N77-L Head ANT12

Date: 2023/10/22

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 3545 MHz; σ = 2.943 S/m; ε_r = 38.463; ρ = 1000 kg/m3

Ambient Temperature:23.3°C Liquid Temperature: 22.5°C

Communication System: 5G NR (0) Frequency: 3544.98 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7517 ConvF(6.9, 6.34, 6.53)

Area Scan (121x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.11 W/kg

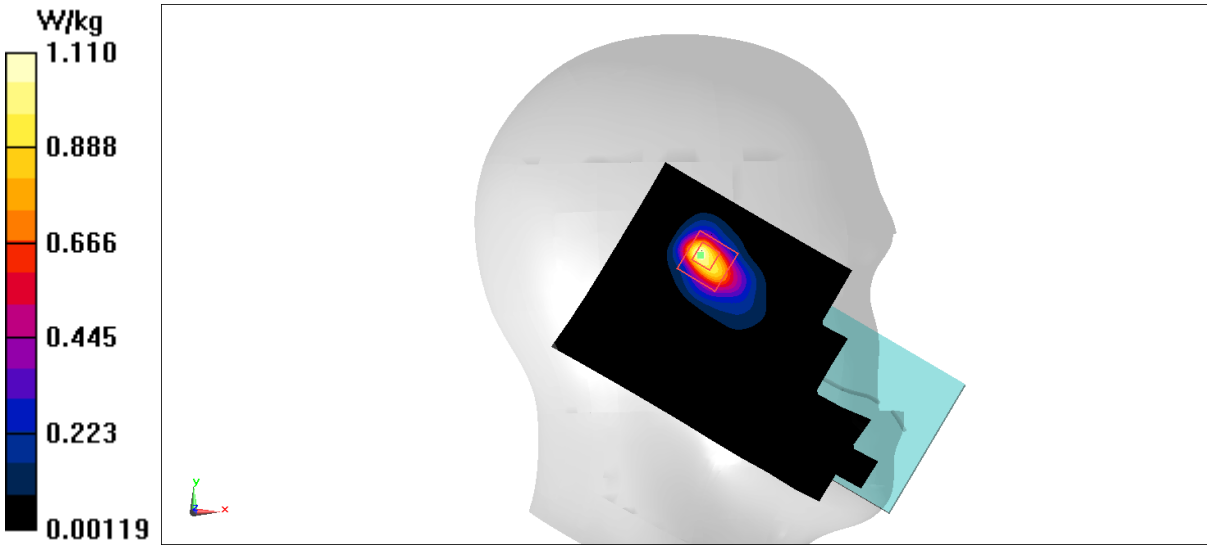
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.739 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 1.81 W/kg

SAR(1 g) = 0.642 W/kg; SAR(10 g) = 0.241 W/kg

Maximum value of SAR (measured) = 1.11 W/kg



N77-L Body 10mm ANT12

Date: 2023/10/22

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 3545 MHz; σ = 2.943 S/m; ε_r = 38.463; ρ = 1000 kg/m3

Ambient Temperature:23.3°C Liquid Temperature: 22.5°C

Communication System: 5G NR (0) Frequency: 3544.98 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7517 ConvF(6.9, 6.34, 6.53)

Area Scan (121x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.541 W/kg

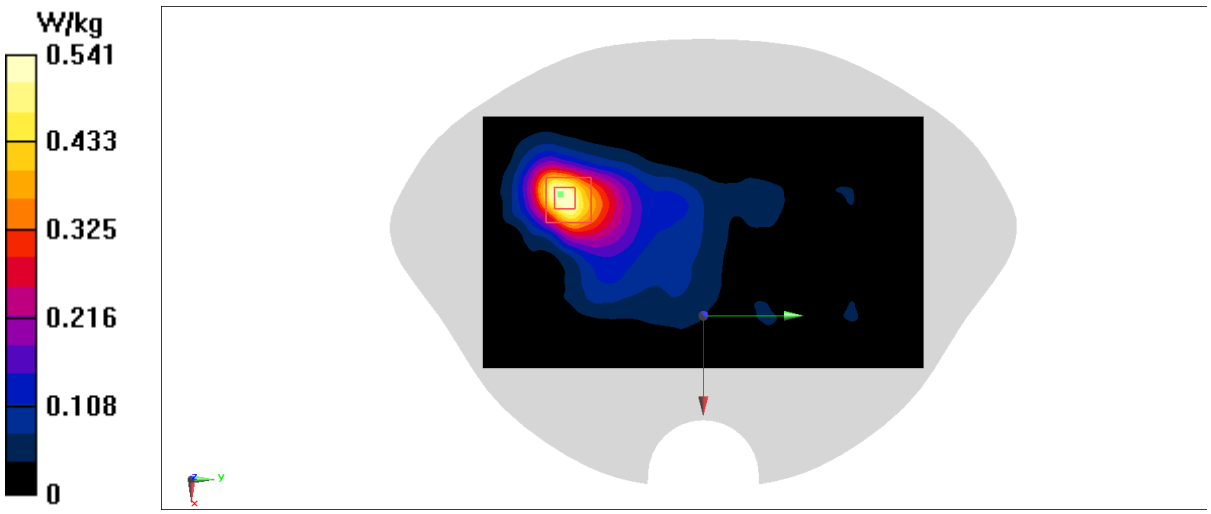
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.901 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 0.718 W/kg

SAR(1 g) = 0.310 W/kg; SAR(10 g) = 0.143 W/kg

Maximum value of SAR (measured) = 0.541 W/kg



N77-H Head ANT6

Date: 2023/11/11

Electronics: DAE4 Sn777

Medium: H700-6000M

Medium parameters used: f = 3705 MHz; σ = 3.107 S/m; ε r = 38.118; ρ = 1000 kg/m3

Ambient Temperature:23.3°C Liquid Temperature: 22.5°C

Communication System: UID 0, 5G NR (0) Frequency: 3705 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7517 ConvF(6.74, 6.21, 6.39)

Area Scan (121x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.43 W/kg

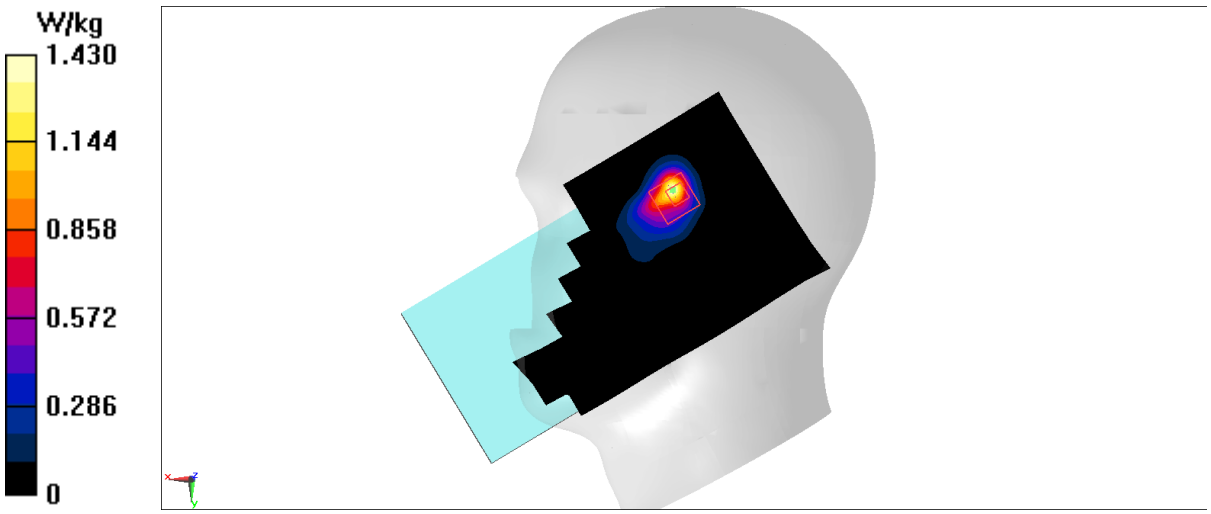
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.747 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.93 W/kg

SAR(1 g) = 0.655 W/kg; SAR(10 g) = 0.255 W/kg

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



N77-H Body 10mm ANT6

Date: 2023/11/11

Electronics: DAE4 Sn777

Medium: H700-6000M

Medium parameters used: f = 3705 MHz; σ = 3.107 S/m; ε r = 38.118; ρ = 1000 kg/m3

Ambient Temperature:23.3°C Liquid Temperature: 22.5°C

Communication System: UID 0, 5G NR (0) Frequency: 3705 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7517 ConvF(6.74, 6.21, 6.39)

Area Scan (121x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.661 W/kg

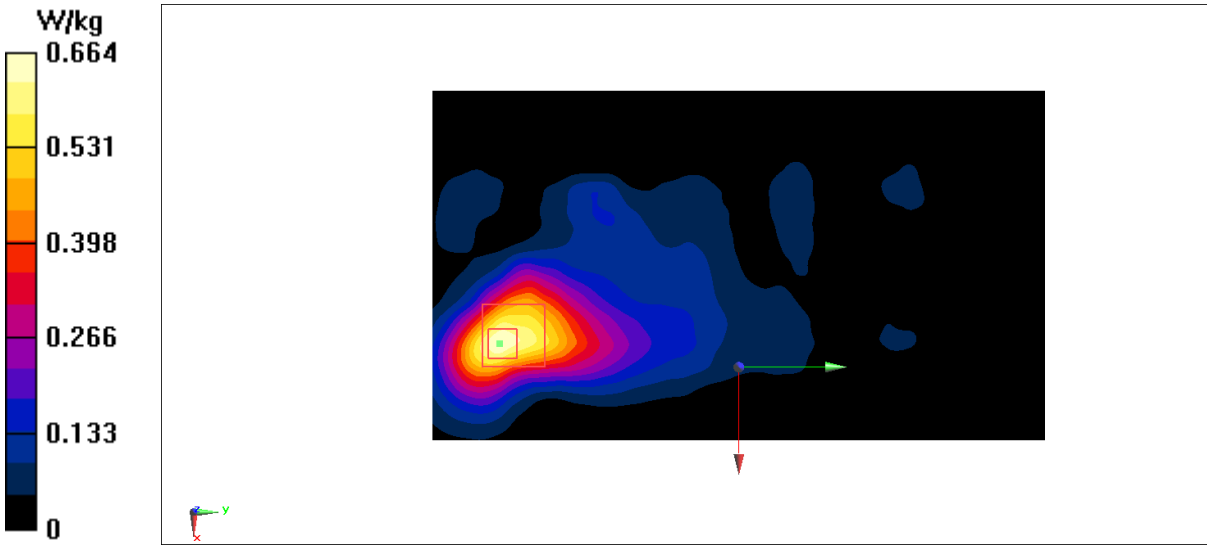
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.012 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 0.937 W/kg

SAR(1 g) = 0.352 W/kg; SAR(10 g) = 0.154 W/kg

Maximum value of SAR (measured) = 0.664 W/kg



N77-H Head ANT8

Date: 2023/11/11

Electronics: DAE4 Sn777

Medium: H700-6000M

Medium parameters used: f = 3705 MHz; σ = 3.107 S/m; ε_r = 38.118; ρ = 1000 kg/m3

Ambient Temperature:23.3°C Liquid Temperature: 22.5°C

Communication System: UID 0, 5G NR (0) Frequency: 3705 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7517 ConvF(6.74, 6.21, 6.39)

Area Scan (121x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.978 W/kg

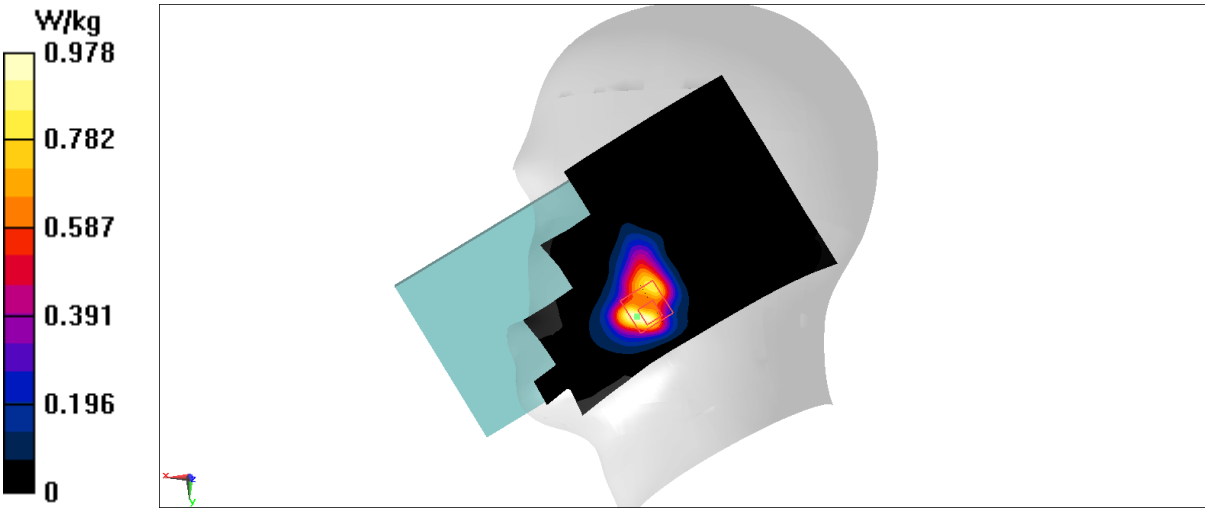
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.514 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 2.23 W/kg

SAR(1 g) = 0.768 W/kg; SAR(10 g) = 0.304 W/kg

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



N77-H Body 10mm ANT8

Date: 2023/11/11

Electronics: DAE4 Sn777

Medium: H700-6000M

Medium parameters used: f = 3705 MHz; σ = 3.107 S/m; ε r = 38.118; ρ = 1000 kg/m3

Ambient Temperature:23.3°C Liquid Temperature: 22.5°C

Communication System: UID 0, 5G NR (0) Frequency: 3705 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7517 ConvF(6.74, 6.21, 6.39)

Area Scan (81x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

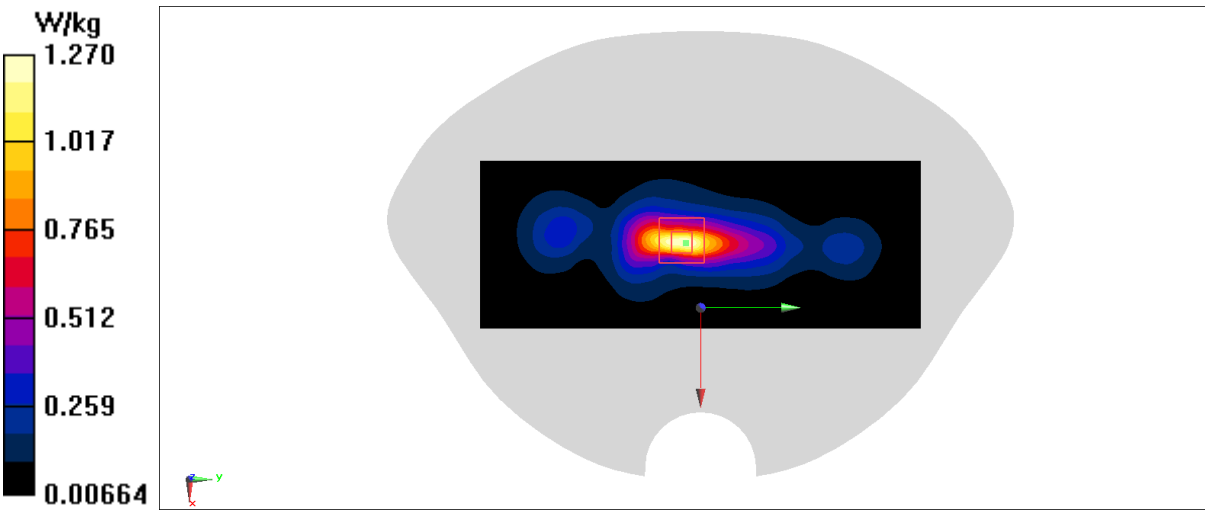
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 17.15 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 1.88 W/kg

SAR(1 g) = 0.671 W/kg; SAR(10 g) = 0.262 W/kg

Maximum value of SAR (measured) = 1.33 W/kg



N77-H Head ANT10

Date: 2023/11/11

Electronics: DAE4 Sn777

Medium: H700-6000M

Medium parameters used: f = 3705 MHz; σ = 3.107 S/m; ε_r = 38.118; ρ = 1000 kg/m3

Ambient Temperature:23.3°C Liquid Temperature: 22.5°C

Communication System: UID 0, 5G NR (0) Frequency: 3705 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7517 ConvF(6.74, 6.21, 6.39)

Area Scan (121x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

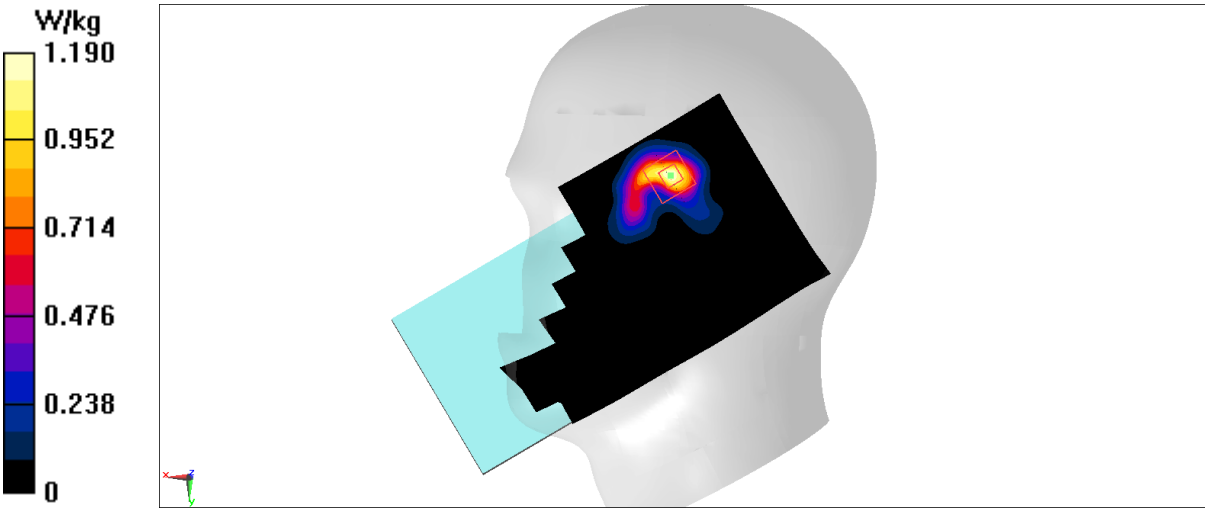
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.449 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 2.13 W/kg

SAR(1 g) = 0.739 W/kg; SAR(10 g) = 0.276 W/kg

Maximum value of SAR (measured) = 1.33 W/kg



N77-H Body 10mm ANT10

Date: 2023/11/11

Electronics: DAE4 Sn777

Medium: H700-6000M

Medium parameters used: f = 3705 MHz; σ = 3.107 S/m; ε_r = 38.118; ρ = 1000 kg/m3

Ambient Temperature:23.3°C Liquid Temperature: 22.5°C

Communication System: UID 0, 5G NR (0) Frequency: 3705 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7517 ConvF(6.74, 6.21, 6.39)

Area Scan (121x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.09 W/kg

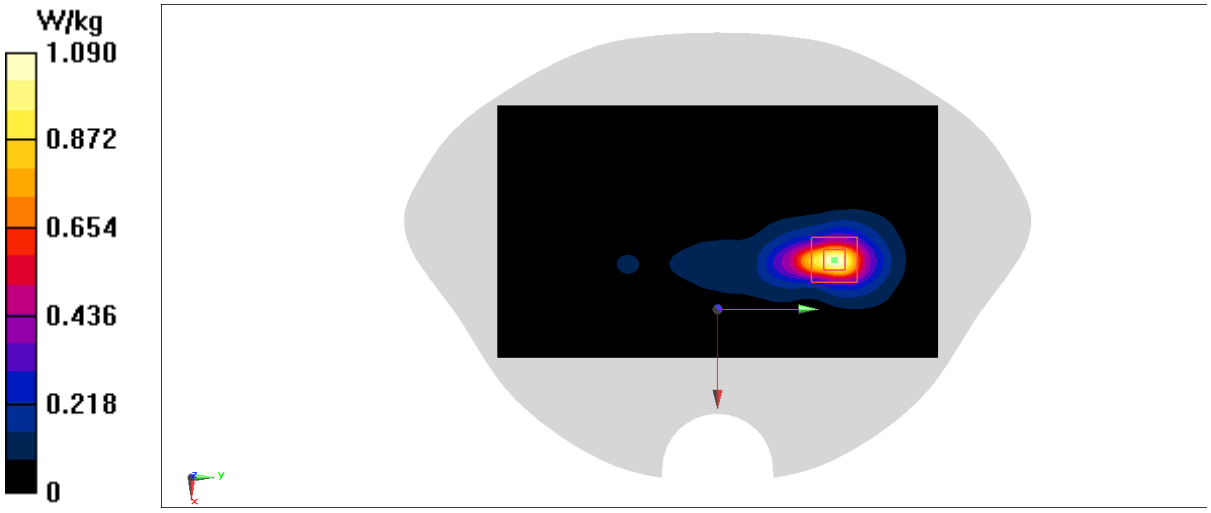
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.271 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.55 W/kg

SAR(1 g) = 0.565 W/kg; SAR(10 g) = 0.221 W/kg

Maximum value of SAR (measured) = 1.08 W/kg



N77-H Head ANT12

Date: 2023/11/11

Electronics: DAE4 Sn777

Medium: H700-6000M

Medium parameters used: f = 3705 MHz; σ = 3.107 S/m; ε_r = 38.118; ρ = 1000 kg/m3

Ambient Temperature:23.3°C Liquid Temperature: 22.5°C

Communication System: UID 0, 5G NR (0) Frequency: 3705 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7517 ConvF(6.74, 6.21, 6.39)

Area Scan (121x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.65 W/kg

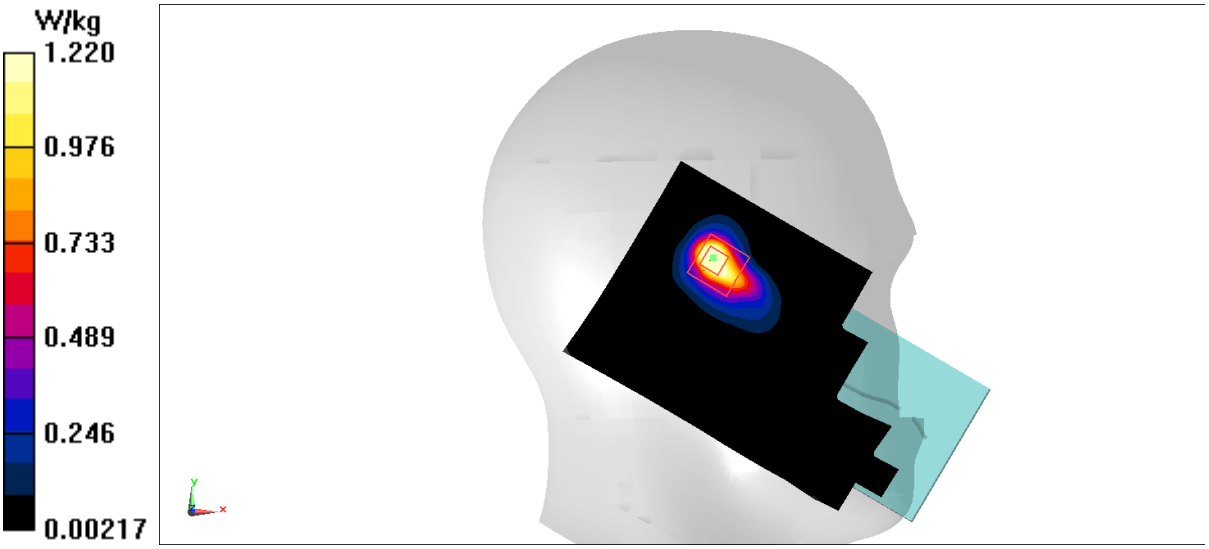
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.724 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 1.77 W/kg

SAR(1 g) = 0.649 W/kg; SAR(10 g) = 0.249 W/kg

Maximum value of SAR (measured) = 1.22 W/kg



N77-H Body 10mm ANT12

Date: 2023/11/11

Electronics: DAE4 Sn777

Medium: H700-6000M

Medium parameters used (interpolated): f = 3759 MHz; σ = 3.158 S/m; ε_r = 38.009; ρ = 1000 kg/m3

Ambient Temperature:23.3°C Liquid Temperature: 22.5°C

Communication System: 5G N77 (0) Frequency: 3759 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7517 ConvF(6.74, 6.21, 6.39)

Area Scan (121x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.778 W/kg

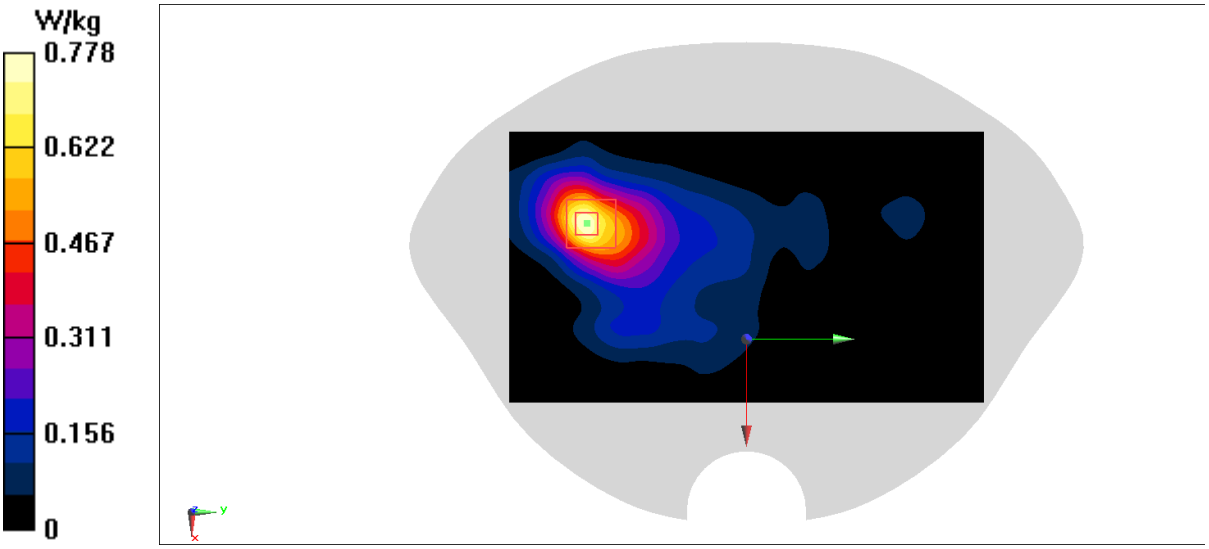
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.324 V/m; Power Drift = -0.11 dB

Peak SAR (extrapolated) = 1.01 W/kg

SAR(1 g) = 0.410 W/kg; SAR(10 g) = 0.188 W/kg

Maximum value of SAR (measured) = 0.720 W/kg



N78-L Head ANT6

Date: 2023/11/5

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used (interpolated): f = 3500.01 MHz; σ = 2.917 S/m; ε_r = 38.748; ρ = 1000 kg/m3

