Date: 2020/7/8

Report No. :ES/2020/30005

WLAN 802.11ac(80M) 5.8G_Hotspot_Back side_CH 155_Chain0_Ant6_10mm

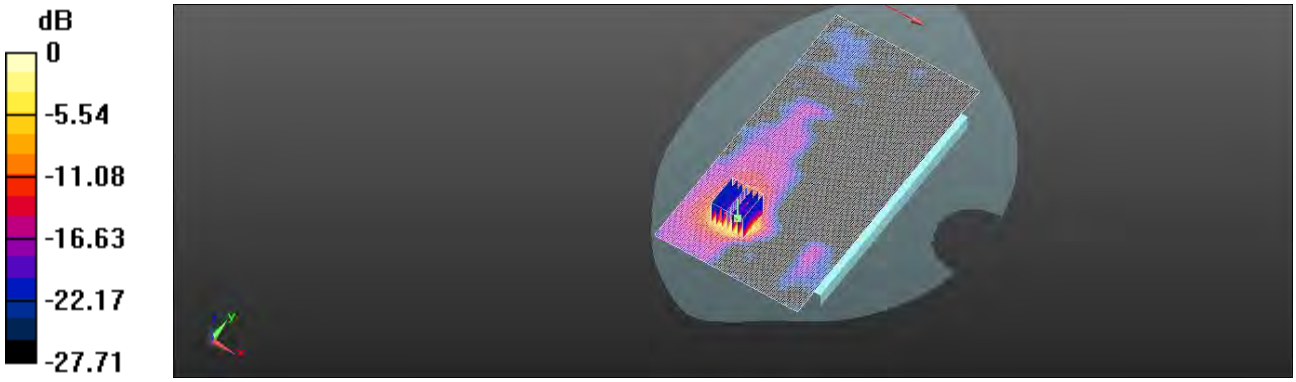
Communication System: Wi-Fi; Frequency: 5775 MHz; Duty cycle= 1:1
Medium parameters used: f = 5775 MHz; σ = 5.313 S/m; ε_r = 34.566; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.5°C; Liquid temperature: 21.9℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(4.85, 4.85, 4.85) @ 5775 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (111x211x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.549 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.034 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.09 W/kg
SAR(1 g) = 0.401 W/kg; SAR(10 g) = 0.157 W/kg
Smallest distance from peaks to all points 3 dB below = 6.7 mm
Ratio of SAR at M2 to SAR at M1 = 52.3%
Maximum value of SAR (measured) = 0.538 W/kg



0 dB = 0.538 W/kg = -2.69 dBW/kg

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Date: 2020/6/29

Report No. :ES/2020/30005

WLAN 802.11b_Hotspot_Back side_CH 11_Chain1_Ant5_10mm

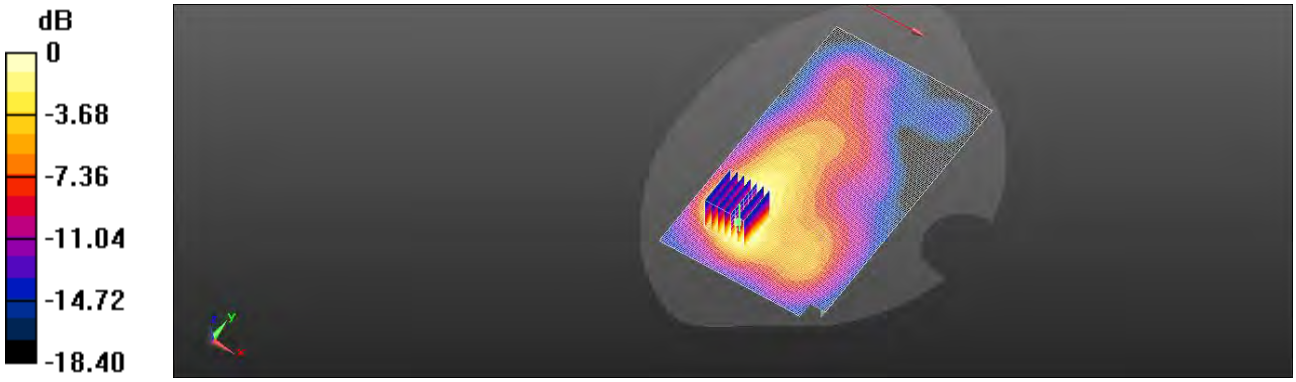
Communication System: Wi-Fi; Frequency: 2462 MHz; Duty cycle= 1:1
Medium parameters used: f = 2462 MHz; σ = 1.795 S/m; ε_r = 38.758; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.7°C; Liquid temperature: 22.1℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(7.51, 7.51, 7.51) @ 2462 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x171x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.0338 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.618 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.0410 W/kg
SAR(1 g) = 0.030 W/kg; SAR(10 g) = 0.021 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 53.4%
Maximum value of SAR (measured) = 0.0315 W/kg



0 dB = 0.0315 W/kg = -15.02 dBW/kg

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Date: 2020/7/5

Report No. :ES/2020/30005

WLAN 802.11n(40M) 5.2G_Hotspot_Back side_CH 46_Chain1_Ant5_10mm

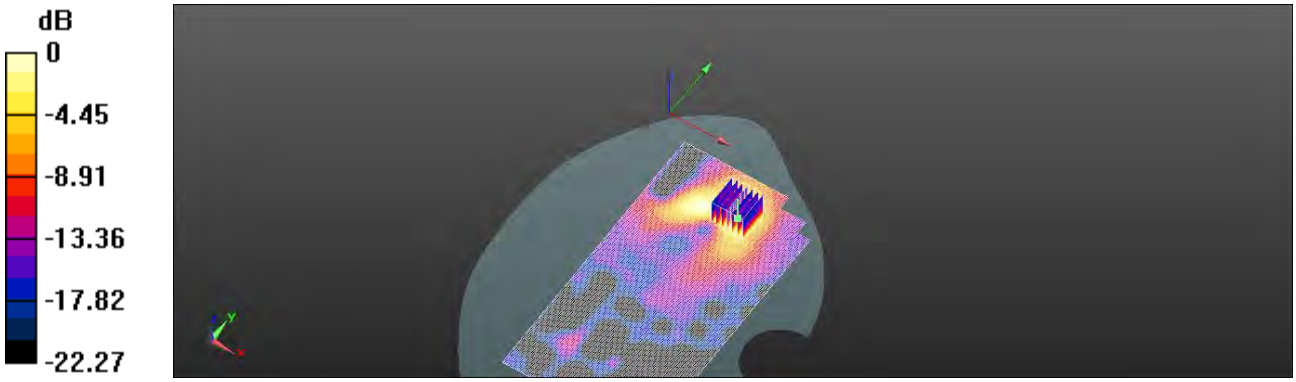
Communication System: Wi-Fi; Frequency: 5230 MHz; Duty cycle= 1:1
Medium parameters used: f = 5230 MHz; σ = 4.748 S/m; ε_r = 35.528; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.4°C; Liquid temperature: 21.8℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(5.33, 5.33, 5.33) @ 5230 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (111x211x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.161 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.152 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.289 W/kg
SAR(1 g) = 0.118 W/kg; SAR(10 g) = 0.054 W/kg
Smallest distance from peaks to all points 3 dB below = 7.6 mm
Ratio of SAR at M2 to SAR at M1 = 62.8%
Maximum value of SAR (measured) = 0.163 W/kg



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

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Date: 2020/7/6

Report No. :ES/2020/30005

WLAN 802.11n(20M) 5.3G_Hotspot_Back side_CH 52_Chain1_Ant5_10mm

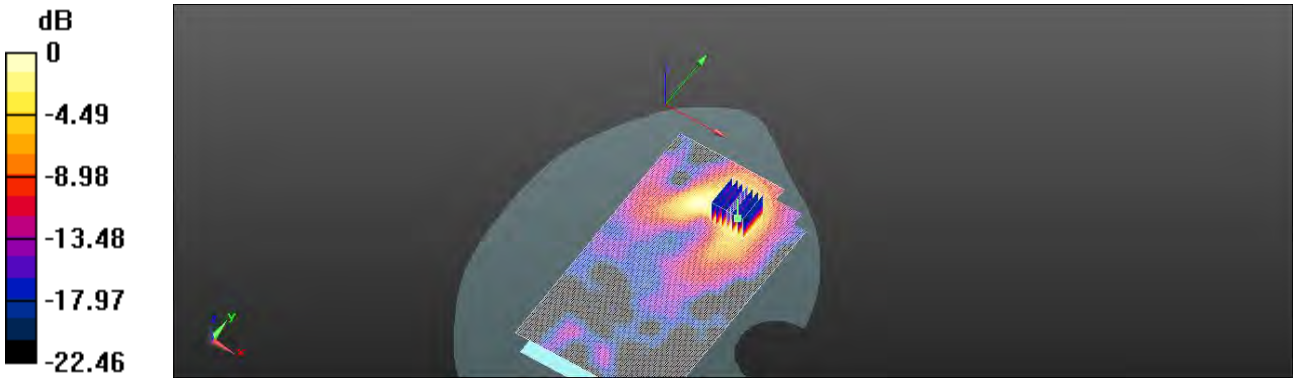
Communication System: Wi-Fi; Frequency: 5260 MHz; Duty cycle= 1:1
Medium parameters used: f = 5260 MHz; σ = 4.796 S/m; ε_r = 35.513; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.0°C; Liquid temperature: 21.6℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(5.23, 5.23, 5.23) @ 5260 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (111x191x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.202 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.404 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.354 W/kg
SAR(1 g) = 0.151 W/kg; SAR(10 g) = 0.071 W/kg
Smallest distance from peaks to all points 3 dB below = 8.8 mm
Ratio of SAR at M2 to SAR at M1 = 59.5%
Maximum value of SAR (measured) = 0.199 W/kg



0 dB = 0.199 W/kg = -7.01 dBW/kg

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Date: 2020/7/7

Report No. :ES/2020/30005

WLAN 802.11a 5.6G_Hotspot_Back side_CH 100_Chain1_Ant5_10mm

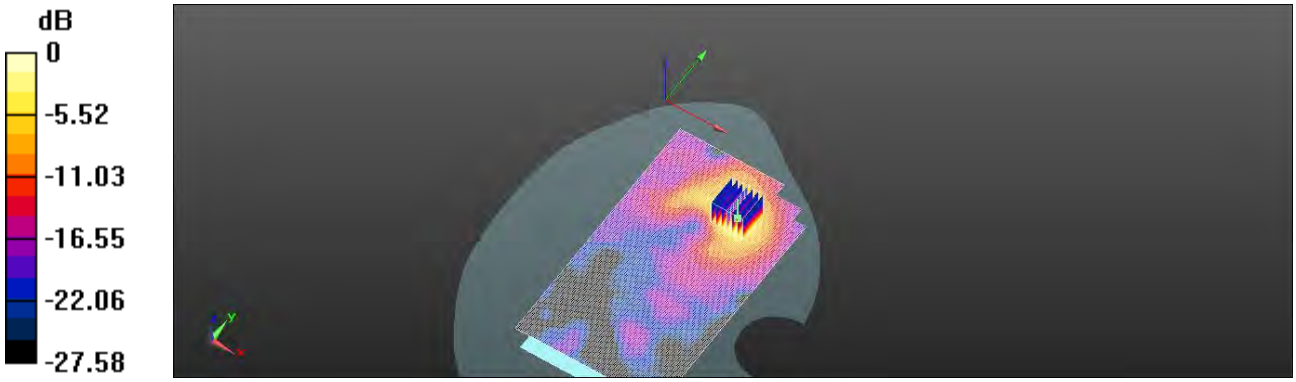
Communication System: Wi-Fi; Frequency: 5500 MHz; Duty cycle= 1:1
Medium parameters used: f = 5500 MHz; σ = 5.044 S/m; ε_r = 35.227; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.6°C; Liquid temperature: 22.1℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(4.64, 4.64, 4.64) @ 5500 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (111x191x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.442 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.742 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.799 W/kg
SAR(1 g) = 0.361 W/kg; SAR(10 g) = 0.167 W/kg
Smallest distance from peaks to all points 3 dB below = 7.7 mm
Ratio of SAR at M2 to SAR at M1 = 59.3%
Maximum value of SAR (measured) = 0.435 W/kg



0 dB = 0.435 W/kg = -3.62 dBW/kg

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Date: 2020/7/8

Report No. :ES/2020/30005

WLAN 802.11ac(80M) 5.8G_Hotspot_Back side_CH 155_Chain1_Ant5_10mm

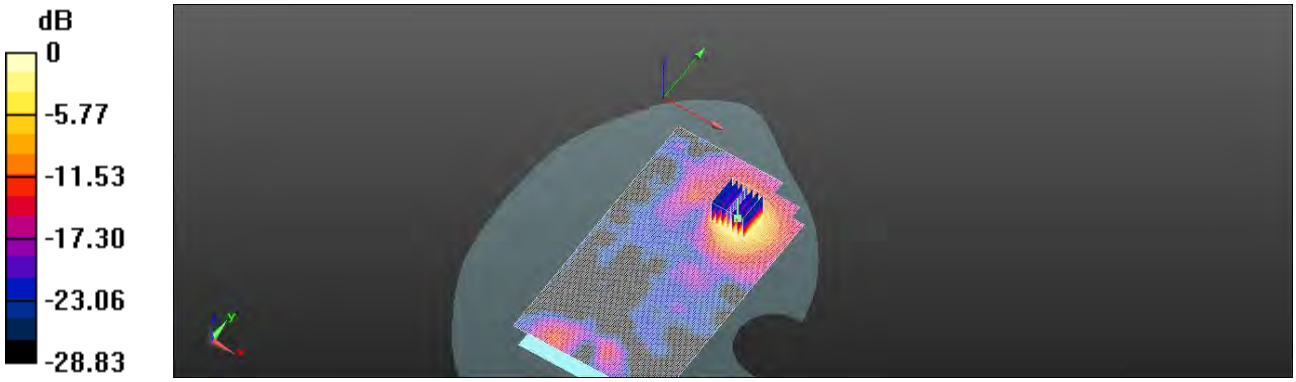
Communication System: Wi-Fi; Frequency: 5775 MHz; Duty cycle= 1:1
Medium parameters used: f = 5775 MHz; σ = 5.313 S/m; ε_r = 34.566; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.5°C; Liquid temperature: 21.9℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(4.85, 4.85, 4.85) @ 5775 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (111x191x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.538 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.101 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.973 W/kg
SAR(1 g) = 0.422 W/kg; SAR(10 g) = 0.193 W/kg
Smallest distance from peaks to all points 3 dB below = 7.6 mm
Ratio of SAR at M2 to SAR at M1 = 57.5%
Maximum value of SAR (measured) = 0.502 W/kg



0 dB = 0.502 W/kg = -2.99 dBW/kg

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Date: 2020/7/5

Report No. :ES/2020/30005

WLAN 802.11b_Head_Le Cheek_CH 1_Chain 0_Ant4

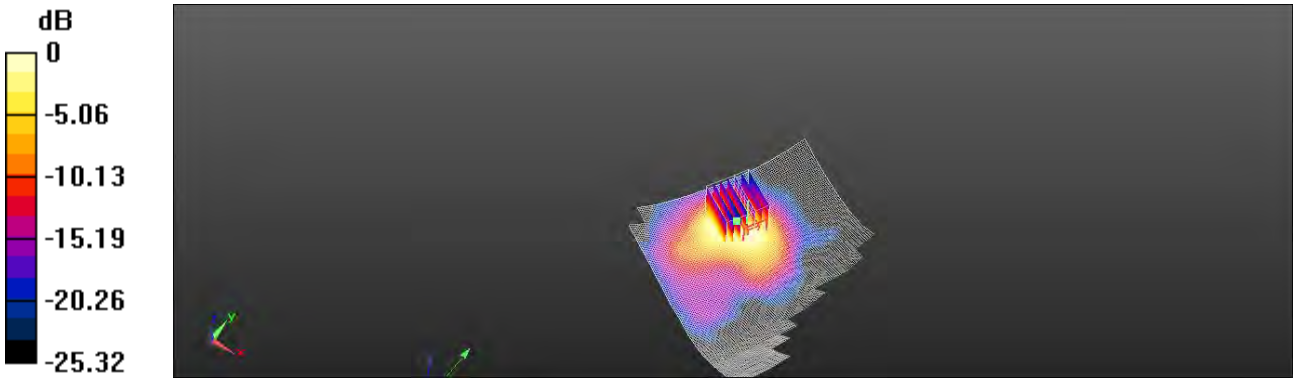
Communication System: Wi-Fi; Frequency: 2412 MHz; Duty cycle= 1:1
Medium parameters used: f = 2412 MHz; σ = 1.706 S/m; ε_r = 38.952; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.3°C; Liquid temperature: 22.0°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.4, 7.4, 7.4) @ 2412 MHz; Calibrated: 2020/5/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2020/3/17
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (111x171x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.772 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 19.55 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 1.03 W/kg
SAR(1 g) = 0.551 W/kg; SAR(10 g) = 0.276 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 46.5%
Maximum value of SAR (measured) = 0.732 W/kg



0 dB = 0.732 W/kg = -1.35 dBW/kg

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Date: 2020/7/10

Report No. :ES/2020/30005

WLAN 802.11n(40M) 5.2G_Head_Le Cheek_CH 46_Chain 0_Ant4

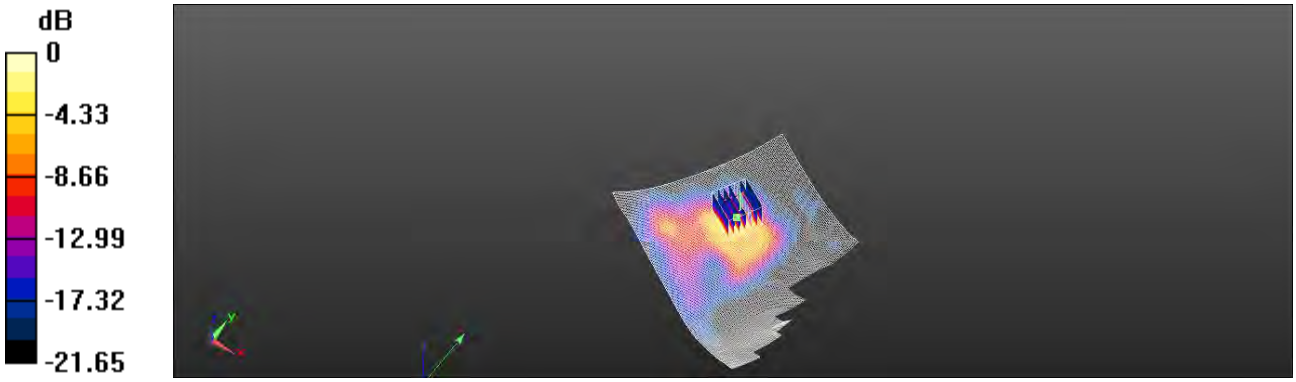
Communication System: Wi-Fi; Frequency: 5230 MHz; Duty cycle= 1:1
Medium parameters used: f = 5230 MHz; σ = 4.734 S/m; ε_r = 35.583; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.1°C; Liquid temperature: 21.8℃

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(5.4, 5.4, 5.4) @ 5230 MHz; Calibrated: 2020/5/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2020/3/17
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (121x201x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.740 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 7.403 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 1.52 W/kg
SAR(1 g) = 0.555 W/kg; SAR(10 g) = 0.217 W/kg
Smallest distance from peaks to all points 3 dB below = 6.8 mm
Ratio of SAR at M2 to SAR at M1 = 55.5%
Maximum value of SAR (measured) = 0.724 W/kg



0 dB = 0.724 W/kg = -1.40 dBW/kg

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Date: 2020/7/11

Report No. :ES/2020/30005

WLAN 802.11a 5.3G_Head_Le Cheek_CH 52_Chain 0_Ant4

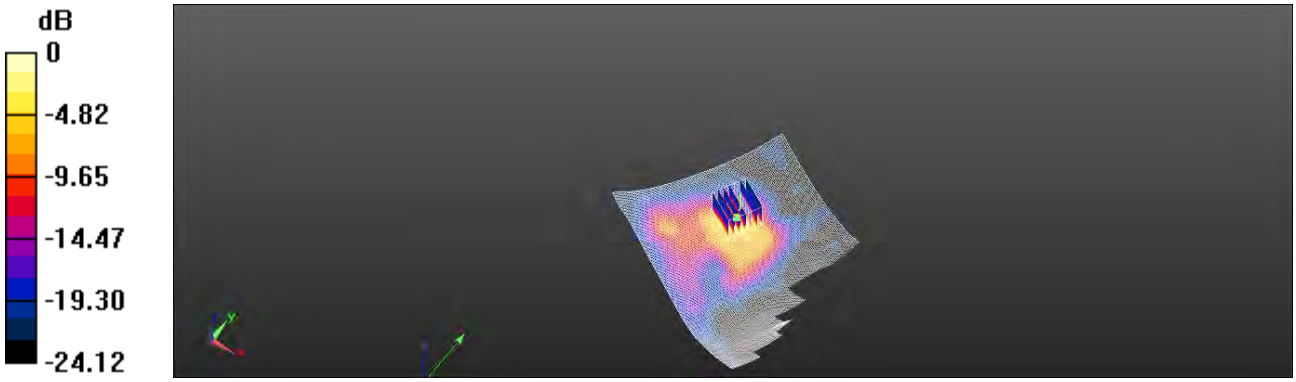
Communication System: Wi-Fi; Frequency: 5260 MHz; Duty cycle= 1:1
Medium parameters used: f = 5260 MHz; σ = 4.787 S/m; ε_r = 35.478; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.5°C; Liquid temperature: 22.1℃

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(5.4, 5.4, 5.4) @ 5260 MHz; Calibrated: 2020/5/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2020/3/17
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (121x201x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.580 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 9.586 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 1.25 W/kg
SAR(1 g) = 0.557 W/kg; SAR(10 g) = 0.257 W/kg
Smallest distance from peaks to all points 3 dB below = 6.8 mm
Ratio of SAR at M2 to SAR at M1 = 53.5%
Maximum value of SAR (measured) = 0.586 W/kg



0 dB = 0.586 W/kg = -2.32 dBW/kg

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Date: 2020/7/12

Report No. :ES/2020/30005

WLAN 802.11ac(80M) 5.6G_Head_Le Cheek_CH 138_Chain 0_Ant4

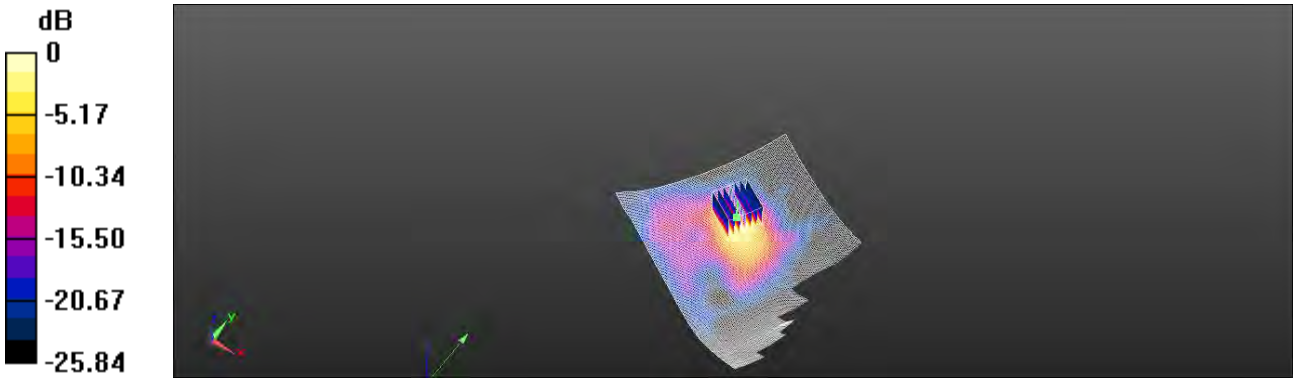
Communication System: WLAN 5G; Frequency: 5690 MHz; Duty cycle= 1:1
Medium parameters used: f = 5690 MHz; σ = 5.234 S/m; ε_r = 34.835; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.9°C; Liquid temperature: 21.5℃

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(4.79, 4.79, 4.79) @ 5690 MHz; Calibrated: 2020/5/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2020/3/17
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (121x201x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.536 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 9.327 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 1.04 W/kg
SAR(1 g) = 0.568 W/kg; SAR(10 g) = 0.321 W/kg
Smallest distance from peaks to all points 3 dB below = 6.2 mm
Ratio of SAR at M2 to SAR at M1 = 56.8%
Maximum value of SAR (measured) = 0.511 W/kg



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

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Date: 2020/7/13

Report No. :ES/2020/30005

WLAN 802.11ac(80M) 5.8G_Head_Le Cheek_CH 155_Chain 0_Ant4

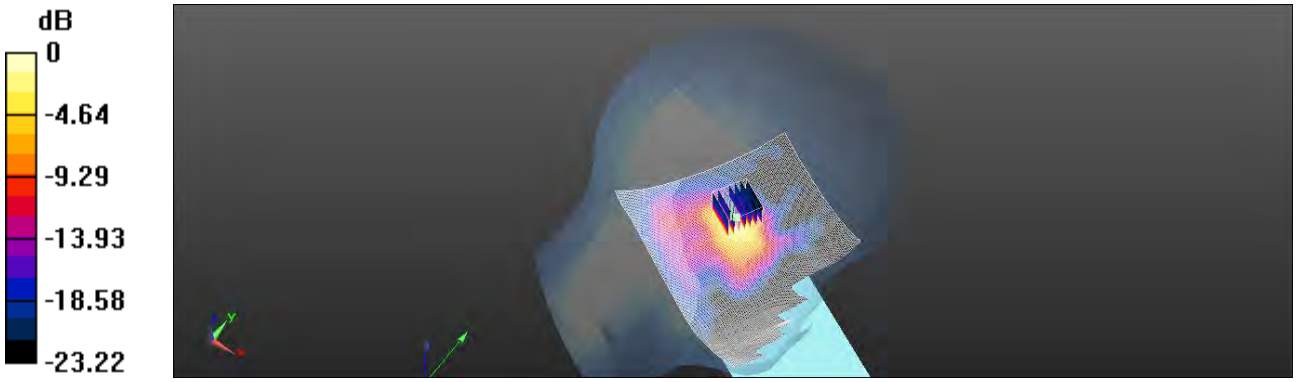
Communication System: Wi-Fi; Frequency: 5775 MHz; Duty cycle= 1:1
Medium parameters used: f = 5775 MHz; σ = 5.308 S/m; ε_r = 34.656; ρ = 1000 kg/m^3
Phantom section: Left Section
Ambient temperature: 21.4°C; Liquid temperature: 21.7℃

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(4.9, 4.9, 4.9) @ 5775 MHz; Calibrated: 2020/5/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2020/3/17
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (121x201x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.635 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 8.464 V/m; Power Drift = -0.13 dB
Peak SAR (extrapolated) = 1.06 W/kg
SAR(1 g) = 0.512 W/kg; SAR(10 g) = 0.264 W/kg
Smallest distance from peaks to all points 3 dB below = 6.1 mm
Ratio of SAR at M2 to SAR at M1 = 54.3%
Maximum value of SAR (measured) = 0.498 W/kg



0 dB = 0.498 W/kg = -3.03 dBW/kg

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Date: 2020/7/5

Report No. :ES/2020/30005

WLAN 802.11b_Body worn_Back side_CH 11_Chain0_Ant4_15mm

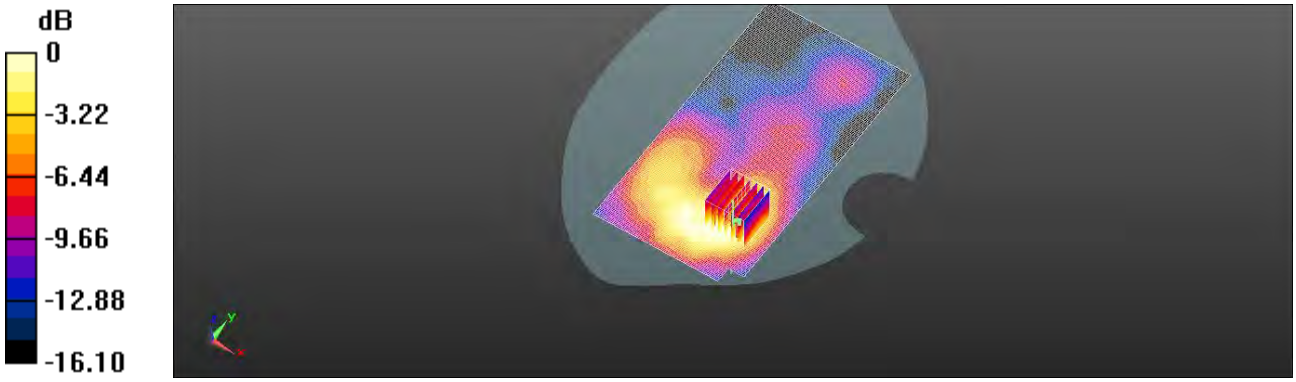
Communication System: WLAN 2.45G; Frequency: 2462 MHz; Duty cycle= 1:1
Medium parameters used: f = 2462 MHz; σ = 1.783 S/m; ε_r = 38.884; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.3°C; Liquid temperature: 22.0℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(7.51, 7.51, 7.51) @ 2462 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x171x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.0983 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.875 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.109 W/kg
SAR(1 g) = 0.082 W/kg; SAR(10 g) = 0.056 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 68.7%
Maximum value of SAR (measured) = 0.0933 W/kg



0 dB = 0.0939 W/kg = -10.27 dBW/kg

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Date: 2020/7/10

Report No. :ES/2020/30005

WLAN 802.11n(40M) 5.2G_Body worn_Back side_CH 46_Chain0_Ant4_15mm

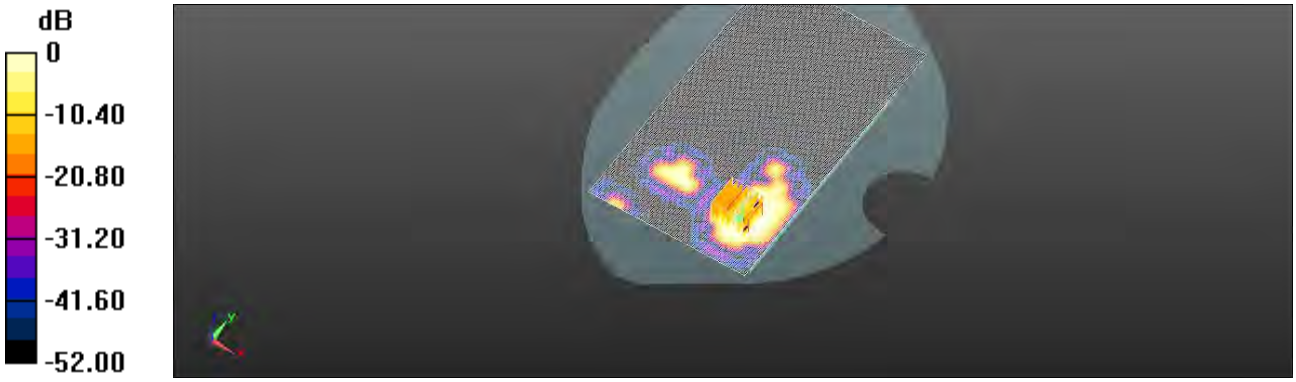
Communication System: WLAN 5G; Frequency: 5230 MHz; Duty cycle= 1:1
Medium parameters used: f = 5230 MHz; σ = 4.734 S/m; ε_r = 35.583; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.1°C; Liquid temperature: 21.8℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(5.33, 5.33, 5.33) @ 5230 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (121x211x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.142 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.273 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 0.186 W/kg
SAR(1 g) = 0.087 W/kg; SAR(10 g) = 0.043 W/kg
Smallest distance from peaks to all points 3 dB below = 9.7 mm
Ratio of SAR at M2 to SAR at M1 = 66.2%
Maximum value of SAR (measured) = 0.119 W/kg



0 dB = 0.119 W/kg = -9.24 dBW/kg

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Date: 2020/7/11

Report No. :ES/2020/30005

WLAN 802.11a 5.3G_Body worn_Back side_CH 52_Chain0_Ant4_15mm

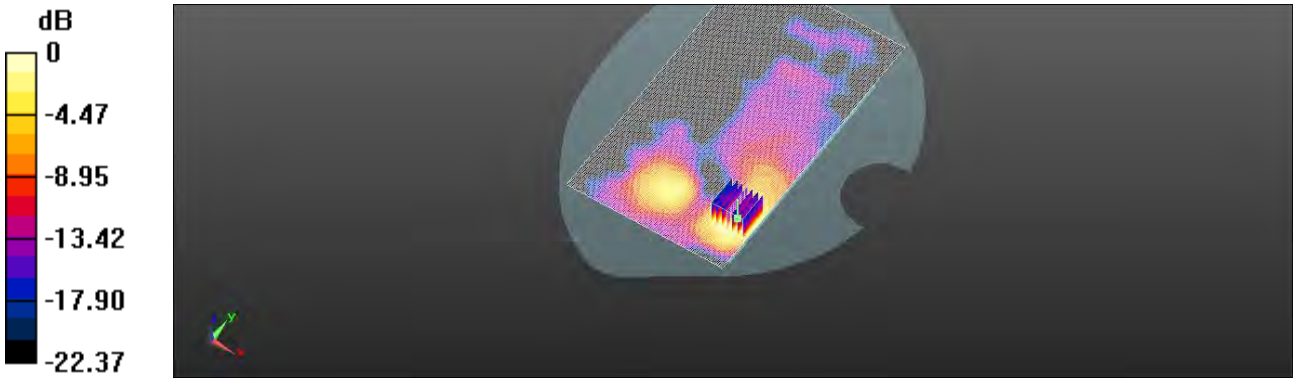
Communication System: Wi-Fi; Frequency: 5260 MHz; Duty cycle= 1:1
Medium parameters used: f = 5260 MHz; σ = 4.787 S/m; ε_r = 35.478; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.5°C; Liquid temperature: 22.1℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(5.23, 5.23, 5.23) @ 5260 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (121x211x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.0993 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.389 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.146 W/kg
SAR(1 g) = 0.085 W/kg; SAR(10 g) = 0.047 W/kg
Smallest distance from peaks to all points 3 dB below = 11.9 mm
Ratio of SAR at M2 to SAR at M1 = 67.6%
Maximum value of SAR (measured) = 0.101 W/kg



0 dB = 0.101 W/kg = -9.96 dBW/kg

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Date: 2020/7/12

Report No. :ES/2020/30005

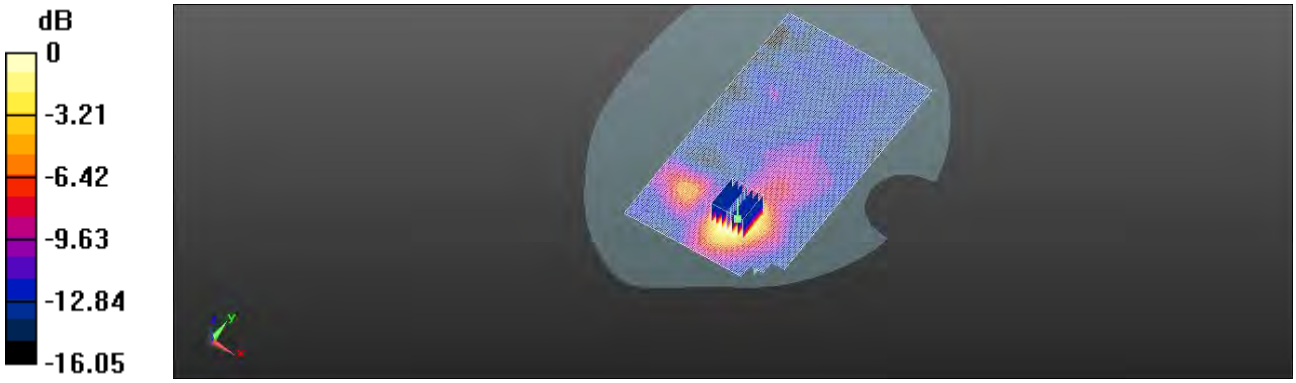
WLAN 802.11ac(80M) 5.6G_Body worn_Back side_CH 138_Chain0_Ant4_15mm

Communication System: Wi-Fi; Frequency: 5690 MHz; Duty cycle= 1:1
Medium parameters used: f = 5690 MHz; σ = 5.234 S/m; ε_r = 34.835; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.9°C; Liquid temperature: 21.5℃
DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(4.79, 4.79, 4.79) @ 5610 MHz; Calibrated: 2020/5/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2020/3/17
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (111x191x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.0918 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 3.396 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.143 W/kg
SAR(1 g) = 0.082 W/kg; SAR(10 g) = 0.050 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 58.6%
Maximum value of SAR (measured) = 0.0814 W/kg



0 dB = 0.0814 W/kg = -10.95 dBW/kg

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Date: 2020/7/13

Report No. :ES/2020/30005

WLAN 802.11ac(80M) 5.8G_Body worn_Back side_CH 155_Chain0_Ant4_15mm

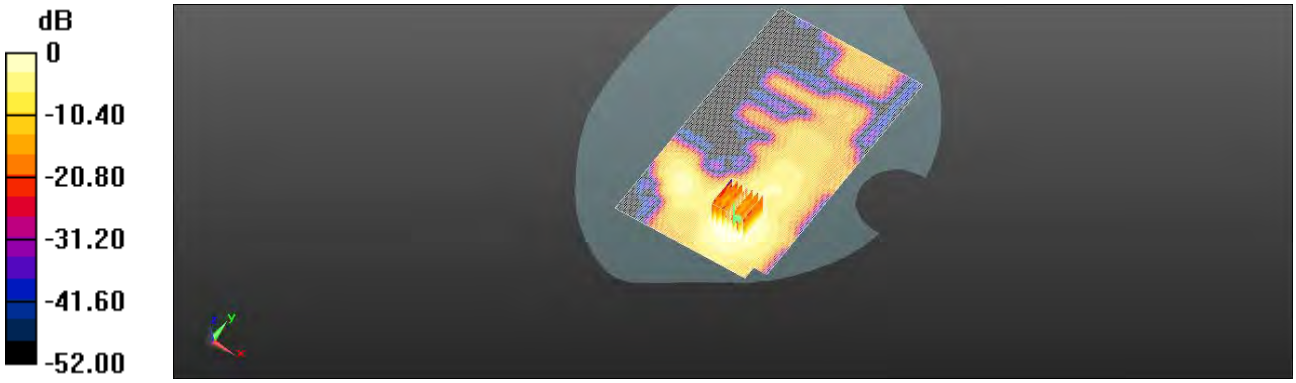
Communication System: WLAN 5G; Frequency: 5775 MHz; Duty cycle= 1:1
Medium parameters used: f = 5775 MHz; σ = 5.308 S/m; ε_r = 34.656; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.4°C; Liquid temperature: 21.7℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(4.85, 4.85, 4.85) @ 5775 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (111x191x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.0906 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.769 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 0.145 W/kg
SAR(1 g) = 0.082 W/kg; SAR(10 g) = 0.046 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 57.4%
Maximum value of SAR (measured) = 0.0889 W/kg



0 dB = 0.0889 W/kg = -10.56 dBW/kg

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Date: 2020/7/5

Report No. :ES/2020/30005

WLAN 802.11n(40M) 5.2G_Body worn_Back side_CH 46_Chain0_Ant6_15mm

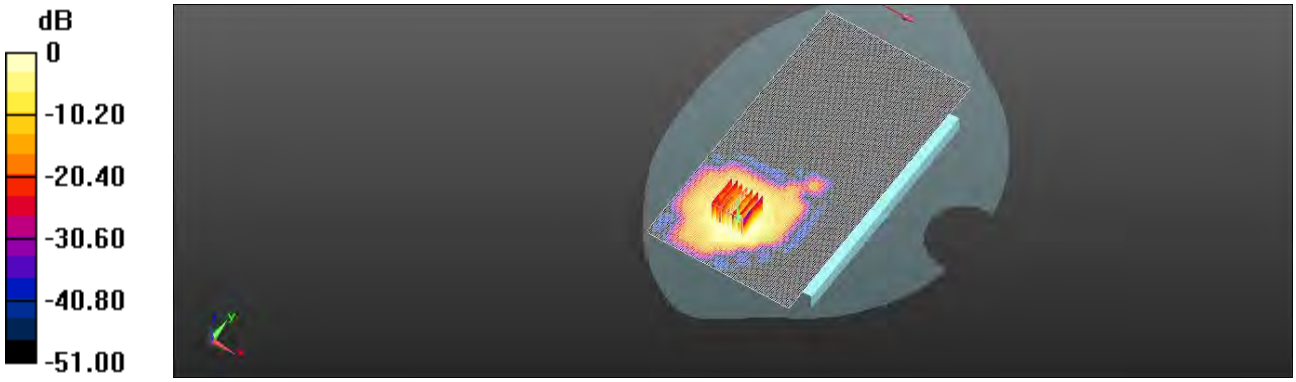
Communication System: Wi-Fi; Frequency: 5230 MHz; Duty cycle= 1:1
Medium parameters used: f = 5230 MHz; σ = 4.748 S/m; ε_r = 35.528; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.4°C; Liquid temperature: 21.8℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(5.33, 5.33, 5.33) @ 5230 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (111x211x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.339 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.202 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.476 W/kg
SAR(1 g) = 0.226 W/kg; SAR(10 g) = 0.099 W/kg
Smallest distance from peaks to all points 3 dB below = 9.5 mm
Ratio of SAR at M2 to SAR at M1 = 65.2%
Maximum value of SAR (measured) = 0.346 W/kg



0 dB = 0.346 W/kg = -4.61 dBW/kg

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Date: 2020/7/6

Report No. :ES/2020/30005

WLAN 802.11a 5.3G_Body worn_Back side_CH 52_Chain0_Ant6_15mm

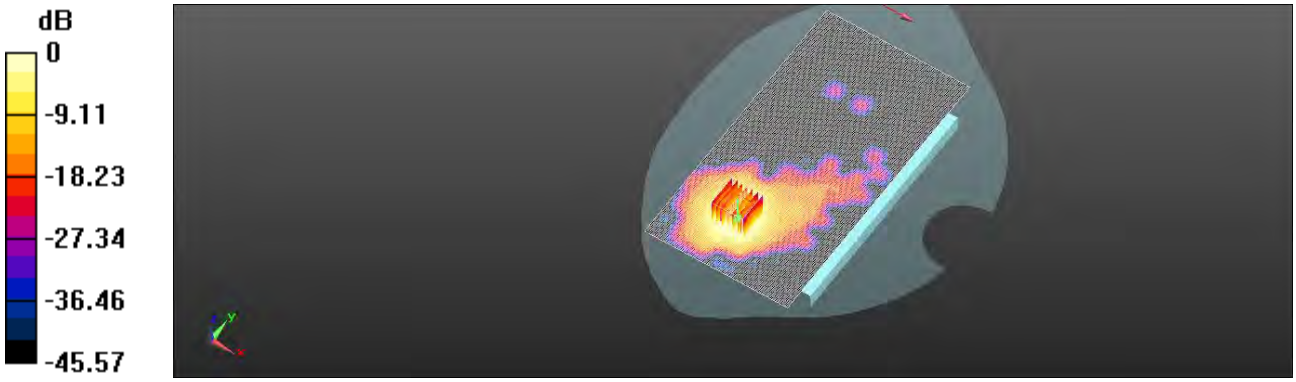
Communication System: WLAN 5G; Frequency: 5260 MHz; Duty cycle= 1:1
Medium parameters used: f = 5260 MHz; σ = 4.796 S/m; ε_r = 35.513; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.0°C; Liquid temperature: 21.6℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(5.23, 5.23, 5.23) @ 5260 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (111x211x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.620 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.791 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 0.862 W/kg
SAR(1 g) = 0.445 W/kg; SAR(10 g) = 0.212 W/kg
Smallest distance from peaks to all points 3 dB below = 10.6 mm
Ratio of SAR at M2 to SAR at M1 = 65.5%
Maximum value of SAR (measured) = 0.620 W/kg



