

Appendix C - Highest Measurement Plots

Date: 2022/11/9

4_WCDMA Band II_RMC12.2Kbps_Ch9538_Side 1_0 mm

DUT: UX10G3

Communication System: UID 0, WCDMA Band II (0); Frequency: 1907.6 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1908$ MHz; $\sigma = 1.396$ S/m; $\epsilon_r = 40.477$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(8.29, 8.29, 8.29) @ 1907.6 MHz; Calibrated: 2022/3/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2022/3/23
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

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

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

Reference Value = 27.36 V/m; Power Drift = 0.10 dB

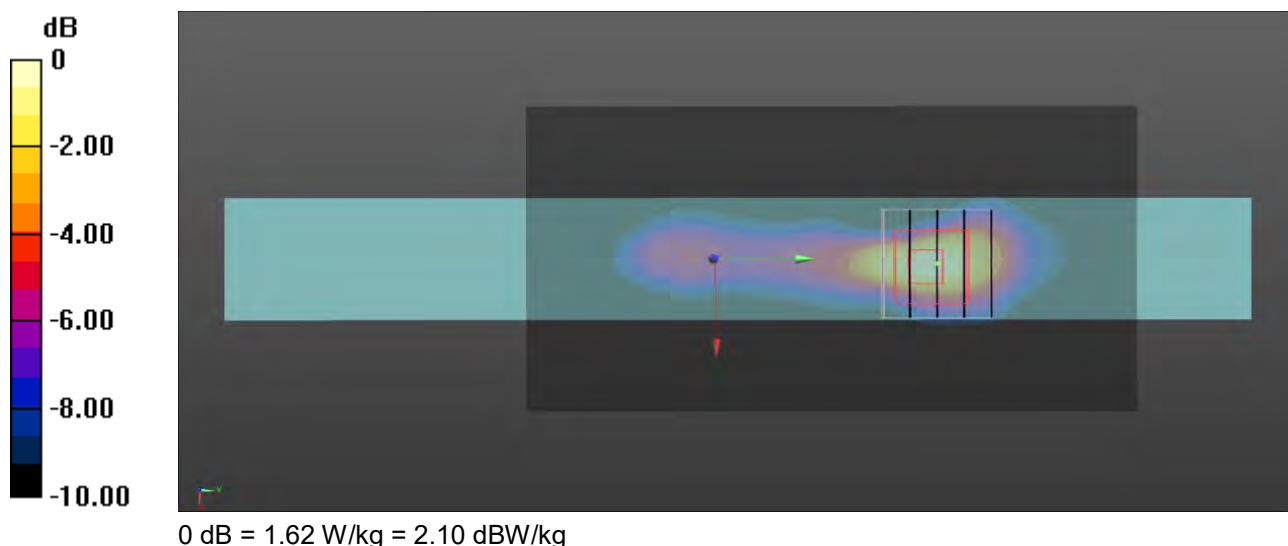
Peak SAR (extrapolated) = 2.05 W/kg

SAR(1 g) = 0.905 W/kg; SAR(10 g) = 0.457 W/kg

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 48%

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



Date: 2022/11/8

13_WCDMA Band IV_RMC12.2Kbps_Ch1513_Side 1_0 mm_Down 1

DUT: UX10G3

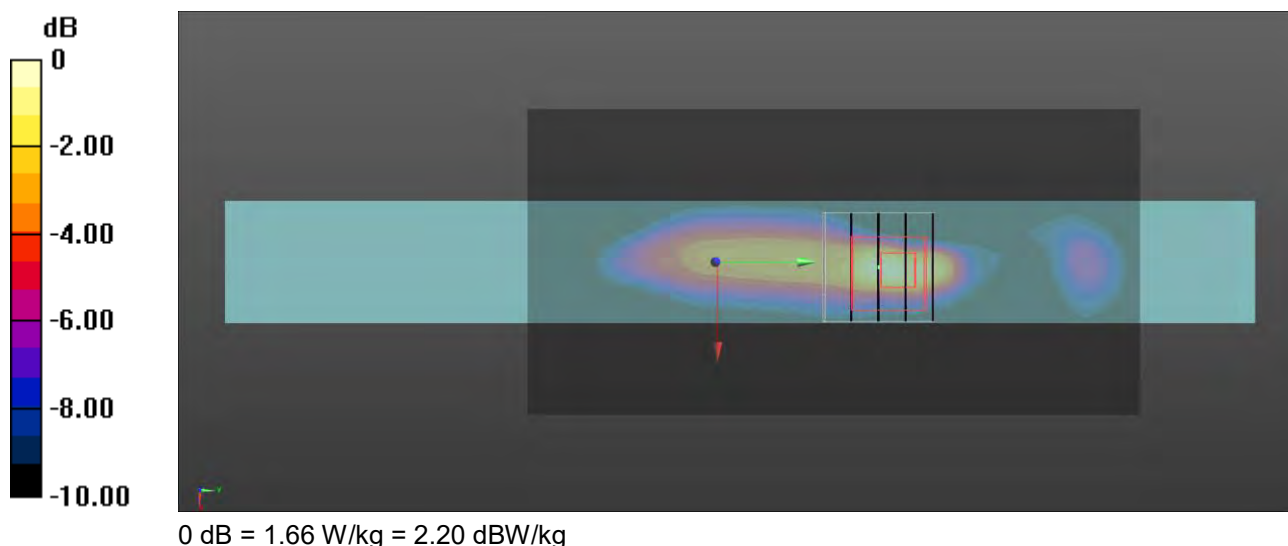
Communication System: UID 0, WCDMA Band IV (0); Frequency: 1752.6 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 1753$ MHz; $\sigma = 1.34$ S/m; $\epsilon_r = 39.435$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(8.53, 8.53, 8.53) @ 1752.6 MHz; Calibrated: 2022/3/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2022/3/23
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 1.58 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 29.96 V/m; Power Drift = -0.07 dB
Peak SAR (extrapolated) = 2.05 W/kg
SAR(1 g) = 0.947 W/kg; SAR(10 g) = 0.491 W/kg
Smallest distance from peaks to all points 3 dB below = 8.2 mm
Ratio of SAR at M2 to SAR at M1 = 52.1%
Maximum value of SAR (measured) = 1.66 W/kg



Date: 2022/11/7

21_WCDMA Band V_RMC12.2Kbps_Ch4132_Side 1_0 mm

DUT: UX10G3

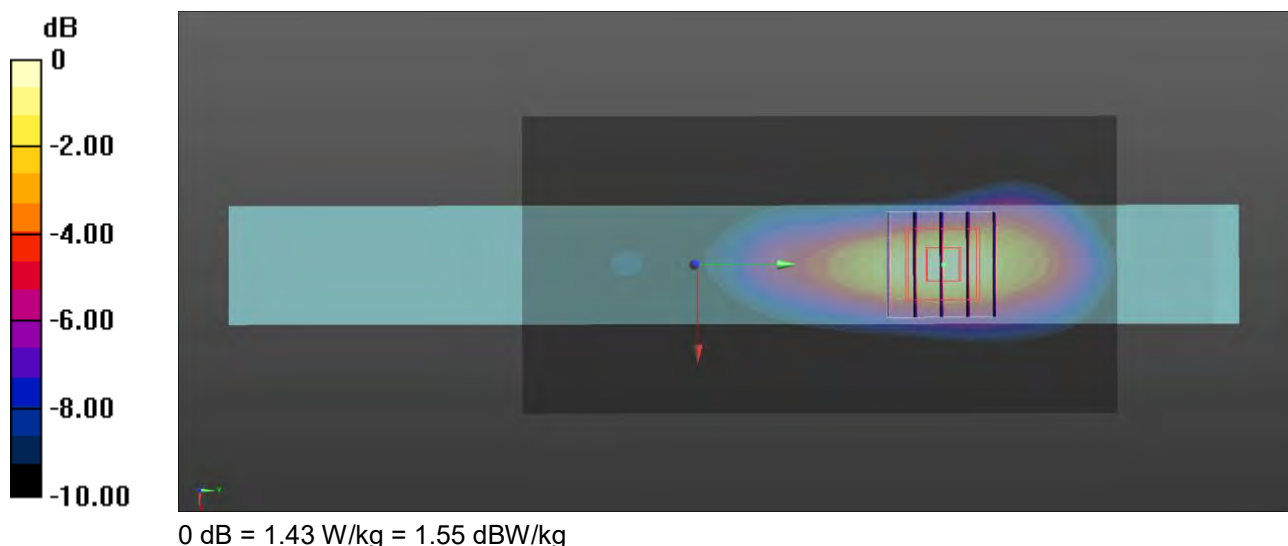
Communication System: UID 0, WCDMA Band V (0); Frequency: 826.4 MHz; Duty Cycle: 1:1
Medium parameters used (interpolated): $f = 826.4$ MHz; $\sigma = 0.9$ S/m; $\epsilon_r = 41.461$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.27, 9.27, 9.27) @ 826.4 MHz; Calibrated: 2022/3/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2022/3/23
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm
Maximum value of SAR (interpolated) = 1.39 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8$ mm, $dy=8$ mm, $dz=5$ mm
Reference Value = 39.52 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.73 W/kg
SAR(1 g) = 0.885 W/kg; SAR(10 g) = 0.526 W/kg
Smallest distance from peaks to all points 3 dB below = 11.2 mm
Ratio of SAR at M2 to SAR at M1 = 54.8%
Maximum value of SAR (measured) = 1.43 W/kg



Date: 2022/11/9

30_LTE Band 2_QPSK_Ch19100_20M_1RB_0offset_Side 1_0 mm

DUT: UX10G3

Communication System: UID 0, Generic LTE (0); Frequency: 1900 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.394$ S/m; $\epsilon_r = 40.516$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(8.29, 8.29, 8.29) @ 1900 MHz; Calibrated: 2022/3/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2022/3/23
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

Maximum value of SAR (interpolated) = 1.56 W/kg

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

Reference Value = 27.62 V/m; Power Drift = 0.19 dB

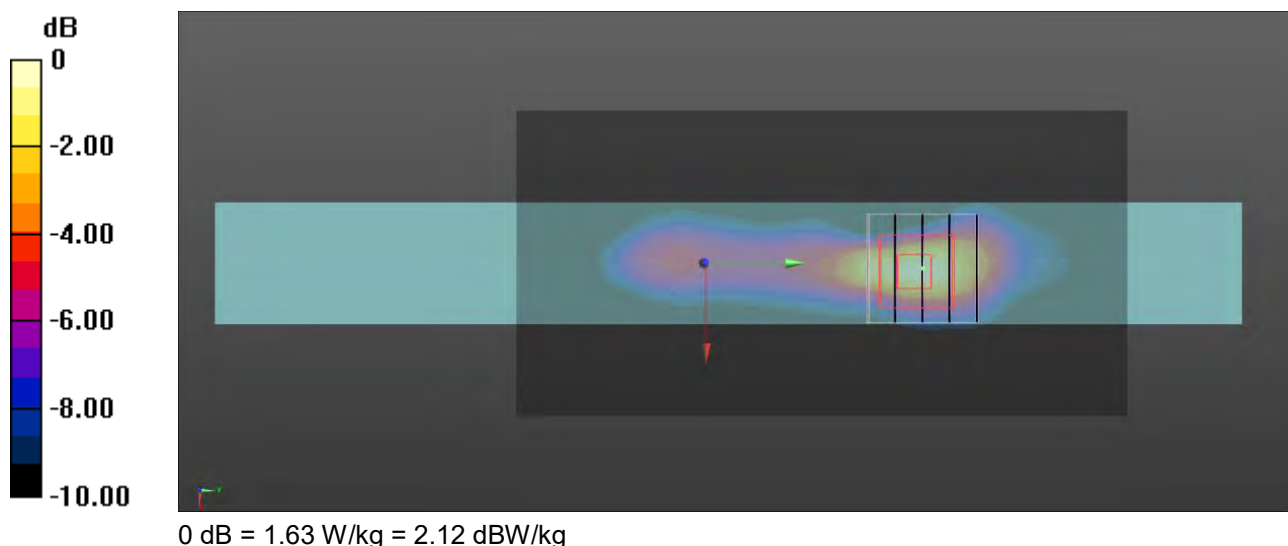
Peak SAR (extrapolated) = 2.05 W/kg

SAR(1 g) = 0.924 W/kg; SAR(10 g) = 0.454 W/kg

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 48.2%

Maximum value of SAR (measured) = 1.63 W/kg



Date: 2022/11/7

50_LTE Band 5_QPSK_Ch20525_10M_1RB_0offset_Side 1_0 mm

DUT: UX10G3

Communication System: UID 0, Generic LTE (0); Frequency: 836.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 836.5$ MHz; $\sigma = 0.909$ S/m; $\epsilon_r = 41.324$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.27, 9.27, 9.27) @ 836.5 MHz; Calibrated: 2022/3/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2022/3/23
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

