SAR Plots

- Verification Plots
- SAR Test Plots

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DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2-SN:726

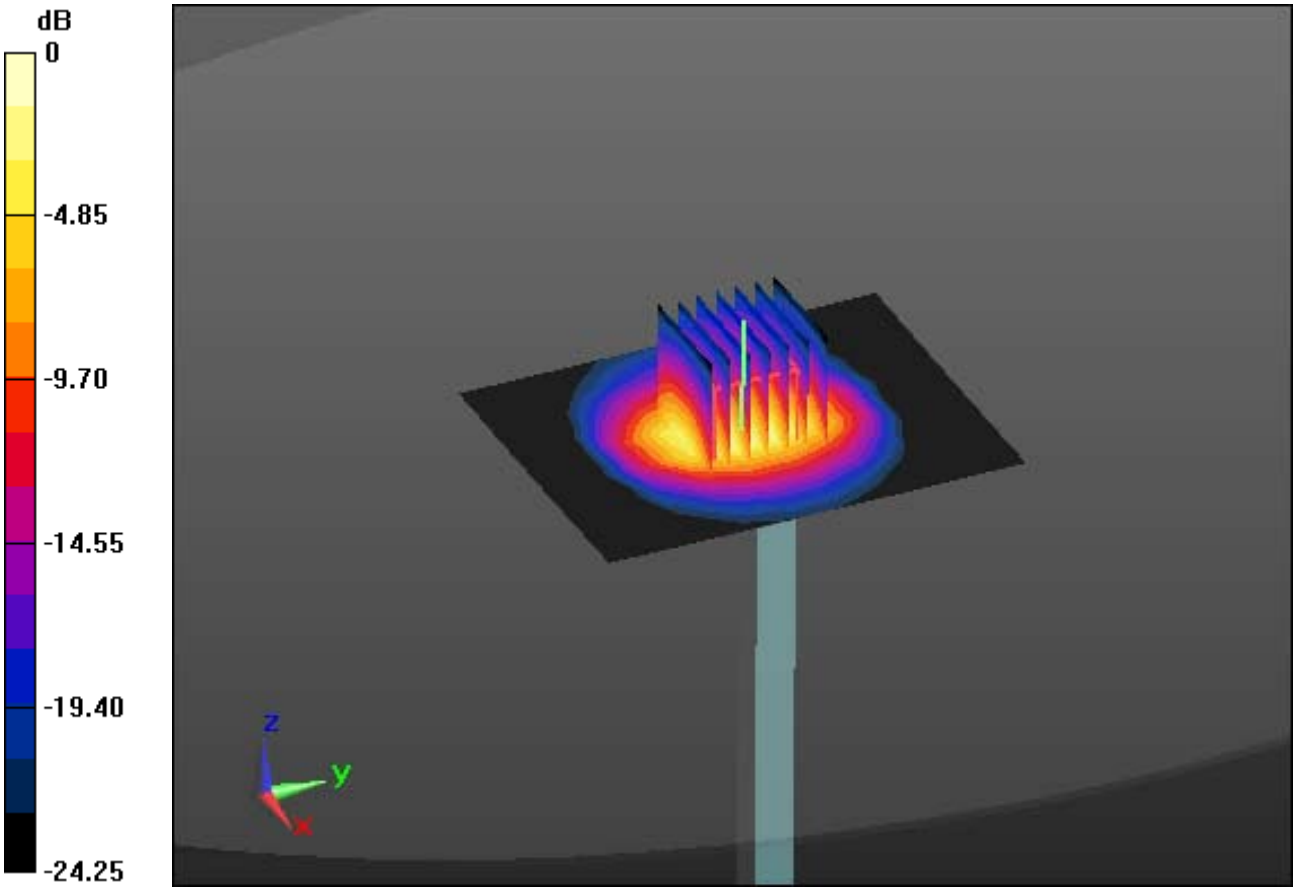
Communication System: UID 0, CW (0); Frequency: 2450 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 1.795 S/m; ε_r = 38.529; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.8, 7.8, 7.8); Calibrated: 2021-04-30 Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2008
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-11-02; Ambient Temp: 21.4; Tissue Temp: 21.7

2450 MHz System Verification (100 mW)

Area Scan (8x10x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.18 dB
Peak SAR (extrapolated) = 11.2 W/kg
SAR(1 g) = 5.28 W/kg; SAR(10 g) = 2.42 W/kg



0 dB = 8.35 W/kg

DT&C Co., Ltd.

