/g
Maximum value of SAR (measured) = 0.765 mW/g

027: Back of EUT Facing Phantom at 15 mm DTM Class 11 CH512
Date: 17/06/2014
DUT: Sony; Type: FCC ID: PY7PM-0802



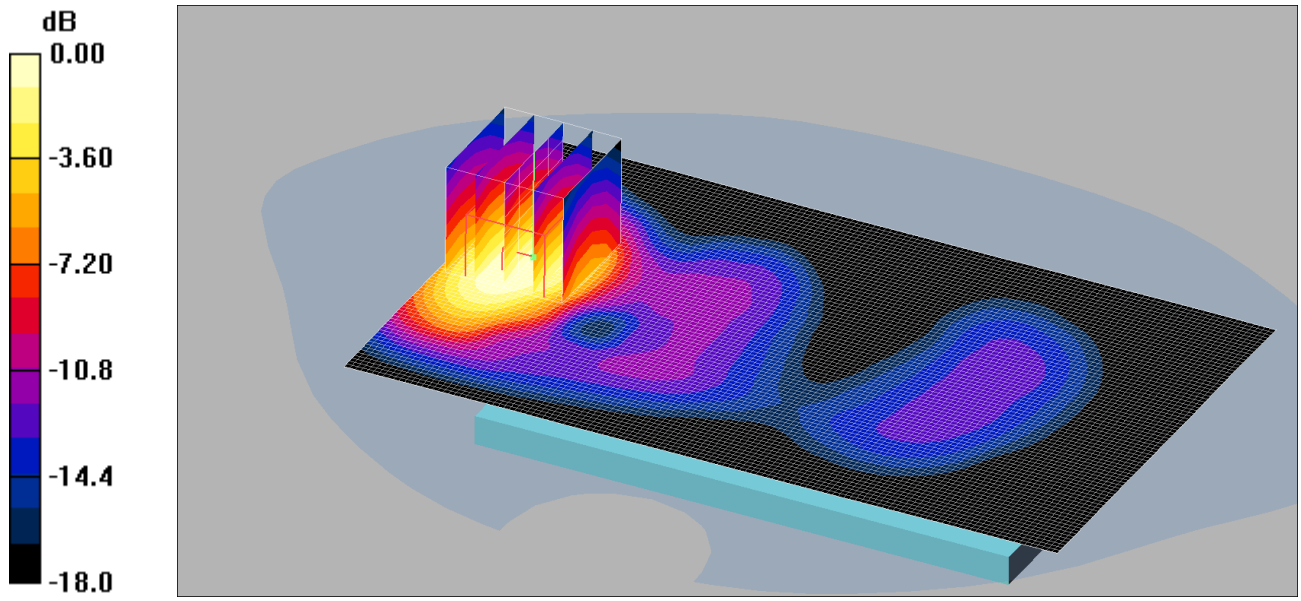
0 dB = 0.629mW/g

Communication System: 1900 MHz DTM 11 3TX; Frequency: 1850.2 MHz;Duty Cycle: 1:2.67
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.49 mho/m; ε_r = 53.2; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3304; ConvF(4.67, 4.67, 4.67);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom - Low/Area Scan 2 (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.637 mW/g

Back of EUT Facing Phantom - Low/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.65 V/m; Power Drift = -0.031 dB
Peak SAR (extrapolated) = 0.885 W/kg
SAR(1 g) = 0.575 mW/g; SAR(10 g) = 0.336 mW/g
Maximum value of SAR (measured) = 0.629 mW/g

028: Back of EUT Facing Phantom at 15 mm DTM Class 11 CH810
Date: 17/06/2014
DUT: Sony; Type: FCC ID: PY7PM-0802



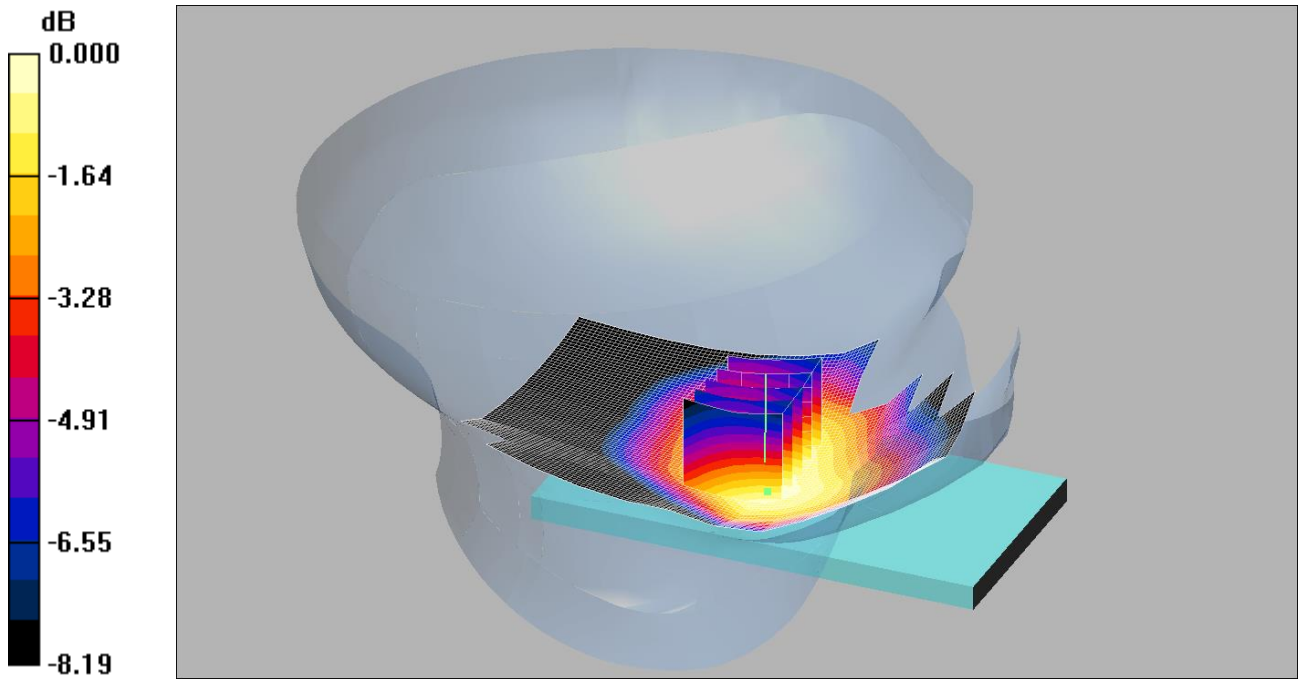
0 dB = 0.791mW/g

Communication System: 1900 MHz DTM 11 3TX; Frequency: 1909.8 MHz;Duty Cycle: 1:2.67
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1909.8 MHz; σ = 1.54 mho/m; ε_r = 53; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3304; ConvF(4.67, 4.67, 4.67);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 28/08/2013
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.5 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 145

Back of EUT Facing Phantom - High/Area Scan 2 (81x131x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.813 mW/g

Back of EUT Facing Phantom - High/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.89 V/m; Power Drift = 0.152 dB
Peak SAR (extrapolated) = 1.18 W/kg
SAR(1 g) = 0.730 mW/g; SAR(10 g) = 0.422 mW/g
Maximum value of SAR (measured) = 0.791 mW/g

029: Touch Left UMTS FDD5 CH4183
Date: 17/06/2014
DUT: Sony; Type: FCC ID: PY7PM-0802

