

APPENDIX A: SAR TEST DATA

PCTEST

DUT: C3K1995; Type: Portable Handset; Serial: J2211

Communication System: UID:10024 - DAC, GSM; MAIA: Y; Frequency: 836.6 MHz

Medium: 835 Head; Medium parameters used:

$f = 836.6$ MHz; $\text{cond} = 0.936$ S/m; $\text{perm} = 41.1$; $\text{density} = 1000$ kg/m³

Phantom Section: Right Head

Test Date: 10/04/2021; Ambient Temp: 24.0°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7406; ConvF:(9.68,9.68,9.68); Calibrated: 2021-07-20

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1676; Calibrated: 2021-06-21

Phantom: Twin-SAM V8.0; Serial: 2058

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: GPRS 850, South Antenna, WPT Cover, Flip Configuration, 2 TX slot,
Right Head, Cheek, Mid.ch**

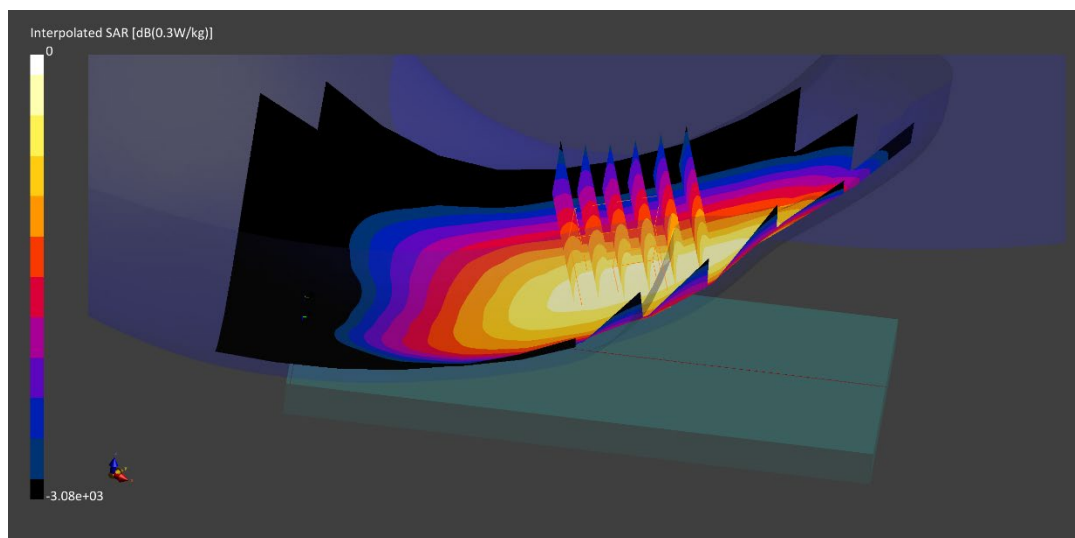
Area Scan (150.0 x 180.0): Measurement grid: $dx=15.0$ mm, $dy=15.0$ mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: $dx=6.0$ mm, $dy=6.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Reference Value = 0.30 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.353 W/kg

SAR(1 g) = 0.271 W/kg



PCTEST

DUT: C3K1995; Type: Portable Handset; Serial: J2211

Communication System: UID:10011 - CAB, WCDMA; MAIA: Y; Frequency: 1880.0 MHz

Medium: 1900 Head; Medium parameters used:

$f = 1880.0$ MHz; $\text{cond} = 1.44$ S/m; $\text{perm} = 39.1$; $\text{density} = 1000$ kg/m³

Phantom Section: Right Head

Test Date: 10/04/2021; Ambient Temp: 24.0°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7406; ConvF:(7.98,7.98,7.98); Calibrated: 2021-07-20

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1676; Calibrated: 2021-06-21

Phantom: Twin-SAM V8.0; Serial: 2058

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: UMTS 1900, South Antenna, WPT Cover, Flip Configuration,
Right Head, Cheek, Mid.Ch**

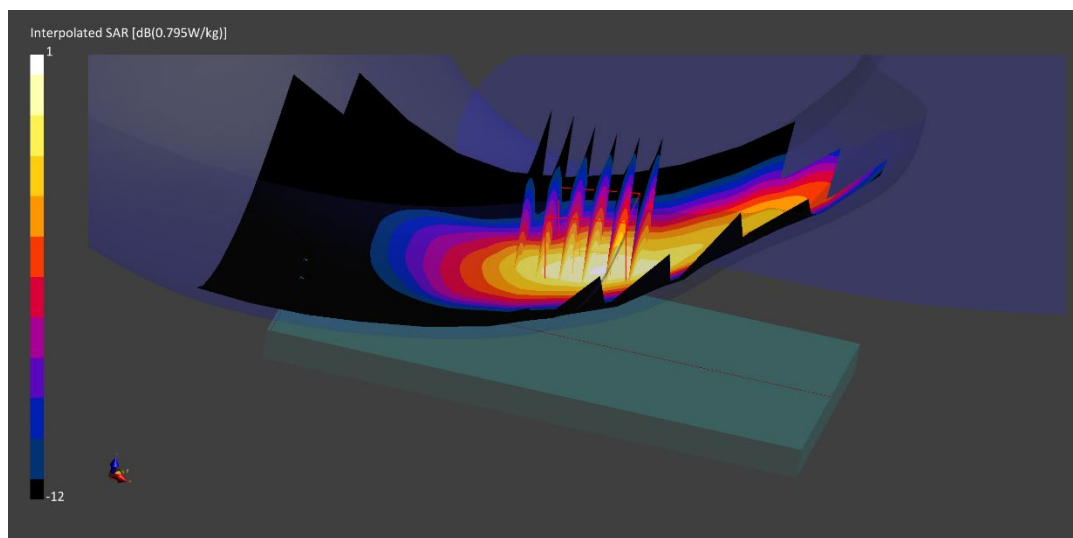
Area Scan (150.0 x 180.0): Measurement grid: $dx=15.0$ mm, $dy=15.0$ mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: $dx=6.0$ mm, $dy=6.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Reference Value = 0.77 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.06 W/kg

SAR(1 g) = 0.703 W/kg



PCTEST

DUT: C3K1995; Type: Portable Handset; Serial: L8211

Communication System: UID:10108 - CAG, LTE-FDD; MAIA: Y; Frequency: 793.0 MHz

Medium: 750 Head; Medium parameters used:

$f = 793.0$ MHz; $\text{cond} = 0.919$ S/m; $\text{perm} = 41.3$; $\text{density} = 1000$ kg/m³

Phantom Section: Left Head

Test Date: 10/04/2021; Ambient Temp: 24.0°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7406; ConvF:(10.08,10.08,10.08); Calibrated: 2021-07-20

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1676; Calibrated: 2021-06-21

Phantom: Twin-SAM V8.0; Serial: 2058

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: LTE Band 14, North Antenna, WPT Cover, Flip Configuration, Left Head, Cheek,
Mid.Ch, 10 MHz Bandwidth, QPSK, 50 RB, 0 RB Offset**

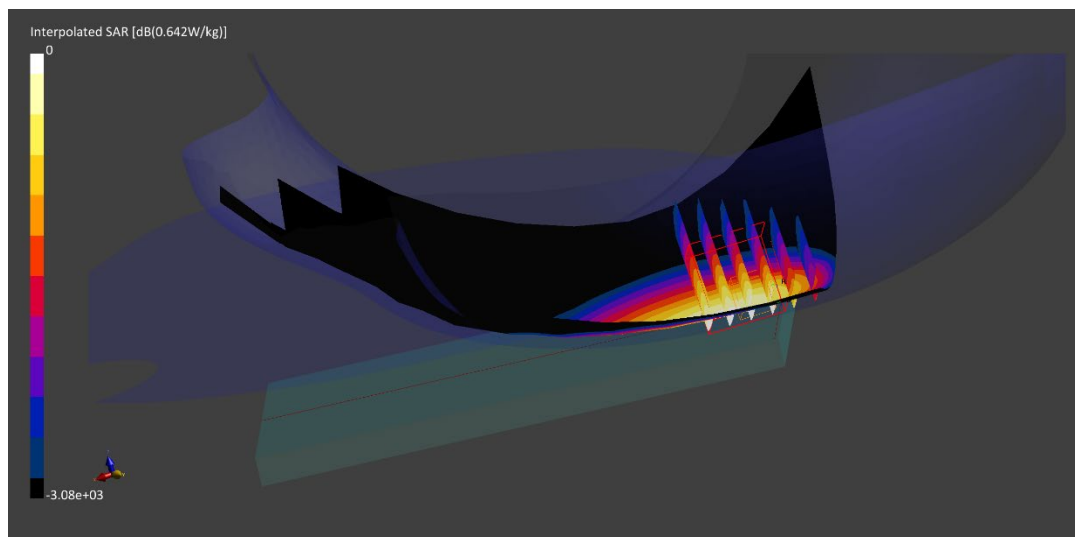
Area Scan (150.0 x 180.0): Measurement grid: $\text{dx}=15.0$ mm, $\text{dy}=15.0$ mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: $\text{dx}=6.0$ mm, $\text{dy}=6.0$ mm, $\text{dz}=1.5$ mm; Graded Ratio: 1.5