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

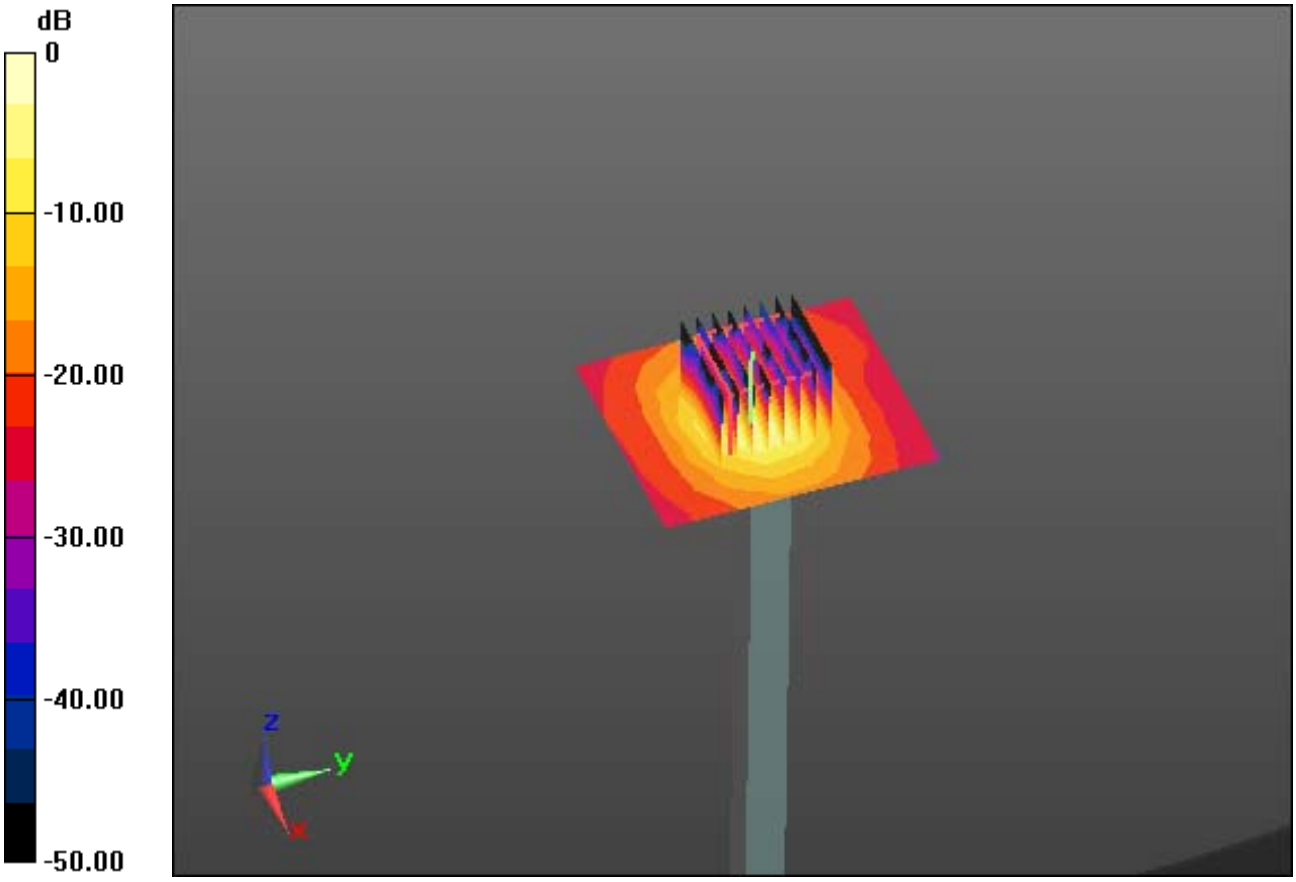
Communication System: UID 0, CW (0); Frequency: 5300 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5300 MHz; σ = 4.893 S/m; ε_r = 35.893; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(5, 5, 5); Calibrated: 2021-04-30 Electronics: DAE4 Sn1396
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2008
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-11-03; Ambient Temp: 21.3; Tissue Temp: 21.5

5300 MHz System Verification (100 mW)

Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = -0.11 dB
Peak SAR (extrapolated) = 35.2 W/kg
SAR(1 g) = 8.18 W/kg; SAR(10 g) = 2.36 W/kg



0 dB = 18.9 W/kg

DT&C Co., Ltd.

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

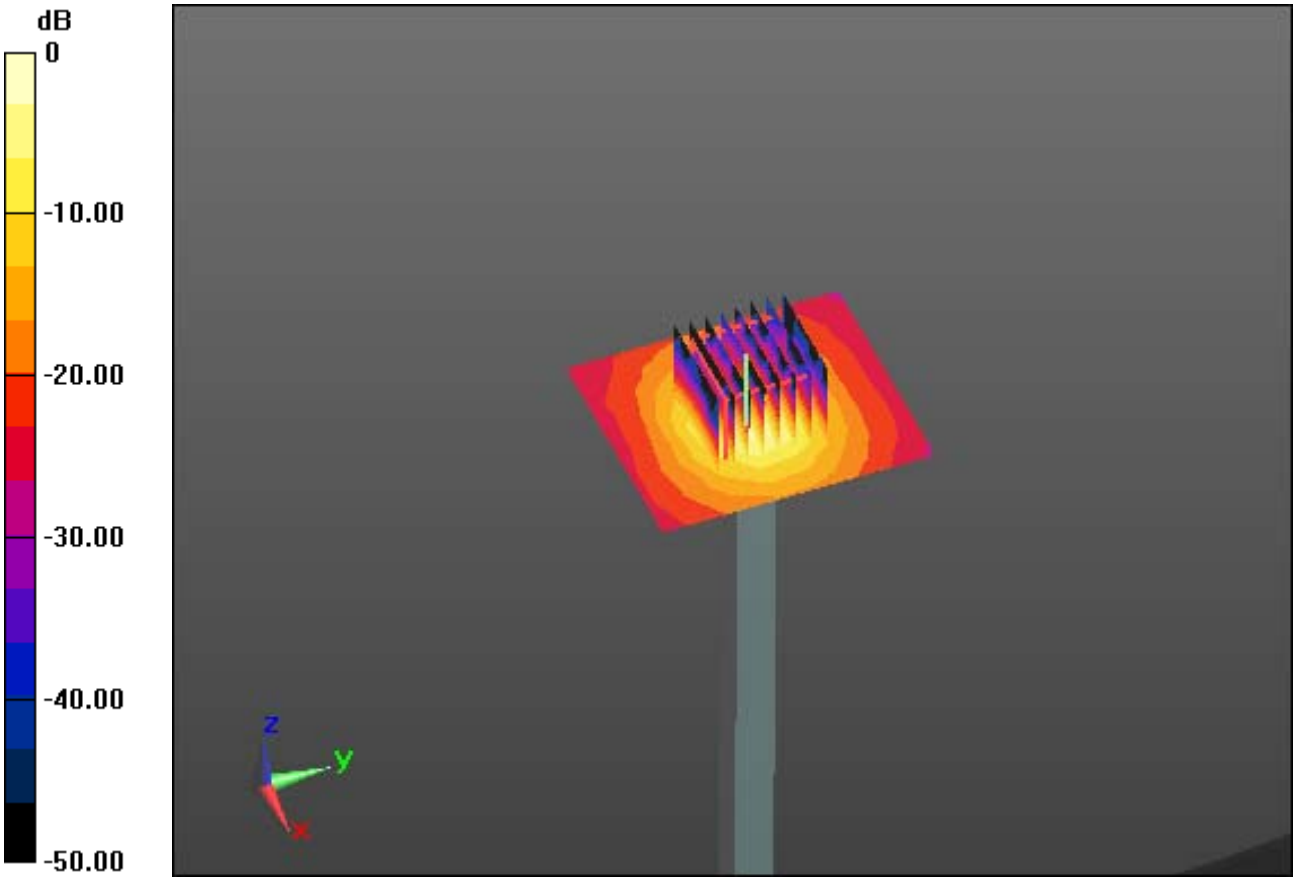
Communication System: UID 0, CW (0); Frequency: 5500 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5500 MHz; σ = 4.851 S/m; ε_r = 36.253; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.85, 4.85, 4.85); Calibrated: 2021-04-30 Electronics: DAE4 Sn1396
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2008
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-11-04; Ambient Temp: 21.5; Tissue Temp: 21.3