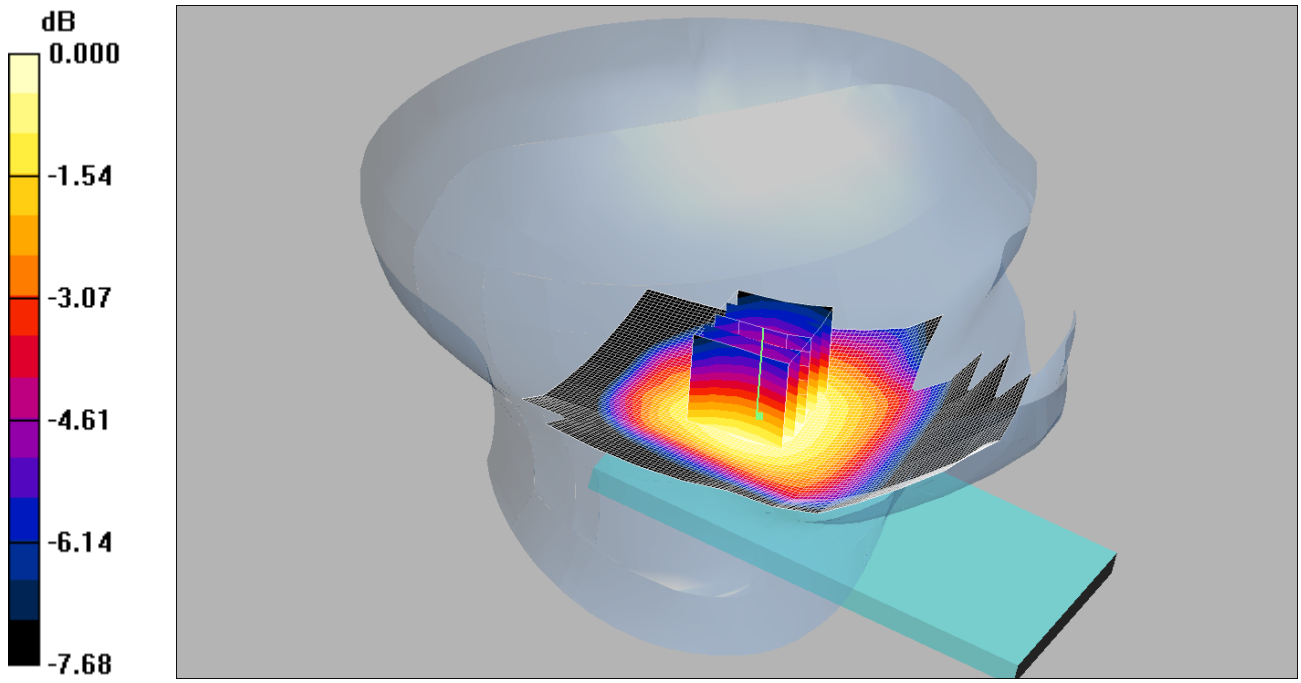


0 dB = 0.387mW/g

Communication System: UMTS-FDD 5; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium: 900 MHz HSL Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.953 mho/m; ε_r = 41; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3335; ConvF(6.13, 6.13, 6.13);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 31/10/2013
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch Left - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.380 mW/g
Touch Left - Middle/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.53 V/m; Power Drift = 0.016 dB
Peak SAR (extrapolated) = 0.454 W/kg
SAR(1 g) = 0.371 mW/g; SAR(10 g) = 0.288 mW/g
Maximum value of SAR (measured) = 0.387 mW/g

030: Tilt Left UMTS FDD5 CH4183
Date: 17/06/2014
DUT: Sony; Type: FCC ID: PY7PM-0802

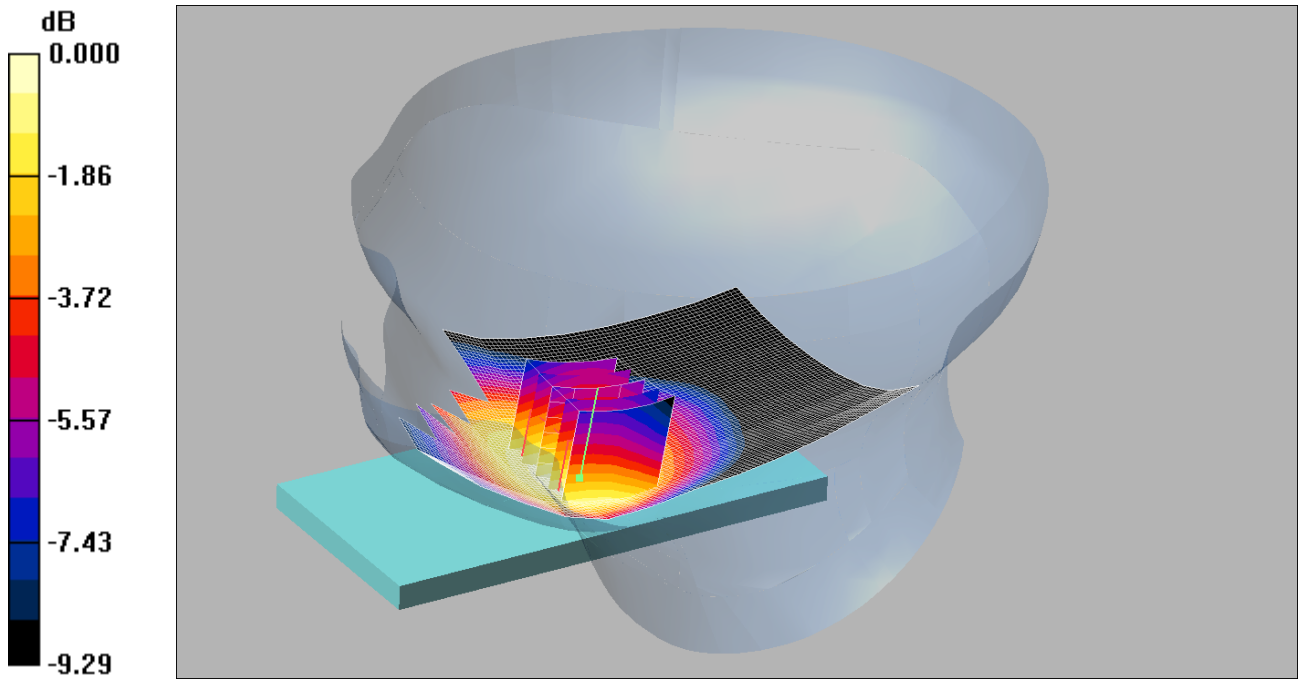


0 dB = 0.237mW/g

Communication System: UMTS-FDD 5; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium: 900 MHz HSL Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.953 mho/m; ε_r = 41; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3335; ConvF(6.13, 6.13, 6.13);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 31/10/2013
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Tilt Left - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.240 mW/g
Tilt Left - Middle/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.5 V/m; Power Drift = 0.076 dB
Peak SAR (extrapolated) = 0.272 W/kg
SAR(1 g) = 0.227 mW/g; SAR(10 g) = 0.178 mW/g
Maximum value of SAR (measured) = 0.237 mW/g

031: Touch Right UMTS FDD5 CH4183
Date: 17/06/2014
DUT: Sony; Type: FCC ID: PY7PM-0802