0 dB = 0.620 W/kg = -2.08 dBW/kg

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Date: 2020/7/7

Report No. :ES/2020/30005

WLAN 802.11ac(80M) 5.6G_Body worn_Back side_CH 138_Chain0_Ant6_15mm

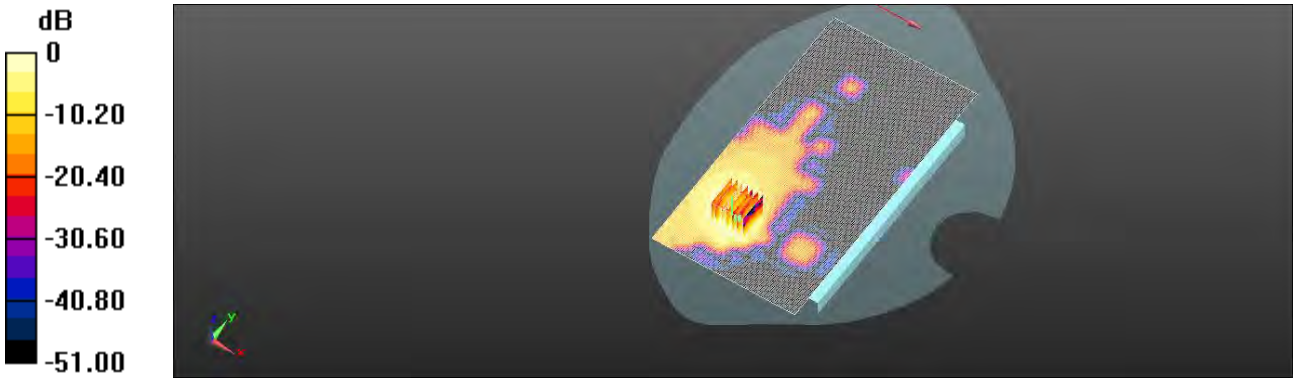
Communication System: WLAN 5G; Frequency: 5690 MHz; Duty cycle= 1:1
Medium parameters used: f = 5690 MHz; σ = 5.233 S/m; ε_r = 34.727; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.6°C; Liquid temperature: 22.1℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(4.64, 4.64, 4.64) @ 5690 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (111x211x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.293 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.318 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 0.389 W/kg
SAR(1 g) = 0.211 W/kg; SAR(10 g) = 0.099 W/kg
Smallest distance from peaks to all points 3 dB below = 7.7 mm
Ratio of SAR at M2 to SAR at M1 = 73.1%
Maximum value of SAR (measured) = 0.311 W/kg



0 dB = 0.311 W/kg = -5.07 dBW/kg

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Date: 2020/7/8

Report No. :ES/2020/30005

WLAN 802.11ac(80M) 5.8G_Body worn_Back side_CH 155_Chain0_Ant6_15mm

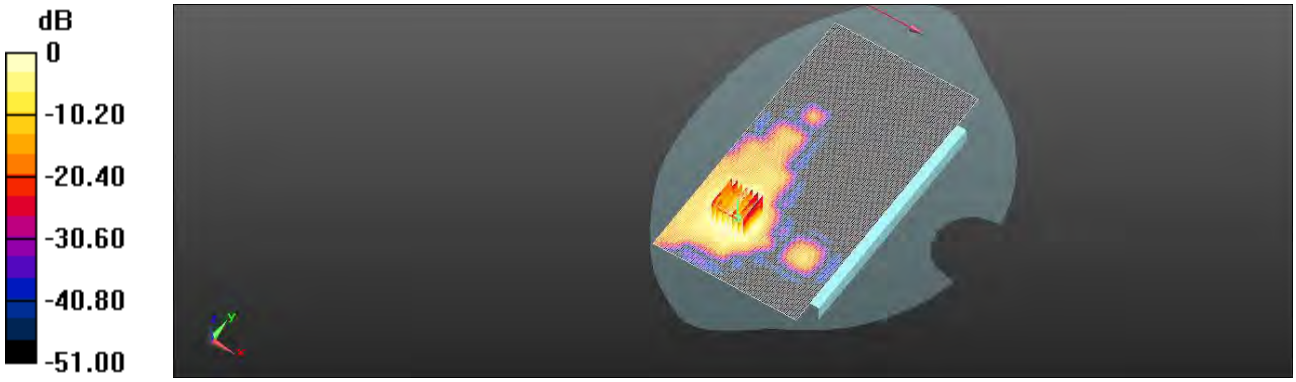
Communication System: WLAN 5G; Frequency: 5775 MHz; Duty cycle= 1:1
Medium parameters used: f = 5775 MHz; σ = 5.313 S/m; ε_r = 34.566; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.5°C; Liquid temperature: 21.9℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(4.85, 4.85, 4.85) @ 5775 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (111x211x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.301 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.541 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 0.418 W/kg
SAR(1 g) = 0.215 W/kg; SAR(10 g) = 0.098 W/kg
Smallest distance from peaks to all points 3 dB below = 8.3 mm
Ratio of SAR at M2 to SAR at M1 = 67.7%
Maximum value of SAR (measured) = 0.323 W/kg



0 dB = 0.323 W/kg = -4.91 dBW/kg

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Date: 2020/7/5

Report No. :ES/2020/30005

WLAN 802.11n(40M) 5.2G_Body worn_Back side_CH 46_Chain1_Ant5_15mm

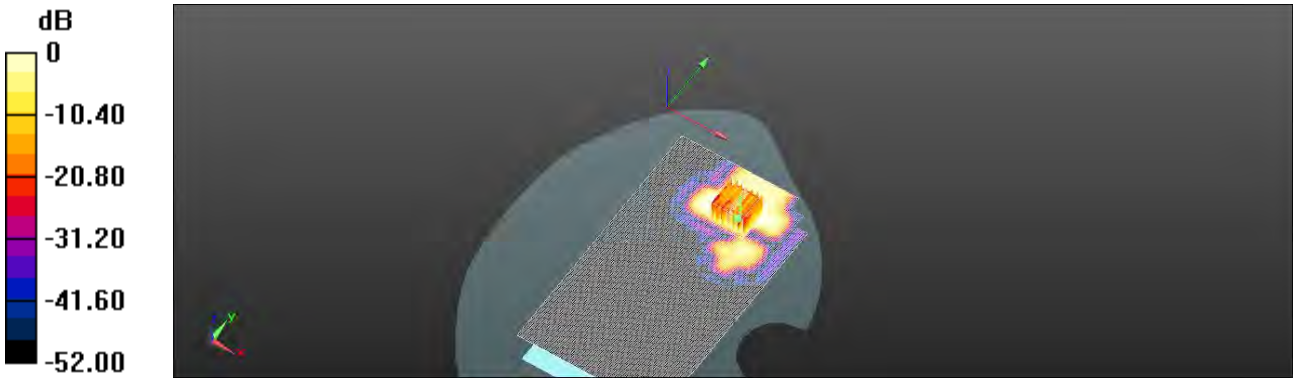
Communication System: WLAN 5G; Frequency: 5230 MHz; Duty cycle= 1:1
Medium parameters used: f = 5230 MHz; σ = 4.748 S/m; ε_r = 35.528; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.4°C; Liquid temperature: 21.8℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(5.33, 5.33, 5.33) @ 5230 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (111x191x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.237 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.011 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.519 W/kg
SAR(1 g) = 0.095 W/kg; SAR(10 g) = 0.041 W/kg
Smallest distance from peaks to all points 3 dB below = 11.6 mm
Ratio of SAR at M2 to SAR at M1 = 66.4%
Maximum value of SAR (measured) = 0.146 W/kg



0 dB = 0.146 W/kg = -8.36 dBW/kg

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Date: 2020/7/6

Report No. :ES/2020/30005

WLAN 802.11n(20M) 5.3G_Body worn_Back side_CH60_Chain1_Ant5_15mm

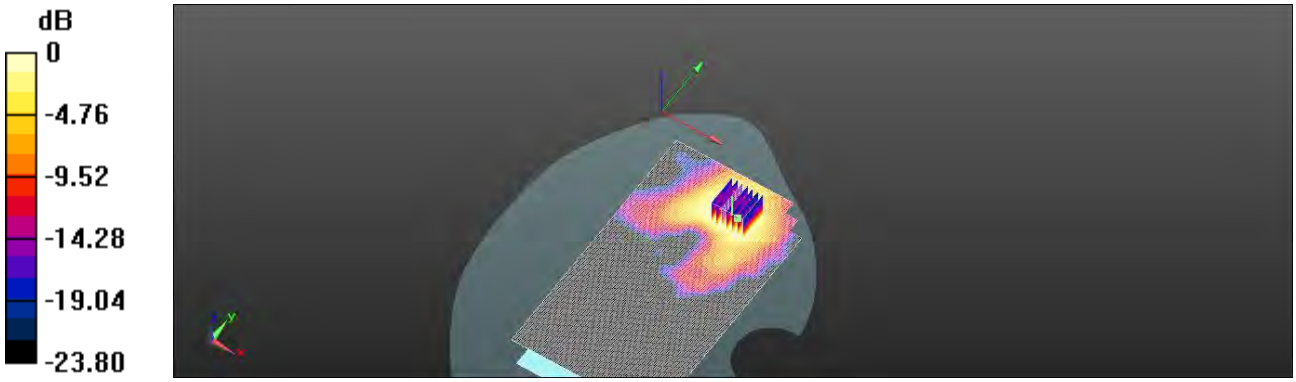
Communication System: WLAN 5G; Frequency: 5300 MHz; Duty cycle= 1:1
Medium parameters used: f = 5300 MHz; σ = 4.821 S/m; ε_r = 35.335; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.0°C; Liquid temperature: 21.6℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(5.23, 5.23, 5.23) @ 5300 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (111x191x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.211 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.779 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 0.328 W/kg
SAR(1 g) = 0.148 W/kg; SAR(10 g) = 0.071 W/kg
Smallest distance from peaks to all points 3 dB below = 9.7 mm
Ratio of SAR at M2 to SAR at M1 = 63.9%
Maximum value of SAR (measured) = 0.199 W/kg



0 dB = 0.199 W/kg = -7.01 dBW/kg

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Date: 2020/7/7

Report No. :ES/2020/30005

WLAN 802.11a 5.6G_Body worn_Back side_CH 100_Chain1_Ant5_15mm

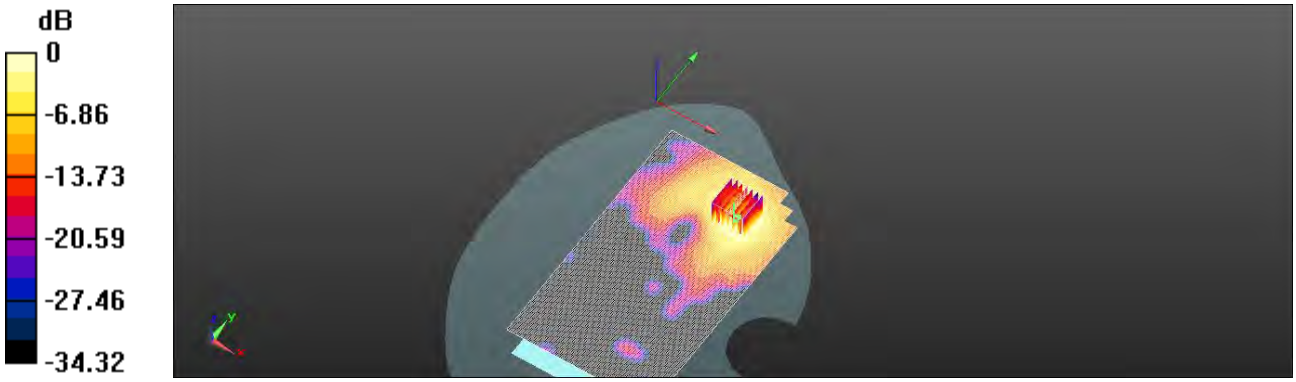
Communication System: WLAN 5G; Frequency: 5500 MHz; Duty cycle= 1:1
Medium parameters used: f = 5500 MHz; σ = 5.044 S/m; ε_r = 35.227; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.6°C; Liquid temperature: 22.1℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(4.64, 4.64, 4.64) @ 5500 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (111x191x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.428 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.636 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.535 W/kg
SAR(1 g) = 0.315 W/kg; SAR(10 g) = 0.155 W/kg
Smallest distance from peaks to all points 3 dB below = 8.4 mm
Ratio of SAR at M2 to SAR at M1 = 73.5%
Maximum value of SAR (measured) = 0.442 W/kg



0 dB = 0.442 W/kg = -3.55 dBW/kg

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Date: 2020/7/8

Report No. :ES/2020/30005

WLAN 802.11ac(80M) 5.8G_Body worn_Back side_CH 155_Chain1_Ant5_15mm

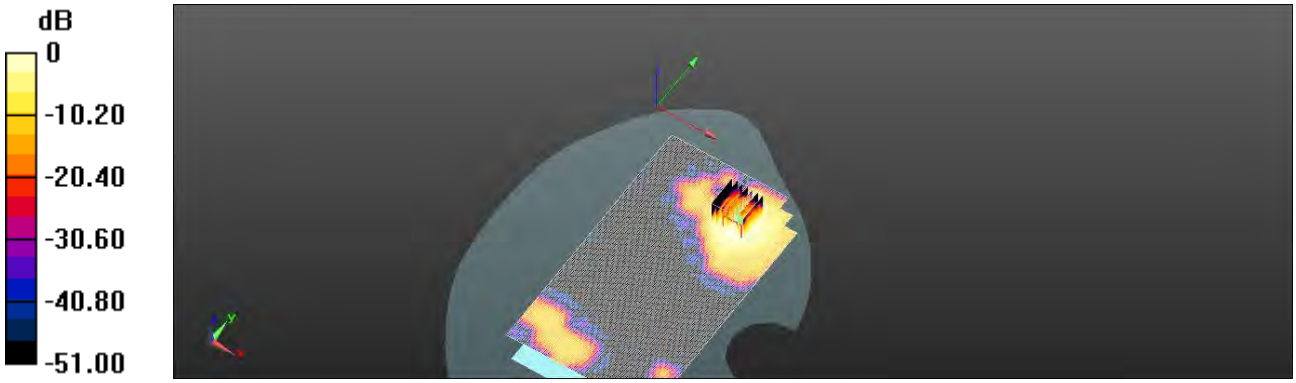
Communication System: Wi-Fi; Frequency: 5775 MHz; Duty cycle= 1:1
Medium parameters used: f = 5775 MHz; σ = 5.313 S/m; ε_r = 34.566; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.5°C; Liquid temperature: 21.9℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(4.85, 4.85, 4.85) @ 5775 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (111x191x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.287 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.101 V/m; Power Drift = 0.18 dB
Peak SAR (extrapolated) = 0.328 W/kg
SAR(1 g) = 0.204 W/kg; SAR(10 g) = 0.101 W/kg
Smallest distance from peaks to all points 3 dB below = 8.1 mm
Ratio of SAR at M2 to SAR at M1 = 71.9%
Maximum value of SAR (measured) = 0.280 W/kg



0 dB = 0.280 W/kg = -5.53 dBW/kg

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Date: 2020/8/10

Report No. :ES/2020/30005

WLAN 802.11b_Product specific 10g-SAR_Back side_CH 11_Chain0_Ant4_0mm

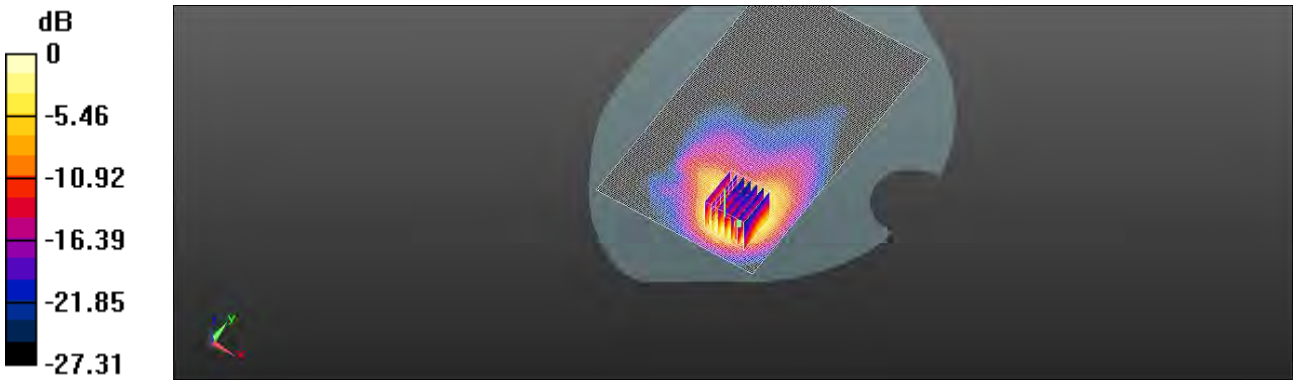
Communication System: Wi-Fi; Frequency: 2462 MHz; Duty cycle= 1:1
Medium parameters used: f = 2462 MHz; σ = 1.772 S/m; ε_r = 38.877; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.2°C; Liquid temperature: 22.4℃

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.4, 7.4, 7.4) @ 2462 MHz; Calibrated: 2020/05/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x171x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 4.87 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.939 V/m; Power Drift = 0.15 dB
Peak SAR (extrapolated) = 4.94 W/kg
SAR(1 g) = 2.38 W/kg; SAR(10 g) = 1.08 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 50.6%
Maximum value of SAR (measured) = 3.66 W/kg



0 dB = 3.66 W/kg = 5.63 dBW/kg

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Date: 2020/8/10

Report No. :ES/2020/30005

BLE_1M_Product specific 10g-SAR_Back side_CH 18_Chain0_Ant4_0mm

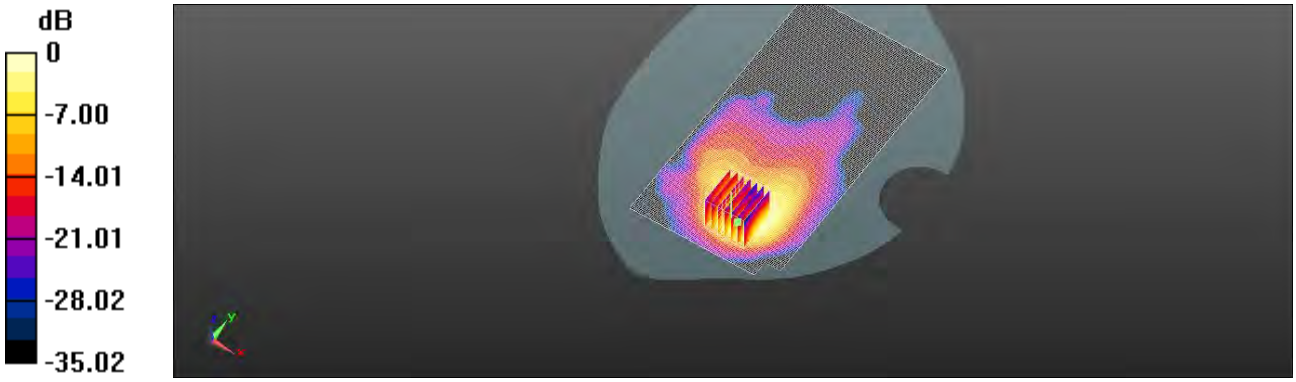
Communication System: Bluetooth; Frequency: 2442 MHz; Duty cycle= 1:1
Medium parameters used: f = 2442 MHz; σ = 1.738 S/m; ε_r = 38.882; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.2°C; Liquid temperature: 22.4℃

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.4, 7.4, 7.4) @ 2442 MHz; Calibrated: 2020/05/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x171x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 1.16 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.713 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 1.39 W/kg
SAR(1 g) = 0.659 W/kg; SAR(10 g) = 0.301 W/kg
Smallest distance from peaks to all points 3 dB below = 8.1 mm
Ratio of SAR at M2 to SAR at M1 = 51.9%
Maximum value of SAR (measured) = 0.999 W/kg



0 dB = 0.999 W/kg = -0.00 dBW/kg

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Date: 2020/8/11

Report No. :ES/2020/30005

WLAN 802.11n(40M) 5.2G_Product specific 10g-SAR_Back side_CH 46_Chain0_Ant4_0mm

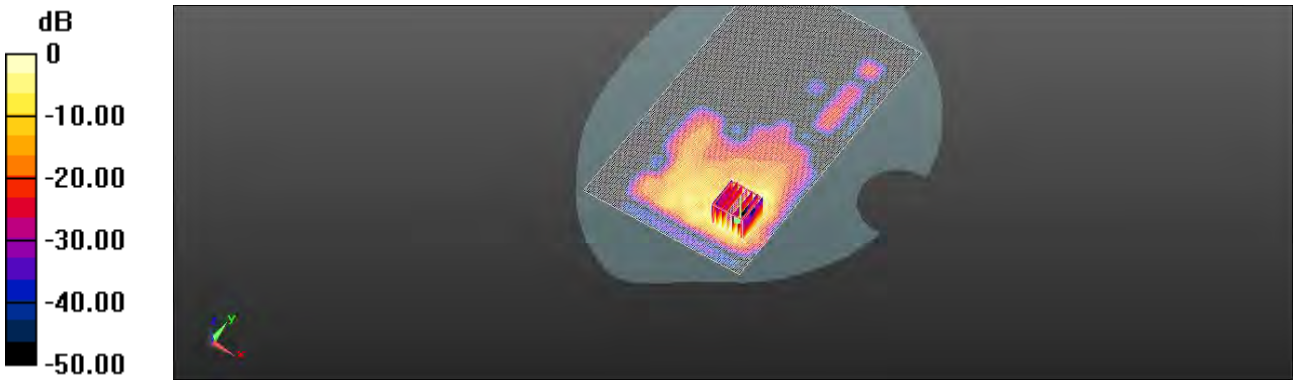
Communication System: Wi-Fi; Frequency: 5230 MHz; Duty cycle= 1:1
Medium parameters used: f = 5230 MHz; σ = 4.722 S/m; ε_r = 35.573; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.3°C; Liquid temperature: 22.6℃

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(5.4, 5.4, 5.4) @ 5230 MHz; Calibrated: 2020/05/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (121x211x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 6.42 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.124 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 9.99 W/kg
SAR(1 g) = 2.49 W/kg; SAR(10 g) = 0.731 W/kg
Smallest distance from peaks to all points 3 dB below = 4.7 mm
Ratio of SAR at M2 to SAR at M1 = 56.2%
Maximum value of SAR (measured) = 4.83 W/kg



0 dB = 4.83 W/kg = 6.84 dBW/kg

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Date: 2020/8/12

Report No. :ES/2020/30005

WLAN 802.11a 5.3G_Product specific 10g-SAR_Back side_CH 52_Chain0_Ant4_0mm

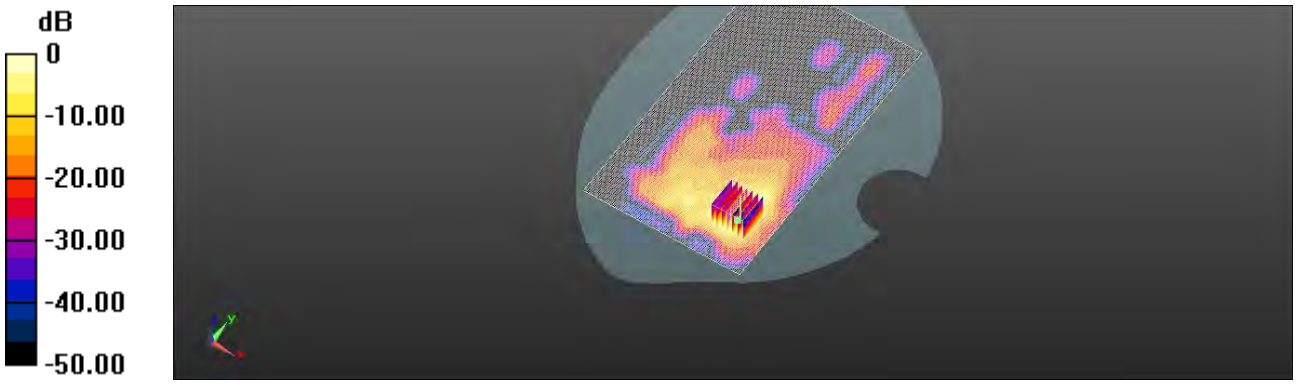
Communication System: Wi-Fi; Frequency: 5260 MHz; Duty cycle= 1:1
Medium parameters used: f = 5260 MHz; σ = 4.776 S/m; ε_r = 35.477; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.5°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(5.4, 5.4, 5.4) @ 5260 MHz; Calibrated: 2020/05/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (121x211x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 4.49 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.364 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 6.52 W/kg
SAR(1 g) = 2.23 W/kg; SAR(10 g) = 0.846 W/kg
Smallest distance from peaks to all points 3 dB below = 5.7 mm
Ratio of SAR at M2 to SAR at M1 = 56.7%
Maximum value of SAR (measured) = 3.16 W/kg



0 dB = 3.16 W/kg = 5.00 dBW/kg

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Date: 2020/8/13

Report No. :ES/2020/30005

WLAN 802.11ac(80M) 5.6G_Product specific 10g-SAR_Back side_CH 138_Chain0_Ant4_0mm

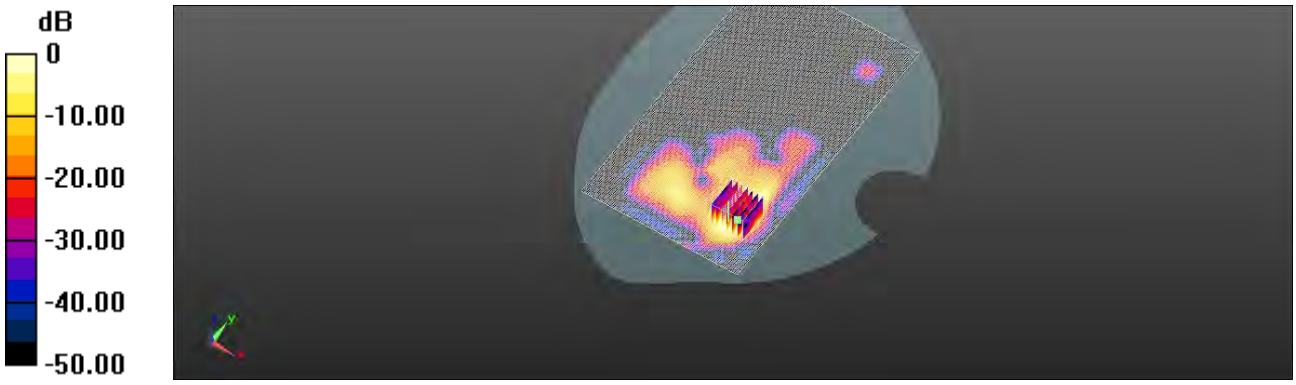
Communication System: WLAN 5G; Frequency: 5690 MHz; Duty cycle= 1:1
Medium parameters used: f = 5690 MHz; σ = 5.217 S/m; ε_r = 34.818; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.2°C; Liquid temperature: 21.9℃

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(4.9, 4.9, 4.9) @ 5690 MHz; Calibrated: 2020/05/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (121x211x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 1.26 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.811 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 2.11 W/kg
SAR(1 g) = 0.740 W/kg; SAR(10 g) = 0.320 W/kg
Smallest distance from peaks to all points 3 dB below = 5.3 mm
Ratio of SAR at M2 to SAR at M1 = 48%
Maximum value of SAR (measured) = 0.778 W/kg



0 dB = 0.778 W/kg = -1.09 dBW/kg

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Date: 2020/8/14

Report No. :ES/2020/30005

WLAN 802.11ac(80M) 5.8G_Product specific 10g-SAR_Back side_CH 155_Chain0_Ant4_0mm

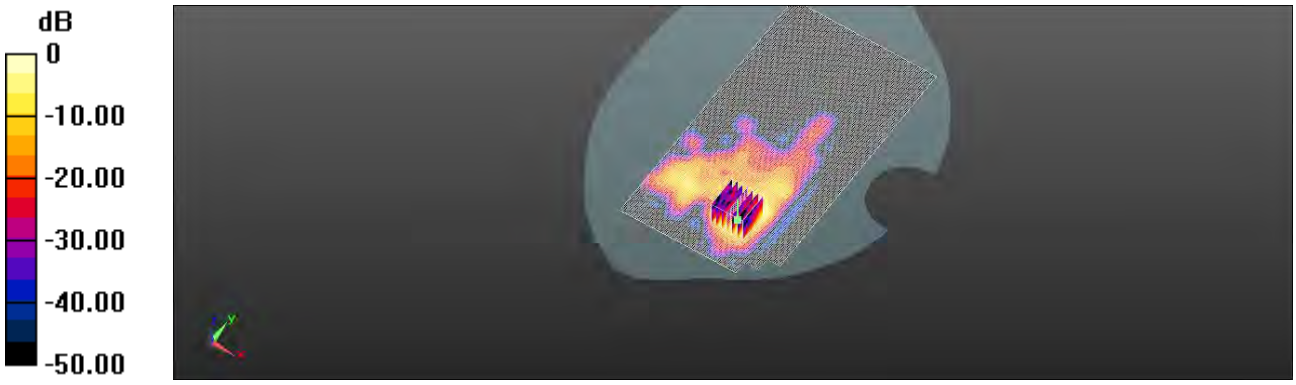
Communication System: Wi-Fi; Frequency: 5775 MHz; Duty cycle= 1:1
Medium parameters used: f = 5775 MHz; σ = 5.296 S/m; ε_r = 34.639; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.6°C; Liquid temperature: 21.9℃

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(4.9, 4.9, 4.9) @ 5775 MHz; Calibrated: 2020/05/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (111x201x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 1.20 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.256 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 3.83 W/kg
SAR(1 g) = 1.09 W/kg; SAR(10 g) = 0.381 W/kg
Smallest distance from peaks to all points 3 dB below = 5.4 mm
Ratio of SAR at M2 to SAR at M1 = 47.1%
Maximum value of SAR (measured) = 1.51 W/kg



0 dB = 1.51 W/kg = 1.79 dBW/kg

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Date: 2020/8/10

Report No. :ES/2020/30005

WLAN 802.11b_Product specific 10g-SAR_Back side_CH 11_Chain1_Ant6_0mm

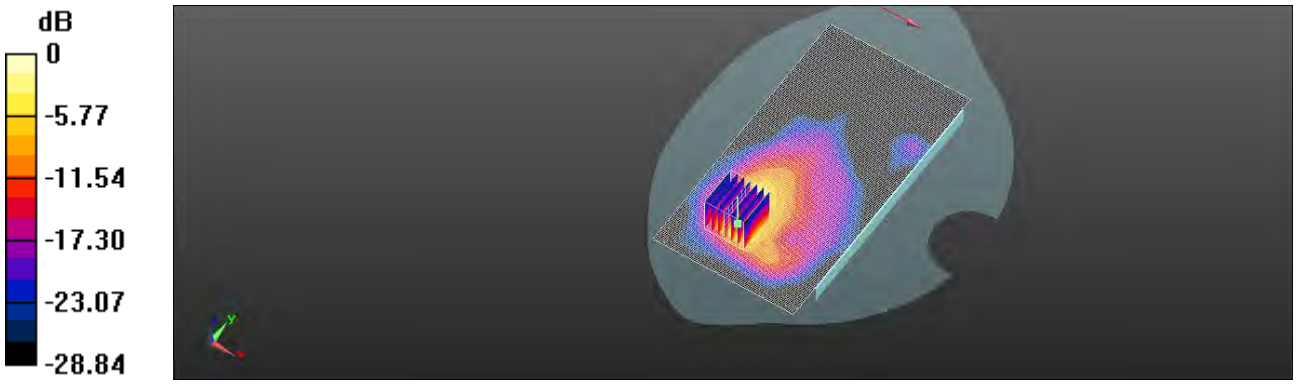
Communication System: Wi-Fi; Frequency: 2462 MHz; Duty cycle= 1:1
Medium parameters used: f = 2462 MHz; σ = 1.772 S/m; ε_r = 38.877; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.2°C; Liquid temperature: 22.4℃

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.4, 7.4, 7.4) @ 2462 MHz; Calibrated: 2020/05/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x171x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 1.95 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.518 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 4.48 W/kg
SAR(1 g) = 1.39 W/kg; SAR(10 g) = 0.518 W/kg
Smallest distance from peaks to all points 3 dB below = 6.1 mm
Ratio of SAR at M2 to SAR at M1 = 33.8%
Maximum value of SAR (measured) = 2.99 W/kg



0 dB = 2.99 W/kg = 4.76 dBW/kg

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Date: 2020/8/10

Report No. :ES/2020/30005

BLE_1M_Product specific 10g-SAR_Back side_CH 18_Chain1_Ant6_0mm

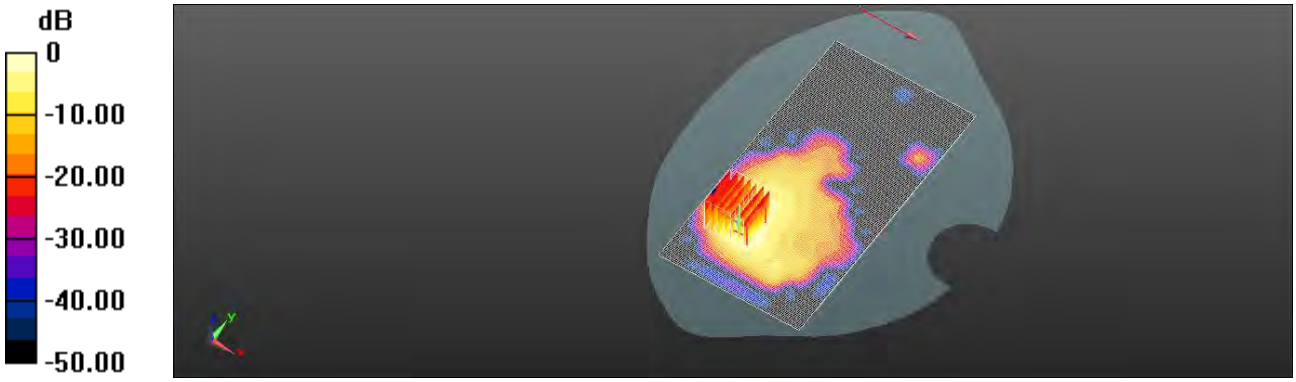
Communication System: Bluetooth; Frequency: 2442 MHz; Duty cycle= 1:1
Medium parameters used: f = 2442 MHz; σ = 1.738 S/m; ε_r = 38.882; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.2°C; Liquid temperature: 22.4℃

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.4, 7.4, 7.4) @ 2442 MHz; Calibrated: 2020/05/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x171x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.366 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.001 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 0.870 W/kg
SAR(1 g) = 0.290 W/kg; SAR(10 g) = 0.108 W/kg
Smallest distance from peaks to all points 3 dB below = 6.5 mm
Ratio of SAR at M2 to SAR at M1 = 33.8%
Maximum value of SAR (measured) = 0.575 W/kg



0 dB = 0.575 W/kg = -2.40 dBW/kg

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Date: 2020/8/11

Report No. :ES/2020/30005

WLAN 802.11n(40M) 5.2G_Product specific 10g-SAR_Back side_CH 46_Chain1_Ant6_0mm

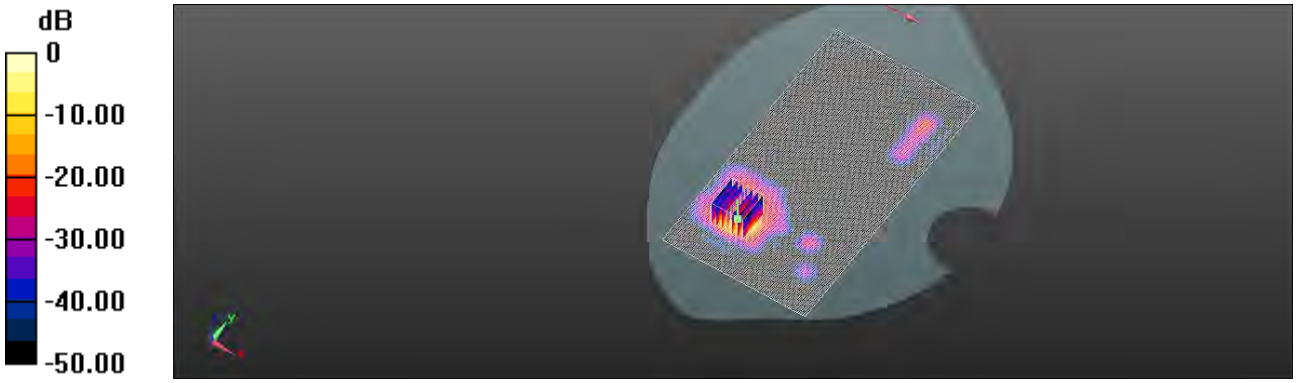
Communication System: Wi-Fi; Frequency: 5230 MHz; Duty cycle= 1:1
Medium parameters used: f = 5230 MHz; σ = 4.772 S/m; ε_r = 35.573; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.3°C; Liquid temperature: 22.6℃

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(5.4, 5.4, 5.4) @ 5230 MHz; Calibrated: 2020/05/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (111x201x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 2.03 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.847 V/m; Power Drift = 0.16 dB
Peak SAR (extrapolated) = 5.41 W/kg
SAR(1 g) = 2.01 W/kg; SAR(10 g) = 0.735 W/kg
Smallest distance from peaks to all points 3 dB below = 4.6 mm
Ratio of SAR at M2 to SAR at M1 = 49.2%
Maximum value of SAR (measured) = 2.11 W/kg



0 dB = 2.11 W/kg = 3.24 dBW/kg

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Date: 2020/8/12

Report No. :ES/2020/30005

WLAN 802.11n(20M) 5.3G_Product specific 10g-SAR_Back side_CH 60_Chain1_Ant6_0mm

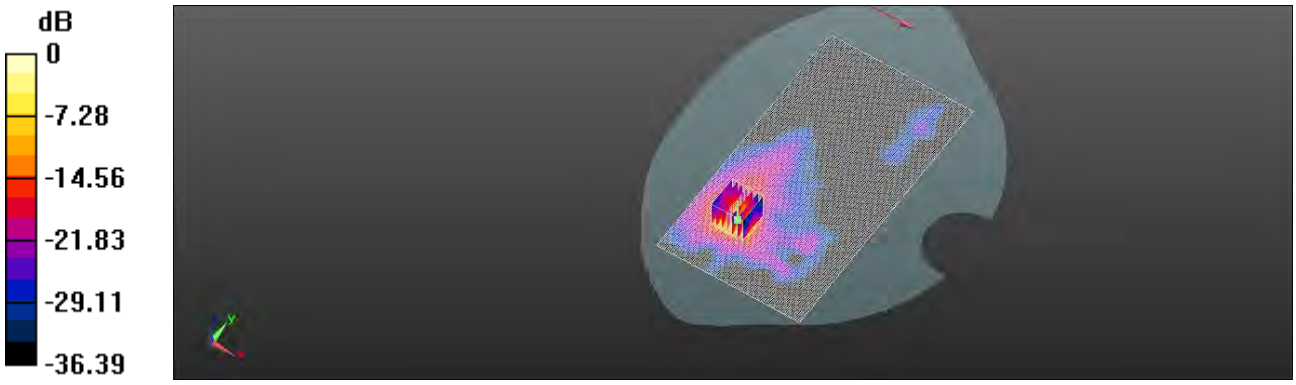
Communication System: Wi-Fi; Frequency: 5300 MHz; Duty cycle= 1:1
Medium parameters used: f = 5300 MHz; σ = 4.819 S/m; ε_r = 35.421; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.5°C; Liquid temperature: 22.3℃

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(5.4, 5.4, 5.4) @ 5300 MHz; Calibrated: 2020/05/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (111x201x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.933 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.663 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 2.73 W/kg
SAR(1 g) = 1.91 W/kg; SAR(10 g) = 1.02 W/kg
Smallest distance from peaks to all points 3 dB below = 5.6 mm
Ratio of SAR at M2 to SAR at M1 = 65.1%
Maximum value of SAR (measured) = 1.93 W/kg



0 dB = 1.93 W/kg = 2.86 dBW/kg

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Date: 2020/8/13

Report No. :ES/2020/30005

WLAN 802.11a 5.6G_Product specific 10g-SAR_Back side_CH 100_Chain1_Ant6_0mm

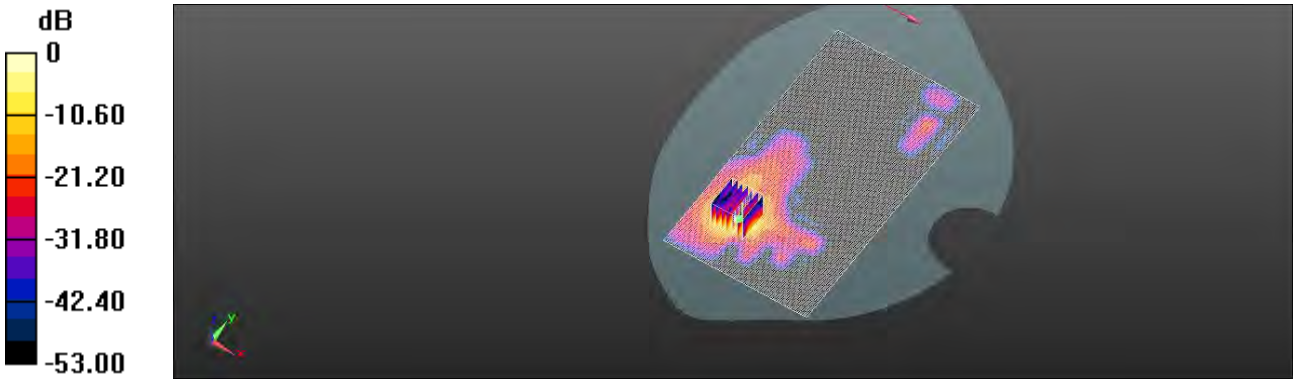
Communication System: Wi-Fi; Frequency: 5500 MHz; Duty cycle= 1:1
Medium parameters used: f = 5500 MHz; σ = 5.026 S/m; ε_r = 35.392; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.2°C; Liquid temperature: 21.9℃

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(4.79, 4.79, 4.79) @ 5500 MHz; Calibrated: 2020/05/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (111x201x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 1.80 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.012 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 6.15 W/kg
SAR(1 g) = 2.22 W/kg; SAR(10 g) = 0.845 W/kg
Smallest distance from peaks to all points 3 dB below = 4.3 mm
Ratio of SAR at M2 to SAR at M1 = 45%
Maximum value of SAR (measured) = 2.01 W/kg



0 dB = 2.01 W/kg = 3.03 dBW/kg

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Date: 2020/8/14

Report No. :ES/2020/30005

WLAN 802.11ac(80M) 5.8G_Product specific 10g-SAR_Back side_CH 155_Chain1_Ant6_0mm

