

Test Laboratory: Audix SAR Lab

Date: 03/12/2014

802.11a_CH48(5240MHz)-chain 2 Top

DUT: WiFi Advisor

M/N:WFED-300AC

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; $\sigma = 5.587$ S/m; $\epsilon_r = 48.442$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(5.94, 5.94, 5.94); Calibrated: 02/09/2014;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 07/02/2014
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/802.11a_CH48(5240MHz)-chain 2 Top/Area Scan (61x81x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.248W/kg

Configuration/802.11a_CH48(5240MHz)-chain 2 Top/Zoom Scan (5x5x7)/Cube 0:

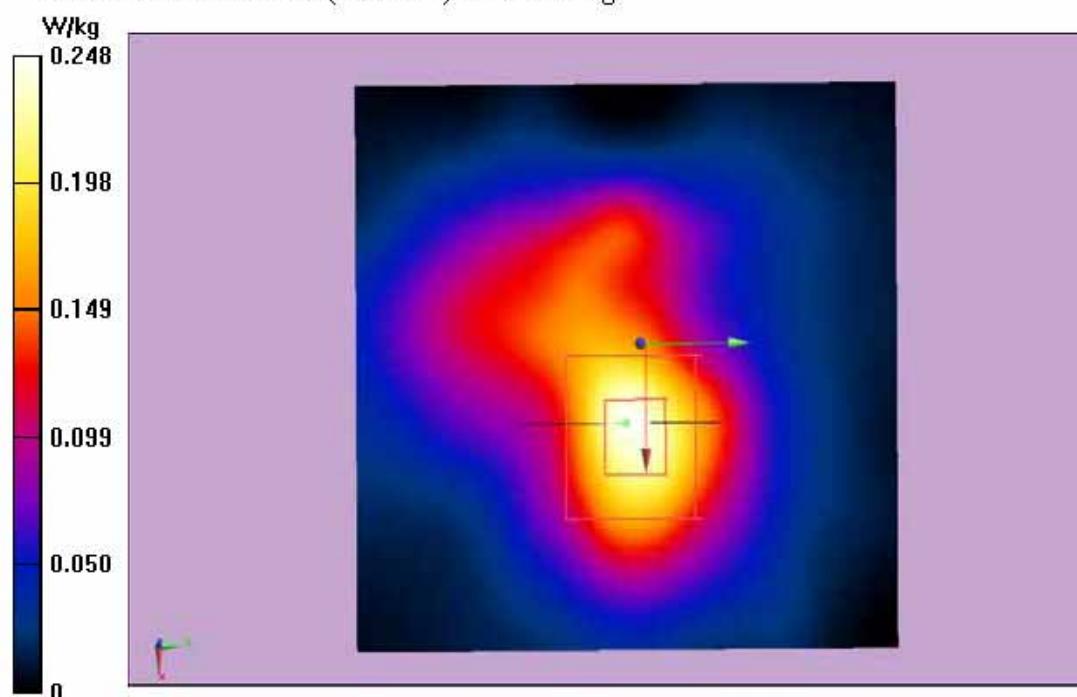
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.758 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.829 W/kg

SAR(1 g) = 0.416 W/kg; SAR(10 g) = 0.217 W/kg

Maximum value of SAR (measured) = 0.815 W/kg



Test Laboratory: Audix SAR Lab

Date: 08/12/2014

802.11a_CH149(5745MHz)-chain 2 Back

DUT: WiFi Advisor

M/N:WFED-300AC

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; $\sigma = 5.743$ S/m; $\epsilon_r = 48.93$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(5.2, 5.2, 5.2); Calibrated: 02/09/2014;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 07/02/2014
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/802.11a_CH149(5745MHz)-chain 2 Back/Area Scan (61x81x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.107 W/kg

Configuration/802.11a_CH149(5745MHz)-chain 2 Back/Zoom Scan (5x5x7)/Cube 0:

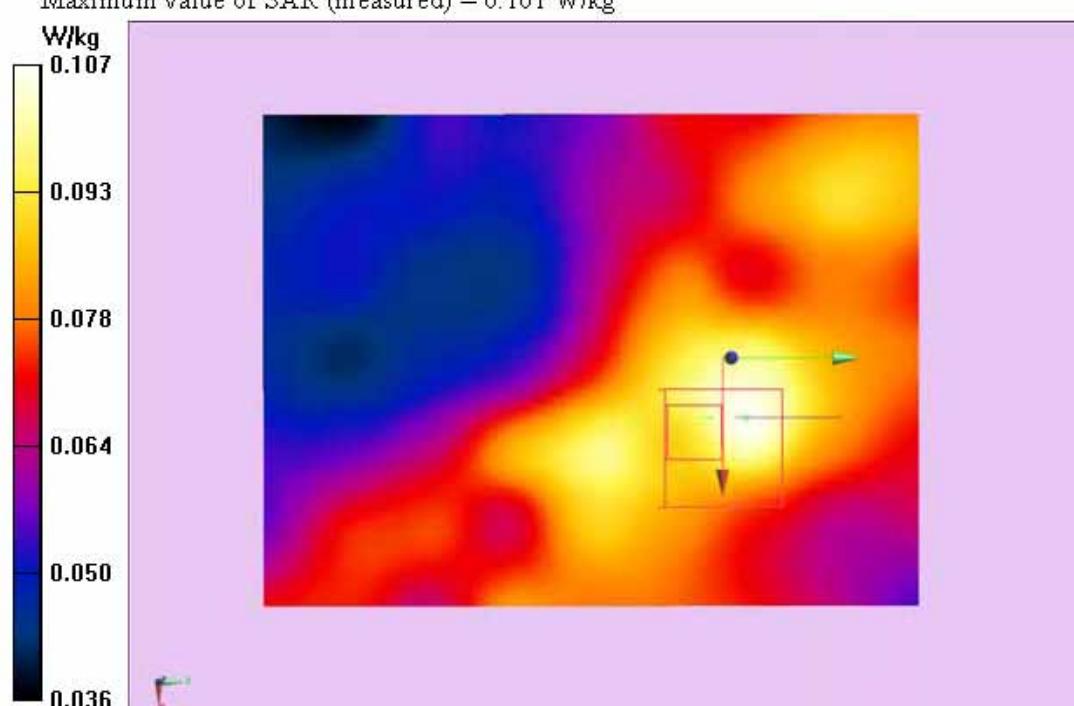
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.399 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.159 W/kg

SAR(1 g) = 0.092 W/kg; SAR(10 g) = 0.069 W/kg

Maximum value of SAR (measured) = 0.101 W/kg



Test Laboratory: Audix SAR Lab

Date: 08/12/2014

802.11a_CH149(5745MHz)-chain 2 Right

DUT: WiFi Advisor

M/N:WFED-300AC

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; $\sigma = 5.743$ S/m; $\epsilon_r = 48.93$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(5.2, 5.2, 5.2); Calibrated: 02/09/2014;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 07/02/2014
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/802.11a_CH149(5745MHz)-chain 2 Right/Area Scan

(51x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.620 W/kg

Configuration/802.11a_CH149(5745MHz)-chain 2 Right/Zoom Scan

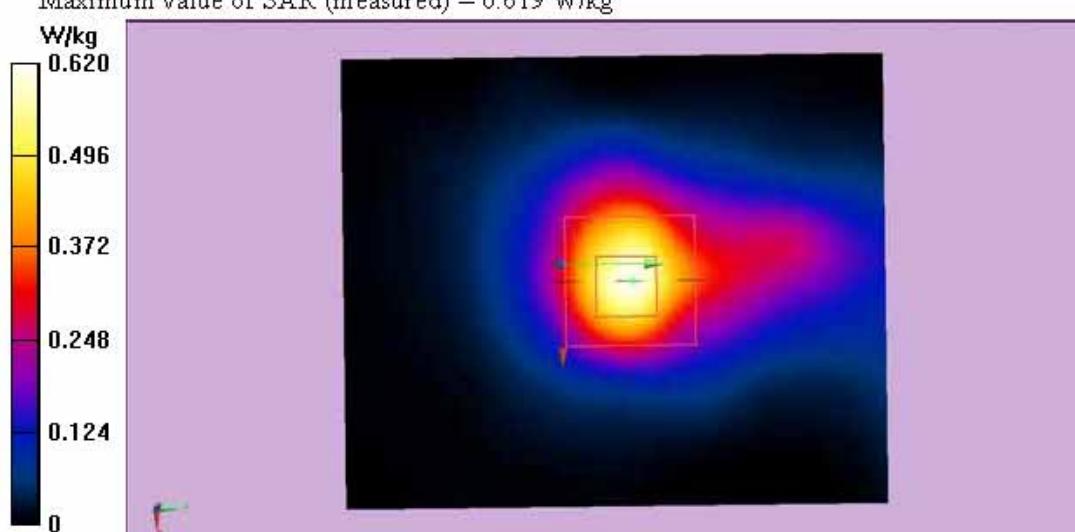
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.377 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 4.53 W/kg

SAR(1 g) = 0.749 W/kg; SAR(10 g) = 0.249 W/kg

Maximum value of SAR (measured) = 0.619 W/kg



Test Laboratory: Audix SAR Lab

Date: 08/12/2014

802.11a_CH149(5745MHz)-chain 2 Top

DUT: WiFi Advisor

M/N:WFED-300AC

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; $\sigma = 5.743$ S/m; $\epsilon_r = 48.93$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(5.2, 5.2, 5.2); Calibrated: 02/09/2014;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 07/02/2014
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/802.11a_CH149 (5745MHz)-chain 2 Top/Area Scan (51x61x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.264 W/kg

Configuration/802.11a_CH149(5745MHz)-chain 2 Top/Zoom Scan

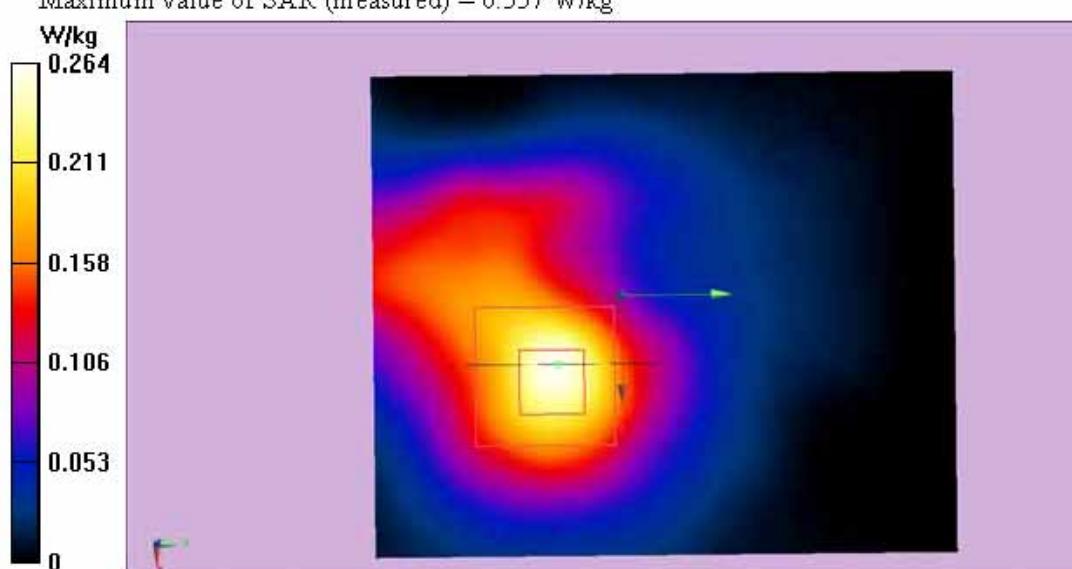
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.727 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.736 W/kg

SAR(1 g) = 0.244 W/kg; SAR(10 g) = 0.107 W/kg

Maximum value of SAR (measured) = 0.557 W/kg



Test Laboratory: Audix SAR Lab

Date: 08/12/2014

802.11a_CH161(5805MHz)-chain 2 Back

DUT: WiFi Advisor

M/N:WFED-300AC

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

Band: IEEE 802.11a WiFi 5.8GHz; Frequency: 5805 MHz; Communication System PAR: 0

dB; Medium parameters used: $f = 5805$ MHz; $\sigma = 6.042$ S/m; $\epsilon_r = 48.29$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.92, 4.92, 4.92); Calibrated: 02/09/2014;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 07/02/2014
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/802.11a_CH161(5805MHz)-chain 2 Back/Area Scan (61x81x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.103 W/kg

Configuration/802.11a_CH161(5805MHz)-chain 2 Back/Zoom Scan (5x5x7)/Cube 0:

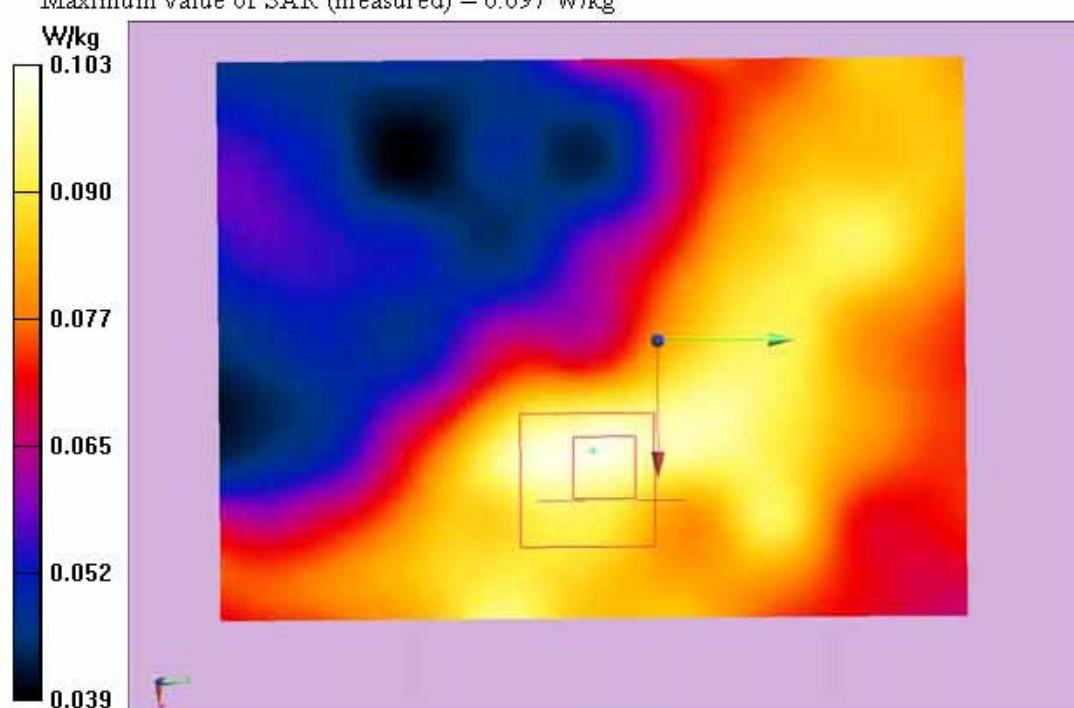
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.547 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.179 W/kg

SAR(1 g) = 0.098 W/kg; SAR(10 g) = 0.076 W/kg

Maximum value of SAR (measured) = 0.097 W/kg



Test Laboratory: Audix SAR Lab

Date: 08/12/2014

802.11a_CH161(5805MHz)-chain 2 Right

DUT: WiFi Advisor

M/N:WFED-300AC

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

Band: IEEE 802.11a WiFi 5.8GHz; Frequency: 5805 MHz; Communication System PAR: 0

dB; Medium parameters used: $f = 5805$ MHz; $\sigma = 6.042$ S/m; $\epsilon_r = 48.29$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.92, 4.92, 4.92); Calibrated: 02/09/2014;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 07/02/2014
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/802.11a_CH161(5805MHz)-chain 2 Right/Area Scan

(51x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.666 W/kg

Configuration/802.11a_CH161(5805MHz)-chain 2 Right/Zoom Scan

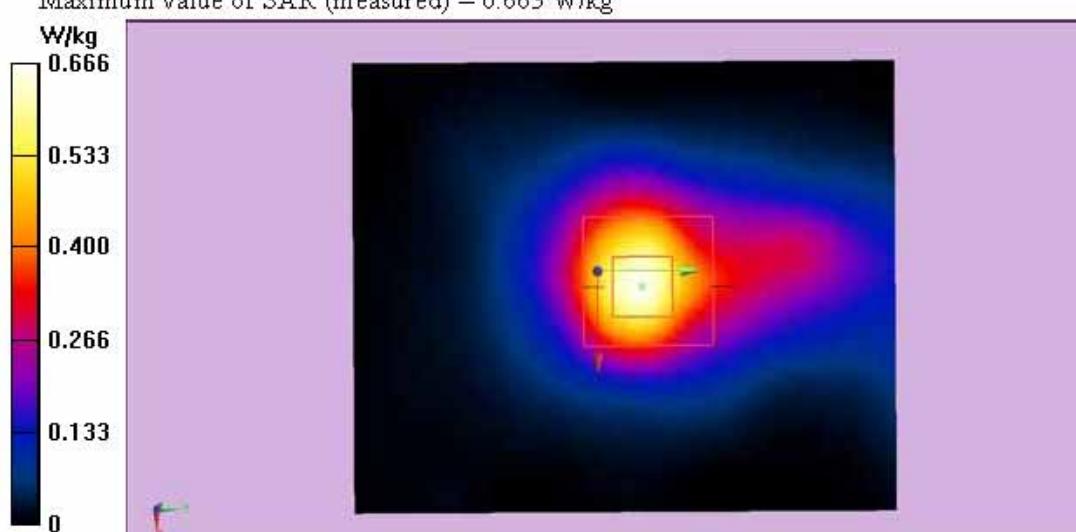
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.715 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 3.34 W/kg

SAR(1 g) = 0.715 W/kg; SAR(10 g) = 0.252 W/kg

Maximum value of SAR (measured) = 0.663 W/kg



Test Laboratory: Audix SAR Lab

Date: 08/12/2014

802.11a_CH161(5805MHz)-chain 2 Top

DUT: WiFi Advisor

M/N:WFED-300AC

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

Band: IEEE 802.11a WiFi 5.8GHz; Frequency: 5805 MHz; Communication System PAR: 0

dB; Medium parameters used: $f = 5805$ MHz; $\sigma = 6.042$ S/m; $\epsilon_r = 48.29$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.92, 4.92, 4.92); Calibrated: 02/09/2014;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 07/02/2014
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/802.11a_CH161(5805MHz)-chain 2 Top/Area Scan (51x61x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.302 W/kg

