

WIFI 5GHz:

ANT0:

Test Laboratory: Audix SAR Lab

Date: 27/09/2018

11a CH36(5180MHz Right)

DUT: POS Terminal M/N:SPD1-01

Communication System: UID 0, IEEE 802.11a WiFi 5.2GHz (0); Communication System Band: IEEE 802.11a WiFi 5.2GHz; Frequency: 5180 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 5180 \text{ MHz}$; $\sigma = 4.896 \text{ S/m}$; $\epsilon_r = 47.26$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(5.26, 5.26, 5.26); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH36(5180MHz Right)/Area Scan (51x71x1): Interpolated grid:

$dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.909 W/kg

Configuration/CH36(5180MHz Right)/Zoom Scan (7x7x7)/Cube 0:

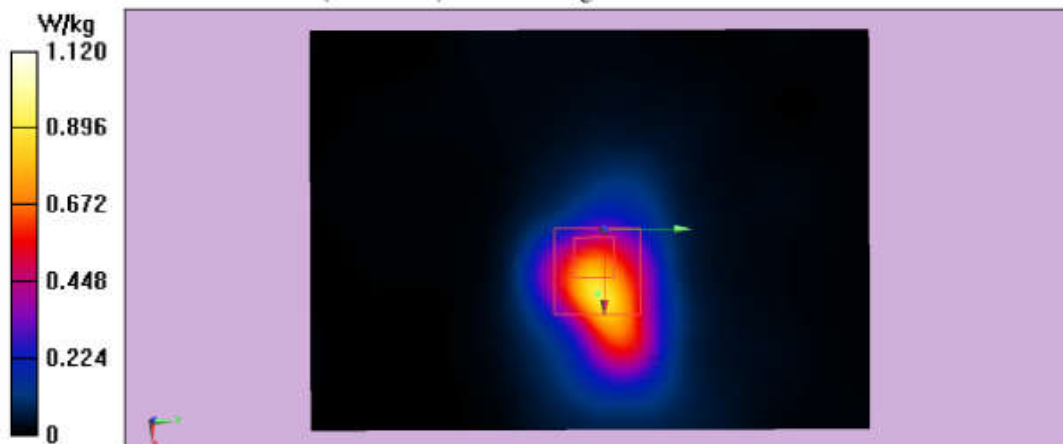
Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 11.37 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 2.74 W/kg

SAR(1 g) = 0.900 W/kg; SAR(10 g) = 0.293 W/kg

Maximum value of SAR (measured) = 1.12 W/kg



Test Laboratory: Audix SAR Lab

Date: 27/09/2018

11a CH40(5200MHz Back)

DUT: POS Terminal M/N:SPD1-01

Communication System: UID 0, IEEE 802.11a WiFi 5.2GHz (0); Communication System Band: IEEE 802.11a WiFi 5.2GHz; Frequency: 5200 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 4.911 \text{ S/m}$; $\epsilon_r = 47.21$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(5.26, 5.26, 5.26); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH40(5200MHz Back)/Area Scan (51x71x1): Interpolated grid:

$dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.464 W/kg

Configuration/CH40(5200MHz Back)/Zoom Scan (7x7x7)/Cube 0:

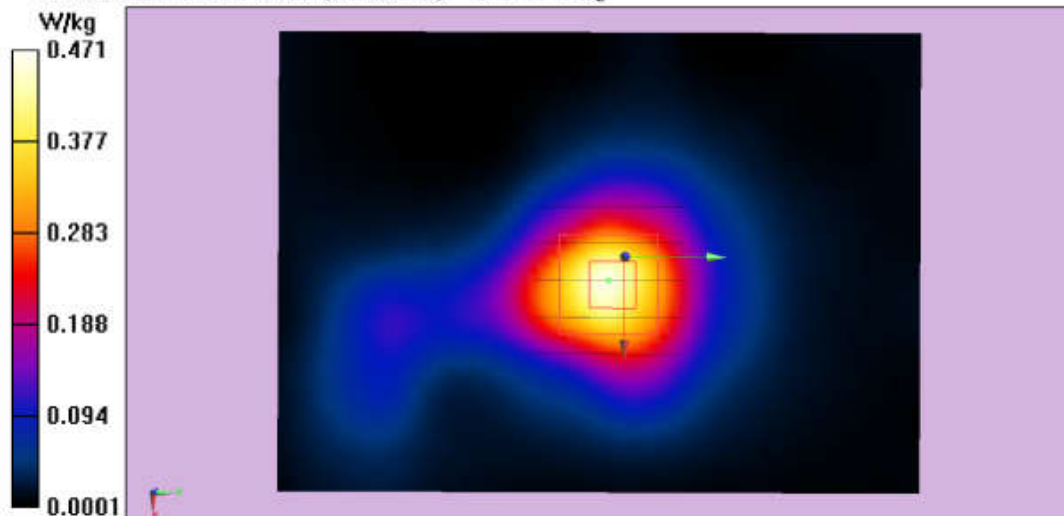
Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 9.296 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.67 W/kg

SAR(1 g) = 0.459 W/kg; SAR(10 g) = 0.181 W/kg

Maximum value of SAR (measured) = 0.471 W/kg



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Date: 27/09/2018

11a CH40(5200MHz Left)

DUT: POS Terminal M/N:SPD1-01

Communication System: UID 0, IEEE 802.11a WiFi 5.2GHz (0); Communication System Band: IEEE 802.11a WiFi 5.2GHz; Frequency: 5200 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 5200 \text{ MHz}$; $\sigma = 4.911 \text{ S/m}$; $\epsilon_r = 47.21$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(5.26, 5.26, 5.26); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH40(5200MHz Left)/Area Scan (51x71x1): Interpolated grid:

$dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.113 W/kg

Configuration/CH40(5200MHz Left)/Zoom Scan (7x7x7)/Cube 0: Measurement

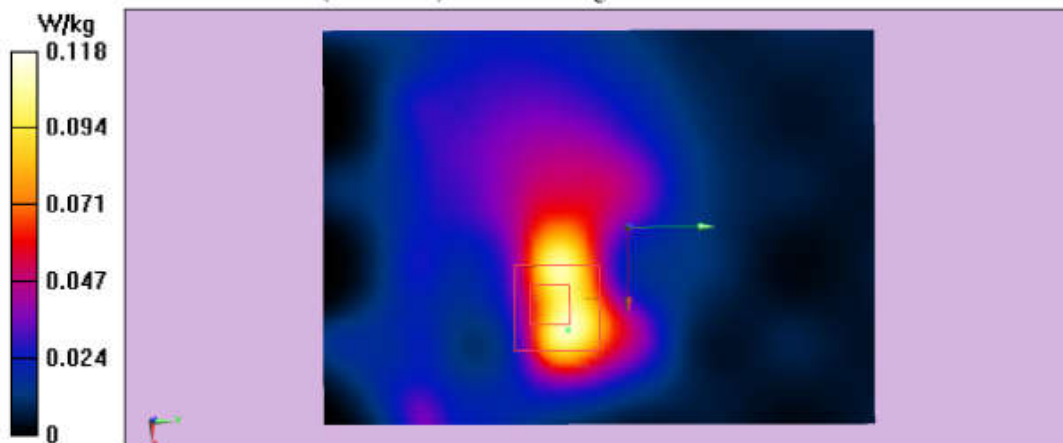
grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 2.563 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.353 W/kg

SAR(1 g) = 0.119 W/kg; SAR(10 g) = 0.044 W/kg

Maximum value of SAR (measured) = 0.118 W/kg



Test Laboratory: Audix SAR Lab

Date: 27/09/2018

11a CH40(5200MHz Right)

DUT: POS Terminal M/N:SPD1-01

Communication System: UID 0, IEEE 802.11a WiFi 5.2GHz (0); Communication System Band: IEEE 802.11a WiFi 5.2GHz; Frequency: 5200 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 5200$ MHz; $\sigma = 4.911$ S/m; $\epsilon_r = 47.21$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(5.26, 5.26, 5.26); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH40(5200MHz Right)/Area Scan (51x71x1): Interpolated grid:

$dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 1.09 W/kg

Configuration/CH40(5200MHz Right)/Zoom Scan (7x7x7)/Cube 0:

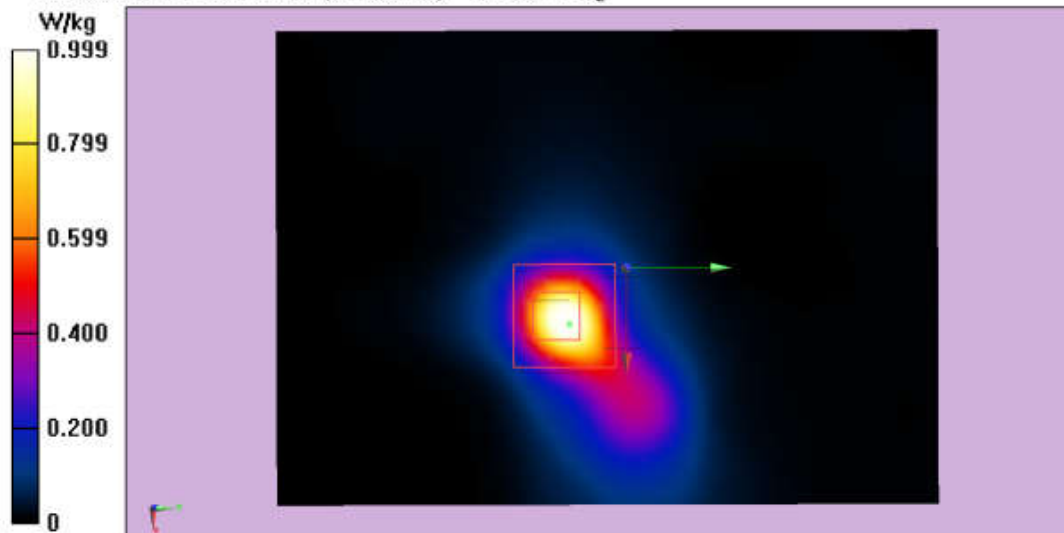
Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 5.623 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 2.88 W/kg

SAR(1 g) = 0.874 W/kg; SAR(10 g) = 0.277 W/kg

Maximum value of SAR (measured) = 0.999 W/kg



Test Laboratory: Audix SAR Lab

Date: 27/09/2018

11a CH40(5200MHz Top)

DUT: POS Terminal M/N:SPD1-01

Communication System: UID 0, IEEE 802.11a WiFi 5.2GHz (0); Communication System Band: IEEE 802.11a WiFi 5.2GHz; Frequency: 5200 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 5200$ MHz; $\sigma = 4.911$ S/m; $\epsilon_r = 47.21$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(5.26, 5.26, 5.26); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH40(5200MHz Top)/Area Scan (51x71x1): Interpolated grid:

$dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.475 W/kg

Configuration/CH40(5200MHz Top)/Zoom Scan (7x7x7)/Cube 0: Measurement

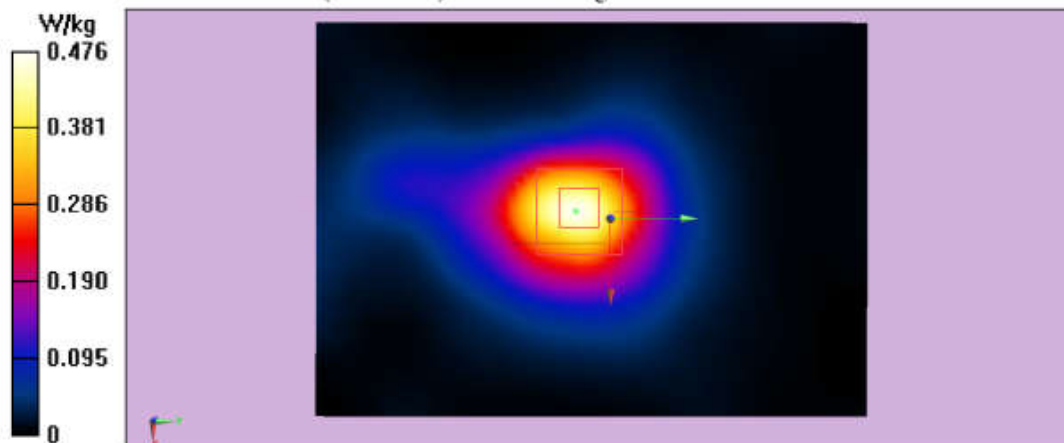
grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 8.273 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 3.17 W/kg

SAR(1 g) = 0.588 W/kg; SAR(10 g) = 0.221 W/kg

Maximum value of SAR (measured) = 0.476 W/kg



Test Laboratory: Audix SAR Lab

Date: 27/09/2018

11a CH48(5240MHz Right)

