

## W-CDMA Band II

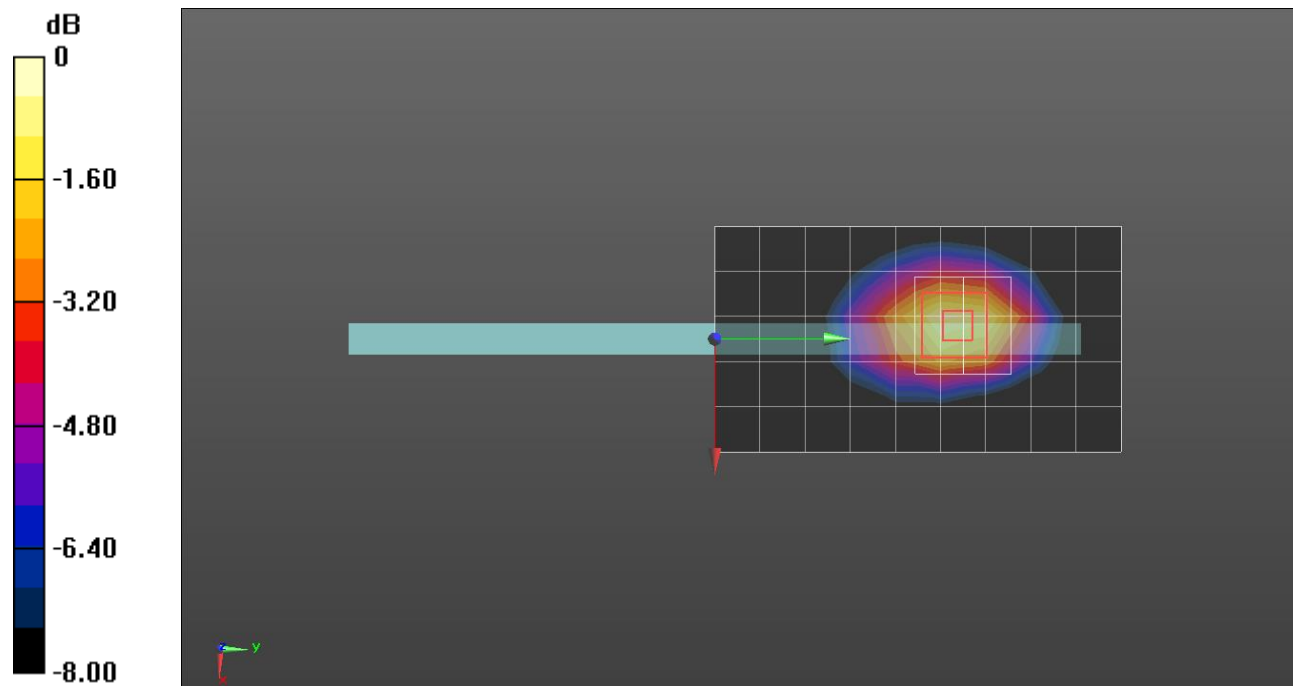
Frequency: 1880 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used:  $f = 1880$  MHz;  $\sigma = 1.424$  S/m;  $\epsilon_r = 38.911$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1671; Calibrated: 5/31/2022
- Probe: EX3DV4 - SN7651; ConvF(8.57, 8.57, 8.57) @ 1880 MHz; Calibrated: 5/30/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2005

**Edge 1/Rel.99 ch.9400/Area Scan (6x10x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.972 W/kg

**Edge 1/Rel.99 ch.9400/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm  
 Reference Value = 24.94 V/m; Power Drift = -0.07 dB  
 Peak SAR (extrapolated) = 1.28 W/kg  
**SAR(1 g) = 0.722 W/kg; SAR(10 g) = 0.417 W/kg**  
 Maximum value of SAR (measured) = 1.06 W/kg



0 dB = 1.06 W/kg = 0.25 dBW/kg

## W-CDMA Band IV

Frequency: 1752.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used (interpolated):  $f = 1752.6$  MHz;  $\sigma = 1.429$  S/m;  $\epsilon_r = 40.371$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1671; Calibrated: 5/31/2022
- Probe: EX3DV4 - SN7651; ConvF(8.93, 8.93, 8.93) @ 1752.6 MHz; Calibrated: 5/30/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2005

**Rear/Rel.99 ch.1513/Area Scan (9x11x1):** Measurement grid: dx=15mm, dy=15mm

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

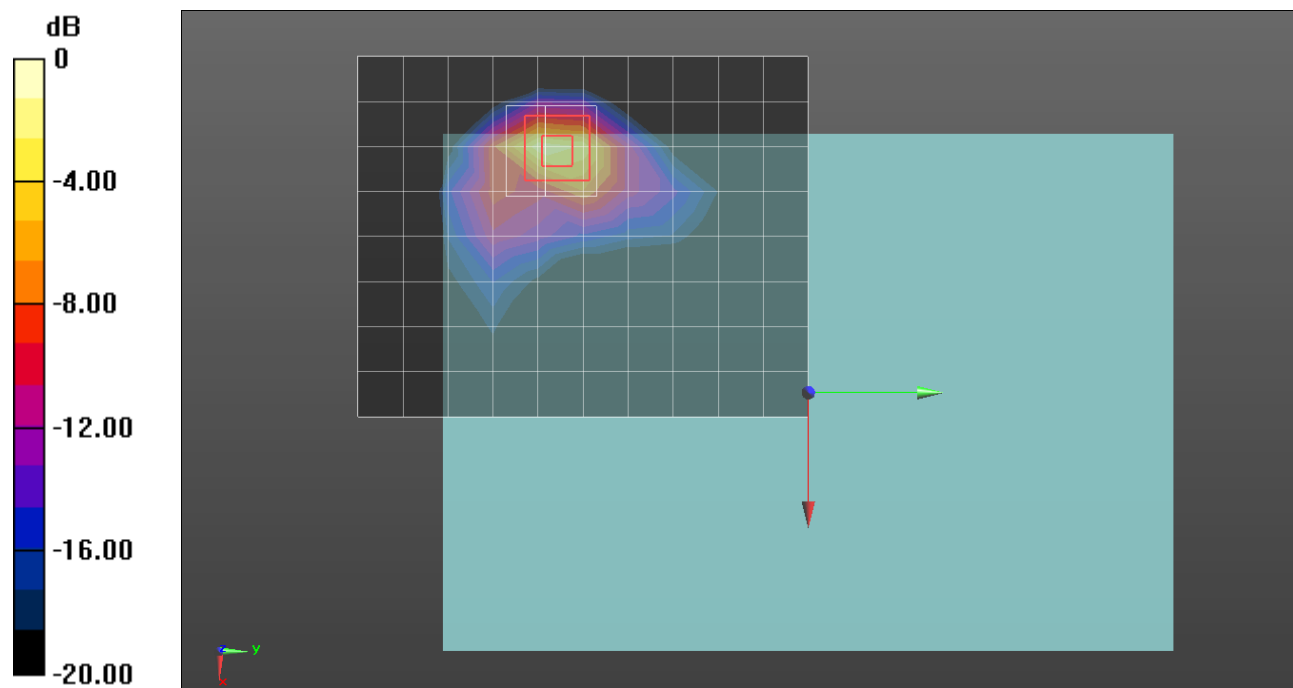
**Rear/Rel.99 ch.1513/Zoom Scan (8x8x8)/Cube 0:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=1.4mm

Reference Value = 29.91 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 2.53 W/kg

**SAR(1 g) = 0.863 W/kg; SAR(10 g) = 0.367 W/kg**

Maximum value of SAR (measured) = 1.62 W/kg



0 dB = 1.62 W/kg = 2.10 dBW/kg

## W-CDMA Band V

Frequency: 836.6 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used (interpolated):  $f = 836.6$  MHz;  $\sigma = 0.912$  S/m;  $\epsilon_r = 43.317$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1447; Calibrated: 3/25/2022
- Probe: EX3DV4 - SN7646; ConvF(10.3, 10.3, 10.3) @ 836.6 MHz; Calibrated: 3/29/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1195

**Edge 2 /Rel.99 ch.4183/Area Scan (6x15x1):** Measurement grid: dx=15mm, dy=15mm

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

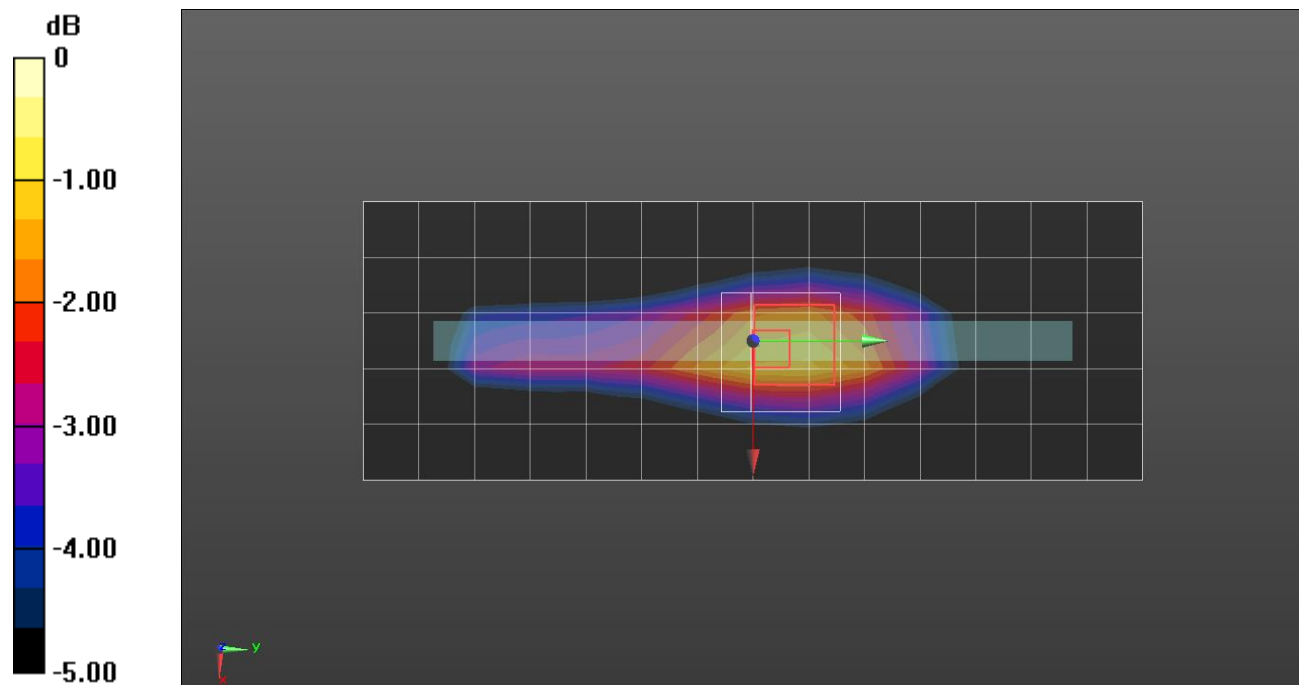
**Edge 2 /Rel.99 ch.4183/Area Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 26.02 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.904 W/kg

**SAR(1 g) = 0.509 W/kg; SAR(10 g) = 0.336 W/kg**

Maximum value of SAR (measured) = 0.751 W/kg



0 dB = 0.751 W/kg = -1.24 dBW/kg

## LTE Band 5

Frequency: 836.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.914$  S/m;  $\epsilon_r = 41.326$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1447; Calibrated: 3/25/2022
- Probe: EX3DV4 - SN7646; ConvF(10.3, 10.3, 10.3) @ 836.5 MHz; Calibrated: 3/29/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1195

**Edge 2/QPSK RB 1/0 ch.20525/Area Scan (14x5x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.666 W/kg

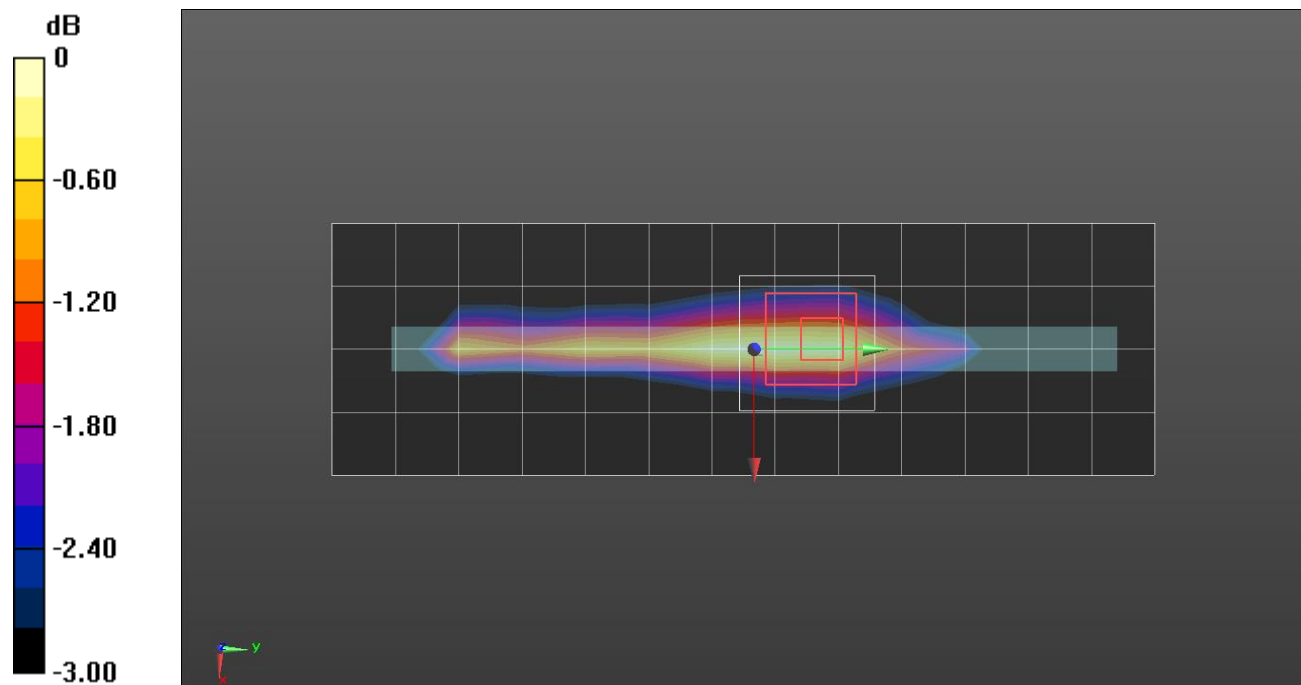
**Edge 2/QPSK RB 1/0 ch.20525/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 24.54 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.809 W/kg

**SAR(1 g) = 0.439 W/kg; SAR(10 g) = 0.279 W/kg**

Maximum value of SAR (measured) = 0.670 W/kg



0 dB = 0.670 W/kg = -1.74 dBW/kg

## LTE Band 7

Frequency: 2560 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used:  $f = 2560$  MHz;  $\sigma = 1.896$  S/m;  $\epsilon_r = 38.208$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1670; Calibrated: 6/7/2022
- Probe: EX3DV4 - SN7652; ConvF(7.94, 7.94, 7.94) @ 2560 MHz; Calibrated: 4/28/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt) (Left); Type: QD OVA 003 AA; Serial: 2111

**Rear/QPSK RB 50/0 ch.21350/Area Scan (18x13x1):** Measurement grid: dx=12mm, dy=12mm  
 Maximum value of SAR (measured) = 1.51 W/kg

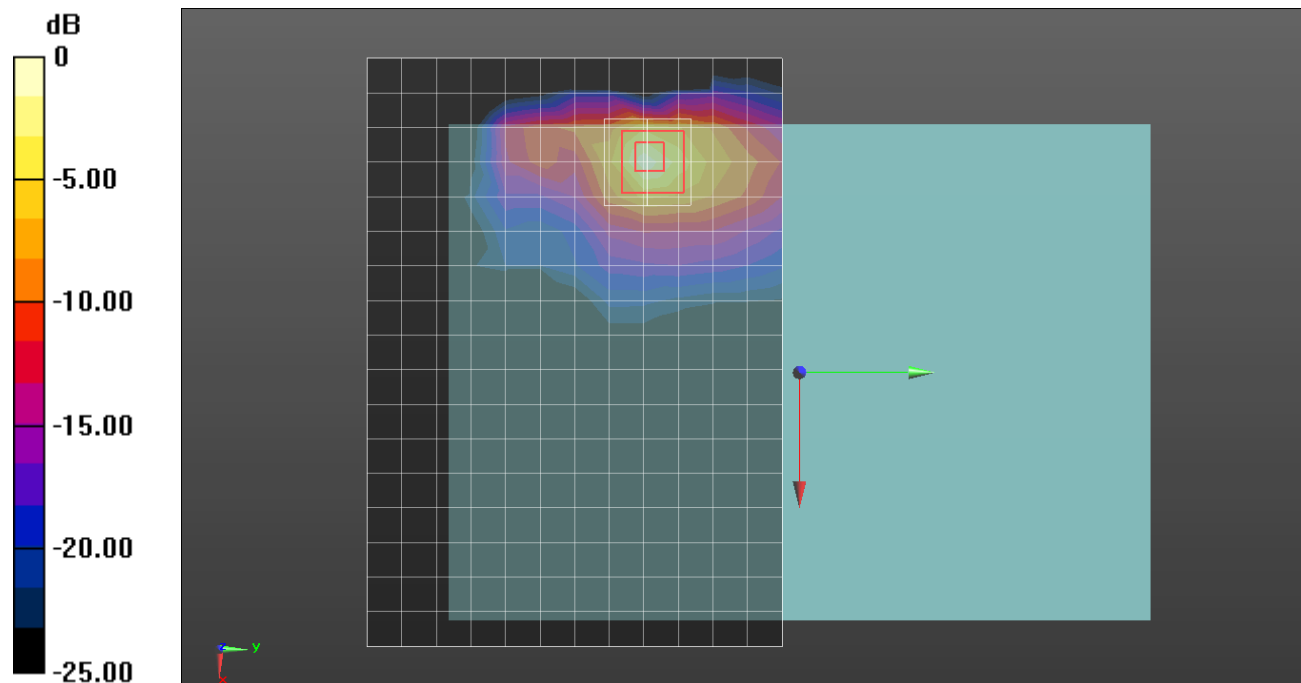
**Rear/QPSK RB 50/0 ch.21350/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 26.47 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 2.41 W/kg