Ambient Temperature:23.3°C Liquid Temperature: 22.5°C

Communication System: UID 0, 5G NR (0) Frequency: 3500.01 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7517 ConvF(6.9, 6.34, 6.53)

Area Scan (121x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.22 W/kg

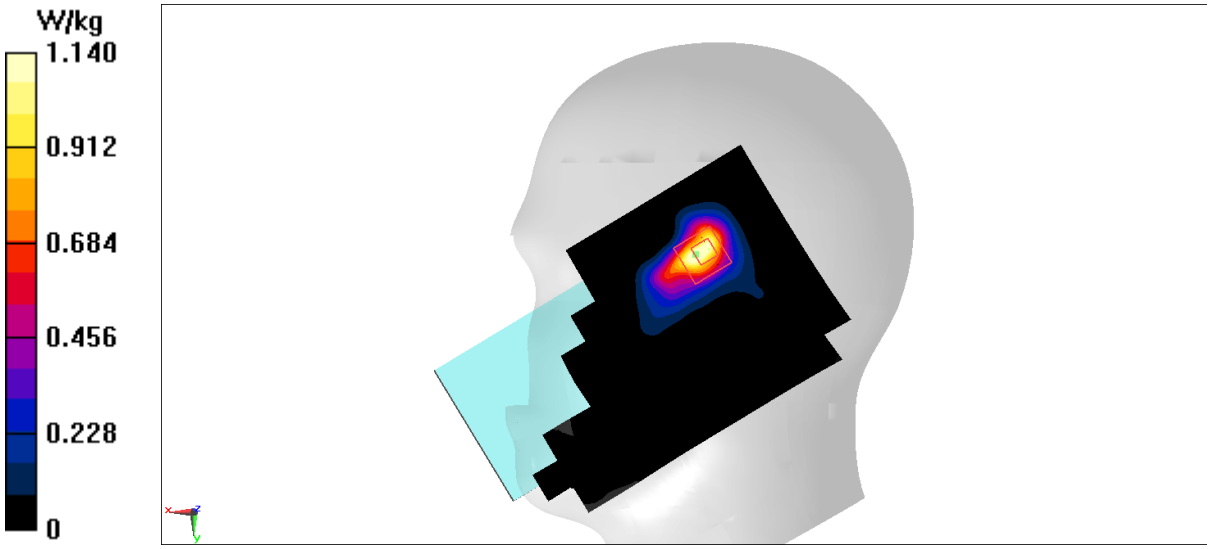
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.661 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.53 W/kg

SAR(1 g) = 0.614 W/kg; SAR(10 g) = 0.251 W/kg

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



N78-L Body 10mm ANT6

Date: 2023/11/5

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 3545 MHz; σ = 2.958 S/m; ε_r = 38.658; ρ = 1000 kg/m3

Ambient Temperature:23.3°C Liquid Temperature: 22.5°C

Communication System: UID 0, 5G NR (0) Frequency: 3544.98 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7517 ConvF(6.9, 6.34, 6.53)

Area Scan (121x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.18 W/kg

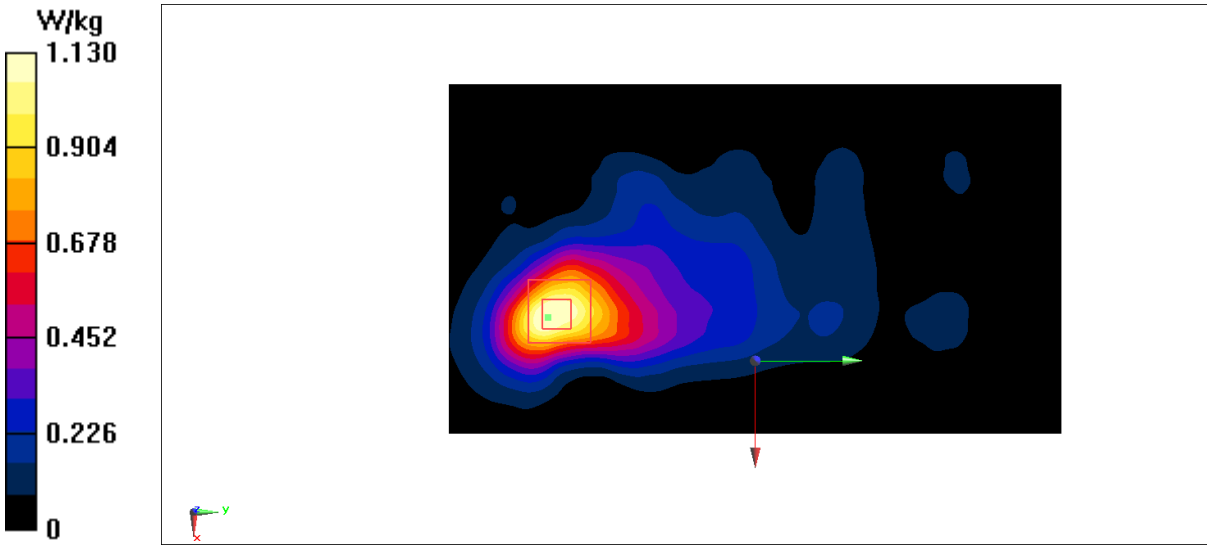
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 9.472 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 1.51 W/kg

SAR(1 g) = 0.636 W/kg; SAR(10 g) = 0.293 W/kg

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



N78-L Head ANT8

Date: 2023/11/5

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 3545 MHz; σ = 2.958 S/m; ε_r = 38.658; ρ = 1000 kg/m3

Ambient Temperature:23.3°C Liquid Temperature: 22.5°C

Communication System: UID 0, 5G NR (0) Frequency: 3544.98 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7517 ConvF(6.9, 6.34, 6.53)

Area Scan (121x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.577 W/kg

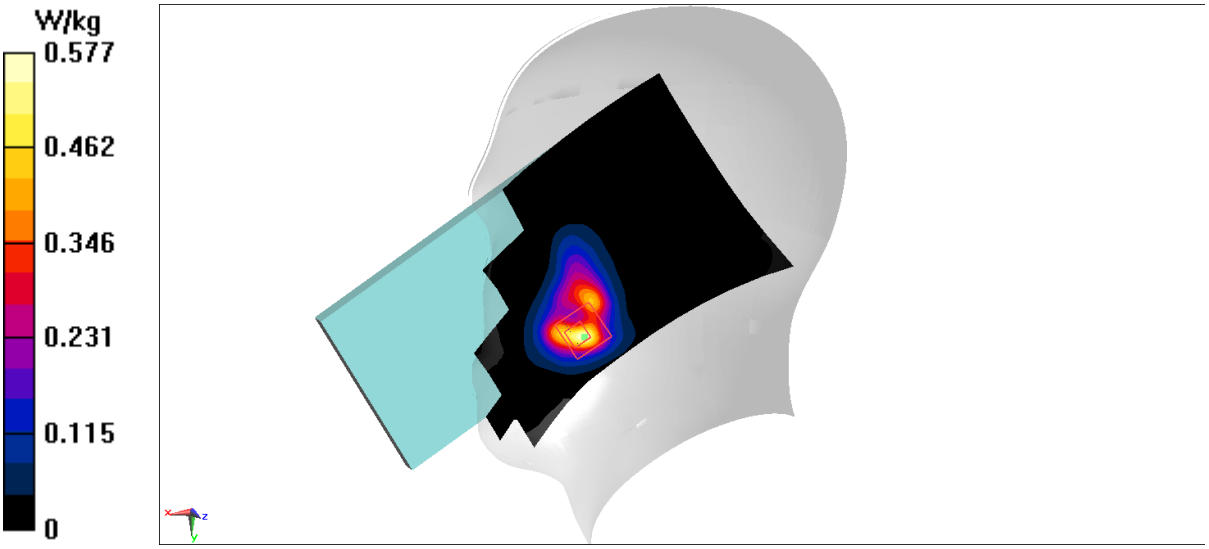
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.100 V/m; Power Drift = -0.10 dB

Peak SAR (extrapolated) = 1.15 W/kg

SAR(1 g) = 0.415 W/kg; SAR(10 g) = 0.168 W/kg

Maximum value of SAR (measured) = 0.821 W/kg



N78-L Body 10mm ANT8

Date: 2023/11/5

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 3545 MHz; σ = 2.958 S/m; ε_r = 38.658; ρ = 1000 kg/m3

Ambient Temperature:23.3°C Liquid Temperature: 22.5°C

Communication System: UID 0, 5G NR (0) Frequency: 3544.98 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7517 ConvF(6.9, 6.34, 6.53)

Area Scan (121x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.877 W/kg

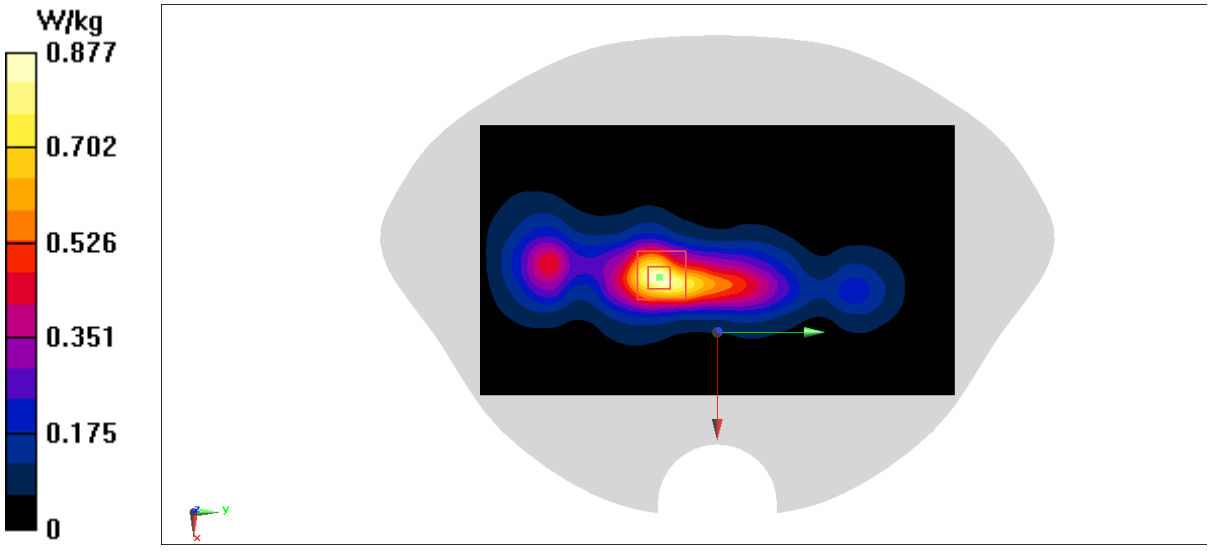
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 14.26 V/m; Power Drift = 0.10 dB

Peak SAR (extrapolated) = 1.43 W/kg

SAR(1 g) = 0.559 W/kg; SAR(10 g) = 0.233 W/kg

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



N78-L Head ANT10

Date: 2023/11/5

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used (interpolated): f = 3500.01 MHz; σ = 2.917 S/m; ε_r = 38.748; ρ = 1000 kg/m3

Ambient Temperature:23.3°C Liquid Temperature: 22.5°C

Communication System: UID 0, 5G NR (0) Frequency: 3500.01 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7517 ConvF(6.9, 6.34, 6.53)

Area Scan (121x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.72 W/kg

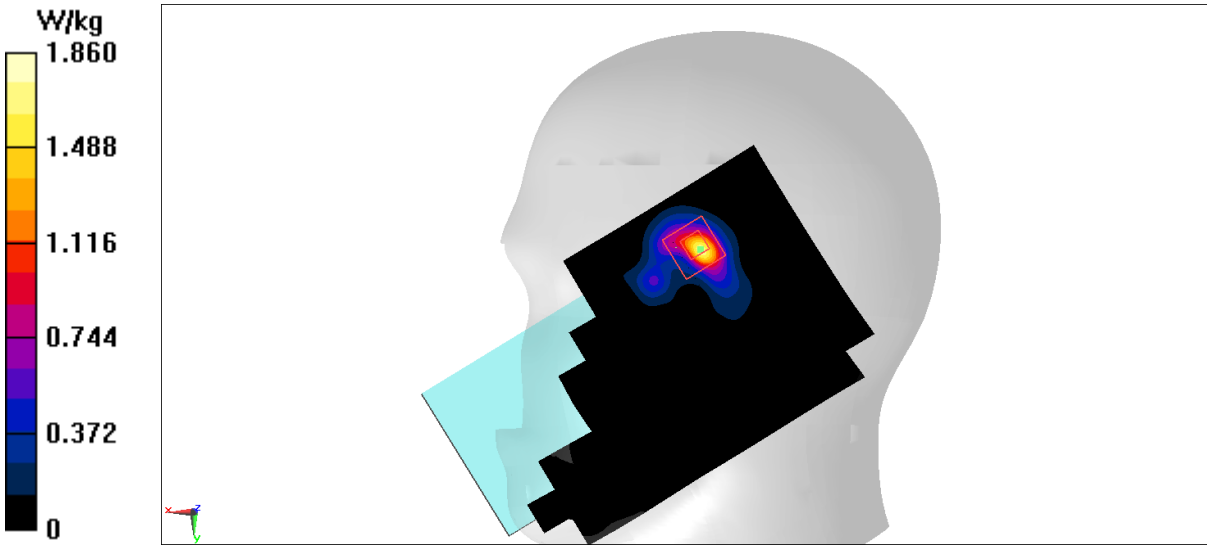
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.751 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 2.55 W/kg

SAR(1 g) = 0.966 W/kg; SAR(10 g) = 0.351 W/kg

Maximum value of SAR (measured) = 1.86 W/kg



N78-L Body 10mm ANT10

Date: 2023/11/5

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 3545 MHz; σ = 2.958 S/m; ε_r = 38.658; ρ = 1000 kg/m3

Ambient Temperature:23.3°C Liquid Temperature: 22.5°C

Communication System: UID 0, 5G NR (0) Frequency: 3544.98 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7517 ConvF(6.9, 6.34, 6.53)

Area Scan (121x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

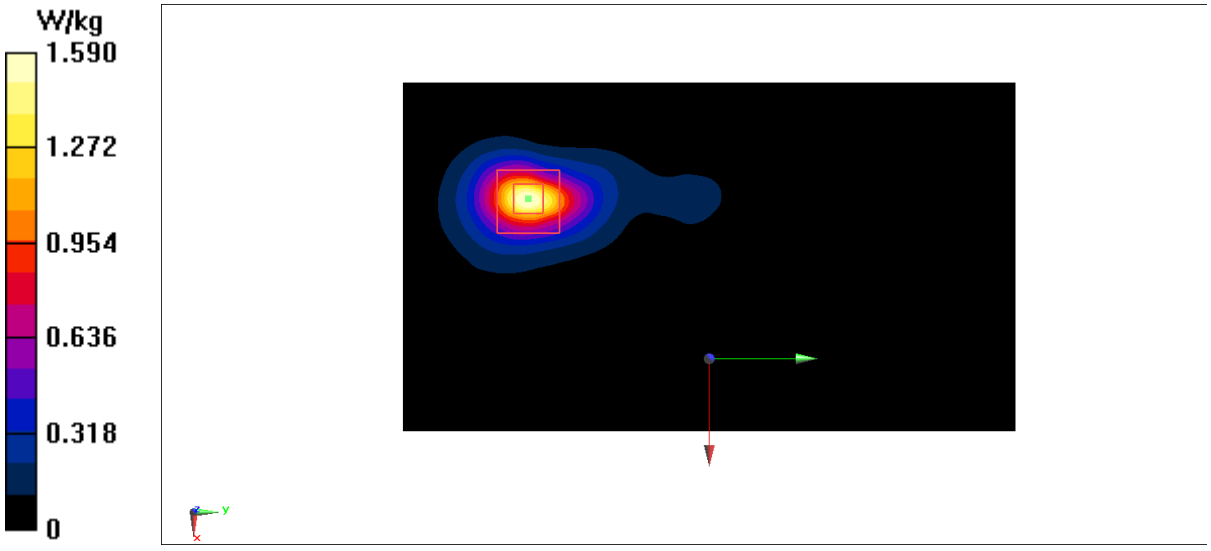
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.251 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 2.22 W/kg

SAR(1 g) = 0.818 W/kg; SAR(10 g) = 0.316 W/kg

Maximum value of SAR (measured) = 1.59 W/kg



N78-L Head ANT12

Date: 2023/11/5

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 3545 MHz; σ = 2.958 S/m; ε_r = 38.658; ρ = 1000 kg/m3

Ambient Temperature:23.3°C Liquid Temperature: 22.5°C

Communication System: UID 0, 5G NR (0) Frequency: 3544.98 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7517 ConvF(6.9, 6.34, 6.53)

Area Scan (121x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

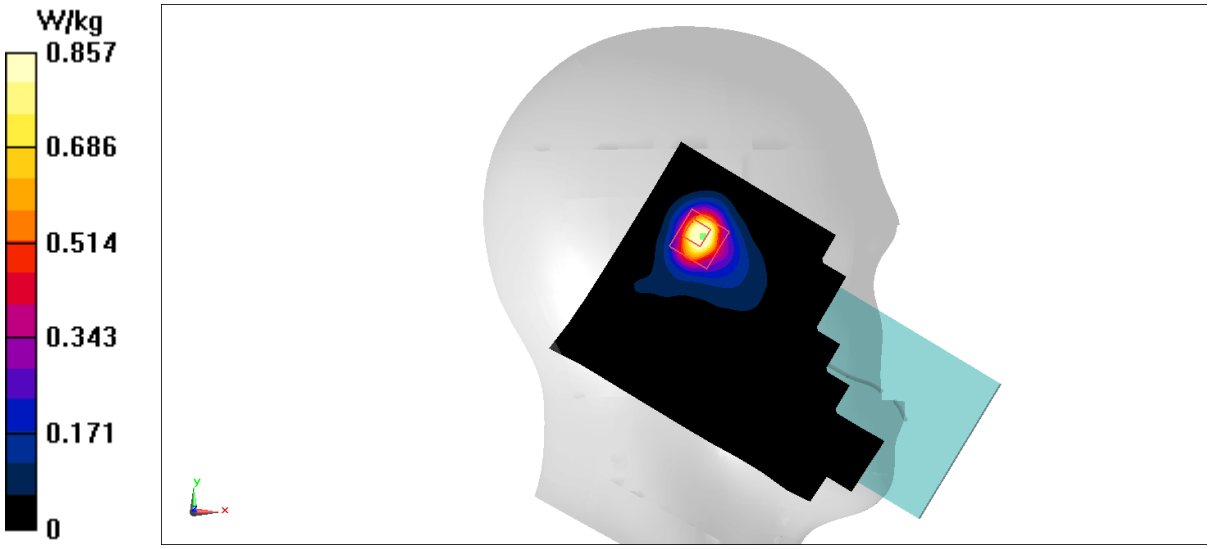
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.379 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 1.32 W/kg

SAR(1 g) = 0.496 W/kg; SAR(10 g) = 0.195 W/kg

Maximum value of SAR (measured) = 0.857 W/kg



N78-L Body 10mm ANT12

Date: 2023/11/5

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 3545 MHz; σ = 2.958 S/m; ε_r = 38.658; ρ = 1000 kg/m3

Ambient Temperature:23.3°C Liquid Temperature: 22.5°C

Communication System: UID 0, 5G NR (0) Frequency: 3544.98 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7517 ConvF(6.9, 6.34, 6.53)

Area Scan (121x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.667 W/kg

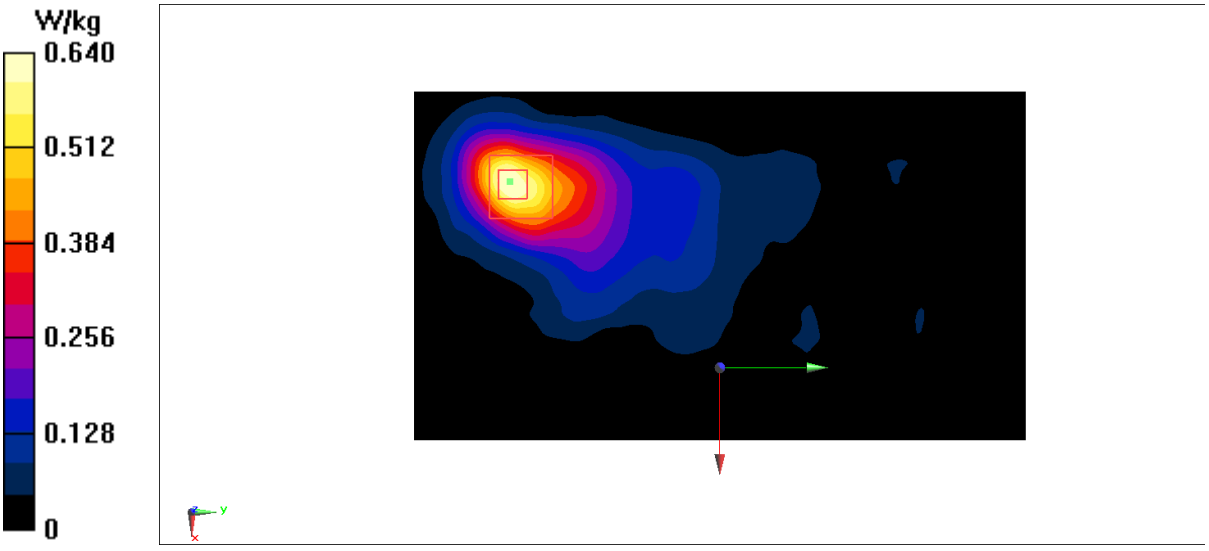
Zoom Scan (8x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.990 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.869 W/kg

SAR(1 g) = 0.360 W/kg; SAR(10 g) = 0.160 W/kg

Maximum value of SAR (measured) = 0.640 W/kg



N78-H Head ANT6

Date: 2023/11/13

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 3705 MHz; σ = 3.211 S/m; ε_r = 38.311; ρ = 1000 kg/m3

Ambient Temperature:23.3°C Liquid Temperature: 22.5°C

Communication System: UID 0, 5G NR (0) Frequency: 3705 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7517 ConvF(6.74, 6.21, 6.39)

Area Scan (121x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.43 W/kg

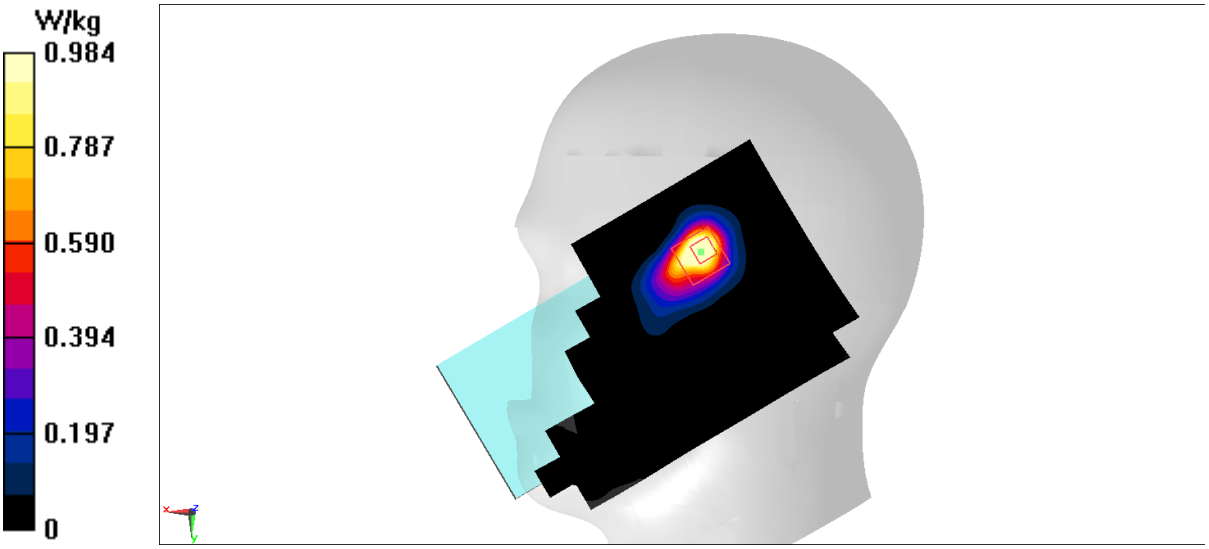
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.694 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.51 W/kg

SAR(1 g) = 0.557 W/kg; SAR(10 g) = 0.229 W/kg

Maximum value of SAR (measured) = 0.984 W/kg



N78-H Body 10mm ANT6

Date: 2023/11/13

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 3705 MHz; σ = 3.211 S/m; ε_r = 38.311; ρ = 1000 kg/m3

Ambient Temperature:23.3°C Liquid Temperature: 22.5°C

Communication System: UID 0, 5G NR (0) Frequency: 3705 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7517 ConvF(6.74, 6.21, 6.39)

Area Scan (121x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.815 W/kg

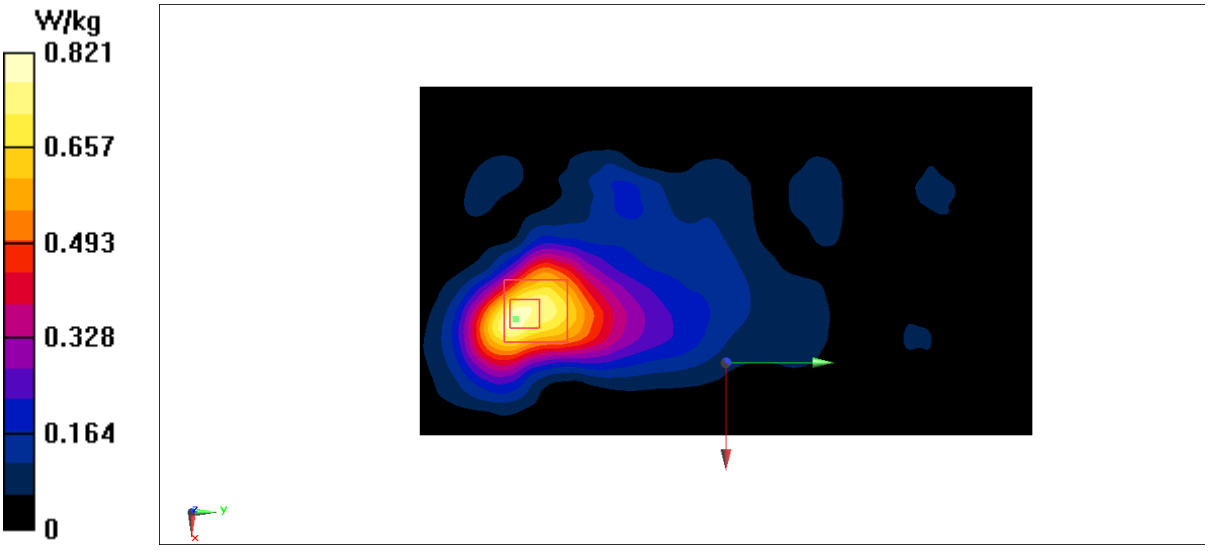
Zoom Scan (9x10x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.423 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 1.16 W/kg

