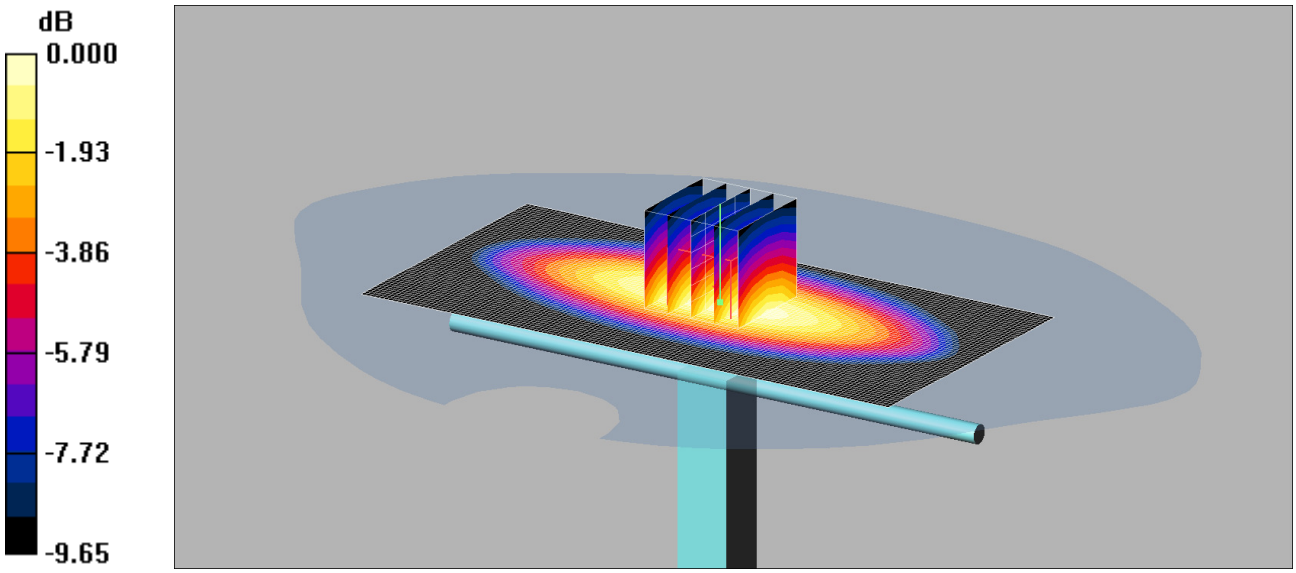
12.2. System Check Plots – A1428 & A1429

This appendix contains the following system validation distribution scans.

Scan Reference Number	Title
001	System Performance Check 750MHz Head 09 04 15
002	System Performance Check 750MHz Body 09 04 15
003	System Performance Check 900MHz Head 30 03 15
004	System Performance Check 900MHz Head 07 04 15
005	System Performance Check 900MHz Body 30 03 15
006	System Performance Check 900MHz Body 07 04 15
007	System Performance Check 1800MHz Head 13 04 15
008	System Performance Check 1800MHz Body 13 04 15
009	System Performance Check 1900MHz Head 14 04 15
010	System Performance Check 1900MHz Body 16 04 15
011	System Performance Check 2450MHz Head 14 04 15
012	System Performance Check 2450MHz Body 07 04 15
013	System Performance Check 2450MHz Body 29 04 15
014	System Performance Check 5250MHz Head 16 04 15
015	System Performance Check 5250MHz Body 13 04 15
016	System Performance Check 5600MHz Head 16 04 15
017	System Performance Check 5600MHz Body 13 04 15
018	System Performance Check 5750MHz Head 16 04 15
019	System Performance Check 5750MHz Body 13 04 15

001: System Performance Check 750MHz Head 09 04 15
Date: 09/04/2015
DUT: Dipole 750 MHz; Type: D750V3; Serial: D750V3 - SN:1011

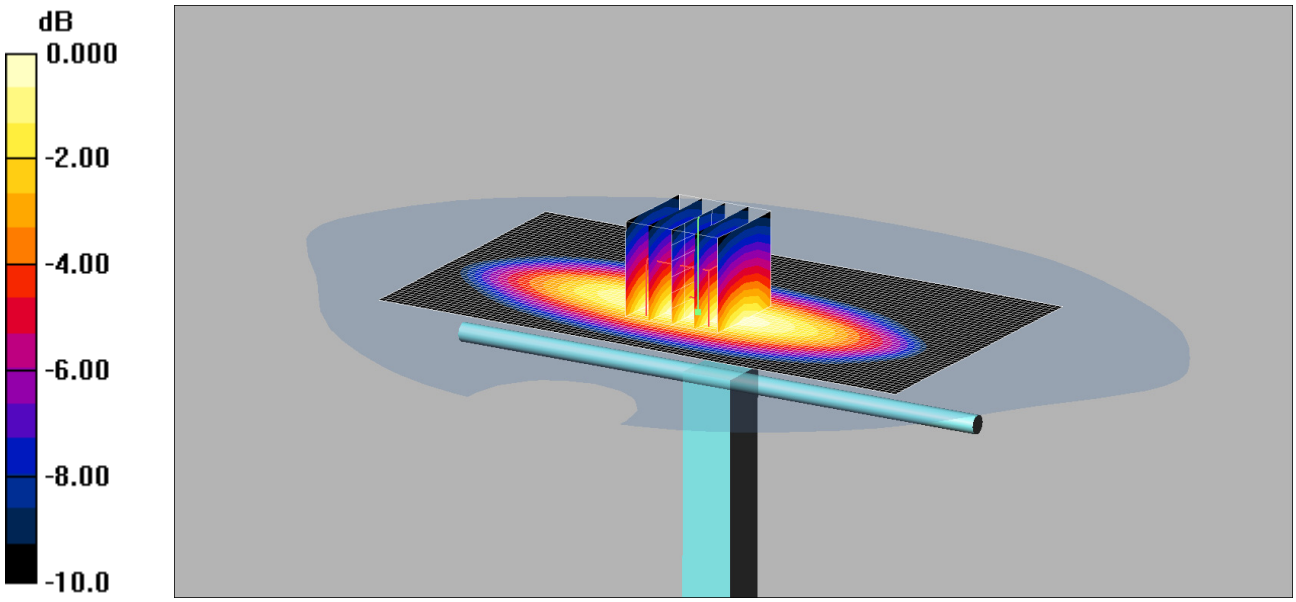


0 dB = 2.16mW/g

Communication System: CW; Frequency: 750 MHz;Duty Cycle: 1:1
Medium: 750 MHz HSL Medium parameters used: f = 750 MHz; σ = 0.849 mho/m; ε_r = 42.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1529; ConvF(6.6, 6.6, 6.6);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

d=15mm, Pin=250mW 2 2/Area Scan (61x121x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.16 mW/g
d=15mm, Pin=250mW 2 2/Zoom Scan (5x7x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 52.7 V/m; Power Drift = -0.013 dB
Peak SAR (extrapolated) = 2.83 W/kg
SAR(1 g) = 2.01 mW/g; SAR(10 g) = 1.35 mW/g
Maximum value of SAR (measured) = 2.16 mW/g

002: System Performance Check 750MHz Body 09 04 15
Date: 09/04/2015
DUT: Dipole 750 MHz; Type: D750V3; Serial: D750V3 - SN:1011

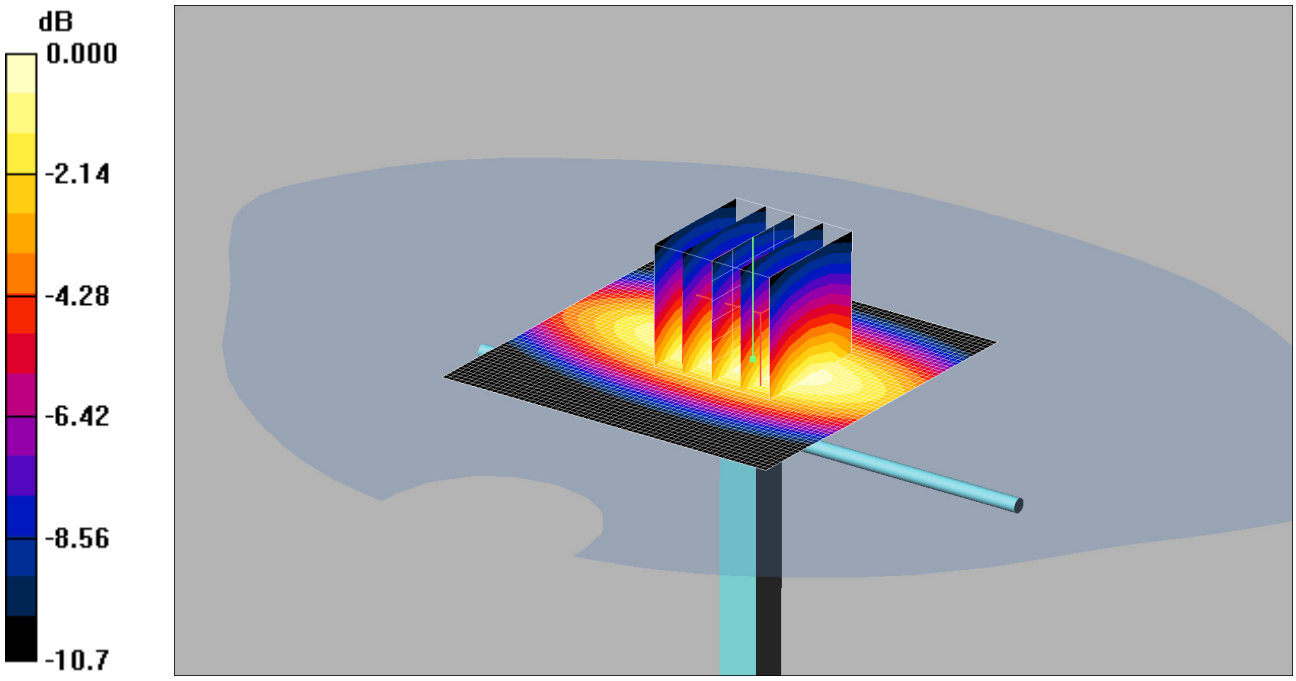


0 dB = 2.28mW/g

Communication System: CW; Frequency: 750 MHz;Duty Cycle: 1:1
Medium: 750/900 MHz MSL Medium parameters used: f = 750 MHz; σ = 0.964 mho/m; ε_r = 54.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1529; ConvF(6.15, 6.15, 6.15);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

d=15mm, Pin=250mW 2/Area Scan (51x91x1): Measurement grid: dx=20mm, dy=20mm
Maximum value of SAR (interpolated) = 2.28 mW/g
d=15mm, Pin=250mW 2/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 44.9 V/m; Power Drift = -0.050 dB
Peak SAR (extrapolated) = 3.04 W/kg
SAR(1 g) = 2.11 mW/g; SAR(10 g) = 1.4 mW/g
Maximum value of SAR (measured) = 2.28 mW/g

003: System Performance Check 900MHz Head 30 03 15
Date: 30/03/2015
DUT: Dipole 900 MHz; SN: 1d168; Type: D900V2; Serial: SN1d168

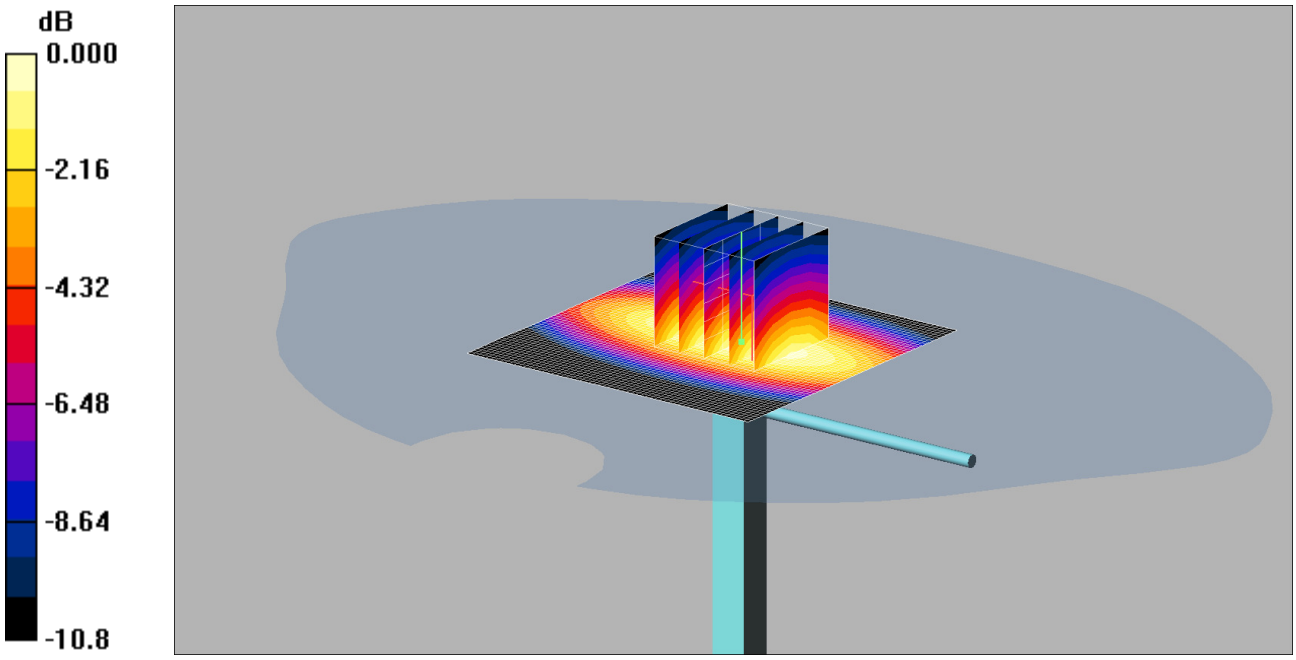


0 dB = 2.70mW/g

Communication System: CW; Frequency: 900 MHz;Duty Cycle: 1:1
Medium: 900 MHz HSL Medium parameters used: f = 900 MHz; σ = 0.935 mho/m; ε_r = 40.9; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1529; ConvF(6.15, 6.15, 6.15);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

d=15mm, Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.74 mW/g
d=15mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 56.5 V/m; Power Drift = -0.118 dB
Peak SAR (extrapolated) = 3.62 W/kg
SAR(1 g) = 2.5 mW/g; SAR(10 g) = 1.64 mW/g
Maximum value of SAR (measured) = 2.70 mW/g

004: System Performance Check 900MHz Head 07 04 15
Date: 07/04/2015
DUT: Dipole 900 MHz; SN: 1d168; Type: D900V2; Serial: SN1d168

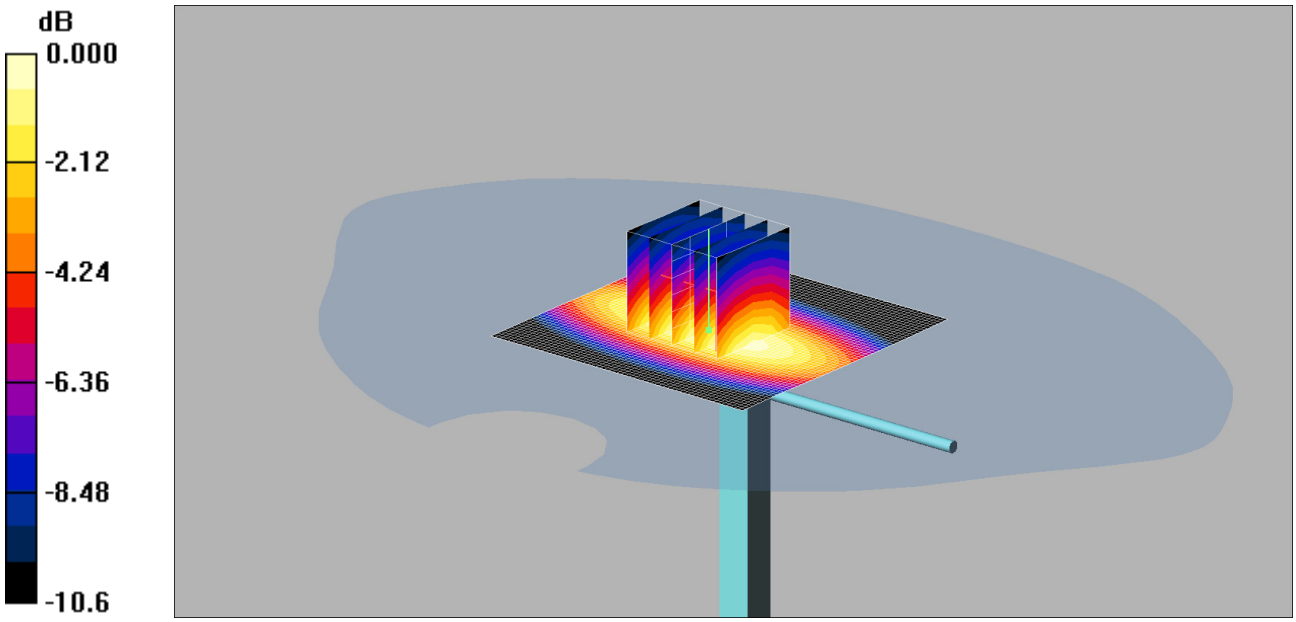


0 dB = 2.84mW/g

Communication System: CW; Frequency: 900 MHz;Duty Cycle: 1:1
Medium: 900 MHz HSL Medium parameters used: f = 900 MHz; σ = 0.948 mho/m; ε_r = 40.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1529; ConvF(6.15, 6.15, 6.15);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

d=15mm, Pin=250mW/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.81 mW/g
d=15mm, Pin=250mW/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 56.3 V/m; Power Drift = 0.049 dB
Peak SAR (extrapolated) = 3.79 W/kg
SAR(1 g) = 2.61 mW/g; SAR(10 g) = 1.7 mW/g
Maximum value of SAR (measured) = 2.84 mW/g

005: System Performance Check 900MHz Body 30 03 15
Date: 30/03/2015
DUT: Dipole 900 MHz; SN: 1d168; Type: D900V2; Serial: SN1d168

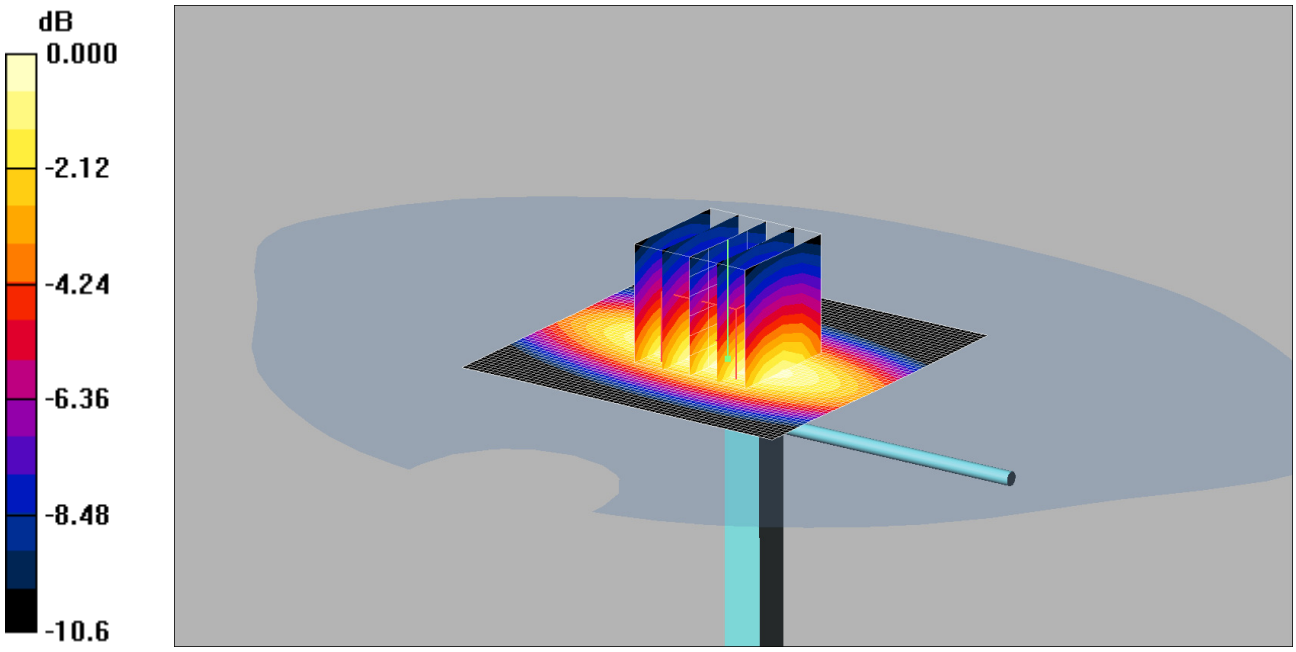


0 dB = 2.87mW/g

Communication System: UMTS-FDD 5; Frequency: 900 MHz;Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used: f = 900 MHz; σ = 1.04 mho/m; ε_r = 53.1; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1529; ConvF(5.85, 5.85, 5.85);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

d=15mm, Pin=250mW 2 2/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.85 mW/g
d=15mm, Pin=250mW 2 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 50.2 V/m; Power Drift = -0.126 dB
Peak SAR (extrapolated) = 3.61 W/kg
SAR(1 g) = 2.64 mW/g; SAR(10 g) = 1.75 mW/g
Maximum value of SAR (measured) = 2.87 mW/g

006: System Performance Check 900MHz Body 07 04 15
Date: 07/04/2015
DUT: Dipole 900 MHz; SN: 1d168; Type: D900V2; Serial: SN1d168

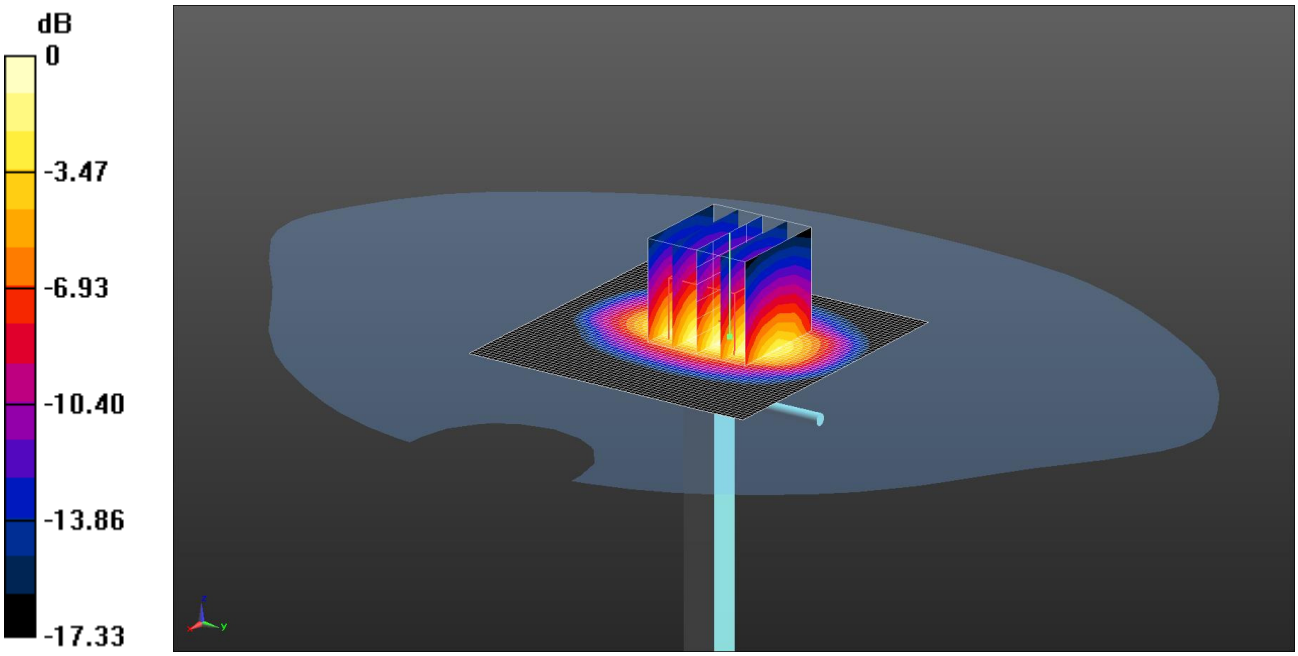


0 dB = 2.93mW/g

Communication System: UMTS-FDD 5; Frequency: 900 MHz;Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used: f = 900 MHz; σ = 1.06 mho/m; ε_r = 53.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1529; ConvF(5.85, 5.85, 5.85);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

d=15mm, Pin=250mW 2 2/Area Scan (61x61x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 2.90 mW/g
d=15mm, Pin=250mW 2 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 50.1 V/m; Power Drift = -0.063 dB
Peak SAR (extrapolated) = 3.70 W/kg
SAR(1 g) = 2.69 mW/g; SAR(10 g) = 1.78 mW/g
Maximum value of SAR (measured) = 2.93 mW/g

007: System Performance Check 1800MHz Head 13 04 15
Date: 13/04/2015
DUT: Dipole 1800 MHz; Type: D1800V2; Serial: 264

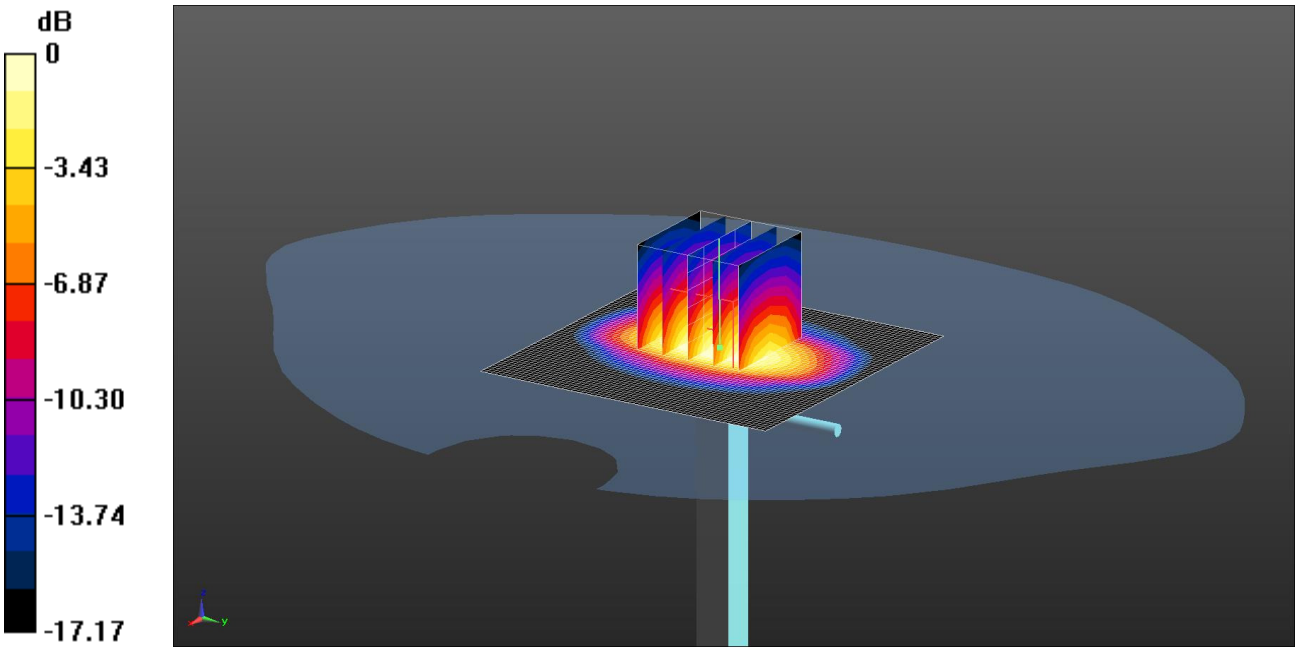


0 dB = 10.8 W/kg = 10.33 dBW/kg

Communication System: UID 0 - n/a, CW; Frequency: 1800 MHz;Duty Cycle: 1:1
Medium: 1800 MHz HSL Medium parameters used: f = 1800 MHz; σ = 1.379 S/m; ε_r = 39.81; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3335; ConvF(5.21, 5.21, 5.21); Calibrated: 29/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

SAR/d=10mm, Pin=250 mW, dist=10.0mm (ET-Probe)/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 11.6 W/kg
SAR/d=10mm, Pin=250 mW, dist=10.0mm (ET-Probe)/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 88.501 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 17.4 W/kg
SAR(1 g) = 9.61 W/kg; SAR(10 g) = 5.1 W/kg
Maximum value of SAR (measured) = 10.8 W/kg

008: System Performance Check 1800MHz Body 13 04 15
Date: 13/04/2015
DUT: Dipole 1800 MHz; Type: D1800V2; Serial: 264

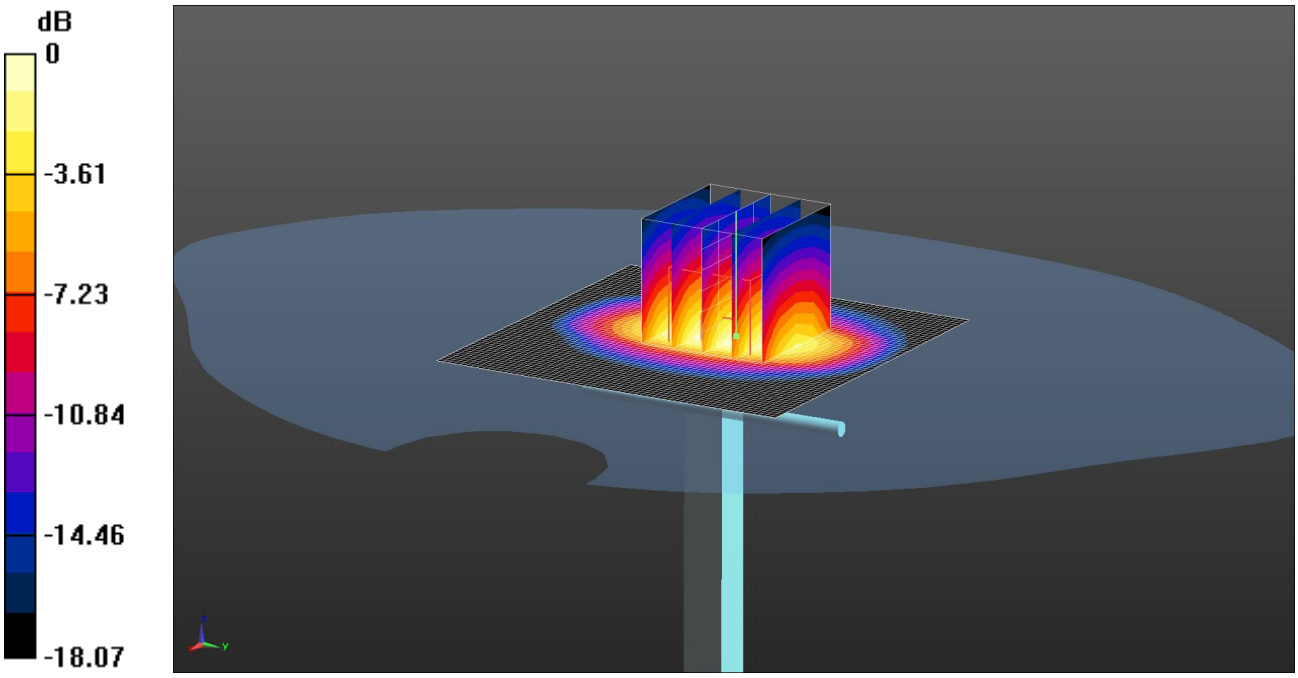


0 dB = 10.9 W/kg = 10.37 dBW/kg

Communication System: UID 0 - n/a, CW; Frequency: 1800 MHz;Duty Cycle: 1:1
Medium: 1800 MHz MSL Medium parameters used: f = 1800 MHz; σ = 1.555 S/m; ε_r = 51.868; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3335; ConvF(4.91, 4.91, 4.91); Calibrated: 29/08/2014;
- Sensor-Surface: 3mm (Mechanical Surface Detection), Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

SAR/d=10mm, Pin=250 mW, dist=10.0mm (ET-Probe) 2/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 12.2 W/kg
SAR/d=10mm, Pin=250 mW, dist=10.0mm (ET-Probe) 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 92.258 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 17.2 W/kg
SAR(1 g) = 9.69 W/kg; SAR(10 g) = 5.08 W/kg
Maximum value of SAR (measured) = 10.9 W/kg

009: System Performance Check 1900MHz Head 14 04 15
Date: 14/04/2015
DUT: Dipole 1900 MHz; Type: D1900V2; Serial: SN540

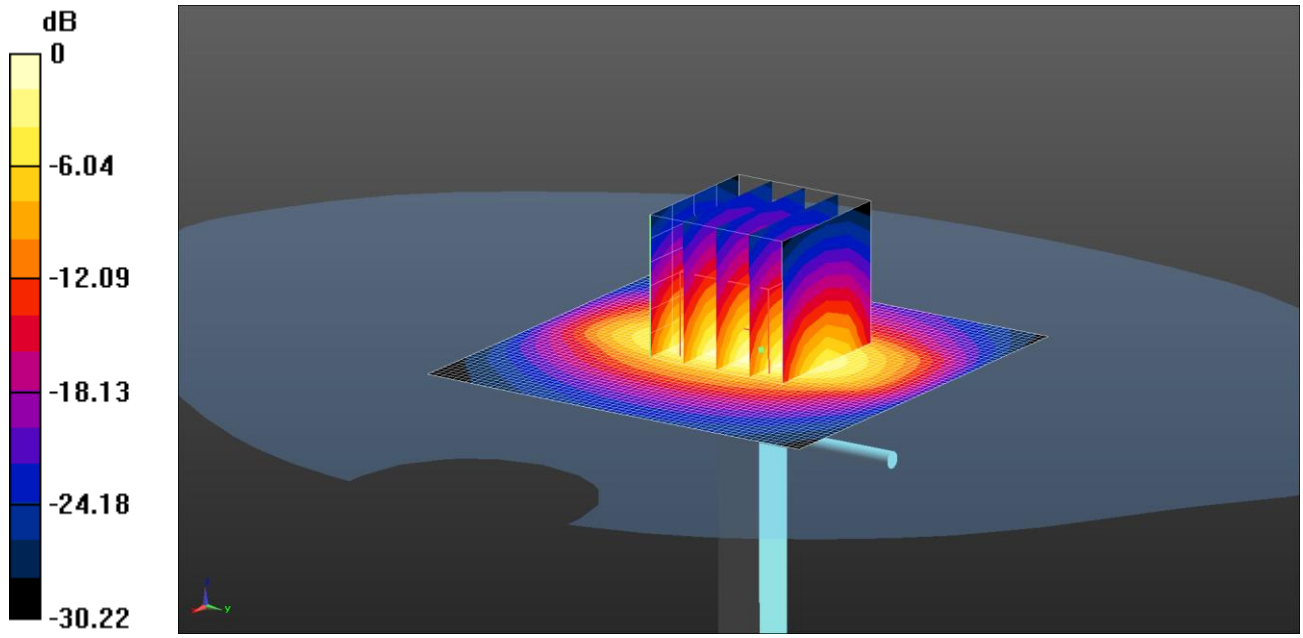


0 dB = 11.3 W/kg = 10.53 dBW/kg

Communication System: UID 0 - n/a, CW (0); Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: 1900 MHz HSL Medium parameters used: f = 1900 MHz; σ = 1.43 S/m; ε_r = 39.034; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3335; ConvF(5.07, 5.07, 5.07); Calibrated: 29/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

SAR/d=10mm, Pin=250 mW, dist=10.0mm (ET-Probe) 2/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 12.0 W/kg
SAR/d=10mm, Pin=250 mW, dist=10.0mm (ET-Probe) 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 88.710 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 18.4 W/kg
SAR(1 g) = 10 W/kg; SAR(10 g) = 5.23 W/kg
Maximum value of SAR (measured) = 11.3 W/kg

010: System Performance Check 1900MHz Body 16 04 15
Date: 16/04/15
DUT: Dipole 1900 MHz D1900V2; Type: D1900V2; Serial: D1900V2 - SN: 540