Configuration/802.11a_CH161(5805MHz)-chain 2 Top/Zoom Scan

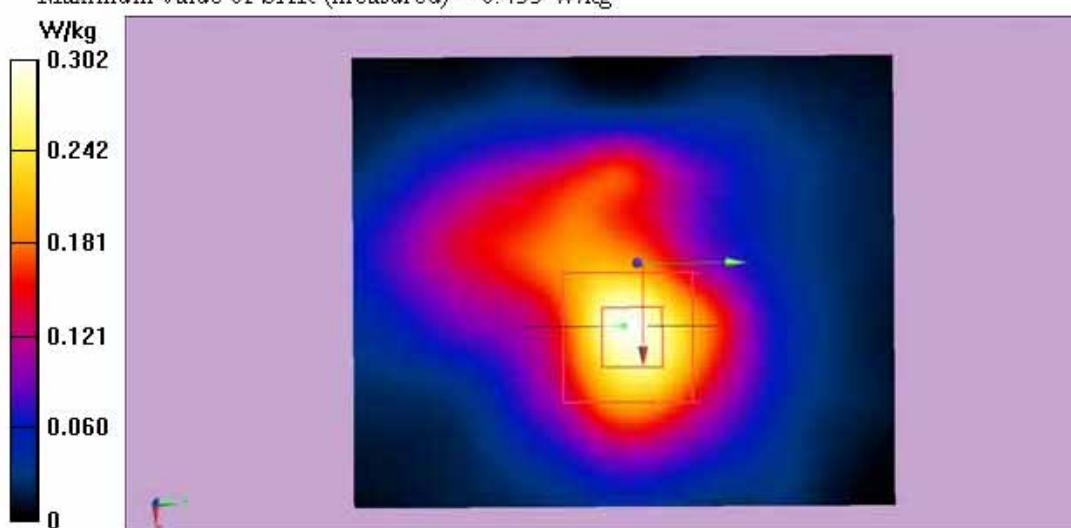
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.52 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.796 W/kg

SAR(1 g) = 0.283 W/kg; SAR(10 g) = 0.122 W/kg

Maximum value of SAR (measured) = 0.455 W/kg



Test Laboratory: Audix SAR Lab

Date: 03/12/2014

802.11a_CH36(5180MHz)-chain 3 Back

DUT: WiFi Advisor

M/N:WFED-300AC

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; $\sigma = 5.458$ S/m; $\epsilon_r = 48.679$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(5.94, 5.94, 5.94); Calibrated: 02/09/2014;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 07/02/2014
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/802.11a_CH36(5180MHz)-chain 3 Back/Area Scan (61x81x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0088W/kg

Configuration/802.11a_CH36(5180MHz)-chain 3 Back/Zoom Scan

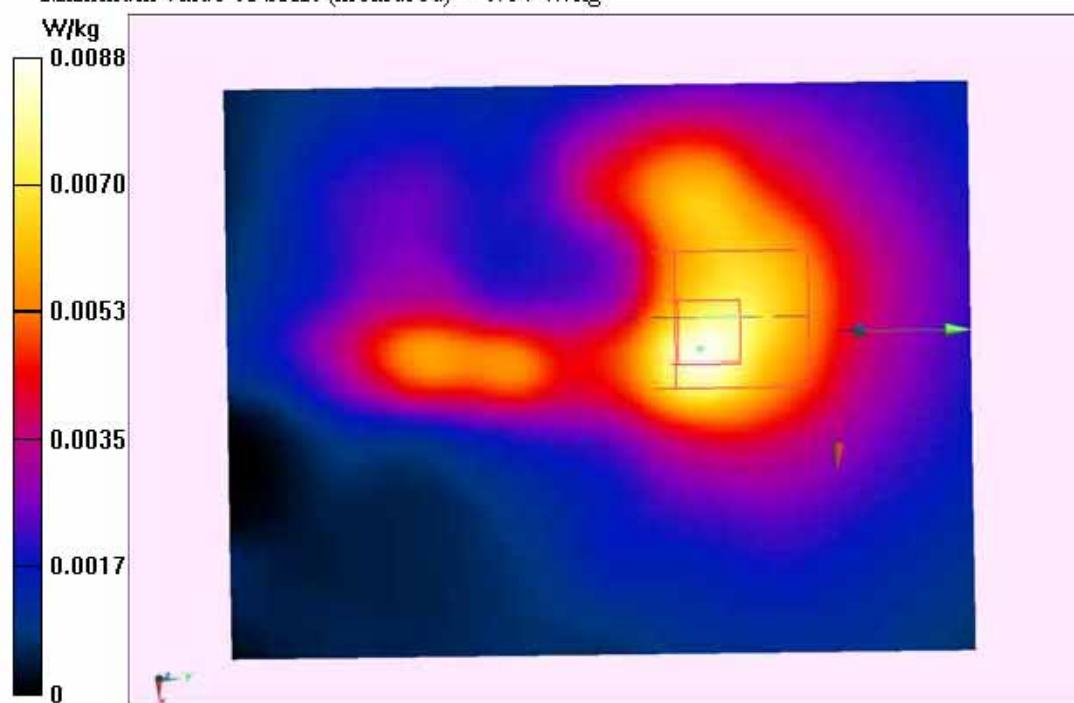
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.806 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.18 W/kg

SAR(1 g) = 0.0137 W/kg; SAR(10 g) = 0.011 W/kg

Maximum value of SAR (measured) = 0.14 W/kg



Test Laboratory: Audix SAR Lab

Date: 03/12/2014

802.11a_CH36(5180MHz)-chain 3 Top

DUT: WiFi Advisor

M/N:WFED-300AC

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: $f = 5180 \text{ MHz}$; $\sigma = 5.458 \text{ S/m}$; $\epsilon_r = 48.679$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(5.94, 5.94, 5.94); Calibrated: 02/09/2014;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 07/02/2014
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/802.11a_CH36(5180MHz)-chain 3 Top/Area Scan (61x81x1):

Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 1.15 W/kg

Configuration/802.11a_CH36(5180MHz)-chain 3 Top/Zoom Scan

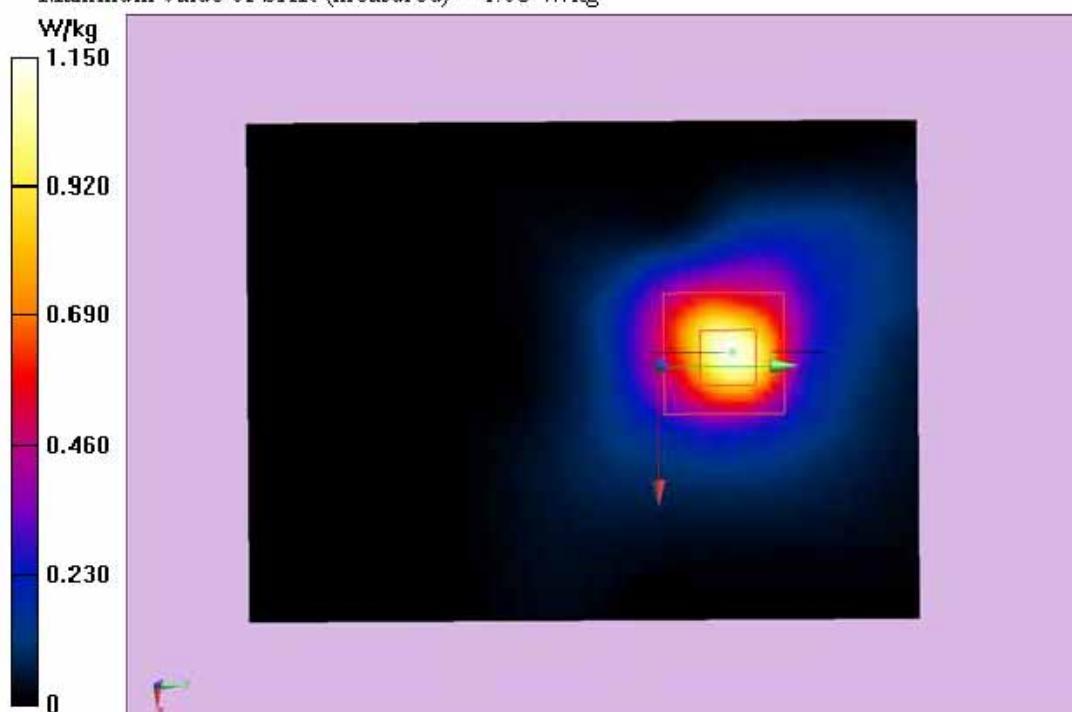
(5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 7.806 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 2.90 W/kg

SAR(1 g) = 0.907 W/kg; SAR(10 g) = 0.321 W/kg

Maximum value of SAR (measured) = 1.08 W/kg



Test Laboratory: Audix SAR Lab

Date: 03/12/2014

802.11a_CH48(5240MHz)-chain 3 Back

DUT: WiFi Advisor

M/N:WFED-300AC

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; $\sigma = 5.587$ S/m; $\epsilon_r = 48.442$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(5.94, 5.94, 5.94); Calibrated: 02/09/2014;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 07/02/2014
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/802.11a_CH48(5240MHz)-chain 3 Back/Area Scan (61x81x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0041 W/kg

Configuration/802.11a_CH48(5240MHz)-chain 3 Back/Zoom Scan

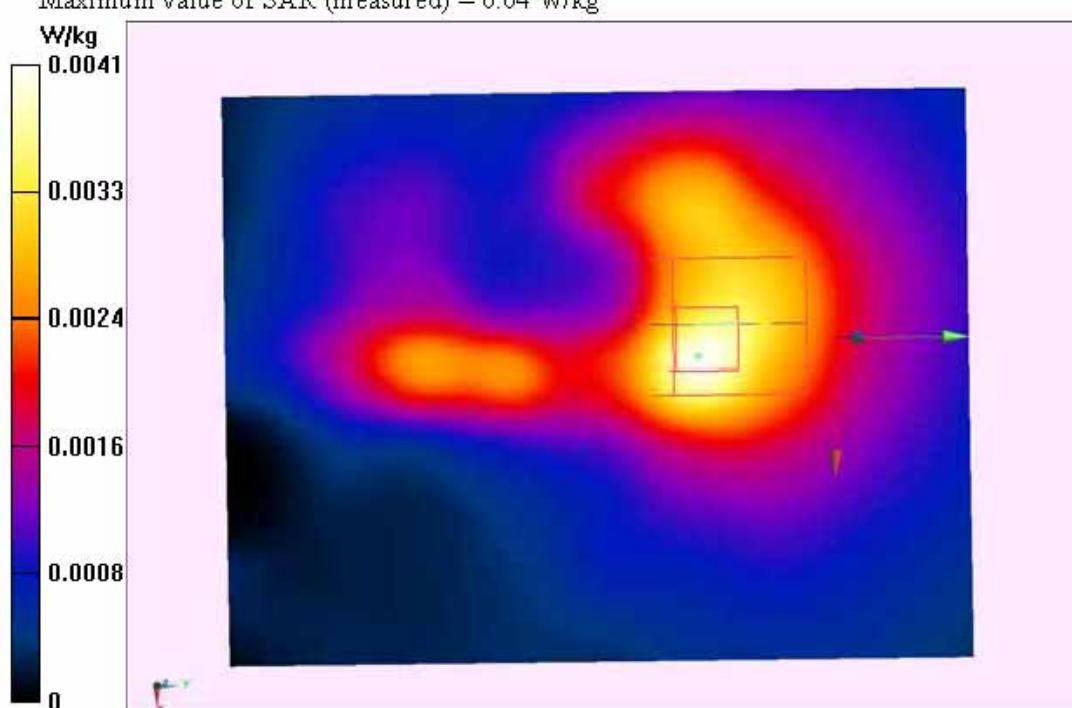
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 0.912 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.027 W/kg

SAR(1 g) = 0.024 W/kg; SAR(10 g) = 0.011 W/kg

Maximum value of SAR (measured) = 0.04 W/kg



Test Laboratory: Audix SAR Lab

Date: 03/12/2014

802.11a_CH48(5240MHz)-chain 3 Top

DUT: WiFi Advisor

M/N:WFED-300AC

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; $\sigma = 5.587$ S/m; $\epsilon_r = 48.442$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(5.94, 5.94, 5.94); Calibrated: 02/09/2014;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 07/02/2014
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/802.11a_CH48(5240MHz)-chain 3 Top/Area Scan (61x81x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

Configuration/802.11a_CH48(5240MHz)-chain 3 Top/Zoom Scan

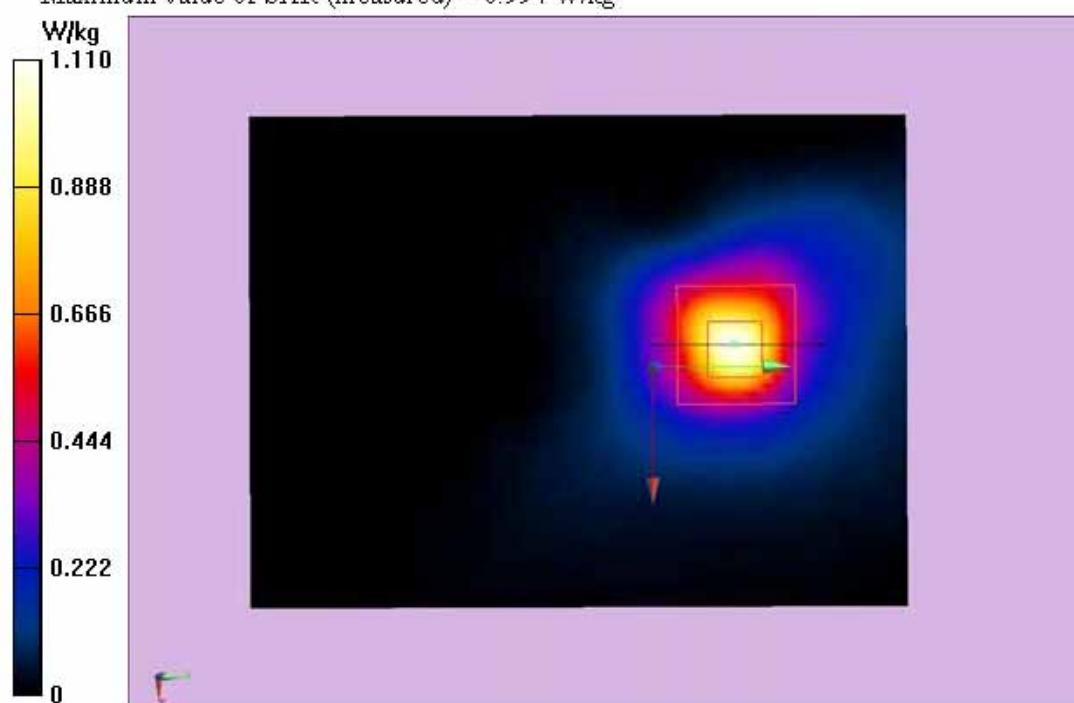
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.912 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.74 W/kg

SAR(1 g) = 0.856 W/kg; SAR(10 g) = 0.308 W/kg

Maximum value of SAR (measured) = 0.994 W/kg



Test Laboratory: Audix SAR Lab

Date: 08/12/2014

802.11a_CH149(5745MHz)-chain 3 Back

DUT: WiFi Advisor

M/N:WFED-300AC

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; $\sigma = 5.743$ S/m; $\epsilon_r = 48.93$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(5.2, 5.2, 5.2); Calibrated: 02/09/2014;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 07/02/2014
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/802.11a_CH149(5745MHz)-chain 3 Back/Area Scan (61x81x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.087 W/kg

Configuration/802.11a_CH149(5745MHz)-chain 3 Back/Zoom Scan (5x5x7)/Cube 0:

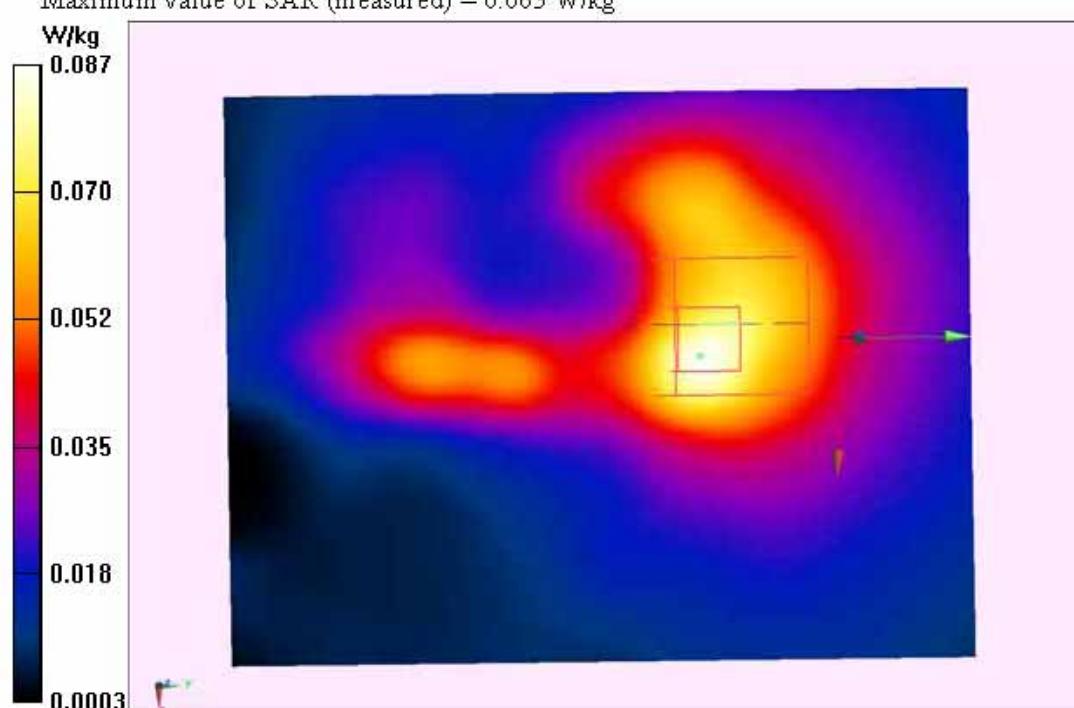
Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.724 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.075 W/kg

SAR(1 g) = 0.059 W/kg; SAR(10 g) = 0.027 W/kg

Maximum value of SAR (measured) = 0.063 W/kg



Test Laboratory: Audix SAR Lab

Date: 08/12/2014

802.11a_CH149(5745MHz)-chain 3 Top

DUT: WiFi Advisor

M/N:WFED-300AC

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; $\sigma = 5.743$ S/m; $\epsilon_r = 48.93$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(5.2, 5.2, 5.2); Calibrated: 02/09/2014;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 07/02/2014
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/802.11a_CH149(5745MHz)-chain 3 Top/Area Scan (61x81x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.13 W/kg