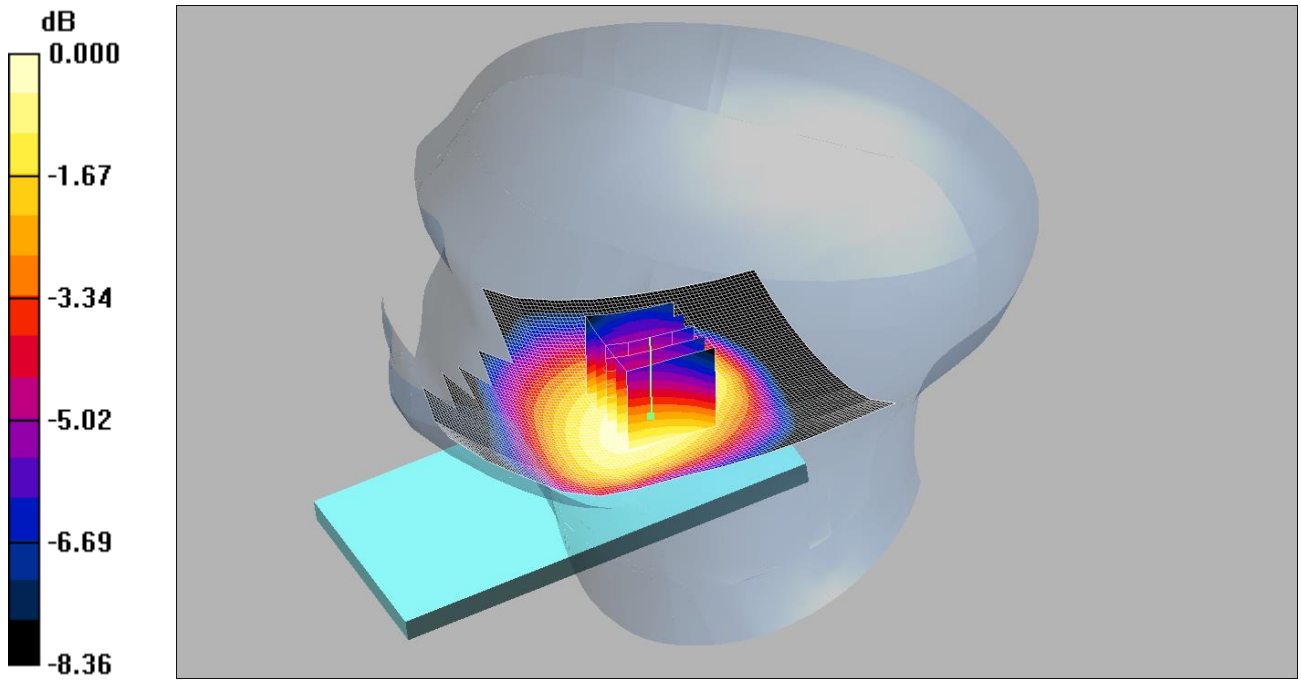


0 dB = 0.518mW/g

Communication System: UMTS-FDD 5; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium: 900 MHz HSL Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.953 mho/m; ε_r = 41; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3335; ConvF(6.13, 6.13, 6.13);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 31/10/2013
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch Right - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.528 mW/g
Touch Right - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 7.23 V/m; Power Drift = 0.048 dB
Peak SAR (extrapolated) = 0.612 W/kg
SAR(1 g) = 0.495 mW/g; SAR(10 g) = 0.384 mW/g
Maximum value of SAR (measured) = 0.518 mW/g

032: Tilt Right UMTS FDD5 CH4183
Date: 17/06/2014
DUT: Sony; Type: FCC ID: PY7PM-0802

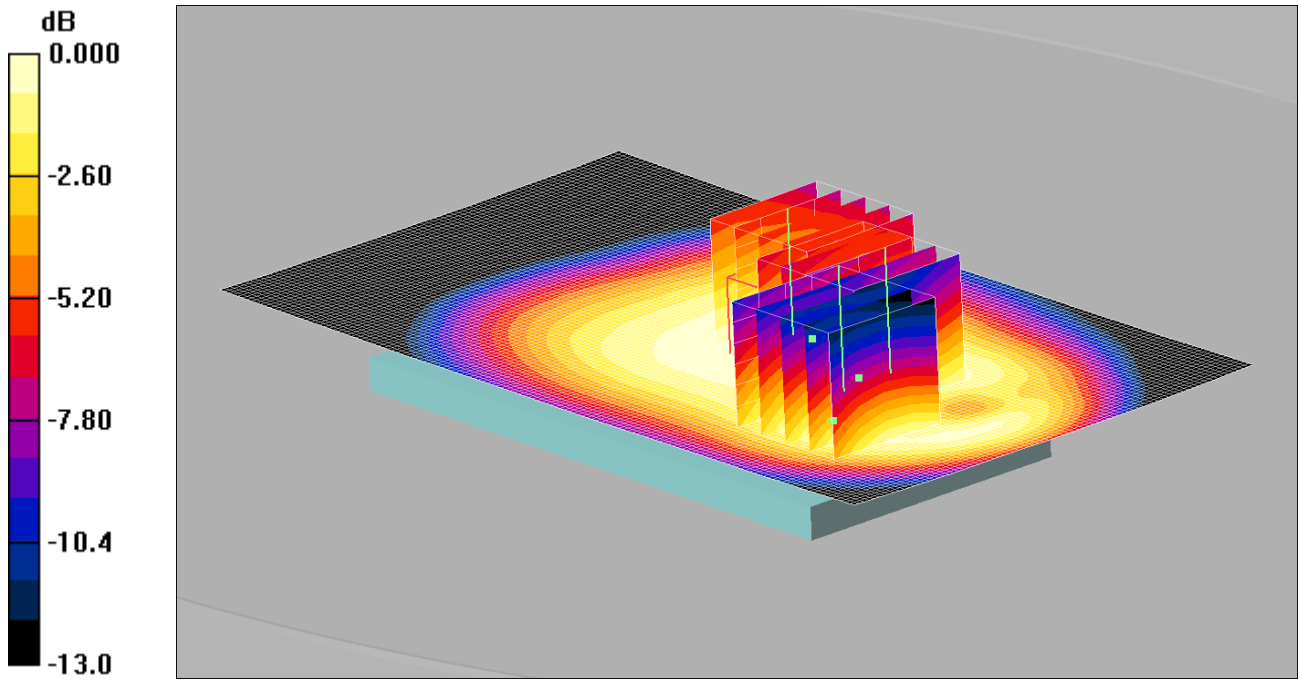


0 dB = 0.267mW/g

Communication System: UMTS-FDD 5; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium: 900 MHz HSL Medium parameters used (interpolated): f = 836.6 MHz; σ = 0.953 mho/m; ε_r = 41; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3335; ConvF(6.13, 6.13, 6.13);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 31/10/2013
- Phantom: SAM 12b (Site 57); Type: SAM 4.0; Serial: TP:1031
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Tilt Right - Middle/Area Scan (71x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.268 mW/g
Tilt Right - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.1 V/m; Power Drift = 0.094 dB
Peak SAR (extrapolated) = 0.309 W/kg
SAR(1 g) = 0.254 mW/g; SAR(10 g) = 0.198 mW/g
Maximum value of SAR (measured) = 0.267 mW/g

033: Front of EUT Facing Phantom UMTS FDD 5 CH4183
Date: 17/06/2014
DUT: Sony; Type: FCC ID: PY7PM-0802



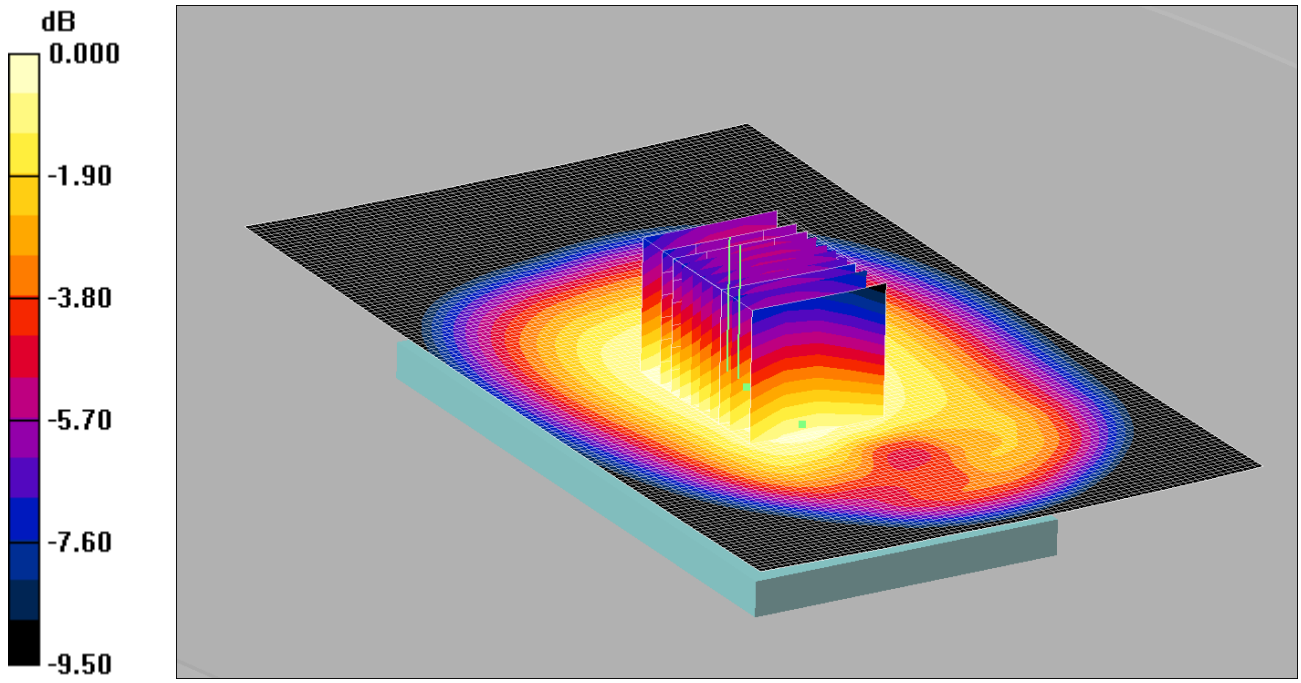
0 dB = 0.568mW/g

Communication System: UMTS-FDD 5; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.04 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3335; ConvF(6.15, 6.15, 6.15);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 31/10/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Front of EUT Facing Phantom - Middle/Area Scan 2 (81x141x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.574 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 = 22.9 V/m; Power Drift = 0.018 dB
Peak SAR (extrapolated) = 0.671 W/kg
SAR(1 g) = 0.552 mW/g; SAR(10 g) = 0.436 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 = 22.9 V/m; Power Drift = 0.018 dB
Peak SAR (extrapolated) = 0.753 W/kg
SAR(1 g) = 0.551 mW/g; SAR(10 g) = 0.432 mW/g
Front of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 2: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.9 V/m; Power Drift = 0.018 dB
Peak SAR (extrapolated) = 0.766 W/kg
SAR(1 g) = 0.534 mW/g; SAR(10 g) = 0.356 mW/g
Maximum value of SAR (measured) = 0.568 mW/g