Reference Value = 0.58 W/kg; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.71 W/kg

SAR(1 g) = 0.622 W/kg



PCTEST

DUT: C3K1995; Type: Portable Handset; Serial: LE211

Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 1720.0 MHz

Medium: 1750 Head; Medium parameters used:

$f = 1720.0$ MHz; $\text{cond} = 1.35$ S/m; $\text{perm} = 39.4$; $\text{density} = 1000$ kg/m³

Phantom Section: Right Head

Test Date: 10/04/2021; Ambient Temp: 24.0°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7406; ConvF:(8.26,8.26,8.26); Calibrated: 2021-07-20

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1676; Calibrated: 2021-06-21

Phantom: Twin-SAM V8.0; Serial: 2058

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: LTE Band 66 (AWS), South Antenna, WPT Cover, Flip Configuration,
Right Head, Cheek, Low.ch, 20 MHz Bandwidth, QPSK, 1 RB, 99 RB Offset**

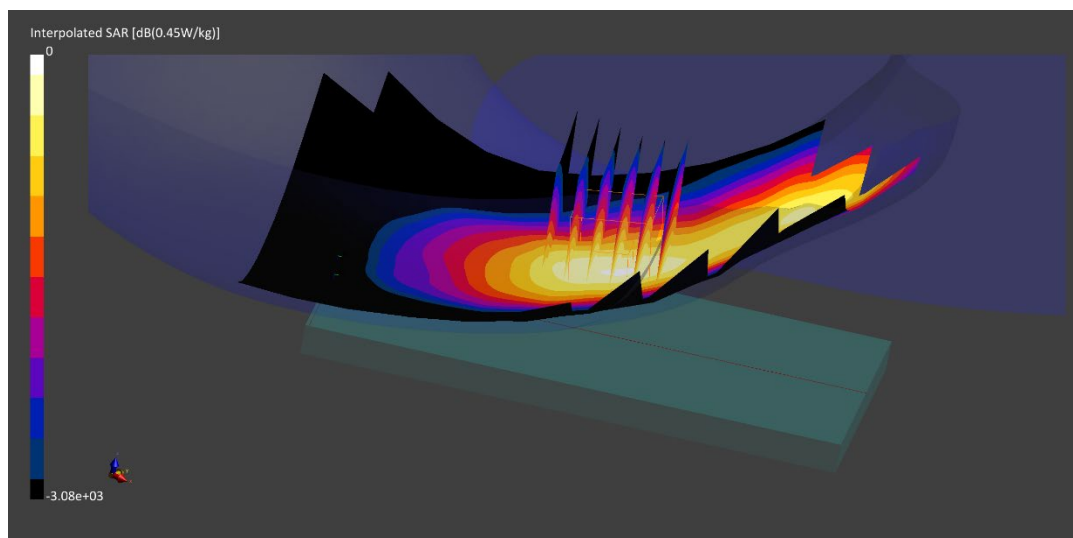
Area Scan (150.0 x 180.0): Measurement grid: $dx=15.0$ mm, $dy=15.0$ mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: $dx=6.0$ mm, $dy=6.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Reference Value = 0.44 W/kg; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.581 W/kg

SAR(1 g) = 0.396 W/kg



PCTEST

DUT: C3K1995; Type: Portable Handset; Serial: H7211

Communication System: UID:10773 - AAD, CW; MAIA: Y; Frequency: 1745.0 MHz

Medium: 1750 Head; Medium parameters used:

$f = 1745.0$ MHz; $\text{cond} = 1.37$ S/m; $\text{perm} = 39.4$; $\text{density} = 1000$ kg/m³

Phantom Section: Left Head

Test Date: 10/04/2021; Ambient Temp: 24.0°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7406; ConvF:(8.26,8.26,8.26); Calibrated: 2021-07-20

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1676; Calibrated: 2021-06-21

Phantom: Twin-SAM V8.0; Serial: 2058

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: NR Band n66, North Antenna, WPT Cover, Flip Configuration, Left Head, Cheek,
40 MHz Bandwidth, Ch. 349000, CP-OFDM QPSK, 1 RB, 1 RB Offset**

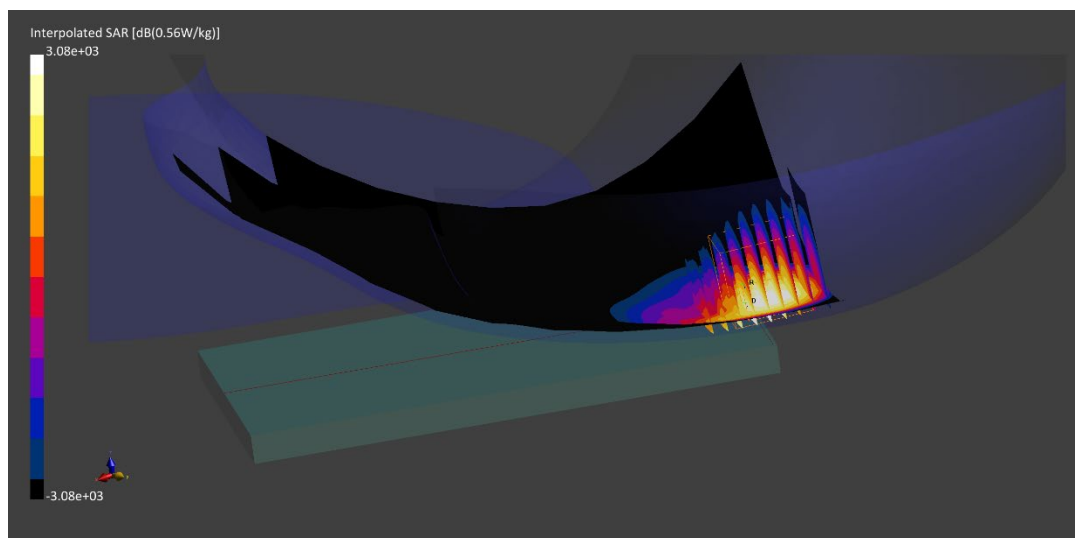
Area Scan (150.0 x 180.0): Measurement grid: $dx=15.0$ mm, $dy=15.0$ mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: $dx=4.05$ mm, $dy=4.05$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Reference Value = 0.51 W/kg; Power Drift = -0.06 dB

Peak SAR (extrapolated) = 1.39 W/kg

SAR(1 g) = 0.555 W/kg



PCTEST

DUT: C3K1995; Type: Portable Handset; Serial: HR211

Communication System: UID:10866 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 2593.0 MHz

Medium: 2450 Head; Medium parameters used:

$f = 2593.0$ MHz; $\text{cond} = 1.97$ S/m; $\text{perm} = 38.7$; $\text{density} = 1000$ kg/m³

Phantom Section: Right Head

Test Date: 10/03/2021; Ambient Temp: 24.1°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN7660; ConvF:(8.26,8.26,8.26); Calibrated: 2021-06-28

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1677; Calibrated: 2021-06-22

Phantom: Twin-SAM V8.0; Serial: 2056

Measurement SW: DASY Module SAR V16.0.0.116

Mode: NR Band n41, South Antenna, WPT Cover, Flip Configuration, Right Head, Cheek, 100 MHz Bandwidth, DFT-s-OFDM, QPSK, Ch. 518598, 1 RB, 137 RB Offset