**SAR(1 g) = 0.840 W/kg; SAR(10 g) = 0.307 W/kg**

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



0 dB = 1.61 W/kg = 2.07 dBW/kg

## LTE Band 12

Frequency: 707.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used (interpolated):  $f = 707.5$  MHz;  $\sigma = 0.867$  S/m;  $\epsilon_r = 43.807$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1447; Calibrated: 3/25/2022
- Probe: EX3DV4 - SN7646; ConvF(10.57, 10.57, 10.57) @ 707.5 MHz; Calibrated: 3/29/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1195

**Edge 2/QPSK RB 1/0 ch.23095/Area Scan (14x5x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.296 W/kg

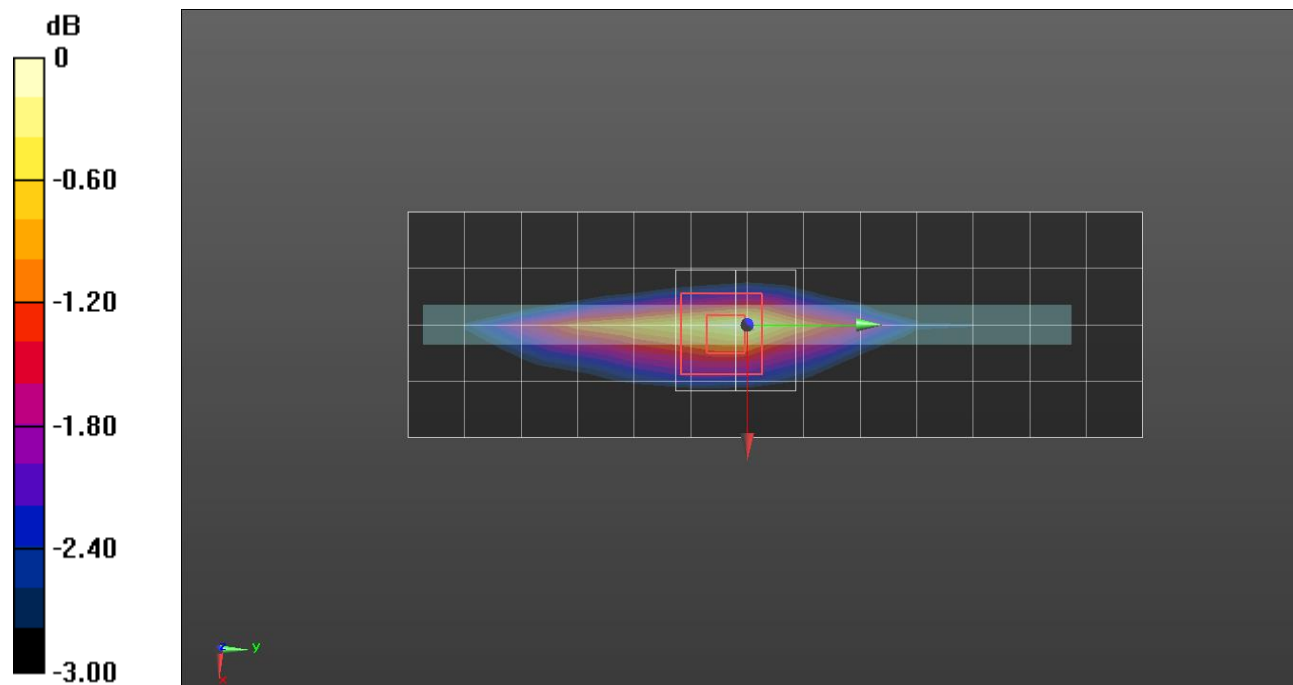
**Edge 2/QPSK RB 1/0 ch.23095/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 17.10 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.366 W/kg

**SAR(1 g) = 0.212 W/kg; SAR(10 g) = 0.138 W/kg**

Maximum value of SAR (measured) = 0.308 W/kg



0 dB = 0.308 W/kg = -5.11 dBW/kg

## LTE Band 13

Frequency: 782 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
Medium parameters used (interpolated):  $f = 782$  MHz;  $\sigma = 0.894$  S/m;  $\epsilon_r = 43.511$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1447; Calibrated: 3/25/2022
- Probe: EX3DV4 - SN7646; ConvF(10.57, 10.57, 10.57) @ 782 MHz; Calibrated: 3/29/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1195

**Edge 2/QPSK RB 1/0 ch.23230/Area Scan (14x5x1):** Measurement grid: dx=15mm, dy=15mm  
Maximum value of SAR (measured) = 0.705 W/kg

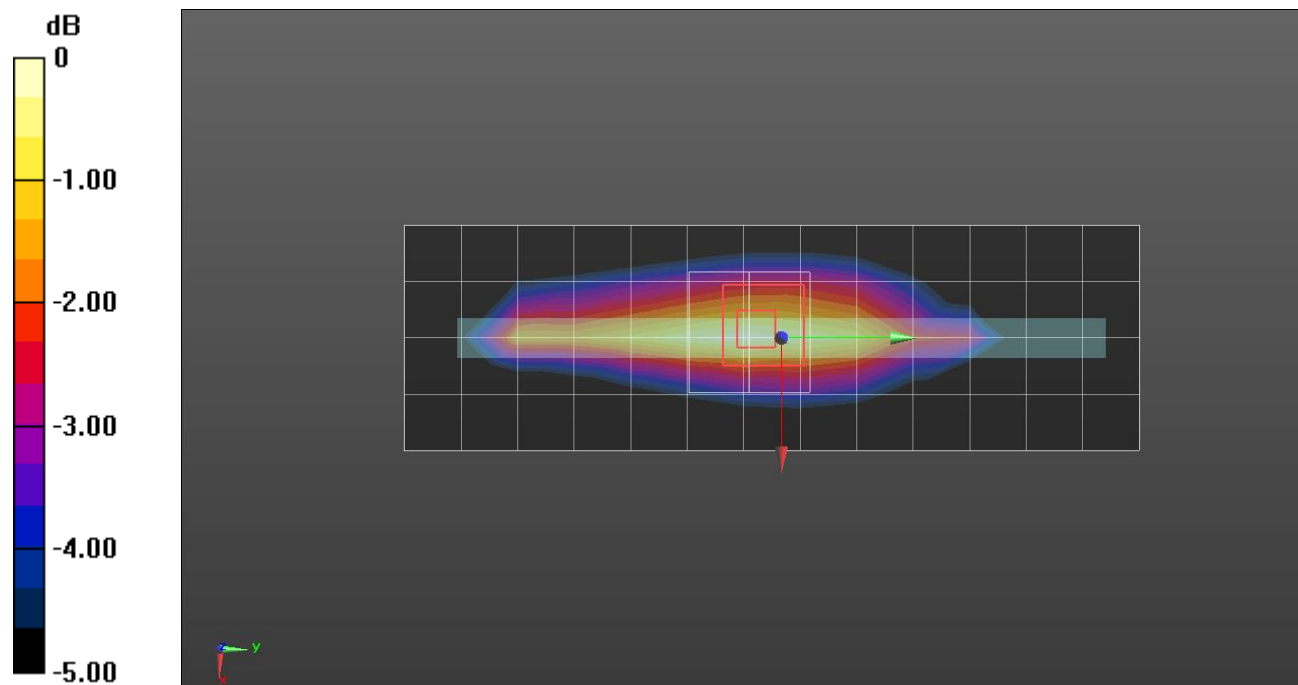
**Edge 2/QPSK RB 1/0 ch.23230/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.96 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.845 W/kg

**SAR(1 g) = 0.491 W/kg; SAR(10 g) = 0.318 W/kg**

Maximum value of SAR (measured) = 0.716 W/kg



0 dB = 0.716 W/kg = -1.45 dBW/kg

## LTE Band 14

Frequency: 793 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used (interpolated):  $f = 793$  MHz;  $\sigma = 0.897$  S/m;  $\epsilon_r = 43.468$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1447; Calibrated: 3/25/2022
- Probe: EX3DV4 - SN7646; ConvF(10.57, 10.57, 10.57) @ 793 MHz; Calibrated: 3/29/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1195

**Edge 2/QPSK RB 1/0 ch.23330/Area Scan (15x5x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.654 W/kg

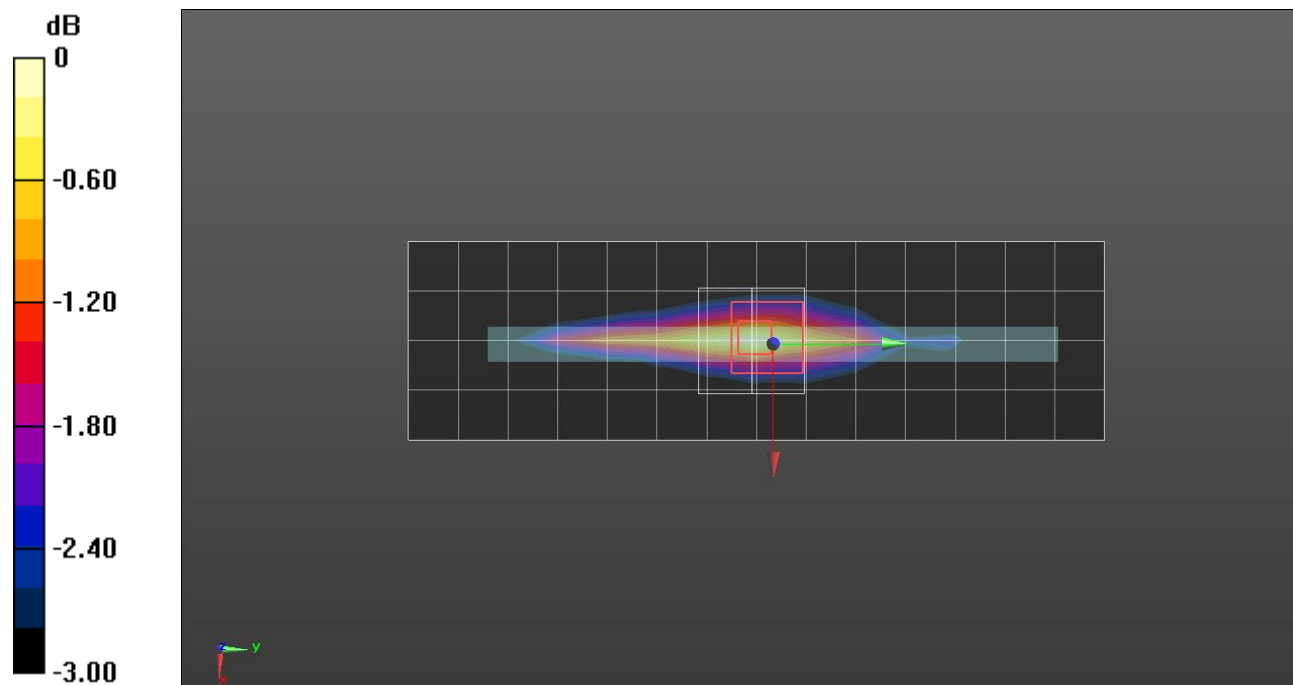
**Edge 2/QPSK RB 1/0 ch.23330/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 25.09 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 0.768 W/kg

**SAR(1 g) = 0.451 W/kg; SAR(10 g) = 0.295 W/kg**

Maximum value of SAR (measured) = 0.656 W/kg



0 dB = 0.656 W/kg = -1.83 dBW/kg



## LTE Band 25

Frequency: 1882.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used (interpolated):  $f = 1882.5$  MHz;  $\sigma = 1.444$  S/m;  $\epsilon_r = 38.715$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1671; Calibrated: 5/31/2022
- Probe: EX3DV4 - SN7314; ConvF(8.08, 8.08, 8.08) @ 1882.5 MHz; Calibrated: 5/31/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2005

**Edge 1/QPSK RB 1/99 ch.26365/Area Scan (21x5x1):** Measurement grid: dx=15mm, dy=15mm

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

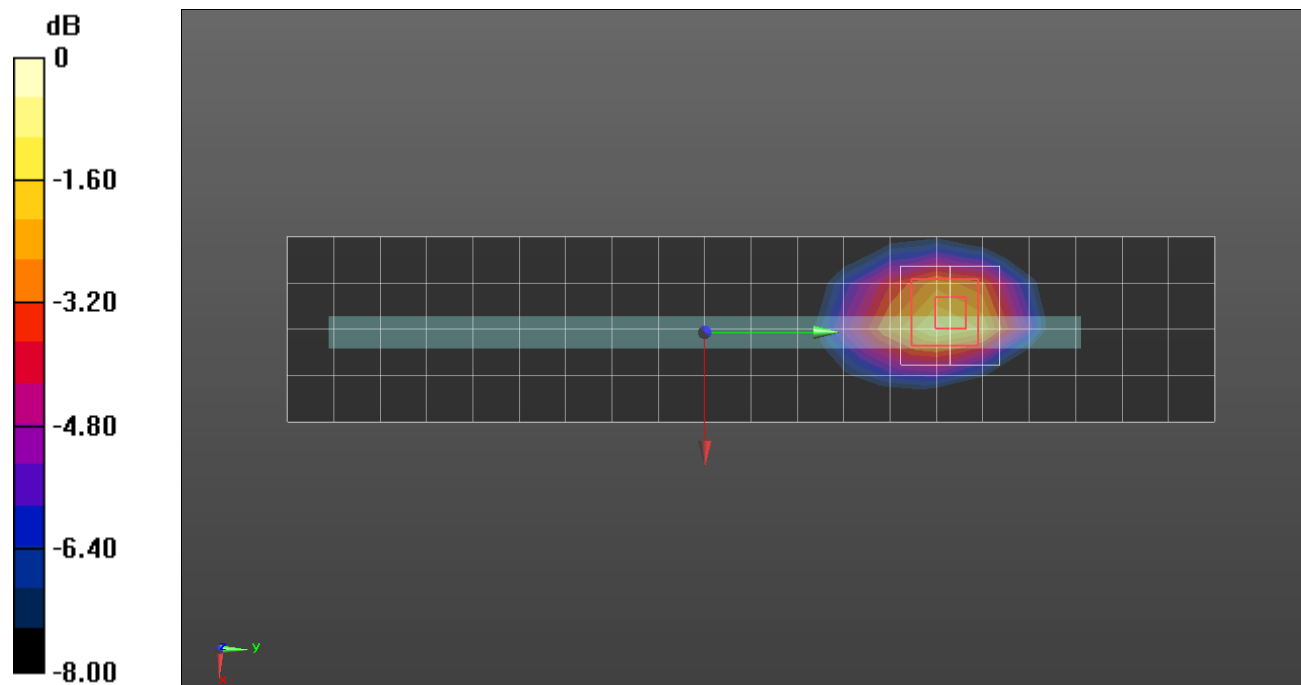
**Edge 1/QPSK RB 1/99 ch.26365/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.67 V/m; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.68 W/kg

**SAR(1 g) = 0.937 W/kg; SAR(10 g) = 0.535 W/kg**

Maximum value of SAR (measured) = 1.39 W/kg



0 dB = 1.39 W/kg = 1.43 dBW/kg

## LTE Band 26

Frequency: 831.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used (interpolated):  $f = 831.5$  MHz;  $\sigma = 0.91$  S/m;  $\epsilon_r = 43.329$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1447; Calibrated: 3/25/2022
- Probe: EX3DV4 - SN7646; ConvF(10.3, 10.3, 10.3) @ 831.5 MHz; Calibrated: 3/29/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1195