Maximum value of SAR (interpolated) = 1.41 W/kg

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

Reference Value = 38.65 V/m; Power Drift = -0.03 dB

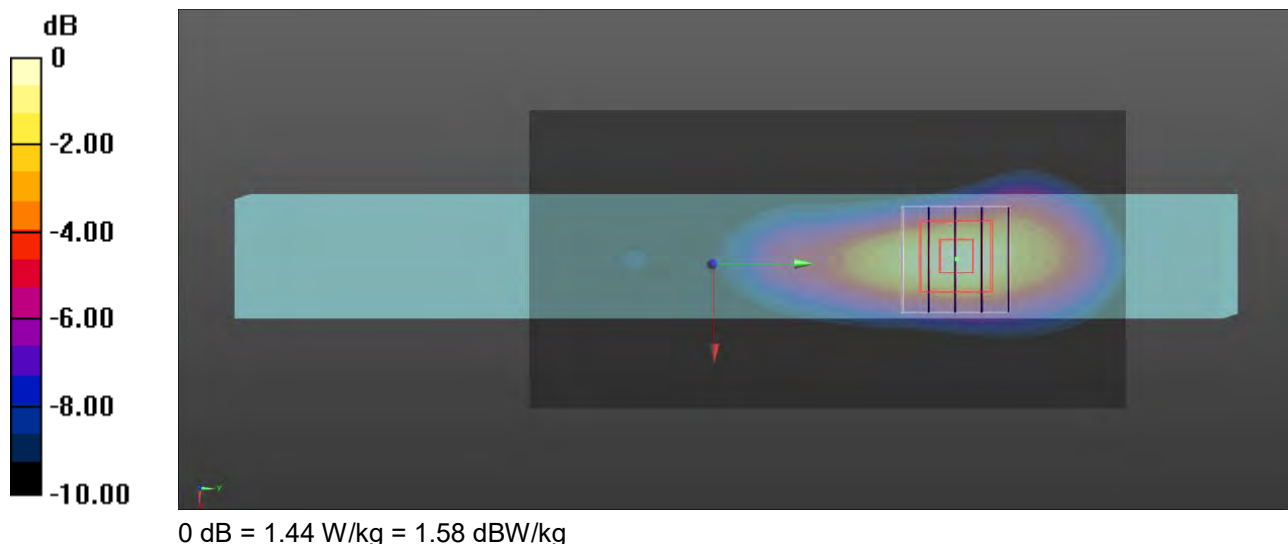
Peak SAR (extrapolated) = 1.75 W/kg

SAR(1 g) = 0.896 W/kg; SAR(10 g) = 0.530 W/kg

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 54.9%

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



Date: 2022/11/10

71_LTE Band 7_QPSK_Ch21100_20M_1RB_0offset_Side 1_0 mm

DUT: UX10G3

Communication System: UID 0, Generic LTE (0); Frequency: 2535 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 2535$ MHz; $\sigma = 1.905$ S/m; $\epsilon_r = 39.115$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.29, 7.29, 7.29) @ 2535 MHz; Calibrated: 2022/3/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2022/3/23
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x151x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

Maximum value of SAR (interpolated) = 1.75 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 28.65 V/m; Power Drift = -0.16 dB

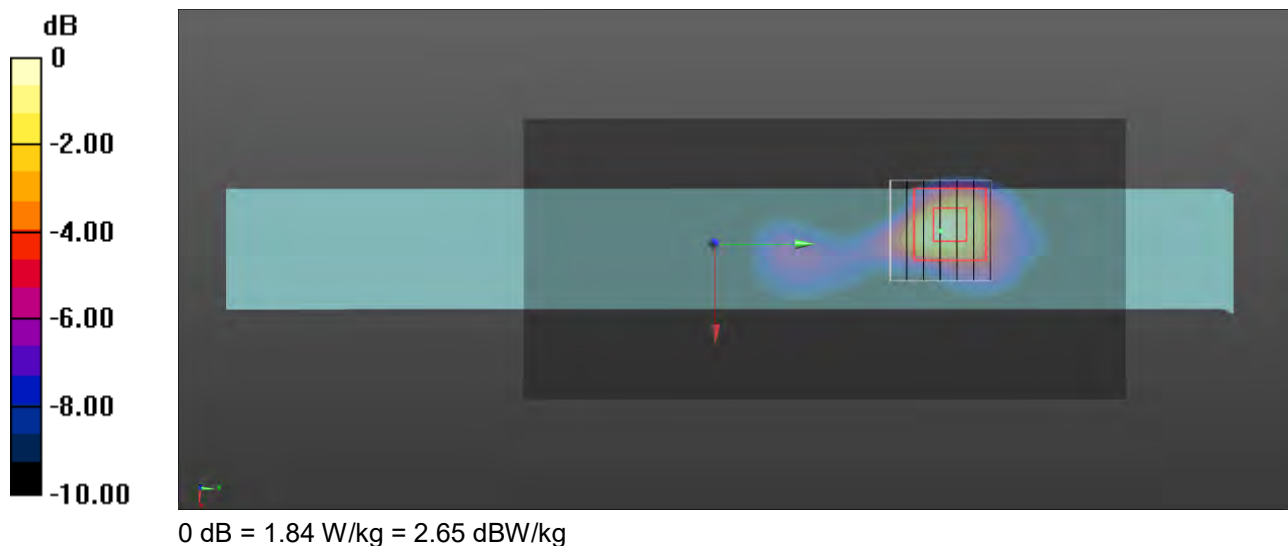
Peak SAR (extrapolated) = 2.55 W/kg

SAR(1 g) = 0.917 W/kg; SAR(10 g) = 0.395 W/kg

Smallest distance from peaks to all points 3 dB below = 6.7 mm

Ratio of SAR at M2 to SAR at M1 = 38.1%

Maximum value of SAR (measured) = 1.84 W/kg



Date: 2022/11/6

86_LTE Band 12_QPSK_Ch23095_10M_1RB_0offset_Side 1_0 mm

DUT: UX10G3

Communication System: UID 0, Generic LTE (0); Frequency: 707.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 707.5$ MHz; $\sigma = 0.863$ S/m; $\epsilon_r = 43.073$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.55, 9.55, 9.55) @ 707.5 MHz; Calibrated: 2022/3/24
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2022/3/23
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

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

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

Reference Value = 38.90 V/m; Power Drift = -0.07 dB

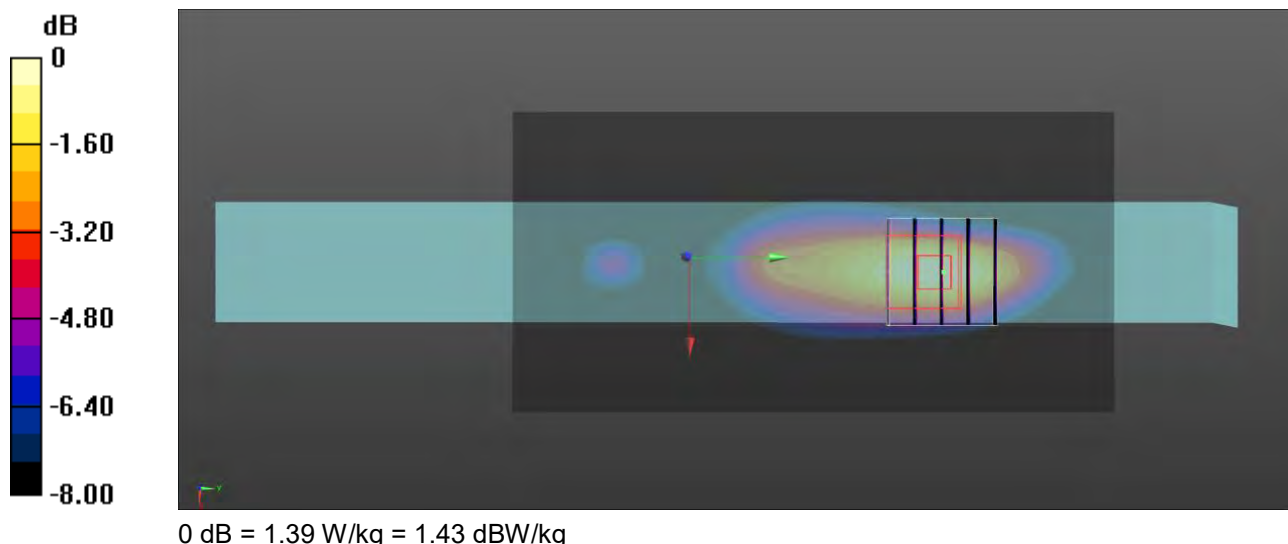
Peak SAR (extrapolated) = 1.68 W/kg

SAR(1 g) = 0.879 W/kg; SAR(10 g) = 0.548 W/kg

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 56%

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



Date: 2022/11/6

102_LTE Band 13_QPSK_Ch23230_10M_1RB_0offset_Side 1_0 mm

DUT: UX10G3

Communication System: UID 0, Generic LTE (0); Frequency: 782 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.915 \text{ S/m}$; $\epsilon_r = 42.029$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

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

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.55, 9.55, 9.55) @ 782 MHz; Calibrated: 2022/3/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2022/3/23
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$

Maximum value of SAR (interpolated) = 1.38 W/kg

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

Reference Value = 40.64 V/m; Power Drift = 0.00 dB

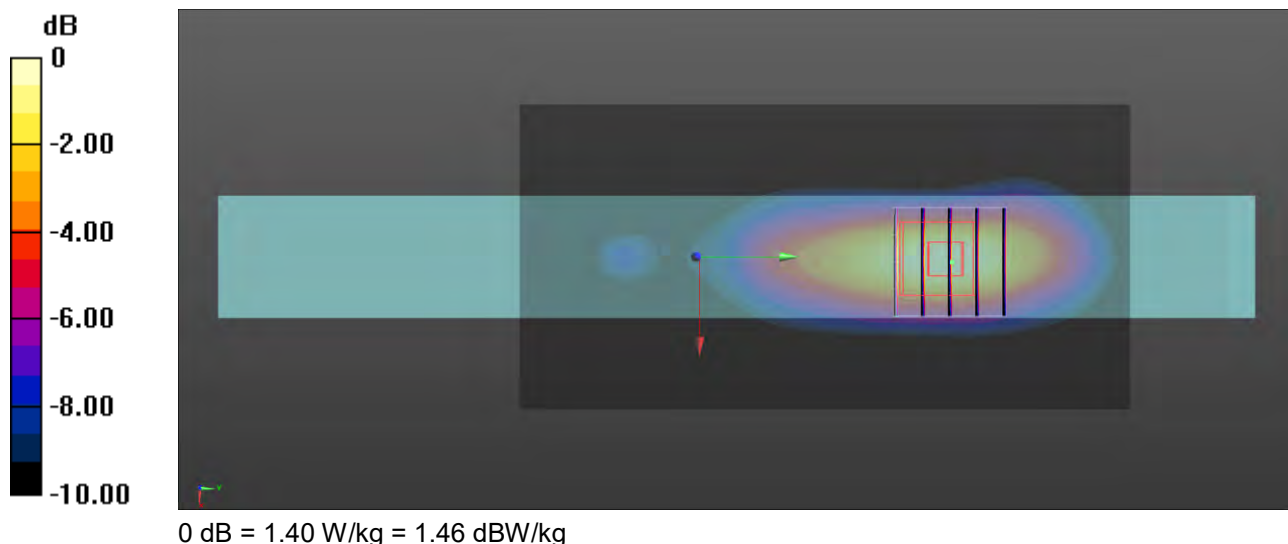
Peak SAR (extrapolated) = 1.69 W/kg

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

Smallest distance from peaks to all points 3 dB below = 9.6 mm

Ratio of SAR at M2 to SAR at M1 = 55.7%

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



Date: 2022/11/6

116_LTE Band 14_QPSK_Ch23330_10M_1RB_0offset_Side 1_0 mm

DUT: UX10G3

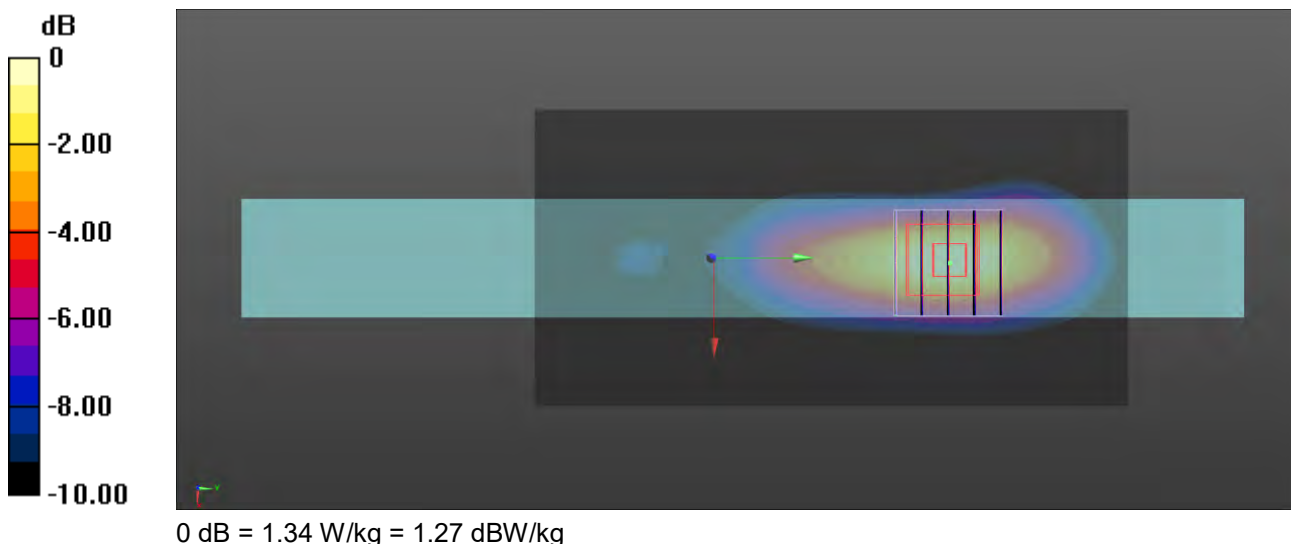
Communication System: UID 0, Generic LTE (0); Frequency: 793 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 793 \text{ MHz}$; $\sigma = 0.925 \text{ S/m}$; $\epsilon_r = 41.886$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.55, 9.55, 9.55) @ 793 MHz; Calibrated: 2022/3/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2022/3/23
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x121x1): Interpolated grid: $dx=1.500 \text{ mm}$, $dy=1.500 \text{ mm}$
Maximum value of SAR (interpolated) = 1.32 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$
Reference Value = 39.43 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 1.63 W/kg
SAR(1 g) = 0.895 W/kg; SAR(10 g) = 0.509 W/kg
Smallest distance from peaks to all points 3 dB below = 9.6 mm
Ratio of SAR at M2 to SAR at M1 = 55.7%
Maximum value of SAR (measured) = 1.34 W/kg



Date: 2022/11/7

131_LTE Band 26_QPSK_Ch26765_15M_1RB_0offset_Side 1_0 mm

DUT: UX10G3

Communication System: UID 0, Generic LTE (0); Frequency: 821.5 MHz; Duty Cycle: 1:1