Configuration/802.11a_CH149(5745MHz)-chain 3 Top/Zoom Scan

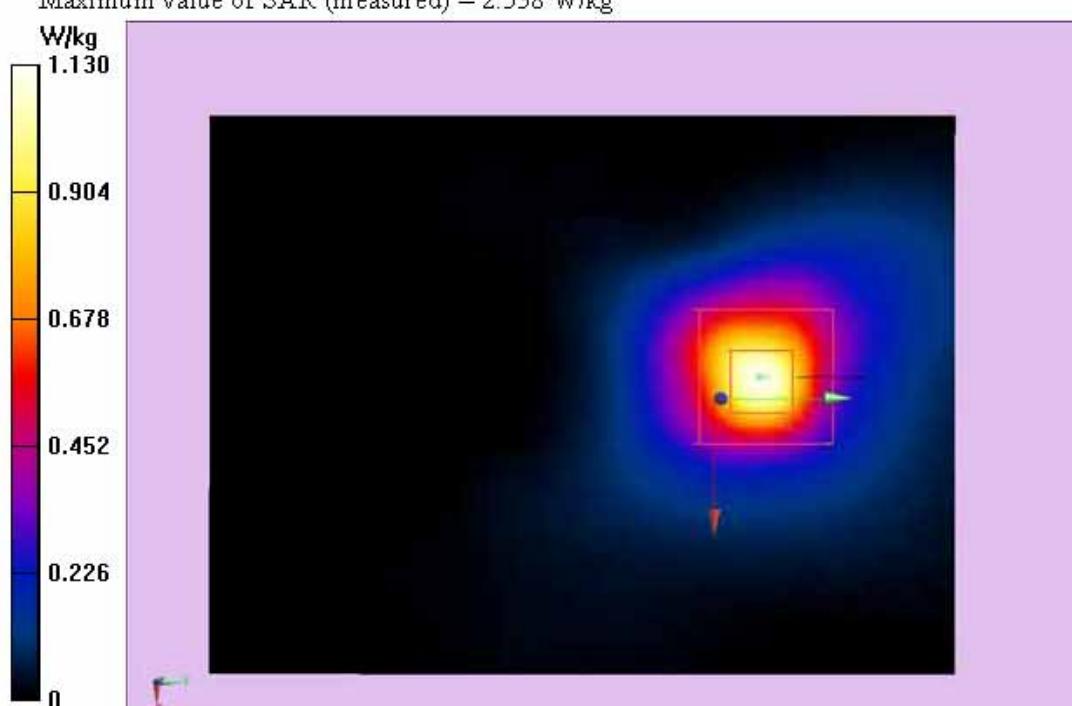
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.356 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.83 W/kg

SAR(1 g) = 0.855 W/kg; SAR(10 g) = 0.337 W/kg

Maximum value of SAR (measured) = 2.538 W/kg



Test Laboratory: Audix SAR Lab

Date: 08/12/2014

802.11a_CH161(5805MHz)-chain 3 Back

DUT: WiFi Advisor

M/N:WFED-300AC

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

Band: IEEE 802.11a WiFi 5.8GHz; Frequency: 5805 MHz; Communication System PAR: 0

dB; Medium parameters used: $f = 5805$ MHz; $\sigma = 6.042$ S/m; $\epsilon_r = 48.29$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.92, 4.92, 4.92); Calibrated: 02/09/2014;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 07/02/2014
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/802.11a_CH161(5805MHz)-chain 3 Back/Area Scan (61x81x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.032 W/kg

Configuration/802.11a_CH161(5805MHz)-chain 3 Back/Zoom Scan

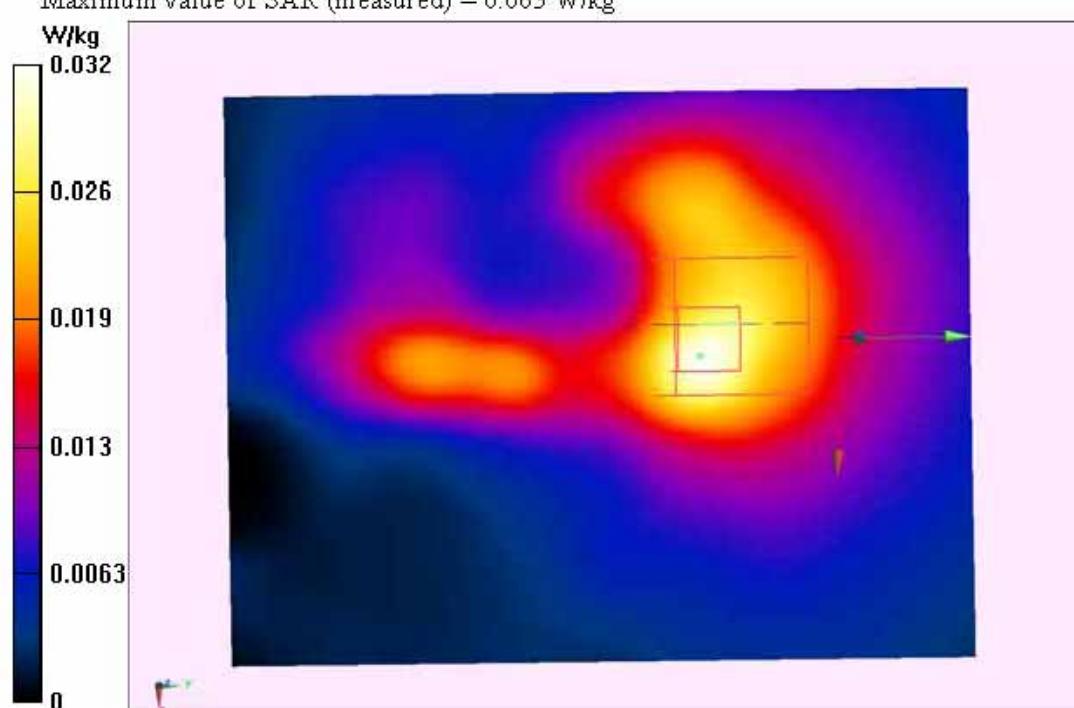
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.722 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.073 W/kg

SAR(1 g) = 0.056 W/kg; SAR(10 g) = 0.029 W/kg

Maximum value of SAR (measured) = 0.063 W/kg



Test Laboratory: Audix SAR Lab

Date: 08/12/2014

802.11a_CH161(5805MHz)-chain 3 Top

DUT: WiFi Advisor

M/N:WFED-300AC

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

Band: IEEE 802.11a WiFi 5.8GHz; Frequency: 5805 MHz; Communication System PAR: 0

dB; Medium parameters used: $f = 5805$ MHz; $\sigma = 6.042$ S/m; $\epsilon_r = 48.29$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.92, 4.92, 4.92); Calibrated: 02/09/2014;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 07/02/2014
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/802.11a_CH161(5805MHz)-chain 3 Top/Area Scan (61x81x1):

Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

Configuration/802.11a_CH161(5805MHz)-chain 3 Top/Zoom Scan

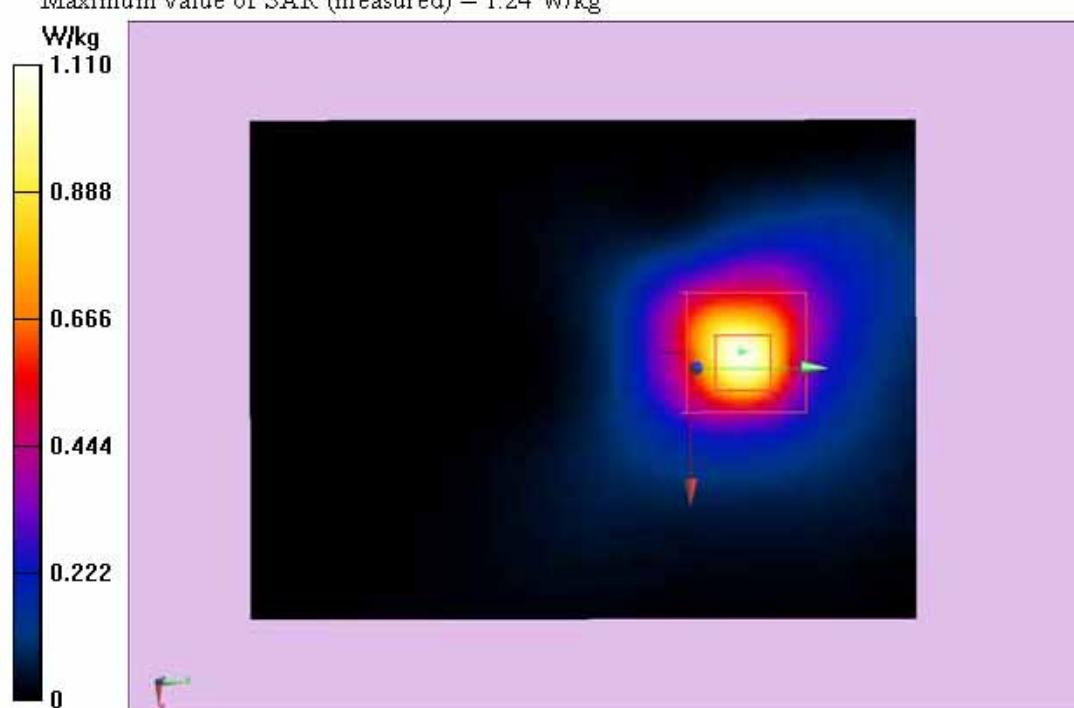
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.851 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 2.73 W/kg

SAR(1 g) = 0.889 W/kg; SAR(10 g) = 0.312 W/kg

Maximum value of SAR (measured) = 1.24 W/kg



Test Laboratory: Audix SAR Lab

Date: 08/12/2014

802.11n HT40_CH38(5190MHz)-chain 1 Back

DUT: WiFi Advisor

M/N:WFED-300AC

Communication System: UID 0, IEEE 802.11n HT40 WiFi 5.2GHz (0); Communication System Band: IEEE 802.11n HT40 WiFi 5.2GHz; Frequency: 5190 MHz; Communication System PAR: 0 dB; Medium parameters used: $f = 5190$ MHz; $\sigma = 5.571$ S/m; $s_r = 48.722$; $\rho = 1000$ kg/m³; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.92, 4.92, 4.92); Calibrated: 02/09/2014;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 07/02/2014
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/802.11n HT40_CH38(5190MHz)-chain 1 Back/Area Scan

(51x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.017 W/kg

Configuration/802.11n HT40_CH38(5190MHz)-chain 1 Back/Zoom Scan

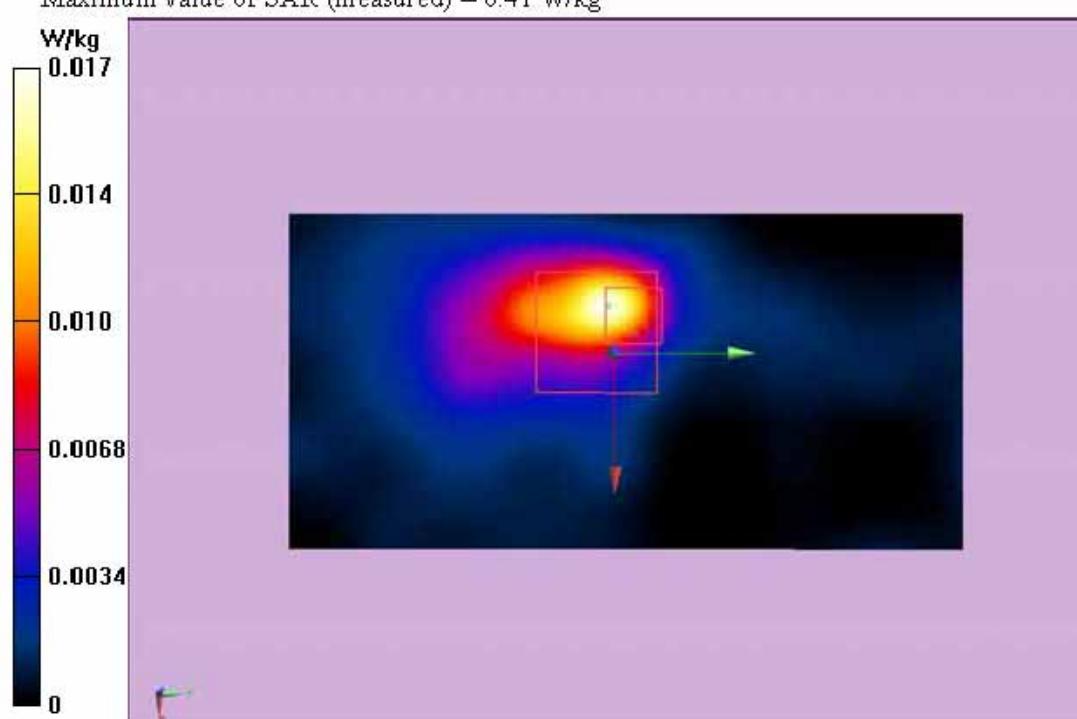
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.217 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.48 W/kg

SAR(1 g) = 0.037 W/kg; SAR(10 g) = 0.018 W/kg

Maximum value of SAR (measured) = 0.41 W/kg



Test Laboratory: Audix SAR Lab

Date: 08/12/2014

802.11n HT40_CH38(5190MHz)-chain 1 Bottom

DUT: WiFi Advisor

M/N:WFED-300AC

Communication System: UID 0, IEEE 802.11n HT40 WiFi 5.2GHz (0); Communication System Band: IEEE 802.11n HT40 WiFi 5.2GHz; Frequency: 5190 MHz; Communication System PAR: 0 dB; Medium parameters used: $f = 5190$ MHz; $\sigma = 5.571$ S/m; $s_r = 48.722$; $\rho = 1000$ kg/m³; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.92, 4.92, 4.92); Calibrated: 02/09/2014;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 07/02/2014
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/802.11n HT40_CH38(5190MHz)-chain 1 Bottom/Area Scan

(51x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.055 W/kg

Configuration/802.11n HT40_CH38(5190MHz)-chain 1 Bottom/Zoom Scan

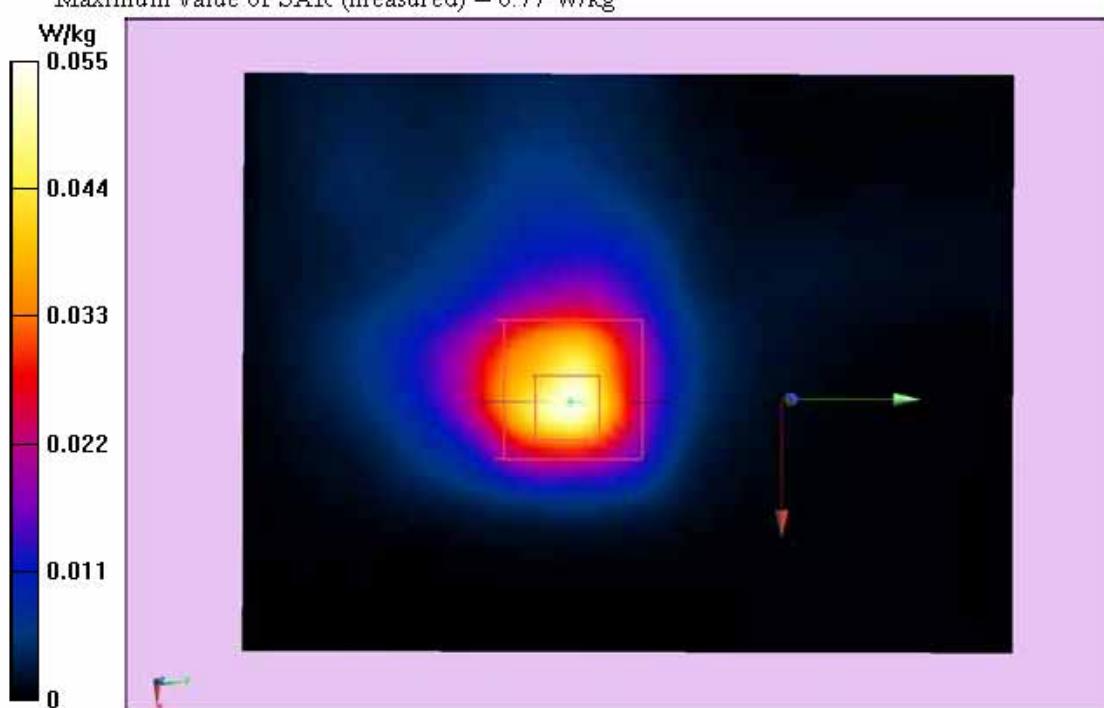
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.743 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.76 W/kg

SAR(1 g) = 0.079 W/kg; SAR(10 g) = 0.061 W/kg

Maximum value of SAR (measured) = 0.77 W/kg



Test Laboratory: Audix SAR Lab

Date: 08/12/2014

802.11n HT40_CH38(5190MHz)-chain 1 Right

DUT: WiFi Advisor

M/N:WFED-300AC

Communication System: UID 0, IEEE 802.11n HT40 WiFi 5.2GHz (0); Communication System Band: IEEE 802.11n HT40 WiFi 5.2GHz; Frequency: 5190 MHz; Communication System PAR: 0 dB; Medium parameters used: $f = 5190$ MHz; $\sigma = 5.571$ S/m; $s_r = 48.722$; $\rho = 1000$ kg/m³; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.92, 4.92, 4.92); Calibrated: 02/09/2014;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 07/02/2014
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/802.11n HT40_CH38(5190MHz)-chain 1 Right/Area Scan

(51x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.66 W/kg

Configuration/802.11n HT40_CH38(5190MHz)-chain 1 Right/Zoom Scan

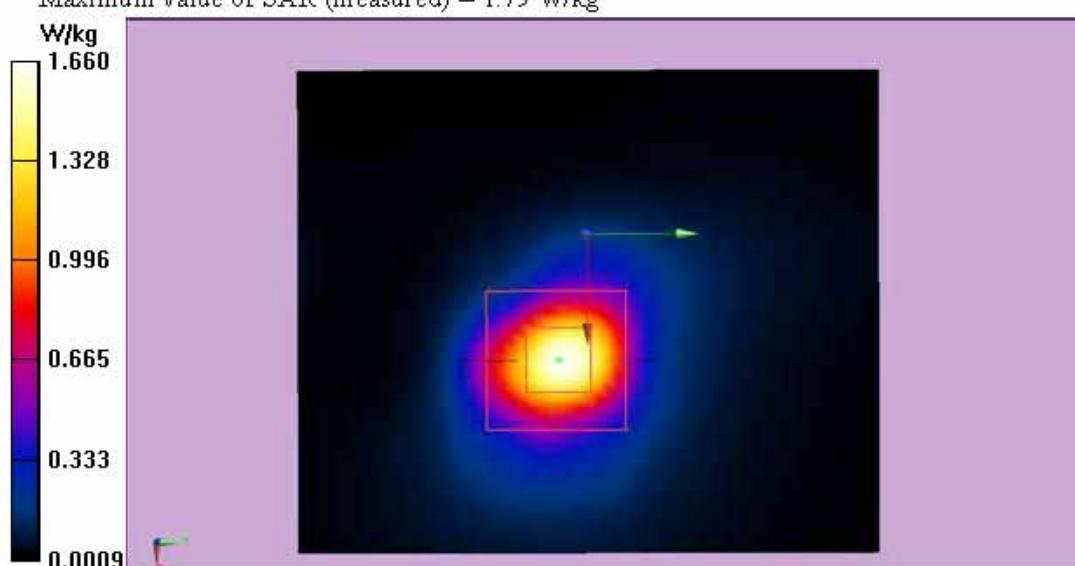
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