SAR(1 g) = 0.448 W/kg; SAR(10 g) = 0.209 W/kg

Maximum value of SAR (measured) = 0.821 W/kg



N78-H Head ANT8

Date: 2023/11/13

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 3705 MHz; σ = 3.211 S/m; ε_r = 38.311; ρ = 1000 kg/m3

Ambient Temperature:23.3°C Liquid Temperature: 22.5°C

Communication System: UID 0, 5G NR (0) Frequency: 3705 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7517 ConvF(6.74, 6.21, 6.39)

Area Scan (121x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.592 W/kg

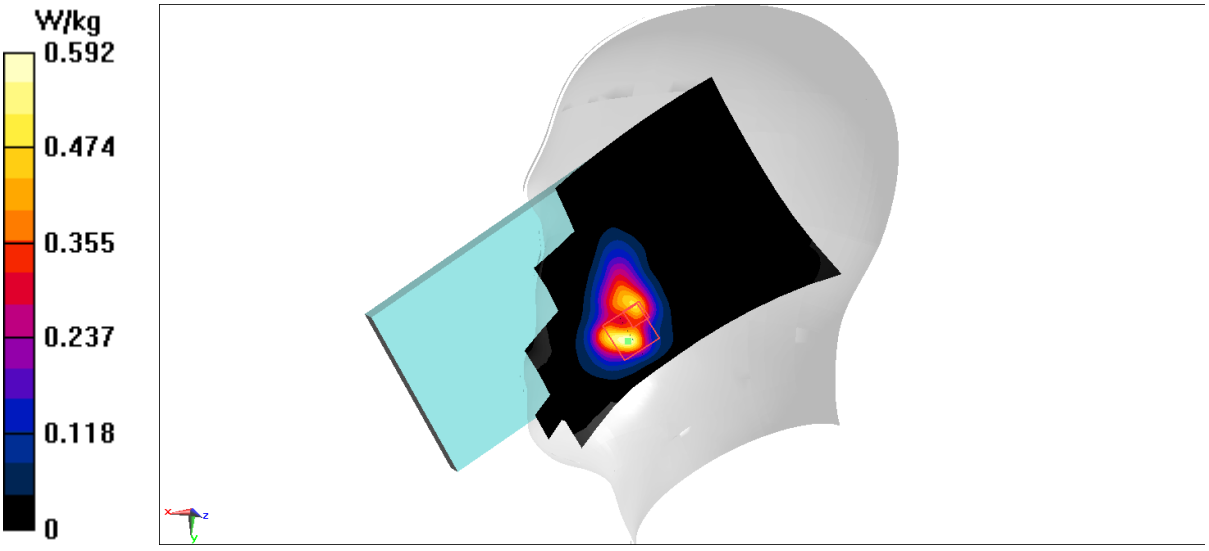
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0 V/m; Power Drift = 0.09 dB

Peak SAR (extrapolated) = 1.08 W/kg

SAR(1 g) = 0.365 W/kg; SAR(10 g) = 0.152 W/kg

Maximum value of SAR (measured) = 0.820 W/kg



N78-H Body 10mm ANT8

Date: 2023/11/13

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 3705 MHz; σ = 3.211 S/m; ε_r = 38.311; ρ = 1000 kg/m3

Ambient Temperature:23.3°C Liquid Temperature: 22.5°C

Communication System: UID 0, 5G NR (0) Frequency: 3705 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7517 ConvF(6.74, 6.21, 6.39)

Area Scan (121x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.03 W/kg

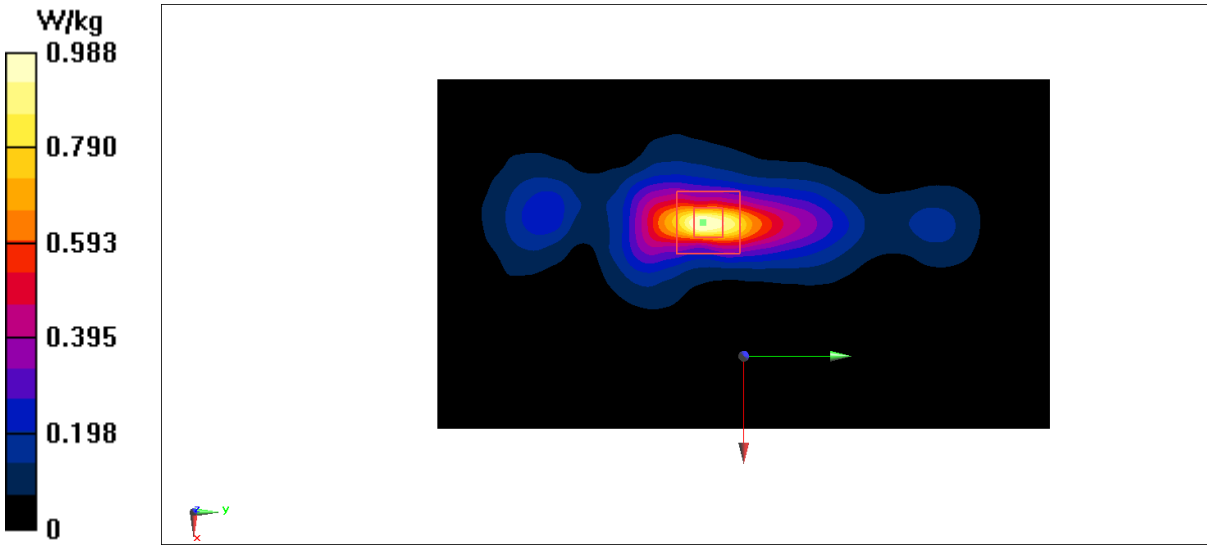
Zoom Scan (8x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.964 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 1.51 W/kg

SAR(1 g) = 0.507 W/kg; SAR(10 g) = 0.187 W/kg

Maximum value of SAR (measured) = 0.988 W/kg



N78-H Head ANT10

Date: 2023/11/13

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 3705 MHz; σ = 3.211 S/m; ε_r = 38.311; ρ = 1000 kg/m3

Ambient Temperature:23.3°C Liquid Temperature: 22.5°C

Communication System: UID 0, 5G NR (0) Frequency: 3705 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7517 ConvF(6.74, 6.21, 6.39)

Area Scan (121x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 1.65 W/kg

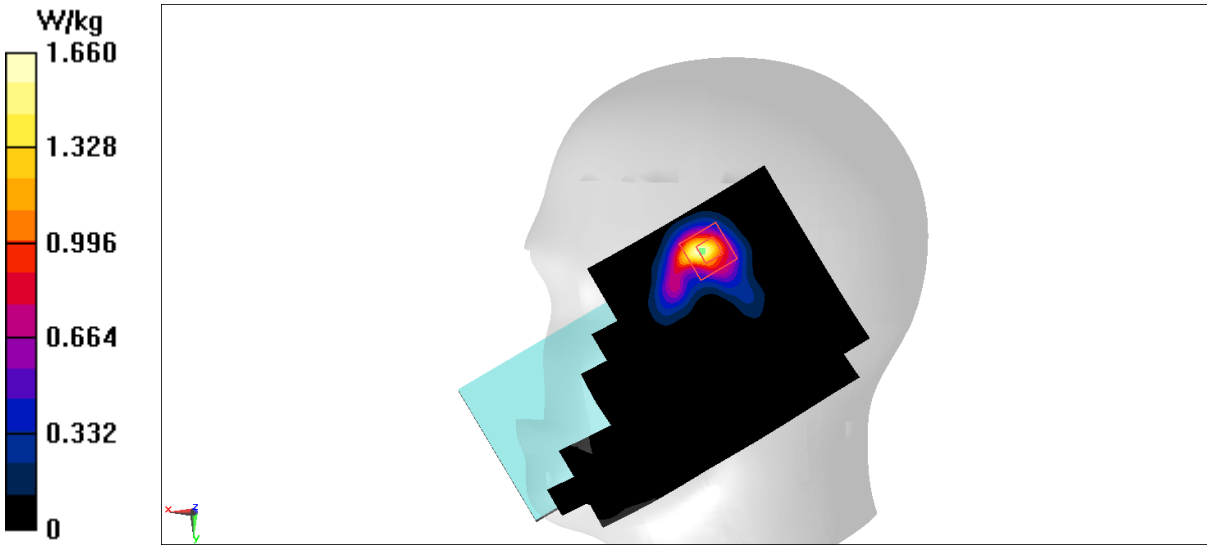
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 7.270 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.39 W/kg

SAR(1 g) = 0.838 W/kg; SAR(10 g) = 0.306 W/kg

Maximum value of SAR (measured) = 1.66 W/kg



N78-H Body 10mm ANT10

Date: 2023/11/13

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 3705 MHz; σ = 3.211 S/m; ε_r = 38.311; ρ = 1000 kg/m3

Ambient Temperature:23.3°C Liquid Temperature: 22.5°C

Communication System: UID 0, 5G NR (0) Frequency: 3705 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7517 ConvF(6.74, 6.21, 6.39)

Area Scan (121x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

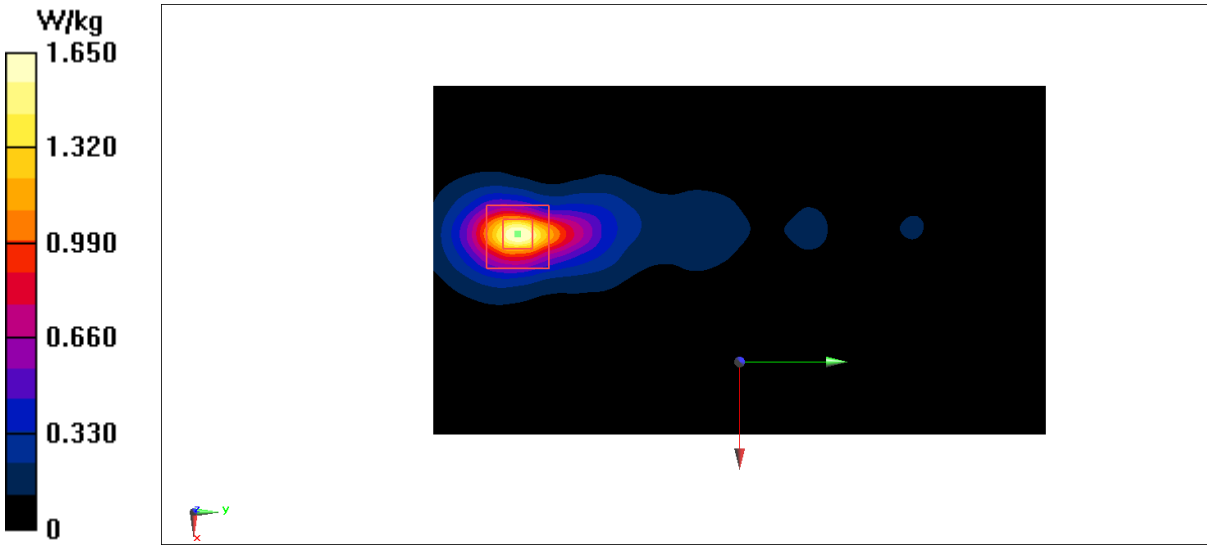
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.874 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 2.32 W/kg

SAR(1 g) = 0.838 W/kg; SAR(10 g) = 0.313 W/kg

Maximum value of SAR (measured) = 1.65 W/kg



N78-H Head ANT12

Date: 2023/11/13

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 3705 MHz; σ = 3.211 S/m; ε_r = 38.311; ρ = 1000 kg/m3

Ambient Temperature:23.3°C Liquid Temperature: 22.5°C

Communication System: UID 0, 5G NR (0) Frequency: 3705 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7517 ConvF(6.74, 6.21, 6.39)

Area Scan (121x181x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

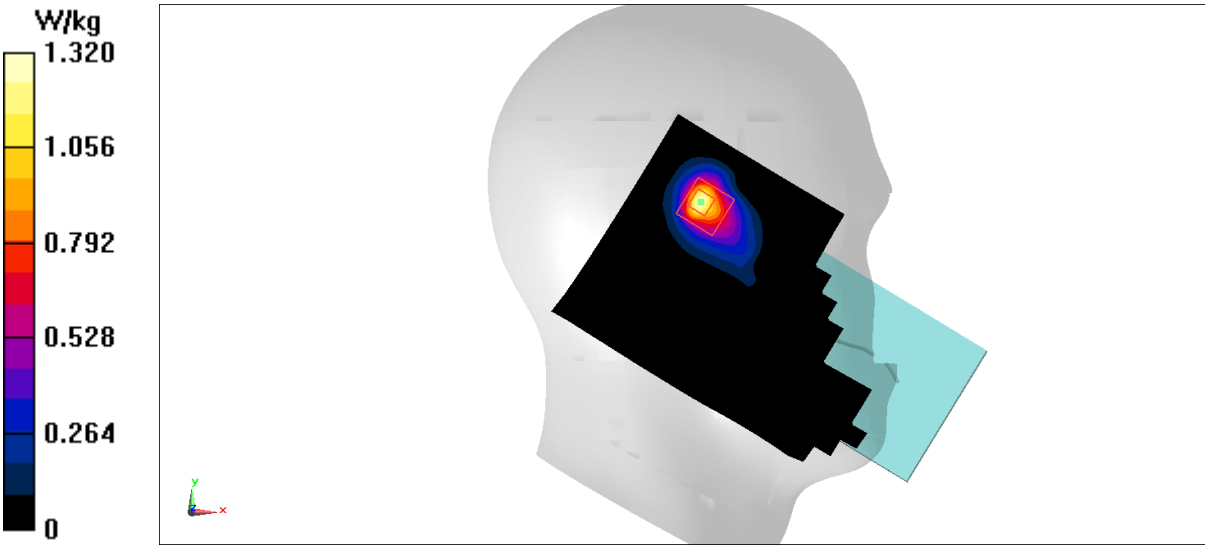
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 3.084 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.66 W/kg

SAR(1 g) = 0.632 W/kg; SAR(10 g) = 0.255 W/kg

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



N78-H Body 10mm ANT12

Date: 2023/11/13

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 3750 MHz; σ = 3.259 S/m; ε_r = 38.212; ρ = 1000 kg/m3

Ambient Temperature:23.3°C Liquid Temperature: 22.5°C

Communication System: UID 0, 5G NR (0) Frequency: 3750 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7517 ConvF(6.74, 6.21, 6.39)

Area Scan (121x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.784 W/kg

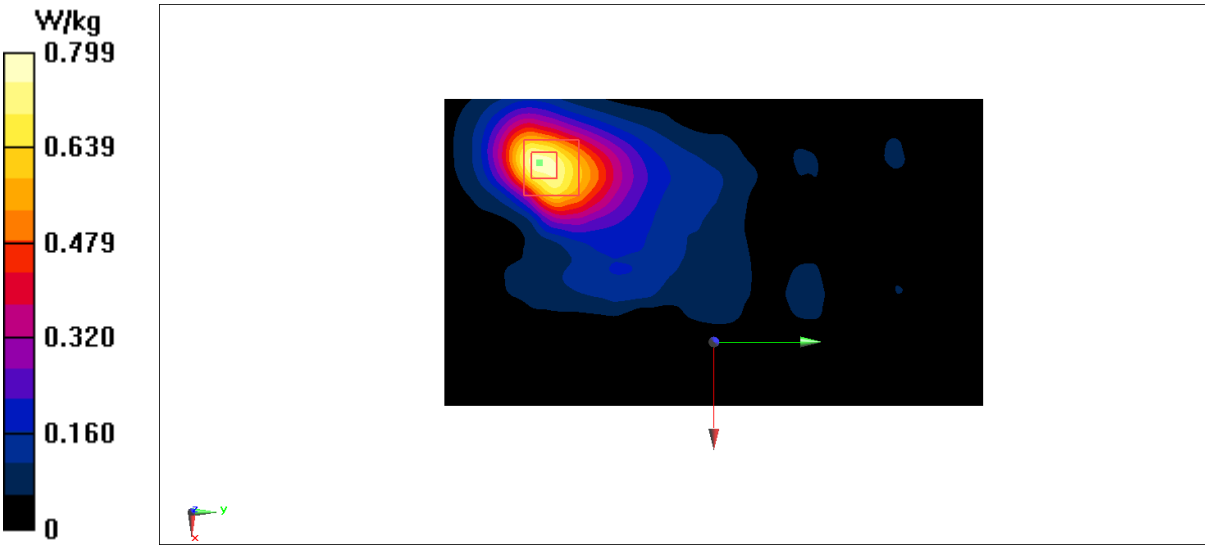
Zoom Scan (8x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 6.192 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 1.12 W/kg

SAR(1 g) = 0.432 W/kg; SAR(10 g) = 0.196 W/kg

Maximum value of SAR (measured) = 0.799 W/kg



WIFI2.4G Head ANT12

Date: 2023/10/25

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used (interpolated): f = 2462 MHz; σ = 1.876 S/m; ε_r = 39.967; ρ = 1000 kg/m3

Ambient Temperature:23.3°C Liquid Temperature: 22.5°C

Communication System: wifi 2450 (0) Frequency: 2462 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7517 ConvF(7.75, 7.16, 7.37)

Area Scan (51x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

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

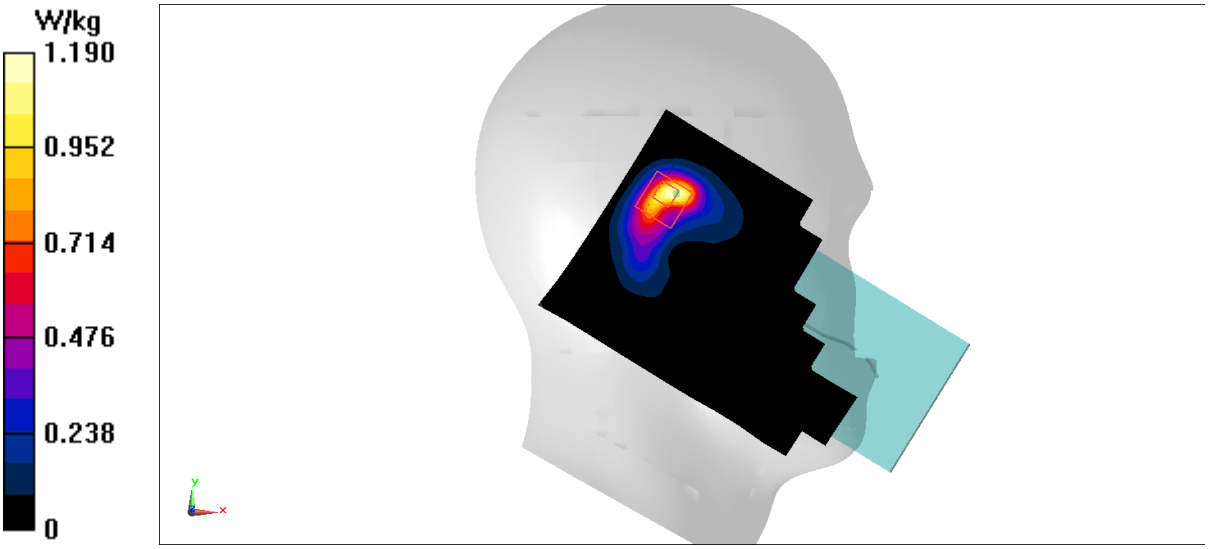
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 15.33 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 1.58 W/kg

SAR(1 g) = 0.681 W/kg; SAR(10 g) = 0.311 W/kg

Maximum value of SAR (measured) = 1.10 W/kg



WIFI2.4G Body 10mm ANT12

Date: 2023/10/25

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used (interpolated): f = 2462 MHz; σ = 1.876 S/m; ε_r = 39.967; ρ = 1000 kg/m3

Ambient Temperature:23.3°C Liquid Temperature: 22.5°C

Communication System: wifi 2450 (0) Frequency: 2462 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7517 ConvF(7.75, 7.16, 7.37)

Area Scan (51x121x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.351 W/kg

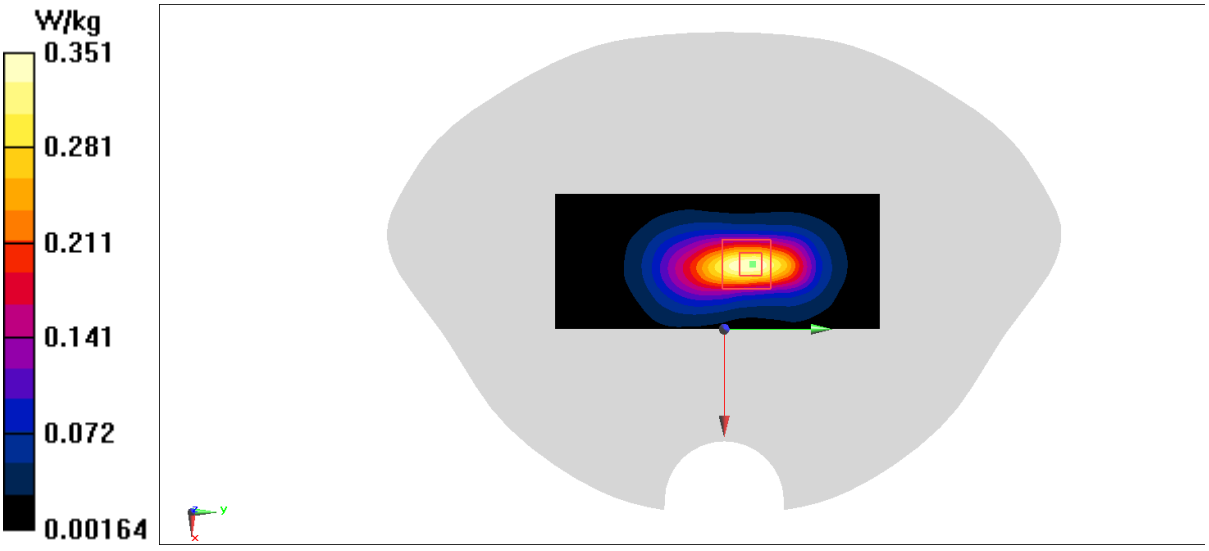
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 13.10 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.435 W/kg

SAR(1 g) = 0.222 W/kg; SAR(10 g) = 0.107 W/kg

Maximum value of SAR (measured) = 0.357 W/kg



WIFI2.4G Head ANT7

Date: 2023/10/24

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used (interpolated): f = 2412 MHz; σ = 1.842 S/m; ε_r = 40.272; ρ = 1000 kg/m3

Ambient Temperature:23.3°C Liquid Temperature: 22.5°C

Communication System: wifi 2450 (0) Frequency: 2412 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7517 ConvF(7.75, 7.16, 7.37)

Area Scan (101x171x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.593 W/kg

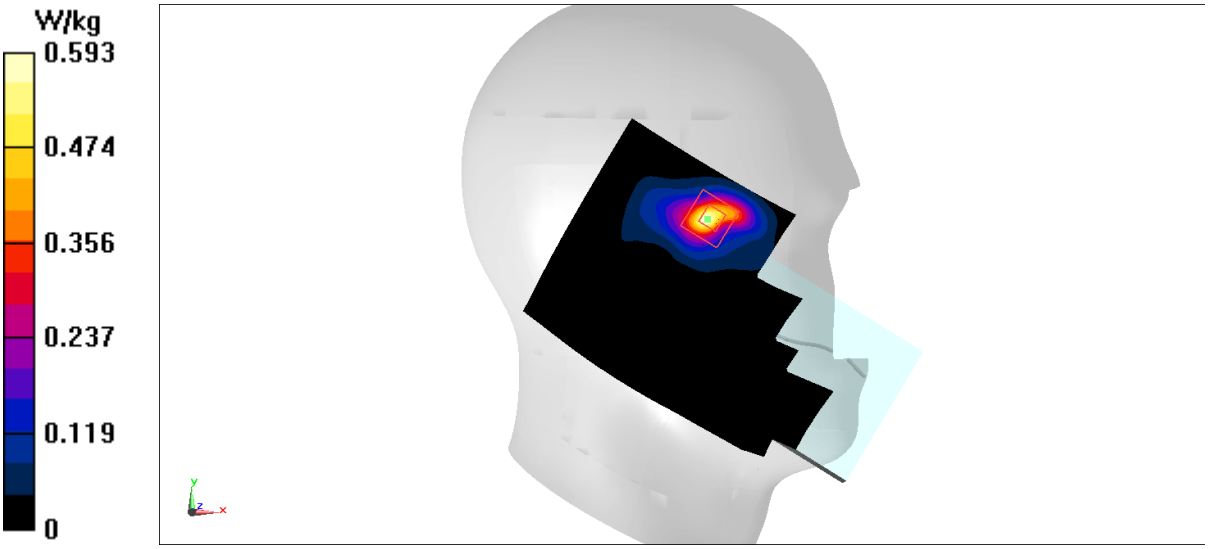
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 4.362 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.840 W/kg

SAR(1 g) = 0.368 W/kg; SAR(10 g) = 0.160 W/kg

Maximum value of SAR (measured) = 0.636 W/kg



WIFI2.4G Body 10mm ANT7

Date: 2023/10/24

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used (interpolated): f = 2412 MHz; σ = 1.842 S/m; ε_r = 40.272; ρ = 1000 kg/m3

Ambient Temperature:23.3°C Liquid Temperature: 22.5°C

Communication System: wifi 2450 (0) Frequency: 2412 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7517 ConvF(7.75, 7.16, 7.37)

Area Scan (51x171x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.327 W/kg

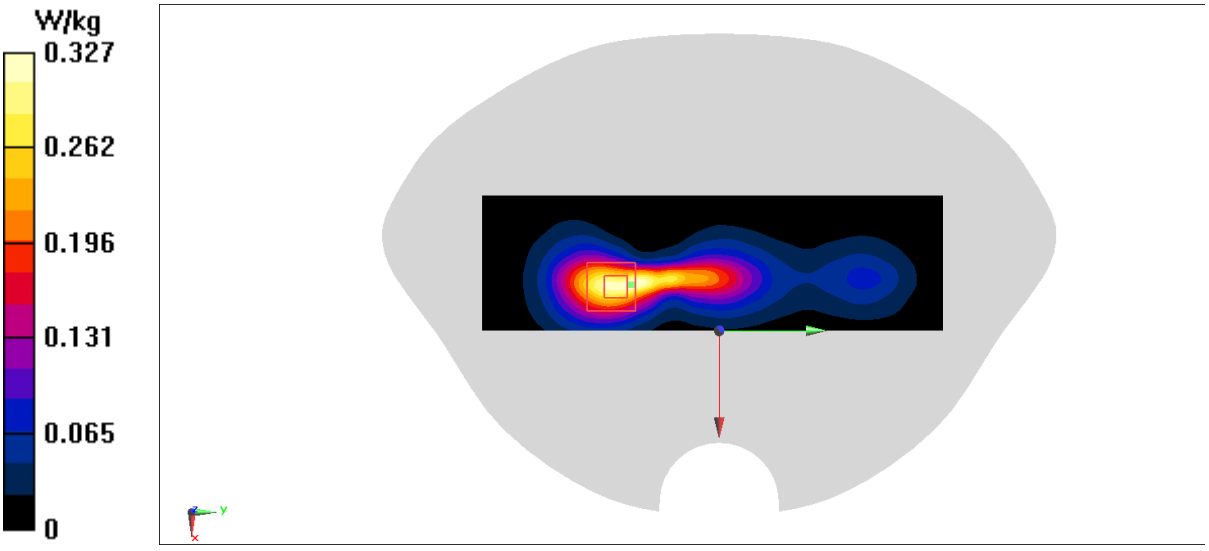
Zoom Scan (7x9x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 10.78 V/m; Power Drift = -0.17 dB