DUT: POS Terminal M/N:SPD1-01

Communication System: UID 0, IEEE 802.11a WiFi 5.2GHz (0); Communication System Band: IEEE 802.11a WiFi 5.2GHz; Frequency: 5240 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 5240$ MHz; $\sigma = 4.958$ S/m; $\epsilon_r = 47.19$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(5.26, 5.26, 5.26); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH48(5240MHz Right)/Area Scan (51x71x1): Interpolated grid:

$dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.943 W/kg

Configuration/CH48(5240MHz Right)/Zoom Scan (7x7x7)/Cube 0:

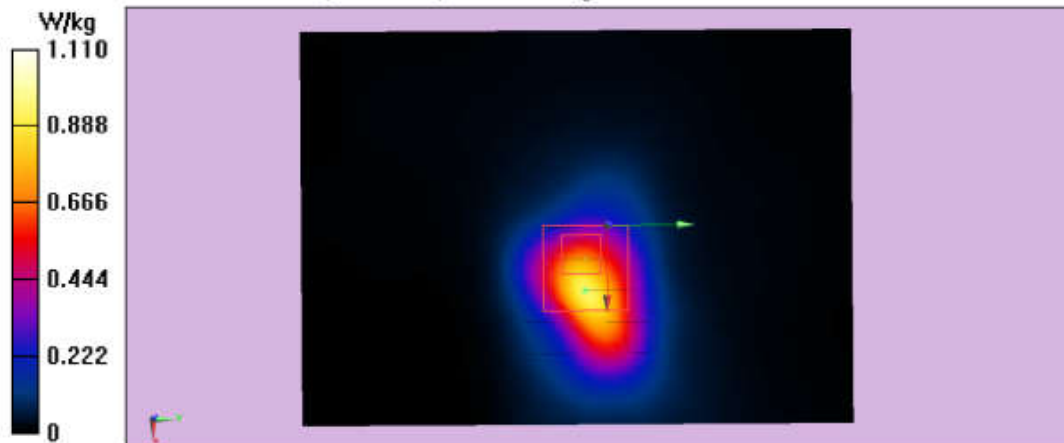
Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 11.36 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 2.72 W/kg

SAR(1 g) = 0.896 W/kg; SAR(10 g) = 0.294 W/kg

Maximum value of SAR (measured) = 1.11 W/kg



Test Laboratory: Audix SAR Lab

Date: 27/09/2018

11a CH52(5260MHz Right)

DUT: POS Terminal M/N:SPD1-01

Communication System: UID 0, IEEE 802.11a WiFi 5.3GHz (0); Communication System
Band: IEEE 802.11a WiFi 5.3GHz ; Frequency: 5260 MHz; Communication System PAR: 0
dB

Medium parameters used: $f = 5260$ MHz; $\sigma = 5.3$ S/m; $\epsilon_r = 47.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.98, 4.98, 4.98); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH52(5260MHz Right)/Area Scan (51x71x1): Interpolated grid:

$dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 1.30 W/kg

Configuration/CH52(5260MHz Right)/Zoom Scan (7x7x7)/Cube 0:

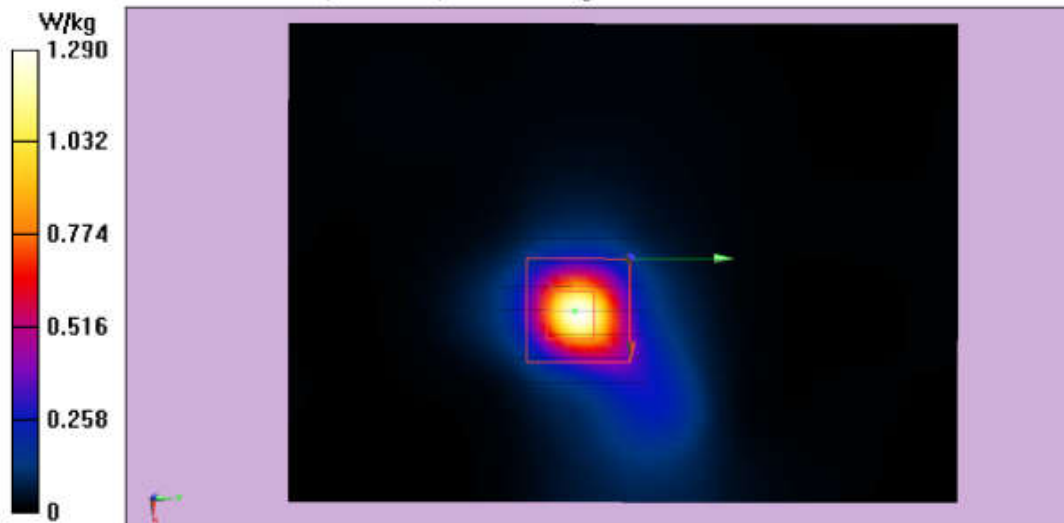
Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 5.666 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 3.60 W/kg

SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.327 W/kg

Maximum value of SAR (measured) = 1.29 W/kg



Test Laboratory: Audix SAR Lab

Date: 27/09/2018

11a CH60(5300MHz Right)

DUT: POS Terminal M/N:SPD1-01

Communication System: UID 0, IEEE 802.11a WiFi 5.3GHz (0); Communication System
Band: IEEE 802.11a WiFi 5.3GHz ; Frequency: 5300 MHz; Communication System PAR: 0
dB

Medium parameters used: $f = 5300$ MHz; $\sigma = 5.3$ S/m; $\epsilon_r = 47.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.98, 4.98, 4.98); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH60(5300MHz Right)/Area Scan (51x71x1): Interpolated grid:

dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.50 W/kg

Configuration/CH60(5300MHz Right)/Zoom Scan (7x7x7)/Cube 0:

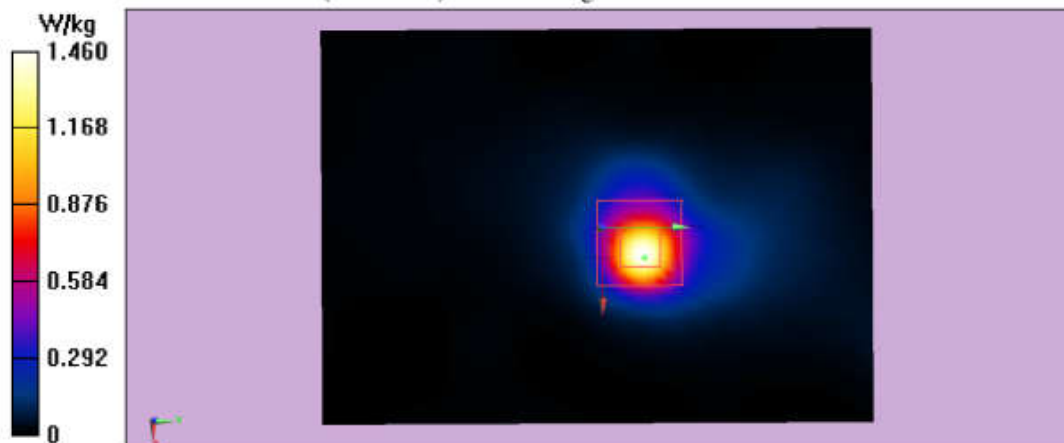
Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 12.74 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 3.56 W/kg

SAR(1 g) = 1.16 W/kg; SAR(10 g) = 0.372 W/kg

Maximum value of SAR (measured) = 1.46 W/kg



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Date: 27/09/2018

11a CH64(5320MHz Back)

DUT: POS Terminal M/N:SPD1-01

Communication System: UID 0, IEEE 802.11a WiFi 5.3GHz (0); Communication System
Band: IEEE 802.11a WiFi 5.3GHz ; Frequency: 5320 MHz; Communication System PAR: 0
dB

Medium parameters used: $f = 5320$ MHz; $\sigma = 5.3$ S/m; $\epsilon_r = 47.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.98, 4.98, 4.98); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH64(5320MHz Back)/Area Scan (51x71x1): Interpolated grid:

$dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.521 W/kg

Configuration/CH64(5320MHz Back)/Zoom Scan (7x7x7)/Cube 0:

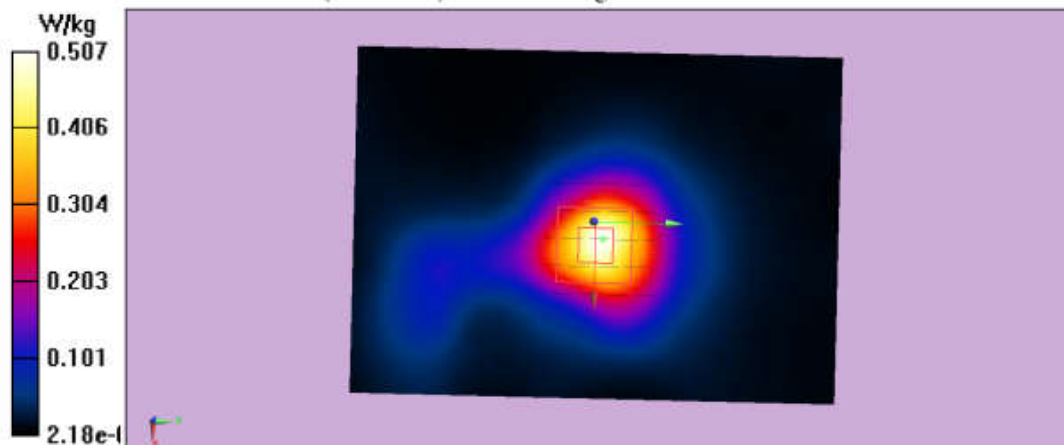
Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 9.284 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 0.481 W/kg; SAR(10 g) = 0.189 W/kg

Maximum value of SAR (measured) = 0.507 W/kg



Test Laboratory: Audix SAR Lab

Date: 27/09/2018

11a CH64(5320MHz Left)

DUT: POS Terminal M/N:SPD1-01

Communication System: UID 0, IEEE 802.11a WiFi 5.3GHz (0); Communication System
Band: IEEE 802.11a WiFi 5.3GHz ; Frequency: 5320 MHz; Communication System PAR: 0
dB

Medium parameters used: $f = 5320$ MHz; $\sigma = 5.3$ S/m; $\epsilon_r = 47.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.98, 4.98, 4.98); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH64(5320MHz Left)/Area Scan (51x71x1): Interpolated grid:

$dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.124 W/kg

Configuration/CH64(5320MHz Left)/Zoom Scan (7x7x7)/Cube 0: Measurement

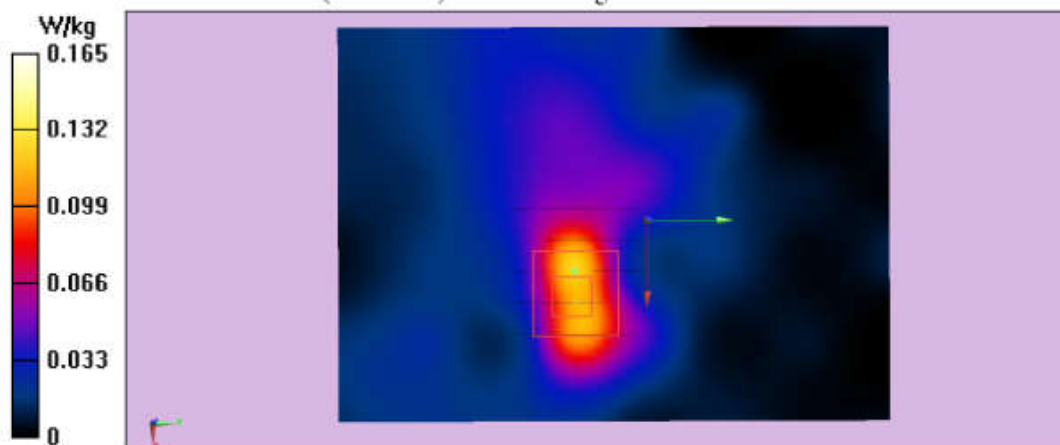
grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 2.753 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.359 W/kg

SAR(1 g) = 0.127 W/kg; SAR(10 g) = 0.044 W/kg

Maximum value of SAR (measured) = 0.165 W/kg



Test Laboratory: Audix SAR Lab

Date: 27/09/2018

11a CH64(5320MHz Right)

DUT: POS Terminal M/N:SPD1-01

Communication System: UID 0, IEEE 802.11a WiFi 5.3GHz (0); Communication System
Band: IEEE 802.11a WiFi 5.3GHz ; Frequency: 5320 MHz; Communication System PAR: 0
dB