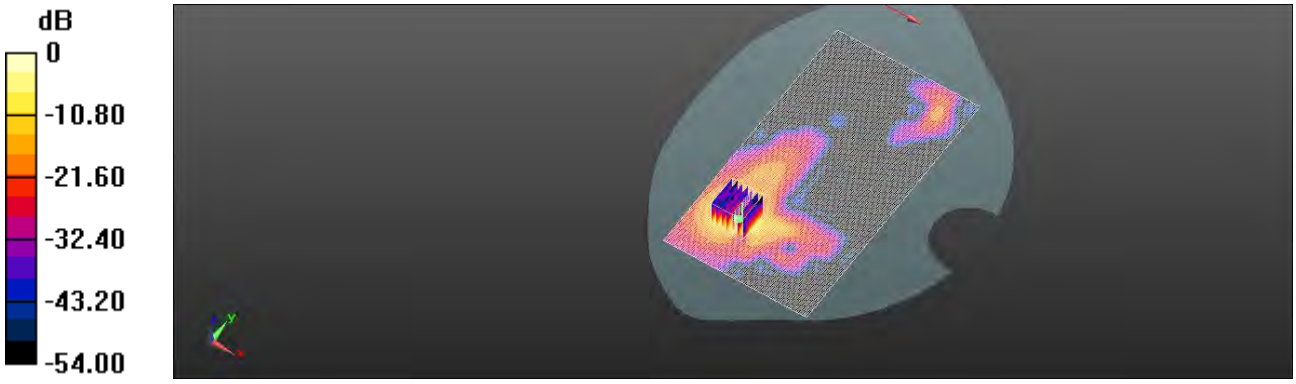
Communication System: Wi-Fi; Frequency: 5775 MHz; Duty cycle= 1:1
Medium parameters used: f = 5775 MHz; σ = 5.296 S/m; ε_r = 34.639; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.6°C; Liquid temperature: 21.9℃

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(4.9, 4.9, 4.9) @ 5775 MHz; Calibrated: 2020/05/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (111x201x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 2.08 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.987 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 8.80 W/kg
SAR(1 g) = 2.95 W/kg; SAR(10 g) = 1.07 W/kg
Smallest distance from peaks to all points 3 dB below = 5.2 mm
Ratio of SAR at M2 to SAR at M1 = 48.9%
Maximum value of SAR (measured) = 2.57 W/kg



0 dB = 2.57 W/kg = 4.10 dBW/kg

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Date: 2020/8/10

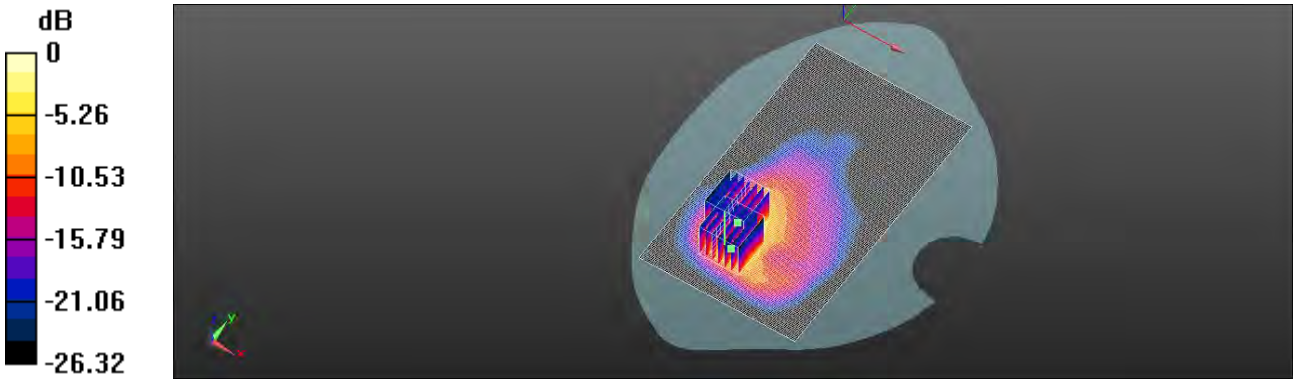
Report No. :ES/2020/30005

WLAN 802.11b_Product specific 10g-SAR_Back side_CH1_Chain0_Ant6_0mm

Communication System: Wi-Fi; Frequency: 2412 MHz; Duty cycle= 1:1
Medium parameters used: f = 2412 MHz; σ = 1.699 S/m; ε_r = 38.946; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.2°C; Liquid temperature: 22.4℃
DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.4, 7.4, 7.4) @ 2412 MHz; Calibrated: 2020/05/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x171x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 2.51 W/kg
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.542 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 5.86 W/kg
SAR(1 g) = 1.95 W/kg; SAR(10 g) = 0.727 W/kg
Smallest distance from peaks to all points 3 dB below = 6.5 mm
Ratio of SAR at M2 to SAR at M1 = 40.4%
Maximum value of SAR (measured) = 3.68 W/kg
Zoom Scan (7x7x7)/Cube 1: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 6.542 V/m; Power Drift = 0.19 dB
Peak SAR (extrapolated) = 5.60 W/kg
SAR(1 g) = 1.27 W/kg; SAR(10 g) = 0.619 W/kg
Smallest distance from peaks to all points 3 dB below = 5.3 mm
Ratio of SAR at M2 to SAR at M1 = 33.9%
TEMP(text too long) Maximum value of SAR (measured) = 3.43 W/kg



0 dB = 3.43 W/kg = 5.35 dBW/kg

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Date: 2020/8/10

Report No. :ES/2020/30005

BLE_1M_Product specific 10g-SAR_Back side_CH 18_Chain0_Ant6_0mm

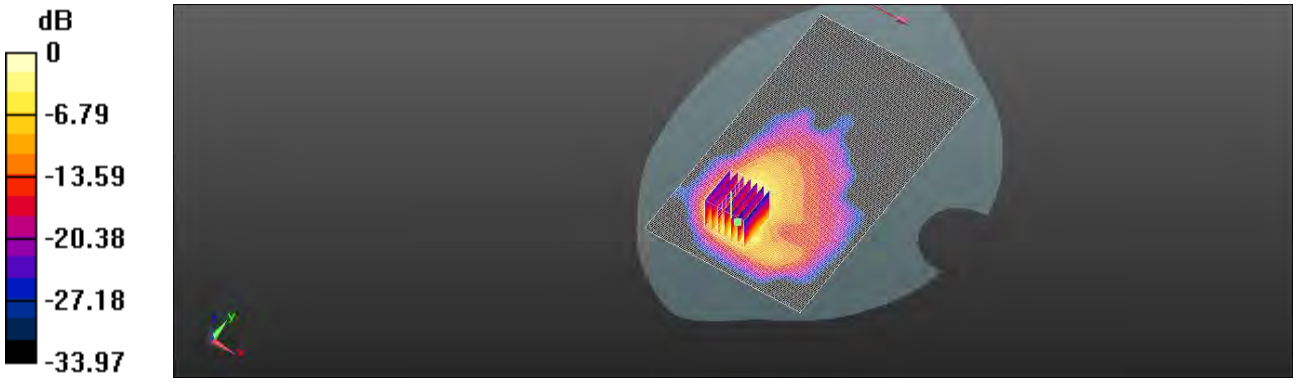
Communication System: Bluetooth; Frequency: 2442 MHz; Duty cycle= 1:1
Medium parameters used: f = 2442 MHz; σ = 1.738 S/m; ε_r = 38.82; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.2°C; Liquid temperature: 22.4℃

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.4, 7.4, 7.4) @ 2442 MHz; Calibrated: 2020/05/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x171x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 1.43 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.533 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 2.09 W/kg
SAR(1 g) = 0.687 W/kg; SAR(10 g) = 0.258 W/kg
Smallest distance from peaks to all points 3 dB below = 7.4 mm
Ratio of SAR at M2 to SAR at M1 = 33.7%
Maximum value of SAR (measured) = 1.36 W/kg



0 dB = 1.36 W/kg = 1.34 dBW/kg

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Date: 2020/8/11

Report No. :ES/2020/30005

WLAN 802.11n(40M) 5.2G_Product specific 10g-SAR_Back side_CH 46_Chain0_Ant6_0mm

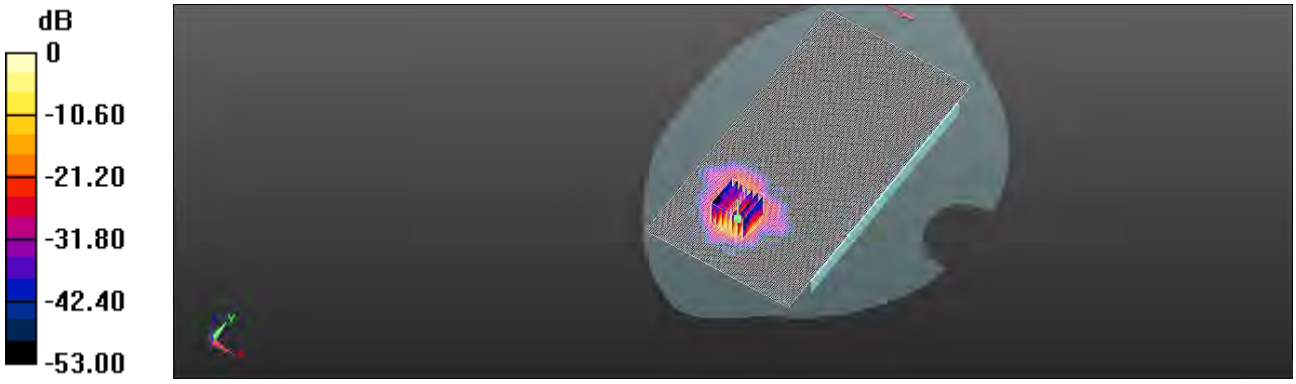
Communication System: Wi-Fi; Frequency: 5230 MHz; Duty cycle= 1:1
Medium parameters used: f = 5230 MHz; σ = 4.722 S/m; ε_r = 35.573; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.3°C; Liquid temperature: 22.6℃

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(5.4, 5.4, 5.4) @ 5230 MHz; Calibrated: 2020/05/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (111x211x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 1.32 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.757 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 4.12 W/kg
SAR(1 g) = 1.74 W/kg; SAR(10 g) = 0.738 W/kg
Smallest distance from peaks to all points 3 dB below = 4.9 mm
Ratio of SAR at M2 to SAR at M1 = 49.8%
Maximum value of SAR (measured) = 1.52 W/kg



0 dB = 1.52 W/kg = 1.82 dBW/kg

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Date: 2020/8/12

Report No. :ES/2020/30005

WLAN 802.11a 5.3G_Product specific 10g-SAR_Back side_CH 52_Chain0_Ant6_0mm

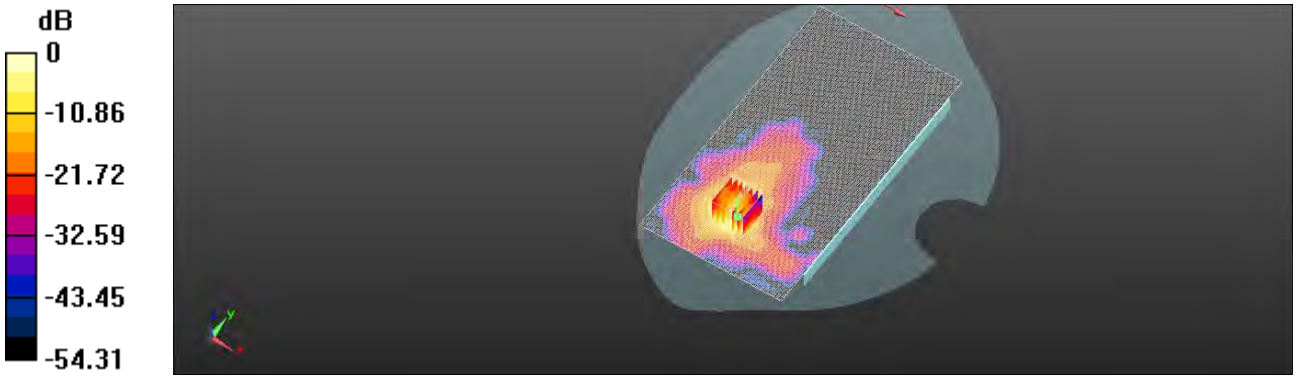
Communication System: Wi-Fi; Frequency: 5260 MHz; Duty cycle= 1:1
Medium parameters used: f = 5260 MHz; σ = 4.776 S/m; ε_r = 35.477; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.5°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(5.4, 5.4, 5.4) @ 5260 MHz; Calibrated: 2020/05/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (111x211x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 1.43 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.295 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 2.65 W/kg
SAR(1 g) = 1.88 W/kg; SAR(10 g) = 1.06 W/kg
Smallest distance from peaks to all points 3 dB below = 5.5 mm
Ratio of SAR at M2 to SAR at M1 = 61.8%
Maximum value of SAR (measured) = 1.65 W/kg



0 dB = 1.65 W/kg = 2.17 dBW/kg

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Date: 2020/8/13

Report No. :ES/2020/30005

WLAN 802.11ac(80M) 5.6G_Product specific 10g-SAR_Back side_CH 138_Chain0_Ant6_0mm

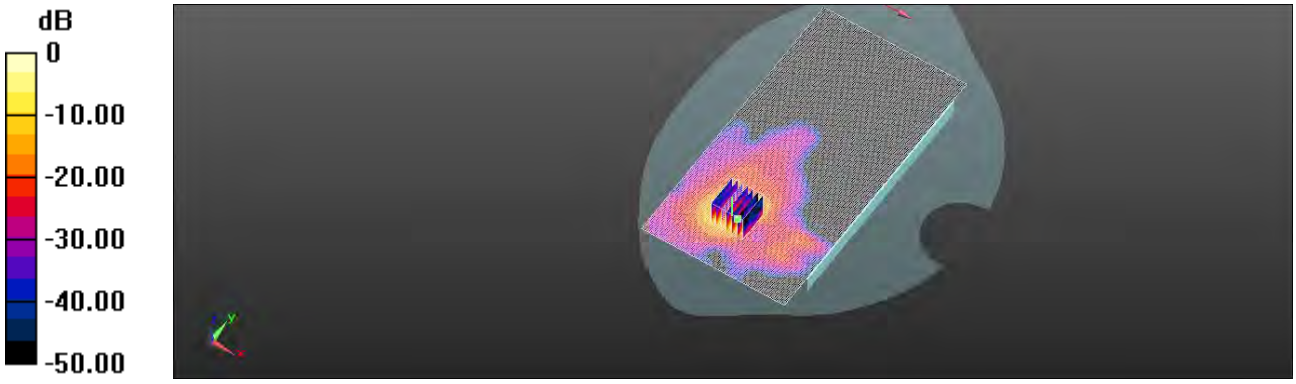
Communication System: WLAN 5G; Frequency: 5690 MHz; Duty cycle= 1:1
Medium parameters used: f = 5690 MHz; σ = 5.217 S/m; ε_r = 34.818; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.2°C; Liquid temperature: 21.9℃

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(4.9, 4.9, 4.9) @ 5690 MHz; Calibrated: 2020/05/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (111x211x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.817 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.465 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 4.13 W/kg
SAR(1 g) = 1.9 W/kg; SAR(10 g) = 0.907 W/kg
Smallest distance from peaks to all points 3 dB below = 5.3 mm
Ratio of SAR at M2 to SAR at M1 = 45.7%
Maximum value of SAR (measured) = 1.22 W/kg



0 dB = 1.22 W/kg = 0.86 dBW/kg

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Date: 2020/8/14

Report No. :ES/2020/30005

WLAN 802.11ac(80M) 5.8G_Product specific 10g-SAR_Back side_CH 155_Chain0_Ant6_0mm

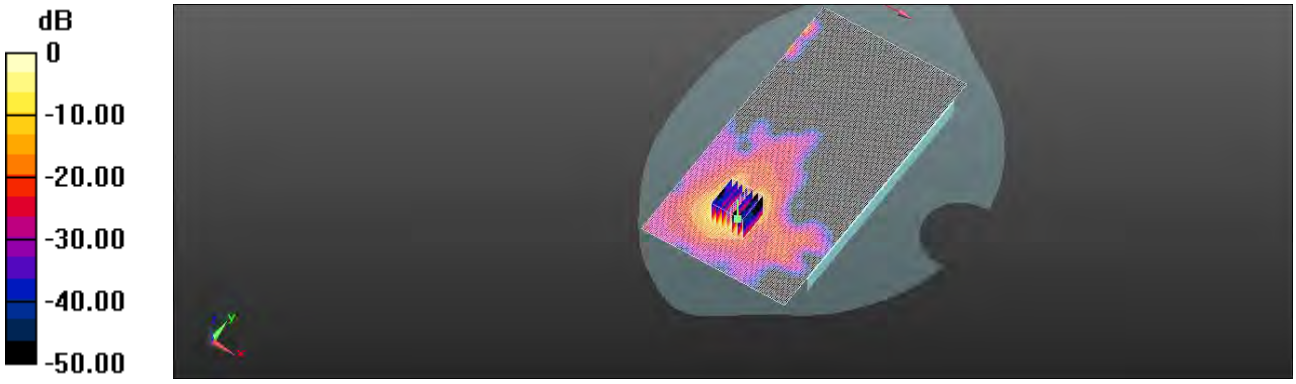
Communication System: Wi-Fi; Frequency: 5775 MHz; Duty cycle= 1:1
Medium parameters used: f = 5775 MHz; σ = 5.296 S/m; ε_r = 34.639; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.6°C; Liquid temperature: 21.9℃

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(4.9, 4.9, 4.9) @ 5775 MHz; Calibrated: 2020/05/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (111x211x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 1.00 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.545 V/m; Power Drift = 0.14 dB
Peak SAR (extrapolated) = 4.74 W/kg
SAR(1 g) = 2.11 W/kg; SAR(10 g) = 1.02 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%
Maximum value of SAR (measured) = 1.33 W/kg



0 dB = 1.33 W/kg = 1.24 dBW/kg

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Date: 2020/8/10

Report No. :ES/2020/30005

WLAN 802.11b_Product specific 10g-SAR_Back side_CH 11_Chain1_Ant5_0mm

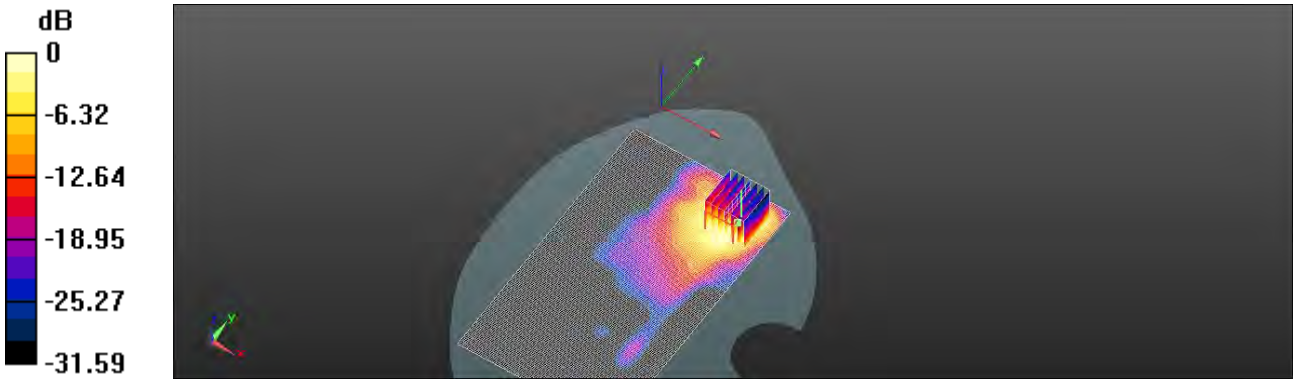
Communication System: Wi-Fi; Frequency: 2412 MHz; Duty cycle= 1:1
Medium parameters used: f = 2412 MHz; σ = 1.699 S/m; ε_r = 38.946; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.2°C; Liquid temperature: 22.4℃

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.4, 7.4, 7.4) @ 2412 MHz; Calibrated: 2020/05/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x171x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 1.73 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 2.838 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 3.60 W/kg
SAR(1 g) = 1.03 W/kg; SAR(10 g) = 0.473 W/kg
Smallest distance from peaks to all points 3 dB below = 6.4 mm
Ratio of SAR at M2 to SAR at M1 = 35.3%
Maximum value of SAR (measured) = 2.11 W/kg



0 dB = 2.11 W/kg = 3.24 dBW/kg

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Date: 2020/8/10

Report No. :ES/2020/30005

BLE_1M_Product specific 10g-SAR_Back side_CH 18_Chain1_Ant5_0mm

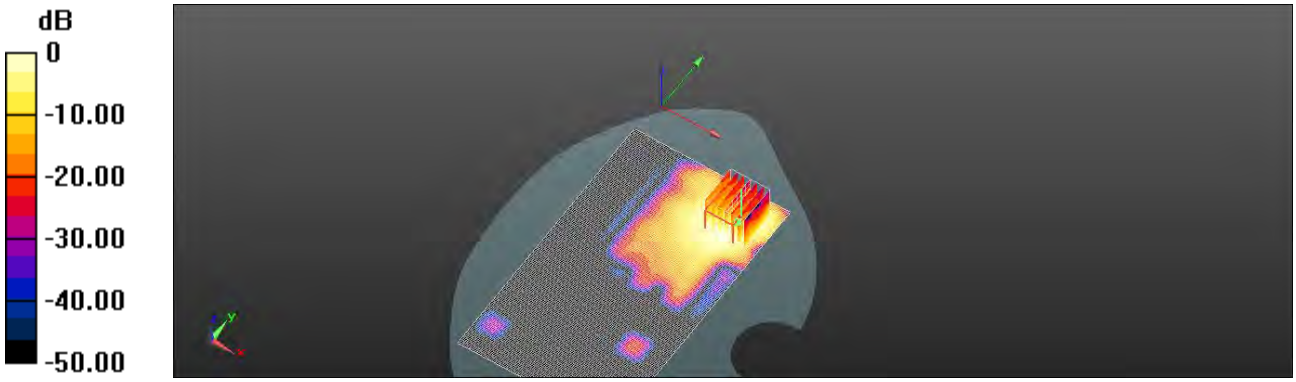
Communication System: Bluetooth; Frequency: 2442 MHz; Duty cycle= 1:1
Medium parameters used: f = 2442 MHz; σ = 1.738 S/m; ε_r = 38.882; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.2°C; Liquid temperature: 22.4℃

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.4, 7.4, 7.4) @ 2442 MHz; Calibrated: 2020/05/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x171x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 0.507 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 1.225 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 0.945 W/kg
SAR(1 g) = 0.288 W/kg; SAR(10 g) = 0.132 W/kg
Smallest distance from peaks to all points 3 dB below = 6.6 mm
Ratio of SAR at M2 to SAR at M1 = 38.2%
Maximum value of SAR (measured) = 0.571 W/kg



0 dB = 0.571 W/kg = -2.43 dBW/kg

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Date: 2020/8/11

Report No. :ES/2020/30005

WLAN 802.11n(40M) 5.2G_Product specific 10g-SAR_Back side_CH 46_Chain1_Ant5_0mm

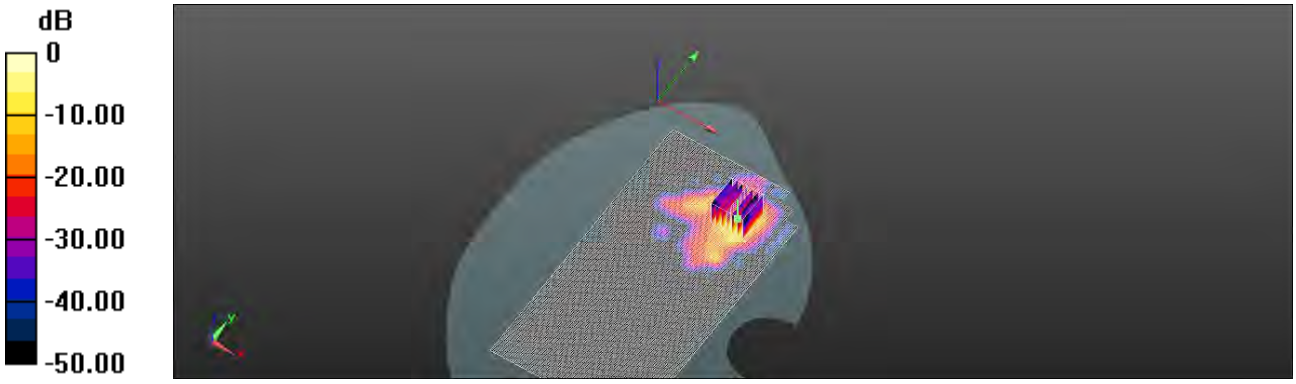
Communication System: Wi-Fi; Frequency: 5230 MHz; Duty cycle= 1:1
Medium parameters used: f = 5230 MHz; σ = 4.722 S/m; ε_r = 35.573; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.3°C; Liquid temperature: 22.6℃

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(5.4, 5.4, 5.4) @ 5230 MHz; Calibrated: 2020/05/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (111x211x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.947 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.657 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 2.93 W/kg
SAR(1 g) = 0.989 W/kg; SAR(10 g) = 0.341 W/kg
Smallest distance from peaks to all points 3 dB below = 5.5 mm
Ratio of SAR at M2 to SAR at M1 = 48.6%
Maximum value of SAR (measured) = 1.22 W/kg



0 dB = 1.22 W/kg = 0.86 dBW/kg

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Date: 2020/8/12

Report No. :ES/2020/30005

WLAN 802.11n(20M) 5.3G_Product specific 10g-SAR_Back side_CH 60_Chain1_Ant5_0mm

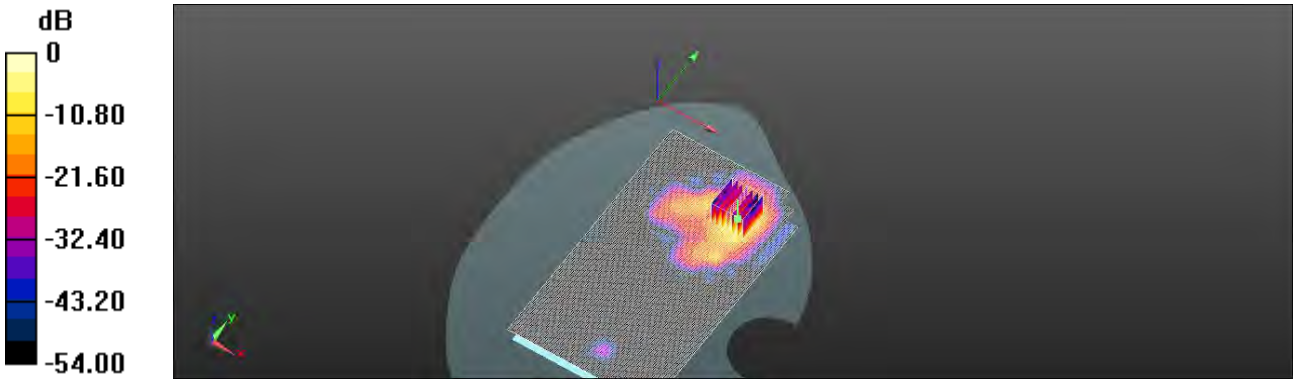
Communication System: WLAN 5G; Frequency: 5300 MHz; Duty cycle= 1:1
Medium parameters used: f = 5300 MHz; σ = 4.819 S/m; ε_r = 35.421; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.5°C; Liquid temperature: 22.3℃

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(5.4, 5.4, 5.4) @ 5300 MHz; Calibrated: 2020/05/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (111x191x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 0.836 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.758 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 2.75 W/kg
SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.423 W/kg
Smallest distance from peaks to all points 3 dB below = 4.4 mm
Ratio of SAR at M2 to SAR at M1 = 47.9%
Maximum value of SAR (measured) = 1.14 W/kg



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

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Date: 2020/8/13

Report No. :ES/2020/30005

WLAN 802.11a 5.6G_Product specific 10g-SAR_Back side_CH 100_Chain1_Ant5_0mm

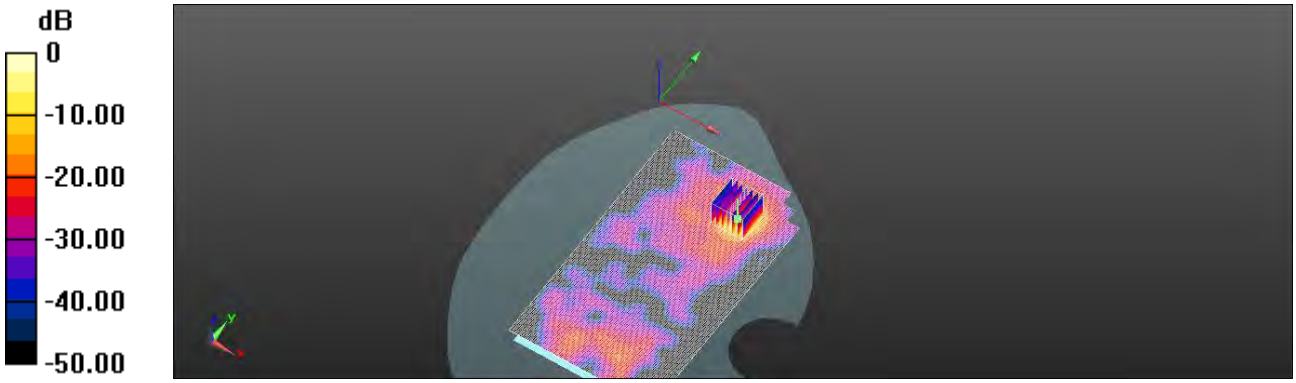
Communication System: Wi-Fi; Frequency: 5500 MHz; Duty cycle= 1:1
Medium parameters used: f = 5500 MHz; σ = 5.026 S/m; ε_r = 35.392; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.2°C; Liquid temperature: 21.9℃

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(4.79, 4.79, 4.79) @ 5500 MHz; Calibrated: 2020/05/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (111x191x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 1.88 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.815 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 6.60 W/kg
SAR(1 g) = 2.78 W/kg; SAR(10 g) = 1.21 W/kg
Smallest distance from peaks to all points 3 dB below = 4.3 mm
Ratio of SAR at M2 to SAR at M1 = 45.6%
Maximum value of SAR (measured) = 2.53 W/kg



0 dB = 2.53 W/kg = 4.03 dBW/kg

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Date: 2020/8/14

Report No. :ES/2020/30005

WLAN 802.11ac(80M) 5.8G_Product specific 10g-SAR_Back side_CH 155_Chain1_Ant5_0mm

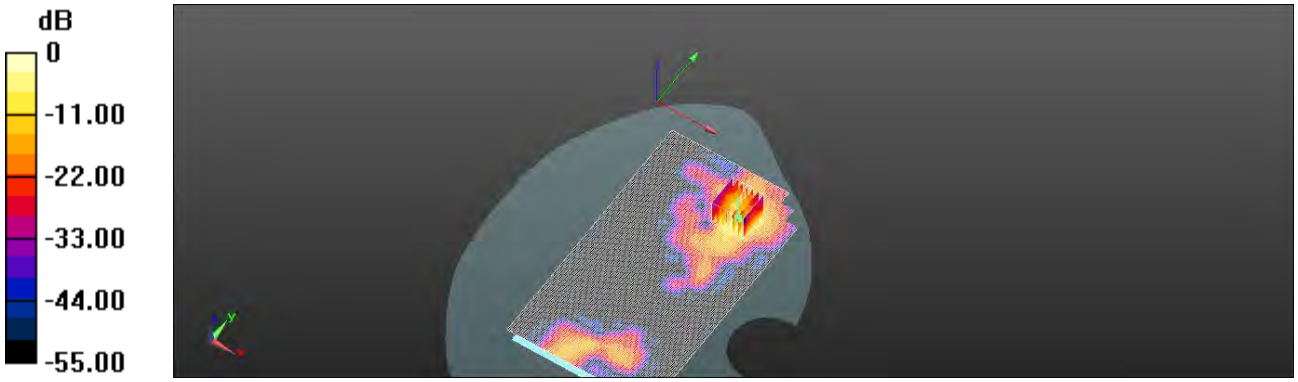
Communication System: Wi-Fi; Frequency: 5775 MHz; Duty cycle= 1:1
Medium parameters used: f = 5775 MHz; σ = 5.296 S/m; ε_r = 34.639; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.6°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(4.9, 4.9, 4.9) @ 5775 MHz; Calibrated: 2020/05/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (111x191x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 1.29 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.416 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 2.02 W/kg
SAR(1 g) = 1.15 W/kg; SAR(10 g) = 0.506 W/kg
Smallest distance from peaks to all points 3 dB below = 4.9 mm
Ratio of SAR at M2 to SAR at M1 = 60.2%
Maximum value of SAR (measured) = 1.47 W/kg



0 dB = 1.47 W/kg = 1.67 dBW/kg

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Date: 2020/8/11

Report No. :ES/2020/30005

WLAN 802.11n 5.2G(40M)_Product specific 10g-SAR_Back side_CH 46_Chain1_Ant7_0mm

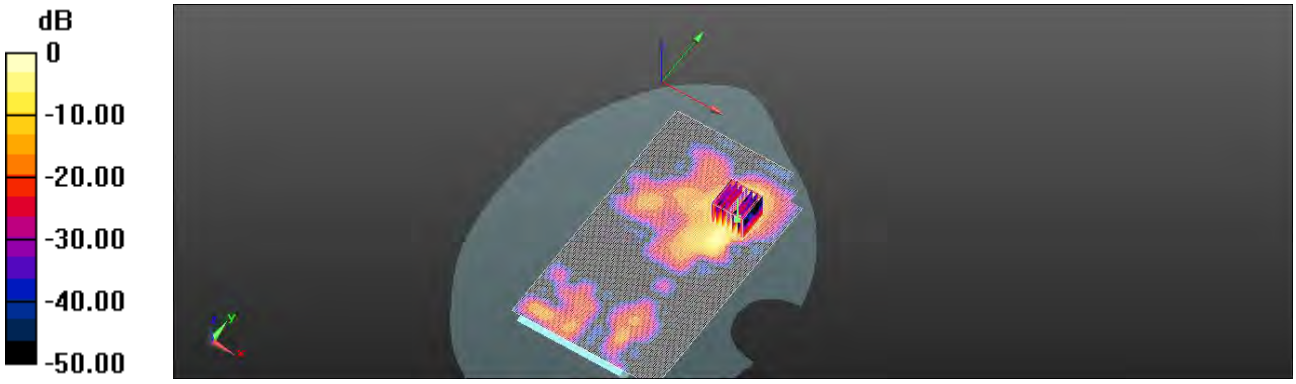
Communication System: Wi-Fi; Frequency: 5230 MHz; Duty cycle= 1:1
Medium parameters used: f = 5230 MHz; σ = 4.722 S/m; ε_r = 35.573; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.3°C; Liquid temperature: 22.6℃

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(5.4, 5.4, 5.4) @ 5230 MHz; Calibrated: 2020/05/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (111x191x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 8.67 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 2.954 V/m; Power Drift = 0.12 dB
Peak SAR (extrapolated) = 22.2 W/kg
SAR(1 g) = 2.85 W/kg; SAR(10 g) = 0.551 W/kg
Smallest distance from peaks to all points 3 dB below = 6.3 mm
Ratio of SAR at M2 to SAR at M1 = 47.4%
Maximum value of SAR (measured) = 8.64 W/kg



0 dB = 8.64 W/kg = 9.37 dBW/kg

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Date: 2020/8/12

Report No. :ES/2020/30005

WLAN 802.11n 5.3G(20M)_Product specific 10g-SAR_Back side_CH 60_Chain1_Ant7_0mm

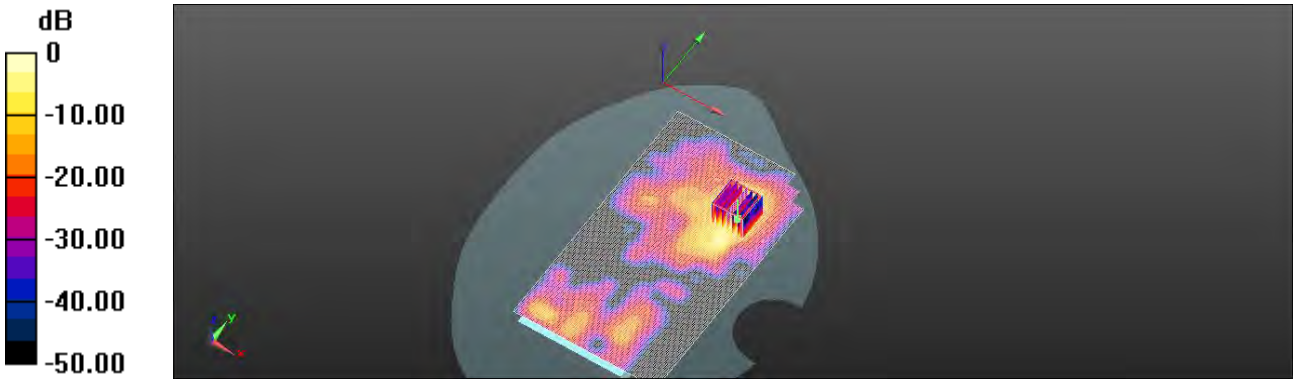
Communication System: Wi-Fi; Frequency: 5300 MHz; Duty cycle= 1:1
Medium parameters used: f = 5300 MHz; σ = 4.819 S/m; ε_r = 35.421; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.5°C; Liquid temperature: 22.3℃

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(5.4, 5.4, 5.4) @ 5300 MHz; Calibrated: 2020/05/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (111x191x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 17.6 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.065 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 45.3 W/kg
SAR(1 g) = 5.82 W/kg; SAR(10 g) = 1.15 W/kg
Smallest distance from peaks to all points 3 dB below = 5.6 mm
Ratio of SAR at M2 to SAR at M1 = 46.9%
Maximum value of SAR (measured) = 17.9 W/kg



0 dB = 17.9 W/kg = 12.53 dBW/kg

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Date: 2020/8/13

Report No. :ES/2020/30005

WLAN 802.11a 5.6G_Product specific 10g-SAR_Back side_CH 100_Chain1_Ant7_0mm

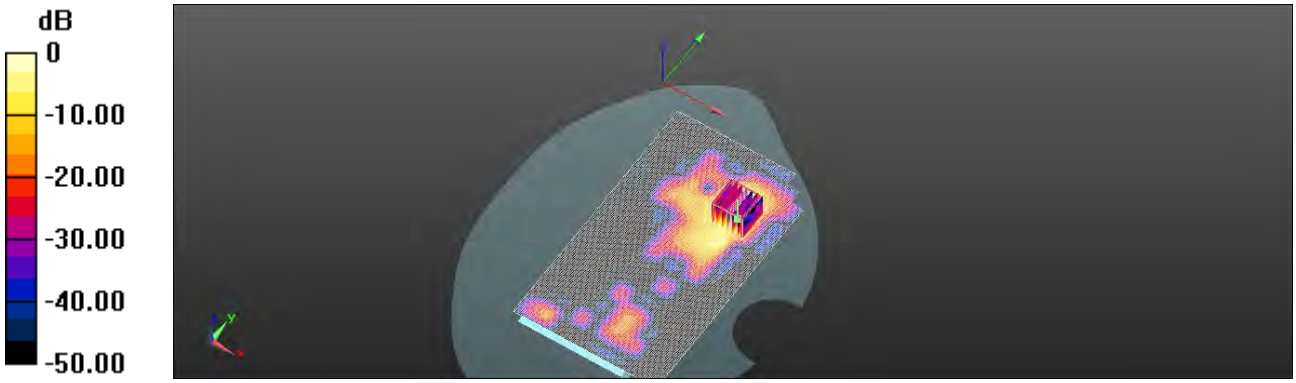
Communication System: Wi-Fi; Frequency: 5500 MHz; Duty cycle= 1:1
Medium parameters used: f = 5500 MHz; σ = 5.026 S/m; ε_r = 35.392; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.2°C; Liquid temperature: 21.9℃

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(4.79, 4.79, 4.79) @ 5500 MHz; Calibrated: 2020/05/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (111x191x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 7.48 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.465 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 19.3 W/kg
SAR(1 g) = 2.42 W/kg; SAR(10 g) = 0.496 W/kg
Smallest distance from peaks to all points 3 dB below = 6.7 mm
Ratio of SAR at M2 to SAR at M1 = 46%
Maximum value of SAR (measured) = 7.48 W/kg



0 dB = 7.48 W/kg = 8.74 dBW/kg

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Date: 2020/8/14

Report No. :ES/2020/30005

WLAN 802.11ac(80M) 5.8G_Product specific 10g-SAR_Back side_CH 155_Chain1_Ant7_0mm

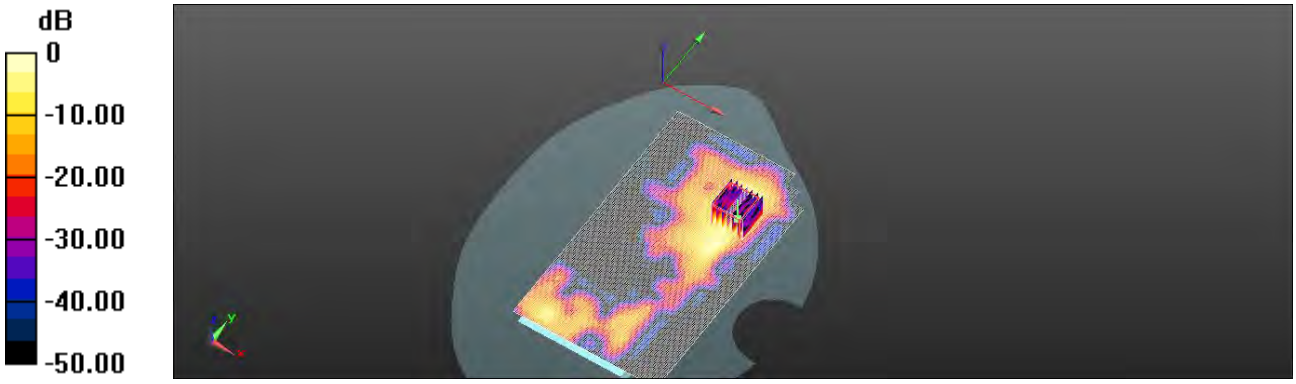
Communication System: Wi-Fi; Frequency: 5775 MHz; Duty cycle= 1:1
Medium parameters used: f = 5775 MHz; σ = 5.296 S/m; ε_r = 34.639; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.6°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(4.9, 4.9, 4.9) @ 5775 MHz; Calibrated: 2020/05/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (111x191x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 5.01 W/kg

Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 1.274 V/m; Power Drift = -0.05 dB
Peak SAR (extrapolated) = 14.1 W/kg
SAR(1 g) = 1.6 W/kg; SAR(10 g) = 0.282 W/kg
Smallest distance from peaks to all points 3 dB below = 4.9 mm
Ratio of SAR at M2 to SAR at M1 = 44.6%
Maximum value of SAR (measured) = 5.05 W/kg



0 dB = 5.05 W/kg = 7.03 dBW/kg

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SAR System Performance Verification