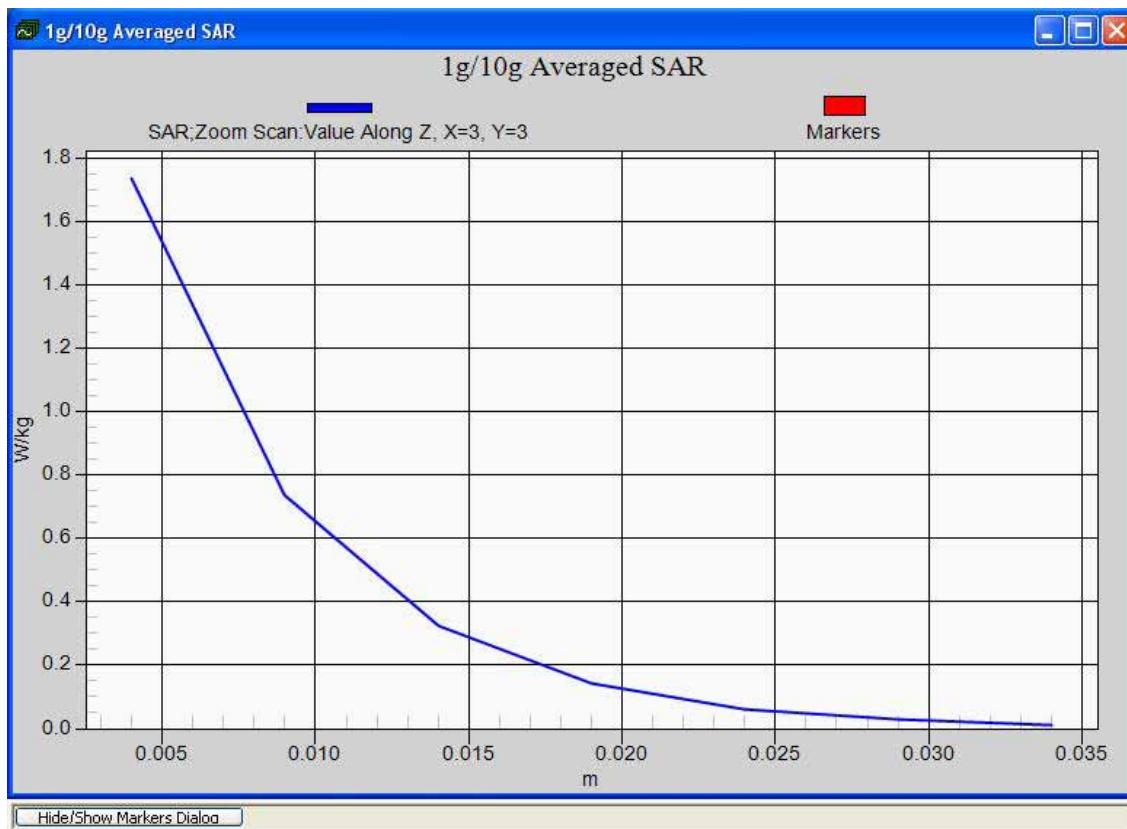
Reference Value = 5.527 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 4.40 W/kg

SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.439 W/kg

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





Test Laboratory: Audix SAR Lab

Date: 08/12/2014

802.11n HT40_CH46(5230MHz)-chain 1 Back

DUT: WiFi Advisor

M/N:WFED-300AC

Communication System: UID 0, IEEE 802.11n HT40 WiFi 5.2GHz (0); Communication System Band: IEEE 802.11n HT40 WiFi 5.2GHz; Frequency: 5230 MHz; Communication System PAR: 0 dB; Medium parameters used: $f = 5230$ MHz; $\sigma = 5.563$ S/m; $s_r = 48.674$; $\rho = 1000$ kg/m³; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.92, 4.92, 4.92); Calibrated: 02/09/2014;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 07/02/2014
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/802.11n HT40_CH46(5230MHz)-chain 1 Back/Area Scan

(51x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.136 W/kg

Configuration/802.11n HT40_CH46(5230MHz)-chain 1 Back/Zoom Scan

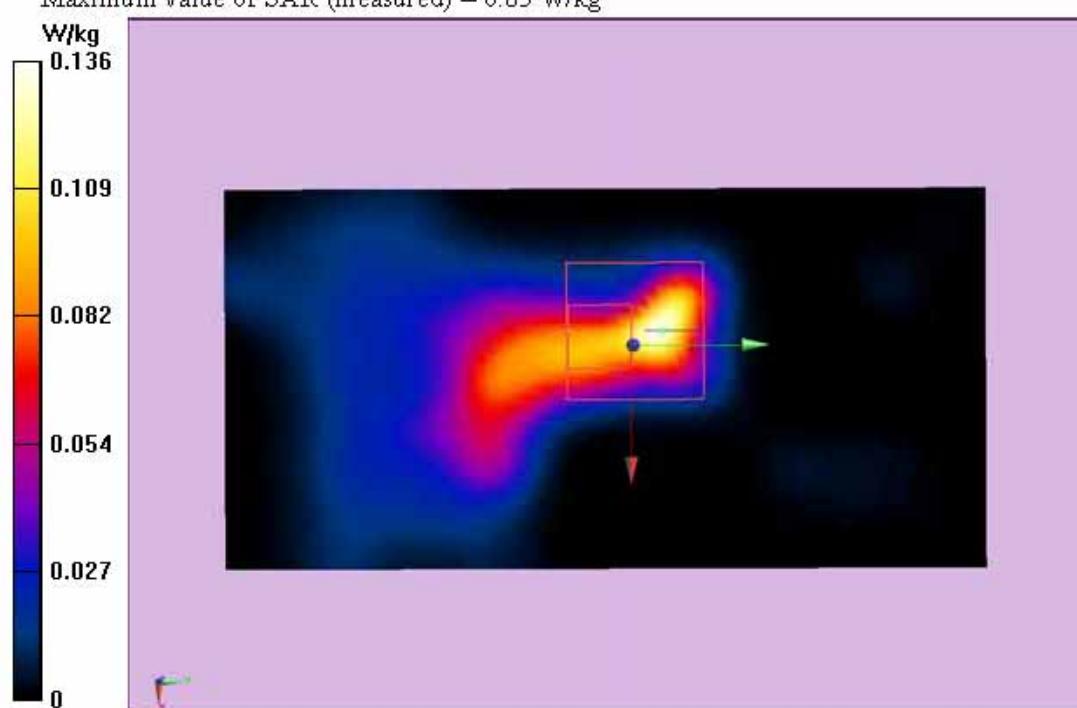
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.453 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.88 W/kg

SAR(1 g) = 0.067 W/kg; SAR(10 g) = 0.031 W/kg

Maximum value of SAR (measured) = 0.85 W/kg



Test Laboratory: Audix SAR Lab

Date: 08/12/2014

802.11n HT40_CH46(5230MHz)-chain 2 Bottom

DUT: WiFi Advisor

M/N:WFED-300AC

Communication System: UID 0, IEEE 802.11n HT40 WiFi 5.2GHz (0); Communication System Band: IEEE 802.11n HT40 WiFi 5.2GHz; Frequency: 5230 MHz; Communication System PAR: 0 dB; Medium parameters used: $f = 5230$ MHz; $\sigma = 5.563$ S/m; $\epsilon_r = 48.674$; $\rho = 1000$ kg/m³; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.92, 4.92, 4.92); Calibrated: 02/09/2014;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 07/02/2014
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/802.11n HT40_CH46(5230MHz)-chain 1 Bottom/Area Scan

(51x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.053 W/kg

Configuration/802.11n HT40_CH46(5230MHz)-chain 1 Bottom/Zoom Scan

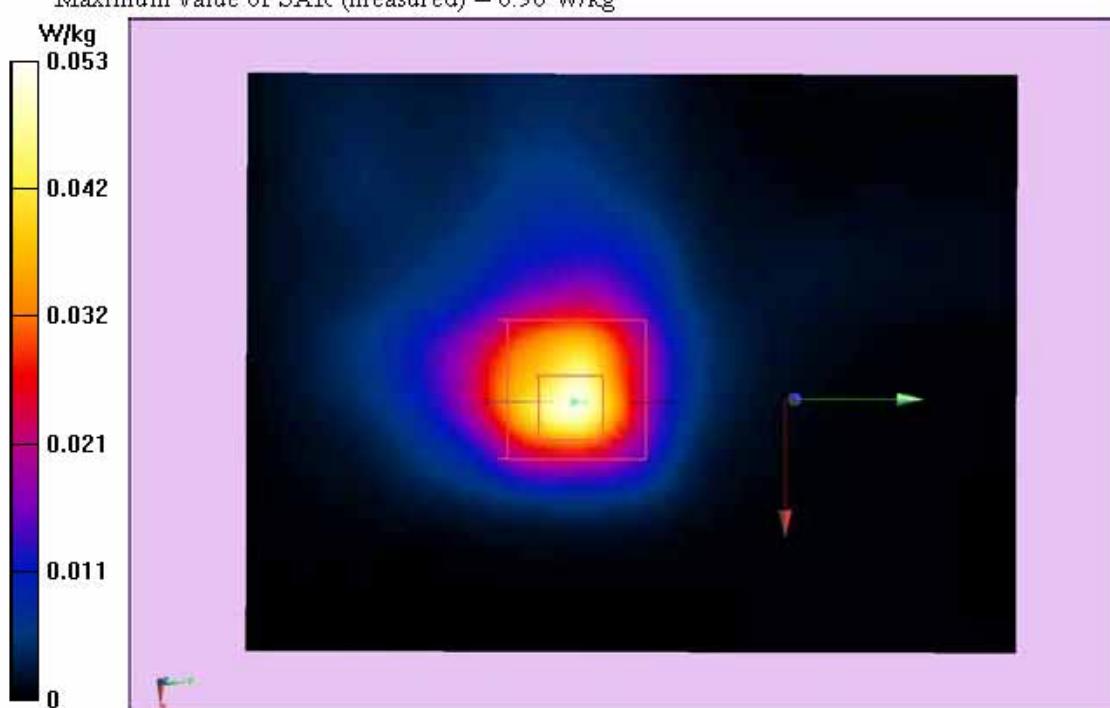
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.536 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.93 W/kg

SAR(1 g) = 0.078 W/kg; SAR(10 g) = 0.033 W/kg

Maximum value of SAR (measured) = 0.96 W/kg



Test Laboratory: Audix SAR Lab

Date: 08/12/2014

802.11n HT40_CH46(5230MHz)-chain 2 Right

DUT: WiFi Advisor

M/N:WFED-300AC

Communication System: UID 0, IEEE 802.11n HT40 WiFi 5.2GHz (0); Communication System Band: IEEE 802.11n HT40 WiFi 5.2GHz; Frequency: 5230 MHz; Communication System PAR: 0 dB; Medium parameters used: $f = 5230$ MHz; $\sigma = 5.563$ S/m; $s_r = 48.674$; $\rho = 1000$ kg/m³; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.92, 4.92, 4.92); Calibrated: 02/09/2014;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 07/02/2014
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/802.11n HT40_CH46(5230MHz)-chain 1 Right/Area Scan

(51x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.64 W/kg

Configuration/802.11n HT40_CH46(5230MHz)-chain 1 Right/Zoom Scan

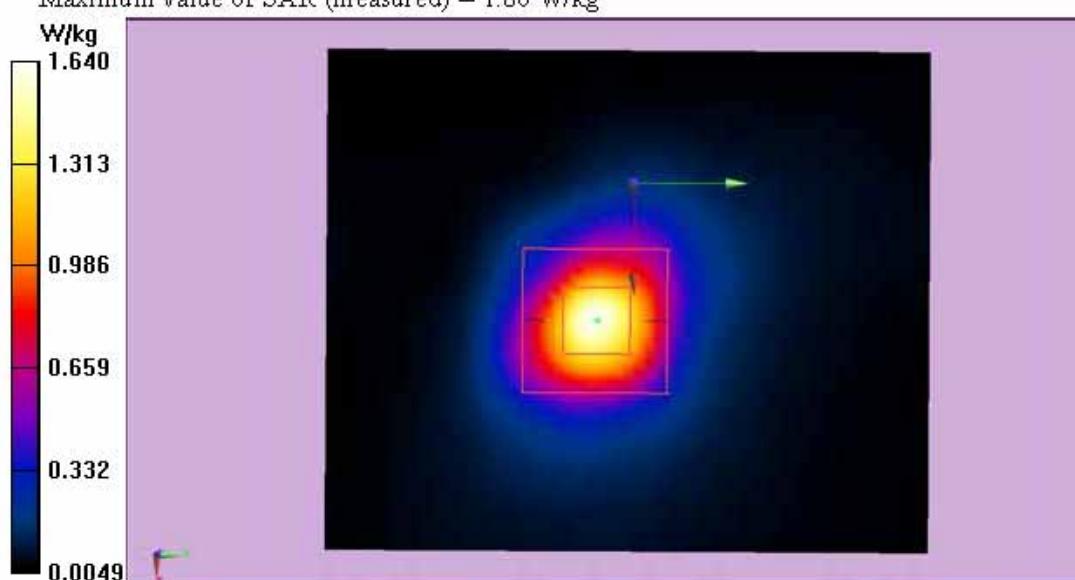
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.503 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 4.40 W/kg

SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.439 W/kg

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



Test Laboratory: Audix SAR Lab

Date: 08/12/2014

802.11n HT40_CH151(5755MHz)-chain 1 Back

DUT: WiFi Advisor

M/N:WFED-300AC

Communication System: UID 0, IEEE 802.11n HT40 WiFi 5.8GHz (0); Communication System Band: IEEE 802.11n HT40 WiFi 5.8GHz ; Frequency: 5755MHz; Communication System PAR: 0 dB; Medium parameters used: $f = 5755$ MHz; $\sigma = 5.866$ S/m; $s_r = 48.71$; $\rho = 1000$ kg/m³; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.84, 4.84, 4.84); Calibrated: 02/09/2014;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 07/02/2014
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/802.11n HT40_CH151(5755MHz)-chain 1 Back/Area Scan

(51x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0363 W/kg

Configuration/802.11n HT40_CH151(5755MHz)-chain 1 Back/Zoom Scan

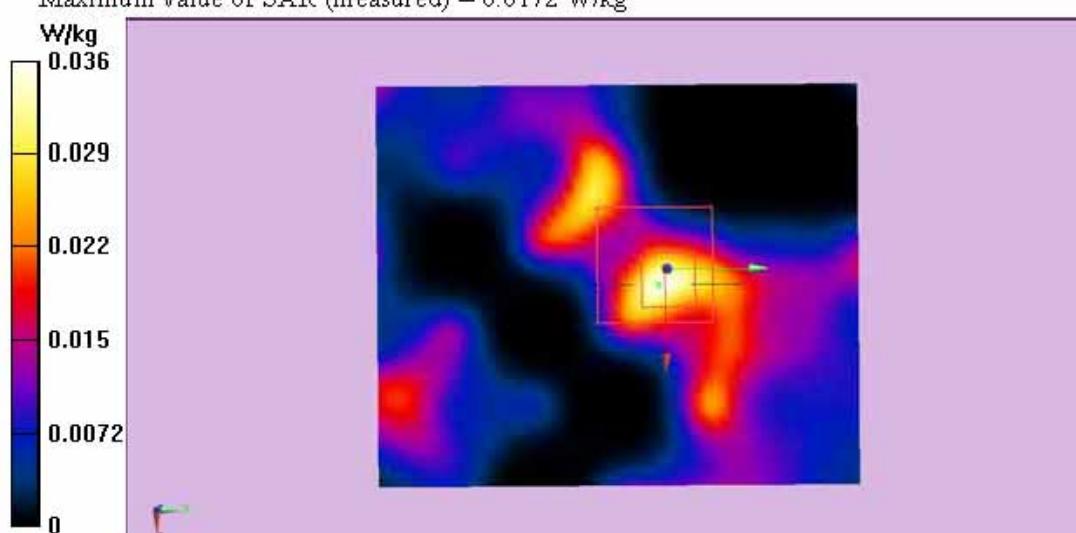
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.271 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.0990 W/kg

SAR(1 g) = 0.021 W/kg; SAR(10 g) = 0.0071 W/kg

Maximum value of SAR (measured) = 0.0172 W/kg



Test Laboratory: Audix SAR Lab

Date: 08/12/2014

802.11n HT40_CH151(5755MHz)-chain 1 Bottom

DUT: WiFi Advisor

M/N:WFED-300AC

Communication System: UID 0, IEEE 802.11n HT40 WiFi 5.8GHz (0); Communication System Band: IEEE 802.11n HT40 WiFi 5.8GHz ; Frequency: 5755MHz; Communication System PAR: 0 dB; Medium parameters used: $f = 5755$ MHz; $\sigma = 5.866$ S/m; $s_r = 48.71$; $\rho = 1000$ kg/m³; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.84, 4.84, 4.84); Calibrated: 02/09/2014;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 07/02/2014
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/802.11n HT40_CH151(5755MHz)-chain 1 Bottom/Area Scan

(51x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0361 W/kg

Configuration/802.11n HT40_CH151(5755MHz)-chain 1 Bottom/Zoom Scan

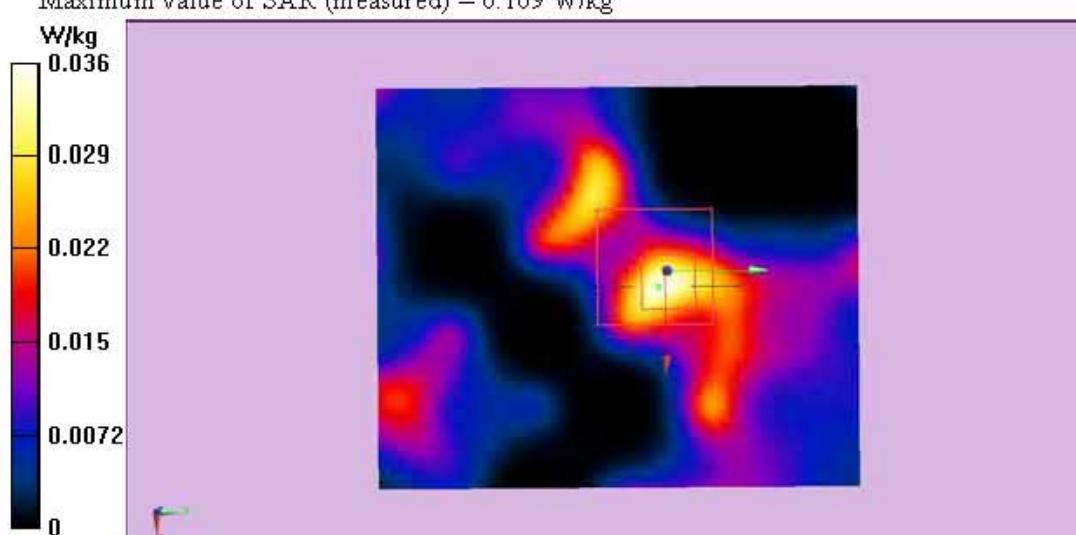
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.552 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.134 W/kg