Peak SAR (extrapolated) = 0.387 W/kg

SAR(1 g) = 0.193 W/kg; SAR(10 g) = 0.096 W/kg

Maximum value of SAR (measured) = 0.313 W/kg



WIFI2.4G Head MIMO

Date: 2023/11/14

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used (interpolated): f = 2412 MHz; σ = 1.821 S/m; ε_r = 39.814; ρ = 1000 kg/m3

Ambient Temperature:23.3°C Liquid Temperature: 22.5°C

Communication System: UID 0, wifi 2450 (0) Frequency: 2412 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7517 ConvF(7.75, 7.16, 7.37)

Area Scan (101x171x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 1.04 W/kg

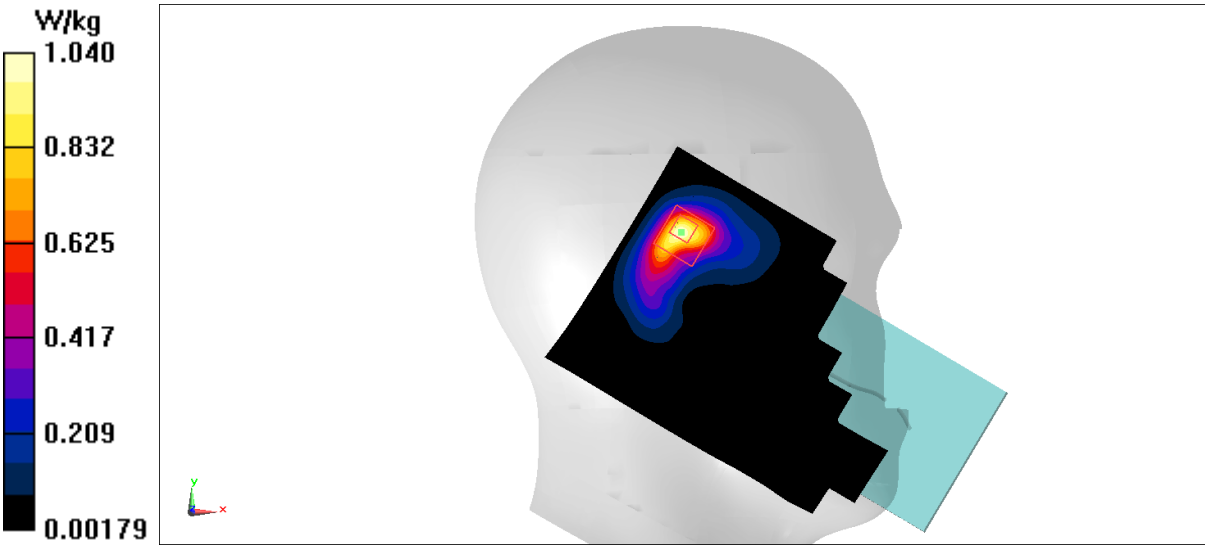
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 14.26 V/m; Power Drift = -0.07 dB

Peak SAR (extrapolated) = 1.46 W/kg

SAR(1 g) = 0.599 W/kg; SAR(10 g) = 0.276 W/kg

Maximum value of SAR (measured) = 1.04 W/kg



WIFI2.4G Body 10mm MIMO

Date: 2023/11/14

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used (interpolated): f = 2412 MHz; σ = 1.821 S/m; ε_r = 39.814; ρ = 1000 kg/m3

Ambient Temperature:23.3°C Liquid Temperature: 22.5°C

Communication System: UID 0, wifi 2450 (0) Frequency: 2412 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7517 ConvF(7.75, 7.16, 7.37)

Area Scan (101x171x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.338 W/kg

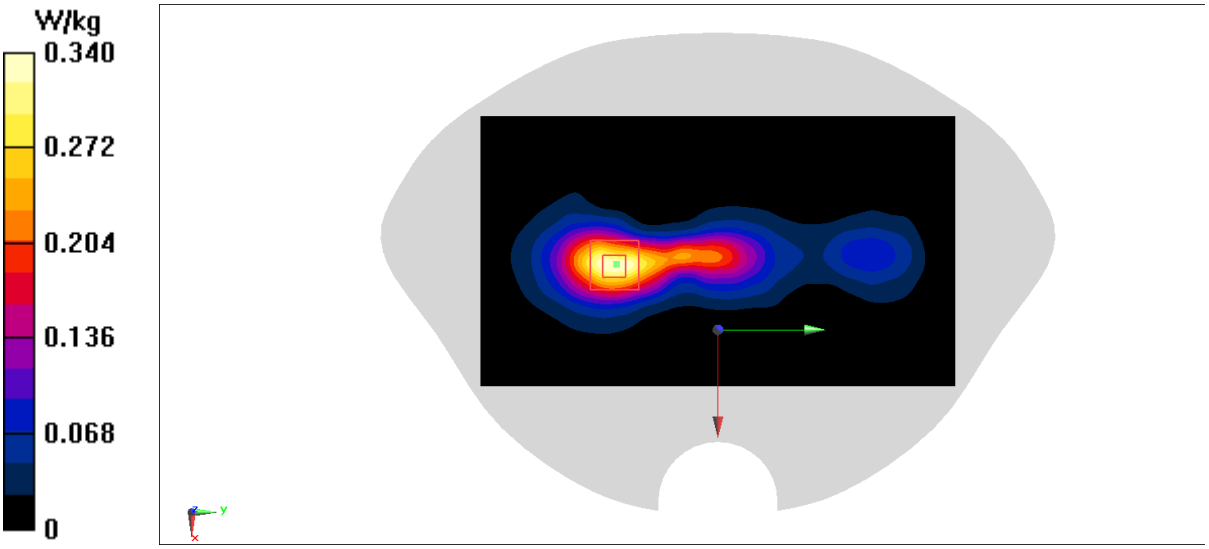
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 9.682 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 0.410 W/kg

SAR(1 g) = 0.217 W/kg; SAR(10 g) = 0.112 W/kg

Maximum value of SAR (measured) = 0.340 W/kg



WIFI5G Head ANT9

Date: 2023/10/26

Electronics: DAE4 Sn1556

Medium: H700-6000M

Medium parameters used: f = 5775 MHz; σ = 5.399 S/m; ε_r = 35.339; ρ = 1000 kg/m3

Ambient Temperature:23.3°C Liquid Temperature: 22.5°C

Communication System: UID 0, WLan 11a (0) Frequency: 5775 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(4.92, 4.92, 4.92)

Area Scan (121x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

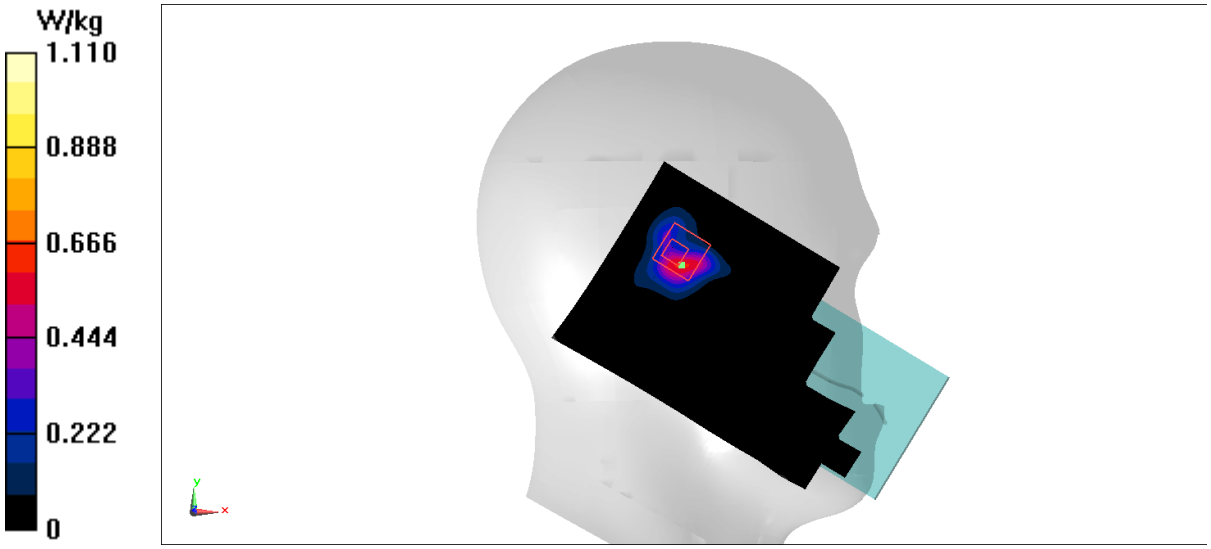
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 1.698 V/m; Power Drift = -0.13 dB

Peak SAR (extrapolated) = 2.62 W/kg

SAR(1 g) = 0.450 W/kg; SAR(10 g) = 0.147 W/kg

Maximum value of SAR (measured) = 1.11 W/kg



WIFI5G Body 10mm ANT9

Date: 2023/10/26

Electronics: DAE4 Sn1556

Medium: H700-6000M

Medium parameters used: f = 5775 MHz; σ = 5.399 S/m; ε_r = 35.339; ρ = 1000 kg/m3

Ambient Temperature:23.3°C Liquid Temperature: 22.5°C

Communication System: UID 0, WLan 11a (0) Frequency: 5775 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(4.92, 4.92, 4.92)

Area Scan (121x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.575 W/kg

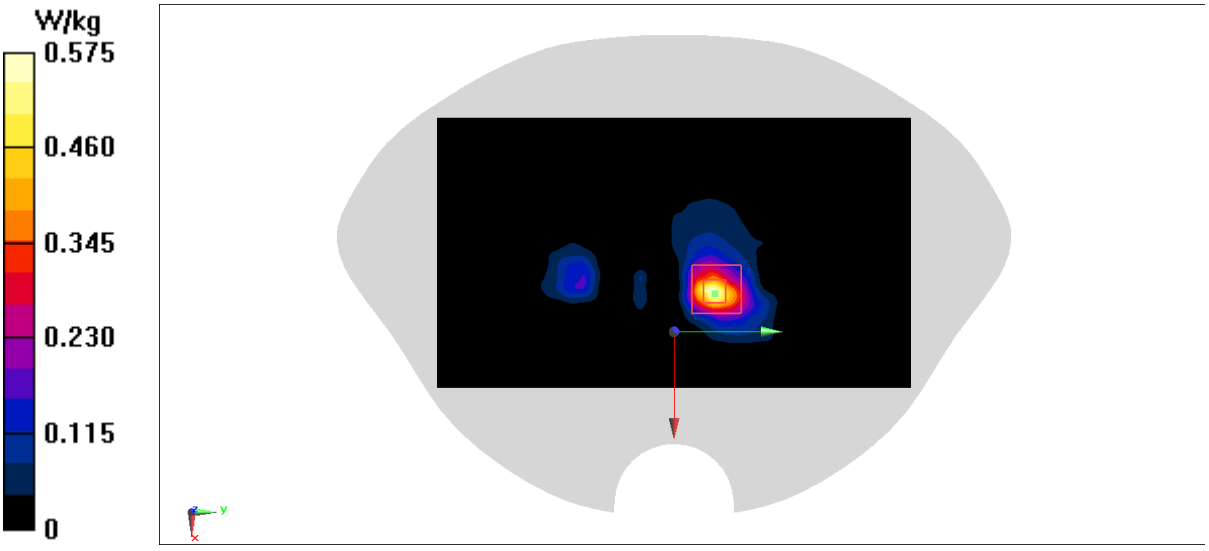
Zoom Scan (9x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.924 V/m; Power Drift = -0.08 dB

Peak SAR (extrapolated) = 0.853 W/kg

SAR(1 g) = 0.203 W/kg; SAR(10 g) = 0.067 W/kg

Maximum value of SAR (measured) = 0.513 W/kg



WIFI5G Head ANT15

Date: 2023/10/27

Electronics: DAE4 Sn1556

Medium: H700-6000M

Medium parameters used: f = 5190 MHz; σ = 4.803 S/m; ε_r = 35.49; ρ = 1000 kg/m3

Ambient Temperature:23.3°C Liquid Temperature: 22.5°C

Communication System: WLan 11a (0) Frequency: 5190 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(5.42, 5.42, 5.42)

Area Scan (121x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.428 W/kg

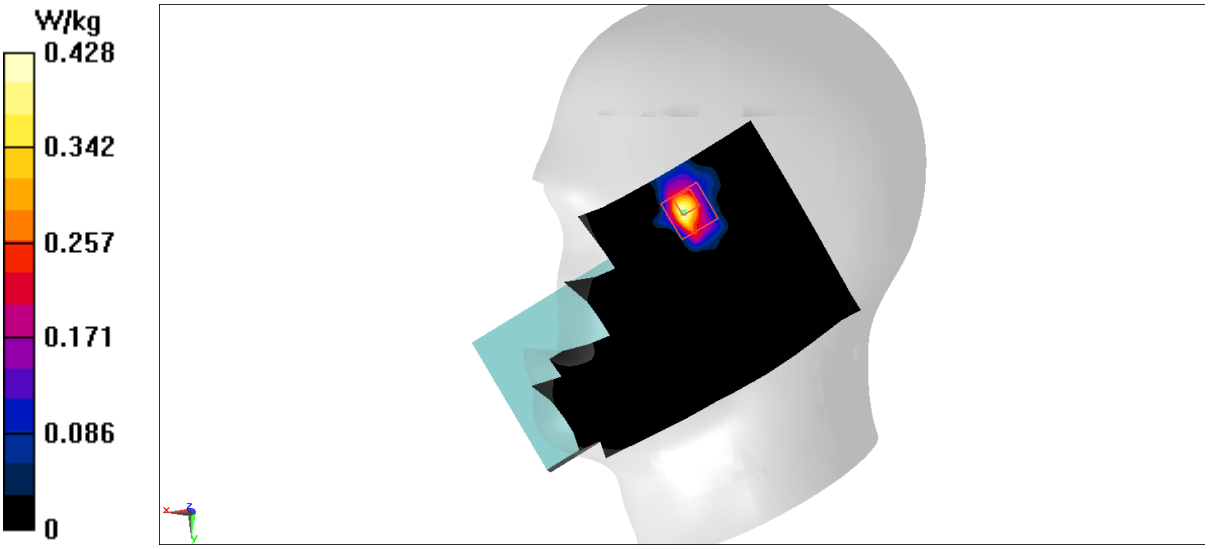
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 0 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 0.631 W/kg

SAR(1 g) = 0.143 W/kg; SAR(10 g) = 0.042 W/kg

Maximum value of SAR (measured) = 0.407 W/kg



WIFI5G Body 10mm ANT15

Date: 2023/10/27

Electronics: DAE4 Sn1556

Medium: H700-6000M

Medium parameters used: f = 5775 MHz; σ = 5.481 S/m; ε_r = 34.31; ρ = 1000 kg/m3

Ambient Temperature:23.3°C Liquid Temperature: 22.5°C

Communication System: UID 0, WLan 11a (0) Frequency: 5775 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7464 ConvF(4.92, 4.92, 4.92)

Area Scan (121x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.666 W/kg

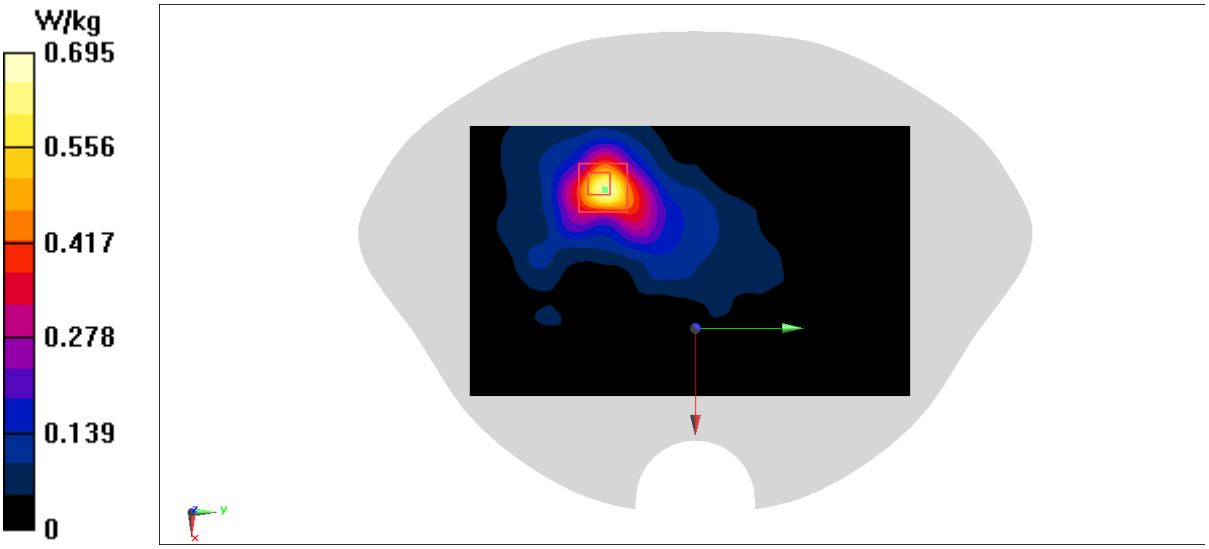
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 2.644 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 1.02 W/kg

SAR(1 g) = 0.297 W/kg; SAR(10 g) = 0.106 W/kg

Maximum value of SAR (measured) = 0.695 W/kg



WIFI5G Head MIMO

Date: 2023/11/16

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 5775 MHz; σ = 5.459 S/m; ε_r = 36.026; ρ = 1000 kg/m3

Ambient Temperature:23.3°C Liquid Temperature: 22.5°C

Communication System: UID 0, WIFI 5G (0) Frequency: 5775 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7517 ConvF(5.16, 4.72, 4.83)

Area Scan (121x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

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

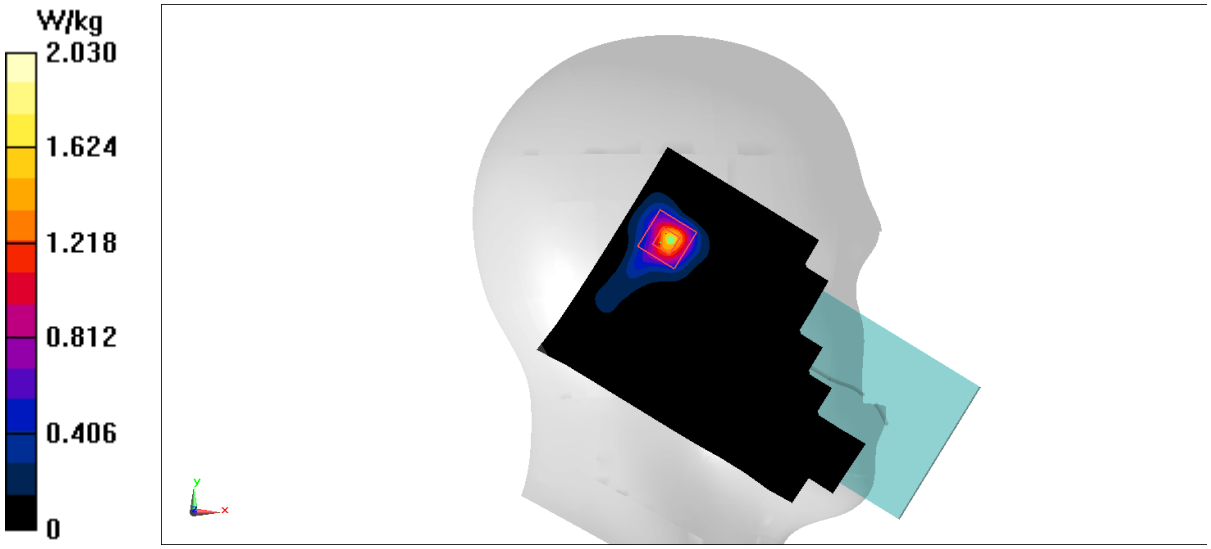
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 4.906 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 3.33 W/kg

SAR(1 g) = 0.782 W/kg; SAR(10 g) = 0.216 W/kg

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



WIFI5G Body 10mm MIMO

Date: 2023/11/16

Electronics: DAE4 Sn1331

Medium: H700-6000M

Medium parameters used: f = 5775 MHz; σ = 5.459 S/m; ε_r = 36.026; ρ = 1000 kg/m3

Ambient Temperature:23.3°C Liquid Temperature: 22.5°C

Communication System: UID 0, WIFI 5G (0) Frequency: 5775 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7517 ConvF(5.16, 4.72, 4.83)

Area Scan (121x211x1): Interpolated grid: dx=1.000 mm, dy=1.000 mm

Maximum value of SAR (interpolated) = 0.674 W/kg

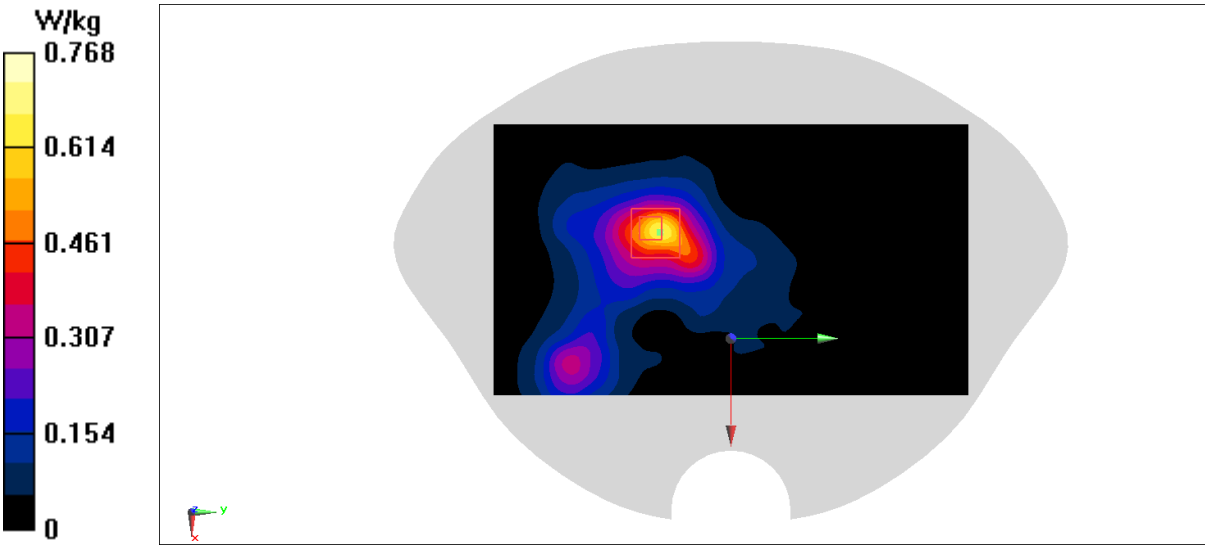
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 5.524 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 2.17 W/kg

SAR(1 g) = 0.331 W/kg; SAR(10 g) = 0.112 W/kg

Maximum value of SAR (measured) = 0.768 W/kg



WIFI6E Head ANT9

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	170.0 x 80.0 x 10.0		Phone

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
LeftHead, -	CHEEK, 0.00	Custom Band	CW, 10743-AAC	6025.000, 6025000	5.15	5.61	34.57

Hardware Setup

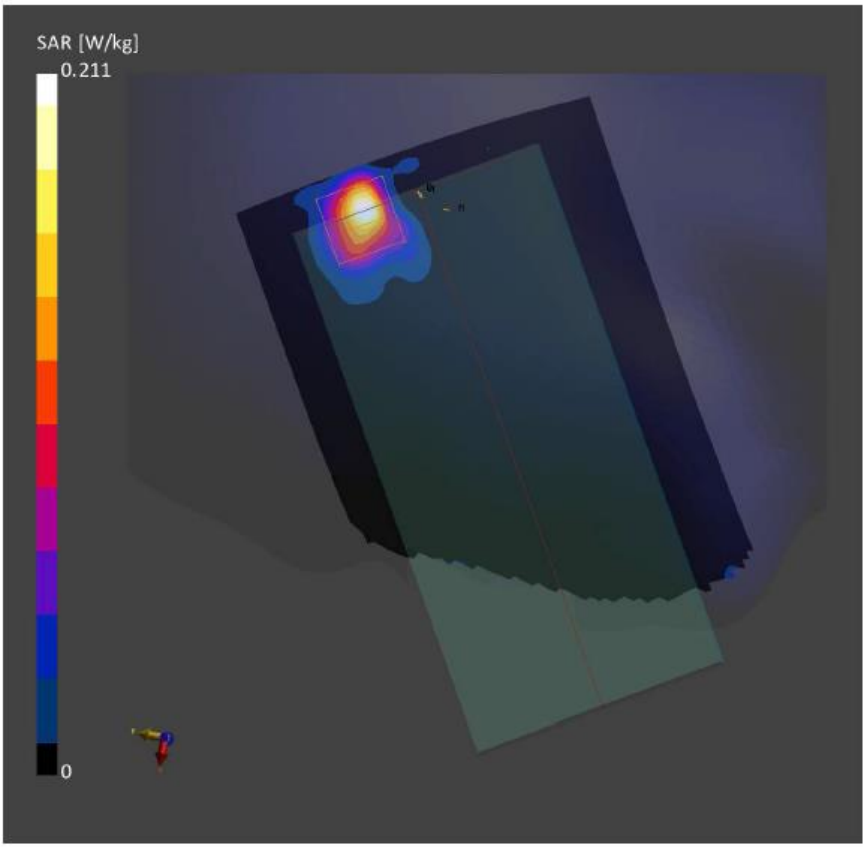
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V4.0 (30deg probe tilt) - 1456	H650-7000M	EX3DV4 - SN3846, 2023-05-31	DAE4 Sn1331, 2023-09-14

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	119.0 x 204.0	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
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	Y	Y
Surface Detection	VMS + 6p	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2023-10-28, 14:22	2023-10-28, 14:40
psSAR1g [W/Kg]	0.198	0.237
psSAR10g [W/Kg]	0.058	0.066
Power Drift [dB]	0.17	0.12
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		52.3
Dist 3dB Peak [mm]		5.8



WIFI6E Body 10mm ANT9

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	N/A x N/A x N/A		Phone

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, -	FRONT, 5.00	Custom Band	CW, 10743-AAC	6025.000, 6025000	5.15	5.61	34.57

