

Test Plot 138#: 5.3G WLAN Mode A_Mid_Body Right**DUT: SMART PoC RADIO; Type: IRC590; Serial: 22O4_1**

Communication System: 802.11a; Frequency: 5280 MHz; Duty Cycle: 1:1.03

Medium parameters used: $f = 5280$ MHz; $\sigma = 4.605$ S/m; $\epsilon_r = 36.476$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(5.37, 5.37, 5.37) @ 5280 MHz; Calibrated: 2023/1/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2022/10/31
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (10x27x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.147 W/kg

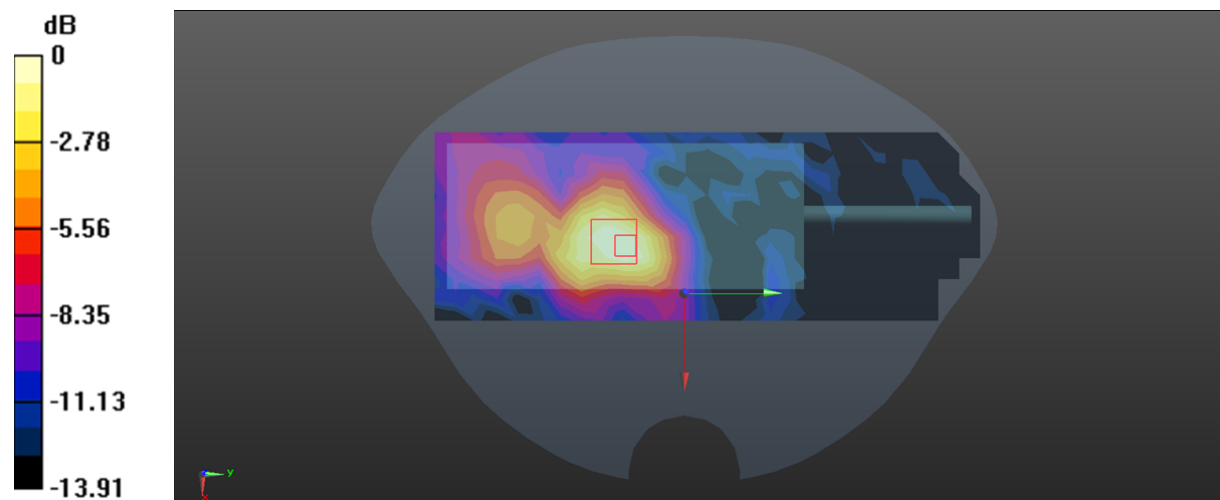
Zoom Scan (7x7x16)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.951 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.257 W/kg

SAR(1 g) = 0.076 W/kg; SAR(10 g) = 0.039 W/kg

Maximum value of SAR (measured) = 0.153 W/kg



0 dB = 0.153 W/kg = -8.15 dBW/kg

Test Plot 139#: 5.6G WLAN Mode A_Mid_Body Back With Belt Clip**DUT: SMART PoC RADIO; Type: IRC590; Serial: 22O4_1**

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1.03

Medium parameters used: $f = 5580 \text{ MHz}$; $\sigma = 4.974 \text{ S/m}$; $\epsilon_r = 35.696$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(4.9, 4.9, 4.9) @ 5580 MHz; Calibrated: 2023/1/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2022/10/31
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (11x27x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Maximum value of SAR (measured) = 0.0744 W/kg