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

034: Back of EUT Facing Phantom UMTS FDD 5 CH4183
Date: 18/06/2014
DUT: Sony; Type: FCC ID: PY7PM-0802



0 dB = 0.531mW/g

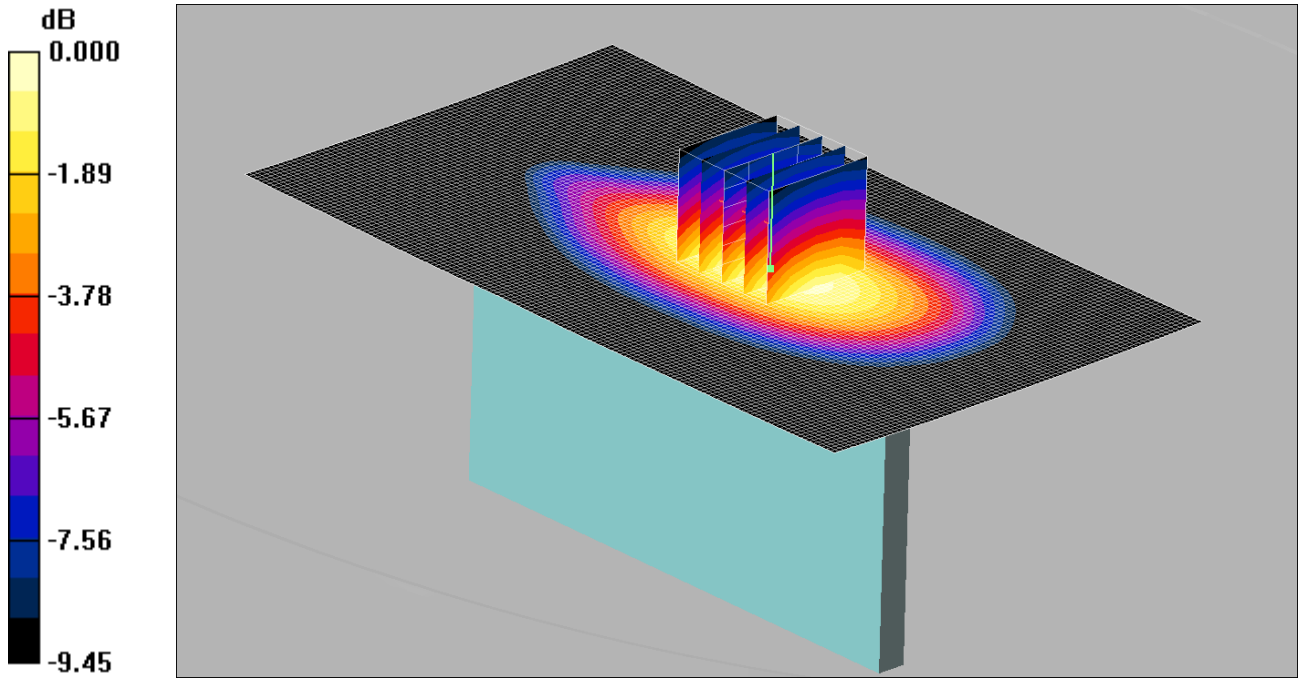
Communication System: UMTS-FDD 5; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.04 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3335; ConvF(6.15, 6.15, 6.15);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 31/10/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Back of EUT Facing Phantom - Middle 2/Area Scan 2 (81x141x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.531 mW/g
Back of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.4 V/m; Power Drift = 0.014 dB
Peak SAR (extrapolated) = 0.611 W/kg
SAR(1 g) = 0.501 mW/g; SAR(10 g) = 0.394 mW/g
Maximum value of SAR (measured) = 0.524 mW/g
Back of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) 2 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.4 V/m; Power Drift = 0.014 dB
Peak SAR (extrapolated) = 0.622 W/kg
SAR(1 g) = 0.508 mW/g; SAR(10 g) = 0.398 mW/g
Maximum value of SAR (measured) = 0.531 mW/g

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

035: Left of EUT Facing Phantom UMTS FDD 5 CH4183
Date: 17/06/2014

DUT: Sony; Type: FCC ID: PY7PM-0802

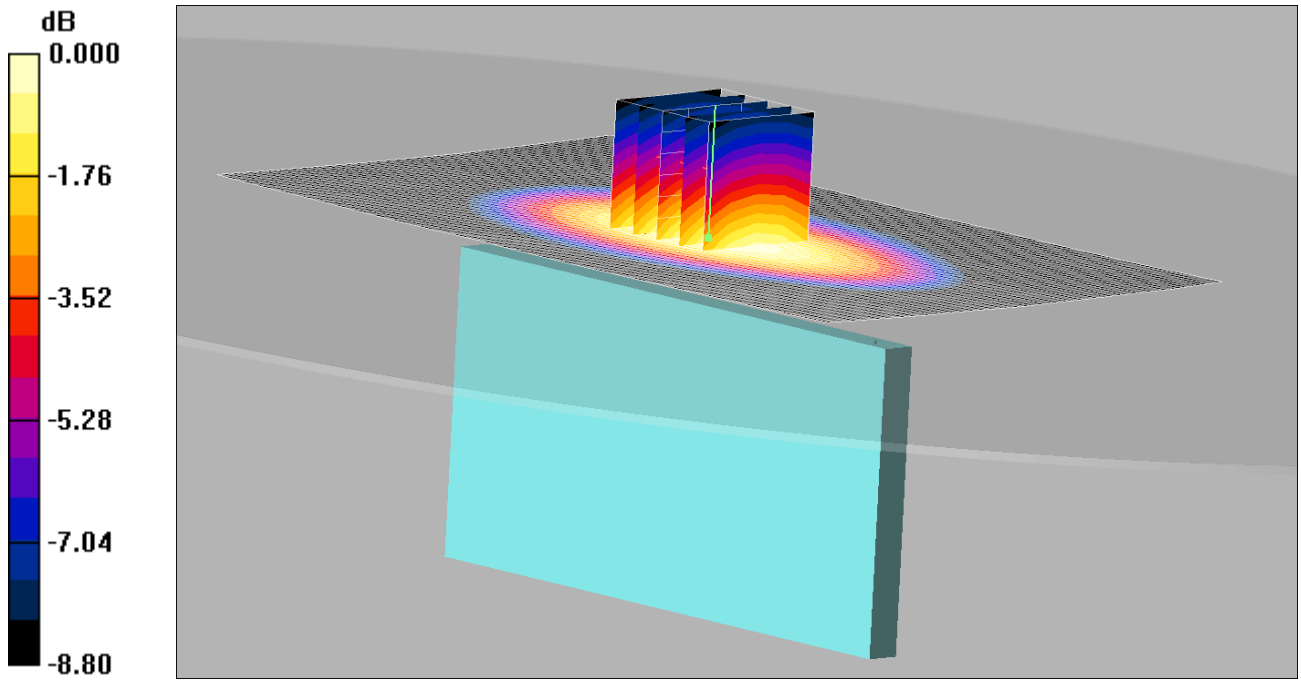


0 dB = 0.420mW/g

Communication System: UMTS-FDD 5; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.04 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3335; ConvF(6.15, 6.15, 6.15);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 31/10/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Left of EUT Facing Phantom - Middle/Area Scan 2 (81x141x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.420 mW/g
Left of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.5 V/m; Power Drift = 0.037 dB
Peak SAR (extrapolated) = 0.543 W/kg
SAR(1 g) = 0.391 mW/g; SAR(10 g) = 0.269 mW/g
Maximum value of SAR (measured) = 0.420 mW/g

036: Right of EUT Facing Phantom UMTS FDD 5 CH4183
Date: 18/06/2014
DUT: Sony; Type: FCC ID: PY7PM-0802