5500 MHz System Verification (100 mW)

Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = -0.10 dB
Peak SAR (extrapolated) = 39.6 W/kg
SAR(1 g) = 8.68 W/kg; SAR(10 g) = 2.48 W/kg



0 dB = 21.4 W/kg

DT&C Co., Ltd.

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

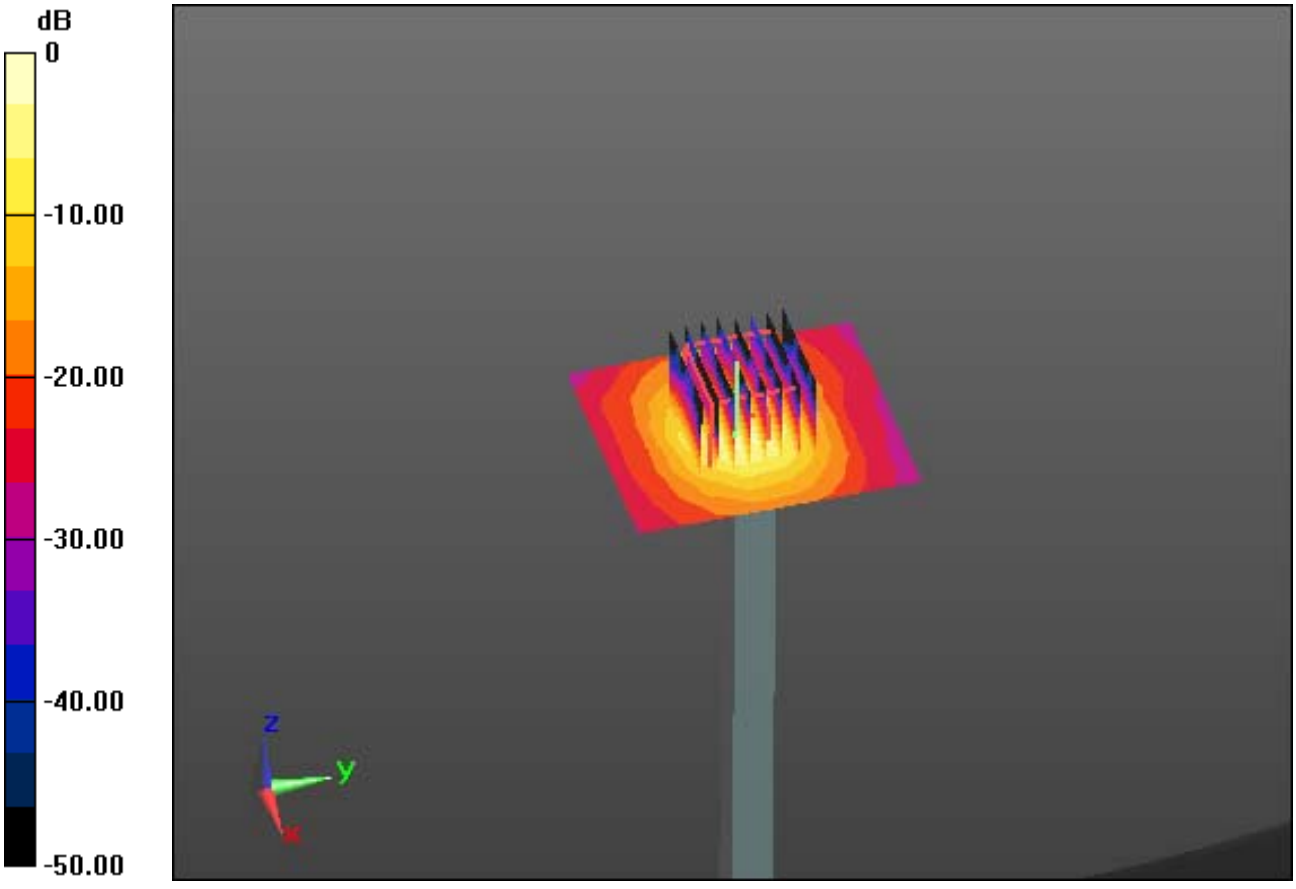
Communication System: UID 0, CW (0); Frequency: 5600 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5600 MHz; σ = 4.956 S/m; ε_r = 36.096; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.66, 4.66, 4.66); Calibrated: 2021-04-30 Electronics: DAE4 Sn1396
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2008
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-11-04; Ambient Temp: 21.5; Tissue Temp: 21.3

5600 MHz System Verification (100 mW)

Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = -0.06 dB
Peak SAR (extrapolated) = 35.1 W/kg
SAR(1 g) = 8.29 W/kg; SAR(10 g) = 2.37 W/kg



0 dB = 18.4 W/kg

DT&C Co., Ltd.

