

## Appendix B. SAR Test Data

Date/Time: 12/10/2021

Test Laboratory: DEKRA Lab

WLAN2.4G 802.11b 2437MHz Main Back

**DUT: PAD; Type: ESY15I4-C**

Communication System: UID 0, Wi-Fi (0); Communication System Band: 802.11b; Duty Cycle: 1:1; Frequency: 2437 MHz; Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.854$  S/m;  $\epsilon_r = 39.755$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Phantom section: Flat Section ; Input Power=250mW

Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN3710; ConvF(7.36, 7.36, 7.36); Calibrated: 4/9/2021
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/11/2021
- Phantom: ELI1; Type: QDOVA002AA; Serial: TP:2106
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

### Configuration/WLAN2.4G 802.11b 2437MHz Main Back/Area Scan

(13x13x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.200 W/kg

### Configuration/WLAN2.4G 802.11b 2437MHz Main Back/Zoom Scan

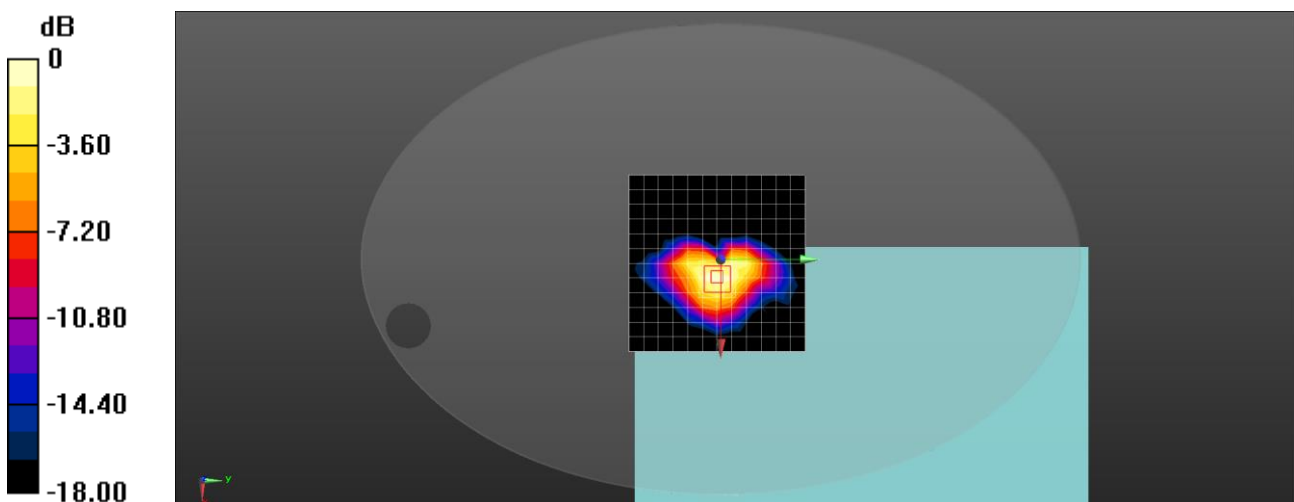
(7x7x5)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 5.995 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.418 W/kg

**SAR(1 g) = 0.184 W/kg; SAR(10 g) = 0.097 W/kg**

Maximum value of SAR (measured) = 0.201 W/kg



0 dB = 0.201 W/kg = -6.97 dBW/kg

Date/Time: 12/10/2021

Test Laboratory: DEKRA Lab

WLAN2.4G 802.11b 2437MHz Main Left

**DUT: PAD; Type: ESY15I4-C**

Communication System: UID 0, Wi-Fi (0); Communication System Band: 802.11b; Duty Cycle: 1:1; Frequency: 2437 MHz; Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.854$  S/m;  $\epsilon r = 39.755$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Phantom section: Flat Section ; Input Power=250mW

Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN3710; ConvF(7.36, 7.36, 7.36); Calibrated: 4/9/2021
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/11/2021
- Phantom: ELI1; Type: QDOVA002AA; Serial: TP:2106
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Configuration/WLAN2.4G 802.11b 2437MHz Main Right/Area Scan**

**(13x13x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.00467 W/kg

**Configuration/WLAN2.4G 802.11b 2437MHz Main Right/Zoom Scan**

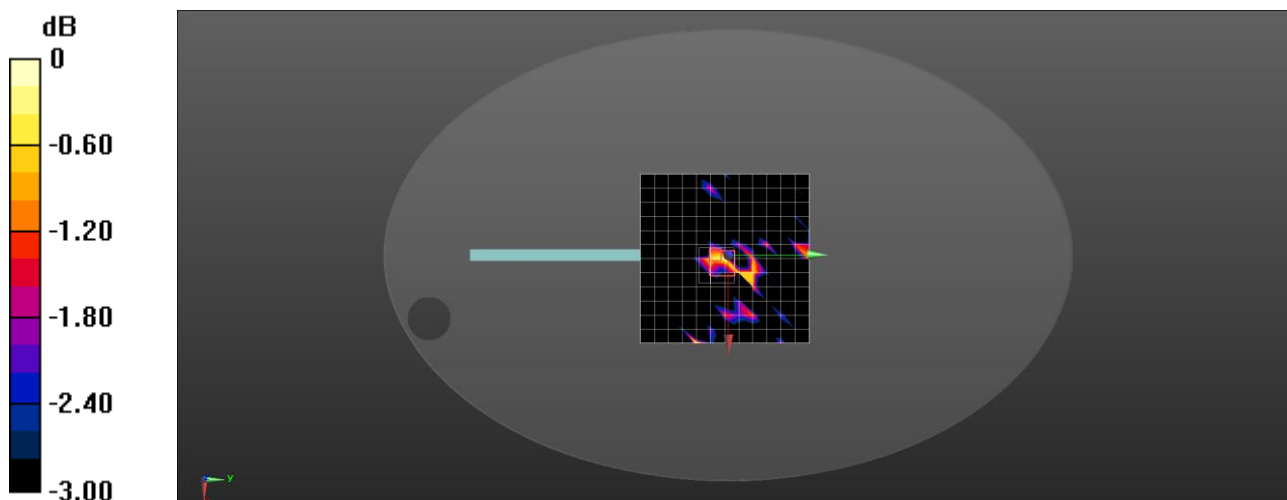
**(7x7x5)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 1.641 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.0170 W/kg

**SAR(1 g) = 0.00247 W/kg; SAR(10 g) = 0.00129 W/kg**

Maximum value of SAR (measured) = 0.00462 W/kg



0 dB = 0.00462 W/kg = -23.35 dBW/kg

Date/Time: 12/10/2021

Test Laboratory: DEKRA Lab

WLAN2.4G 802.11b 2437MHz Main Top

**DUT: PAD; Type: ESY15I4-C**

Communication System: UID 0, Wi-Fi (0); Communication System Band: 802.11b; Duty Cycle: 1:1; Frequency: 2437 MHz; Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.854$  S/m;  $\epsilon r = 39.755$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Phantom section: Flat Section ; Input Power=250mW

Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN3710; ConvF(7.36, 7.36, 7.36); Calibrated: 4/9/2021
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/11/2021
- Phantom: ELI1; Type: QDOVA002AA; Serial: TP:2106
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Configuration/WLAN2.4G 802.11b 2437MHz Main Top/Area Scan**

**(13x13x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0708 W/kg

**Configuration/WLAN2.4G 802.11b 2437MHz Main Top/Zoom Scan**

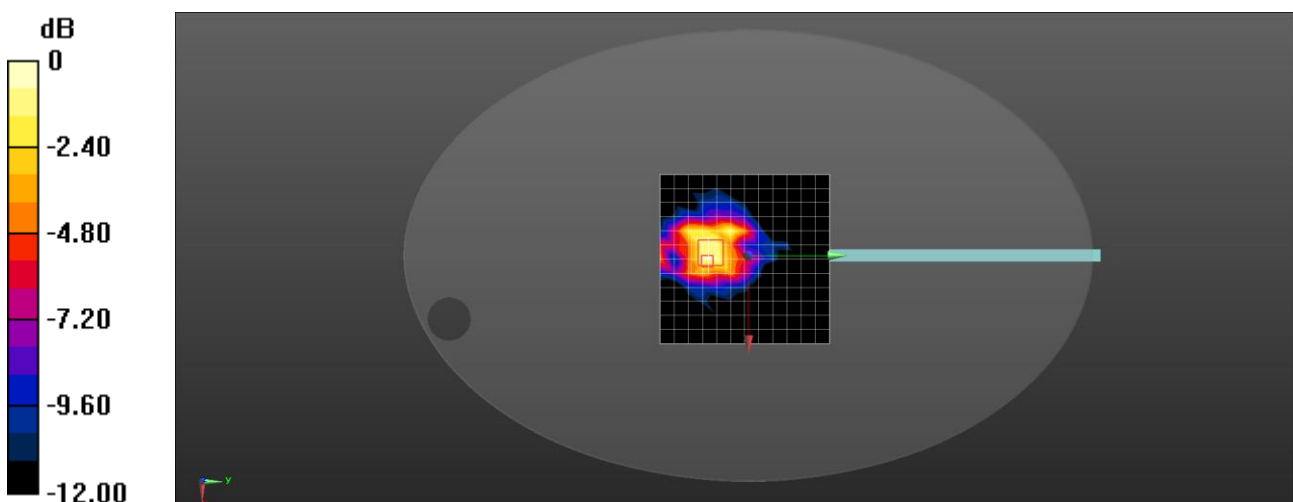
**(7x7x5)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 2.484 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.194 W/kg

**SAR(1 g) = 0.068 W/kg; SAR(10 g) = 0.034 W/kg**

Maximum value of SAR (measured) = 0.0823 W/kg



0 dB = 0.0823 W/kg = -10.85 dBW/kg

Date/Time: 12/10/2021

Test Laboratory: DEKRA Lab

WLAN2.4G 802.11b 2437MHz Aux Back

DUT: PAD; Type: ESY15I4-C

Communication System: UID 0, Wi-Fi (0); Communication System Band: 802.11b; Duty Cycle: 1:1; Frequency: 2437 MHz; Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.854$  S/m;  $\epsilon r = 39.755$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Phantom section: Flat Section ; Input Power=250mW

Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN3710; ConvF(7.36, 7.36, 7.36); Calibrated: 4/9/2021
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/11/2021
- Phantom: ELI1; Type: QDOVA002AA; Serial: TP:2106
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Configuration/WLAN2.4G 802.11b 2437MHz Aux Back/Area Scan

(13x13x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0623 W/kg

Configuration/WLAN2.4G 802.11b 2437MHz Aux Back/Zoom Scan

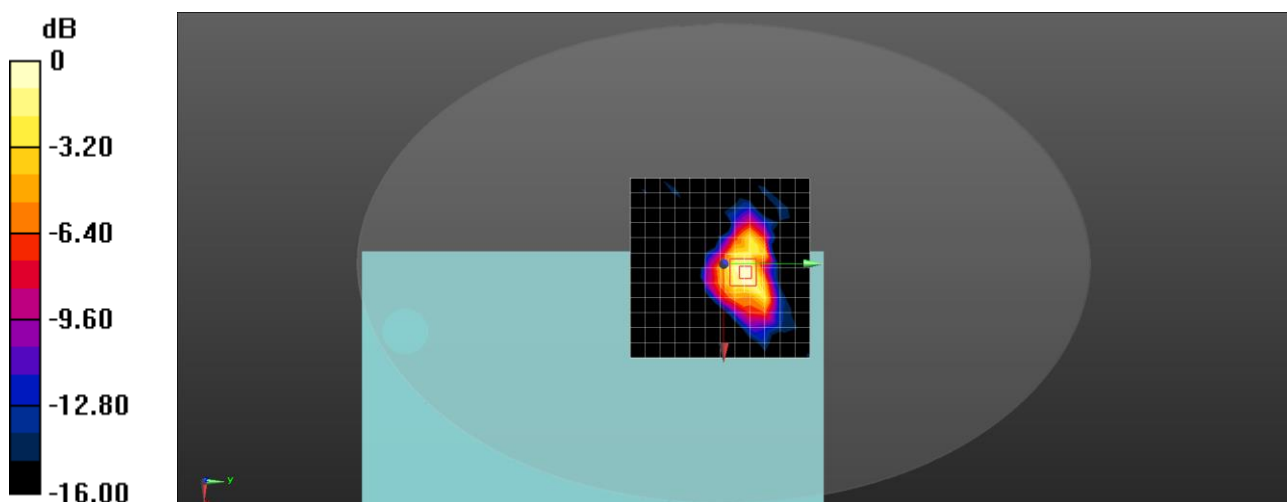
(7x7x5)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 3.667 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.119 W/kg