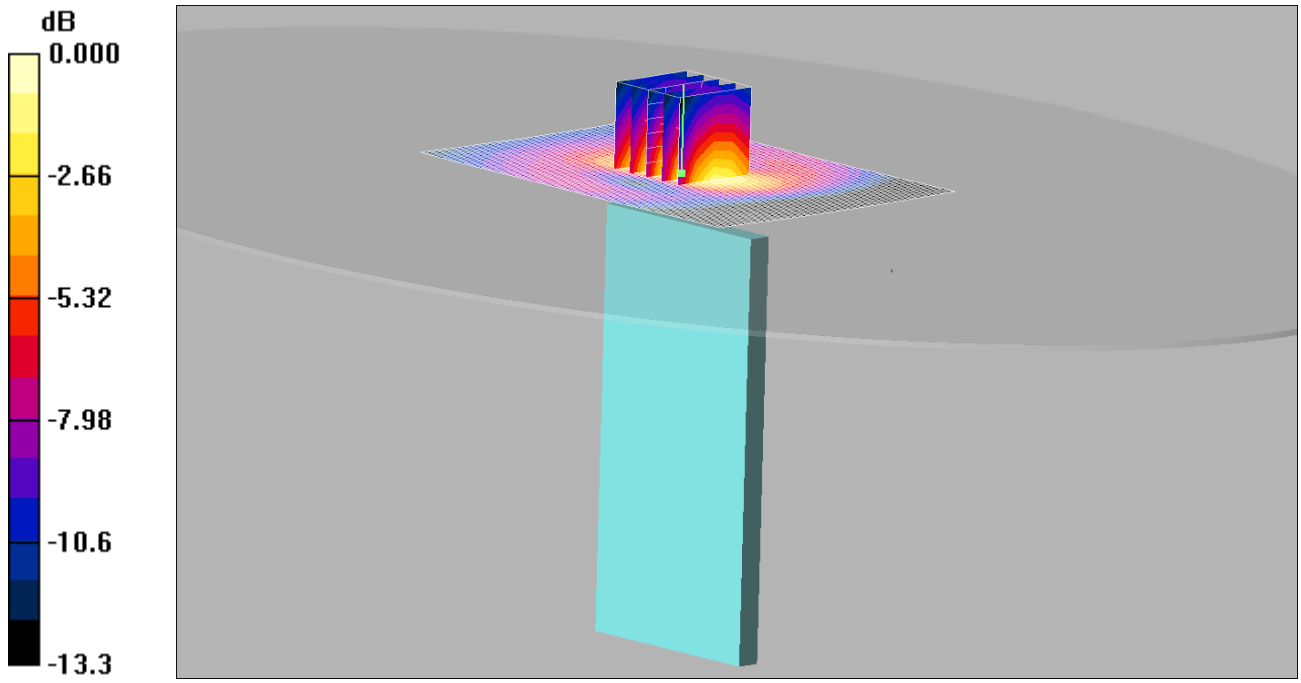


0 dB = 0.489mW/g

Communication System: UMTS-FDD 5; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.04 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3335; ConvF(6.15, 6.15, 6.15);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 31/10/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Right of EUT Facing Phantom - Middle/Area Scan 2 (81x141x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.492 mW/g
Right of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 22.1 V/m; Power Drift = 0.002 dB
Peak SAR (extrapolated) = 0.613 W/kg
SAR(1 g) = 0.460 mW/g; SAR(10 g) = 0.326 mW/g
Maximum value of SAR (measured) = 0.489 mW/g

037: Bottom of EUT Facing Phantom UMTS FDD 5 CH4183
Date: 18/06/2014
DUT: Sony; Type: FCC ID: PY7PM-0802

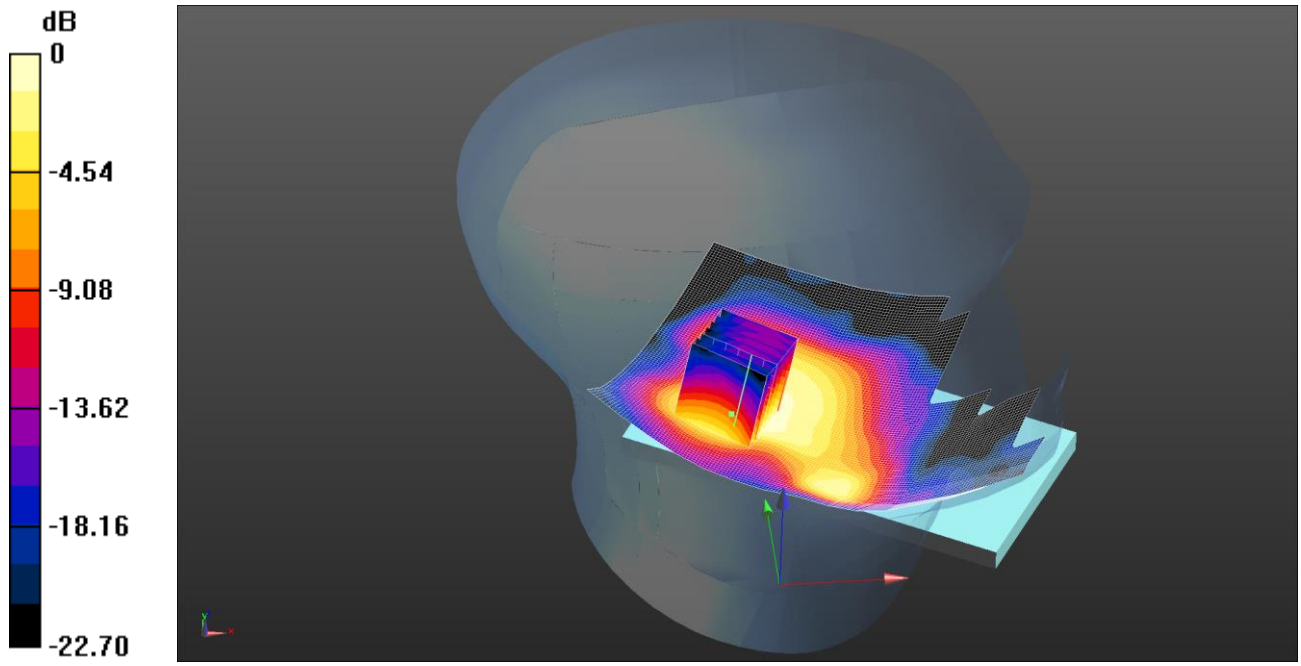


0 dB = 0.159mW/g

Communication System: UMTS-FDD 5; Frequency: 836.6 MHz;Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 836.6 MHz; σ = 1.04 mho/m; ε_r = 54.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3335; ConvF(6.15, 6.15, 6.15);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 31/10/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Bottom of EUT Facing Phantom - Middle/Area Scan 2 (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.150 mW/g
Bottom of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 12.4 V/m; Power Drift = -0.019 dB
Peak SAR (extrapolated) = 0.222 W/kg
SAR(1 g) = 0.144 mW/g; SAR(10 g) = 0.085 mW/g
Maximum value of SAR (measured) = 0.159 mW/g