DUT: KC-T303DT; Type: Tablet

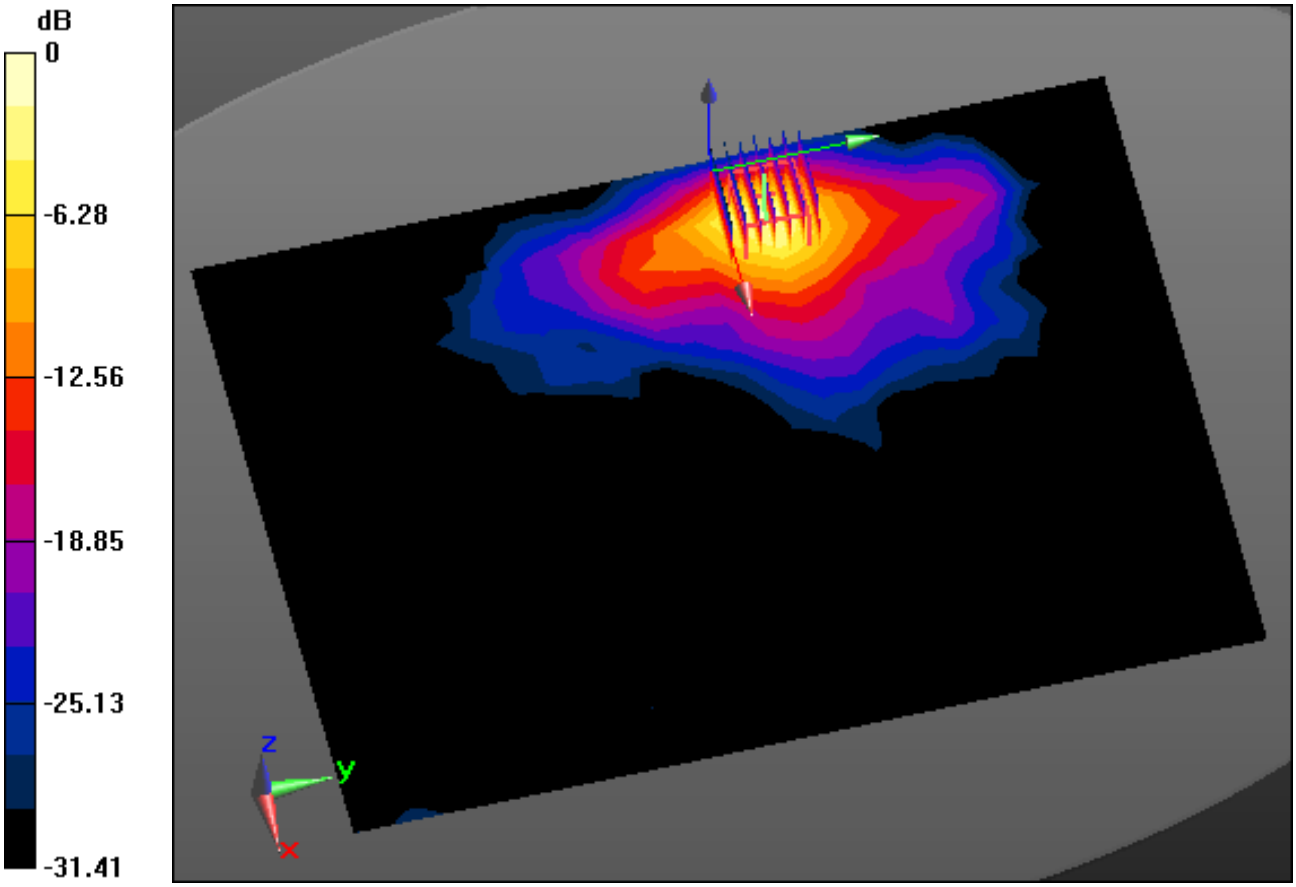
Communication System: UID 0, W-LAN (0); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.751 S/m; ε_r = 38.653; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.8, 7.8, 7.8); Calibrated: 2021-04-30 Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2008
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-11-02; Ambient Temp: 21.4; Tissue Temp: 21.7

Touch from Body, Rear, W-LAN(802.11b) Ch. 1, Ant Internal

Area Scan (20x27x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.14 dB
Peak SAR (extrapolated) = 3.29 W/kg
SAR(1 g) = 1.18 W/kg; SAR(10 g) = 0.448 W/kg



0 dB = 2.12 W/kg

DT&C Co., Ltd.