SAR(1 g) = 0.060 W/kg; SAR(10 g) = 0.032 W/kg

Maximum value of SAR (measured) = 0.0670 W/kg



0 dB = 0.0670 W/kg = -11.74 dBW/kg

Date/Time: 12/10/2021

Test Laboratory: DEKRA Lab

WLAN2.4G 802.11b 2437MHz Aux Right

DUT: PAD; Type: ESY15I4-C

Communication System: UID 0, Wi-Fi (0); Communication System Band: 802.11b; Duty Cycle: 1:1; Frequency: 2437 MHz; Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.854$  S/m;  $\epsilon r = 39.755$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Phantom section: Flat Section ; Input Power=250mW

Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN3710; ConvF(7.36, 7.36, 7.36); Calibrated: 4/9/2021
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/11/2021
- Phantom: ELI1; Type: QDOVA002AA; Serial: TP:2106
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Configuration/WLAN2.4G 802.11b 2437MHz Aux Left/Area Scan**

(13x13x1): Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.00401 W/kg

**Configuration/WLAN2.4G 802.11b 2437MHz Aux Left/Zoom Scan**

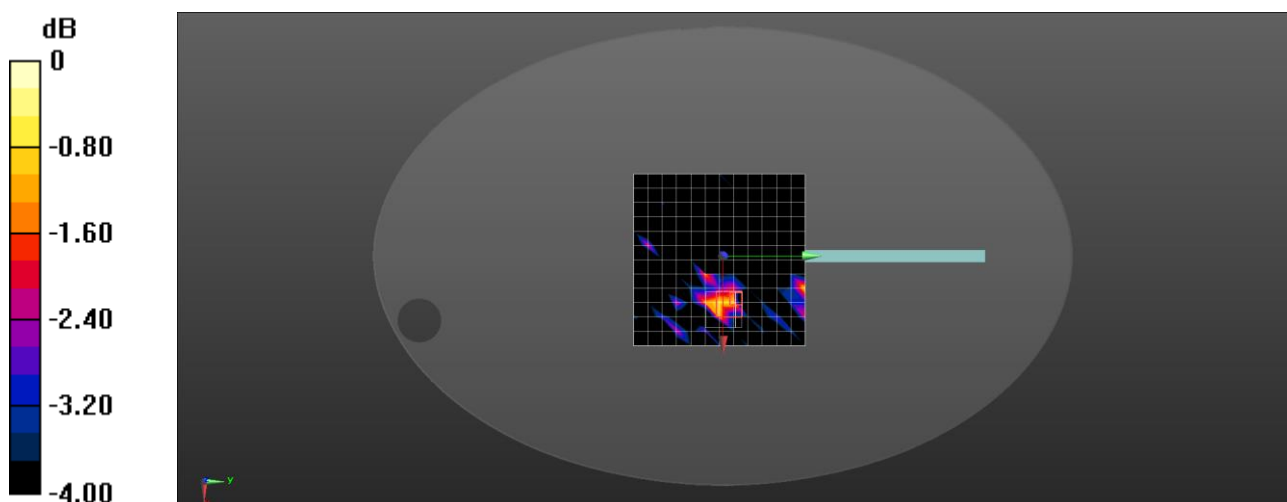
(7x7x5)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 0.6890 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 0.00536 W/kg

**SAR(1 g) = 0.0034 W/kg; SAR(10 g) = 0.00247 W/kg**

Maximum value of SAR (measured) = 0.00479 W/kg



0 dB = 0.00479 W/kg = -23.20 dBW/kg

Date/Time: 12/10/2021

Test Laboratory: DEKRA Lab

WLAN2.4G 802.11b 2437MHz Aux Top

**DUT: PAD; Type: ESY15I4-C**

Communication System: UID 0, Wi-Fi (0); Communication System Band: 802.11b; Duty Cycle: 1:1; Frequency: 2437 MHz; Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.854$  S/m;  $\epsilon r = 39.755$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Phantom section: Flat Section ; Input Power=250mW

Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN3710; ConvF(7.36, 7.36, 7.36); Calibrated: 4/9/2021
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/11/2021
- Phantom: ELI1; Type: QDOVA002AA; Serial: TP:2106
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Configuration/WLAN2.4G 802.11b 2437MHz Aux Top/Area Scan**

**(13x13x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.0265 W/kg

**Configuration/WLAN2.4G 802.11b 2437MHz Aux Top/Zoom Scan**

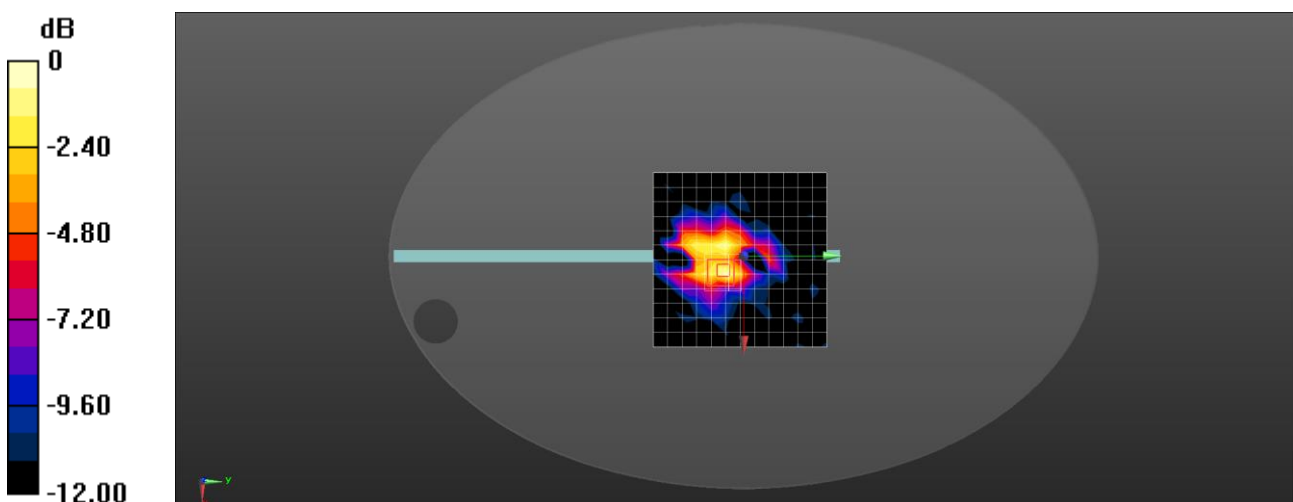
**(7x7x5)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 1.276 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 0.0480 W/kg

**SAR(1 g) = 0.025 W/kg; SAR(10 g) = 0.011 W/kg**

Maximum value of SAR (measured) = 0.0291 W/kg



0 dB = 0.0291 W/kg = -15.36 dBW/kg

Date/Time: 12/10/2021

Test Laboratory: DEKRA Lab

WLAN2.4G 802.11g 2412MHz MIMO Back

**DUT: PAD; Type: ESY15I4-C**

Communication System: UID 0, Wi-Fi (0); Communication System Band: 802.11n(20MHz); Duty Cycle: 1:1;

Frequency: 2412 MHz; Medium parameters used:  $f = 2412 \text{ MHz}$ ;  $\sigma = 1.834 \text{ S/m}$ ;  $\epsilon_r = 39.835$ ;  $\rho = 1000 \text{ kg/m}^3$ ; Phantom section: Flat Section ; Input Power=250mW

Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN3710; ConvF(7.36, 7.36, 7.36); Calibrated: 4/9/2021
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/11/2021
- Phantom: ELI1; Type: QDOVA002AA; Serial: TP:2106
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Configuration/WLAN2.4G 802.11g 2412MHz MIMO Back/Area Scan**

**(13x34x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.131 W/kg

**Configuration/WLAN2.4G 802.11g 2412MHz MIMO Back/Zoom Scan**

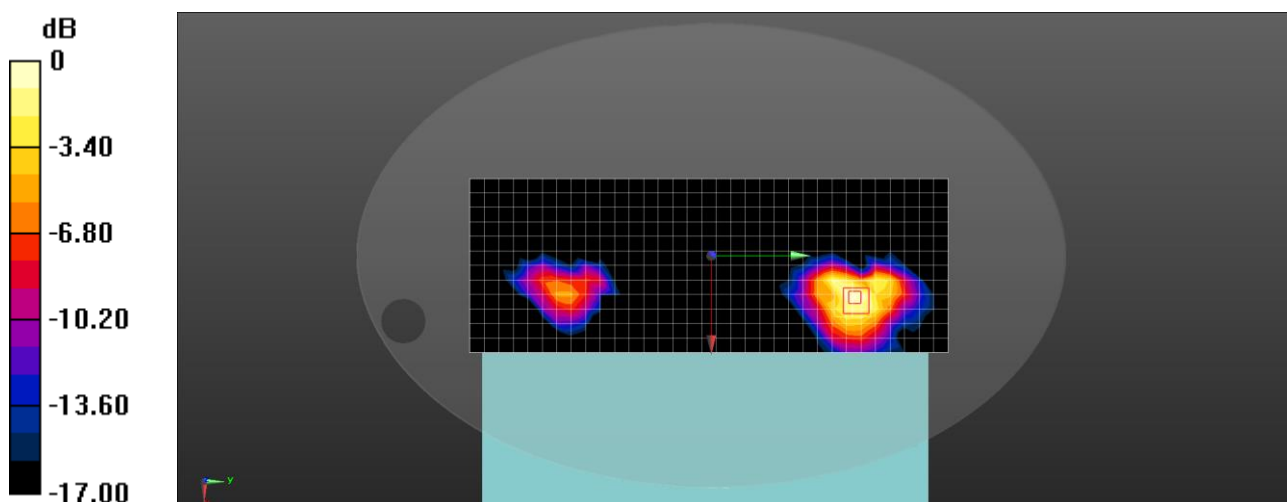
**(7x7x5)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 1.017 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 0.248 W/kg

**SAR(1 g) = 0.128 W/kg; SAR(10 g) = 0.069 W/kg**

Maximum value of SAR (measured) = 0.143 W/kg



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

Date/Time: 12/10/2021

Test Laboratory: DEKRA Lab

WLAN2.4G 802.11g 2437MHz MIMO Back

**DUT: PAD; Type: ESY15I4-C**

Communication System: UID 0, Wi-Fi (0); Communication System Band: 802.11g; Duty Cycle: 1:1; Frequency: 2437 MHz; Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.854$  S/m;  $\epsilon_r = 39.755$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Phantom section: Flat Section ; Input Power=250mW

Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN3710; ConvF(7.36, 7.36, 7.36); Calibrated: 4/9/2021
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/11/2021
- Phantom: ELI1; Type: QDOVA002AA; Serial: TP:2106
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Configuration/WLAN2.4G 802.11g 2437MHz MIMO Back/Area Scan**