Date:2020/7/1

Report No. :ES/2020/30005

Dipole 750 MHz_SN:1015

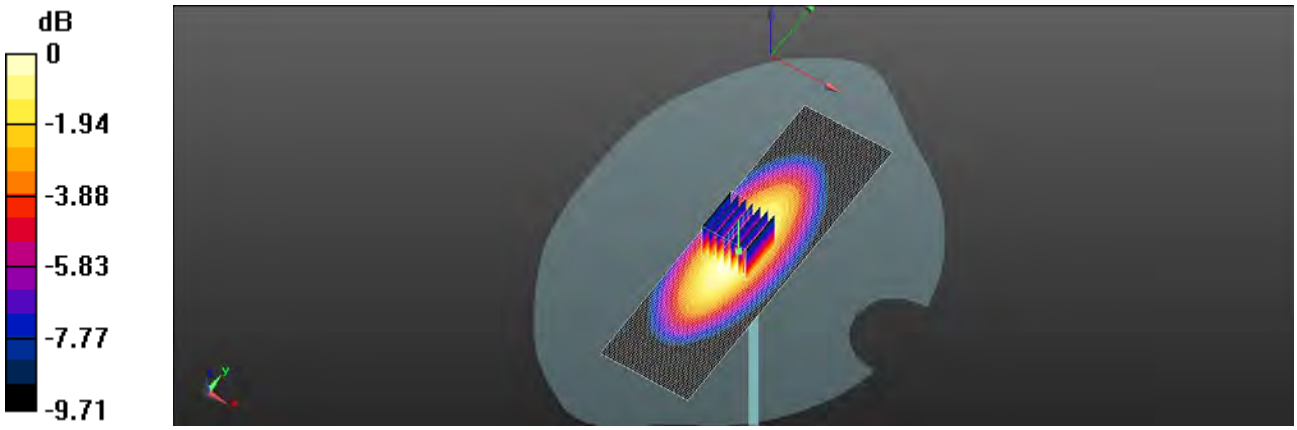
Communication System: CW; Frequency: 750 MHz; Duty cycle= 1:1
Medium parameters used: f = 750 MHz; σ = 0.894 S/m; ε_r = 42.634; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.3°C; Liquid temperature: 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.84, 9.84, 9.84) @ 750 MHz; Calibrated: 2020/5/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2020/3/17
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (41x141x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 2.77 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 57.78 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 3.31 W/kg
SAR(1 g) = 2.27 W/kg; SAR(10 g) = 1.44 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 68.3%
Maximum value of SAR (measured) = 2.83 W/kg



0 dB = 2.83 W/kg = 4.52 dBW/kg

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Date:2020/7/2

Report No. :ES/2020/30005

Dipole 835 MHz_SN:4d063

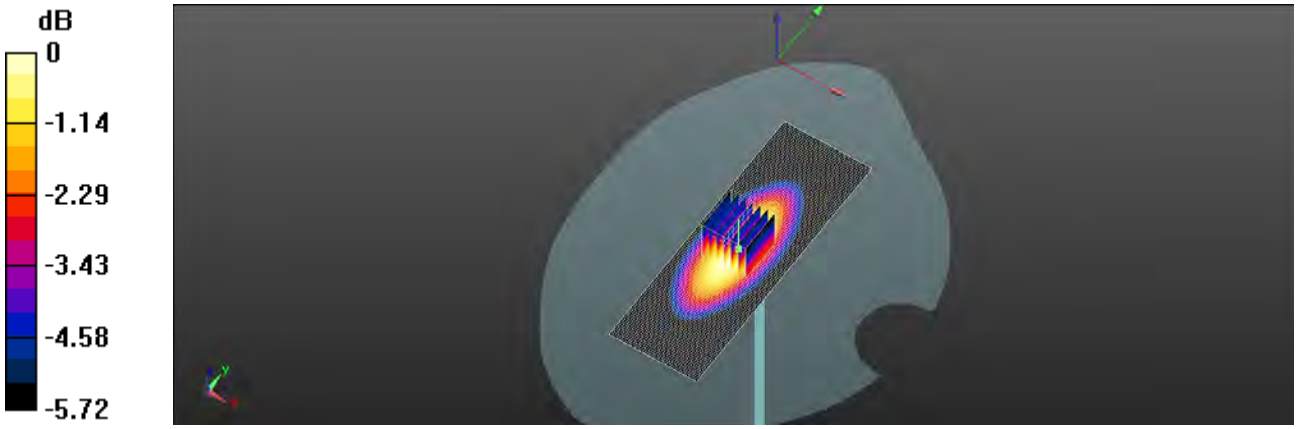
Communication System: CW; Frequency: 835 MHz; Duty cycle= 1:1
Medium parameters used: f = 835 MHz; σ = 0.906 S/m; ε_r = 42.128; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.4°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.5, 9.5, 9.5) @ 835 MHz; Calibrated: 2020/5/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2020/3/17
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (41x121x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 2.53 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 58.18 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 2.69 W/kg
SAR(1 g) = 2.29 W/kg; SAR(10 g) = 1.62 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 84.6%
Maximum value of SAR (measured) = 2.54 W/kg



0 dB = 2.54 W/kg = 4.05 dBW/kg

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Date:2020/7/3

Report No. :ES/2020/30005

Dipole 1750 MHz_SN:1008

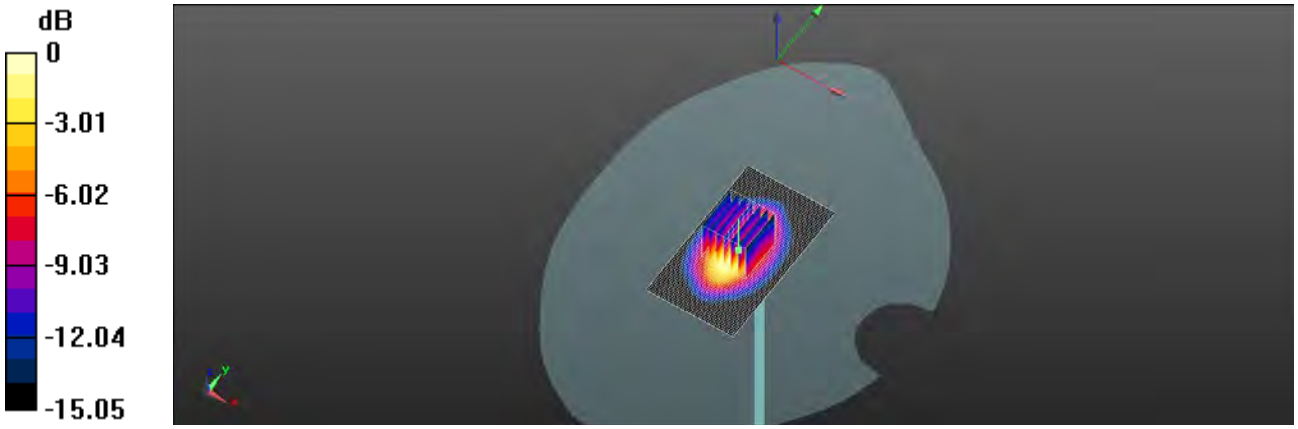
Communication System: CW; Frequency: 1750 MHz; Duty cycle= 1:1
Medium parameters used: f = 1750 MHz; σ = 1.390 S/m; ε_r = 40.167; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.5°C; Liquid temperature: 22.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(8.36, 8.36, 8.36) @ 1750 MHz; Calibrated: 2020/5/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2020/3/17
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (41x71x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 12.1 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 106.4 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 14.5 W/kg
SAR(1 g) = 9.07 W/kg; SAR(10 g) = 4.53 W/kg
Smallest distance from peaks to all points 3 dB below = 10 mm
Ratio of SAR at M2 to SAR at M1 = 58.7%
Maximum value of SAR (measured) = 11.6 W/kg



0 dB = 11.6 W/kg = 10.64 dBW/kg

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Date:2020/7/4

Report No. :ES/2020/30005

Dipole 1900 MHz_SN:5d173

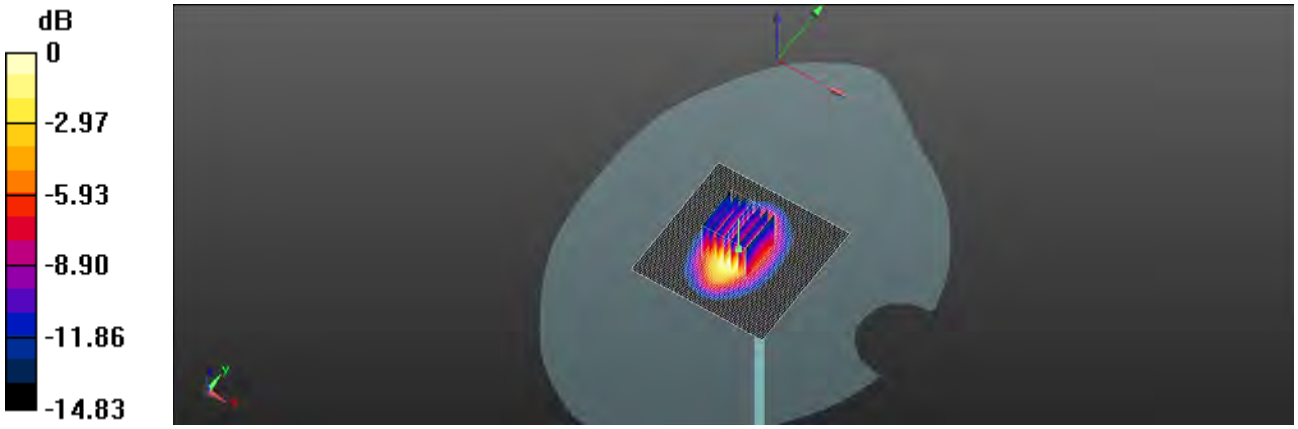
Communication System: CW; Frequency: 1900 MHz; Duty cycle= 1:1
Medium parameters used: f = 1900 MHz; σ = 1.411 S/m; ε_r = 39.542; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.1°C; Liquid temperature: 22.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(8.03, 8.03, 8.03) @ 1900 MHz; Calibrated: 2020/5/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2020/3/17
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 12.1 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 99.94 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 15.1 W/kg
SAR(1 g) = 8.94 W/kg; SAR(10 g) = 5.11 W/kg
Smallest distance from peaks to all points 3 dB below = 10 mm
Ratio of SAR at M2 to SAR at M1 = 58.9%
Maximum value of SAR (measured) = 12.1 W/kg



0 dB = 12.1 W/kg = 10.83 dBW/kg

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Date:2020/7/27

Report No. :ES/2020/30005

Dipole 2300 MHz_SN:1023

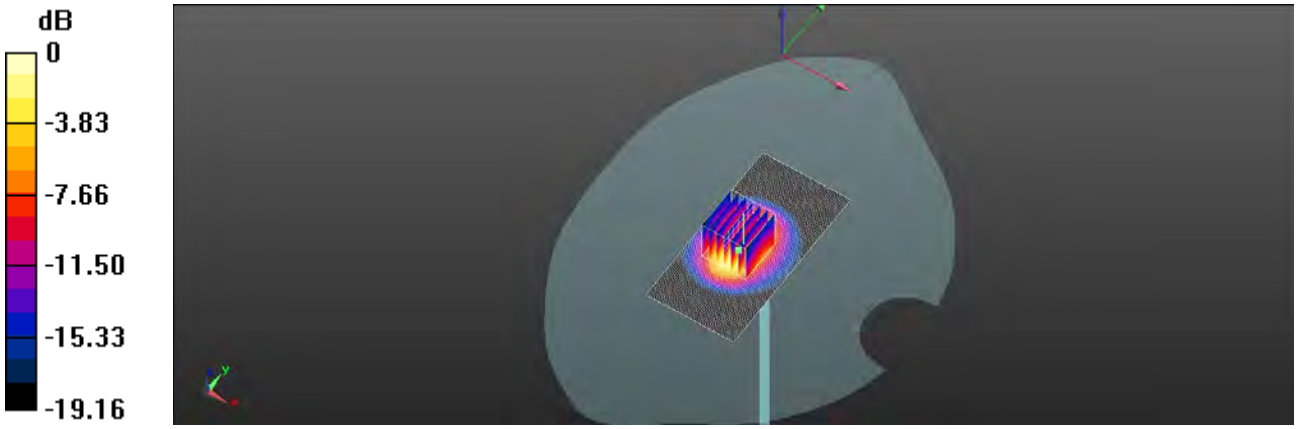
Communication System: CW; Frequency: 2300 MHz; Duty cycle= 1:1
Medium parameters used: f = 2300 MHz; σ = 1.677 S/m; ε_r = 39.164; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.6°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.67, 7.67, 7.67) @ 2300 MHz; Calibrated: 2020/5/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2020/3/17
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (51x101x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 18.0 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 103.9 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 22.5 W/kg
SAR(1 g) = 12.2 W/kg; SAR(10 g) = 5.87 W/kg
Smallest distance from peaks to all points 3 dB below = 9.8 mm
Ratio of SAR at M2 to SAR at M1 = 54%
Maximum value of SAR (measured) = 17.3 W/kg



0 dB = 17.3 W/kg = 12.38 dBW/kg

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Date:2020/7/6

Report No. :ES/2020/30005

Dipole 2600 MHz_SN:1005

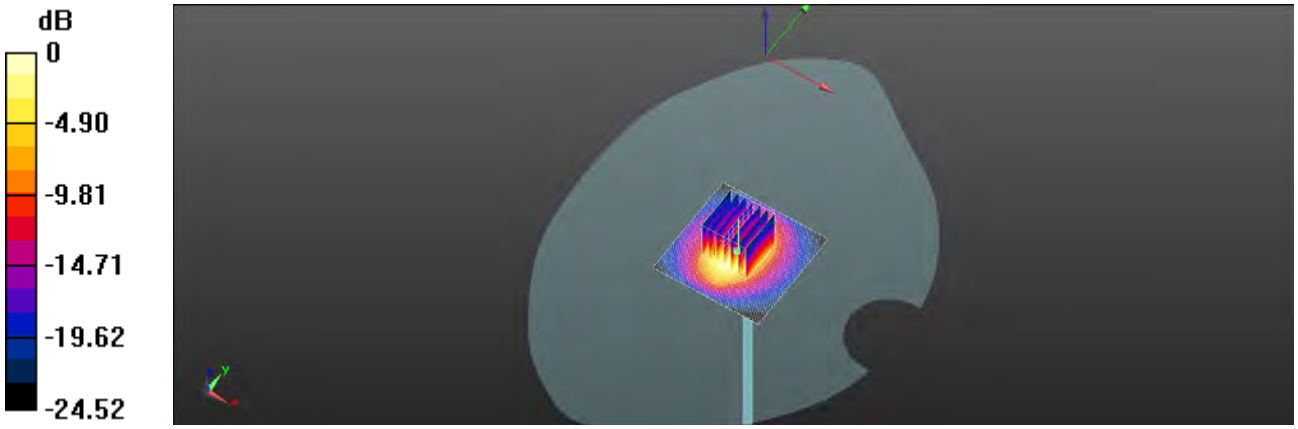
Communication System: CW; Frequency: 2600 MHz; Duty cycle= 1:1
Medium parameters used: f = 2600 MHz; σ = 1.942 S/m; ε_r = 38.237; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.1°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.21, 7.21, 7.21) @ 2600 MHz; Calibrated: 2020/5/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2020/3/17
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 19.5 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 115.8 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 27.3 W/kg
SAR(1 g) = 13.3 W/kg; SAR(10 g) = 6.37 W/kg
Smallest distance from peaks to all points 3 dB below = 9.4 mm
Ratio of SAR at M2 to SAR at M1 = 44.9%
Maximum value of SAR (measured) = 19.5 W/kg



0 dB = 19.5 W/kg = 12.90 dBW/kg

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Date:2020/7/7

Report No. :ES/2020/30005

Dipole 3300 MHz_SN:1013

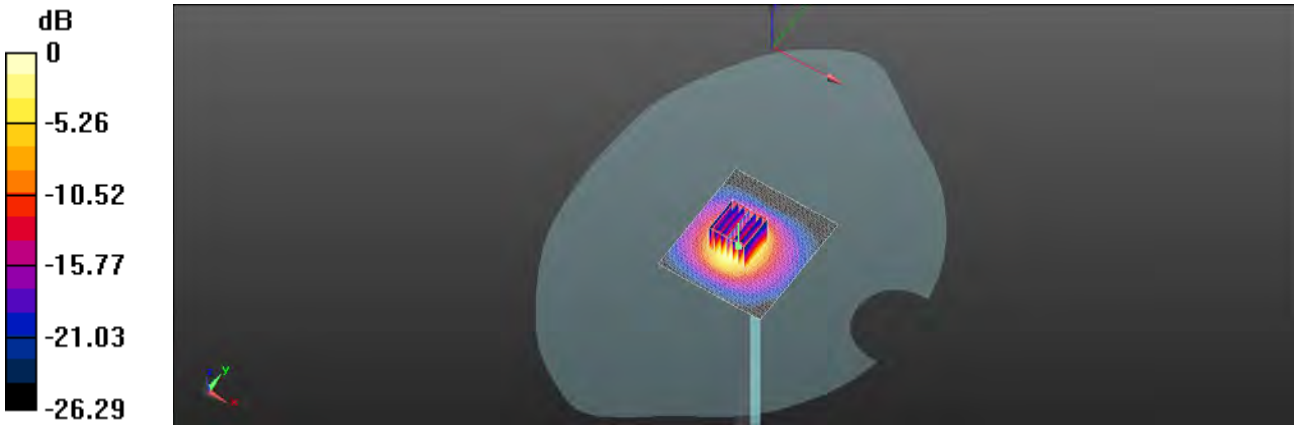
Communication System: CW; Frequency: 3300 MHz; Duty cycle= 1:1
Medium parameters used: f = 3300 MHz; σ = 2.720 S/m; ε_r = 38.101; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.5°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7, 7, 7) @ 3300 MHz; Calibrated: 2020/5/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2020/3/17
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (71x81x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 13.1 W/kg

Pin=250mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 66.82 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 19.5 W/kg
SAR(1 g) = 6.94 W/kg; SAR(10 g) = 2.54 W/kg
Smallest distance from peaks to all points 3 dB below = 8.9 mm
Ratio of SAR at M2 to SAR at M1 = 64.7%
Maximum value of SAR (measured) = 12.6 W/kg



0 dB = 12.6 W/kg = 11.00 dBW/kg

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Date:2020/7/8

Report No. :ES/2020/30005

Dipole 3500 MHz_SN:1009

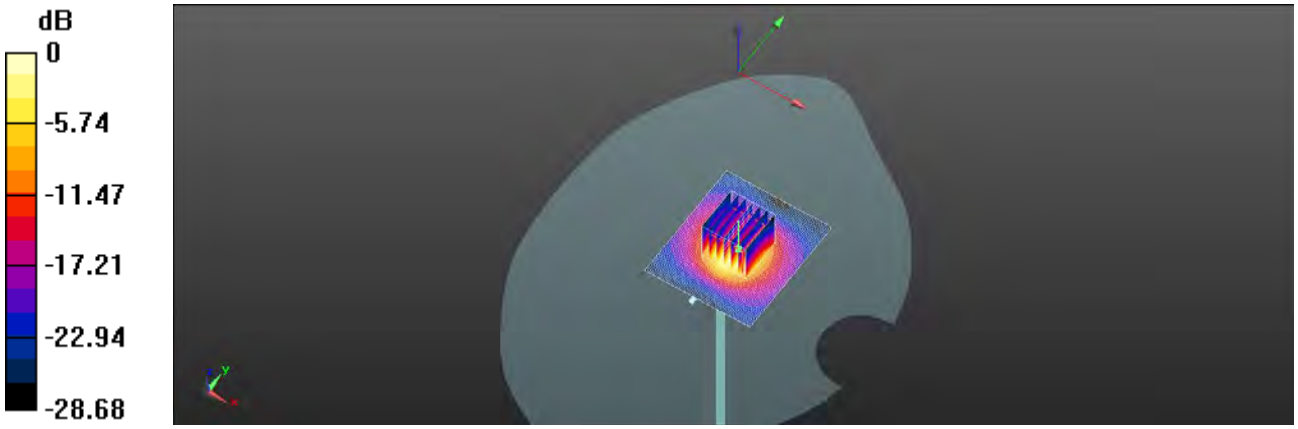
Communication System: CW; Frequency: 3500 MHz; Duty cycle= 1:1
Medium parameters used: f = 3500 MHz; σ = 2.870 S/m; ε_r = 37.792; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.0°C; Liquid temperature: 22.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(6.7, 6.7, 6.7) @ 3500 MHz; Calibrated: 2020/5/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2020/3/17
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (61x71x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 14.1 W/kg

Pin=250mW/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm
Reference Value = 69.58 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 19.3 W/kg
SAR(1 g) = 7.02 W/kg; SAR(10 g) = 2.57 W/kg
Smallest distance from peaks to all points 3 dB below = 8.3 mm
Ratio of SAR at M2 to SAR at M1 = 44.4%
Maximum value of SAR (measured) = 12.6 W/kg



0 dB = 12.6 W/kg = 11.00 dBW/kg

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Date:2020/7/7

Report No. :ES/2020/30005

Dipole 3700 MHz_SN:1057

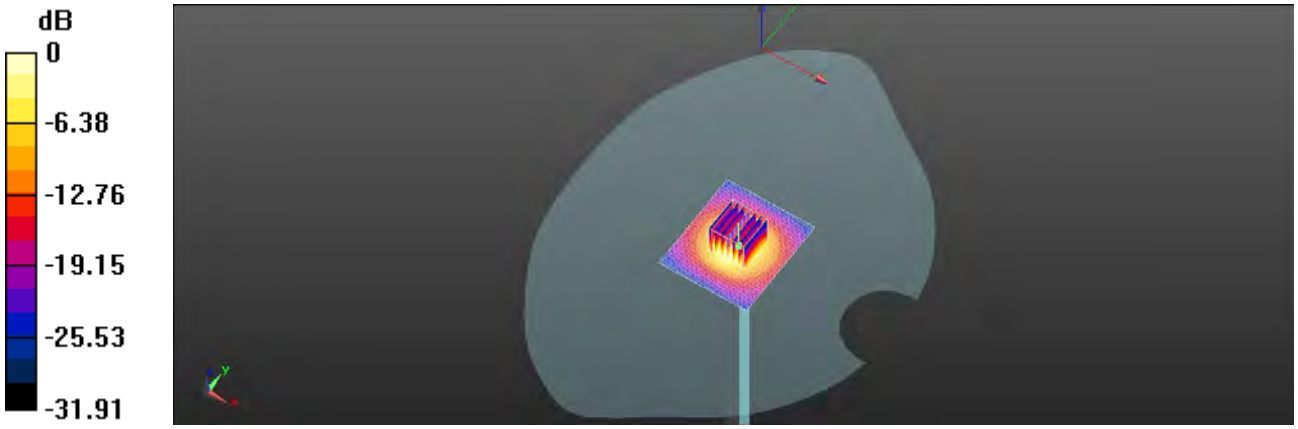
Communication System: CW; Frequency: 3700 MHz; Duty cycle= 1:1
Medium parameters used: f = 3700 MHz; σ = 3.078 S/m; ε_r = 37.298; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.3°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(6.6, 6.6, 6.6) @ 3700 MHz; Calibrated: 2020/5/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2020/3/17
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (61x71x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 13.0 W/kg

Pin=250mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 66.74 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 20.5 W/kg
SAR(1 g) = 6.48 W/kg; SAR(10 g) = 2.26 W/kg
Smallest distance from peaks to all points 3 dB below = 8.6 mm
Ratio of SAR at M2 to SAR at M1 = 60.7%
Maximum value of SAR (measured) = 12.2 W/kg



0 dB = 12.2 W/kg = 10.86 dBW/kg

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Date:2020/6/25

Report No. :ES/2020/30005

Dipole 750 MHz_SN:1015

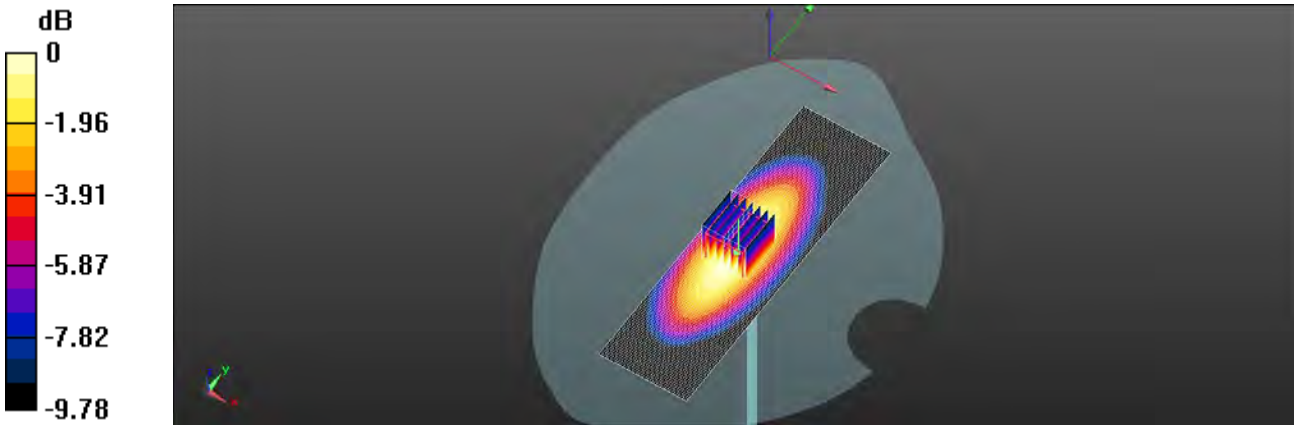
Communication System: CW; Frequency: 750 MHz; Duty cycle= 1:1
Medium parameters used: f = 750 MHz; σ = 0.891 S/m; ε_r = 42.504; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.5°C; Liquid temperature: 22.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(9.94, 9.94, 9.94) @ 750 MHz; Calibrated: 2020/3/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (41x141x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 3.00 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 44.27 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 3.56 W/kg
SAR(1 g) = 2.26 W/kg; SAR(10 g) = 1.42 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 68.2%
Maximum value of SAR (measured) = 3.05 W/kg



0 dB = 3.05 W/kg = 4.84 dBW/kg

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Date:2020/6/26

Report No. :ES/2020/30005

Dipole 835 MHz_SN:4d063

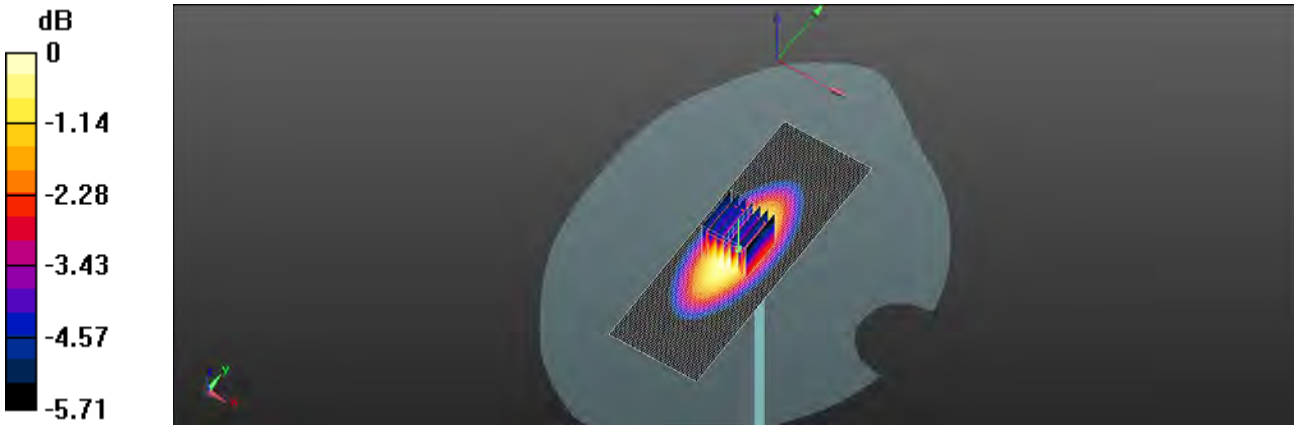
Communication System: CW; Frequency: 835 MHz; Duty cycle= 1:1
Medium parameters used: f = 835 MHz; σ = 0.917 S/m; ε_r = 41.984; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.6°C; Liquid temperature: 22.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(9.73, 9.73, 9.73) @ 835 MHz; Calibrated: 2020/3/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (41x121x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 2.80 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 46.43 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 2.97 W/kg
SAR(1 g) = 2.43 W/kg; SAR(10 g) = 1.54 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 84.4%
Maximum value of SAR (measured) = 2.80 W/kg



0 dB = 2.80 W/kg = 4.47 dBW/kg

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Date:2020/6/27

Report No. :ES/2020/30005

Dipole 1750 MHz_SN:1008

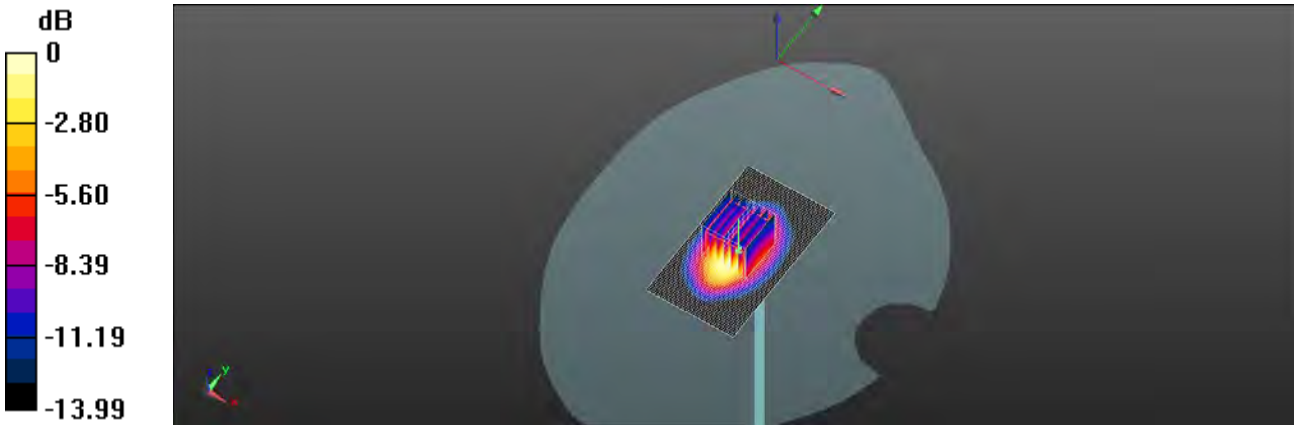
Communication System: CW; Frequency: 1750 MHz; Duty cycle= 1:1
Medium parameters used: f = 1750 MHz; σ = 1.400 S/m; ε_r = 40.037; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.5°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(8.34, 8.34, 8.34) @ 1750 MHz; Calibrated: 2020/3/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (41x71x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 14.4 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 67.16 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 16.8 W/kg
SAR(1 g) = 8.93 W/kg; SAR(10 g) = 4.76 W/kg
Smallest distance from peaks to all points 3 dB below = 11 mm
Ratio of SAR at M2 to SAR at M1 = 60.8%
Maximum value of SAR (measured) = 13.7 W/kg



0 dB = 13.7 W/kg = 11.37 dBW/kg

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Date:2020/6/28

Report No. :ES/2020/30005

Dipole 1900 MHz_SN:5d173

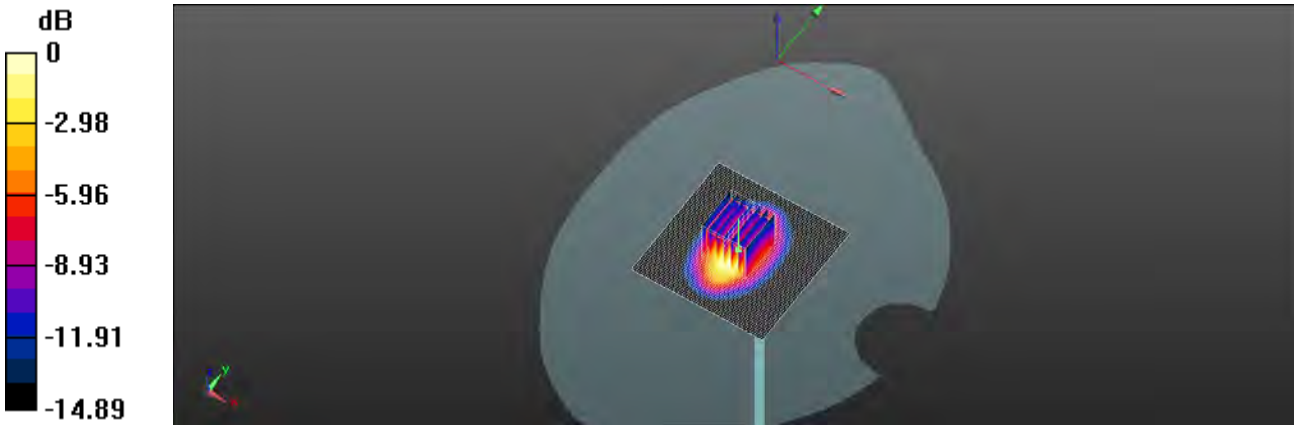
Communication System: CW; Frequency: 1900 MHz; Duty cycle= 1:1
Medium parameters used: f = 1900 MHz; σ = 1.430 S/m; ε_r = 39.345; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.2°C; Liquid temperature: 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(8.07, 8.07, 8.07) @ 1900 MHz; Calibrated: 2020/3/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 15.7 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 77.62 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 19.1 W/kg
SAR(1 g) = 9.93 W/kg; SAR(10 g) = 5.18 W/kg
Smallest distance from peaks to all points 3 dB below = 10 mm
Ratio of SAR at M2 to SAR at M1 = 59.6%
Maximum value of SAR (measured) = 15.5 W/kg



0 dB = 15.5 W/kg = 11.90 dBW/kg

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Date:2020/6/22

Report No. :ES/2020/30005

Dipole 2300 MHz_SN:1023

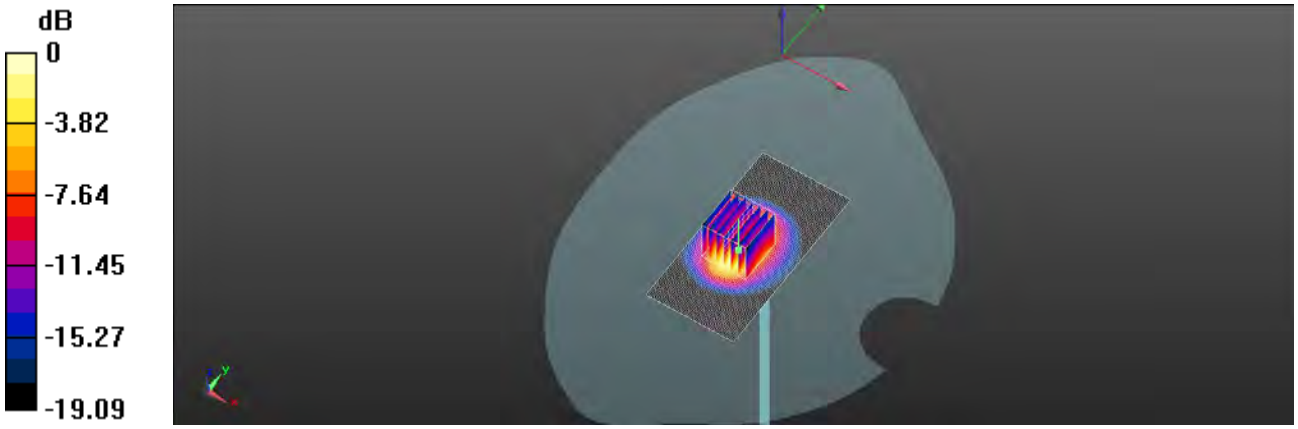
Communication System: CW; Frequency: 2300 MHz; Duty cycle= 1:1
Medium parameters used: f = 2300 MHz; σ = 1.676 S/m; ε_r = 39.174; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.4°C; Liquid temperature: 22.0°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(7.76, 7.76, 7.76) @ 2300 MHz; Calibrated: 2020/3/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (51x101x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 21.8 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 77.37 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 27.2 W/kg
SAR(1 g) = 12.3 W/kg; SAR(10 g) = 5.89 W/kg
Smallest distance from peaks to all points 3 dB below = 9.8 mm
Ratio of SAR at M2 to SAR at M1 = 54.3%
Maximum value of SAR (measured) = 20.9 W/kg



0 dB = 20.9 W/kg = 13.20 dBW/kg

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Date:2020/6/30

Report No. :ES/2020/30005

Dipole 2600 MHz_SN:1005

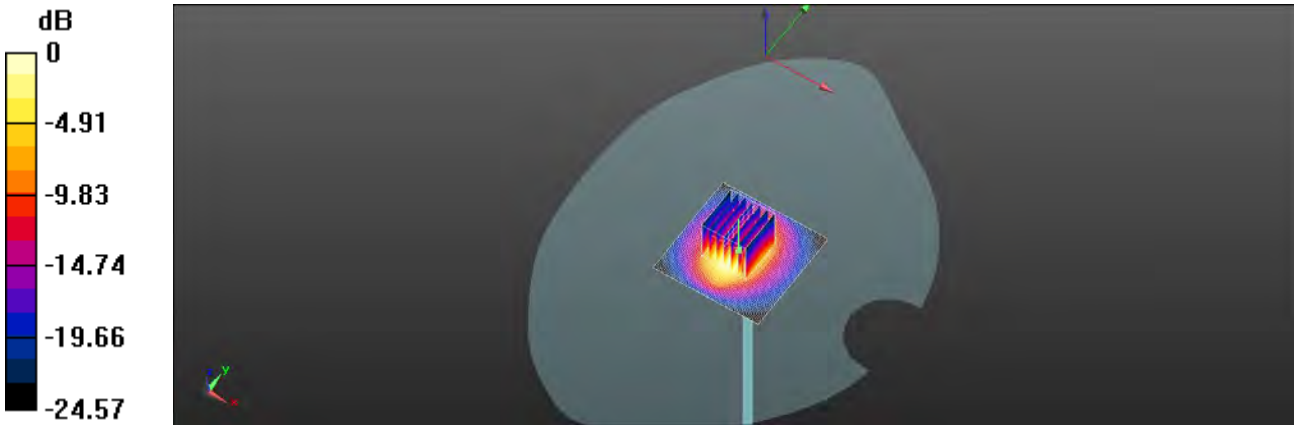
Communication System: CW; Frequency: 2600 MHz; Duty cycle= 1:1
Medium parameters used: f = 2600 MHz; σ = 1.953 S/m; ε_r = 38.203; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.4°C; Liquid temperature: 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(7.23, 7.23, 7.23) @ 2600 MHz; Calibrated: 2020/3/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.8.8(1258); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 22.7 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 105.1 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 31.9 W/kg
SAR(1 g) = 14.3 W/kg; SAR(10 g) = 6.31 W/kg
Smallest distance from peaks to all points 3 dB below = 9 mm
Ratio of SAR at M2 to SAR at M1 = 44.6%
Maximum value of SAR (measured) = 22.7 W/kg



0 dB = 22.7 W/kg = 13.56 dBW/kg

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Date:2020/7/1

Report No. :ES/2020/30005

Dipole 3300 MHz_SN:1013

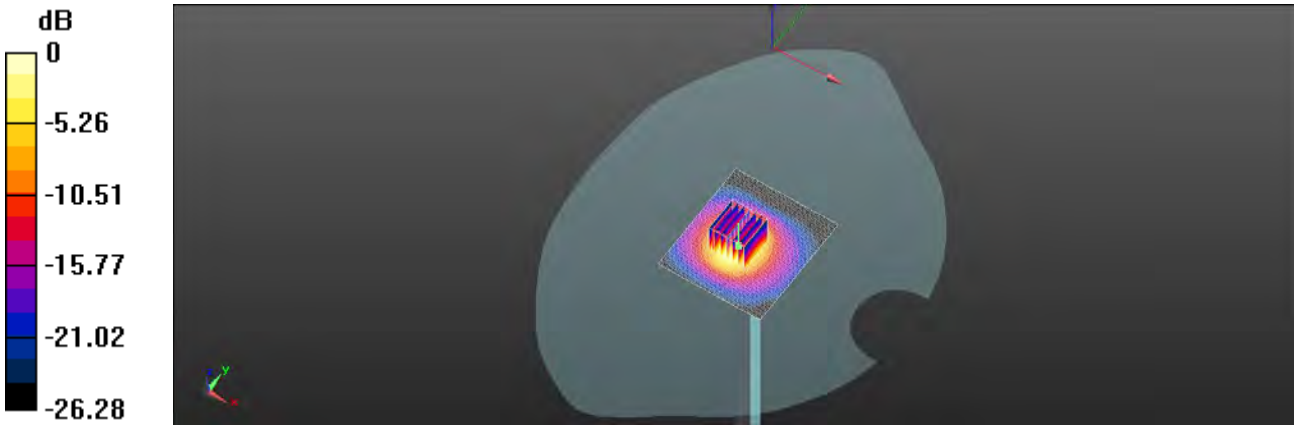
Communication System: CW; Frequency: 3300 MHz; Duty cycle= 1:1
Medium parameters used: f = 3300 MHz; σ = 2.727 S/m; ε_r = 38.035; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.3°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(6.8, 6.8, 6.8) @ 3300 MHz; Calibrated: 2020/3/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (71x81x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 12.3 W/kg

Pin=250mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 60.60 V/m; Power Drift = 0.13 dB
Peak SAR (extrapolated) = 18.6 W/kg
SAR(1 g) = 6.69 W/kg; SAR(10 g) = 2.49 W/kg
Smallest distance from peaks to all points 3 dB below = 8.6 mm
Ratio of SAR at M2 to SAR at M1 = 64.7%
Maximum value of SAR (measured) = 12.0 W/kg



0 dB = 12.0 W/kg = 10.79 dBW/kg

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Date:2020/7/2

Report No. :ES/2020/30005

Dipole 3500 MHz_SN:1009

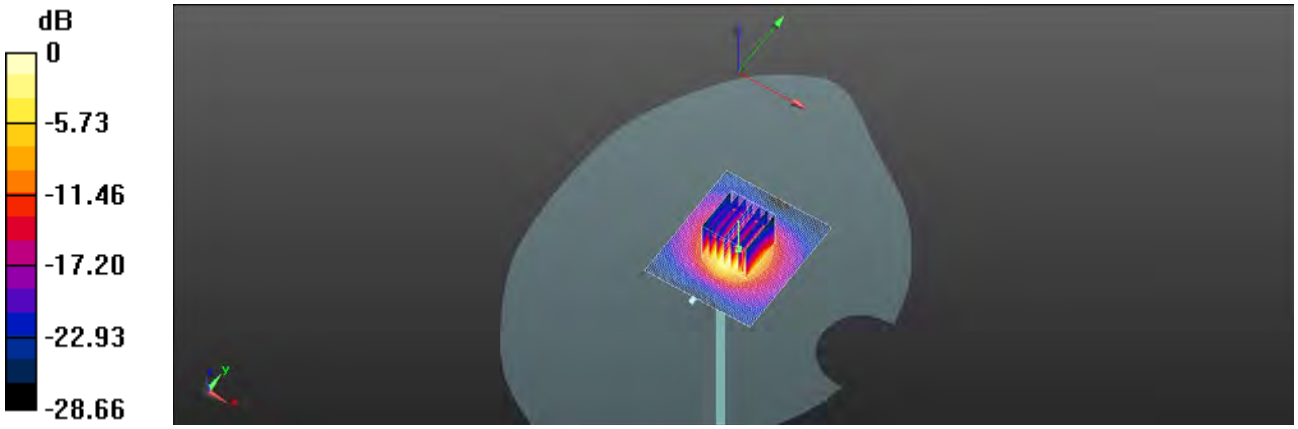
Communication System: CW; Frequency: 3500 MHz; Duty cycle= 1:1
Medium parameters used: f = 3500 MHz; σ = 2.871 S/m; ε_r = 37.721; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.0°C; Liquid temperature: 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(6.73, 6.73, 6.73) @ 3500 MHz; Calibrated: 2020/3/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (61x71x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 12.7 W/kg