DUT: KC-T303DT; Type: Tablet

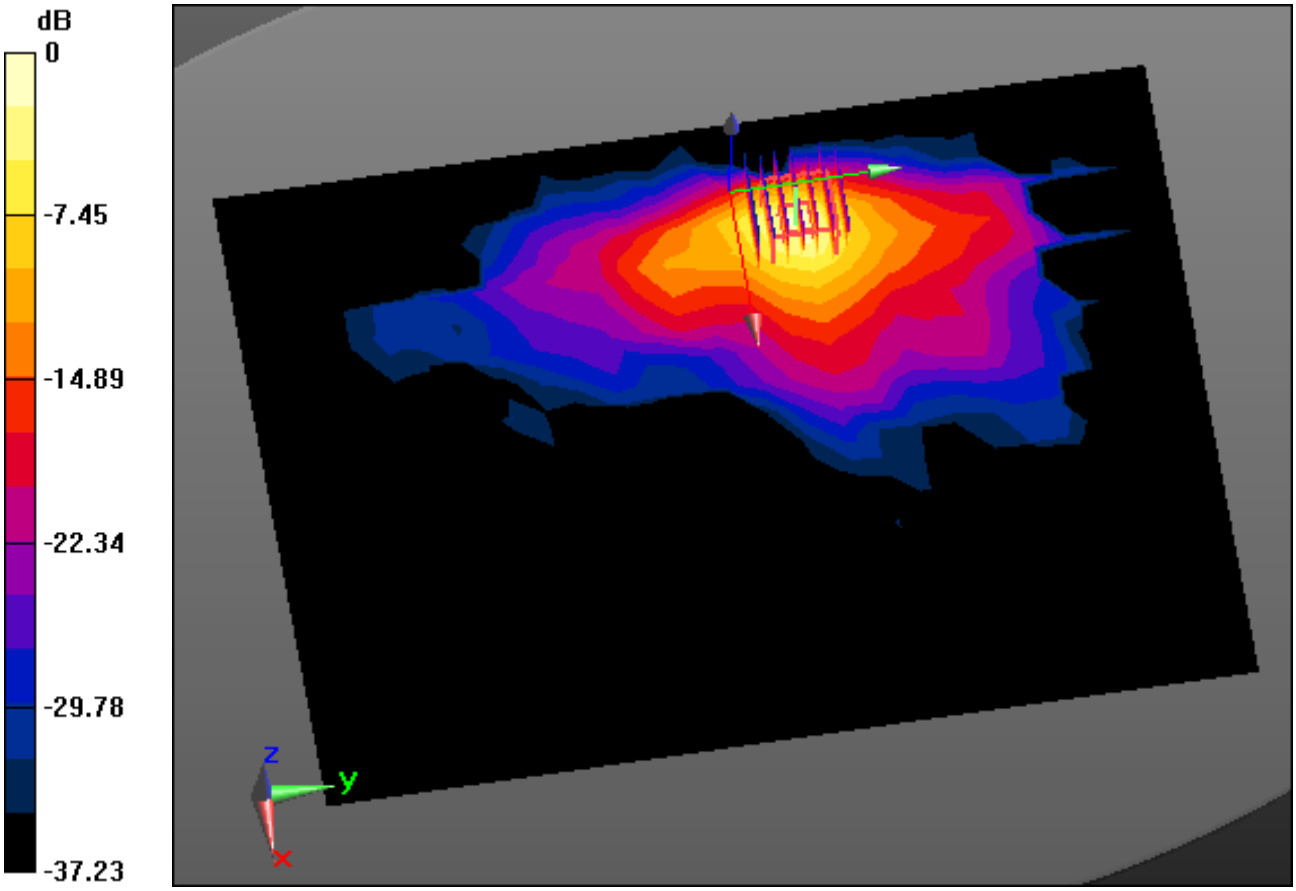
Communication System: UID 0, W-LAN (0); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.751 S/m; ε_r = 38.653; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.8, 7.8, 7.8); Calibrated: 2021-04-30 Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2008
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-11-02; Ambient Temp: 21.4; Tissue Temp: 21.7

Touch from Body, Rear, W-LAN(802.11g) Ch. 1, Ant Internal

Area Scan (20x27x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.13 dB
Peak SAR (extrapolated) = 3.17 W/kg
SAR(1 g) = 1.12 W/kg; SAR(10 g) = 0.442 W/kg



0 dB = 2.08 W/kg

DT&C Co., Ltd.