SAR(1 g) = 0.033 W/kg; SAR(10 g) = 0.012 W/kg

Maximum value of SAR (measured) = 0.109 W/kg



Test Laboratory: Audix SAR Lab

Date: 08/12/2014

802.11n HT40_CH151(5755MHz)-chain 1 Right

DUT: WiFi Advisor

M/N:WFED-300AC

Communication System: UID 0, IEEE 802.11n HT40 WiFi 5.8GHz (0); Communication System Band: IEEE 802.11n HT40 WiFi 5.8GHz ; Frequency: 5755MHz; Communication System PAR: 0 dB; Medium parameters used: $f = 5755$ MHz; $\sigma = 5.866$ S/m; $s_r = 48.71$; $\rho = 1000$ kg/m³; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.84, 4.84, 4.84); Calibrated: 02/09/2014;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 07/02/2014
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/802.11n HT40_CH151(5755MHz)-chain 1 Right/Area Scan

(51x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.602 W/kg

Configuration/802.11n HT40_CH151(5755MHz)-chain 1 Right/Zoom Scan

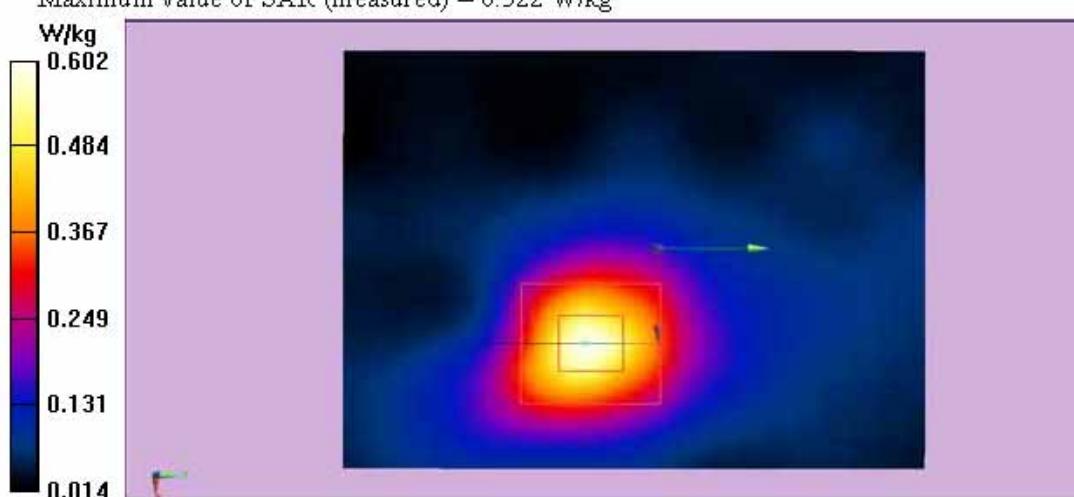
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.807 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.894 W/kg

SAR(1 g) = 0.867 W/kg; SAR(10 g) = 0.408 W/kg

Maximum value of SAR (measured) = 0.322 W/kg



Test Laboratory: Audix SAR Lab

Date: 08/12/2014

802.11n HT40_CH159(5795MHz)-chain 1 Back

DUT: WiFi Advisor

M/N:WFED-300AC

Communication System: UID 0, IEEE 802.11n HT40 WiFi 5.8GHz (0); Communication System Band: IEEE 802.11n HT40 WiFi 5.8GHz ; Frequency: 5795MHz; Communication System PAR: 0 dB; Medium parameters used: $f = 5795$ MHz; $\sigma = 5.912$ S/m; $s_r = 48.55$; $\rho = 1000$ kg/m³; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.84, 4.84, 4.84); Calibrated: 02/09/2014;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 07/02/2014
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/802.11n HT40_CH159(5795MHz)-chain 1 Back/Area Scan

(51x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.401 W/kg

Configuration/802.11n HT40_CH159(5795MHz)-chain 1 Back/Zoom Scan

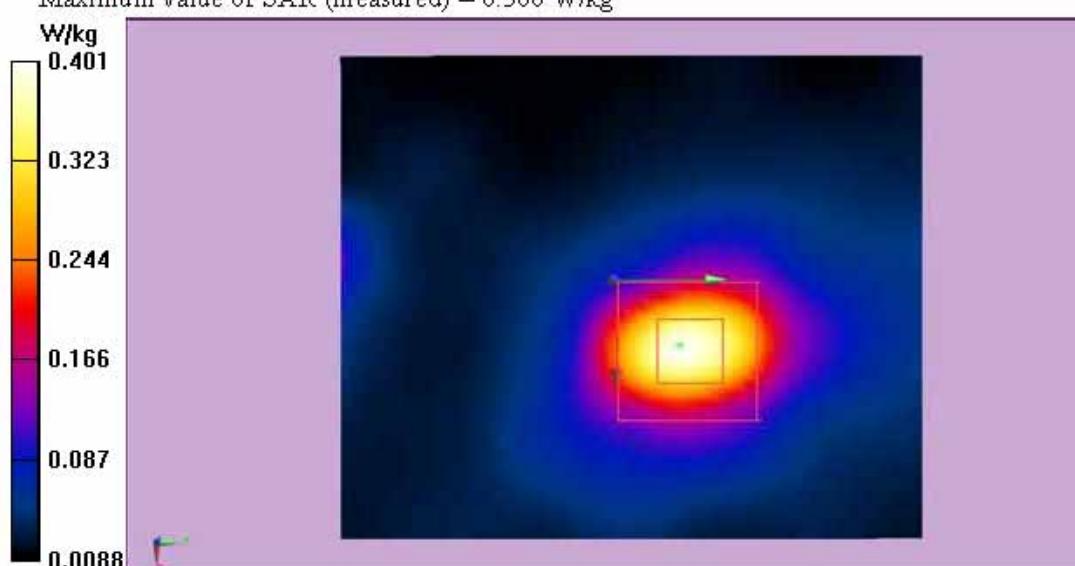
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.524 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.328 W/kg; SAR(10 g) = 0.128 W/kg

Maximum value of SAR (measured) = 0.366 W/kg



Test Laboratory: Audix SAR Lab

Date: 08/12/2014

802.11n HT40_CH159(5795MHz)-chain 1 Bottom

DUT: WiFi Advisor

M/N:WFED-300AC

Communication System: UID 0, IEEE 802.11n HT40 WiFi 5.8GHz (0); Communication System Band: IEEE 802.11n HT40 WiFi 5.8GHz ; Frequency: 5795MHz; Communication System PAR: 0 dB; Medium parameters used: $f = 5795$ MHz; $\sigma = 5.912$ S/m; $s_r = 48.55$; $\rho = 1000$ kg/m³; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.84, 4.84, 4.84); Calibrated: 02/09/2014;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 07/02/2014
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/802.11n HT40_CH159(5795MHz)-chain 1 Bottom/Area Scan

(51x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0792 W/kg

Configuration/802.11n HT40_CH159(5795MHz)-chain 1 Bottom/Zoom Scan

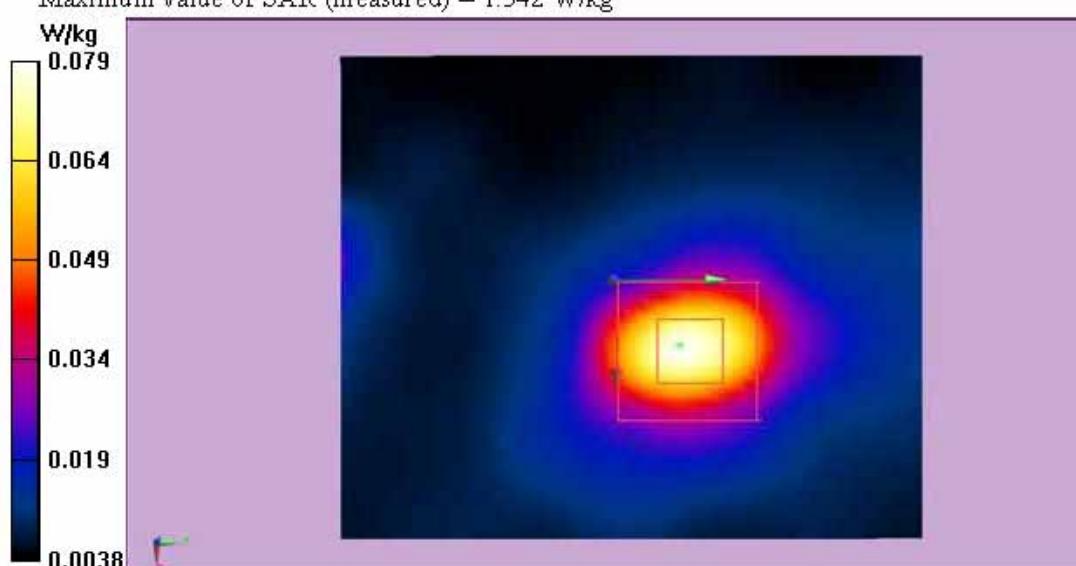
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.734 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.066 W/kg; SAR(10 g) = 0.024 W/kg

Maximum value of SAR (measured) = 1.342 W/kg



Test Laboratory: Audix SAR Lab

Date: 08/12/2014

802.11n HT40_CH159(5795MHz)-chain 1 Right

DUT: WiFi Advisor

M/N:WFED-300AC

Communication System: UID 0, IEEE 802.11n HT40 WiFi 5.8GHz (0); Communication System Band: IEEE 802.11n HT40 WiFi 5.8GHz ; Frequency: 5795MHz; Communication System PAR: 0 dB; Medium parameters used: $f = 5795$ MHz; $\sigma = 5.912$ S/m; $s_r = 48.55$; $\rho = 1000$ kg/m³; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.84, 4.84, 4.84); Calibrated: 02/09/2014;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 07/02/2014
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/802.11n HT40_CH159(5795MHz)-chain 1 Right/Area Scan

(51x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.517 W/kg

Configuration/802.11n HT40_CH159(5795MHz)-chain 1 Right/Zoom Scan

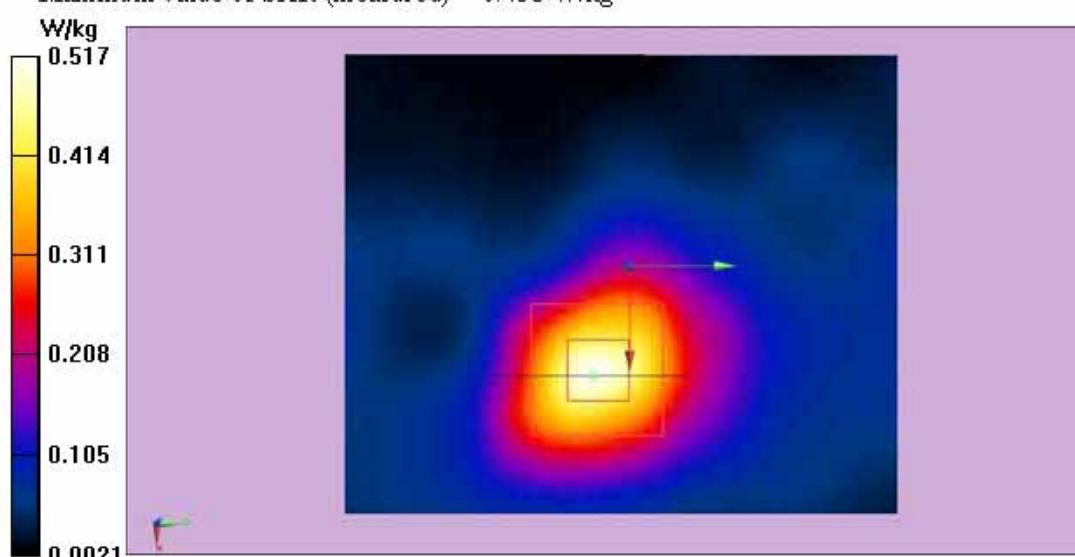
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.169 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.672 W/kg

SAR(1 g) = 0.903 W/kg; SAR(10 g) = 0.421 W/kg

Maximum value of SAR (measured) = 0.458 W/kg



Test Laboratory: Audix SAR Lab

Date: 08/12/2014

802.11n HT40_CH38(5190MHz)-chain 2 Back

DUT: WiFi Advisor

M/N:WFED-300AC

Communication System: UID 0, IEEE 802.11n HT40 WiFi 5.2GHz (0); Communication System Band: IEEE 802.11n HT40 WiFi 5.2GHz; Frequency: 5190 MHz; Communication System PAR: 0 dB; Medium parameters used: $f = 5190$ MHz; $\sigma = 5.571$ S/m; $s_r = 48.722$; $\rho = 1000$ kg/m³; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.92, 4.92, 4.92); Calibrated: 02/09/2014;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 07/02/2014
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/802.11n HT40_CH38(5190MHz)-chain 2 Back/Area Scan

(61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.111 W/kg

Configuration/802.11n HT40_CH38(5190MHz)-chain 2 Back/Zoom Scan

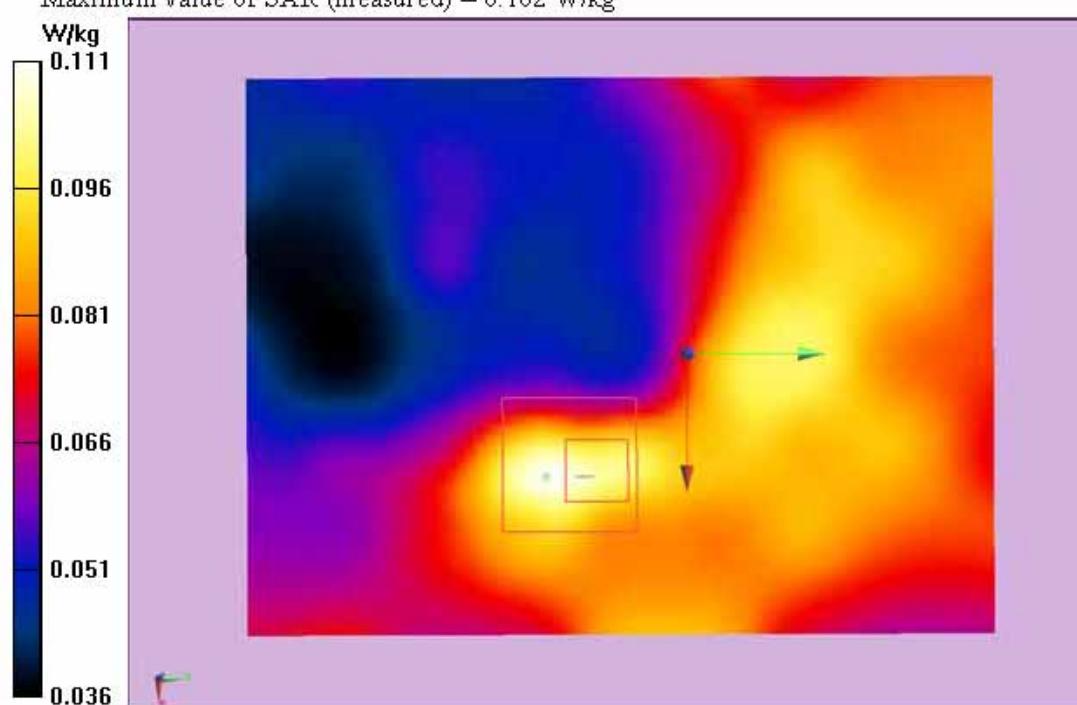
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.299 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.175 W/kg

SAR(1 g) = 0.094 W/kg; SAR(10 g) = 0.071 W/kg

Maximum value of SAR (measured) = 0.102 W/kg



Test Laboratory: Audix SAR Lab**Date:** 08/12/2014**802.11n HT40_CH38(5190MHz)-chain 2 Right****DUT:** WiFi Advisor**M/N:**WFED-300AC

Communication System: UID 0, IEEE 802.11n HT40 WiFi 5.2GHz (0); Communication System Band: IEEE 802.11n HT40 WiFi 5.2GHz; Frequency: 5190 MHz; Communication System PAR: 0 dB; Medium parameters used: $f = 5190$ MHz; $\sigma = 5.571$ S/m; $s_r = 48.722$; $\rho = 1000$ kg/m³; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.92, 4.92, 4.92); Calibrated: 02/09/2014;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 07/02/2014
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/802.11n HT40_CH38(5190MHz)-chain 2 Right/Area Scan**(51x61x1):** Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.662 W/kg

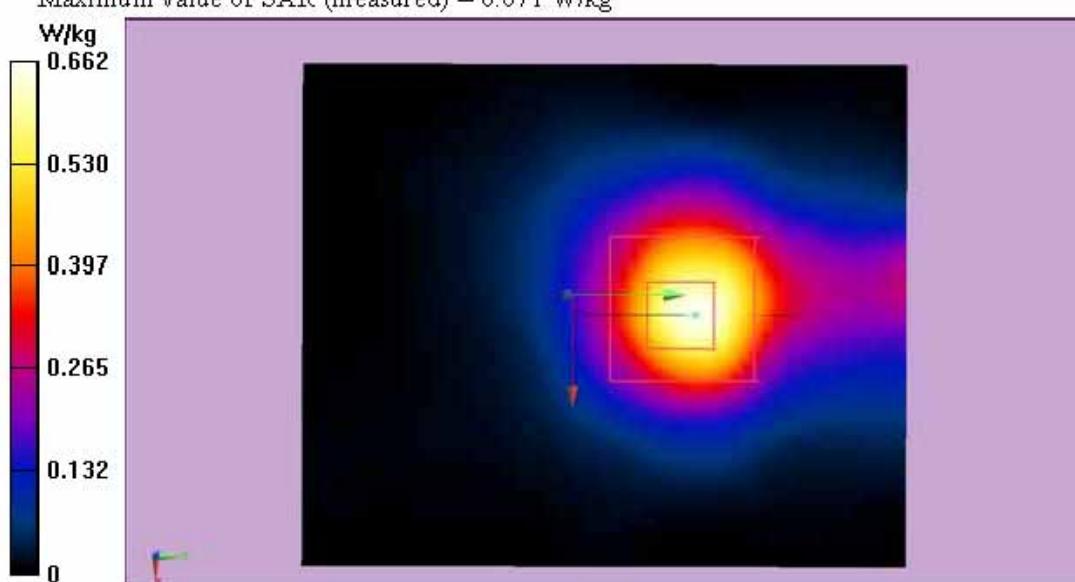
Configuration/802.11n HT40_CH38(5190MHz)-chain 2 Right/Zoom Scan**(5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 9.614 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 4.20 W/kg

SAR(1 g) = 0.768 W/kg; SAR(10 g) = 0.260 W/kg

Maximum value of SAR (measured) = 0.671 W/kg



Test Laboratory: Audix SAR Lab

Date: 08/12/2014

802.11n HT40_CH38(5190MHz)-chain 2 Top

DUT: WiFi Advisor

M/N:WFED-300AC

Communication System: UID 0, IEEE 802.11n HT40 WiFi 5.2GHz (0); Communication System Band: IEEE 802.11n HT40 WiFi 5.2GHz; Frequency: 5190 MHz; Communication System PAR: 0 dB; Medium parameters used: $f = 5190$ MHz; $\sigma = 5.571$ S/m; $s_r = 48.722$; $\rho = 1000$ kg/m³; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.92, 4.92, 4.92); Calibrated: 02/09/2014;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 07/02/2014
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/802.11n HT40_CH38(5190MHz)-chain 2 Top/Area Scan