Medium parameters used (interpolated): $f = 821.5$ MHz; $\sigma = 0.895$ S/m; $\epsilon_r = 41.525$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(9.27, 9.27, 9.27) @ 821.5 MHz; Calibrated: 2022/3/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2022/3/23
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x121x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

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

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

Reference Value = 39.31 V/m; Power Drift = -0.08 dB

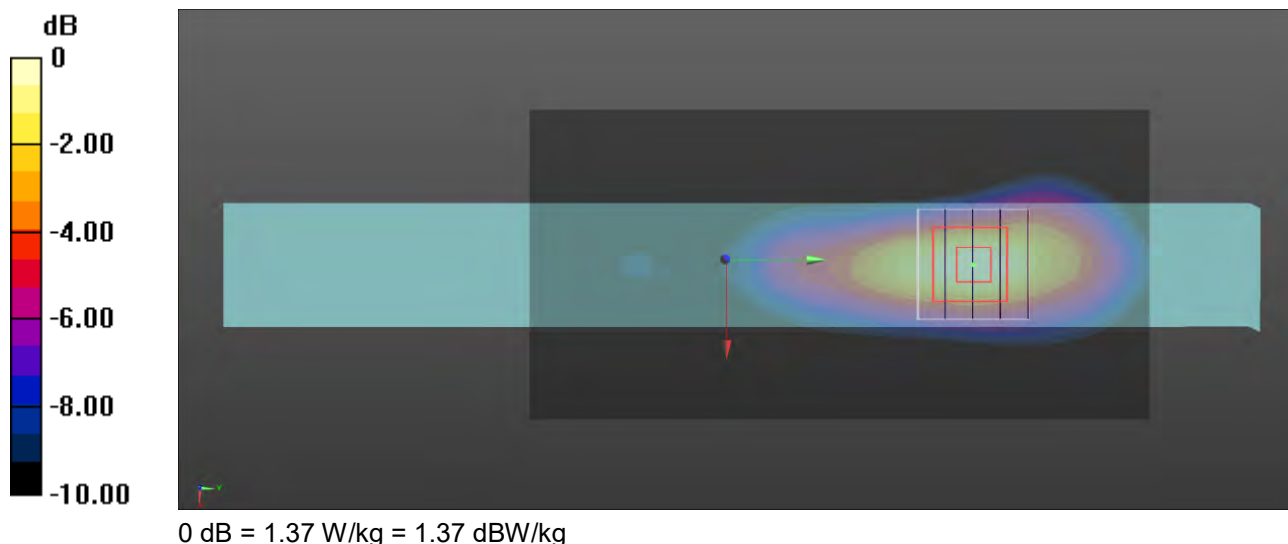
Peak SAR (extrapolated) = 1.65 W/kg

SAR(1 g) = 0.899 W/kg; SAR(10 g) = 0.506 W/kg

Smallest distance from peaks to all points 3 dB below = 11.2 mm

Ratio of SAR at M2 to SAR at M1 = 55.3%

Maximum value of SAR (measured) = 1.37 W/kg



Date: 2022/11/11

152_LTE Band 41_QPSK_Ch41055_20M_1RB_0offset_Side 1_0 mm

DUT: UX10G3

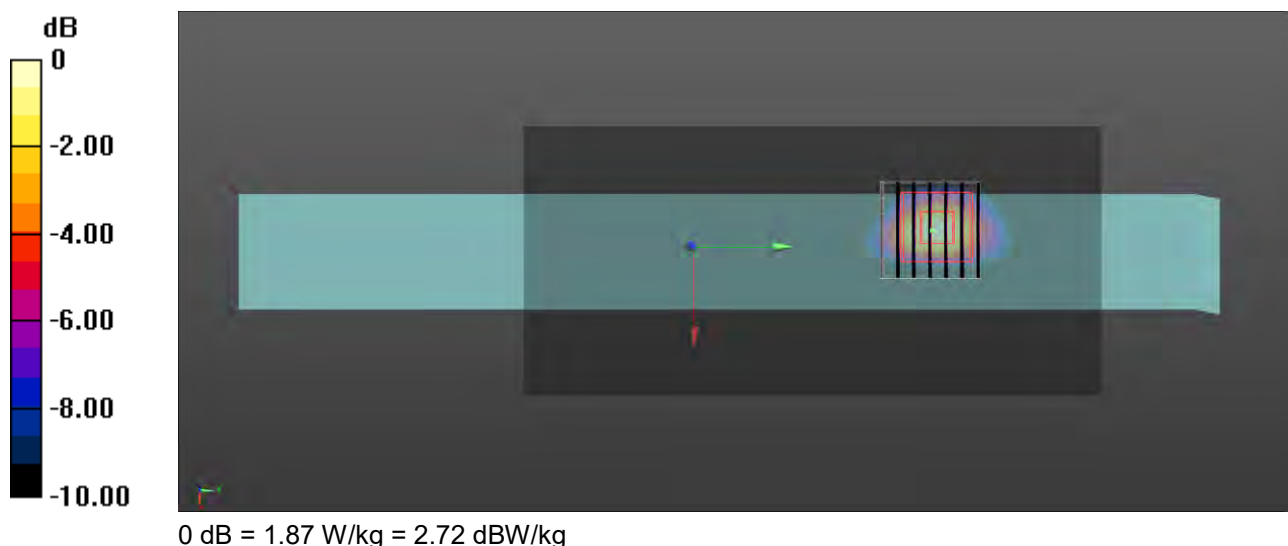
Communication System: UID 0, Generic LTE (0); Frequency: 2636.5 MHz; Duty Cycle: 1:1.59
Medium parameters used (interpolated): $f = 2636.5$ MHz; $\sigma = 2.023$ S/m; $\epsilon_r = 38.744$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(7.29, 7.29, 7.29) @ 2636.5 MHz; Calibrated: 2022/3/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2022/3/23
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1175
- Measurement SW: DASYS2, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x151x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
Maximum value of SAR (interpolated) = 1.89 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 22.97 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 2.51 W/kg
SAR(1 g) = 0.934 W/kg; SAR(10 g) = 0.379 W/kg
Smallest distance from peaks to all points 3 dB below = 6.1 mm
Ratio of SAR at M2 to SAR at M1 = 41%
Maximum value of SAR (measured) = 1.87 W/kg



Date: 2022/11/8

223_LTE Band 66_QPSK_Ch132322_20M_1RB_0offset_Side 1_0 mm

DUT: UX10G3

Communication System: UID 0, Generic LTE (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1745$ MHz; $\sigma = 1.334$ S/m; $\epsilon_r = 39.461$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(8.53, 8.53, 8.53) @ 1745 MHz; Calibrated: 2022/3/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2022/3/23
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x131x1): Interpolated grid: $dx=1.500$ mm, $dy=1.500$ mm

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

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

Reference Value = 29.74 V/m; Power Drift = 0.00 dB

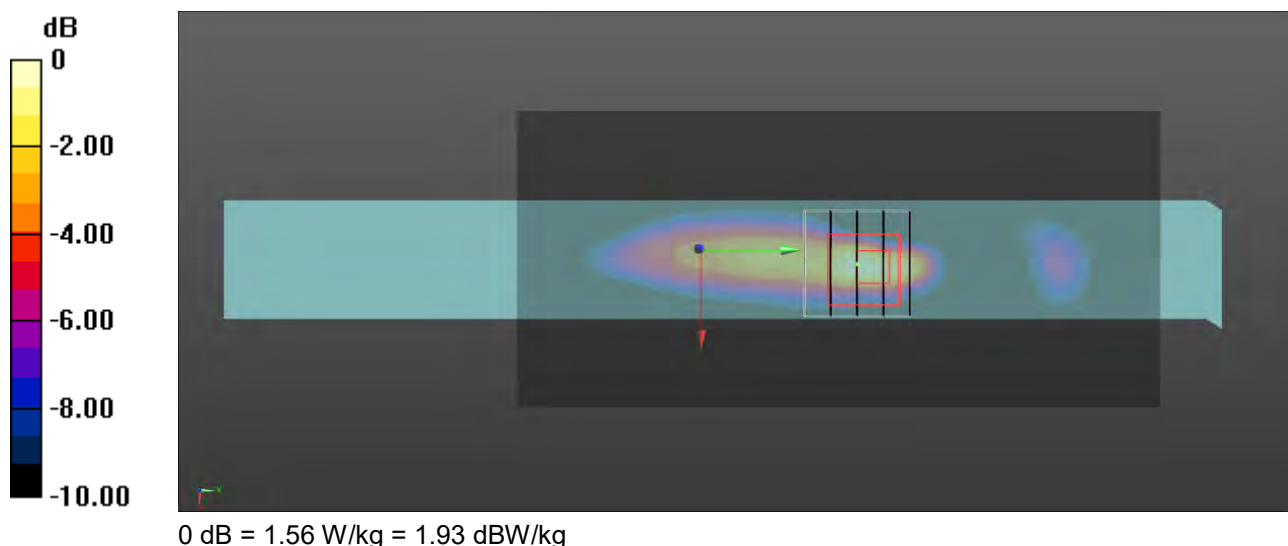
Peak SAR (extrapolated) = 1.94 W/kg

SAR(1 g) = 0.934 W/kg; SAR(10 g) = 0.491 W/kg

Smallest distance from peaks to all points 3 dB below = 8.2 mm

Ratio of SAR at M2 to SAR at M1 = 52.6%

Maximum value of SAR (measured) = 1.56 W/kg



Date: 2022/11/8

238_LTE Band 4_QPSK_Ch20300_20M_1RB_0offset_Side 1_0 mm

DUT: UX10G3

Communication System: UID 0, Generic LTE (0); Frequency: 1745 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 1745$ MHz; $\sigma = 1.334$ S/m; $\epsilon_r = 39.461$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3847; ConvF(8.53, 8.53, 8.53) @ 1745 MHz; Calibrated: 2022/3/24
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn541; Calibrated: 2022/3/23
- Phantom: ELI; Type: QD OVA 002 AA; Serial: 1175
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (61x121x1): Interpolated grid: dx=1.500 mm, dy=1.500 mm

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

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

Reference Value = 30.19 V/m; Power Drift = -0.02 dB

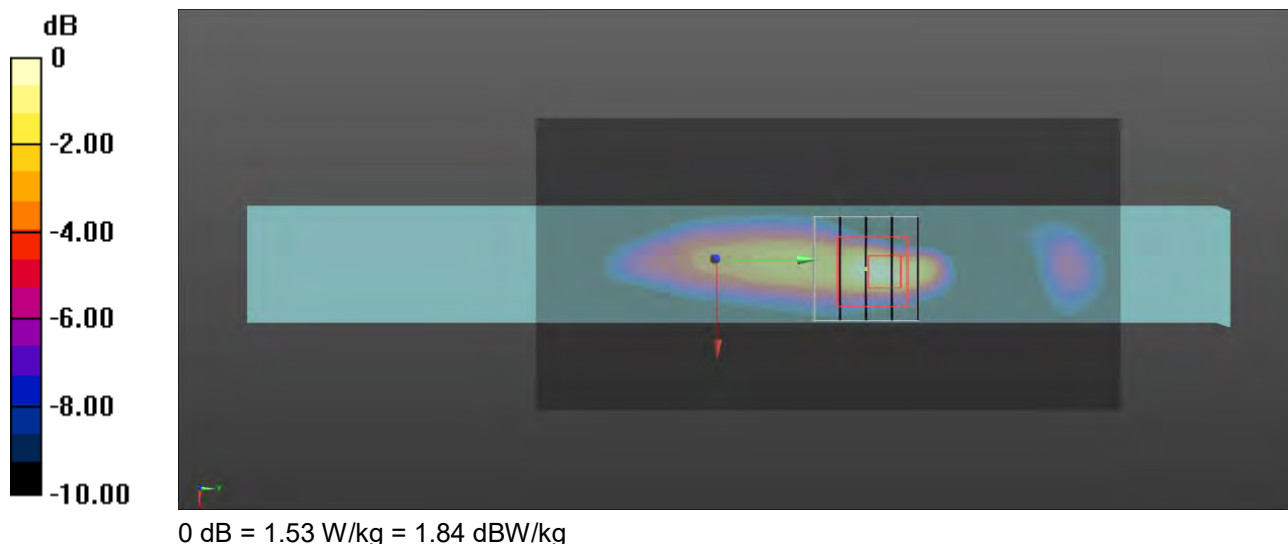
Peak SAR (extrapolated) = 1.88 W/kg

SAR(1 g) = 0.911 W/kg; SAR(10 g) = 0.489 W/kg

Smallest distance from peaks to all points 3 dB below = 8.4 mm

Ratio of SAR at M2 to SAR at M1 = 53.4%

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



Date: 2022/11/12

1002_WLAN 2.4 GHz_802.11b_Ch 6_Side 1_0 mm_ANT Main

DUT: UX10G3

Communication System: UID 0, IEEE 802.11b (0); Frequency: 2437 MHz; Duty Cycle: 1:1.006
Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.785$ S/m; $\epsilon_r = 39.247$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3977; ConvF(7.44, 7.44, 7.44) @ 2437 MHz; Calibrated: 2022/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2022/7/19
- Phantom: ELI; Type: QD OVA 001 BB; Serial: 1036
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x121x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm
Maximum value of SAR (interpolated) = 1.54 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm
Reference Value = 27.20 V/m; Power Drift = 0.16 dB