DUT: KC-T303DT; Type: Tablet

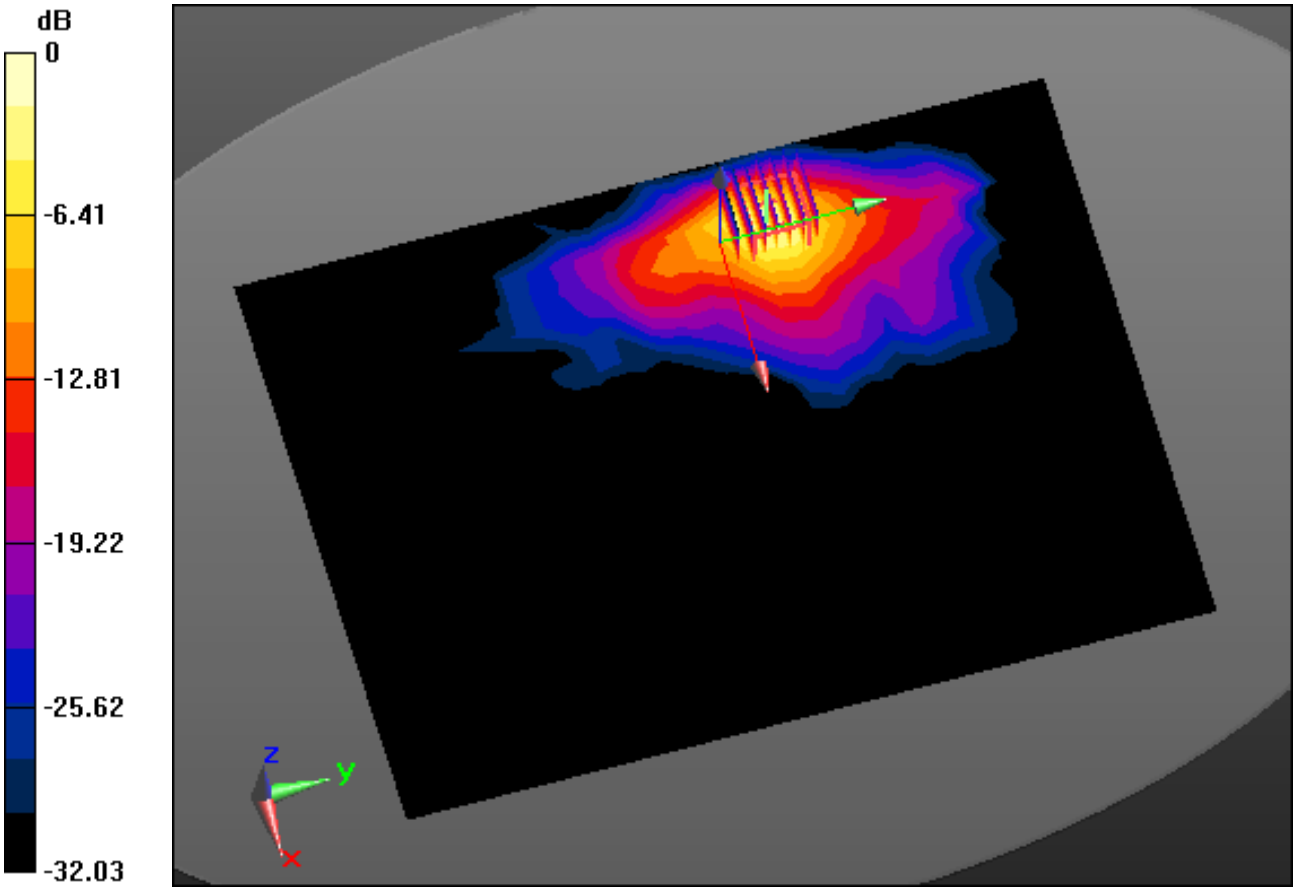
Communication System: UID 0, W-LAN (0); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium parameters used: f = 2462 MHz; σ = 1.808 S/m; ε_r = 38.49; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.8, 7.8, 7.8); Calibrated: 2021-04-30 Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2008
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-11-02; Ambient Temp: 21.4; Tissue Temp: 21.7

Touch from Body, Rear, W-LAN(802.11n HT20) Ch. 11, Ant Internal

Area Scan (20x27x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.12 dB
Peak SAR (extrapolated) = 2.98 W/kg
SAR(1 g) = 0.998 W/kg; SAR(10 g) = 0.396 W/kg



0 dB = 1.98 W/kg

DT&C Co., Ltd.

DUT: KC-T303DT; Type: Tablet

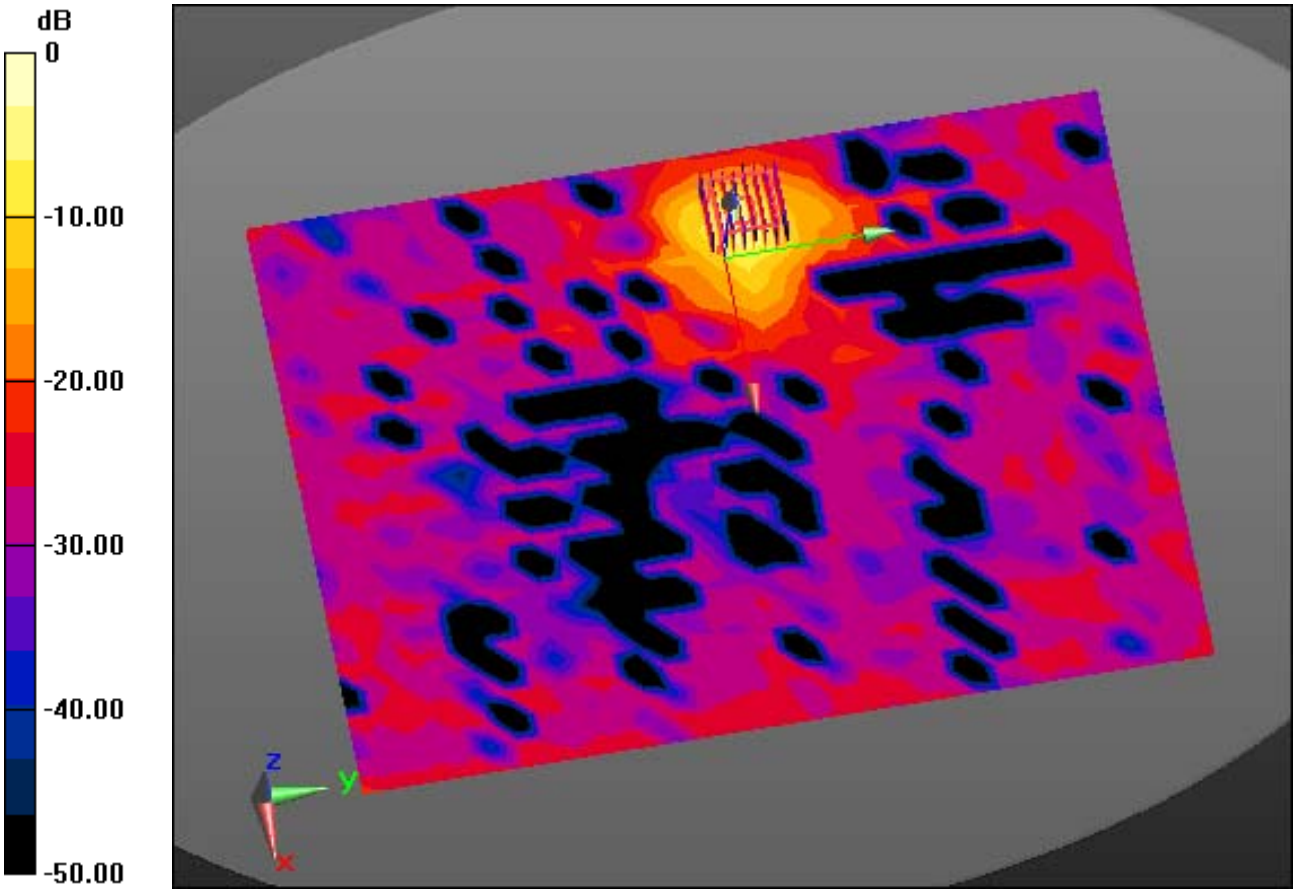
Communication System: UID 0, WLAN 5GHz (0); Frequency: 5290 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5290 MHz; σ = 4.885 S/m; ε_r = 35.919; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(5, 5, 5); Calibrated: 2021-04-30 Electronics: DAE4 Sn1396
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2008
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-11-03; Ambient Temp: 21.3; Tissue Temp: 21.5