(5x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.290 W/kg

Configuration/802.11n HT40_CH38(5190MHz)-chain 2 Top/Zoom Scan

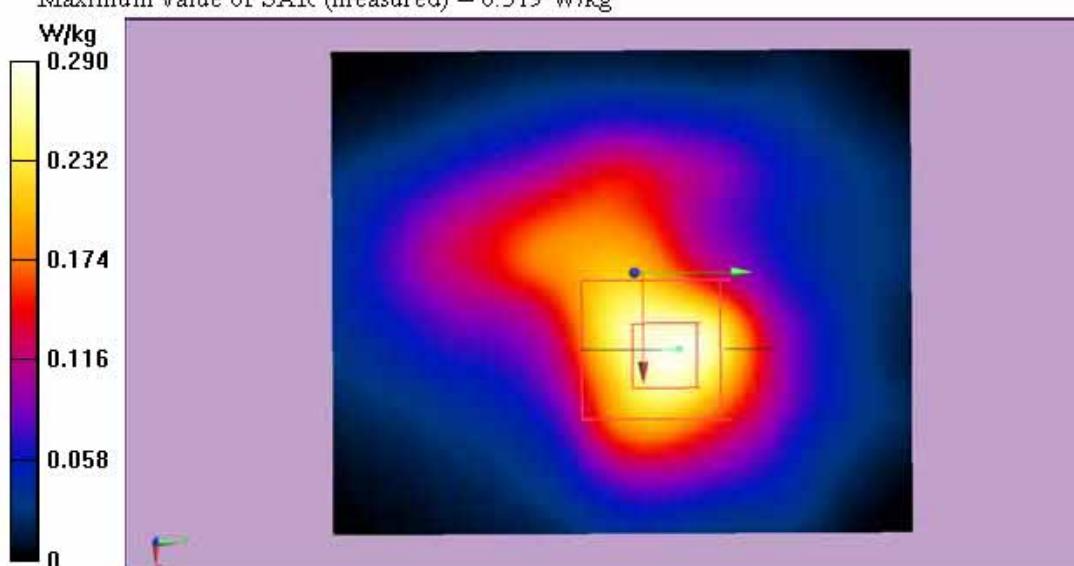
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.445 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.817 W/kg

SAR(1 g) = 0.279 W/kg; SAR(10 g) = 0.108 W/kg

Maximum value of SAR (measured) = 0.319 W/kg



Test Laboratory: Audix SAR Lab

Date: 08/12/2014

802.11n HT40_CH46(5230MHz)-chain 2 Back

DUT: WiFi Advisor

M/N:WFED-300AC

Communication System: UID 0, IEEE 802.11n HT40 WiFi 5.2GHz (0); Communication System Band: IEEE 802.11n HT40 WiFi 5.2GHz; Frequency: 5230 MHz; Communication System PAR: 0 dB; Medium parameters used: $f = 5230$ MHz; $\sigma = 5.563$ S/m; $\epsilon_r = 48.674$; $\rho = 1000$ kg/m³; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.92, 4.92, 4.92); Calibrated: 02/09/2014;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 07/02/2014
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/802.11n HT40_CH46(5230MHz)-chain 2 Back/Area Scan

(61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.105 W/kg

Configuration/802.11n HT40_CH46(5230MHz)-chain 2 Back/Zoom Scan

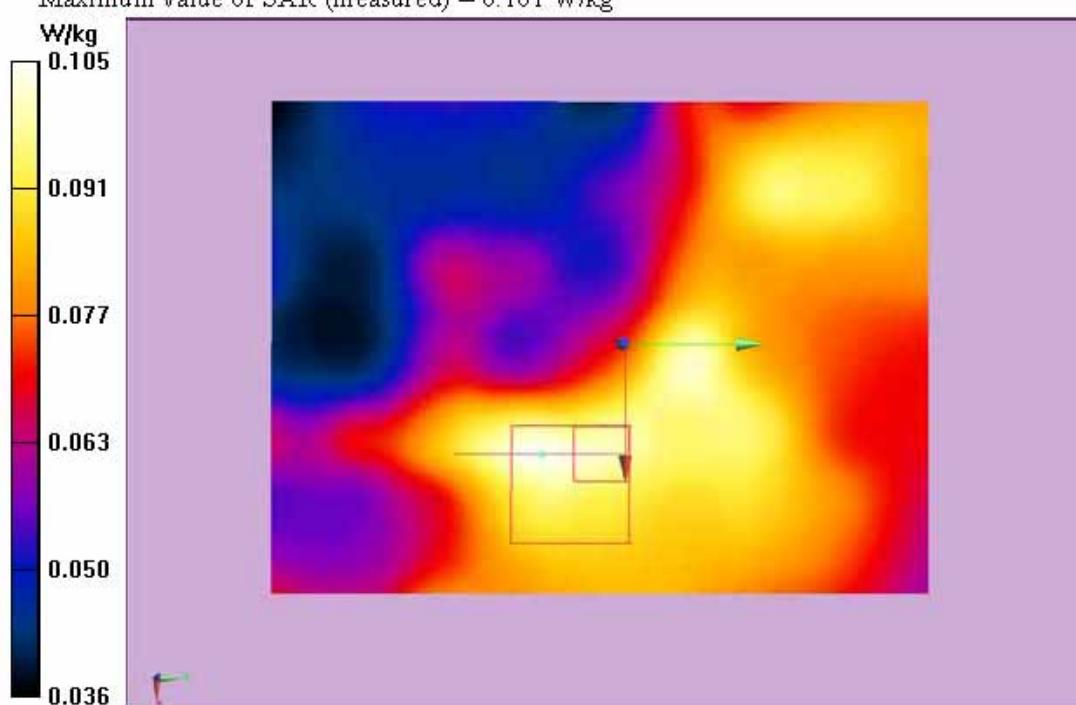
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.937 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.171 W/kg

SAR(1 g) = 0.091 W/kg; SAR(10 g) = 0.071 W/kg

Maximum value of SAR (measured) = 0.101 W/kg



Test Laboratory: Audix SAR Lab

Date: 08/12/2014

802.11n HT40_CH46(5230MHz)-chain 2 Right

DUT: WiFi Advisor

M/N:WFED-300AC

Communication System: UID 0, IEEE 802.11n HT40 WiFi 5.2GHz (0); Communication System Band: IEEE 802.11n HT40 WiFi 5.2GHz; Frequency: 5230 MHz; Communication System PAR: 0 dB; Medium parameters used: $f = 5230$ MHz; $\sigma = 5.563$ S/m; $s_r = 48.674$; $\rho = 1000$ kg/m³; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.92, 4.92, 4.92); Calibrated: 02/09/2014;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 07/02/2014
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/802.11n HT40_CH46(5230MHz)-chain 2 Right/Area Scan

(51x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.763 W/kg

Configuration/802.11n HT40_CH46(5230MHz)-chain 2 Right/Zoom Scan

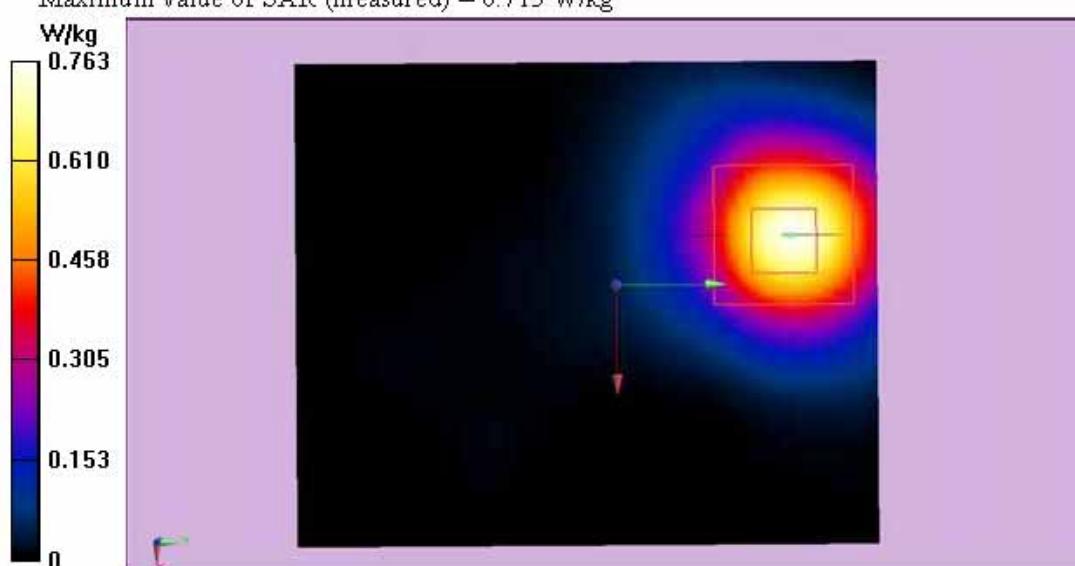
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.778 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 2.10 W/kg

SAR(1 g) = 0.651 W/kg; SAR(10 g) = 0.227 W/kg

Maximum value of SAR (measured) = 0.715 W/kg



Test Laboratory: Audix SAR Lab

Date: 08/12/2014

802.11n HT40_CH46(5230MHz)-chain 2 Top

DUT: WiFi Advisor

M/N:WFED-300AC

Communication System: UID 0, IEEE 802.11n HT40 WiFi 5.2GHz (0); Communication System Band: IEEE 802.11n HT40 WiFi 5.2GHz; Frequency: 5230 MHz; Communication System PAR: 0 dB; Medium parameters used: $f = 5230$ MHz; $\sigma = 5.563$ S/m; $s_r = 48.674$; $\rho = 1000$ kg/m³; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.92, 4.92, 4.92); Calibrated: 02/09/2014;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 07/02/2014
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/802.11n HT40_CH46(5230MHz)-chain 2 Top/Area Scan

(61x81x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.321 W/kg

Configuration/802.11n HT40_CH46(5230MHz)-chain 2 Top/Zoom Scan

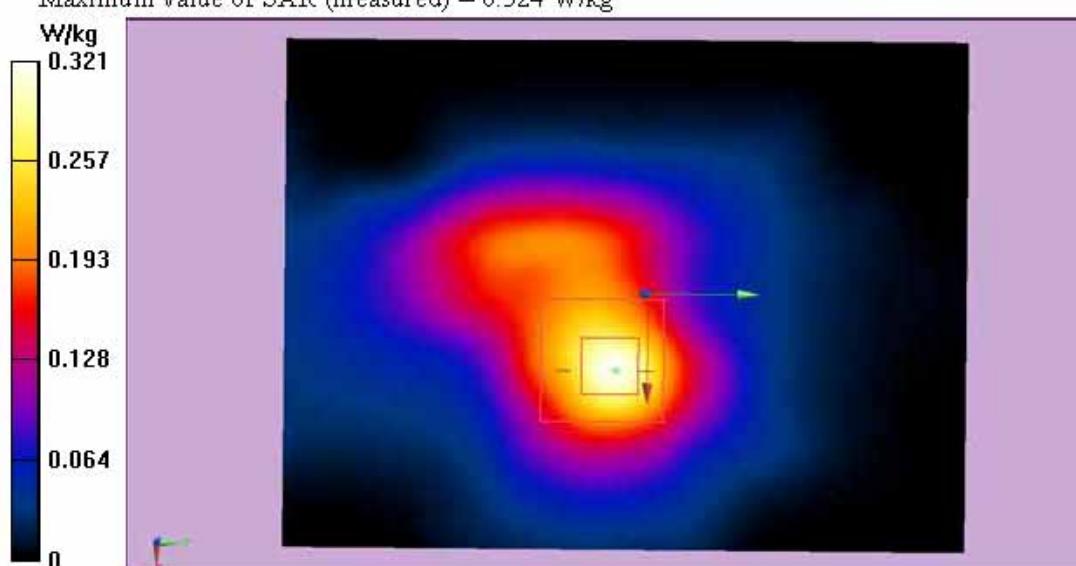
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.447 V/m; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.862 W/kg

SAR(1 g) = 0.285 W/kg; SAR(10 g) = 0.111 W/kg

Maximum value of SAR (measured) = 0.324 W/kg



Test Laboratory: Audix SAR Lab

Date: 08/12/2014

802.11n HT40_CH151(5755MHz)-chain 2 Back

DUT: WiFi Advisor

M/N:WFED-300AC

Communication System: UID 0, IEEE 802.11n HT40 WiFi 5.8GHz (0); Communication System Band: IEEE 802.11n HT40 WiFi 5.8GHz ; Frequency: 5755MHz; Communication System PAR: 0 dB; Medium parameters used: $f = 5755$ MHz; $\sigma = 5.866$ S/m; $s_r = 48.71$; $\rho = 1000$ kg/m³; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.84, 4.84, 4.84); Calibrated: 02/09/2014;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 07/02/2014
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/802.11n HT40_CH151(5755MHz)-chain 2 Back/Area Scan

(51x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.284 W/kg

Configuration/802.11n HT40_CH151(5755MHz)-chain 2 Back/Zoom Scan

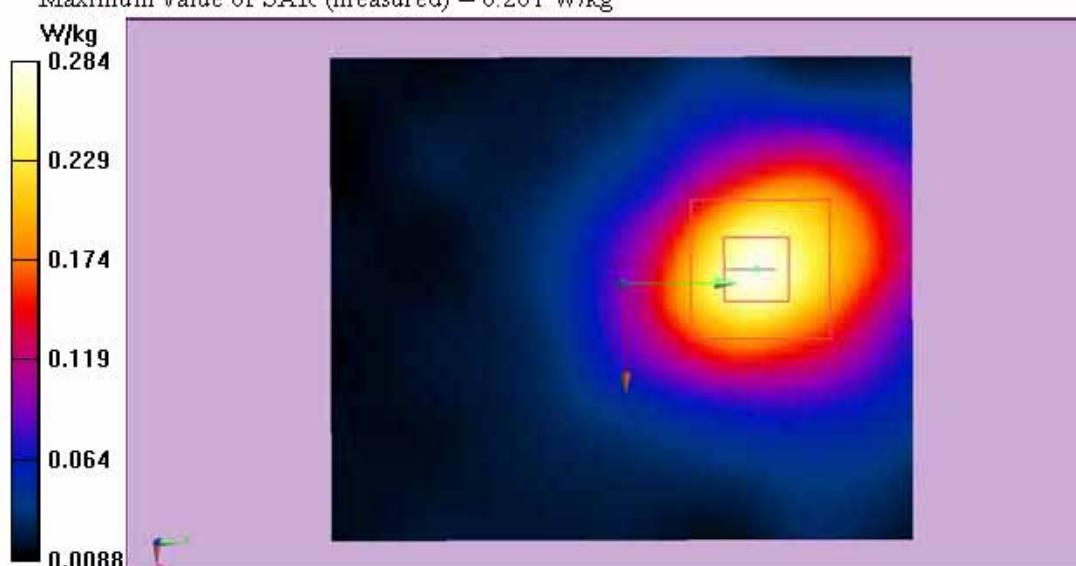
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.492 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 0.829 W/kg

SAR(1 g) = 0.253 W/kg; SAR(10 g) = 0.108 W/kg

Maximum value of SAR (measured) = 0.261 W/kg



Test Laboratory: Audix SAR Lab

Date: 08/12/2014

802.11n HT40_CH151(5755MHz)-chain 2 Right

DUT: WiFi Advisor

M/N:WFED-300AC

Communication System: UID 0, IEEE 802.11n HT40 WiFi 5.8GHz (0); Communication System Band: IEEE 802.11n HT40 WiFi 5.8GHz ; Frequency: 5755MHz; Communication System PAR: 0 dB; Medium parameters used: $f = 5755$ MHz; $\sigma = 5.866$ S/m; $s_r = 48.71$; $\rho = 1000$ kg/m³; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.84, 4.84, 4.84); Calibrated: 02/09/2014;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 07/02/2014
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/802.11n HT40_CH151(5755MHz)-chain 2 Right/Area Scan

(51x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

Configuration/802.11n HT40_CH151(5755MHz)-chain 2 Right/Zoom Scan

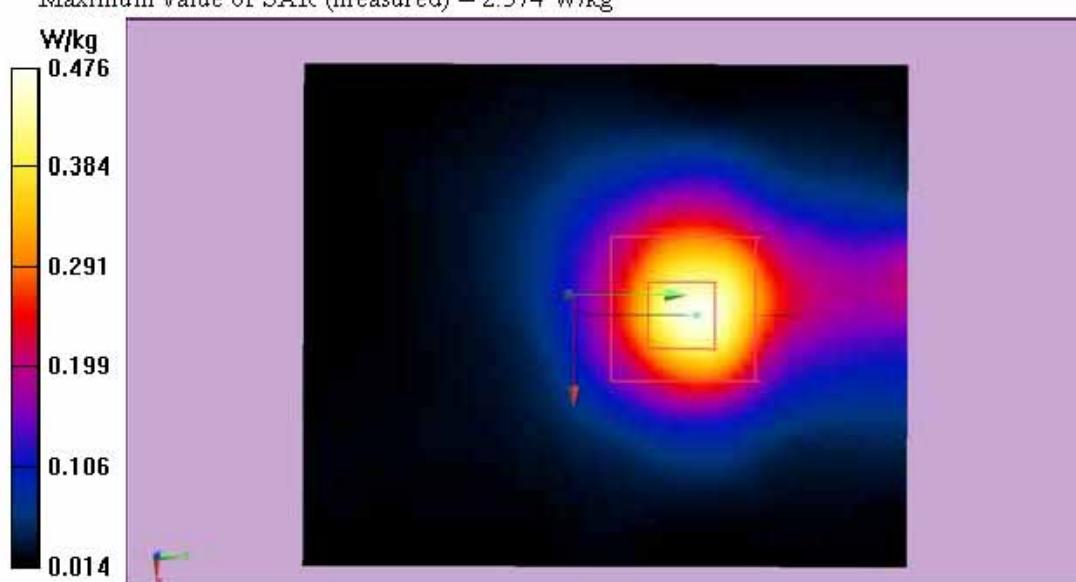
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 6.95 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.834 W/kg

SAR(1 g) = 0.788 W/kg; SAR(10 g) = 0.386 W/kg

Maximum value of SAR (measured) = 2.374 W/kg



Test Laboratory: Audix SAR Lab

Date: 08/12/2014

802.11n HT40_CH151(5755MHz)-chain 2 Top

DUT: WiFi Advisor

M/N:WFED-300AC

Communication System: UID 0, IEEE 802.11n HT40 WiFi 5.8GHz (0); Communication System Band: IEEE 802.11n HT40 WiFi 5.8GHz ; Frequency: 5755MHz; Communication System PAR: 0 dB; Medium parameters used: $f = 5755$ MHz; $\sigma = 5.866$ S/m; $s_r = 48.71$; $\rho = 1000$ kg/m³; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.84, 4.84, 4.84); Calibrated: 02/09/2014;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 07/02/2014
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/802.11n HT40_CH151(5755MHz)-chain 2 TOP/Area Scan