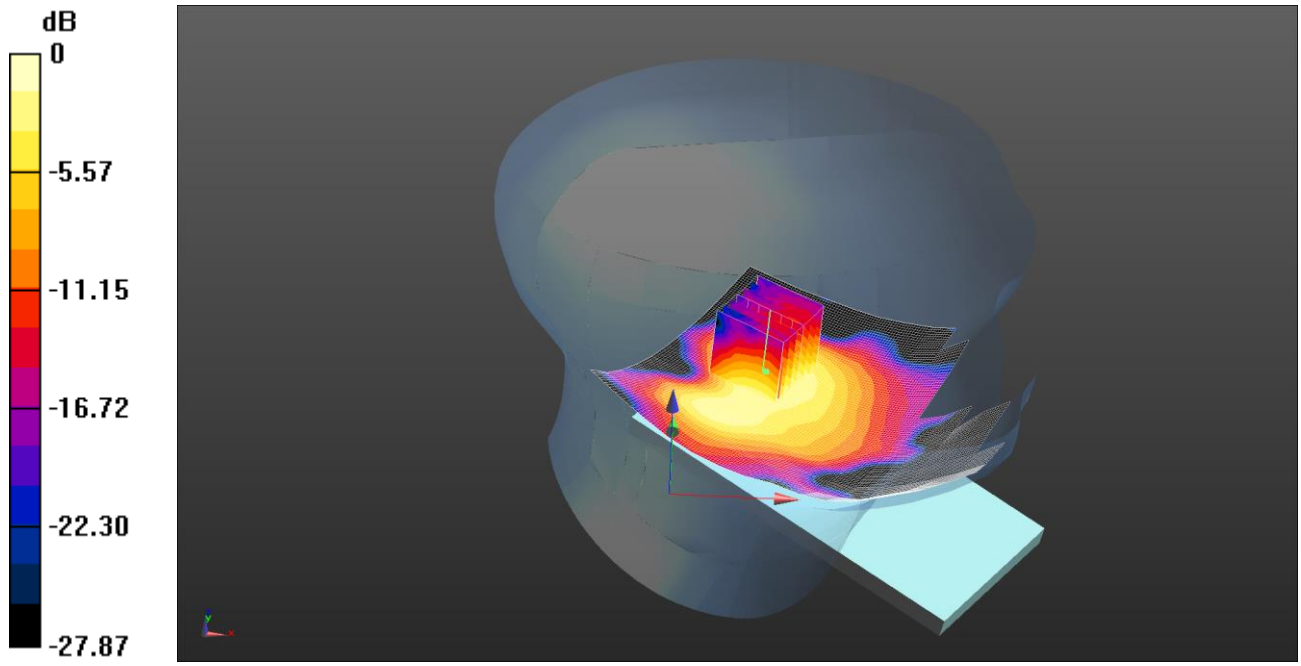
038: Touch Left Wi-Fi 802.11b 1Mbps CH6
Date: 17/06/2014
DUT: Sony; Type: FCC ID: PY7PM-0802



0 dB = 0.129 W/kg = -8.89 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: 2450 MHz HSL Medium parameters used (interpolated): f = 2437 MHz; σ = 1.754 S/m; ε_r = 37.796; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1529; ConvF(4.08, 4.08, 4.08); Calibrated: 22/05/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 18/11/2013
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)
Configuration/Touch Left - Middle 2 2/Area Scan (101x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.140 W/kg
Configuration/Touch Left - Middle 2 2/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.519 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.223 W/kg
SAR(1 g) = 0.120 W/kg; SAR(10 g) = 0.067 W/kg
Maximum value of SAR (measured) = 0.129 W/kg

039: Tilt Left Wi-Fi 802.11b 1Mbps CH6
Date: 17/06/2014
DUT: Sony; Type: FCC ID: PY7PM-0802

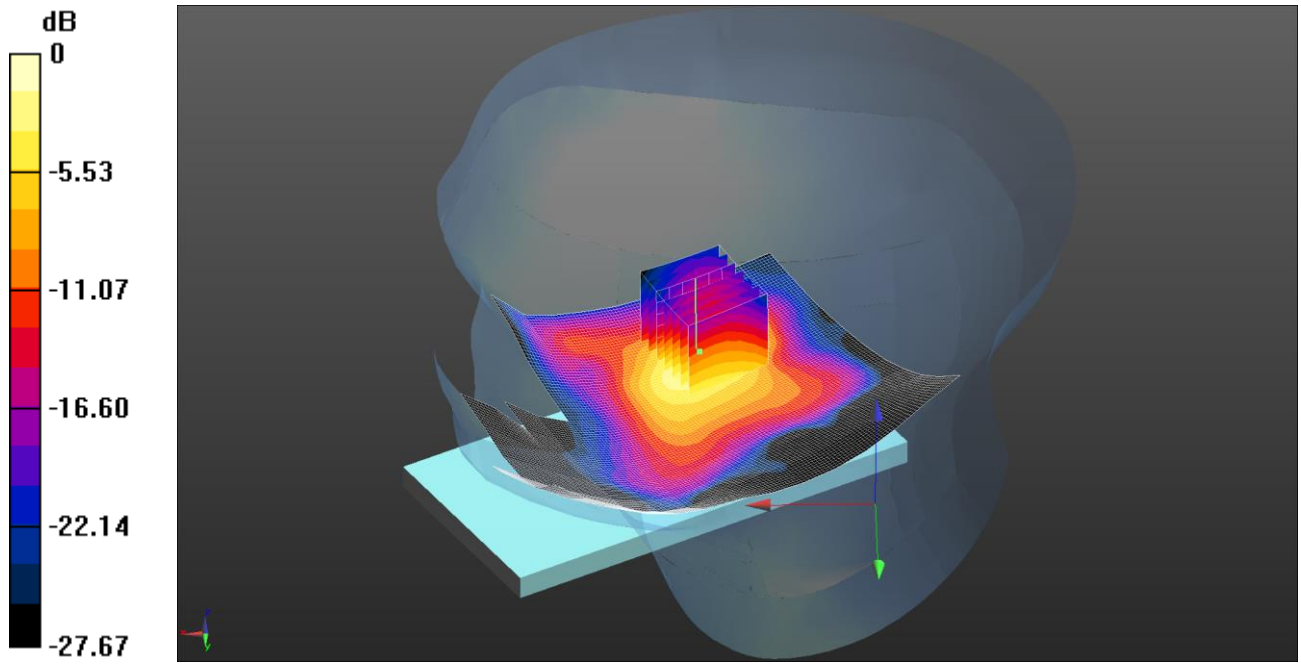


0 dB = 0.0917 W/kg = -10.38 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: 2450 MHz HSL Medium parameters used (interpolated): f = 2437 MHz; σ = 1.754 S/m; ε_r = 37.796; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1529; ConvF(4.08, 4.08, 4.08); Calibrated: 22/05/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 18/11/2013
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)
Configuration/Tilt Left - Middle 2 2/Area Scan (101x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0922 W/kg
Configuration/Tilt Left - Middle 2 2/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.877 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 0.149 W/kg
SAR(1 g) = 0.082 W/kg; SAR(10 g) = 0.043 W/kg
Maximum value of SAR (measured) = 0.0917 W/kg

Note: SAR level measured is very low as equivalent to noise floor.

040: Touch Right Wi-Fi 802.11b 1Mbps CH6
Date: 17/06/2014
DUT: Sony; Type: FCC ID: PY7PM-0802



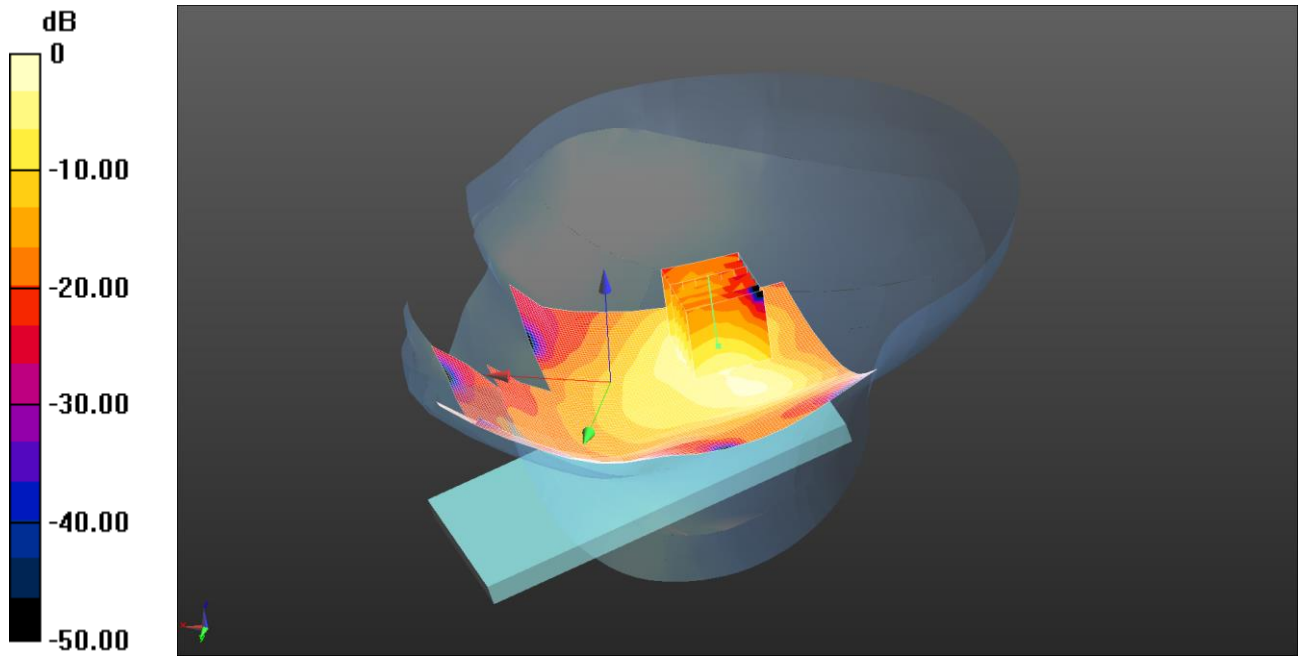
0 dB = 0.392 W/kg = -4.07 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: 2450 MHz HSL Medium parameters used (interpolated): f = 2437 MHz; σ = 1.754 S/m; ε_r = 37.796; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1529; ConvF(4.08, 4.08, 4.08); Calibrated: 22/05/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 18/11/2013
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Touch Right - Middle/Area Scan (101x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.447 W/kg