Touch from Body, Rear, W-LAN(802.11ac VHT80) Ch. 58, Ant Internal

Area Scan (24x33x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.18 dB
Peak SAR (extrapolated) = 3.80 W/kg
SAR(1 g) = 0.725 W/kg; SAR(10 g) = 0.176 W/kg



0 dB = 2.01 W/kg

DT&C Co., Ltd.

DUT: KC-T303DT; Type: Tablet

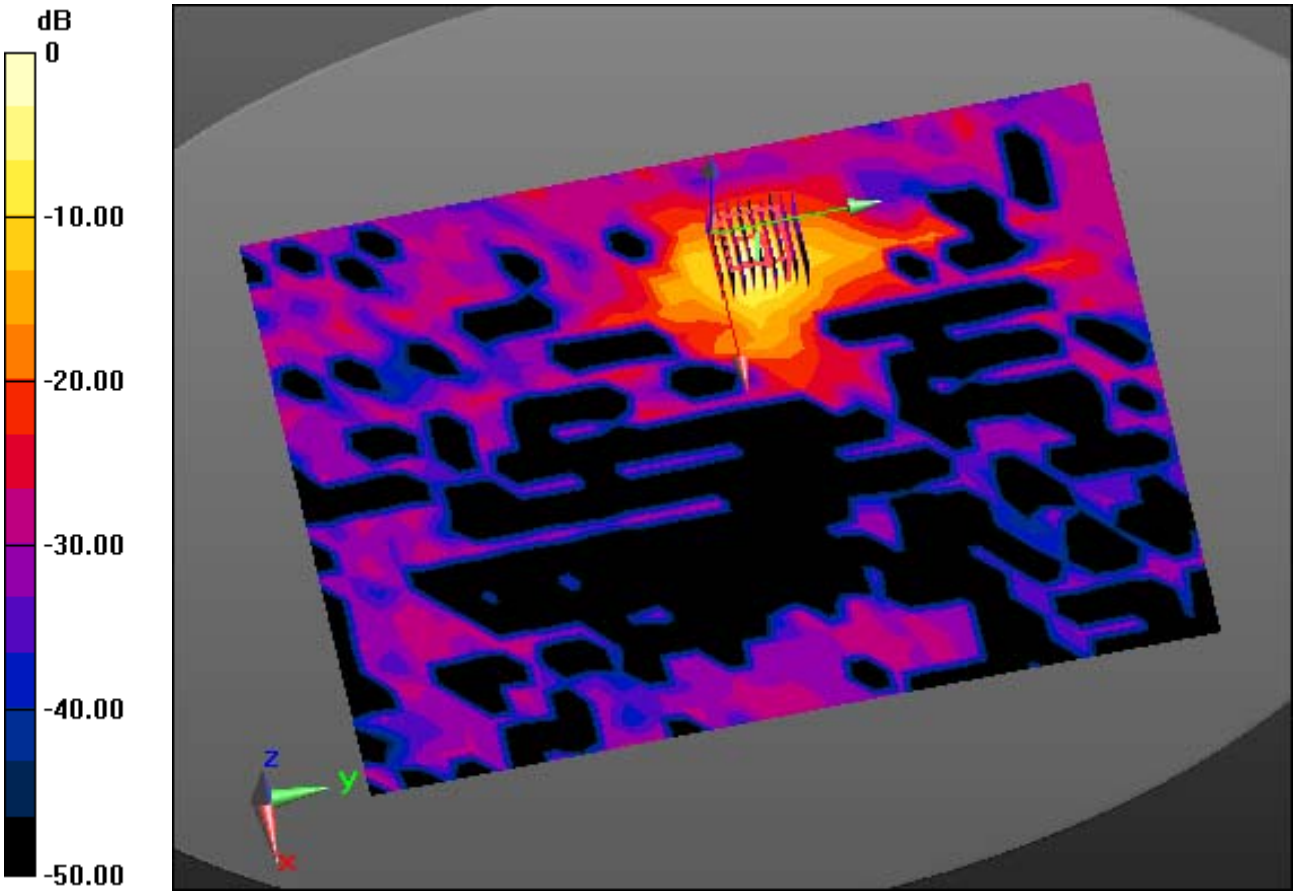
Communication System: UID 0, WLAN 5GHz (0); Frequency: 5690 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5690 MHz; σ = 5.048 S/m; ε_r = 35.949; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(4.66, 4.66, 4.66); Calibrated: 2021-04-30 Electronics: DAE4 Sn1396
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2008
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-11-04; Ambient Temp: 21.5; Tissue Temp: 21.3

Touch from Body, Rear, W-LAN(802.11ac VHT80) Ch. 138, Ant Internal

Area Scan (24x33x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (9x9x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = -0.15 dB
Peak SAR (extrapolated) = 4.85 W/kg
SAR(1 g) = 0.827 W/kg; SAR(10 g) = 0.194 W/kg



0 dB = 2.24 W/kg

DT&C Co., Ltd.