**Edge 2/QPSK RB 1/37 ch.26865/Area Scan (14x5x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.608 W/kg

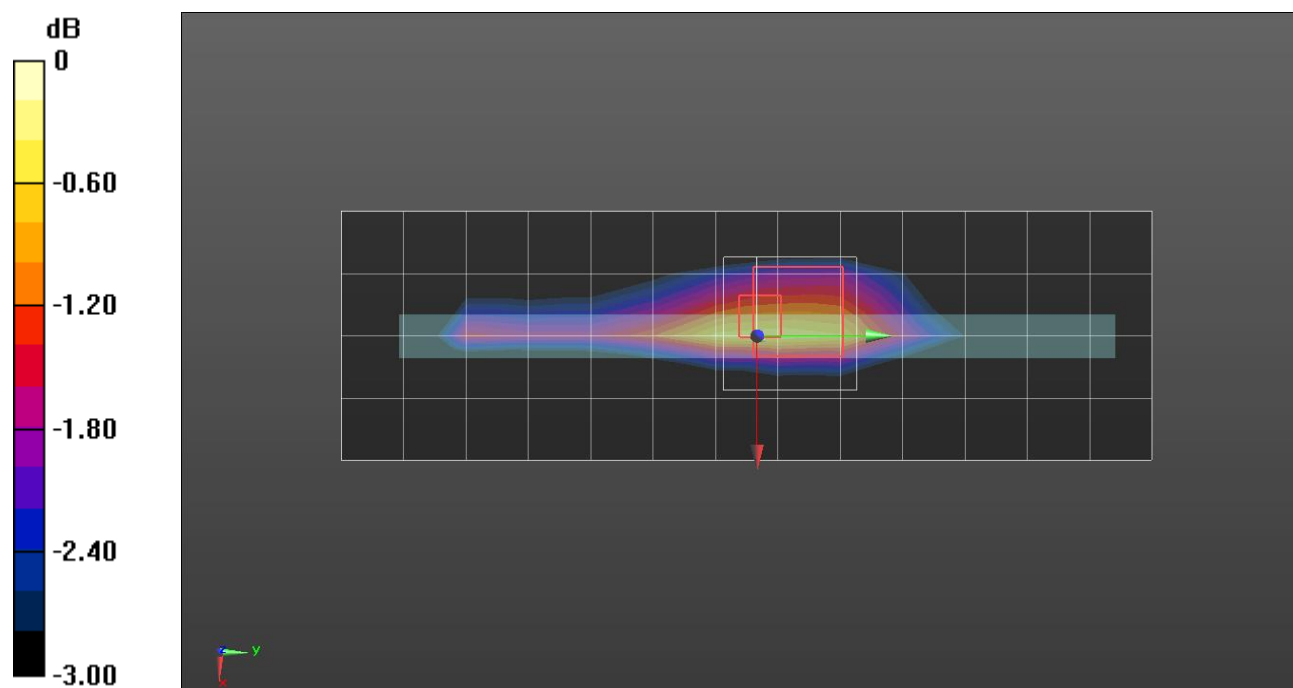
**Edge 2/QPSK RB 1/37 ch.26865/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.86 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.809 W/kg

**SAR(1 g) = 0.461 W/kg; SAR(10 g) = 0.304 W/kg**

Maximum value of SAR (measured) = 0.668 W/kg



0 dB = 0.668 W/kg = -1.75 dBW/kg

## LTE Band 41

Frequency: 2549.5 MHz; Duty Cycle: 1:2.30675; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
Medium parameters used:  $f = 2550$  MHz;  $\sigma = 1.911$  S/m;  $\epsilon_r = 38.77$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1670; Calibrated: 6/7/2022
- Probe: EX3DV4 - SN7330; ConvF(7.85, 7.85, 7.85) @ 2549.5 MHz; Calibrated: 1/28/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt) (Left); Type: QD OVA 003 AA; Serial: 2111

**Rear/QPSK RB 1/0 ch.40185/Area Scan (18x13x1):** Measurement grid: dx=12mm, dy=12mm

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

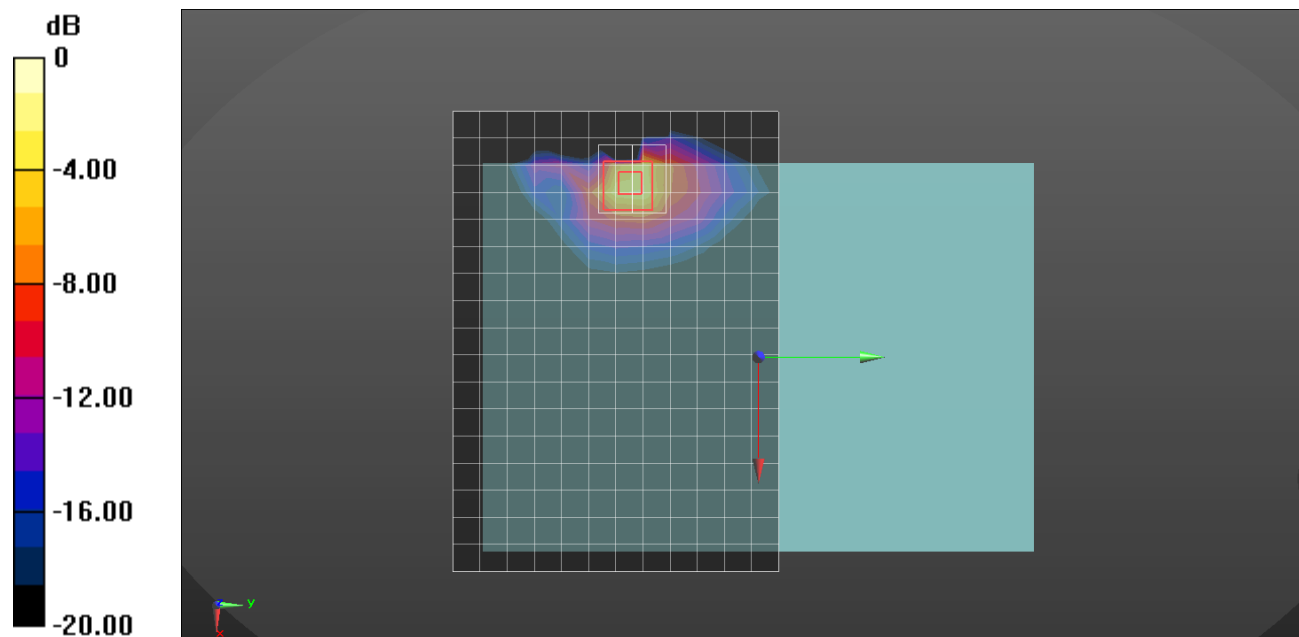
**Rear/QPSK RB 1/0 ch.40185/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 20.94 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.65 W/kg

**SAR(1 g) = 0.852 W/kg; SAR(10 g) = 0.320 W/kg**

Maximum value of SAR (measured) = 1.78 W/kg



0 dB = 1.78 W/kg = 2.50 dBW/kg

## LTE Band 48

Frequency: 3603.3 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used (interpolated):  $f = 3603.3$  MHz;  $\sigma = 2.987$  S/m;  $\epsilon_r = 38.488$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1668; Calibrated: 4/27/2022
- Probe: EX3DV4 - SN7313; ConvF(6.88, 6.88, 6.88) @ 3603.3 MHz; Calibrated: 3/2/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:xxxx

**Rear/QPSK RB 50/24 ch.55773/Area Scan (9x13x1):** Measurement grid: dx=12mm, dy=12mm

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

**Rear/QPSK RB 50/24 ch.55773/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm,

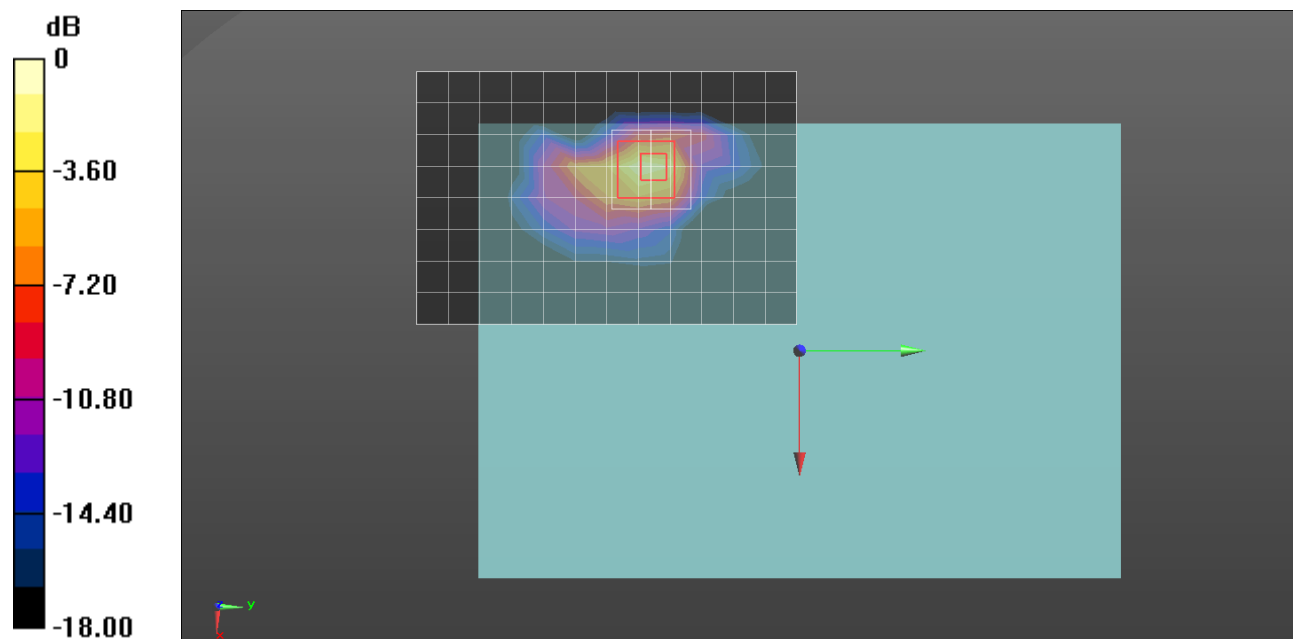
dz=1.4mm

Reference Value = 12.97 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.30 W/kg

**SAR(1 g) = 0.385 W/kg; SAR(10 g) = 0.136 W/kg**

Maximum value of SAR (measured) = 0.826 W/kg



0 dB = 0.826 W/kg = -0.83 dBW/kg

## LTE Band 66

Frequency: 1770 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used:  $f = 1770$  MHz;  $\sigma = 1.368$  S/m;  $\epsilon_r = 38.547$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1343; Calibrated: 8/23/2021
- Probe: EX3DV4 - SN7651; ConvF(8.93, 8.93, 8.93) @ 1770 MHz; Calibrated: 5/30/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt); Type: QD OVA 003 AA; Serial: 2013

**Rear/QPSK RB 1/49 ch.132572/Area Scan (15x11x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 1.31 W/kg

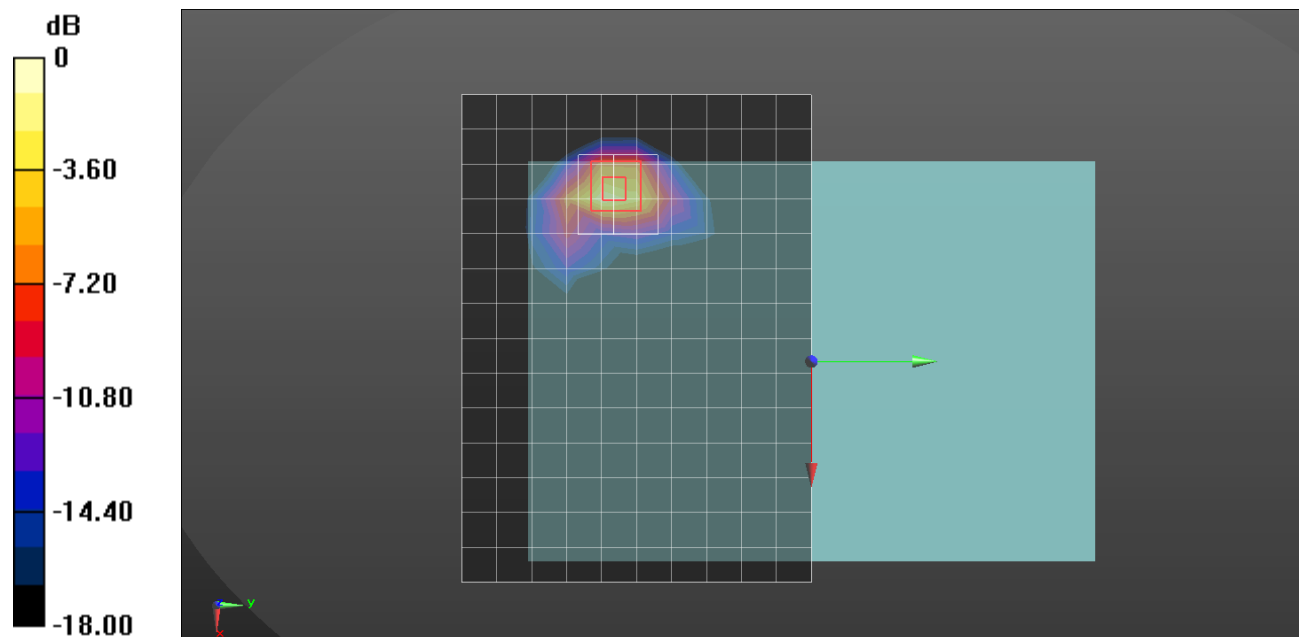
**Rear/QPSK RB 1/49 ch.132572/Zoom Scan (10x10x8)/Cube 0:** Measurement grid: dx=3.8mm, dy=3.8mm, dz=1.4mm

Reference Value = 27.47 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 2.49 W/kg

**SAR(1 g) = 0.918 W/kg; SAR(10 g) = 0.396 W/kg**

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



0 dB = 1.74 W/kg = 2.41 dBW/kg

## LTE Band 71

Frequency: 680.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used (interpolated):  $f = 680.5$  MHz;  $\sigma = 0.858$  S/m;  $\epsilon_r = 43.942$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1447; Calibrated: 3/25/2022
- Probe: EX3DV4 - SN7646; ConvF(10.57, 10.57, 10.57) @ 680.5 MHz; Calibrated: 3/29/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1195

**Edge 2/QPSK RB 1/0 ch.133297/Area Scan (15x5x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.396 W/kg

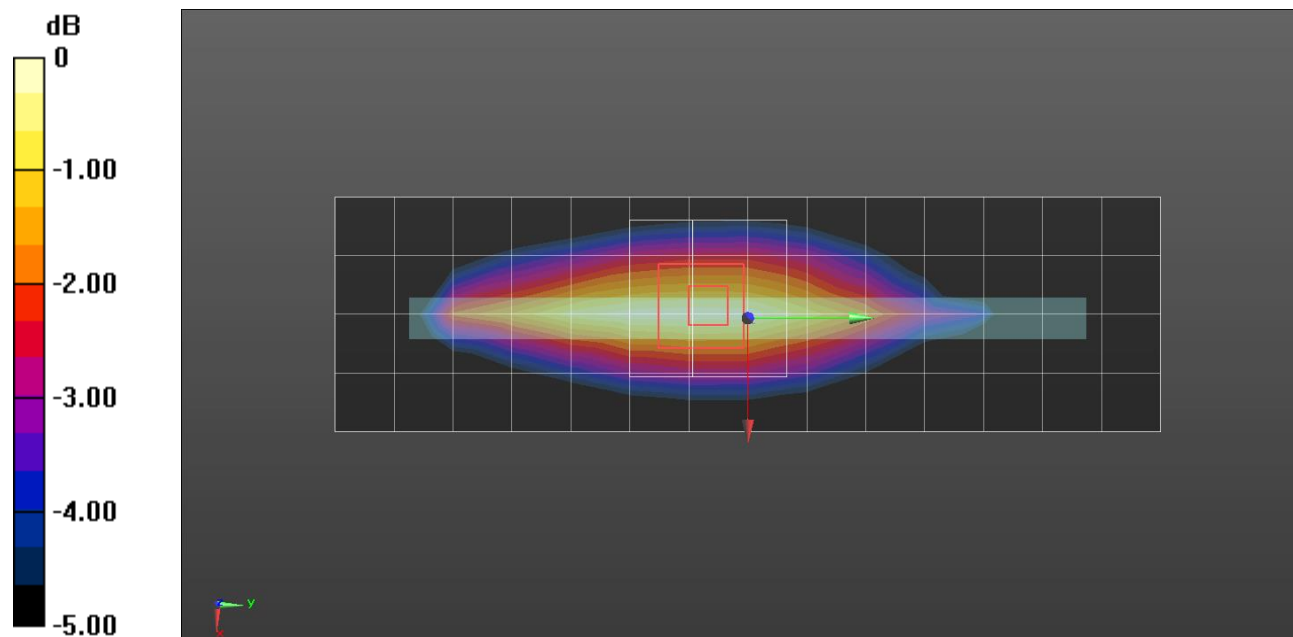
**Edge 2/QPSK RB 1/0 ch.133297/Zoom Scan (6x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 20.04 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 0.474 W/kg

**SAR(1 g) = 0.284 W/kg; SAR(10 g) = 0.185 W/kg**

Maximum value of SAR (measured) = 0.400 W/kg



0 dB = 0.400 W/kg = -3.98 dBW/kg

## NR Band n5

Frequency: 836.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used (interpolated):  $f = 836.5$  MHz;  $\sigma = 0.939$  S/m;  $\epsilon_r = 41.704$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1671; Calibrated: 5/31/2022
- Probe: EX3DV4 - SN7314; ConvF(9.42, 9.42, 9.42) @ 836.5 MHz; Calibrated: 5/31/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2005