Configuration/Touch Right - Middle/Zoom Scan (7x7x7) 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 13.297 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.757 W/kg
SAR(1 g) = 0.346 W/kg; SAR(10 g) = 0.161 W/kg
Maximum value of SAR (measured) = 0.392 W/kg

041: Tilt Right Wi-Fi 802.11b 1Mbps CH6
Date: 17/06/2014
DUT: Sony; Type: FCC ID: PY7PM-0802

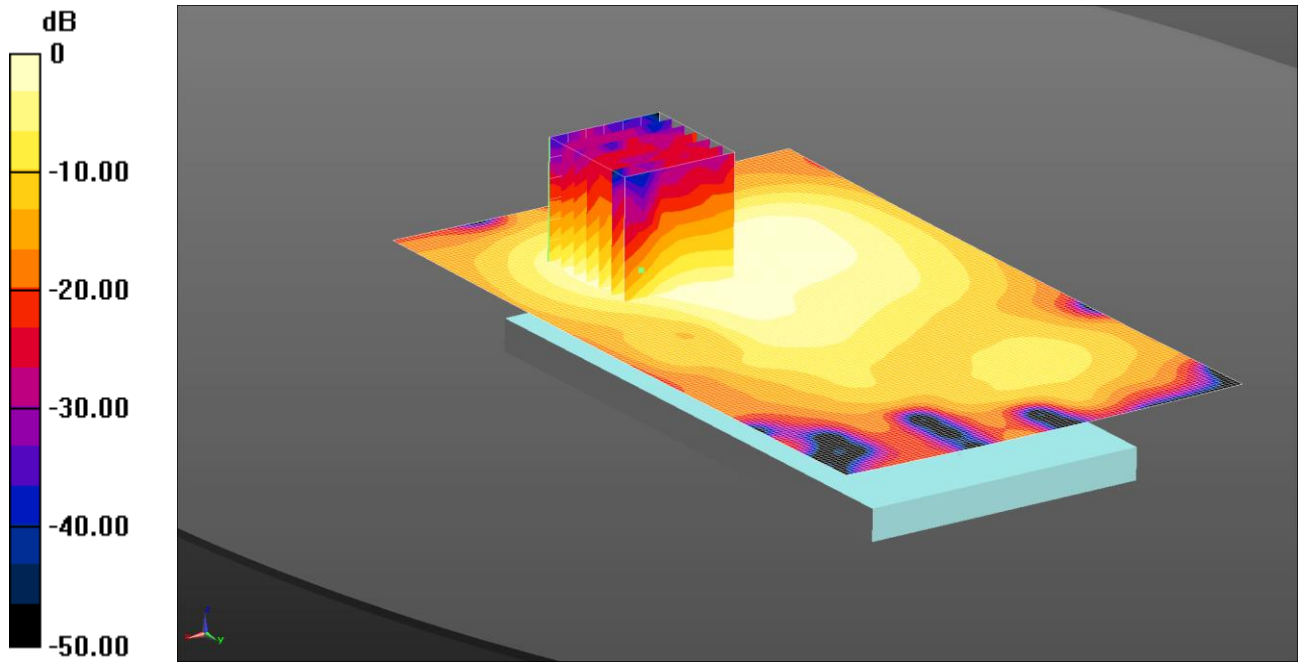


0 dB = 0.112 W/kg = -9.51 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: 2450 MHz HSL Medium parameters used (interpolated): f = 2437 MHz; σ = 1.754 S/m; ε_r = 37.796; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1529; ConvF(4.08, 4.08, 4.08); Calibrated: 22/05/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 18/11/2013
- Phantom: SAM (30deg probe tilt) with CRP v5.0; Type: QD000P40CD; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)
Configuration/Touch Right - Middle/Area Scan (101x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.124 W/kg

Configuration/Touch Right - Middle/Zoom Scan (7x7x7) 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.525 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.216 W/kg
SAR(1 g) = 0.102 W/kg; SAR(10 g) = 0.050 W/kg
Maximum value of SAR (measured) = 0.112 W/kg

042: Front Of EUT Facing Phantom Wi-Fi 802.11b 1Mbps CH6
Date: 17/06/2014
DUT: Sony; Type: FCC ID: PY7PM-0802



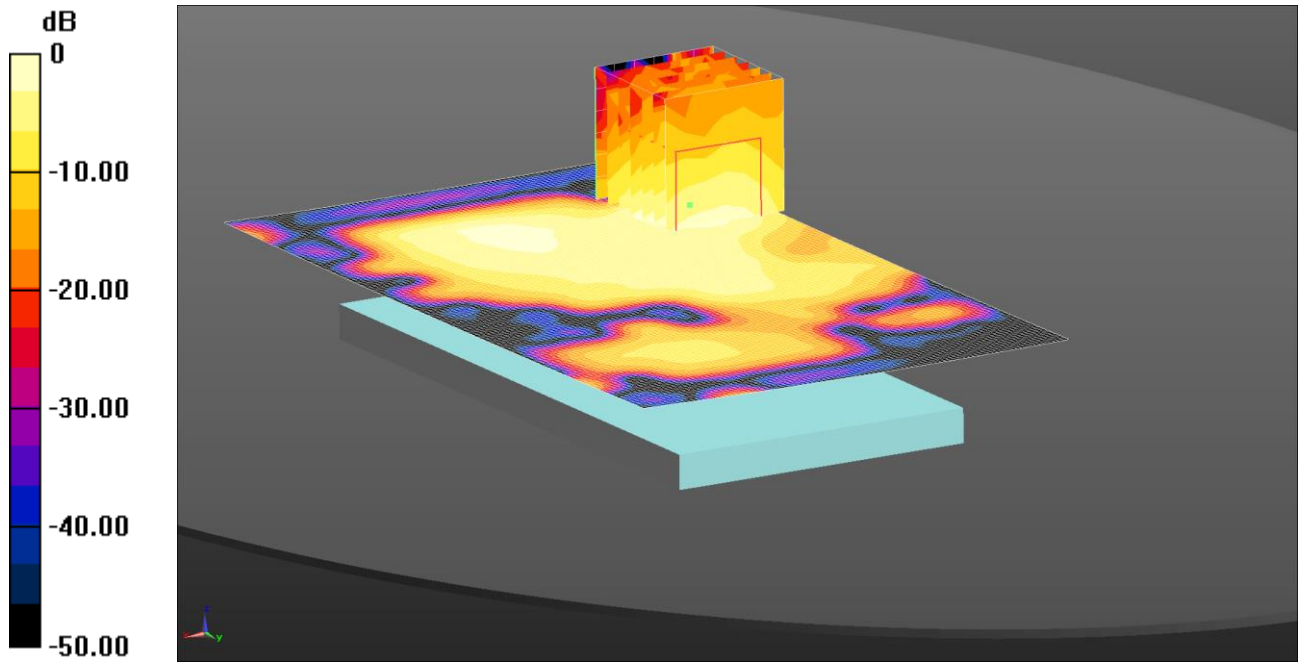
0 dB = 0.0592 W/kg = -12.28 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: 2450MHz MSL Medium parameters used (interpolated): f = 2437 MHz; σ = 2.023 S/m; ε_r = 52.021; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1529; ConvF(3.95, 3.95, 3.95); Calibrated: 22/05/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 18/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Front of EUT Facing Phantom - Middle 2/Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0592 W/kg
Configuration/Front of EUT Facing Phantom - Middle 2/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.454 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 0.116 W/kg
SAR(1 g) = 0.054 W/kg; SAR(10 g) = 0.028 W/kg
Maximum value of SAR (measured) = 0.0571 W/kg

Note: SAR level measured is very low as equivalent to noise floor.