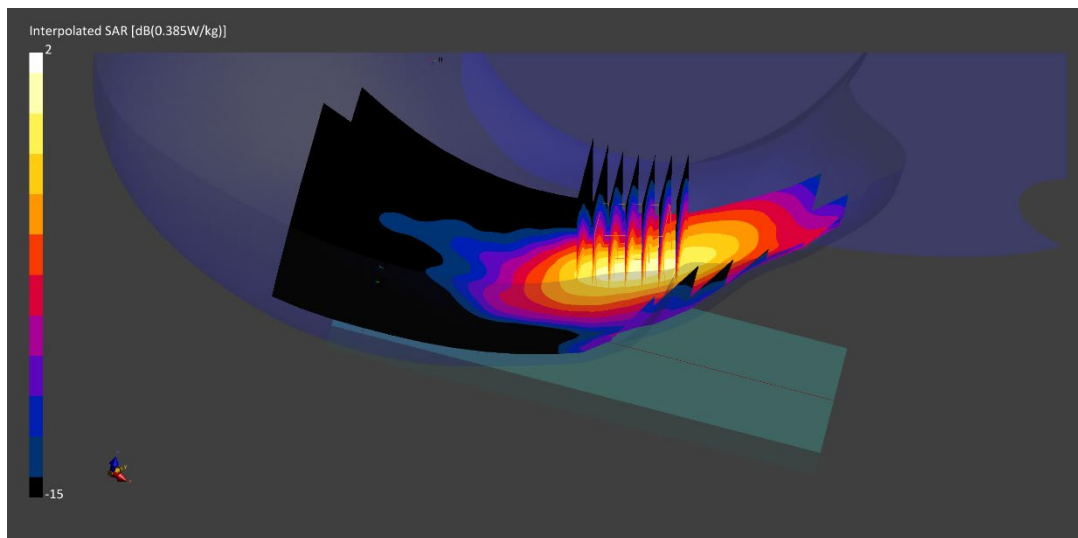
Area Scan (120.0 x 200.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Reference Value = 0.33 W/kg; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.553 W/kg

SAR(1 g) = 0.311 W/kg



PCTEST

DUT: C3K1995; Type: Portable Handset; Serial: HD211

Communication System: UID:10544 - AAC, WLAN; MAIA: Y; Frequency: 5290.0 MHz

Medium: 5200-5800 Head; Medium parameters used:

$f = 5290.0$ MHz; $\text{cond} = 4.80$ S/m; $\text{perm} = 35.3$; $\text{density} = 1000$ kg/m³

Phantom Section: Right Head

Test Date: 10/01/2021; Ambient Temp: 19.5°C; Tissue Temp: 20.5°C

Probe: EX3DV4 - SN7526; ConvF:(5.45,5.45,5.45); Calibrated: 2021-03-16

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1272; Calibrated: 2021-03-18

Phantom: Twin-SAM V5.0; Serial: 1758

Measurement SW: DASY Module SAR V16.0.0.116

**Mode IEEE 802.11ac, Antenna 2, WPT Cover, Flip Configuration, U-NII-2A, 80 MHz
Bandwidth, Right Head, Tilt, Ch. 58, 28.3 Mbps**

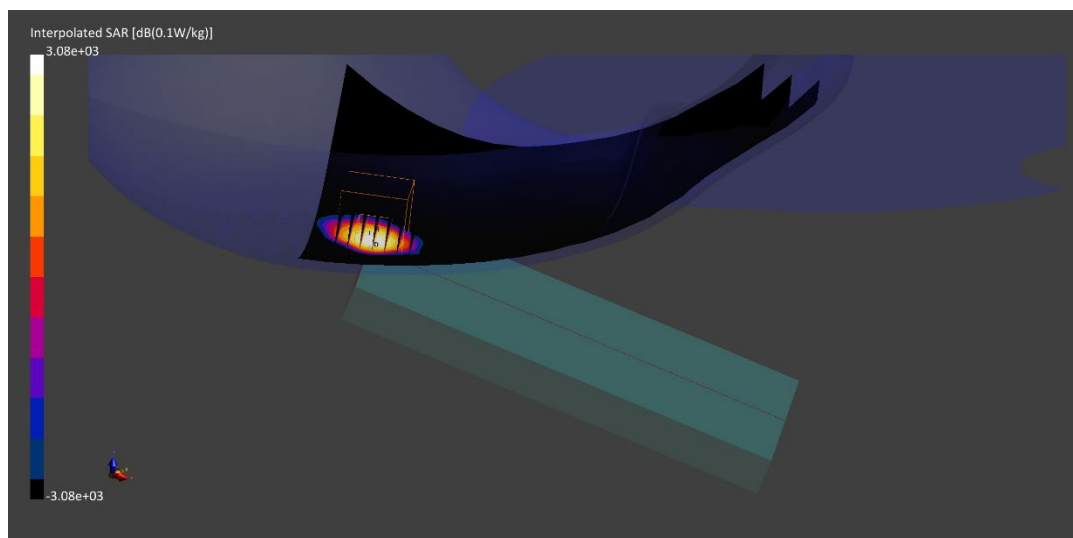
Area Scan (140.0 x 180.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: $dx=4.0$ mm, $dy=4.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

Reference Value = 0.15 W/kg; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0.791 W/kg

SAR(1 g) = 0.194 W/kg



PCTEST

DUT: C3K1995; Type: Portable Handset; Serial: J2211

Communication System: UID 0, GSM GPRS; 2 Tx slots; Frequency: 848.8 MHz; Duty Cycle: 1:4.15

Medium: 835 Body; Medium parameters used (interpolated):

$f = 848.8 \text{ MHz}$; $\sigma = 0.962 \text{ S/m}$; $\epsilon_r = 54.413$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 10/03/2021; Ambient Temp: 21.5°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7409; ConvF(9.66, 9.66, 9.66) @ 848.8 MHz; Calibrated: 6/21/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1334; Calibrated: 6/15/2021

Phantom: Twin-SAM V5.0 Front (20); Type: QD 000 P40 CD; Serial: 1759

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Mode: GPRS 850, South Antenna, WPT Cover, Flip Configuration, Body SAR,
Front side, High.ch, 2 Tx Slots**

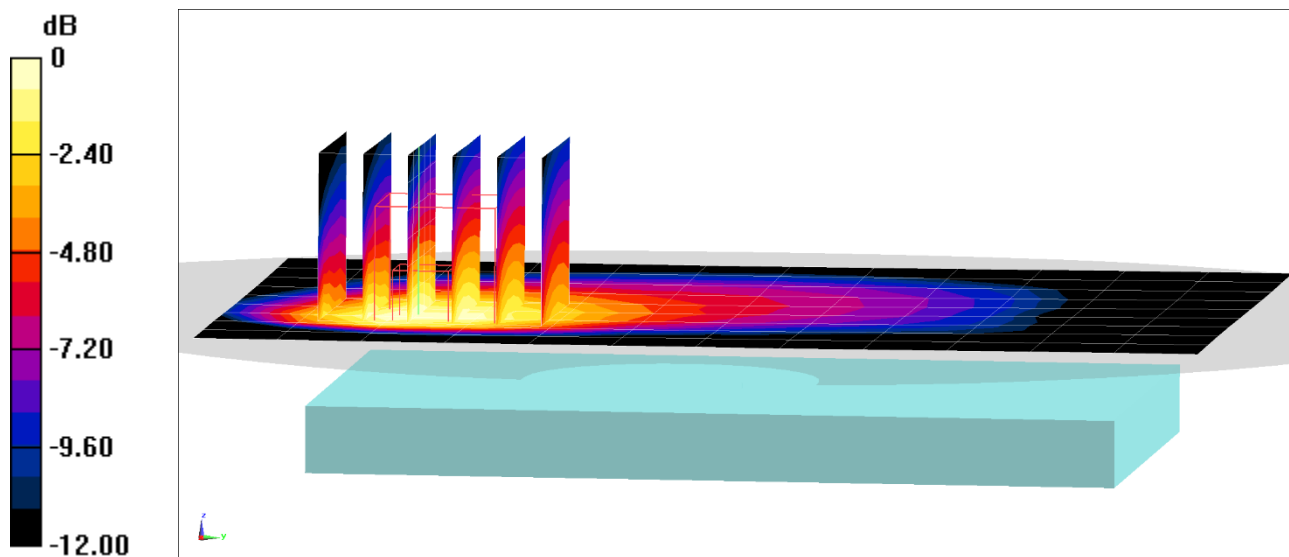
Area Scan (10x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 29.14 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.28 W/kg