**(13x34x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.167 W/kg

**Configuration/WLAN2.4G 802.11g 2437MHz MIMO Back/Zoom Scan**

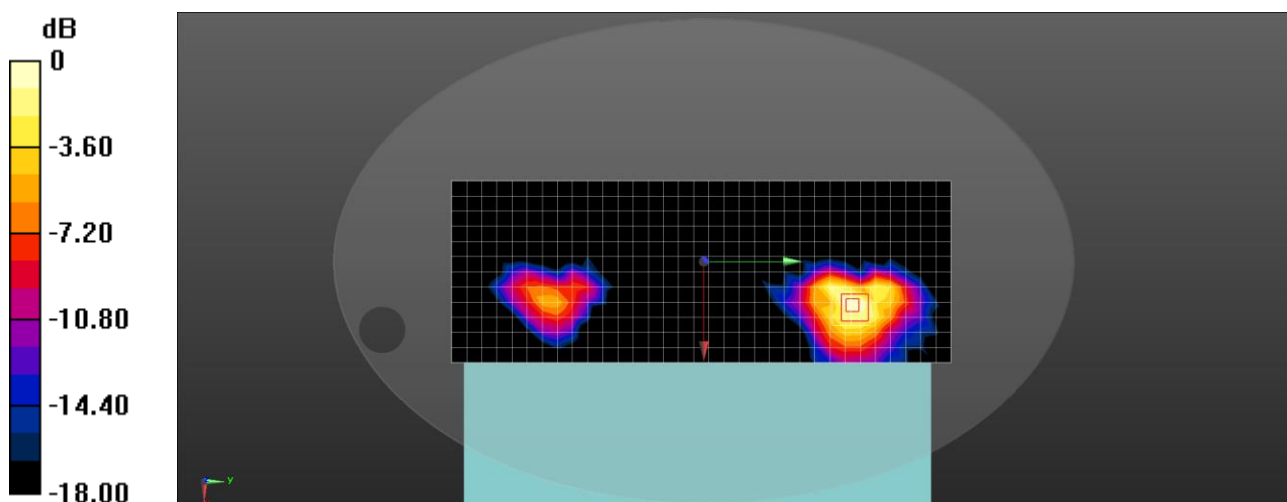
**(7x7x5)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 0.8320 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.316 W/kg

**SAR(1 g) = 0.162 W/kg; SAR(10 g) = 0.087 W/kg**

Maximum value of SAR (measured) = 0.181 W/kg



0 dB = 0.181 W/kg = -7.42 dBW/kg



Date/Time: 12/10/2021

Test Laboratory: DEKRA Lab

WLAN2.4G 802.11g 2462MHz MIMO Back

**DUT: PAD; Type: ESY15I4-C**

Communication System: UID 0, Wi-Fi (0); Communication System Band: 802.11g; Duty Cycle: 1:1; Frequency: 2462 MHz; Medium parameters used:  $f = 2462$  MHz;  $\sigma = 1.875$  S/m;  $\epsilon r = 39.741$ ;  $\rho = 1000$  kg/m<sup>3</sup>;

Phantom section: Flat Section ; Input Power=250mW

Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN3710; ConvF(7.36, 7.36, 7.36); Calibrated: 4/9/2021
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/11/2021
- Phantom: ELI1; Type: QDOVA002AA; Serial: TP:2106
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Configuration/WLAN2.4G 802.11g 2462MHz MIMO Back/Area Scan**

**(13x34x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.153 W/kg

**Configuration/WLAN2.4G 802.11g 2462MHz MIMO Back/Zoom Scan**

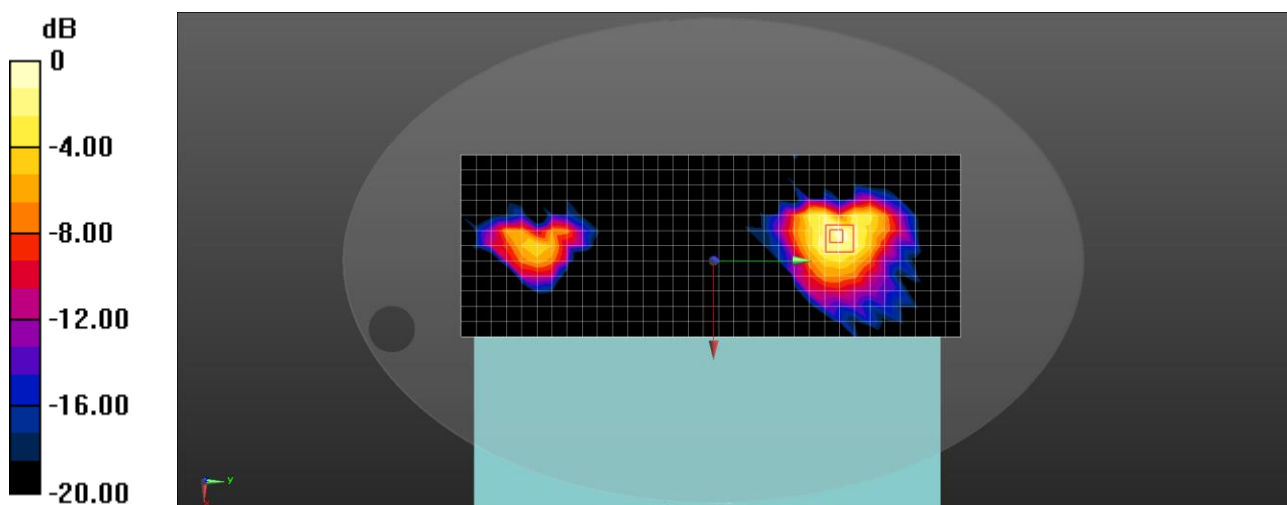
**(7x7x5)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.262 W/kg

**SAR(1 g) = 0.147 W/kg; SAR(10 g) = 0.079 W/kg**

Maximum value of SAR (measured) = 0.167 W/kg



0 dB = 0.167 W/kg = -7.77 dBW/kg

Date/Time: 12/10/2021

Test Laboratory: DEKRA Lab

Bluetooth DH5 2402MHz Back

**DUT: PAD; Type: ESY1514-C**

Communication System: UID 0, Bluetooth (0); Communication System Band: DH5; Duty Cycle: 1:1;

Frequency: 2402 MHz; Medium parameters used:  $f = 2402$  MHz;  $\sigma = 1.826$  S/m;  $\epsilon r = 39.871$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section: Flat Section ; Input Power=250mW

Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN3710; ConvF(7.36, 7.36, 7.36); Calibrated: 4/9/2021
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/11/2021
- Phantom: ELI1; Type: QDOVA002AA; Serial: TP:2106
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Configuration/Bluetooth DH5 2402MHz Back/Area Scan**

**(14x14x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.120 W/kg

**Configuration/Bluetooth DH5 2402MHz Back/Zoom Scan**

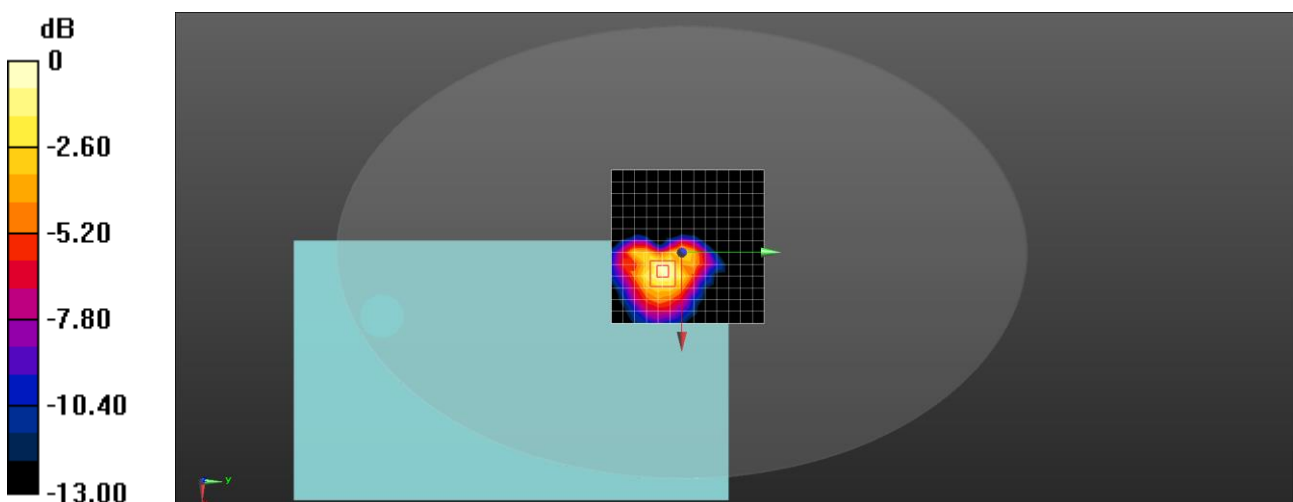
**(7x7x5)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 7.570 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.264 W/kg

**SAR(1 g) = 0.119 W/kg; SAR(10 g) = 0.069 W/kg**

Maximum value of SAR (measured) = 0.138 W/kg



0 dB = 0.168 W/kg = -7.75 dBW/kg

Date/Time: 12/10/2021

Test Laboratory: DEKRA Lab

Bluetooth DH5 2441MHz Back

**DUT: PAD; Type: ESY1514-C**

Communication System: UID 0, Bluetooth (0); Communication System Band: DH5; Duty Cycle: 1:1;

Frequency: 2441 MHz; Medium parameters used:  $f = 2441$  MHz;  $\sigma = 1.857$  S/m;  $\epsilon r = 39.748$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section: Flat Section ; Input Power=250mW

Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN3710; ConvF(7.36, 7.36, 7.36); Calibrated: 4/9/2021
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/11/2021
- Phantom: ELI1; Type: QDOVA002AA; Serial: TP:2106
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Configuration/Bluetooth DH5 2441MHz Back/Area Scan**

**(14x14x1):** Measurement grid: dx=10mm, dy=10mm

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

**Configuration/Bluetooth DH5 2441MHz Back /Zoom Scan**

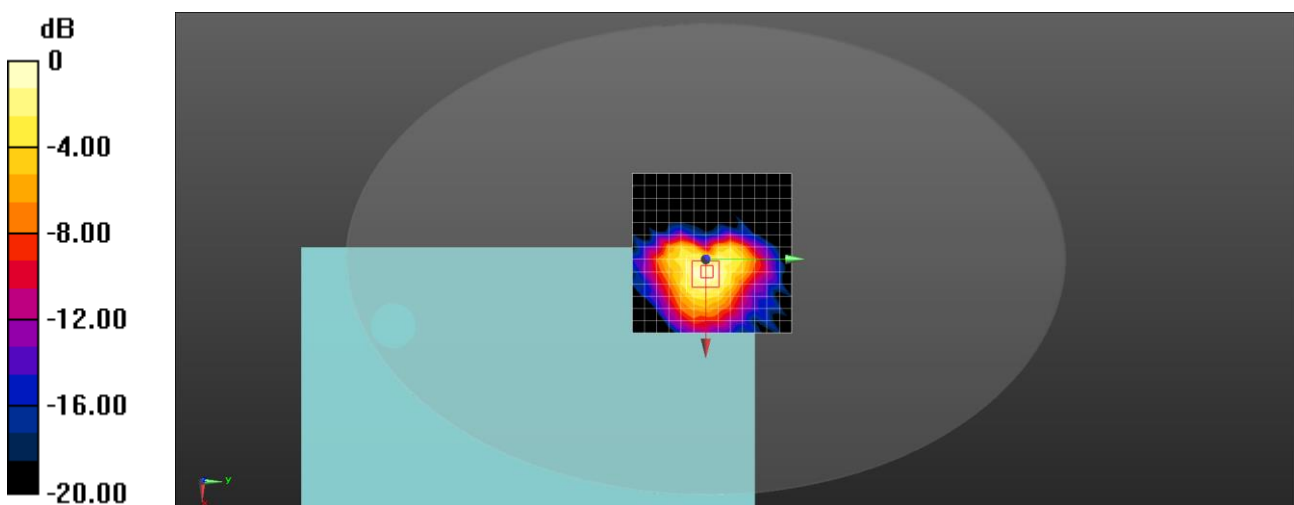
**(7x7x5)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 7.212 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.265 W/kg

**SAR(1 g) = 0.108 W/kg; SAR(10 g) = 0.070 W/kg**

Maximum value of SAR (measured) = 0.123 W/kg



0 dB = 0.163 W/kg = -7.88 dBW/kg

Date/Time: 12/10/2021

Test Laboratory: DEKRA Lab

Bluetooth DH5 2480MHz Back

**DUT: PAD; Type: ESY1514-C**

Communication System: UID 0, Bluetooth (0); Communication System Band: DH5; Duty Cycle: 1:1;

Frequency: 2480 MHz; Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.889$  S/m;  $\epsilon r = 39.756$ ;  $\rho = 1000$  kg/m<sup>3</sup> ; Phantom section: Flat Section ; Input Power=250mW

Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN3710; ConvF(7.36, 7.36, 7.36); Calibrated: 4/9/2021
- Sensor-Surface: 4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/11/2021
- Phantom: ELI1; Type: QDOVA002AA; Serial: TP:2106
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Configuration/Bluetooth DH5 2480MHz Back/Area Scan**

**(14x14x1):** Measurement grid: dx=10mm, dy=10mm

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

**Configuration/Bluetooth DH5 2480MHz Back/Zoom Scan**

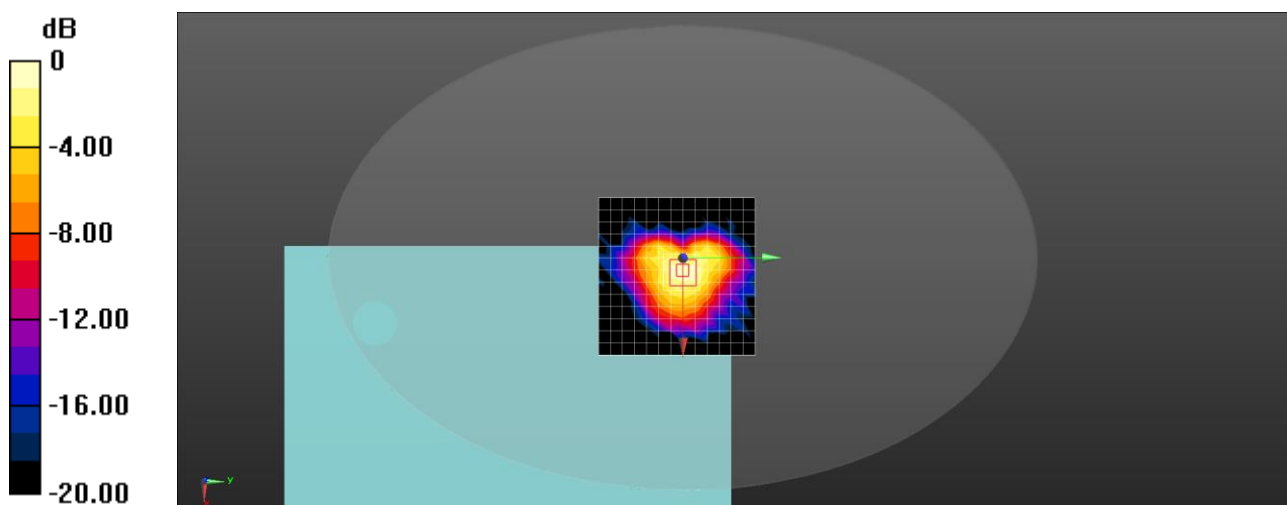
**(7x7x5)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 7.154 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 0.105 W/kg

**SAR(1 g) = 0.095 W/kg; SAR(10 g) = 0.051 W/kg**

Maximum value of SAR (measured) = 0.115 W/kg



0 dB = 0.165 W/kg = -7.83 dBW/kg

Date/Time: 12/11/2021

Test Laboratory: DEKRA Lab

WLAN5G 802.11a 5300MHz MIMO Back

**DUT: PAD; Type: ESY15I4-C**

Communication System: UID 0, CW (0); Communication System Band: 5GHz; Duty Cycle: 1:1.0; Frequency: 5300 MHz; Medium parameters used:  $f = 5300$  MHz;  $\sigma = 4.591$  S/m;  $\epsilon_r = 35.223$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Phantom section: Flat Section

Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN3710; ConvF(5.3, 5.3, 5.3); Calibrated: 4/9/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/11/2021
- Phantom: ELI1; Type: QDOVA002AA; Serial: TP:2106
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Configuration/WLAN5G 802.11a 5300MHz MIMO Back/Area Scan**

**(16x41x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.25 W/kg

**Configuration/WLAN5G 802.11a 5300MHz MIMO Back/Zoom Scan**

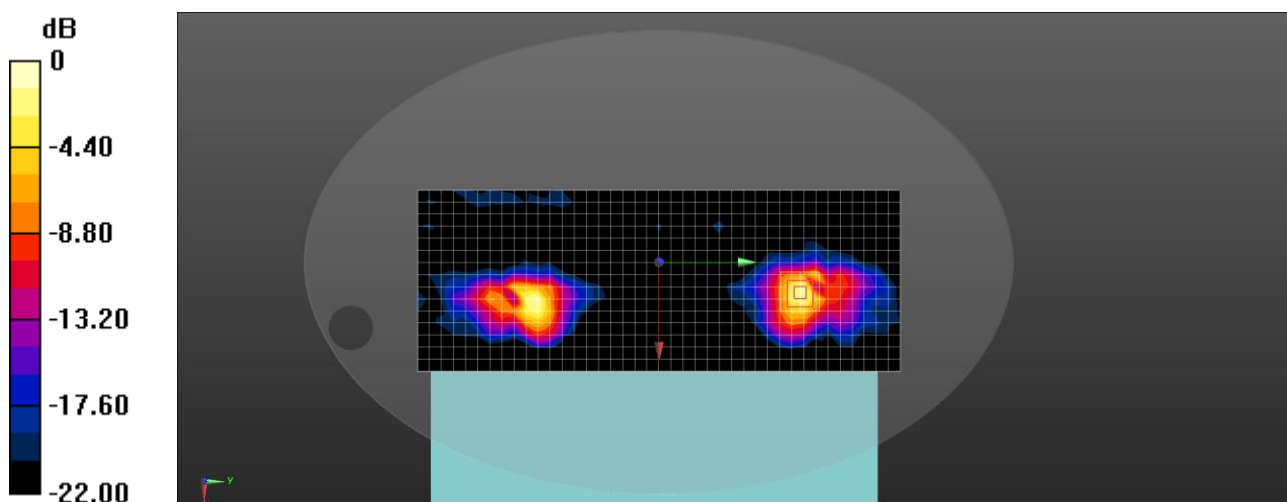
**(9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.121 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 2.41 W/kg

**SAR(1 g) = 0.613 W/kg; SAR(10 g) = 0.202 W/kg**

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



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

Date/Time: 12/11/2021

Test Laboratory: DEKRA Lab

WLAN5G 802.11a 5300MHz MIMO Top

**DUT: PAD; Type: ESY15I4-C**

Communication System: UID 0, CW (0); Communication System Band: 5GHz; Duty Cycle: 1:1.0; Frequency: 5300 MHz; Medium parameters used:  $f = 5300$  MHz;  $\sigma = 4.591$  S/m;  $\epsilon r = 35.223$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Phantom section: Flat Section

Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN3710; ConvF(5.3, 5.3, 5.3); Calibrated: 4/9/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/11/2021
- Phantom: ELI1; Type: QDOVA002AA; Serial: TP:2106
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Configuration/WLAN5G 802.11a 5300MHz MIMO Top/Area Scan**

**(16x41x1):** Measurement grid: dx=10mm, dy=10mm

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

**Configuration/WLAN5G 802.11a 5300MHz MIMO Top/Zoom Scan**

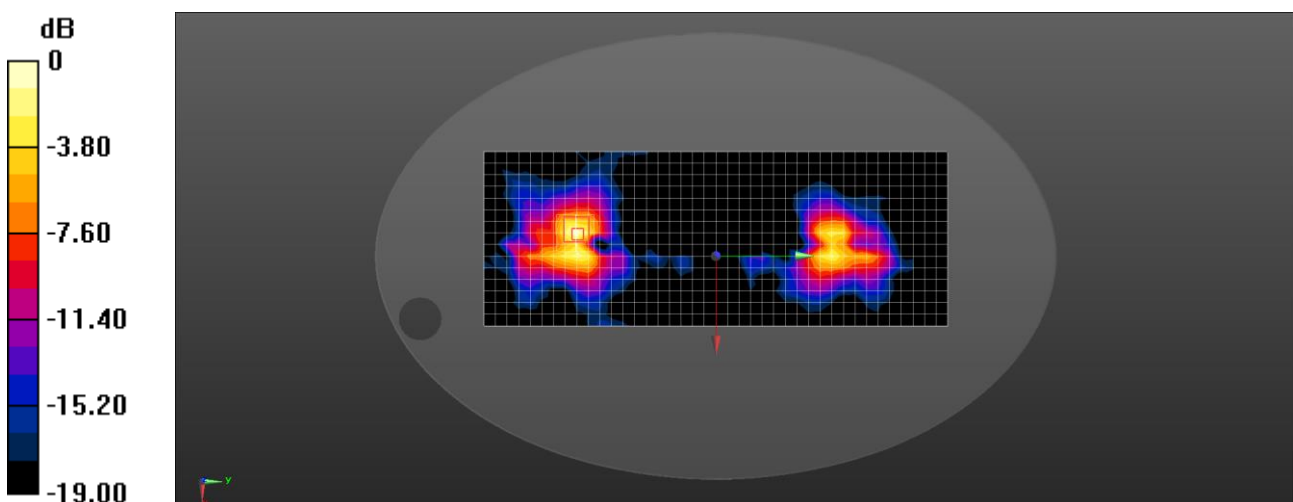
**(9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.024 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 1.17 W/kg

**SAR(1 g) = 0.297 W/kg; SAR(10 g) = 0.098 W/kg**

Maximum value of SAR (measured) = 0.696 W/kg



0 dB = 0.696 W/kg = -1.57 dBW/kg

Date/Time: 12/11/2021

Test Laboratory: DEKRA Lab

WLAN5G 802.11a 5260MHz MIMO Back

**DUT: PAD; Type: ESY15I4-C**

Communication System: UID 0, CW (0); Communication System Band: 5GHz; Duty Cycle: 1:1.0; Frequency: 5260 MHz; Medium parameters used:  $f = 5260$  MHz;  $\sigma = 4.543$  S/m;  $\epsilon r = 35.267$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Phantom section: Flat Section

Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN3710; ConvF(5.3, 5.3, 5.3); Calibrated: 4/9/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/11/2021
- Phantom: ELI1; Type: QDOVA002AA; Serial: TP:2106
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Configuration/WLAN5G 802.11a 5260MHz MIMO Back/Area Scan**

**(16x41x1):** Measurement grid: dx=10mm, dy=10mm

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

**Configuration/WLAN5G 802.11a 5260MHz MIMO Back/Zoom Scan**

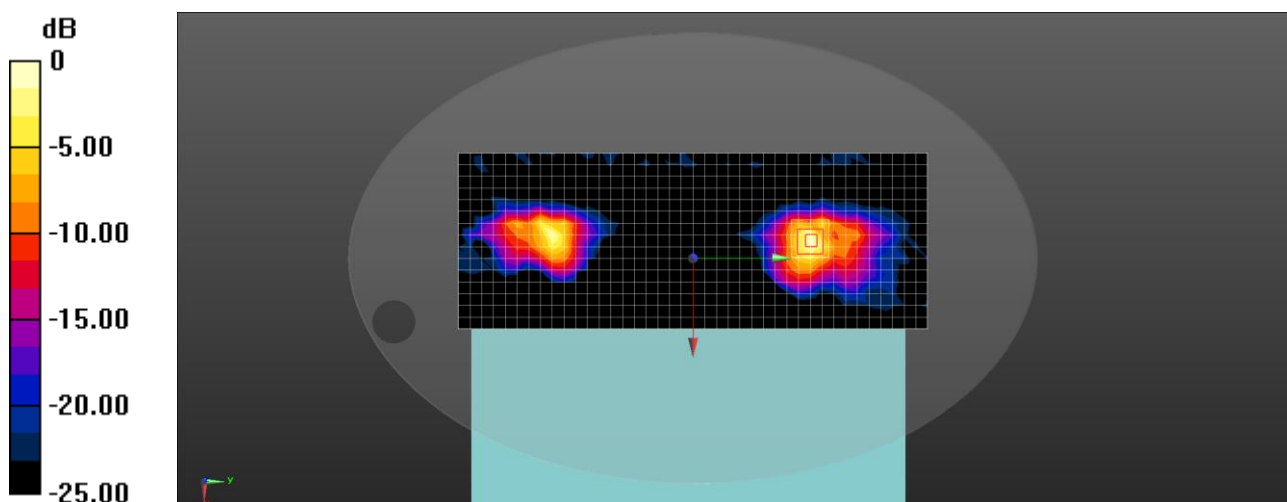
**(9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 2.16 W/kg