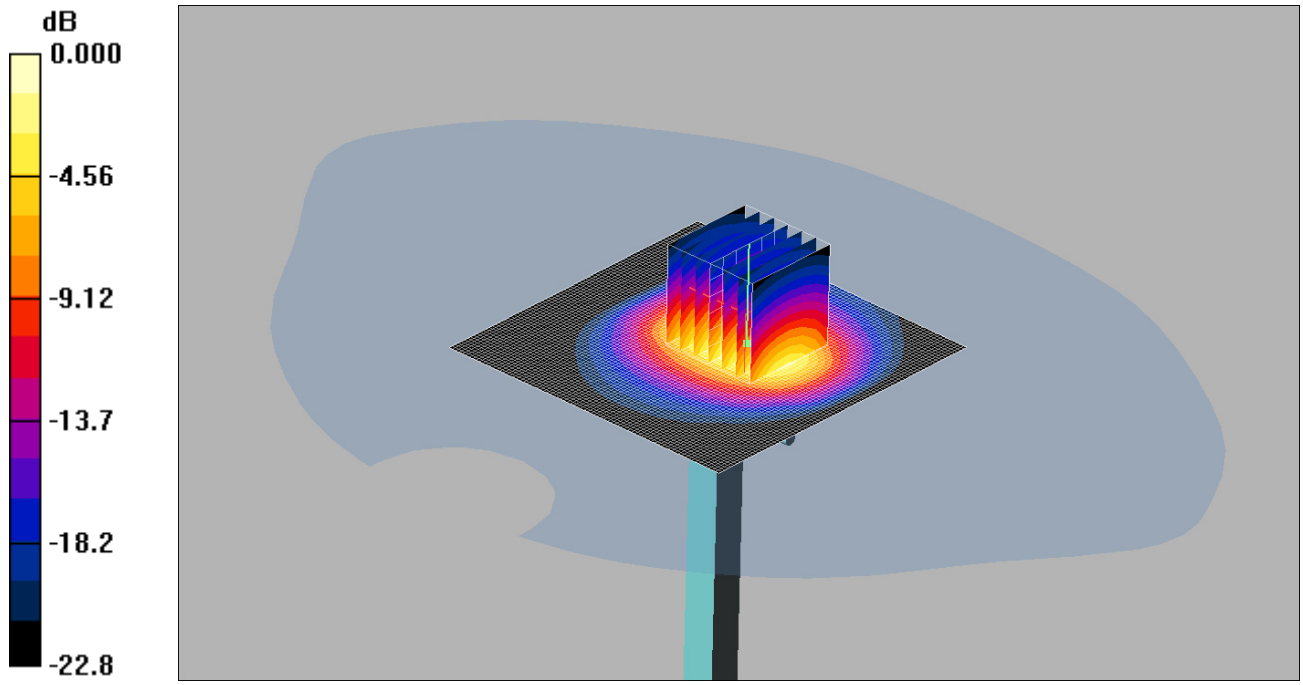


0 dB = 11.6 W/kg = 10.63 dBW/kg

Communication System: UID 0, CW; Frequency: 1900 MHz;Duty Cycle: 1:1
Medium: 1900 MHz MSL Medium parameters used: f = 1900 MHz; σ = 1.575 S/m; ε_r = 54.168; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3335; ConvF(4.69, 4.69, 4.69); Calibrated: 29/08/14;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/14
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.10 (7331)

SAR/d=10mm, Pin=250 mW, dist=10.0mm (ET-Probe) 2 2/Area Scan (61x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 11.6 W/kg
SAR/d=10mm, Pin=250 mW, dist=10.0mm (ET-Probe) 2 2/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 86.88 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 18.2 W/kg
SAR(1 g) = 10.1 W/kg; SAR(10 g) = 5.21 W/kg
Maximum value of SAR (measured) = 11.3 W/kg

011: System Performance Check 2450MHz Head 14 04 15
Date: 14/04/2015
DUT: Dipole 2450 MHz; SN725; Type: D2450V2; Serial: D2450V2 - SN:725



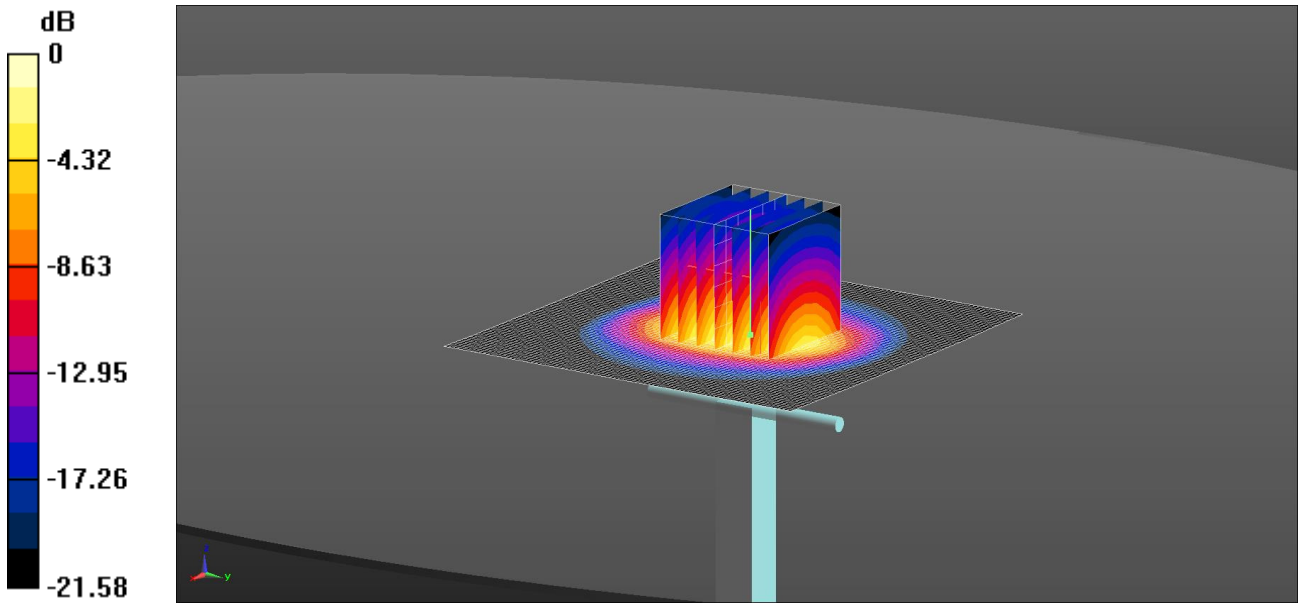
0 dB = 14.6mW/g

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: 2450 MHz HSL Medium parameters used: f = 2450 MHz; σ = 1.83 mho/m; ε_r = 38; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3304; ConvF(4.48, 4.48, 4.48);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 20/08/2014
- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

d=10mm, Pin=250mW/Area Scan (81x81x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 15.4 mW/g

d=10mm, Pin=250mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 81.3 V/m; Power Drift = -0.088 dB
Peak SAR (extrapolated) = 28.4 W/kg
SAR(1 g) = 13 mW/g; SAR(10 g) = 5.98 mW/g
Maximum value of SAR (measured) = 14.6 mW/g

012: System Performance Check 2450MHz Body 07 04 15
Date: 07/04/2015
DUT: Dipole 2450 MHz; Type: D2440V2; Serial: D2440V2 - SN:725

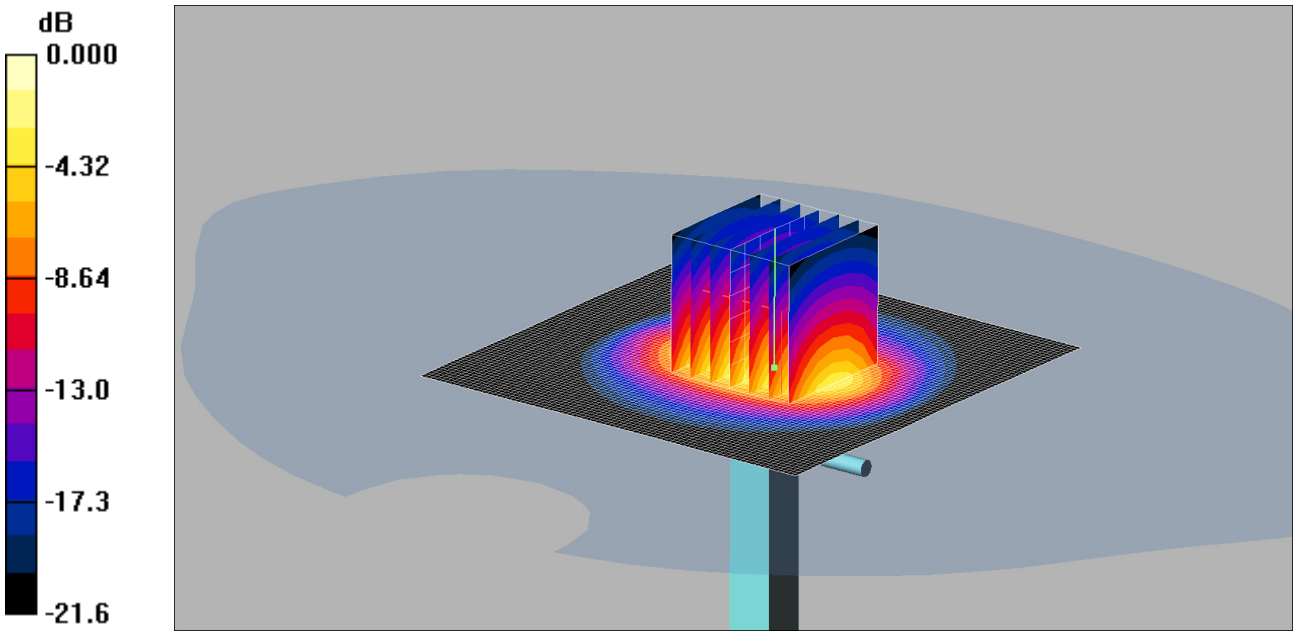


0 dB = 14.1 W/kg = 11.49 dBW/kg

Communication System: UID 0 - n/a, CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: 2450 MHz MSL Medium parameters used: f = 2450 MHz; σ = 2.023 S/m; ε_r = 52.564; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3304; ConvF(4.24, 4.24, 4.24); Calibrated: 21/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 20/08/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/d=10mm, Pin=250mW/Area Scan (81x81x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm
Maximum value of SAR (interpolated) = 14.6 W/kg
Configuration/d=10mm, Pin=250mW/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 83.403 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 25.9 W/kg
SAR(1 g) = 12.3 W/kg; SAR(10 g) = 5.69 W/kg
Maximum value of SAR (measured) = 14.1 W/kg

013: System Performance Check 2450MHz Body 29 04 15
Date: 29/04/2015
DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:725

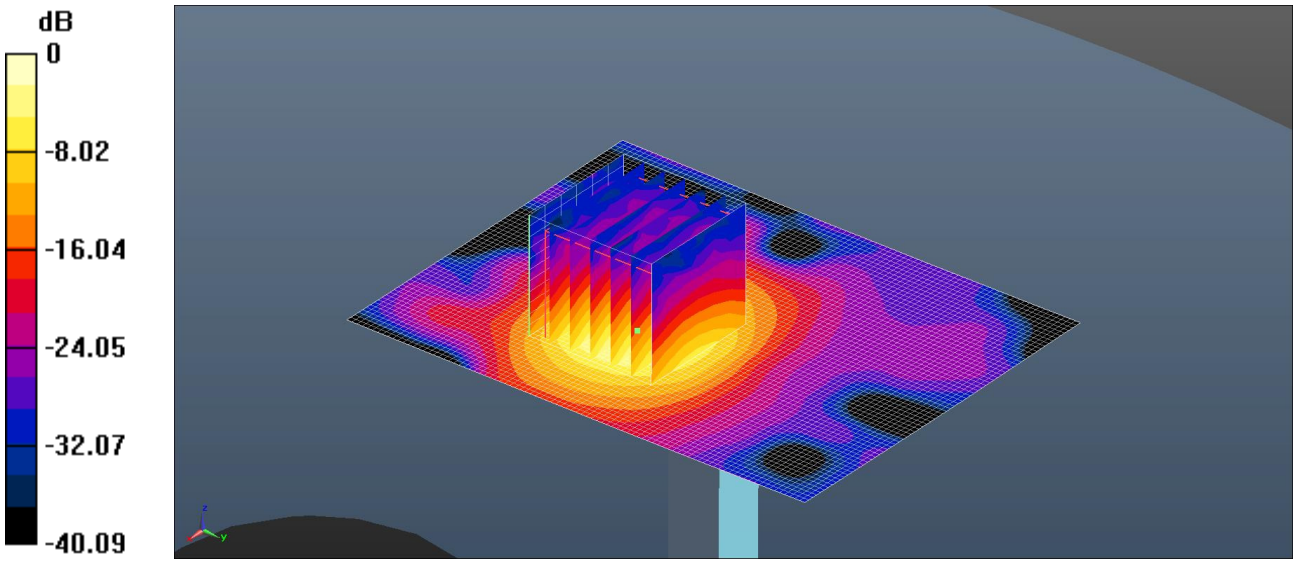


0 dB = 13.5mW/g

Communication System: CW; Frequency: 2450 MHz;Duty Cycle: 1:1
Medium: 2450 MHz MSL Medium parameters used: f = 2450 MHz; σ = 1.95 mho/m; εr = 51.9; ρ = 1000 kg/m3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1529; ConvF(3.95, 3.95, 3.95);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

d=10mm, Pin=250mW 2 2 2/Area Scan (81x81x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 14.2 mW/g
d=10mm, Pin=250mW 2 2 2/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 86.1 V/m; Power Drift = 0.003 dB
Peak SAR (extrapolated) = 28.7 W/kg
SAR(1 g) = 12.3 mW/g; SAR(10 g) = 5.65 mW/g
Maximum value of SAR (measured) = 13.5 mW/g

014: System Performance Check 5250MHz Head 16 04 15
Date: 16/04/2015
DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016

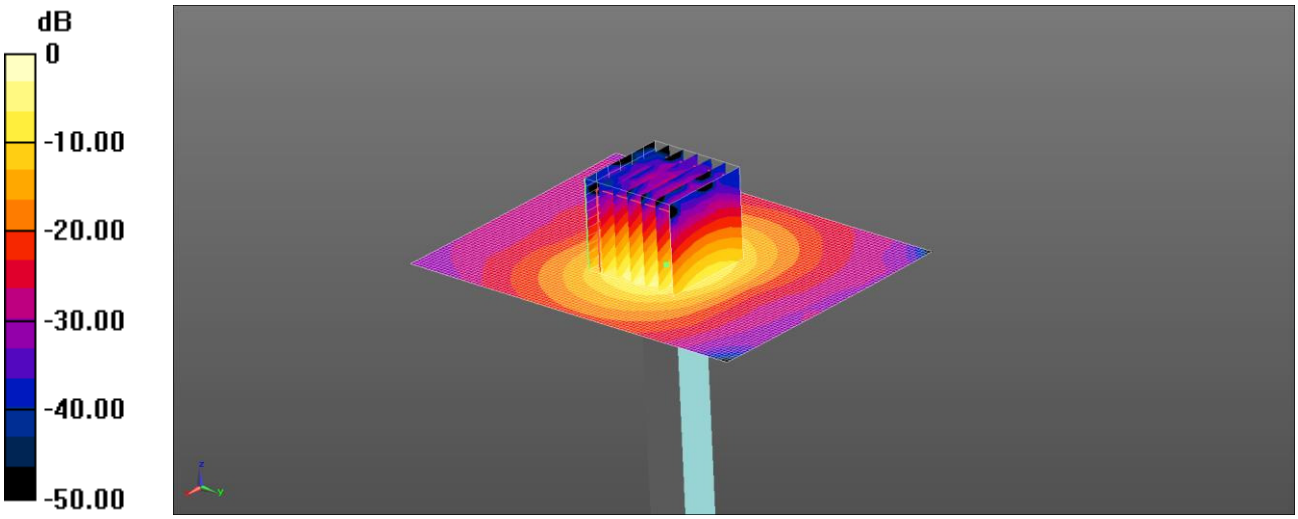


0 dB = 16.7 W/kg = 12.23 dBW/kg

Communication System: UID 0, CW (0); Frequency: 5250 MHz;Duty Cycle: 1:1
Medium: 5200/5500/5800 MHz HSL Medium parameters used: f = 5250 MHz; σ = 4.585 S/m; ε_r = 34.482; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3994; ConvF(5.3, 5.3, 5.3); Calibrated: 17/03/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 16/09/2014
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/d=10mm, Pin=100mW 2 2 2/Area Scan (71x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 17.0 W/kg
Configuration/d=10mm, Pin=100mW 2 2 2/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 21.785 V/m; Power Drift = -0.12 dB
Peak SAR (extrapolated) = 34.3 W/kg
SAR(1 g) = 8.09 W/kg; SAR(10 g) = 2.25 W/kg
Maximum value of SAR (measured) = 16.7 W/kg

015: System Performance Check 5250MHz Body 13 04 15
Date: 13/04/15
DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016



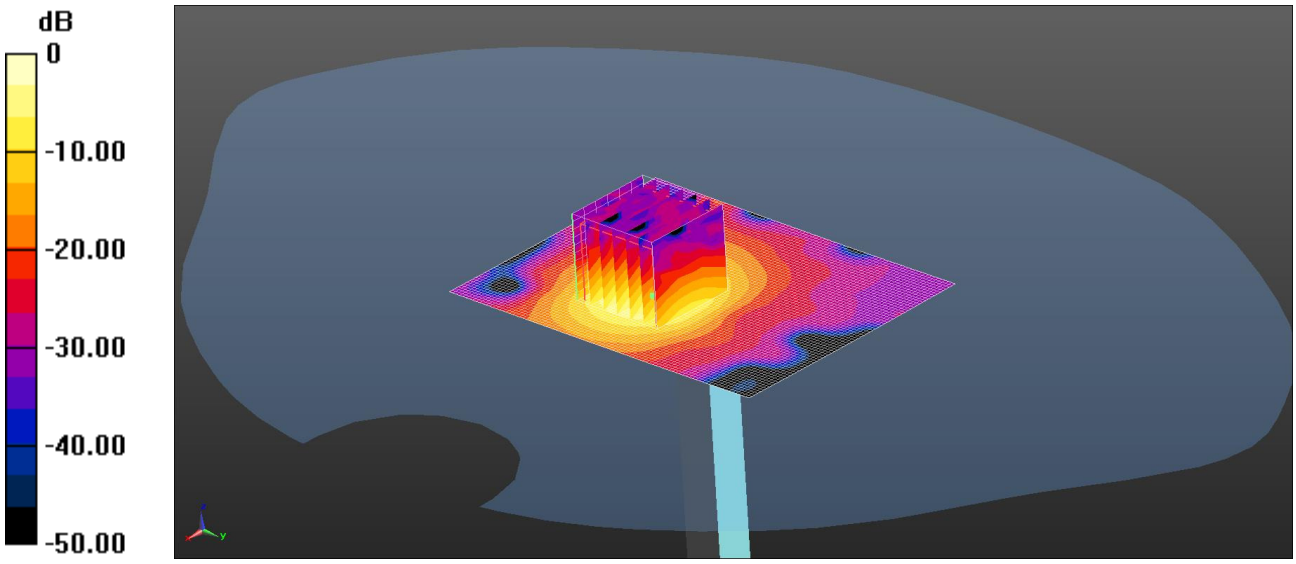
0 dB = 15.6 W/kg = 11.93 dBW/kg

Communication System: UID 0, CW (0); Frequency: 5250 MHz;Duty Cycle: 1:1
Medium: 5GHz MSL Medium parameters used: f = 5250 MHz; σ = 5.338 S/m; ε_r = 48.275; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(4.38, 4.38, 4.38); Calibrated: 18/09/14;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/04/14
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/d=10mm, Pin=100mW/Area Scan (71x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 16.1 W/kg

Configuration/d=10mm, Pin=100mW/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 38.47 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 30.4 W/kg
SAR(1 g) = 7.38 W/kg; SAR(10 g) = 2.03 W/kg
Maximum value of SAR (measured) = 15.6 W/kg

016: System Performance Check 5600MHz Head 16 04 15
Date: 16/04/2015
DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016

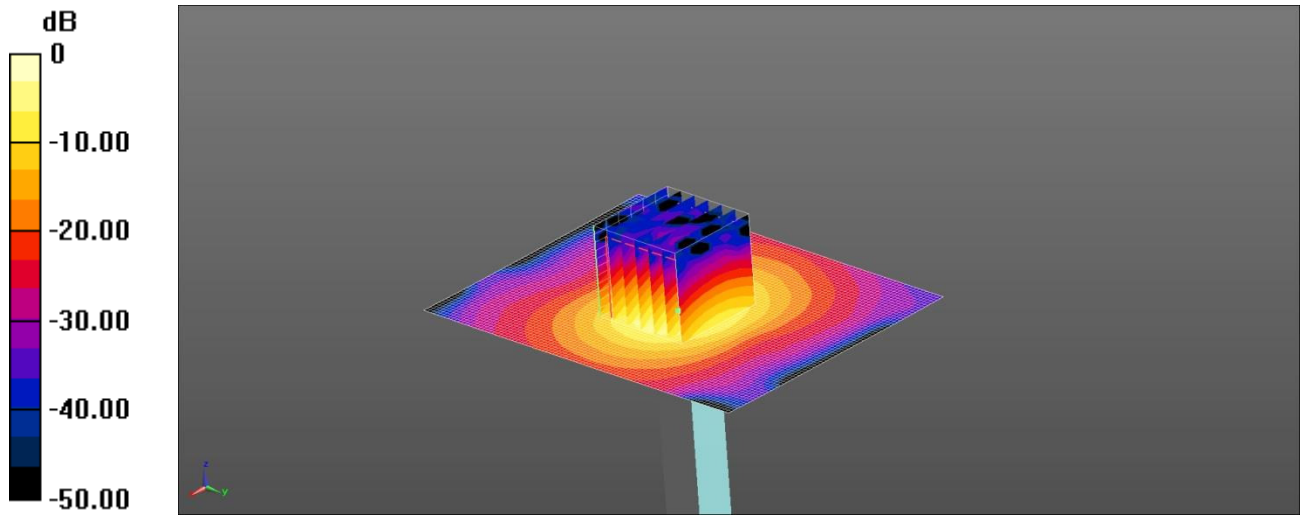


0 dB = 17.1 W/kg = 12.33 dBW/kg

Communication System: UID 0, CW (0); Frequency: 5600 MHz;Duty Cycle: 1:1
Medium: 5200/5500/5800 MHz HSL Medium parameters used: f = 5600 MHz; σ = 4.951 S/m; ε_r = 33.972; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3994; ConvF(4.77, 4.77, 4.77); Calibrated: 17/03/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 16/09/2014
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/d=10mm, Pin=100mW 2 2 2/Area Scan (71x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 17.2 W/kg
Configuration/d=10mm, Pin=100mW 2 2 2/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 20.664 V/m; Power Drift = -0.23 dB
Peak SAR (extrapolated) = 37.4 W/kg
SAR(1 g) = 8.05 W/kg; SAR(10 g) = 2.21 W/kg
Maximum value of SAR (measured) = 17.1 W/kg

017: System Performance Check 5600MHz Body 13 04 15
Date: 13/04/15
DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016

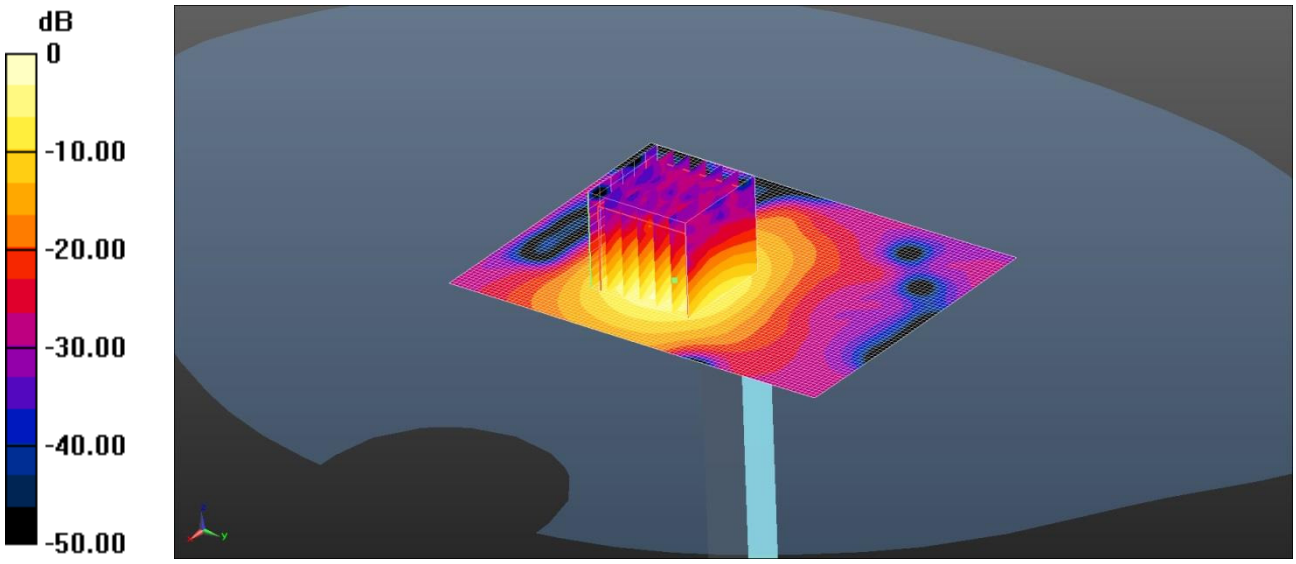


0 dB = 16.3 W/kg = 12.12 dBW/kg
Communication System: UID 0, CW (0); Frequency: 5600 MHz;Duty Cycle: 1:1
Medium: 5GHz MSL Medium parameters used: f = 5600 MHz; σ = 5.889 S/m; ε_r = 47.431; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(3.79, 3.79, 3.79); Calibrated: 18/09/14;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/04/14
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/d=10mm, Pin=100mW/Area Scan (71x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 16.5 W/kg

Configuration/d=10mm, Pin=100mW/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 36.11 V/m; Power Drift = -0.20 dB
Peak SAR (extrapolated) = 33.9 W/kg
SAR(1 g) = 7.53 W/kg; SAR(10 g) = 2.04 W/kg
Maximum value of SAR (measured) = 16.3 W/kg

018: System Performance Check 5750MHz Head 16 04 15
Date: 16/04/2015
DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016

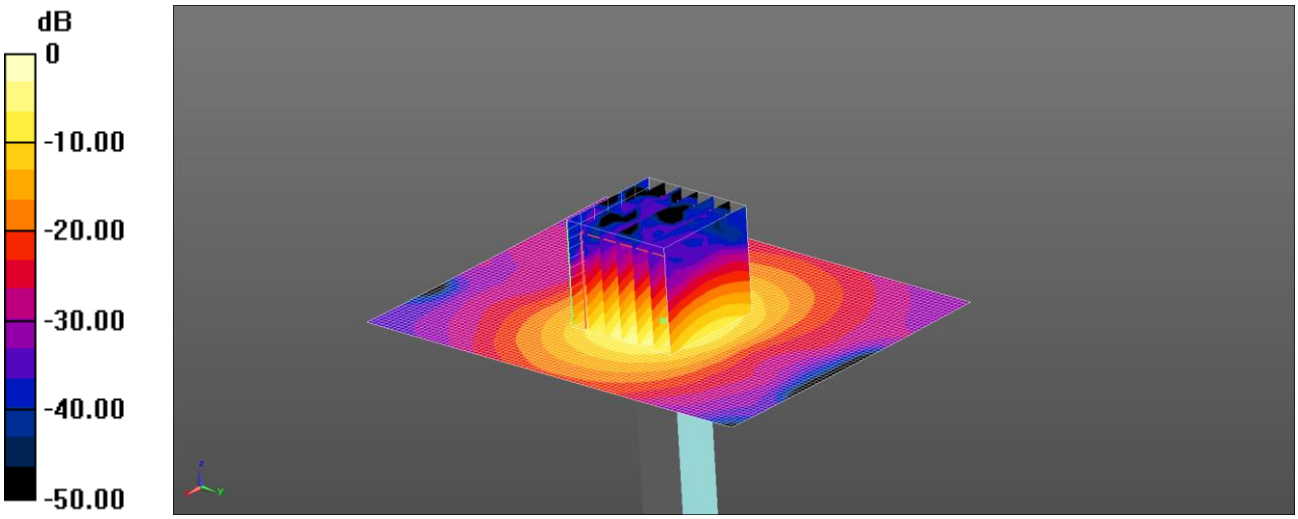


0 dB = 16.4 W/kg = 12.15 dBW/kg

Communication System: UID 0, CW (0); Frequency: 5750 MHz;Duty Cycle: 1:1
Medium: 5200/5500/5800 MHz HSL Medium parameters used: f = 5750 MHz; σ = 5.124 S/m; ε_r = 33.84; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3994; ConvF(4.73, 4.73, 4.73); Calibrated: 17/03/2015;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 16/09/2014
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/d=10mm, Pin=100mW 2 2/Area Scan (71x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 16.2 W/kg
Configuration/d=10mm, Pin=100mW 2 2/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 20.536 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 34.6 W/kg
SAR(1 g) = 7.83 W/kg; SAR(10 g) = 2.2 W/kg
Maximum value of SAR (measured) = 16.4 W/kg

019: System Performance Check 5750MHz Body 13 04 15
Date: 13/04/15
DUT: 5GHz Dipole; Type: D5GHzV2; Serial: SN 1016



0 dB = 16.1 W/kg = 12.07 dBW/kg

Communication System: UID 0, CW (0); Frequency: 5750 MHz;Duty Cycle: 1:1
Medium: 5GHz MSL Medium parameters used: f = 5750 MHz; σ = 6.131 S/m; ε_r = 47.05; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(4.06, 4.06, 4.06); Calibrated: 18/09/14;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/04/14
- Phantom: ELI v5.0 (30deg probe tilt); Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/d=10mm, Pin=100mW/Area Scan (71x91x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 16.8 W/kg

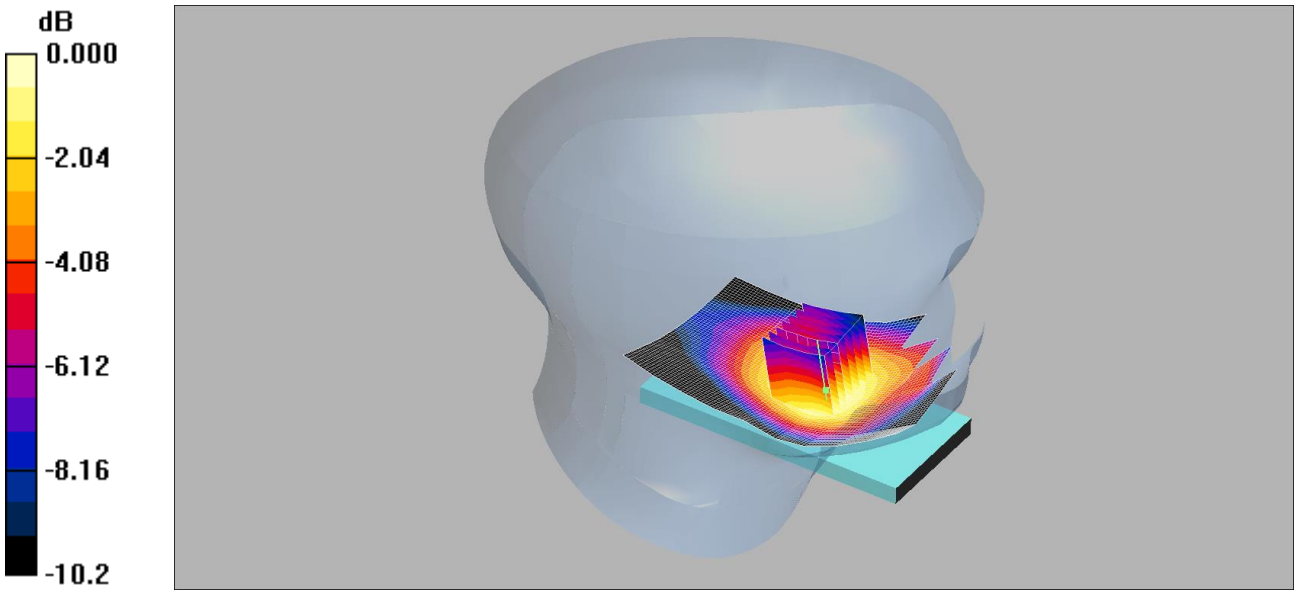
Configuration/d=10mm, Pin=100mW/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 34.34 V/m; Power Drift = -0.21 dB
Peak SAR (extrapolated) = 34.4 W/kg
SAR(1 g) = 7.4 W/kg; SAR(10 g) = 2 W/kg
Maximum value of SAR (measured) = 16.1 W/kg

12.3. SAR Test Plots – A1428

This appendix contains the following SAR distribution scans.