SAR(1 g) = 0.770 W/kg



0 dB = 1.05 W/kg = 0.21 dBW/kg

PCTEST

DUT: C3K1995; Type: Portable Handset; Serial: GH211

Communication System: UID 0, UMTS; Frequency: 836.6 MHz; Duty Cycle: 1:1

Medium: 835 Body; Medium parameters used (interpolated):

$f = 836.6 \text{ MHz}$; $\sigma = 0.949 \text{ S/m}$; $\epsilon_r = 54.53$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 10/03/2021; Ambient Temp: 21.5°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7409; ConvF(9.66, 9.66, 9.66) @ 836.6 MHz; Calibrated: 6/21/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1334; Calibrated: 6/15/2021

Phantom: Twin-SAM V5.0 Front (20); Type: QD 000 P40 CD; Serial: 1759

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Mode: UMTS 850, South Antenna, WPT Cover, Flip Configuration, Body SAR,
Front side, Mid.ch**

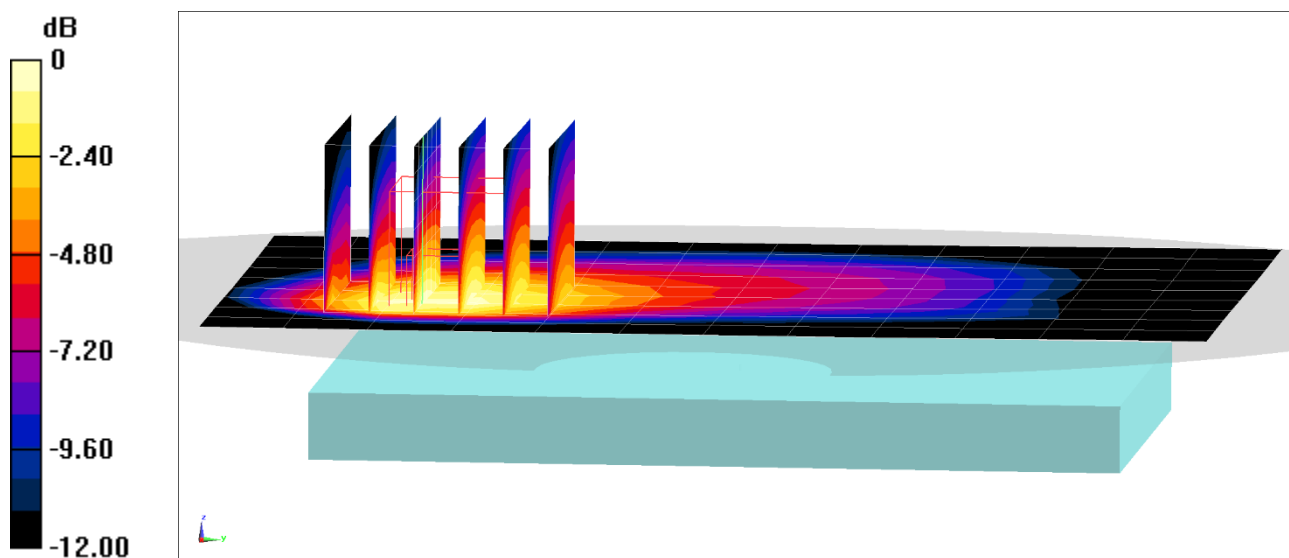
Area Scan (10x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (7x6x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 29.83 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.34 W/kg

SAR(1 g) = 0.808 W/kg



0 dB = 1.11 W/kg = 0.45 dBW/kg

PCTEST

DUT: C3K1995; Type: Portable Handset; Serial: JJ211

Communication System: UID 0, LTE Band 5; Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium: 835 Body; Medium parameters used (interpolated):

$f = 836.5 \text{ MHz}$; $\sigma = 0.949 \text{ S/m}$; $\epsilon_r = 54.531$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 10/03/2021; Ambient Temp: 21.5°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7409; ConvF(9.66, 9.66, 9.66) @ 836.5 MHz; Calibrated: 6/21/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1334; Calibrated: 6/15/2021

Phantom: Twin-SAM V5.0 Front (20); Type: QD 000 P40 CD; Serial: 1759

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Mode: LTE Band 5 (Cell.), ULCA, South Antenna, WPT Cover,
Flip Configuration, Body SAR, Back side,**

PCC: Ch. 20525, 10 MHz Bandwidth, QPSK, 1 RB, 49 RB Offset

SCC: Ch. 20597, 5 MHz Bandwidth, QPSK, 1 RB, 0 RB Offset

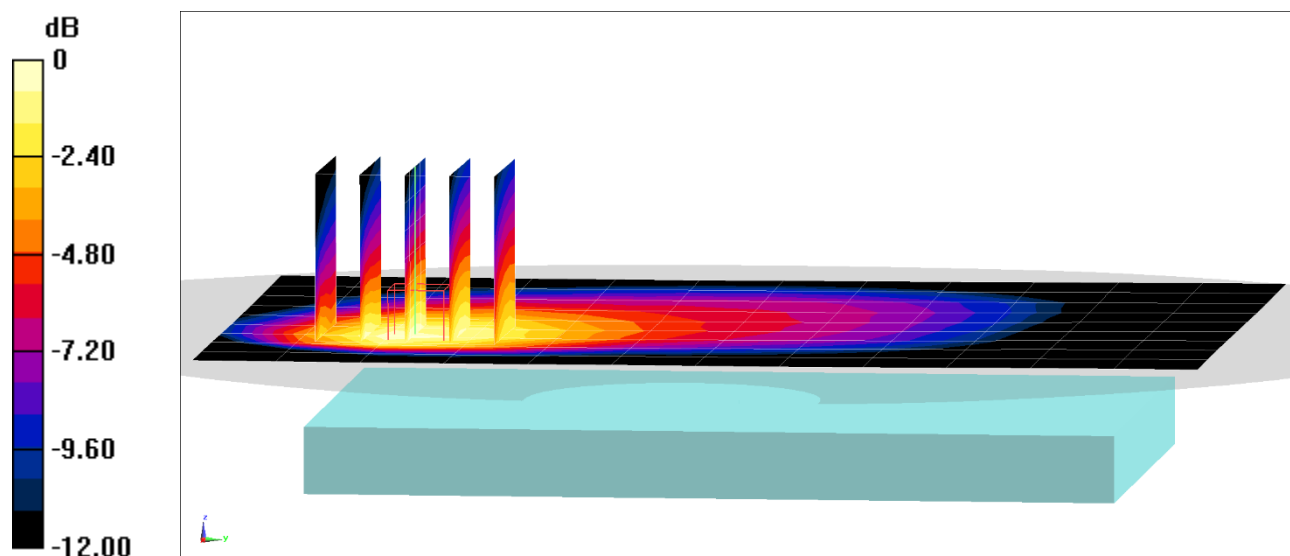
Area Scan (10x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

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

Reference Value = 32.41 V/m; Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.62 W/kg

SAR(1 g) = 0.944 W/kg



PCTEST

DUT: C3K1995; Type: Portable Handset; Serial: JW211

Communication System: UID 0, LTE Band 25 (PCS); Frequency: 1860 MHz; Duty Cycle: 1:1

Medium: 1900 Body; Medium parameters used:

$f = 1860 \text{ MHz}$; $\sigma = 1.493 \text{ S/m}$; $\epsilon_r = 50.981$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 10/04/2021; Ambient Temp: 21.9°C; Tissue Temp: 22.0°C

Probe: EX3DV4 - SN7410; ConvF(7.7, 7.7, 7.7) @ 1860 MHz; Calibrated: 7/20/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1583; Calibrated: 7/13/2021