**Rear/QPSK RB 50/28 ch.167300/Area Scan (15x10x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.596 W/kg

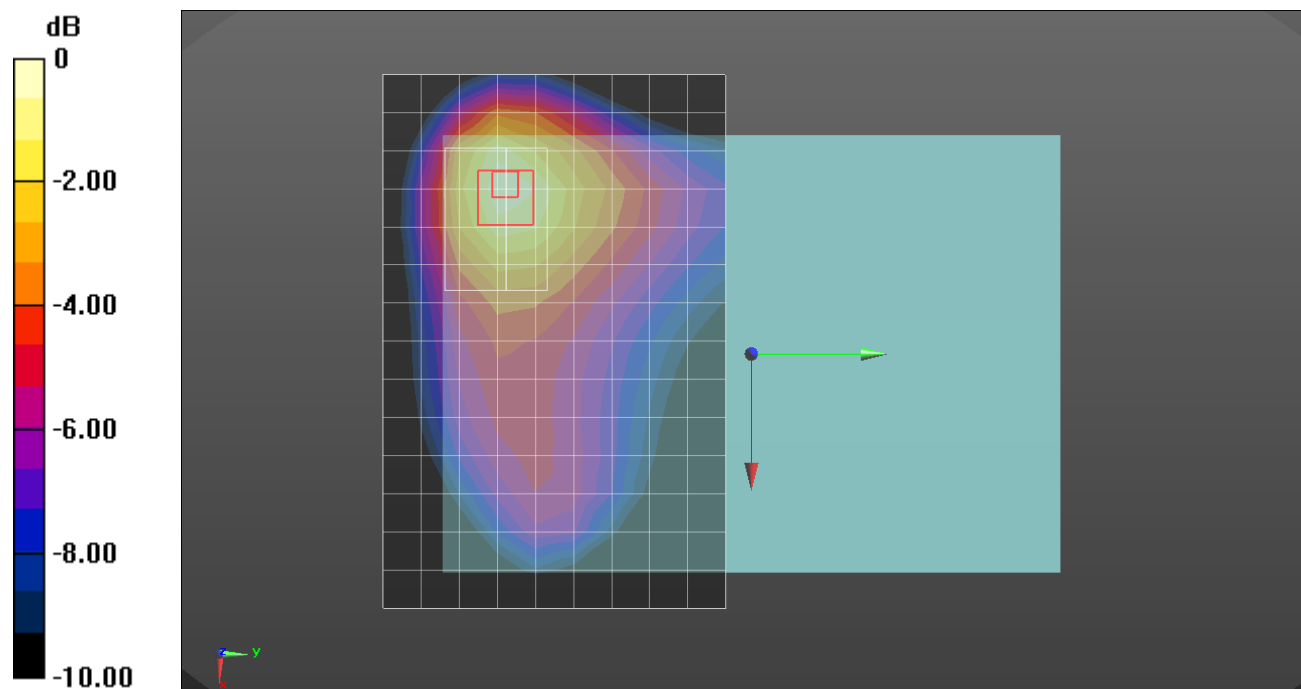
**Rear/QPSK RB 50/28 ch.167300/Zoom Scan (8x6x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 23.70 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.739 W/kg

**SAR(1 g) = 0.445 W/kg; SAR(10 g) = 0.293 W/kg**

Maximum value of SAR (measured) = 0.611 W/kg



0 dB = 0.611 W/kg = -2.14 dBW/kg

## NR Band n25

Frequency: 1860 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used:  $f = 1860$  MHz;  $\sigma = 1.404$  S/m;  $\epsilon_r = 38.572$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1671; Calibrated: 5/31/2022
- Probe: EX3DV4 - SN7651; ConvF(8.57, 8.57, 8.57) @ 1860 MHz; Calibrated: 5/30/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2005

**Rear/QPSK RB 50/28 ch.372000/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm  
 Maximum value of SAR (measured) = 0.905 W/kg

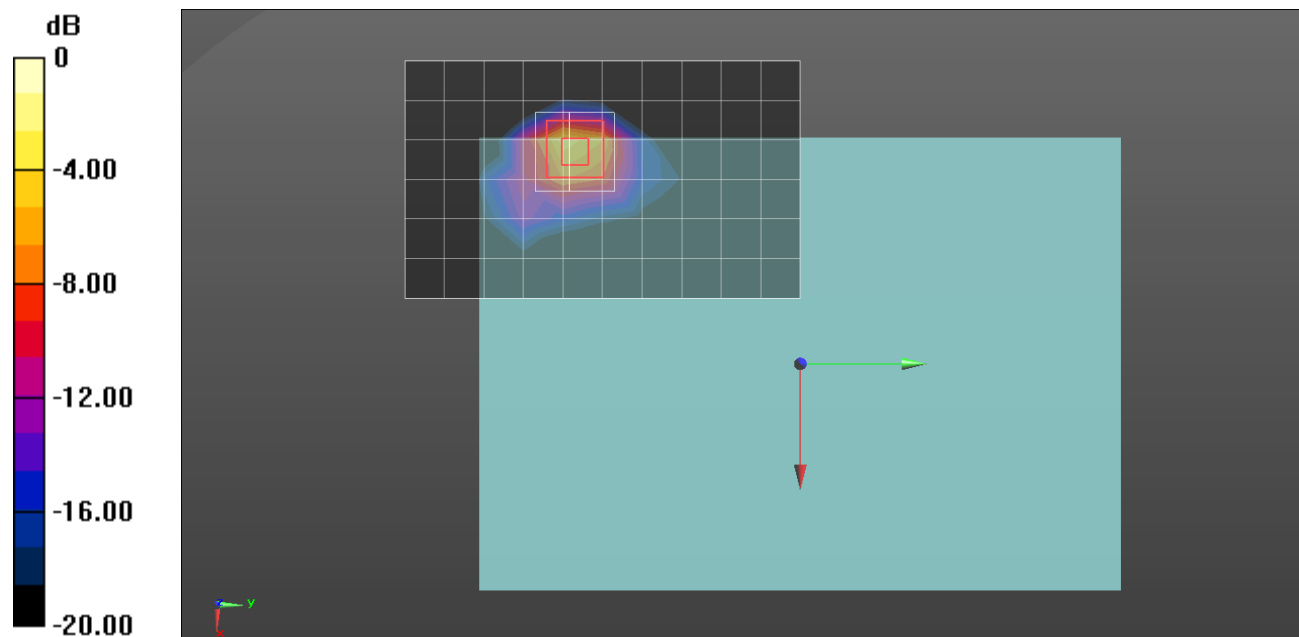
**Rear/QPSK RB 50/28 ch.372000/Zoom Scan (8x8x8)/Cube 0:** Measurement grid: dx=4.3mm, dy=4.3mm, dz=1.4mm

Reference Value = 24.23 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 2.86 W/kg

**SAR(1 g) = 0.926 W/kg; SAR(10 g) = 0.373 W/kg**

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



0 dB = 1.83 W/kg = 2.62 dBW/kg



## NR Band n41

Frequency: 2592.99 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used (interpolated):  $f = 2592.99$  MHz;  $\sigma = 1.944$  S/m;  $\epsilon_r = 37.355$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1447; Calibrated: 3/25/2022
- Probe: EX3DV4 - SN7646; ConvF(8.16, 8.16, 8.16) @ 2592.99 MHz; Calibrated: 3/29/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1195

**Rear/QPSK RB 135/69 ch.518598/Area Scan (9x13x1):** Measurement grid: dx=12mm, dy=12mm  
 Maximum value of SAR (measured) = 1.49 W/kg

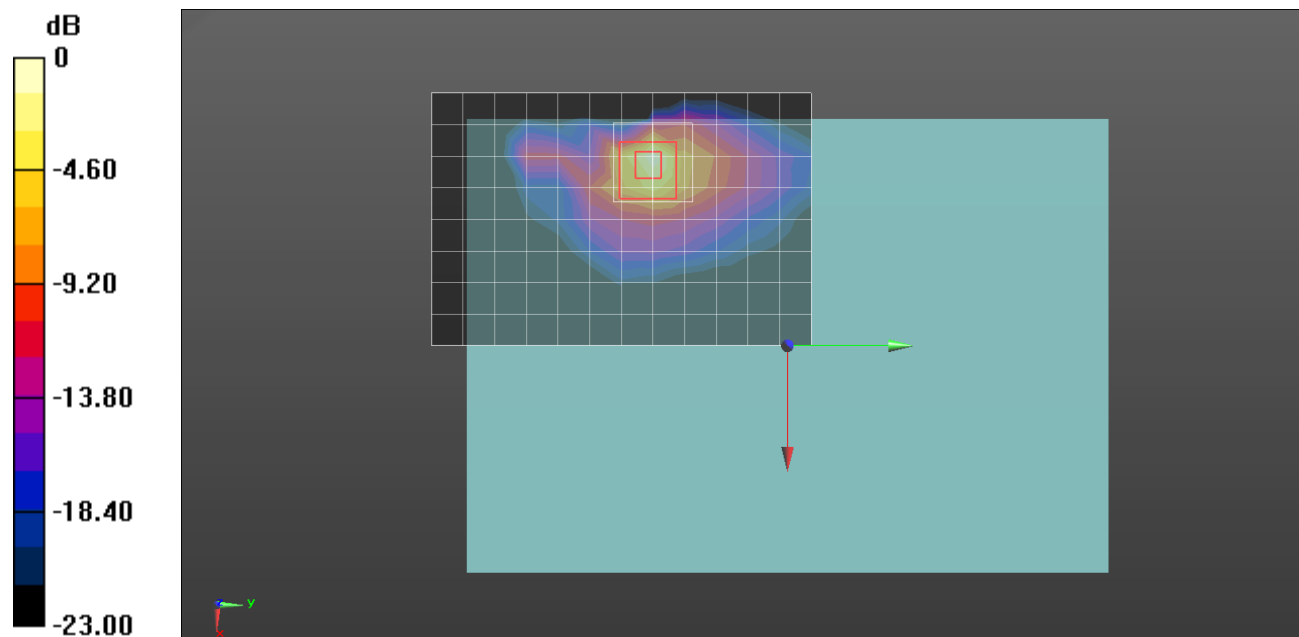
**Rear/QPSK RB 135/69 ch.518598/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.56 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 2.26 W/kg

**SAR(1 g) = 0.706 W/kg; SAR(10 g) = 0.252 W/kg**

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



0 dB = 1.53 W/kg = 1.85 dBW/kg

## NR Band n66

Frequency: 1770 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used:  $f = 1770$  MHz;  $\sigma = 1.361$  S/m;  $\epsilon_r = 38.877$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1671; Calibrated: 5/31/2022
- Probe: EX3DV4 - SN7651; ConvF(8.93, 8.93, 8.93) @ 1770 MHz; Calibrated: 5/30/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2005

**Rear/QPSK RB 50/28 ch.354000/Area Scan (7x11x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 1.27 W/kg

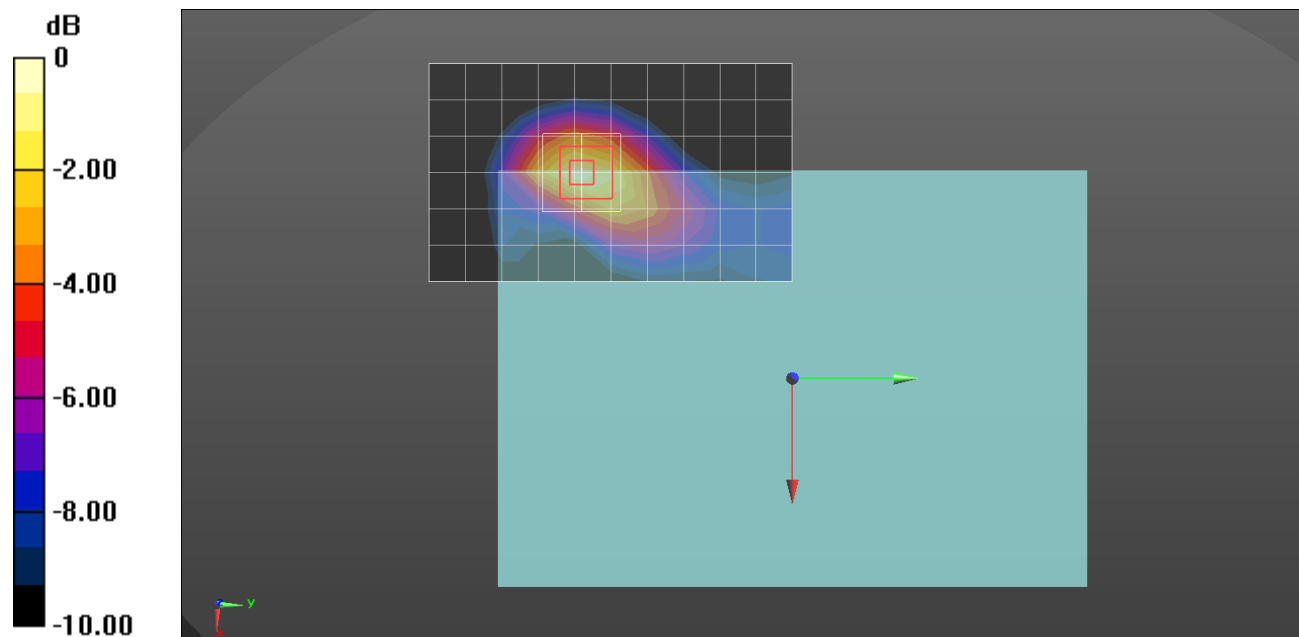
**Rear/QPSK RB 50/28 ch.354000/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 28.65 V/m; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.50 W/kg

**SAR(1 g) = 0.896 W/kg; SAR(10 g) = 0.518 W/kg**

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



0 dB = 1.29 W/kg = 1.11 dBW/kg

## NR Band n71

Frequency: 680.5 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used (interpolated):  $f = 680.5$  MHz;  $\sigma = 0.862$  S/m;  $\epsilon_r = 41.911$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1447; Calibrated: 3/25/2022
- Probe: EX3DV4 - SN7646; ConvF(10.57, 10.57, 10.57) @ 680.5 MHz; Calibrated: 3/29/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection (Locations From Previous Scan Used)), Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1195

**Edge 2/QPSK RB 50/28 ch.136100/Area Scan (6x17x1):** Measurement grid: dx=15mm, dy=15mm

Maximum value of SAR (measured) = 0.437 W/kg

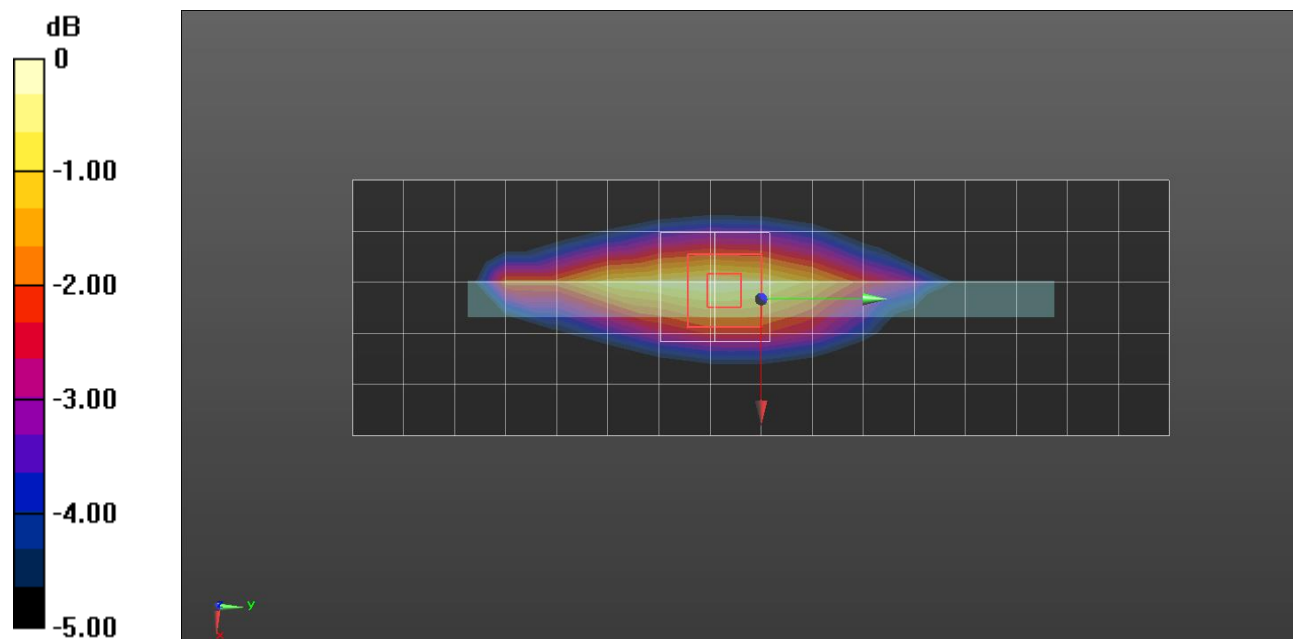
**Edge 2/QPSK RB 50/28 ch.136100/Zoom Scan (5x5x7)/Cube 0:** Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 21.35 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 0.545 W/kg

**SAR(1 g) = 0.322 W/kg; SAR(10 g) = 0.206 W/kg**

Maximum value of SAR (measured) = 0.463 W/kg



0 dB = 0.463 W/kg = -3.34 dBW/kg

## NR Band n77

Frequency: 3930 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used:  $f = 3930$  MHz;  $\sigma = 3.387$  S/m;  $\epsilon_r = 38.542$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1668; Calibrated: 2022-04-27
- Probe: EX3DV4 - SN7313; ConvF(6.47, 6.47, 6.47) @ 3930 MHz; Calibrated: 2022-03-02
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:xxxx

**Rear/QPSK RB 1/1 ch.662000/Area Scan (18x13x1):** Measurement grid: dx=12mm, dy=12mm  
 Maximum value of SAR (measured) = 1.54 W/kg