Scan Reference Number	Title
001	Touch Left_GSM850_Voice_CH190
002	Back of EUT-Body-Worn_GSM850_Voice_CH190
003	Back of EUT-Hotspot_GSM850_GPRS 2Tx_CH251
004	Touch Right_PCS1900_Voice_CH512
005	Back of EUT_Body-Worn_PCS1900_Voice_CH661
006	Back of EUT_Body-Worn_PCS1900_GPRS 2Tx_CH810
007	Touch Right_UMTS FDD 2_RMC 12.2kbps_CH9262
008	Back of EUT_Body-Worn_UMTS FDD 2_RMC 12.2kbps_CH9400
009	Touch Right_UMTS FDD 4_RMC 12.2kbps_CH1413
010	Front of EUT-Body-Worn_UMTS FDD 4_RMC 12.2kbps_CH1413
011	Touch Left_UMTS FDD 5_RMC 12.2kbps_CH4233
012	Back of EUT-Body-Worn_UMTS FDD 5_RMC 12.2kbps_CH4233
013	Back of EUT_Body-Worn_LTE FDD 2_20MHz 1RB Mid_CH18900
014	Touch Right_LTE FDD 4_20MHz 1RB High_CH20050
015	Touch Right_LTE FDD 4_20MHz 1RB High_CH20300
016	Touch Right_LTE FDD 4_20MHz 1RB Low_CH20050
017	Touch Right_LTE FDD 4_20MHz 1RB Mid_CH20300
018	Back of EUT-Body-Worn_LTE FDD 4_20MHz 1RB Mid_CH20175
019	Front of EUT-Body-Worn_LTE FDD 5_10MHz 1RB Mid_CH20525
020	Front of EUT-Body-Worn_LTE FDD 17_10MHz_1RB_Mid_CH23790
021	Touch Right_Wi-Fi 2.4GHz_802.11b 1Mbps_CH6
022	Back of EUT-Body-Worn_Wi-Fi 2.4GHz_802.11b 1Mbps_CH6
023	Touch Right_Wi-Fi_5GHz_802.11a_6Mbps_CH48
024	Front_of_EUT-Body-Worn_Wi-Fi 5GHz_802.11a 6Mbps_CH48
025	Touch Right_Wi-Fi_5GHz_802.11a_6Mbps_CH52
026	Front_of_EUT-Body-Worn_Wi-Fi 5GHz_802.11a 6Mbps_CH64
027	Touch Right_Wi-Fi_5GHz_802.11a_6Mbps_CH136
028	Front_of_EUT-Body-Worn_Wi-Fi 5GHz_802.11a 6Mbps_CH124
029	Touch Right_Wi-Fi_5GHz_802.11a_6Mbps_CH157
030	Front_of_EUT-Body-Worn_Wi-Fi 5GHz_802.11a 6Mbps_CH149
031	Back of EUT-Body-Worn_Bluetooth_1Mbps_CH39

001: Touch Left_GSM850_Voice_CH190
Date: 08/04/2015
DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

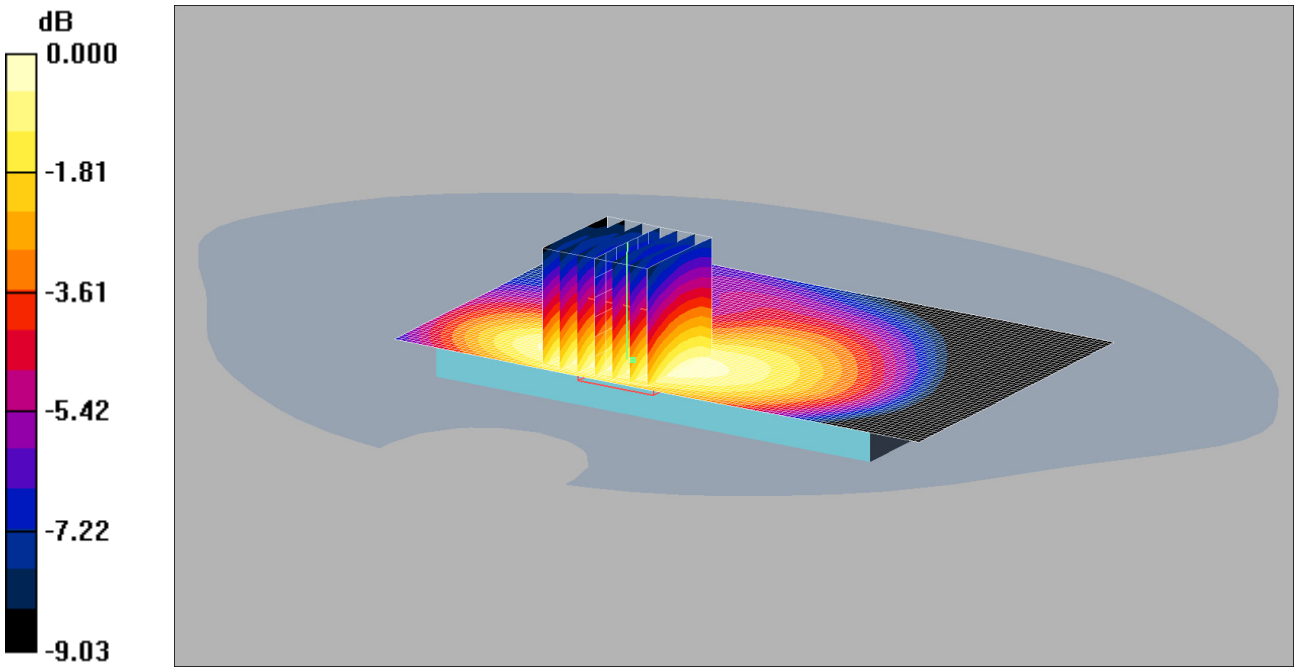


0 dB = 0.129mW/g

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 = 0.904 mho/m; ε_r = 41.1; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1529; ConvF(6.28, 6.28, 6.28);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

Touch Left - Middle/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.126 mW/g
Touch Left - Middle/Zoom Scan (5x5x7) 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.14 V/m; Power Drift = -0.053 dB
Peak SAR (extrapolated) = 0.149 W/kg
SAR(1 g) = 0.121 mW/g; SAR(10 g) = 0.091 mW/g
Maximum value of SAR (measured) = 0.129 mW/g

002: Back of EUT-Body-Worn_GSM850_Voice_CH190
Date: 08/04/2015
DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

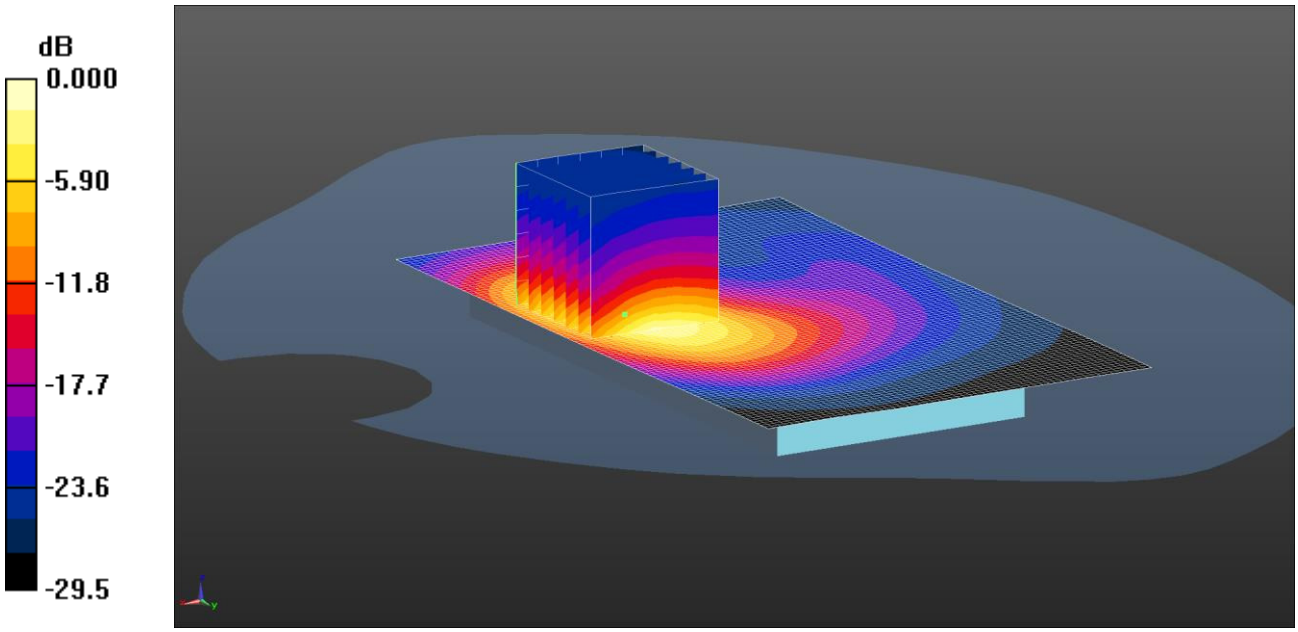


0 dB = 0.046mW/g

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 = 1.02 mho/m; ε_r = 53.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1529; ConvF(6, 6, 6);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

Back of EUT Facing Phantom - Middle 2/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.046 mW/g
Back of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.94 V/m; Power Drift = -0.019 dB
Peak SAR (extrapolated) = 0.056 W/kg
SAR(1 g) = 0.043 mW/g; SAR(10 g) = 0.031 mW/g
Maximum value of SAR (measured) = 0.046 mW/g

003: Back of EUT-Hotspot_GSM850_GPRS 2Tx_CH251
Date: 08/04/2015
DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX



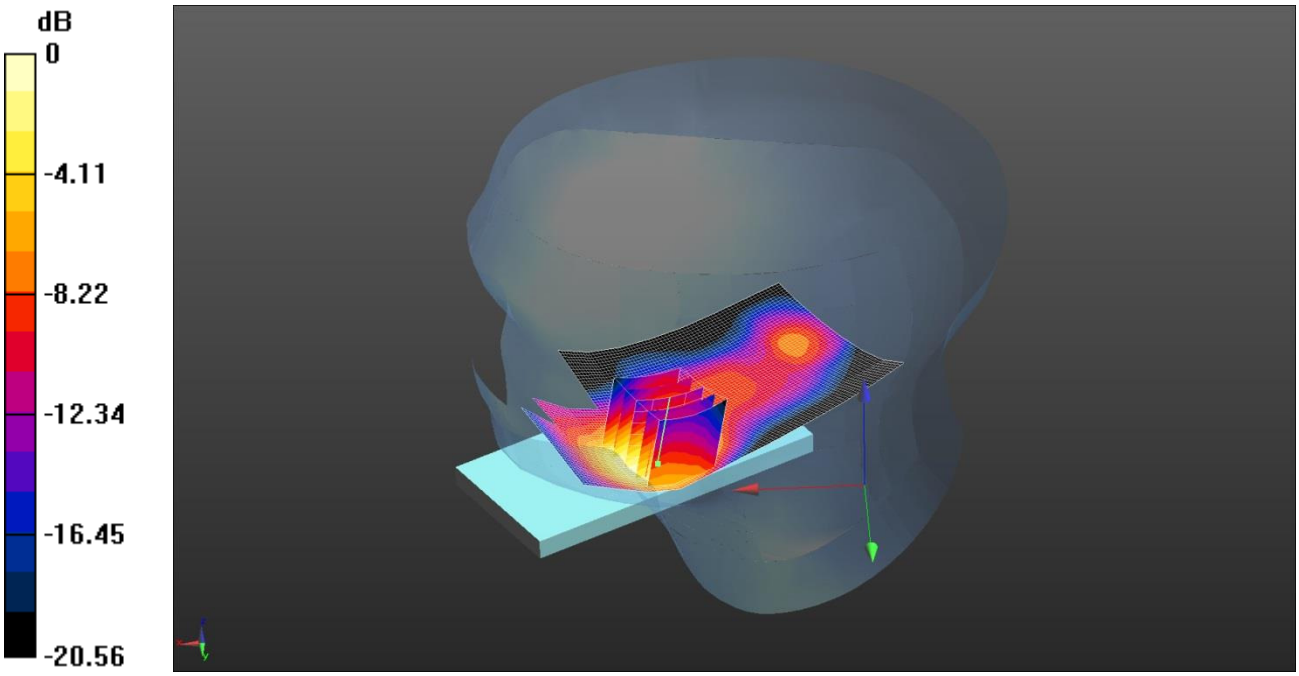
0 dB = 0.050mW/g

Communication System: GPRS 850 MHz 2TX; Frequency: 848.8 MHz;Duty Cycle: 1:4
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 848.8 MHz; σ = 1.02 mho/m; ε_r = 53.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1529; ConvF(6, 6, 6);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

Back of EUT Facing Phantom - Middle/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.048 mW/g
Back of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.13 V/m; Power Drift = -0.106 dB
Peak SAR (extrapolated) = 0.061 W/kg
SAR(1 g) = 0.047 mW/g; SAR(10 g) = 0.034 mW/g
Maximum value of SAR (measured) = 0.050 mW/g

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

004: Touch Right_PCS1900_Voice_CH512
Date: 15/04/2015
DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

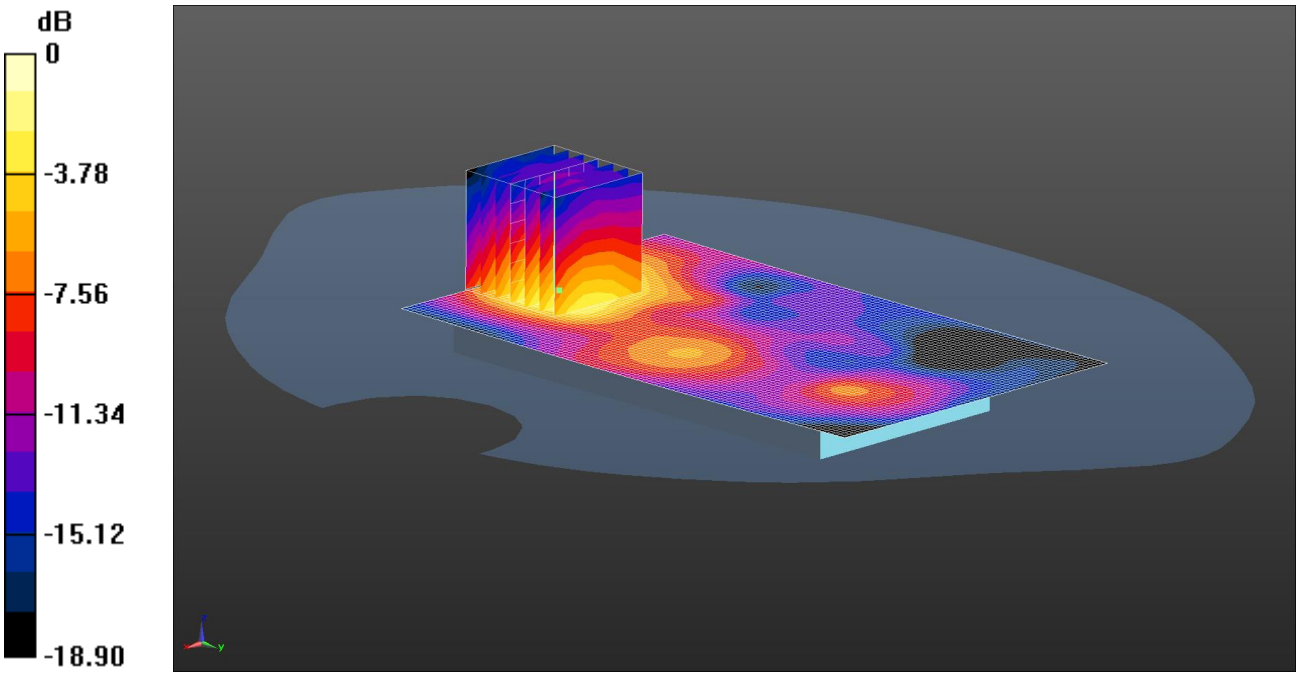


0 dB = 0.609 W/kg = -2.15 dBW/kg

Communication System: UID 0 - n/a, Generic GSM; Frequency: 1850.2 MHz;Duty Cycle: 1:8.30042
Medium: 1900 MHz HSL Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.385 S/m; ε_r = 39.26; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3335; ConvF(5.07, 5.07, 5.07); Calibrated: 29/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Touch Right- Low/Area Scan 2 (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.645 W/kg
Configuration/Touch Right- Low/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.099 V/m; Power Drift = 0.10 dB
Peak SAR (extrapolated) = 0.845 W/kg
SAR(1 g) = 0.552 W/kg; SAR(10 g) = 0.325 W/kg
Maximum value of SAR (measured) = 0.609 W/kg

005: Back of EUT_Body-Worn_PCS1900_Voice_CH661
Date: 16/04/2015
DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

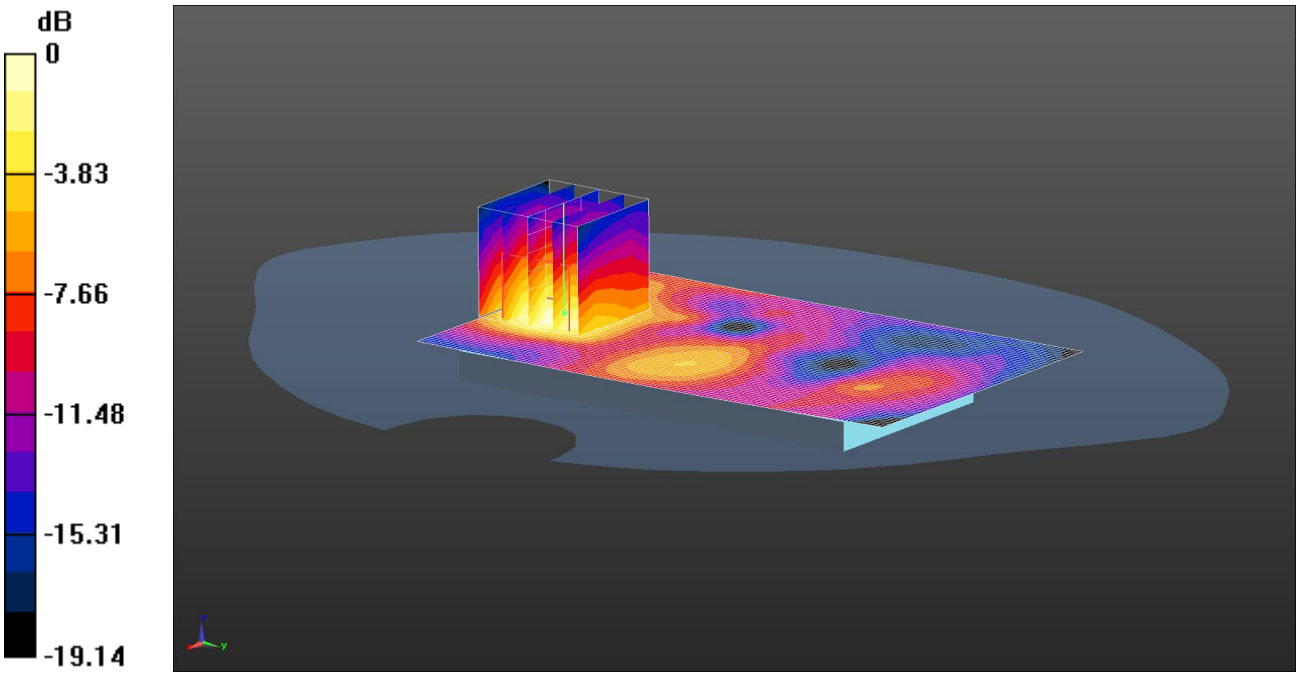


0 dB = 0.153 W/kg = -8.15 dBW/kg

Communication System: UID 0 - n/a, Generic GSM; Frequency: 1880 MHz;Duty Cycle: 1:8.30042
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1880 MHz; σ = 1.557 S/m; ε_r = 54.245; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3335; ConvF(4.69, 4.69, 4.69); Calibrated: 29/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Back of EUT Facing Phantom - Middle 2/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.147 W/kg
Configuration/Back of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.401 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 0.235 W/kg
SAR(1 g) = 0.140 W/kg; SAR(10 g) = 0.076 W/kg
Maximum value of SAR (measured) = 0.153 W/kg

006: Back of EUT_Body-Worn_PCS1900_GPRS 2Tx_CH810
Date: 17/04/2015
DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

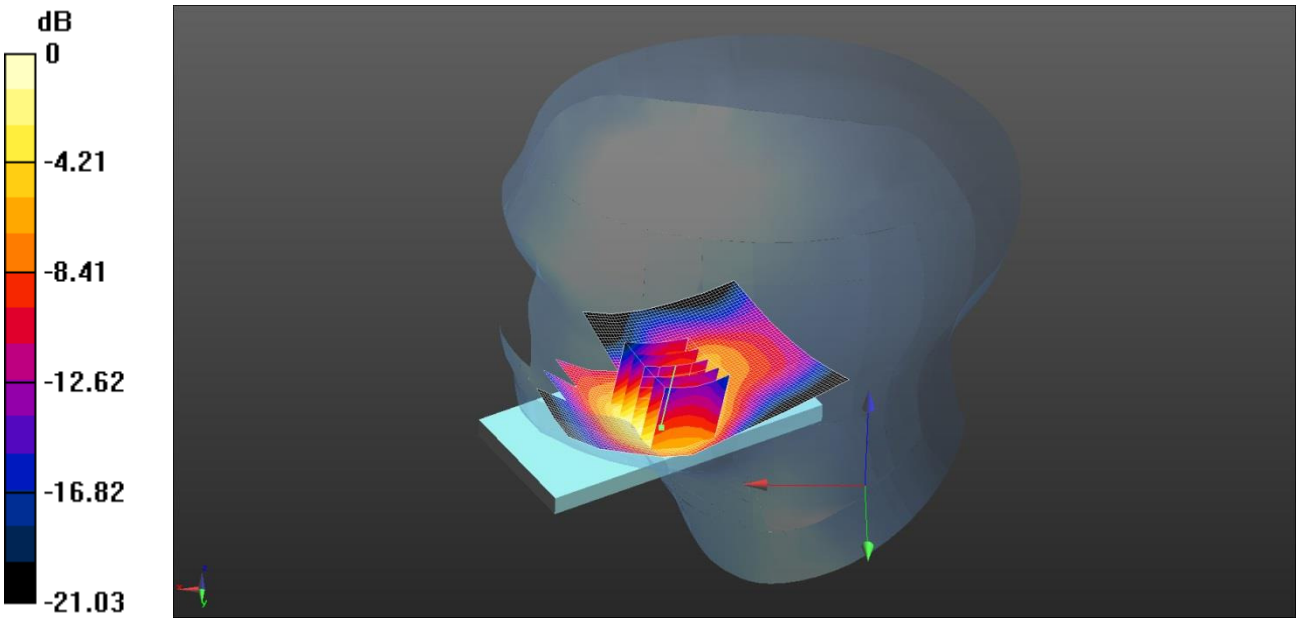


0 dB = 0.143 W/kg = -8.45 dBW/kg

Communication System: UID 0 - n/a, GPRS 2Tx; Frequency: 1909.8 MHz;Duty Cycle: 1:4.00037
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1909.8 MHz; σ = 1.585 S/m; ε_r = 54.123; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3335; ConvF(4.69, 4.69, 4.69); Calibrated: 29/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Back of EUT Facing Phantom - Middle 2/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.145 W/kg
Configuration/Back of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.636 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 0.228 W/kg
SAR(1 g) = 0.134 W/kg; SAR(10 g) = 0.072 W/kg
Maximum value of SAR (measured) = 0.143 W/kg

007: Touch Right_UMTS FDD 2_RMC 12.2kbps_CH9262
Date: 14/04/2015
DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

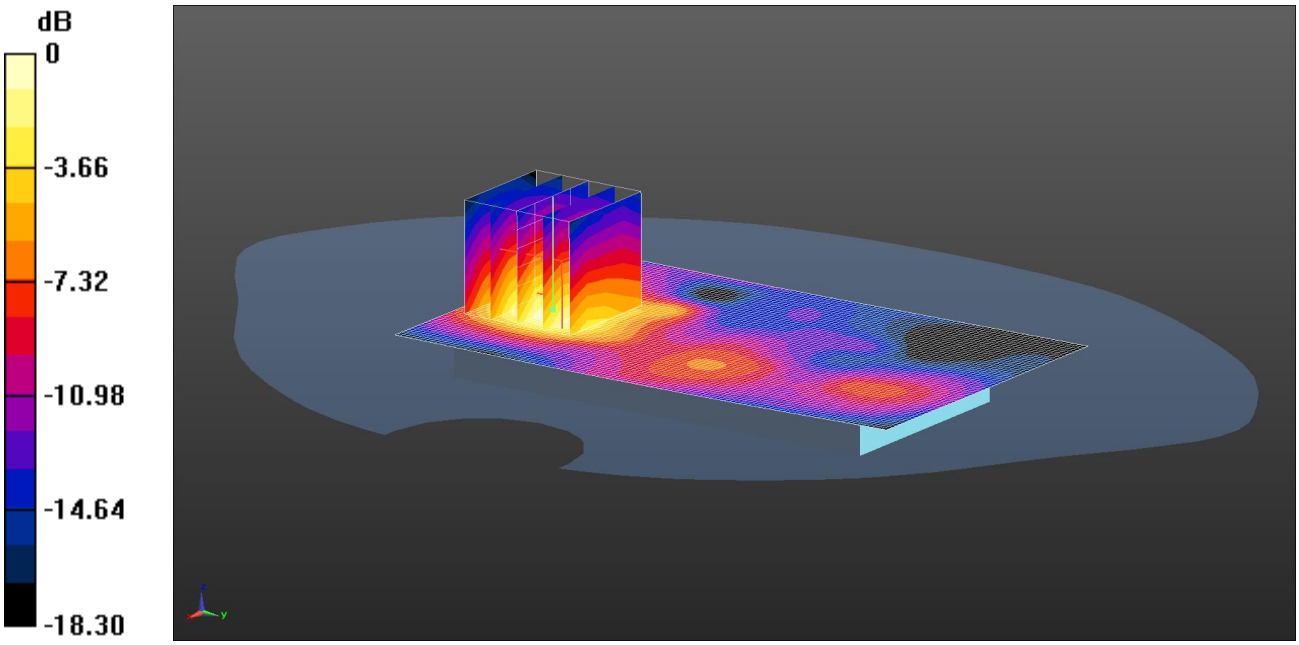


0 dB = 0.562 W/kg = -2.50 dBW/kg

Communication System: UID 0 - n/a, UMTS FDD ; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: 1900 MHz HSL Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.387 S/m; ε_r = 39.25; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3335; ConvF(5.07, 5.07, 5.07); Calibrated: 29/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Touch Right- Low/Area Scan 2 (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.583 W/kg
Configuration/Touch Right- Low/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.176 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.786 W/kg
SAR(1 g) = 0.518 W/kg; SAR(10 g) = 0.306 W/kg
Maximum value of SAR (measured) = 0.562 W/kg

008: Back of EUT_Body-Worn_UMTS FDD 2_RMC 12.2kbps_CH9400
Date: 17/04/2015
DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

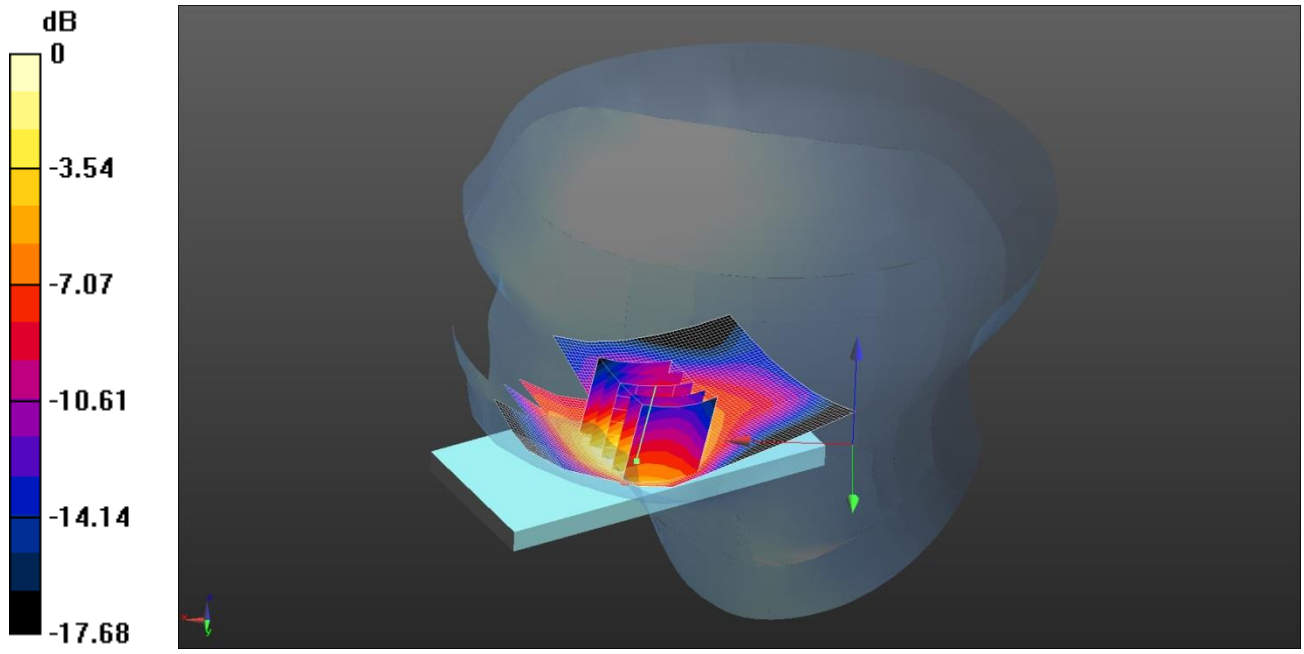


0 dB = 0.313 W/kg = -5.04 dBW/kg

Communication System: UID 0 - n/a, UMTS FDD ; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1880 MHz; σ = 1.557 S/m; ε_r = 54.245; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3335; ConvF(4.69, 4.69, 4.69); Calibrated: 29/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Back of EUT Facing Phantom - Middle 2/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.307 W/kg
Configuration/Back of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.251 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.479 W/kg
SAR(1 g) = 0.281 W/kg; SAR(10 g) = 0.152 W/kg
Maximum value of SAR (measured) = 0.313 W/kg

009: Touch Right_UMTS FDD 4_RMC 12.2kbps_CH1413
Date: 13/04/2015
DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

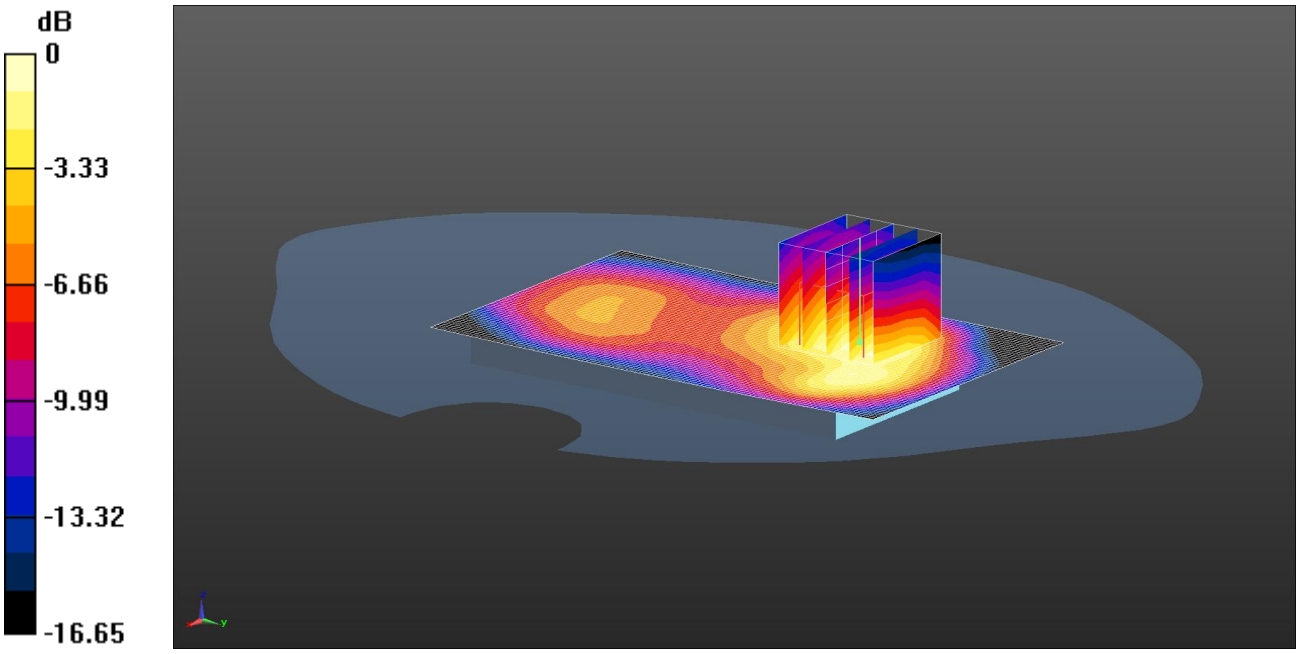


0 dB = 0.697 W/kg = -1.57 dBW/kg

Communication System: UID 0 - n/a, UMTS FDD ; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: 1800 MHz HSL Medium parameters used (interpolated): f = 1732.6 MHz; σ = 1.312 S/m; ε_r = 40.141; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3335; ConvF(5.21, 5.21, 5.21); Calibrated: 29/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Touch Right- Low/Area Scan 2 (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.749 W/kg
Configuration/Touch Right- Low/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.866 V/m; Power Drift = 0.20 dB
Peak SAR (extrapolated) = 0.946 W/kg
SAR(1 g) = 0.642 W/kg; SAR(10 g) = 0.388 W/kg
Maximum value of SAR (measured) = 0.697 W/kg

010: Front of EUT-Body-Worn_UMTS FDD 4_RMC 12.2kbps_CH1413
Date: 14/04/2015
DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

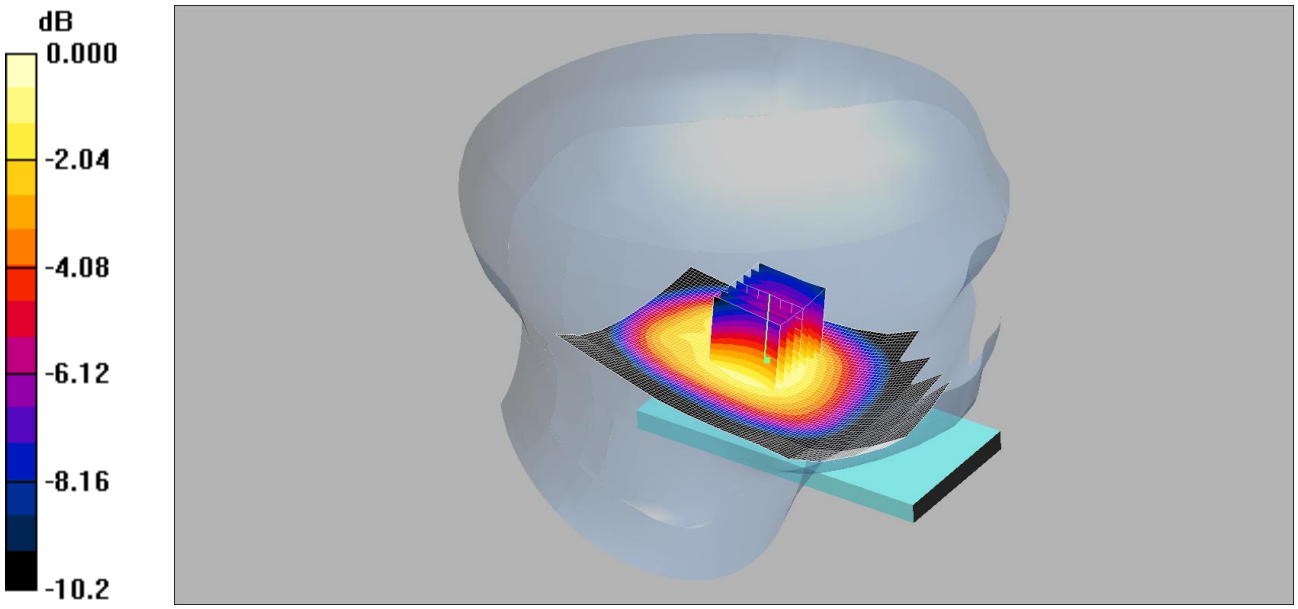


0 dB = 0.500 W/kg = -3.01 dBW/kg

Communication System: UID 0 - n/a, UMTS-FDD IV; Frequency: 1732.6 MHz;Duty Cycle: 1:1
Medium: 1800 MHz MSL Medium parameters used (interpolated): f = 1732.6 MHz; σ = 1.487 S/m; ε_r = 52.149; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3335; ConvF(4.91, 4.91, 4.91); Calibrated: 29/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

SAR/Front of the EUT Facing the Phantom - Middle/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.512 W/kg
SAR/Front of the EUT Facing the Phantom - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.202 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.699 W/kg
SAR(1 g) = 0.454 W/kg; SAR(10 g) = 0.271 W/kg
Maximum value of SAR (measured) = 0.500 W/kg

011: Touch Left_UMTS FDD 5_RMC 12.2kbps_CH4233
Date: 31/03/2015
DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

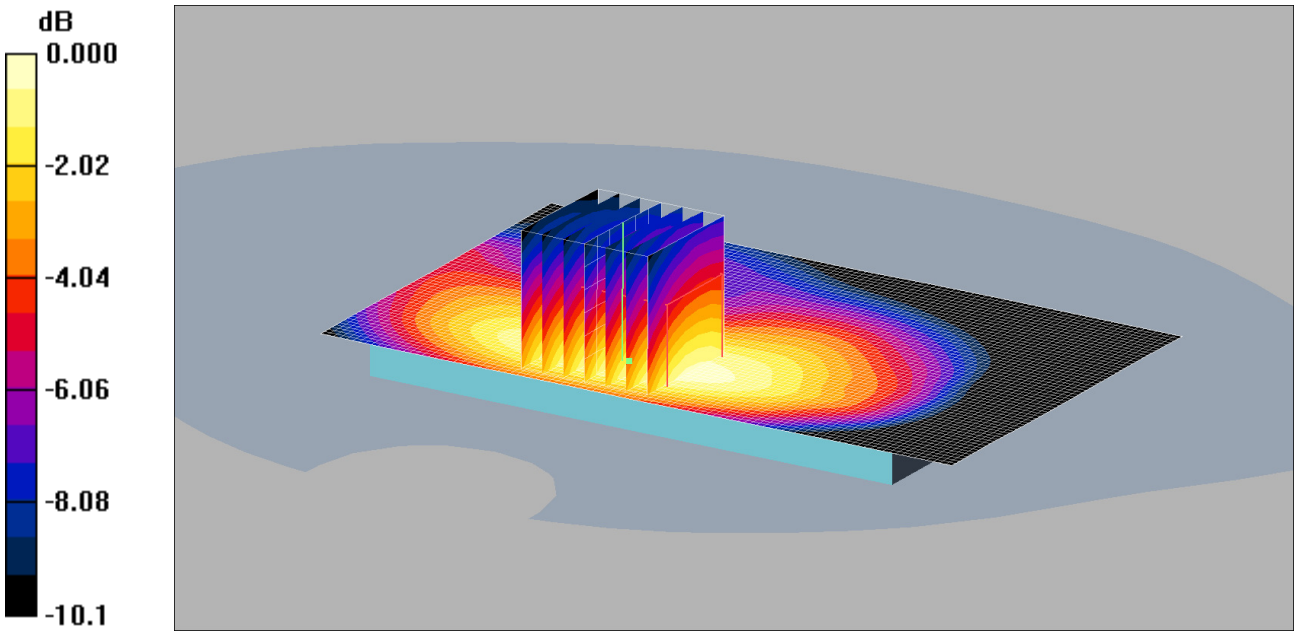


0 dB = 0.704mW/g

Communication System: UMTS-FDD 5; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: 900 MHz HSL Medium parameters used (interpolated): f = 846.6 MHz; σ = 0.896 mho/m; ε_r = 41.3; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1529; ConvF(6.28, 6.28, 6.28);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

Touch Left - Middle/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.713 mW/g
Touch Left - Middle/Zoom Scan (5x5x7) 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.0 V/m; Power Drift = -0.020 dB
Peak SAR (extrapolated) = 0.861 W/kg
SAR(1 g) = 0.671 mW/g; SAR(10 g) = 0.494 mW/g
Maximum value of SAR (measured) = 0.704 mW/g

012: Back of EUT-Body-Worn_UMTS FDD 5_RMC 12.2kbps_CH4233
Date: 01/04/2015
DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX



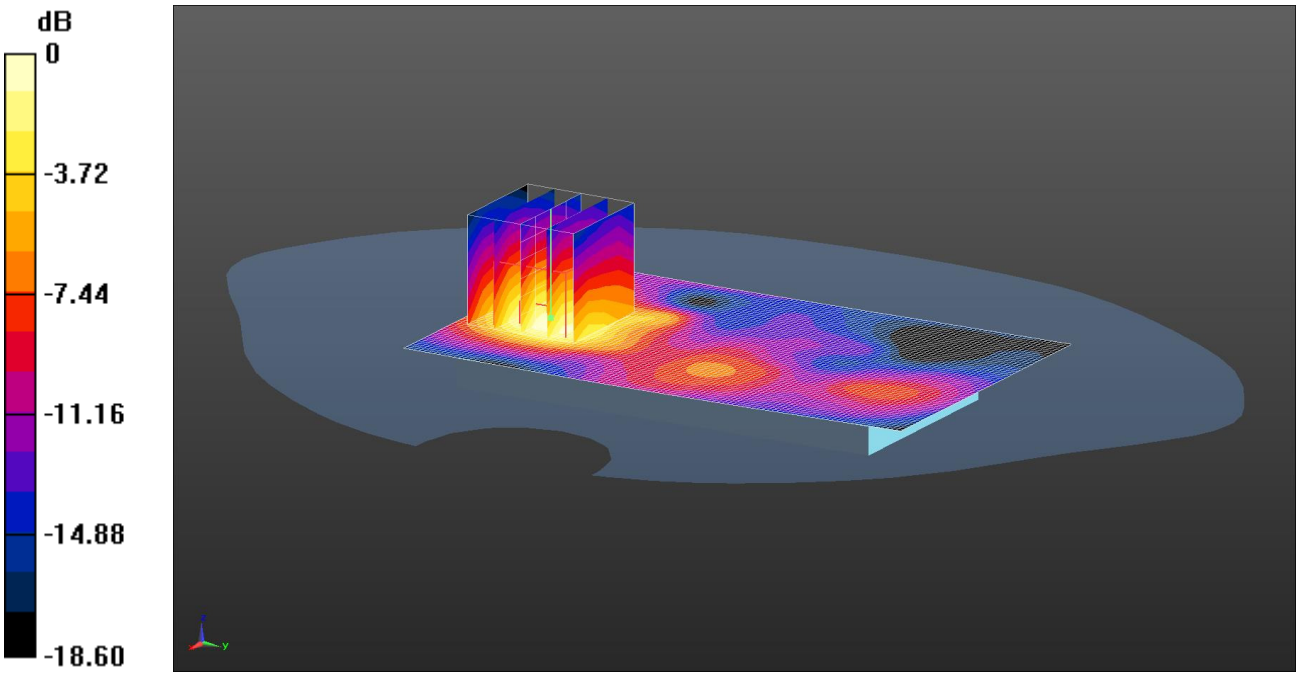
0 dB = 0.078mW/g

Communication System: UMTS-FDD 5; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 846.6 MHz; σ = 1.01 mho/m; ε_r = 53.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1529; ConvF(6, 6, 6);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

Back of EUT Facing Phantom - Middle/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.079 mW/g
Back of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.48 V/m; Power Drift = -0.066 dB
Peak SAR (extrapolated) = 0.096 W/kg
SAR(1 g) = 0.072 mW/g; SAR(10 g) = 0.051 mW/g
Maximum value of SAR (measured) = 0.078 mW/g

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

013: Back of EUT_Body-Worn_LTE FDD 2_20MHz 1RB Mid_CH18900
Date: 17/04/2015
DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

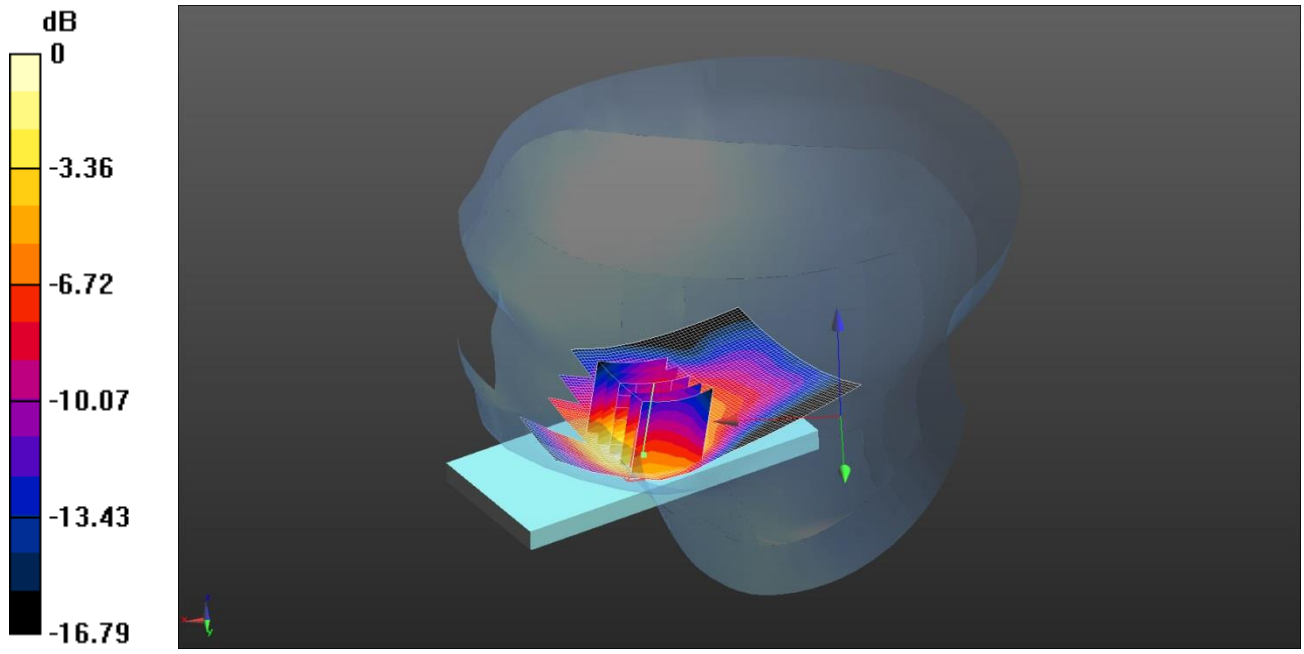


0 dB = 0.344 W/kg = -4.63 dBW/kg

Communication System: UID 0 - n/a, LTE FDD Bands - 20MHz Channel BW ; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1880 MHz; σ = 1.557 S/m; ε_r = 54.245; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3335; ConvF(4.69, 4.69, 4.69); Calibrated: 29/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Back of EUT Facing Phantom - Middle 2/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.350 W/kg
Configuration/Back of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.542 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.534 W/kg
SAR(1 g) = 0.314 W/kg; SAR(10 g) = 0.169 W/kg
Maximum value of SAR (measured) = 0.344 W/kg

014: Touch Right_LTE FDD 4_20MHz 1RB High_CH20050
Date: 13/04/2015
DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

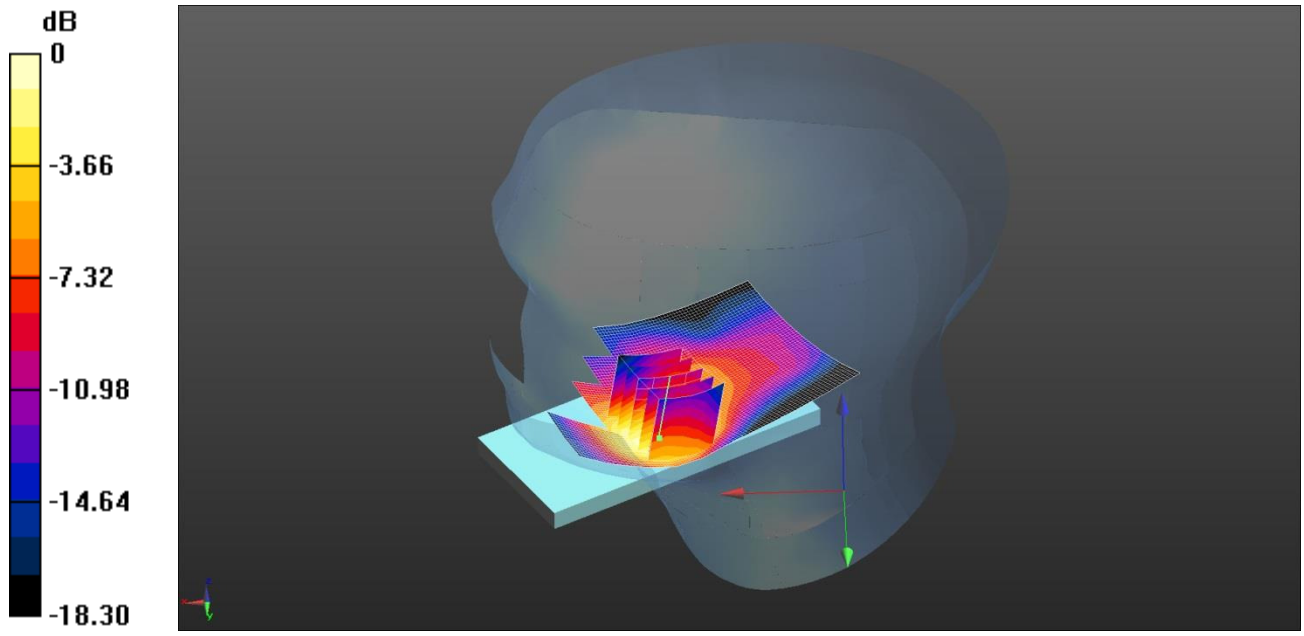


0 dB = 0.683 W/kg = -1.66 dBW/kg

Communication System: UID 0 - n/a, LTE - Band 4 / 20MHz Channel; Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: 1800 MHz HSL Medium parameters used (interpolated): f = 1720 MHz; σ = 1.299 S/m; ε_r = 40.191; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3335; ConvF(5.21, 5.21, 5.21); Calibrated: 29/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Touch Right- Low/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.696 W/kg
Configuration/Touch Right- Low/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 5.340 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.931 W/kg
SAR(1 g) = 0.633 W/kg; SAR(10 g) = 0.387 W/kg
Maximum value of SAR (measured) = 0.683 W/kg

015: Touch Right_LTE FDD 4_20MHz 1RB High_CH20300
Date: 13/04/2015
DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

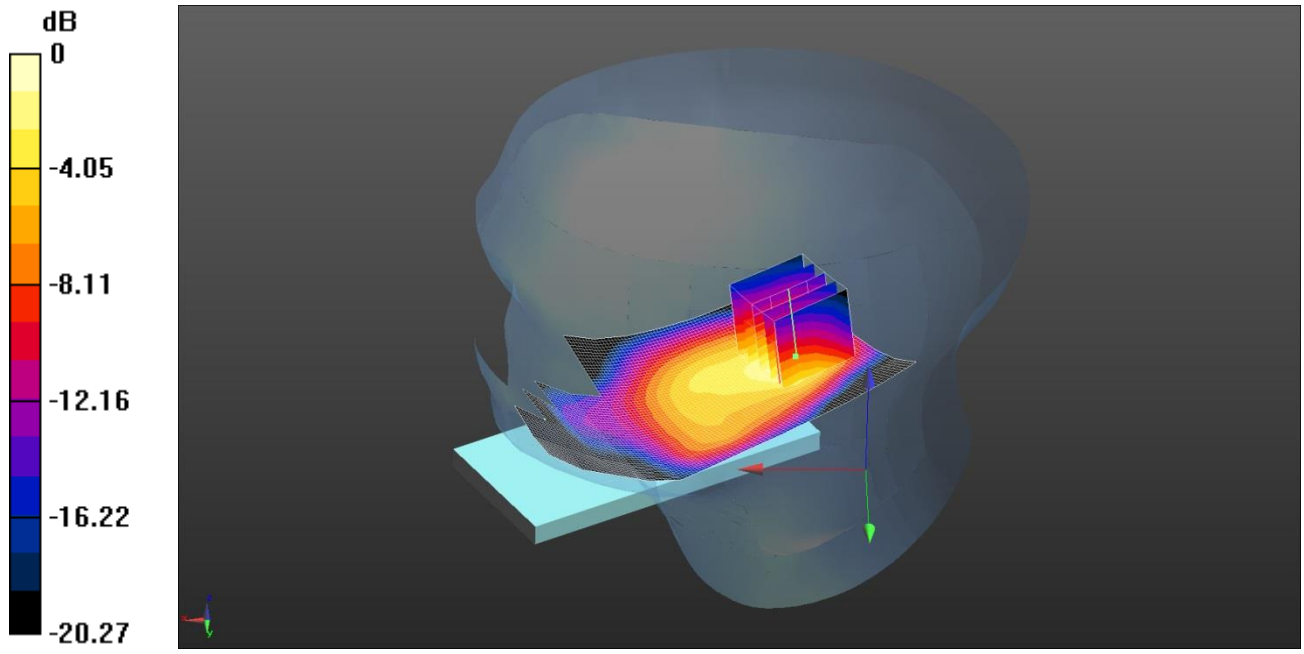


0 dB = 0.762 W/kg = -1.18 dBW/kg

Communication System: UID 0 - n/a, LTE FDD Bands - 20MHz Channel BW ; Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: 1800 MHz HSL Medium parameters used (interpolated): f = 1745 MHz; σ = 1.326 S/m; ε_r = 40.091; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3335; ConvF(5.21, 5.21, 5.21); Calibrated: 29/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Touch Right- Low/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.794 W/kg
Configuration/Touch Right- Low/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.635 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.699 W/kg; SAR(10 g) = 0.428 W/kg
Maximum value of SAR (measured) = 0.762 W/kg

016: Touch Right_LTE FDD 4_20MHz 1RB Low_CH20050
Date: 13/04/2015
DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

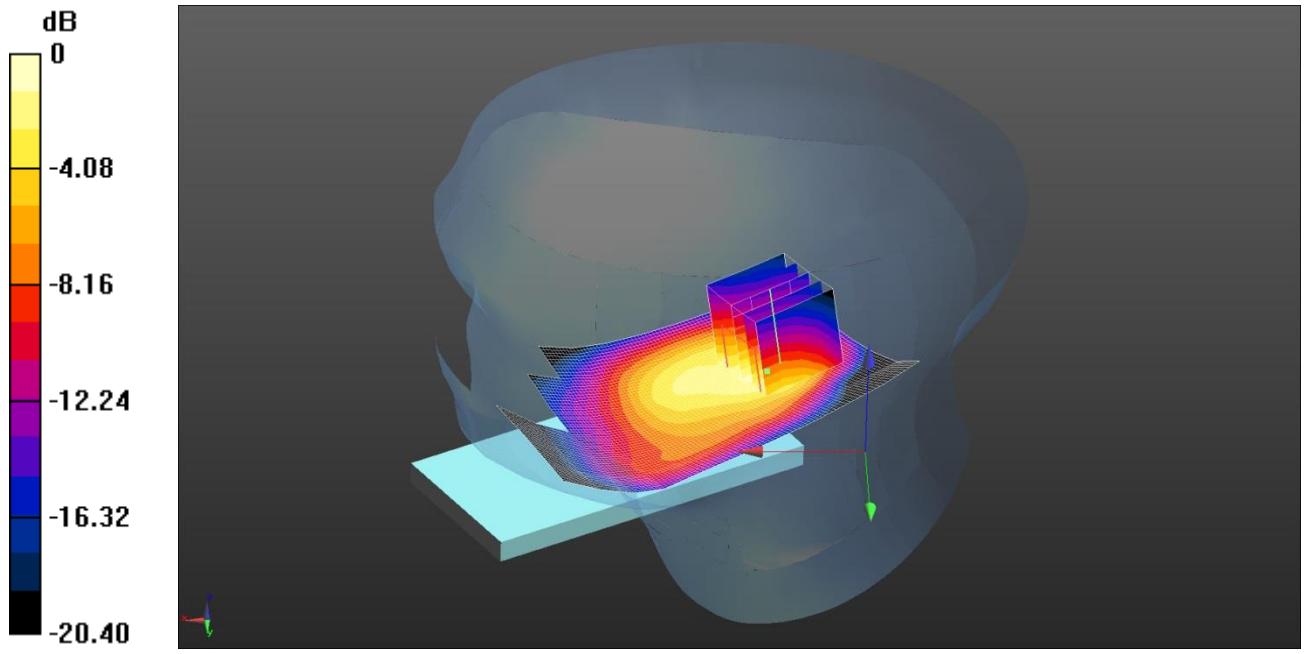


0 dB = 0.540 W/kg = -2.68 dBW/kg

Communication System: UID 0 - n/a, LTE FDD Bands - 20MHz Channel BW ; Frequency: 1720 MHz;Duty Cycle: 1:1
Medium: 1800 MHz HSL Medium parameters used (interpolated): f = 1720 MHz; σ = 1.299 S/m; ε_r = 40.191; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3335; ConvF(5.21, 5.21, 5.21); Calibrated: 29/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Touch Right- Low/Area Scan (61x111x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.512 W/kg
Configuration/Touch Right- Low/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 20.473 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.831 W/kg
SAR(1 g) = 0.479 W/kg; SAR(10 g) = 0.255 W/kg
Maximum value of SAR (measured) = 0.540 W/kg

017: Touch Right_LTE FDD 4_20MHz 1RB Mid_CH20300
Date: 13/04/2015
DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

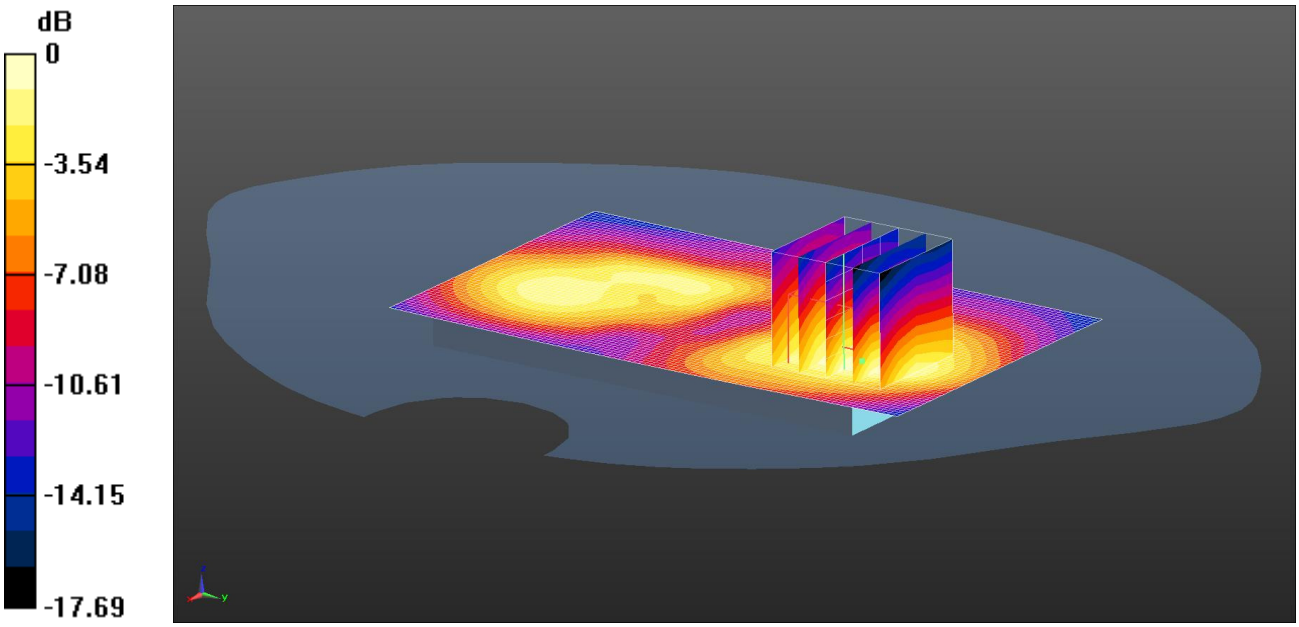


0 dB = 0.531 W/kg = -2.75 dBW/kg

Communication System: UID 0 - n/a, LTE FDD Bands - 20MHz Channel BW ; Frequency: 1745 MHz;Duty Cycle: 1:1
Medium: 1800 MHz HSL Medium parameters used (interpolated): f = 1745 MHz; σ = 1.326 S/m; ε_r = 40.091; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3335; ConvF(5.21, 5.21, 5.21); Calibrated: 29/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Touch Right- Low/Area Scan 2 (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.545 W/kg
Configuration/Touch Right- Low/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.715 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 0.837 W/kg
SAR(1 g) = 0.463 W/kg; SAR(10 g) = 0.248 W/kg
Maximum value of SAR (measured) = 0.531 W/kg

018: Back of EUT-Body-Worn_LTE FDD 4_20MHz 1RB Mid_CH20175
Date: 14/04/2015
DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

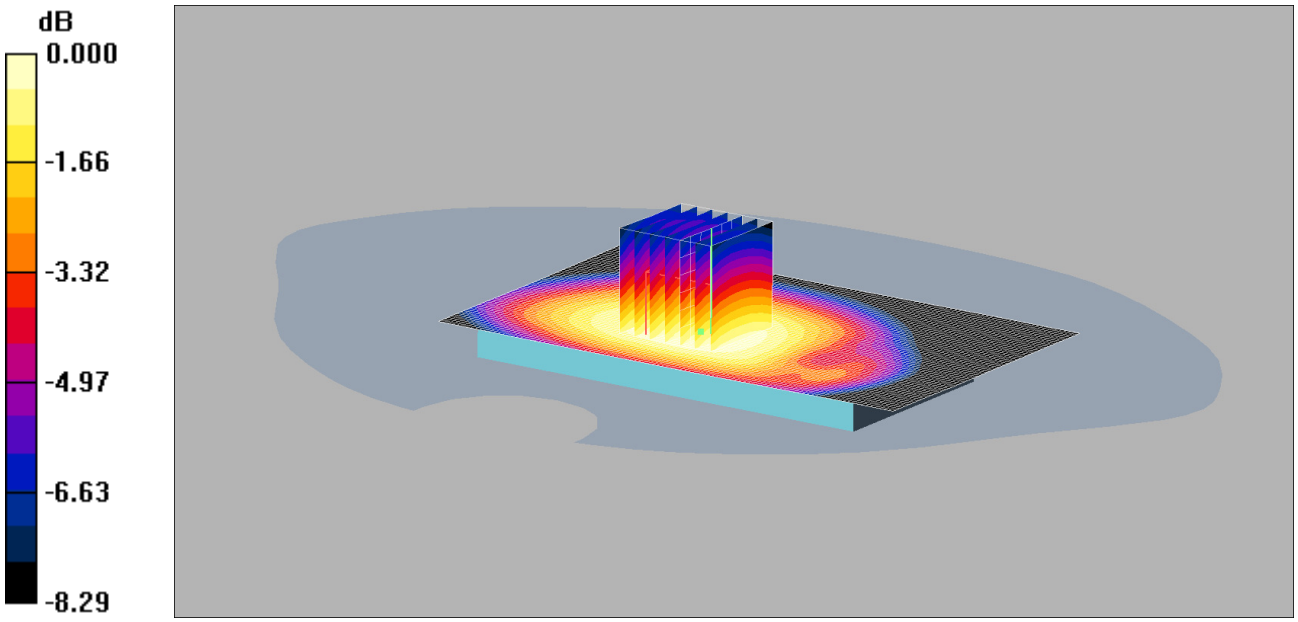


0 dB = 0.224 W/kg = -6.50 dBW/kg

Communication System: UID 0 - n/a, LTE FDD Bands - 20MHz Channel BW ; Frequency: 1732.5 MHz;Duty Cycle: 1:1
Medium: 1800 MHz MSL Medium parameters used (interpolated): f = 1732.5 MHz; σ = 1.487 S/m; ε_r = 52.149; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3335; ConvF(4.91, 4.91, 4.91); Calibrated: 29/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

SAR/Back of the EUT Facing the Phantom - Middle/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.234 W/kg
SAR/Back of the EUT Facing the Phantom - Middle/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.415 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.402 W/kg
SAR(1 g) = 0.217 W/kg; SAR(10 g) = 0.121 W/kg
Maximum value of SAR (measured) = 0.224 W/kg

019: Front of EUT-Body-Worn_LTE FDD 5_10MHz 1RB Mid_CH20525
Date: 08/04/2015
DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

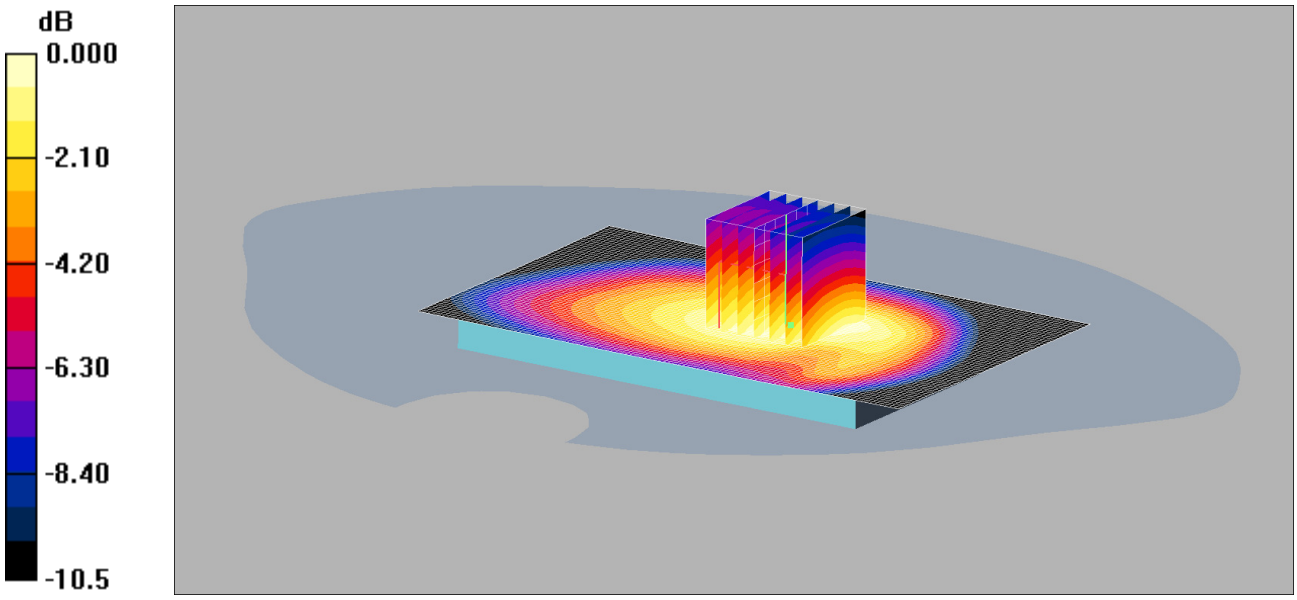


0 dB = 0.142mW/g

Communication System: LTE Band 5 / 10MHz; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 836.5 MHz; σ = 1.02 mho/m; ε_r = 53.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1529; ConvF(6, 6, 6);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

Front of EUT Facing Phantom - Middle 2/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.145 mW/g
Front of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.2 V/m; Power Drift = -0.026 dB
Peak SAR (extrapolated) = 0.165 W/kg
SAR(1 g) = 0.135 mW/g; SAR(10 g) = 0.104 mW/g
Maximum value of SAR (measured) = 0.142 mW/g

020: Front of EUT-Body-Worn_LTE FDD 17_10MHz_1RB_Mid_CH23790
Date: 09/04/2015
DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

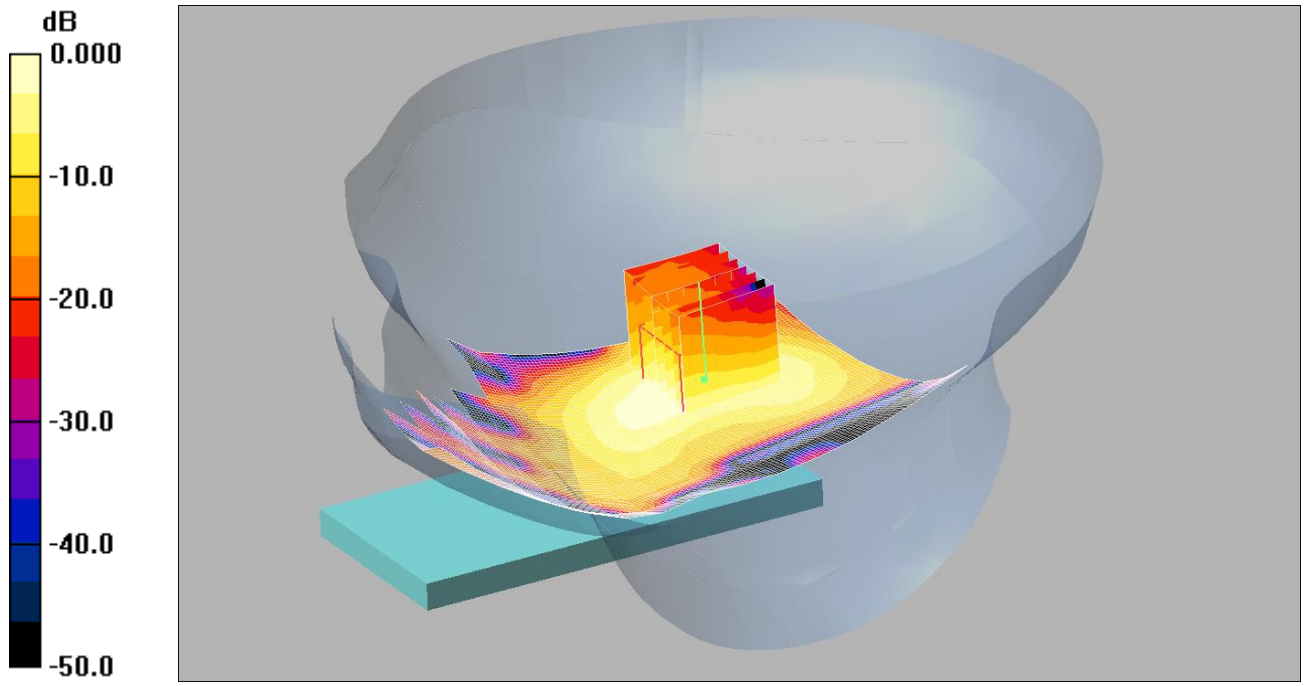


0 dB = 0.181mW/g

Communication System: LTE - Band 17 / 10MHz Channel; Frequency: 710 MHz;Duty Cycle: 1:1
Medium: 750/900 MHz MSL Medium parameters used (interpolated): f = 710 MHz; σ = 0.94 mho/m; ε_r = 54.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1529; ConvF(6.15, 6.15, 6.15);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

Front of EUT Facing Phantom - Middle 2/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.183 mW/g
Front of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 12.5 V/m; Power Drift = -0.001 dB
Peak SAR (extrapolated) = 0.228 W/kg
SAR(1 g) = 0.170 mW/g; SAR(10 g) = 0.123 mW/g
Maximum value of SAR (measured) = 0.181 mW/g

021: Touch Right_Wi-Fi 2.4GHz_802.11b 1Mbps_CH6
Date: 15/04/2015
DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX



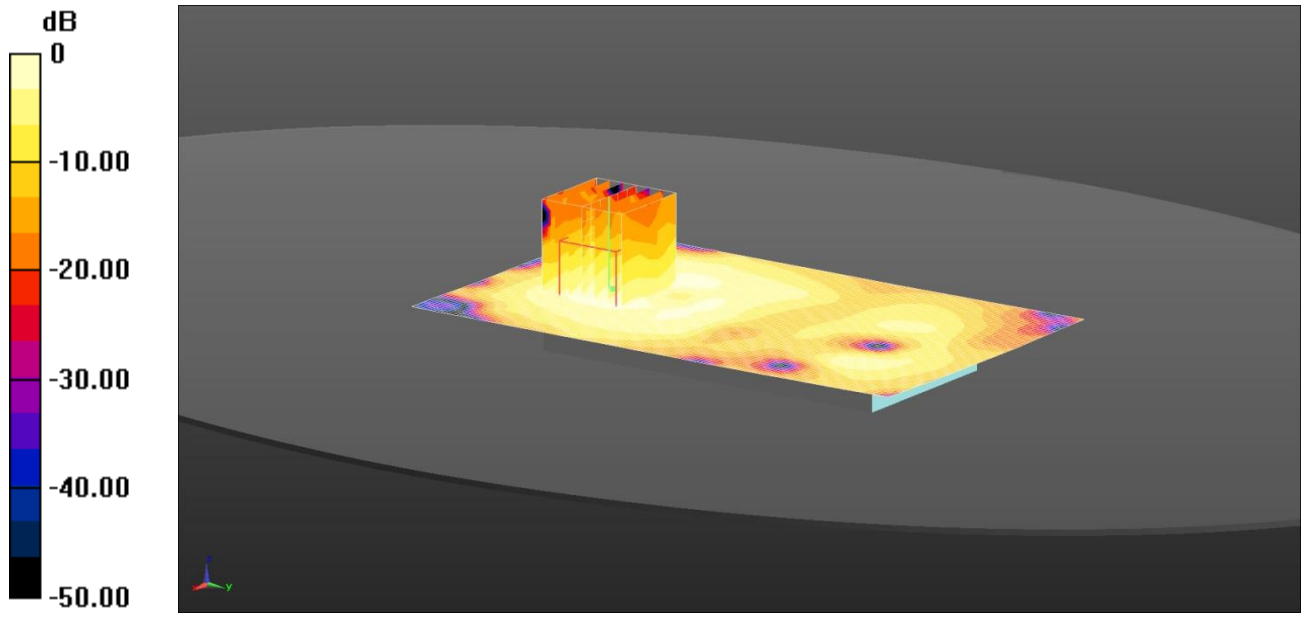
0 dB = 0.139mW/g

Communication System: WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: 2450 MHz HSL Medium parameters used (interpolated): f = 2437 MHz; σ = 2.01 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3304; ConvF(4.24, 4.24, 4.24);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 20/08/2014
- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch Right - Middle/Area Scan (91x151x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.145 mW/g

Touch Right - Middle/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.97 V/m; Power Drift = 0.031 dB
Peak SAR (extrapolated) = 0.258 W/kg
SAR(1 g) = 0.119 mW/g; SAR(10 g) = 0.055 mW/g
Maximum value of SAR (measured) = 0.139 mW/g

022: Back of EUT-Body-Worn_Wi-Fi 2.4GHz_802.11b 1Mbps_CH6
Date: 10/04/2015
DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX



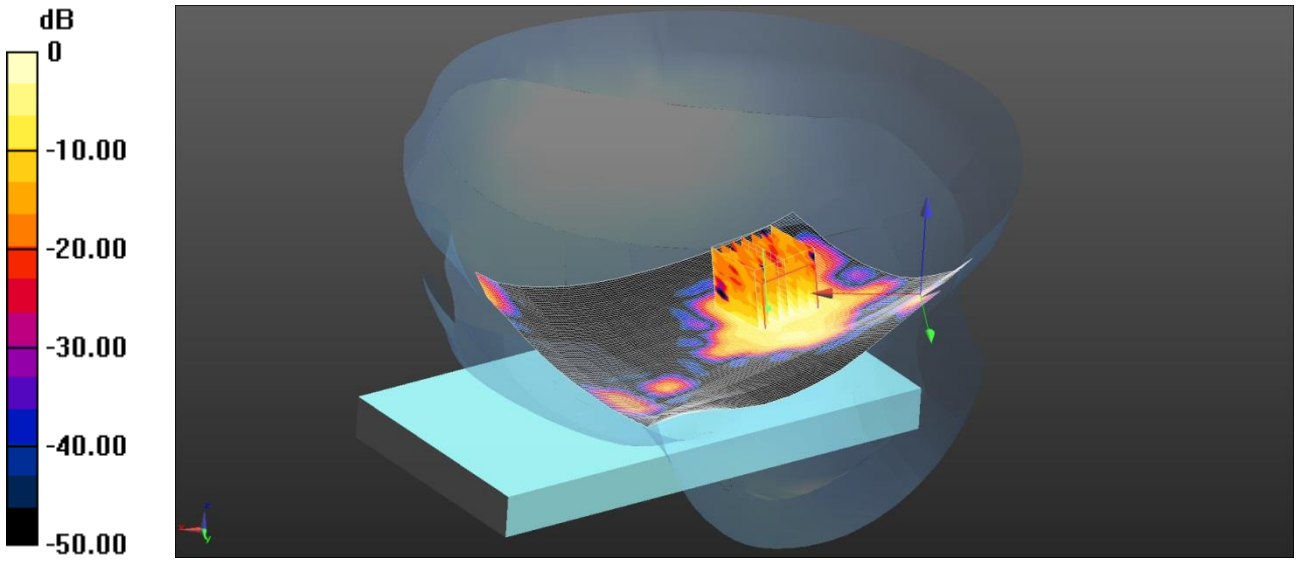
0 dB = 0.0346 W/kg = -14.61 dBW/kg

Communication System: UID 0 - n/a, WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: 2450 MHz MSL Medium parameters used (interpolated): f = 2437 MHz; σ = 2.006 S/m; ε_r = 52.601; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3304; ConvF(4.24, 4.24, 4.24); Calibrated: 21/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 20/08/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.9 (7117)

