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Test Laboratory: Compliance Certification Services Inc.

Date: 3/8/2017

**WiFi 802.11b -Body Rear CH11**

**DUT: YI 4K+ Action Camera; Type: YAS.1817; Serial: N/A**

Communication System: UID 0, IEEE 802.11b (0); Communication System Band: ISM 2.4GHz Band;

Frequency: 2462 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 2462 \text{ MHz}$ ;  $\sigma = 1.966 \text{ S/m}$ ;  $\epsilon_r = 51.784$ ;  $\rho = 1000 \text{ kg/m}^3$

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.07, 7.07, 7.07); Calibrated: 7/27/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/26/2016
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS2 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**WiFi/Body Bottom CH11/Area Scan (9x10x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.320 W/kg

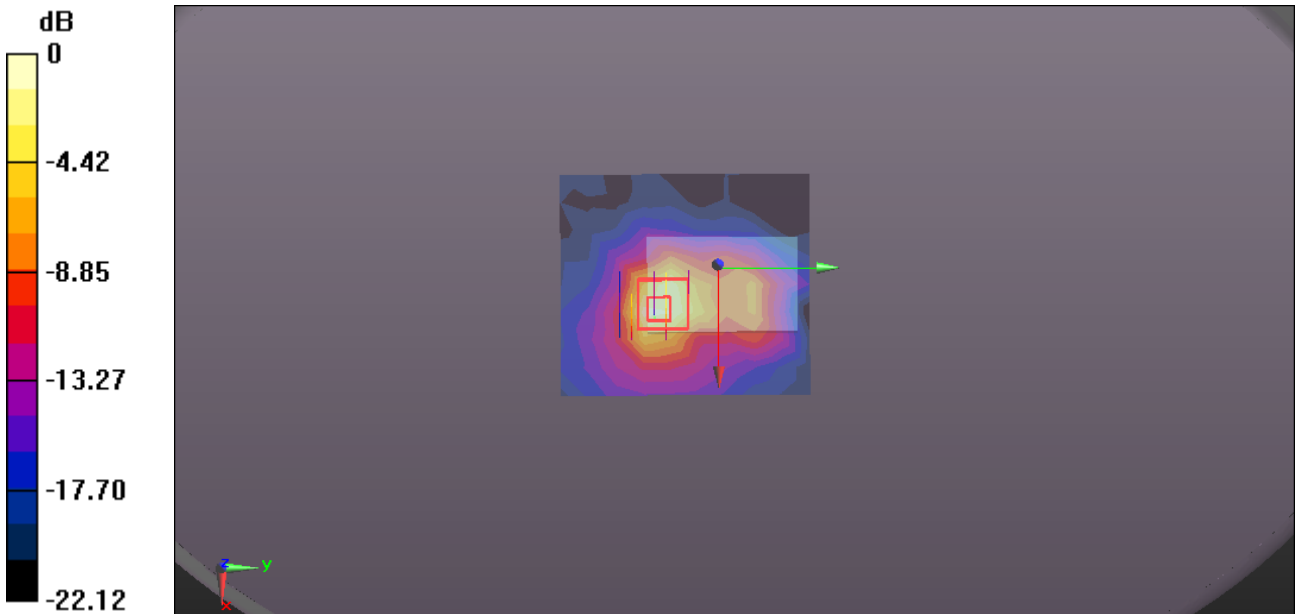
**WiFi/Body Bottom CH11/Zoom Scan (7x7x5)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.627 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.526 W/kg

**SAR(1 g) = 0.263 W/kg; SAR(10 g) = 0.126 W/kg**

Maximum value of SAR (measured) = 0.381 W/kg



0 dB = 0.381 W/kg = -4.19 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 3/8/2017

**WiFi 802.11b -Body Right CH6**

**DUT: YI 4K+ Action Camera; Type: YAS.1817; Serial: N/A**

Communication System: UID 0, IEEE 802.11b (0); Communication System Band: ISM 2.4GHz Band;

Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.942$  S/m;  $\epsilon_r = 51.839$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.07, 7.07, 7.07); Calibrated: 7/27/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/26/2016
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**WiFi/Body Right CH6/Area Scan (9x9x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.880 W/kg

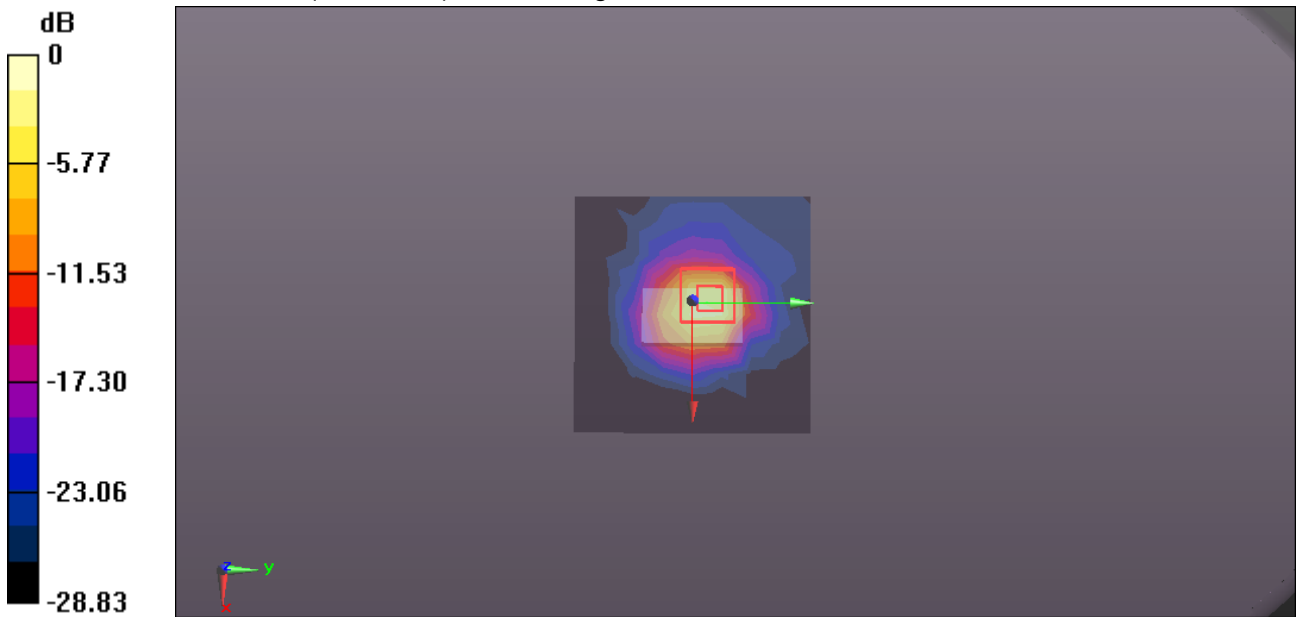
**WiFi/Body Right CH6/Zoom Scan (7x7x5)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.09 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.71 W/kg

**SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.364 W/kg**

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



0 dB = 1.80 W/kg = 2.55 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 3/8/2017

**WiFi 802.11b -Body Right CH11**

**DUT: YI 4K+ Action Camera; Type: YAS.1817; Serial: N/A**

Communication System: UID 0, IEEE 802.11b (0); Communication System Band: ISM 2.4GHz Band;

Frequency: 2462 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.966$  S/m;  $\epsilon_r = 51.784$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.07, 7.07, 7.07); Calibrated: 7/27/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/26/2016
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS2 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**WiFi/Body Right CH11/Area Scan (9x9x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.02 W/kg

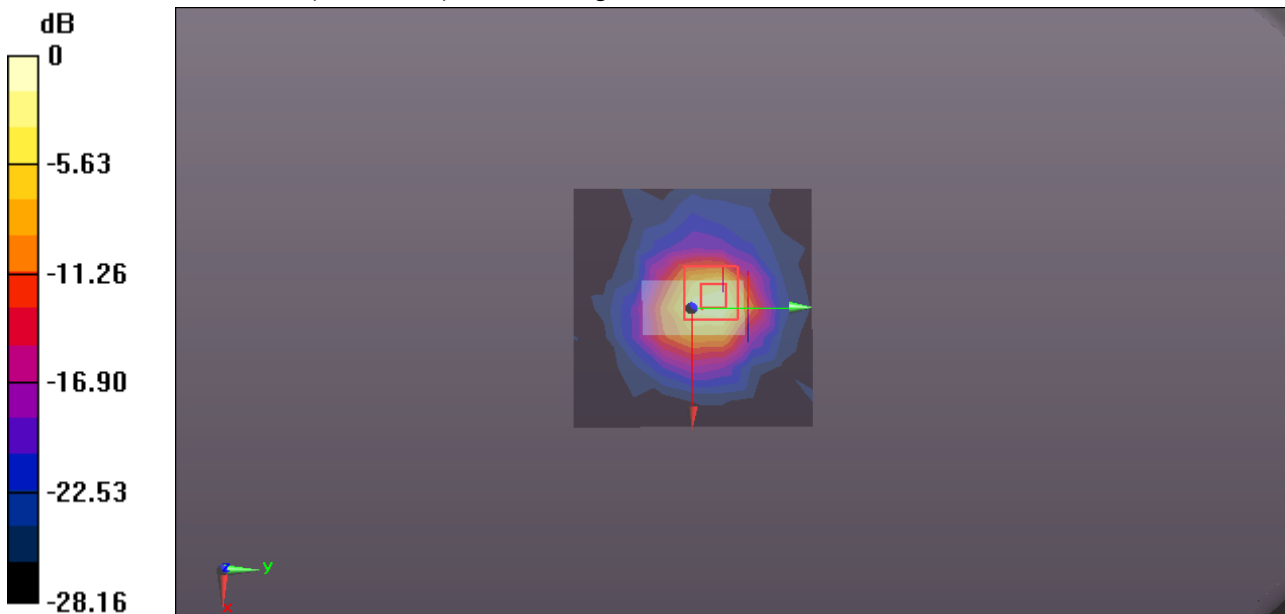
**WiFi/Body Right CH11/Zoom Scan (7x7x5)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.08 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 2.41 W/kg

**SAR(1 g) = 0.927 W/kg; SAR(10 g) = 0.324 W/kg**

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



0 dB = 1.50 W/kg = 1.76 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 3/8/2017

**WiFi 802.11b -Body Bottom CH11**

**DUT: YI 4K+ Action Camera; Type: YAS.1817; Serial: N/A**

Communication System: UID 0, IEEE 802.11b (0); Communication System Band: ISM 2.4GHz Band;

Frequency: 2462 MHz;Duty Cycle: 1:1

Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.966$  S/m;  $\epsilon_r = 51.784$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.07, 7.07, 7.07); Calibrated: 7/27/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/26/2016
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**WiFi/Body Bottom CH11/Area Scan (10x11x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.361 W/kg

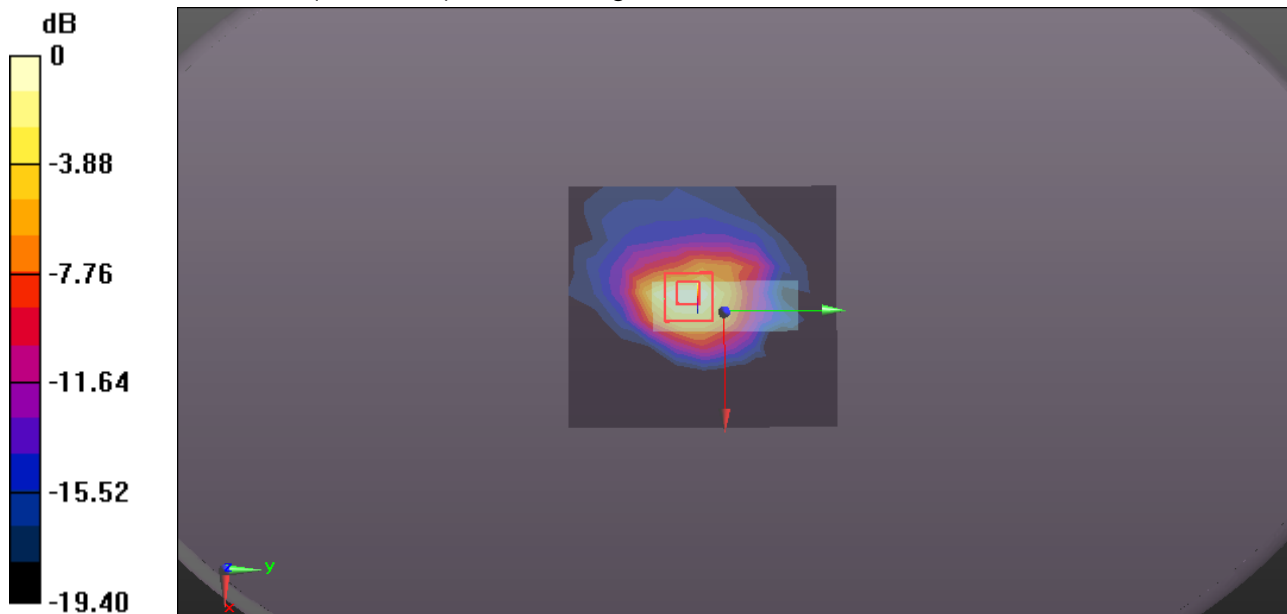
**WiFi/Body Bottom CH11/Zoom Scan (7x7x5)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.131 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.548 W/kg

**SAR(1 g) = 0.251 W/kg; SAR(10 g) = 0.120 W/kg**

Maximum value of SAR (measured) = 0.370 W/kg



0 dB = 0.370 W/kg = -4.32 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 3/8/2017