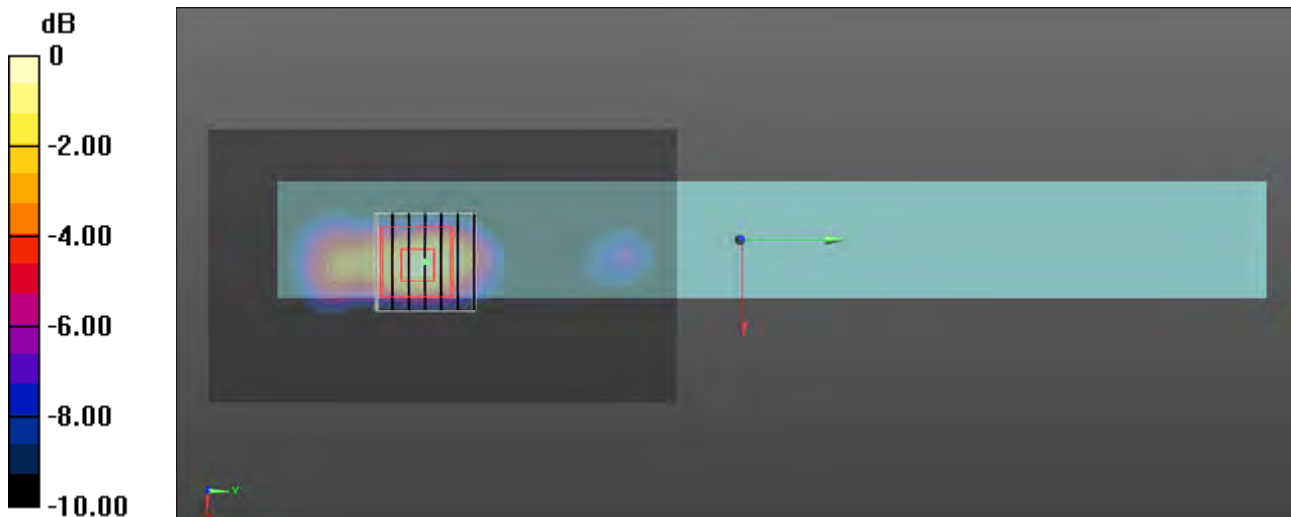
Peak SAR (extrapolated) = 2.27 W/kg

SAR(1 g) = 0.934 W/kg; SAR(10 g) = 0.419 W/kg

Smallest distance from peaks to all points 3 dB below = 5.3 mm

Ratio of SAR at M2 to SAR at M1 = 44.3%

Maximum value of SAR (measured) = 1.67 W/kg



0 dB = 1.67 W/kg = 2.23 dBW/kg

Date: 2022/11/12

1014_WLAN 2.4 GHz_802.11b_Ch 6_Side 3_0 mm_ANT Aux

DUT: UX10G3

Communication System: UID 0, IEEE 802.11b (0); Frequency: 2437 MHz; Duty Cycle: 1:1.006

Medium parameters used (interpolated): $f = 2437$ MHz; $\sigma = 1.785$ S/m; $\epsilon_r = 39.247$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3977; ConvF(7.44, 7.44, 7.44) @ 2437 MHz; Calibrated: 2022/7/26
- Sensor-Surface: 1.4 mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2022/7/19
- Phantom: ELI; Type: QD OVA 001 BB; Serial: 1036
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x121x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

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

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 20.69 V/m; Power Drift = 0.09 dB

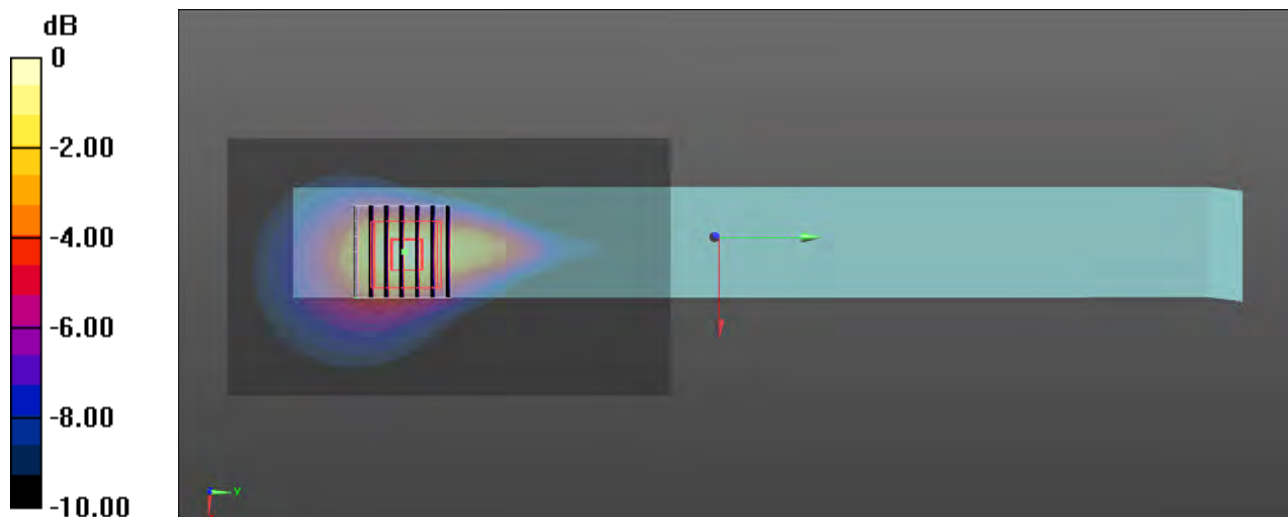
Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.656 W/kg; SAR(10 g) = 0.323 W/kg

Smallest distance from peaks to all points 3 dB below = 8.9 mm

Ratio of SAR at M2 to SAR at M1 = 45%

Maximum value of SAR (measured) = 1.14 W/kg



0 dB = 1.14 W/kg = 0.57 dBW/kg

Date: 2022/11/12

1024_Bluetooth_GFSK_Ch 78_Side 3_0 mm_ANT Aux

DUT: UX10G3

Communication System: UID 0, Bluetooth 3.0 (0); Frequency: 2480 MHz; Duty Cycle: 1:1.289

Medium parameters used: $f = 2480$ MHz; $\sigma = 1.834$ S/m; $\epsilon_r = 39.12$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within: 2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3977; ConvF(7.44, 7.44, 7.44) @ 2480 MHz; Calibrated: 2022/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2022/7/19
- Phantom: ELI; Type: QD OVA 001 BB; Serial: 1036
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (71x121x1): Interpolated grid: $dx=1.200$ mm, $dy=1.200$ mm

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

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 4.398 V/m; Power Drift = 0.14 dB

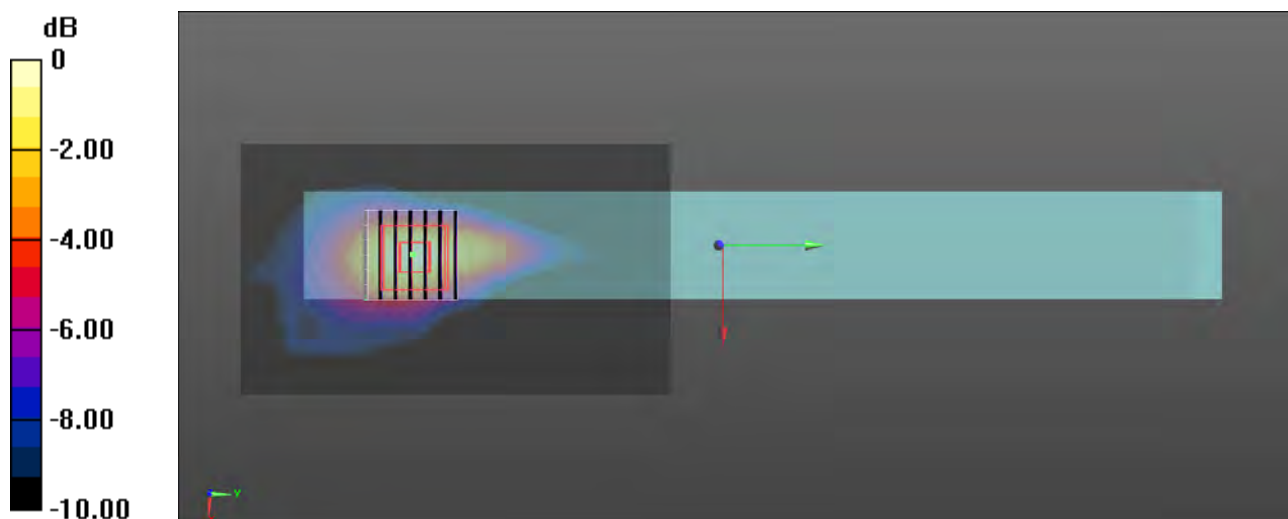
Peak SAR (extrapolated) = 0.0800 W/kg

SAR(1 g) = 0.035 W/kg; SAR(10 g) = 0.017 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid (> 15 mm)

Ratio of SAR at M2 to SAR at M1 = 42.3%

Maximum value of SAR (measured) = 0.0632 W/kg



0 dB = 0.0632 W/kg = -11.99 dBW/kg

Date: 2022/11/13

1030_WLAN 5 GHz_802.11n HT40_Ch 54_Side 1_0 mm_ANT Main

DUT: UX10G3

Communication System: UID 0, IEEE 802.11n(5GHz)HT40 (0); Frequency: 5270 MHz;Duty Cycle: 1:1.007

Medium parameters used: $f = 5270$ MHz; $\sigma = 4.661$ S/m; $\epsilon_r = 36.004$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3977; ConvF(5.01, 5.01, 5.01) @ 5270 MHz; Calibrated: 2022/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2022/7/19
- Phantom: ELI; Type: QD OVA 001 BB; Serial: 1036
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x141x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.03 W/kg

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

Reference Value = 20.88 V/m; Power Drift = 0.18 dB

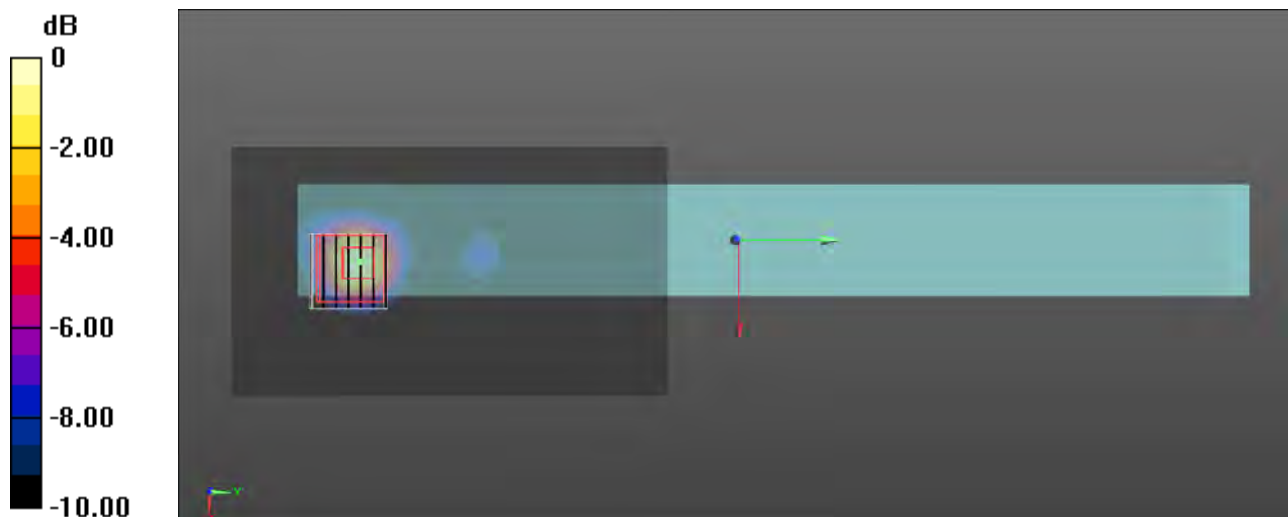
Peak SAR (extrapolated) = 3.58 W/kg

SAR(1 g) = 0.813 W/kg; SAR(10 g) = 0.240 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 61.6%

Maximum value of SAR (measured) = 2.02 W/kg



0 dB = 2.02 W/kg = 3.05 dBW/kg

Date: 2022/11/13

1039_WLAN 5 GHz_802.11n HT40_Ch 54_Side 3_0 mm_ANT Aux

DUT: UX10G3

Communication System: UID 0, IEEE 802.11n(5GHz)HT40 (0); Frequency: 5270 MHz;Duty Cycle: 1:1.007

Medium parameters used: $f = 5270$ MHz; $\sigma = 4.661$ S/m; $\epsilon_r = 36.004$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

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

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3977; ConvF(5.01, 5.01, 5.01) @ 5270 MHz; Calibrated: 2022/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2022/7/19
- Phantom: ELI; Type: QD OVA 001 BB; Serial: 1036
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x141x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 2.31 W/kg