Pin=250mW/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm
Reference Value = 63.65 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 17.3 W/kg
SAR(1 g) = 6.5 W/kg; SAR(10 g) = 2.45 W/kg
Smallest distance from peaks to all points 3 dB below = 8.5 mm
Ratio of SAR at M2 to SAR at M1 = 44.4%
Maximum value of SAR (measured) = 11.3 W/kg



0 dB = 11.3 W/kg = 10.53 dBW/kg

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Date:2020/7/1

Report No. :ES/2020/30005

Dipole 3700 MHz_SN:1057

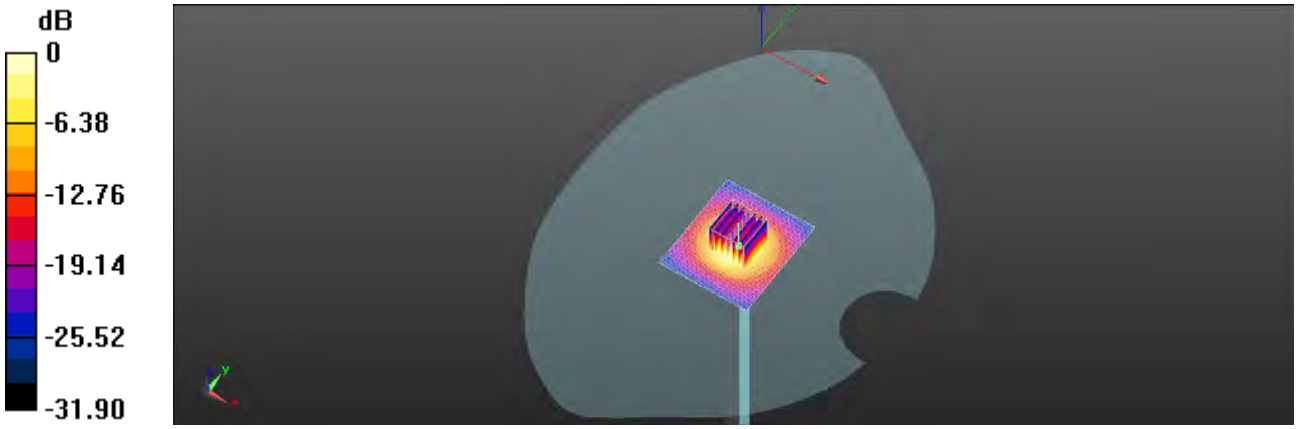
Communication System: CW; Frequency: 3700 MHz; Duty cycle= 1:1
Medium parameters used: f = 3700 MHz; σ = 3.094 S/m; ε_r = 37.238; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.5°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(6.67, 6.67, 6.67) @ 3700 MHz; Calibrated: 2020/3/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (61x71x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 12.3 W/kg

Pin=250mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 63.25 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 19.6 W/kg
SAR(1 g) = 6.26 W/kg; SAR(10 g) = 2.28 W/kg
Smallest distance from peaks to all points 3 dB below = 8.8 mm
Ratio of SAR at M2 to SAR at M1 = 60.7%
Maximum value of SAR (measured) = 11.6 W/kg



0 dB = 11.6 W/kg = 10.64 dBW/kg

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Date:2020/7/9

Report No. :ES/2020/30005

Dipole 750 MHz_SN:1015

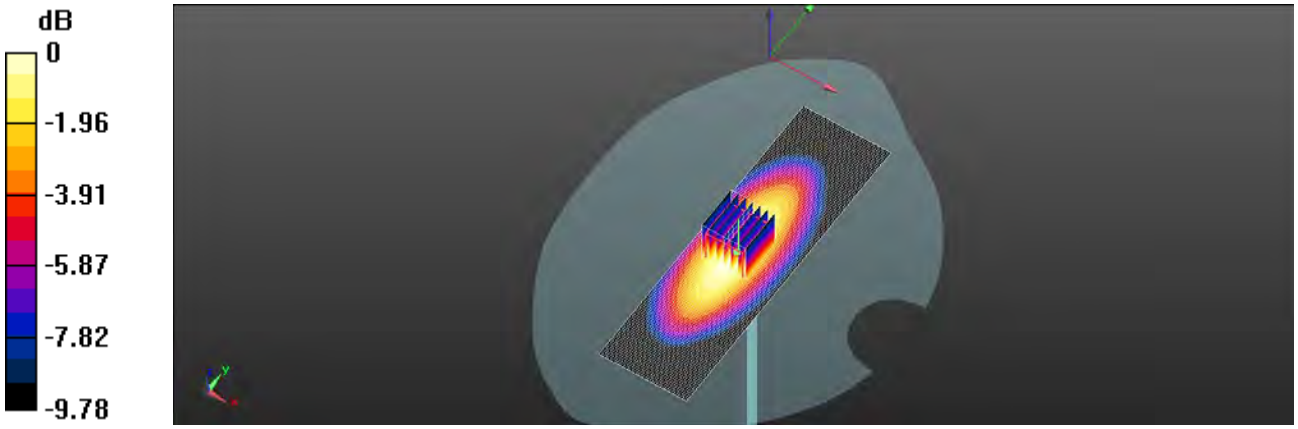
Communication System: CW; Frequency: 750 MHz; Duty cycle= 1:1
Medium parameters used: f = 750 MHz; σ = 0.905 S/m; ε_r = 42.314; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.5°C; Liquid temperature: 22.0°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(9.94, 9.94, 9.94) @ 750 MHz; Calibrated: 2020/3/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (41x141x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 2.95 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 46.21 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 3.50 W/kg
SAR(1 g) = 2.23 W/kg; SAR(10 g) = 1.4 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 67.4%
Maximum value of SAR (measured) = 3.00 W/kg



0 dB = 3.00 W/kg = 4.77 dBW/kg

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Date:2020/7/10

Report No. :ES/2020/30005

Dipole 835 MHz_SN:4d063

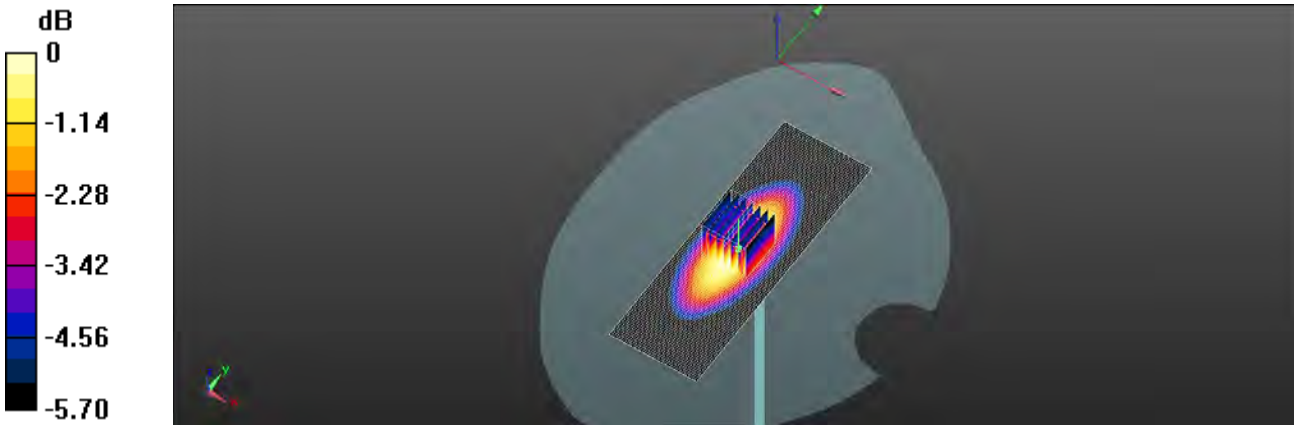
Communication System: CW; Frequency: 835 MHz; Duty cycle= 1:1
Medium parameters used: f = 835 MHz; σ = 0.927 S/m; ε_r = 41.968; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.2°C; Liquid temperature: 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(9.73, 9.73, 9.73) @ 835 MHz; Calibrated: 2020/3/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (41x121x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 2.68 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 48.21 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 2.85 W/kg
SAR(1 g) = 2.34 W/kg; SAR(10 g) = 1.47 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 83.5%
Maximum value of SAR (measured) = 2.68 W/kg



0 dB = 2.68 W/kg = 4.28 dBW/kg

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Date:2020/7/11

Report No. :ES/2020/30005

Dipole 1750 MHz_SN:1008

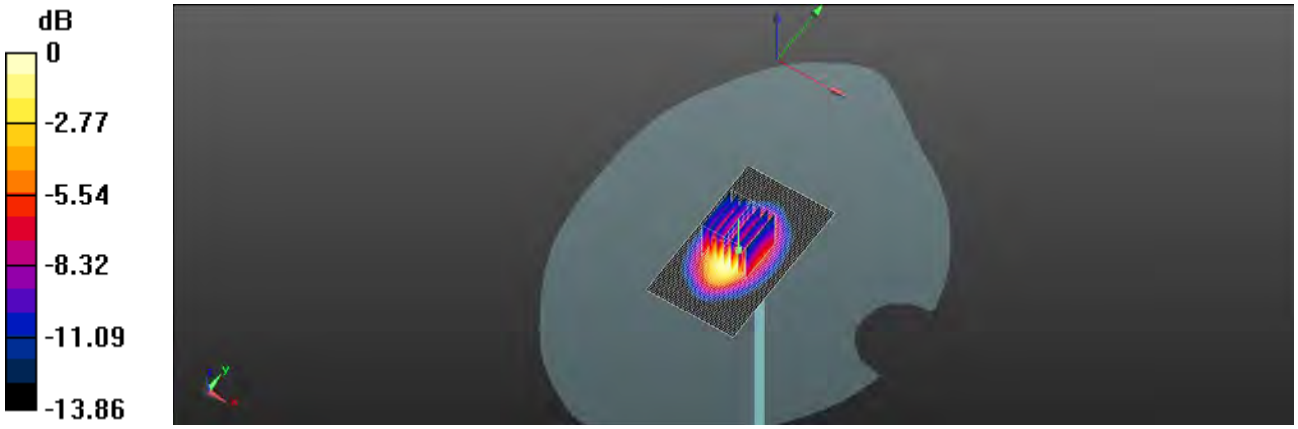
Communication System: CW; Frequency: 1750 MHz; Duty cycle= 1:1
Medium parameters used: f = 1750 MHz; σ = 1.405 S/m; ε_r = 39.907; ρ = 1100 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.4°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(8.34, 8.34, 8.34) @ 1750 MHz; Calibrated: 2020/3/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (41x71x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 12.9 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 89.43 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 15.0 W/kg
SAR(1 g) = 9.09 W/kg; SAR(10 g) = 5.07 W/kg
Smallest distance from peaks to all points 3 dB below = 11 mm
Ratio of SAR at M2 to SAR at M1 = 61%
Maximum value of SAR (measured) = 12.2 W/kg



0 dB = 12.2 W/kg = 10.86 dBW/kg

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Date:2020/7/12

Report No. :ES/2020/30005

Dipole 1900 MHz_SN:5d027

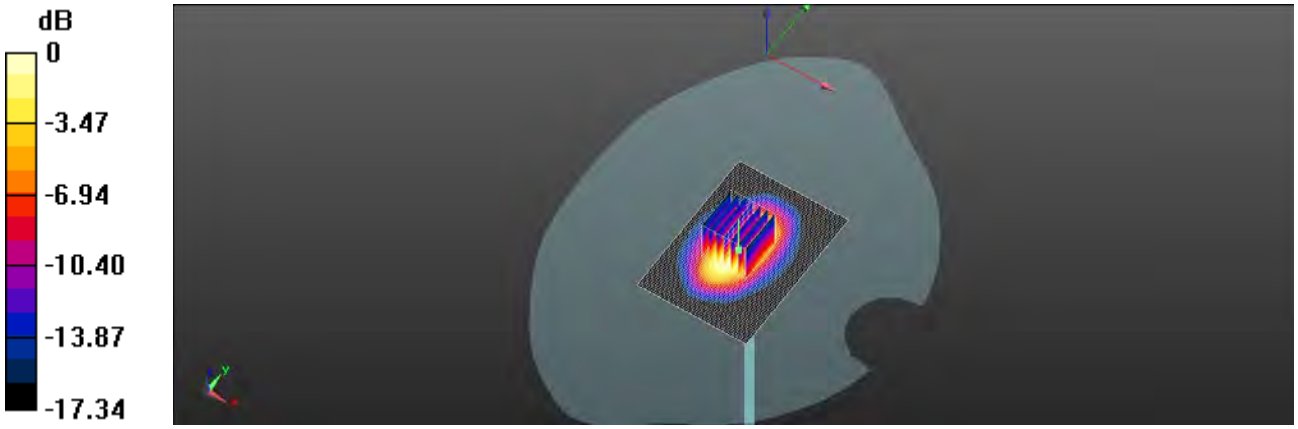
Communication System: CW; Frequency: 1900 MHz; Duty cycle= 1:1
Medium parameters used: f = 1900 MHz; σ = 1.442 S/m; ε_r = 39.275; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.8°C; Liquid temperature: 21.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(8.07, 8.07, 8.07) @ 1900 MHz; Calibrated: 2020/3/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.8.8(1258); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (51x71x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 15.0 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 98.42 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 18.0 W/kg
SAR(1 g) = 9.7 W/kg; SAR(10 g) = 5.04 W/kg
Smallest distance from peaks to all points 3 dB below = 10 mm
Ratio of SAR at M2 to SAR at M1 = 54.5%
Maximum value of SAR (measured) = 14.0 W/kg



0 dB = 14.0 W/kg = 11.46 dBW/kg

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Date:2020/7/23

Report No. :ES/2020/30005

Dipole 2300 MHz_SN:1023

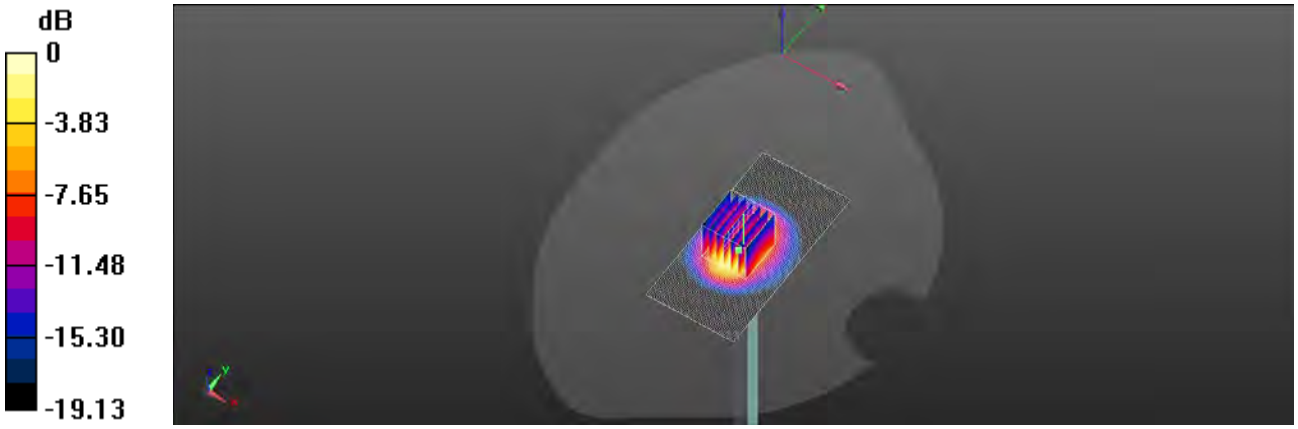
Communication System: CW; Frequency: 2300 MHz; Duty cycle= 1:1
Medium parameters used: f = 2300 MHz; σ = 1.694 S/m; ε_r = 39.024; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.2°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(7.76, 7.76, 7.76) @ 2300 MHz; Calibrated: 2020/3/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (51x101x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 17.7 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 103.3 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 22.2 W/kg
SAR(1 g) = 12 W/kg; SAR(10 g) = 6.1 W/kg
Smallest distance from peaks to all points 3 dB below = 10 mm
Ratio of SAR at M2 to SAR at M1 = 54.1%
Maximum value of SAR (measured) = 17.1 W/kg



0 dB = 17.1 W/kg = 12.33 dBW/kg

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Date:2020/7/14

Report No. :ES/2020/30005

Dipole 2600 MHz_SN:1005

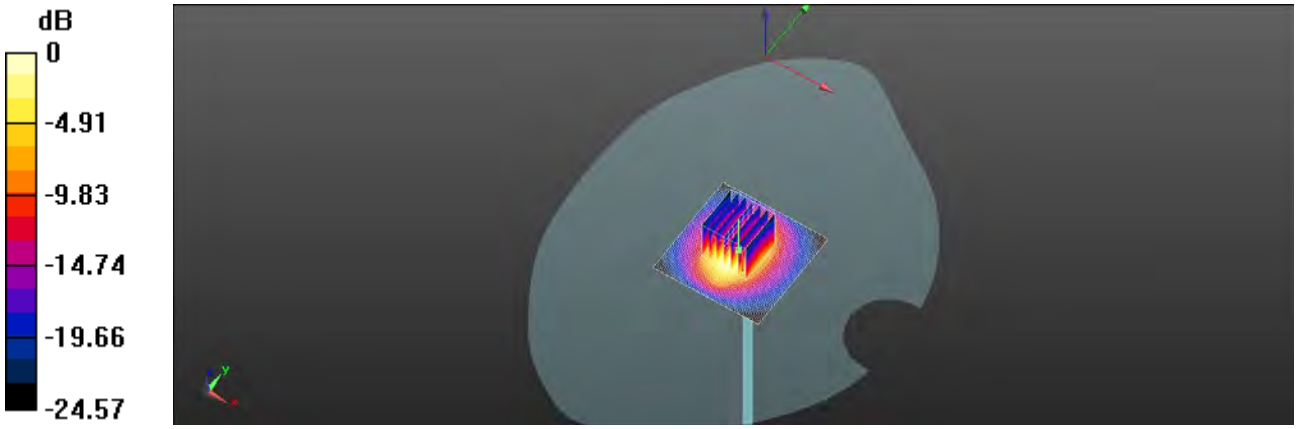
Communication System: CW; Frequency: 2600 MHz; Duty cycle= 1:1
Medium parameters used: f = 2600 MHz; σ = 1.959 S/m; ε_r = 38.079; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.2°C; Liquid temperature: 22.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(7.23, 7.23, 7.23) @ 2600 MHz; Calibrated: 2020/3/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 21.6 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 105.1 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 30.4 W/kg
SAR(1 g) = 13.8 W/kg; SAR(10 g) = 6.15 W/kg
Smallest distance from peaks to all points 3 dB below = 9 mm
Ratio of SAR at M2 to SAR at M1 = 44.6%
Maximum value of SAR (measured) = 21.6 W/kg



0 dB = 21.6 W/kg = 13.34 dBW/kg

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Date:2020/7/15

Report No. :ES/2020/30005

Dipole 3300 MHz_SN:1013

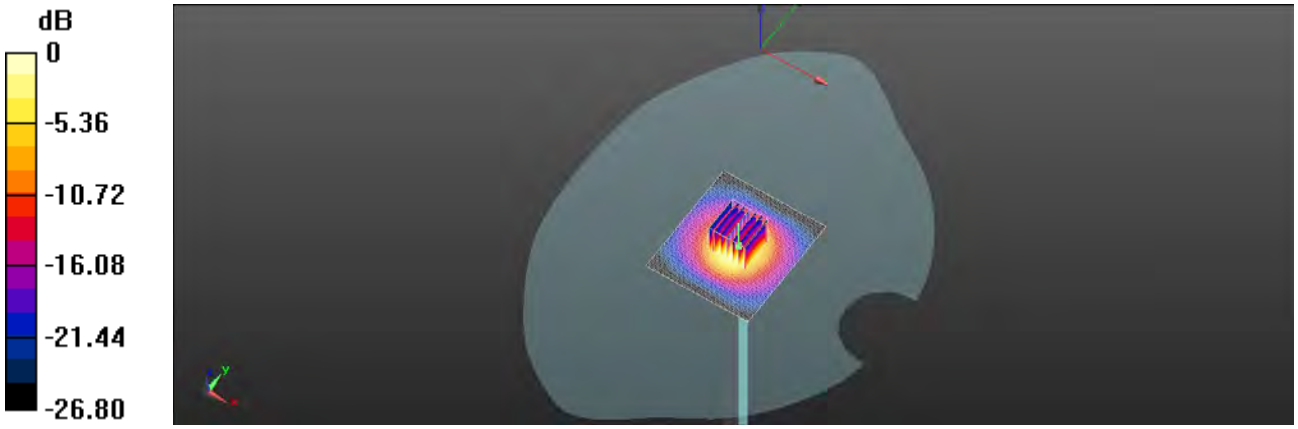
Communication System: CW; Frequency: 3300 MHz; Duty cycle= 1:1
Medium parameters used: f = 3300 MHz; σ = 2.740 S/m; ε_r = 37.975; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.3°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(6.8, 6.8, 6.8) @ 3300 MHz; Calibrated: 2020/3/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (71x81x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 12.4 W/kg

Pin=250mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 69.19 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 19.0 W/kg
SAR(1 g) = 6.86 W/kg; SAR(10 g) = 2.54 W/kg
Smallest distance from peaks to all points 3 dB below = 8.6 mm
Ratio of SAR at M2 to SAR at M1 = 64.8%
Maximum value of SAR (measured) = 12.3 W/kg



0 dB = 12.3 W/kg = 10.90 dBW/kg

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Date:2020/7/16

Report No. :ES/2020/30005

Dipole 3500 MHz_SN:1009

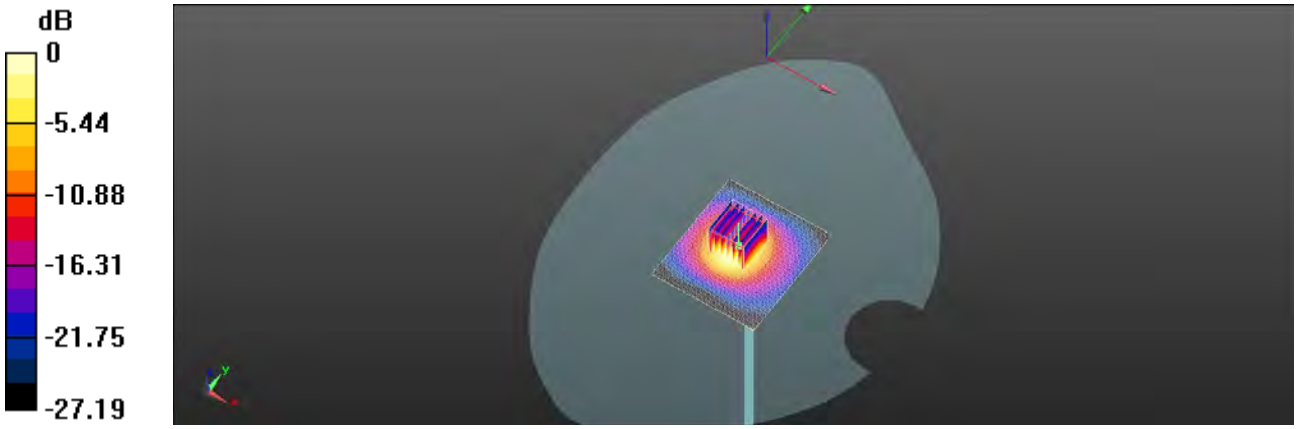
Communication System: CW; Frequency: 3500 MHz; Duty cycle= 1:1
Medium parameters used: f = 3500 MHz; σ = 2.883 S/m; ε_r = 37.581; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.7°C; Liquid temperature: 22.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(6.73, 6.73, 6.73) @ 3500 MHz; Calibrated: 2020/3/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (71x81x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 13.4 W/kg

Pin=250mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 60.76 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 19.6 W/kg
SAR(1 g) = 7.22 W/kg; SAR(10 g) = 2.61 W/kg
Smallest distance from peaks to all points 3 dB below = 8.8 mm
Ratio of SAR at M2 to SAR at M1 = 64.8%
Maximum value of SAR (measured) = 12.8 W/kg



0 dB = 12.8 W/kg = 11.07 dBW/kg

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Date:2020/7/15

Report No. :ES/2020/30005

Dipole 3700 MHz_SN:1057

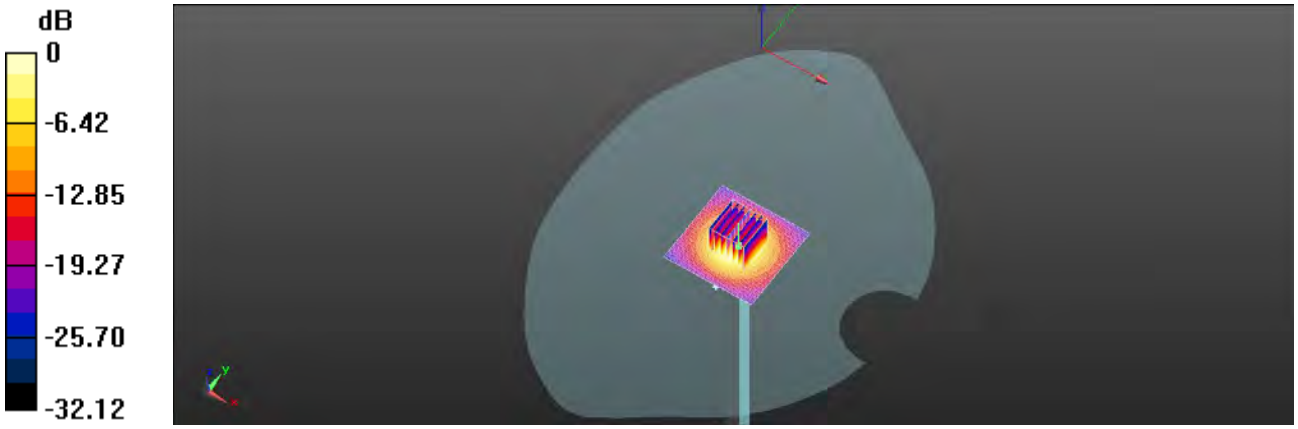
Communication System: CW; Frequency: 3700 MHz; Duty cycle= 1:1
Medium parameters used: f = 3700 MHz; σ = 3.094 S/m; ε_r = 37.088; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(6.67, 6.67, 6.67) @ 3700 MHz; Calibrated: 2020/3/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 11.9 W/kg

Pin=250mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 64.40 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 20.1 W/kg
SAR(1 g) = 6.37 W/kg; SAR(10 g) = 2.28 W/kg
Smallest distance from peaks to all points 3 dB below = 8.6 mm
Ratio of SAR at M2 to SAR at M1 = 60.5%
Maximum value of SAR (measured) = 11.8 W/kg



0 dB = 11.8 W/kg = 10.72 dBW/kg

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Date:2020/7/21

Report No. :ES/2020/30005

Dipole 750 MHz_SN:1015

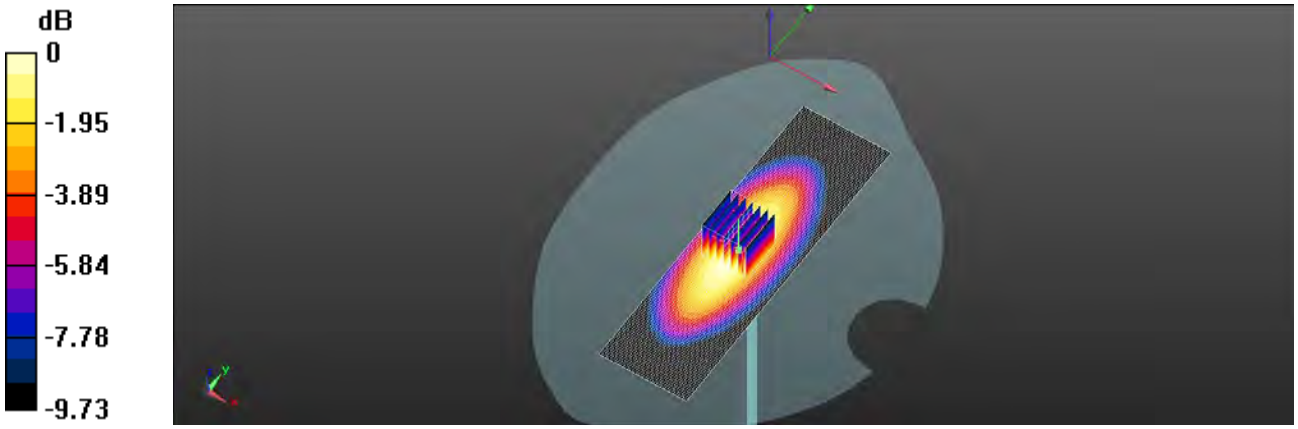
Communication System: CW; Frequency: 750 MHz; Duty cycle= 1:1
Medium parameters used: f = 750 MHz; σ = 0.899 S/m; ε_r = 42.494; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.8°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(9.94, 9.94, 9.94) @ 750 MHz; Calibrated: 2020/3/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (41x141x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 2.57 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 53.11 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 3.07 W/kg
SAR(1 g) = 2.08 W/kg; SAR(10 g) = 1.39 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 68.2%
Maximum value of SAR (measured) = 2.62 W/kg



0 dB = 2.62 W/kg = 4.18 dBW/kg

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Date:2020/7/22

Report No. :ES/2020/30005

Dipole 835 MHz_SN:4d063

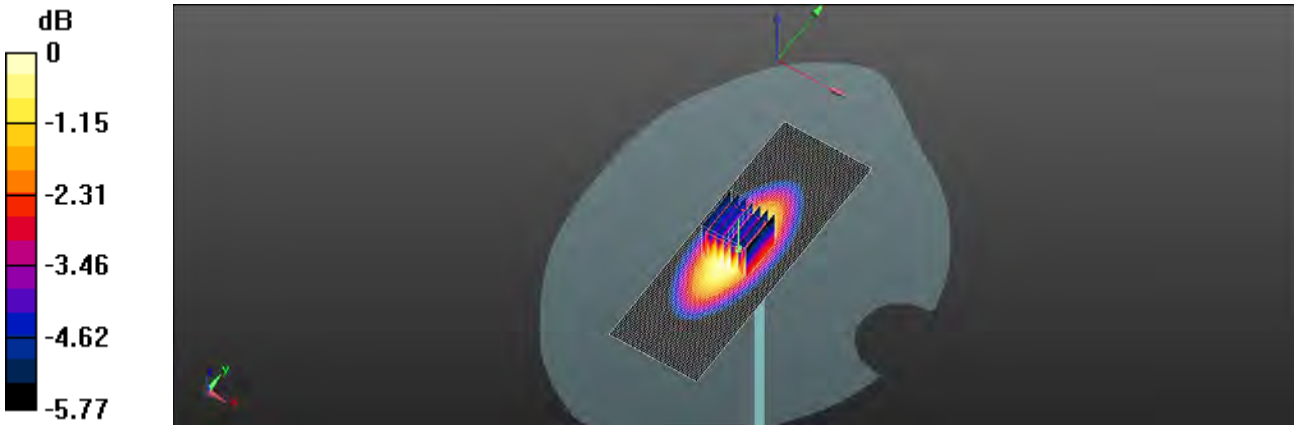
Communication System: CW; Frequency: 835 MHz; Duty cycle= 1:1
Medium parameters used: f = 835 MHz; σ = 0.913 S/m; ε_r = 42.044; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.6°C; Liquid temperature: 22.0°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(9.73, 9.73, 9.73) @ 835 MHz; Calibrated: 2020/3/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (41x121x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 2.68 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 45.54 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 2.86 W/kg
SAR(1 g) = 2.34 W/kg; SAR(10 g) = 1.52 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 84.3%
Maximum value of SAR (measured) = 2.70 W/kg



0 dB = 2.70 W/kg = 4.31 dBW/kg

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Date:2020/7/23

Report No. :ES/2020/30005

Dipole 1750 MHz_SN:1008

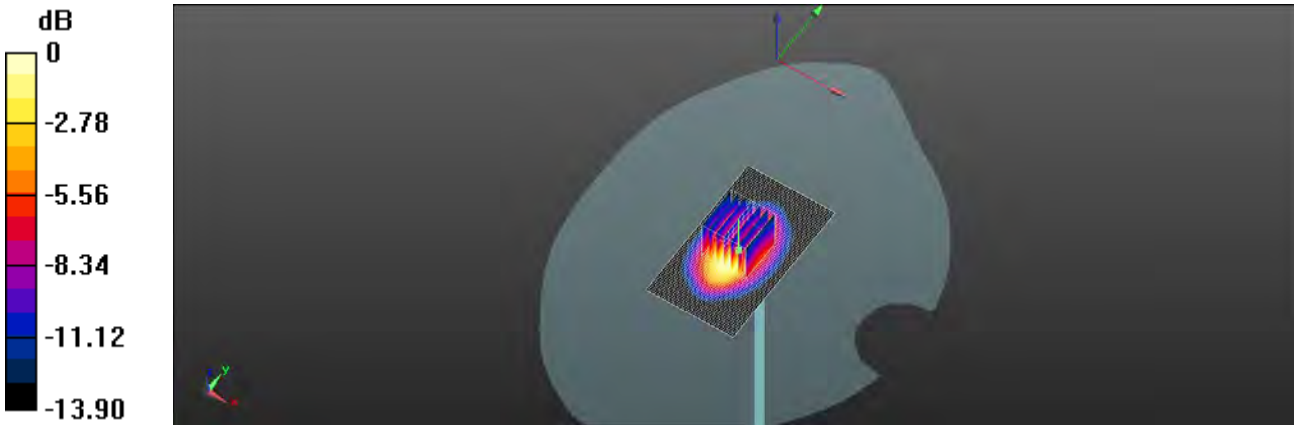
Communication System: CW; Frequency: 1750 MHz; Duty cycle= 1:1
Medium parameters used: f = 1750 MHz; σ = 1.396 S/m; ε_r = 40.067; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.1°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(8.34, 8.34, 8.34) @ 835 MHz; Calibrated: 2020/3/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (41x71x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 11.8 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 89.40 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 13.8 W/kg
SAR(1 g) = 8.47 W/kg; SAR(10 g) = 4.98 W/kg
Smallest distance from peaks to all points 3 dB below = 11 mm
Ratio of SAR at M2 to SAR at M1 = 60.7%
Maximum value of SAR (measured) = 11.3 W/kg



0 dB = 11.3 W/kg = 10.53 dBW/kg

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Date:2020/7/24

Report No. :ES/2020/30005

Dipole 1900 MHz_SN:5d173

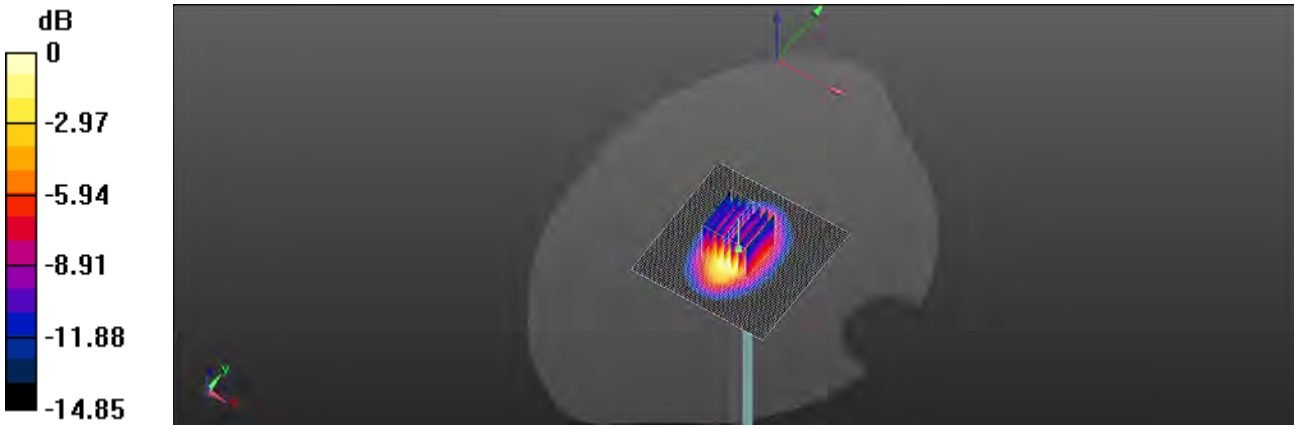
Communication System: CW; Frequency: 1900 MHz; Duty cycle= 1:1
Medium parameters used: f = 1900 MHz; σ = 1.426 S/m; ε_r = 39.425; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.4°C; Liquid temperature: 22.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(8.07, 8.07, 8.07) @ 1900 MHz; Calibrated: 2020/3/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 13.4 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 100.7 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 16.6 W/kg
SAR(1 g) = 9.72 W/kg; SAR(10 g) = 5.47 W/kg
Smallest distance from peaks to all points 3 dB below = 10 mm
Ratio of SAR at M2 to SAR at M1 = 58.9%
Maximum value of SAR (measured) = 13.3 W/kg



0 dB = 13.3 W/kg = 11.24 dBW/kg

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Date:2020/7/23

Report No. :ES/2020/30005

Dipole 2300 MHz_SN:1023

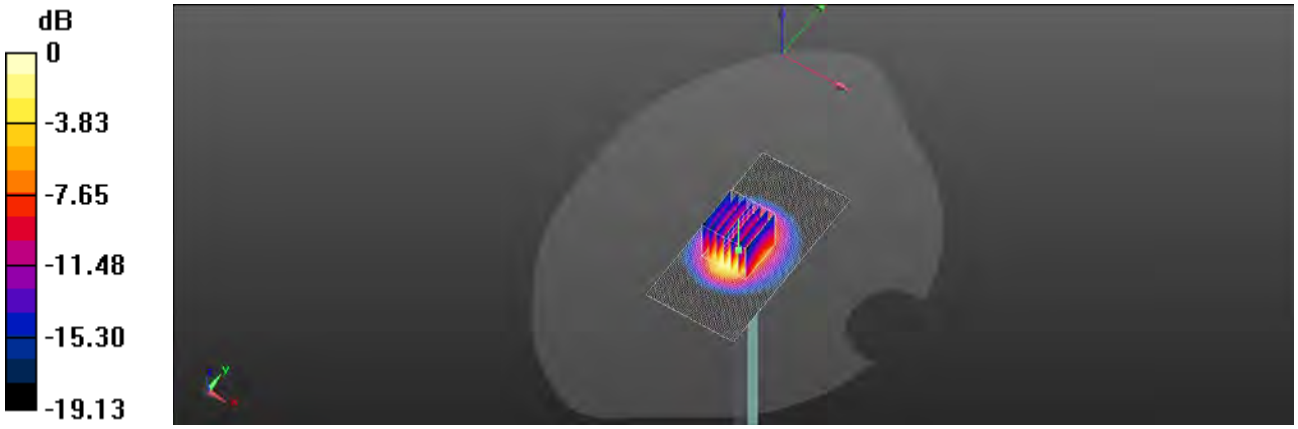
Communication System: CW; Frequency: 2300 MHz; Duty cycle= 1:1
Medium parameters used: f = 2300 MHz; σ = 1.680 S/m; ε_r = 39.064; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.5°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(7.76, 7.76, 7.76) @ 2300 MHz; Calibrated: 2020/3/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (51x101x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 17.8 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 103.6 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 22.4 W/kg
SAR(1 g) = 12.1 W/kg; SAR(10 g) = 5.74 W/kg
Smallest distance from peaks to all points 3 dB below = 9.8 mm
Ratio of SAR at M2 to SAR at M1 = 54.2%
Maximum value of SAR (measured) = 17.2 W/kg



0 dB = 17.2 W/kg = 12.36 dBW/kg

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Date:2020/7/26

Report No. :ES/2020/30005

Dipole 2600 MHz_SN:1005

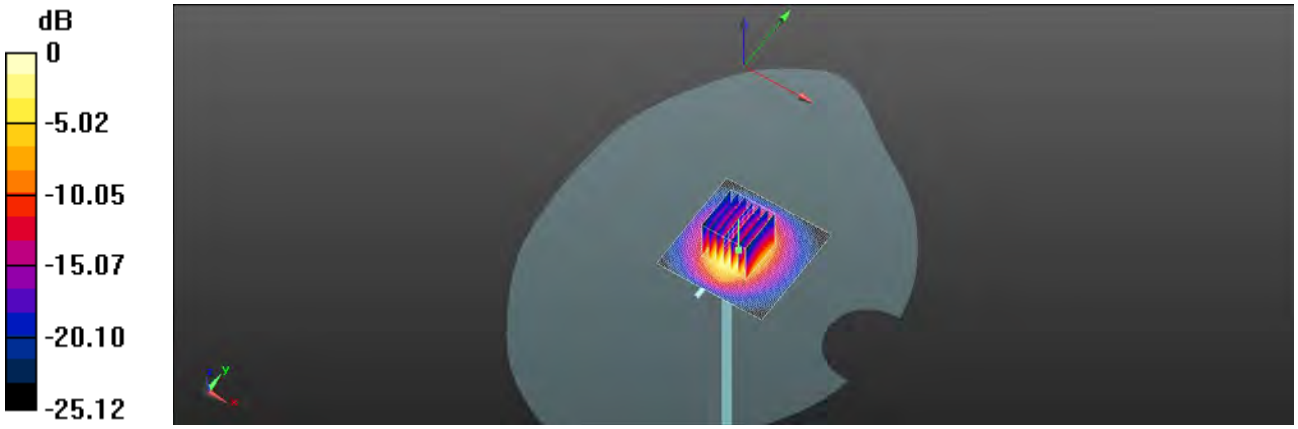
Communication System: CW; Frequency: 2600 MHz; Duty cycle= 1:1
Medium parameters used: f = 2600 MHz; σ = 1.947 S/m; ε_r = 38.105; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.9°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(7.23, 7.23, 7.23) @ 2600 MHz; Calibrated: 2020/3/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.8.8(1258); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 22.7 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 106.4 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 31.4 W/kg
SAR(1 g) = 14.1 W/kg; SAR(10 g) = 6.12 W/kg
Smallest distance from peaks to all points 3 dB below = 9.1 mm
Ratio of SAR at M2 to SAR at M1 = 44.9%
Maximum value of SAR (measured) = 22.2 W/kg



0 dB = 22.2 W/kg = 13.46 dBW/kg

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Date:2020/7/27

Report No. :ES/2020/30005

Dipole 3300 MHz_SN:1013

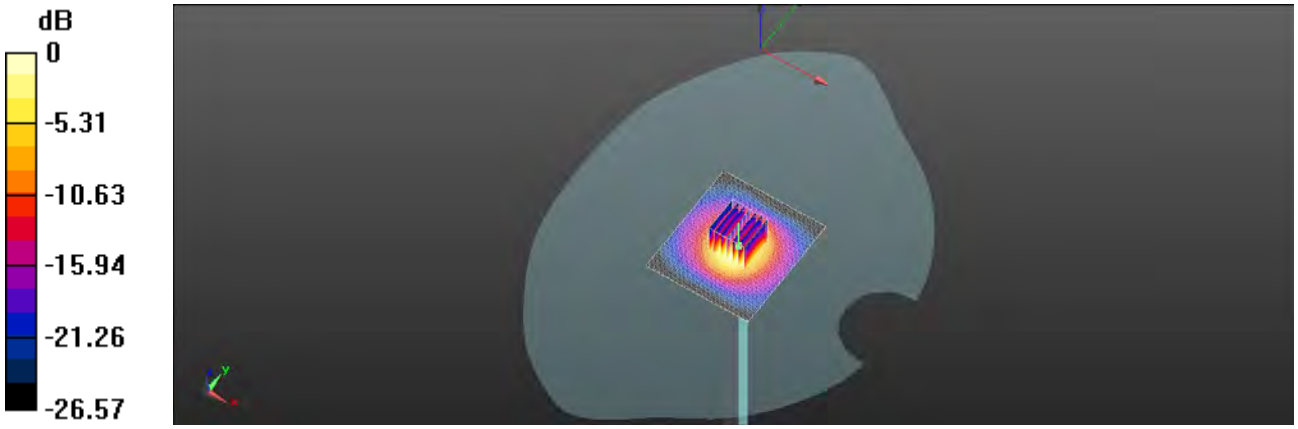
Communication System: CW; Frequency: 3300 MHz; Duty cycle= 1:1
Medium parameters used: f = 3300 MHz; σ = 2.737 S/m; ε_r = 38.057; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.1°C; Liquid temperature: 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(6.8, 6.8, 6.8) @ 3300 MHz; Calibrated: 2020/3/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (71x81x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 11.6 W/kg