**WiFi 802.11b -Body Right CH6 repeat**

**DUT: YI 4K+ Action Camera; Type: YAS.1817; Serial: N/A**

Communication System: UID 0, IEEE 802.11b (0); Communication System Band: ISM 2.4GHz Band;

Frequency: 2437 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 2437 \text{ MHz}$ ;  $\sigma = 1.942 \text{ S/m}$ ;  $\epsilon_r = 51.839$ ;  $\rho = 1000 \text{ kg/m}^3$

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(7.07, 7.07, 7.07); Calibrated: 7/27/2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/26/2016
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**WiFi/Body Right CH6 repeat/Area Scan (9x9x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.816 W/kg

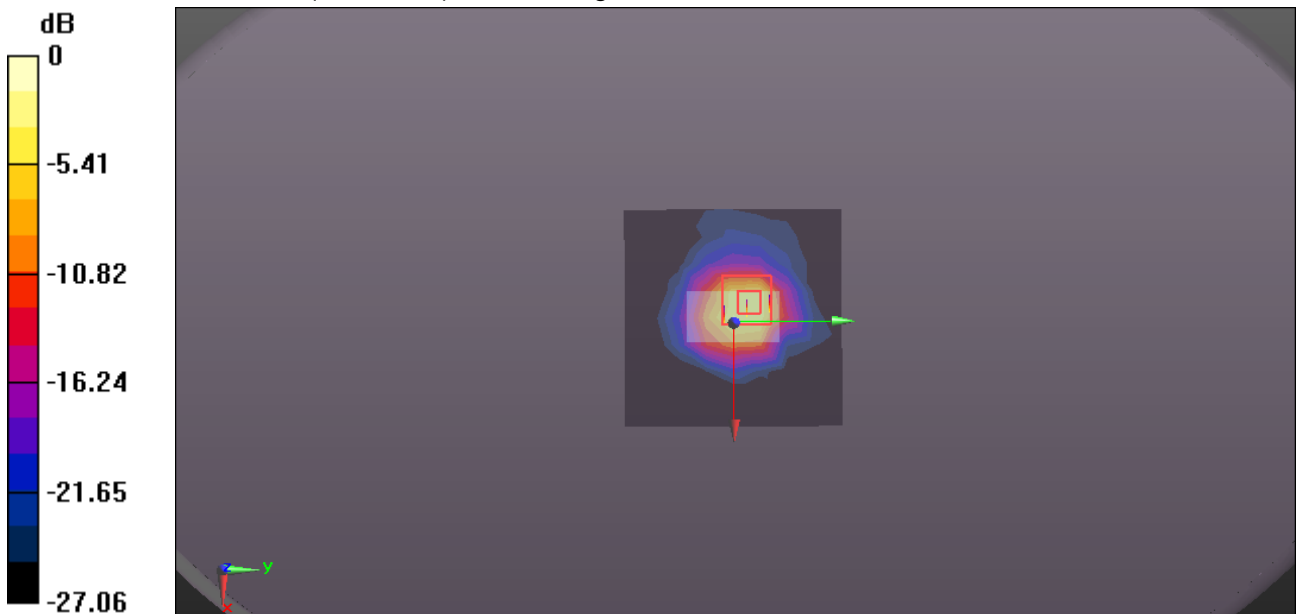
**WiFi/Body Right CH6 repeat/Zoom Scan (7x7x5)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.97 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 2.66 W/kg

**SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.362 W/kg**

Maximum value of SAR (measured) = 1.82 W/kg



0 dB = 1.82 W/kg = 2.60 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 3/9/2017

**Wifi 802.11a - Body Rear CH40**

**DUT: YI 4K+ Action Camera; Type: YAS.1817; Serial: N/A**

Communication System: UID 0, IEEE 802.11 a (0); Communication System Band: 5G Band I; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5200 \text{ MHz}$ ;  $\sigma = 5.234 \text{ S/m}$ ;  $\epsilon_r = 48.689$ ;  $\rho = 1000 \text{ kg/m}^3$

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DAS5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(4.77, 4.77, 4.77); Calibrated: 7/27/2016;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/26/2016
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**WIFI Chain0/IEEE802.11a Body Rear CH40/Area Scan (9x13x1):** Measurement grid: dx=10mm, dy=10mm

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

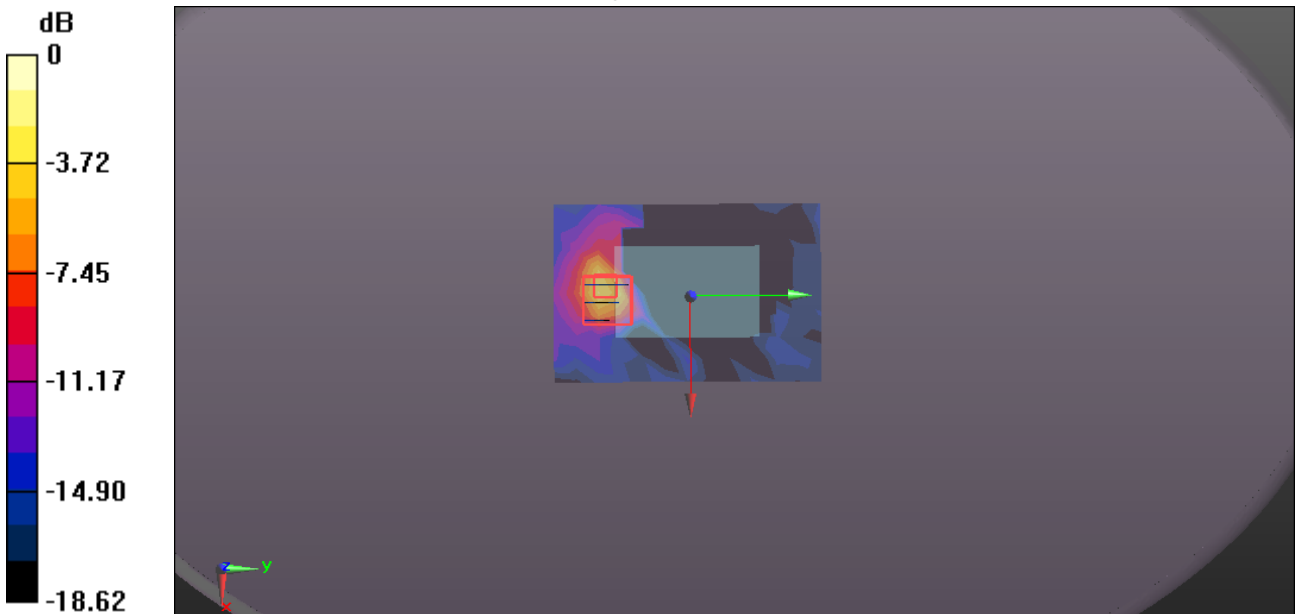
**WIFI Chain0/IEEE802.11a Body Rear CH40/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.211 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 0.460 W/kg