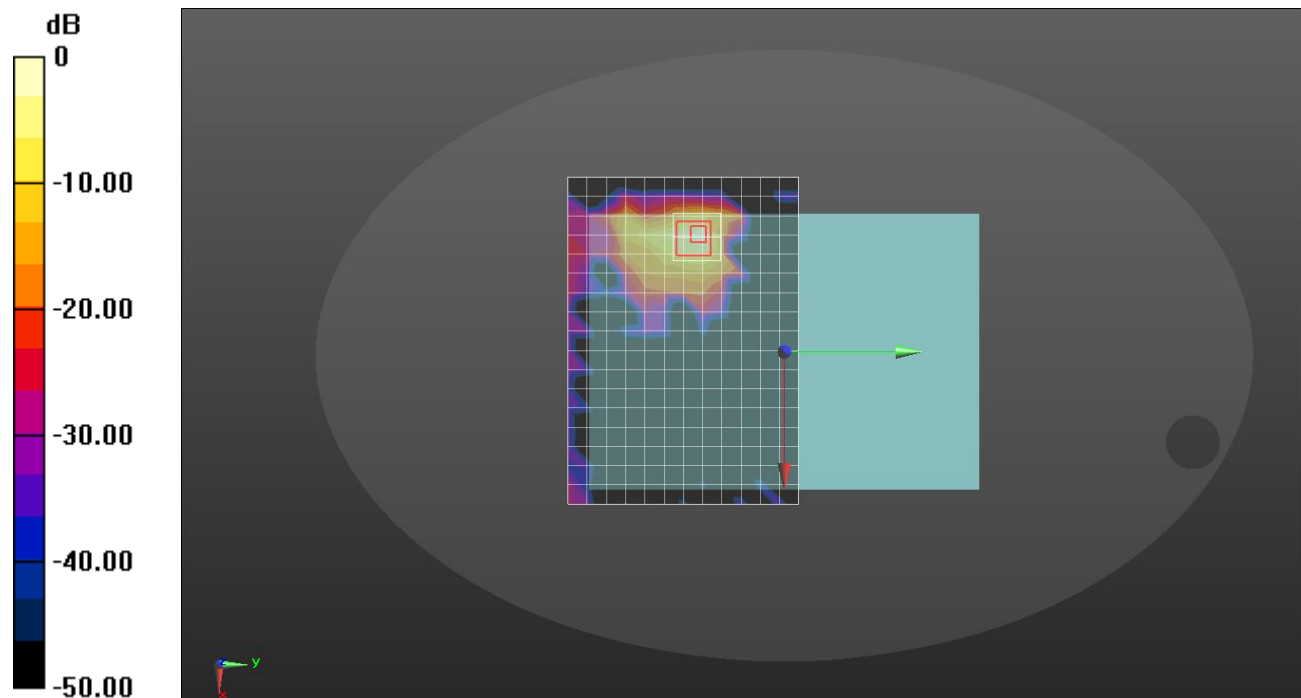
**Rear/QPSK RB 1/1 ch.662000/Zoom Scan (7x7x21)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 18.67 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 2.64 W/kg

**SAR(1 g) = 0.669 W/kg; SAR(10 g) = 0.210 W/kg**

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



0 dB = 1.54 W/kg = 1.88 dBW/kg

## NR Band n77 SRS1

Frequency: 3750 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used:  $f = 3750$  MHz;  $\sigma = 3.192$  S/m;  $\epsilon_r = 38.881$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1668; Calibrated: 2022-04-27
- Probe: EX3DV4 - SN7313; ConvF(6.88, 6.88, 6.88) @ 3750 MHz; Calibrated: 2022-03-02
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:xxxx

**Rear/QPSK RB 1/1 ch.650000/Area Scan (9x13x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 2.06 W/kg

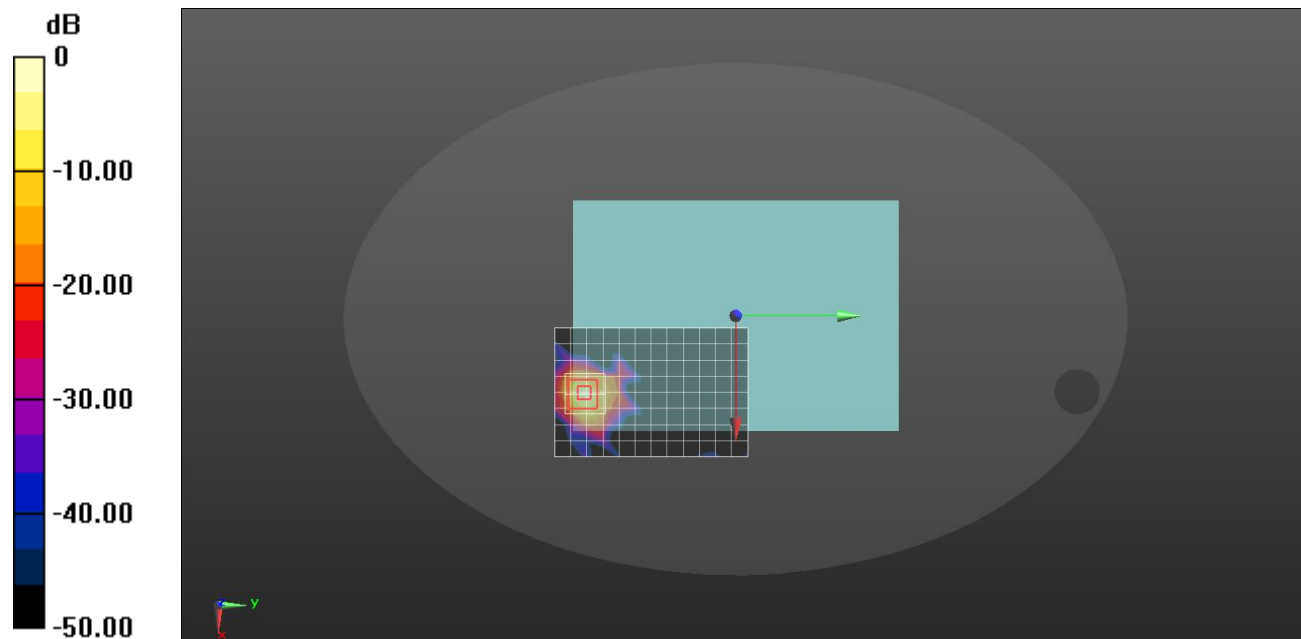
**Rear/QPSK RB 1/1 ch.650000/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 23.71 V/m; Power Drift = -0.12 dB

Peak SAR (extrapolated) = 3.92 W/kg

**SAR(1 g) = 0.947 W/kg; SAR(10 g) = 0.241 W/kg**

Maximum value of SAR (measured) = 2.39 W/kg



0 dB = 2.39 W/kg = 3.78 dBW/kg

## NR Band n77 SRS2

Frequency: 3500.01 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used (interpolated):  $f = 3500.01$  MHz;  $\sigma = 2.938$  S/m;  $\epsilon_r = 36.894$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1670; Calibrated: 2022-06-07
- Probe: EX3DV4 - SN7645; ConvF(7.18, 7.18, 7.18) @ 3500.01 MHz; Calibrated: 2022-04-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt) (Left); Type: QD OVA 003 AA; Serial: 2111

**Rear/QPSK RB 1/1 ch.633334/Area Scan (9x13x1):** Measurement grid: dx=12mm, dy=12mm  
 Maximum value of SAR (measured) = 0.574 W/kg

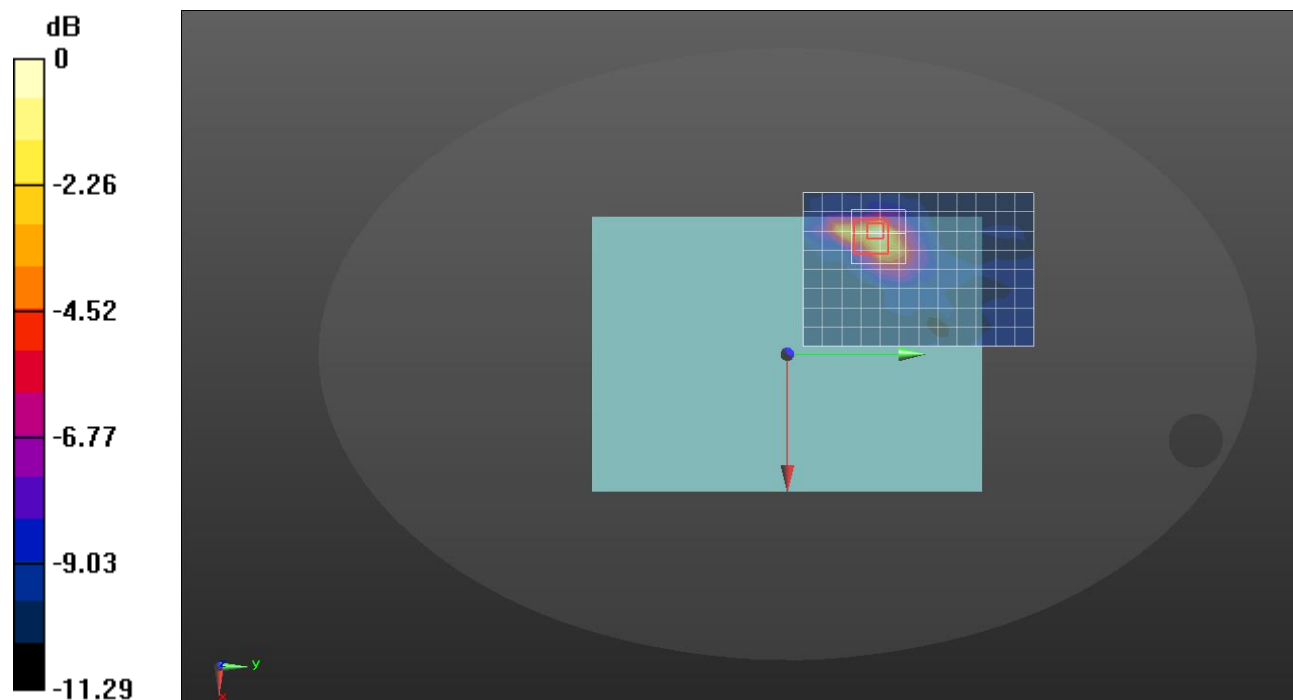
**Rear/QPSK RB 1/1 ch.633334/Zoom Scan(15x15x7)/Cube 0:** Measurement grid: dx=2.4mm, dy=2.4mm, dz=1.4mm

Reference Value = 12.64 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.13 W/kg

**SAR(1 g) = 0.258 W/kg; SAR(10 g) = 0.126 W/kg**

Maximum value of SAR (measured) = 0.612 W/kg



0 dB = 0.574 W/kg = -2.41 dBW/kg

## NR Band n77 SRS3

Frequency: 3500.01 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used (interpolated):  $f = 3500.01$  MHz;  $\sigma = 2.892$  S/m;  $\epsilon_r = 38.737$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1670; Calibrated: 2022-06-07
- Probe: EX3DV4 - SN7645; ConvF(7.18, 7.18, 7.18) @ 3500.01 MHz; Calibrated: 2022-04-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt) (Left); Type: QD OVA 003 AA; Serial: 2111

**Rear/QPSK RB 1/1 ch.633334/Area Scan (9x13x1):** Measurement grid: dx=12mm, dy=12mm

Maximum value of SAR (measured) = 1.60 W/kg

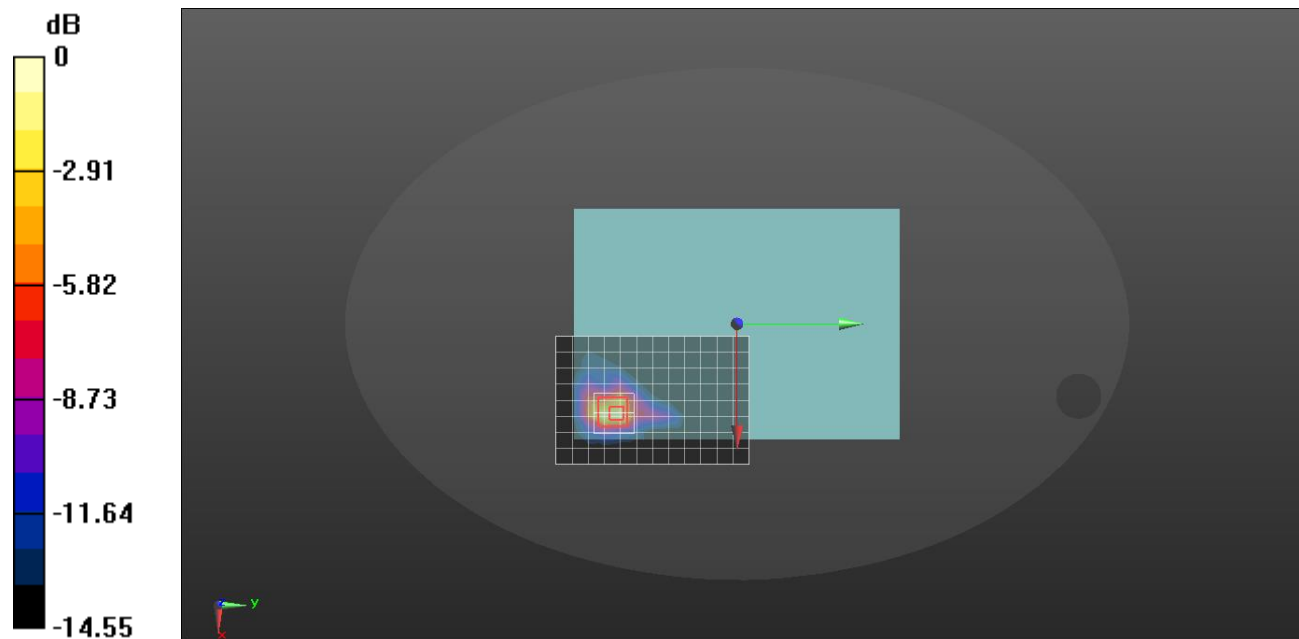
**Rear/QPSK RB 1/1 ch.633334/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 21.67 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 3.13 W/kg

**SAR(1 g) = 0.936 W/kg; SAR(10 g) = 0.388 W/kg**

Maximum value of SAR (measured) = 1.88 W/kg



0 dB = 1.88 W/kg = 2.74 dBW/kg

## LTE Band-uplink 2CA Band 41

Frequency: 2506 MHz; Duty Cycle: 1:1.59956; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used (interpolated):  $f = 2506$  MHz;  $\sigma = 1.881$  S/m;  $\epsilon_r = 37.543$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1447; Calibrated: 2022-03-25
- Probe: EX3DV4 - SN7646; ConvF(8.16, 8.16, 8.16) @ 2506 MHz; Calibrated: 2022-03-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1195

### Rear/QPSK PCC RB 1/99 ch.39750 SCC 1/0 ch.39948/Area Scan (7x13x1): Measurement grid:

dx=12mm, dy=12mm

Maximum value of SAR (measured) = 0.895 W/kg

### Rear/QPSK PCC RB 1/99 ch.39750 SCC 1/0 ch.39948/Zoom Scan (7x7x7)/Cube 0:

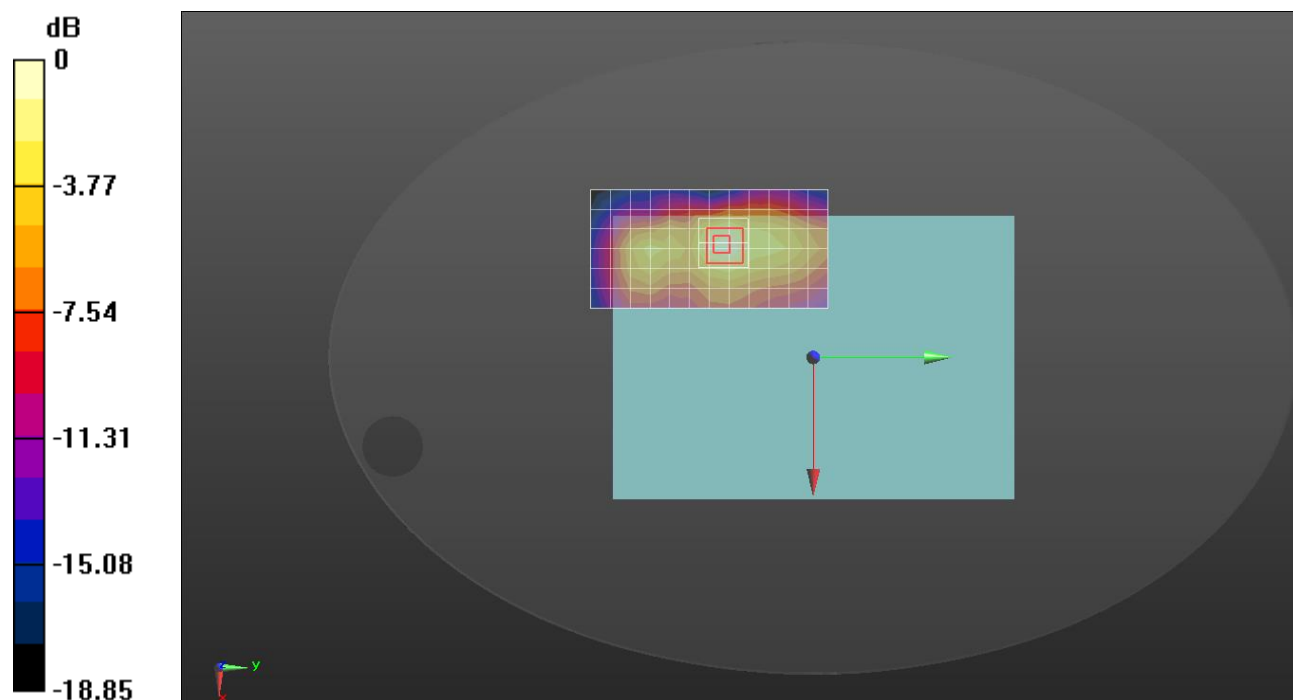
Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 19.80 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.32 W/kg