Phantom: Twin-SAM V5.0 (Front); Type: QD 000 P40 CD; Serial: 1792

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

**Mode: LTE Band 25 (PCS), North Antenna, WPT cover, Flip Configuration, Body SAR,
Front side, Low.ch, 20 MHz Bandwidth, QPSK, 1 RB, 99 RB Offset**

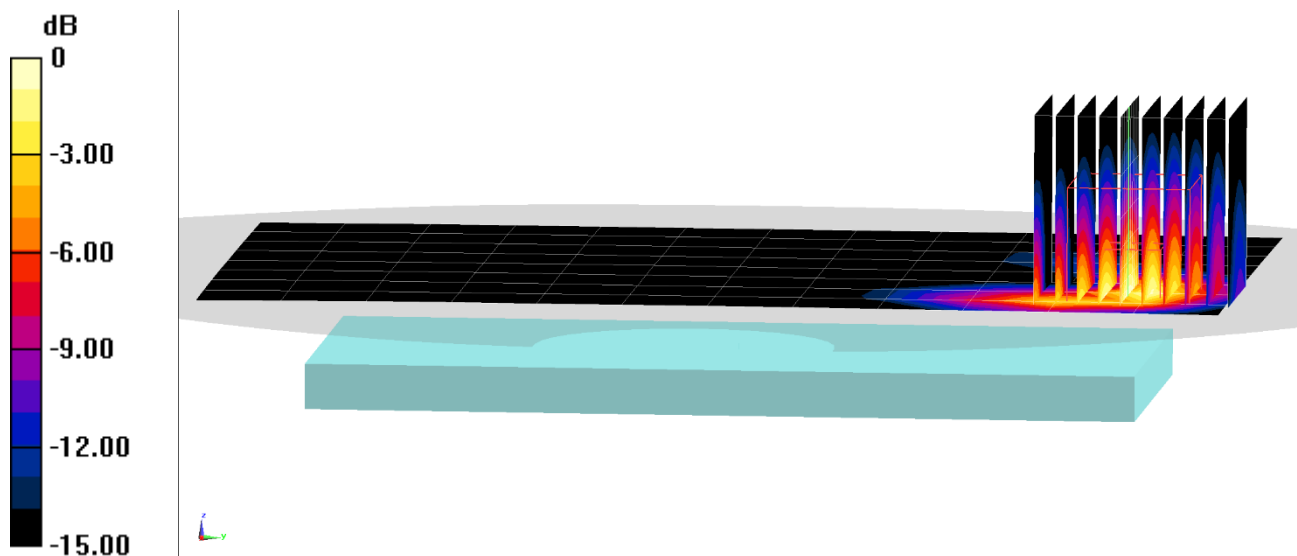
Area Scan (9x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (10x10x8)/Cube 0: Measurement grid: $dx=3.8\text{mm}$, $dy=3.8\text{mm}$, $dz=1.4\text{mm}$; Graded Ratio: 1.4

Reference Value = 25.21 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.66 W/kg

SAR(1 g) = 0.830 W/kg



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

PCTEST

DUT: C3K1995; Type: Portable Handset; Serial: KF211

Communication System: UID 0, NR Band n25; Frequency: 1882.5 MHz; Duty Cycle: 1:1

Medium: 1900 Body; Medium parameters used (interpolated):

$f = 1882.5 \text{ MHz}$; $\sigma = 1.551 \text{ S/m}$; $\epsilon_r = 51.557$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 1.0 cm

Test Date: 09/30/2021; Ambient Temp: 21.3°C; Tissue Temp: 21.9°C

Probe: EX3DV4 - SN7410; ConvF(7.7, 7.7, 7.7) @ 1882.5 MHz; Calibrated: 7/20/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1583; Calibrated: 7/13/2021

Phantom: Twin-SAM V5.0 (Front); Type: QD 000 P40 CD; Serial: 1792

Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Mode: NR Band n25, South Antenna, WPT cover, Flip Configuration, Body SAR, Front Side, 40 MHz Bandwidth, CP-OFDM QPSK, Ch. 376500, 1 RB, 1 RB Offset

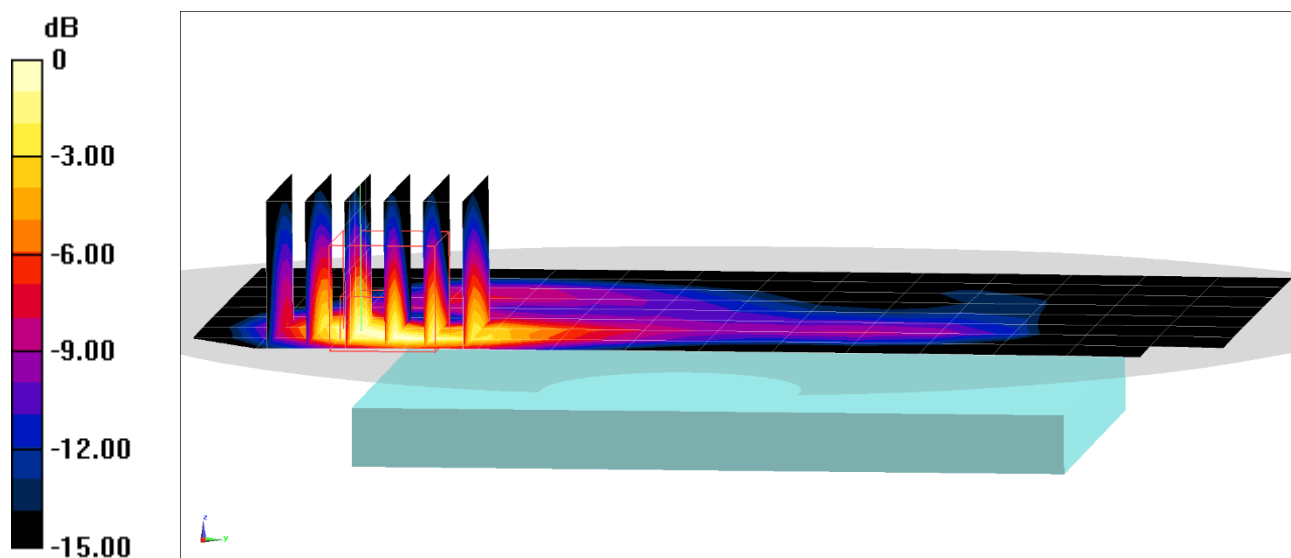
Area Scan (9x15x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (6x6x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 20.42 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.10 W/kg

SAR(1 g) = 0.589 W/kg



0 dB = 0.898 W/kg = -0.47 dBW/kg

PCTEST

DUT: C3K1995; Type: Portable Handset; Serial: LG211

Communication System: UID:10917 - AAB, 5G NR FR1 TDD; MAIA: Y; Frequency: 2593.0 MHz

Medium: 2450 Body; Medium parameters used:

$f = 2593.0$ MHz; $\text{cond} = 2.22$ S/m; $\text{perm} = 52.0$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 09/13/2021; Ambient Temp: 22.2°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN3914; ConvF:(7.14,7.14,7.14); Calibrated: 2021-05-18

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn728; Calibrated: 2021-05-11

Phantom: Twin-SAM V5.0 (Left); Serial: 1873

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: NR Band n41, MIMO04 Antenna, Flip Configuration, Body SAR, Front Side,
100 MHz Bandwidth, Ch. 518598, DFT-s-OFDM, QPSK, 135 RB, 0 RB Offset**