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) = 0.0314 W/kg
Configuration/Back of EUT Facing Phantom - Middle 2/Zoom Scan (7x7x7) 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.167 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 0.0700 W/kg
SAR(1 g) = 0.030 W/kg; SAR(10 g) = 0.014 W/kg
Maximum value of SAR (measured) = 0.0346 W/kg

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

023: Touch Right_Wi-Fi_5GHz_802.11a_6Mbps_CH48
Date: 17/04/2015
DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX



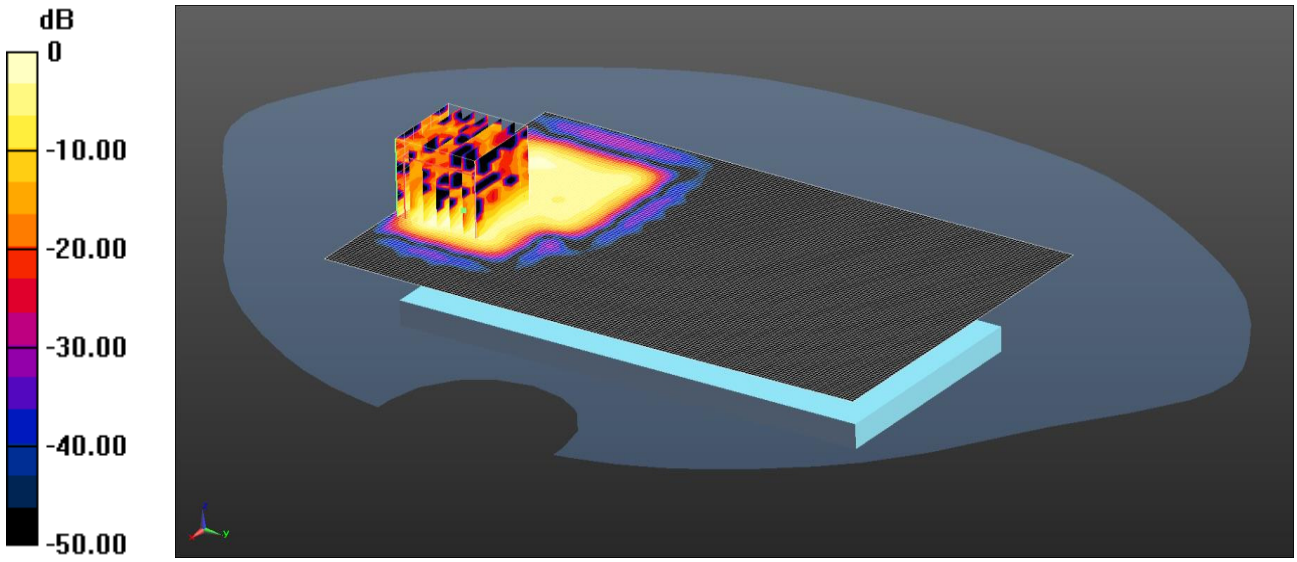
0 dB = 0.493 W/kg = -3.07 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: 5200/5500/5800 MHz HSL Medium parameters used (interpolated): f = 5240 MHz; σ = 4.572 S/m; ε_r = 34.511; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3994; ConvF(5.3, 5.3, 5.3); Calibrated: 17/03/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 16/09/2014
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Touch Right/Area Scan (131x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.543 W/kg

Configuration/Touch Right/Zoom Scan (7x7x12) 2 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.820 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 0.955 W/kg
SAR(1 g) = 0.389 W/kg; SAR(10 g) = 0.124 W/kg
Maximum value of SAR (measured) = 0.493 W/kg

024: Front_of_EUT-Body-Worn_Wi-Fi 5GHz_802.11a 6Mbps_CH48
Date: 09/04/2015
DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX



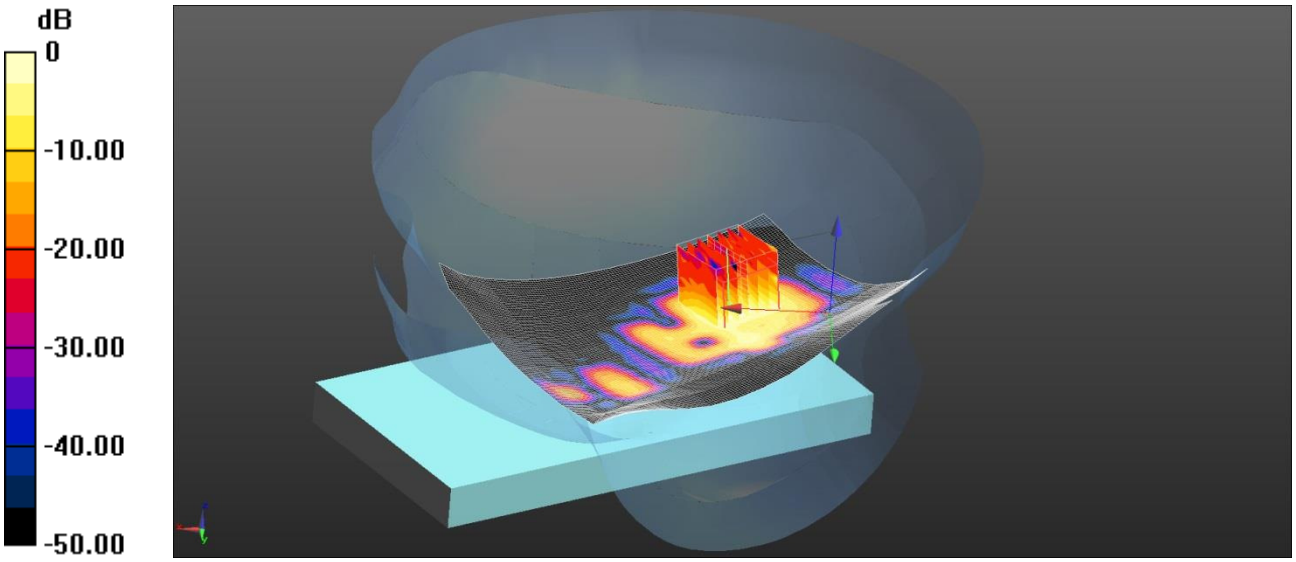
0 dB = 0.107 W/kg = -9.71 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: 5GHz MSL Medium parameters used (interpolated): f = 5240 MHz; σ = 5.309 S/m; ε_r = 48.61; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(4.38, 4.38, 4.38); Calibrated: 18/09/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/04/2014
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Bottom of EUT Facing Phantom/Area Scan (101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.132 W/kg
Configuration/Bottom of EUT Facing Phantom/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.804 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 0.502 W/kg
SAR(1 g) = 0.078 W/kg; SAR(10 g) = 0.026 W/kg
Maximum value of SAR (measured) = 0.107 W/kg

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

025: Touch Right_Wi-Fi_5GHz_802.11a_6Mbps_CH52
Date: 17/04/2015
DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX



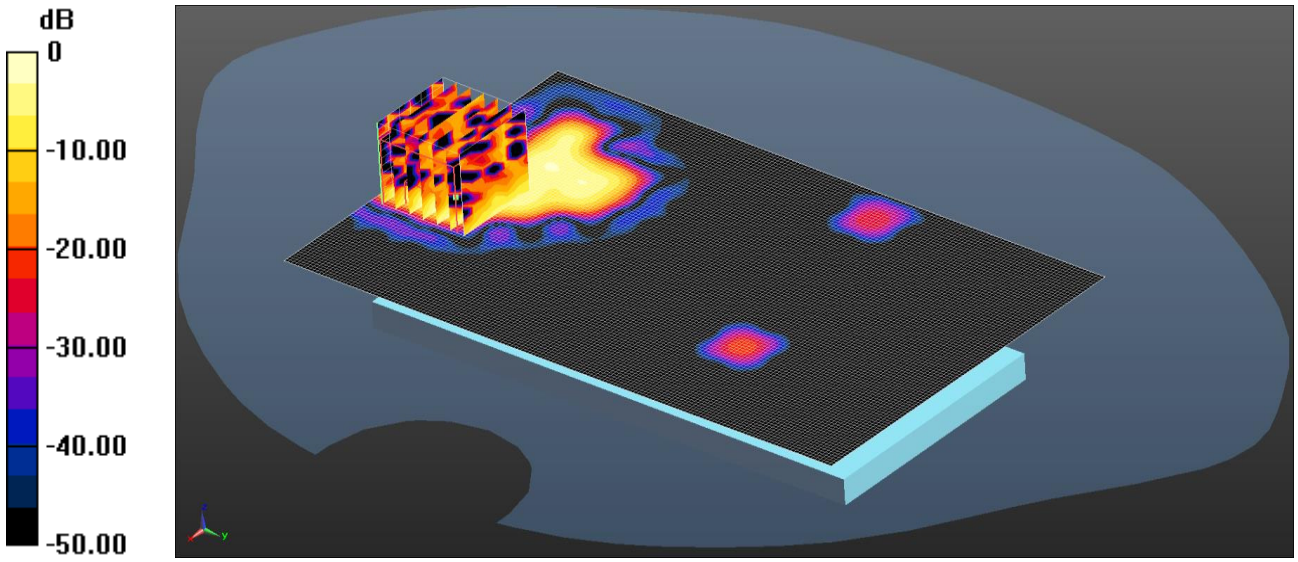
0 dB = 0.392 W/kg = -4.07 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5260 MHz;Duty Cycle: 1:1
Medium: 5200/5500/5800 MHz HSL Medium parameters used (interpolated): f = 5260 MHz; σ = 4.594 S/m; ε_r = 34.48; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3994; ConvF(5.3, 5.3, 5.3); Calibrated: 17/03/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 16/09/2014
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Touch Right/Area Scan (131x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.376 W/kg

Configuration/Touch Right/Zoom Scan (7x7x12) 2 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.297 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.988 W/kg
SAR(1 g) = 0.321 W/kg; SAR(10 g) = 0.101 W/kg
Maximum value of SAR (measured) = 0.392 W/kg

026: Front_of_EUT-Body-Worn_Wi-Fi 5GHz_802.11a 6Mbps_CH64
Date: 10/04/2015
DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX



0 dB = 0.104 W/kg = -9.83 dBW/kg

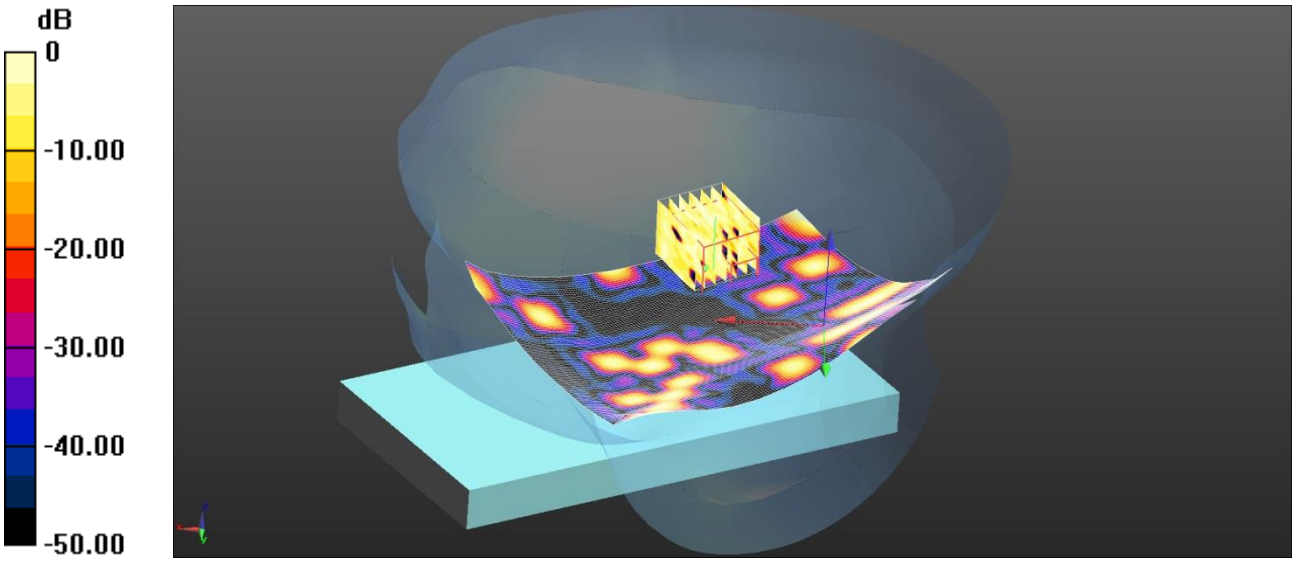
Communication System: UID 0, WLAN 802.11 (0); Frequency: 5320 MHz;Duty Cycle: 1:1
Medium: 5GHz MSL Medium parameters used (interpolated): f = 5320 MHz; σ = 5.433 S/m; ε_r = 48.377; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(4.18, 4.18, 4.18); Calibrated: 18/09/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/04/2014
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Front of EUT Facing Phantom/Area Scan (101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.210 W/kg

Configuration/Front of EUT Facing Phantom/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.411 W/kg
SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.024 W/kg
Maximum value of SAR (measured) = 0.104 W/kg

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

027: Touch Right_Wi-Fi_5GHz_802.11a_6Mbps_CH136
Date: 17/04/2015
DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX



0 dB = 0.0288 W/kg = -15.41 dBW/kg

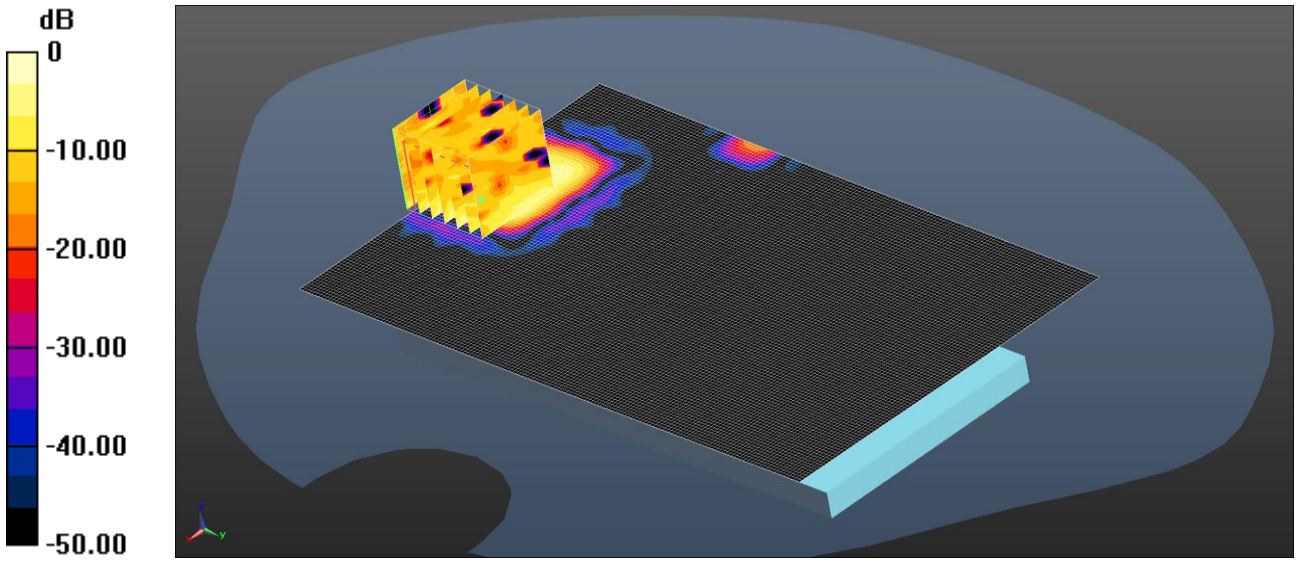
Communication System: UID 0, WLAN 802.11 (0); Frequency: 5680 MHz;Duty Cycle: 1:1
Medium: 5200/5500/5800 MHz HSL Medium parameters used (interpolated): f = 5680 MHz; σ = 5.026 S/m; ε_r = 33.896; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3994; ConvF(4.77, 4.77, 4.77); Calibrated: 17/03/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 16/09/2014
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Touch Right/Area Scan (131x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0274 W/kg

Configuration/Touch Right/Zoom Scan (7x7x12) 2 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.308 W/kg
SAR(1 g) = 0.018 W/kg; SAR(10 g) = 0.00604 W/kg
Maximum value of SAR (measured) = 0.0288 W/kg

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

028: Front_of_EUT-Body-Worn_Wi-Fi 5GHz_802.11a 6Mbps_CH124
Date: 14/04/2015
DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX



0 dB = 0.0713 W/kg = -11.47 dBW/kg

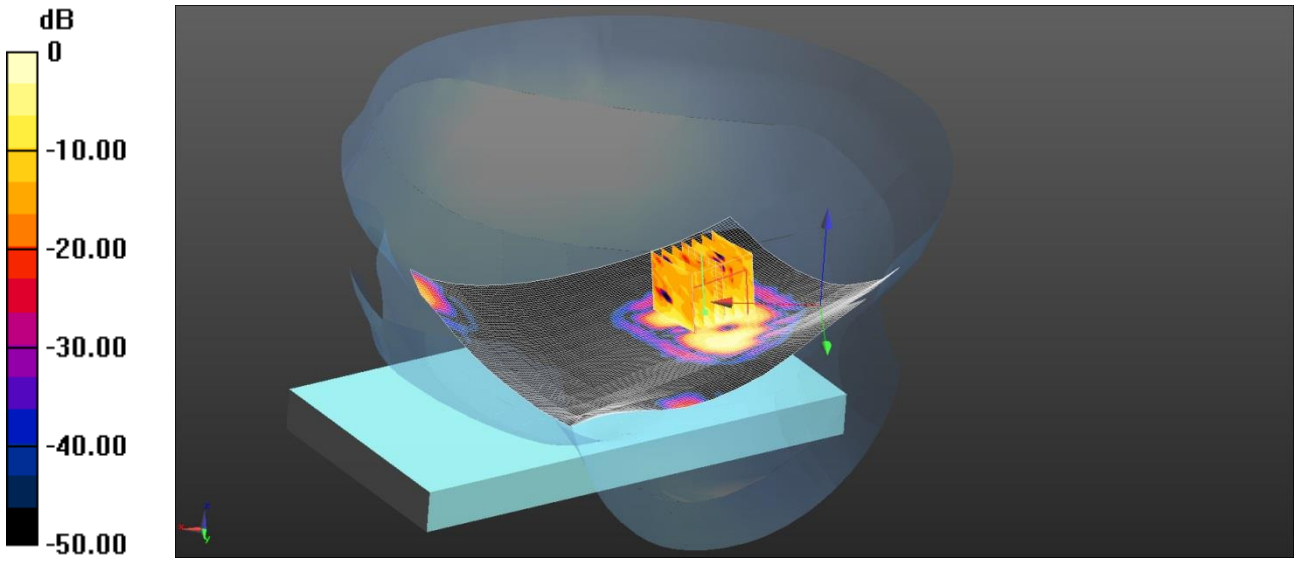
Communication System: UID 0, WLAN 802.11 (0); Frequency: 5620 MHz;Duty Cycle: 1:1
Medium: 5GHz MSL Medium parameters used (interpolated): f = 5620 MHz; σ = 5.921 S/m; ε_r = 47.376; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(3.79, 3.79, 3.79); Calibrated: 18/09/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/04/2014
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Front of EUT Facing Phantom 2/Area Scan (101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.0774 W/kg

Configuration/Front of EUT Facing Phantom 2/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.108 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 1.01 W/kg
SAR(1 g) = 0.105 W/kg; SAR(10 g) = 0.025 W/kg
Maximum value of SAR (measured) = 0.0713 W/kg

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

029: Touch Right_Wi-Fi_5GHz_802.11a_6Mbps_CH157
Date: 17/04/2015
DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX



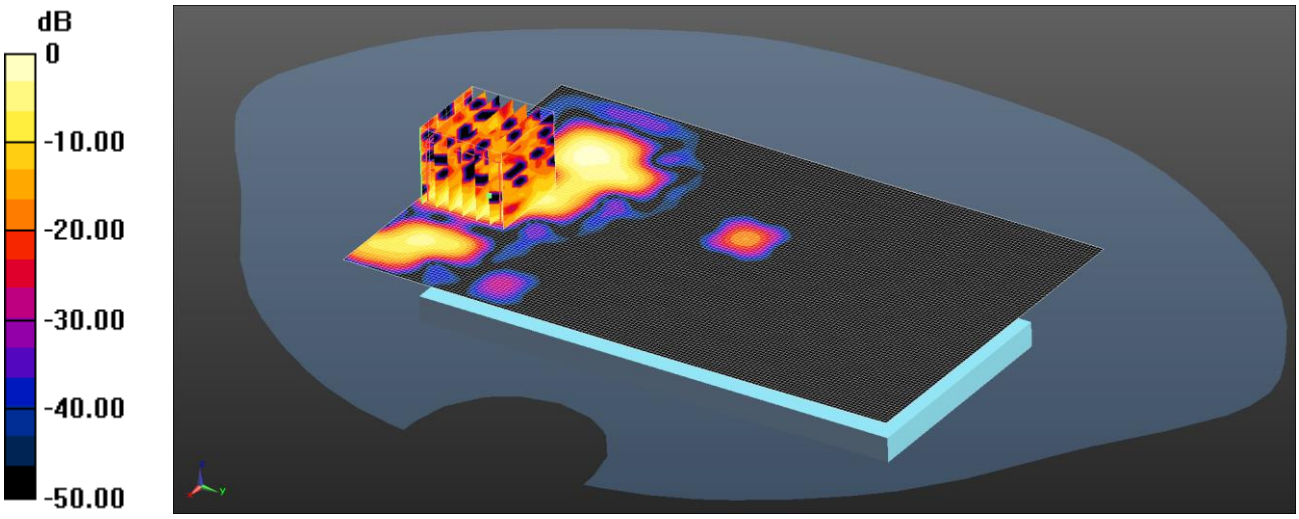
0 dB = 0.457 W/kg = -3.40 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5785 MHz;Duty Cycle: 1:1
Medium: 5200/5500/5800 MHz HSL Medium parameters used (interpolated): f = 5785 MHz; σ = 5.134 S/m; ε_r = 33.784; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3994; ConvF(4.73, 4.73, 4.73); Calibrated: 17/03/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 16/09/2014
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Touch Right/Area Scan (131x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.422 W/kg

Configuration/Touch Right/Zoom Scan (7x7x12) 2 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.912 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.93 W/kg
SAR(1 g) = 0.359 W/kg; SAR(10 g) = 0.099 W/kg
Maximum value of SAR (measured) = 0.457 W/kg

030: Front_of_EUT-Body-Worn_Wi-Fi 5GHz_802.11a 6Mbps_CH149
Date: 16/04/15
DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX



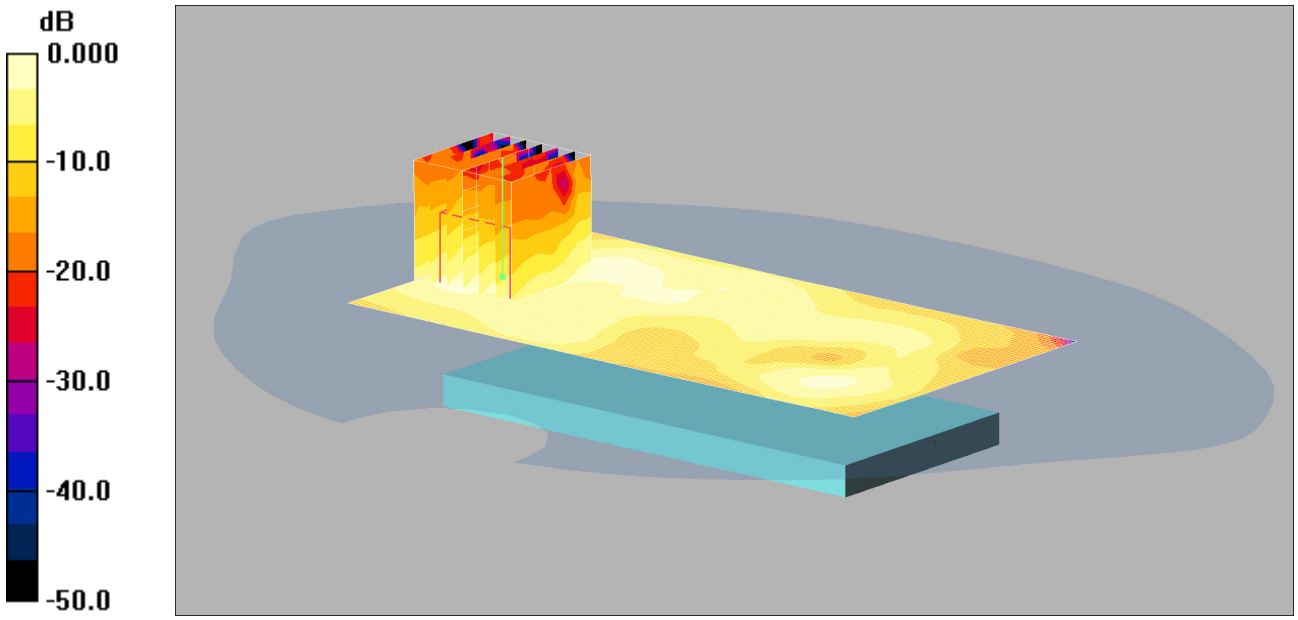
0 dB = 0.121 W/kg = -9.17 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5745 MHz;Duty Cycle: 1:1
Medium: 5GHz MSL Medium parameters used (interpolated): f = 5745 MHz; σ = 6.122 S/m; ε_r = 47.066; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(4.06, 4.06, 4.06); Calibrated: 18/09/14;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/04/14
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)
Configuration/Front of EUT Facing Phantom 2/Area Scan (101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.307 W/kg

Configuration/Front of EUT Facing Phantom 2/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.5480 V/m; Power Drift = -3.85 dB
Peak SAR (extrapolated) = 0.662 W/kg
SAR(1 g) = 0.101 W/kg; SAR(10 g) = 0.030 W/kg
Maximum value of SAR (measured) = 0.121 W/kg

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

031: Back of EUT-Body-Worn_Bluetooth_1Mbps_CH39
Date: 29/04/2015
DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX



0 dB = 0.023mW/g

Communication System: Bluetooth; Frequency: 2441 MHz;Duty Cycle: 1:1
Medium: 2450 MHz MSL Medium parameters used (interpolated): f = 2441 MHz; σ = 1.94 mho/m; ε_r = 52; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1529; ConvF(3.95, 3.95, 3.95);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

Back - Middle/Area Scan (71x131x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.021 mW/g
Back - Middle/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.58 V/m; Power Drift = 0.008 dB
Peak SAR (extrapolated) = 0.060 W/kg
SAR(1 g) = 0.021 mW/g; SAR(10 g) = 0.0088 mW/g
Maximum value of SAR (measured) = 0.023 mW/g

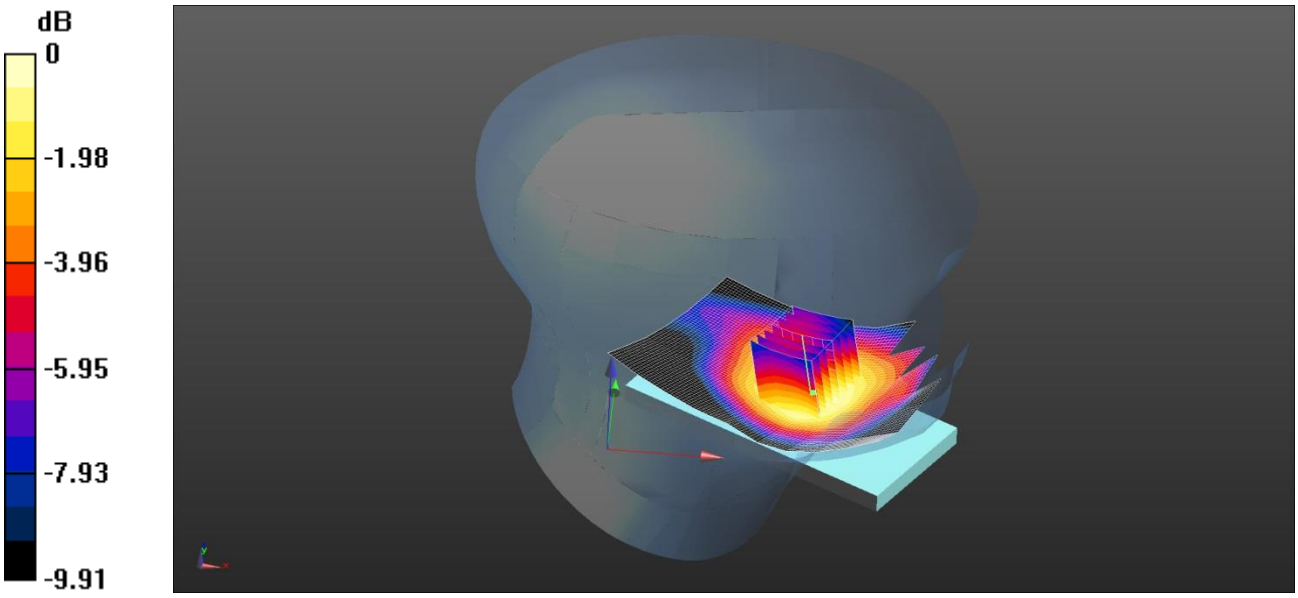
Note: SAR level measured is very low, equivalent to noise floor.

12.4. SAR Test Plots – A1429

This appendix contains the following SAR distribution scans.

Scan Reference Number	Title
001	Touch Left_GSM850_Voice_CH190
002	Back of EUT-Body-Worn_GSM850_Voice_CH251
003	Back of EUT-Hotspot_GSM850_GPRS 2Tx_CH251
004	Touch Right_PCS1900_Voice_CH810
005	Back of EUT_Body-Worn_PCS1900_Voice_CH810
006	Back of EUT_Body-Worn_PCS1900_GPRS 2Tx_CH512
007	Touch Right_UMTS FDD 2_RMC 12.2kbps_CH9262
008	Back of EUT_Body-Worn_UMTS FDD 2_RMC 12.2kbps_CH9400
009	Touch Left_UMTS FDD 5_RMC 12.2kbps_CH4132
010	Back of EUT-Body-Worn_UMTS FDD 5_RMC 12.2kbps_CH4233
011	Touch Left_CDMA BC0_1xRTT_CH777
012	Back of EUT-Body-Worn_CDMA BC0_1xRTT_CH777
013	Back of EUT-Body-Worn_CDMA BC0_1xEVDO Rel 0_CH777
014	Touch Right_CDMA BC1_1xRTT_CH600
015	Back of EUT_Body-Worn_CDMA BC1_1xRTT_CH600
016	Back of EUT_Body-Worn_CDMA BC1_1xEVDO Rel 0_CH600
017	Touch Left_CDMA BC10_1xRTT_CH684
018	Back of EUT-Body-Worn_CDMA BC10_1xRTT_CH684
019	Back of EUT-Body-Worn_CDMA BC10_1xEVDO Rel 0_CH684
020	Back of EUT-Body-Worn_LTE FDD 5_10MHz_1RB_Mid_CH20525
021	Touch Right_LTE FDD 13_10MHz_1RB_Mid_CH23230
022	Back of EUT-Body-Worn_LTE FDD 13_10MHz_1RB_Low_CH23230
023	Back of EUT_Body-Worn_LTE FDD 25_20MHz 1RB Mid_CH26365
024	Touch Right_Wi-Fi 2.4GHz_802.11b 1Mbps_CH6
025	Back of EUT-Body-Worn_Wi-Fi 2.4GHz_802.11b 1Mbps_CH6
026	Touch Right_Wi-Fi 5GHz_802.11a 6Mbps_CH48
027	Front of EUT-Body-Worn_Wi-Fi 5GHz_802.11a 6Mbps_CH48
028	Touch Right_Wi-Fi 5GHz_802.11a 6Mbps_CH52
029	Front of EUT-Body-Worn_Wi-Fi 5GHz_802.11a 6Mbps_CH64
030	Touch Right_Wi-Fi 5GHz_802.11a 6Mbps_CH124
031	Front of EUT-Body-Worn_Wi-Fi 5GHz_802.11a 6Mbps_CH116
032	Touch Right_Wi-Fi 5GHz_802.11a 6Mbps_CH157
033	Front of EUT-Body-Worn_Wi-Fi 5GHz_802.11a 6Mbps_CH149
034	Back of EUT-Body-Worn_Bluetooth_1Mbps_CH39

001: Touch Left_GSM850_Voice_CH190
Date: 07/04/2015
DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX



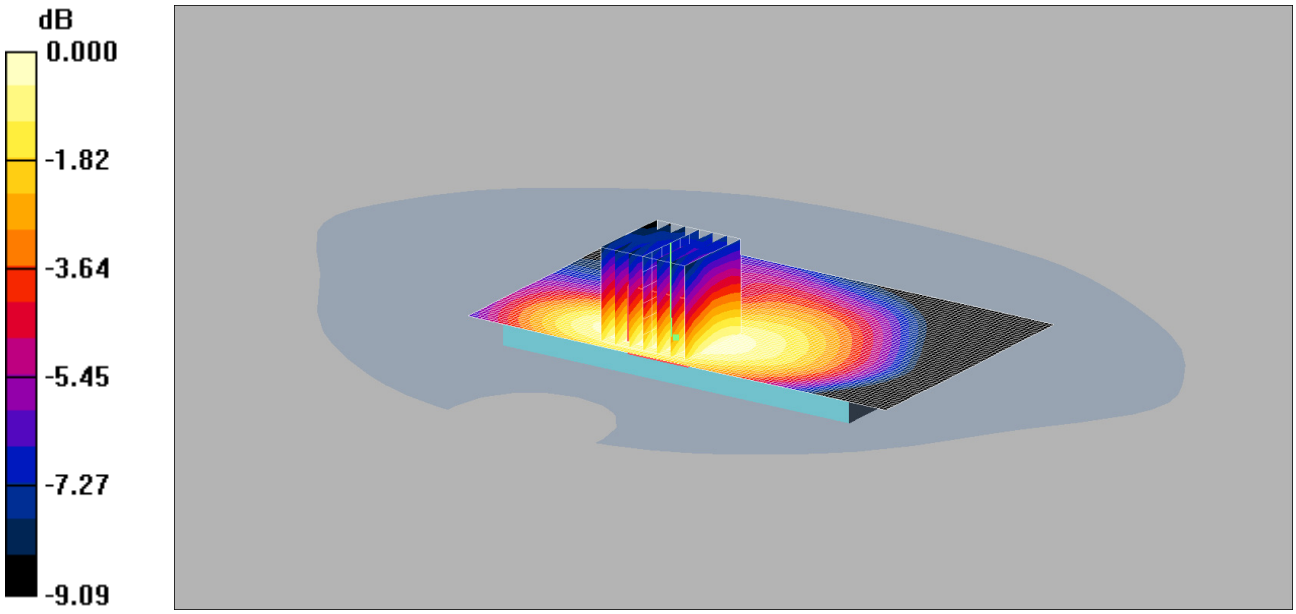
0 dB = 0.0908 W/kg = -10.42 dBW/kg

Communication System: UID 0, 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 = 0.904 S/m; ε_r = 41.079; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1529; ConvF(6.28, 6.28, 6.28); Calibrated: 22/05/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Touch Left - Middle/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.0876 W/kg
Configuration/Touch Left - Middle/Zoom Scan (5x5x7) 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.050 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.104 W/kg
SAR(1 g) = 0.086 W/kg; SAR(10 g) = 0.066 W/kg
Maximum value of SAR (measured) = 0.0908 W/kg

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

002: Back of EUT-Body-Worn_GSM850_Voice_CH251
Date: 07/04/2015
DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX



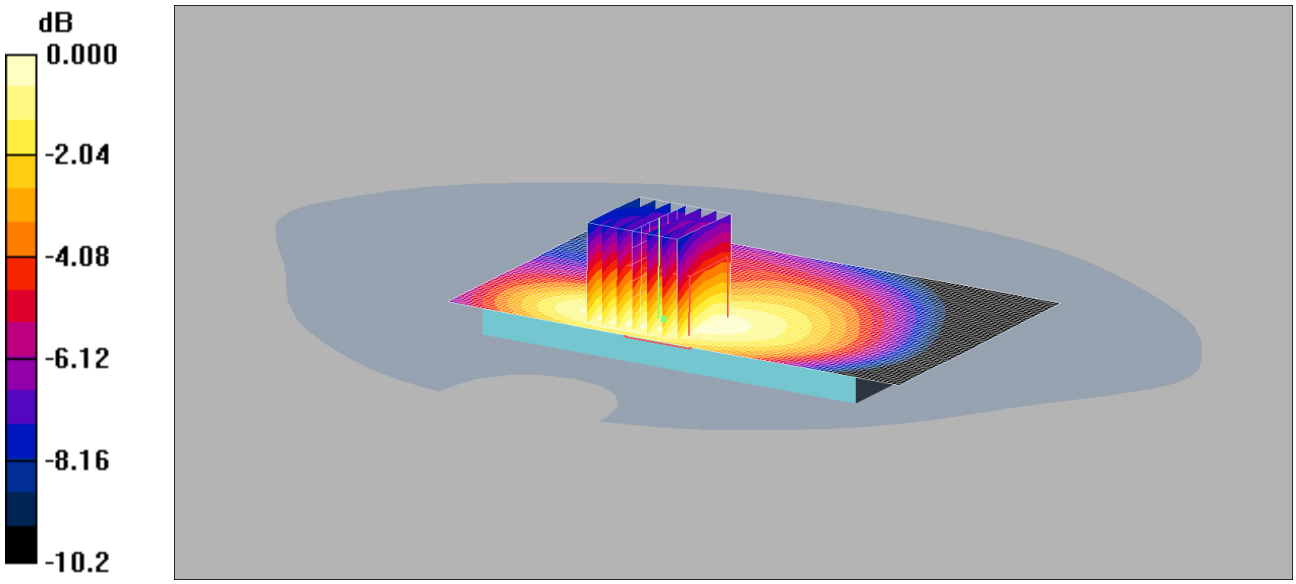
0 dB = 0.024mW/g

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 = 1.02 mho/m; ε_r = 53.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1529; ConvF(6, 6, 6);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

Back of EUT Facing Phantom - Middle/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.025 mW/g
Back of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.78 V/m; Power Drift = -0.052 dB
Peak SAR (extrapolated) = 0.029 W/kg
SAR(1 g) = 0.023 mW/g; SAR(10 g) = 0.017 mW/g
Maximum value of SAR (measured) = 0.024 mW/g

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

003: Back of EUT-Hotspot_GSM850_GPRS 2Tx_CH251
Date: 07/04/2015
DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX



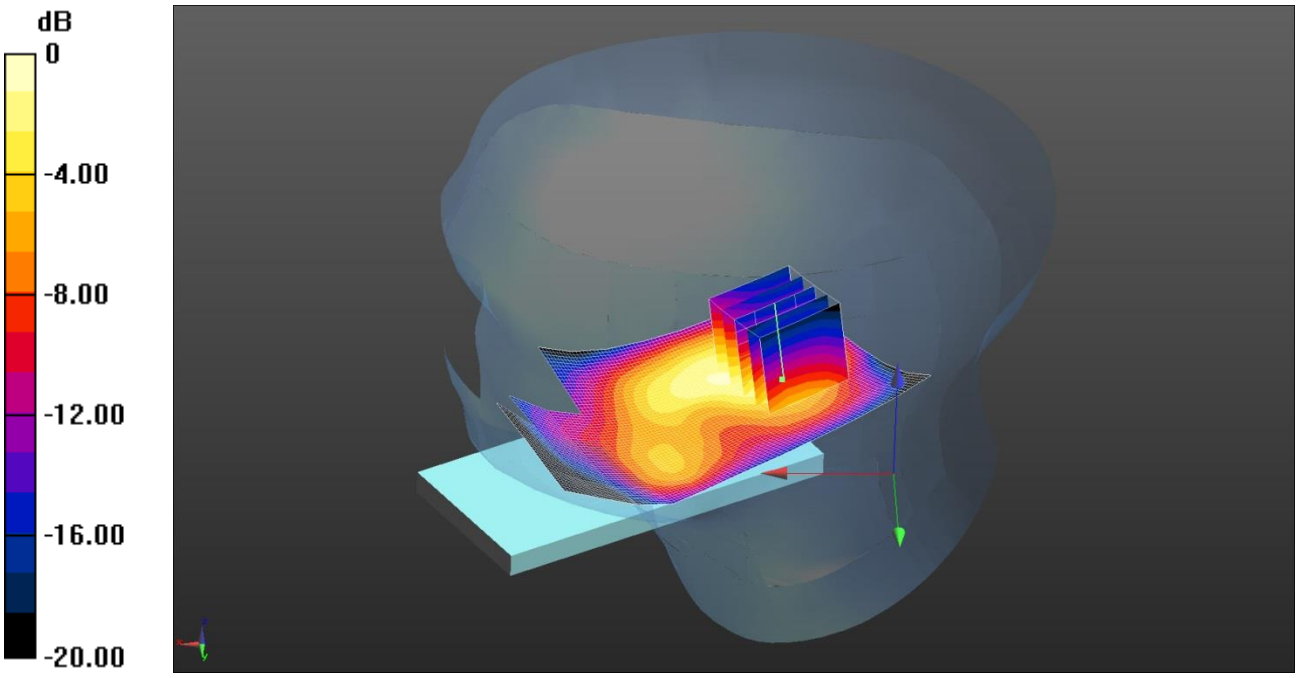
0 dB = 0.038mW/g

Communication System: GPRS 850 MHz 2TX; Frequency: 848.8 MHz;Duty Cycle: 1:4
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 848.8 MHz; σ = 1.02 mho/m; ε_r = 53.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1529; ConvF(6, 6, 6);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

Back of EUT Facing Phantom - Middle/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.038 mW/g
Back of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.67 V/m; Power Drift = 0.015 dB
Peak SAR (extrapolated) = 0.046 W/kg
SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.026 mW/g
Maximum value of SAR (measured) = 0.038 mW/g

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

004: Touch Right_PCS1900_Voice_CH810
Date: 15/04/2015
DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

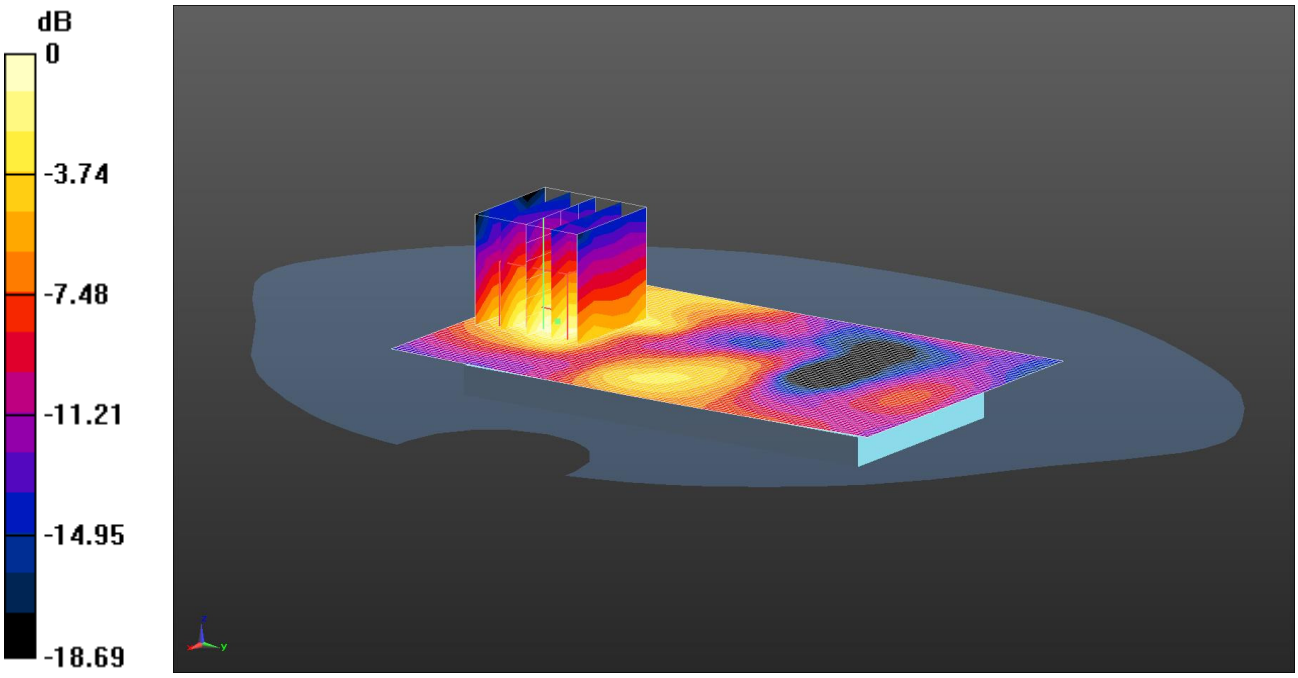


0 dB = 0.522 W/kg = -2.82 dBW/kg

Communication System: UID 0 - n/a, Generic GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:8.30042
Medium: 1900 MHz HSL Medium parameters used (interpolated): f = 1909.8 MHz; σ = 1.439 S/m; ε_r = 38.985; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3335; ConvF(5.07, 5.07, 5.07); Calibrated: 29/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Touch Right- Low/Area Scan 2 (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.549 W/kg
Configuration/Touch Right- Low/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 19.752 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 0.926 W/kg
SAR(1 g) = 0.473 W/kg; SAR(10 g) = 0.248 W/kg
Maximum value of SAR (measured) = 0.522 W/kg

005: Back of EUT_Body-Worn_PCS1900_Voice_CH810
Date: 16/04/2015
DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX



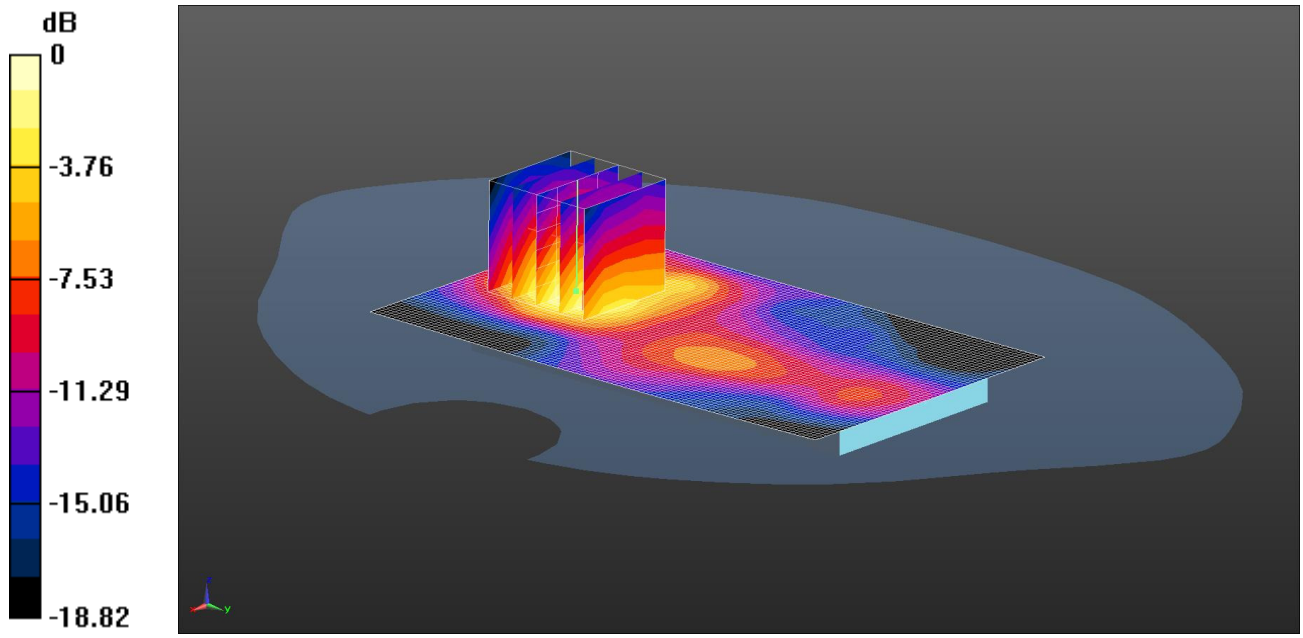
0 dB = 0.103 W/kg = -9.87 dBW/kg

Communication System: UID 0 - n/a, Generic GSM; Frequency: 1909.8 MHz;Duty Cycle: 1:8.30042
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1909.8 MHz; σ = 1.585 S/m; ε_r = 54.123; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3335; ConvF(4.69, 4.69, 4.69); Calibrated: 29/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Back of EUT Facing Phantom - Middle 2/Area Scan 2 (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.110 W/kg
Configuration/Back of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.387 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.166 W/kg
SAR(1 g) = 0.097 W/kg; SAR(10 g) = 0.053 W/kg
Maximum value of SAR (measured) = 0.103 W/kg

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

006: Back of EUT_Body-Worn_PCS1900_GPRS 2Tx_CH512
Date: 16/04/2015
DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

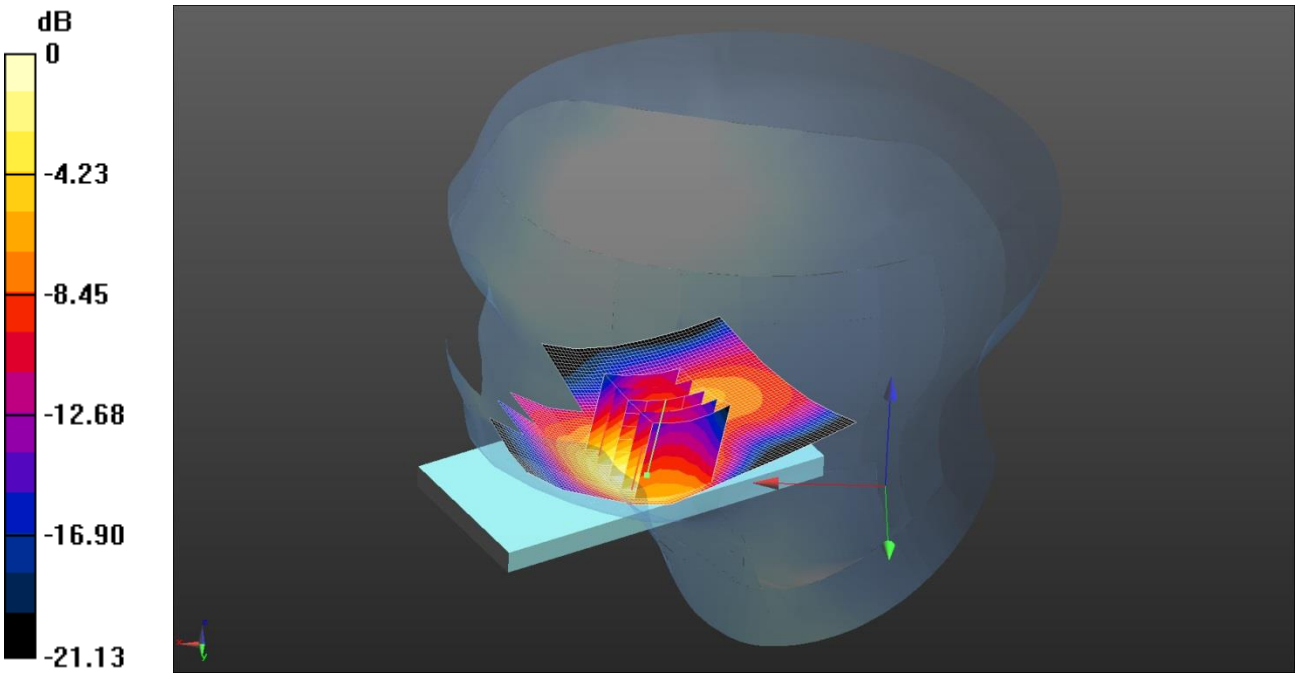


0 dB = 0.276 W/kg = -5.59 dBW/kg

Communication System: UID 0 - n/a, GPRS 2Tx; Frequency: 1850.2 MHz;Duty Cycle: 1:4.00037
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1850.2 MHz; σ = 1.529 S/m; ε_r = 54.36; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3335; ConvF(4.69, 4.69, 4.69); Calibrated: 29/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Back of EUT Facing Phantom - Middle/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.267 W/kg
Configuration/Back of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.334 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 0.416 W/kg
SAR(1 g) = 0.247 W/kg; SAR(10 g) = 0.136 W/kg
Maximum value of SAR (measured) = 0.276 W/kg

007: Touch Right_UMTS FDD 2_RMC 12.2kbps_CH9262
Date: 15/04/2015
DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

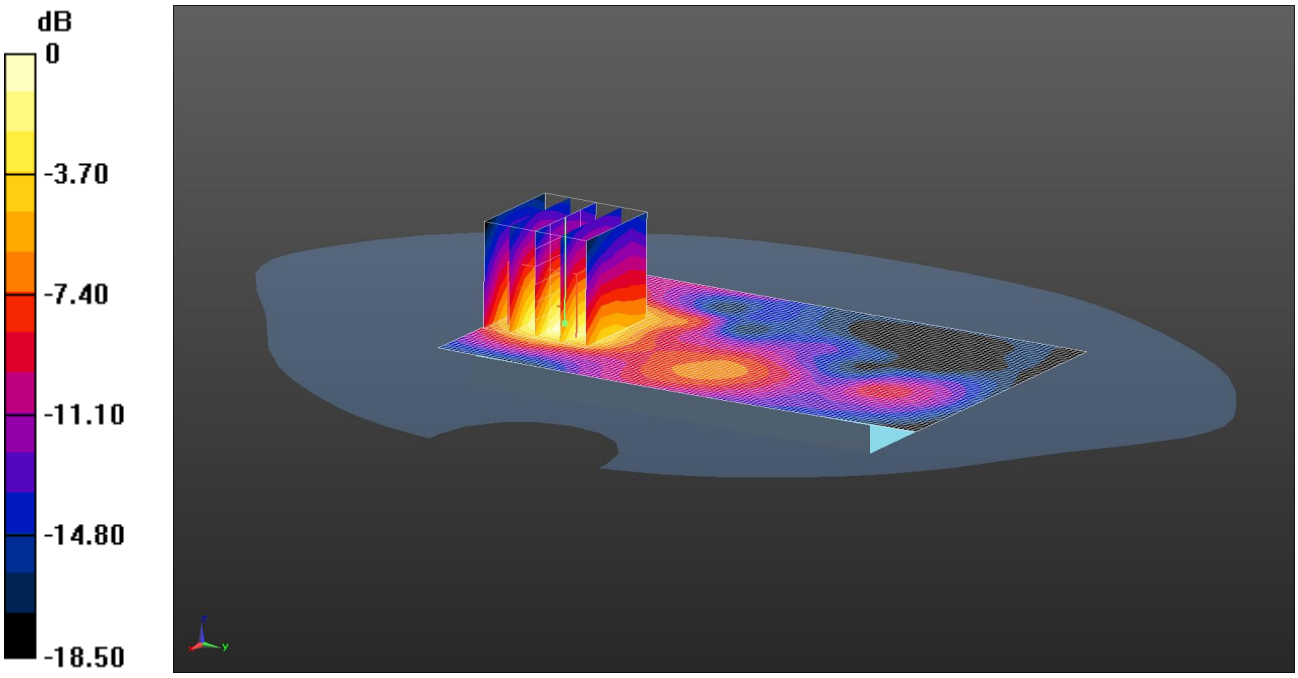


0 dB = 0.595 W/kg = -2.25 dBW/kg

Communication System: UID 0 - n/a, UMTS FDD ; Frequency: 1852.4 MHz;Duty Cycle: 1:1
Medium: 1900 MHz HSL Medium parameters used (interpolated): f = 1852.4 MHz; σ = 1.387 S/m; ε_r = 39.25; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3335; ConvF(5.07, 5.07, 5.07); Calibrated: 29/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Touch Right- Low/Area Scan 2 (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.621 W/kg
Configuration/Touch Right- Low/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 6.979 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 0.823 W/kg
SAR(1 g) = 0.542 W/kg; SAR(10 g) = 0.321 W/kg
Maximum value of SAR (measured) = 0.595 W/kg

008: Back of EUT_Body-Worn_UMTS FDD 2_RMC 12.2kbps_CH9400
Date: 17/04/2015
DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

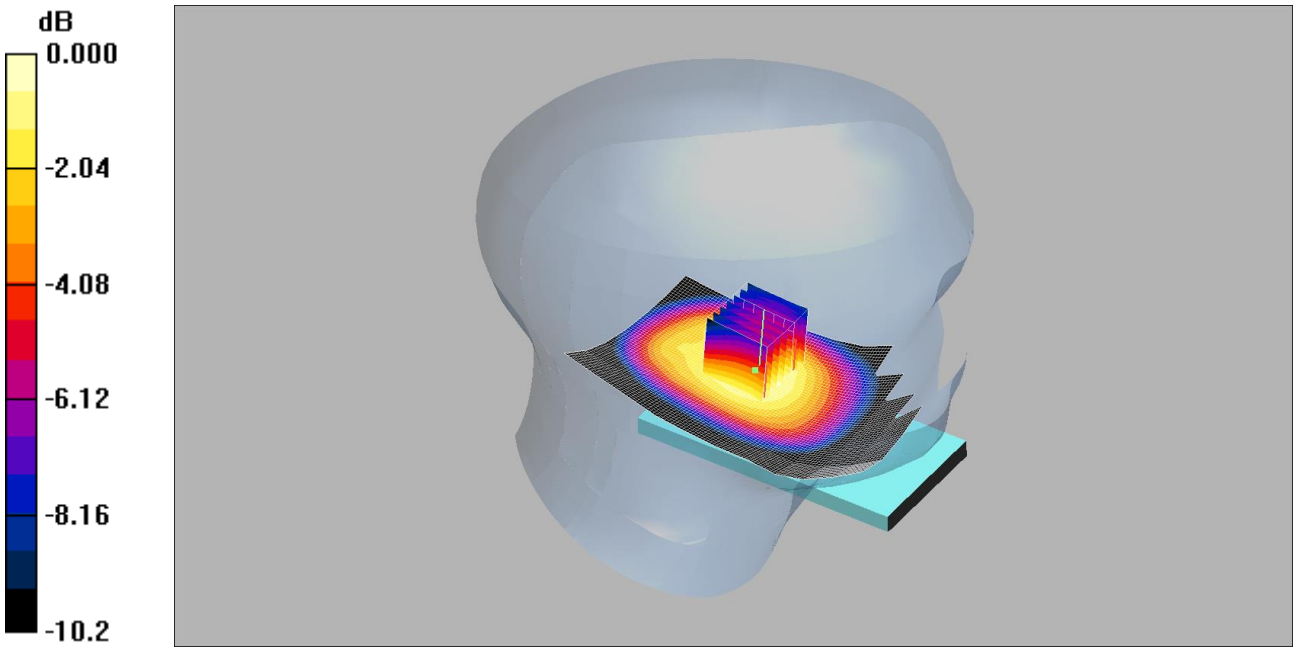


0 dB = 0.271 W/kg = -5.67 dBW/kg

Communication System: UID 0 - n/a, UMTS FDD ; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1880 MHz; σ = 1.557 S/m; ε_r = 54.245; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3335; ConvF(4.69, 4.69, 4.69); Calibrated: 29/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Back of EUT Facing Phantom - Middle 2/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.257 W/kg
Configuration/Back of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 4.059 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.414 W/kg
SAR(1 g) = 0.243 W/kg; SAR(10 g) = 0.131 W/kg
Maximum value of SAR (measured) = 0.271 W/kg

009: Touch Left_UMTS FDD 5_RMC 12.2kbps_CH4132
Date: 31/03/2015
DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

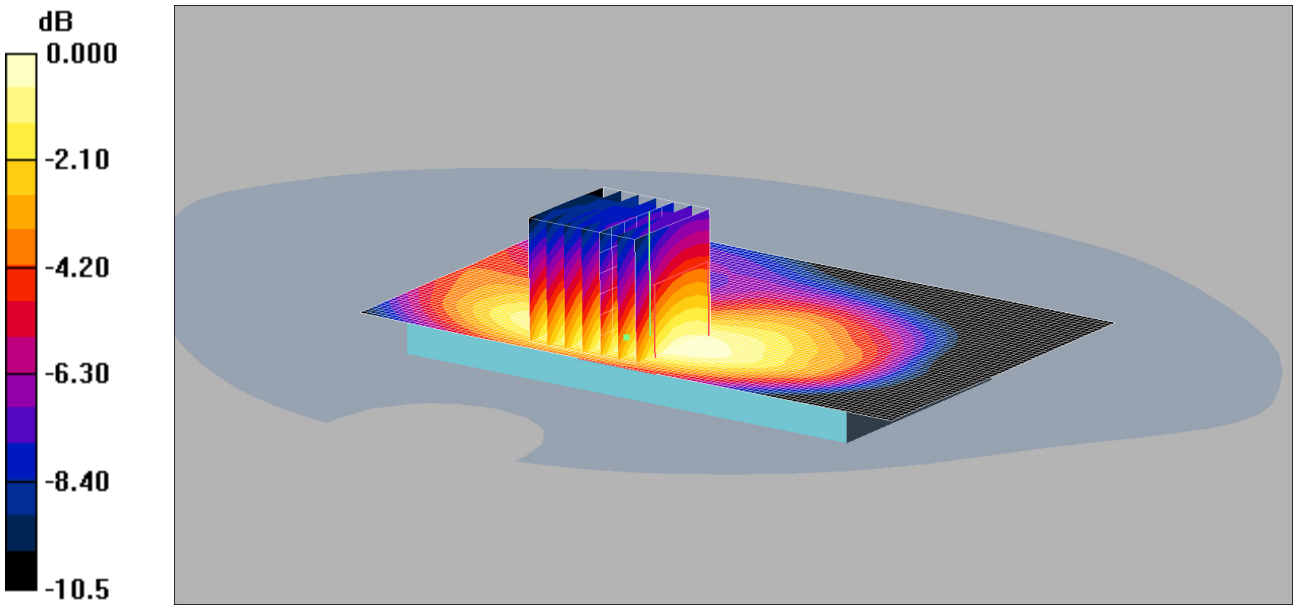


0 dB = 0.778mW/g

Communication System: UMTS-FDD 5; Frequency: 826.4 MHz;Duty Cycle: 1:1
Medium: 900 MHz HSL Medium parameters used (interpolated): f = 826.4 MHz; σ = 0.882 mho/m; ε_r = 41.4; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1529; ConvF(6.28, 6.28, 6.28);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

Touch Left - Middle/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.801 mW/g
Touch Left - Middle/Zoom Scan (5x5x7) 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 24.3 V/m; Power Drift = 0.039 dB
Peak SAR (extrapolated) = 0.941 W/kg
SAR(1 g) = 0.741 mW/g; SAR(10 g) = 0.550 mW/g
Maximum value of SAR (measured) = 0.778 mW/g

010: Back of EUT-Body-Worn_UMTS FDD 5_RMC 12.2kbps_CH4233
Date: 01/04/2015
DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX



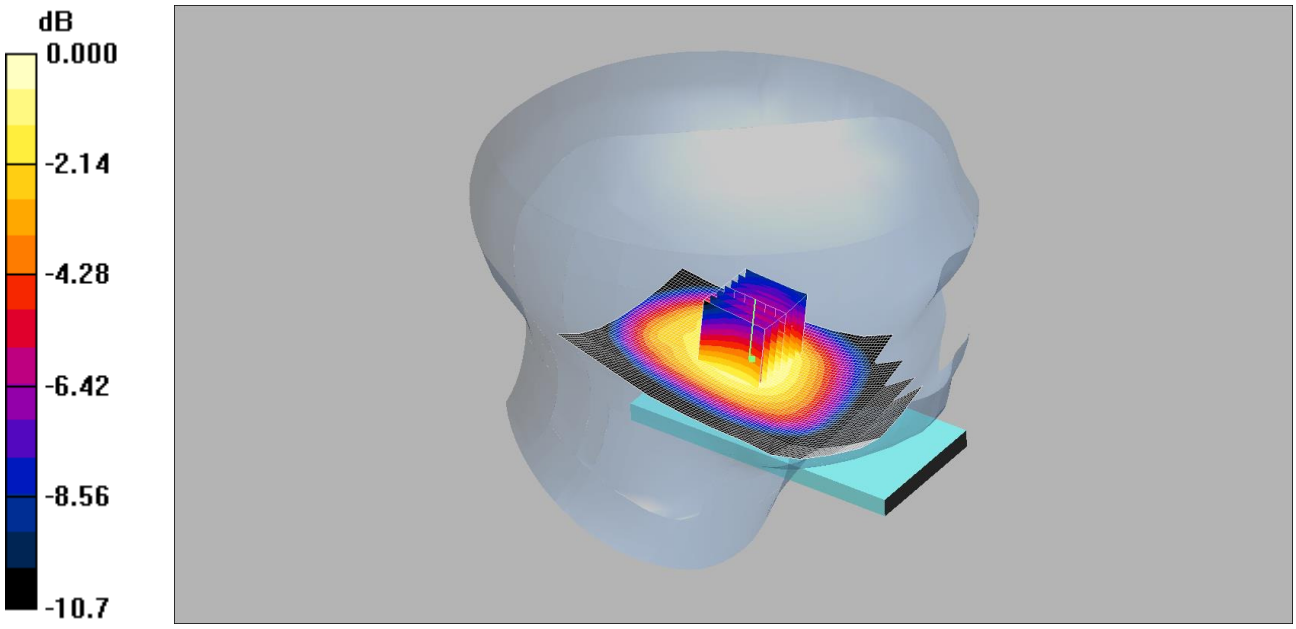
0 dB = 0.040mW/g

Communication System: UMTS-FDD 5; Frequency: 846.6 MHz;Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 846.6 MHz; σ = 1.01 mho/m; ε_r = 53.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1529; ConvF(6, 6, 6);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

Back of EUT Facing Phantom - Middle/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.042 mW/g
Back of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.96 V/m; Power Drift = -0.117 dB
Peak SAR (extrapolated) = 0.050 W/kg
SAR(1 g) = 0.038 mW/g; SAR(10 g) = 0.027 mW/g
Maximum value of SAR (measured) = 0.040 mW/g

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

011: Touch Left_CDMA BC0_1xRTT_CH777
Date: 07/04/2015
DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

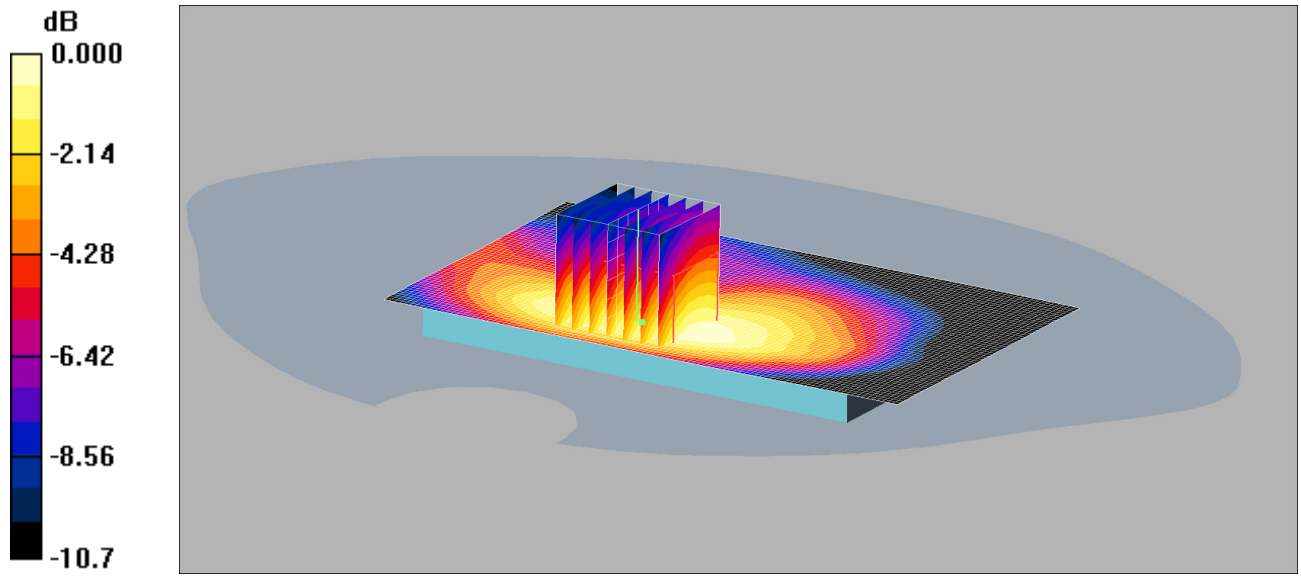


0 dB = 0.782mW/g

Communication System: CDMA 2000 BC0 US; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: 900 MHz HSL Medium parameters used (interpolated): f = 848.31 MHz; σ = 0.912 mho/m; ε_r = 41; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1529; ConvF(6.28, 6.28, 6.28);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

Touch Left - Middle/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.791 mW/g
Touch Left - Middle/Zoom Scan (5x5x7) 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 23.7 V/m; Power Drift = 0.031 dB
Peak SAR (extrapolated) = 0.960 W/kg
SAR(1 g) = 0.739 mW/g; SAR(10 g) = 0.540 mW/g
Maximum value of SAR (measured) = 0.782 mW/g

012: Back of EUT-Body-Worn_CDMA BC0_1xRTT_CH777
Date: 01/04/2015
DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX



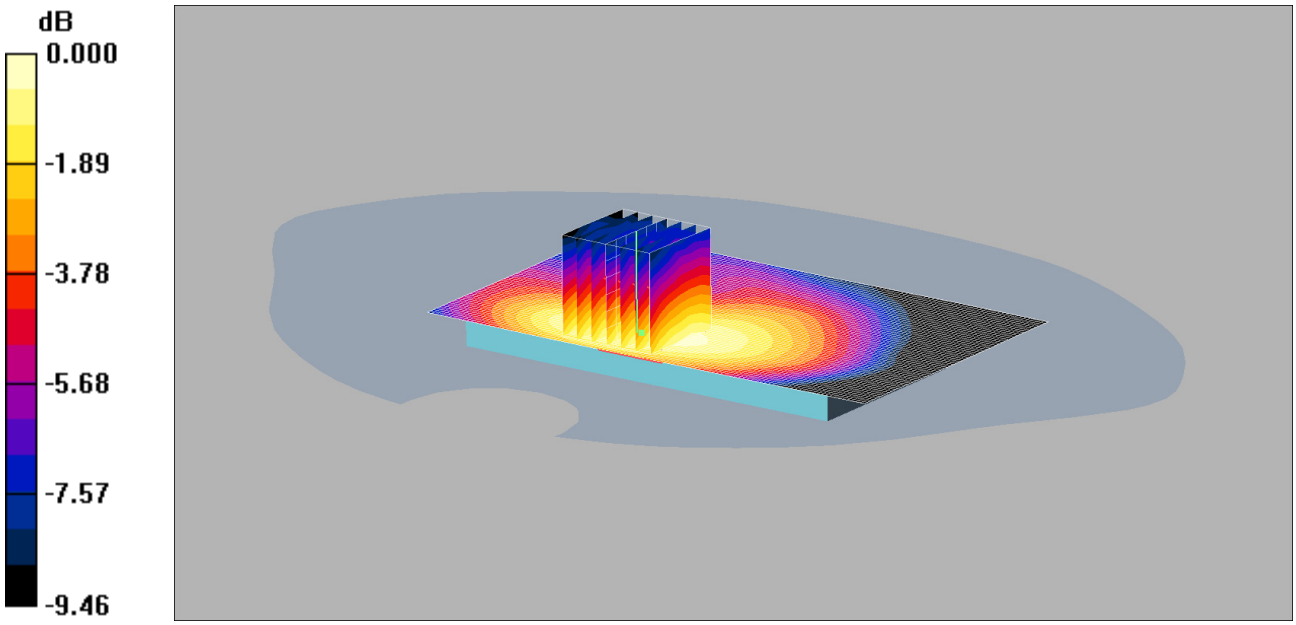
0 dB = 0.036mW/g

Communication System: CDMA 2000 BC0 US; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 848.31 MHz; σ = 1.01 mho/m; ε_r = 53.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1529; ConvF(6, 6, 6);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

Back of EUT Facing Phantom - Middle/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.038 mW/g
Back of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.84 V/m; Power Drift = -0.045 dB
Peak SAR (extrapolated) = 0.044 W/kg
SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.024 mW/g
Maximum value of SAR (measured) = 0.036 mW/g

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

013: Back of EUT-Body-Worn_CDMA BC0_1xEVDO Rel 0_CH777
Date: 08/04/2015
DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX



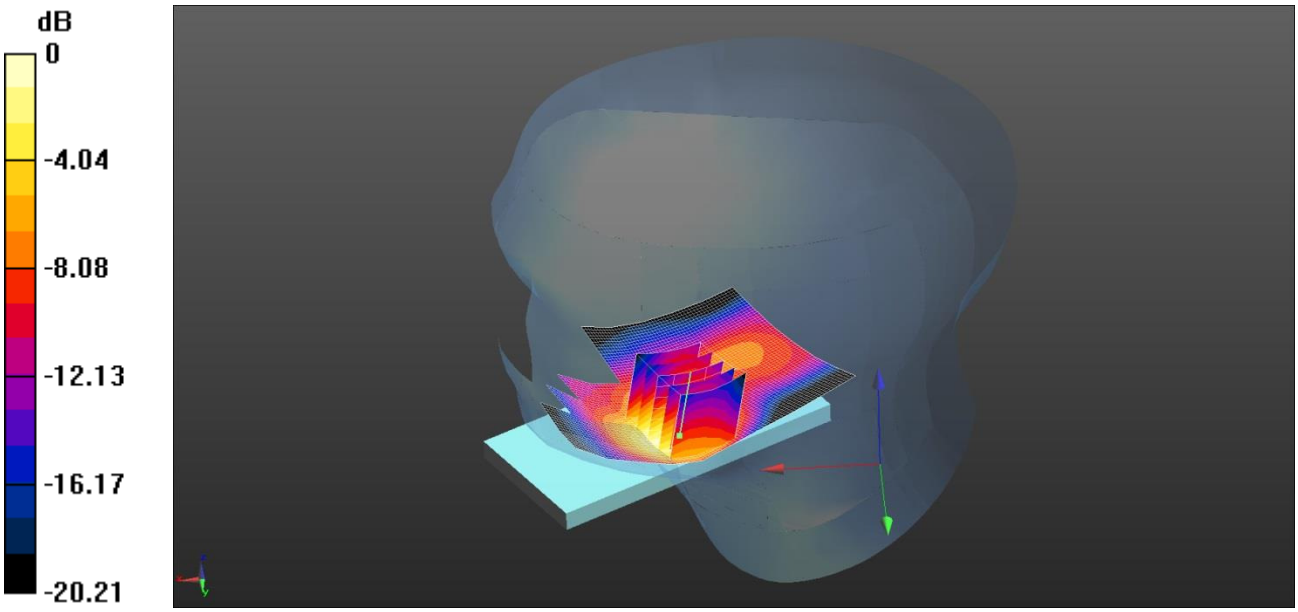
0 dB = 0.018mW/g

Communication System: CDMA 2000 BC0 US; Frequency: 848.31 MHz;Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 848.31 MHz; σ = 1.01 mho/m; ε_r = 53.4; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1529; ConvF(6, 6, 6);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

Back of EUT Facing Phantom - Middle 2/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.018 mW/g
Back of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.12 V/m; Power Drift = -0.018 dB
Peak SAR (extrapolated) = 0.021 W/kg
SAR(1 g) = 0.016 mW/g; SAR(10 g) = 0.012 mW/g
Maximum value of SAR (measured) = 0.018 mW/g

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

014: Touch Right_CDMA BC1_1xRTT_CH600
Date: 15/04/2015
DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

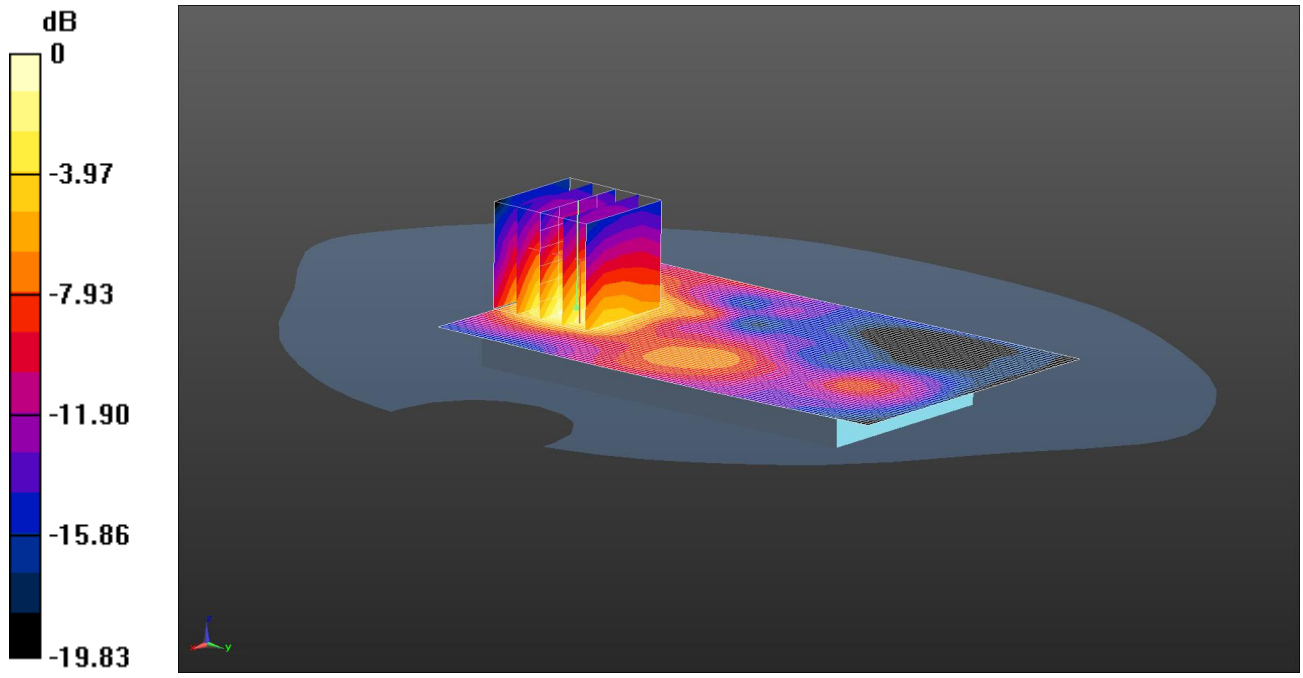


0 dB = 1.05 W/kg = 0.21 dBW/kg

Communication System: UID 0 - n/a, CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: 1900 MHz HSL Medium parameters used (interpolated): f = 1880 MHz; σ = 1.412 S/m; ε_r = 39.125; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3335; ConvF(5.07, 5.07, 5.07); Calibrated: 29/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM B (Site 58); Type: Twin Phantom; Serial: TP:1020
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Touch Right- Low/Area Scan 2 (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 1.10 W/kg
Configuration/Touch Right- Low/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 8.963 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.47 W/kg
SAR(1 g) = 0.951 W/kg; SAR(10 g) = 0.555 W/kg
Maximum value of SAR (measured) = 1.05 W/kg

015: Back of EUT_Body-Worn_CDMA BC1_1xRTT_CH600
Date: 17/04/2015
DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

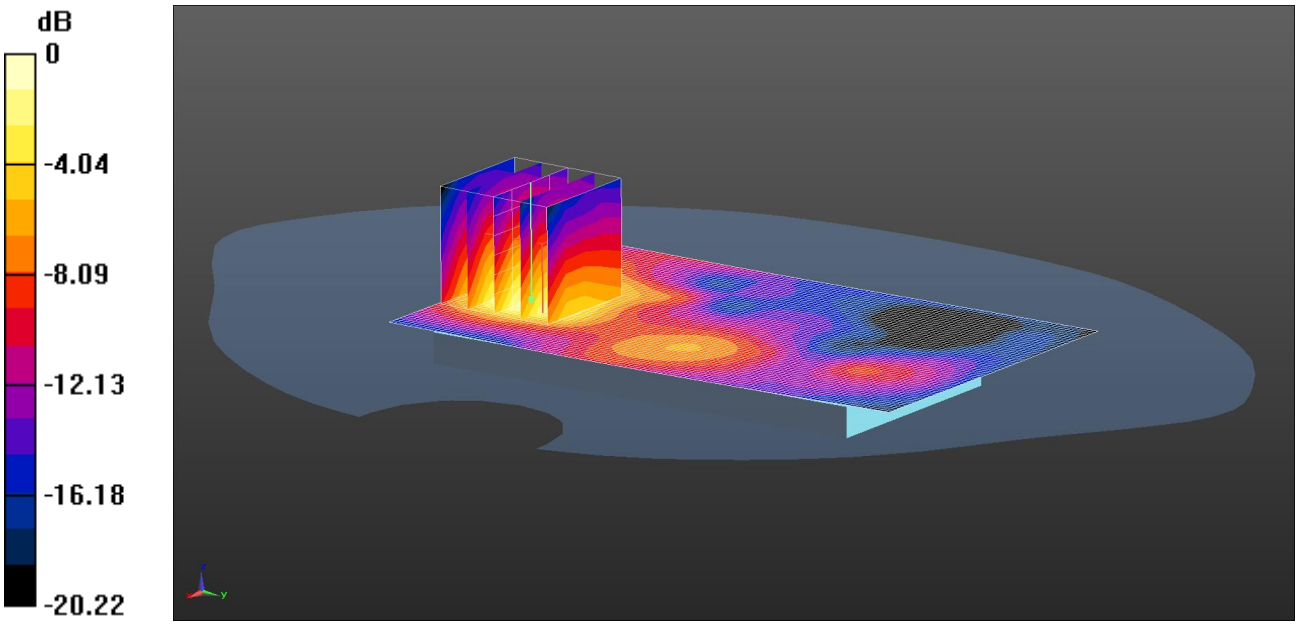


0 dB = 0.253 W/kg = -5.97 dBW/kg

Communication System: UID 0 - n/a, CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1880 MHz; σ = 1.557 S/m; ε_r = 54.245; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3335; ConvF(4.69, 4.69, 4.69); Calibrated: 29/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Back of EUT Facing Phantom - Middle 2/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.236 W/kg
Configuration/Back of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.886 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.382 W/kg
SAR(1 g) = 0.224 W/kg; SAR(10 g) = 0.119 W/kg
Maximum value of SAR (measured) = 0.253 W/kg

016: Back of EUT_Body-Worn_CDMA BC1_1xEVDO Rel 0_CH600
Date: 17/04/2015
DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

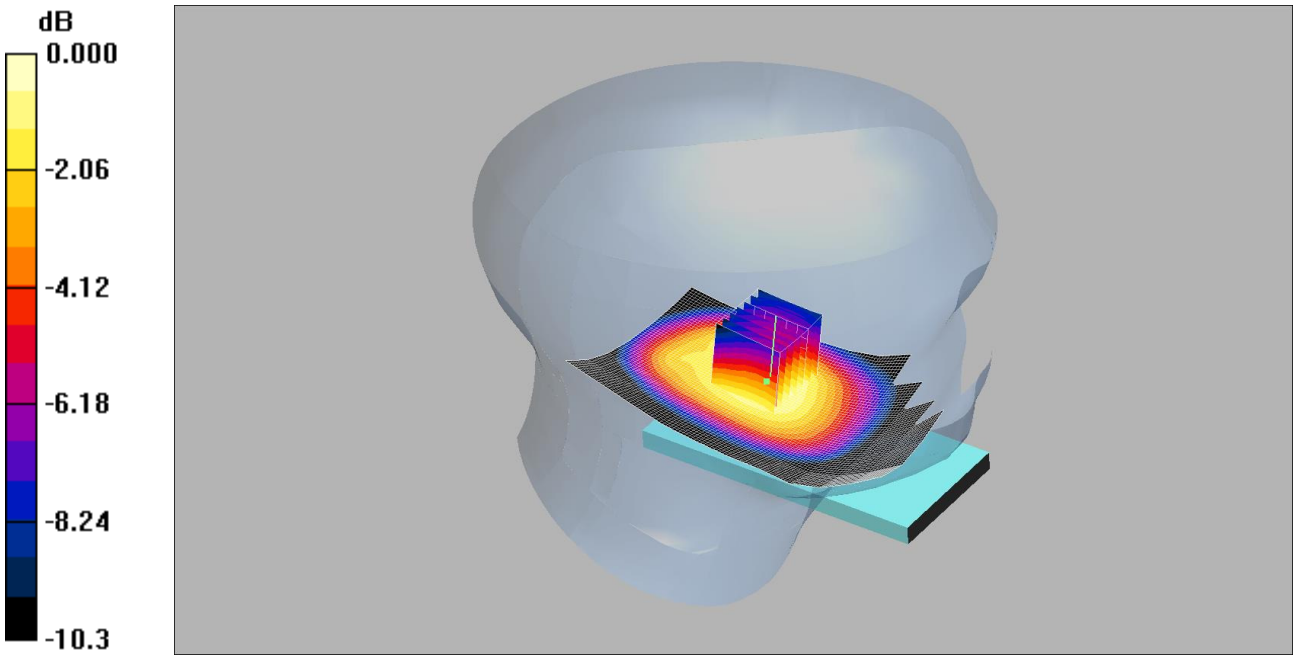


0 dB = 0.264 W/kg = -5.78 dBW/kg

Communication System: UID 0 - n/a, CDMA2000; Frequency: 1880 MHz;Duty Cycle: 1:1
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1880 MHz; σ = 1.557 S/m; ε_r = 54.245; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3335; ConvF(4.69, 4.69, 4.69); Calibrated: 29/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Back of EUT Facing Phantom - Middle 2/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.252 W/kg
Configuration/Back of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.867 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 0.411 W/kg
SAR(1 g) = 0.240 W/kg; SAR(10 g) = 0.129 W/kg
Maximum value of SAR (measured) = 0.264 W/kg

017: Touch Left_CDMA BC10_1xRTT_CH684
Date: 07/04/2015
DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

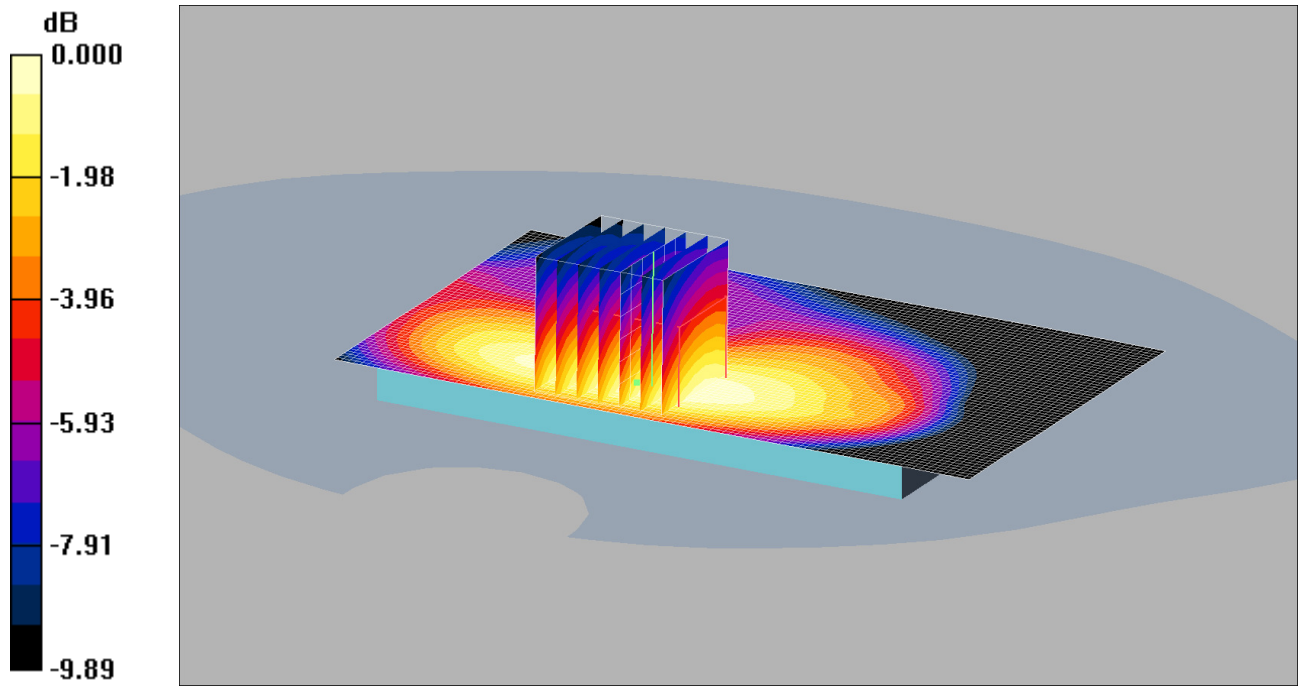


0 dB = 0.679mW/g

Communication System: CDMA 2000 BC10; Frequency: 823.1 MHz;Duty Cycle: 1:1
Medium: 900 MHz HSL Medium parameters used (interpolated): f = 823.1 MHz; σ = 0.895 mho/m; ε_r = 41.2; ρ = 1000 kg/m^3
Phantom section: Left Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1529; ConvF(6.28, 6.28, 6.28);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

Touch Left - Middle/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.691 mW/g
Touch Left - Middle/Zoom Scan (5x5x7) 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 22.7 V/m; Power Drift = 0.046 dB
Peak SAR (extrapolated) = 0.820 W/kg
SAR(1 g) = 0.646 mW/g; SAR(10 g) = 0.477 mW/g
Maximum value of SAR (measured) = 0.679 mW/g

018: Back of EUT-Body-Worn_CDMA BC10_1xRTT_CH684
Date: 01/04/2015
DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

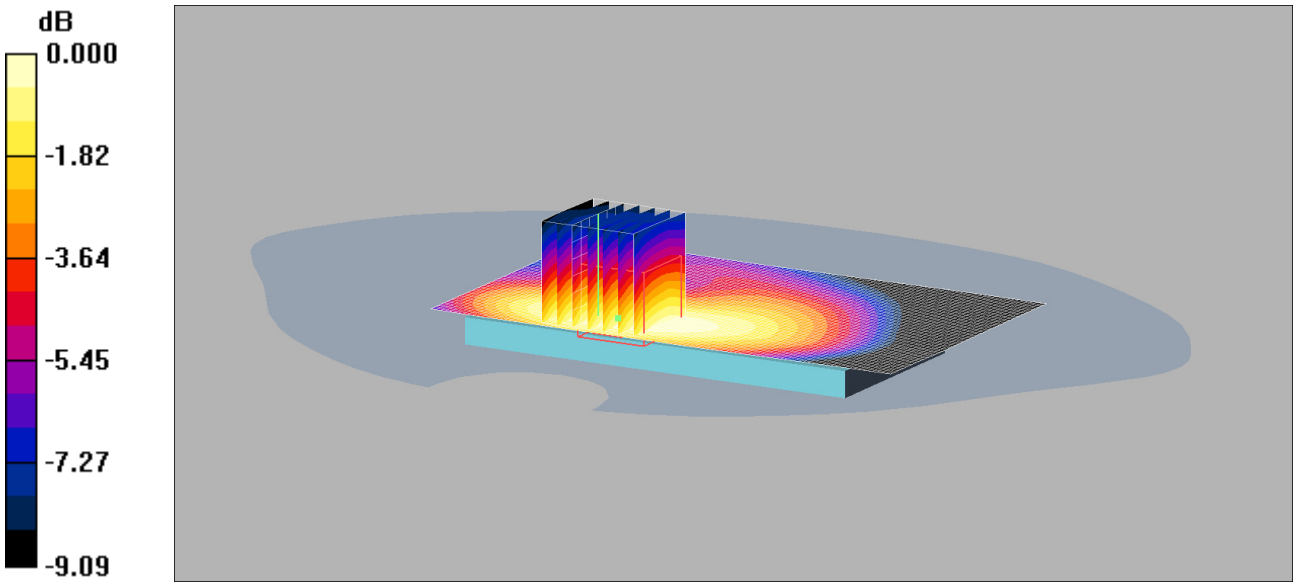


0 dB = 0.068mW/g

Communication System: CDMA 2000 BC10; Frequency: 823.1 MHz;Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 823.1 MHz; σ = 0.994 mho/m; ε_r = 53.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1529; ConvF(6, 6, 6);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

Back of EUT Facing Phantom - Middle/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.069 mW/g
Back of EUT Facing Phantom - Middle/Zoom Scan (5x5x7) 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 5.29 V/m; Power Drift = -0.072 dB
Peak SAR (extrapolated) = 0.085 W/kg
SAR(1 g) = 0.064 mW/g; SAR(10 g) = 0.045 mW/g
Maximum value of SAR (measured) = 0.068 mW/g

019: Back of EUT-Body-Worn_CDMA BC10_1xEVDO Rel 0_CH684
Date: 08/04/2015
DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX



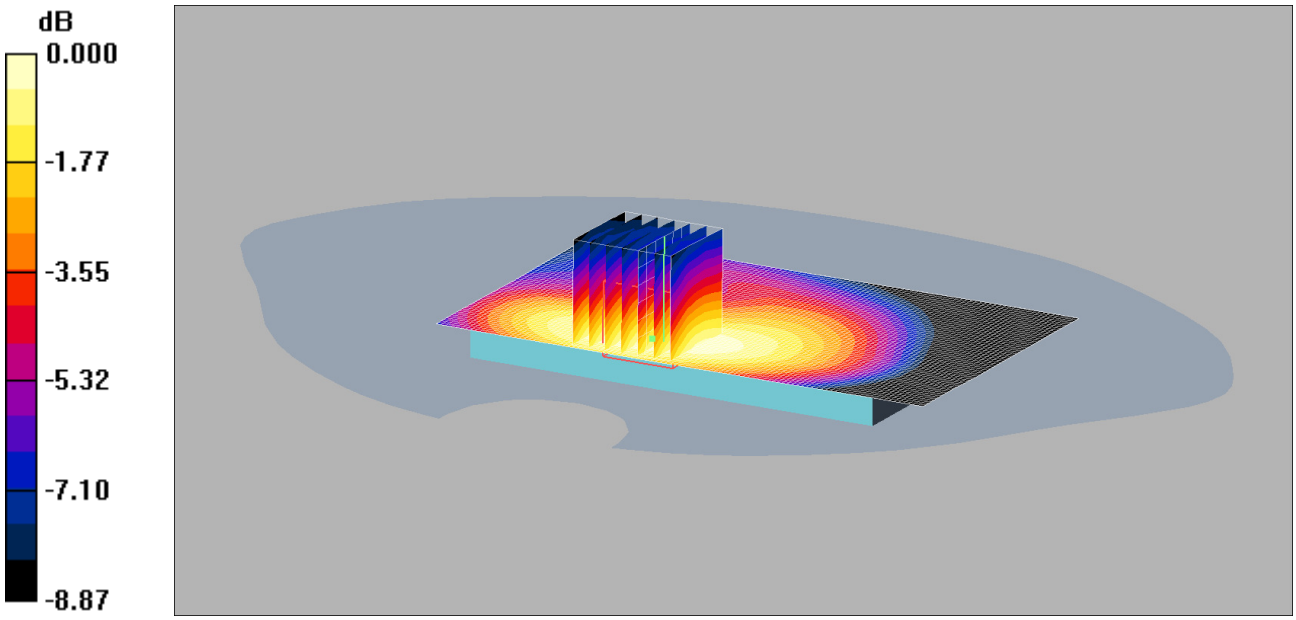
0 dB = 0.039mW/g

Communication System: CDMA 2000 BC10; Frequency: 823.1 MHz;Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 823.1 MHz; σ = 0.994 mho/m; ε_r = 53.5; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1529; ConvF(6, 6, 6);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

Back of EUT Facing Phantom - Middle 2/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.040 mW/g
Back of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.63 V/m; Power Drift = -0.081 dB
Peak SAR (extrapolated) = 0.047 W/kg
SAR(1 g) = 0.036 mW/g; SAR(10 g) = 0.026 mW/g
Maximum value of SAR (measured) = 0.039 mW/g

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

020: Back of EUT-Body-Worn_LTE FDD 5_10MHz_1RB_Mid_CH20525
Date: 08/04/2015
DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX



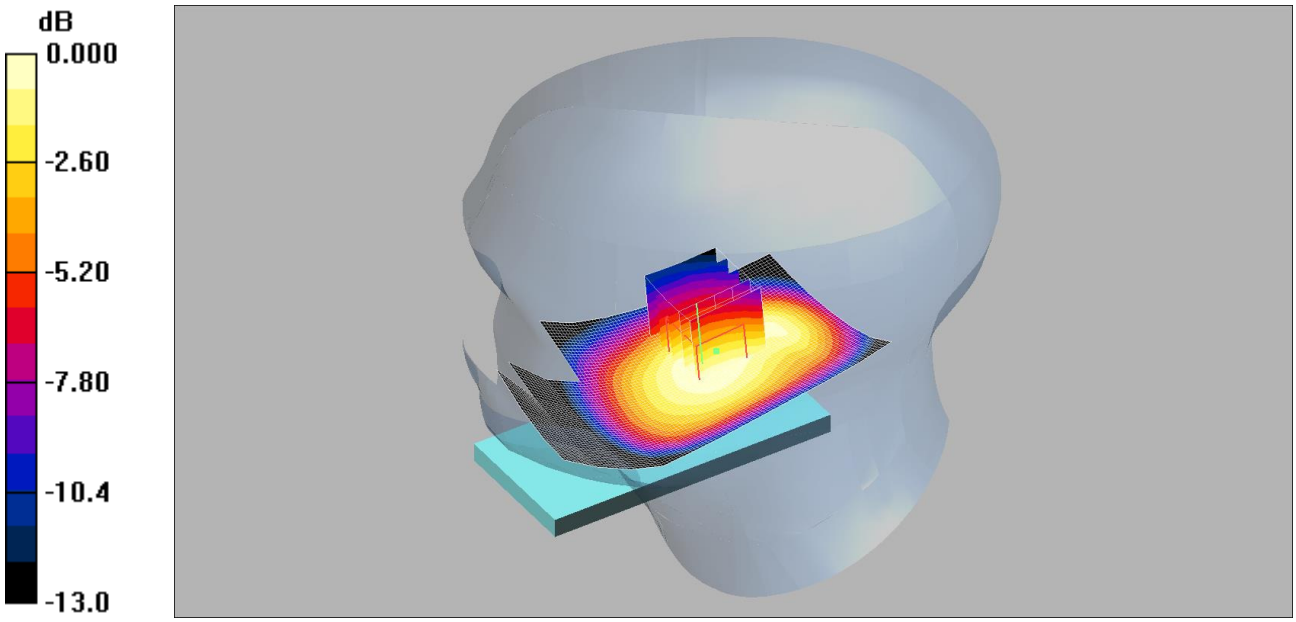
0 dB = 0.037mW/g

Communication System: LTE Band 5 / 10MHz; Frequency: 836.5 MHz;Duty Cycle: 1:1
Medium: 900 MHz MSL Medium parameters used (interpolated): f = 836.5 MHz; σ = 1.02 mho/m; ε_r = 53.7; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1529; ConvF(6, 6, 6);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

Back of EUT Facing Phantom - Middle 2/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.038 mW/g
Back of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.71 V/m; Power Drift = -0.084 dB
Peak SAR (extrapolated) = 0.044 W/kg
SAR(1 g) = 0.034 mW/g; SAR(10 g) = 0.025 mW/g
Maximum value of SAR (measured) = 0.037 mW/g

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

021: Touch Right_LTE FDD 13_10MHz_1RB_Mid_CH23230
Date: 09/04/2015
DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

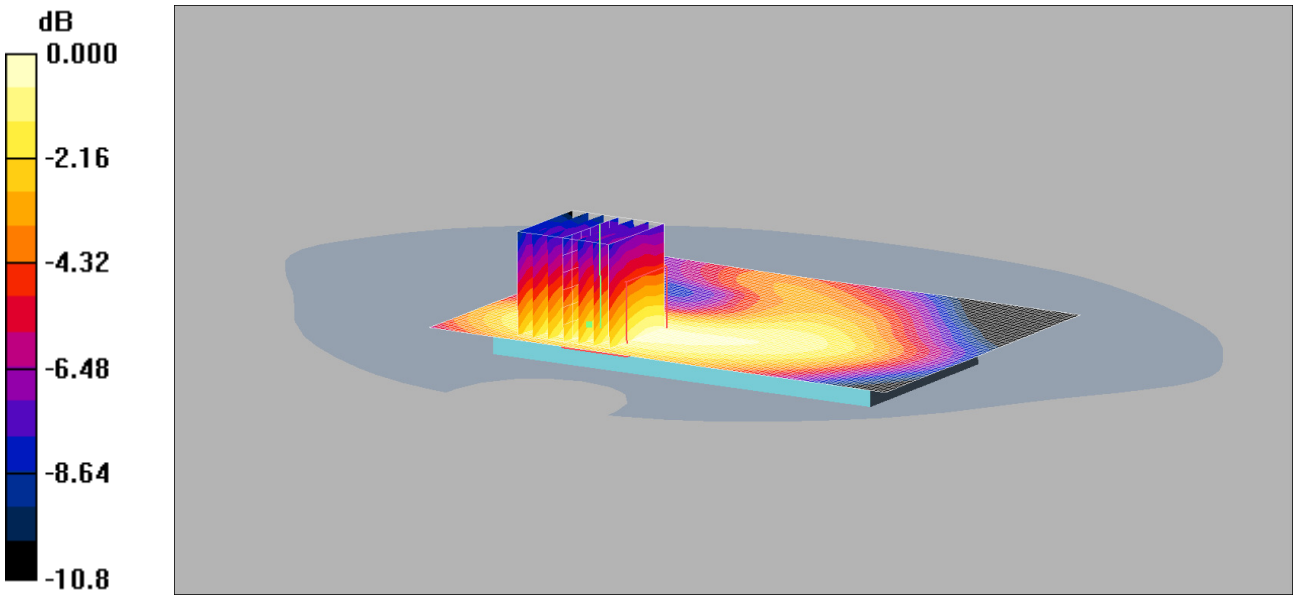


0 dB = 0.214mW/g

Communication System: LTE - Band 13 / 10MHz Channel; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: 750 MHz HSL Medium parameters used (interpolated): f = 782 MHz; σ = 0.873 mho/m; ε_r = 42.2; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1529; ConvF(6.6, 6.6, 6.6);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

Touch Left - Middle 2/Area Scan (61x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.219 mW/g
Touch Left - Middle 2/Zoom Scan (5x5x7) 2 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 13.9 V/m; Power Drift = -0.031 dB
Peak SAR (extrapolated) = 0.261 W/kg
SAR(1 g) = 0.205 mW/g; SAR(10 g) = 0.147 mW/g
Maximum value of SAR (measured) = 0.214 mW/g

022: Back of EUT-Body-Worn_LTE FDD 13_10MHz_1RB_Low_CH23230
Date: 09/04/2015
DUT: A1428; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX



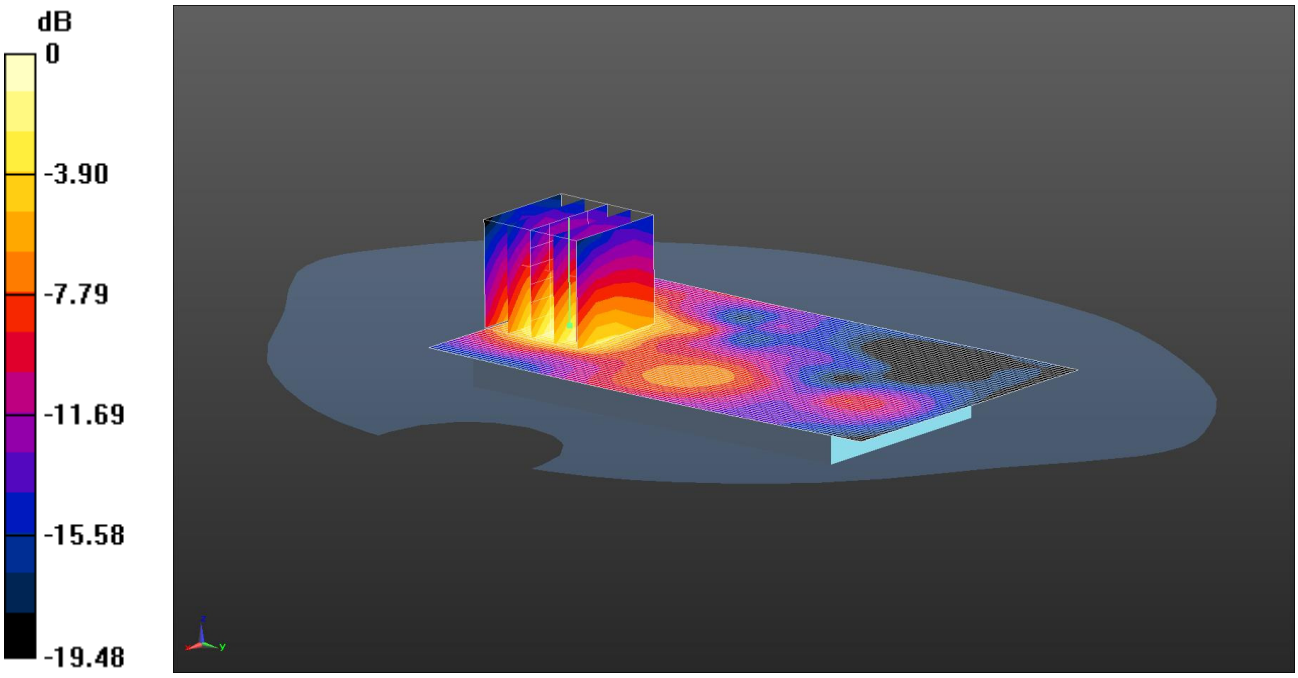
0 dB = 0.016mW/g

Communication System: LTE - Band 13 / 10MHz Channel; Frequency: 782 MHz;Duty Cycle: 1:1
Medium: 750/900 MHz MSL Medium parameters used (interpolated): f = 782 MHz; σ = 0.984 mho/m; ε_r = 54; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1529; ConvF(6.15, 6.15, 6.15);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- Phantom: SAM 12a (Site 56); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

Back of EUT Facing Phantom - Middle 2 2/Area Scan (71x101x1): Measurement grid: dx=15mm, dy=15mm
Maximum value of SAR (interpolated) = 0.015 mW/g
Back of EUT Facing Phantom - Middle 2 2/Zoom Scan (5x5x7) 2 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.45 V/m; Power Drift = 0.184 dB
Peak SAR (extrapolated) = 0.019 W/kg
SAR(1 g) = 0.015 mW/g; SAR(10 g) = 0.011 mW/g
Maximum value of SAR (measured) = 0.016 mW/g

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

023: Back of EUT_Body-Worn_LTE FDD 25_20MHz 1RB Mid_CH26365
Date: 17/04/2015
DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

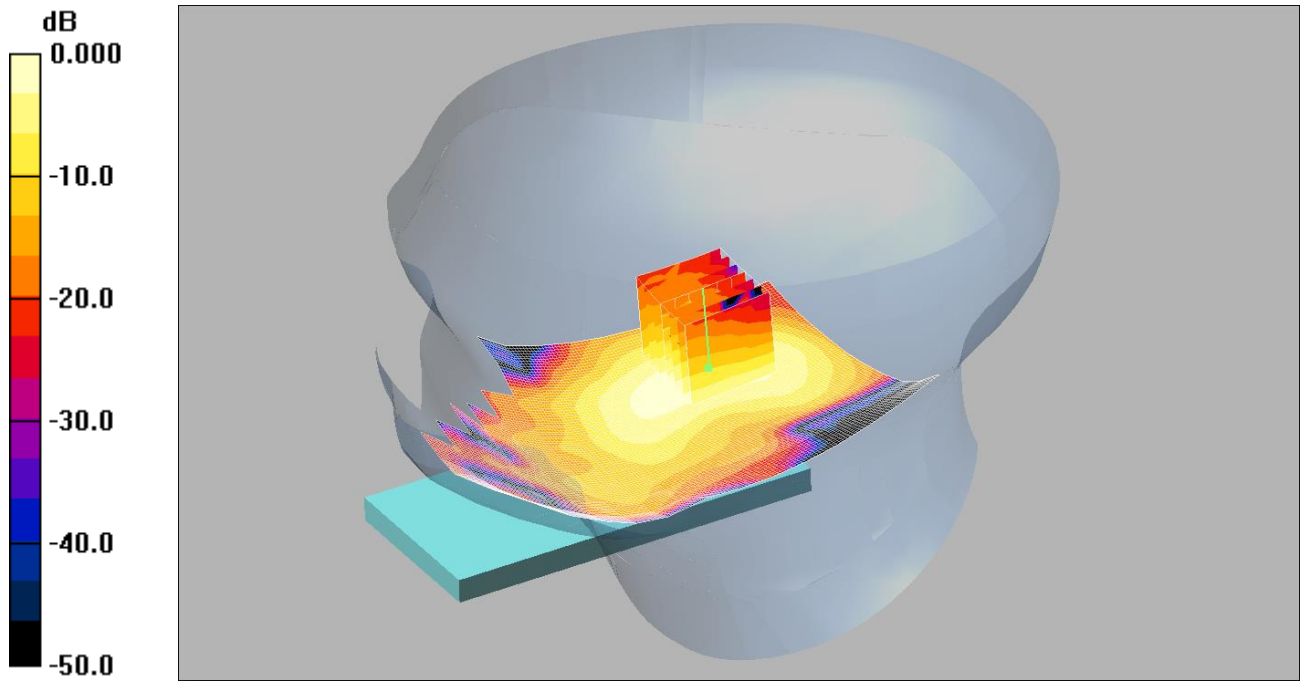


0 dB = 0.218 W/kg = -6.62 dBW/kg

Communication System: UID 0 - n/a, LTE FDD Bands - 20MHz Channel BW ; Frequency: 1882.5 MHz;Duty Cycle: 1:1
Medium: 1900 MHz MSL Medium parameters used (interpolated): f = 1882.5 MHz; σ = 1.559 S/m; ε_r = 54.235; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3335; ConvF(4.69, 4.69, 4.69); Calibrated: 29/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn431; Calibrated: 04/11/2014
- Phantom: SAM A (Site 58); Type: QD000P40Ca; Serial: TP:1193
- ; SEMCAD X Version 14.6.9 (7117)