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

Reference Value = 15.82 V/m; Power Drift = 0.09 dB

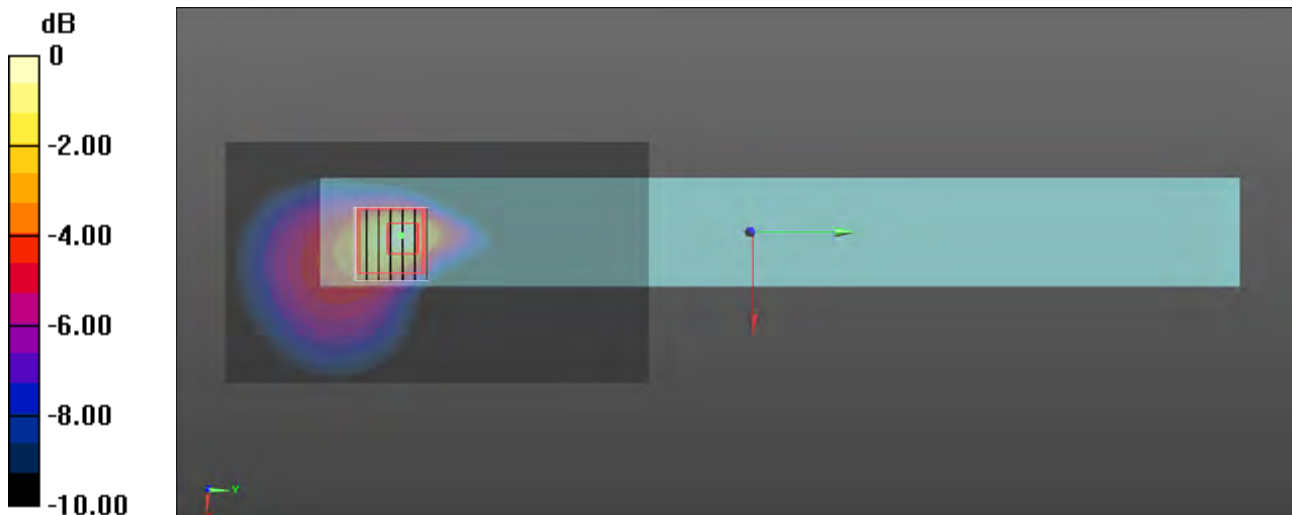
Peak SAR (extrapolated) = 3.64 W/kg

SAR(1 g) = 0.919 W/kg; SAR(10 g) = 0.310 W/kg

Smallest distance from peaks to all points 3 dB below = 6.8 mm

Ratio of SAR at M2 to SAR at M1 = 64.9%

Maximum value of SAR (measured) = 2.18 W/kg



0 dB = 2.18 W/kg = 3.38 dBW/kg

Date: 2022/11/14

1046_WLAN 5 GHz_802.11ac VHT80_Ch 138_Side 1_0 mm_ANT Main

DUT: UX10G3

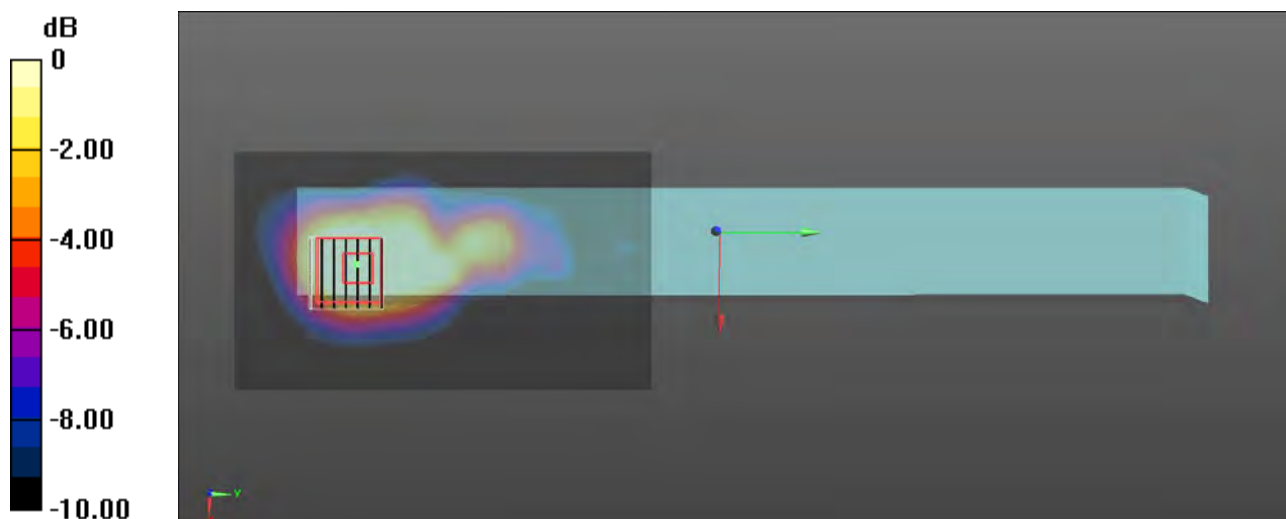
Communication System: UID 0, IEEE 802.11ac(5GHz)VHT80 (0); Frequency: 5690 MHz;Duty Cycle: 1:1.007
Medium parameters used: $f = 5690$ MHz; $\sigma = 5.175$ S/m; $\epsilon_r = 35.086$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3977; ConvF(4.65, 4.65, 4.65) @ 5690 MHz; Calibrated: 2022/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2022/7/19
- Phantom: ELI; Type: QD OVA 001 BB; Serial: 1036
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x141x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 7.39 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 22.32 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 4.48 W/kg
SAR(1 g) = 0.885 W/kg; SAR(10 g) = 0.263 W/kg
Smallest distance from peaks to all points 3 dB below = 6.8 mm
Ratio of SAR at M2 to SAR at M1 = 57.4%
Maximum value of SAR (measured) = 2.26 W/kg



0 dB = 2.26 W/kg = 3.54 dBW/kg

Date: 2022/11/14

1053_WLAN 5 GHz_802.11ac VHT80_Ch 122_Side 2_0 mm_ANT Aux

DUT: UX10G3

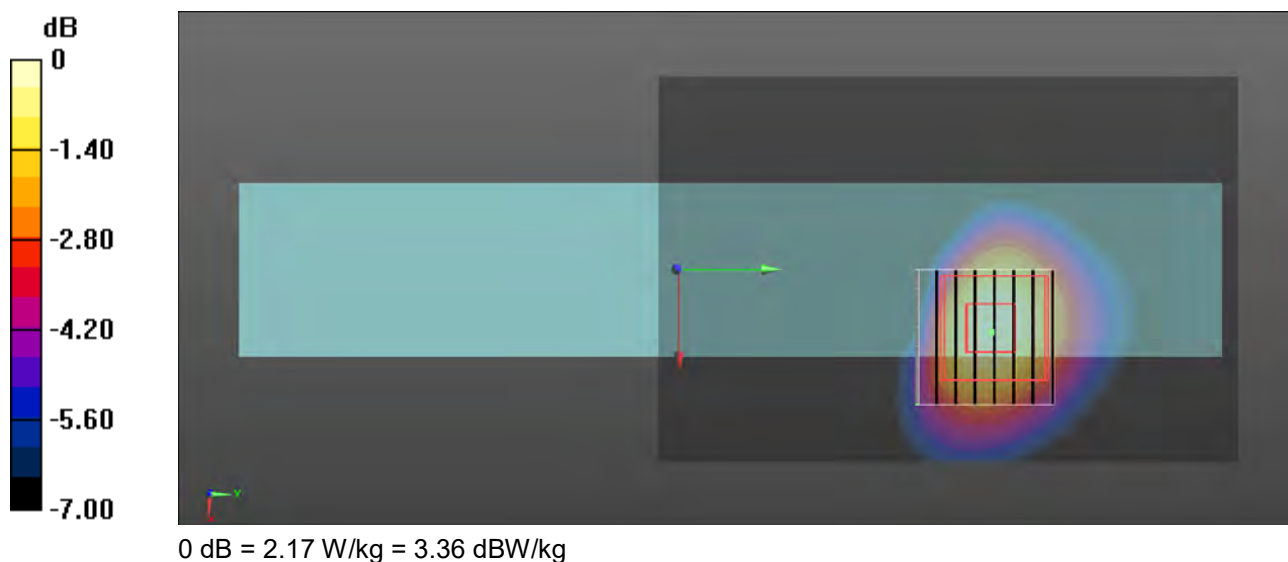
Communication System: UID 0, IEEE 802.11ac(5GHz)VHT80 (0); Frequency: 5610 MHz;Duty Cycle: 1:1.007
Medium parameters used: $f = 5610$ MHz; $\sigma = 4.963$ S/m; $\epsilon_r = 35.437$; $\rho = 1000$ kg/m³
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3977; ConvF(4.61, 4.61, 4.61) @ 5610 MHz; Calibrated: 2022/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2022/7/19
- Phantom: ELI; Type: QD OVA 001 BB; Serial: 1036
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x121x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm
Maximum value of SAR (interpolated) = 2.20 W/kg

Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm
Reference Value = 22.64 V/m; Power Drift = -0.00 dB
Peak SAR (extrapolated) = 3.75 W/kg
SAR(1 g) = 0.964 W/kg; SAR(10 g) = 0.384 W/kg
Smallest distance from peaks to all points 3 dB below = 11.9 mm
Ratio of SAR at M2 to SAR at M1 = 61.3%
Maximum value of SAR (measured) = 2.17 W/kg



Date: 2022/11/15

1074_WLAN 5 GHz_802.11n HT40_Ch 159_Side 1_0 mm_ANT Main

DUT: UX10G3

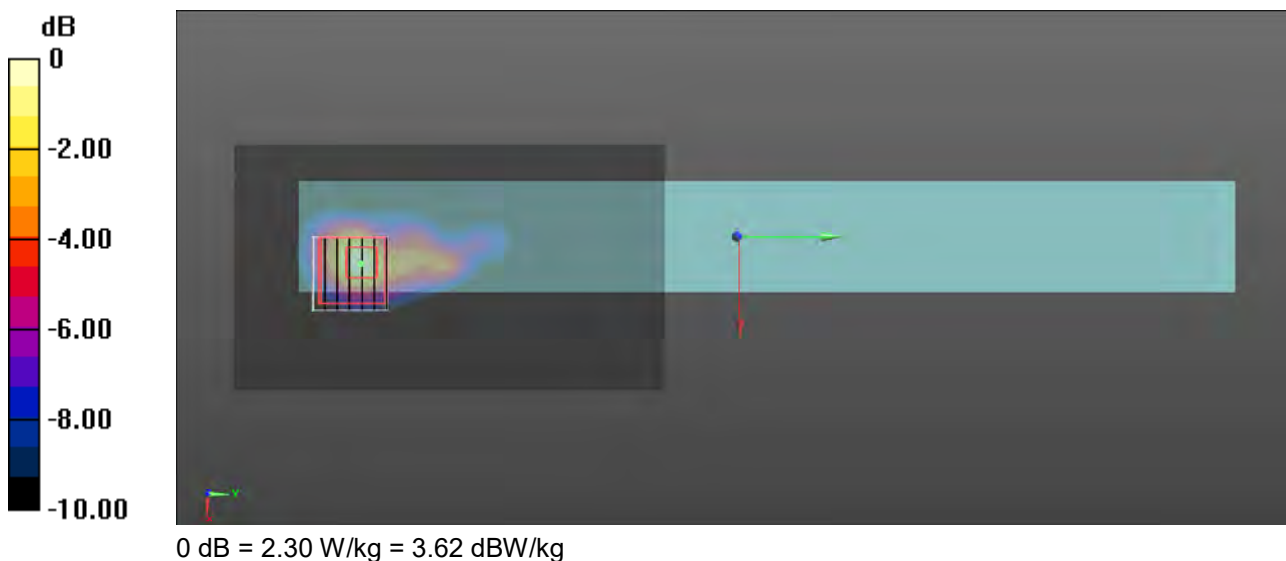
Communication System: UID 0, IEEE 802.11n(5GHz)HT40 (0); Frequency: 5795 MHz;Duty Cycle: 1:1.007
Medium parameters used: $f = 5795 \text{ MHz}$; $\sigma = 5.189 \text{ S/m}$; $\epsilon_r = 35.087$; $\rho = 1000 \text{ kg/m}^3$
Phantom section: Flat Section
Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3977; ConvF(4.65, 4.65, 4.65) @ 5795 MHz; Calibrated: 2022/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2022/7/19
- Phantom: ELI; Type: QD OVA 001 BB; Serial: 1036
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x141x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$
Maximum value of SAR (interpolated) = 2.26 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$
Reference Value = 22.28 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 4.34 W/kg
SAR(1 g) = 0.867 W/kg; SAR(10 g) = 0.250 W/kg
Smallest distance from peaks to all points 3 dB below = 6.8 mm
Ratio of SAR at M2 to SAR at M1 = 57.8%
Maximum value of SAR (measured) = 2.30 W/kg



Date: 2022/11/15

1082_WLAN 5 GHz_802.11n HT40_Ch 159_Side 2_0 mm_ANT Aux

DUT: UX10G3

Communication System: UID 0, IEEE 802.11n(5GHz)HT40 (0); Frequency: 5795 MHz;Duty Cycle: 1:1.007

Medium parameters used: $f = 5795 \text{ MHz}$; $\sigma = 5.189 \text{ S/m}$; $\epsilon_r = 35.087$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

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

DASY5.2 Configuration:

- Area Scan setting - Find Secondary Maximum Within:2.0dB and with a peak SAR value greater than 0.5 W/Kg
- Probe: EX3DV4 - SN3977; ConvF(4.65, 4.65, 4.65) @ 5795 MHz; Calibrated: 2022/7/26
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn779; Calibrated: 2022/7/19
- Phantom: ELI; Type: QD OVA 001 BB; Serial: 1036
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7501)

Area Scan (81x121x1): Interpolated grid: $dx=1.000 \text{ mm}$, $dy=1.000 \text{ mm}$

Maximum value of SAR (interpolated) = 2.22 W/kg

Zoom Scan (9x9x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$

Reference Value = 21.65 V/m; Power Drift = 0.03 dB

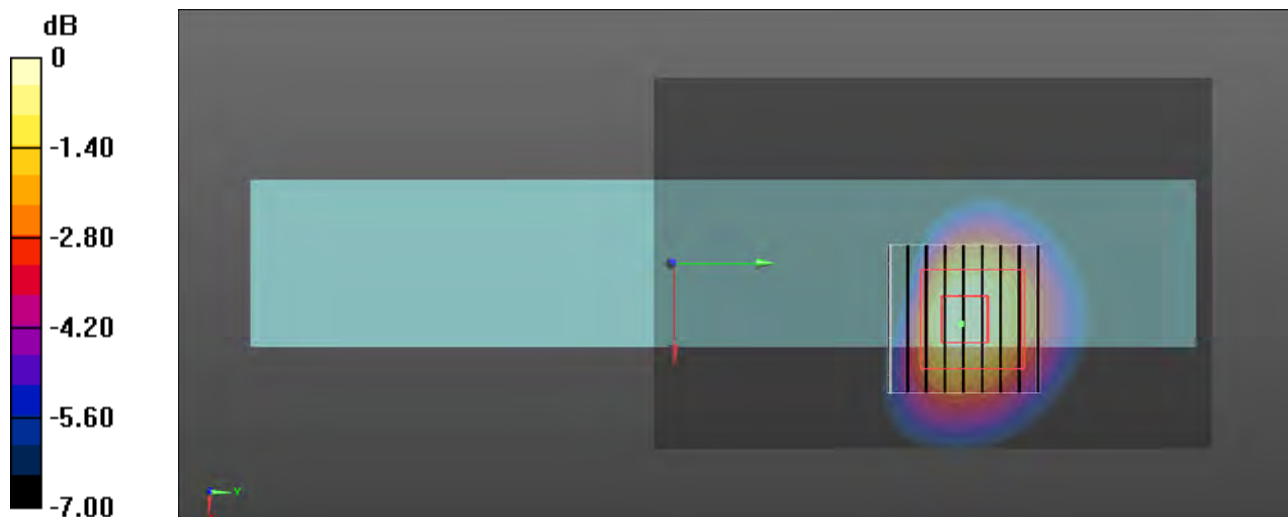
Peak SAR (extrapolated) = 3.93 W/kg

SAR(1 g) = 0.942 W/kg; SAR(10 g) = 0.373 W/kg

Smallest distance from peaks to all points 3 dB below = 11.3 mm

Ratio of SAR at M2 to SAR at M1 = 59.4%

Maximum value of SAR (measured) = 2.18 W/kg



0 dB = 2.18 W/kg = 3.38 dBW/kg

88_WLAN 6 GHz_802.11ax HE160_Ch111_Side 1_0 mm_ANT Main

Device under Test Properties

Model: UX10G3

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	Side 1, 0.00	U-NII-6	WLAN, 10755-AAC	6505.0, 111	5.5	6.13	33.6