Pin=250mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 68.96 V/m; Power Drift = -0.08 dB
Peak SAR (extrapolated) = 17.6 W/kg
SAR(1 g) = 6.46 W/kg; SAR(10 g) = 2.43 W/kg
Smallest distance from peaks to all points 3 dB below = 8.6 mm
Ratio of SAR at M2 to SAR at M1 = 64.5%
Maximum value of SAR (measured) = 11.3 W/kg



0 dB = 11.3 W/kg = 10.53 dBW/kg

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Date:2020/7/28

Report No. :ES/2020/30005

Dipole 3500 MHz_SN:1009

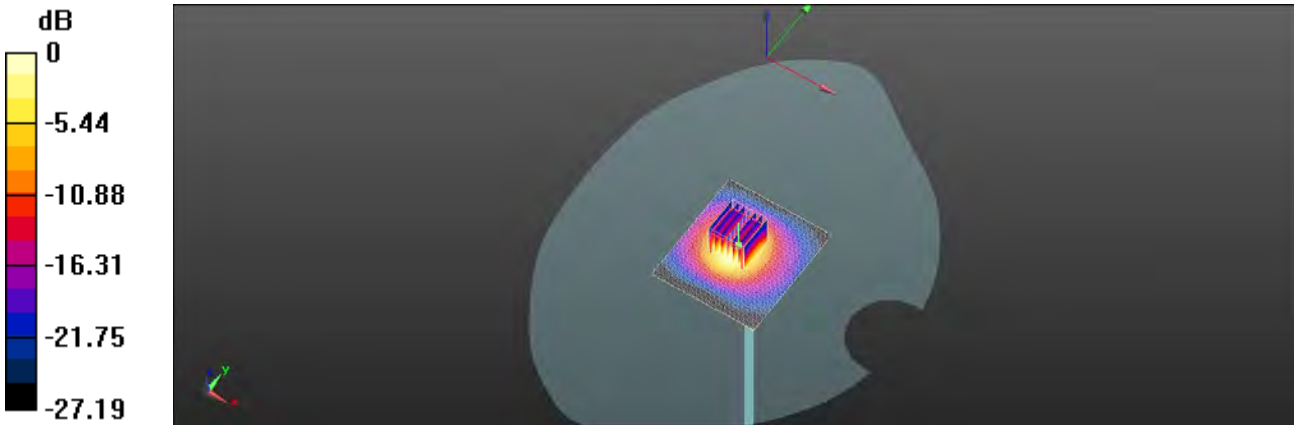
Communication System: CW; Frequency: 3500 MHz; Duty cycle= 1:1
Medium parameters used: f = 3500 MHz; σ = 2.880 S/m; ε_r = 37.751; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.8°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(6.73, 6.73, 6.73) @ 3500 MHz; Calibrated: 2020/3/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (71x81x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 12.8 W/kg

Pin=250mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 60.85 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 18.7 W/kg
SAR(1 g) = 6.98 W/kg; SAR(10 g) = 2.63 W/kg
Smallest distance from peaks to all points 3 dB below = 8.8 mm
Ratio of SAR at M2 to SAR at M1 = 64.5%
Maximum value of SAR (measured) = 12.2 W/kg



0 dB = 12.2 W/kg = 10.86 dBW/kg

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Date:2020/7/27

Report No. :ES/2020/30005

Dipole 3700 MHz_SN:1057

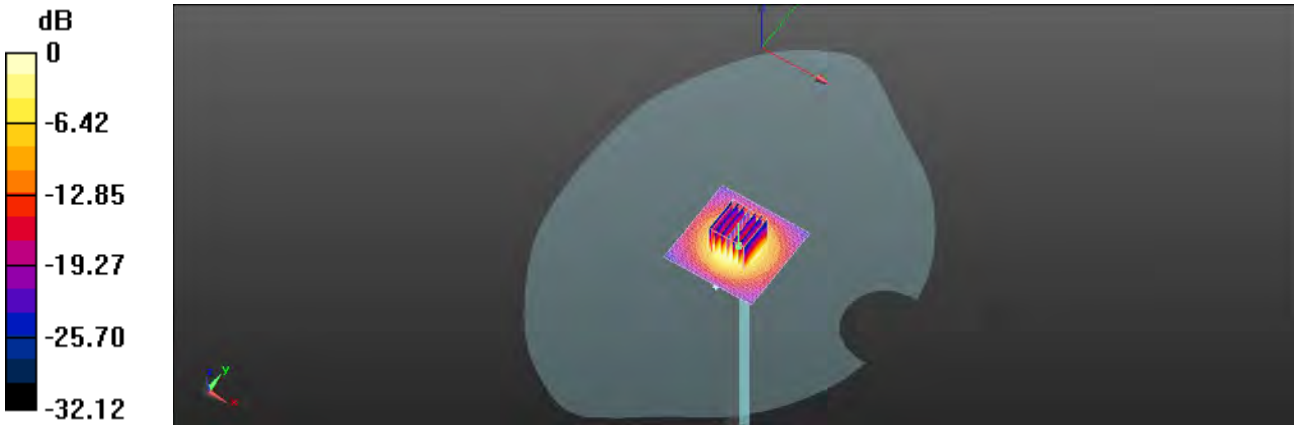
Communication System: CW; Frequency: 3700 MHz; Duty cycle= 1:1
Medium parameters used: f = 3700 MHz; σ = 3.081 S/m; ε_r = 37.228; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(6.67, 6.67, 6.67) @ 3700 MHz; Calibrated: 2020/3/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.3(1513); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 12.4 W/kg

Pin=250mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 63.82 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 21.0 W/kg
SAR(1 g) = 6.55 W/kg; SAR(10 g) = 2.29 W/kg
Smallest distance from peaks to all points 3 dB below = 8.7 mm
Ratio of SAR at M2 to SAR at M1 = 60.5%
Maximum value of SAR (measured) = 12.4 W/kg



0 dB = 12.4 W/kg = 10.93 dBW/kg

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Date: 2020/7/14

Report No. :ES/2020/30005

Dipole 750 MHz_SN:1015

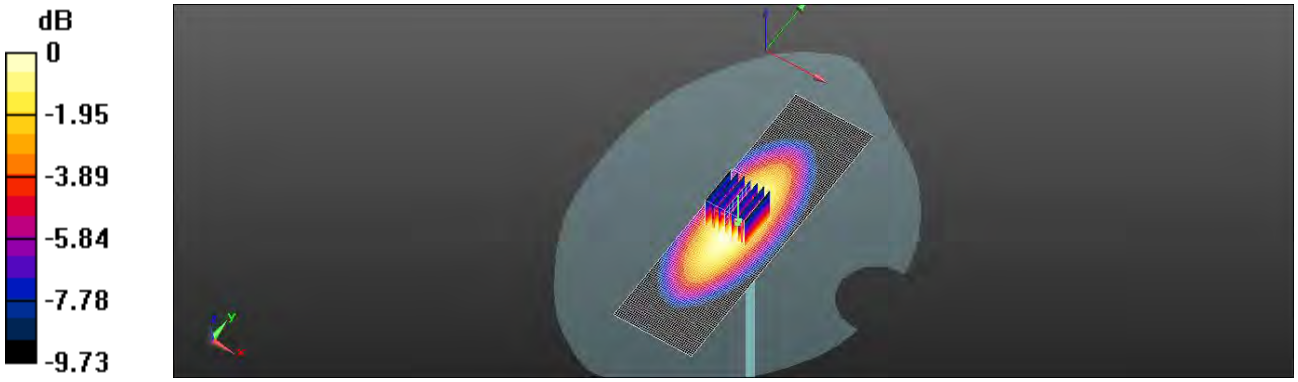
Communication System: CW; Frequency: 750 MHz; Duty cycle= 1:1
Medium parameters used: f = 750 MHz; σ = 0.881 S/m; ε_r = 42.634; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.8°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.84, 9.84, 9.84) @ 750 MHz; Calibrated: 2020/05/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2020/03/17
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (41x141x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 2.51 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 52.38 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 2.97 W/kg
SAR(1 g) = 2.02 W/kg; SAR(10 g) = 1.35 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 68.2%
Maximum value of SAR (measured) = 2.54 W/kg



0 dB = 2.54 W/kg = 4.05 dBW/kg

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Date: 2020/7/15

Report No. :ES/2020/30005

Dipole 835 MHz_SN:4d063

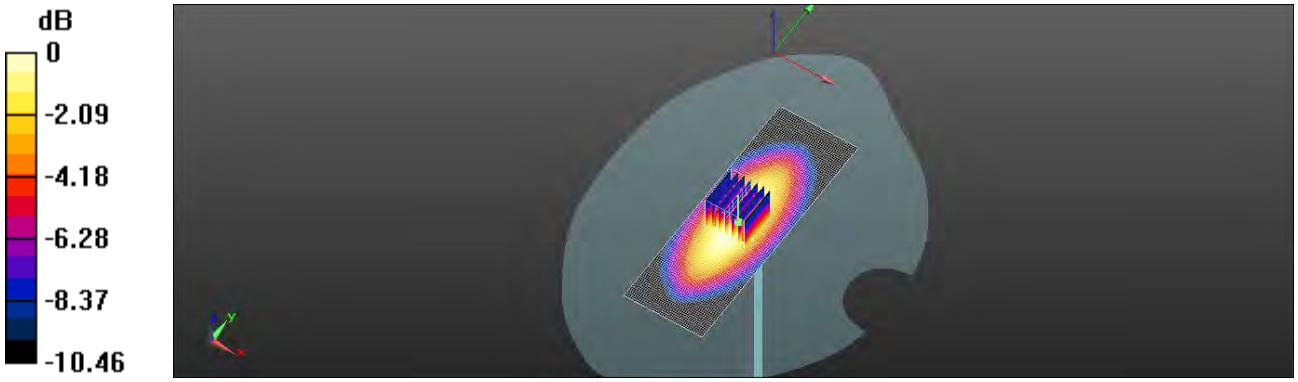
Communication System: CW; Frequency: 835 MHz; Duty cycle= 1:1
Medium parameters used: f = 835 MHz; σ = 0.9 S/m; ε_r = 42.184; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.9°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.5, 9.5, 9.5) @ 835 MHz; Calibrated: 2020/05/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2020/03/17
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (41x121x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 2.85 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 58.64 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 3.33 W/kg
SAR(1 g) = 2.25 W/kg; SAR(10 g) = 1.48 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 67.5%
Maximum value of SAR (measured) = 2.84 W/kg



0 dB = 2.84 W/kg = 4.53 dBW/kg

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Date: 2020/7/16

Report No. :ES/2020/30005

Dipole 1750 MHz_SN:1008

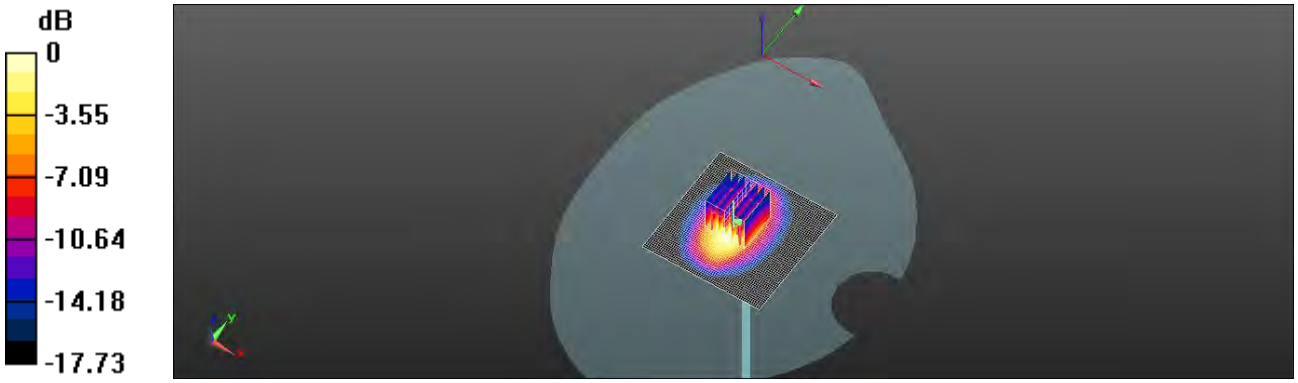
Communication System: CW; Frequency: 1750 MHz; Duty cycle= 1:1
Medium parameters used: f = 1750 MHz; σ = 1.38 S/m; ε_r = 40.257; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.3°C; Liquid temperature: 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(8.36, 8.36, 8.36) @ 1750 MHz; Calibrated: 2020/05/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2020/03/17
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 12.5 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 92.09 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 16.1 W/kg
SAR(1 g) = 8.69 W/kg; SAR(10 g) = 4.54 W/kg
Smallest distance from peaks to all points 3 dB below = 11 mm
Ratio of SAR at M2 to SAR at M1 = 54.2%
Maximum value of SAR (measured) = 12.5 W/kg



0 dB = 12.5 W/kg = 10.97 dBW/kg

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Date: 2020/7/17

Report No. :ES/2020/30005

Dipole 1900 MHz_SN:5d173

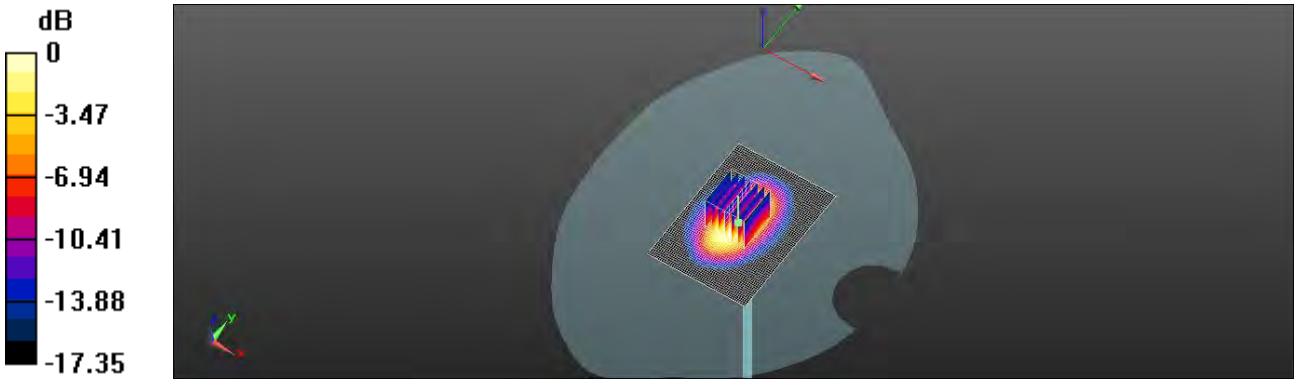
Communication System: CW; Frequency: 1900 MHz; Duty cycle= 1:1
Medium parameters used: f = 1900 MHz; σ = 1.399 S/m; ε_r = 39.682; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.7°C; Liquid temperature: 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(8.03, 8.03, 8.03) @ 1900 MHz; Calibrated: 2020/05/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2020/03/17
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (51x71x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 14.9 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 98.42 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 17.9 W/kg
SAR(1 g) = 9.68 W/kg; SAR(10 g) = 5.02 W/kg
Smallest distance from peaks to all points 3 dB below = 10 mm
Ratio of SAR at M2 to SAR at M1 = 54.5%
Maximum value of SAR (measured) = 14.0 W/kg



0 dB = 14.0 W/kg = 11.46 dBW/kg

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Date: 2020/7/27

Report No. :ES/2020/30005

Dipole 2300 MHz_SN:1023

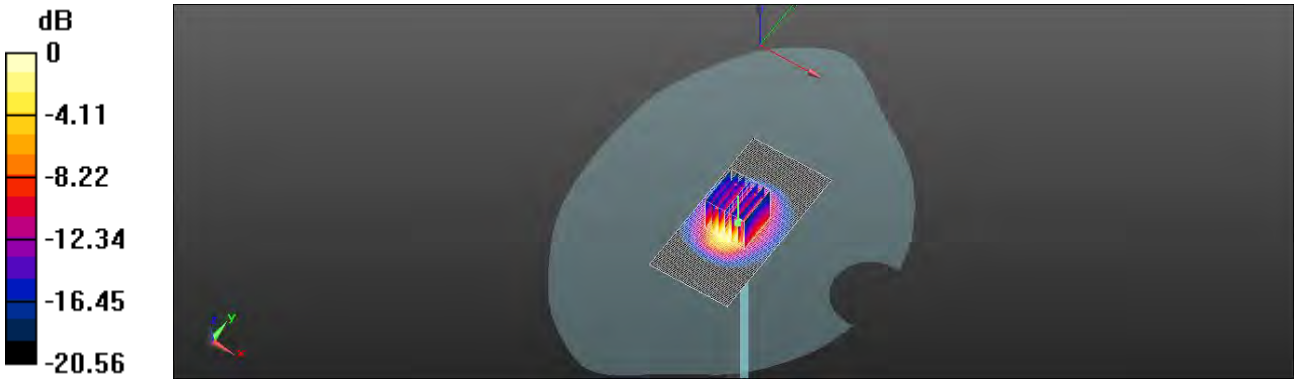
Communication System: CW; Frequency: 2300 MHz; Duty cycle= 1:1
Medium parameters used: f = 2300 MHz; σ = 1.662 S/m; ε_r = 39.224; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.7°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.67, 7.67, 7.67) @ 2300 MHz; Calibrated: 2020/05/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2020/03/17
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (51x101x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 18.5 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 100.8 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 24.1 W/kg
SAR(1 g) = 11.9 W/kg; SAR(10 g) = 5.56 W/kg
Smallest distance from peaks to all points 3 dB below = 9 mm
Ratio of SAR at M2 to SAR at M1 = 52.3%
Maximum value of SAR (measured) = 18.1 W/kg



0 dB = 18.1 W/kg = 12.58 dBW/kg

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Date: 2020/7/19

Report No. :ES/2020/30005

Dipole 2600 MHz_SN:1005

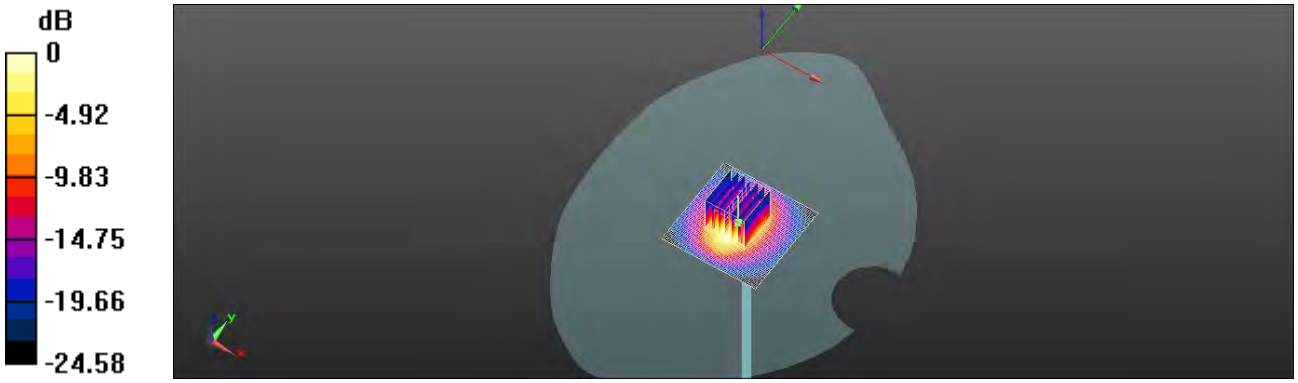
Communication System: CW; Frequency: 2600 MHz; Duty cycle= 1:1
Medium parameters used: f = 2600 MHz; σ = 1.928 S/m; ε_r = 38.339; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.7°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.21, 7.21, 7.21) @ 2600 MHz; Calibrated: 2020/05/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2020/03/17
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 21.6 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 105.1 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 30.4 W/kg
SAR(1 g) = 13.6 W/kg; SAR(10 g) = 6 W/kg
Smallest distance from peaks to all points 3 dB below = 9 mm
Ratio of SAR at M2 to SAR at M1 = 44.6%
Maximum value of SAR (measured) = 21.6 W/kg



0 dB = 21.6 W/kg = 13.34 dBW/kg

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Date: 2020/7/20

Report No. :ES/2020/30005

Dipole 3300 MHz_SN:1013

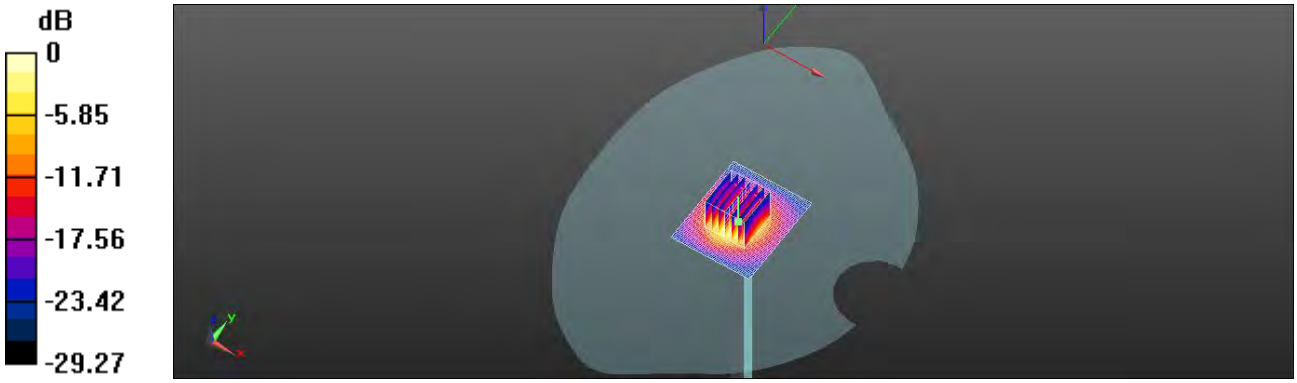
Communication System: CW; Frequency: 3300 MHz; Duty cycle= 1:1
Medium parameters used: f = 3300 MHz; σ = 2.704 S/m; ε_r = 38.217; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.5°C; Liquid temperature: 22.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7, 7, 7) @ 3300 MHz; Calibrated: 2020/05/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2020/03/17
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=100mW/Area Scan (51x61x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 12.2 W/kg

Pin=100mW/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm
Reference Value = 64.28 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 16.9 W/kg
SAR(1 g) = 6.74 W/kg; SAR(10 g) = 2.64 W/kg
Smallest distance from peaks to all points 3 dB below = 8.9 mm
Ratio of SAR at M2 to SAR at M1 = 47.7%
Maximum value of SAR (measured) = 11.3 W/kg



0 dB = 11.3 W/kg = 10.53 dBW/kg

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Date: 2020/7/21

Report No. :ES/2020/30005

Dipole 3500 MHz_SN:1009

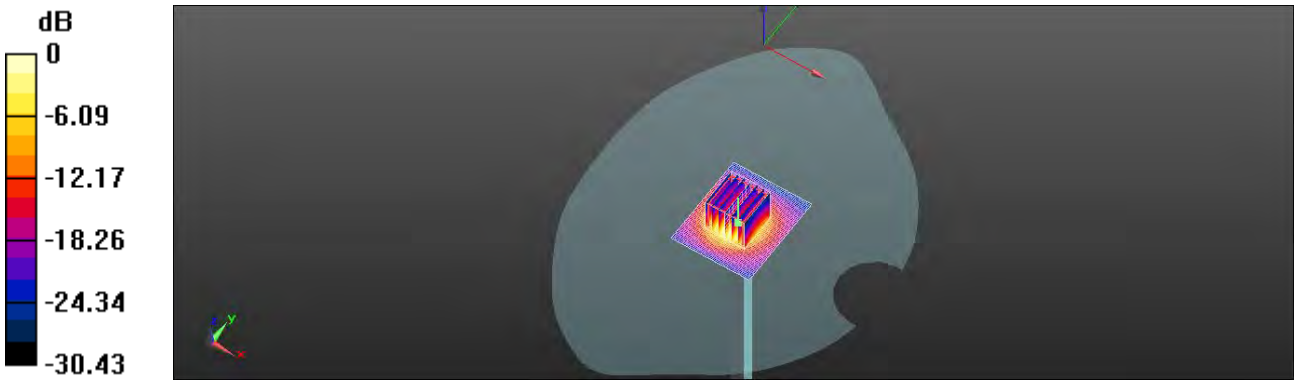
Communication System: CW; Frequency: 3500 MHz; Duty cycle= 1:1
Medium parameters used: f = 3500 MHz; σ = 2.854 S/m; ε_r = 37.963; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.8°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(6.7, 6.7, 6.7) @ 3500 MHz; Calibrated: 2020/05/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2020/03/17
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=100mW/Area Scan (51x61x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 16.2 W/kg

Pin=100mW/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm
Reference Value = 48.75 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 22.7 W/kg
SAR(1 g) = 7.23 W/kg; SAR(10 g) = 2.34 W/kg
Smallest distance from peaks to all points 3 dB below = 7.8 mm
Ratio of SAR at M2 to SAR at M1 = 51.1%
Maximum value of SAR (measured) = 14.9 W/kg



0 dB = 14.9 W/kg = 11.73 dBW/kg

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Date: 2020/7/20

Report No. :ES/2020/30005

Dipole 3700 MHz_SN:1057

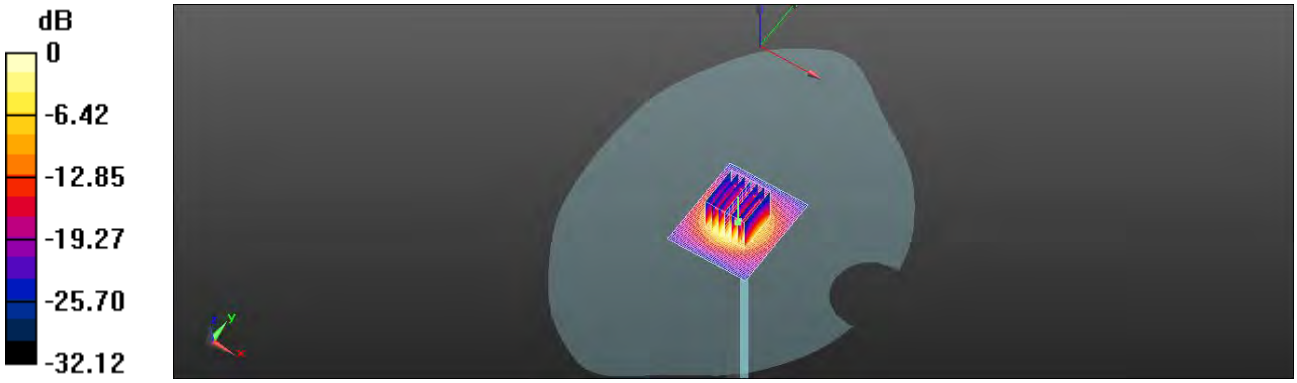
Communication System: CW; Frequency: 3700 MHz; Duty cycle= 1:1
Medium parameters used: f = 3700 MHz; σ = 3.061 S/m; ε_r = 37.428; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.5°C; Liquid temperature: 21.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(6.6, 6.6, 6.6) @ 3700 MHz; Calibrated: 2020/05/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2020/03/17
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=100mW/Area Scan (51x61x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 13.1 W/kg

Pin=100mW/Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm
Reference Value = 54.24 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 19.1 W/kg
SAR(1 g) = 7.07 W/kg; SAR(10 g) = 2.65 W/kg
Smallest distance from peaks to all points 3 dB below = 8.2 mm
Ratio of SAR at M2 to SAR at M1 = 44.5%
Maximum value of SAR (measured) = 12.4 W/kg



0 dB = 12.4 W/kg = 10.93 dBW/kg

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Date:2020/7/5

Report No. :ES/2020/30005

Dipole 2450 MHz_SN:727

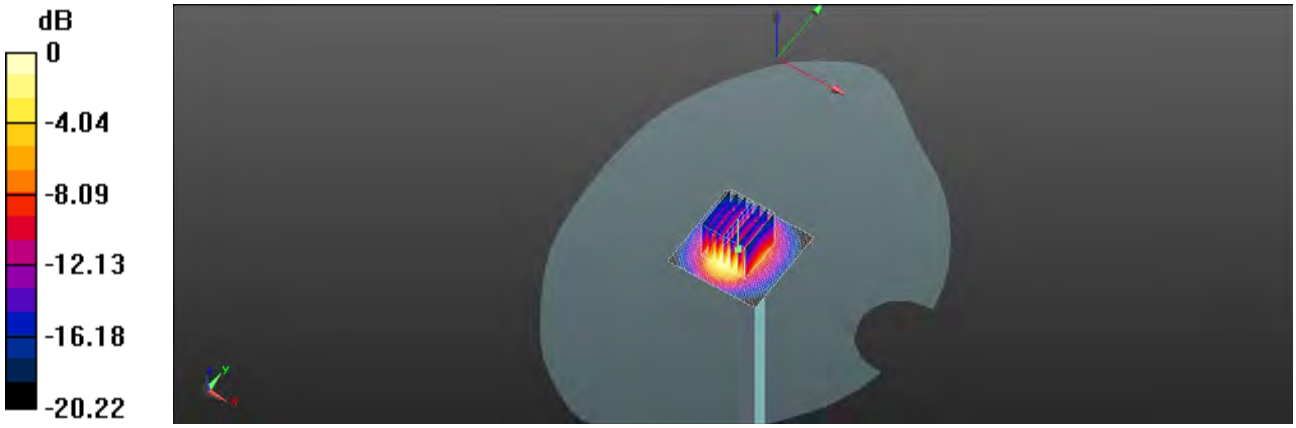
Communication System: CW; Frequency: 2450 MHz; Duty cycle= 1:1
Medium parameters used: f = 2450 MHz; σ = 1.760 S/m; ε_r = 38.885; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.3°C; Liquid temperature: 22.0°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.4, 7.4, 7.4) @ 2450 MHz; Calibrated: 2020/5/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2020/3/17
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (51x51x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 21.9 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 107.0 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 26.6 W/kg
SAR(1 g) = 13.5 W/kg; SAR(10 g) = 6.46 W/kg
Smallest distance from peaks to all points 3 dB below = 8.9 mm
Ratio of SAR at M2 to SAR at M1 = 51.5%
Maximum value of SAR (measured) = 20.3 W/kg



0 dB = 20.3 W/kg = 13.07 dBW/kg

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Date:2020/7/10

Report No. :ES/2020/30005

Dipole 5200 MHz_SN:1023

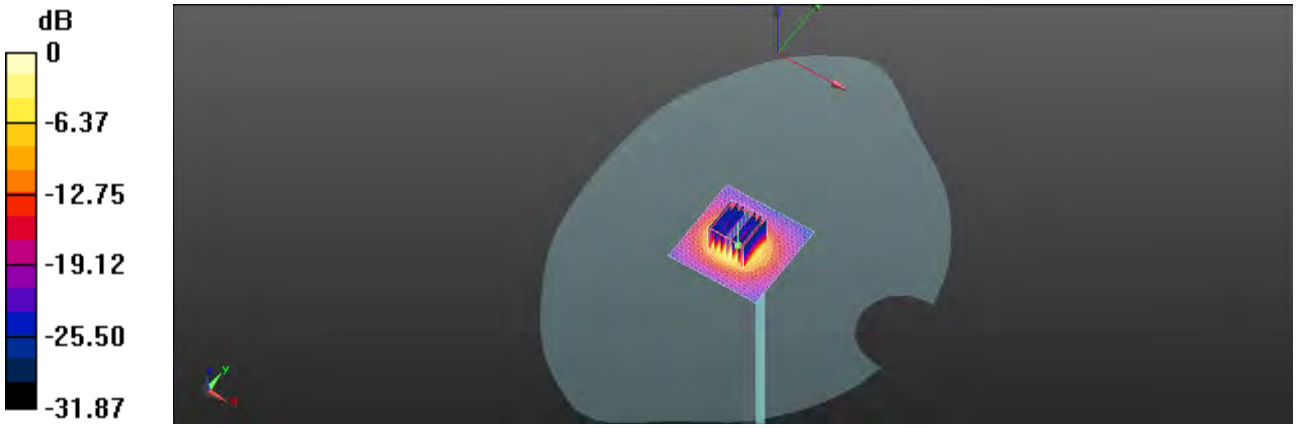
Communication System: CW; Frequency: 5200 MHz; Duty cycle= 1:1
Medium parameters used: f = 5200 MHz; σ = 4.718 S/m; ε_r = 35.611; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.1°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(5.4, 5.4, 5.4) @ 5200 MHz; Calibrated: 2020/5/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2020/3/17
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=100mW/Area Scan (61x61x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 17.9 W/kg

Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 64.24 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 37.3 W/kg
SAR(1 g) = 8.55 W/kg; SAR(10 g) = 2.45 W/kg
Smallest distance from peaks to all points 3 dB below = 7.5 mm
Ratio of SAR at M2 to SAR at M1 = 51.9%
Maximum value of SAR (measured) = 18.2 W/kg



0 dB = 18.2 W/kg = 12.60 dBW/kg

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Date:2020/7/11

Report No. :ES/2020/30005

Dipole 5300 MHz_SN:1023

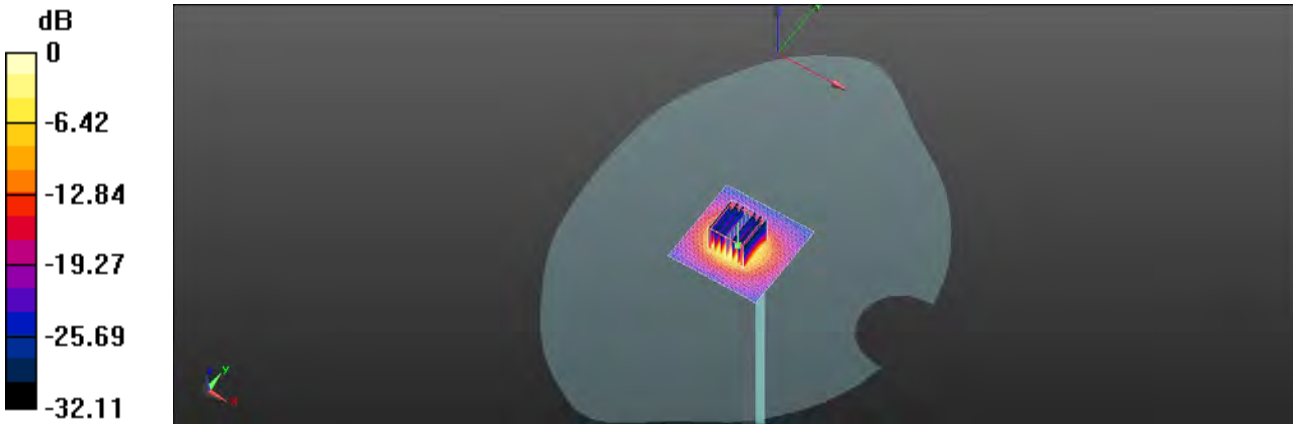
Communication System: CW; Frequency: 5300 MHz; Duty cycle= 1:1
Medium parameters used: f = 5300 MHz; σ = 4.835 S/m; ε_r = 35.425; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.5°C; Liquid temperature: 22.1℃

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(5.4, 5.4, 5.4) @ 5300 MHz; Calibrated: 2020/5/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2020/3/17
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=100mW/Area Scan (61x61x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 18.7 W/kg

Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 65.39 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 40.0 W/kg
SAR(1 g) = 8.9 W/kg; SAR(10 g) = 2.52 W/kg
Smallest distance from peaks to all points 3 dB below = 7.4 mm
Ratio of SAR at M2 to SAR at M1 = 50.7%
Maximum value of SAR (measured) = 18.9 W/kg



0 dB = 18.9 W/kg = 12.76 dBW/kg

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Date:2020/7/12

Report No. :ES/2020/30005

Dipole 5600 MHz_SN 1023

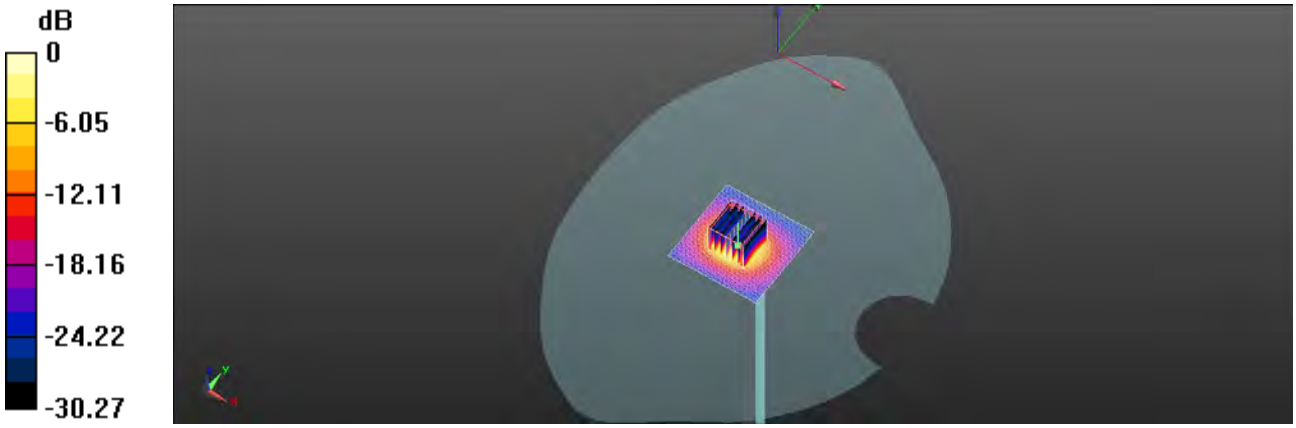
Communication System: CW; Frequency: 5600 MHz; Duty cycle= 1:1
Medium parameters used: f = 5600 MHz; σ = 5.095 S/m; ε_r = 35.091; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.9°C; Liquid temperature: 21.5℃

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(4.79, 4.79, 4.79) @ 5600 MHz; Calibrated: 2020/5/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2020/3/17
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=100mW/Area Scan (61x61x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 18.7 W/kg

Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 62.55 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 41.9 W/kg
SAR(1 g) = 8.79 W/kg; SAR(10 g) = 2.49 W/kg
Smallest distance from peaks to all points 3 dB below = 7.5 mm
Ratio of SAR at M2 to SAR at M1 = 48.8%
Maximum value of SAR (measured) = 18.9 W/kg



0 dB = 18.9 W/kg = 12.76 dBW/kg

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Date:2020/7/13

Report No. :ES/2020/30005

Dipole 5800 MHz_SN:1023

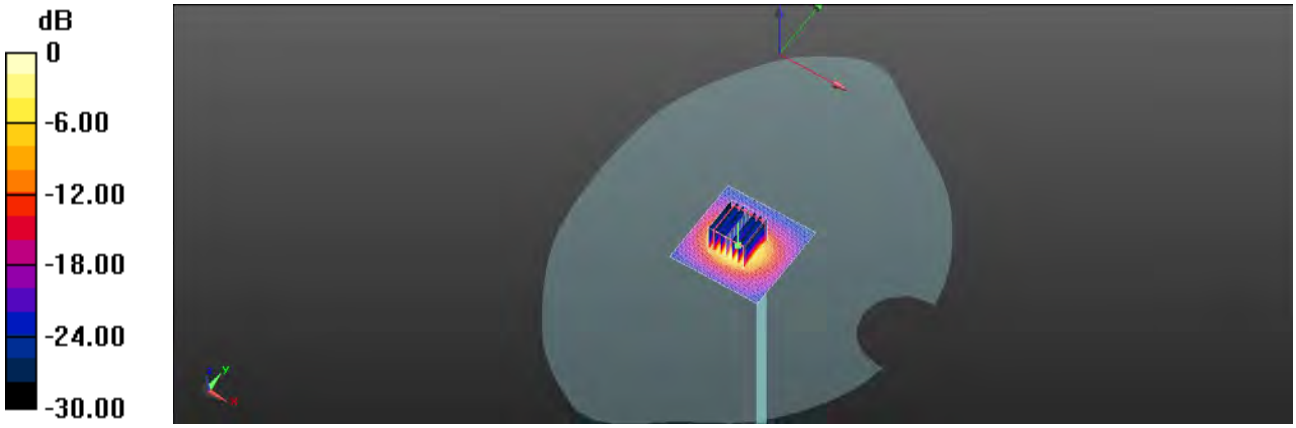
Communication System: CW; Frequency: 5800 MHz; Duty cycle= 1:1
Medium parameters used: f = 5800 MHz; σ = 5.338 S/m; ε_r = 34.626; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.4°C; Liquid temperature: 21.7℃

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(4.9, 4.9, 4.9) @ 5800 MHz; Calibrated: 2020/5/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn877; Calibrated: 2020/3/17
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=100mW/Area Scan (61x61x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 17.8 W/kg

Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 61.06 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 40.8 W/kg
SAR(1 g) = 8.43 W/kg; SAR(10 g) = 2.44 W/kg
Smallest distance from peaks to all points 3 dB below = 7.5 mm
Ratio of SAR at M2 to SAR at M1 = 47.4%
Maximum value of SAR (measured) = 17.8 W/kg



0 dB = 17.8 W/kg = 12.50 dBW/kg

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Date:2020/7/25

Report No. :ES/2020/30005

Dipole 2450 MHz_SN:727

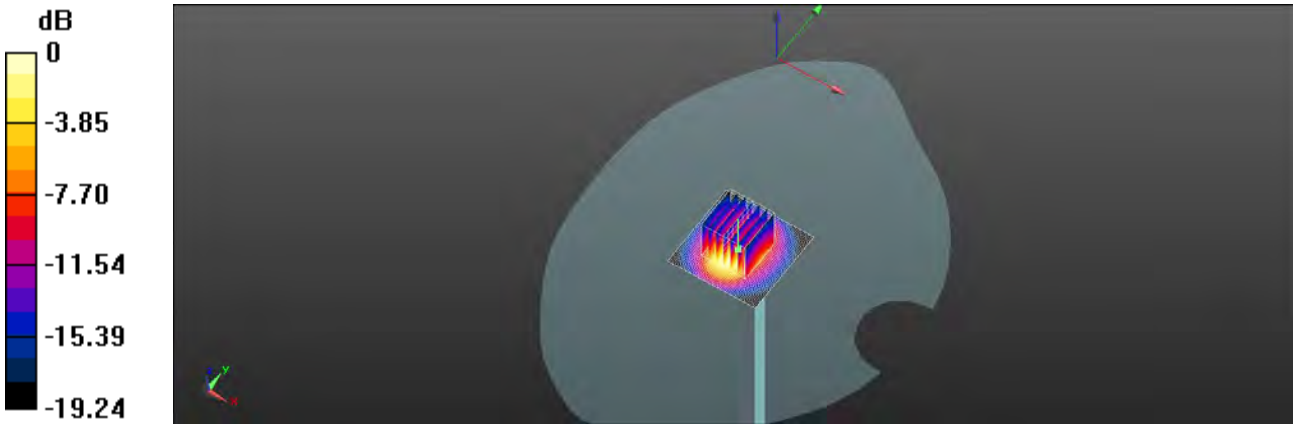
Communication System: CW; Frequency: 2450 MHz; Duty cycle= 1:1
Medium parameters used: f = 2450 MHz; σ = 1.776 S/m; ε_r = 38.772; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.4°C; Liquid temperature: 22.1℃