Hardware Setup

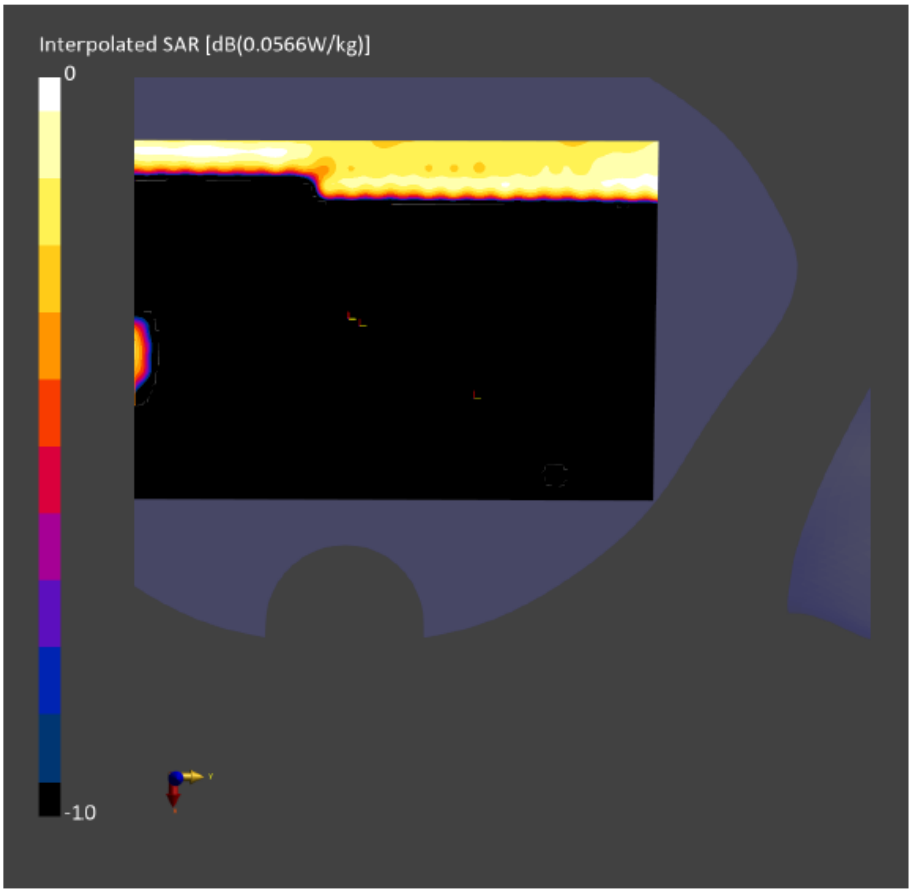
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V4.0 (30deg probe tilt) - 1456	H650-7000M	EX3DV4 - SN3846, 2023-05-31	DAE4 Sn1331, 2023-09-14

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	119.0 x 204.0	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
Graded Grid	N/A	Yes
Grading Ratio	N/A	1.4
MAIA	Y	Y
Surface Detection	Unknown method	VMS + 6p
Scan Method	Measured	Measured

Measurement Results

	Area Scan	Zoom Scan
Date	2023-10-28, 09:59	2023-10-28, 10:09
psSAR1g [W/Kg]	0.047	0.050
psSAR10g [W/Kg]	0.017	0.018
Power Drift [dB]	-0.12	0.09
Power Scaling	Disabled	Disabled
Scaling Factor [dB]		
TSL Correction	No correction	No correction
M2/M1 [%]		61.2
Dist 3dB Peak [mm]		8.9



WIFI6E Body 10mm ANT15

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	N/A x N/A x N/A		Phone

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, -	FRONT, 5.00	U-NII-5	WLAN, 10456-AAD	6025.000, 15	5.15	5.61	34.57

Hardware Setup

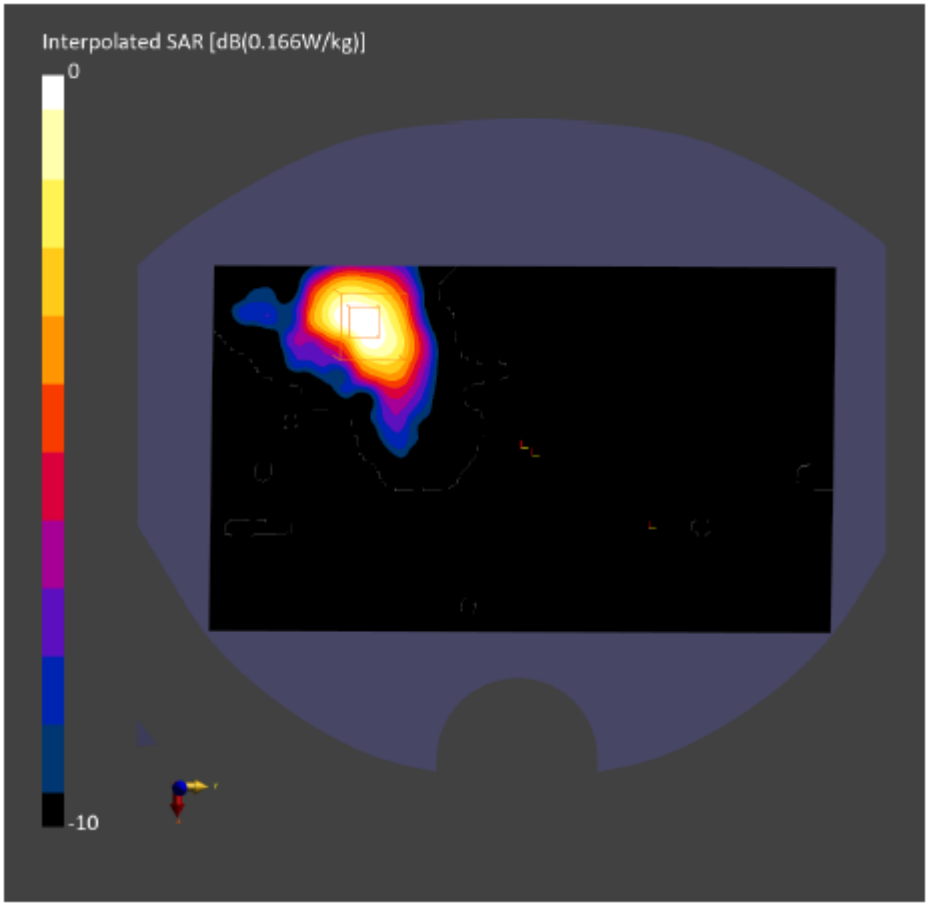
Phantom	TSL, Measured Date	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM V4.0 (30deg probe tilt) - 1456	H650-7000M	EX3DV4 - SN3846, 2023-05-31	DAE4 Sn1331, 2023-09-14

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	119.0 x 204.0	x x
Grid Steps [mm]	8.5 x 8.5	x x
Sensor Surface [mm]	3.0	
Graded Grid	N/A	
Grading Ratio	N/A	
MAIA	Y	
Surface Detection	Unknown method	
Scan Method	Measured	

Measurement Results

	Area Scan	Zoom Scan
Date	2023-10-28, 17:19	
psSAR1g [W/Kg]	0.125	
psSAR10g [W/Kg]	0.047	
Power Drift [dB]	0.16	
Power Scaling	Disabled	
Scaling Factor [dB]		
TSL Correction	No correction	
M2/M1 [%]		
Dist 3dB Peak [mm]		



BT Head ANT12

Date: 2023/11/10

Electronics: DAE4 Sn1525

Medium: H700-6000M

Medium parameters used (interpolated): f = 2441 MHz; σ = 1.835 S/m; ε_r = 39.508; ρ = 1000 kg/m3

Ambient Temperature:23.3°C Liquid Temperature: 22.5°C

Communication System: UID 0, Bluetooth (0) Frequency: 2441 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7673 ConvF(7.65, 7.65, 7.65)

Area Scan (101x171x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.249 W/kg

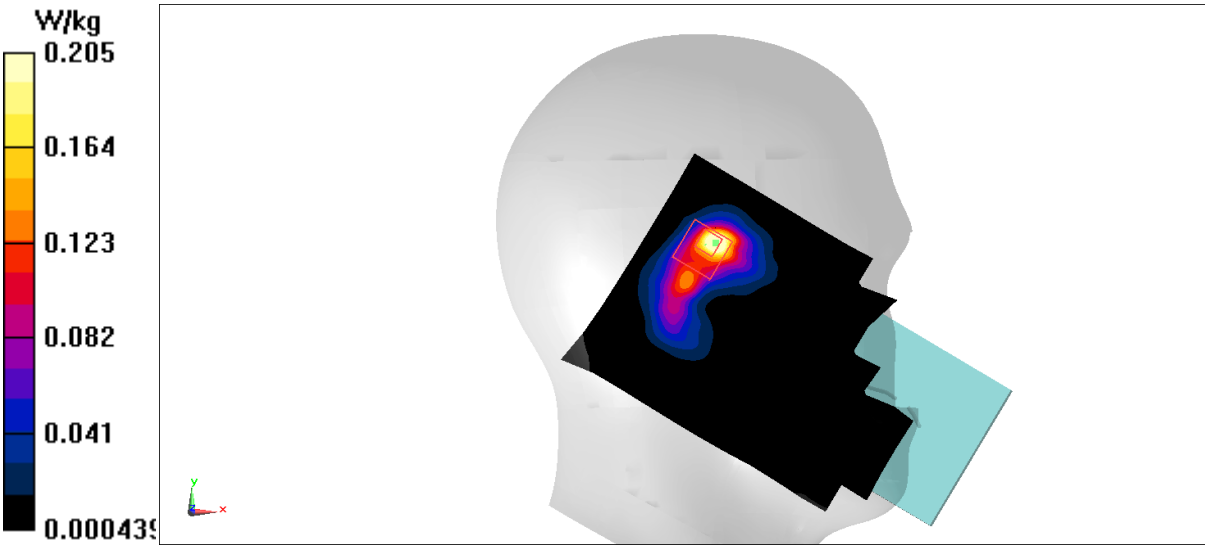
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.844 V/m; Power Drift = -0.04 dB

Peak SAR (extrapolated) = 0.277 W/kg

SAR(1 g) = 0.117 W/kg; SAR(10 g) = 0.053 W/kg

Maximum value of SAR (measured) = 0.205 W/kg



BT Body 10mm ANT12

Date: 2023/11/10

Electronics: DAE4 Sn1525

Medium: H700-6000M

Medium parameters used: f = 2480 MHz; σ = 1.87 S/m; ε_r = 39.432; ρ = 1000 kg/m3

Ambient Temperature:23.3°C Liquid Temperature: 22.5°C

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

Probe: EX3DV4 - SN7673 ConvF(7.65, 7.65, 7.65)

Area Scan (101x171x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.132 W/kg

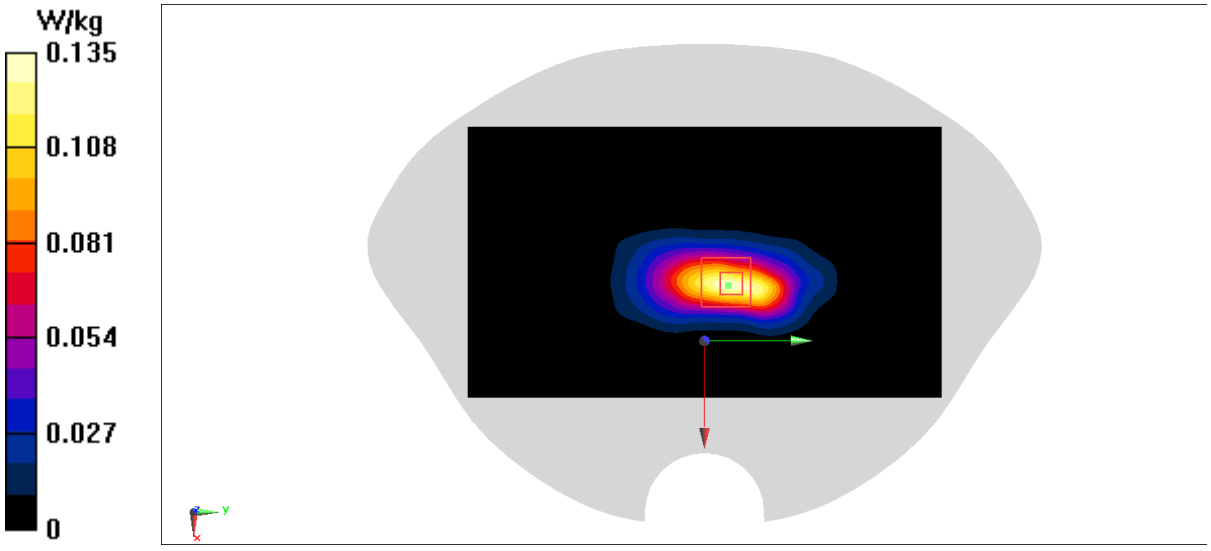
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 8.185 V/m; Power Drift = 0.19 dB

Peak SAR (extrapolated) = 0.175 W/kg

SAR(1 g) = 0.088 W/kg; SAR(10 g) = 0.043 W/kg

Maximum value of SAR (measured) = 0.135 W/kg



BT Head ANT7

Date: 2023/11/10

Electronics: DAE4 Sn1525

Medium: H700-6000M

Medium parameters used (interpolated): f = 2441 MHz; σ = 1.835 S/m; ε_r = 39.508; ρ = 1000 kg/m3

Ambient Temperature:23.3°C Liquid Temperature: 22.5°C

Communication System: UID 0, Bluetooth (0) Frequency: 2441 MHz Duty Cycle: 1:1

Probe: EX3DV4 - SN7673 ConvF(7.65, 7.65, 7.65)

Area Scan (101x171x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.231 W/kg

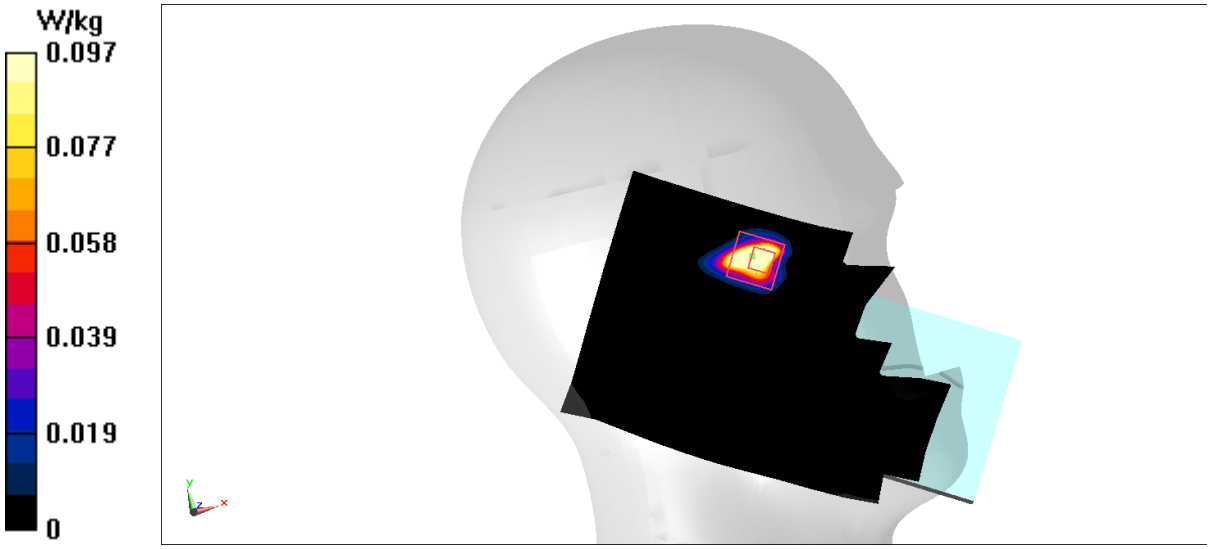
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 0 V/m; Power Drift = 0.12 dB

Peak SAR (extrapolated) = 0.161 W/kg

SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.023 W/kg

Maximum value of SAR (measured) = 0.0967 W/kg



BT Body 10mm ANT7

Date: 2023/11/10

Electronics: DAE4 Sn1525

Medium: H700-6000M

Medium parameters used: f = 2480 MHz; σ = 1.87 S/m; ε_r = 39.432; ρ = 1000 kg/m3

Ambient Temperature:23.3°C Liquid Temperature: 22.5°C

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

Probe: EX3DV4 - SN7673 ConvF(7.65, 7.65, 7.65)

Area Scan (101x171x1): Interpolated grid: dx=1.200 mm, dy=1.200 mm

Maximum value of SAR (interpolated) = 0.170 W/kg

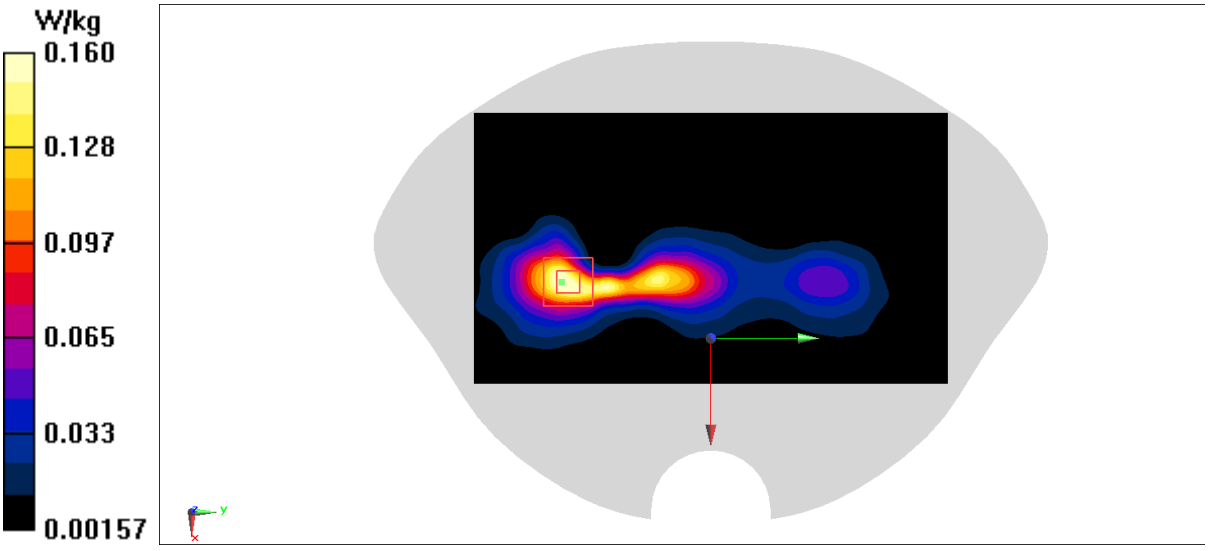
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 6.372 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.197 W/kg

SAR(1 g) = 0.103 W/kg; SAR(10 g) = 0.053 W/kg

Maximum value of SAR (measured) = 0.160 W/kg



PD ANT9

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	158.2 x 77.9 x 8.0		Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	BACK, 2.00	Custom Band	CW, 10743-AAC	6025.0, 6025000	1.0

Hardware Setup

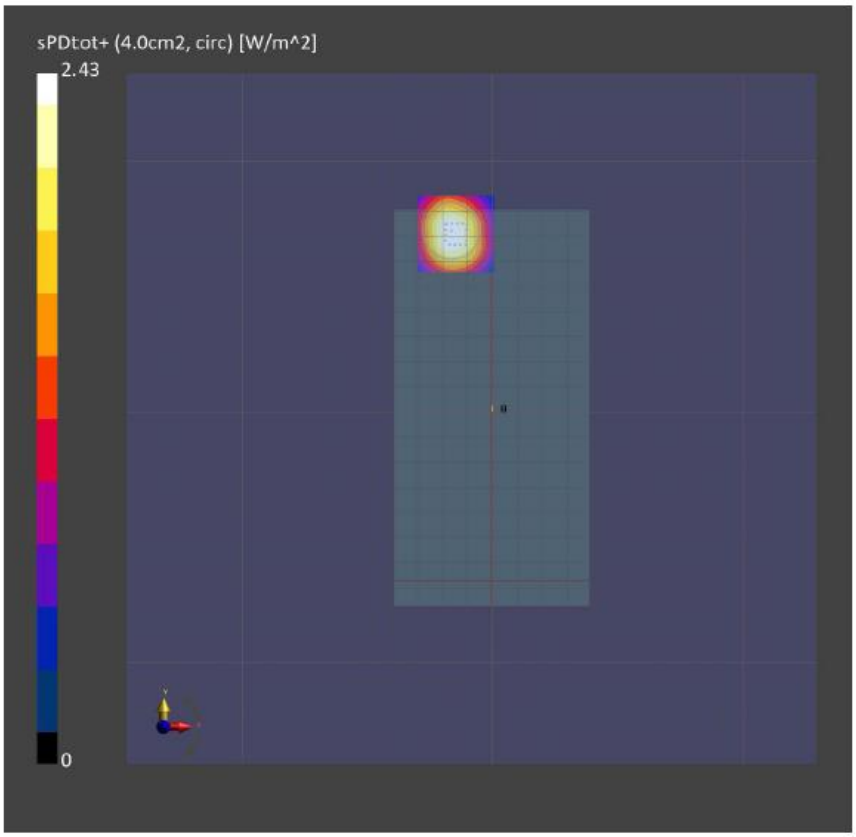
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - xxxx	Air -	EUmmWV4 - SN9492_F1-55GHz, 2023-06-19	DAE4 Sn1331, 2023-09-14

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	25.0 x 25.0
Grid Steps [lambda]	0.04102331270196222 x 0.04102331270196222
Sensor Surface [mm]	2.0
MAIA	Y

Measurement Results

Scan Type	5G Scan
Date	2023-11-19, 19:12
Avg. Area [cm2]	4.00
psPDn+ [W/m2]	2.29
psPDtot+ [W/m2]	2.43
psPDmod+ [W/m2]	2.77
E_{max} [V/m]	41.1
Power Drift [dB]	-0.08



PD ANT15

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	158.2 x 77.9 x 8.0		Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	BACK, 2.00	Custom Band	CW, 10743-AAC	6025.0, 6025000	1.0

Hardware Setup

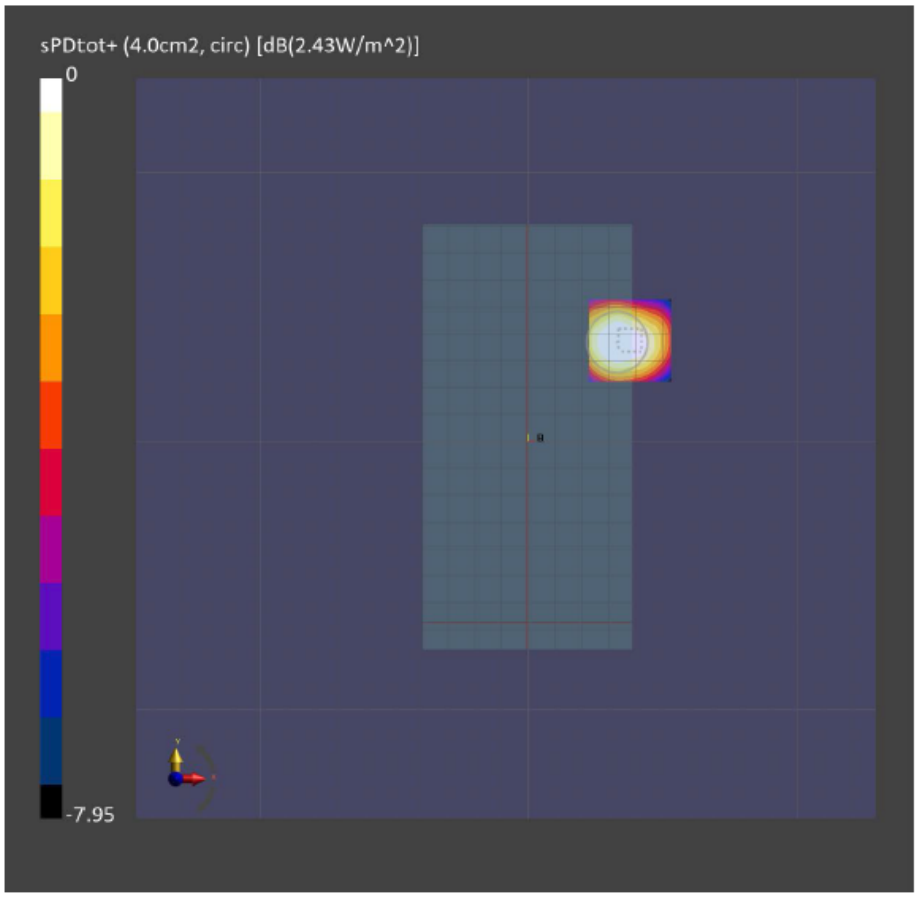
Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - xxxx	Air -	EUmmWV4 - SN9492_F1-55GHz, 2023-06-19	DAE4 Sn1331, 2023-09-14

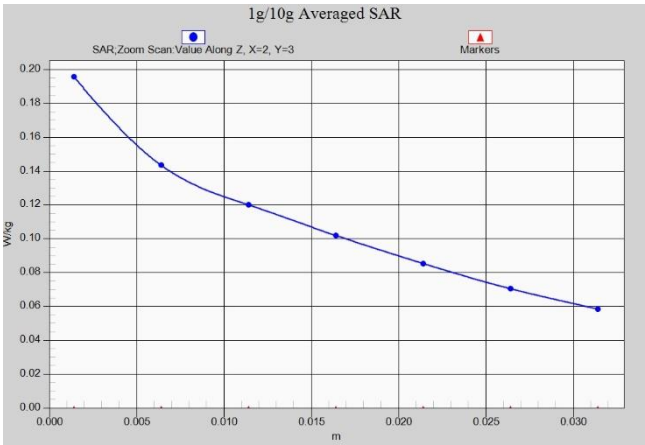
Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	25.0 x 25.0
Grid Steps [lambda]	0.04102331270196222 x 0.04102331270196222
Sensor Surface [mm]	2.0
MAIA	Y

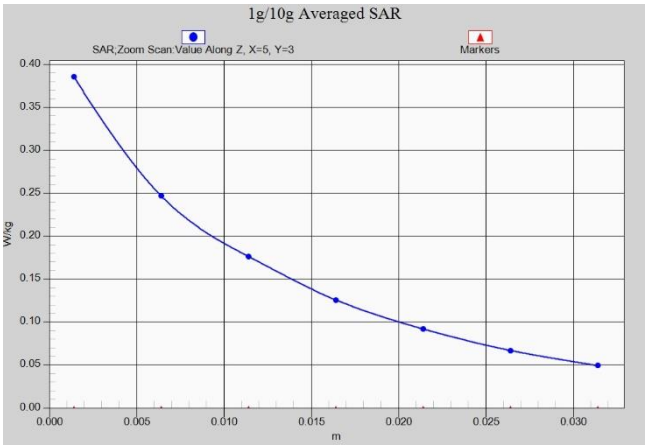
Measurement Results

Scan Type	5G Scan
Date	2023-11-19, 18:36
Avg. Area [cm2]	4.00
psPDn+ [W/m2]	2.29
psPDtot+ [W/m2]	2.80
psPDmod+ [W/m2]	3.42
E_{max} [V/m]	60.3
Power Drift [dB]	0.11