**SAR(1 g) = 0.104 W/kg; SAR(10 g) = 0.022 W/kg**

Maximum value of SAR (measured) = 0.299 W/kg



0 dB = 0.299 W/kg = -5.24 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 3/9/2017

**Wifi 802.11a - Body Rear CH165**

**DUT: YI 4K+ Action Camera; Type: YAS.1817; Serial: N/A**

Communication System: UID 0, IEEE 802.11 a (0); Communication System Band: 5G Band IV;

Frequency: 5825 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5825 \text{ MHz}$ ;  $\sigma = 6.003 \text{ S/m}$ ;  $\epsilon_r = 47.969$ ;  $\rho = 1000 \text{ kg/m}^3$

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DAS5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(4.34, 4.34, 4.34); Calibrated: 7/27/2016;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/26/2016
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DAS52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**WIFI Chain0/IEEE802.11a Body Rear CH165/Area Scan (9x13x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.173 W/kg

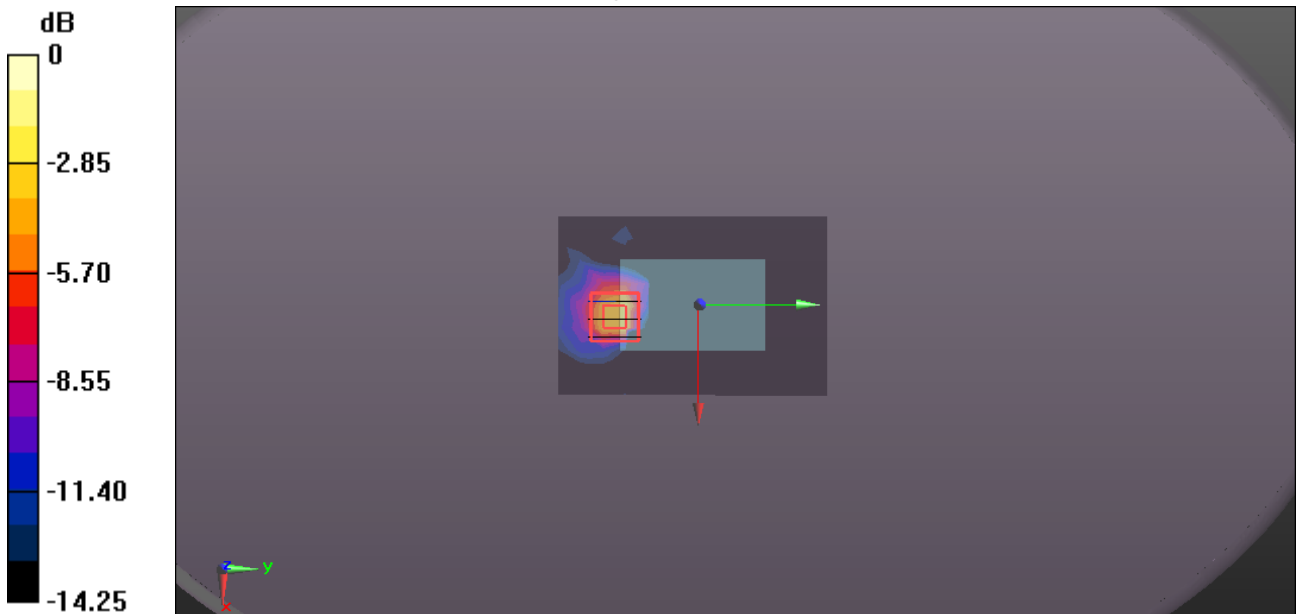
**WIFI Chain0/IEEE802.11a Body Rear CH165/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.9512 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.505 W/kg

**SAR(1 g) = 0.097 W/kg; SAR(10 g) = 0.026 W/kg**

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



0 dB = 0.324 W/kg = -4.89 dBW/kg



Test Laboratory: Compliance Certification Services Inc.

Date: 3/9/2017

**Wifi 802.11a - Body Right CH36**

**DUT: YI 4K+ Action Camera; Type: YAS.1817; Serial: N/A**

Communication System: UID 0, IEEE 802.11 a (0); Communication System Band: 5G Band I; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5180 \text{ MHz}$ ;  $\sigma = 5.284 \text{ S/m}$ ;  $\epsilon_r = 48.607$ ;  $\rho = 1000 \text{ kg/m}^3$

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(4.77, 4.77, 4.77); Calibrated: 7/27/2016;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/26/2016
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**WIFI Chain0/IEEE802.11a Body Right CH36/Area Scan (13x13x1):** Measurement grid: dx=10mm, dy=10mm

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

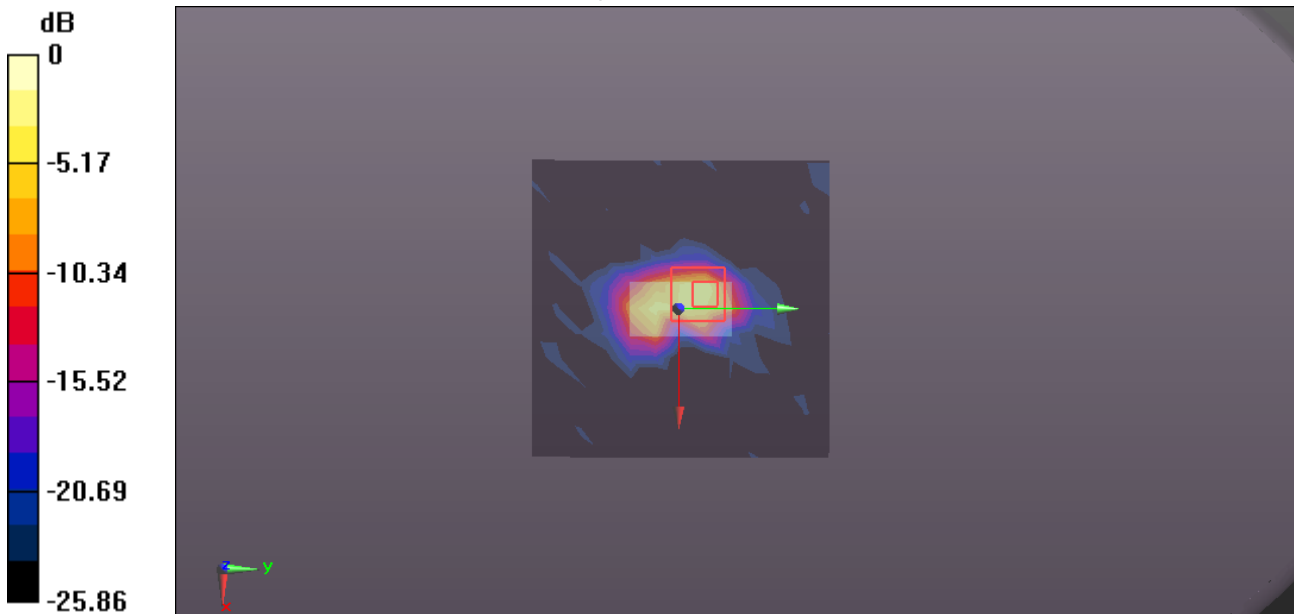
**WIFI Chain0/IEEE802.11a Body Right CH36/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 12.65 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 5.59 W/kg