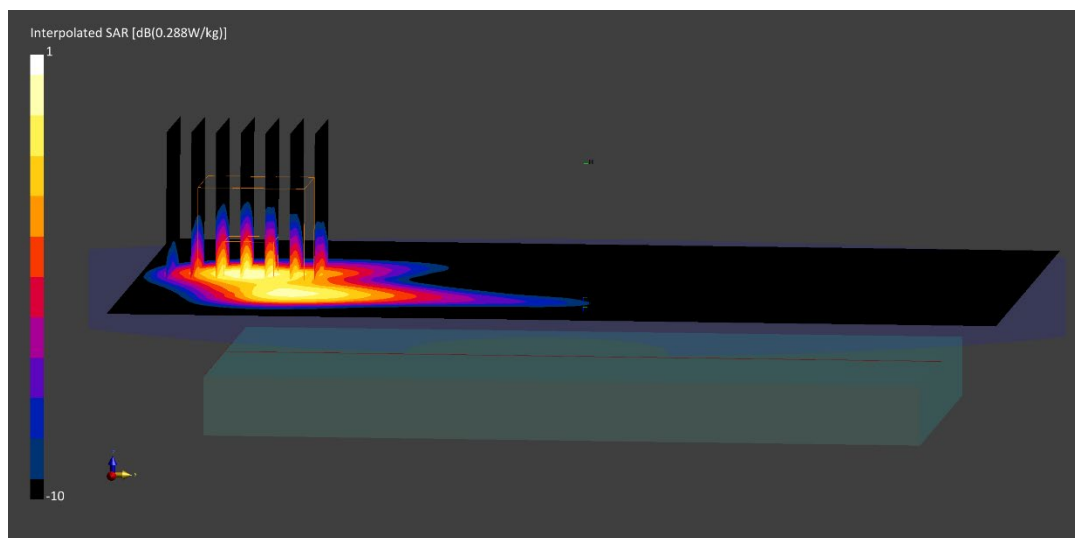
Area Scan (140.0 x 180.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Reference Value = 0.17 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 0.456 W/kg

SAR(1 g) = 0.214 W/kg



PCTEST

DUT: C3K1995; Type: Portable Handset; Serial: M1211

Communication System: UID:10803 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 2593.0 MHz

Medium: 2450 Body; Medium parameters used:

$f = 2593.0$ MHz; $\text{cond} = 2.23$ S/m; $\text{perm} = 53.4$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 09/28/2021; Ambient Temp: 20.7°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN7539; ConvF:(7.55,7.55,7.55); Calibrated: 2020-10-20

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1415; Calibrated: 2021-03-10

Phantom: Twin-SAM V8.0; Serial: 1630

Measurement SW: DASY Module SAR V16.0.0.116

Mode: NR Band n41, North Antenna, WPT Cover, Flip Configuration, Body SAR, Top Edge, 100 MHz Bandwidth, Ch. 518598, CP-OFDM, QPSK, 1 RB, 1 RB Offset

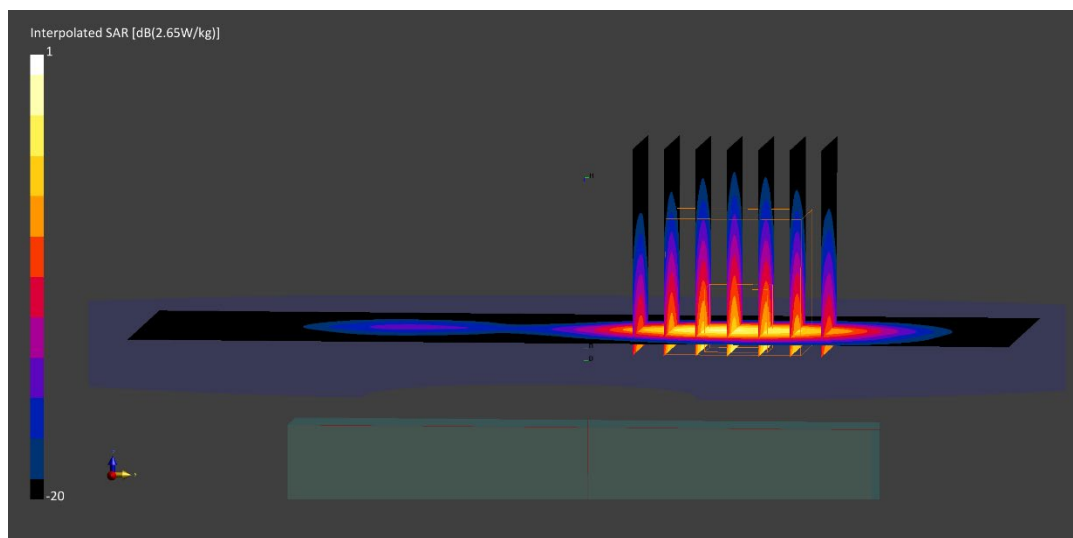
Area Scan (60.0 x 140.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Reference Value = 0.85 W/kg; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 1.38 W/kg

SAR(1 g) = 0.678 W/kg



PCTEST

DUT: C3K1995; Type: Portable Handset; Serial: HB211

Communication System: UID:10417 - AAC, WLAN; MAIA: Y; Frequency: 5720.0 MHz

Medium: 5200-5800 Body; Medium parameters used:

$f = 5720.0$ MHz; $\text{cond} = 6.14$ S/m; $\text{perm} = 48.8$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 10.00 mm

Test Date: 09/27/2021; Ambient Temp: 19.7°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7526; ConvF:(4.18,4.18,4.18); Calibrated: 2021-03-16

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1272; Calibrated: 2021-03-18

Phantom: Twin-SAM V5.0; Serial: 1758

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: IEEE 802.11a, Antenna 1, WPT Cover, Flip Configuration, 20 MHz Bandwidth,
UNII-2C, Ch. 144, Body SAR, Front side, 6 Mbps**

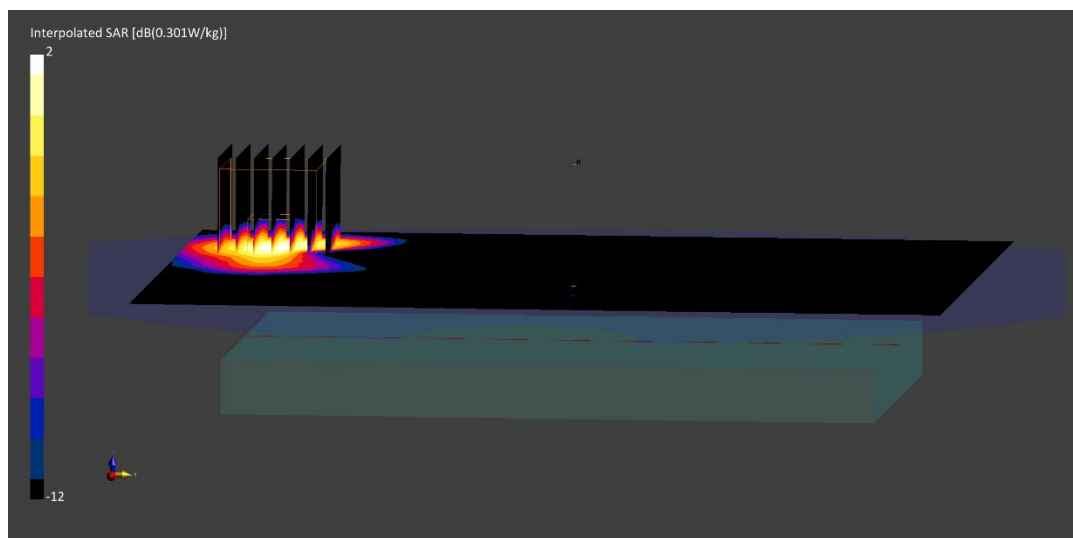
Area Scan (140.0 x 180.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: $dx=4.0$ mm, $dy=4.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

Reference Value = 0.16 W/kg; Power Drift = -0.02 dB

Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.316 W/kg



PCTEST

DUT: C3K1995; Type: Portable Handset; Serial: GH211

Communication System: UID 0, GSM GPRS; 2 Tx slots; Frequency: 848.8 MHz; Duty Cycle: 1:4.15

Medium: 835 Body; Medium parameters used (interpolated):

$f = 848.8 \text{ MHz}$; $\sigma = 0.962 \text{ S/m}$; $\epsilon_r = 54.413$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section; Space: 0.0 cm

Test Date: 10/03/2021; Ambient Temp: 21.5°C; Tissue Temp: 20.9°C

Probe: EX3DV4 - SN7409; ConvF(9.66, 9.66, 9.66) @ 848.8 MHz; Calibrated: 6/21/2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn1334; Calibrated: 6/15/2021