**SAR(1 g) = 0.556 W/kg; SAR(10 g) = 0.182 W/kg**

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



0 dB = 1.34 W/kg = 1.27 dBW/kg

Date/Time: 12/11/2021

Test Laboratory: DEKRA Lab

WLAN5G 802.11a 5320MHz MIMO Back

DUT: PAD; Type: ESY15I4-C

Communication System: UID 0, CW (0); Communication System Band: 5GHz; Duty Cycle: 1:1.0; Frequency: 5320 MHz; Medium parameters used:  $f = 5320$  MHz;  $\sigma = 4.614$  S/m;  $\epsilon r = 35.194$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Phantom section: Flat Section

Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN3710; ConvF(5.3, 5.3, 5.3); Calibrated: 4/9/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/11/2021
- Phantom: ELI1; Type: QDOVA002AA; Serial: TP:2106
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Configuration/WLAN5G 802.11a 5320MHz MIMO Back/Area Scan**

(16x41x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.44 W/kg

**Configuration/WLAN5G 802.11a 5320MHz MIMO Back/Zoom Scan**

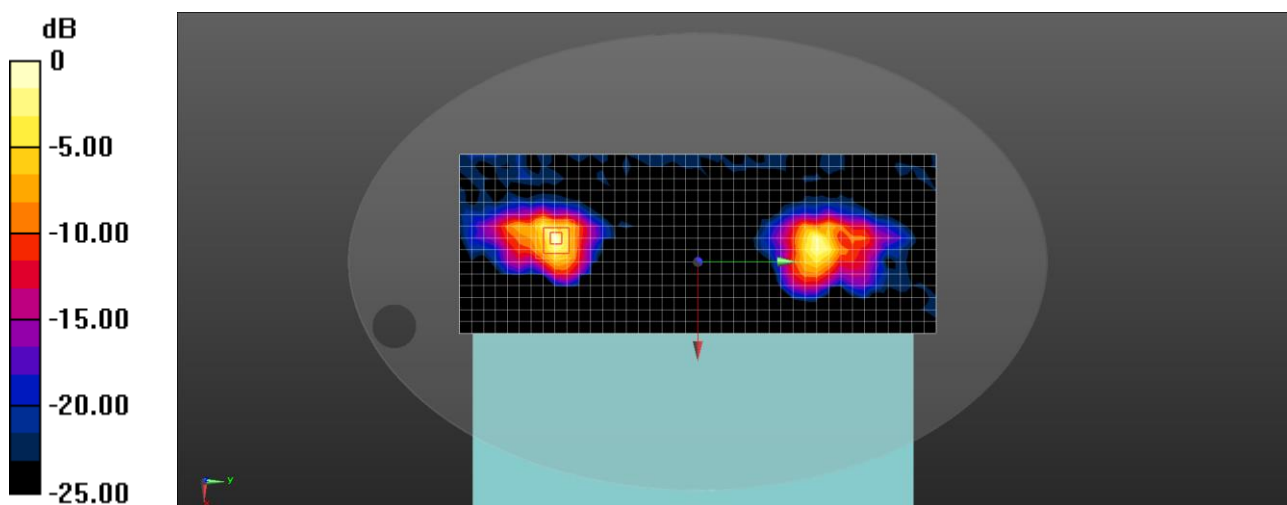
(9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 2.43 W/kg

**SAR(1 g) = 0.585 W/kg; SAR(10 g) = 0.184 W/kg**

Maximum value of SAR (measured) = 1.44 W/kg



0 dB = 1.44 W/kg = 1.58 dBW/kg



Date/Time: 12/12/2021

Test Laboratory: DEKRA Lab

WLAN5G 802.11a 5500MHz MIMO Back

**DUT: PAD; Type: ESY15I4-C**

Communication System: UID 0, CW (0); Communication System Band: 5GHz; Duty Cycle: 1:1.0; Frequency: 5500 MHz; Medium parameters used:  $f = 5500$  MHz;  $\sigma = 4.802$  S/m;  $\epsilon r = 34.85$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Phantom section: Flat Section

Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN3710; ConvF(4.75, 4.75, 4.75); Calibrated: 4/9/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/11/2021
- Phantom: ELI1; Type: QDOVA002AA; Serial: TP:2106
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Configuration/WLAN5G 802.11a 5500MHz MIMO Back/Area Scan**

**(16x41x1):** Measurement grid: dx=10mm, dy=10mm

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

**Configuration/WLAN5G 802.11a 5500MHz MIMO Back/Zoom Scan**

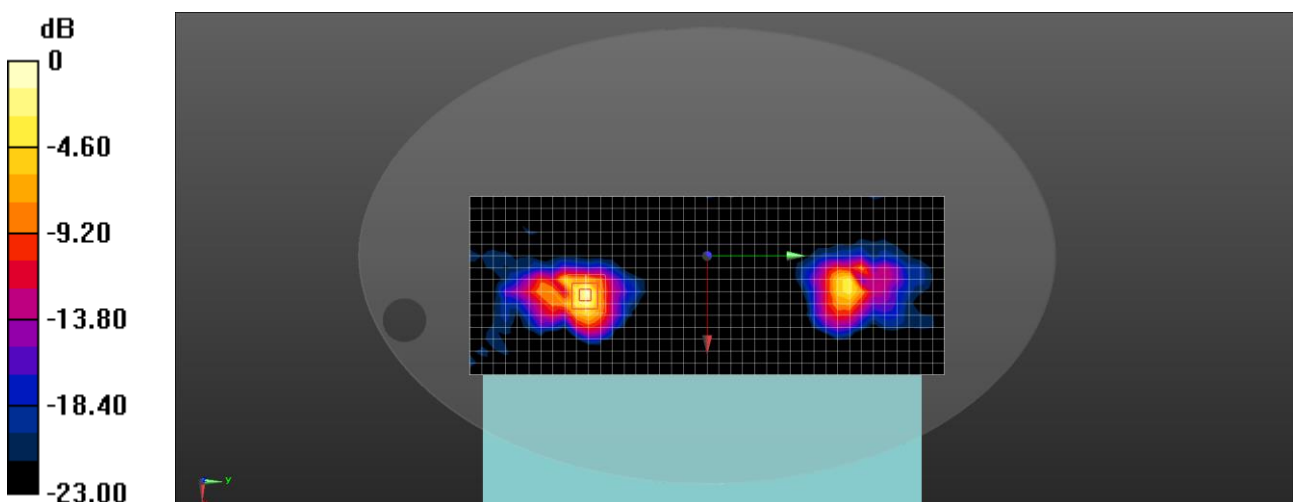
**(9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.178 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 3.56 W/kg

**SAR(1 g) = 0.651 W/kg; SAR(10 g) = 0.201 W/kg**

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



0 dB = 2.13 W/kg = 3.28 dBW/kg

Date/Time: 12/12/2021

Test Laboratory: DEKRA Lab

WLAN5G 802.11a 5500MHz MIMO Top

DUT: PAD; Type: ESY15I4-C

Communication System: UID 0, CW (0); Communication System Band: 5GHz; Duty Cycle: 1:1.0; Frequency: 5500 MHz; Medium parameters used:  $f = 5500$  MHz;  $\sigma = 4.802$  S/m;  $\epsilon r = 34.85$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Phantom section: Flat Section

Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN3710; ConvF(4.75, 4.75, 4.75); Calibrated: 4/9/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/11/2021
- Phantom: ELI1; Type: QDOVA002AA; Serial: TP:2106
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Configuration/WLAN5G 802.11a 5500MHz MIMO Top/Area Scan**

(16x41x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.750 W/kg

**Configuration/WLAN5G 802.11a 5500MHz MIMO Top/Zoom Scan**

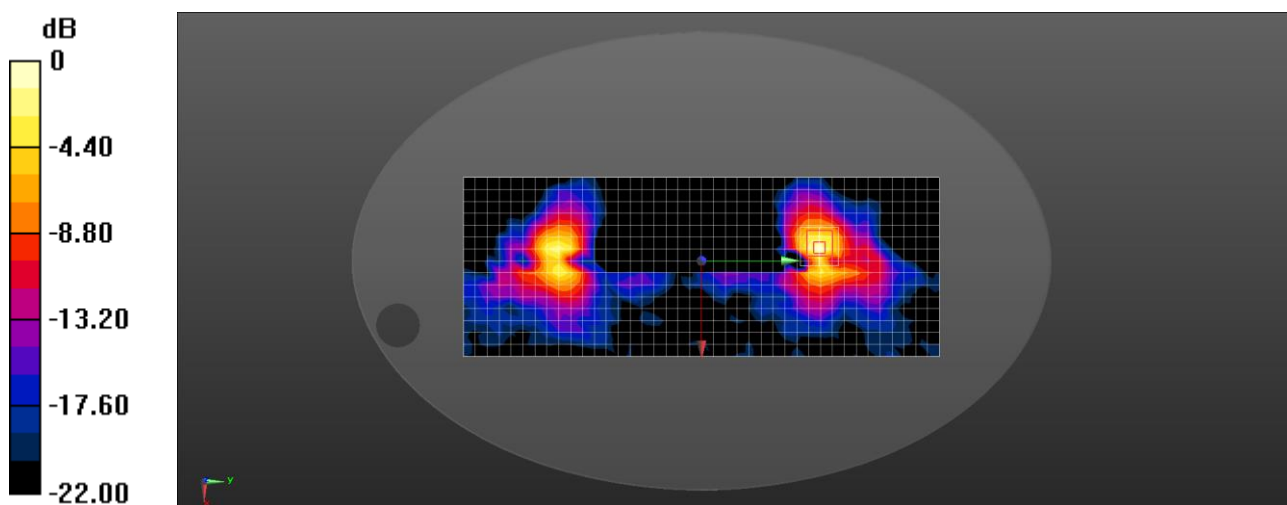
(9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.20 W/kg

**SAR(1 g) = 0.302 W/kg; SAR(10 g) = 0.096 W/kg**

Maximum value of SAR (measured) = 0.754 W/kg



0 dB = 0.754 W/kg = -1.23 dBW/kg

Date/Time: 12/12/2021

Test Laboratory: DEKRA Lab

WLAN5G 802.11a 5580MHz MIMO Back

**DUT: PAD; Type: ESY15I4-C**

Communication System: UID 0, CW (0); Communication System Band: 5GHz; Duty Cycle: 1:1.0; Frequency: 5580 MHz; Medium parameters used:  $f = 5580$  MHz;  $\sigma = 4.899$  S/m;  $\epsilon r = 34.729$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Phantom section: Flat Section

Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN3710; ConvF(4.75, 4.75, 4.75); Calibrated: 4/9/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/11/2021
- Phantom: ELI1; Type: QDOVA002AA; Serial: TP:2106
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Configuration/WLAN5G 802.11a 5580MHz MIMO Back/Area Scan**

**(16x41x1):** Measurement grid: dx=10mm, dy=10mm

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

**Configuration/WLAN5G 802.11a 5580MHz MIMO Back/Zoom Scan**

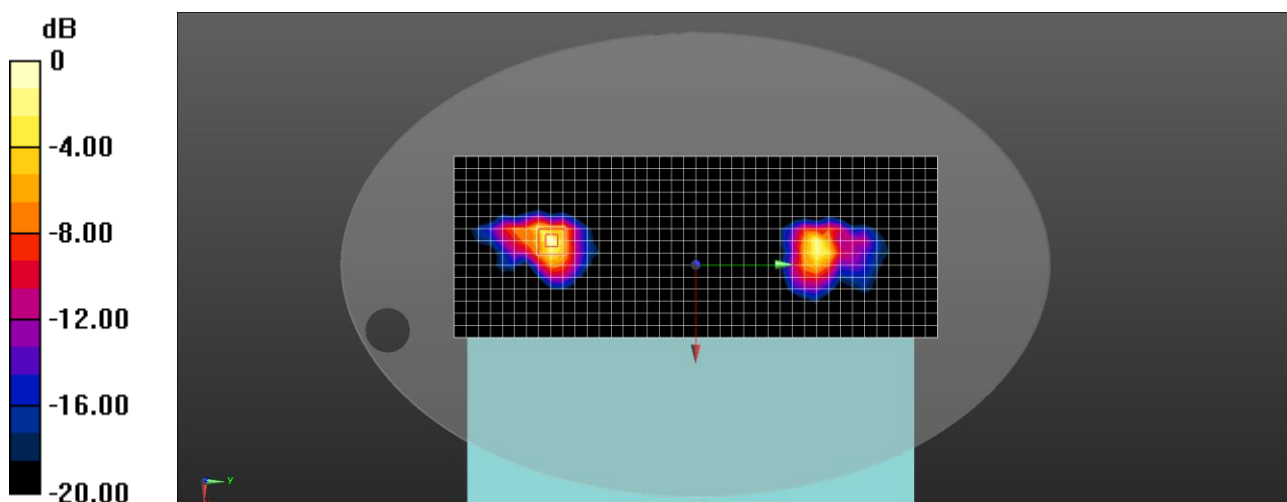
**(7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 2.17 W/kg