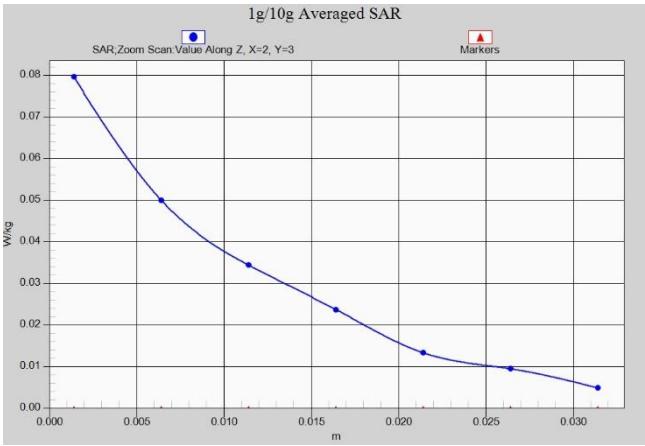




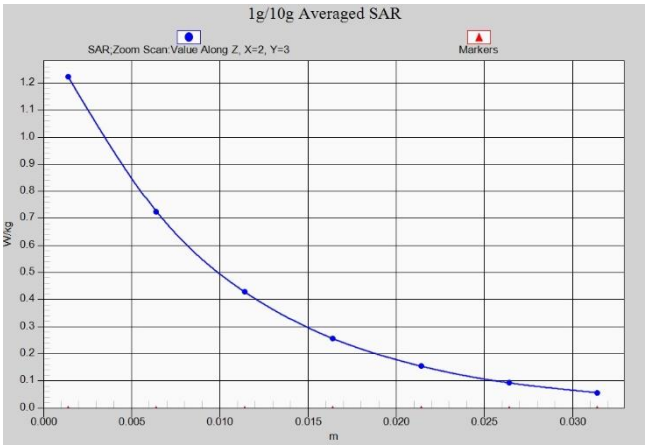
GSM850 Head ANT1



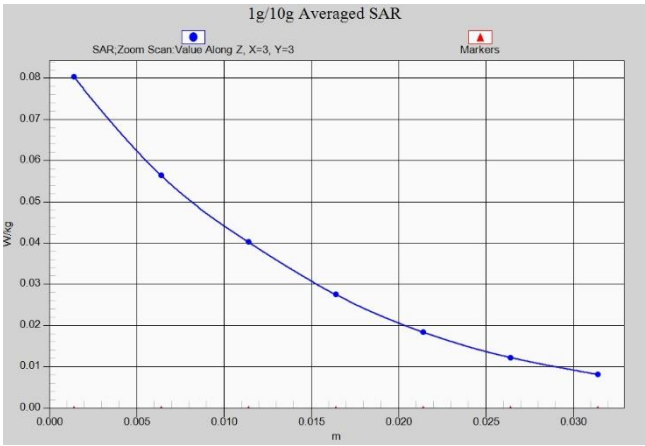
GSM850 Body 10mm ANT1



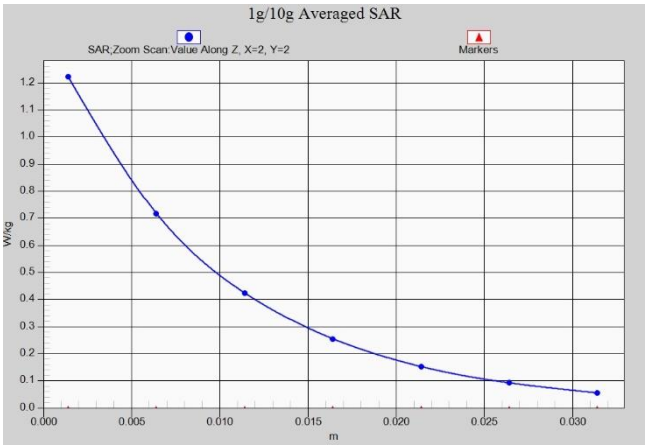
GSM1900 Head ANT5



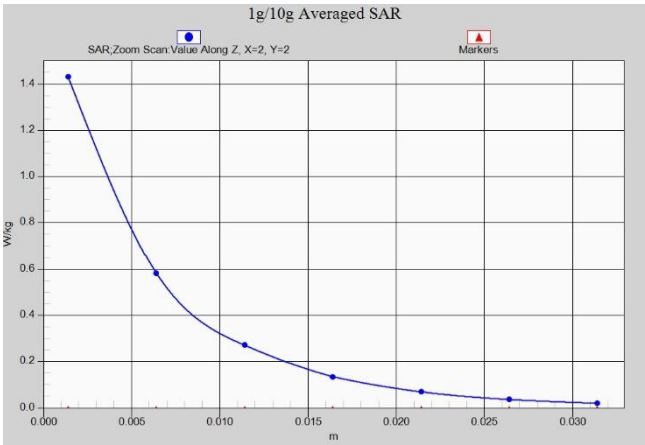
GSM1900 Body 10mm ANT5



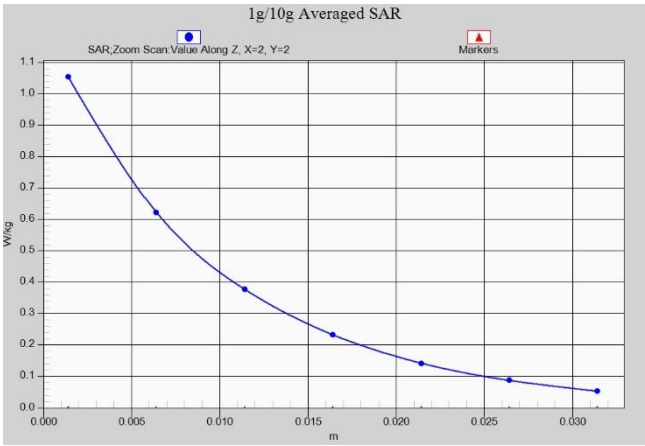
WCDMA1900 Head ANT5



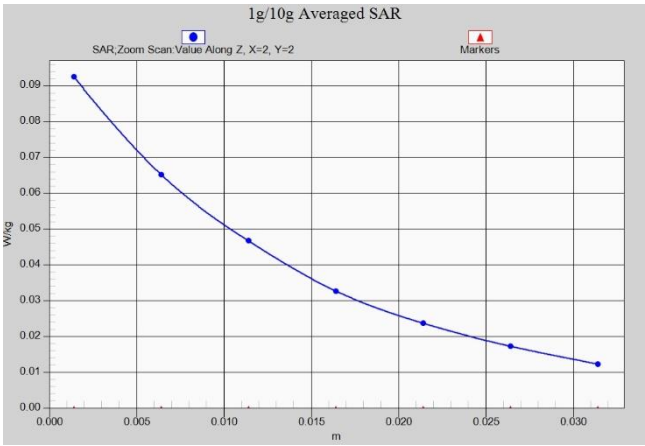
WCDMA1900 Body 10mm ANT5



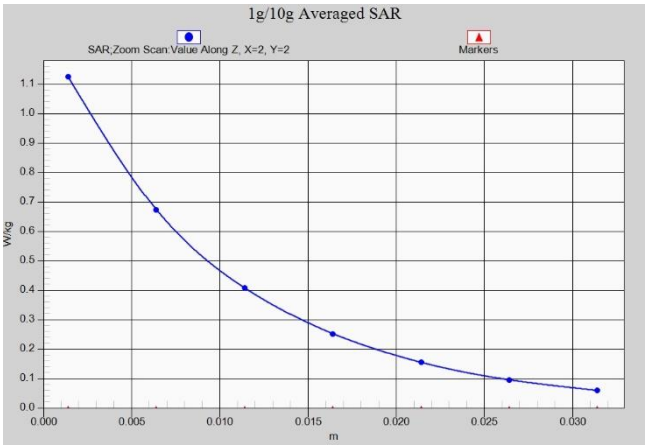
WCDMA1900 Head ANT6



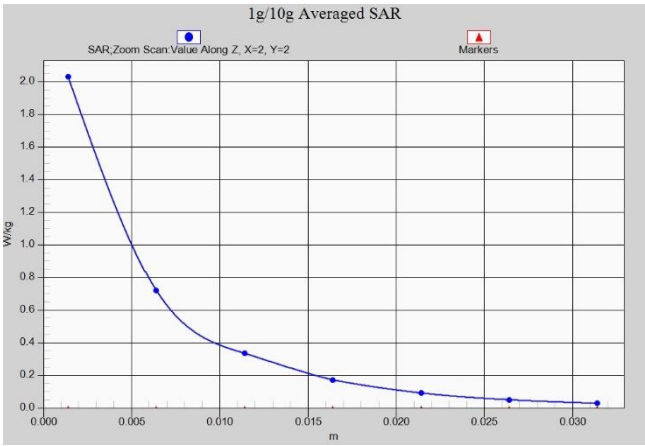
WCDMA1900 Body 10mm ANT6



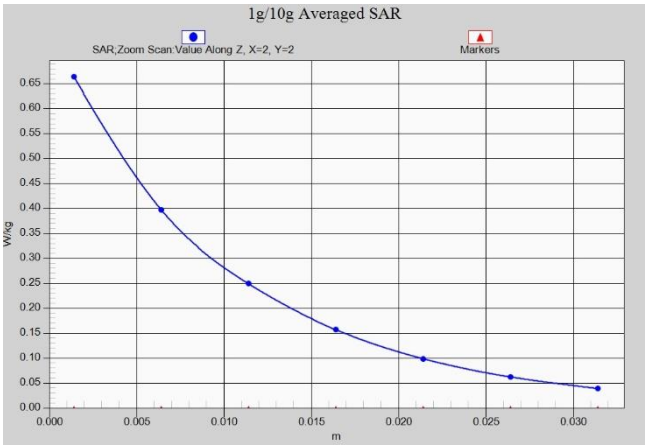
WCDMA1700 Head ANT5



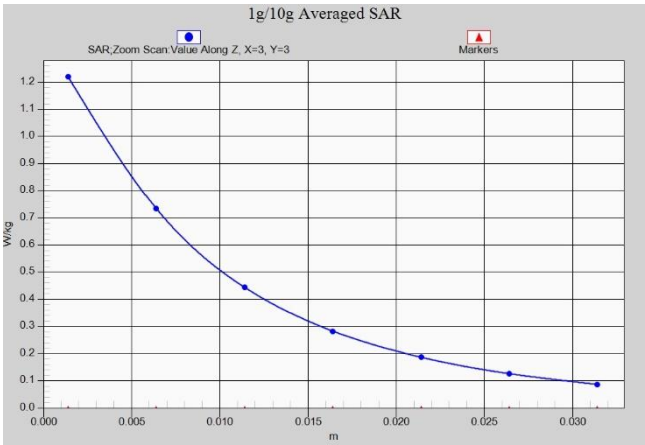
WCDMA1700 Body 10mm ANT5



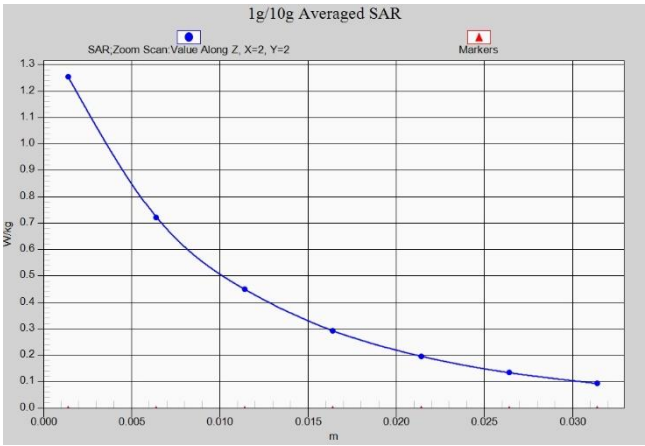
WCDMA1700 Head ANT6



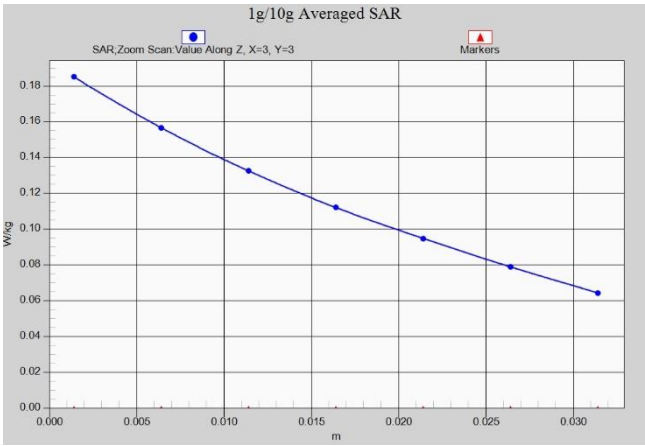
WCDMA1700 Body 10mm ANT6



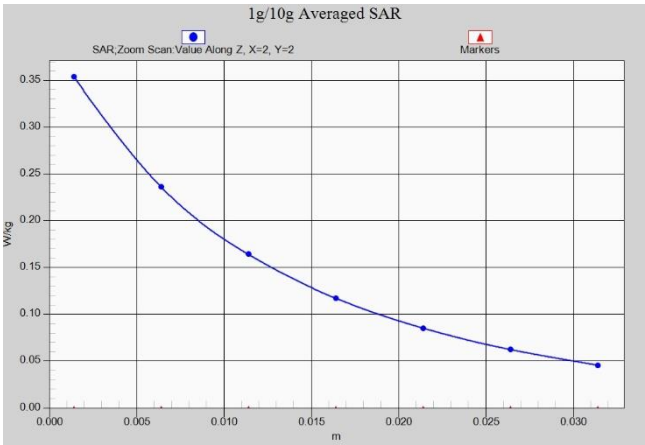
WCDMA850 Head ANT0



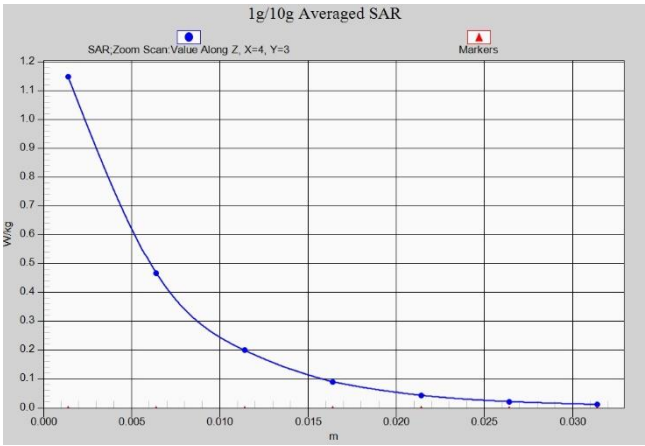
WCDMA850 Body 10mm ANT0



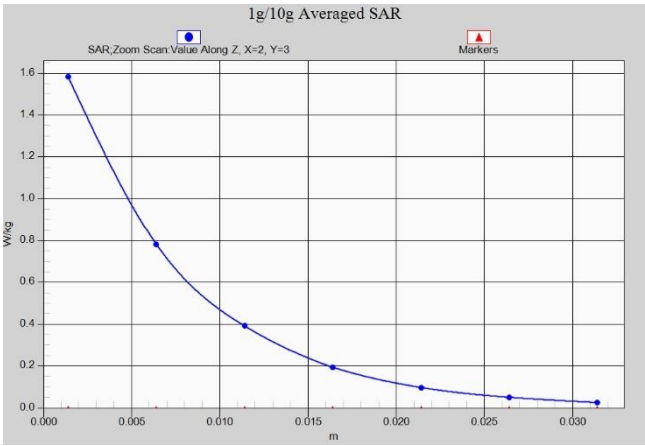
WCDMA850 Head ANT1



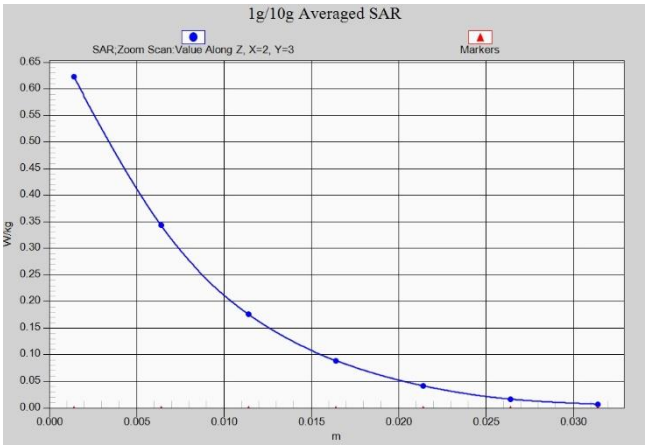
WCDMA850 Body 10mm ANT1



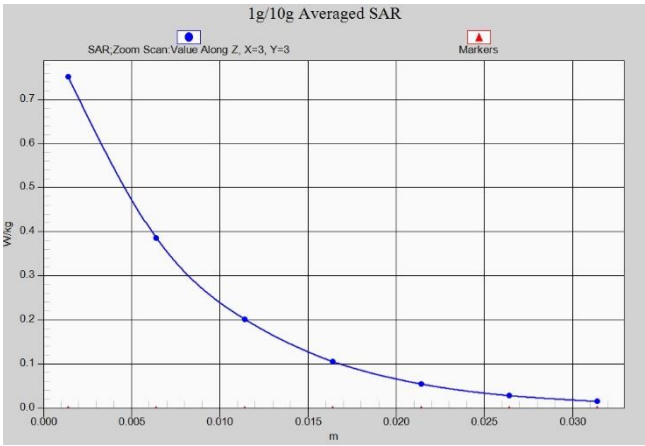
LTE Band7 Head ANT0



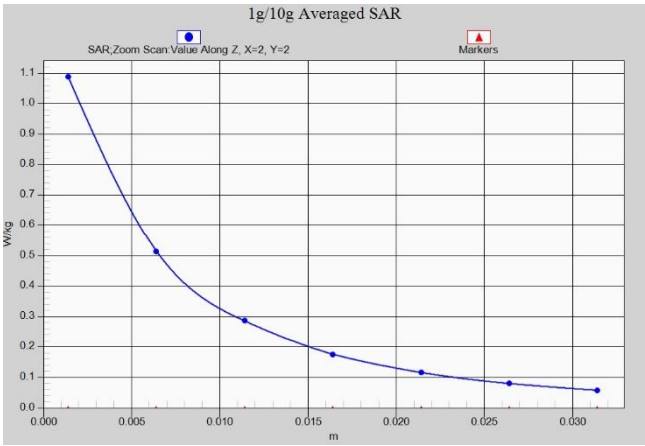
LTE Band7 Body 10mm ANT0



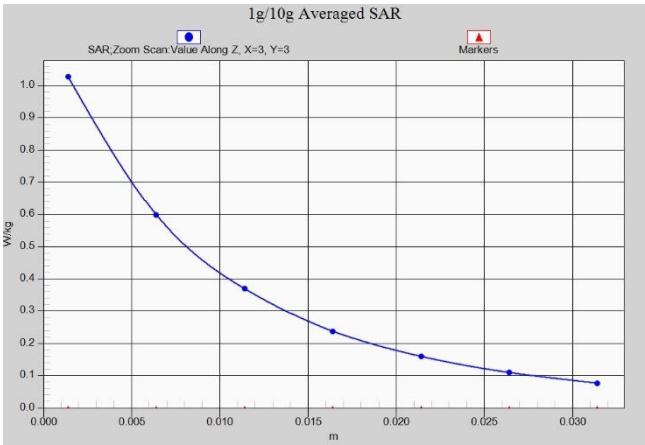
LTE Band7 Head ANT2



LTE Band7 Body 10mm ANT2



LTE Band12 Head ANT0



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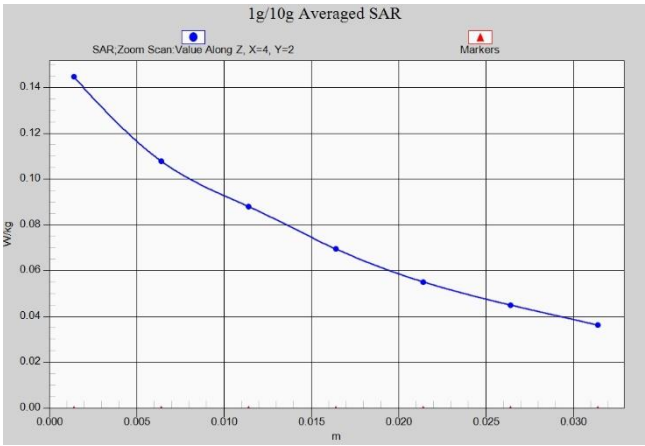

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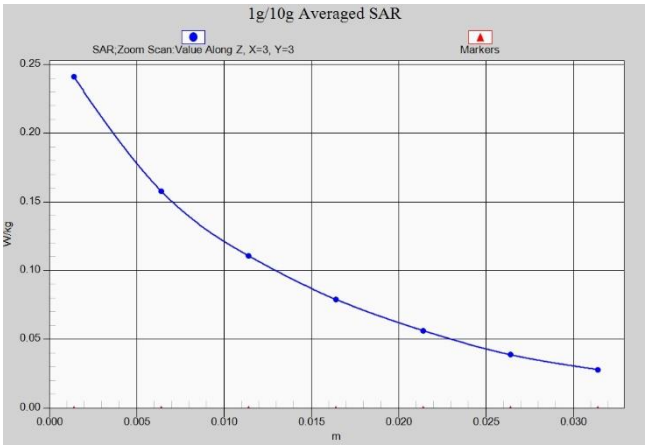
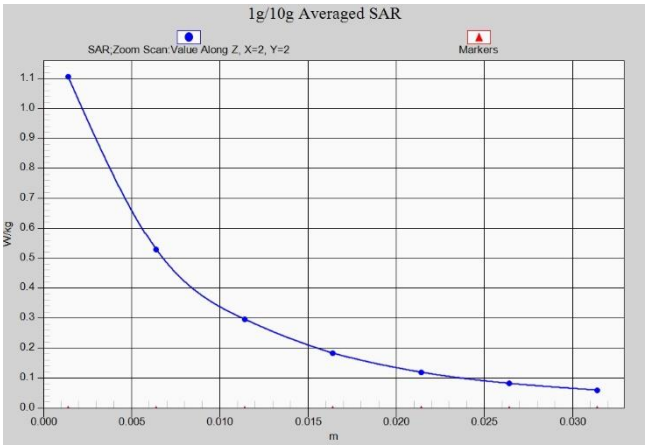


LTE Band12 Body 10mm ANT1



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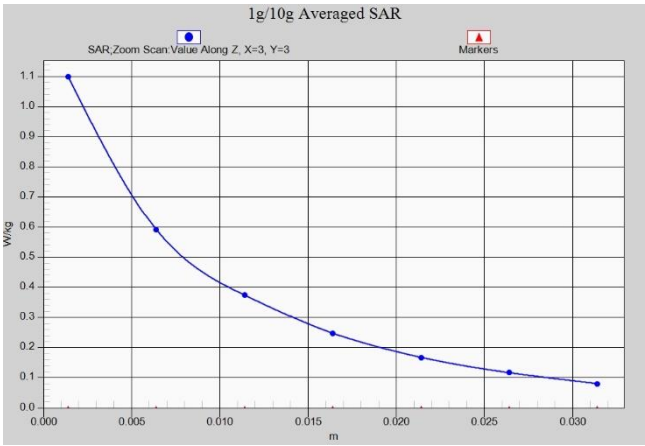
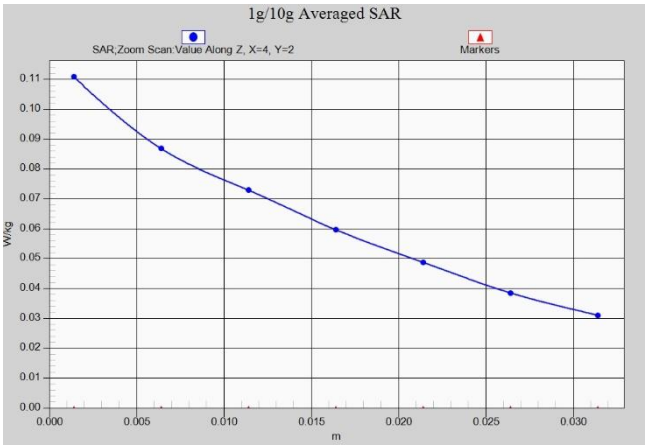


LTE Band13 Body 10mm ANT0



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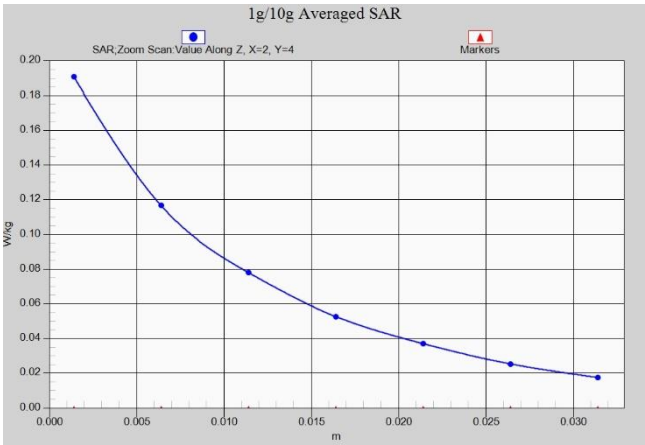

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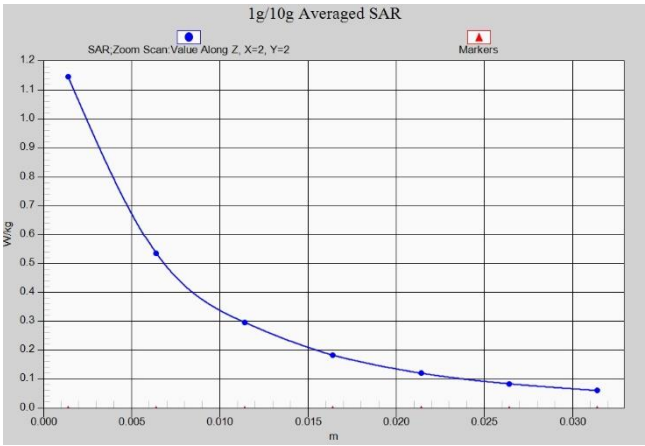
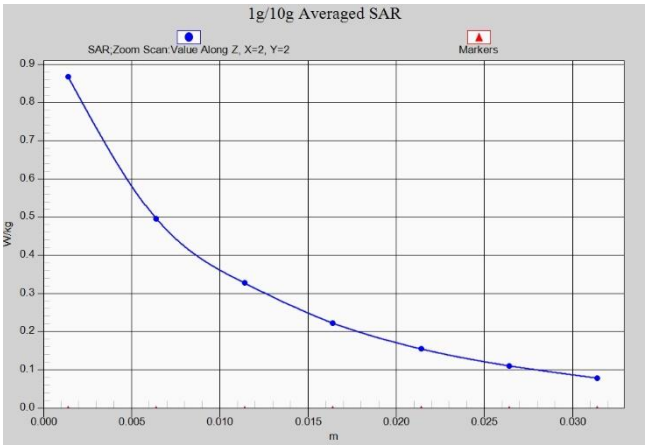
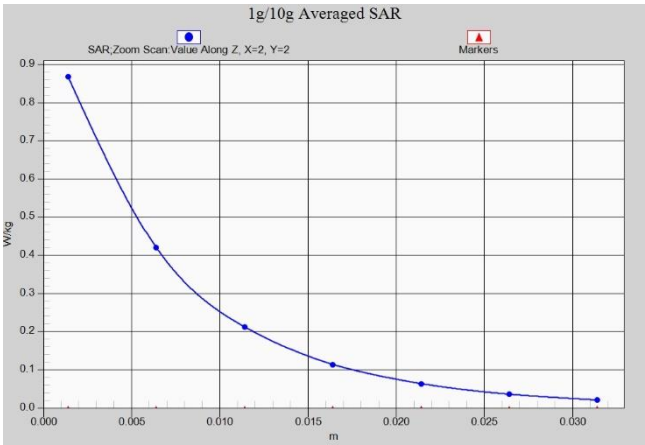