**SAR(1 g) = 0.984 W/kg; SAR(10 g) = 0.218 W/kg**

Maximum value of SAR (measured) = 2.63 W/kg



0 dB = 2.63 W/kg = 4.20 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 3/9/2017

**Wifi 802.11a - Body Right CH40**

**DUT: YI 4K+ Action Camera; Type: YAS.1817; Serial: N/A**

Communication System: UID 0, IEEE 802.11 a (0); Communication System Band: 5G Band I; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5200 \text{ MHz}$ ;  $\sigma = 5.234 \text{ S/m}$ ;  $\epsilon_r = 48.689$ ;  $\rho = 1000 \text{ kg/m}^3$

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASy5 (IEEE/IEC/ANSI C63.19-2007)

DASy Configuration:

- Probe: EX3DV4 - SN3798; ConvF(4.77, 4.77, 4.77); Calibrated: 7/27/2016;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/26/2016
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASy52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**WIFI Chain0/IEEE802.11a Body Right CH40 /Area Scan (13x13x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.61 W/kg

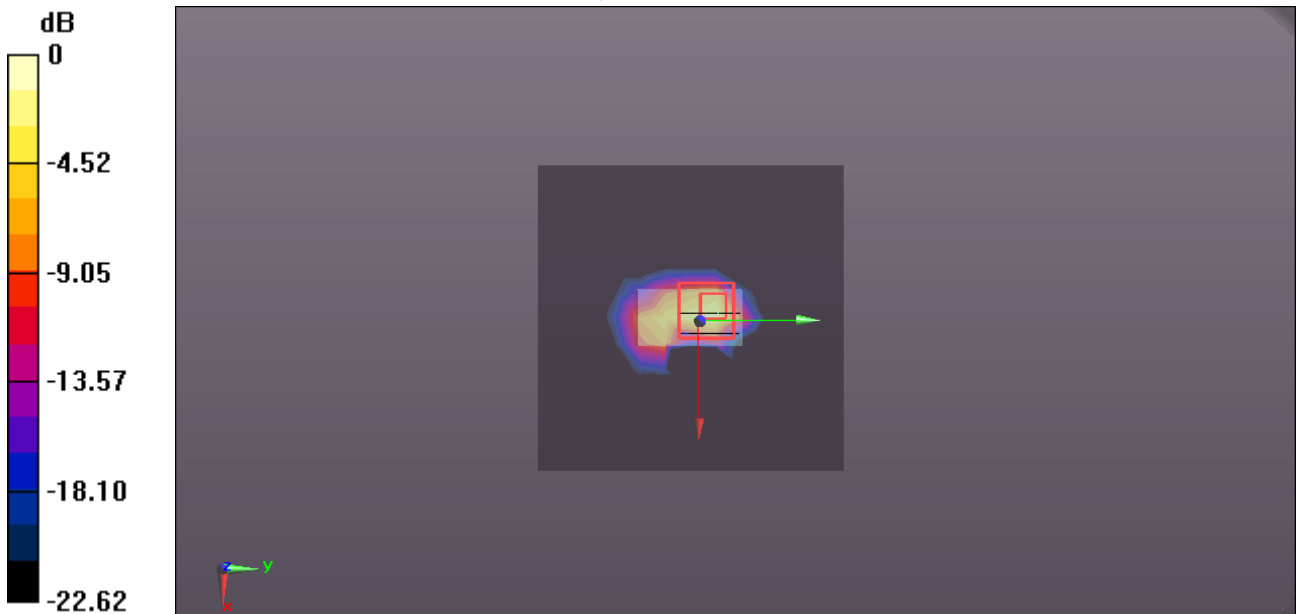
**WIFI Chain0/IEEE802.11a Body Right CH40 /Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 14.59 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 5.71 W/kg

**SAR(1 g) = 0.941 W/kg; SAR(10 g) = 0.216 W/kg**

Maximum value of SAR (measured) = 2.62 W/kg



0 dB = 2.62 W/kg = 4.18 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 3/9/2017

**Wifi 802.11a - Body Right CH157**

**DUT: YI 4K+ Action Camera; Type: YAS.1817; Serial: N/A**

Communication System: UID 0, IEEE 802.11 a (0); Communication System Band: 5G Band IV;

Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5785 \text{ MHz}$ ;  $\sigma = 6.055 \text{ S/m}$ ;  $\epsilon_r = 47.434$ ;  $\rho = 1000 \text{ kg/m}^3$

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASy5 (IEEE/IEC/ANSI C63.19-2007)

DASy Configuration:

- Probe: EX3DV4 - SN3798; ConvF(4.34, 4.34, 4.34); Calibrated: 7/27/2016;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/26/2016
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASy52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**WIFI Chain0/IEEE802.11a Body Right CH157 /Area Scan (13x13x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.53 W/kg

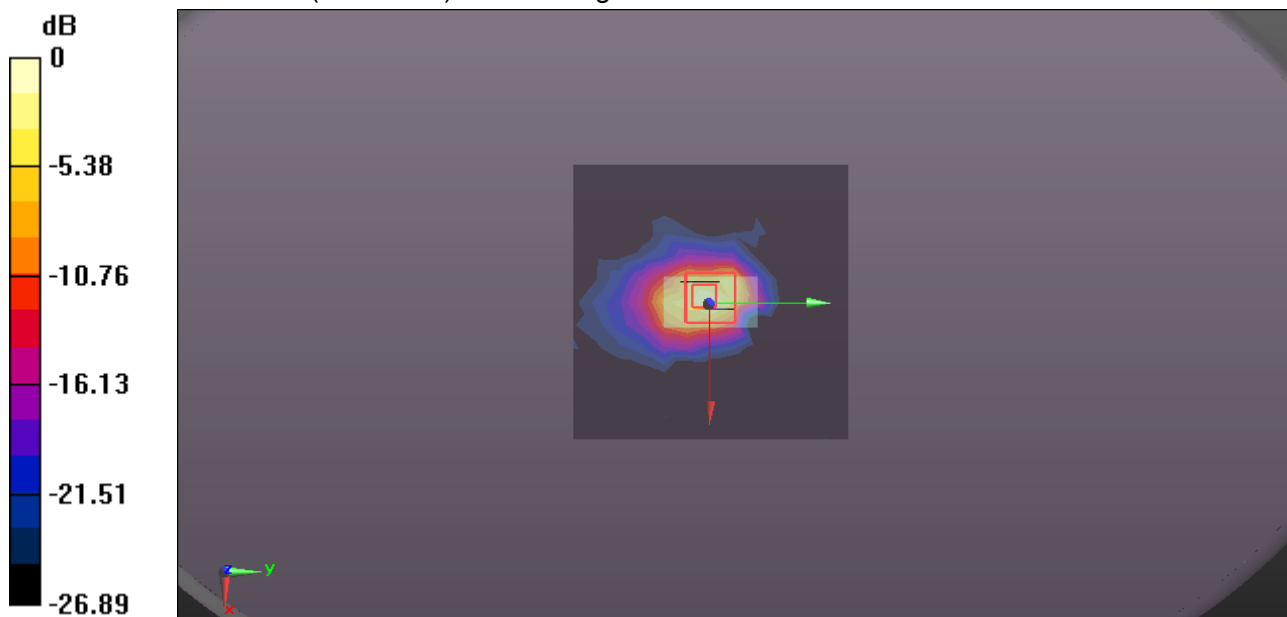
**WIFI Chain0/IEEE802.11a Body Right CH157 /Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 19.23 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 7.45 W/kg

**SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.320 W/kg**

Maximum value of SAR (measured) = 3.35 W/kg



0 dB = 3.35 W/kg = 5.25 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 3/9/2017

**Wifi 802.11a - Body Right CH165**

**DUT: YI 4K+ Action Camera; Type: YAS.1817; Serial: N/A**

Communication System: UID 0, IEEE 802.11 a (0); Communication System Band: 5G Band IV;

Frequency: 5825 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5825 \text{ MHz}$ ;  $\sigma = 6.003 \text{ S/m}$ ;  $\epsilon_r = 47.969$ ;  $\rho = 1000 \text{ kg/m}^3$

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(4.34, 4.34, 4.34); Calibrated: 7/27/2016;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/26/2016
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**WIFI Chain0/IEEE802.11a Body Right CH165 /Area Scan (13x13x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.13 W/kg

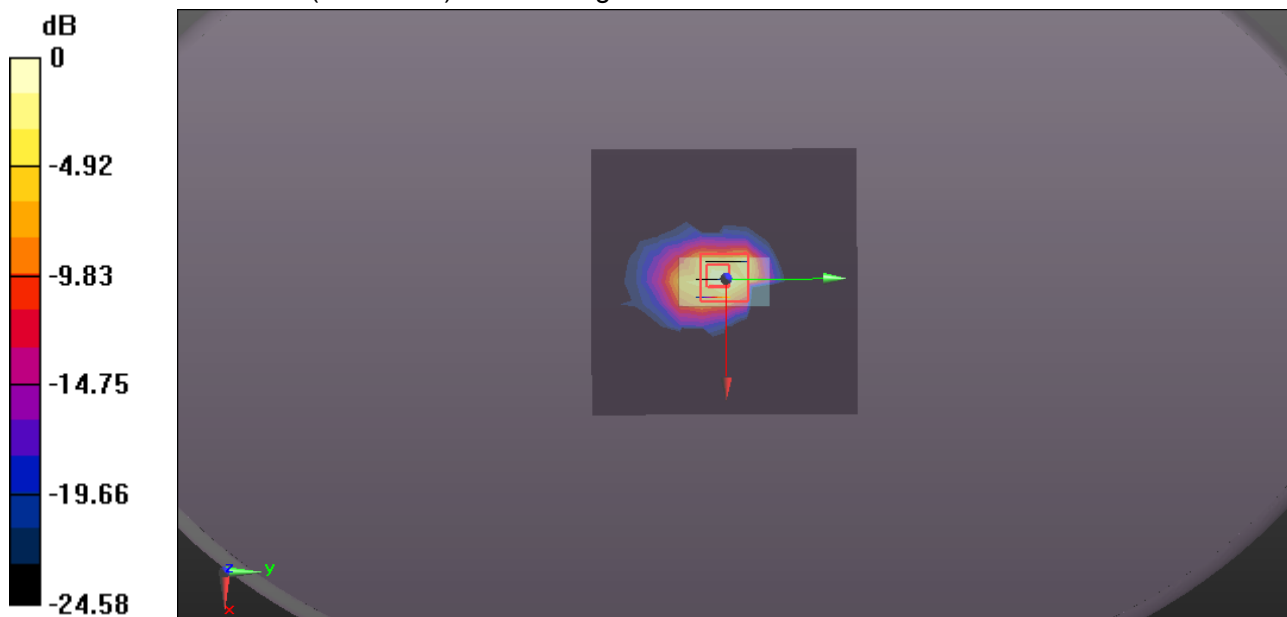
**WIFI Chain0/IEEE802.11a Body Right CH165 /Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 17.19 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 6.47 W/kg

**SAR(1 g) = 0.961 W/kg; SAR(10 g) = 0.277 W/kg**

Maximum value of SAR (measured) = 2.68 W/kg



0 dB = 2.68 W/kg = 4.28 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 3/9/2017

**Wifi 802.11a - Body Bottom CH40**

**DUT: YI 4K+ Action Camera; Type: YAS.1817; Serial: N/A**

Communication System: UID 0, IEEE 802.11 a (0); Communication System Band: 5G Band I; Frequency: 5200 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5200 \text{ MHz}$ ;  $\sigma = 5.234 \text{ S/m}$ ;  $\epsilon_r = 48.689$ ;  $\rho = 1000 \text{ kg/m}^3$

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASy5 (IEEE/IEC/ANSI C63.19-2007)

DASy Configuration:

- Probe: EX3DV4 - SN3798; ConvF(4.77, 4.77, 4.77); Calibrated: 7/27/2016;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/26/2016
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASy52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**WIFI Chain0/IEEE802.11a Body Bottom CH40/Area Scan (9x13x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.468 W/kg