Hardware Setup

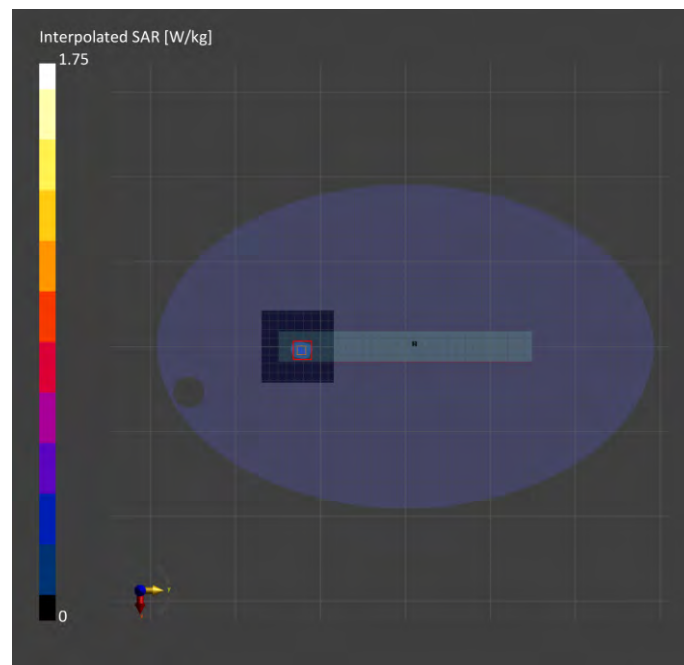
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-11-16	2022-11-16
psSAR1g [W/Kg]	0.252	0.335
psSAR10g [W/Kg]	0.083	0.096
psPDab (1.0cm2, sq) [W/m2]		3.35
psPDab (4.0cm2, sq) [W/m2]		2.22
Power Drift [dB]	0.14	0.16
TSL Correction	Positive only	Positive only
M2/M1 [%]		48.3
Dist 3dB Peak [mm]		6.4



92_WLAN 6 GHz_802.11ax HE160_Ch15_Side 1_0 mm_ANT Main

Device under Test Properties

Model: UX10G3

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	Side 1, 0.00	U-NII-5	WLAN, 10755-AAC	6025.0, 15	5.5	5.55	34.4

Hardware Setup

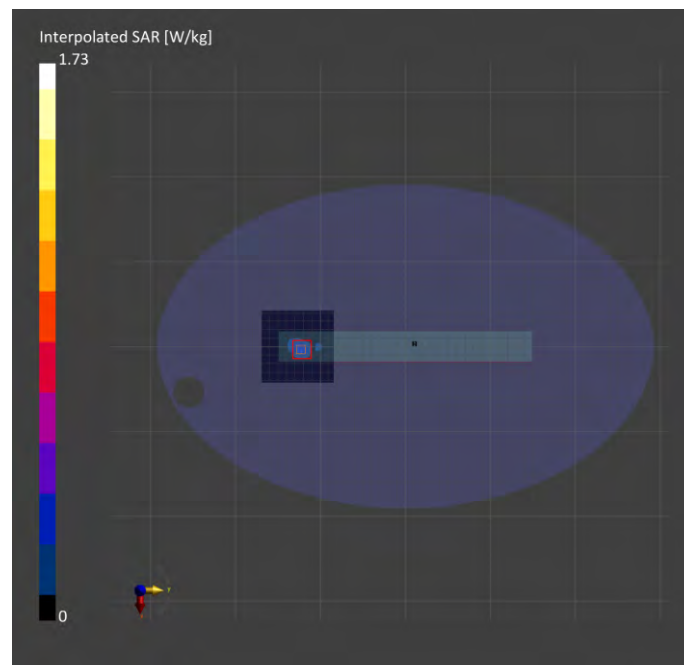
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-11-16	2022-11-16
psSAR1g [W/Kg]	0.290	0.363
psSAR10g [W/Kg]	0.097	0.104
psPDab (1.0cm2, sq) [W/m2]		3.63
psPDab (4.0cm2, sq) [W/m2]		2.42
Power Drift [dB]	0.15	-0.02
TSL Correction	Positive only	Positive only
M2/M1 [%]		51.7
Dist 3dB Peak [mm]		6.4



94_WLAN 6 GHz_802.11ax HE160_Ch79_Side 1_0 mm_ANT Main

Device under Test Properties

Model: UX10G3

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	Side 1, 0.00	U-NII-5	WLAN, 10755-AAC	6345.0, 79	5.5	5.97	33.8

Hardware Setup

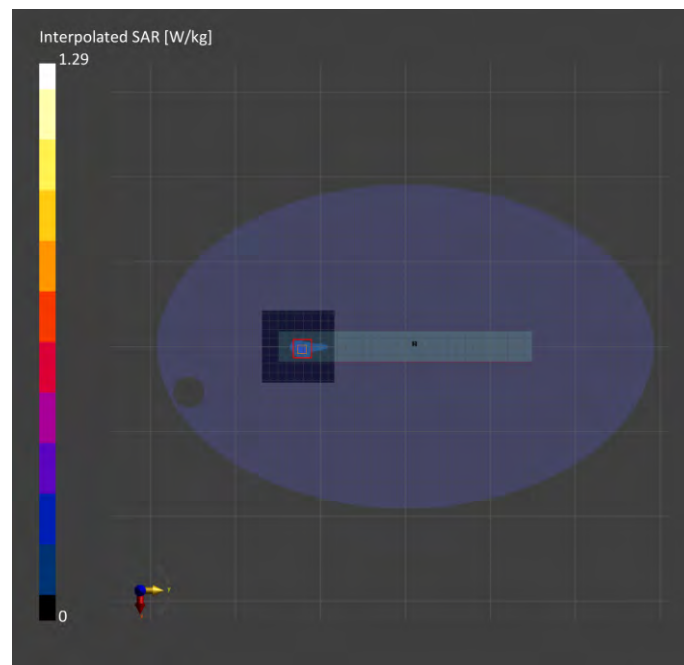
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-11-16	2022-11-16
psSAR1g [W/Kg]	0.203	0.256
psSAR10g [W/Kg]	0.067	0.074
psPDab (1.0cm2, sq) [W/m2]		2.56
psPDab (4.0cm2, sq) [W/m2]		1.72
Power Drift [dB]	0.02	-0.16
TSL Correction	Positive only	Positive only
M2/M1 [%]		50.4
Dist 3dB Peak [mm]		6.7



95_WLAN 6 GHz_802.11ax HE160_Ch143_Side 1_0 mm_ANT Main

Device under Test Properties

Model: UX10G3

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	Side 1, 0.00	U-NII-7	WLAN, 10755-AAC	6665.0, 143	5.5	6.31	33.1

Hardware Setup

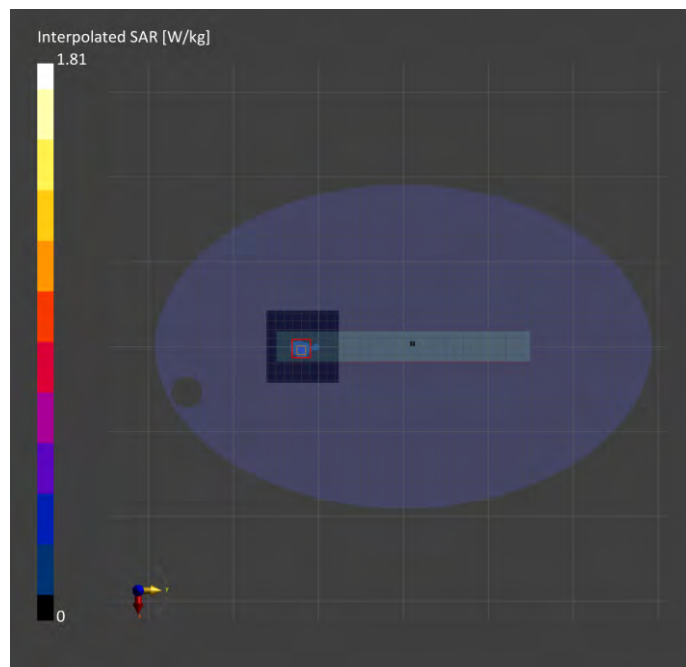
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-11-16	2022-11-16
psSAR1g [W/Kg]	0.273	0.330
psSAR10g [W/Kg]	0.086	0.093
psPDab (1.0cm2, sq) [W/m2]		3.30
psPDab (4.0cm2, sq) [W/m2]		2.16
Power Drift [dB]	0.02	-0.17
TSL Correction	Positive only	Positive only
M2/M1 [%]		47.7
Dist 3dB Peak [mm]		5.8



97_WLAN 6 GHz_802.11ax HE160_Ch207_Side 1_0 mm_ANT Main

Device under Test Properties

Model: UX10G3

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	Side 1, 0.00	U-NII-8	WLAN, 10755-AAC	6985.0, 207	5.5	6.66	32.5

Hardware Setup

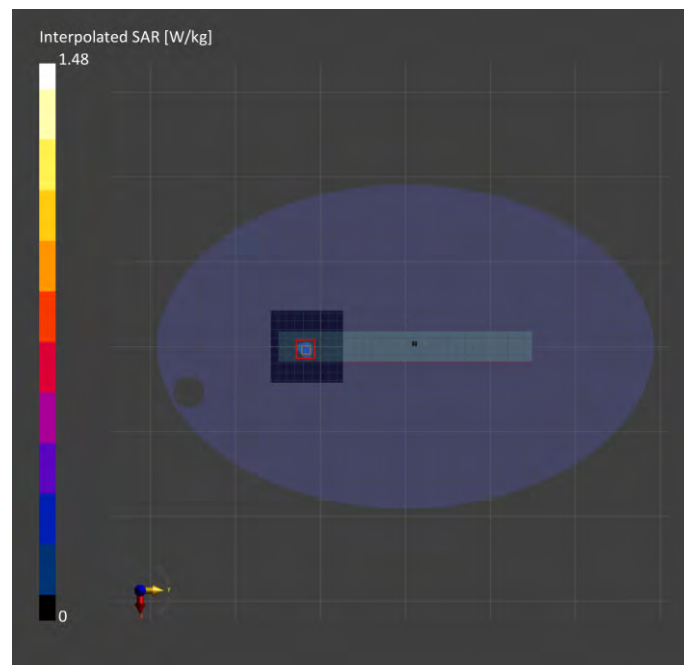
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-11-16	2022-11-16
psSAR1g [W/Kg]	0.215	0.253
psSAR10g [W/Kg]	0.063	0.066
psPDab (1.0cm2, sq) [W/m2]		2.53
psPDab (4.0cm2, sq) [W/m2]		1.56
Power Drift [dB]	-0.09	-0.11
TSL Correction	Positive only	Positive only
M2/M1 [%]		46.9
Dist 3dB Peak [mm]		6.3



101_WLAN 6 GHz_802.11ax HE160_Ch207_Side 2_0 mm_ANT Main

Device under Test Properties

Model: UX10G3

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	Side 2, 0.00	U-NII-8	WLAN, 10755-AAC	6985.0, 207	5.5	6.66	32.5

Hardware Setup

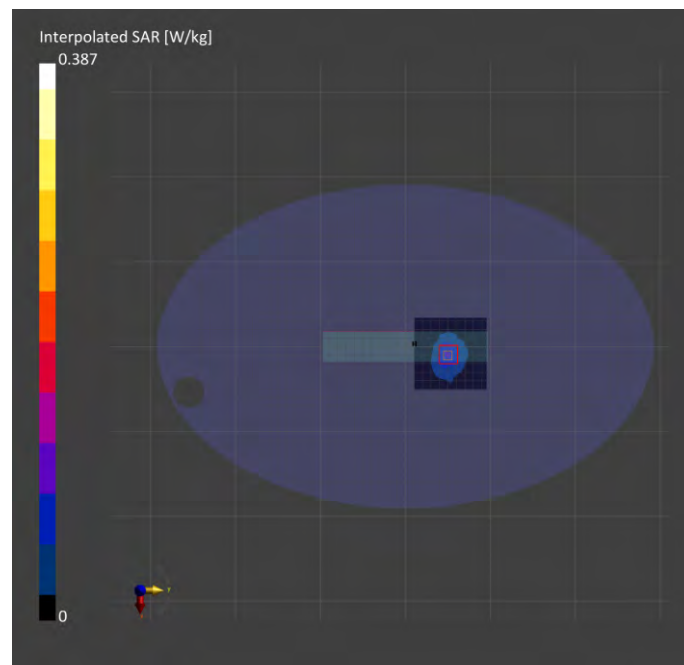
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-11-16	2022-11-16
psSAR1g [W/Kg]	0.086	0.078
psSAR10g [W/Kg]	0.035	0.031
psPDab (1.0cm2, sq) [W/m2]		0.776
psPDab (4.0cm2, sq) [W/m2]		0.699
Power Drift [dB]	0.10	0.17
TSL Correction	Positive only	Positive only
M2/M1 [%]		48.3
Dist 3dB Peak [mm]		13.5