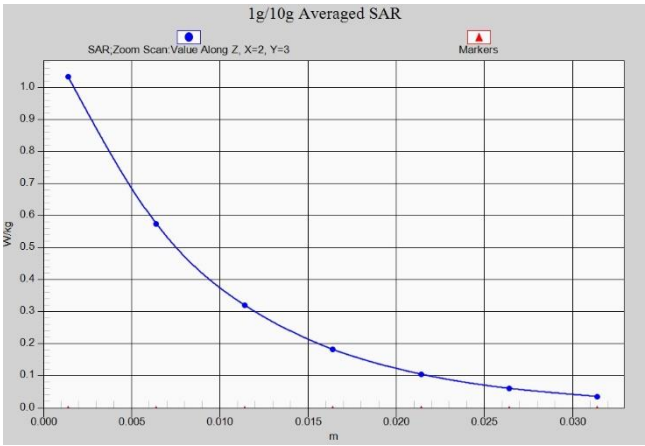
LTE Band17 Head ANT0



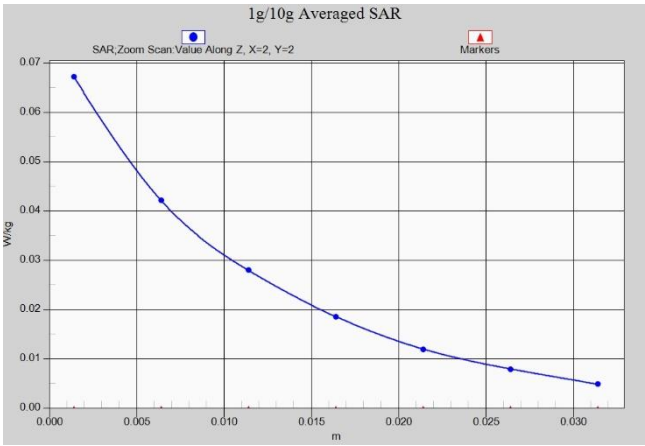
LTE Band17 Body 10mm ANT0



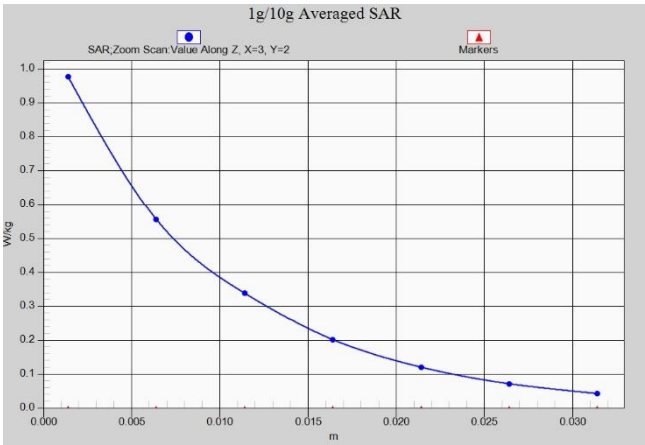
LTE Band25 Head ANT0



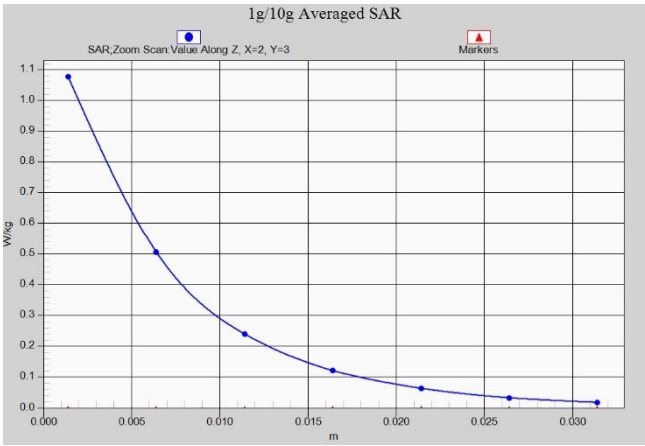
LTE Band25 Body 10mm ANT0



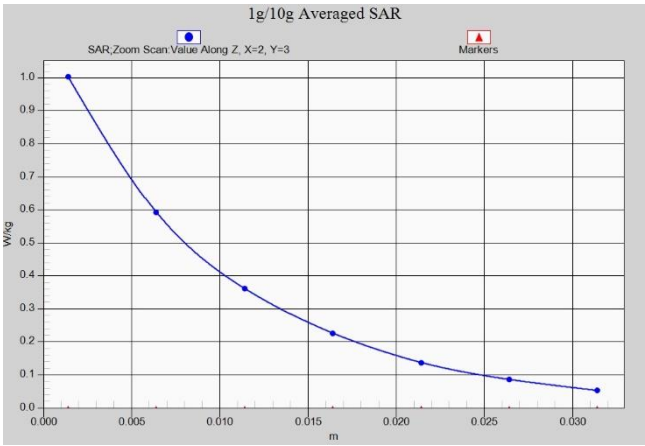
LTE Band25 Head ANT5



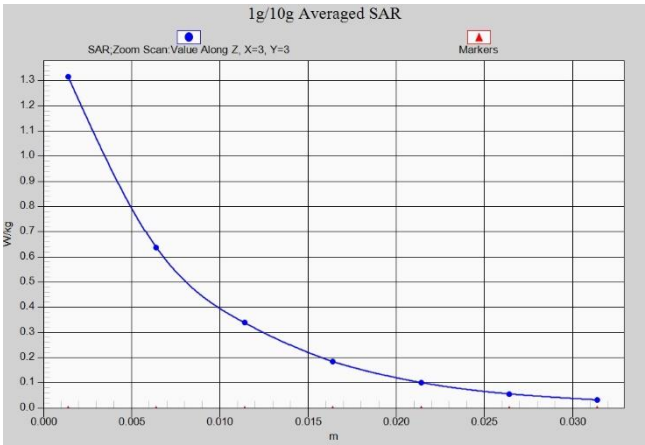
LTE Band25 Body 10mm ANT5



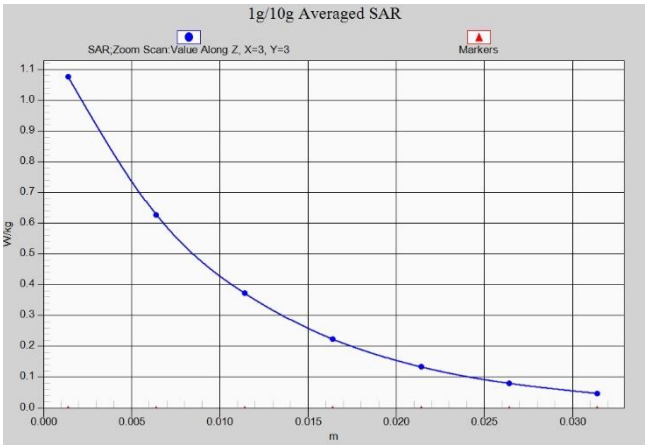
LTE Band25 Head ANT6



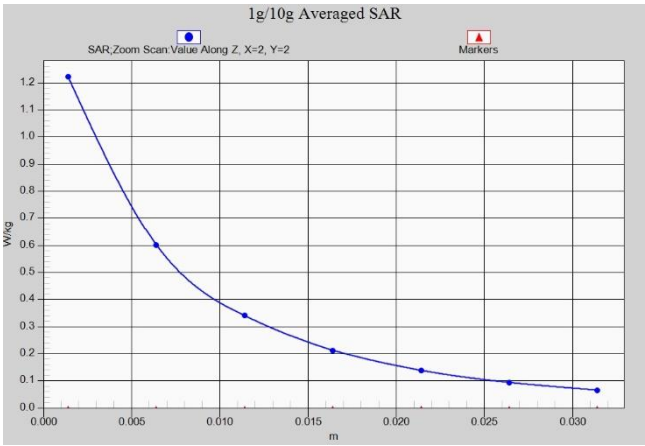
LTE Band25 Body 10mm ANT6



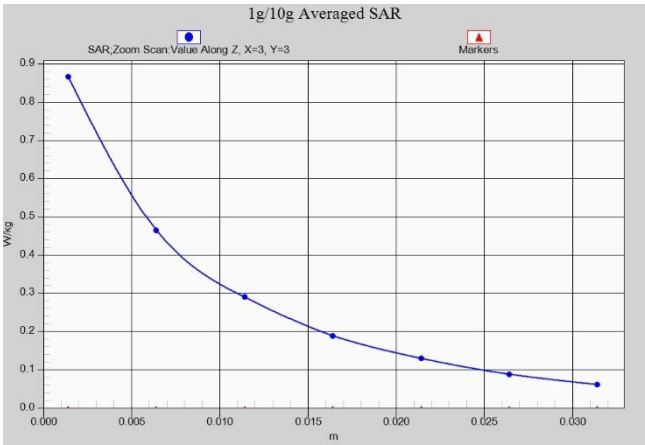
LTE Band25 Head ANT7



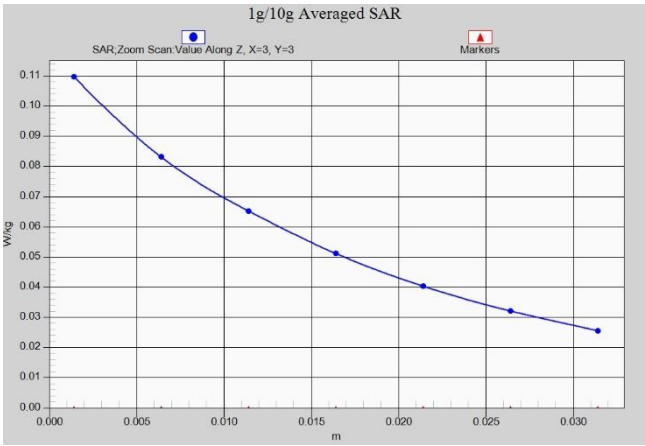
LTE Band25 Body 10mm ANT7



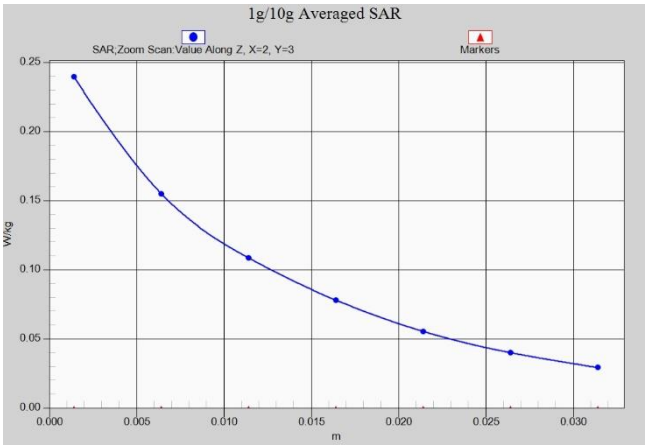
LTE Band26 Head ANT0



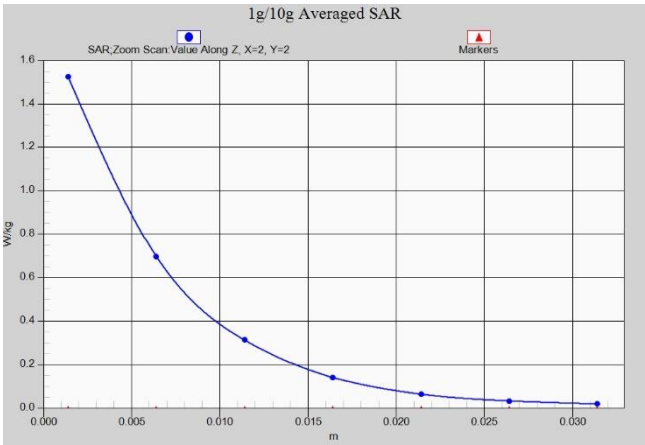
LTE Band26 Body 10mm ANT0



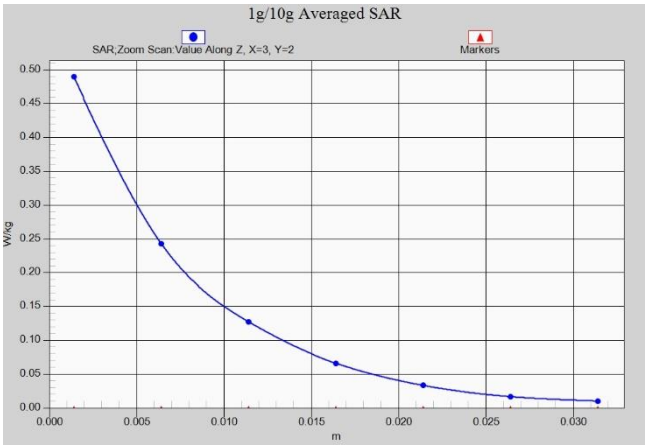
LTE Band26 Head ANT1



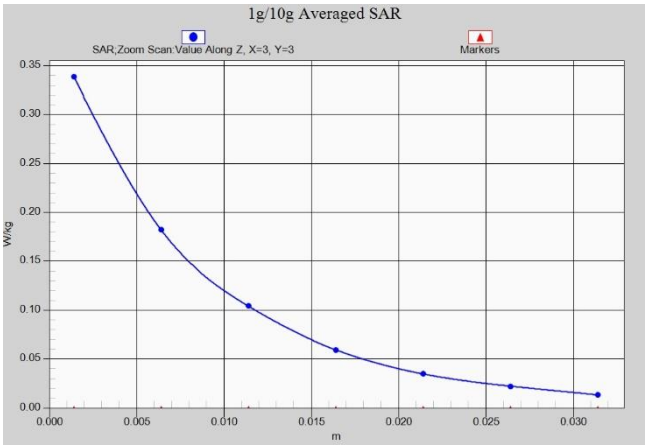
LTE Band26 Body 10mm ANT1



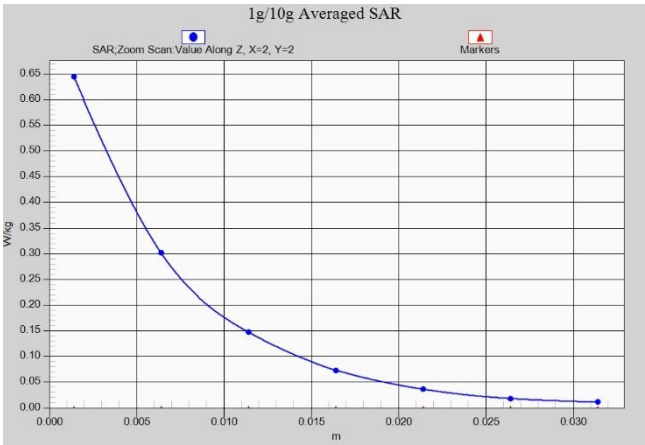
LTE Band30 Head ANT0



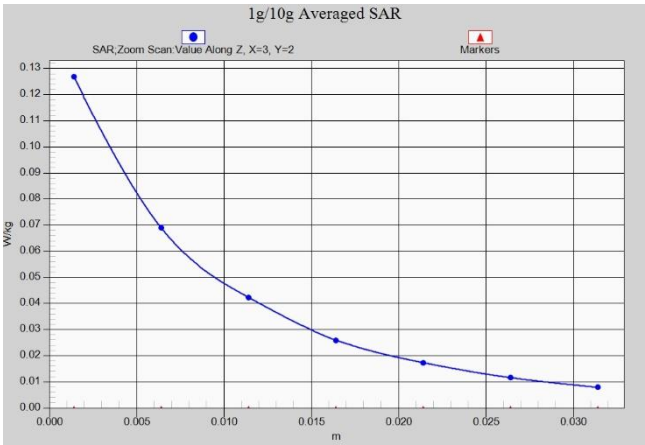
LTE Band30 Body 10mm ANT0



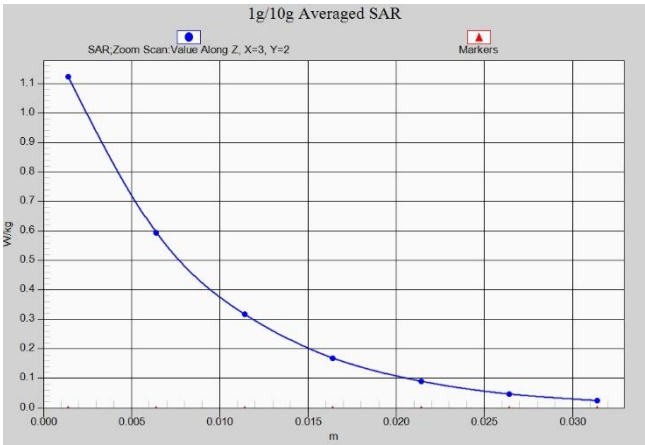
LTE Band30 Head ANT2



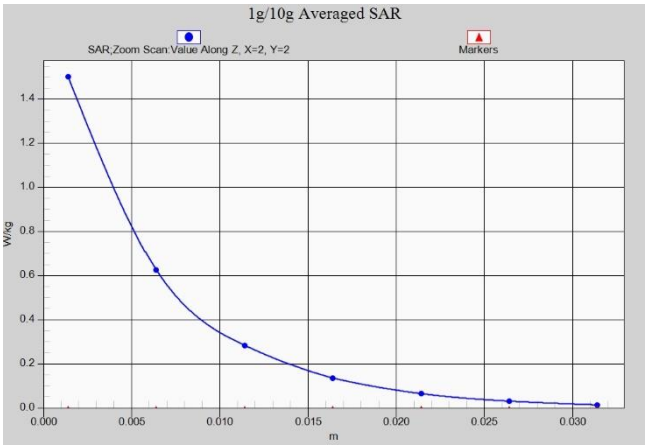
LTE Band30 Body 10mm ANT2



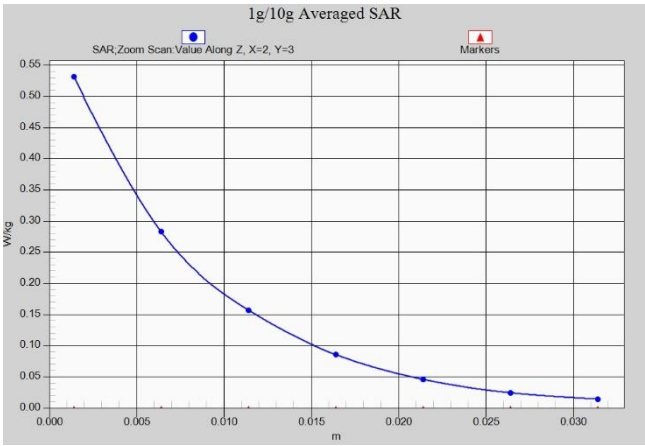
LTE Band30 Head ANT5



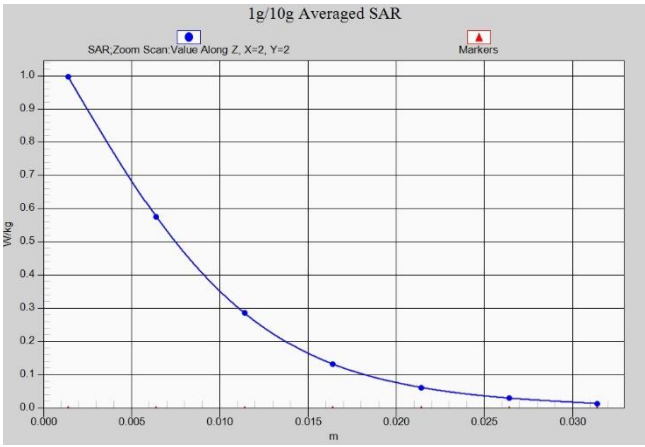
LTE Band30 Body 10mm ANT5



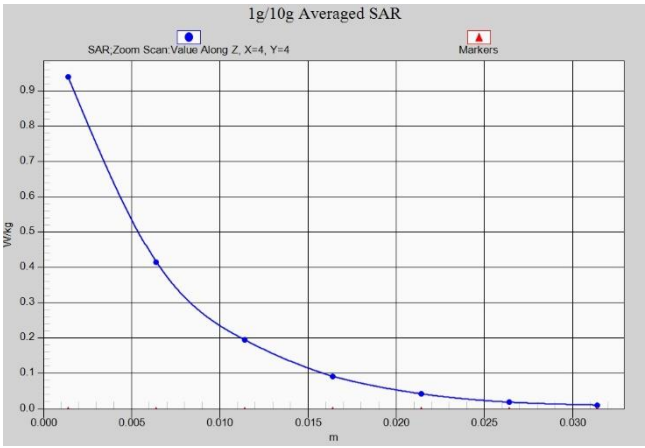
LTE Band30 Head ANT6



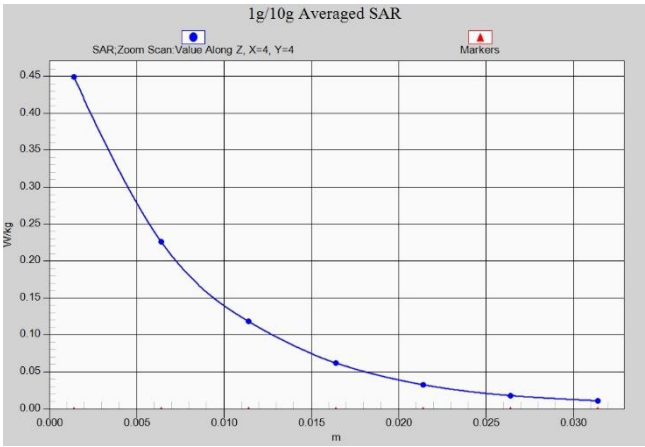
LTE Band30 Body 10mm ANT6



LTE Band38 Head ANT0



LTE Band38 Body 10mm ANT0



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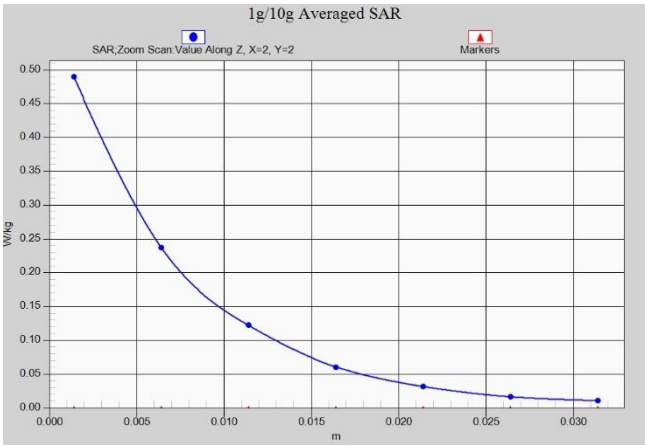
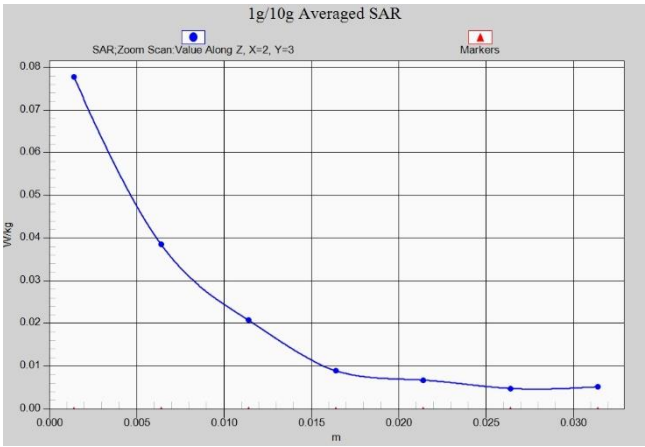
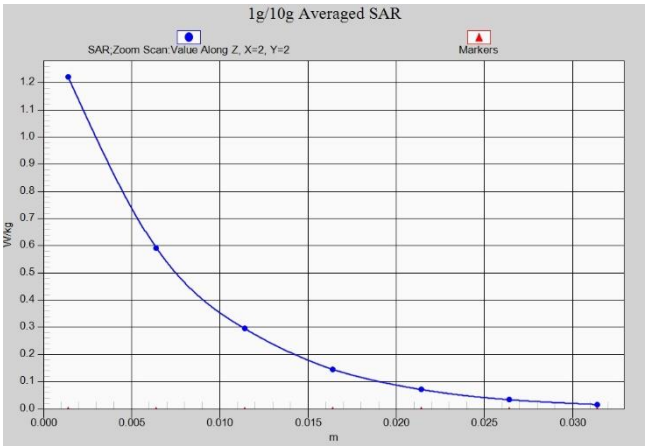


LTE Band38 Body 10mm ANT2



LTE Band38 Head ANT5



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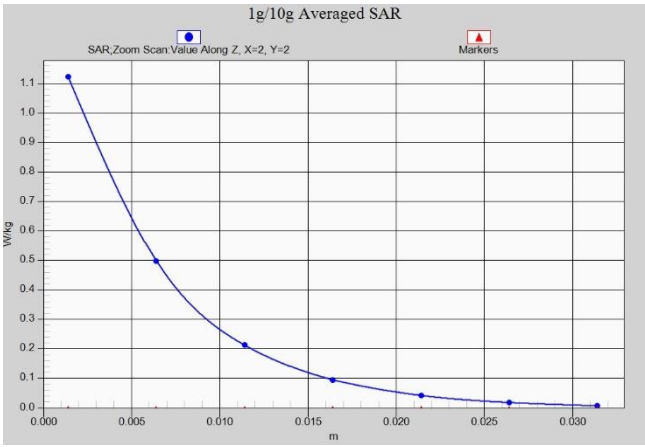
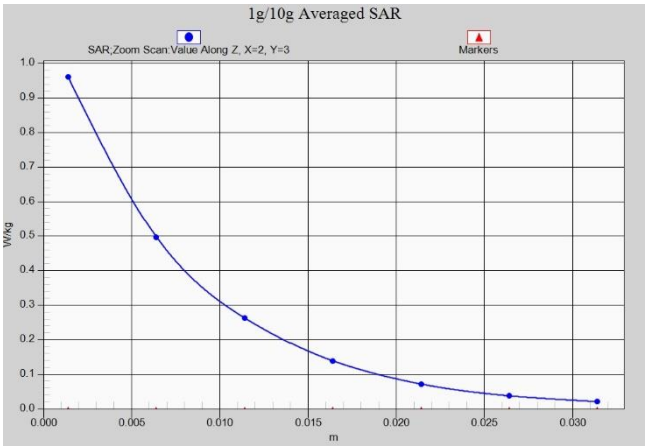
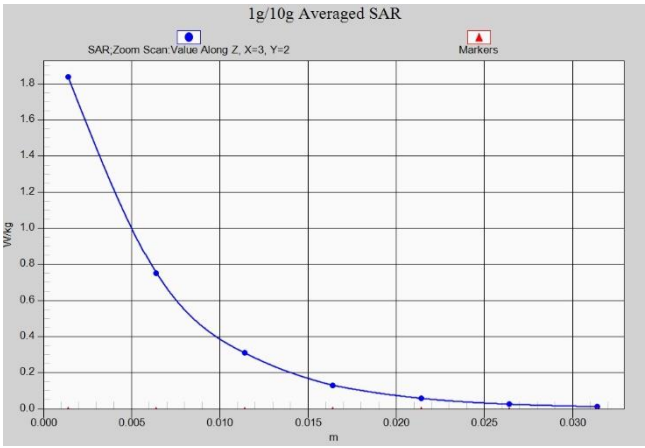