**SAR(1 g) = 0.585 W/kg; SAR(10 g) = 0.266 W/kg**

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



0 dB = 0.895 W/kg = -0.48 dBW/kg



## Wi-Fi 2.4 GHz

Frequency: 2437 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.784$  S/m;  $\epsilon_r = 40.167$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1670; Calibrated: 2022-06-07
- Probe: EX3DV4 - SN7330; ConvF(8.16, 8.16, 8.16) @ 2437 MHz; Calibrated: 2022-01-28
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt) (Left); Type: QD OVA 003 AA; Serial: 2111

**Rear/802.11 b mode ch.6 SISO Ant.1/Area Scan (18x13x1):** Measurement grid: dx=12mm, dy=12mm  
 Maximum value of SAR (measured) = 0.741 W/kg

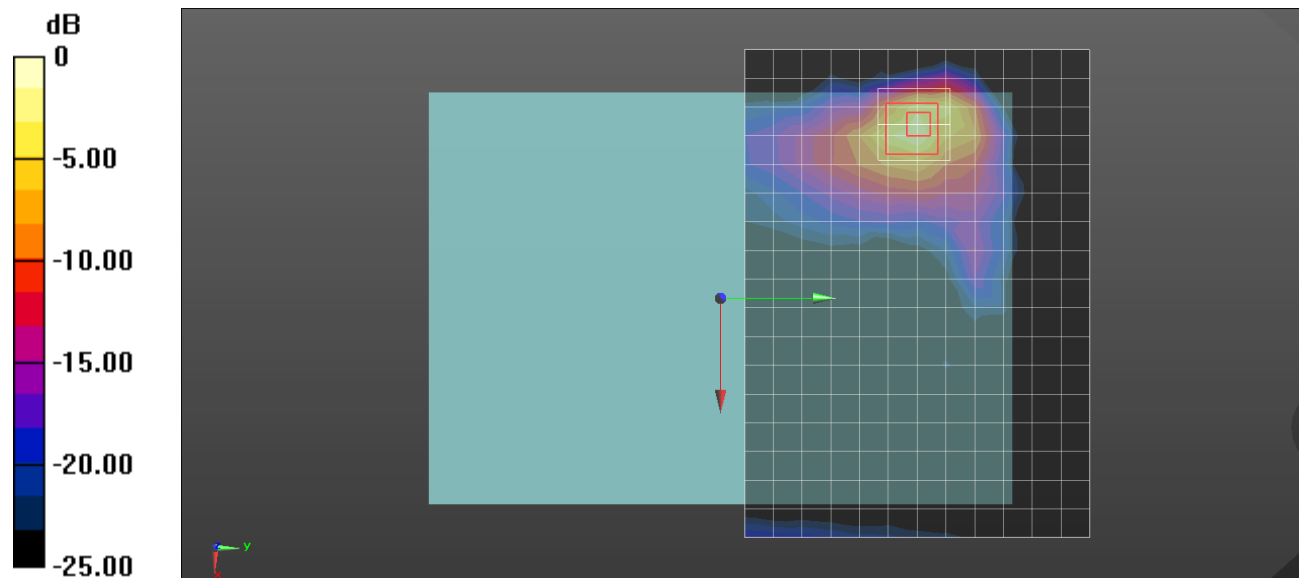
**Rear/802.11 b mode ch.6 SISO Ant.1/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=1.4mm

Reference Value = 18.27 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.87 W/kg

**SAR(1 g) = 0.477 W/kg; SAR(10 g) = 0.200 W/kg**

Maximum value of SAR (measured) = 1.01 W/kg



0 dB = 1.01 W/kg = 0.04 dBW/kg

## Wi-Fi 2.4 GHz

Frequency: 2437 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.746$  S/m;  $\epsilon_r = 39.224$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1670; Calibrated: 2022-06-07
- Probe: EX3DV4 - SN7645; ConvF(8.25, 8.25, 8.25) @ 2437 MHz; Calibrated: 2022-04-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt) (Left); Type: QD OVA 003 AA; Serial: 2111

**Edge 3/802.11 b mode ch.6 SISO Ant.2/Area Scan (7x12x1):** Measurement grid: dx=12mm, dy=12mm  
 Maximum value of SAR (measured) = 1.17 W/kg

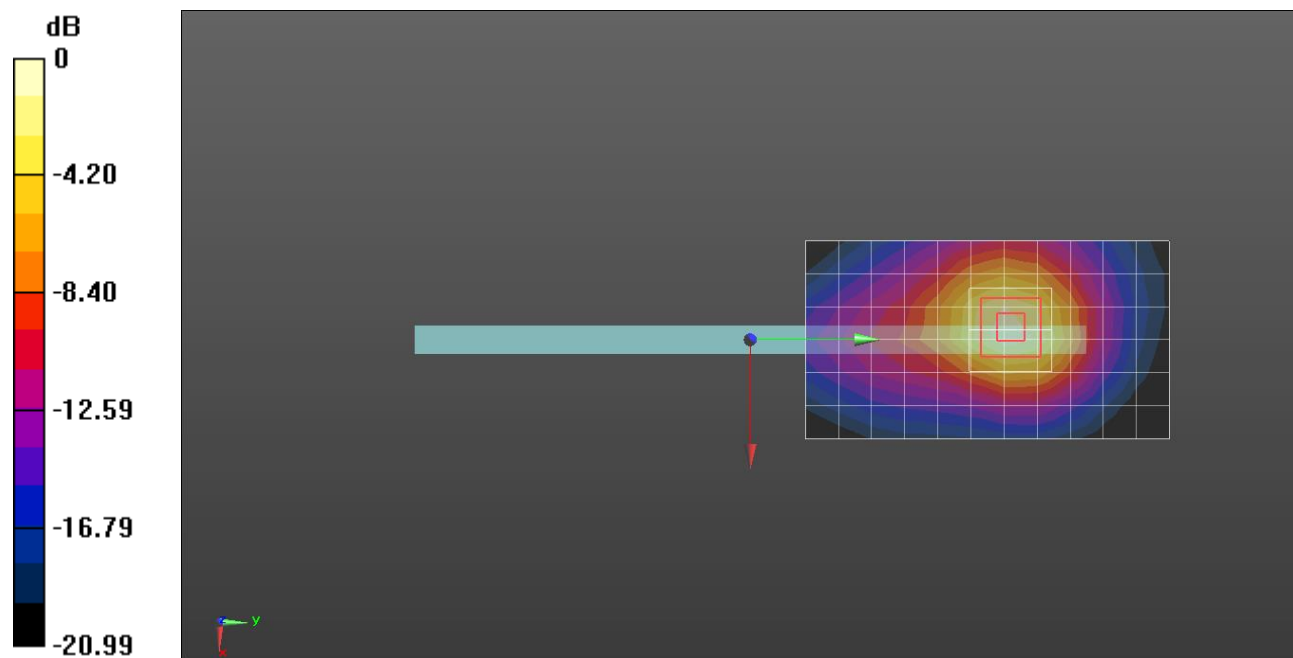
**Edge 3/802.11 b mode ch.6 SISO Ant.2/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 23.94 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 1.53 W/kg

**SAR(1 g) = 0.817 W/kg; SAR(10 g) = 0.413 W/kg**

Maximum value of SAR (measured) = 1.28 W/kg



0 dB = 1.28 W/kg = 1.07 dBW/kg

## Wi-Fi 2.4 GHz

Frequency: 2437 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used (interpolated):  $f = 2437$  MHz;  $\sigma = 1.746$  S/m;  $\epsilon_r = 39.224$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1670; Calibrated: 2022-06-07
- Probe: EX3DV4 - SN7645; ConvF(8.25, 8.25, 8.25) @ 2437 MHz; Calibrated: 2022-04-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt) (Left); Type: QD OVA 003 AA; Serial: 2111

**Rear/802.11 g mode ch.6 MIMO/Area Scan (18x13x1):** Measurement grid: dx=12mm, dy=12mm  
 Maximum value of SAR (measured) = 1.09 W/kg

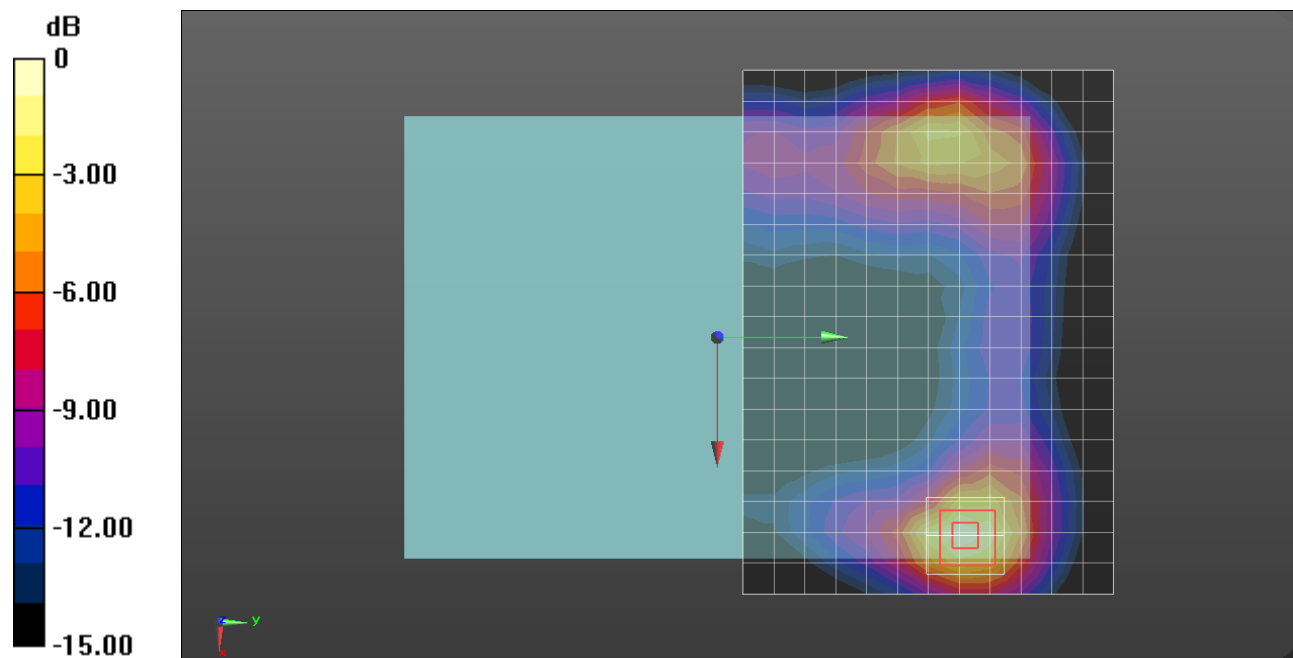
**Rear/802.11 g mode ch.6 MIMO/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 22.96 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 1.28 W/kg

**SAR(1 g) = 0.676 W/kg; SAR(10 g) = 0.341 W/kg**

Maximum value of SAR (measured) = 1.06 W/kg



0 dB = 1.06 W/kg = 0.25 dBW/kg

## Wi-Fi 5.3 GHz

Frequency: 5280 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used:  $f = 5280$  MHz;  $\sigma = 4.664$  S/m;  $\epsilon_r = 34.981$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1447; Calibrated: 3/25/2022
- Probe: EX3DV4 - SN7646; ConvF(5.74, 5.74, 5.74) @ 5280 MHz; Calibrated: 3/29/2022
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1195

**Edge 1/802.11 a mode ch.56 SISO Ant 1/Area Scan (14x7x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 1.28 W/kg

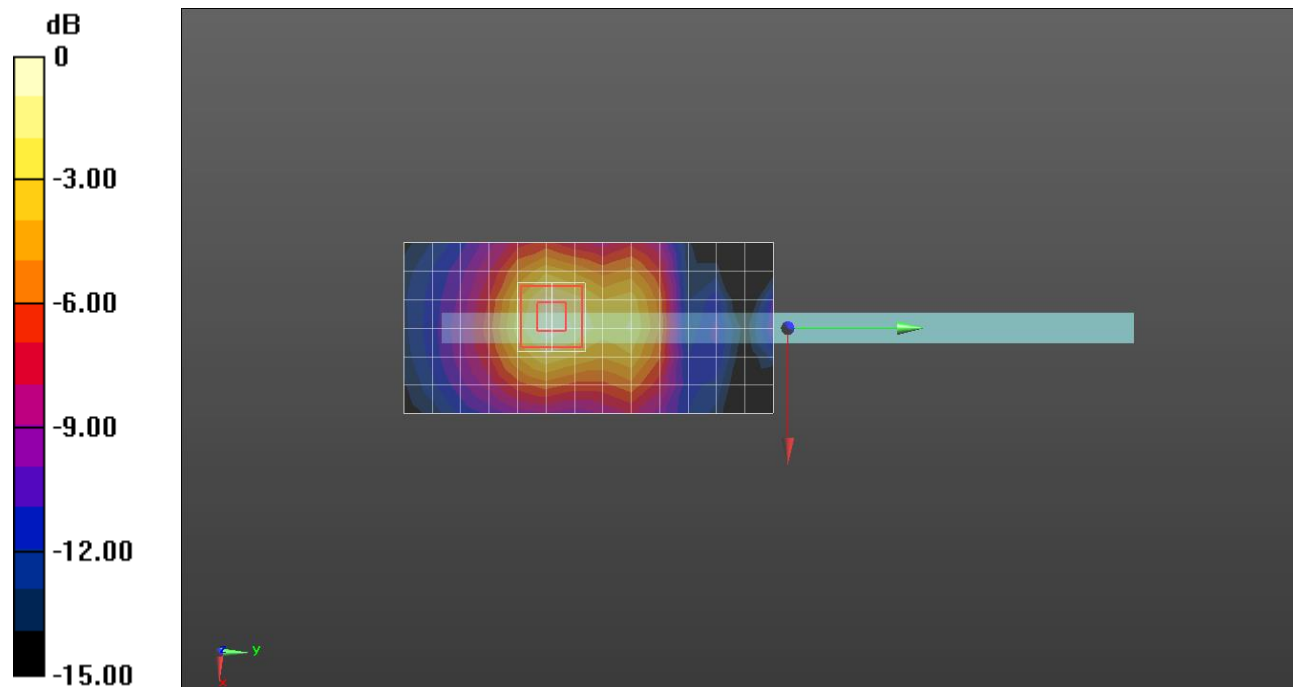
**Edge 1/802.11 a mode ch.56 SISO Ant 1/Zoom Scan (7x7x8)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 18.80 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.20 W/kg

**SAR(1 g) = 0.613 W/kg; SAR(10 g) = 0.249 W/kg**

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



0 dB = 1.35 W/kg = 1.30 dBW/kg

## Wi-Fi 5.3 GHz

Frequency: 5290 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used:  $f = 5290 \text{ MHz}$ ;  $\sigma = 4.738 \text{ S/m}$ ;  $\epsilon_r = 35.222$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1447; Calibrated: 2022-03-25
- Probe: EX3DV4 - SN7646; ConvF(5.74, 5.74, 5.74) @ 5290 MHz; Calibrated: 2022-03-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt); Type: QD OVA 002 AA; Serial: 1195

**Rear/802.11 ac mode ch.58 SISO Ant.2/Area Scan (11x15x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.794 W/kg

**Rear/802.11 ac mode ch.58 SISO Ant.2/Zoom Scan (16x16x8)/Cube 0:** Measurement grid:

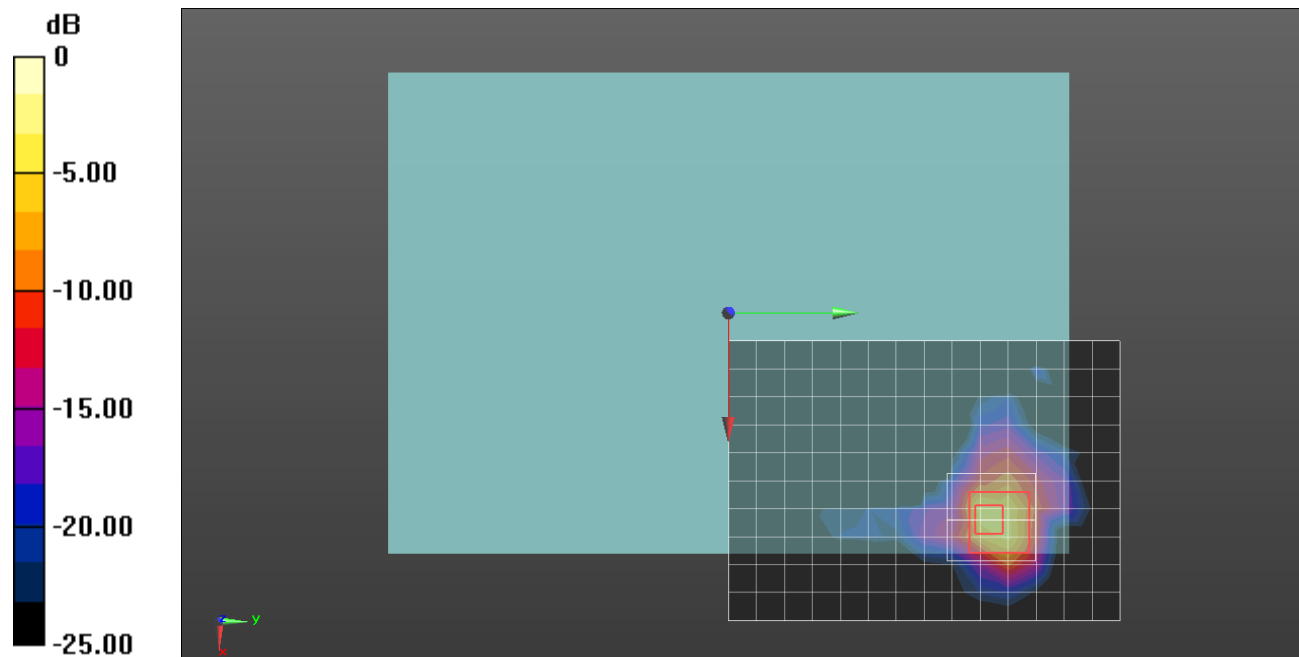
$dx=2.1\text{mm}$ ,  $dy=2.1\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value = 19.52 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 3.38 W/kg