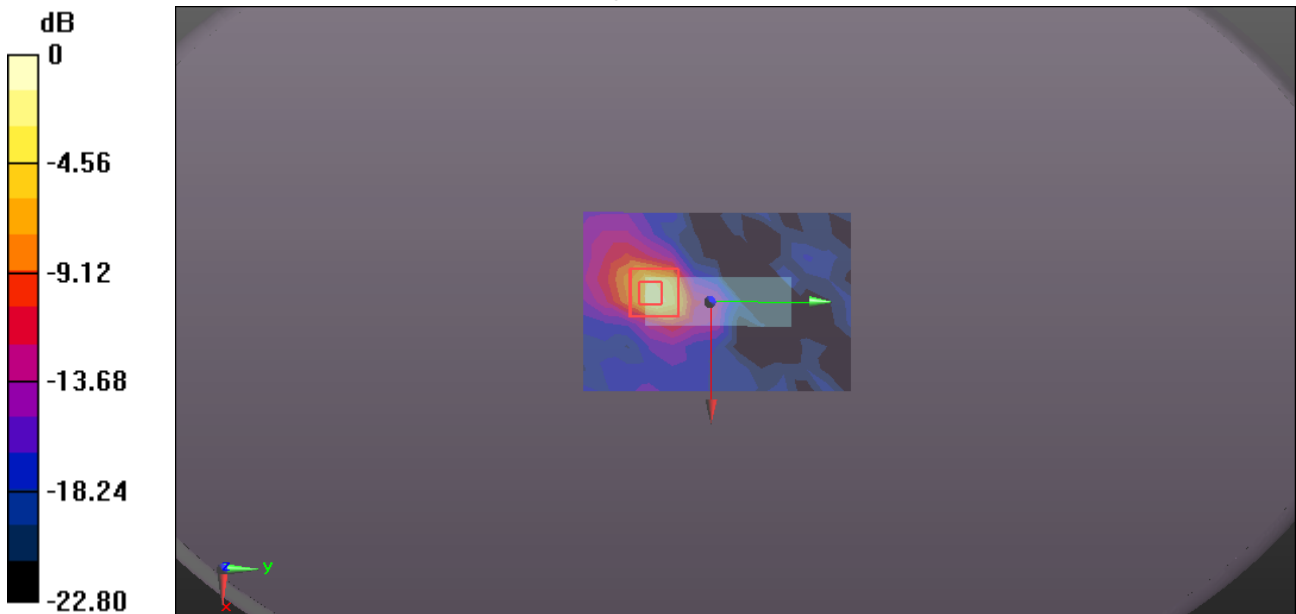
**WIFI Chain0/IEEE802.11a Body Bottom CH40/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.154 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.31 W/kg

**SAR(1 g) = 0.234 W/kg; SAR(10 g) = 0.062 W/kg**

Maximum value of SAR (measured) = 0.706 W/kg



0 dB = 0.706 W/kg = -1.51 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 3/9/2017

**Wifi 802.11a - Body Bottom CH165**

**DUT: YI 4K+ Action Camera; Type: YAS.1817; Serial: N/A**

Communication System: UID 0, IEEE 802.11 a (0); Communication System Band: 5G Band IV;

Frequency: 5825 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5825 \text{ MHz}$ ;  $\sigma = 6.003 \text{ S/m}$ ;  $\epsilon_r = 47.969$ ;  $\rho = 1000 \text{ kg/m}^3$

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(4.34, 4.34, 4.34); Calibrated: 7/27/2016;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/26/2016
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASY52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**WIFI Chain0/IEEE802.11a Body Bottom CH165/Area Scan (9x13x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.773 W/kg

**WIFI Chain0/IEEE802.11a Body Bottom CH165/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:

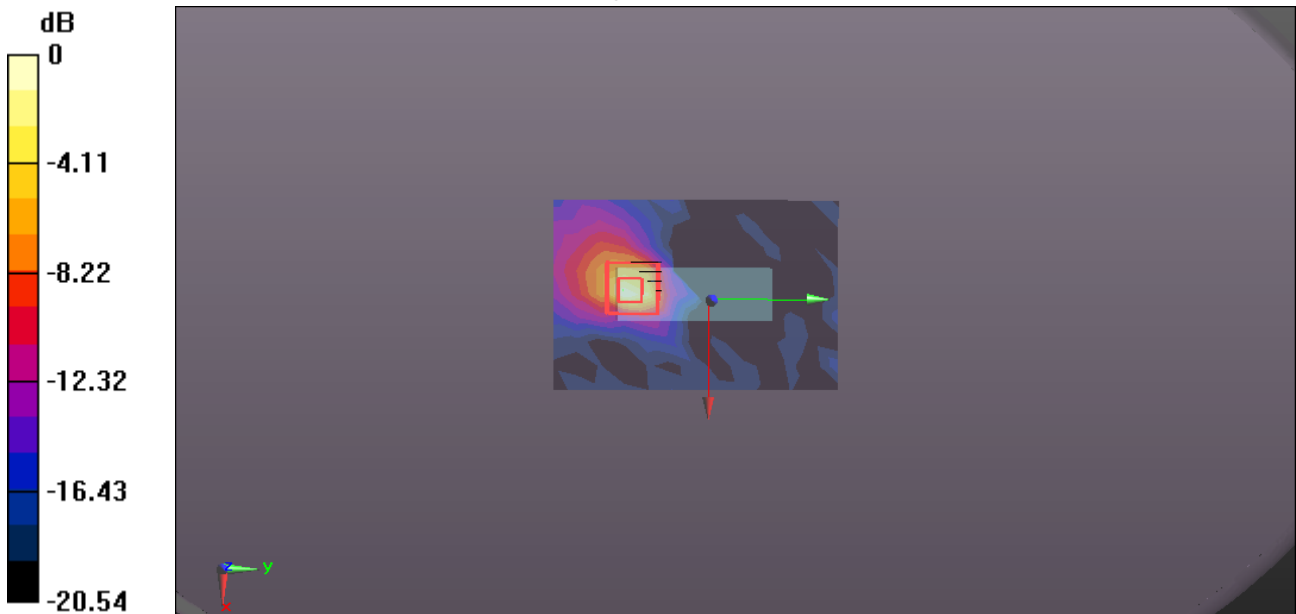
dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.122 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 1.58 W/kg

**SAR(1 g) = 0.241 W/kg; SAR(10 g) = 0.064 W/kg**

Maximum value of SAR (measured) = 0.746 W/kg



0 dB = 0.746 W/kg = -1.27 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 3/9/2017

**Wifi 802.11a - Body Right CH36 repeat**

**DUT: YI 4K+ Action Camera; Type: YAS.1817; Serial: N/A**

Communication System: UID 0, IEEE 802.11 a (0); Communication System Band: 5G Band I; Frequency: 5180 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5180 \text{ MHz}$ ;  $\sigma = 5.284 \text{ S/m}$ ;  $\epsilon_r = 48.607$ ;  $\rho = 1000 \text{ kg/m}^3$

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN3798; ConvF(4.77, 4.77, 4.77); Calibrated: 7/27/2016;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/26/2016
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASYS 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**WIFI Chain0/IEEE802.11a Body Right CH36 repeat/Area Scan (13x13x1):** Measurement grid:

$dx=10\text{mm}$ ,  $dy=10\text{mm}$

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

**WIFI Chain0/IEEE802.11a Body Right CH36 repeat/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:

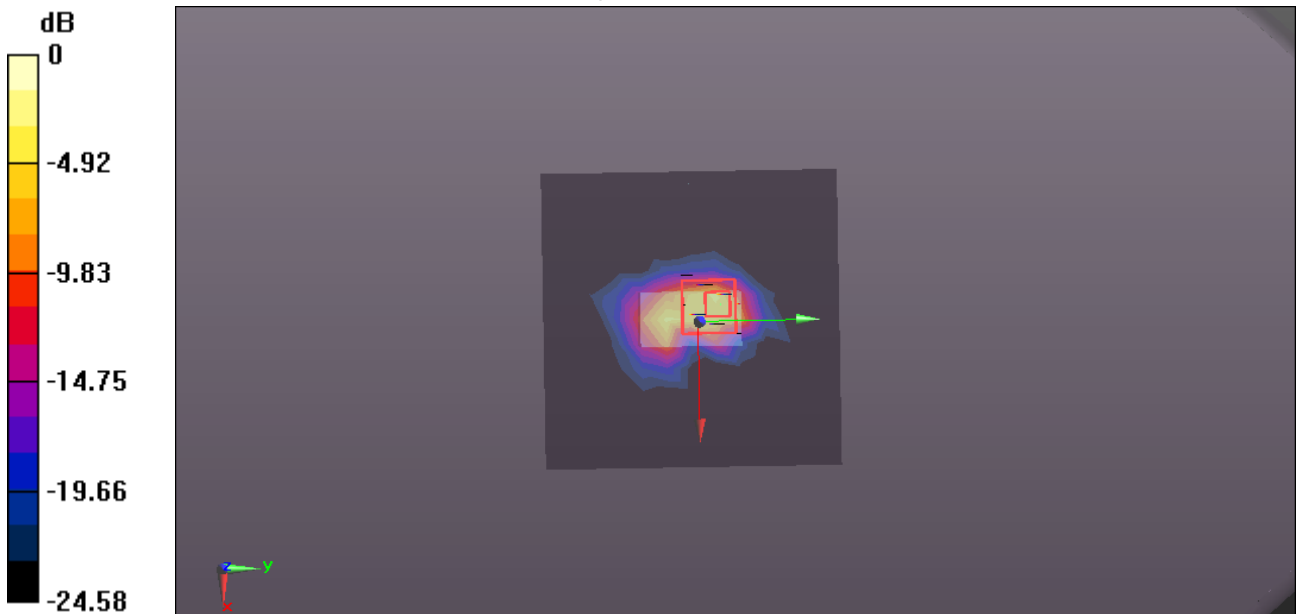
$dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value = 13.01 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 5.58 W/kg

**SAR(1 g) = 0.988 W/kg; SAR(10 g) = 0.221 W/kg**

Maximum value of SAR (measured) = 3.02 W/kg



0 dB = 3.02 W/kg = 4.80 dBW/kg

Test Laboratory: Compliance Certification Services Inc.

Date: 3/9/2017

**Wifi 802.11a - Body Right CH157 repeat**

**DUT: YI 4K+ Action Camera; Type: YAS.1817; Serial: N/A**

Communication System: UID 0, IEEE 802.11 a (0); Communication System Band: 5G Band IV;

Frequency: 5785 MHz; Duty Cycle: 1:1

Medium parameters used:  $f = 5785 \text{ MHz}$ ;  $\sigma = 6.055 \text{ S/m}$ ;  $\epsilon_r = 47.434$ ;  $\rho = 1000 \text{ kg/m}^3$

Room Ambient Temperature: 22°C; Liquid Temperature: 21.5°C

Phantom section: Flat Section

Measurement Standard: DASy5 (IEEE/IEC/ANSI C63.19-2007)

DASy Configuration:

- Probe: EX3DV4 - SN3798; ConvF(4.34, 4.34, 4.34); Calibrated: 7/27/2016;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1245; Calibrated: 7/26/2016
- Phantom: ELI v4.0; Type: QDOVA001BB; Serial: TP:xxxx
- DASy52 52.8.8(1222);
- SEMCAD X Version 14.6.10 (7331)

**WIFI Chain0/IEEE802.11a Body Right CH157 repeat/Area Scan (13x13x1):** Measurement grid:

$dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (measured) = 2.55 W/kg

**WIFI Chain0/IEEE802.11a Body Right CH157 repeat/Zoom Scan (7x7x7)/Cube 0:** Measurement grid:

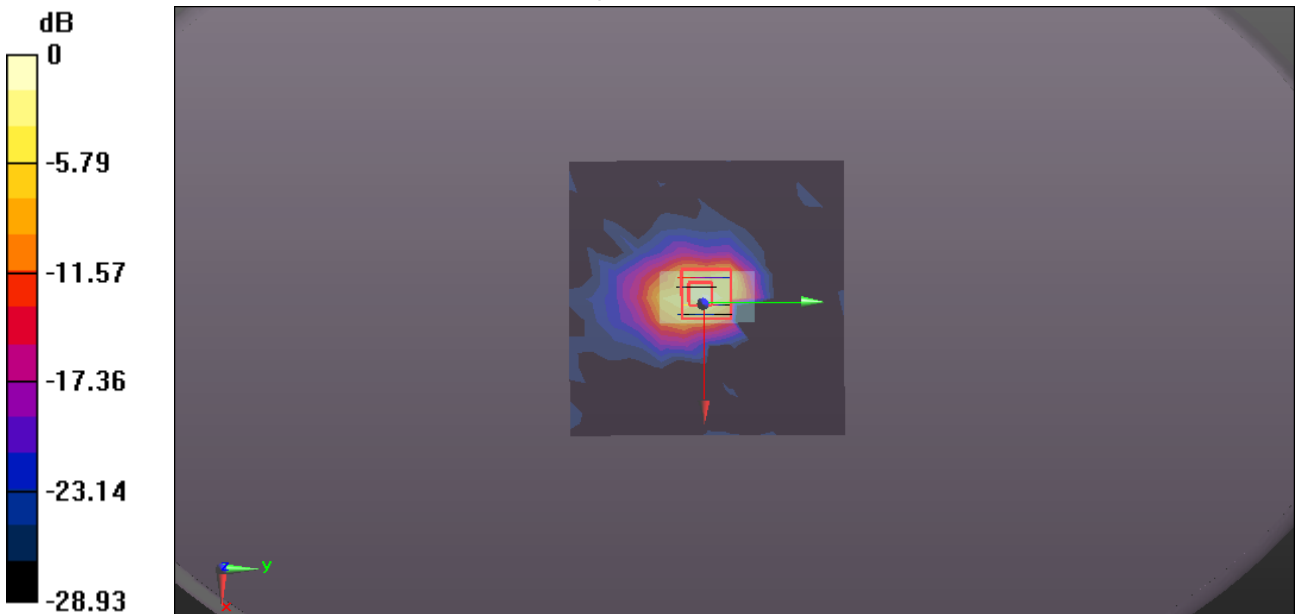
$dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value = 18.72 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 7.32 W/kg

**SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.317 W/kg**

Maximum value of SAR (measured) = 3.33 W/kg



0 dB = 3.33 W/kg = 5.22 dBW/kg