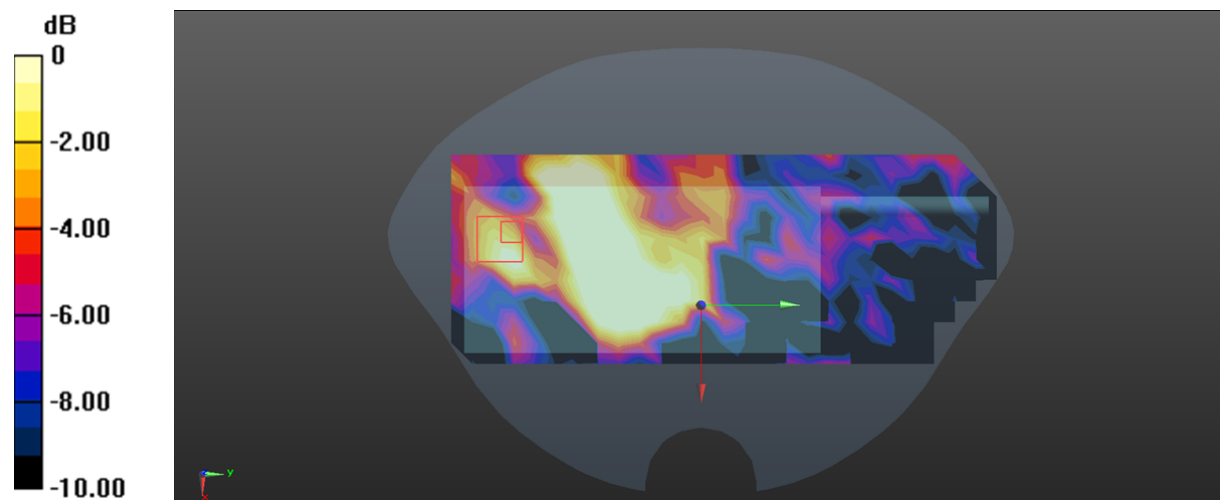
Zoom Scan (7x7x16)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=2\text{mm}$

Reference Value = 1.396 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.103 W/kg

SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.013 W/kg

Maximum value of SAR (measured) = 0.0305 W/kg



0 dB = 0.0305 W/kg = -15.16 dBW/kg

Test Plot 140#: 5.6G WLAN Mode A_Mid_Body Front**DUT: SMART PoC RADIO; Type: IRC590; Serial: 22O4_1**

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1.03

Medium parameters used: $f = 5580$ MHz; $\sigma = 4.974$ S/m; $\epsilon_r = 35.696$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(4.9, 4.9, 4.9) @ 5580 MHz; Calibrated: 2023/1/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2022/10/31
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (12x27x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0904 W/kg

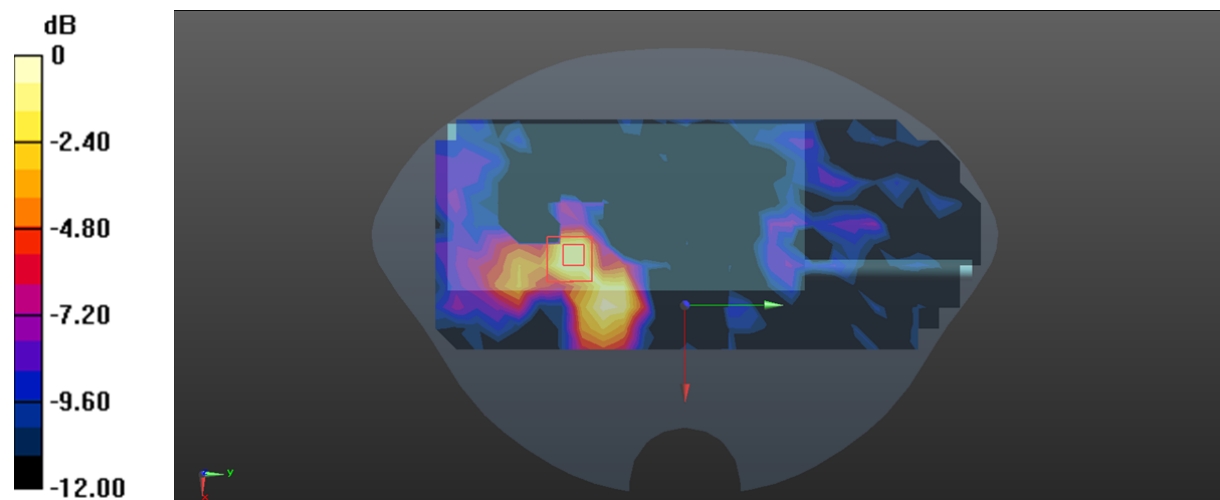
Zoom Scan (7x7x16)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.046 V/m; Power Drift = 0.06 dB

Peak SAR (extrapolated) = 0.166 W/kg

SAR(1 g) = 0.040 W/kg; SAR(10 g) = 0.014 W/kg

Maximum value of SAR (measured) = 0.0992 W/kg



0 dB = 0.0992 W/kg = -10.03 dBW/kg

Test Plot 141#: 5.6G WLAN Mode A_Mid_Body Back**DUT: SMART PoC RADIO; Type: IRC590; Serial: 22O4_1**