**SAR(1 g) = 0.517 W/kg; SAR(10 g) = 0.130 W/kg**

Maximum value of SAR (measured) = 1.71 W/kg



0 dB = 1.71 W/kg = 2.33 dBW/kg

## Wi-Fi 5.3 GHz

Frequency: 5280 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used:  $f = 5280$  MHz;  $\sigma = 4.853$  S/m;  $\epsilon_r = 36.439$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1343; Calibrated: 2021-08-23
- Probe: EX3DV4 - SN7314; ConvF(5.4, 5.4, 5.4) @ 5280 MHz; Calibrated: 2022-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:xxxx

**Edge 1/802.11 a mode ch.56 MIMO /Area Scan (14x7x1):** Measurement grid: dx=10mm, dy=10mm  
 Maximum value of SAR (measured) = 1.75 W/kg

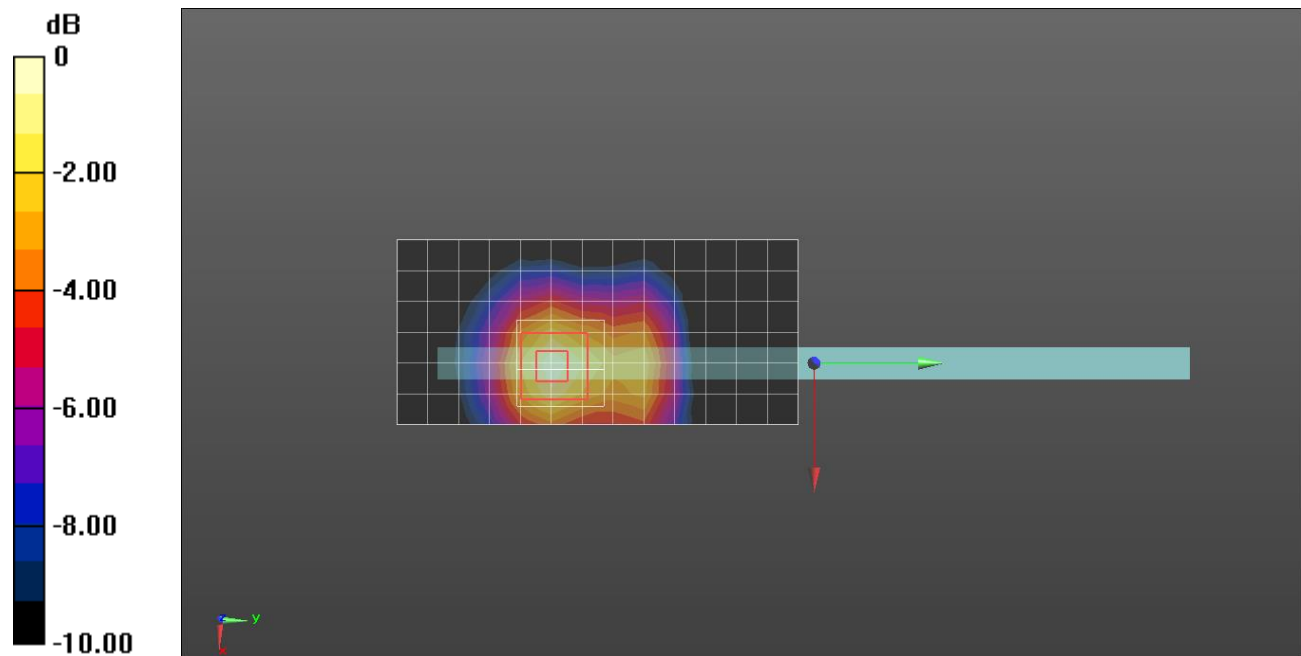
**Edge 1/802.11 a mode ch.56 MIMO/Zoom Scan (8x8x8)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 21.36 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 2.75 W/kg

**SAR(1 g) = 0.856 W/kg; SAR(10 g) = 0.351 W/kg**

Maximum value of SAR (measured) = 1.78 W/kg



0 dB = 1.78 W/kg = 2.50 dBW/kg

## Wi-Fi 5.5 GHz

Frequency: 5620 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used:  $f = 5620$  MHz;  $\sigma = 5.14$  S/m;  $\epsilon_r = 35.564$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1343; Calibrated: 2021-08-23
- Probe: EX3DV4 - SN7314; ConvF(4.8, 4.8, 4.8) @ 5620 MHz; Calibrated: 2022-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:xxxx

**Edge 1/802.11 a mode ch.124 SISO Ant.1/Area Scan (14x7x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.19 W/kg

**Edge 1/802.11 a mode ch.124 SISO Ant.1/Zoom Scan (9x9x8)/Cube 0:** Measurement grid:

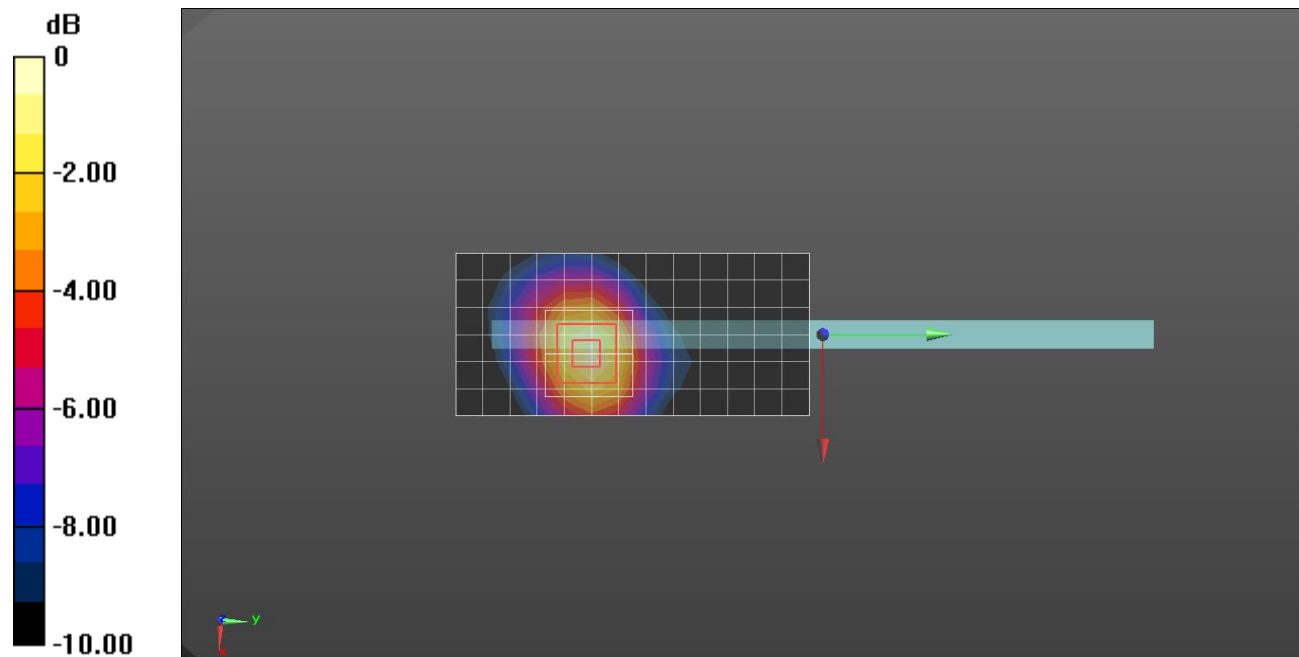
dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 23.82 V/m; Power Drift = -0.15 dB

Peak SAR (extrapolated) = 3.68 W/kg

**SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.441 W/kg**

Maximum value of SAR (measured) = 2.30 W/kg



0 dB = 2.30 W/kg = 3.62 dBW/kg

## Wi-Fi 5.5 GHz

Frequency: 5720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used:  $f = 5720 \text{ MHz}$ ;  $\sigma = 5.333 \text{ S/m}$ ;  $\epsilon_r = 35.345$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1343; Calibrated: 2021-08-23
- Probe: EX3DV4 - SN7314; ConvF(4.8, 4.8, 4.8) @ 5720 MHz; Calibrated: 2022-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:xxxx

**Rear/802.11 a mode ch.144 SISO Ant.2/Area Scan (11x15x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

Maximum value of SAR (measured) = 1.69 W/kg

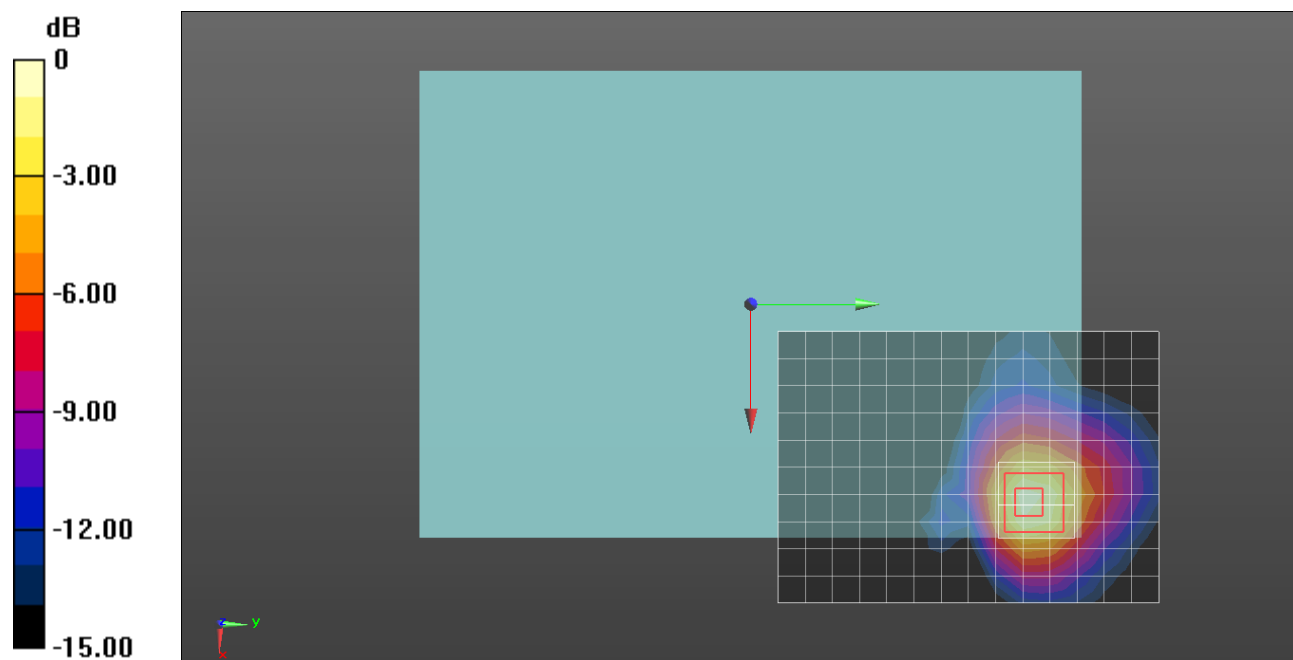
**Rear/802.11 a mode ch.144 SISO Ant.2/Zoom Scan (8x8x8)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value = 19.72 V/m; Power Drift = -0.16 dB

Peak SAR (extrapolated) = 2.97 W/kg

**SAR(1 g) = 0.824 W/kg; SAR(10 g) = 0.313 W/kg**

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



0 dB = 1.85 W/kg = 2.67 dBW/kg



## Wi-Fi 5.5 GHz

Frequency: 5720 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C

Medium parameters used:  $f = 5720$  MHz;  $\sigma = 5.149$  S/m;  $\epsilon_r = 34.513$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1343; Calibrated: 2021-08-23
- Probe: EX3DV4 - SN7314; ConvF(4.8, 4.8, 4.8) @ 5720 MHz; Calibrated: 2022-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:xxxx

**Edge 1/802.11 a mode ch.144 MIMO/Area Scan (14x7x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.26 W/kg

**Edge 1/802.11 a mode ch.144 MIMO/Zoom Scan (9x9x8)/Cube 0:** Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

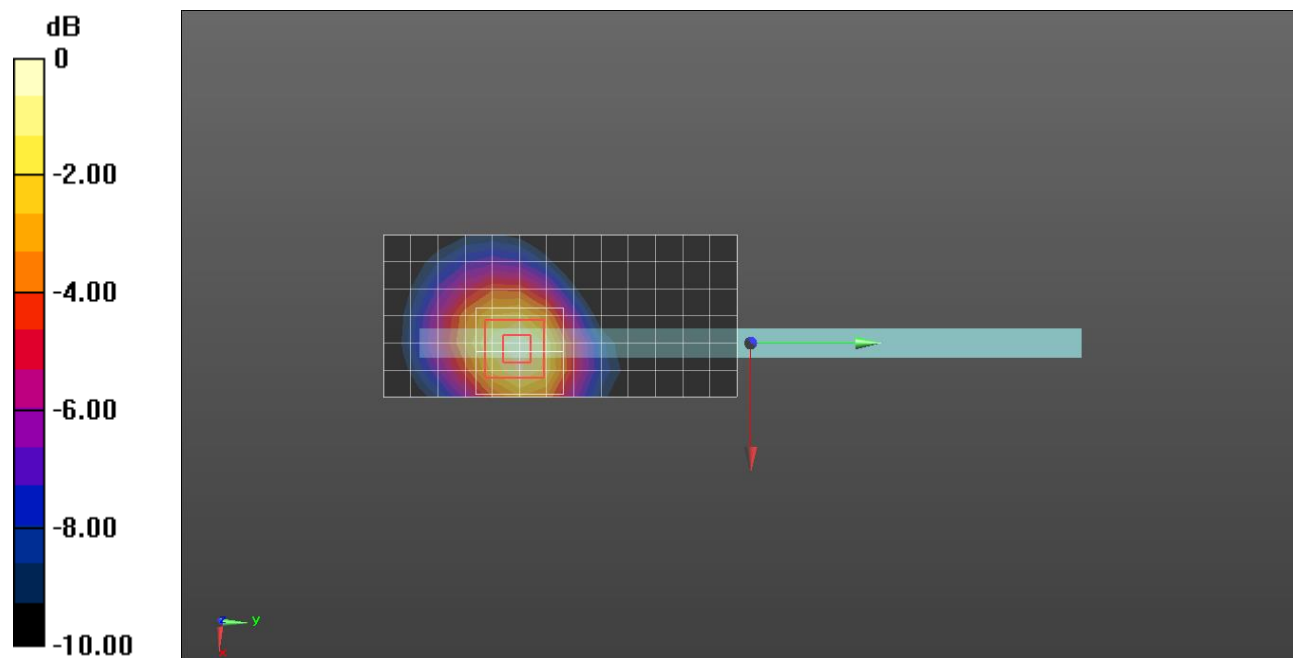
Reference Value = 23.69 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 3.70 W/kg

Peak SAR (extrapolated) = 3.70 W/kg

**SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.447 W/kg**

Maximum value of SAR (measured) = 2.30 W/kg



0 dB = 2.30 W/kg = 3.62 dBW/kg

## Wi-Fi 5.8GHz

Frequency: 5745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used:  $f = 5745 \text{ MHz}$ ;  $\sigma = 5.204 \text{ S/m}$ ;  $\epsilon_r = 34.456$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1343; Calibrated: 2021-08-23
- Probe: EX3DV4 - SN7314; ConvF(4.8, 4.8, 4.8) @ 5745 MHz; Calibrated: 2022-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:xxxx

**Edge 1/802.11 a mode ch.149 SISO Ant.1/Area Scan (27x6x1):** Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 2.05 W/kg