DASY5 Configuration:

- Probe: EX3DV4 –SN7509; ConvF(7.51, 7.51, 7.51) @ 2450 MHz; Calibrated: 2020/3/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (51x51x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 21.2 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 110.4 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 25.3 W/kg
SAR(1 g) = 13.5 W/kg; SAR(10 g) = 6.75 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) = 19.6 W/kg



0 dB = 19.6 W/kg = 12.92 dBW/kg

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Date:2020/7/18

Report No. :ES/2020/30005

Dipole 5200 MHz_SN:1023

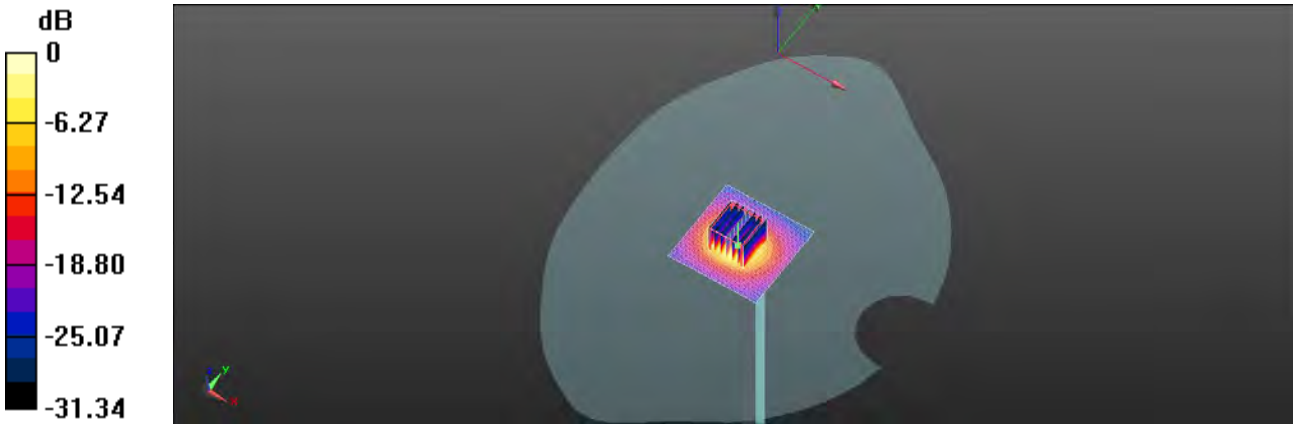
Communication System: CW; Frequency: 5200 MHz; Duty cycle= 1:1
Medium parameters used: f = 5200 MHz; σ = 4.728 S/m; ε_r = 35.541; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.8°C; Liquid temperature: 21.4℃

DASY5 Configuration:

- Probe: EX3DV4 –SN7509; ConvF(5.33, 5.33, 5.33) @ 5200 MHz; Calibrated: 2020/3/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=100mW/Area Scan (61x61x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 17.9 W/kg

Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 64.57 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 38.7 W/kg
SAR(1 g) = 8.63 W/kg; SAR(10 g) = 2.46 W/kg
Smallest distance from peaks to all points 3 dB below = 7.5 mm
Ratio of SAR at M2 to SAR at M1 = 51.3%
Maximum value of SAR (measured) = 18.3 W/kg



0 dB = 18.3 W/kg = 12.62 dBW/kg

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Date:2020/7/19

Report No. :ES/2020/30005

Dipole 5300 MHz_SN:1023

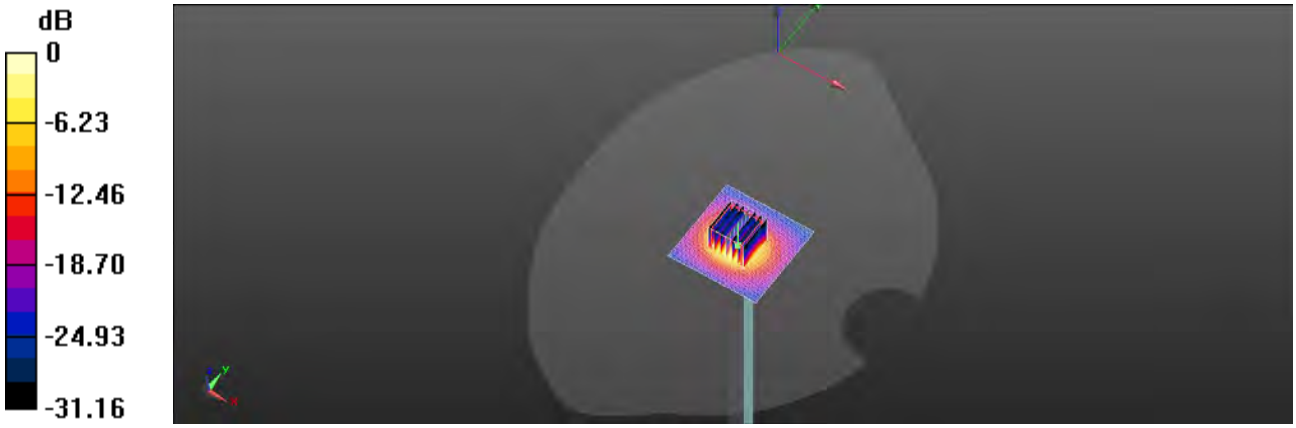
Communication System: CW; Frequency: 5300 MHz; Duty cycle= 1:1
Medium parameters used: f = 5300 MHz; σ = 4.839 S/m; ε_r = 35.355; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.3°C; Liquid temperature: 21.7℃

DASY5 Configuration:

- Probe: EX3DV4 –SN7509; ConvF(5.23, 5.23, 5.23) @ 5300 MHz; Calibrated: 2020/3/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=100mW/Area Scan (61x61x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 17.6 W/kg

Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 66.32 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 37.4 W/kg
SAR(1 g) = 8.63 W/kg; SAR(10 g) = 2.5 W/kg
Smallest distance from peaks to all points 3 dB below = 7.4 mm
Ratio of SAR at M2 to SAR at M1 = 50.8%
Maximum value of SAR (measured) = 17.8 W/kg



0 dB = 17.8 W/kg = 12.50 dBW/kg

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Date:2020/7/20

Report No. :ES/2020/30005

Dipole 5600 MHz_SN:1023

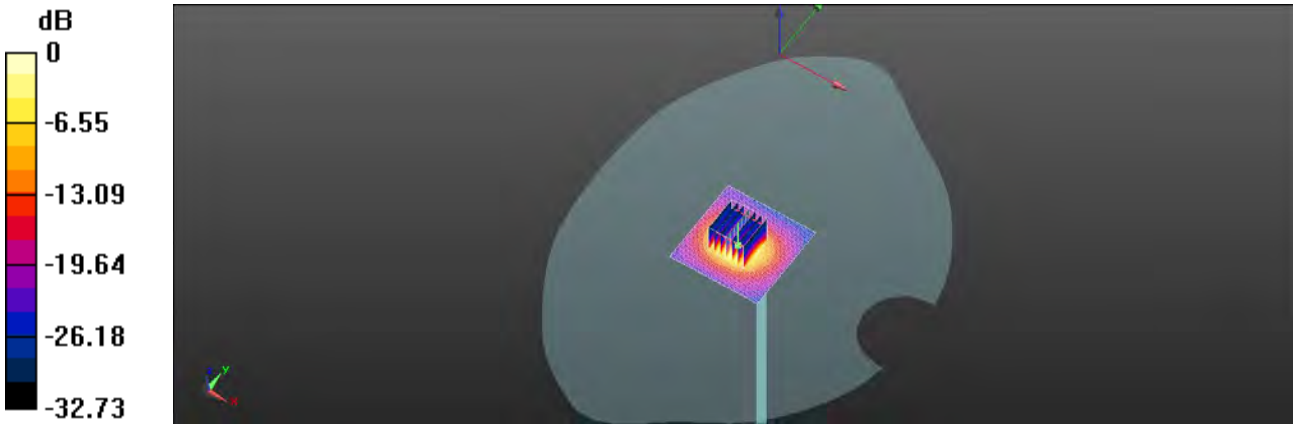
Communication System: CW; Frequency: 5600 MHz; Duty cycle= 1:1
Medium parameters used: f = 5600 MHz; σ = 5.099 S/m; ε_r = 34.931; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.9°C; Liquid temperature: 22.2℃

DASY5 Configuration:

- Probe: EX3DV4 –SN7509; ConvF(4.64, 4.64, 4.64) @ 5600 MHz; Calibrated: 2020/3/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=100mW/Area Scan (61x61x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 15.1 W/kg

Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 66.40 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 33.8 W/kg
SAR(1 g) = 8.18 W/kg; SAR(10 g) = 2.54 W/kg
Smallest distance from peaks to all points 3 dB below = 7.5 mm
Ratio of SAR at M2 to SAR at M1 = 49.1%
Maximum value of SAR (measured) = 15.3 W/kg



0 dB = 15.3 W/kg = 11.85 dBW/kg

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Date:2020/7/21

Report No. :ES/2020/30005

Dipole 5800 MHz_SN:1023

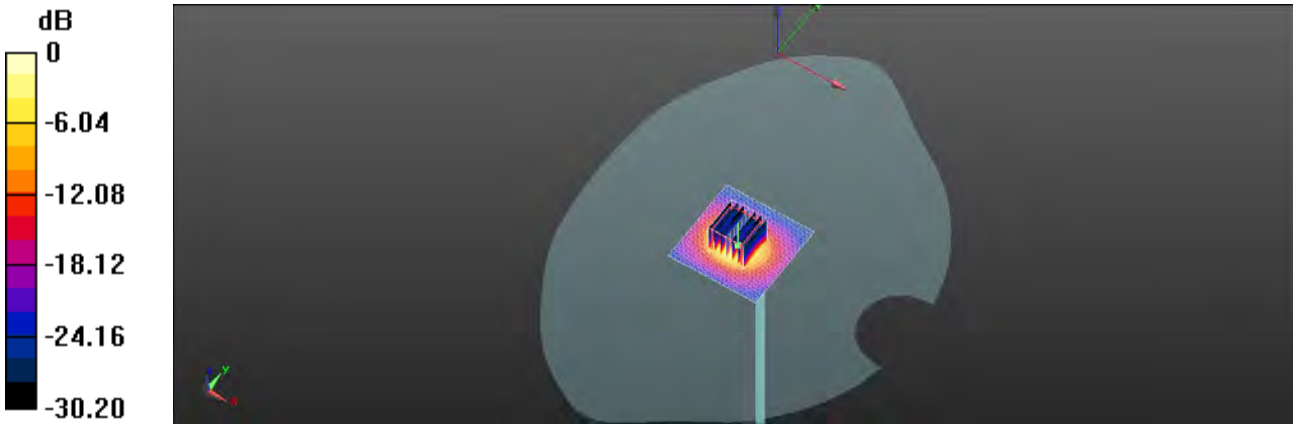
Communication System: CW; Frequency: 5800 MHz; Duty cycle= 1:1
Medium parameters used: f = 5800 MHz; σ = 5.350 S/m; ε_r = 34.466; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.3°C; Liquid temperature: 21.8℃

DASY5 Configuration:

- Probe: EX3DV4 –SN7509; ConvF(4.85, 4.85, 4.85) @ 5800 MHz; Calibrated: 2020/3/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483))

Pin=100mW/Area Scan (61x61x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 16.2 W/kg

Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 63.19 V/m; Power Drift = -0.10 dB
Peak SAR (extrapolated) = 38.4 W/kg
SAR(1 g) = 8.18 W/kg; SAR(10 g) = 2.42 W/kg
Smallest distance from peaks to all points 3 dB below = 7.5 mm
Ratio of SAR at M2 to SAR at M1 = 47.1%
Maximum value of SAR (measured) = 16.5 W/kg



0 dB = 16.5 W/kg = 12.17 dBW/kg

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Date: 2020/6/29

Report No. :ES/2020/30005

Dipole 2450 MHz_SN:727

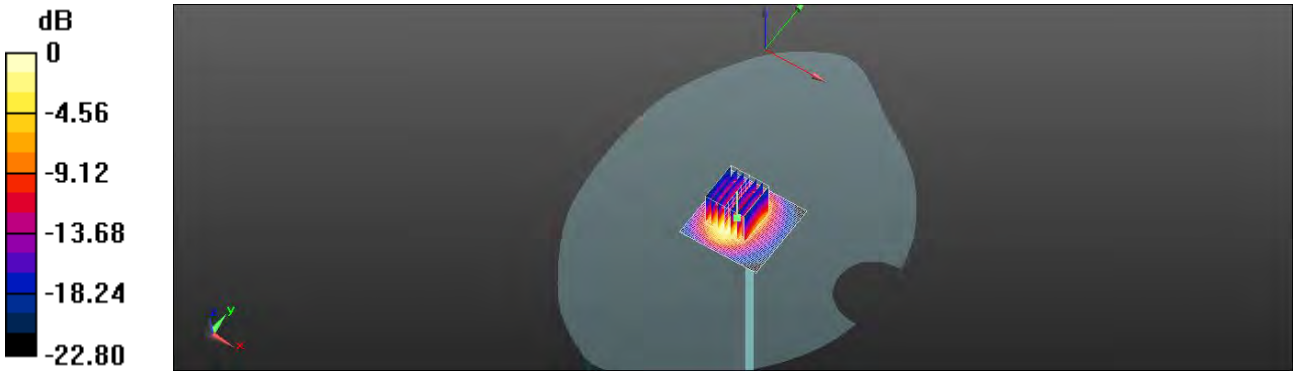
Communication System: CW; Frequency: 2450 MHz; Duty cycle= 1:1
Medium parameters used: f = 2450 MHz; σ = 1.776 S/m; ε_r = 38.783; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.7°C; Liquid temperature: 22.1℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(7.51, 7.51, 7.51) @ 2450 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (51x51x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 22.3 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 100.6 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 28.3 W/kg
SAR(1 g) = 13.7 W/kg; SAR(10 g) = 6.34 W/kg
Smallest distance from peaks to all points 3 dB below = 9.2 mm
Ratio of SAR at M2 to SAR at M1 = 48.6%
Maximum value of SAR (measured) = 21.1 W/kg



0 dB = 21.1 W/kg = 13.24 dBW/kg

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Date: 2020/7/5

Report No. :ES/2020/30005

Dipole 5200 MHz_SN:1023

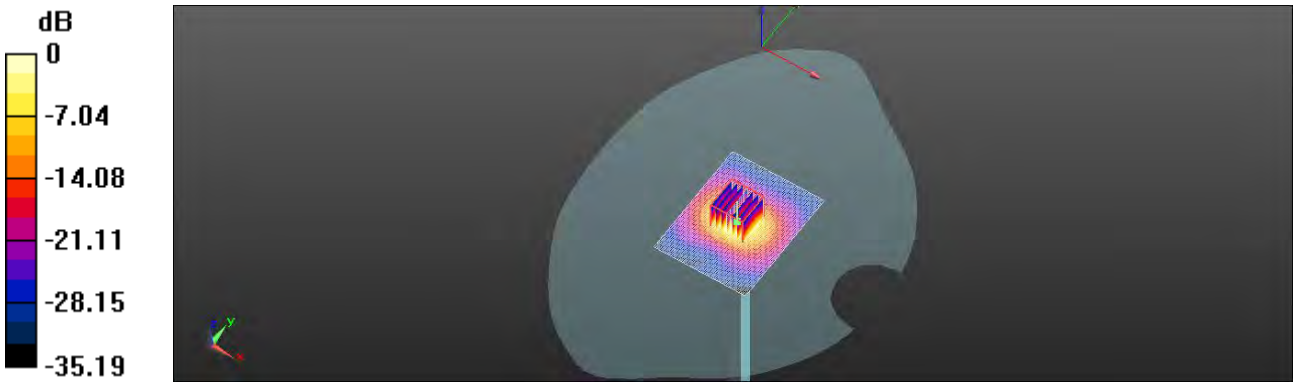
Communication System: CW; Frequency: 5200 MHz; Duty cycle= 1:1
Medium parameters used: f = 5200 MHz; σ = 4.713 S/m; ε_r = 35.566; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.4°C; Liquid temperature: 21.8℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(5.33, 5.33, 5.33) @ 5200 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=100mW/Area Scan (71x91x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 19.3 W/kg

Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 64.54 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 30.9 W/kg
SAR(1 g) = 8.04 W/kg; SAR(10 g) = 2.27 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 59.1%
Maximum value of SAR (measured) = 18.2 W/kg



0 dB = 18.2 W/kg = 12.60 dBW/kg

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Date: 2020/7/6

Report No. :ES/2020/30005

Dipole 5300 MHz_SN:1023

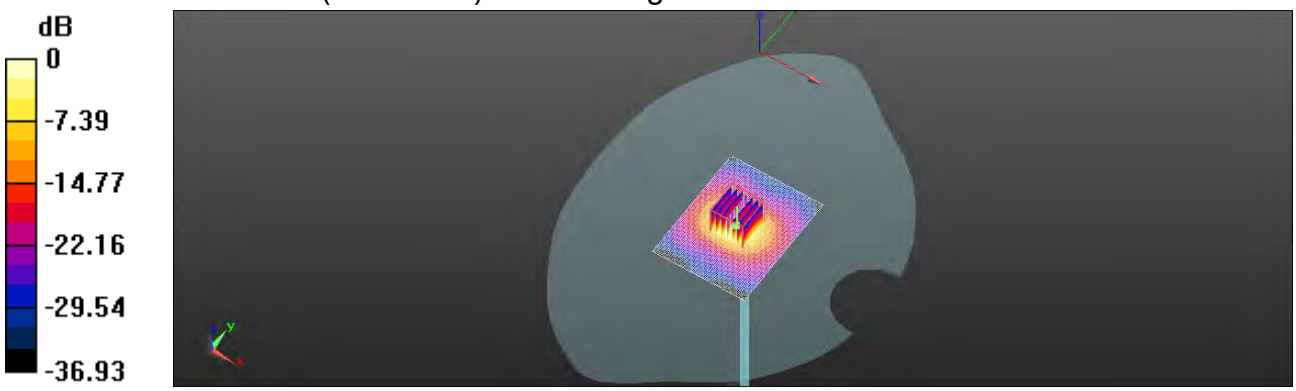
Communication System: CW; Frequency: 5300 MHz; Duty cycle= 1:1
Medium parameters used: f = 5300 MHz; σ = 4.821 S/m; ε_r = 35.335; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.0°C; Liquid temperature: 21.6℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(5.23, 5.23, 5.23) @ 5300 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=100mW/Area Scan (71x91x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 20.2 W/kg

Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 64.28 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 31.9 W/kg
SAR(1 g) = 8.1 W/kg; SAR(10 g) = 2.25 W/kg
Smallest distance from peaks to all points 3 dB below = 7.9 mm
Ratio of SAR at M2 to SAR at M1 = 59.3%
Maximum value of SAR (measured) = 18.7 W/kg



0 dB = 18.7 W/kg = 12.72 dBW/kg

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Date: 2020/7/7

Report No. :ES/2020/30005

Dipole 5600 MHz_SN:1023

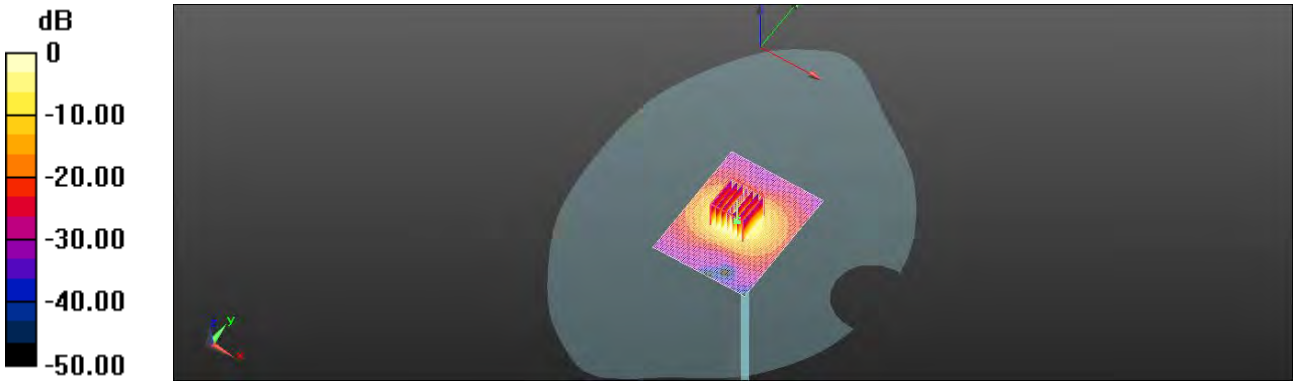
Communication System: CW; Frequency: 5600 MHz; Duty cycle= 1:1
Medium parameters used: f = 5600 MHz; σ = 5.102 S/m; ε_r = 34.811; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.6°C; Liquid temperature: 22.1℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(4.64, 4.64, 4.64) @ 5600 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=100mW/Area Scan (71x91x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 19.5 W/kg

Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 60.69 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 33.3 W/kg
SAR(1 g) = 7.98 W/kg; SAR(10 g) = 2.19 W/kg
Smallest distance from peaks to all points 3 dB below = 7.9 mm
Ratio of SAR at M2 to SAR at M1 = 57%
Maximum value of SAR (measured) = 18.7 W/kg



0 dB = 18.7 W/kg = 12.72 dBW/kg

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Date: 2020/7/8

Report No. :ES/2020/30005

Dipole 5800 MHz_SN:1023

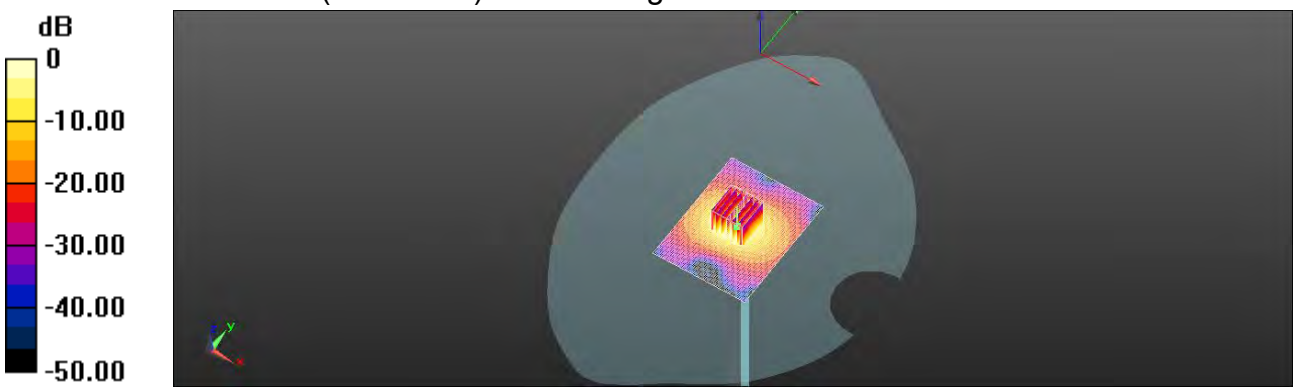
Communication System: CW; Frequency: 5800 MHz; Duty cycle= 1:1
Medium parameters used: f = 5800 MHz; σ = 5.352 S/m; ε_r = 34.346; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.5°C; Liquid temperature: 21.9℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(4.85, 4.85, 4.85) @ 5800 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=100mW/Area Scan (71x91x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 16.2 W/kg

Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 64.42 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 27.7 W/kg
SAR(1 g) = 7.68 W/kg; SAR(10 g) = 2.36 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 56.6%
Maximum value of SAR (measured) = 15.6 W/kg



0 dB = 15.6 W/kg = 11.93 dBW/kg

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Date: 2020/7/13

Report No. :ES/2020/30005

Dipole 2450 MHz_SN:727

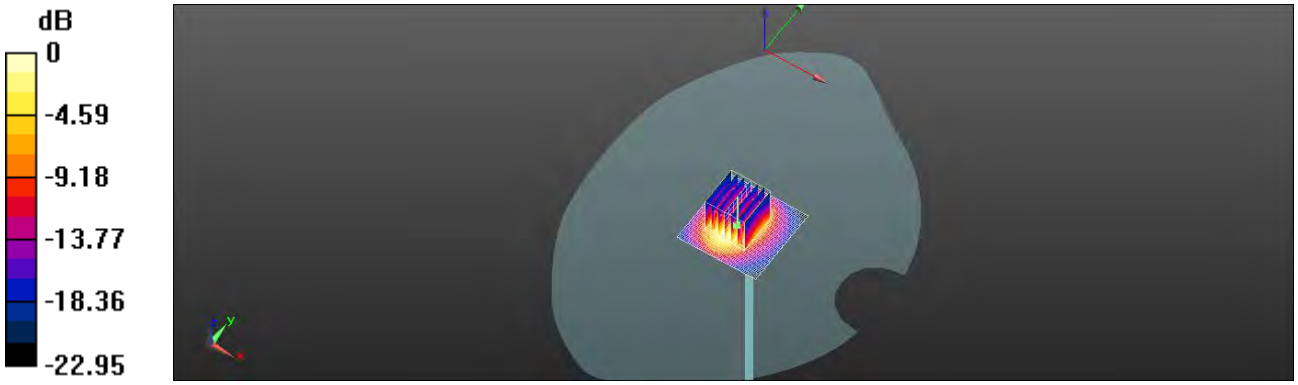
Communication System: CW; Frequency: 2450 MHz; Duty cycle= 1:1
Medium parameters used: f = 2450 MHz; σ = 1.787 S/m; ε_r = 38.688; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.6°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(7.51, 7.51, 7.51) @ 2450 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (51x51x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 22.5 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 106.2 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 29.2 W/kg
SAR(1 g) = 13.7 W/kg; SAR(10 g) = 6.28 W/kg
Smallest distance from peaks to all points 3 dB below = 9.5 mm
Ratio of SAR at M2 to SAR at M1 = 48.3%
Maximum value of SAR (measured) = 21.1 W/kg



0 dB = 21.1 W/kg = 13.26 dBW/kg

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Date: 2020/7/18

Report No. :ES/2020/30005

Dipole 5200 MHz_SN:1023

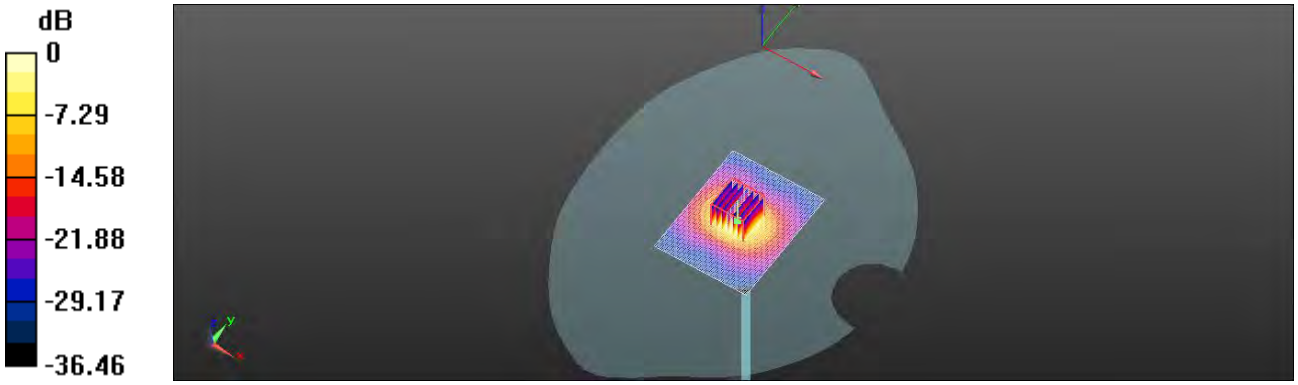
Communication System: CW; Frequency: 5200 MHz; Duty cycle= 1:1
Medium parameters used: f = 5200 MHz; σ = 4.731 S/m; ε_r = 35.516; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.2°C; Liquid temperature: 21.6°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(5.33, 5.33, 5.33) @ 5200 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=100mW/Area Scan (71x91x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 19.7 W/kg

Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 64.82 V/m; Power Drift = -0.03 dB
Peak SAR (extrapolated) = 31.3 W/kg
SAR(1 g) = 8.12 W/kg; SAR(10 g) = 2.28 W/kg
Smallest distance from peaks to all points 3 dB below = 7.6 mm
Ratio of SAR at M2 to SAR at M1 = 56.5%
Maximum value of SAR (measured) = 18.5 W/kg



0 dB = 18.5 W/kg = 12.67 dBW/kg

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Date: 2020/7/19

Report No. :ES/2020/30005

Dipole 5300 MHz_SN:1023

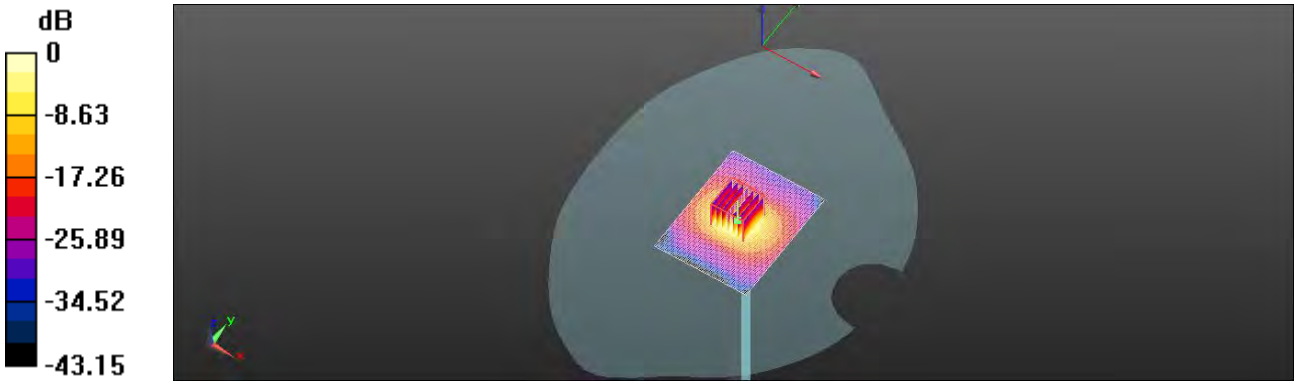
Communication System: CW; Frequency: 5300 MHz; Duty cycle= 1:1
Medium parameters used: f = 5300 MHz; σ = 4.84 S/m; ε_r = 35.215; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.4°C; Liquid temperature: 22.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(5.23, 5.23, 5.23) @ 5300 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=100mW/Area Scan (71x91x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 18.2 W/kg

Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 61.81 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 32.2 W/kg
SAR(1 g) = 8.07 W/kg; SAR(10 g) = 2.23 W/kg
Smallest distance from peaks to all points 3 dB below = 7.4 mm
Ratio of SAR at M2 to SAR at M1 = 56.3%
Maximum value of SAR (measured) = 18.4 W/kg



0 dB = 18.4 W/kg = 12.72 dBW/kg

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Date: 2020/7/20

Report No. :ES/2020/30005

Dipole 5600 MHz_SN:1023

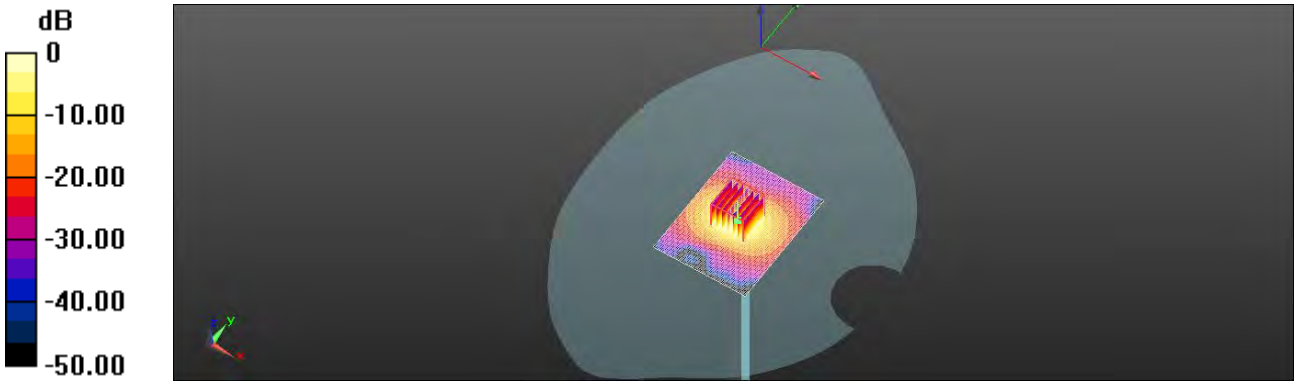
Communication System: CW; Frequency: 5600 MHz; Duty cycle= 1:1
Medium parameters used: f = 5600 MHz; σ = 5.107 S/m; ε_r = 34.771; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.8°C; Liquid temperature: 22.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(4.64, 4.64, 4.64) @ 5600 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=100mW/Area Scan (71x91x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 19.9 W/kg

Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 64.83 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 33.4 W/kg
SAR(1 g) = 7.97 W/kg; SAR(10 g) = 2.18 W/kg
Smallest distance from peaks to all points 3 dB below = 8.5 mm
Ratio of SAR at M2 to SAR at M1 = 56.8%
Maximum value of SAR (measured) = 18.6 W/kg



0 dB = 18.6 W/kg = 12.69 dBW/kg

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Date: 2020/7/21

Report No. :ES/2020/30005

Dipole 5800 MHz_SN:1023

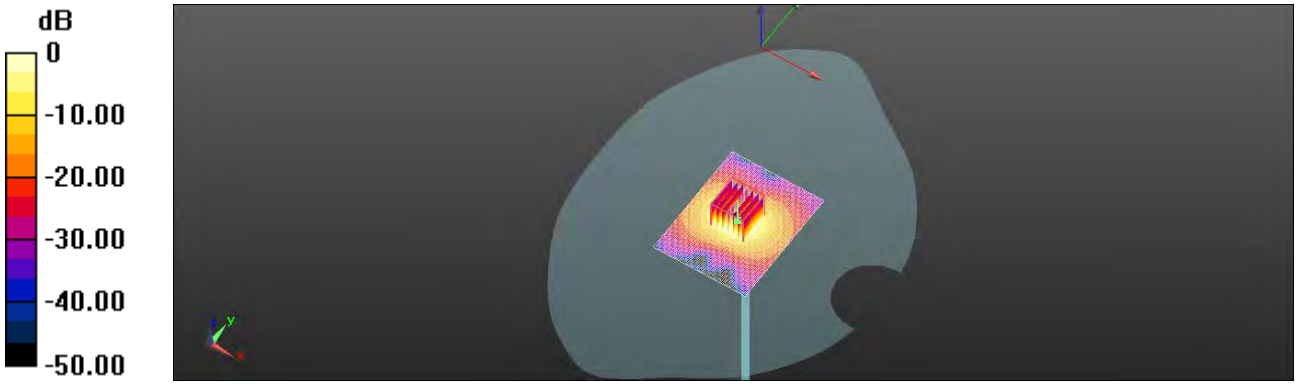
Communication System: CW; Frequency: 5800 MHz; Duty cycle= 1:1
Medium parameters used: f = 5800 MHz; σ = 5.361 S/m; ε_r = 34.336; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.3°C; Liquid temperature: 21.5°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(4.85, 4.85, 4.85) @ 5800 MHz; Calibrated: 2020/03/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=100mW/Area Scan (71x91x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 21.9 W/kg

Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 67.76 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 32.5 W/kg
SAR(1 g) = 7.58 W/kg; SAR(10 g) = 2.14 W/kg
Smallest distance from peaks to all points 3 dB below = 8.1 mm
Ratio of SAR at M2 to SAR at M1 = 55.4%
Maximum value of SAR (measured) = 17.8 W/kg



0 dB = 17.8 W/kg = 12.49 dBW/kg

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Date: 2020/7/29

Report No. :ES/2020/30005

Dipole 750 MHz_SN:1015

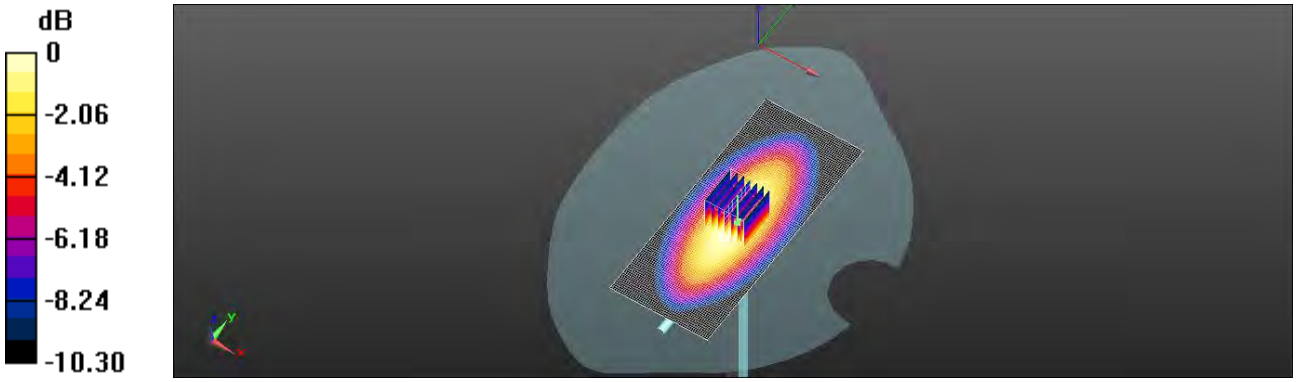
Communication System: CW; Frequency: 750 MHz; Duty cycle= 1:1
Medium parameters used: f = 750 MHz; σ = 0.883 S/m; ε_r = 42.625; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.2°C; Liquid temperature: 22.4℃

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.84, 9.84, 9.84) @ 750 MHz; Calibrated: 2020/05/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (51x121x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 2.69 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 56.82 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 3.21 W/kg
SAR(1 g) = 2.19 W/kg; SAR(10 g) = 1.45 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 68%
Maximum value of SAR (measured) = 2.76 W/kg



0 dB = 2.76 W/kg = 4.41 dBW/kg

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Date: 2020/7/30

Report No. :ES/2020/30005

Dipole 835 MHz_SN:4d063

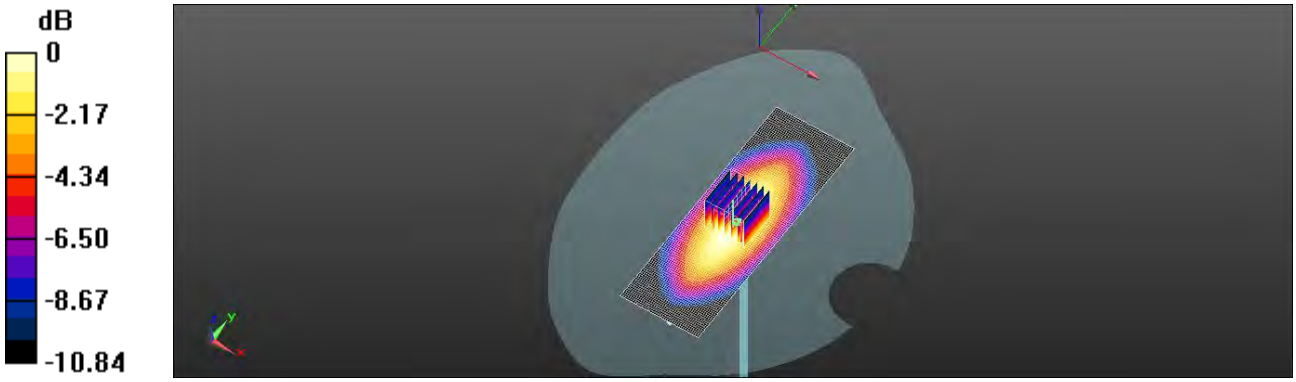
Communication System: CW; Frequency: 835 MHz; Duty cycle= 1:1
Medium parameters used: f = 835 MHz; σ = 0.894 S/m; ε_r = 42.123; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.3°C; Liquid temperature: 22.1℃

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.5, 9.5, 9.5) @ 835 MHz; Calibrated: 2020/05/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (41x121x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 3.20 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 58.14 V/m; Power Drift = -0.06 dB
Peak SAR (extrapolated) = 3.76 W/kg
SAR(1 g) = 2.53 W/kg; SAR(10 g) = 1.64 W/kg
Smallest distance from peaks to all points 3 dB below: Larger than measurement grid
Ratio of SAR at M2 to SAR at M1 = 65.3%
Maximum value of SAR (measured) = 3.21 W/kg



0 dB = 3.21 W/kg = 5.07 dBW/kg

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Date: 2020/7/31

Report No. :ES/2020/30005

Dipole 1750 MHz_SN:1008

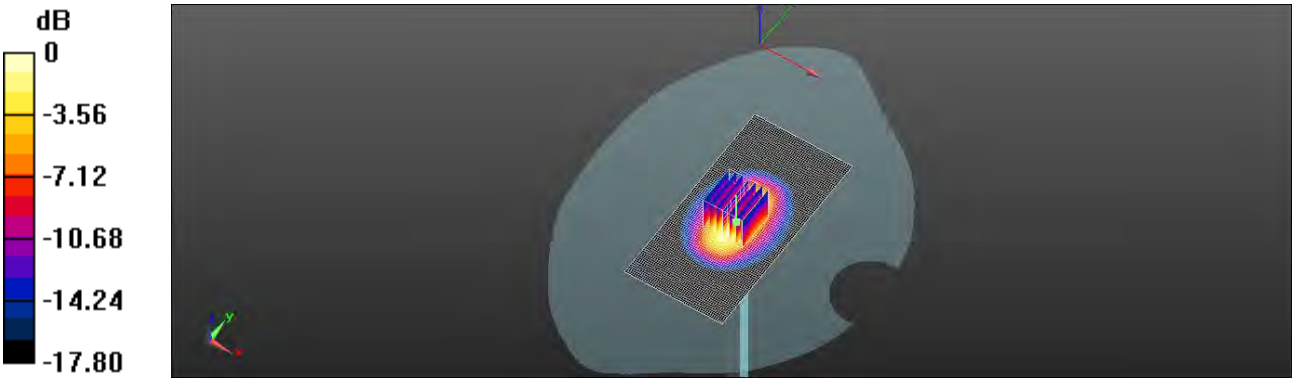
Communication System: CW; Frequency: 1750 MHz; Duty cycle= 1:1
Medium parameters used: f = 1750 MHz; σ = 1.375 S/m; ε_r = 40.153; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.8°C; Liquid temperature: 22.1℃

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(8.36, 8.36, 8.36) @ 1750 MHz; Calibrated: 2020/05/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (51x101x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 12.9 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 97.84 V/m; Power Drift = -0.04 dB
Peak SAR (extrapolated) = 16.4 W/kg
SAR(1 g) = 8.88 W/kg; SAR(10 g) = 4.68 W/kg
Smallest distance from peaks to all points 3 dB below = 11 mm
Ratio of SAR at M2 to SAR at M1 = 59.4%
Maximum value of SAR (measured) = 12.8 W/kg