**SAR(1 g) = 0.502 W/kg; SAR(10 g) = 0.152 W/kg**

Maximum value of SAR (measured) = 1.31 W/kg



0 dB = 1.31 W/kg = 1.17 dBW/kg

Date/Time: 12/13/2021

Test Laboratory: DEKRA Lab

WLAN5G 802.11a 5700MHz MIMO Back

**DUT: PAD; Type: ESY15I4-C**

Communication System: UID 0, CW (0); Communication System Band: 5GHz; Duty Cycle: 1:1.0; Frequency: 5700 MHz; Medium parameters used:  $f = 5700$  MHz;  $\sigma = 5.037$  S/m;  $\epsilon r = 34.523$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Phantom section: Flat Section

Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN3710; ConvF(4.75, 4.75, 4.75); Calibrated: 4/9/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/11/2021
- Phantom: ELI1; Type: QDOVA002AA; Serial: TP:2106
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Configuration/WLAN5G 802.11a 5700MHz MIMO Back/Area Scan**

**(16x41x1):** Measurement grid: dx=10mm, dy=10mm

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

**Configuration/WLAN5G 802.11a 5700MHz MIMO Back/Zoom Scan**

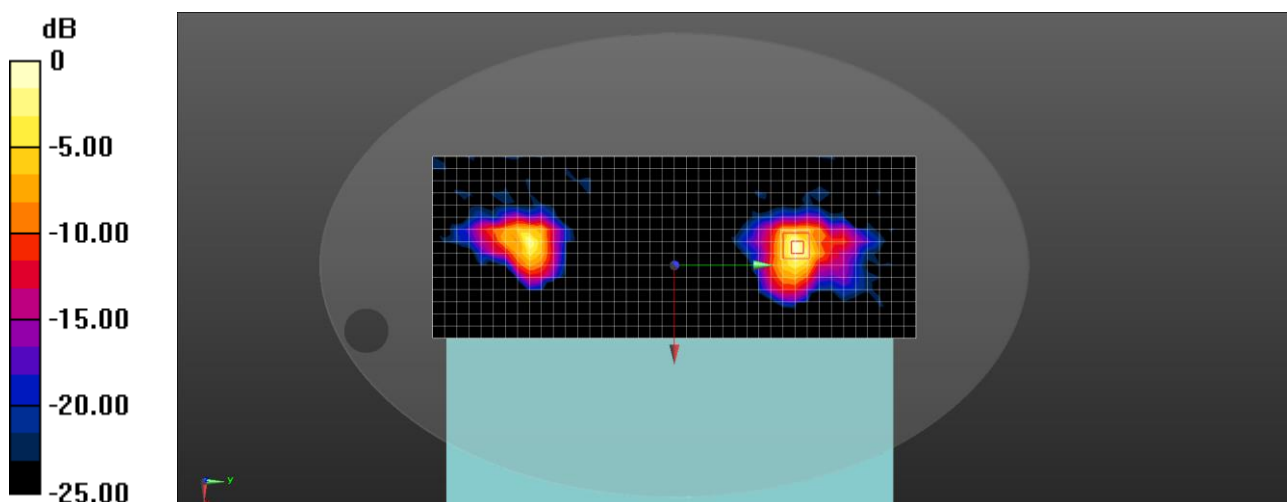
**(7x7x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 2.45 W/kg

**SAR(1 g) = 0.581 W/kg; SAR(10 g) = 0.183 W/kg**

Maximum value of SAR (measured) = 1.40 W/kg



0 dB = 1.40 W/kg = 1.46 dBW/kg

Date/Time: 12/13/2021

Test Laboratory: DEKRA Lab

WLAN5G 802.11a 5745MHz MIMO Back

**DUT: PAD; Type: ESY15I4-C**

Communication System: UID 0, CW (0); Communication System Band: 5GHz; Duty Cycle: 1:1.0; Frequency: 5745 MHz; Medium parameters used:  $f = 5745$  MHz;  $\sigma = 5.085$  S/m;  $\epsilon r = 34.431$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Phantom section: Flat Section

Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN3710; ConvF(4.8, 4.8, 4.8); Calibrated: 4/9/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/11/2021
- Phantom: ELI1; Type: QDOVA002AA; Serial: TP:2106
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Configuration/WLAN5G 802.11a 5745MHz MIMO Back/Area Scan**

**(16x41x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.408 W/kg

**Configuration/WLAN5G 802.11a 5745MHz MIMO Back/Zoom Scan**

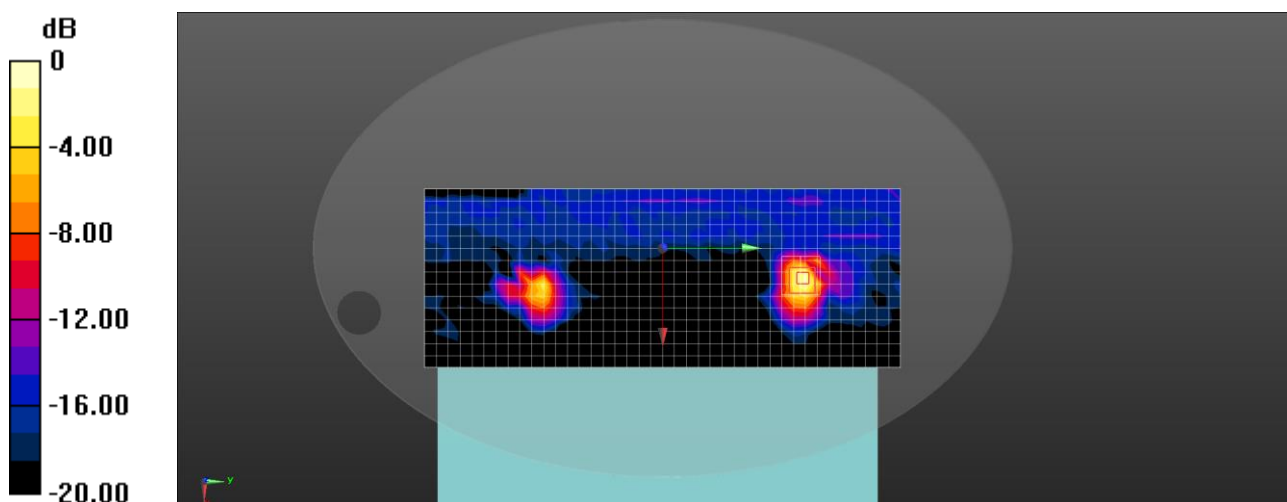
**(9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.884 W/kg

**SAR(1 g) = 0.208 W/kg; SAR(10 g) = 0.064 W/kg**

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



0 dB = 0.507 W/kg = -2.95 dBW/kg

Date/Time: 12/13/2021

Test Laboratory: DEKRA Lab

WLAN5G 802.11a 5745MHz MIMO Top

DUT: PAD; Type: ESY15I4-C

Communication System: UID 0, CW (0); Communication System Band: 5GHz; Duty Cycle: 1:1.0; Frequency: 5745 MHz; Medium parameters used:  $f = 5745$  MHz;  $\sigma = 5.085$  S/m;  $\epsilon r = 34.431$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Phantom section: Flat Section

Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN3710; ConvF(4.8, 4.8, 4.8) @ 5745 MHz; Calibrated: 2021/4/9
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 2021/3/11
- Phantom: ELI1; Type: QDOVA002AA; Serial: TP:2106
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Configuration/WLAN5G 802.11a 5745MHz MIMO Top/Area Scan**

(16x41x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.195 W/kg

**Configuration/WLAN5G 802.11a 5745MHz MIMO Top/Zoom Scan**

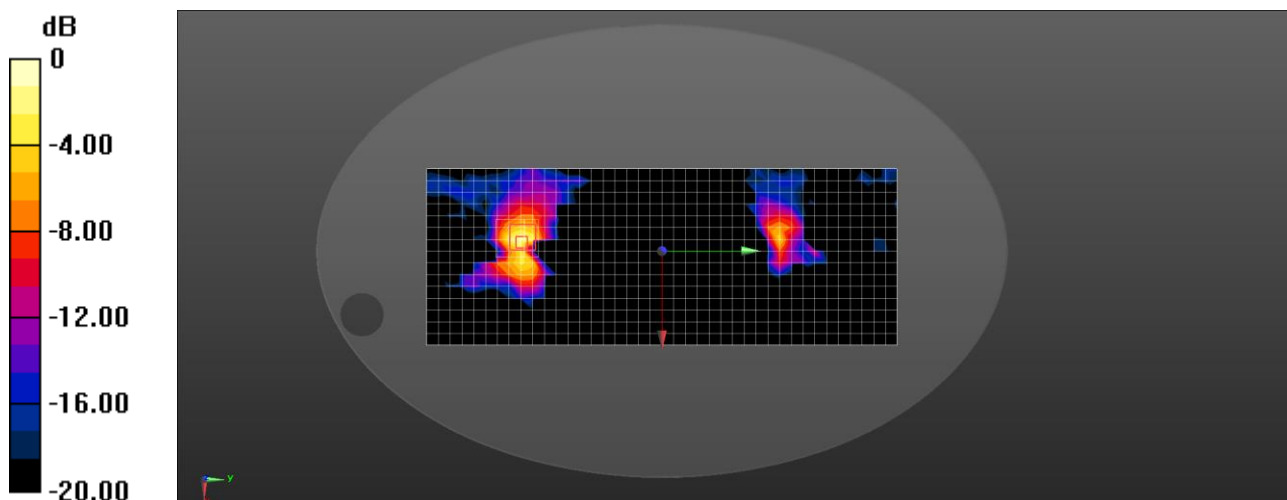
(9x10x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.375 W/kg

**SAR(1 g) = 0.100 W/kg; SAR(10 g) = 0.030 W/kg**

Maximum value of SAR (measured) = 0.242 W/kg



0 dB = 0.242 W/kg = -6.16 dBW/kg

Date/Time: 12/13/2021

Test Laboratory: DEKRA Lab

WLAN5G 802.11a 5785MHz MIMO Back

DUT: PAD; Type: ESY15I4-C

Communication System: UID 0, CW (0); Communication System Band: 5GHz; Duty Cycle: 1:1.0; Frequency: 5785 MHz; Medium parameters used:  $f = 5785$  MHz;  $\sigma = 5.132$  S/m;  $\epsilon r = 34.389$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Phantom section: Flat Section

Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN3710; ConvF(4.8, 4.8, 4.8); Calibrated: 4/9/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/11/2021
- Phantom: ELI1; Type: QDOVA002AA; Serial: TP:2106
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Configuration/WLAN5G 802.11a 5785MHz MIMO Back/Area Scan**