**Edge 1/802.11 a mode ch.149 SISO Ant.1/Zoom Scan (9x9x8)/Cube 0:** Measurement grid:

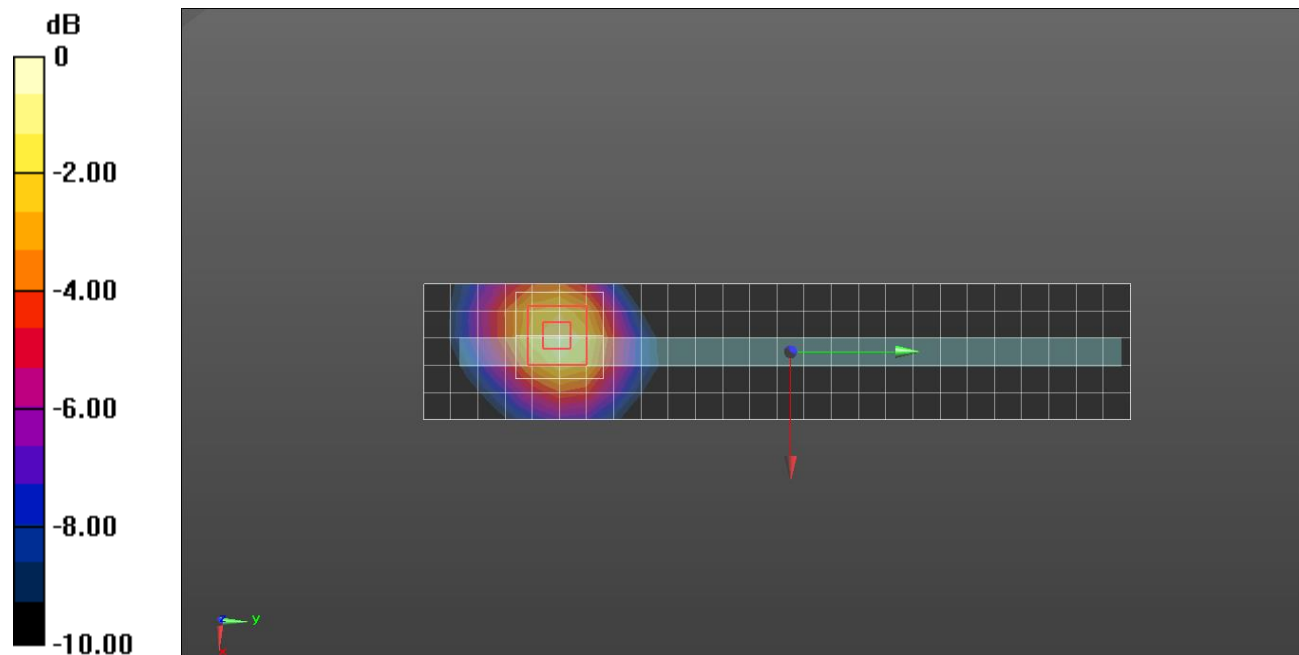
dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 22.08 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 3.75 W/kg

**SAR(1 g) = 1.04 W/kg; SAR(10 g) = 0.435 W/kg**

Maximum value of SAR (measured) = 2.29 W/kg



0 dB = 2.29 W/kg = 3.60 dBW/kg

## Wi-Fi 5.8 GHz

Frequency: 5745 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used:  $f = 5745 \text{ MHz}$ ;  $\sigma = 5.333 \text{ S/m}$ ;  $\epsilon_r = 35.441$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1343; Calibrated: 2021-08-23
- Probe: EX3DV4 - SN7314; ConvF(4.8, 4.8, 4.8) @ 5745 MHz; Calibrated: 2022-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:xxxx

**Rear/802.11 a mode ch.149 SISO Ant.2/Area Scan (11x15x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$

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

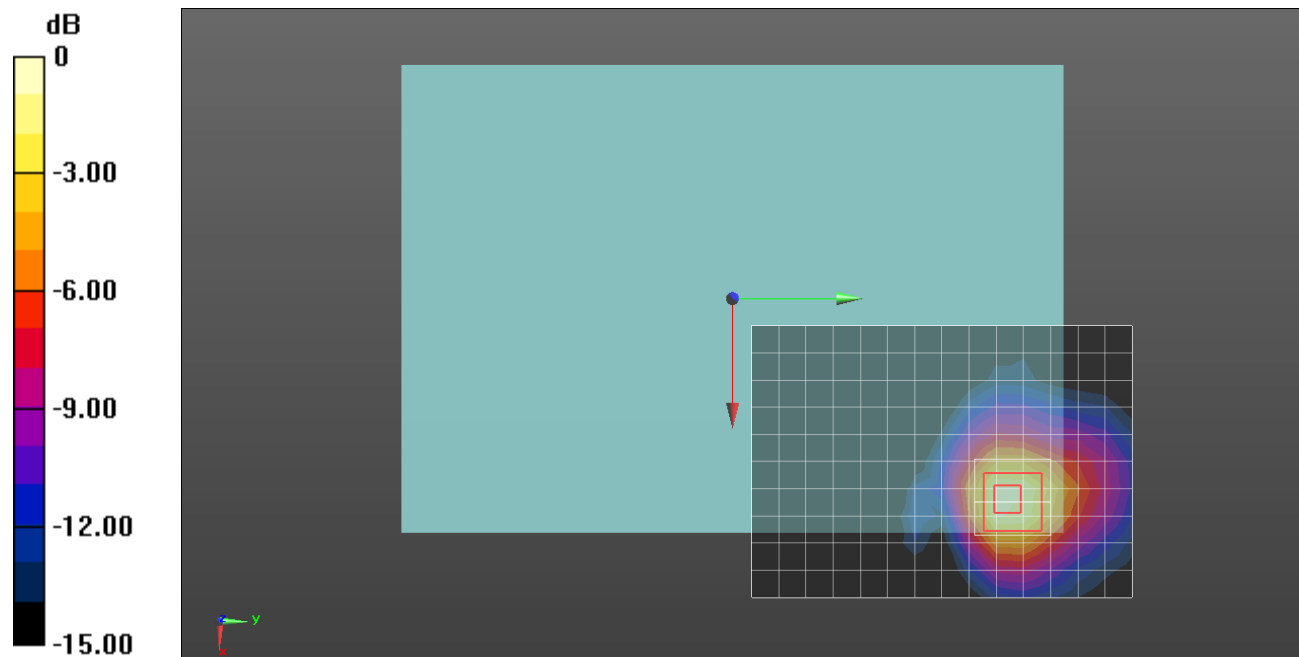
**Rear/802.11 a mode ch.149 SISO Ant.2/Zoom Scan (8x8x8)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value = 19.34 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 3.16 W/kg

**SAR(1 g) = 0.875 W/kg; SAR(10 g) = 0.331 W/kg**

Maximum value of SAR (measured) = 1.97 W/kg



0 dB = 1.97 W/kg = 2.94 dBW/kg

## Wi-Fi 5.8GHz

Frequency: 5775 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used:  $f = 5775 \text{ MHz}$ ;  $\sigma = 5.271 \text{ S/m}$ ;  $\epsilon_r = 35.491$ ;  $\rho = 1000 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1343; Calibrated: 2021-08-23
- Probe: EX3DV4 - SN7314; ConvF(4.8, 4.8, 4.8) @ 5775 MHz; Calibrated: 2022-05-31
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:xxxx

**Rear/802.11 ac mode ch.155 MIMO/Area Scan (22x15x1):** Measurement grid:  $dx=10\text{mm}$ ,  $dy=10\text{mm}$   
 Maximum value of SAR (measured) = 1.52 W/kg

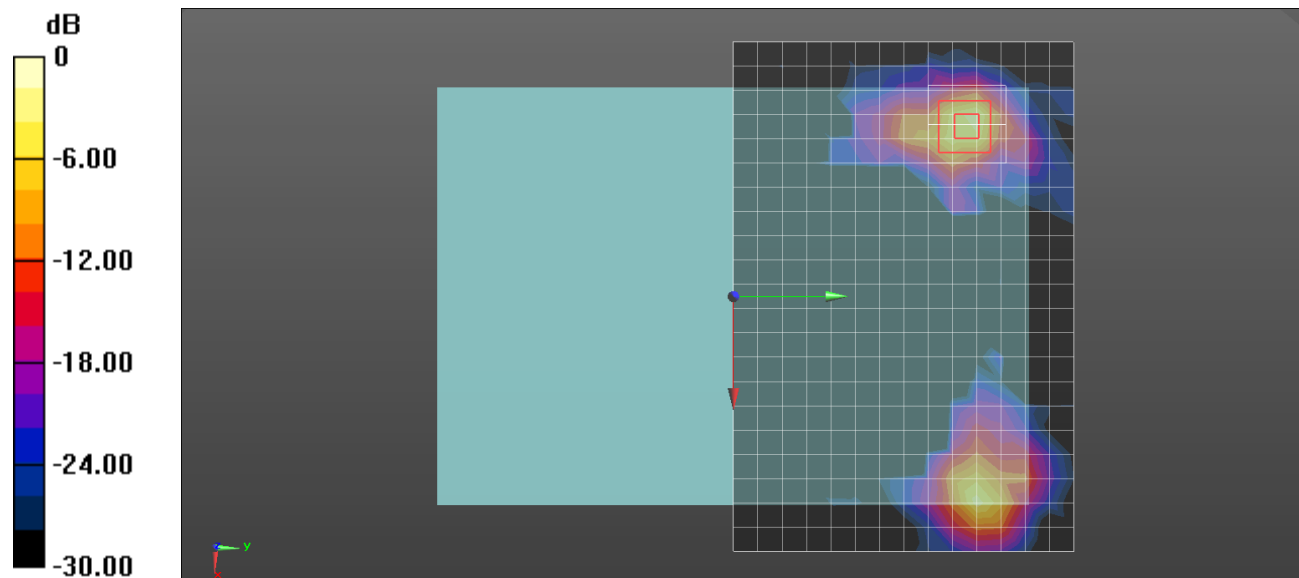
**Rear/802.11 ac mode ch.155 MIMO/Zoom Scan (9x9x8)/Cube 0:** Measurement grid:  $dx=4\text{mm}$ ,  $dy=4\text{mm}$ ,  $dz=1.4\text{mm}$

Reference Value = 18.58 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 5.16 W/kg

**SAR(1 g) = 0.966 W/kg; SAR(10 g) = 0.220 W/kg**

Maximum value of SAR (measured) = 2.86 W/kg



0 dB = 2.86 W/kg = 4.56 dBW/kg

## Bluetooth

Frequency: 2441 MHz; Duty Cycle: 1:1.29033; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used (interpolated):  $f = 2441$  MHz;  $\sigma = 1.812$  S/m;  $\epsilon_r = 38.261$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1670; Calibrated: 2022-06-07
- Probe: EX3DV4 - SN7645; ConvF(8.25, 8.25, 8.25) @ 2441 MHz; Calibrated: 2022-04-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt) (Left); Type: QD OVA 003 AA; Serial: 2111

**Rear/Bluetooth GFSK\_ch39 Ant.1 0mm reduce/Area Scan (9x11x1):** Measurement grid:

$dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 0.512 W/kg

**Rear/Bluetooth GFSK\_ch39 Ant.1 0mm reduce/Zoom Scan 2 (7x7x23)/Cube 0:** Measurement

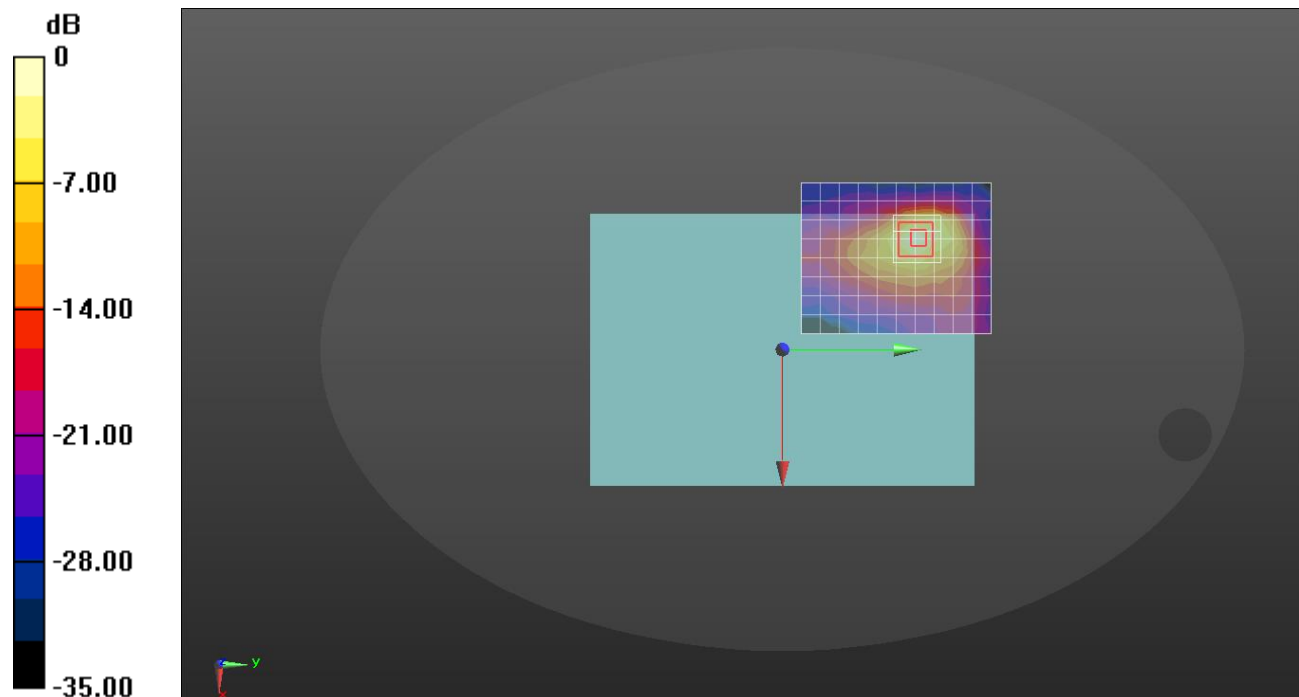
grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=1.4$ mm

Reference Value = 15.78 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.03 W/kg

**SAR(1 g) = 0.302 W/kg; SAR(10 g) = 0.119 W/kg**

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



0 dB = 0.512 W/kg = -2.91 dBW/kg

## Bluetooth

Frequency: 2441 MHz; Duty Cycle: 1:1.29033; Room Ambient Temperature: 23.0°C; Liquid Temperature: 22.0°C  
 Medium parameters used (interpolated):  $f = 2441$  MHz;  $\sigma = 1.812$  S/m;  $\epsilon_r = 38.261$ ;  $\rho = 1000$  kg/m<sup>3</sup>

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.012W/kg
- Electronics: DAE4 Sn1670; Calibrated: 2022-06-07
- Probe: EX3DV4 - SN7645; ConvF(8.25, 8.25, 8.25) @ 2441 MHz; Calibrated: 2022-04-29
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Phantom: ELI V6.0 (20deg probe tilt) (Left); Type: QD OVA 003 AA; Serial: 2111

**Rear/Bluetooth GFSK ch.39 Ant.2/Area Scan (9x13x1):** Measurement grid: dx=12mm, dy=12mm  
 Maximum value of SAR (measured) = 0.538 W/kg

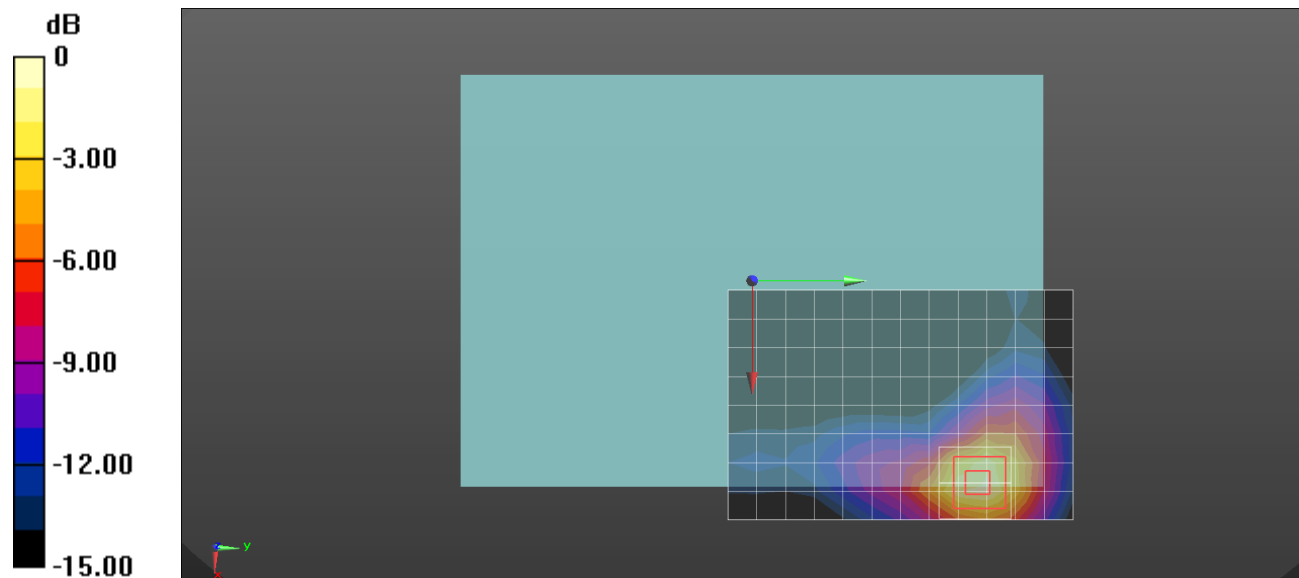
**Rear/Bluetooth GFSK ch.39 Ant.2/Zoom Scan (7x7x7)/Cube 0:** Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 17.22 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.739 W/kg

**SAR(1 g) = 0.388 W/kg; SAR(10 g) = 0.193 W/kg**

Maximum value of SAR (measured) = 0.613 W/kg



0 dB = 0.613 W/kg = -2.13 dBW/kg

# Measurement Report for Device, Rear, NFC, UID 0 -, Channel 13600 (13.6MHz)

## Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	BACK, 0.00	Custom Band	CW, 0--	13.6, 13600	17.91	0.757	53.6

## Hardware Setup

Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V6.0 (20deg probe tilt) - xxxx	HBBL-600-10000, 2022-Jul-14	EX3DV4 - SN7313, 2022-03-02	DAE4 Sn1668, 2022-04-27

## Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	210.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	4.0 x 4.0 x 1.4
Sensor Surface [mm]	3.0	1.4

## Measurement Results

	Area Scan	Zoom Scan
Date	2022-07-14	2022-07-14
psSAR1g [W/kg]	0.070	0.075
psSAR10g [W/kg]	0.051	0.028
Power Drift [dB]		-0.14
M2/M1 [%]		55.8
Dist 3dB Peak [mm]		5.4