(51x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.191 W/kg

Configuration/802.11n HT40_CH151(5755MHz)-chain 2 TOP/Zoom Scan

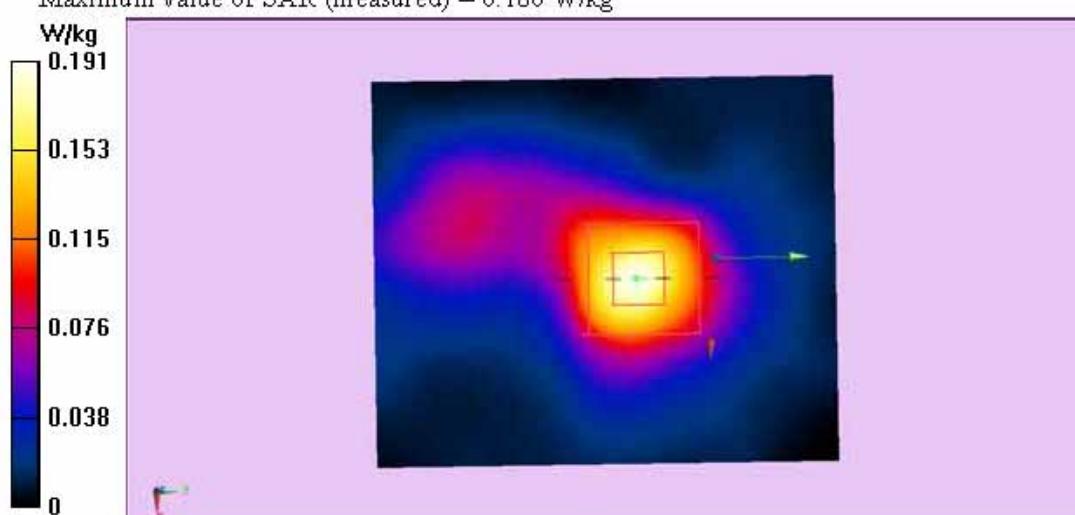
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.640 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.652 W/kg

SAR(1 g) = 0.179 W/kg; SAR(10 g) = 0.070 W/kg

Maximum value of SAR (measured) = 0.180 W/kg



Test Laboratory: Audix SAR Lab

Date: 08/12/2014

802.11n HT40_CH159(5795MHz)-chain 2 Back

DUT: WiFi Advisor

M/N:WFED-300AC

Communication System: UID 0, IEEE 802.11n HT40 WiFi 5.8GHz (0); Communication System Band: IEEE 802.11n HT40 WiFi 5.8GHz ; Frequency: 5795MHz; Communication System PAR: 0 dB; Medium parameters used: $f = 5795$ MHz; $\sigma = 5.912$ S/m; $\epsilon_r = 48.55$; $\rho = 1000$ kg/m³; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.84, 4.84, 4.84); Calibrated: 02/09/2014;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 07/02/2014
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/802.11n HT40_CH159(5795MHz)-chain 2 Back/Area Scan

(81x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0594 W/kg

Configuration/802.11n HT40_CH159(5795MHz)-chain 2 Back/Zoom Scan

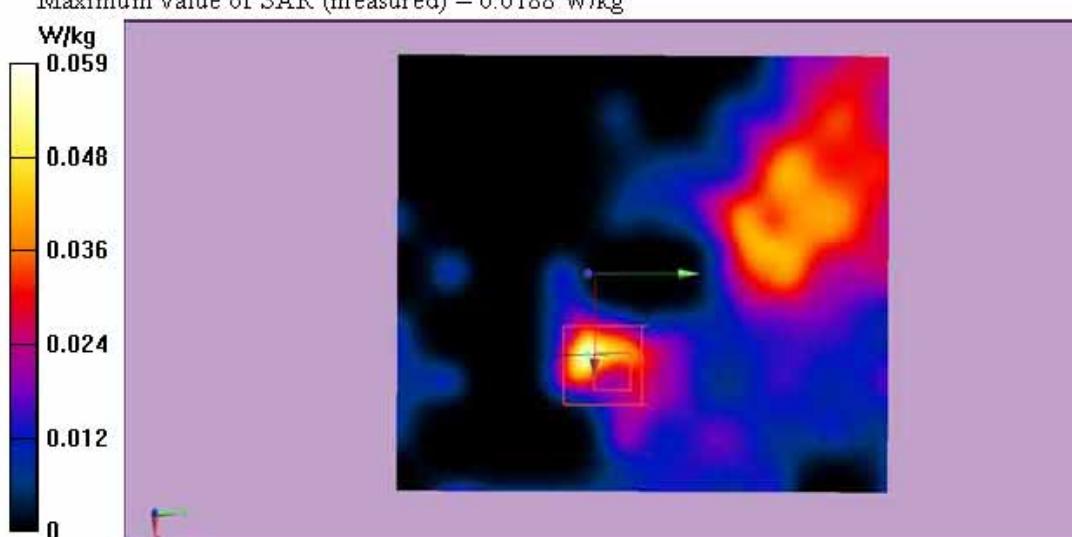
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.683 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.110 W/kg

SAR(1 g) = 0.024 W/kg; SAR(10 g) = 0.00986 W/kg

Maximum value of SAR (measured) = 0.0188 W/kg



Test Laboratory: Audix SAR Lab

Date: 08/12/2014

802.11n HT40_CH159(5795MHz)-chain 2 Right

DUT: WiFi Advisor

M/N:WFED-300AC

Communication System: UID 0, IEEE 802.11n HT40 WiFi 5.8GHz (0); Communication System Band: IEEE 802.11n HT40 WiFi 5.8GHz ; Frequency: 5795MHz; Communication System PAR: 0 dB; Medium parameters used: $f = 5795$ MHz; $\sigma = 5.912$ S/m; $\epsilon_r = 48.55$; $\rho = 1000$ kg/m³; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.84, 4.84, 4.84); Calibrated: 02/09/2014;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 07/02/2014
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/802.11n HT40_CH159(5795MHz)-chain 2 Right/Area Scan

(51x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.602 W/kg

Configuration/802.11n HT40_CH159(5795MHz)-chain 2 Right/Zoom Scan

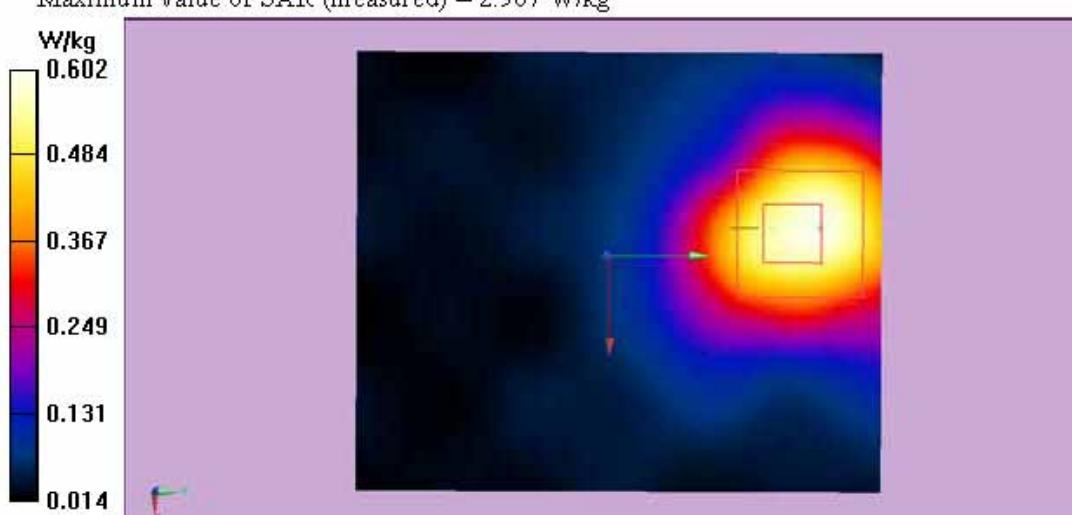
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.536 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 3.804 W/kg

SAR(1 g) = 0.674 W/kg; SAR(10 g) = 0.403 W/kg

Maximum value of SAR (measured) = 2.967 W/kg



Test Laboratory: Audix SAR Lab

Date: 08/12/2014

802.11n HT40_CH159(5795MHz)-chain 2 Top

DUT: WiFi Advisor

M/N:WFED-300AC

Communication System: UID 0, IEEE 802.11n HT40 WiFi 5.8GHz (0); Communication System Band: IEEE 802.11n HT40 WiFi 5.8GHz ; Frequency: 5795MHz; Communication System PAR: 0 dB; Medium parameters used: $f = 5795$ MHz; $\sigma = 5.912$ S/m; $\epsilon_r = 48.55$; $\rho = 1000$ kg/m³; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.84, 4.84, 4.84); Calibrated: 02/09/2014;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 07/02/2014
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/802.11n HT40_CH159(5795MHz)-chain 2 Top/Area Scan

(51x61x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.186 W/kg

Configuration/802.11n HT40_CH159(5795MHz)-chain 2 Top/Zoom Scan

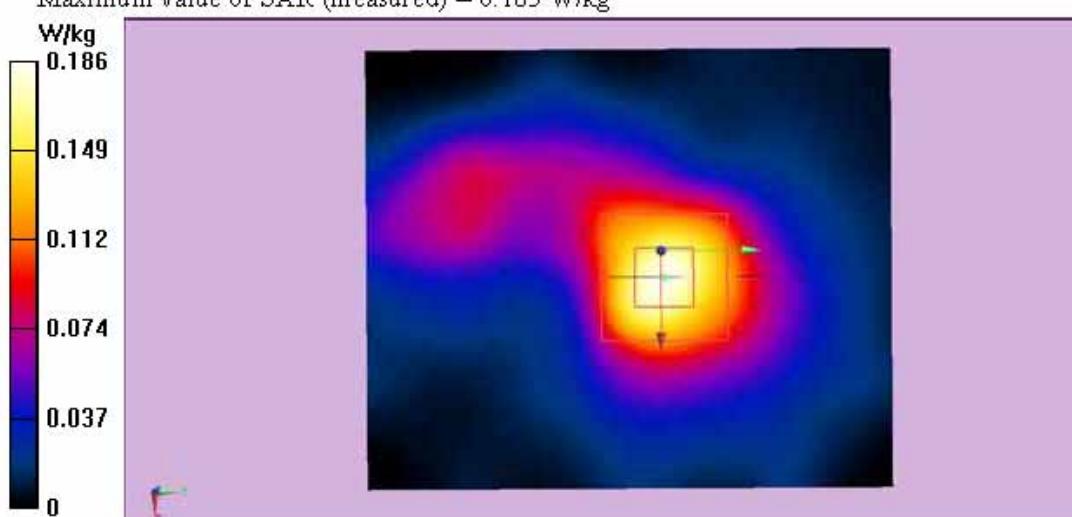
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.796 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.562 W/kg

SAR(1 g) = 0.171 W/kg; SAR(10 g) = 0.067 W/kg

Maximum value of SAR (measured) = 0.185 W/kg



Test Laboratory: Audix SAR Lab

Date: 08/12/2014

802.11n HT40_CH38(5190MHz)-chain 3 Back

DUT: WiFi Advisor

M/N:WFED-300AC

Communication System: UID 0, IEEE 802.11n HT40 WiFi 5.2GHz (0); Communication System Band: IEEE 802.11n HT40 WiFi 5.2GHz; Frequency: 5190 MHz; Communication System PAR: 0 dB; Medium parameters used: $f = 5190 \text{ MHz}$; $\sigma = 5.571 \text{ S/m}$; $\epsilon_r = 48.722$; $\rho = 1000 \text{ kg/m}^3$; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.92, 4.92, 4.92); Calibrated: 02/09/2014;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 07/02/2014
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/802.11n HT40_CH38(5190MHz)-chain 3 Back/Area Scan

(61x81x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.034 W/kg

Configuration/802.11n HT40_CH38(5190MHz)-chain 3 Back/Zoom Scan

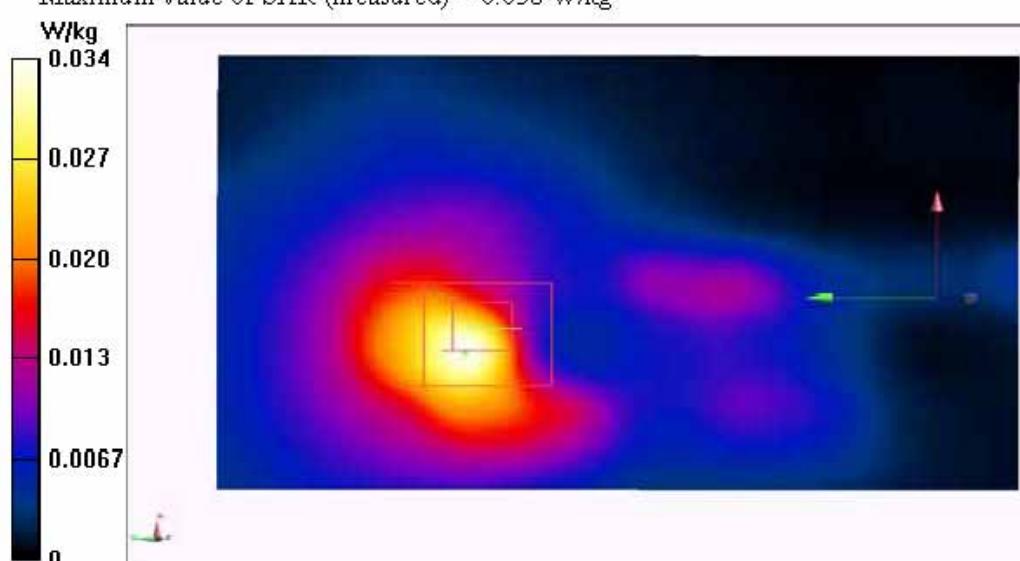
(5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 0.987 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.083 W/kg

SAR(1 g) = 0.064 W/kg; SAR(10 g) = 0.0269 W/kg

Maximum value of SAR (measured) = 0.058 W/kg



Test Laboratory: Audix SAR Lab

Date: 08/12/2014

802.11n HT40_CH38(5190MHz)-chain 3 Top

DUT: WiFi Advisor

M/N:WFED-300AC

Communication System: UID 0, IEEE 802.11n HT40 WiFi 5.2GHz (0); Communication System Band: IEEE 802.11n HT40 WiFi 5.2GHz; Frequency: 5190 MHz; Communication System PAR: 0 dB; Medium parameters used: $f = 5190 \text{ MHz}$; $\sigma = 5.571 \text{ S/m}$; $\epsilon_r = 48.722$; $\rho = 1000 \text{ kg/m}^3$; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.92, 4.92, 4.92); Calibrated: 02/09/2014;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 07/02/2014
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/802.11n HT40_CH38(5190MHz)-chain 3 Top/Area Scan

(61x81x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 1.19 W/kg

Configuration/802.11n HT40_CH38(5190MHz)-chain 3 Top/Zoom Scan

(5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.753 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.88 W/kg

SAR(1 g) = 0.907 W/kg; SAR(10 g) = 0.335 W/kg

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



Test Laboratory: Audix SAR Lab

Date: 08/12/2014

802.11n HT40_CH46(5230MHz)-chain 3 Back

DUT: WiFi Advisor

M/N:WFED-300AC

Communication System: UID 0, IEEE 802.11n HT40 WiFi 5.2GHz (0); Communication System Band: IEEE 802.11n HT40 WiFi 5.2GHz; Frequency: 5230 MHz; Communication System PAR: 0 dB; Medium parameters used: $f = 5230 \text{ MHz}$; $\sigma = 5.563 \text{ S/m}$; $\epsilon_r = 48.674$; $\rho = 1000 \text{ kg/m}^3$; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.92, 4.92, 4.92); Calibrated: 02/09/2014;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 07/02/2014
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/802.11n HT40_CH46(5230MHz)-chain 3 Back/Area Scan

(61x81x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 0.046 W/kg

Configuration/802.11n HT40_CH46(5230MHz)-chain 3 Back/Zoom Scan

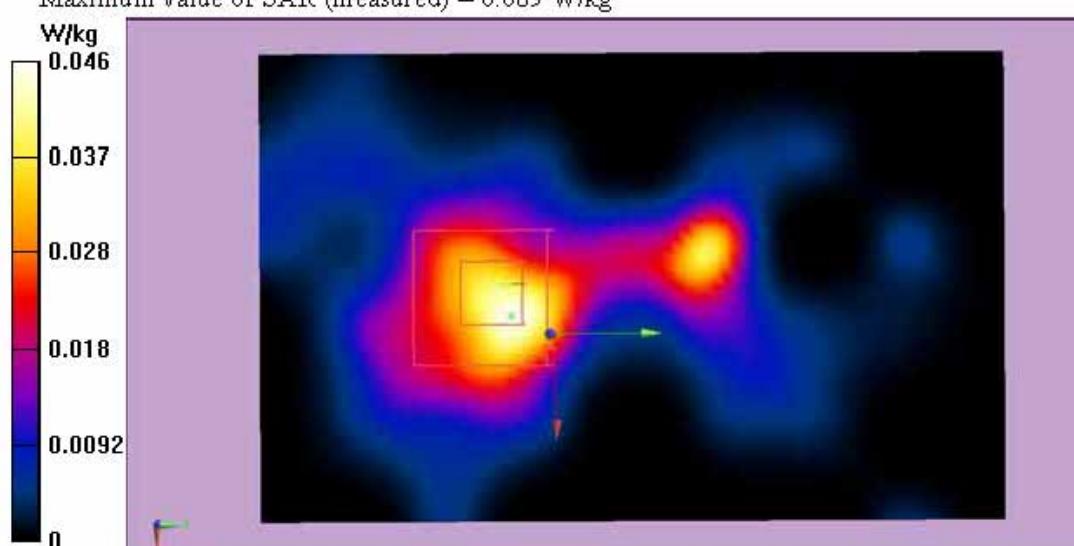
(5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 1.82 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.085 W/kg

SAR(1 g) = 0.045 W/kg; SAR(10 g) = 0.031 W/kg

Maximum value of SAR (measured) = 0.089 W/kg



Test Laboratory: Audix SAR Lab

Date: 08/12/2014

802.11n HT40_CH46(5230MHz)-chain 3 Top

DUT: WiFi Advisor

M/N:WFED-300AC

Communication System: UID 0, IEEE 802.11n HT40 WiFi 5.2GHz (0); Communication System Band: IEEE 802.11n HT40 WiFi 5.2GHz; Frequency: 5230 MHz; Communication System PAR: 0 dB; Medium parameters used: $f = 5230 \text{ MHz}$; $\sigma = 5.563 \text{ S/m}$; $\epsilon_r = 48.674$; $\rho = 1000 \text{ kg/m}^3$; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.92, 4.92, 4.92); Calibrated: 02/09/2014;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 07/02/2014
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/802.11n HT40_CH46(5230MHz)-chain 3 Top/Area Scan