(16x41x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.457 W/kg

**Configuration/WLAN5G 802.11a 5785MHz MIMO Back/Zoom Scan**

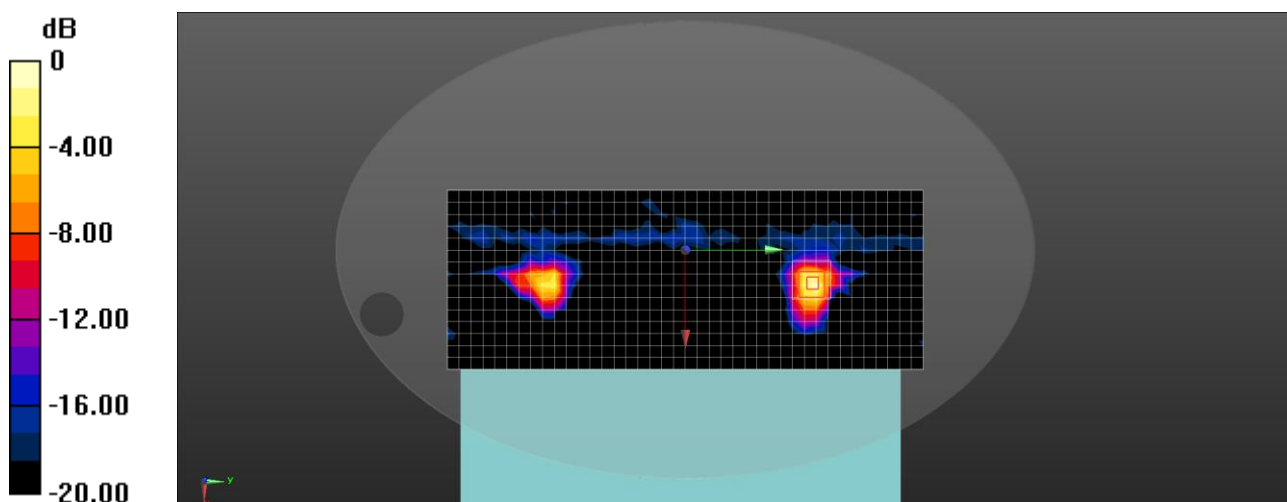
(9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.3020 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 0.825 W/kg

**SAR(1 g) = 0.202 W/kg; SAR(10 g) = 0.067 W/kg**

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



0 dB = 0.511 W/kg = -2.92 dBW/kg

Date/Time: 12/13/2021

Test Laboratory: DEKRA Lab

WLAN5G 802.11a 5825MHz MIMO Back

DUT: PAD; Type: ESY15I4-C

Communication System: UID 0, CW (0); Communication System Band: 5GHz; Duty Cycle: 1:1.0; Frequency: 5825 MHz; Medium parameters used:  $f = 5825$  MHz;  $\sigma = 5.179$  S/m;  $\epsilon r = 34.31$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Phantom section: Flat Section

Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN3710; ConvF(4.8, 4.8, 4.8); Calibrated: 4/9/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/11/2021
- Phantom: ELI1; Type: QDOVA002AA; Serial: TP:2106
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Configuration/WLAN5G 802.11a 5825MHz MIMO Back/Area Scan**

(13x34x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.622 W/kg

**Configuration/WLAN5G 802.11a 5825MHz MIMO Back/Zoom Scan**

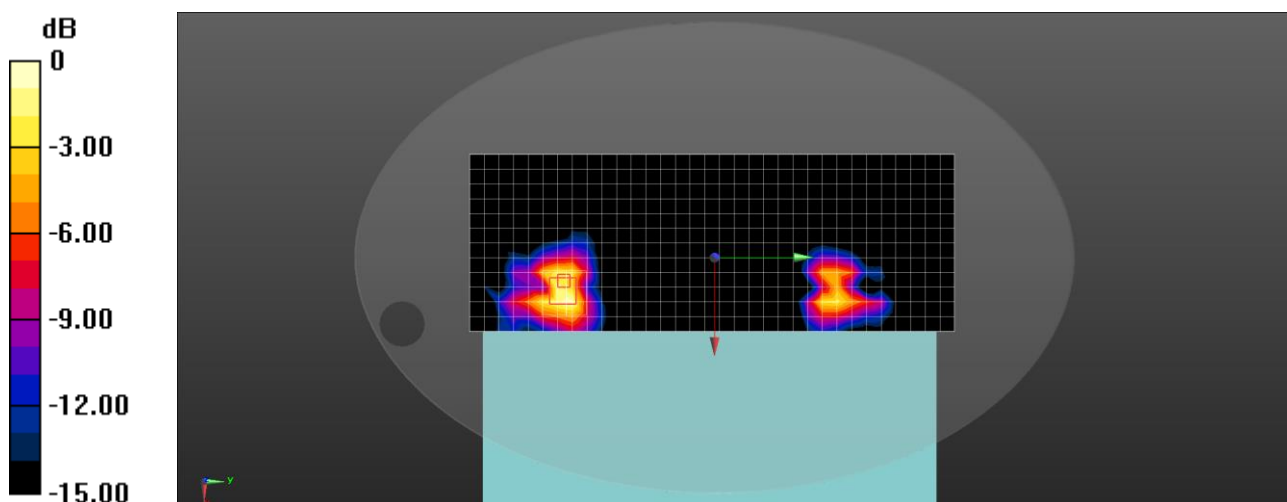
(10x10x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.10 W/kg

**SAR(1 g) = 0.213 W/kg; SAR(10 g) = 0.071 W/kg**

Maximum value of SAR (measured) = 0.735 W/kg



0 dB = 0.735 W/kg = -1.34 dBW/kg



Date/Time: 12/11/2021

Test Laboratory: DEKRA Lab

WLAN5G 802.11a 5300MHz MIMO Main Left

**DUT: PAD; Type: ESY15I4-C**

Communication System: UID 0, CW (0); Communication System Band: 5GHz; Duty Cycle: 1:1.0; Frequency: 5300 MHz; Medium parameters used:  $f = 5300$  MHz;  $\sigma = 4.591$  S/m;  $\epsilon r = 35.223$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Phantom section: Flat Section

Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN3710; ConvF(5.3, 5.3, 5.3); Calibrated: 4/9/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/11/2021
- Phantom: ELI1; Type: QDOVA002AA; Serial: TP:2106
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Configuration/WLAN5G 802.11a 5300MHz MIMO Main Left/Area Scan**

**(13x13x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0585 W/kg

**Configuration/WLAN5G 802.11a 5300MHz MIMO Main Left/Zoom Scan**

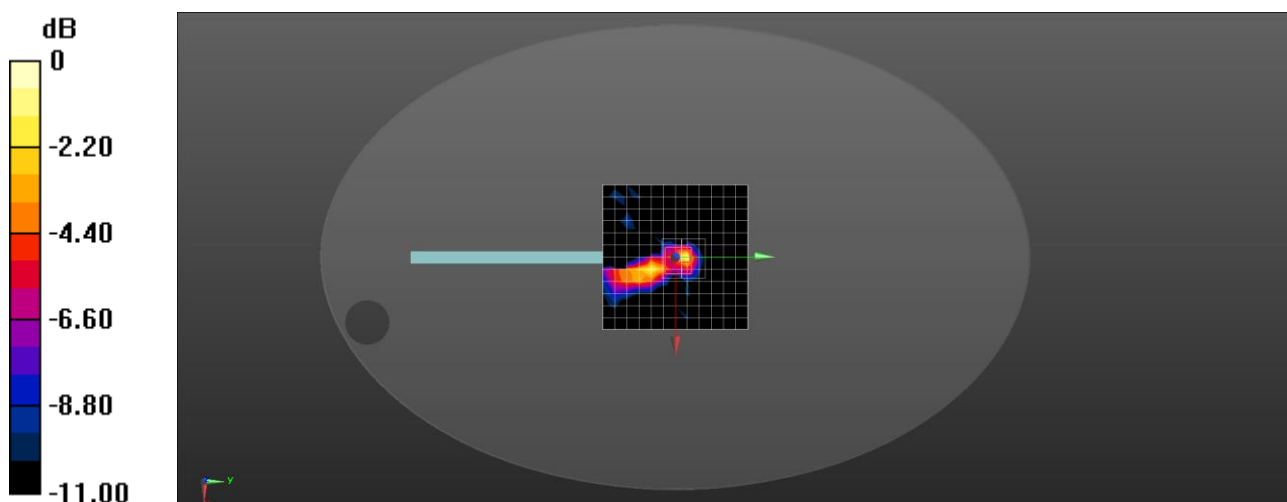
**(9x10x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.406 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 0.164 W/kg

**SAR(1 g) = 0.019 W/kg; SAR(10 g) = 0.00536 W/kg**

Maximum value of SAR (measured) = 0.0660 W/kg



0 dB = 0.0660 W/kg = -11.80 dBW/kg

Date/Time: 12/11/2021

Test Laboratory: DEKRA Lab

WLAN5G 802.11a 5300MHz MIMO Aux Right

**DUT: PAD; Type: ESY15I4-C**

Communication System: UID 0, CW (0); Communication System Band: 5GHz; Duty Cycle: 1:1.0; Frequency: 5300 MHz; Medium parameters used:  $f = 5300$  MHz;  $\sigma = 4.591$  S/m;  $\epsilon r = 35.223$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Phantom section: Flat Section

Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN3710; ConvF(5.3, 5.3, 5.3); Calibrated: 4/9/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/11/2021
- Phantom: ELI1; Type: QDOVA002AA; Serial: TP:2106
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Configuration/WLAN5G 802.11a 5300MHz MIMO Aux Right/Area Scan**

**(13x13x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0467 W/kg

**Configuration/WLAN5G 802.11a 5300MHz MIMO Aux Right/Zoom Scan**

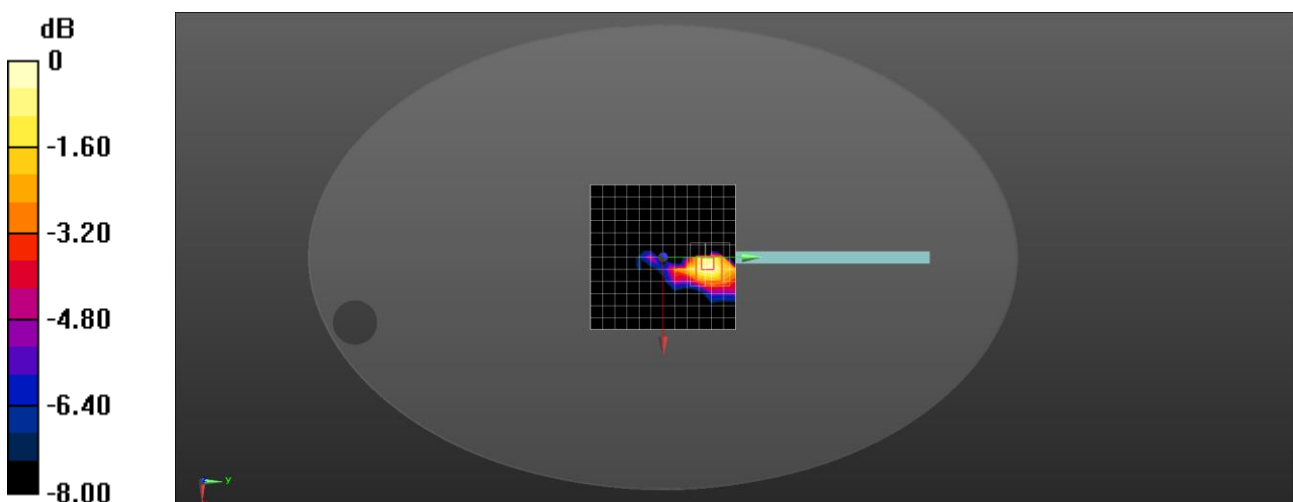
**(10x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.677 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.161 W/kg

**SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.00598 W/kg**

Maximum value of SAR (measured) = 0.0484 W/kg



0 dB = 0.0484 W/kg = -13.15 dBW/kg

Date/Time: 12/12/2021

Test Laboratory: DEKRA Lab

WLAN5G 802.11a 5500MHz MIMO Main Left

**DUT: PAD; Type: ESY15I4-C**

Communication System: UID 0, CW (0); Communication System Band: 5GHz; Duty Cycle: 1:1.0; Frequency: 5500 MHz; Medium parameters used:  $f = 5500$  MHz;  $\sigma = 4.802$  S/m;  $\epsilon r = 34.85$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Phantom section: Flat Section

Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN3710; ConvF(4.75, 4.75, 4.75); Calibrated: 4/9/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/11/2021
- Phantom: ELI1; Type: QDOVA002AA; Serial: TP:2106
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Configuration/WLAN5G 802.11a 5500MHz MIMO Main Left/Area Scan**