Phantom: Twin-SAM V5.0 Front (20); Type: QD 000 P40 CD; Serial: 1759

Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

**Mode: GPRS 850, South Antenna, WPT Cover, Flip Configuration, Phablet SAR,
Front side, High.ch, 2 Tx Slots**

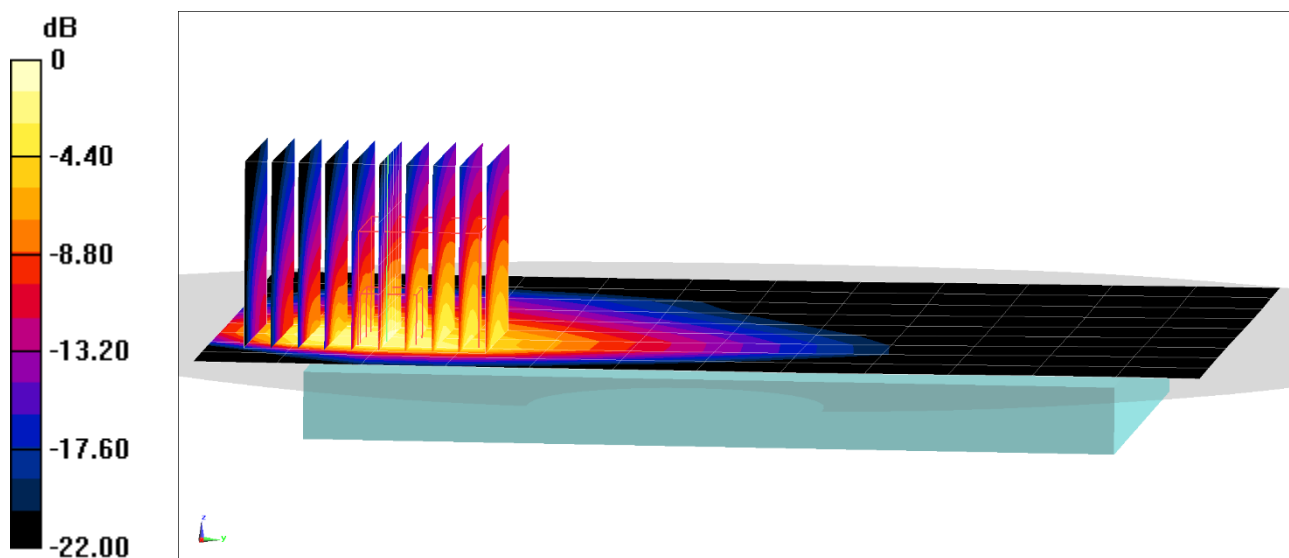
Area Scan (10x13x1): Measurement grid: $dx=15\text{mm}$, $dy=15\text{mm}$

Zoom Scan (9x10x8)/Cube 0: Measurement grid: $dx=4.8\text{mm}$, $dy=4.8\text{mm}$, $dz=1.4\text{mm}$; Graded Ratio: 1.4

Reference Value = 63.44 V/m; Power Drift = -0.18 dB

Peak SAR (extrapolated) = 14.0 W/kg

SAR(10 g) = 2.02 W/kg



0 dB = 6.75 W/kg = 8.29 dBW/kg

PCTEST

DUT: C3K1995; Type: Portable Handset; Serial: GH211

Communication System: UID:10169 - CAE, LTE-FDD; MAIA: Y; Frequency: 2535.0 MHz

Medium: 2450 Body; Medium parameters used:

$f = 2535.0$ MHz; $\text{cond} = 2.15$ S/m; $\text{perm} = 53.6$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 09/28/2021; Ambient Temp: 20.7°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN7539; ConvF:(7.55,7.55,7.55); Calibrated: 2020-10-20

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1415; Calibrated: 2021-03-10

Phantom: Twin-SAM V8.0; Serial: 1630

Measurement SW: DASY Module SAR V16.0.0.116

Mode: LTE Band 7, North Antenna, WPT Cover, Flip Configuration, Phablet SAR, Front Side, 20 MHz Bandwidth, Mid.ch, QPSK, 1 RB, 99 RB Offset

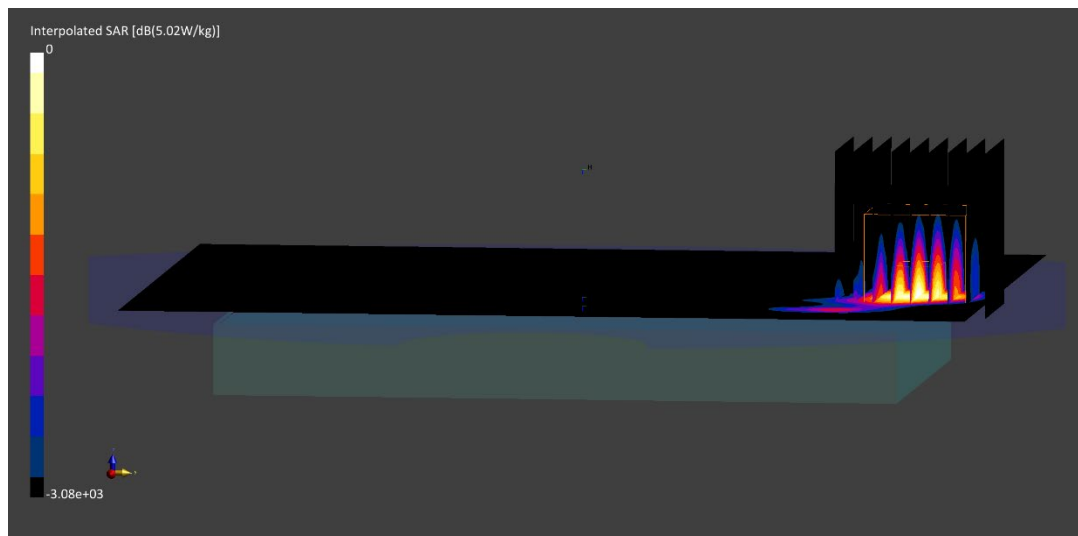
Area Scan (140.0 x 180.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: $dx=4.0$ mm, $dy=4.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

Reference Value = 6.40 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 12.3 W/kg

SAR(10 g) = 1.42 W/kg



PCTEST

DUT: C3K1995; Type: Portable Handset; Serial: LT211

Communication System: UID:10866 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 2593.0 MHz

Medium: 2450 Body; Medium parameters used:

$f = 2593.0$ MHz; $\text{cond} = 2.23$ S/m; $\text{perm} = 53.4$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 09/28/2021; Ambient Temp: 20.7°C; Tissue Temp: 20.6°C

Probe: EX3DV4 - SN7539; ConvF:(7.55,7.55,7.55); Calibrated: 2020-10-20

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1415; Calibrated: 2021-03-10

Phantom: Twin-SAM V8.0; Serial: 1630

Measurement SW: DASY Module SAR V16.0.0.116

Mode: NR Band n41, South Antenna, WPT Cover, Flip Configuration, Phablet SAR, Front Side, 100 MHz Bandwidth, Ch. 518598, DFT-s-OFDM, QPSK, 1 RB, 137 RB Offset

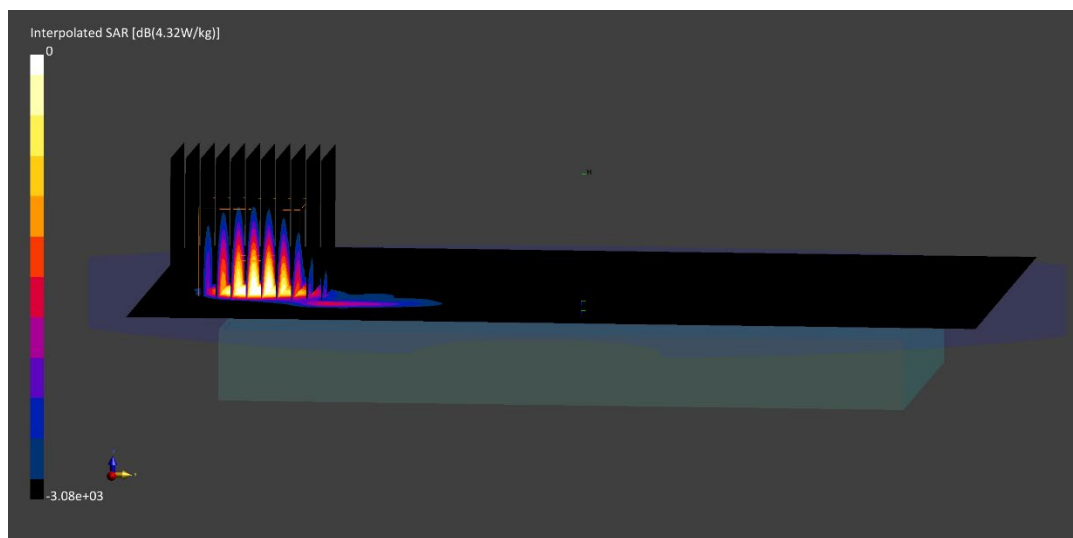
Area Scan (140.0 x 180.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: $dx=3.2$ mm, $dy=3.2$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Reference Value = 5.23 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 10.4 W/kg