Configuration/Back of EUT Facing Phantom - Middle 2/Area Scan (61x101x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm
Maximum value of SAR (interpolated) = 0.205 W/kg
Configuration/Back of EUT Facing Phantom - Middle 2/Zoom Scan (5x5x7) 2 (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 3.799 V/m; Power Drift = -0.16 dB
Peak SAR (extrapolated) = 0.327 W/kg
SAR(1 g) = 0.192 W/kg; SAR(10 g) = 0.103 W/kg
Maximum value of SAR (measured) = 0.218 W/kg

024: Touch Right_Wi-Fi 2.4GHz_802.11b 1Mbps_CH6
Date: 15/04/2015
DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX



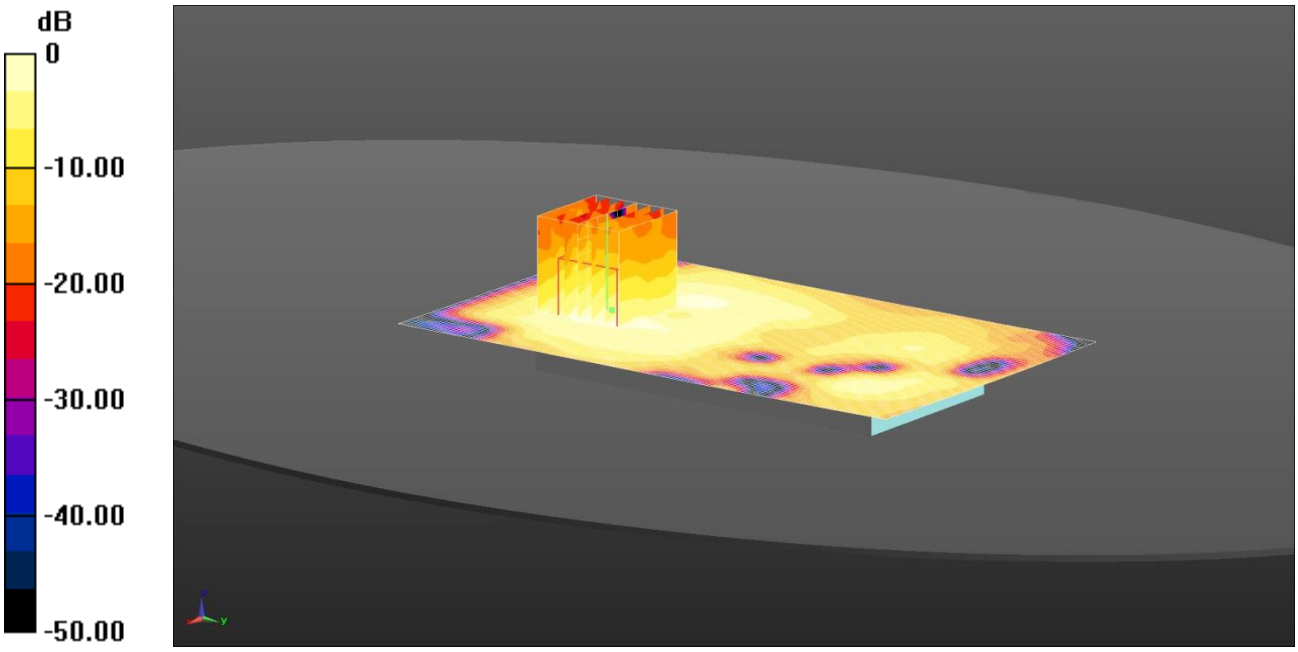
0 dB = 0.122mW/g

Communication System: WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: 2450 MHz HSL Medium parameters used (interpolated): f = 2437 MHz; σ = 2.01 mho/m; ε_r = 52.1; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3304; ConvF(4.24, 4.24, 4.24);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 20/08/2014
- Phantom: SAM 12a (Site 57); Type: SAM 4.0; Serial: TP:1020
- Measurement SW: DASY4, V4.7 Build 80; Postprocessing SW: SEMCAD, V1.8 Build 186

Touch Right - Middle/Area Scan (91x151x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.126 mW/g

Touch Right - Middle/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 7.44 V/m; Power Drift = 0.001 dB
Peak SAR (extrapolated) = 0.235 W/kg
SAR(1 g) = 0.108 mW/g; SAR(10 g) = 0.050 mW/g
Maximum value of SAR (measured) = 0.122 mW/g

025: Back of EUT-Body-Worn_Wi-Fi 2.4GHz_802.11b 1Mbps_CH6
Date: 10/04/2015
DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX



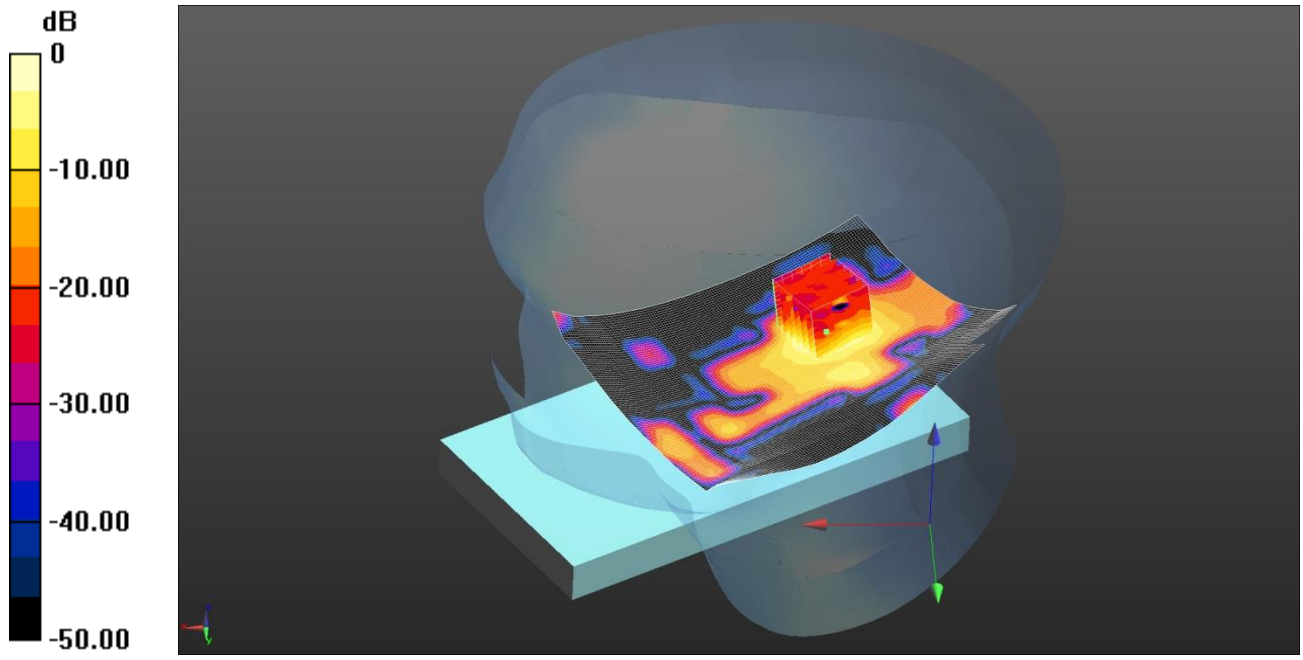
0 dB = 0.0374 W/kg = -14.27 dBW/kg

Communication System: UID 0 - n/a, WLAN; Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: 2450 MHz MSL Medium parameters used (interpolated): f = 2437 MHz; σ = 2.006 S/m; ε_r = 52.601; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ES3DV3 - SN3304; ConvF(4.24, 4.24, 4.24); Calibrated: 21/08/2014;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn432; Calibrated: 20/08/2014
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.9 (7117)

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) = 0.0330 W/kg
Configuration/Back of EUT Facing Phantom - Middle 2/Zoom Scan (7x7x7) 2 (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.293 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 0.0760 W/kg
SAR(1 g) = 0.034 W/kg; SAR(10 g) = 0.015 W/kg
Maximum value of SAR (measured) = 0.0374 W/kg

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

026: Touch Right_Wi-Fi 5GHz_802.11a 6Mbps_CH48
Date: 18/04/2015
DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

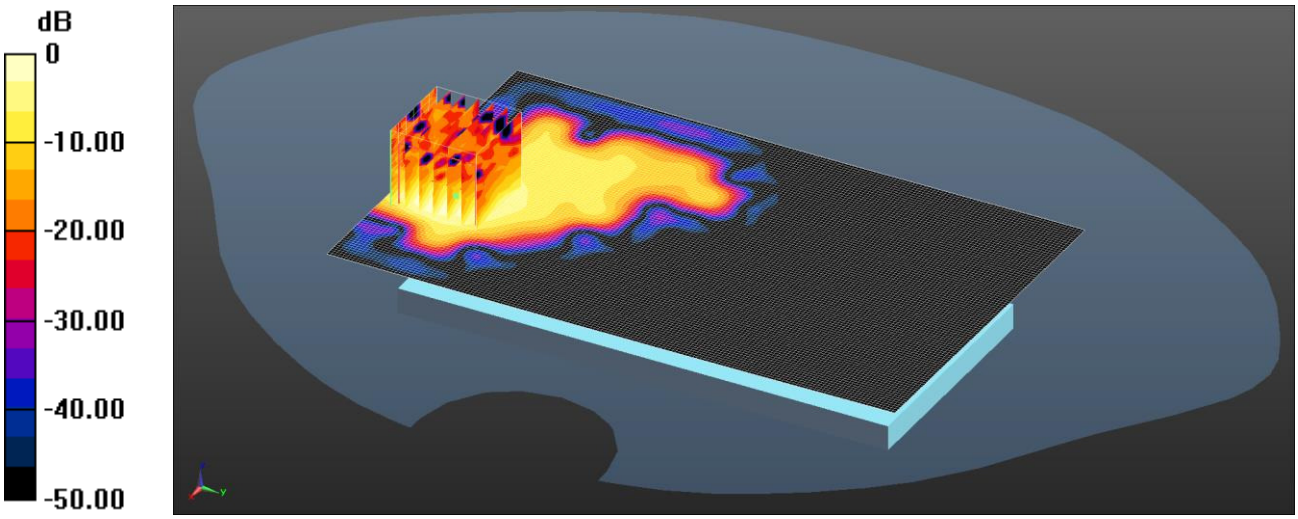


0 dB = 0.608 W/kg = -2.16 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: 5200/5500/5800 MHz HSL Medium parameters used (interpolated): f = 5240 MHz; σ = 4.572 S/m; ε_r = 34.511; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3994; ConvF(5.3, 5.3, 5.3); Calibrated: 17/03/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 16/09/2014
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Touch Right/Area Scan (131x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.675 W/kg
Configuration/Touch Right/Zoom Scan (7x7x12) 2 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 5.038 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 1.32 W/kg
SAR(1 g) = 0.481 W/kg; SAR(10 g) = 0.143 W/kg
Maximum value of SAR (measured) = 0.608 W/kg

027: Front of EUT-Body-Worn_Wi-Fi 5GHz_802.11a 6Mbps_CH48
Date: 16/04/15
DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX



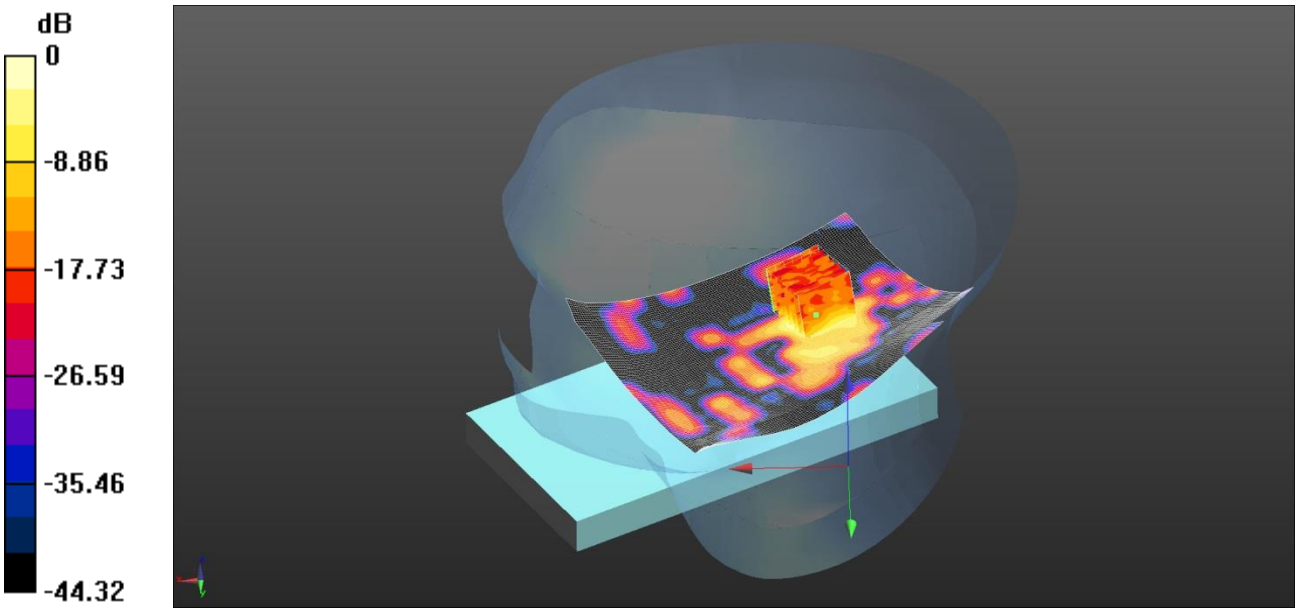
0 dB = 0.232 W/kg = -6.35 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: 5GHz MSL Medium parameters used (interpolated): f = 5240 MHz; σ = 5.321 S/m; ε_r = 48.294; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(4.38, 4.38, 4.38); Calibrated: 18/09/14;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/04/14
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Front of EUT Facing Phantom 2/Area Scan (101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.271 W/kg

Configuration/Front of EUT Facing Phantom 2/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.217 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 0.441 W/kg
SAR(1 g) = 0.179 W/kg; SAR(10 g) = 0.059 W/kg
Maximum value of SAR (measured) = 0.232 W/kg

028: Touch Right_Wi-Fi 5GHz_802.11a 6Mbps_CH52
Date: 18/04/2015
DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

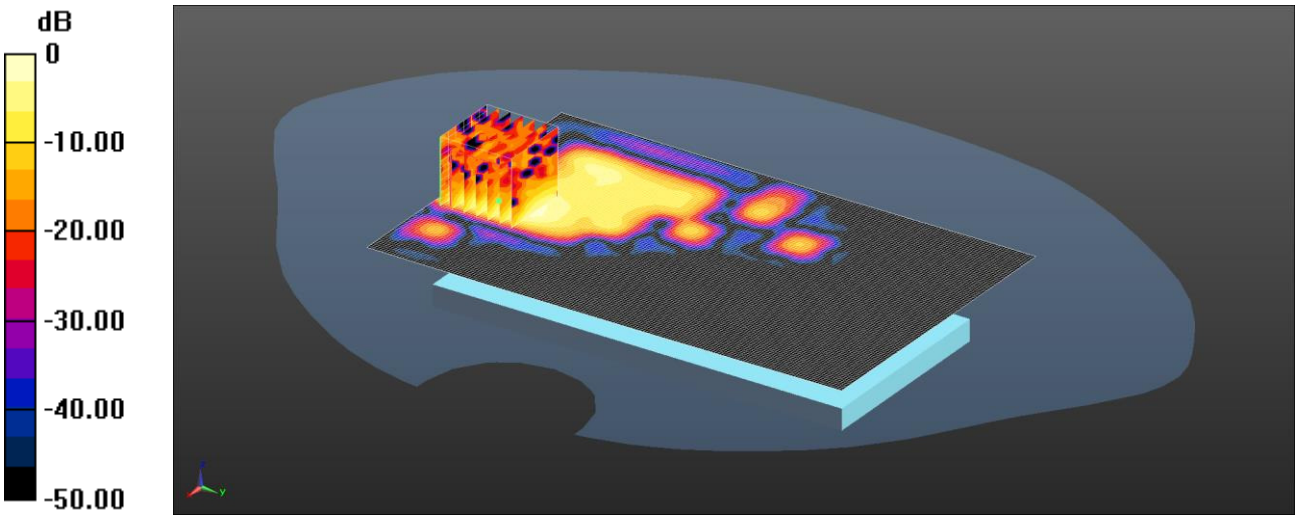


0 dB = 0.582 W/kg = -2.35 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5260 MHz;Duty Cycle: 1:1
Medium: 5200/5500/5800 MHz HSL Medium parameters used (interpolated): f = 5260 MHz; σ = 4.594 S/m; ε_r = 34.48; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3994; ConvF(5.3, 5.3, 5.3); Calibrated: 17/03/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 16/09/2014
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Touch Right/Area Scan (131x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.664 W/kg
Configuration/Touch Right/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 6.248 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 1.13 W/kg
SAR(1 g) = 0.436 W/kg; SAR(10 g) = 0.136 W/kg
Maximum value of SAR (measured) = 0.582 W/kg

029: Front of EUT-Body-Worn_Wi-Fi 5GHz_802.11a 6Mbps_CH64
Date: 16/04/15
DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX



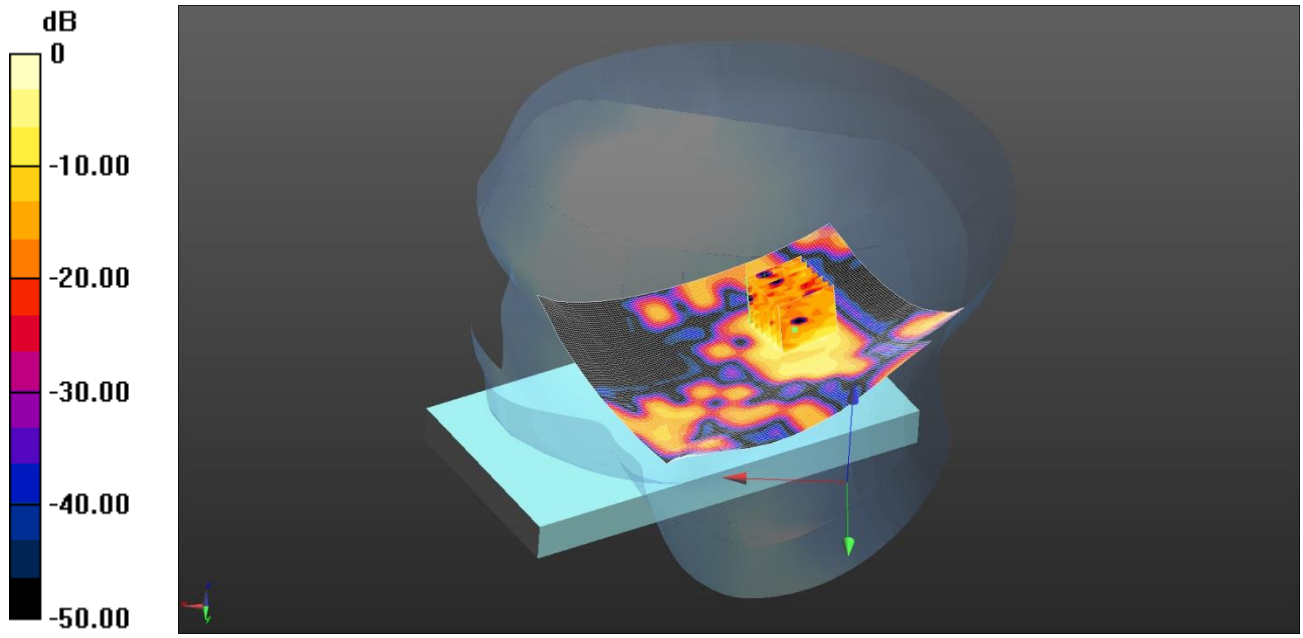
0 dB = 0.183 W/kg = -7.38 dBW/kg
Communication System: UID 0, WLAN 802.11 (0); Frequency: 5320 MHz;Duty Cycle: 1:1
Medium: 5GHz MSL Medium parameters used (interpolated): f = 5320 MHz; σ = 5.436 S/m; ε_r = 48.099; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(4.18, 4.18, 4.18); Calibrated: 18/09/14;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/04/14
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Front of EUT Facing Phantom 2/Area Scan (101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.300 W/kg

Configuration/Front of EUT Facing Phantom 2/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0.6610 V/m; Power Drift = -999.00 dB
Peak SAR (extrapolated) = 0.458 W/kg
SAR(1 g) = 0.150 W/kg; SAR(10 g) = 0.046 W/kg
Maximum value of SAR (measured) = 0.183 W/kg

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

030: Touch Right_Wi-Fi 5GHz_802.11a 6Mbps_CH124
Date: 18/04/2015
DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX

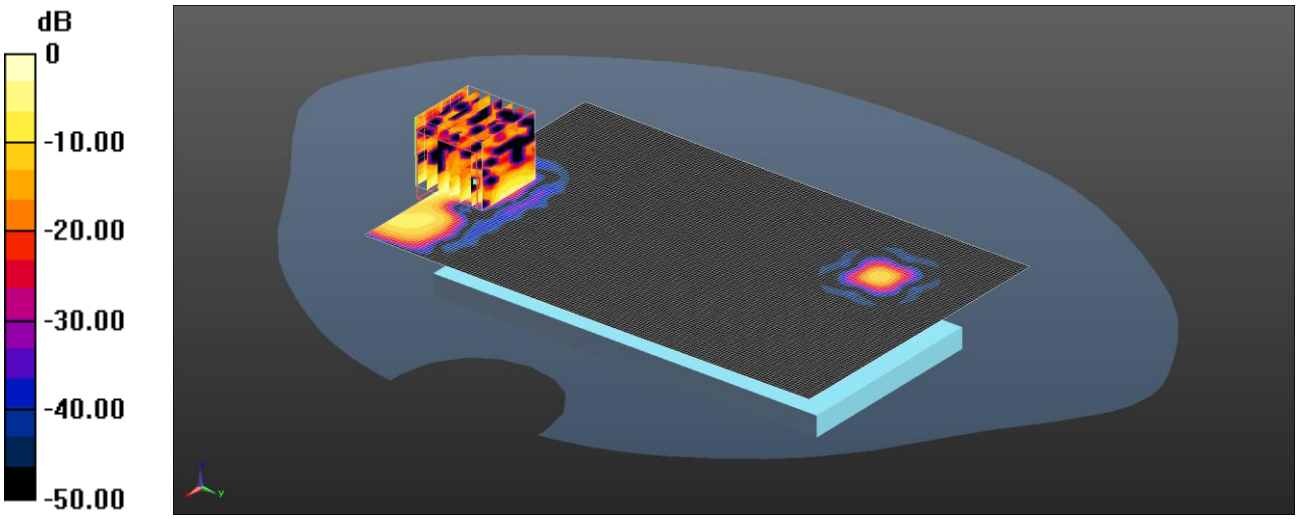


0 dB = 0.480 W/kg = -3.19 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5620 MHz;Duty Cycle: 1:1
Medium: 5200/5500/5800 MHz HSL Medium parameters used (interpolated): f = 5620 MHz; σ = 4.971 S/m; ε_r = 33.979; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3994; ConvF(4.77, 4.77, 4.77); Calibrated: 17/03/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 16/09/2014
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Touch Right/Area Scan (131x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.430 W/kg
Configuration/Touch Right/Zoom Scan (7x7x12) 2 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 9.640 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 1.19 W/kg
SAR(1 g) = 0.362 W/kg; SAR(10 g) = 0.107 W/kg
Maximum value of SAR (measured) = 0.480 W/kg

031: Front of EUT-Body-Worn_Wi-Fi 5GHz_802.11a 6Mbps_CH116
Date: 16/04/15
DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX



0 dB = 0.105 W/kg = -9.79 dBW/kg

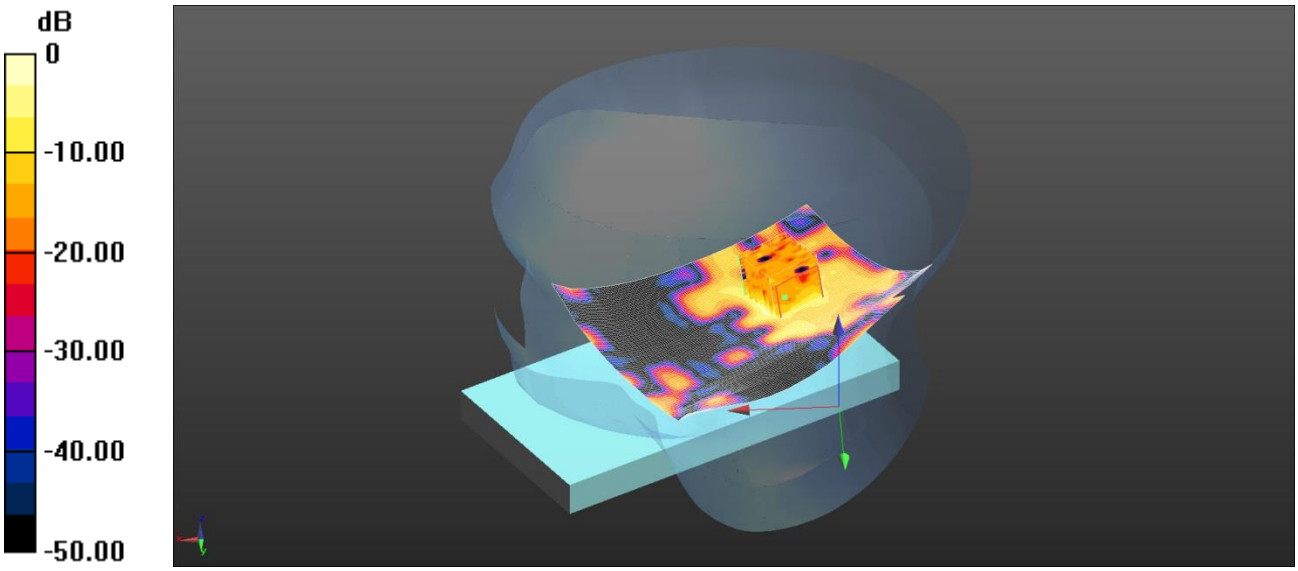
Communication System: UID 0, WLAN 802.11 (0); Frequency: 5580 MHz;Duty Cycle: 1:1
Medium: 5GHz MSL Medium parameters used (interpolated): f = 5580 MHz; σ = 5.848 S/m; ε_r = 47.494; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(3.79, 3.79, 3.79); Calibrated: 18/09/14;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/04/14
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Front of EUT Facing Phantom 2/Area Scan (101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.257 W/kg

Configuration/Front of EUT Facing Phantom 2/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0 V/m; Power Drift = 999.00 dB
Peak SAR (extrapolated) = 0.513 W/kg
SAR(1 g) = 0.065 W/kg; SAR(10 g) = 0.024 W/kg.
Maximum value of SAR (measured) = 0.105 W/kg

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

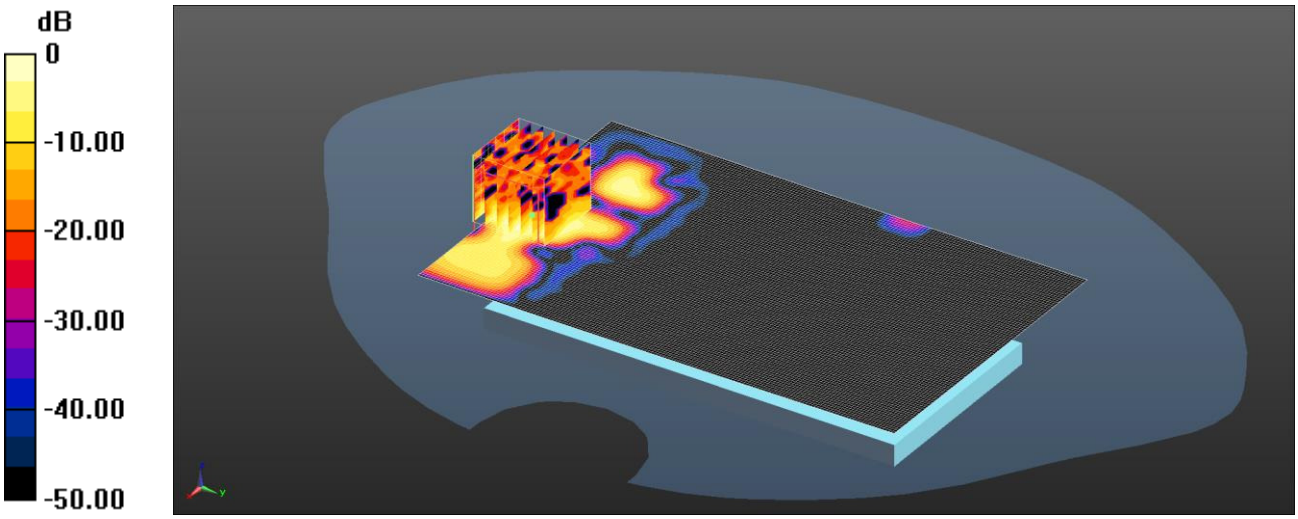
032: Touch Right_Wi-Fi 5GHz_802.11a 6Mbps_CH157
Date: 18/04/2015
DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX



0 dB = 0.424 W/kg = -3.73 dBW/kg
Communication System: UID 0, WLAN 802.11 (0); Frequency: 5785 MHz;Duty Cycle: 1:1
Medium: 5200/5500/5800 MHz HSL Medium parameters used (interpolated): f = 5785 MHz; σ = 5.134 S/m; ε_r = 33.784; ρ = 1000 kg/m^3
Phantom section: Right Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3994; ConvF(4.73, 4.73, 4.73); Calibrated: 17/03/2015;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn450; Calibrated: 16/09/2014
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7164)

Configuration/Touch Right/Area Scan (131x111x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.387 W/kg
Configuration/Touch Right/Zoom Scan (7x7x12) 2 2 (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 9.538 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 1.05 W/kg
SAR(1 g) = 0.339 W/kg; SAR(10 g) = 0.103 W/kg
Maximum value of SAR (measured) = 0.424 W/kg

033: Front of EUT-Body-Worn_Wi-Fi 5GHz_802.11a 6Mbps_CH149
Date: 16/04/15
DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX



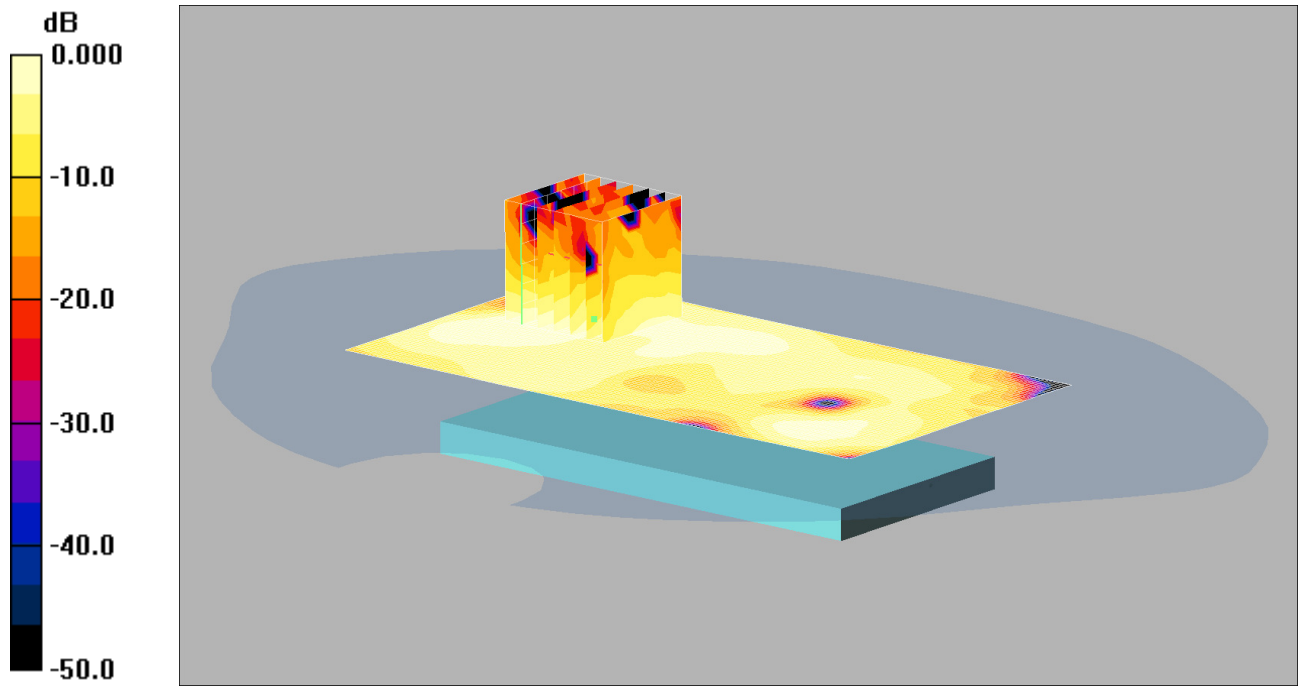
0 dB = 0.147 W/kg = -8.33 dBW/kg

Communication System: UID 0, WLAN 802.11 (0); Frequency: 5745 MHz;Duty Cycle: 1:1
Medium: 5GHz MSL Medium parameters used (interpolated): f = 5745 MHz; σ = 6.122 S/m; ε_r = 47.066; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: EX3DV4 - SN3814; ConvF(4.06, 4.06, 4.06); Calibrated: 18/09/14;
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1435; Calibrated: 15/04/14
- Phantom: SAM (20deg probe tilt) with CRP v4.0; Type: QD000P40CC; Serial: TP:xxxx
- ; SEMCAD X Version 14.6.10 (7331)

Configuration/Front of EUT Facing Phantom 2/Area Scan (101x161x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 0.239 W/kg

Configuration/Front of EUT Facing Phantom 2/Zoom Scan (7x7x12) (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 0 V/m; Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.581 W/kg
SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.033 W/kg
Maximum value of SAR (measured) = 0.147 W/kg

034: Back of EUT-Body-Worn_Bluetooth_1Mbps_CH39
Date: 29/04/2015
DUT: A1429; Sleeve: InfineaX; FCC ID of sleeve: YRWDATECSBTIX



0 dB = 0.014mW/g

Communication System: Bluetooth; Frequency: 2441 MHz;Duty Cycle: 1:1
Medium: 2450 MHz MSL Medium parameters used (interpolated): f = 2441 MHz; σ = 1.94 mho/m; ε_r = 52; ρ = 1000 kg/m^3
Phantom section: Flat Section
DASY4 Configuration:
- Probe: ET3DV6 - SN1529; ConvF(3.95, 3.95, 3.95);
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE3 Sn394; Calibrated: 16/05/2014
- Phantom: SAM 12b (Site 56); Type: SAM 4.0; Serial: TP:1192
- Measurement SW: DASY4, V4.6 Build 19; Postprocessing SW: SEMCAD, V1.8 Build 159

Back - Middle/Area Scan (71x131x1): Measurement grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.017 mW/g
Back - Middle/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.04 V/m; Power Drift = 0.019 dB
Peak SAR (extrapolated) = 0.025 W/kg
SAR(1 g) = 0.012 mW/g; SAR(10 g) = 0.00526 mW/g
Maximum value of SAR (measured) = 0.014 mW/g

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