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1.03

Medium parameters used: $f = 5580$ MHz; $\sigma = 4.974$ S/m; $\epsilon_r = 35.696$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(4.9, 4.9, 4.9) @ 5580 MHz; Calibrated: 2023/1/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2022/10/31
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (11x27x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0465 W/kg

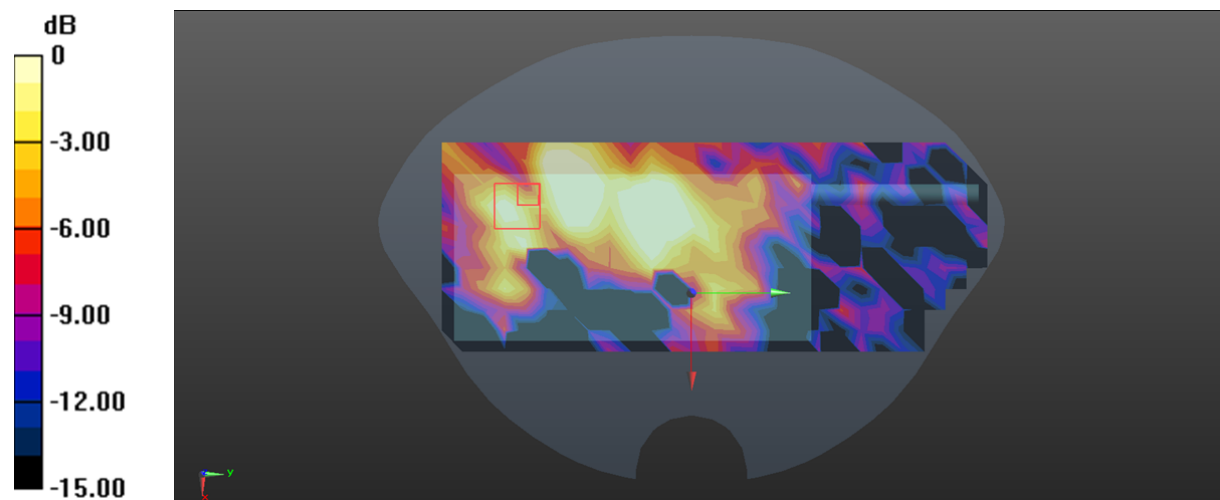
Zoom Scan (7x7x16)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.470 V/m; Power Drift = 0.20 dB

Peak SAR (extrapolated) = 0.117 W/kg

SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.00684 W/kg

Maximum value of SAR (measured) = 0.0307 W/kg



0 dB = 0.0307 W/kg = -15.13 dBW/kg

Test Plot 142#: 5.6G WLAN Mode A_Mid_Body Right**DUT: SMART PoC RADIO; Type: IRC590; Serial: 22O4_1**

Communication System: 802.11a; Frequency: 5580 MHz; Duty Cycle: 1:1.03

Medium parameters used: $f = 5580$ MHz; $\sigma = 4.974$ S/m; $\epsilon_r = 35.696$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(4.9, 4.9, 4.9) @ 5580 MHz; Calibrated: 2023/1/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2022/10/31
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (10x27x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.152 W/kg