104_WLAN 6 GHz_802.11ax HE160_Ch15_Side 2_0 mm_ANT Main

Device under Test Properties

Model: UX10G3

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	Side 2, 0.00	U-NII-5	WLAN, 10755-AAC	6025.0, 15	5.5	5.55	34.4

Hardware Setup

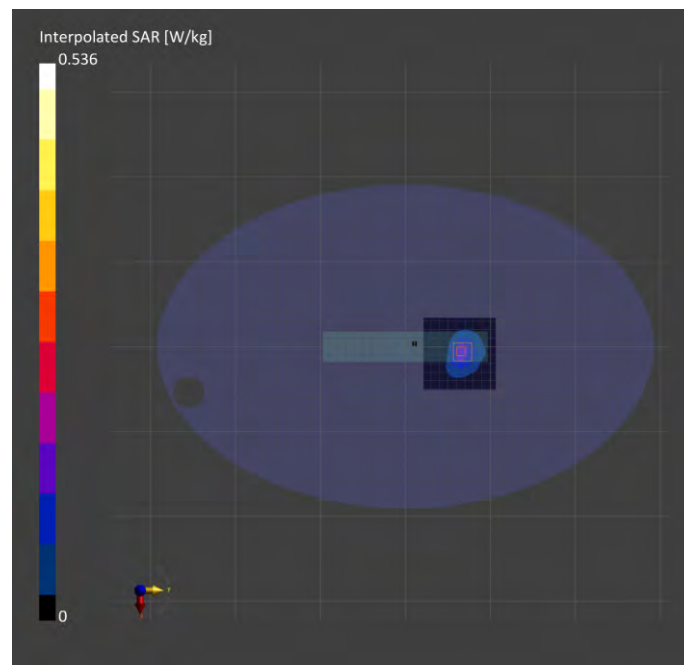
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-11-16	2022-11-16
psSAR1g [W/Kg]	0.127	0.134
psSAR10g [W/Kg]	0.052	0.055
psPDab (1.0cm2, sq) [W/m2]		1.34
psPDab (4.0cm2, sq) [W/m2]		1.22
Power Drift [dB]	0.10	-0.01
TSL Correction	Positive only	Positive only
M2/M1 [%]		54.3
Dist 3dB Peak [mm]		14.3



106_WLAN 6 GHz_802.11ax HE160_Ch79_Side 2_0 mm_ANT Main

Device under Test Properties

Model: UX10G3

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	Side 2, 0.00	U-NII-5	WLAN, 10755-AAC	6345.0, 79	5.5	5.97	33.8

Hardware Setup

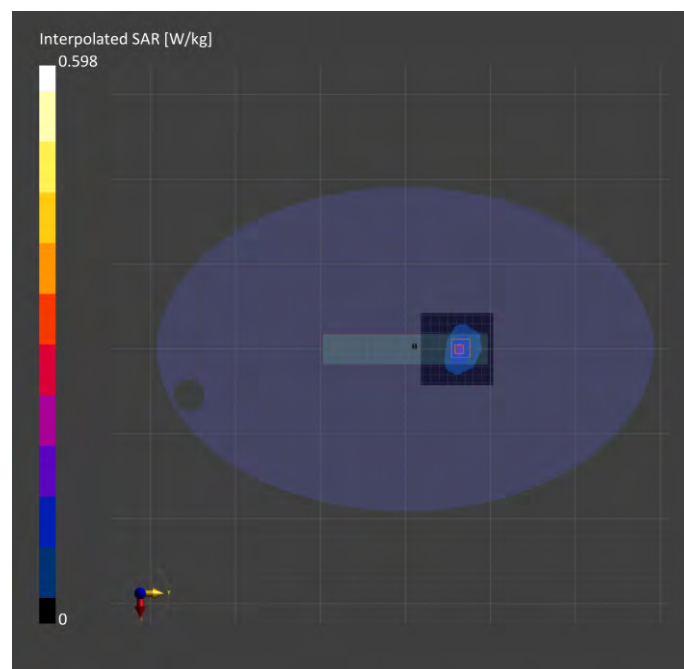
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-11-16	2022-11-16
psSAR1g [W/Kg]	0.132	0.138
psSAR10g [W/Kg]	0.054	0.055
psPDab (1.0cm2, sq) [W/m2]		1.38
psPDab (4.0cm2, sq) [W/m2]		1.21
Power Drift [dB]	0.03	0.10
TSL Correction	Positive only	Positive only
M2/M1 [%]		52.8
Dist 3dB Peak [mm]		11.9



107_WLAN 6 GHz_802.11ax HE160_Ch111_Side 2_0 mm_ANT Main

Device under Test Properties

Model: UX10G3

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	Side 2, 0.00	U-NII-6	WLAN, 10755-AAC	6505.0, 111	5.5	6.13	33.6

Hardware Setup

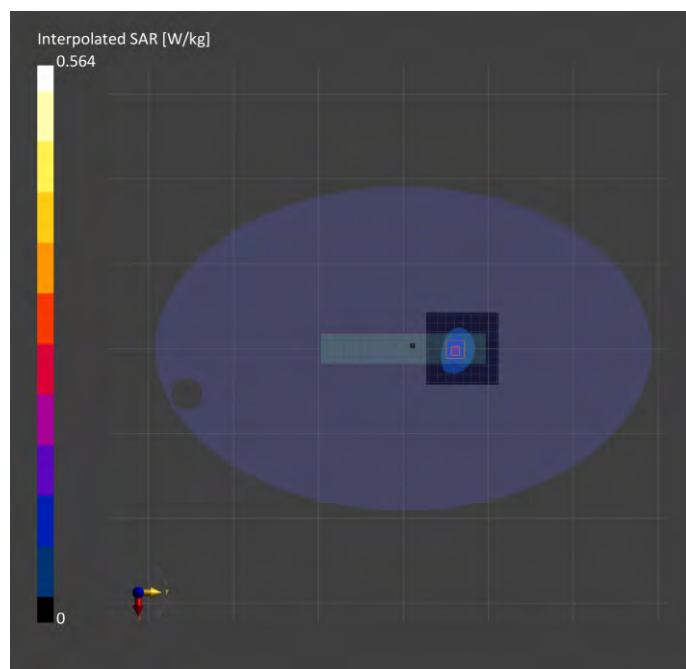
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-11-16	2022-11-16
psSAR1g [W/Kg]	0.124	0.125
psSAR10g [W/Kg]	0.049	0.050
psPDab (1.0cm2, sq) [W/m2]		1.25
psPDab (4.0cm2, sq) [W/m2]		1.10
Power Drift [dB]	0.07	0.02
TSL Correction	Positive only	Positive only
M2/M1 [%]		51.0
Dist 3dB Peak [mm]		10.8



108_WLAN 6 GHz_802.11ax HE160_Ch143_Side 2_0 mm_ANT Main

Device under Test Properties

Model: UX10G3

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	Side 2, 0.00	U-NII-7	WLAN, 10755-AAC	6665.0, 143	5.5	6.31	33.1

Hardware Setup

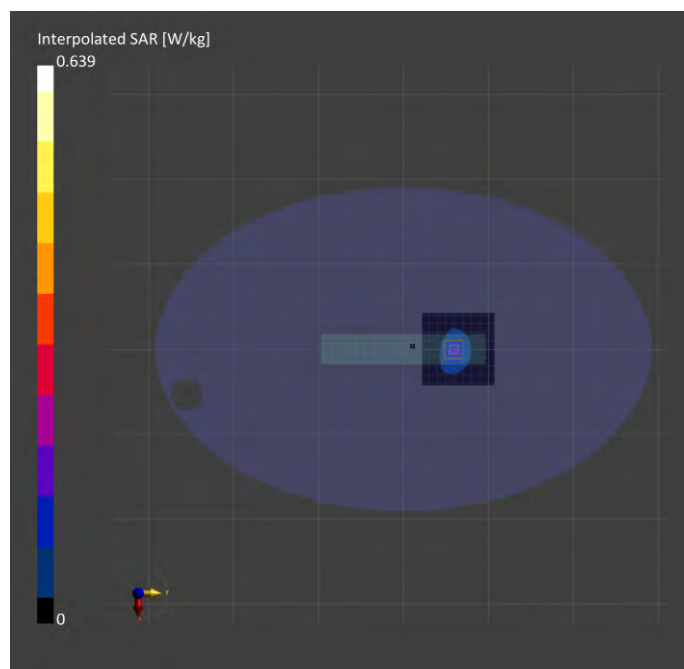
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
ELI V5.0 (20deg probe tilt) - 1175	HSL6G	EX3DV4 - SN3847, 2022-03-24	DAE4 Sn541, 2022-03-23

Scan Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	85.0 x 85.0	22.0 x 22.0 x 22.0
Grid Steps [mm]	8.5 x 8.5	3.4 x 3.4 x 1.4
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2022-11-16	2022-11-16
psSAR1g [W/Kg]	0.140	0.138
psSAR10g [W/Kg]	0.055	0.053
psPDab (1.0cm2, sq) [W/m2]		1.38
psPDab (4.0cm2, sq) [W/m2]		1.19
Power Drift [dB]	0.04	-0.10
TSL Correction	Positive only	Positive only
M2/M1 [%]		50.5
Dist 3dB Peak [mm]		11.9



110_WLAN 6 GHz_802.11ax HE160_Ch15_Side 1_2 mm_ANT Main

Device under Test Properties

Model:UX10G3

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Side 1, 2.00	U-NII-5	WLAN, 10755-AAC	6025.0, 15	1.0

Hardware Setup

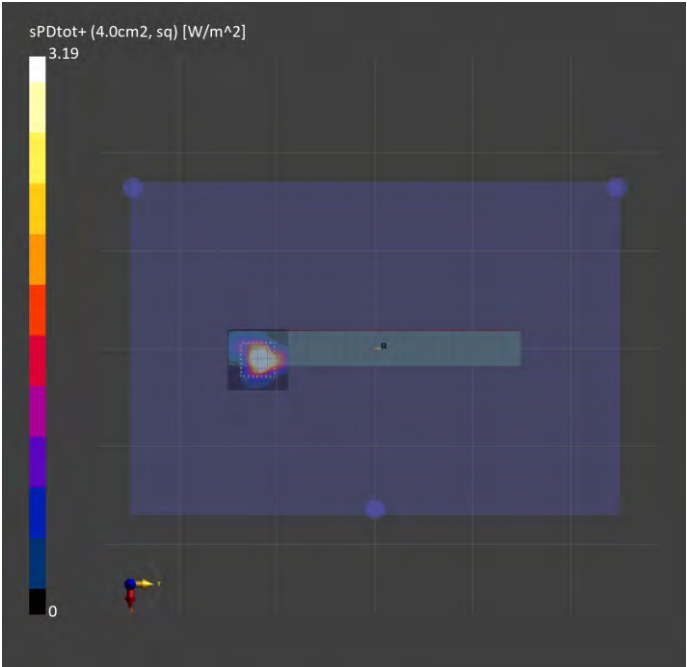
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

Scan Setup

	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-11-17
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	1.86
psPDtot+ [W/m²]	3.11
psPDmod+ [W/m²]	6.39
E _{max} [V/m]	70.3
H _{max} [A/m]	0.322
Power Drift [dB]	0.03



111_WLAN 6 GHz_802.11ax HE160_Ch79_Side 1_2 mm_ANT Main

Device under Test Properties

Model:UX10G3

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Side 1, 2.00	U-NII-5	WLAN, 10755-AAC	6345.0, 79	1.0

Hardware Setup

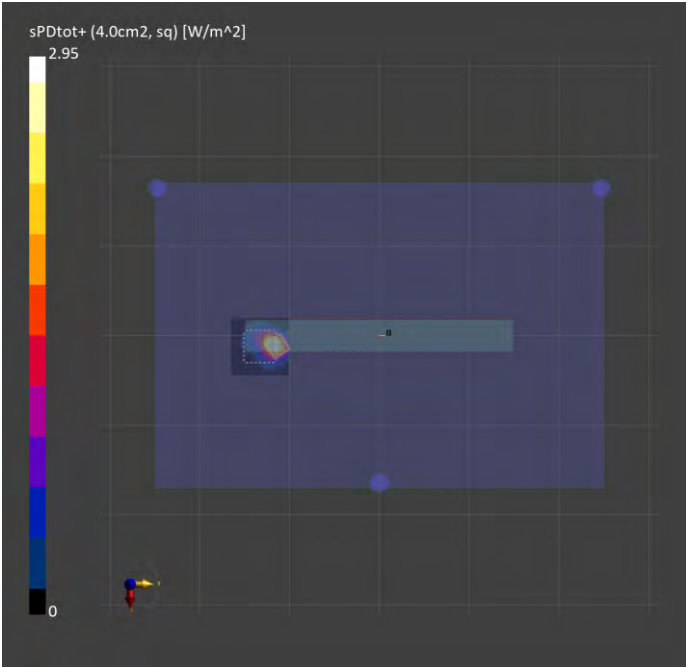
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

Scan Setup

	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-11-17
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	1.21
psPDtot+ [W/m²]	2.81
psPDmod+ [W/m²]	5.27
E _{max} [V/m]	56.6
H _{max} [A/m]	0.373
Power Drift [dB]	-0.02



112_WLAN 6 GHz_802.11ax HE160_Ch111_Side 1_2 mm_ANT Main

Device under Test Properties

Model:UX10G3

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Side 1, 2.00	U-NII-6	WLAN, 10755-AAC	6505.0, 111	1.0