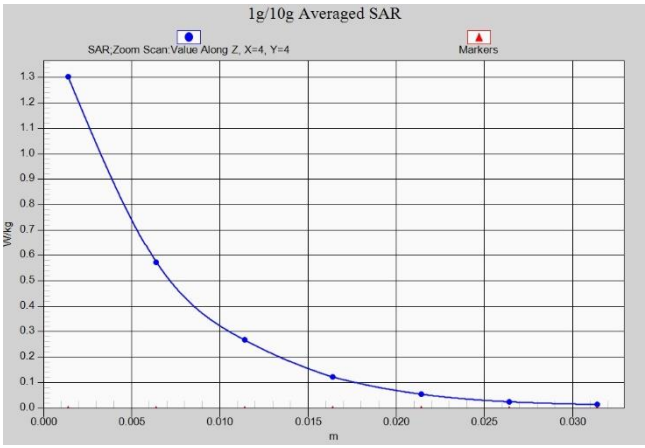
LTE Band38 Head ANT6



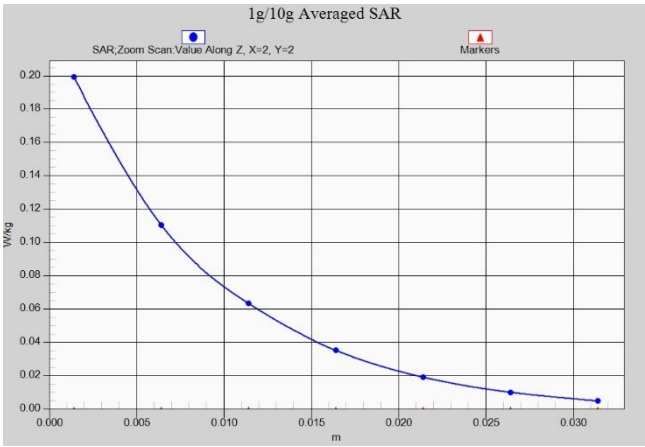
LTE Band38 Body 10mm ANT6



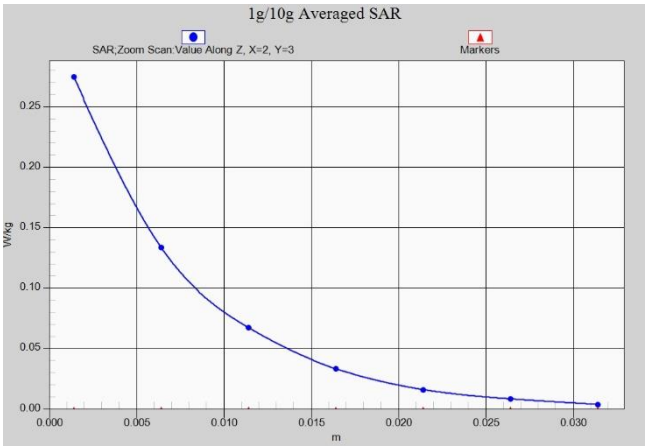
LTE Band41 PC3 Head ANT0



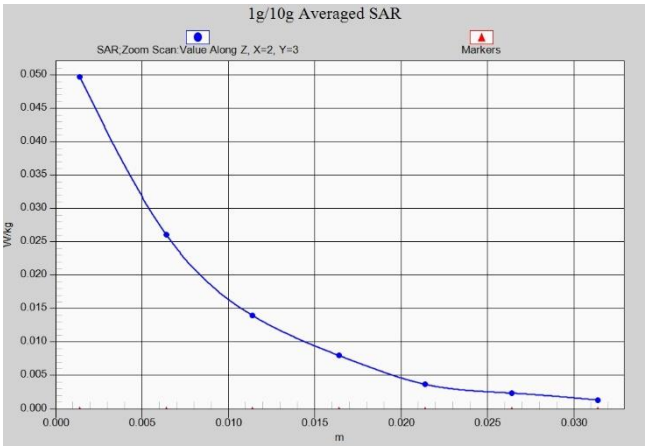
LTE Band41 PC3 Body 10mm ANT0



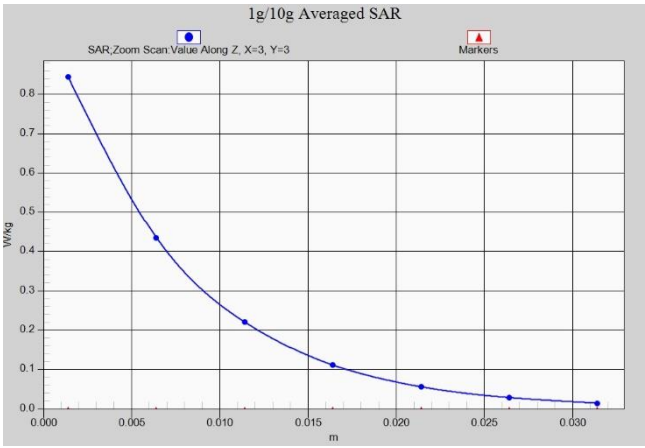
LTE Band41 PC3 Head ANT2



LTE Band41 PC3 Body 10mm ANT2



LTE Band41 PC3 Head ANT5



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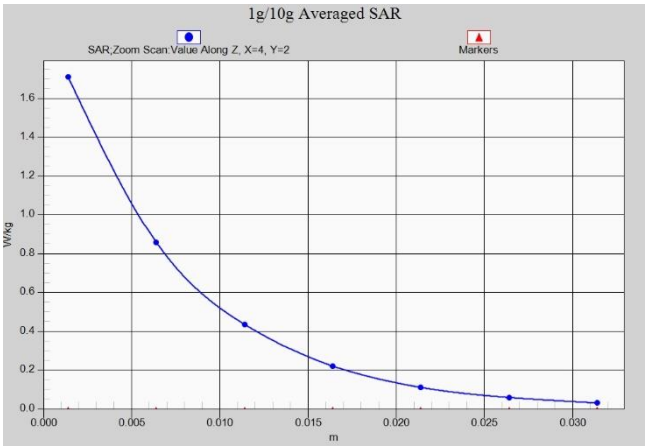
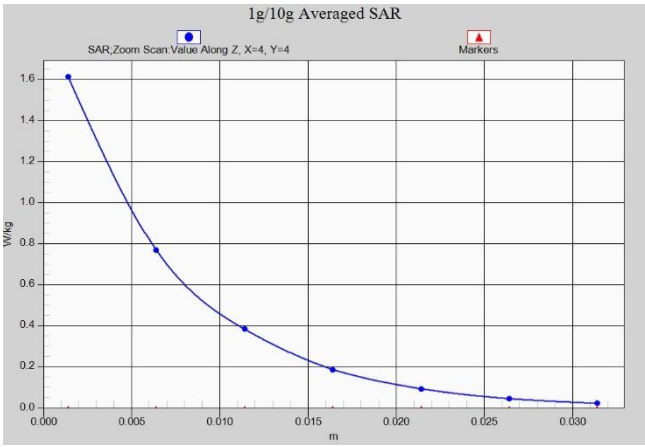
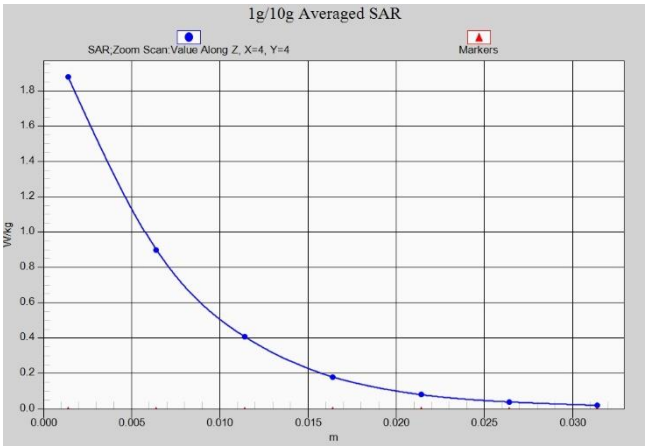


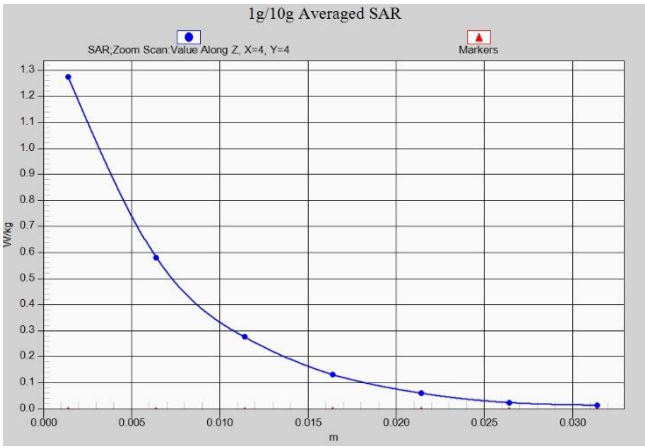
LTE Band41 PC3 Head ANT6



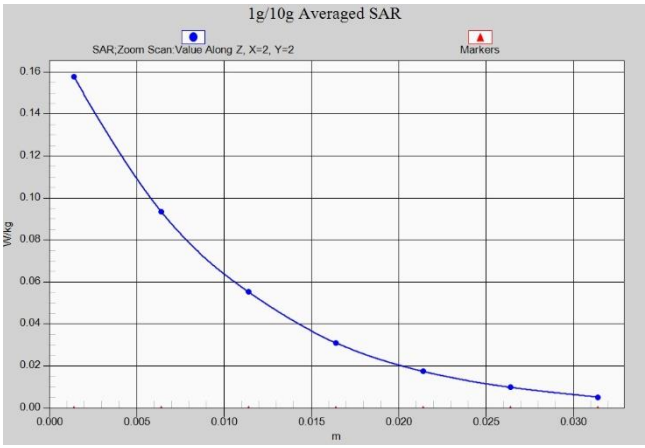
LTE Band41 PC3 Body 10mm ANT6



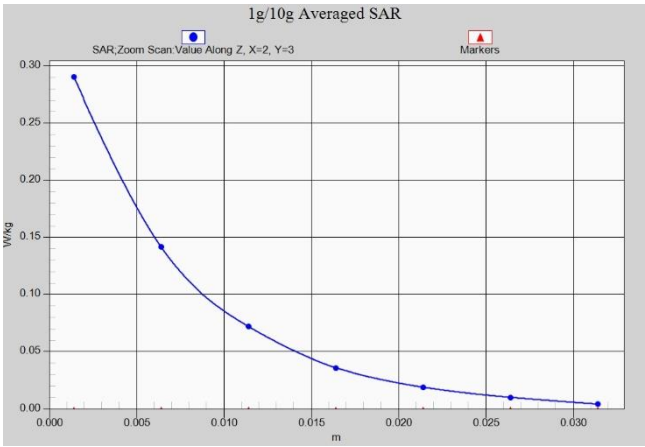
LTE Band41 PC2 Head ANT0



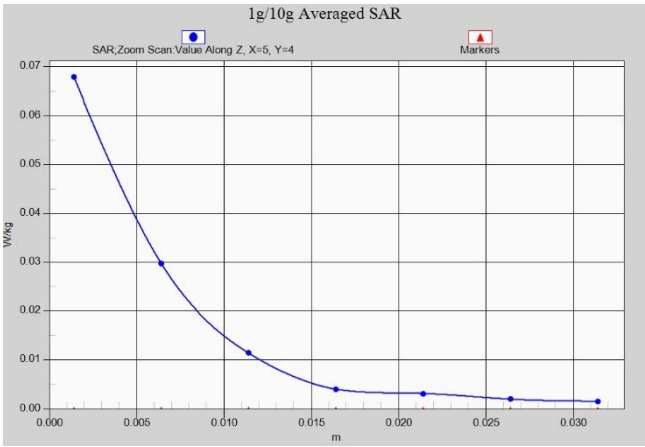
LTE Band41 PC2 Body 10mm ANT0



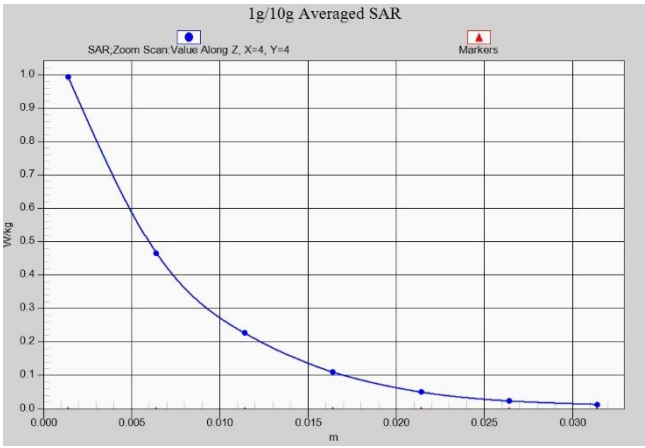
LTE Band41 PC2 Head ANT2



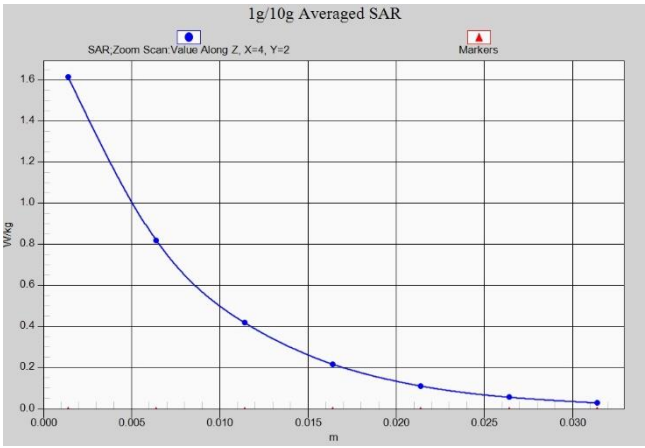
LTE Band41 PC2 Body 10mm ANT2



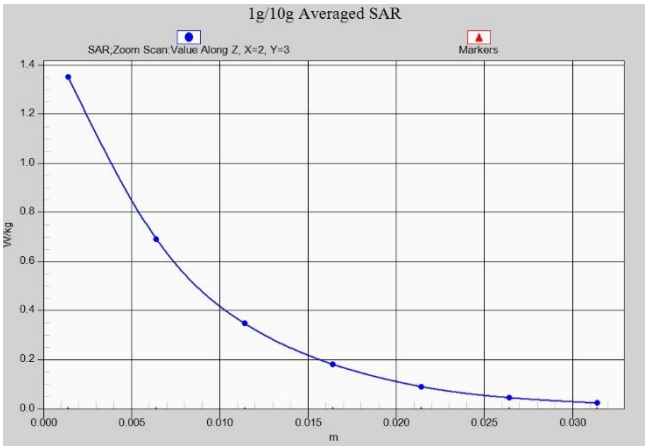
LTE Band41 PC2 Head ANT5



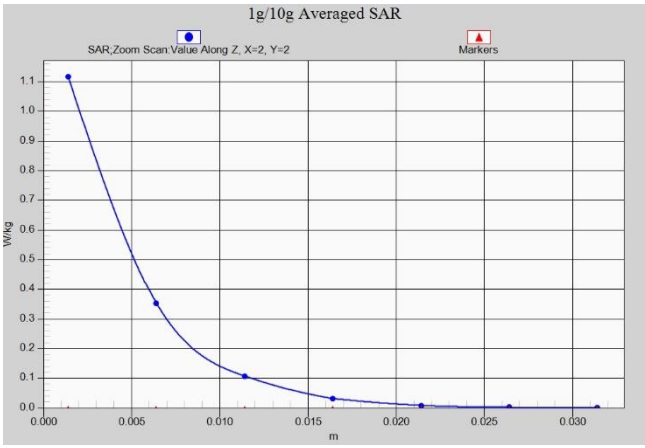
LTE Band41 PC2 Body 10mm ANT5



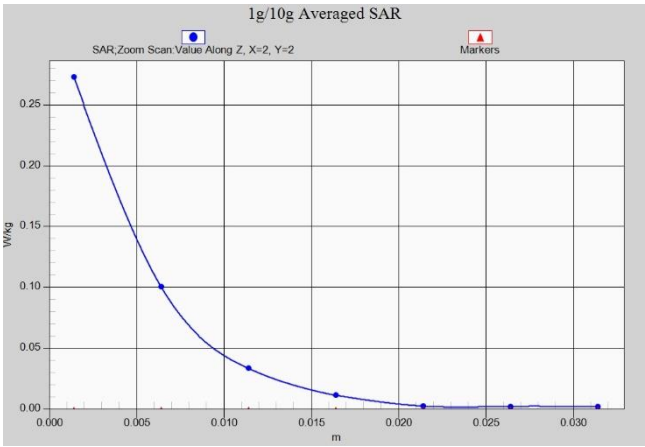
LTE Band41 PC2 Head ANT6



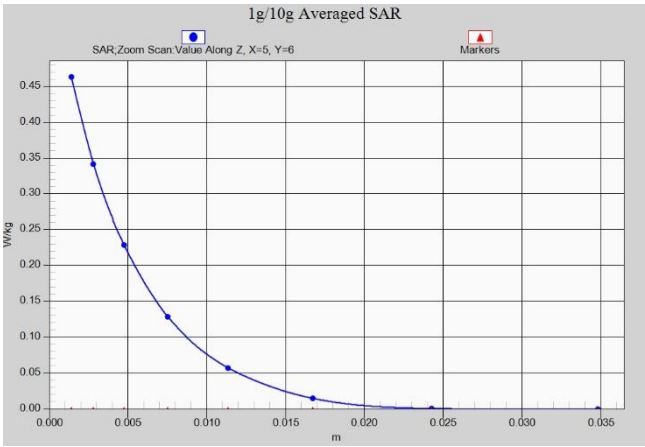
LTE Band41 PC2 Body 10mm ANT6



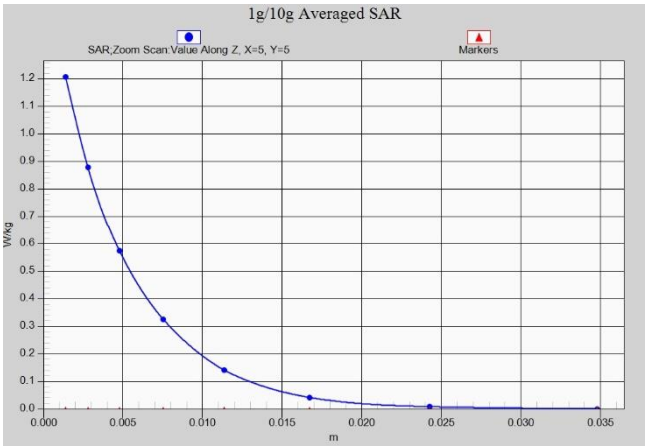
LTE Band48 Head ANT6



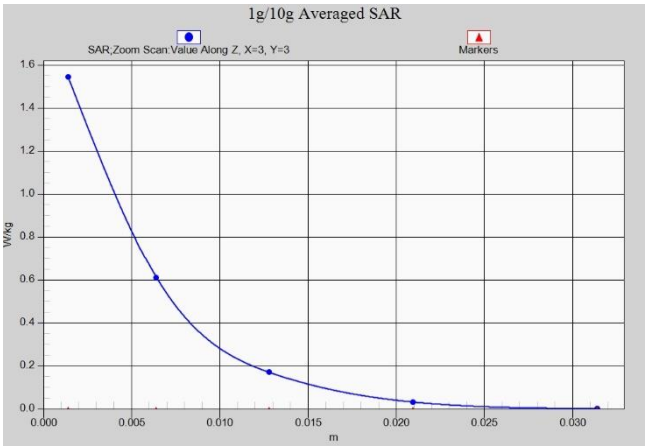
LTE Band48 Body 10mm ANT6



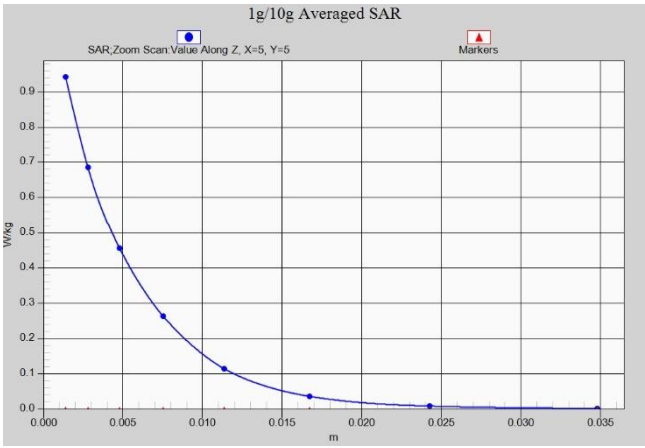
LTE Band48 Head ANT8



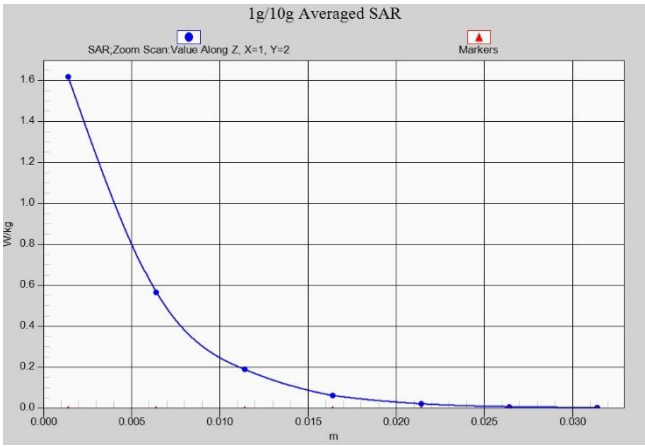
LTE Band48 Body 10mm ANT8



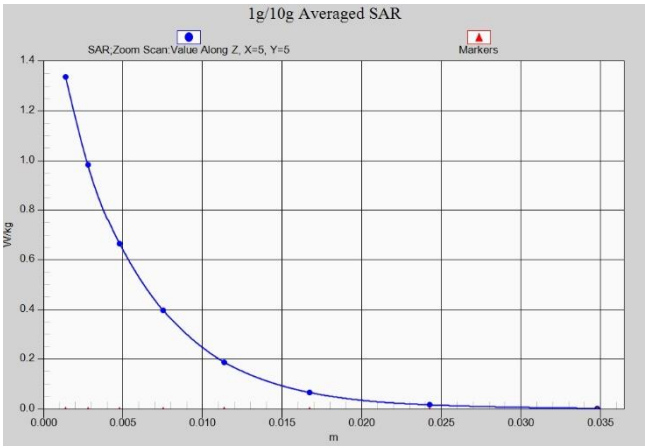
LTE Band48 Head ANT10



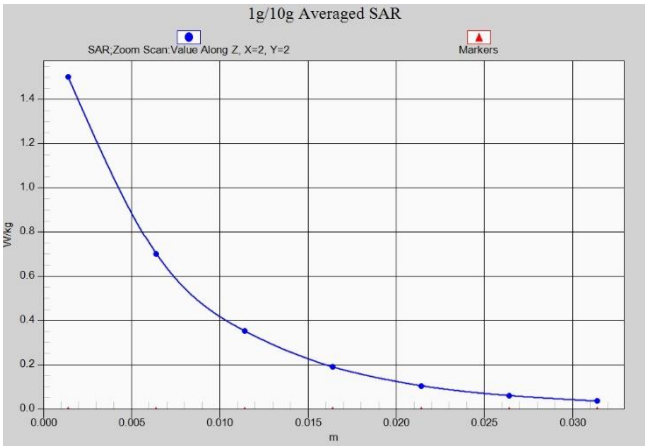
LTE Band48 Body 10mm ANT10



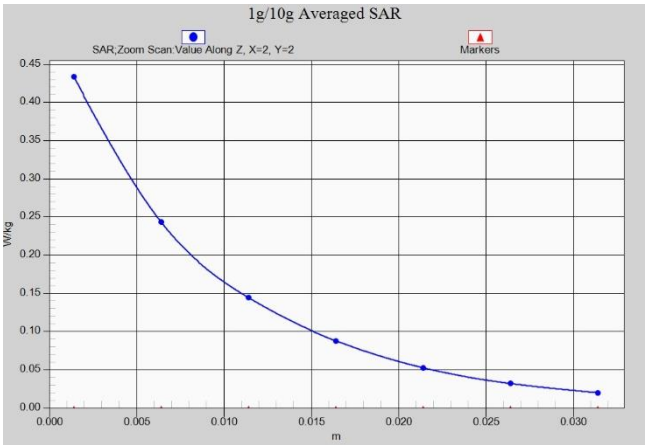
LTE Band48 Head ANT12



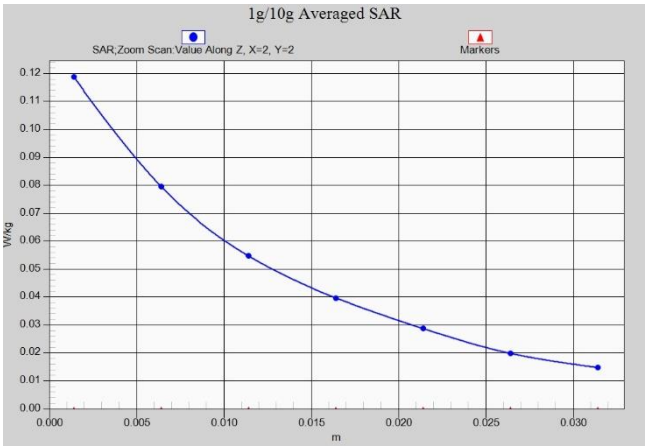
LTE Band48 Body 10mm ANT12



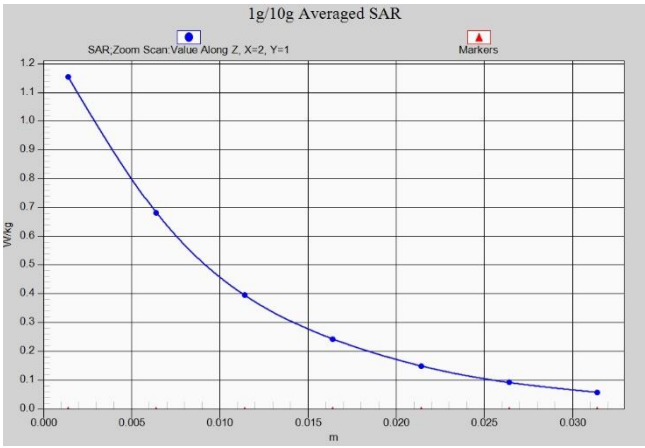
LTE Band66 Head ANT0



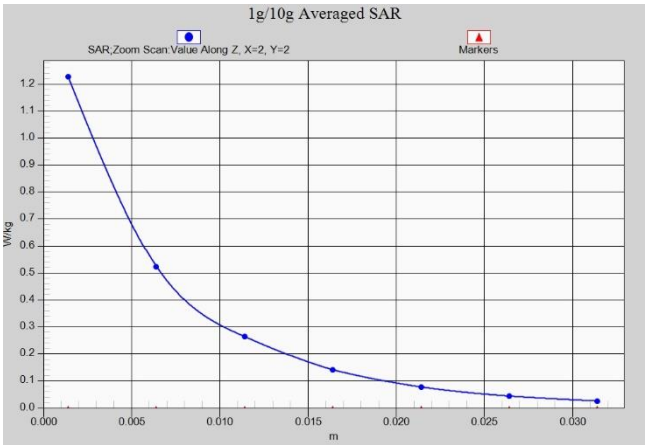
LTE Band66 Body 10mm ANT0



LTE Band66 Head ANT5



LTE Band66 Body 10mm ANT5



LTE Band66 Head ANT6