SAR(10 g) = 1.25 W/kg



PCTEST

DUT: C3K1995; Type: Portable Handset; Serial: HB211

Communication System: UID:10417 - AAC, WLAN; MAIA: Y; Frequency: 5500.0 MHz

Medium: 5200-5800 Body; Medium parameters used:

$f = 5500.0$ MHz; $\text{cond} = 5.79$ S/m; $\text{perm} = 49.2$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 09/27/2021; Ambient Temp: 19.7°C; Tissue Temp: 20.0°C

Probe: EX3DV4 - SN7526; ConvF:(4.16,4.16,4.16); Calibrated: 2021-03-16

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn1272; Calibrated: 2021-03-18

Phantom: Twin-SAM V5.0; Serial: 1758

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: IEEE 802.11a, Antenna 1, WPT Cover, Flip Configuration, 20 MHz Bandwidth,
UNII-2C, Ch. 100, Phablet SAR, Bottom Edge, 6 Mbps**

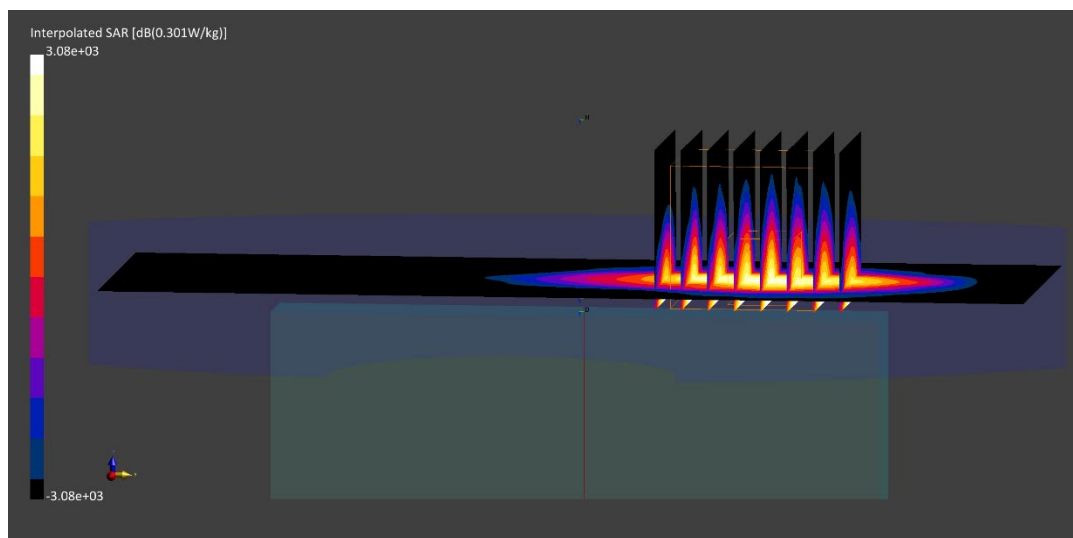
Area Scan (50.0 x 140.0): Measurement grid: $dx=5.0$ mm, $dy=10.0$ mm

Zoom Scan (22.0 x 22.0 x 22.0): Measurement grid: $dx=4.0$ mm, $dy=4.0$ mm, $dz=1.4$ mm; Graded Ratio: 1.4

Reference Value = 4.06 W/kg; Power Drift = 0.00 dB

Peak SAR (extrapolated) = 35.6 W/kg

SAR(10 g) = 1.89 W/kg



PCTEST

DUT: C3K1995; Type: Portable Handset; Serial: LG211

Communication System: UID:10917 - AAB, 5G NR FR1 TDD; MAIA: Y; Frequency: 2593.0 MHz

Medium: 2450 Body; Medium parameters used:

$f = 2593.0$ MHz; $\text{cond} = 2.22$ S/m; $\text{perm} = 52.0$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 5.00 mm

Test Date: 09/13/2021; Ambient Temp: 22.2°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN3914; ConvF:(7.14,7.14,7.14); Calibrated: 2021-05-18

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn728; Calibrated: 2021-05-11

Phantom: Twin-SAM V5.0 (Lett); Serial: 1873

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: NR Band n41, MIMO4 Antenna, Read Configuration, Phablet SAR, Back Side,
100 MHz Bandwidth, Ch. 518598, DFT-s-OFDM, QPSK, 135 RB, 0 RB Offset**

Area Scan (220.0 x 180.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Reference Value = 0.22 W/kg; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 0.721 W/kg

SAR(1 g) = 0.291 W/kg



PCTEST

DUT: C3K1995; Type: Portable Handset; Serial: LG211

Communication System: UID:10803 - AAD, 5G NR FR1 TDD; MAIA: Y; Frequency: 2593.0 MHz

Medium: 2450 Body; Medium parameters used:

$f = 2593.0$ MHz; $\text{cond} = 2.22$ S/m; $\text{perm} = 52.0$; $\text{density} = 1000$ kg/m³

Phantom Section: Flat; Space: 0.00 mm

Test Date: 09/13/2021; Ambient Temp: 22.2°C; Tissue Temp: 22.2°C

Probe: EX3DV4 - SN3914; ConvF:(7.14,7.14,7.14); Calibrated: 2021-05-18

Sensor-Surface: 1.4mm (VMS + 6p)

Electronics: DAE4 Sn728; Calibrated: 2021-05-11

Phantom: Twin-SAM V5.0 (Left); Serial: 1873

Measurement SW: DASY Module SAR V16.0.0.116

**Mode: NR Band n41, MIMO4 Antenna, Flat Configuration, Phablet SAR, Back Side,
100 MHz Bandwidth, Ch. 518598, CP-OFDM, QPSK, 1 RB, 1 RB Offset**

Area Scan (60.0 x 60.0): Measurement grid: $dx=10.0$ mm, $dy=10.0$ mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: $dx=5.0$ mm, $dy=5.0$ mm, $dz=1.5$ mm; Graded Ratio: 1.5

Reference Value = 0.19 W/kg; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 0.731 W/kg

SAR(1 g) = 0.240 W/kg



PCTEST

DUT: C3K1995; Type: Portable Handset; Serial: YM212

Communication System: UID:0: CW; Frequency: 13.6 MHz
Medium: 13 MHz; Medium parameters used:
f = 13.6 MHz; cond = 0.744 S/m; perm = 53.3; density = 1000 kg/m³
Phantom Section: Flat; Space: 0.00 mm

Test Date: 09/08/2021; Ambient Temp: 22.2°C; Tissue Temp: 21.2°C

Probe: EX3DV4 - SN3914; ConvF:(18.18,18.18,18.18); Calibrated: 2021-05-18
Sensor-Surface: 1.4mm (VMS + 6p)
Electronics: DAE4 Sn728; Calibrated: 2021-05-11
Phantom: ELI V4.0 (20deg probe tilt); Serial: 1202
Measurement SW: DASY Module SAR V16.0.0.65

Mode: NFC, Flat Configuration, Body SAR, Bottom Edge

Area Scan (48.0 x 150.0): Measurement grid: dx=12.0 mm, dy=15.0 mm

Zoom Scan (30.0 x 30.0 x 30.0): Measurement grid: dx=6.0 mm, dy=6.0 mm, dz=1.5 mm; Graded Ratio: 1.5

Reference Value = 0.00 W/kg; Power Drift = -0.19 dB

Peak SAR (extrapolated) = 0 W/kg

SAR(1 g) = 0 W/kg