0 dB = 12.8 W/kg = 11.07 dBW/kg

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Date: 2020/8/1

Report No. :ES/2020/30005

Dipole 1900 MHz_SN:5d173

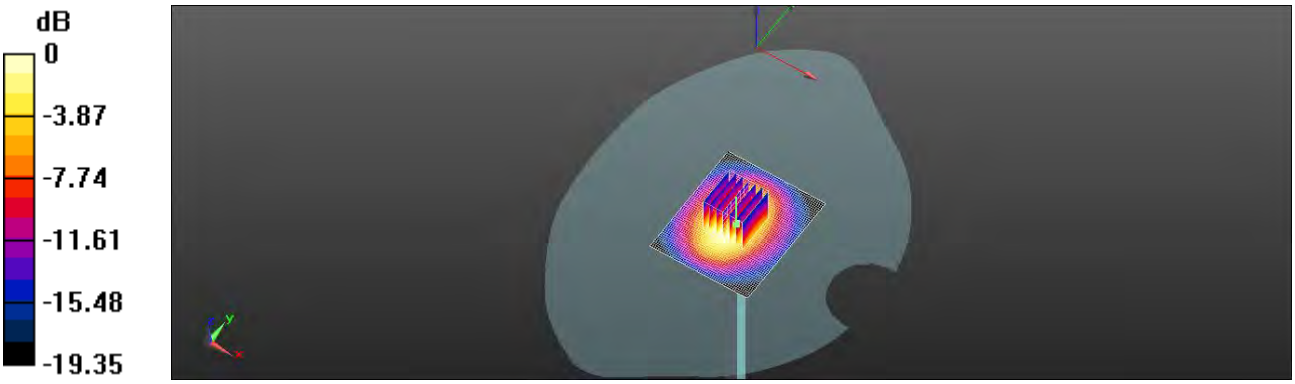
Communication System: CW; Frequency: 1900 MHz; Duty cycle= 1:1
Medium parameters used: f = 1900 MHz; σ = 1.401 S/m; ε_r = 39.533; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.4°C; Liquid temperature: 22.6℃

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(8.03, 8.03, 8.03) @ 1900 MHz; Calibrated: 2020/05/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Dipole Calibration for Head Tissue/Pin=250mW, d=10mm/Area Scan (51x61x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 13.2 W/kg

Dipole Calibration for Head Tissue/Pin=250mW, d=10mm/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 99.61 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 16.3 W/kg
SAR(1 g) = 9.25 W/kg; SAR(10 g) = 5.06 W/kg
Smallest distance from peaks to all points 3 dB below = 13 mm
Ratio of SAR at M2 to SAR at M1 = 55.7%
Maximum value of SAR (measured) = 12.8 W/kg



0 dB = 12.8 W/kg = 11.08 dBW/kg

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Date: 2020/8/2

Report No. :ES/2020/30005

Dipole 2300 MHz_SN:1023

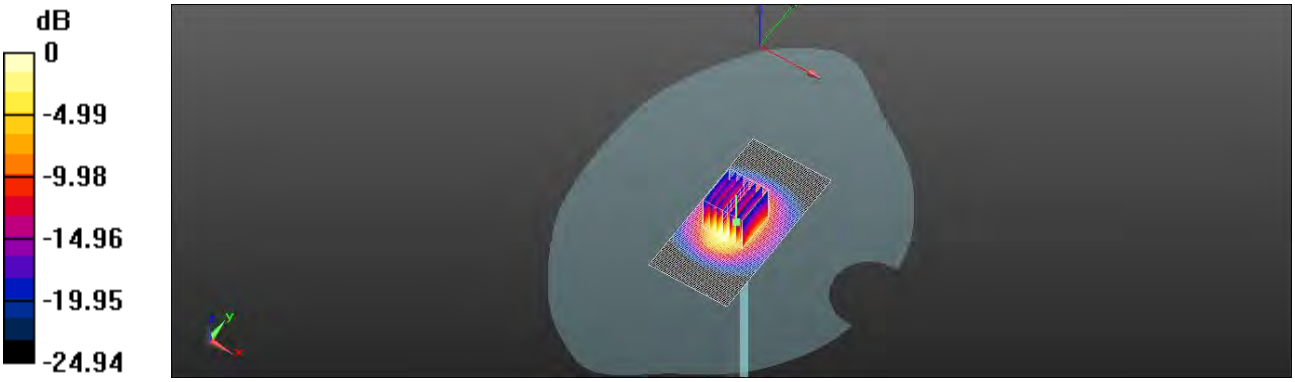
Communication System: CW; Frequency: 2300 MHz; Duty cycle= 1:1
Medium parameters used: f = 2300 MHz; σ = 1.666 S/m; ε_r = 39.145; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.4°C; Liquid temperature: 22.1℃

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.67, 7.67, 7.67) @ 2300 MHz; Calibrated: 2020/05/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (51x101x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 19.1 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 111.4 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 26.0 W/kg
SAR(1 g) = 12.5 W/kg; SAR(10 g) = 5.85 W/kg
Smallest distance from peaks to all points 3 dB below = 9.2 mm
Ratio of SAR at M2 to SAR at M1 = 45%
Maximum value of SAR (measured) = 18.8 W/kg



0 dB = 18.8 W/kg = 12.75 dBW/kg

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Date: 2020/8/3

Report No. :ES/2020/30005

Dipole 2600 MHz_SN:1005

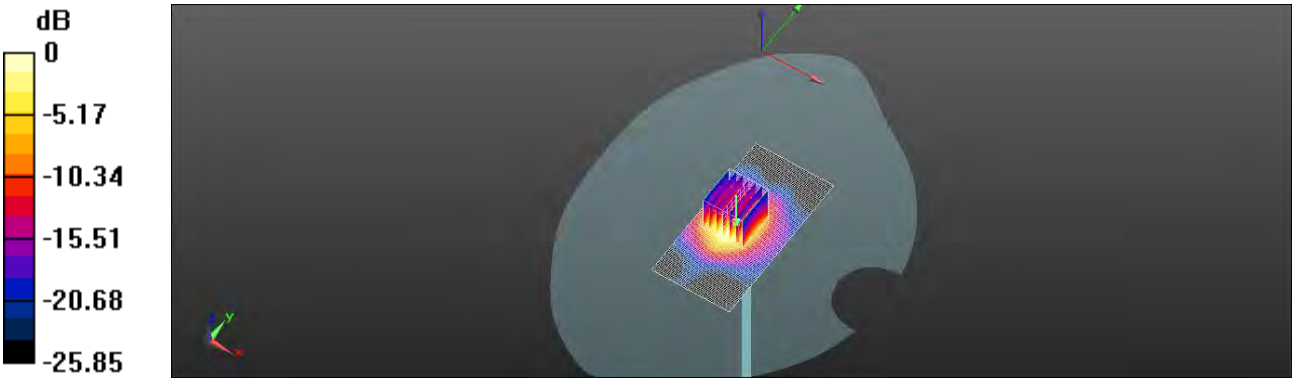
Communication System: CW; Frequency: 2600 MHz; Duty cycle= 1:1
Medium parameters used: f = 2600 MHz; σ = 1.928 S/m; ε_r = 38.23; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.2°C; Liquid temperature: 22.5℃

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.21, 7.21, 7.21) @ 2600 MHz; Calibrated: 2020/05/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (51x101x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 22.5 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 100.6 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 32.3 W/kg
SAR(1 g) = 14.3 W/kg; SAR(10 g) = 6.37 W/kg
Smallest distance from peaks to all points 3 dB below = 9 mm
Ratio of SAR at M2 to SAR at M1 = 44.1%
Maximum value of SAR (measured) = 23.0 W/kg



0 dB = 23.0 W/kg = 13.61 dBW/kg

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Date: 2020/8/5

Report No. :ES/2020/30005

Dipole 3500 MHz_SN:1009

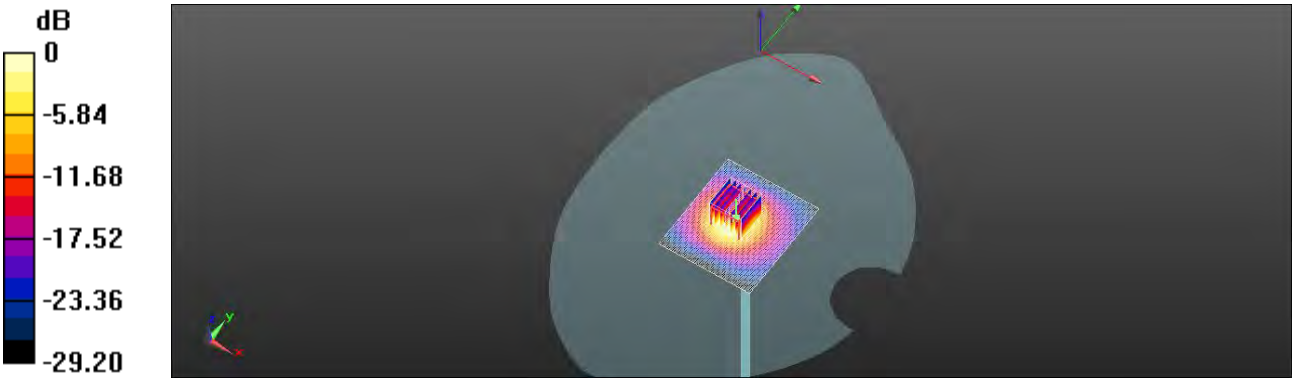
Communication System: CW; Frequency: 3500 MHz; Duty cycle= 1:1
Medium parameters used: f = 3500 MHz; σ = 2.853 S/m; ε_r = 37.776; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.2°C; Liquid temperature: 21.8℃

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(6.7, 6.7, 6.7) @ 3500 MHz; Calibrated: 2020/05/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (71x81x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 12.7 W/kg

Pin=250mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 60.20 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 18.5 W/kg
SAR(1 g) = 6.93 W/kg; SAR(10 g) = 2.62 W/kg
Smallest distance from peaks to all points 3 dB below = 8.8 mm
Ratio of SAR at M2 to SAR at M1 = 64.2%
Maximum value of SAR (measured) = 12.1 W/kg



0 dB = 12.1 W/kg = 10.83 dBW/kg

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Date: 2020/8/6

Report No. :ES/2020/30005

Dipole 3700 MHz_SN:1057

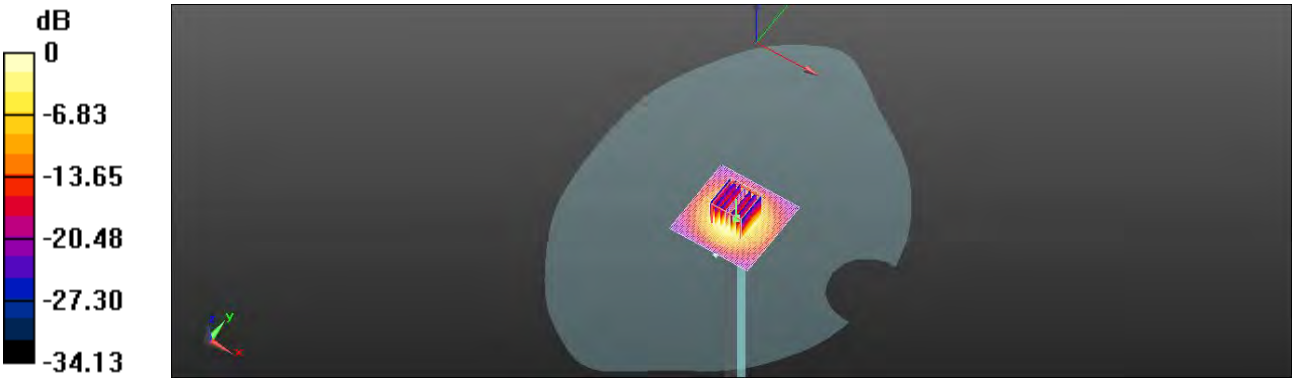
Communication System: CW; Frequency: 3700 MHz; Duty cycle= 1:1
Medium parameters used: f = 3700 MHz; σ = 3.078 S/m; ε_r = 37.28; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.7°C; Liquid temperature: 21.9℃

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(6.6, 6.6, 6.6) @ 3700 MHz; Calibrated: 2020/05/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 12.6 W/kg

Pin=250mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 65.42 V/m; Power Drift = -0.02 dB
Peak SAR (extrapolated) = 21.4 W/kg
SAR(1 g) = 6.65 W/kg; SAR(10 g) = 2.31 W/kg
Smallest distance from peaks to all points 3 dB below = 8.6 mm
Ratio of SAR at M2 to SAR at M1 = 61.3%
Maximum value of SAR (measured) = 12.7 W/kg



0 dB = 12.7 W/kg = 11.03 dBW/kg

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Date: 2020/8/7

Report No. :ES/2020/30005

Dipole 3900 MHz_SN:1032

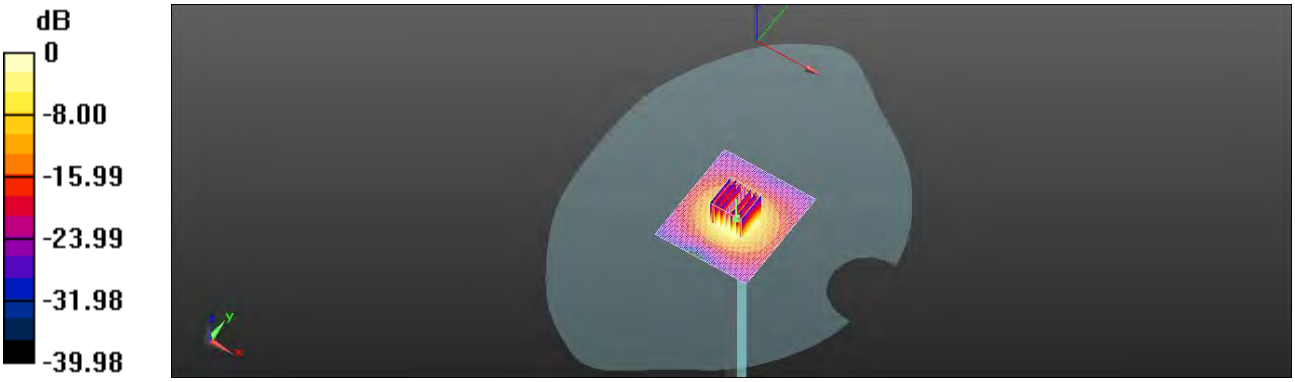
Communication System: CW; Frequency: 3900 MHz; Duty cycle= 1:1
Medium parameters used: f = 3900 MHz; σ = 3.29 S/m; ε_r = 37.088; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.2°C; Liquid temperature: 21.9℃

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(6.39, 6.39, 6.39) @ 3900 MHz; Calibrated: 2020/05/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (71x81x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 13.7 W/kg

Pin=250mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 68.15 V/m; Power Drift = 0.01 dB
Peak SAR (extrapolated) = 23.2 W/kg
SAR(1 g) = 7.1 W/kg; SAR(10 g) = 2.36 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 58.8%
Maximum value of SAR (measured) = 13.6 W/kg



0 dB = 13.6 W/kg = 11.32 dBW/kg

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Date: 2020/8/8

Report No. :ES/2020/30005

Dipole 4100 MHz_SN:1032

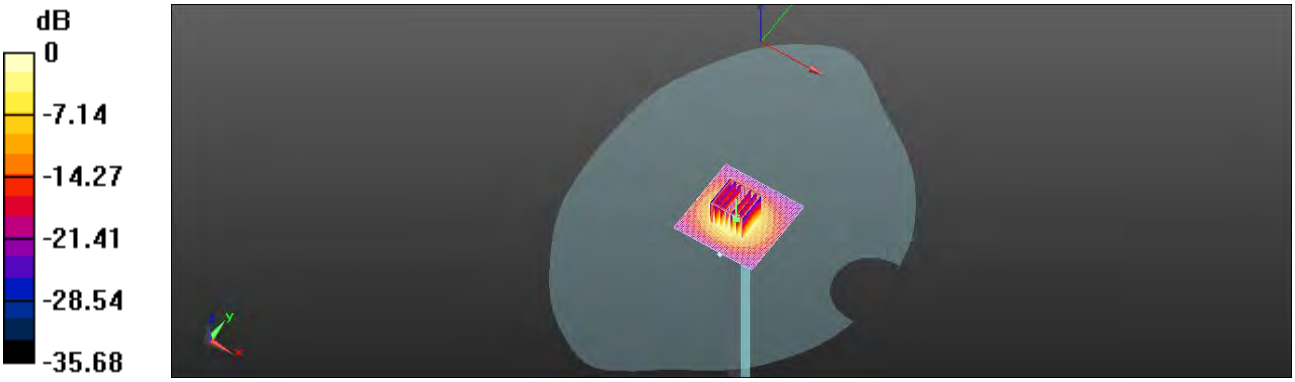
Communication System: CW; Frequency: 4100 MHz; Duty cycle= 1:1
Medium parameters used: f = 4100 MHz; σ = 3.485 S/m; ε_r = 37.037; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.8°C; Liquid temperature: 22.2℃

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(6.34, 6.34, 6.34) @ 4100 MHz; Calibrated: 2020/05/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 13.3 W/kg

Pin=250mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 61.65 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 21.3 W/kg
SAR(1 g) = 6.84 W/kg; SAR(10 g) = 2.24 W/kg
Smallest distance from peaks to all points 3 dB below = 8.2 mm
Ratio of SAR at M2 to SAR at M1 = 66.2%
Maximum value of SAR (measured) = 13.1 W/kg



0 dB = 13.1 W/kg = 11.17 dBW/kg

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Date: 2020/8/9

Report No. :ES/2020/30005

Dipole 4200 MHz_SN:1012

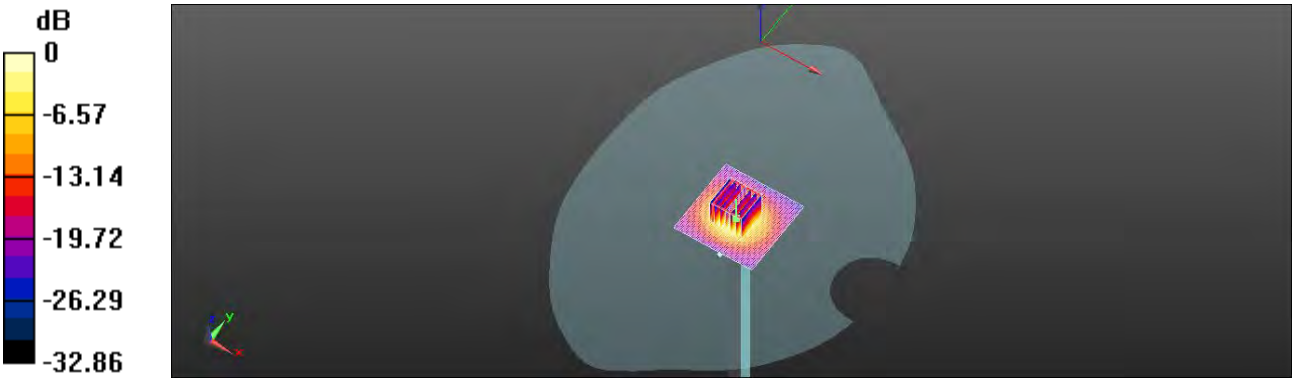
Communication System: CW; Frequency: 4200 MHz; Duty cycle= 1:1
Medium parameters used: f = 4200 MHz; σ = 3.608 S/m; ε_r = 36.958; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.2°C; Liquid temperature: 22.4℃

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(6.18, 6.18, 6.18) @ 4200 MHz; Calibrated: 2020/05/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 12.5 W/kg

Pin=250mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 47.32 V/m; Power Drift = 0.17 dB
Peak SAR (extrapolated) = 20.3 W/kg
SAR(1 g) = 6.69 W/kg; SAR(10 g) = 2.24 W/kg
Smallest distance from peaks to all points 3 dB below = 8 mm
Ratio of SAR at M2 to SAR at M1 = 64.8%
Maximum value of SAR (measured) = 12.5 W/kg



0 dB = 12.5 W/kg = 10.97 dBW/kg

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Date: 2020/8/10

Report No. :ES/2020/30005

Dipole 2450 MHz_SN:727

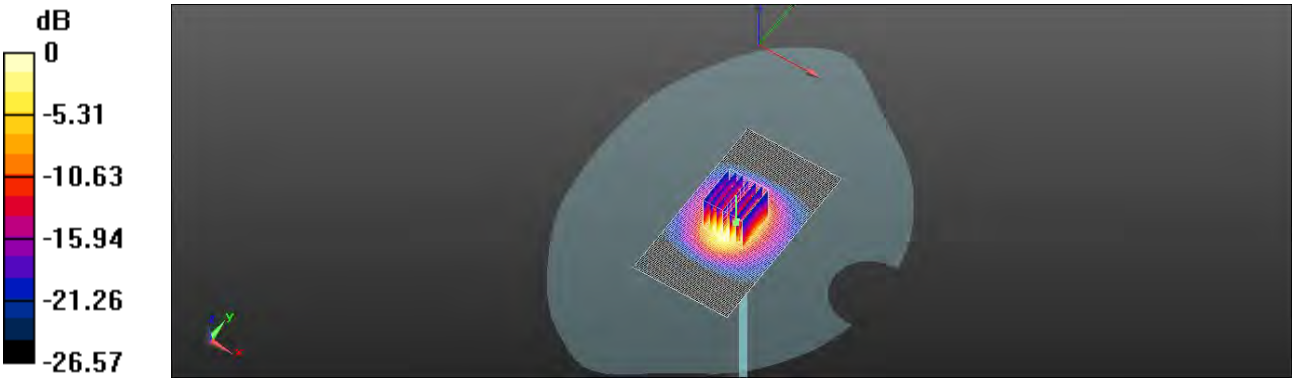
Communication System: CW; Frequency: 2450 MHz; Duty cycle= 1:1
Medium parameters used: f = 2450 MHz; σ = 1.741 S/m; ε_r = 38.880; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.2°C; Liquid temperature: 22.4℃

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.4, 7.4, 7.4) @ 2450 MHz; Calibrated: 2020/05/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (61x111x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 23.0 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 109.4 V/m; Power Drift = -0.01 dB
Peak SAR (extrapolated) = 30.5 W/kg
SAR(1 g) = 13.7 W/kg; SAR(10 g) = 6.03 W/kg
Smallest distance from peaks to all points 3 dB below = 9 mm
Ratio of SAR at M2 to SAR at M1 = 48%
Maximum value of SAR (measured) = 21.8 W/kg



0 dB = 21.8 W/kg = 13.38 dBW/kg

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Date: 2020/8/11

Report No. :ES/2020/30005

Dipole 5200 MHz_SN:1023

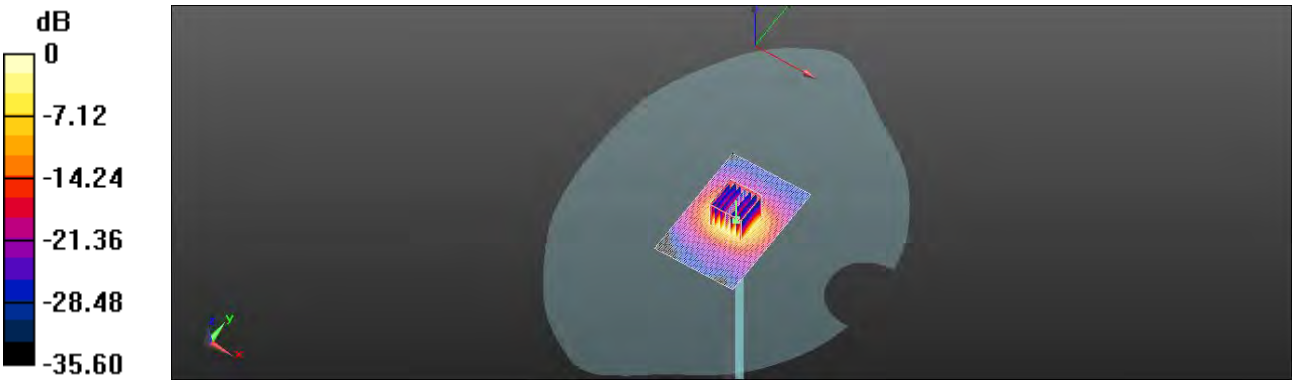
Communication System: CW; Frequency: 5200 MHz; Duty cycle= 1:1
Medium parameters used: f = 5200 MHz; σ = 4.714 S/m; ε_r = 35.601; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.3°C; Liquid temperature: 22.6℃

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(5.4, 5.4, 5.4) @ 5200 MHz; Calibrated: 2020/05/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Dipole Calibration for Head Tissue/Pin=100mW, d=10mm/Area Scan (61x91x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 18.3 W/kg

Dipole Calibration for Head Tissue/Pin=100mW, d=10mm/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 62.52 V/m; Power Drift = -0.09 dB
Peak SAR (extrapolated) = 35.4 W/kg
SAR(1 g) = 8.06 W/kg; SAR(10 g) = 2.2 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 56.4%
Maximum value of SAR (measured) = 18.0 W/kg



0 dB = 18.0 W/kg = 12.56 dBW/kg

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Date: 2020/8/12

Report No. :ES/2020/30005

Dipole 5300 MHz_SN:1023

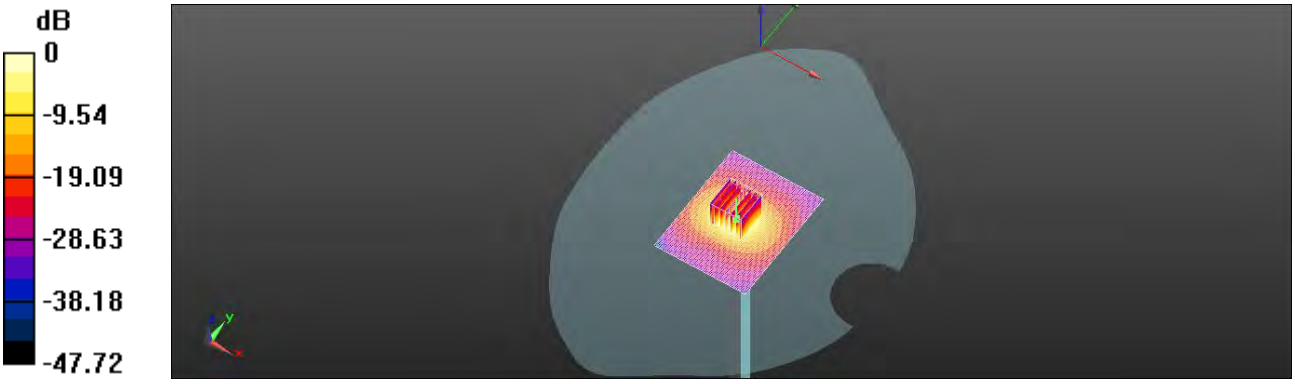
Communication System: CW; Frequency: 5300 MHz; Duty cycle= 1:1
Medium parameters used: f = 5300 MHz; σ = 4.819 S/m; ε_r = 35.421; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.5°C; Liquid temperature: 22.3℃

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(5.4, 5.4, 5.4) @ 5300 MHz; Calibrated: 2020/05/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=100mW, d=10mm/Area Scan (71x91x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 17.3 W/kg

Pin=100mW, d=10mm/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 63.14 V/m; Power Drift = -0.18 dB
Peak SAR (extrapolated) = 28.8 W/kg
SAR(1 g) = 8.22 W/kg; SAR(10 g) = 2.43 W/kg
Smallest distance from peaks to all points 3 dB below = 7.5 mm
Ratio of SAR at M2 to SAR at M1 = 59.5%
Maximum value of SAR (measured) = 16.4 W/kg



0 dB = 16.4 W/kg = 12.15 dBW/kg

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Date: 2020/8/13

Report No. :ES/2020/30005

Dipole 5600 MHz_SN:1023

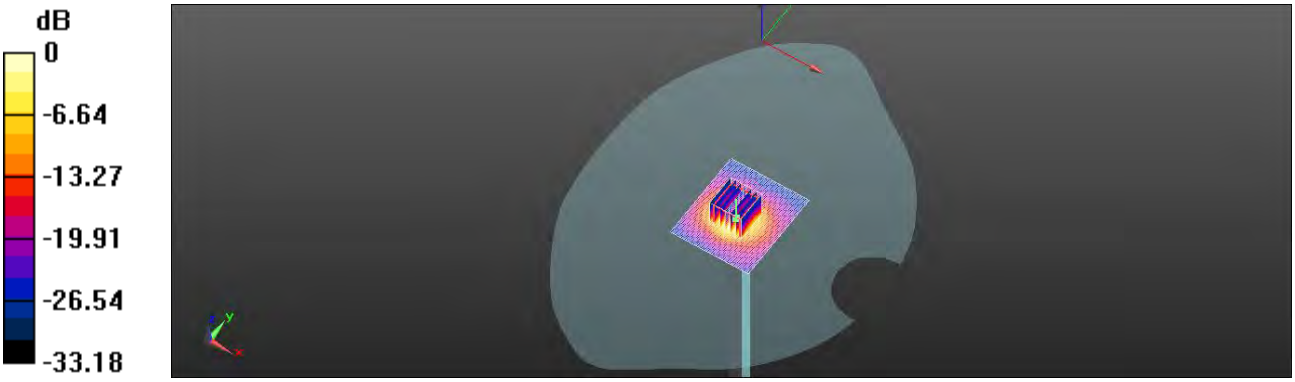
Communication System: CW; Frequency: 5600 MHz; Duty cycle= 1:1
Medium parameters used: f = 5600 MHz; σ = 5.089 S/m; ε_r = 35.088; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.2°C; Liquid temperature: 21.9℃

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(4.79, 4.79, 4.79) @ 5600 MHz; Calibrated: 2020/05/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=100mW/Area Scan (61x71x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 15.7 W/kg

Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 65.22 V/m; Power Drift = -0.17 dB
Peak SAR (extrapolated) = 29.3 W/kg
SAR(1 g) = 8.11 W/kg; SAR(10 g) = 2.46 W/kg
Smallest distance from peaks to all points 3 dB below = 7.4 mm
Ratio of SAR at M2 to SAR at M1 = 56.8%
Maximum value of SAR (measured) = 15.8 W/kg



0 dB = 15.8 W/kg = 11.97 dBW/kg

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Date: 2020/8/14

Report No. :ES/2020/30005

Dipole 5800 MHz_SN:1023

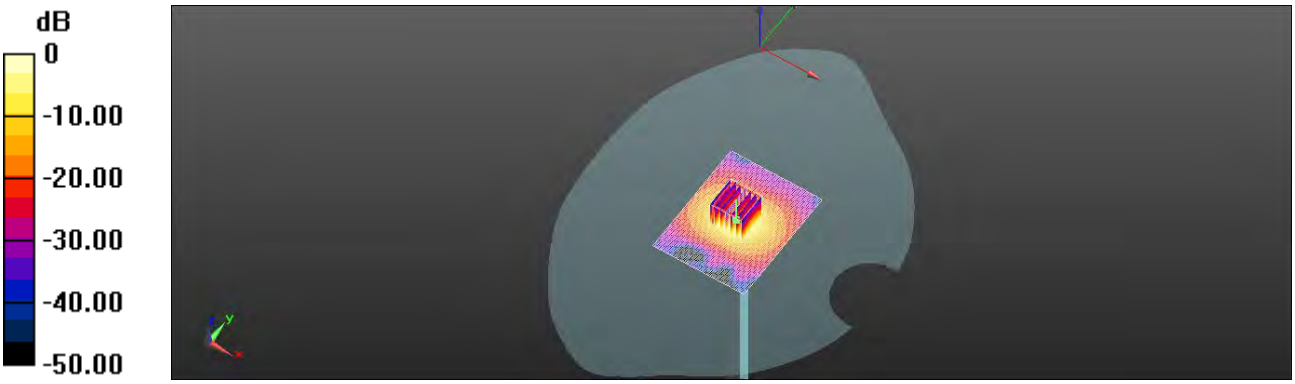
Communication System: CW; Frequency: 5800 MHz; Duty cycle= 1:1
Medium parameters used: f = 5800 MHz; σ = 5.324 S/m; ε_r = 34.611; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.6°C; Liquid temperature: 21.9℃

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(4.9, 4.9, 4.9) @ 5800 MHz; Calibrated: 2020/05/27
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Dipole Calibration for Head Tissue/Pin=100mW, d=10mm/Area Scan (71x91x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 17.9 W/kg

Dipole Calibration for Head Tissue/Pin=100mW, d=10mm/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 59.48 V/m; Power Drift = -0.15 dB
Peak SAR (extrapolated) = 37.3 W/kg
SAR(1 g) = 8.3 W/kg; SAR(10 g) = 2.34 W/kg
Smallest distance from peaks to all points 3 dB below = 7.2 mm
Ratio of SAR at M2 to SAR at M1 = 51.4%
Maximum value of SAR (measured) = 17.3 W/kg



0 dB = 17.3 W/kg = 12.38 dBW/kg

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Date: 2020/8/27

Report No. :ES/2020/30005

Dipole 1900 MHz_SN:5d173

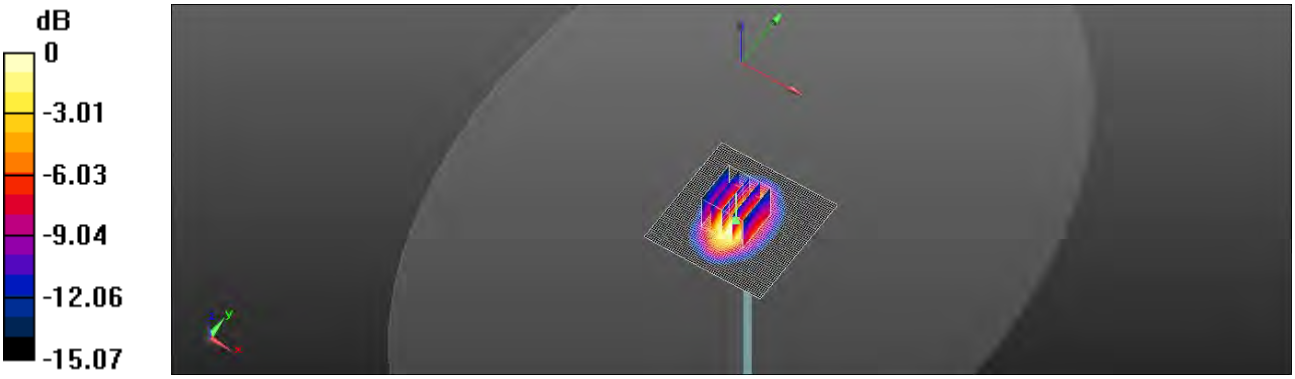
Communication System: CW; Frequency: 1900 MHz; Duty cycle= 1:1
Medium parameters used: f = 1900 MHz; σ = 1.451 S/m; ε_r = 40.115; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.1°C; Liquid temperature: 22.4℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(8.07, 8.07, 8.07) @ 1900 MHz; Calibrated: 2020/3/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=15 mm, dy=15 mm
Maximum value of SAR (interpolated) = 13.5 W/kg

Pin=250mW/Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm
Reference Value = 95.83 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 16.7 W/kg
SAR(1 g) = 9.87 W/kg; SAR(10 g) = 5.49 W/kg
Smallest distance from peaks to all points 3 dB below = 9.6 mm
Ratio of SAR at M2 to SAR at M1 = 60.1%
Maximum value of SAR (measured) = 13.6 W/kg



0 dB = 13.6 W/kg = 11.34 dBW/kg

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Date: 2020/8/27

Report No. :ES/2020/30005

Dipole 2600 MHz_SN:1005

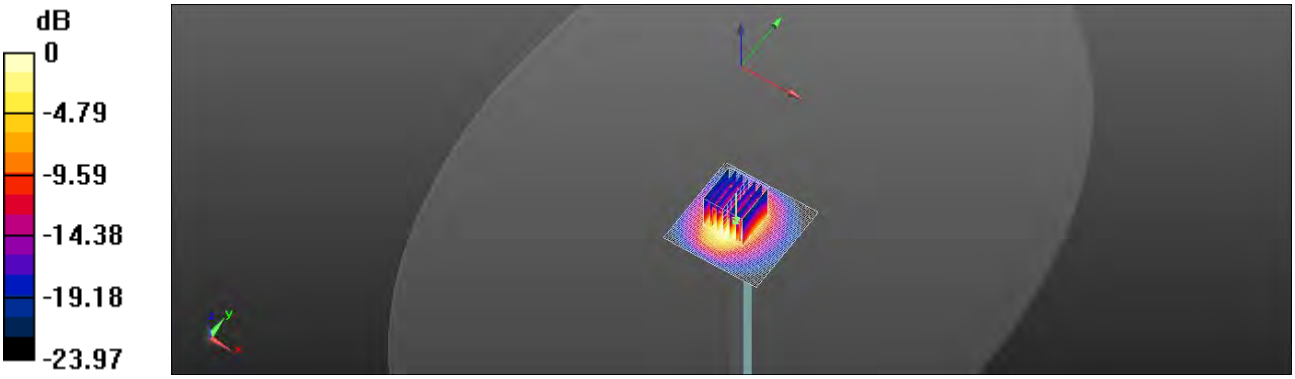
Communication System: CW; Frequency: 2600 MHz; Duty cycle= 1:1
Medium parameters used: f = 2600 MHz; σ = 1.97 S/m; ε_r = 37.903; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.5°C; Liquid temperature: 21.8℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(7.23, 7.23, 7.23) @ 2600 MHz; Calibrated: 2020/3/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.8.8(1258); SEMCAD X 14.6.14(7483)

Pin=250mW/Area Scan (61x61x1): Interpolated grid: dx=12 mm, dy=12 mm
Maximum value of SAR (interpolated) = 23.5 W/kg

Pin=250mW/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 101.0 V/m; Power Drift = 0.11 dB
Peak SAR (extrapolated) = 32.3 W/kg
SAR(1 g) = 14.8 W/kg; SAR(10 g) = 6.61 W/kg
Smallest distance from peaks to all points 3 dB below = 9.1 mm
Ratio of SAR at M2 to SAR at M1 = 45.3%
Maximum value of SAR (measured) = 23.2 W/kg



0 dB = 23.2 W/kg = 13.65 dBW/kg

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Date: 2020/8/27

Report No. :ES/2020/30005

Dipole 5300 MHz_SN:1023

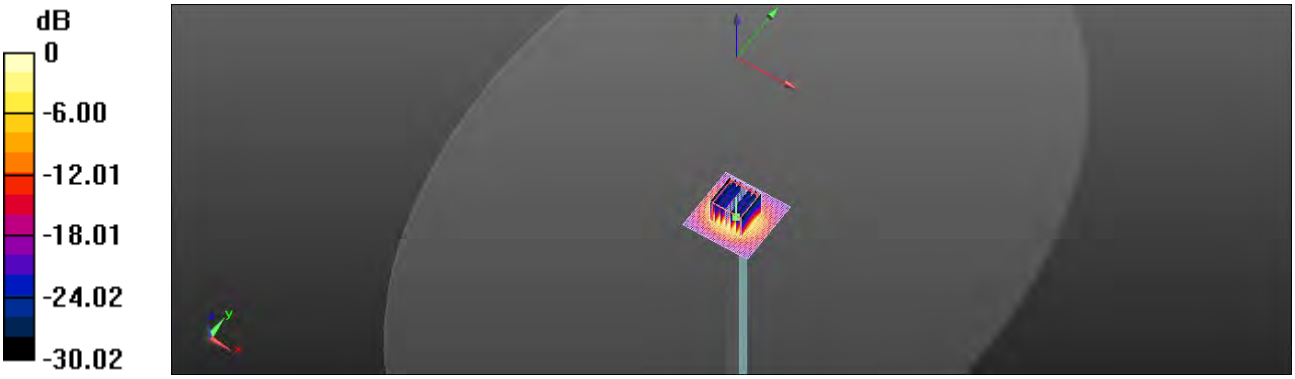
Communication System: CW; Frequency: 5300 MHz; Duty cycle= 1:1
Medium parameters used: f = 5300 MHz; σ = 4.78 S/m; ε_r = 36.134; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 22.0°C; Liquid temperature: 22.0°C

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(5.23, 5.23, 5.23) @ 5300 MHz; Calibrated: 2020/3/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=100mW/Area Scan (51x51x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 18.7 W/kg

Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 65.89 V/m; Power Drift = 0.04 dB
Peak SAR (extrapolated) = 38.0 W/kg
SAR(1 g) = 8.51 W/kg; SAR(10 g) = 2.43 W/kg
Smallest distance from peaks to all points 3 dB below = 7.4 mm
Ratio of SAR at M2 to SAR at M1 = 51.2%
Maximum value of SAR (measured) = 18.0 W/kg



0 dB = 18.0 W/kg = 12.55 dBW/kg

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Date: 2020/8/27

Report No. :ES/2020/30005

Dipole 5600 MHz_SN:1023

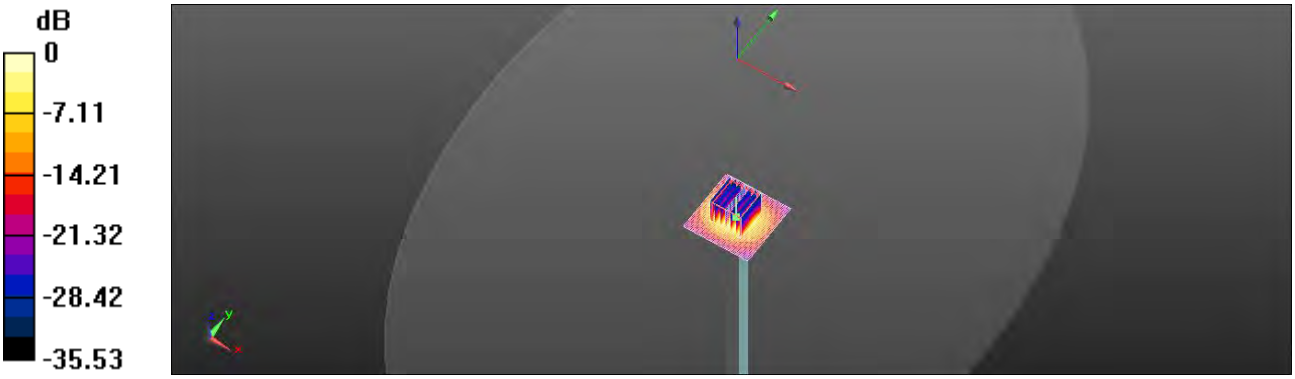
Communication System: CW; Frequency: 5600 MHz; Duty cycle= 1:1
Medium parameters used: f = 5600 MHz; σ = 5.149 S/m; ε_r = 35.293; ρ = 1000 kg/m^3
Phantom section: Flat Section
Ambient temperature: 21.5°C; Liquid temperature: 21.9℃

DASY5 Configuration:

- Probe: EX3DV4 - SN7509; ConvF(4.64, 4.64, 4.64) @ 5600 MHz; Calibrated: 2020/3/25
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn558; Calibrated: 2019/10/11
- Phantom: SAM
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Pin=100mW/Area Scan (51x51x1): Interpolated grid: dx=10 mm, dy=10 mm
Maximum value of SAR (interpolated) = 19.2 W/kg

Pin=100mW/Zoom Scan (7x7x12)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm
Reference Value = 65.01 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 41.1 W/kg
SAR(1 g) = 8.74 W/kg; SAR(10 g) = 2.49 W/kg
Smallest distance from peaks to all points 3 dB below = 7.6 mm
Ratio of SAR at M2 to SAR at M1 = 50.3%
Maximum value of SAR (measured) = 19.1 W/kg



0 dB = 19.1 W/kg = 12.81 dBW/kg

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