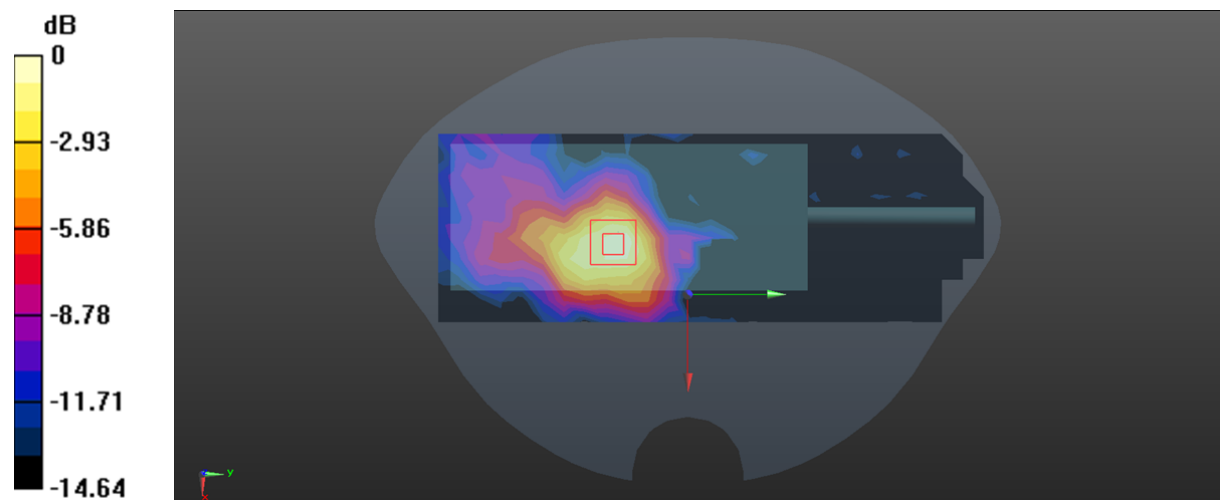
Zoom Scan (7x7x16)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.567 V/m; Power Drift = 0.18 dB

Peak SAR (extrapolated) = 0.276 W/kg

SAR(1 g) = 0.075 W/kg; SAR(10 g) = 0.034 W/kg

Maximum value of SAR (measured) = 0.163 W/kg



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

Test Plot 143#: 5.8G WLAN Mode A_Mid_Body Back With Belt Clip**DUT: SMART PoC RADIO; Type: IRC590; Serial: 22O4_1**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1.03

Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 5.207$ S/m; $\epsilon_r = 35.277$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(4.85, 4.85, 4.85) @ 5785 MHz; Calibrated: 2023/1/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2022/10/31
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (11x27x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.123 W/kg

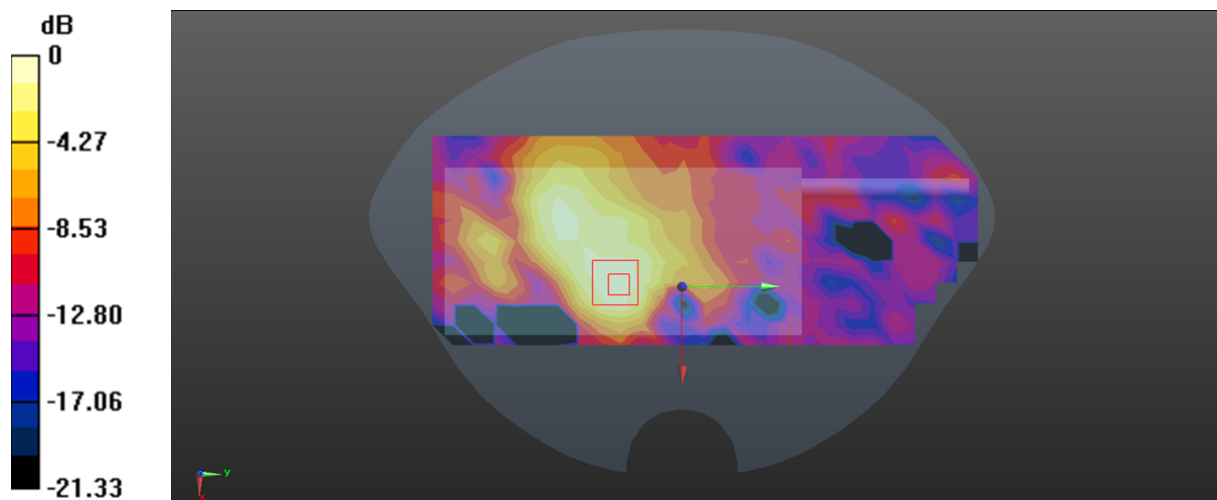
Zoom Scan (7x7x16)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.778 V/m; Power Drift = 0.17 dB

Peak SAR (extrapolated) = 0.213 W/kg

SAR(1 g) = 0.051 W/kg; SAR(10 g) = 0.020 W/kg

Maximum value of SAR (measured) = 0.122 W/kg



0 dB = 0.122 W/kg = -9.14 dBW/kg

Test Plot 144#: 5.8G WLAN Mode A_Mid_Body Front**DUT: SMART PoC RADIO; Type: IRC590; Serial: 22O4_1**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1.03

Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 5.207$ S/m; $\epsilon_r = 35.277$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(4.85, 4.85, 4.85) @ 5785 MHz; Calibrated: 2023/1/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2022/10/31
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (11x27x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.118 W/kg

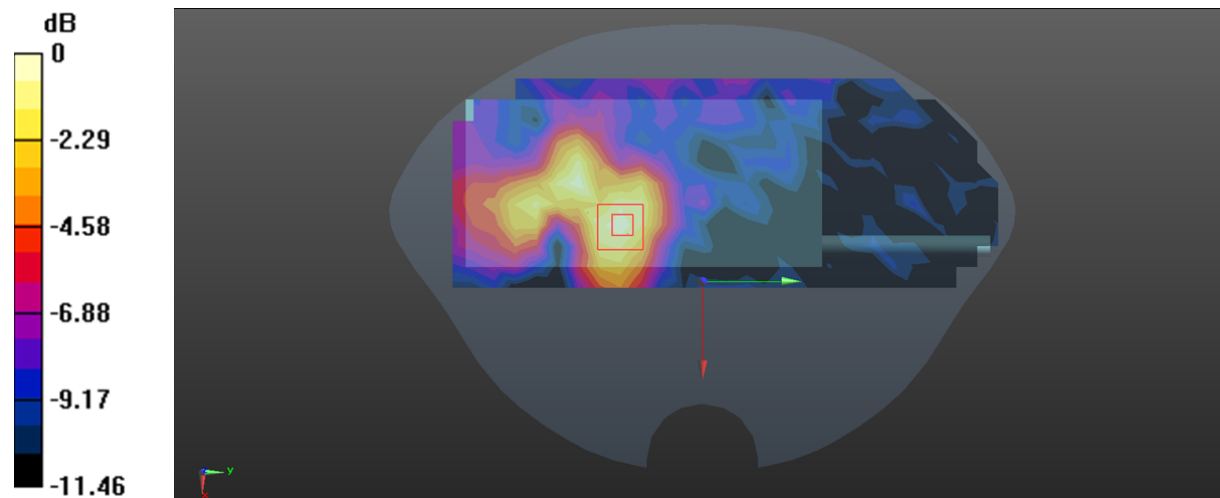
Zoom Scan (7x7x16)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.463 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 0.203 W/kg

SAR(1 g) = 0.062 W/kg; SAR(10 g) = 0.035 W/kg

Maximum value of SAR (measured) = 0.121 W/kg



0 dB = 0.121 W/kg = -9.17 dBW/kg

Test Plot 145#: 5.8G WLAN Mode A_Mid_Body Back**DUT: SMART PoC RADIO; Type: IRC590; Serial: 22O4_1**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1.03

Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 5.207$ S/m; $\epsilon_r = 35.277$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(4.85, 4.85, 4.85) @ 5785 MHz; Calibrated: 2023/1/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2022/10/31
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (11x27x1): Measurement grid: dx=10mm, dy=10mm

Maximum value of SAR (measured) = 0.0972 W/kg

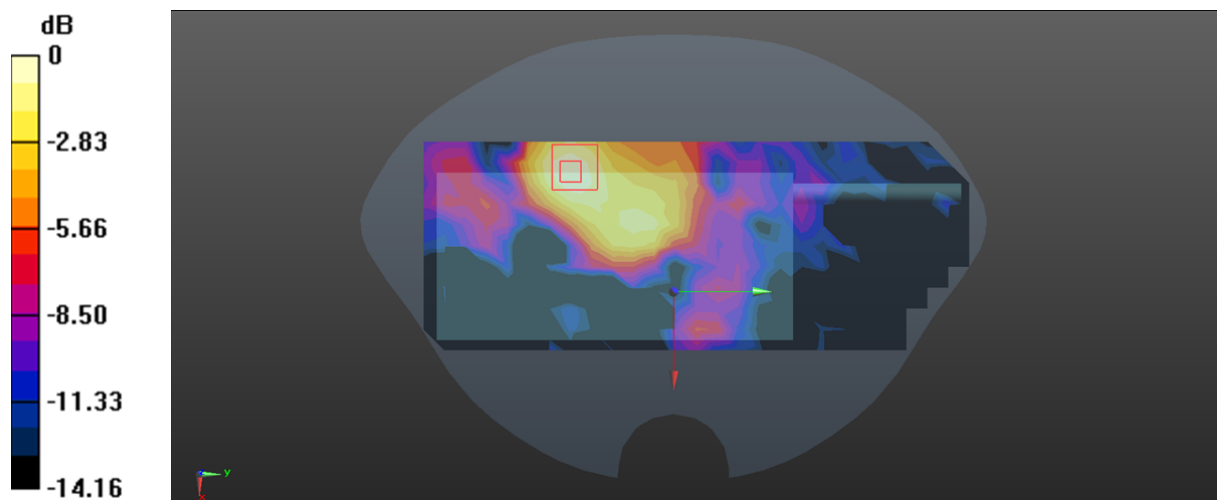
Zoom Scan (7x7x16)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.344 V/m; Power Drift = 0.15 dB