Hardware Setup

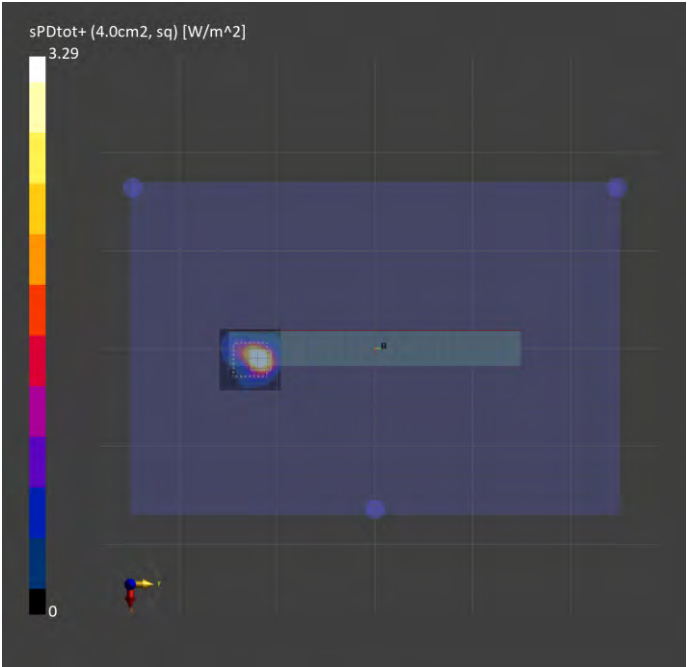
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

Scan Setup

	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-11-17
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	1.48
psPDtot+ [W/m²]	3.21
psPDmod+ [W/m²]	6.23
E _{max} [V/m]	57.7
H _{max} [A/m]	0.392
Power Drift [dB]	0.09



113_WLAN 6 GHz_802.11ax HE160_Ch143_Side 1_2 mm_ANT Main

Device under Test Properties

Model:UX10G3

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Side 1, 2.00	U-NII-7	WLAN, 10755-AAC	6665.0, 143	1.0

Hardware Setup

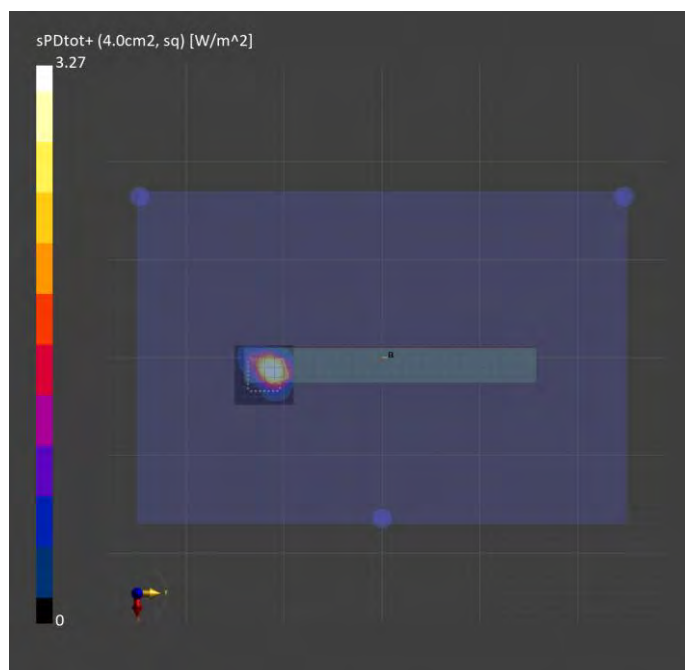
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

Scan Setup

	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-11-17
Avg. Area [cm ²]	4.00
psPDn+ [W/m ²]	1.22
psPDtot+ [W/m ²]	3.16
psPDmod+ [W/m ²]	5.87
E _{max} [V/m]	54.5
H _{max} [A/m]	0.393
Power Drift [dB]	-0.08



114_WLAN 6 GHz_802.11ax HE160_Ch207_Side 1_2 mm_ANT Main

Device under Test Properties

Model:UX10G3

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Side 1, 2.00	U-NII-8	WLAN, 10755-AAC	6985.0, 207	1.0

Hardware Setup

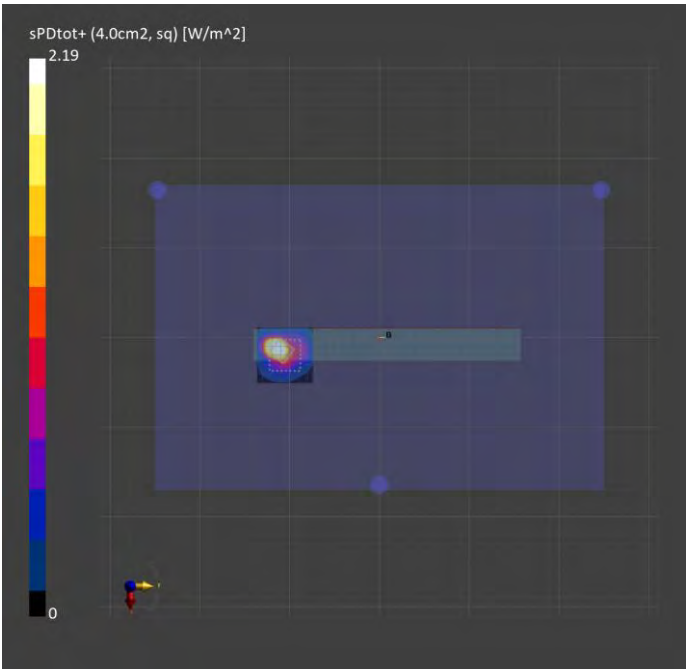
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

Scan Setup

	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-11-17
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	0.866
psPDtot+ [W/m²]	2.11
psPDmod+ [W/m²]	4.43
E _{max} [V/m]	49.8
H _{max} [A/m]	0.472
Power Drift [dB]	-0.05



115_WLAN 6 GHz_802.11ax HE160_Ch15_Side 2_2 mm_ANT Aux

Device under Test Properties

Model:UX10G3

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Side 2, 2.00	U-NII-5	WLAN, 10755-AAC	6025.0, 15	1.0

Hardware Setup

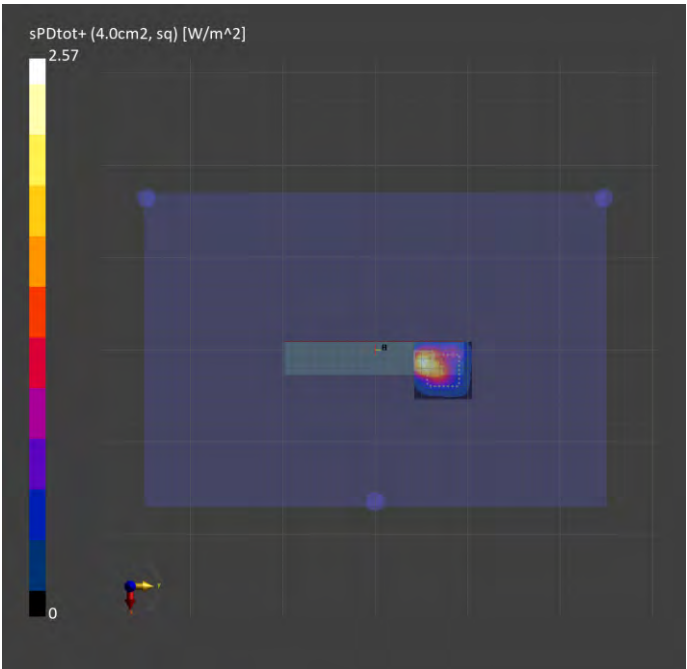
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

Scan Setup

	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-11-17
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	1.35
psPDtot+ [W/m²]	2.43
psPDmod+ [W/m²]	3.22
E _{max} [V/m]	42.6
H _{max} [A/m]	0.43
Power Drift [dB]	0.04



116_WLAN 6 GHz_802.11ax HE160_Ch79_Side 2_2 mm_ANT Aux

Device under Test Properties

Model:UX10G3

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Side 2, 2.00	U-NII-5	WLAN, 10755-AAC	6345.0, 79	1.0

Hardware Setup

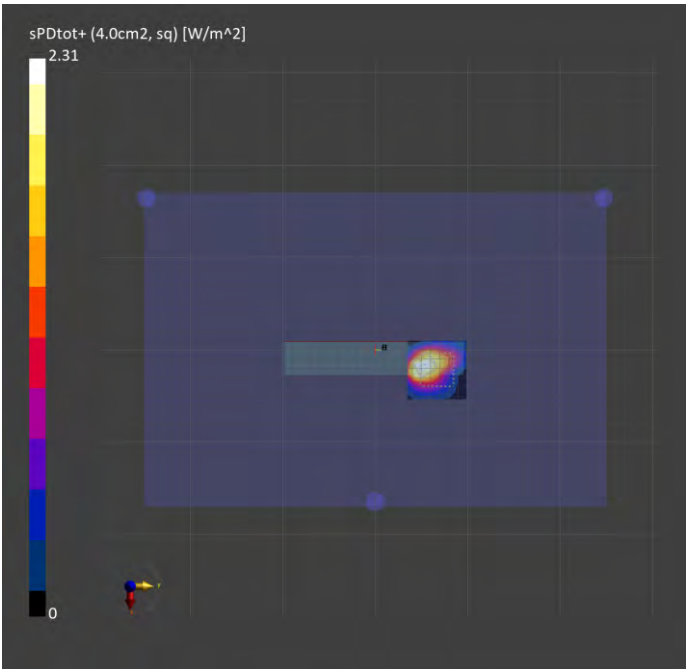
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

Scan Setup

	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-11-17
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	1.29
psPDtot+ [W/m²]	2.21
psPDmod+ [W/m²]	2.98
E _{max} [V/m]	30.6
H _{max} [A/m]	0.24
Power Drift [dB]	-0.04



117_WLAN 6 GHz_802.11ax HE160_Ch111_Side 2_2 mm_ANT Aux

Device under Test Properties

Model:UX10G3

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Side 2, 2.00	U-NII-6	WLAN, 10755-AAC	6505.0, 111	1.0

Hardware Setup

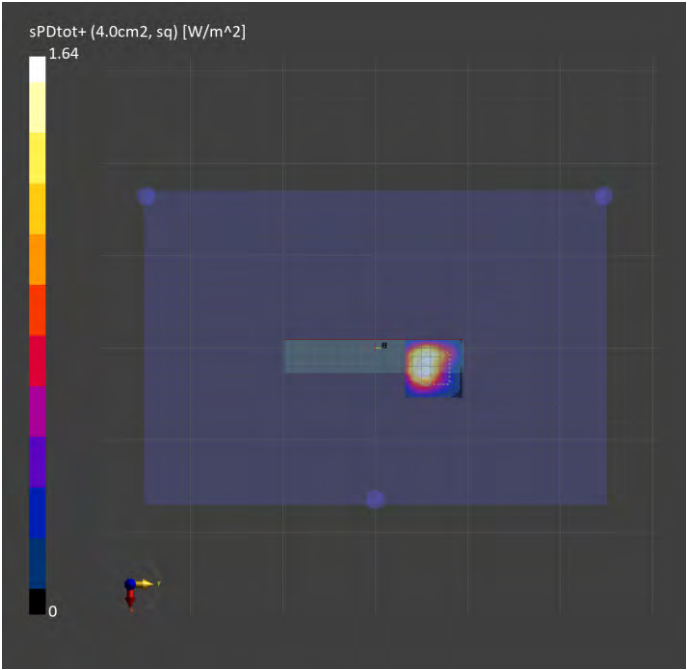
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

Scan Setup

	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-11-17
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	0.964
psPDtot+ [W/m²]	1.63
psPDmod+ [W/m²]	2.20
E _{max} [V/m]	29.9
H _{max} [A/m]	0.19
Power Drift [dB]	-0.07



118_WLAN 6 GHz_802.11ax HE160_Ch143_Side 2_2 mm_ANT Aux

Device under Test Properties

Model:UX10G3

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Side 2, 2.00	U-NII-7	WLAN, 10755-AAC	6665.0, 143	1.0

Hardware Setup

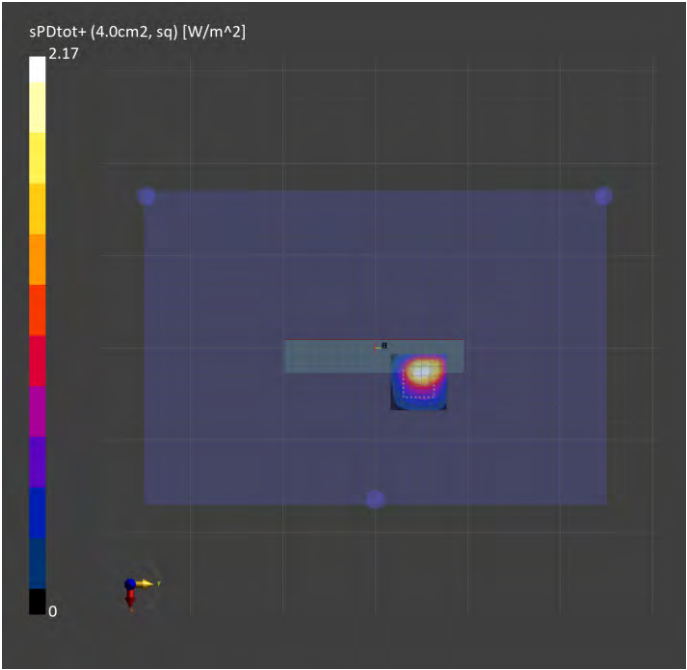
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

Scan Setup

	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-11-17
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	1.05
psPDtot+ [W/m²]	2.16
psPDmod+ [W/m²]	2.74
E _{max} [V/m]	33.3
H _{max} [A/m]	0.242
Power Drift [dB]	0.10



119_WLAN 6 GHz_802.11ax HE160_Ch207_Side 2_2 mm_ANT Aux

Device under Test Properties

Model:UX10G3

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G Air	Side 2, 2.00	U-NII-8	WLAN, 10755-AAC	6985.0, 207	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave- 5G Phantom	Air	EUmmWV4 - SN9639_F1-55GHz, 2022-08-24	DAE4 Sn541, 2022-03-23

Scan Setup

	5G Scan
Grid Extents [mm]	60.0 x 60.0
Grid Steps [lambda]	0.05 x 0.05
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

	5G Scan
Date	2022-11-17
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	0.865
psPDtot+ [W/m²]	1.32
psPDmod+ [W/m²]	1.74
E _{max} [V/m]	28.3
H _{max} [A/m]	0.22
Power Drift [dB]	0.02