Medium parameters used: $f = 5320 \text{ MHz}$; $\sigma = 5.3 \text{ S/m}$; $\epsilon_r = 47.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.98, 4.98, 4.98); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH64(5320MHz Right)/Area Scan (51x71x1): Interpolated grid:

$dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 1.53 W/kg

Configuration/CH64(5320MHz Right)/Zoom Scan (7x7x7)/Cube 0:

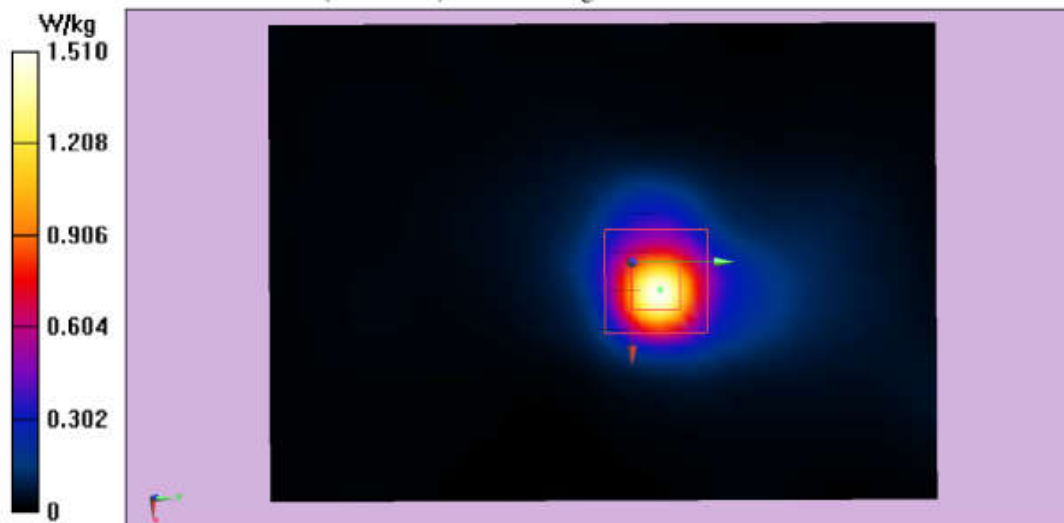
Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 12.78 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 3.55 W/kg

SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.367 W/kg

Maximum value of SAR (measured) = 1.51 W/kg



Test Laboratory: Audix SAR Lab

Date: 27/09/2018

11a CH64(5320MHz Top)

DUT: POS Terminal M/N:SPD1-01

Communication System: UID 0, IEEE 802.11a WiFi 5.3GHz (0); Communication System
Band: IEEE 802.11a WiFi 5.3GHz ; Frequency: 5320 MHz;Communication System PAR: 0
dB

Medium parameters used: $f = 5320$ MHz; $\sigma = 5.3$ S/m; $\epsilon_r = 47.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.98, 4.98, 4.98); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH64(5320MHz Top)/Area Scan (51x71x1): Interpolated grid:

$dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.488 W/kg

Configuration/CH64(5320MHz Top)/Zoom Scan (7x7x7)/Cube 0: Measurement

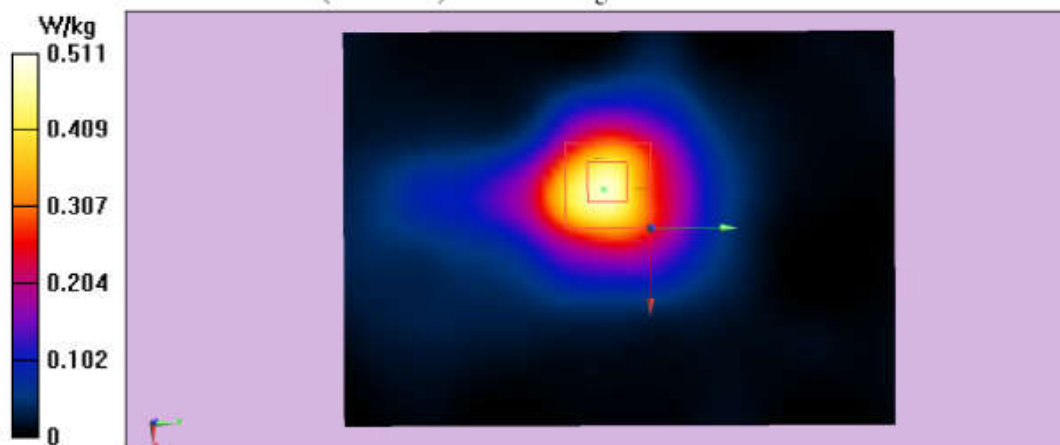
grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 7.453 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.42 W/kg

SAR(1 g) = 0.560 W/kg; SAR(10 g) = 0.212 W/kg

Maximum value of SAR (measured) = 0.511 W/kg



Test Laboratory: Audix SAR Lab

Date: 27/09/2018

11a CH100(5500MHz Right)

DUT: POS Terminal M/N:SPD1-01

Communication System: UID 0, IEEE 802.11a WiFi 5.5GHz (0); Communication System Band: IEEE 802.11a WiFi 5.5GHz; Frequency: 5500 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 5500$ MHz; $\sigma = 5.68$ S/m; $\epsilon_r = 46.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.46, 4.46, 4.46); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH100(5500MHz Back)/Area Scan (51x71x1): Interpolated grid:

dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.80 W/kg

Configuration/CH100(5500MHz Back)/Zoom Scan (7x7x7)/Cube 0:

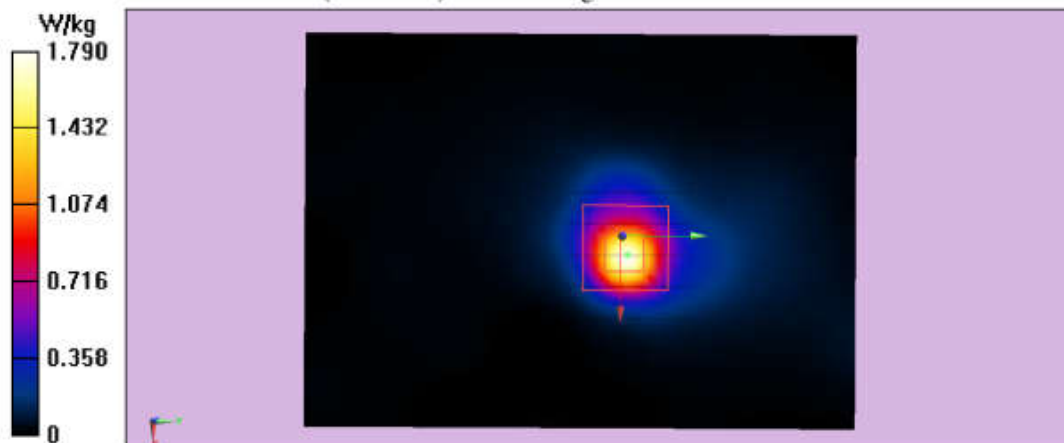
Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 13.77 V/m; Power Drift = -0.20 dB

Peak SAR (extrapolated) = 4.19 W/kg

SAR(1 g) = 1.36 W/kg; SAR(10 g) = 0.436 W/kg

Maximum value of SAR (measured) = 1.79 W/kg



Test Laboratory: Audix SAR Lab

Date: 27/09/2018

11a CH120(5600MHz Back)

DUT: POS Terminal M/N:SPD1-01

Communication System: UID 0, IEEE 802.11a WiFi 5.5GHz (0); Communication System Band: IEEE 802.11a WiFi 5.5GHz; Frequency: 5600 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.68$ S/m; $\epsilon_r = 46.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.37, 4.37, 4.37); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH120(5600MHz Back)/Area Scan (51x71x1): Interpolated grid:

dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.603 W/kg

Configuration/CH120(5600MHz Back)/Zoom Scan (7x7x7)/Cube 0:

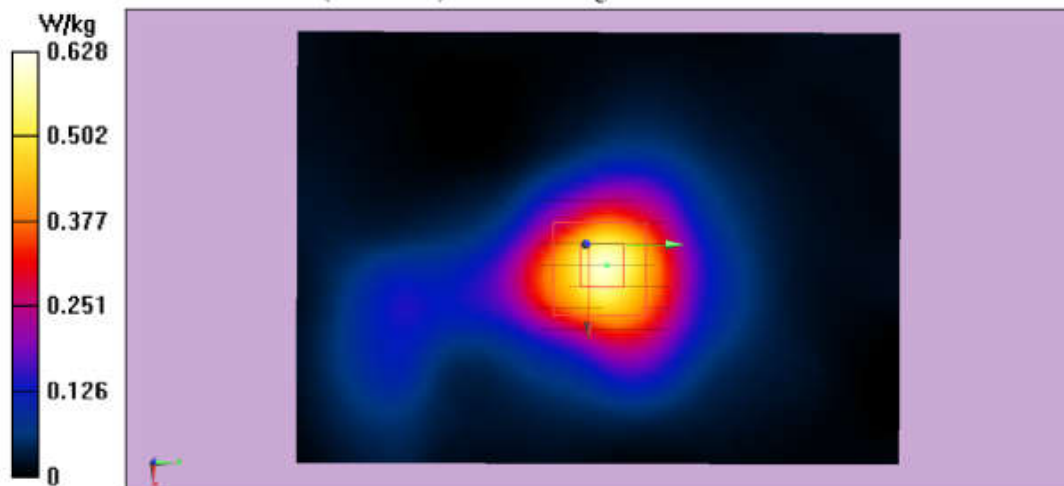
Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 9.928 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 3.71 W/kg

SAR(1 g) = 0.707 W/kg; SAR(10 g) = 0.248 W/kg

Maximum value of SAR (measured) = 0.628 W/kg



Test Laboratory: Audix SAR Lab

Date: 27/09/2018

11a CH120(5600MHz Left)

DUT: POS Terminal M/N:SPD1-01

Communication System: UID 0, IEEE 802.11a WiFi 5.5GHz (0); Communication System Band: IEEE 802.11a WiFi 5.5GHz; Frequency: 5600 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 5600 \text{ MHz}$; $\sigma = 5.68 \text{ S/m}$; $\epsilon_r = 46.7$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.37, 4.37, 4.37); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH120(5600MHz Left)/Area Scan (51x71x1): Interpolated grid:

$dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.162 W/kg

Configuration/CH120(5600MHz Left)/Zoom Scan (7x7x7)/Cube 0:

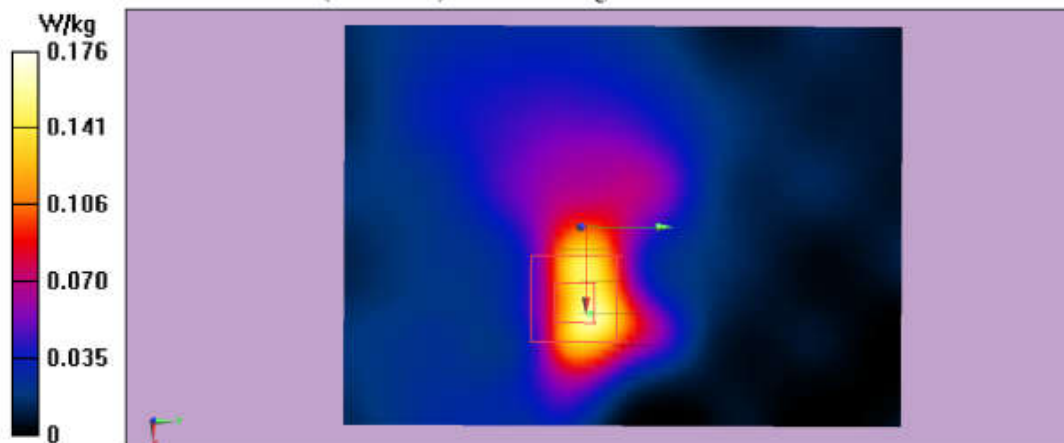
Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 2.828 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.461 W/kg

SAR(1 g) = 0.159 W/kg; SAR(10 g) = 0.056 W/kg

Maximum value of SAR (measured) = 0.176 W/kg



Test Laboratory: Audix SAR Lab

Date: 27/09/2018

11a CH120(5600MHz Right)

DUT: POS Terminal M/N:SPD1-01

Communication System: UID 0, IEEE 802.11a WiFi 5.5GHz (0); Communication System Band: IEEE 802.11a WiFi 5.5GHz; Frequency: 5600 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 5600 \text{ MHz}$; $\sigma = 5.68 \text{ S/m}$; $\epsilon_r = 46.7$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.37, 4.37, 4.37); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH120(5600MHz Back)/Area Scan (51x71x1): Interpolated grid:

$dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 1.85 W/kg

Configuration/CH120(5600MHz Back)/Zoom Scan (7x7x7)/Cube 0:

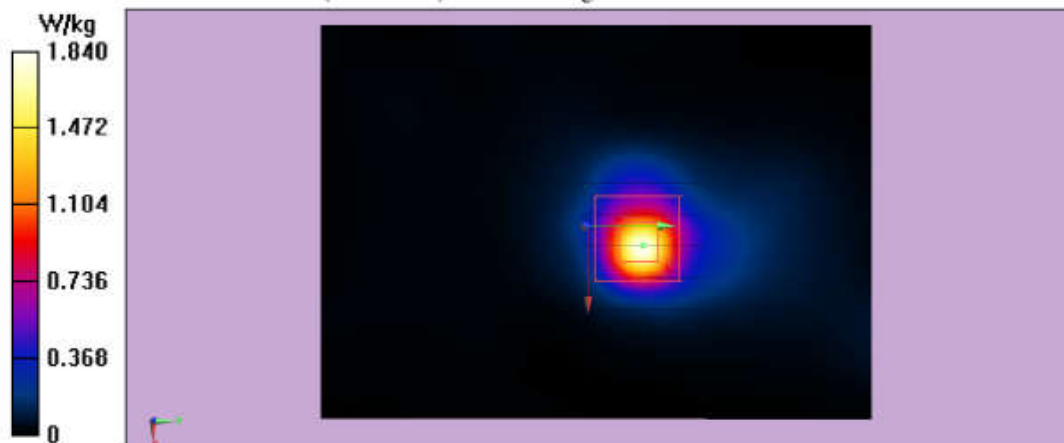
Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 14.14 V/m; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 4.38 W/kg

SAR(1 g) = 1.41 W/kg; SAR(10 g) = 0.452 W/kg

Maximum value of SAR (measured) = 1.84 W/kg



Test Laboratory: Audix SAR Lab

Date: 27/09/2018

11a CH120(5600MHz Top)

DUT: POS Terminal M/N:SPD1-01

Communication System: UID 0, IEEE 802.11a WiFi 5.5GHz (0); Communication System Band: IEEE 802.11a WiFi 5.5GHz; Frequency: 5600 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 5600 \text{ MHz}$; $\sigma = 5.68 \text{ S/m}$; $\epsilon_r = 46.7$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.37, 4.37, 4.37); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH120(5600MHz Top)/Area Scan (51x71x1): Interpolated grid:

$dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.618 W/kg

Configuration/CH120(5600MHz Top)/Zoom Scan (7x7x7)/Cube 0:

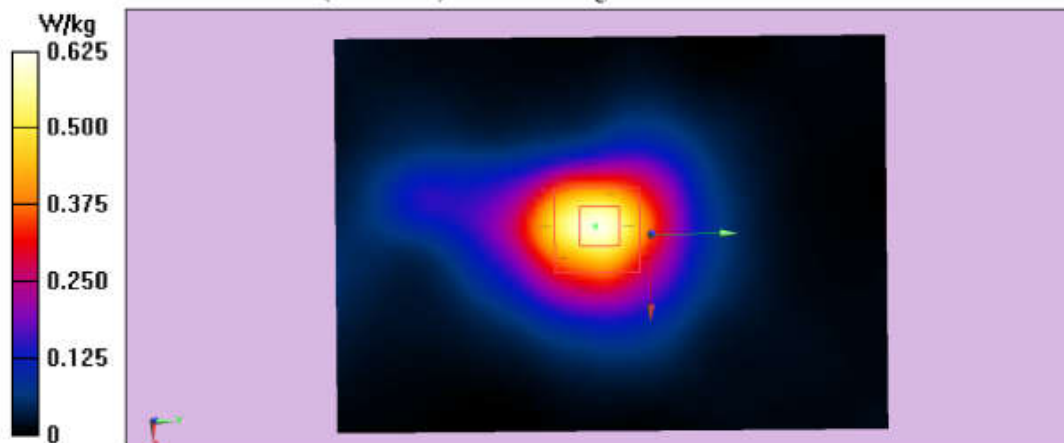
Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 9.182 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 4.00 W/kg

SAR(1 g) = 0.753 W/kg; SAR(10 g) = 0.291 W/kg

Maximum value of SAR (measured) = 0.625 W/kg



Test Laboratory: Audix SAR Lab

Date: 27/09/2018

11a CH140(5700MHz Right)

DUT: POS Terminal M/N:SPD1-01

Communication System: UID 0, IEEE 802.11a WiFi 5.5GHz (0); Communication System Band: IEEE 802.11a WiFi 5.5GHz; Frequency: 5700 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 5700 \text{ MHz}$; $\sigma = 6.07 \text{ S/m}$; $\epsilon_r = 46$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.42, 4.42, 4.42); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH140(5700MHz Right)/Area Scan (51x71x1): Interpolated grid:

$dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 1.85 W/kg

Configuration/CH140(5700MHz Right)/Zoom Scan (7x7x7)/Cube 0:

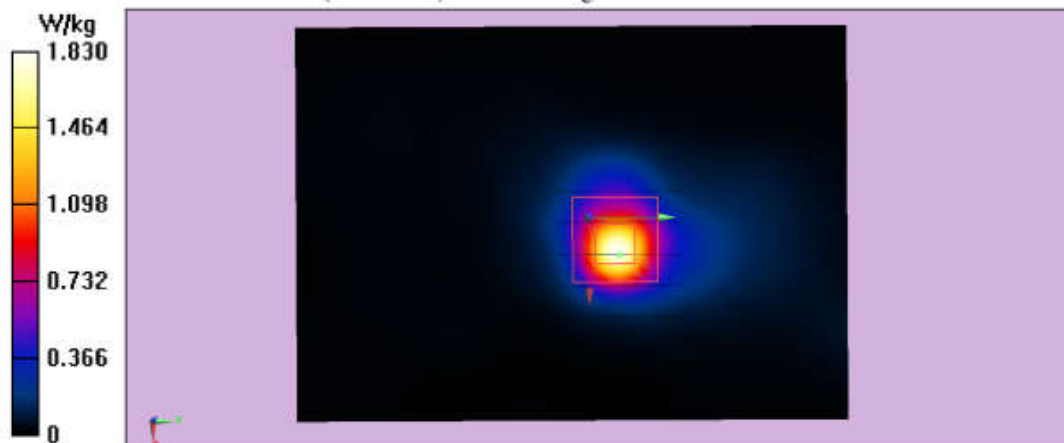
Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 13.56 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 4.48 W/kg

SAR(1 g) = 1.34 W/kg; SAR(10 g) = 0.464 W/kg

Maximum value of SAR (measured) = 1.83 W/kg



Test Laboratory: Audix SAR Lab

Date: 27/09/2018

11a CH149(5745MHz Back)

DUT: POS Terminal M/N:SPD1-01

Communication System: UID 0, IEEE 802.11a WiFi 5.8GHz (0); Communication System Band: IEEE 802.11a WiFi 5.8GHz ; Frequency: 5745 MHz;Communication System PAR: 0 dB

Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 6.07 \text{ S/m}$; $\epsilon_r = 46$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.42, 4.42, 4.42); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH149(5745MHz Back)/Area Scan (51x71x1): Interpolated grid:

$dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.672 W/kg

Configuration/CH149(5745MHz Back)/Zoom Scan (7x7x7)/Cube 0:

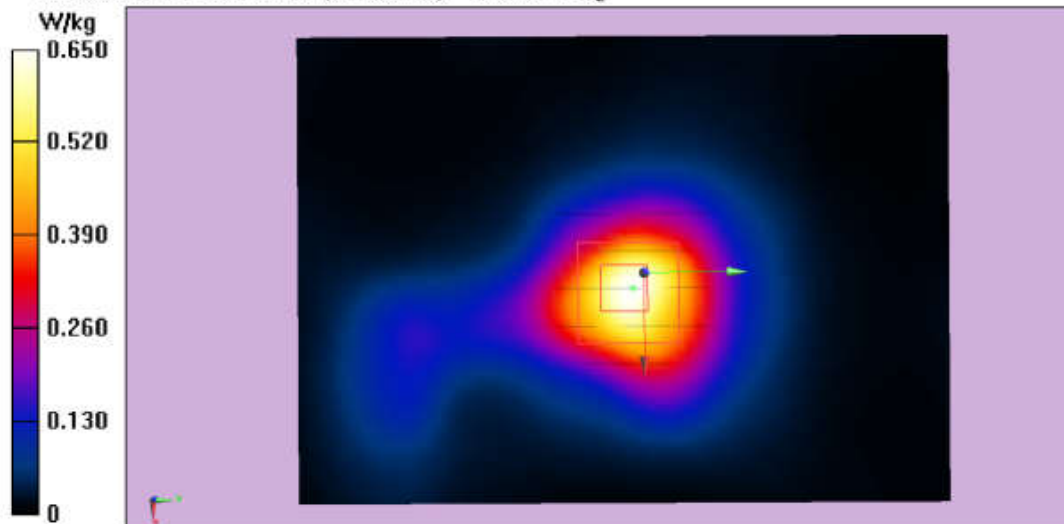
Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 9.760 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.72 W/kg

SAR(1 g) = 0.591 W/kg; SAR(10 g) = 0.238 W/kg

Maximum value of SAR (measured) = 0.650 W/kg



Test Laboratory: Audix SAR Lab

Date: 27/09/2018

11a CH149(5745MHz Left)

DUT: POS Terminal M/N:SPD1-01

Communication System: UID 0, IEEE 802.11a WiFi 5.8GHz (0); Communication System
Band: IEEE 802.11a WiFi 5.8GHz ; Frequency: 5745 MHz;Communication System PAR: 0
dB

Medium parameters used: $f = 5745$ MHz; $\sigma = 6.07$ S/m; $\epsilon_r = 46$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.42, 4.42, 4.42); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH149(5745MHz Right)/Area Scan (51x71x1): Interpolated grid:

dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.165 W/kg

Configuration/CH149(5745MHz Right)/Zoom Scan (7x7x7)/Cube 0:

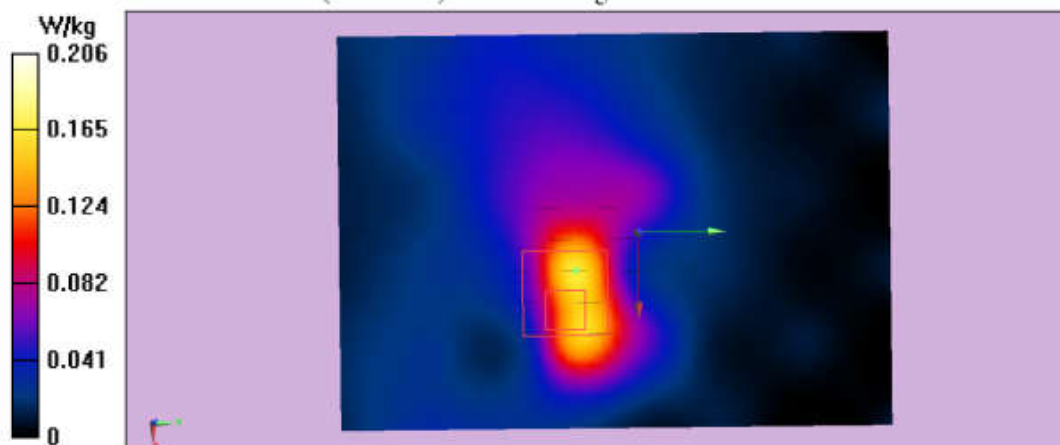
Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 2.829 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.47 W/kg

SAR(1 g) = 0.237 W/kg; SAR(10 g) = 0.077 W/kg

Maximum value of SAR (measured) = 0.206 W/kg



Test Laboratory: Audix SAR Lab

Date: 27/09/2018

11a CH149(5745MHz Right)

DUT: POS Terminal M/N:SPD1-01

Communication System: UID 0, IEEE 802.11a WiFi 5.8GHz (0); Communication System
Band: IEEE 802.11a WiFi 5.8GHz ; Frequency: 5745 MHz;Communication System PAR: 0
dB

Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 6.07 \text{ S/m}$; $\epsilon_r = 46$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.42, 4.42, 4.42); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH149(5745MHz Right)/Area Scan (51x71x1): Interpolated grid:

$dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 1.76 W/kg

Configuration/CH149(5745MHz Right)/Zoom Scan (7x7x7)/Cube 0:

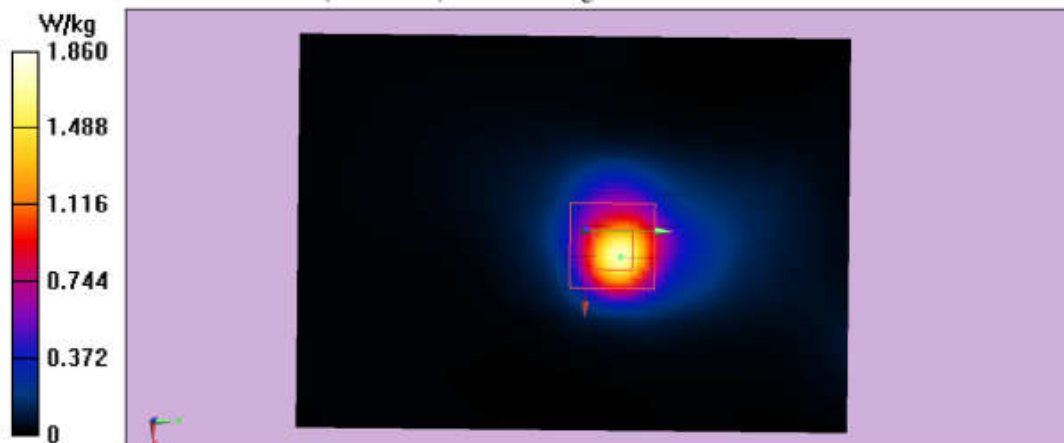
Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 15.09 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 4.53 W/kg

SAR(1 g) = 1.38 W/kg; SAR(10 g) = 0.472 W/kg

Maximum value of SAR (measured) = 1.86 W/kg



Test Laboratory: Audix SAR Lab

Date: 27/09/2018

11a CH149(5745MHz Top)

DUT: POS Terminal M/N:SPD1-01

Communication System: UID 0, IEEE 802.11a WiFi 5.8GHz (0); Communication System Band: IEEE 802.11a WiFi 5.8GHz ; Frequency: 5745 MHz;Communication System PAR: 0 dB

Medium parameters used: $f = 5745 \text{ MHz}$; $\sigma = 6.07 \text{ S/m}$; $\epsilon_r = 46$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.42, 4.42, 4.42); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH149(5745MHz Top)/Area Scan (51x71x1): Interpolated grid:

$dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 0.470 W/kg

Configuration/CH149(5745MHz Top)/Zoom Scan (7x7x7)/Cube 0:

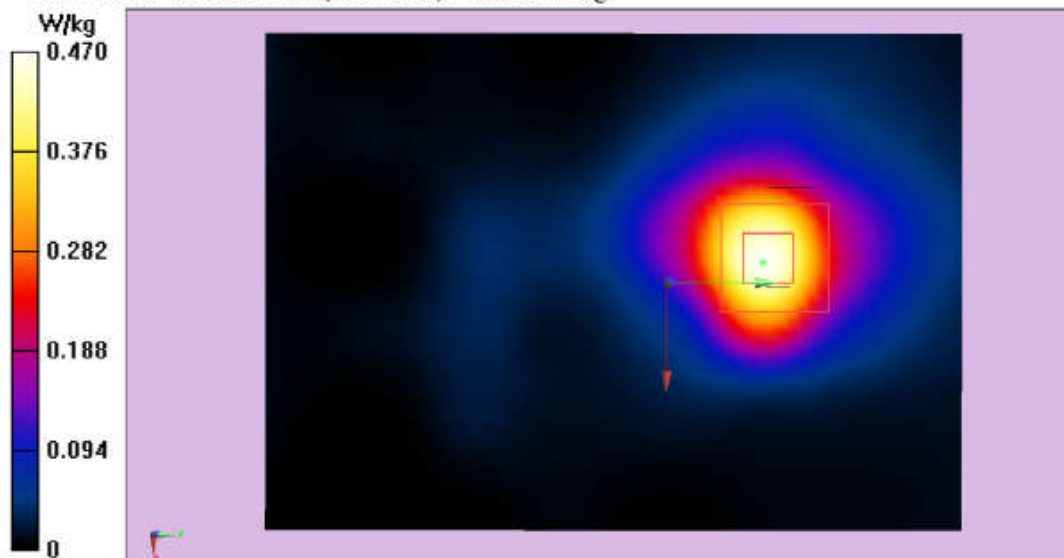
Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 2.830 V/m; Power Drift = 0.20 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.437 W/kg; SAR(10 g) = 0.164 W/kg

Maximum value of SAR (measured) = 0.481 W/kg



Test Laboratory: Audix SAR Lab

Date: 27/09/2018

11a CH157(5785MHz Right)

DUT: POS Terminal M/N:SPD1-01

Communication System: UID 0, IEEE 802.11a WiFi 5.8GHz (0); Communication System
Band: IEEE 802.11a WiFi 5.8GHz ; Frequency: 5785 MHz;Communication System PAR: 0
dB

Medium parameters used: $f = 5785\text{MHz}$; $\sigma = 6.07\text{ S/m}$; $\epsilon_r = 46$; $\rho = 1000\text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.42, 4.42, 4.42); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH157(5785MHz Right)/Area Scan (51x71x1): Interpolated grid:

$dx=1.000\text{ mm}$, $dy=1.000\text{ mm}$

Maximum value of SAR (interpolated) = 1.83 W/kg

Configuration/CH157(5785MHz Right)/Zoom Scan (7x7x7)/Cube 0:

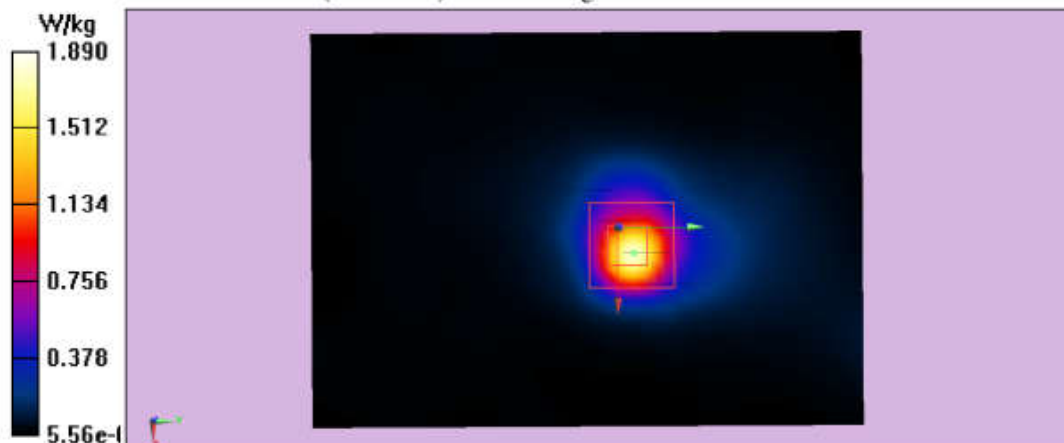
Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 14.35 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 4.51 W/kg

SAR(1 g) = 1.32 W/kg; SAR(10 g) = 0.468 W/kg

Maximum value of SAR (measured) = 1.89 W/kg



Test Laboratory: Audix SAR Lab

Date: 27/09/2018

11a CH165(5825MHz Right)

DUT: POS Terminal M/N:SPD1-01

Communication System: UID 0, IEEE 802.11a WiFi 5.8GHz (0); Communication System
Band: IEEE 802.11a WiFi 5.8GHz ; Frequency: 5825 MHz; Communication System PAR: 0
dB

Medium parameters used: $f = 5825 \text{ MHz}$; $\sigma = 6.07 \text{ S/m}$; $\epsilon_r = 46$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.42, 4.42, 4.42); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH165(5825MHz Right)/Area Scan (51x71x1): Interpolated grid:

$dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 1.90 W/kg

Configuration/CH165(5825MHz Right)/Zoom Scan (7x7x7)/Cube 0:

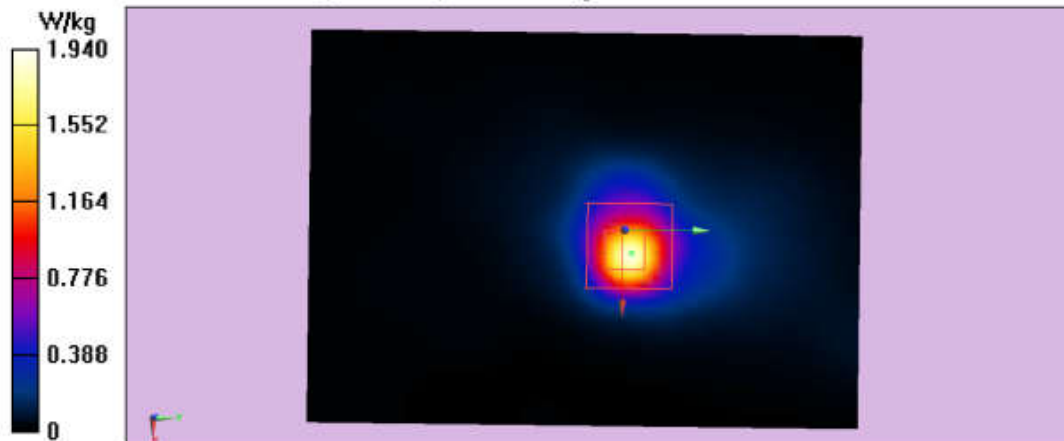
Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 14.17 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 4.64 W/kg

SAR(1 g) = 1.5 W/kg; SAR(10 g) = 0.481 W/kg

Maximum value of SAR (measured) = 1.94 W/kg



Test Laboratory: Audix SAR Lab

Date: 18/10/2018

11a CH36(5180MHz Right)

DUT: POS Terminal M/N:SPD1-01

Communication System: UID 0, IEEE 802.11a WiFi 5.2GHz (0); Communication System

Band: IEEE 802.11a WiFi 5.2GHz; Frequency: 5180 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 5180$ MHz; $\sigma = 5.3$ S/m; $\epsilon_r = 47.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(5.26, 5.26, 5.26); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH36(5180MHz Right)/Area Scan (51x71x1): Interpolated grid:

$dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.846 W/kg

Configuration/CH36(5180MHz Right)/Zoom Scan (7x7x7)/Cube 0:

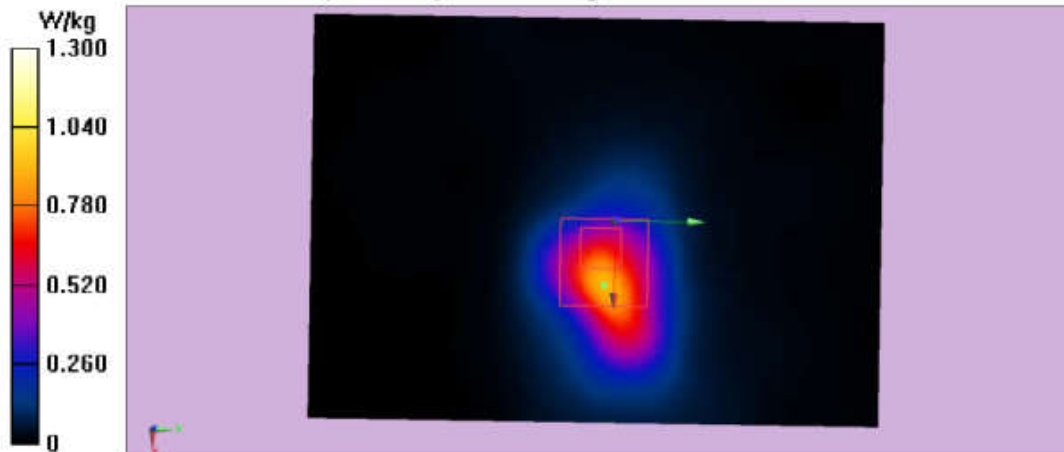
Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 11.21 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 2.65 W/kg

SAR(1 g) = 0.885 W/kg; SAR(10 g) = 0.287 W/kg

Maximum value of SAR (measured) = 1.301 W/kg



Test Laboratory: Audix SAR Lab

Date: 18/10/2018

11a CH40(5200MHz Right)

DUT: POS Terminal M/N:SPD1-01

Communication System: UID 0, IEEE 802.11a WiFi 5.2GHz (0); Communication System

Band: IEEE 802.11a WiFi 5.2GHz; Frequency: 5200 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 5200$ MHz; $\sigma = 5.3$ S/m; $\epsilon_r = 47.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(5.26, 5.26, 5.26); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH40(5200MHz Right)/Area Scan (51x71x1): Interpolated grid:

$dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 1.12 W/kg

Configuration/CH40(5200MHz Right)/Zoom Scan (7x7x7)/Cube 0:

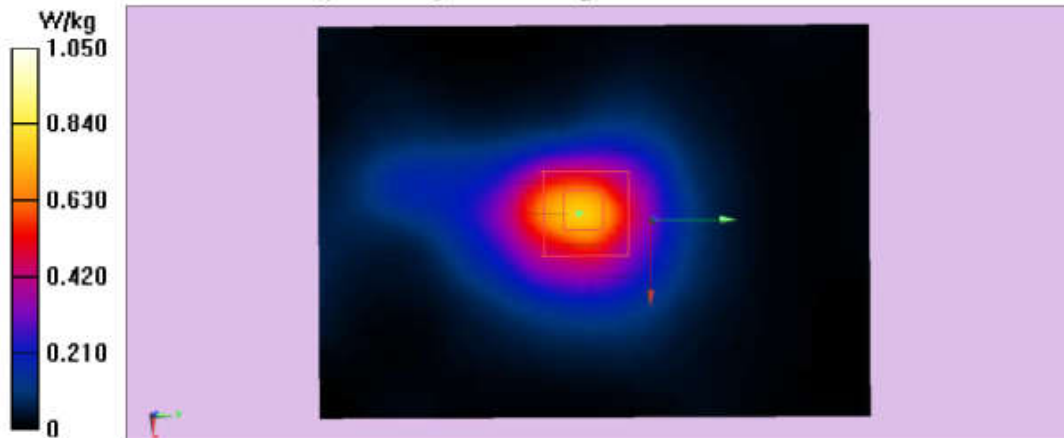
Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 5.261 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.25 W/kg

SAR(1 g) = 0.863 W/kg; SAR(10 g) = 0.254 W/kg

Maximum value of SAR (measured) = 1.05 W/kg



Test Laboratory: Audix SAR Lab

Date: 18/10/2018

11a CH48(5240MHz Right)

DUT: POS Terminal M/N:SPD1-01

Communication System: UID 0, IEEE 802.11a WiFi 5.2GHz (0); Communication System

Band: IEEE 802.11a WiFi 5.2GHz; Frequency: 5240 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 5240$ MHz; $\sigma = 5.3$ S/m; $\epsilon_r = 47.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(5.26, 5.26, 5.26); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH48(5240MHz Right)/Area Scan (51x71x1): Interpolated grid:

$dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.867 W/kg

Configuration/CH48(5240MHz Right)/Zoom Scan (7x7x7)/Cube 0:

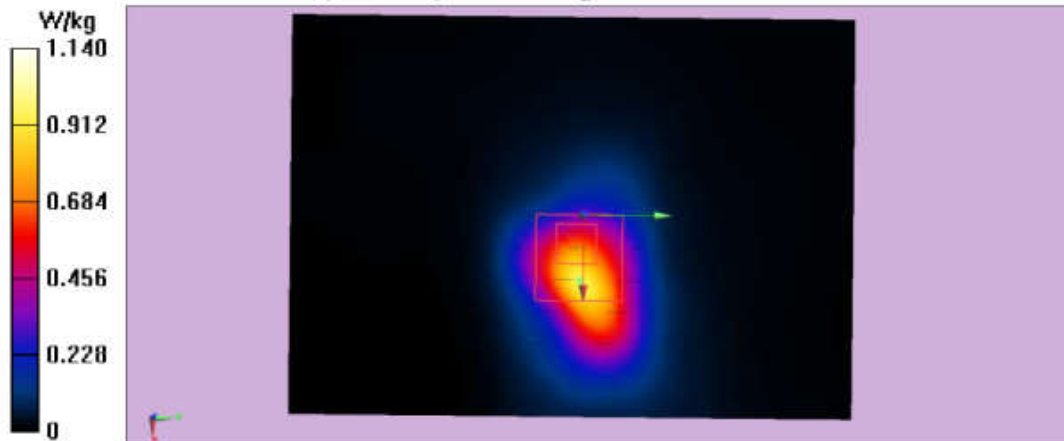
Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 8.67 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.874 W/kg; SAR(10 g) = 0.279 W/kg

Maximum value of SAR (measured) = 1.14 W/kg



Test Laboratory: Audix SAR Lab

Date: 18/10/2018

11a CH52(5260MHz Right)

DUT: POS Terminal M/N:SPD1-01

Communication System: UID 0, IEEE 802.11ac20 WiFi 5.3GHz (0); Communication System Band: IEEE 802.11ac20 WiFi 5.3GHz; Frequency: 5260 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 5260$ MHz; $\sigma = 5.3$ S/m; $\epsilon_r = 47.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.98, 4.98, 4.98); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH52(5260MHz Right)/Area Scan (51x71x1): Interpolated grid:

$dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 1.76 W/kg

Configuration/CH52(5260MHz Right)/Zoom Scan (7x7x7)/Cube 0:

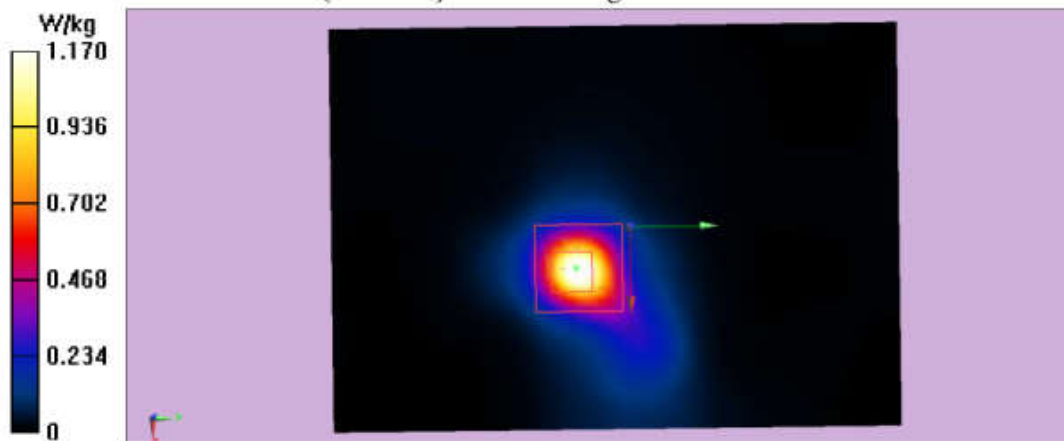
Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 5.347 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.85 W/kg

SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.315 W/kg

Maximum value of SAR (measured) = 1.1704 W/kg



Test Laboratory: Audix SAR Lab

Date: 18/10/2018

11a CH60(5300MHz Right)

DUT: POS Terminal M/N:SPD1-01

Communication System: UID 0, IEEE 802.11a WiFi 5.3GHz (0); Communication System

Band: IEEE 802.11a WiFi 5.3GHz ; Frequency: 5300 MHz;Communication System PAR: 0 dB

Medium parameters used: $f = 5300 \text{ MHz}$; $\sigma = 5.3 \text{ S/m}$; $\epsilon_r = 47.4$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.98, 4.98, 4.98); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH60(5300MHz Right)/Area Scan (51x71x1): Interpolated grid:

$dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 1.85 W/kg

Configuration/CH60(5300MHz Right)/Zoom Scan (7x7x7)/Cube 0:

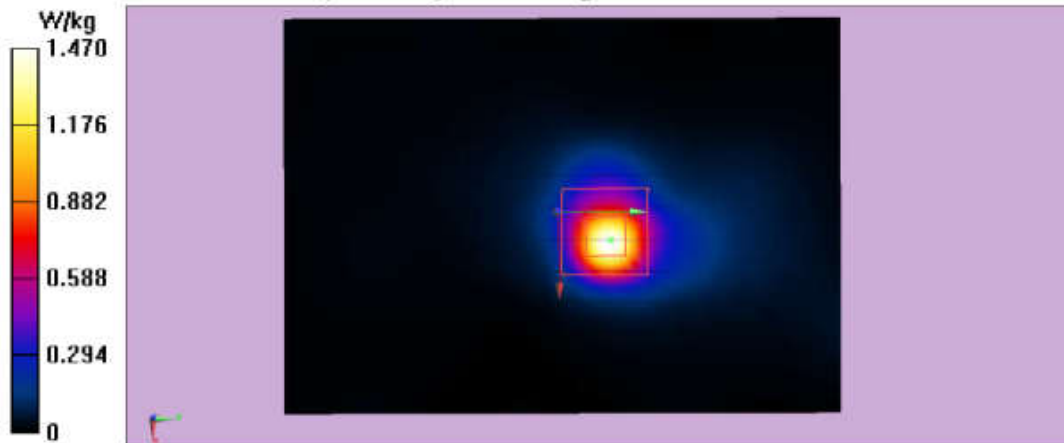
Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 12.54 V/m; Power Drift = -0.12dB

Peak SAR (extrapolated) = 2.87 W/kg

SAR(1 g) = 1.25 W/kg; SAR(10 g) = 0.365W/kg

Maximum value of SAR (measured) = 1.47 W/kg



Test Laboratory: Audix SAR Lab

Date: 18/10/2018

11a CH64(5320MHz Right)

DUT: POS Terminal M/N:SPD1-01

Communication System: UID 0, IEEE 802.11a WiFi 5.3GHz (0); Communication System

Band: IEEE 802.11a WiFi 5.3GHz ; Frequency: 5320 MHz;Communication System PAR: 0 dB

Medium parameters used: $f = 5320$ MHz; $\sigma = 5.3$ S/m; $\epsilon_r = 47.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.98, 4.98, 4.98); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH64(5320MHz Right)/Area Scan (51x71x1): Interpolated grid:

$dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 1.89W/kg

Configuration/CH64(5320MHz Right)/Zoom Scan (7x7x7)/Cube 0:

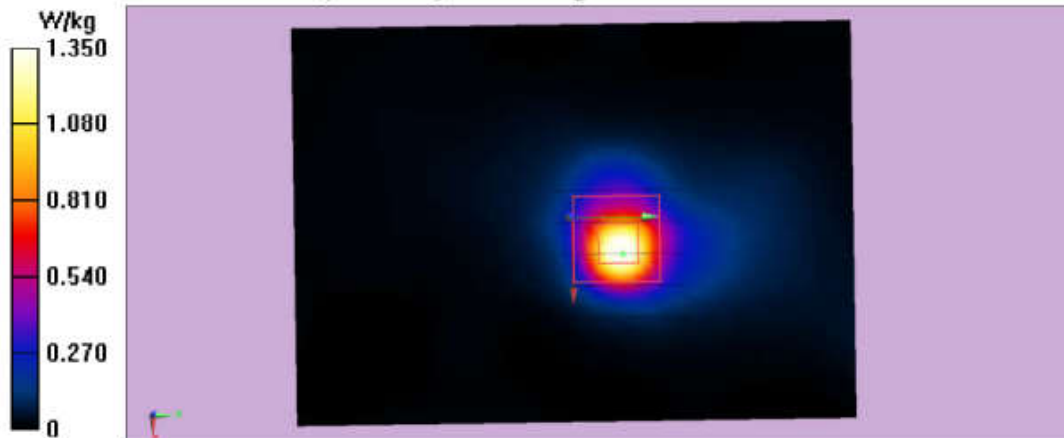
Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 11.49 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.97 W/kg

SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.358 W/kg

Maximum value of SAR (measured) = 1.35W/kg



Test Laboratory: Audix SAR Lab

Date: 19/10/2018

11a CH100(5500MHz Right)

DUT: POS Terminal M/N:SPD1-01

Communication System: UID 0, IEEE 802.11a WiFi 5.5GHz (0); Communication System

Band: IEEE 802.11a WiFi 5.5GHz; Frequency: 5500 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 5500$ MHz; $\sigma = 5.68$ S/m; $\epsilon_r = 46.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.46, 4.46, 4.46); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH100(5500MHz Right)/Area Scan (51x71x1): Interpolated grid:

$dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 1.74 W/kg

Configuration/CH100(5500MHz Right)/Zoom Scan (7x7x7)/Cube 0:

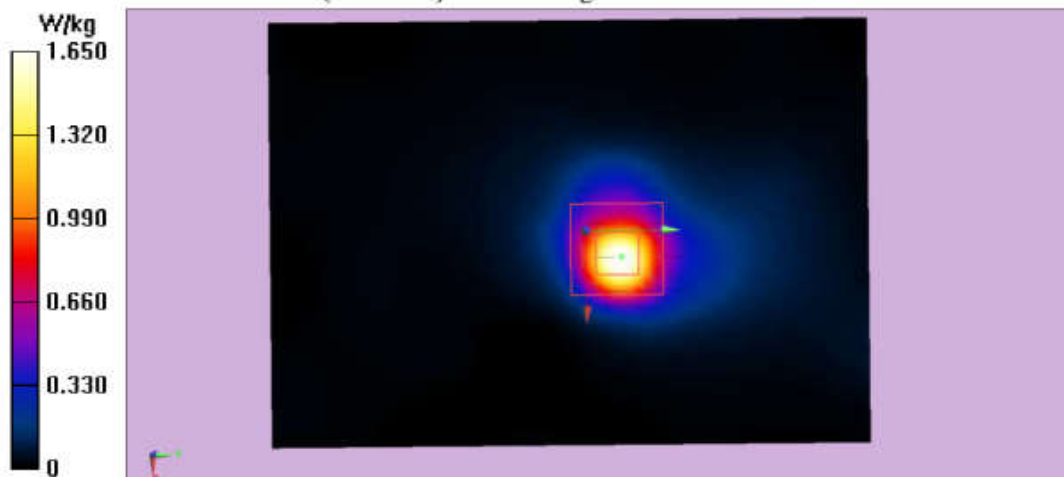
Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 11.39 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 2.59 W/kg

SAR(1 g) = 1.29 W/kg; SAR(10 g) = 0.412 W/kg

Maximum value of SAR (measured) = 1.65 W/kg



Test Laboratory: Audix SAR Lab

Date: 19/10/2018

11a CH120(5600MHz Right)

DUT: POS Terminal M/N:SPD1-01

Communication System: UID 0, IEEE 802.11a WiFi 5.5GHz (0); Communication System

Band: IEEE 802.11a WiFi 5.5GHz; Frequency: 5600 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.68$ S/m; $\epsilon_r = 46.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.37, 4.37, 4.37); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH120(5600MHz Right)/Area Scan (51x71x1): Interpolated grid:

$dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 1.76 W/kg

Configuration/CH120(5600MHz Right)/Zoom Scan (7x7x7)/Cube 0:

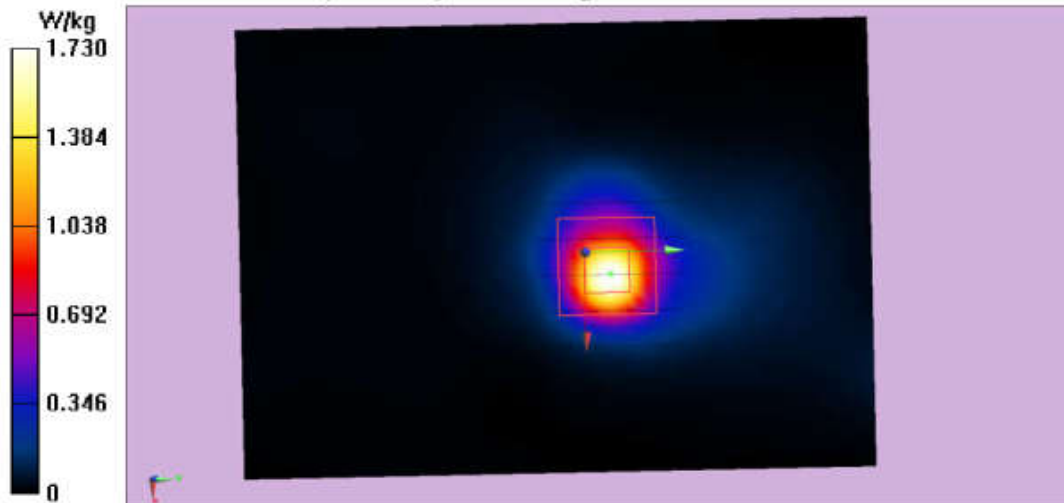
Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 13.64 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 2.67 W/kg

SAR(1 g) = 1.40 W/kg; SAR(10 g) = 0.449 W/kg

Maximum value of SAR (measured) = 1.73 W/kg



Test Laboratory: Audix SAR Lab

Date: 19/10/2018

11a CH120(5600MHz Right)

DUT: POS Terminal M/N:SPD1-01

Communication System: UID 0, IEEE 802.11a WiFi 5.5GHz (0); Communication System

Band: IEEE 802.11a WiFi 5.5GHz; Frequency: 5600 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 5500$ MHz; $\sigma = 5.68$ S/m; $\epsilon_r = 46.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.37, 4.37, 4.37); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH120(5600MHz Right)/Area Scan (51x71x1): Interpolated grid:

$dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 1.67 W/kg

Configuration/CH120(5600MHz Right)/Zoom Scan (7x7x7)/Cube 0:

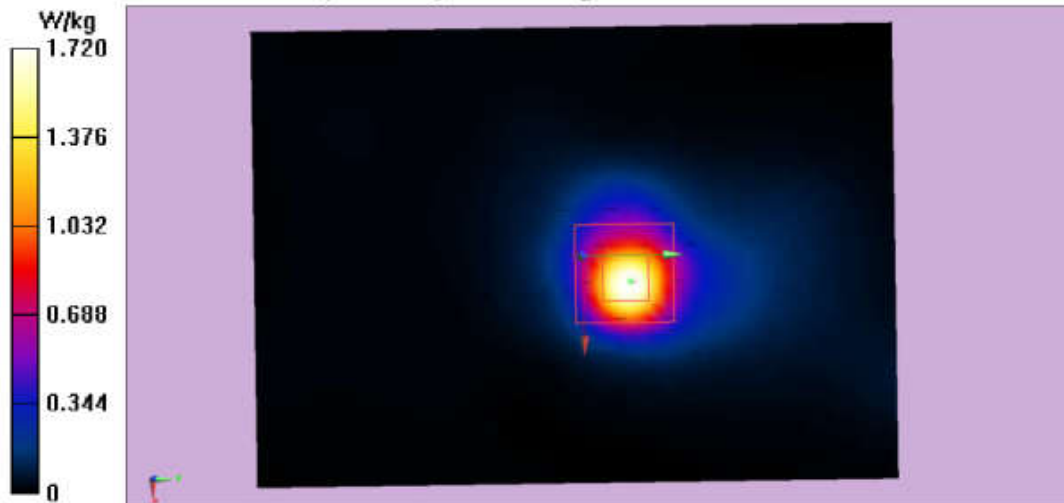
Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 13.57 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 2.69 W/kg

SAR(1 g) = 1.39 W/kg; SAR(10 g) = 0.447 W/kg

Maximum value of SAR (measured) = 1.72 W/kg



Test Laboratory: Audix SAR Lab

Date: 19/10/2018

11a CH120(5600MHz Top)

DUT: POS Terminal M/N:SPD1-01

Communication System: UID 0, IEEE 802.11a WiFi 5.5GHz (0); Communication System Band: IEEE 802.11a WiFi 5.5GHz; Frequency: 5600 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 5500$ MHz; $\sigma = 5.68$ S/m; $\epsilon_r = 46.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.37, 4.37, 4.37); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH120(5600MHz Top)/Area Scan (51x71x1): Interpolated grid:

$dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 0.578 W/kg

Configuration/CH120(5600MHz Top)/Zoom Scan (7x7x7)/Cube 0:

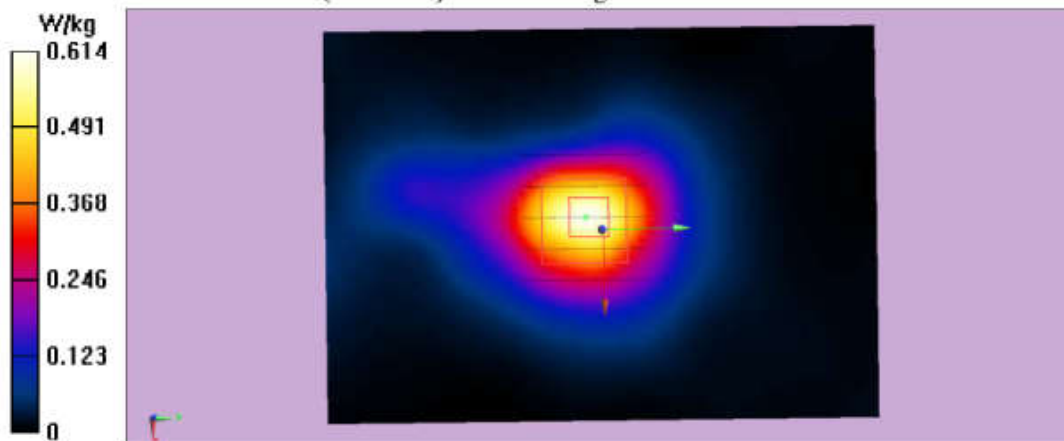
Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 9.011 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.03 W/kg

SAR(1 g) = 0.752 W/kg; SAR(10 g) = 0.287 W/kg

Maximum value of SAR (measured) = 0.614 W/kg



Test Laboratory: Audix SAR Lab

Date: 19/10/2018

CH120(5600MHz Right)

DUT: POS Terminal M/N:SPD1-01

Communication System: UID 0, IEEE 802.11a WiFi 5.5GHz (0); Communication System

Band: IEEE 802.11a WiFi 5.5GHz; Frequency: 5600 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 5600$ MHz; $\sigma = 5.558$ S/m; $\epsilon_r = 47.679$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.37, 4.37, 4.37); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH120(5600MHz Bottom)/Area Scan (61x81x1): Interpolated

grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.41 W/kg

Configuration/CH120(5600MHz Bottom)/Zoom Scan (7x7x7)/Cube 0:

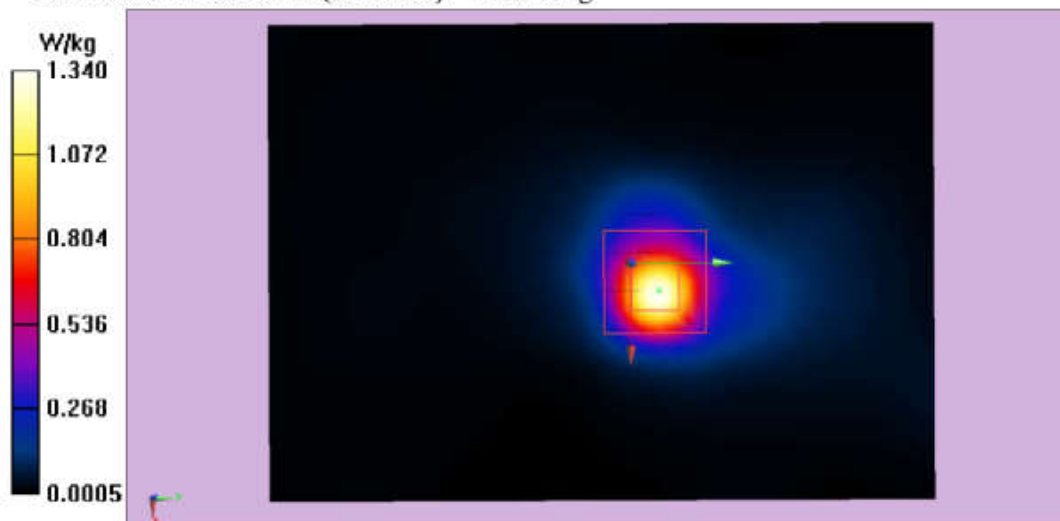
Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 14.87 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 3.65 W/kg

SAR(1 g) = 1.39 W/kg; SAR(10 g) = 0.448 W/kg

Maximum value of SAR (measured) = 1.34 W/kg



Test Laboratory: Audix SAR Lab

Date: 19/10/2018

CH140(5700MHz Right)

DUT: POS Terminal M/N:SPD1-01

Communication System: UID 0, IEEE 802.11a WiFi 5.5GHz (0); Communication System

Band: IEEE 802.11a WiFi 5.5GHz; Frequency: 5700 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 5700$ MHz; $\sigma = 5.598$ S/m; $\epsilon_r = 48.508$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.37, 4.37, 4.37); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH140(5700MHz Right)/Area Scan (61x81x1): Interpolated grid:

$dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 1.26 W/kg

Configuration/CH140(5700MHz Right)/Zoom Scan (7x7x7)/Cube 0:

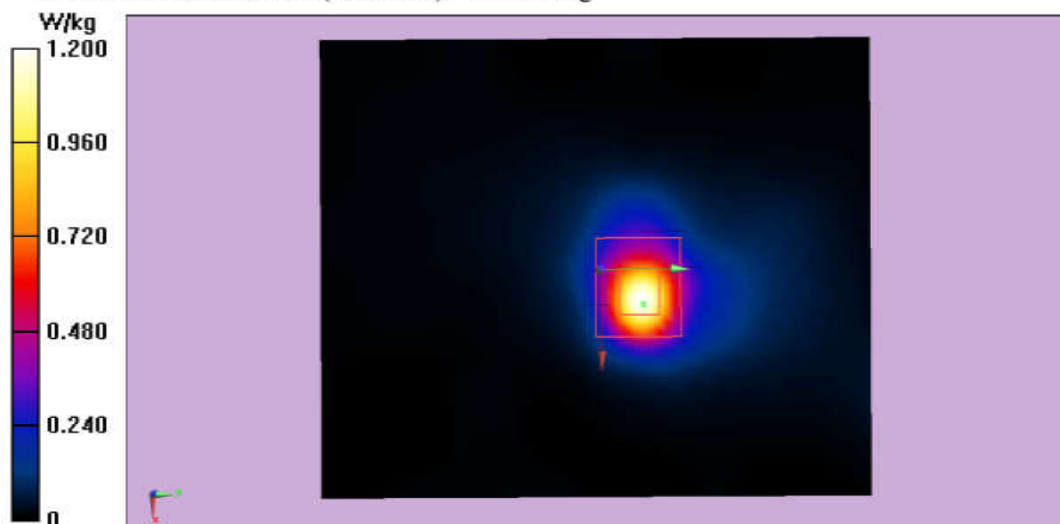
Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 14.09 V/m; Power Drift = -0.23 dB

Peak SAR (extrapolated) = 3.27 W/kg

SAR(1 g) = 1.26W/kg; SAR(10 g) = 0.428W/kg

Maximum value of SAR (measured) = 1.20 W/kg



Test Laboratory: Audix SAR Lab

Date: 19/10/2018

11a CH165(5825MHz Right)

DUT: POS Terminal M/N:SPD1-01

Communication System: UID 0, IEEE 802.11a WiFi 5.8GHz (0); Communication System

Band: IEEE 802.11a WiFi 5.8GHz; Frequency: 5825 MHz; Communication System PAR: 0 dB

Medium parameters used: $f = 5825$ MHz; $\sigma = 4.687$ S/m; $\epsilon_r = 45.54$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.42, 4.42, 4.42); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH165(5825MHz Right)/Area Scan (51x71x1): Interpolated grid:

$dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 1.32 W/kg

Configuration/CH165(5825MHz Right)/Zoom Scan (7x7x7)/Cube 0:

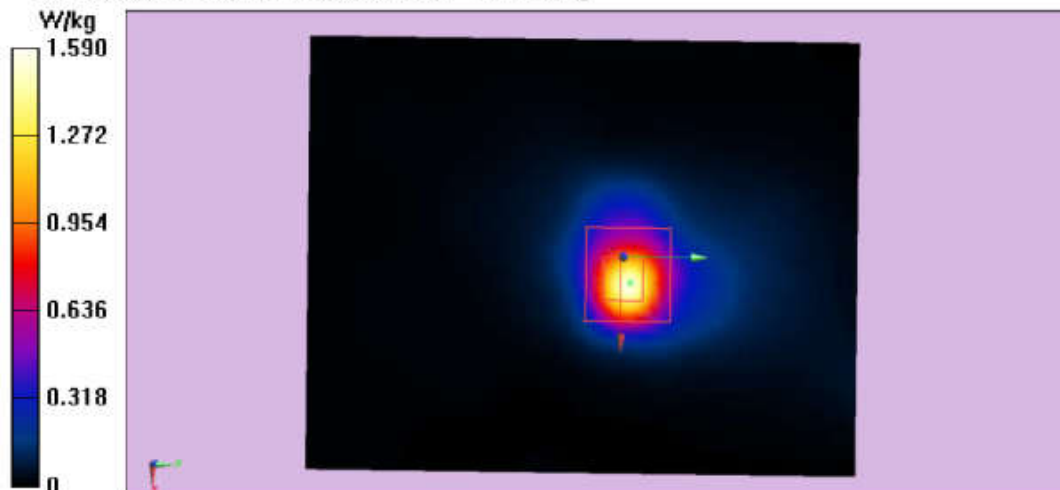
Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 14.34 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 3.58 W/kg

SAR(1 g) = 1.45W/kg; SAR(10 g) = 0.452W/kg

Maximum value of SAR (measured) = 1.59 W/kg



Test Laboratory: Audix SAR Lab

Date: 19/10/2018

11a CH149(5745MHz Right)

DUT: POS Terminal M/N:SPD1-01

Communication System: UID 0, IEEE 802.11a WiFi 5.8GHz (0); Communication System

Band: IEEE 802.11a WiFi 5.8GHz ; Frequency: 5745 MHz;Communication System PAR: 0 dB

Medium parameters used: $f = 5745$ MHz; $\sigma = 6.07$ S/m; $\epsilon_r = 46$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.42, 4.42, 4.42); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH149(5745MHz Right)/Area Scan (51x71x1): Interpolated grid:

$dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 2.07 W/kg

Configuration/CH149(5745MHz Right)/Zoom Scan (7x7x7)/Cube 0:

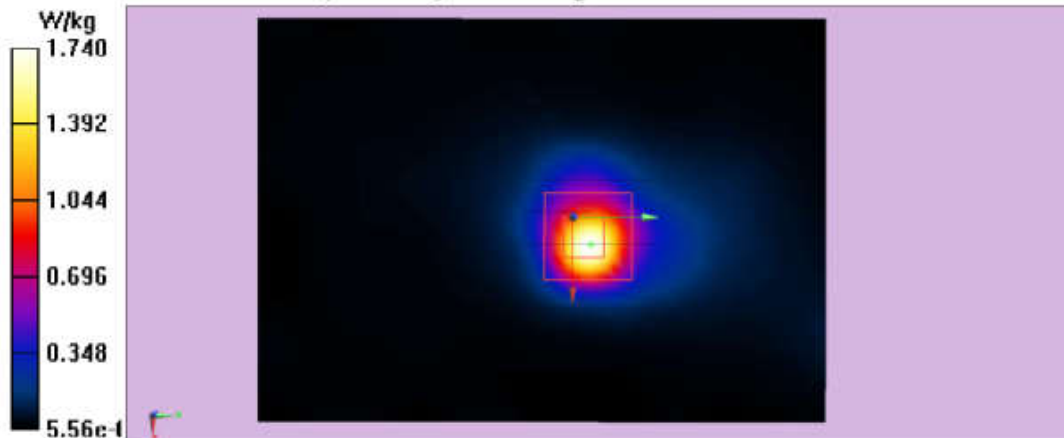
Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 13.36 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 2.84 W/kg

SAR(1 g) = 1.28 W/kg; SAR(10 g) = 0.463 W/kg

Maximum value of SAR (measured) = 1.74W/kg



Test Laboratory: Audix SAR Lab

Date: 19/10/2018

11a CH157(5785MHz Right)

DUT: POS Terminal M/N:SPD1-01

Communication System: UID 0, IEEE 802.11a WiFi 5.8GHz (0); Communication System

Band: IEEE 802.11a WiFi 5.8GHz ; Frequency: 5785 MHz;Communication System PAR: 0 dB

Medium parameters used: $f = 5785$ MHz; $\sigma = 6.07$ S/m; $\epsilon_r = 46$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.42, 4.42, 4.42); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH157(5785MHz Right)/Area Scan (51x71x1): Interpolated grid:

$dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 2.03 W/kg

Configuration/CH157(5785MHz Right)/Zoom Scan (7x7x7)/Cube 0:

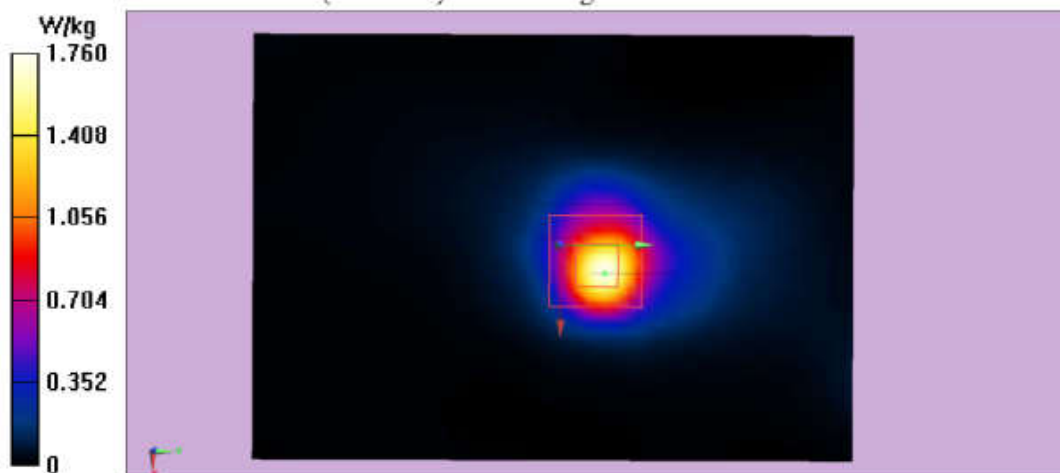
Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 14.39 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 2.87 W/kg

SAR(1 g) = 1.29 W/kg; SAR(10 g) = 0.457W/kg

Maximum value of SAR (measured) = 1.76 W/kg



Test Laboratory: Audix SAR Lab

Date: 19/10/2018

11a CH165(5825MHz Right)

DUT: POS Terminal M/N:SPD1-01

Communication System: UID 0, IEEE 802.11a WiFi 5.8GHz (0); Communication System

Band: IEEE 802.11a WiFi 5.8GHz ; Frequency: 5825 MHz;Communication System PAR: 0 dB

Medium parameters used: $f = 5825$ MHz; $\sigma = 6.07$ S/m; $\epsilon_r = 46$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.42, 4.42, 4.42); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH165(5825MHz Right)/Area Scan (51x71x1): Interpolated grid:

$dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 2.03 W/kg

Configuration/CH165(5825MHz Right)/Zoom Scan (7x7x7)/Cube 0:

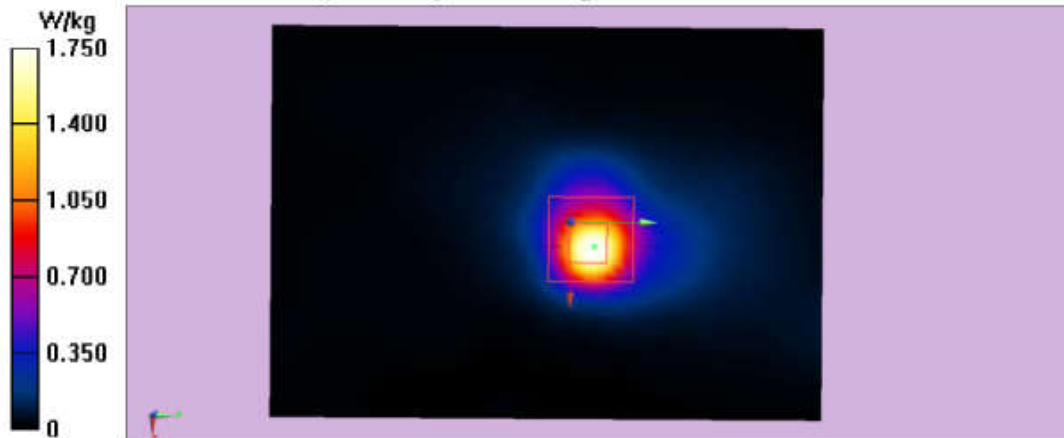
Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 13.25 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 2.89 W/kg

SAR(1 g) = 1.47 W/kg; SAR(10 g) = 0.449 W/kg

Maximum value of SAR (measured) = 1.75 W/kg



Test Laboratory: Audix SAR Lab

Date: 19/10/2018

11a CH165(5825MHz Right)

DUT: POS Terminal M/N:SPD1-01

Communication System: UID 0, IEEE 802.11a WiFi 5.8GHz (0); Communication System

Band: IEEE 802.11a WiFi 5.8GHz ; Frequency: 5825 MHz;Communication System PAR: 0 dB

Medium parameters used: $f = 5825$ MHz; $\sigma = 6.07$ S/m; $\epsilon_r = 46$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3767; ConvF(4.42, 4.42, 4.42); Calibrated: 07/03/2018;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 08/02/2018
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/CH165(5825MHz Right)/Area Scan (51x71x1): Interpolated grid:

$dx=1.000$ mm, $dy=1.000$ mm

Maximum value of SAR (interpolated) = 2.46 W/kg

Configuration/CH165(5825MHz Right)/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=2$ mm

Reference Value = 13.37 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.84 W/kg

SAR(1 g) = 1.44 W/kg; SAR(10 g) = 0.435 W/kg

Maximum value of SAR (measured) = 1.74 W/kg