043: Back Of EUT Facing Phantom Wi-Fi 802.11b 1Mbps CH6
Date: 17/06/2014
DUT: Sony; Type: FCC ID: PY7PM-0802



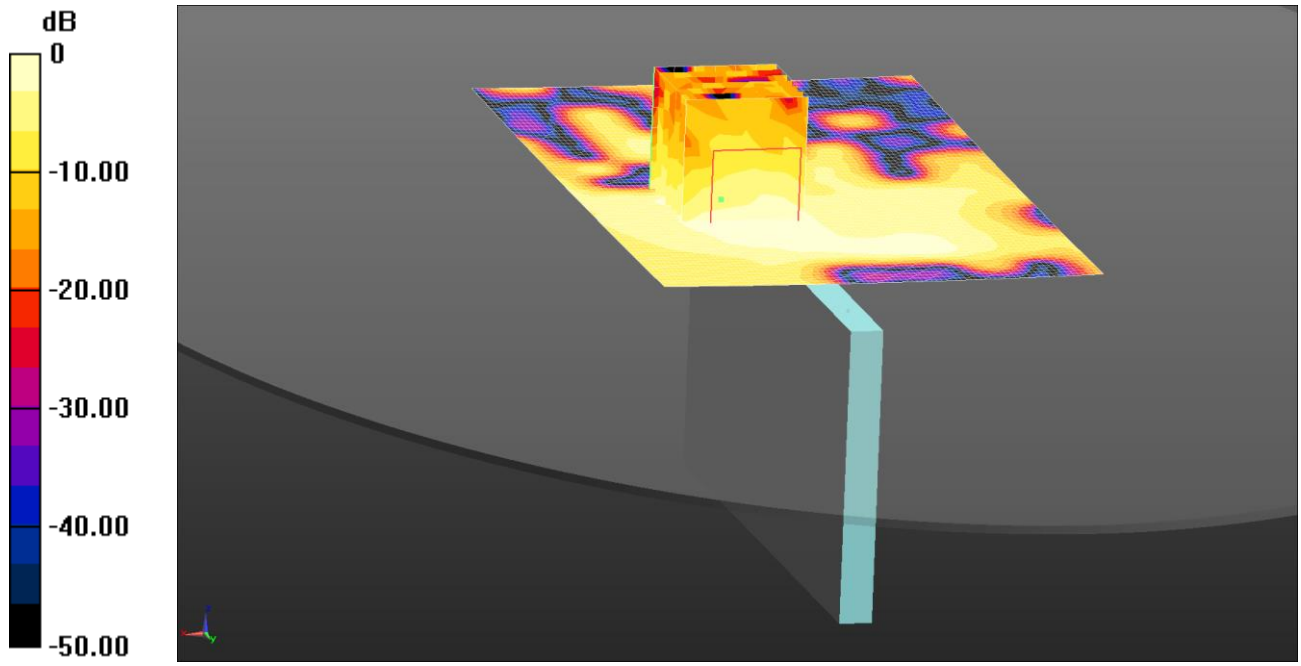
0 dB = 0.0385 W/kg = -14.14 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: 2450MHz MSL Medium parameters used (interpolated): f = 2437 MHz; σ = 2.023 S/m; ε_r = 52.021; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1529; ConvF(3.95, 3.95, 3.95); Calibrated: 22/05/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 18/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Back of EUT Facing Phantom - Middle 2/Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.0385 W/kg
Configuration/Back of EUT Facing Phantom - Middle 2/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.106 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.0820 W/kg
SAR(1 g) = 0.028 W/kg; SAR(10 g) = 0.013 W/kg
Maximum value of SAR (measured) = 0.0313 W/kg

Note: SAR level measured is very low as equivalent to noise floor.

044: Left Hand Side Of EUT Facing Phantom Wi-Fi 802.11b 1Mbps CH6
Date: 17/06/2014
DUT: Sony; Type: FCC ID: PY7PM-0802



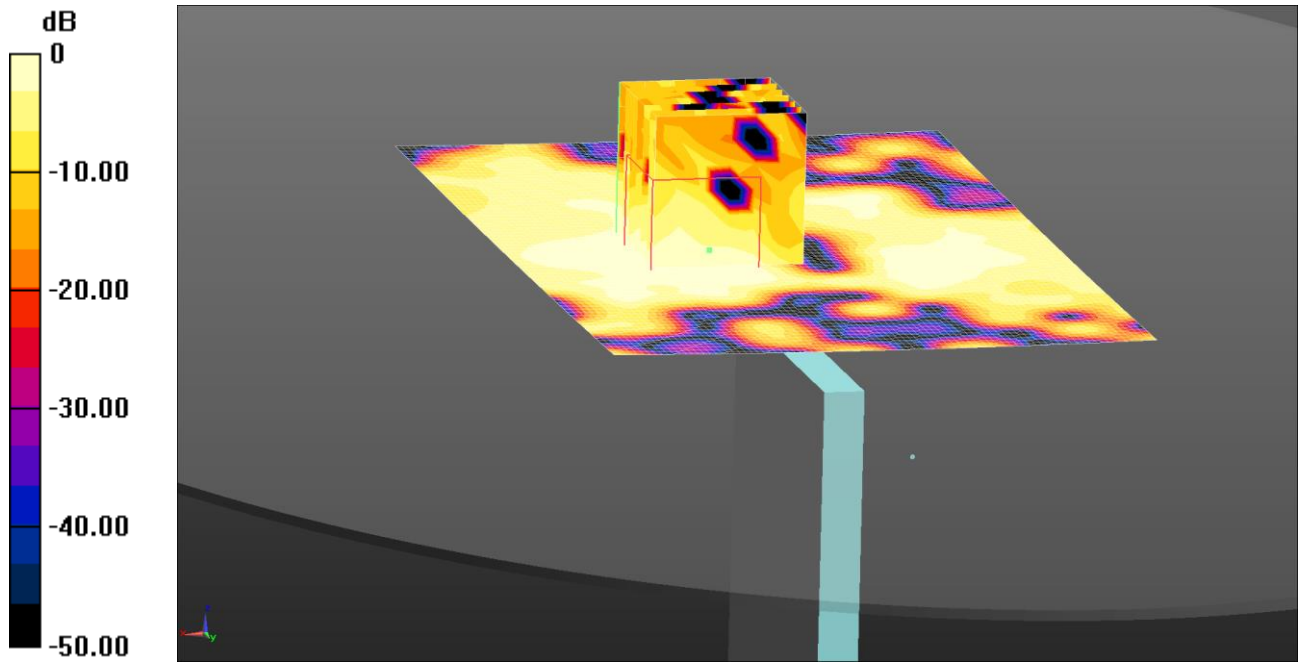
0 dB = 0.00919 W/kg = -20.37 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: 2450MHz MSL Medium parameters used (interpolated): f = 2437 MHz; σ = 2.023 S/m; ε_r = 52.021; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1529; ConvF(3.95, 3.95, 3.95); Calibrated: 22/05/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 18/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Left Hand Side of EUT Facing Phantom - Middle 2/Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.00919 W/kg
Configuration/Left Hand Side of EUT Facing Phantom - Middle 2/Zoom Scan (7x7x7) 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.045 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 0.0410 W/kg
SAR(1 g) = 0.00796 W/kg; SAR(10 g) = 0.0036 W/kg
Maximum value of SAR (measured) = 0.00886 W/kg

Note: SAR level measured is very low as equivalent to noise floor.

045: Top Hand Side Of EUT Facing Phantom Wi-Fi 802.11b 1Mbps CH6
Date: 17/06/2014
DUT: Sony; Type: FCC ID: PY7PM-0802



0 dB = 0.00423 W/kg = -23.73 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: 2450MHz MSL Medium parameters used (interpolated): f = 2437 MHz; σ = 2.023 S/m; ε_r = 52.021; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1529; ConvF(3.95, 3.95, 3.95); Calibrated: 22/05/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 18/11/2013
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Top Hand Side of EUT Facing Phantom - Middle 2/Area Scan (91x151x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 0.00423 W/kg
Configuration/Top Hand Side of EUT Facing Phantom - Middle 2/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.390 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 0.0210 W/kg
SAR(1 g) = 0.00417 W/kg; SAR(10 g) = 0.00153 W/kg
Maximum value of SAR (measured) = 0.00402 W/kg

Note: SAR level measured is very low as equivalent to noise floor.