**(13x13x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0611 W/kg

**Configuration/WLAN5G 802.11a 5500MHz MIMO Main Left/Zoom Scan**

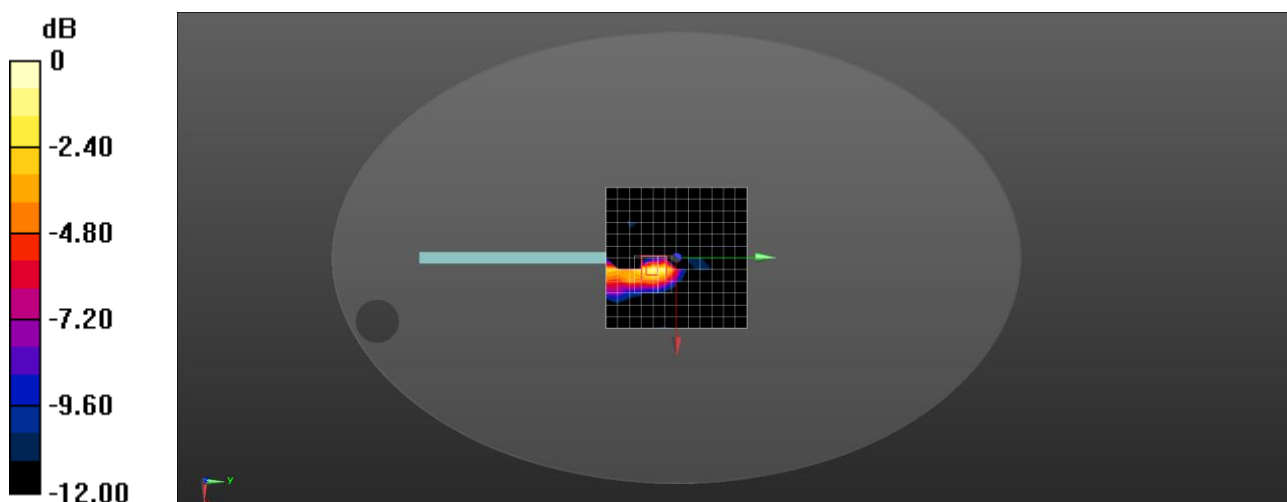
**(9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.378 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 0.302 W/kg

**SAR(1 g) = 0.029 W/kg; SAR(10 g) = 0.0085 W/kg**

Maximum value of SAR (measured) = 0.0695 W/kg



0 dB = 0.0695 W/kg = -11.58 dBW/kg

Date/Time: 12/12/2021

Test Laboratory: DEKRA Lab

WLAN5G 802.11a 5500MHz MIMO Aux Right

**DUT: PAD; Type: ESY15I4-C**

Communication System: UID 0, CW (0); Communication System Band: 5GHz; Duty Cycle: 1:1.0; Frequency: 5500 MHz; Medium parameters used:  $f = 5500$  MHz;  $\sigma = 4.802$  S/m;  $\epsilon r = 34.85$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Phantom section: Flat Section

Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN3710; ConvF(4.75, 4.75, 4.75); Calibrated: 4/9/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/11/2021
- Phantom: ELI1; Type: QDOVA002AA; Serial: TP:2106
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Configuration/WLAN5G 802.11a 5500MHz MIMO Aux Right/Area Scan**

**(13x13x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0458 W/kg

**Configuration/WLAN5G 802.11a 5500MHz MIMO Aux Right/Zoom Scan**

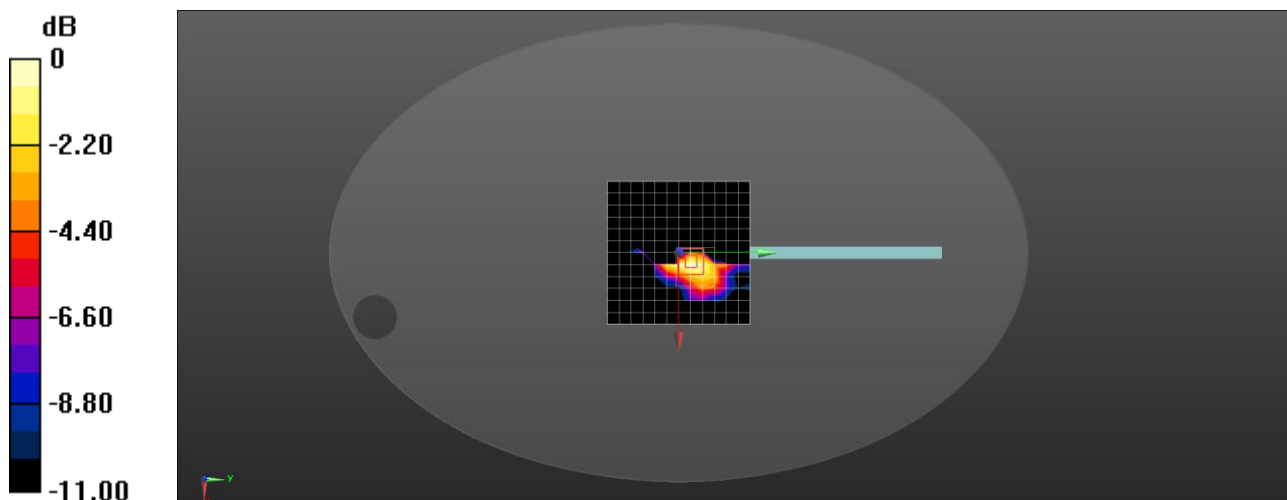
**(9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0.9150 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 0.270 W/kg

**SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.00385 W/kg**

Maximum value of SAR (measured) = 0.0426 W/kg



0 dB = 0.0426 W/kg = -13.71 dBW/kg

Date/Time: 12/13/2021

Test Laboratory: DEKRA Lab

WLAN5G 802.11a 5745MHz MIMO Main Left

**DUT: PAD; Type: ESY15I4-C**

Communication System: UID 0, CW (0); Communication System Band: 5GHz; Duty Cycle: 1:1.0; Frequency: 5745 MHz; Medium parameters used:  $f = 5745$  MHz;  $\sigma = 5.085$  S/m;  $\epsilon r = 34.431$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Phantom section: Flat Section

Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN3710; ConvF(4.8, 4.8, 4.8); Calibrated: 4/9/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/11/2021
- Phantom: ELI1; Type: QDOVA002AA; Serial: TP:2106
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Configuration/WLAN5G 802.11a 5745MHz MIMO Main Left/Area Scan**

**(13x13x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0571 W/kg

**Configuration/WLAN5G 802.11a 5745MHz MIMO Main Left/Zoom Scan**

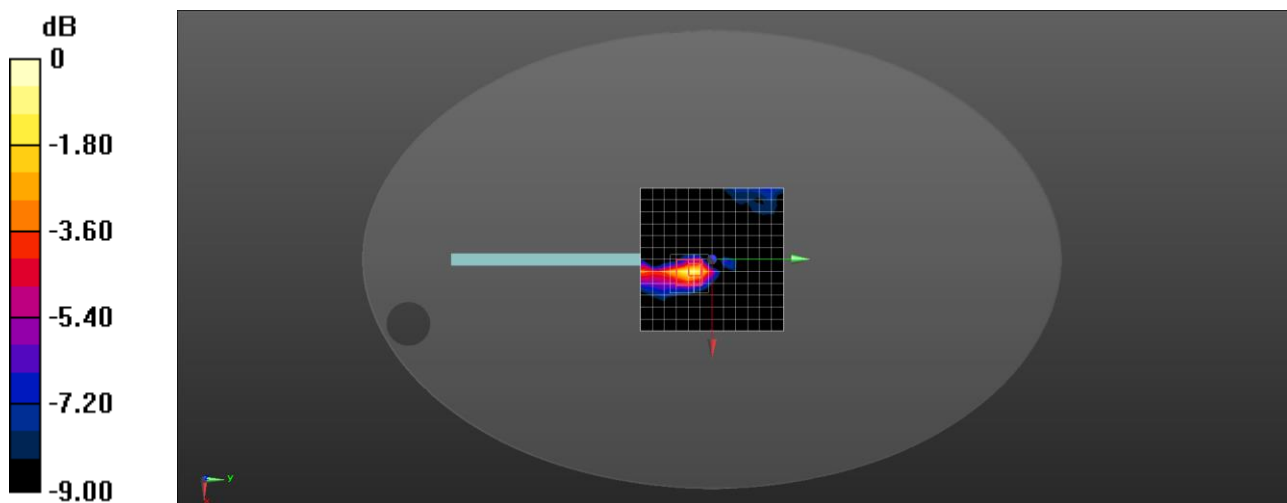
**(9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.061 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 0.125 W/kg

**SAR(1 g) = 0.028 W/kg; SAR(10 g) = 0.00543 W/kg**

Maximum value of SAR (measured) = 0.0678 W/kg



0 dB = 0.0678 W/kg = -11.69 dBW/kg

Date/Time: 12/13/2021

Test Laboratory: DEKRA Lab

WLAN5G 802.11a 5745MHz MIMO Aux Right

**DUT: PAD; Type: ESY15I4-C**

Communication System: UID 0, CW (0); Communication System Band: 5GHz; Duty Cycle: 1:1.0; Frequency: 5745 MHz; Medium parameters used:  $f = 5745$  MHz;  $\sigma = 5.085$  S/m;  $\epsilon r = 34.431$ ;  $\rho = 1000$  kg/m<sup>3</sup> ;

Phantom section: Flat Section

Ambient temperature (°C): 21.5, Liquid temperature (°C): 21.0

DASY5 Configuration:

- Probe: EX3DV4 - SN3710; ConvF(4.8, 4.8, 4.8); Calibrated: 4/9/2021
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1220; Calibrated: 3/11/2021
- Phantom: ELI1; Type: QDOVA002AA; Serial: TP:2106
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Configuration/WLAN5G 802.11a 5745MHz MIMO Aux Right/Area Scan**

**(13x13x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0480 W/kg

**Configuration/WLAN5G 802.11a 5745MHz MIMO Aux Right/Zoom Scan**

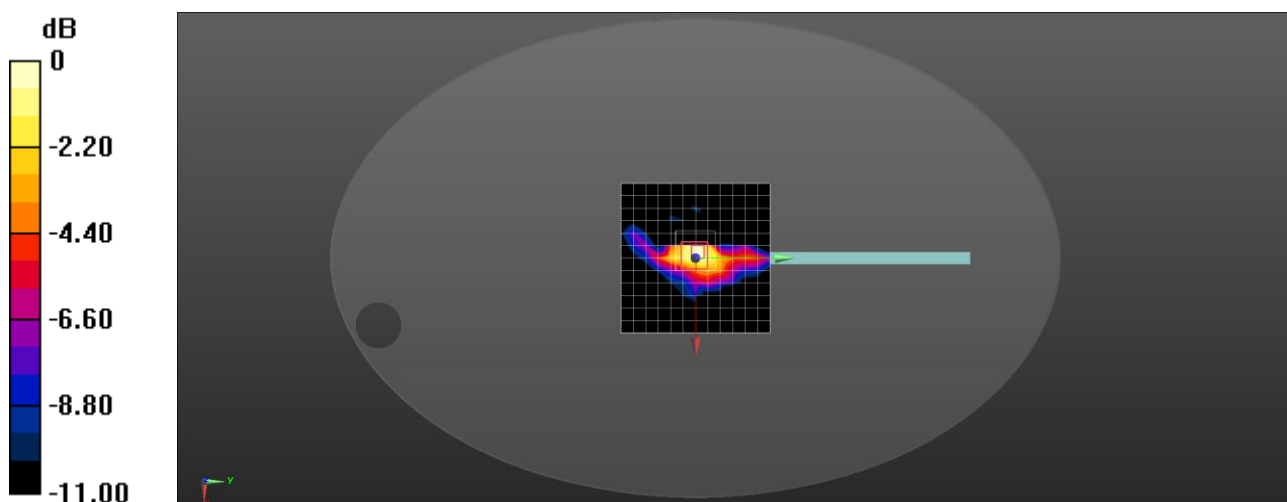
**(9x9x7)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.077 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.202 W/kg

**SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.00442 W/kg**

Maximum value of SAR (measured) = 0.0491 W/kg



0 dB = 0.0491 W/kg = -13.09 dBW/kg

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The End