DUT: KC-T303DT; Type: Tablet

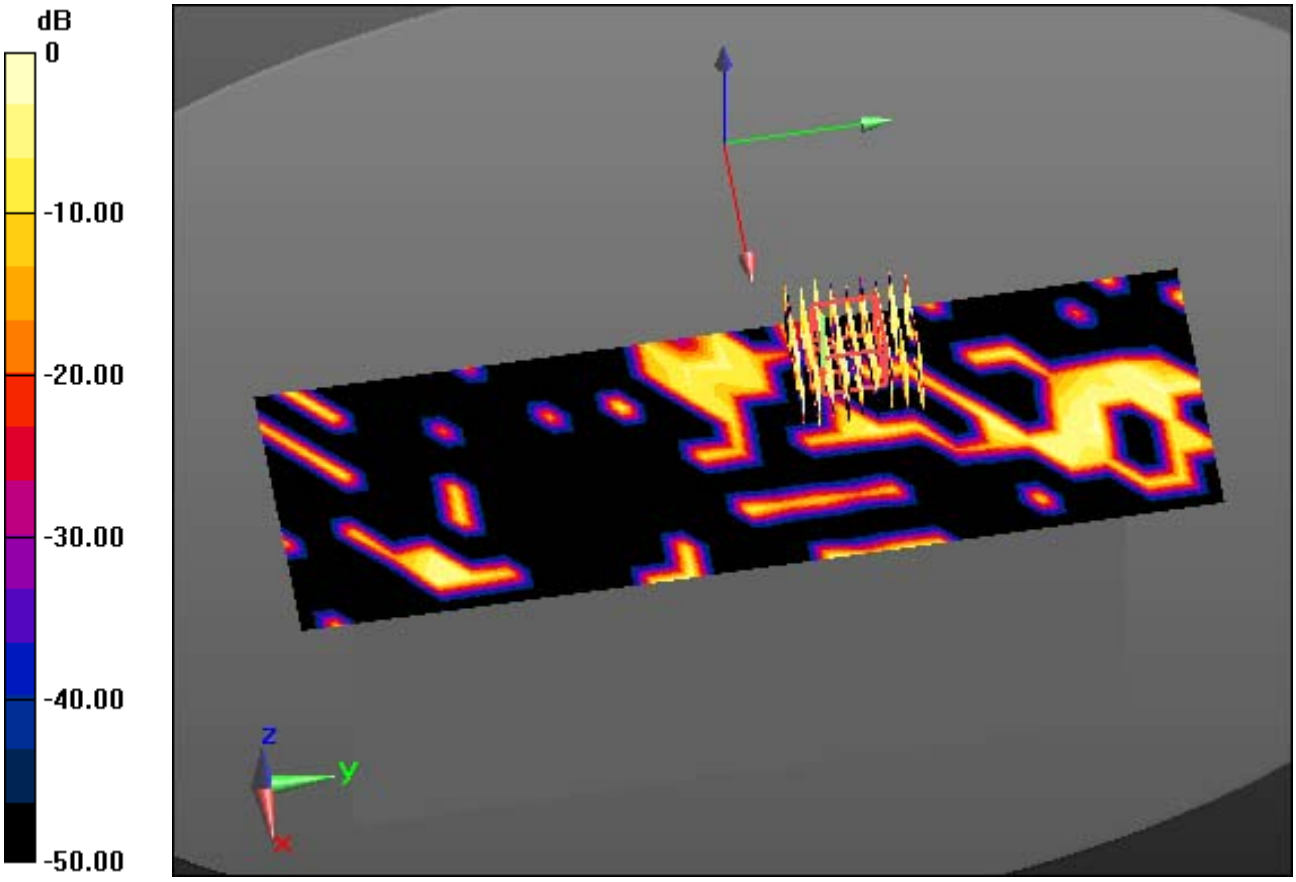
Communication System: UID 0, Bluetooth (0); Frequency: 2441 MHz;Duty Cycle: 1:1.302
Medium parameters used: f = 2441 MHz; σ = 1.784 S/m; ε_r = 38.561; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3916; ConvF(7.8, 7.8, 7.8); Calibrated: 2021-04-30 Electronics: DAE4 Sn1396
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: ELI v6.0; Type: QDOVA003AA; Serial: TP:2008
Measurement SW: DASY52, Version 52.10 (3); SEMCAD X Version 14.6.13 (7474)

Test Date: 2021-11-02; Ambient Temp: 21.4; Tissue Temp: 21.7

Touch from Body, Top, Bluetooth 1 Mbps Ch. 39 Ant. Internal

Area Scan (9x27x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = 0.00 dB
Peak SAR (extrapolated) = 0.00130 W/kg
SAR(1 g) = 0.000103 W/kg; SAR(10 g) = 2.16e-005 W/kg



0 dB = 0.00130 W/kg