Peak SAR (extrapolated) = 0.153 W/kg

SAR(1 g) = 0.049 W/kg; SAR(10 g) = 0.027 W/kg

Maximum value of SAR (measured) = 0.100 W/kg



0 dB = 0.100 W/kg = -10.00 dBW/kg

Test Plot 146#: 5.8G WLAN Mode A_Mid_Body Right**DUT: SMART PoC RADIO; Type: IRC590; Serial: 22O4_1**

Communication System: 802.11a; Frequency: 5785 MHz; Duty Cycle: 1:1.03

Medium parameters used (interpolated): $f = 5785$ MHz; $\sigma = 5.207$ S/m; $\epsilon_r = 35.277$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

- Probe: EX3DV4 - SN7329; ConvF(4.85, 4.85, 4.85) @ 5785 MHz; Calibrated: 2023/1/3
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1354; Calibrated: 2022/10/31
- Phantom: Twin SAM; Type: Twin SAM V5.0; Serial: TP:1412
- Measurement SW: DASY52, Version 52.10 (2); SEMCAD X Version 14.6.12 (7470)

Area Scan (10x27x1): Measurement grid: dx=10mm, dy=10mm

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

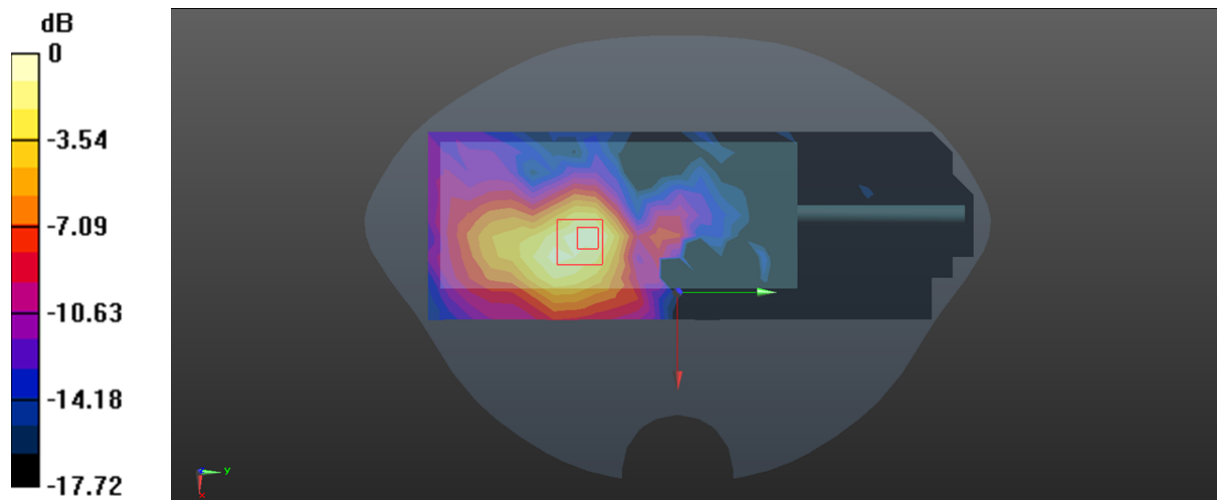
Zoom Scan (7x7x16)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=2mm

Reference Value = 1.820 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 0.559 W/kg

SAR(1 g) = 0.144 W/kg; SAR(10 g) = 0.064 W/kg

Maximum value of SAR (measured) = 0.323 W/kg



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