(61x81x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

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

Configuration/802.11n HT40_CH46(5230MHz)-chain 3 Top/Zoom Scan

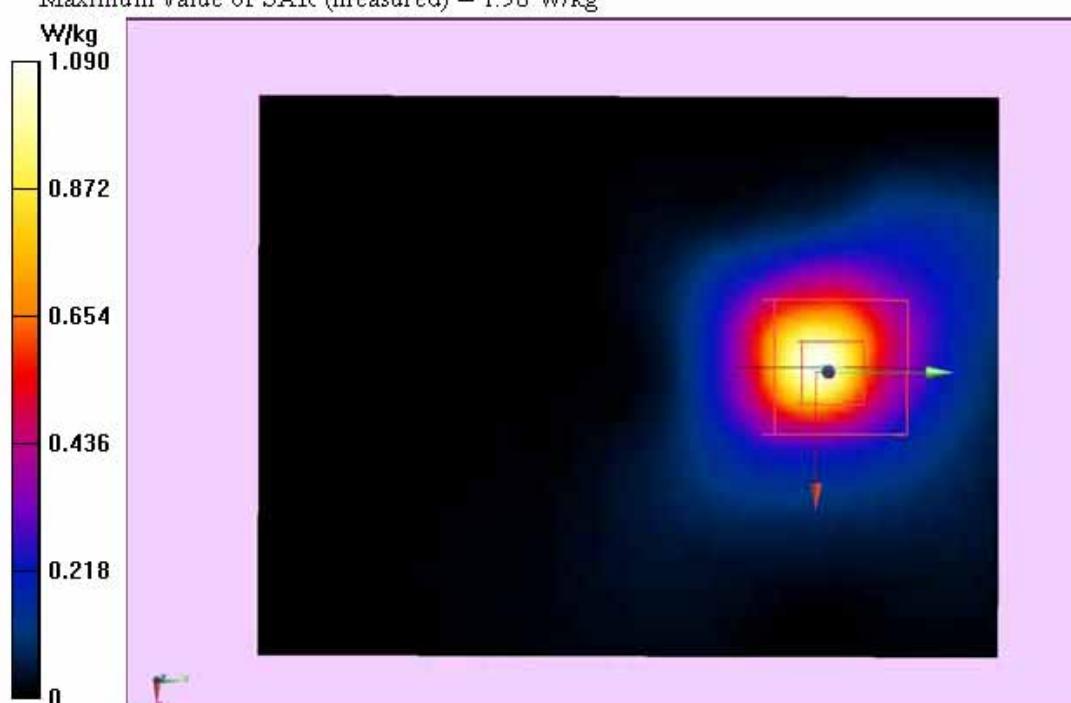
(5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 5.863 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 2.55 W/kg

SAR(1 g) = 0.916 W/kg; SAR(10 g) = 0.357 W/kg

Maximum value of SAR (measured) = 1.98 W/kg



Test Laboratory: Audix SAR Lab

Date: 08/12/2014

802.11n HT40_CH151(5755MHz)-chain 3 Back

DUT: WiFi Advisor

M/N:WFED-300AC

Communication System: UID 0, IEEE 802.11n HT40 WiFi 5.8GHz (0); Communication System Band: IEEE 802.11n HT40 WiFi 5.8GHz ; Frequency: 5755MHz; Communication System PAR: 0 dB; Medium parameters used: $f = 5755$ MHz; $\sigma = 5.866$ S/m; $\epsilon_r = 48.71$; $\rho = 1000$ kg/m³; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.84, 4.84, 4.84); Calibrated: 02/09/2014;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 07/02/2014
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/802.11n HT40_CH151(5755MHz)-chain 3 Back/Area Scan

(81x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.044 W/kg

Configuration/802.11n HT40_CH151(5755MHz)-chain 3 Back/Zoom Scan

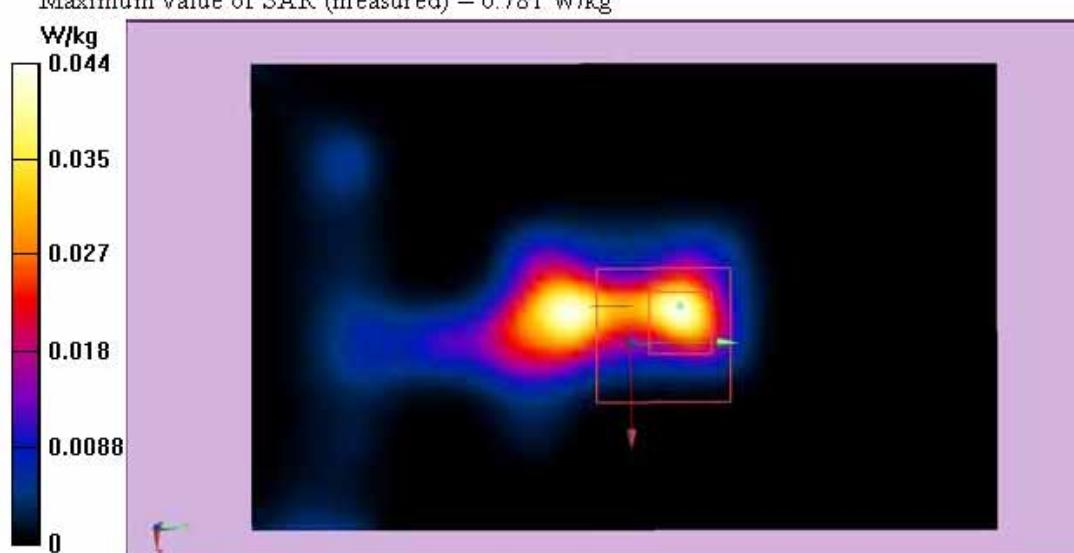
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.634 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.852 W/kg

SAR(1 g) = 0.038 W/kg; SAR(10 g) = 0.027 W/kg

Maximum value of SAR (measured) = 0.781 W/kg



Test Laboratory: Audix SAR Lab

Date: 08/12/2014

802.11n HT40_CH151(5755MHz)-chain 3 Top

DUT: WiFi Advisor

M/N:WFED-300AC

Communication System: UID 0, IEEE 802.11n HT40 WiFi 5.8GHz (0); Communication System Band: IEEE 802.11n HT40 WiFi 5.8GHz ; Frequency: 5755MHz; Communication System PAR: 0 dB; Medium parameters used: $f = 5755$ MHz; $\sigma = 5.866$ S/m; $\epsilon_r = 48.71$; $\rho = 1000$ kg/m³; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.84, 4.84, 4.84); Calibrated: 02/09/2014;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 07/02/2014
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/802.11n HT40_CH151(5755MHz)-chain 3 Top/Area Scan

(81x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 2.670 W/kg

Configuration/802.11n HT40_CH151(5755MHz)-chain 3 Top/Zoom Scan

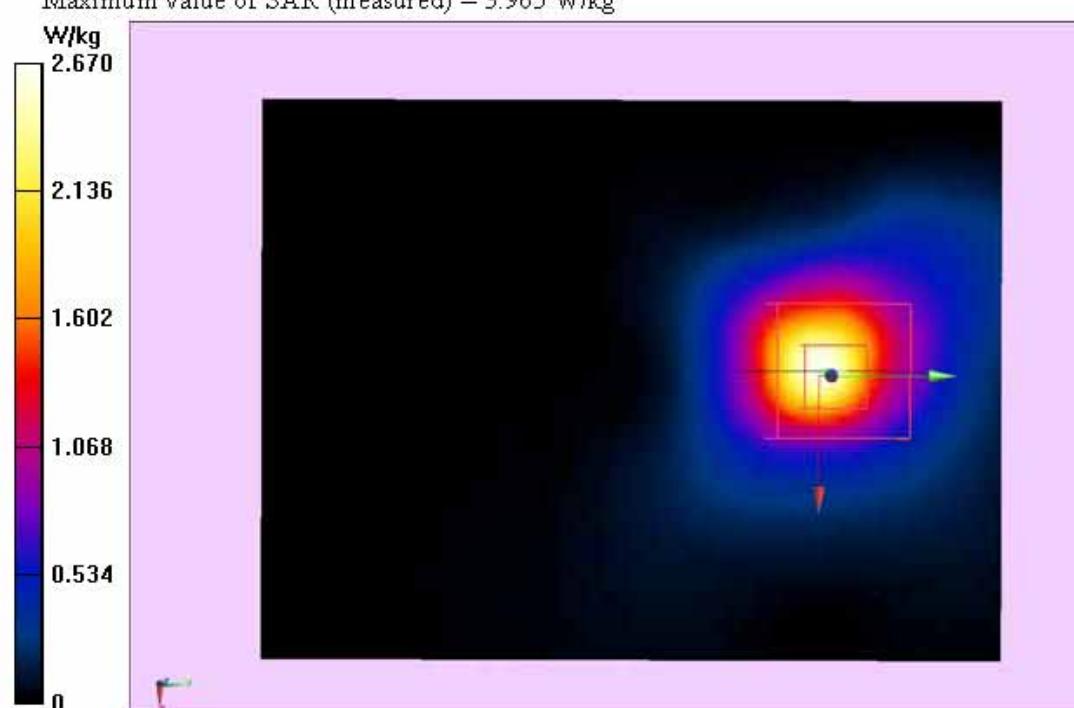
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 8.917 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 4.866 W/kg

SAR(1 g) = 0.984 W/kg; SAR(10 g) = 0.512 W/kg

Maximum value of SAR (measured) = 3.965 W/kg



Test Laboratory: Audix SAR Lab

Date: 08/12/2014

802.11n HT40_CH159(5795MHz)-chain 3 Back

DUT: WiFi Advisor

M/N:WFED-300AC

Communication System: UID 0, IEEE 802.11n HT40 WiFi 5.8GHz (0); Communication System Band: IEEE 802.11n HT40 WiFi 5.8GHz ; Frequency: 5795MHz; Communication System PAR: 0 dB; Medium parameters used: $f = 5795$ MHz; $\sigma = 5.912$ S/m; $\epsilon_r = 48.55$; $\rho = 1000$ kg/m³; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.84, 4.84, 4.84); Calibrated: 02/09/2014;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 07/02/2014
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/802.11n HT40_CH159(5795MHz)-chain 3 Back/Area Scan

(81x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 0.0521 W/kg

Configuration/802.11n HT40_CH159(5795MHz)-chain 3 Back/Zoom Scan

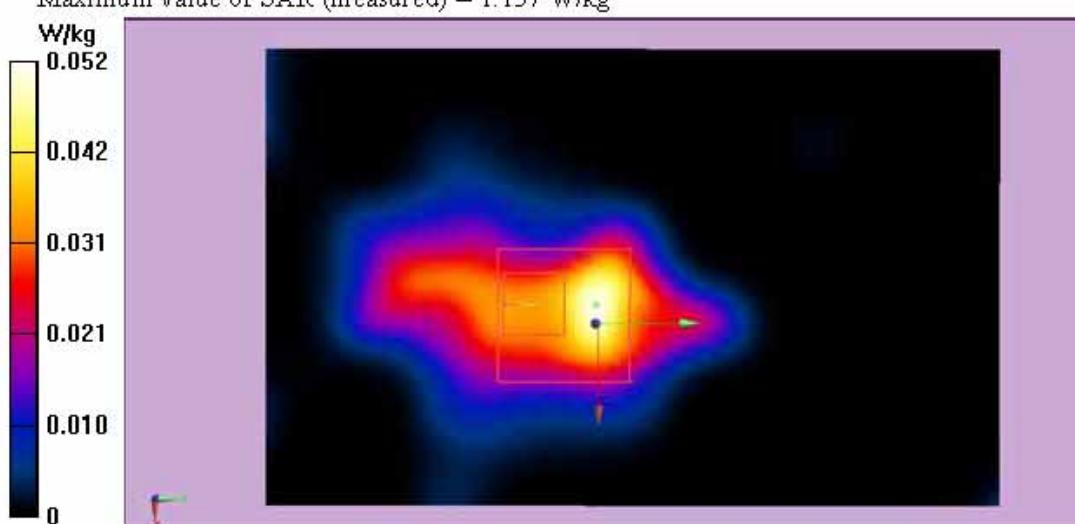
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.378 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.024 W/kg

SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.031 W/kg

Maximum value of SAR (measured) = 1.137 W/kg



Test Laboratory: Audix SAR Lab

Date: 08/12/2014

802.11n HT40_CH159(5795MHz)-chain 3 Top

DUT: WiFi Advisor

M/N:WFED-300AC

Communication System: UID 0, IEEE 802.11n HT40 WiFi 5.8GHz (0); Communication System Band: IEEE 802.11n HT40 WiFi 5.8GHz ; Frequency: 5795MHz; Communication System PAR: 0 dB; Medium parameters used: $f = 5795$ MHz; $\sigma = 5.912$ S/m; $\epsilon_r = 48.55$; $\rho = 1000$ kg/m³; Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN3976; ConvF(4.84, 4.84, 4.84); Calibrated: 02/09/2014;
- Modulation Compensation:
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn899; Calibrated: 07/02/2014
- Phantom: ELI 4.0; Type: QDOVA001BA; Serial: 1112
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Configuration/802.11n HT40_CH159(5795MHz)-chain 3 Top/Area Scan

(81x91x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.57 W/kg

Configuration/802.11n HT40_CH159(5795MHz)-chain 3 Top/Zoom Scan

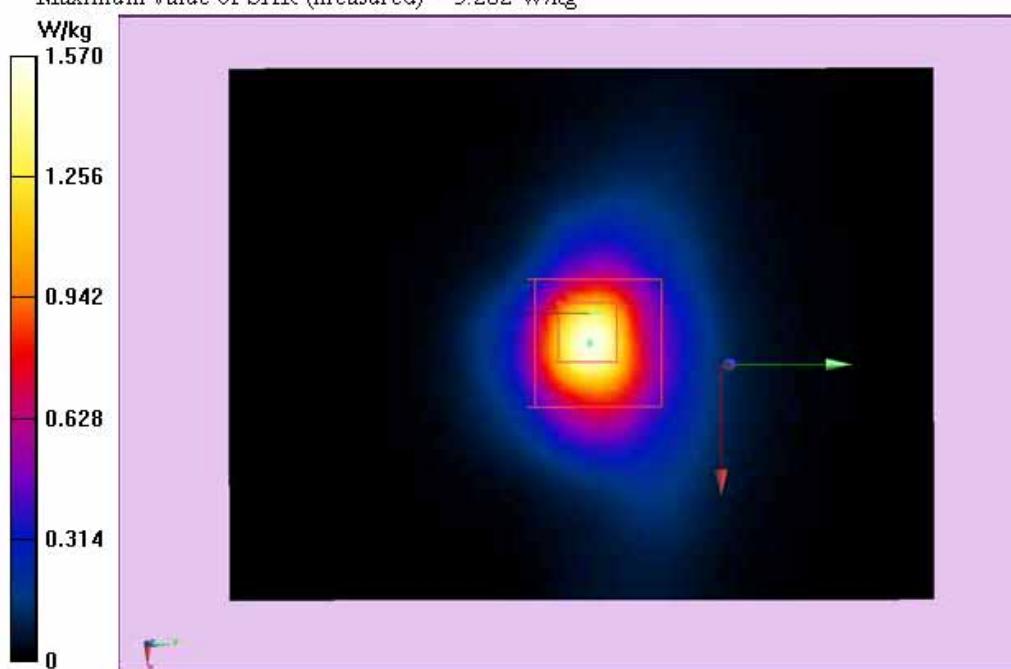
(5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 7.03 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 3.854 W/kg

SAR(1 g) = 0.847 W/kg; SAR(10 g) = 0.413 W/kg

Maximum value of SAR (measured) = 3.282 W/kg



10. ANNEX C: DASY CABLIBRATION CERTIFICATE

Schmid & Partner Engineering AG

s p e a g

Zeughausstrasse 43, 8004 Zurich, Switzerland
Phone +41 44 245 9700, Fax +41 44 245 9779
info@speag.com, http://www.speag.com

IMPORTANT NOTICE

USAGE OF THE DAE 4

The DAE unit is a delicate, high precision instrument and requires careful treatment by the user. There are no serviceable parts inside the DAE. Special attention shall be given to the following points:

Battery Exchange: The battery cover of the DAE4 unit is closed using a screw, over tightening the screw may cause the threads inside the DAE to wear out.

Shipping of the DAE: Before shipping the DAE to SPEAG for calibration, remove the batteries and pack the DAE in an antistatic bag. This antistatic bag shall then be packed into a larger box or container which protects the DAE from impacts during transportation. The package shall be marked to indicate that a fragile instrument is inside.

E-Stop Failures: Touch detection may be malfunctioning due to broken magnets in the E-stop. Rough handling of the E-stop may lead to damage of these magnets. Touch and collision errors are often caused by dust and dirt accumulated in the E-stop. To prevent E-stop failure, the customer shall always mount the probe to the DAE carefully and keep the DAE unit in a non-dusty environment if not used for measurements.

Repair: Minor repairs are performed at no extra cost during the annual calibration. However, SPEAG reserves the right to charge for any repair especially if rough unprofessional handling caused the defect.

DASY Configuration Files: Since the exact values of the DAE input resistances, as measured during the calibration procedure of a DAE unit, are not used by the DASY software, a nominal value of 200 MΩ is given in the corresponding configuration file.

Important Note:

Warranty and calibration is void if the DAE unit is disassembled partly or fully by the Customer.

Important Note:

Never attempt to grease or oil the E-stop assembly. Cleaning and readjusting of the E-stop assembly is allowed by certified SPEAG personnel only and is part of the annual calibration procedure.

Important Note:

To prevent damage of the DAE probe connector pins, use great care when installing the probe to the DAE. Carefully connect the probe with the connector notch oriented in the mating position. Avoid any rotational movement of the probe body versus the DAE while turning the locking nut of the connector. The same care shall be used when disconnecting the probe from the DAE.

Schmid & Partner Engineering

TN_BR040315AD DAE4.doc

11.12.2009

Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland



S Schweizerischer Kalibrierdienst
C Service suisse d'étalonnage
S Servizio svizzero di taratura
S Swiss Calibration Service

Accredited by the Swiss Accreditation Service (SAS)
The Swiss Accreditation Service is one of the signatories to the EA
Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: SCS 108

Client Audix-CN (Audix)

Certificate No: DAE4-899_Feb14

CALIBRATION CERTIFICATE

Object DAE4 - SD 000 D04 BJ - SN: 899

Calibration procedure(s) QA CAL-06.v26
Calibration procedure for the data acquisition electronics (DAE)

Calibration date: February 07, 2014

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).
The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature $(22 \pm 3)^\circ\text{C}$ and humidity $< 70\%$.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID #	Cal Date (Certificate No.)	Scheduled Calibration
Keithley Multimeter Type 2001	SN: 0810278	01-Oct-13 (No:13976)	Oct-14
Secondary Standards	ID #	Check Date (in house)	Scheduled Check
Auto DAE Calibration Unit Calibrator Box V2.1	SE UWS 053 AA 1001 SE UMS 006 AA 1002	07-Jan-14 (in house check) 07-Jan-14 (in house check)	In house check: Jan-15 In house check: Jan-15

Calibrated by: Name: Dominique Steffen Function: Technician Signature:

Approved by: Name: Fin Bornholt Function: Deputy Technical Manager Signature:

Issued: February 7, 2014

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.