SAR Plots

- Verification Plots
- SAR Test Plots

DT&C Co., Ltd.

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:920

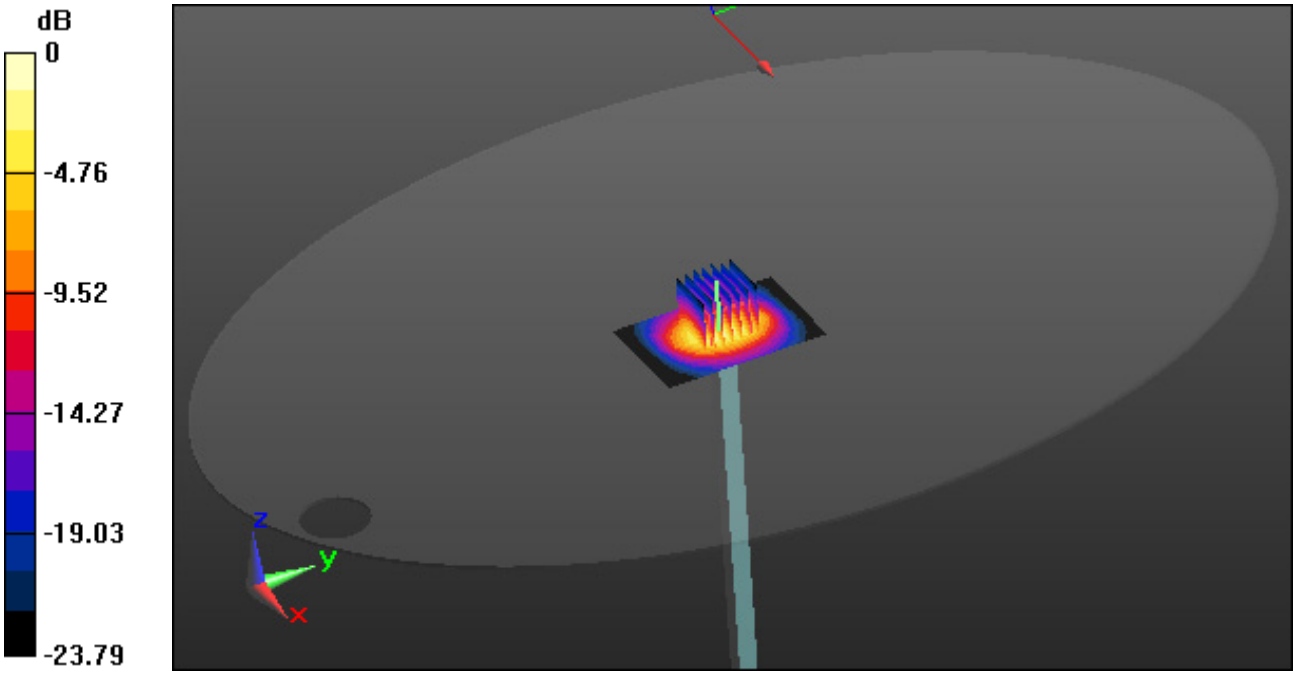
Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2450 MHz; σ = 1.917 S/m; ε_r = 52.229; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(7.89, 7.89, 7.89); Calibrated: 7/26/2018; Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: ELI v5.0_2014_02_13; Type: QDOVA002AA; Serial: TP:1237
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-05-27; Ambient Temp: 20.9; Tissue Temp: 21.0

2450 MHz System Body Verification (100 mW)

Area Scan (7x10x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.19 dB
Peak SAR (extrapolated) = 10.2 W/kg
SAR(1 g) = 4.98 W/kg; SAR(10 g) = 2.38 W/kg



0 dB = 6.93 W/kg

DT&C Co., Ltd.

DUT: Dipole 5GHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

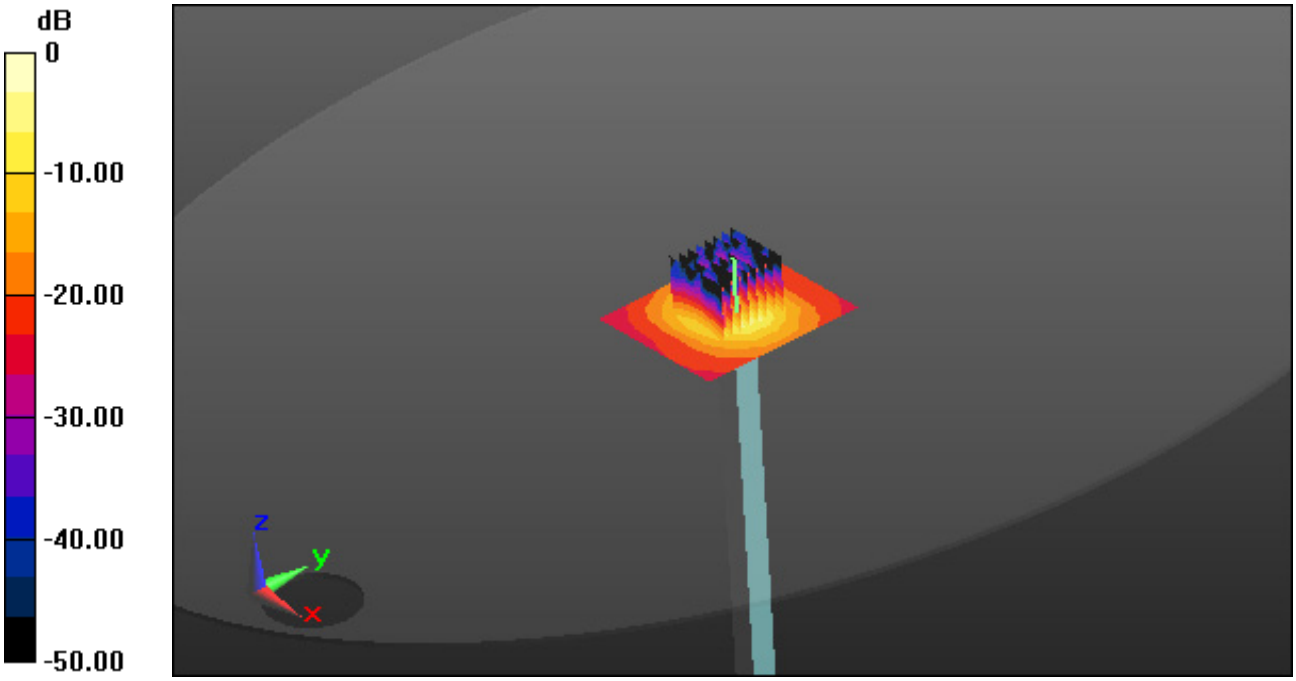
Communication System: UID 0, CW (0); Frequency: 5200 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; σ = 5.22 S/m; ε_r = 49.805; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.61, 4.61, 4.61); Calibrated: 7/26/2018; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: ELI v5.0_2014_02_13; Type: QDOVA002AA; Serial: TP:1237
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-06-07; Ambient Temp: 20.9; Tissue Temp: 21.1

5200 MHz System Body 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 = -0.08 dB
Peak SAR (extrapolated) = 29.3 W/kg
SAR(1 g) = 7.43 W/kg; SAR(10 g) = 2.08 W/kg



0 dB = 17.8 W/kg

DT&C Co., Ltd.

DUT: Dipole 5GHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

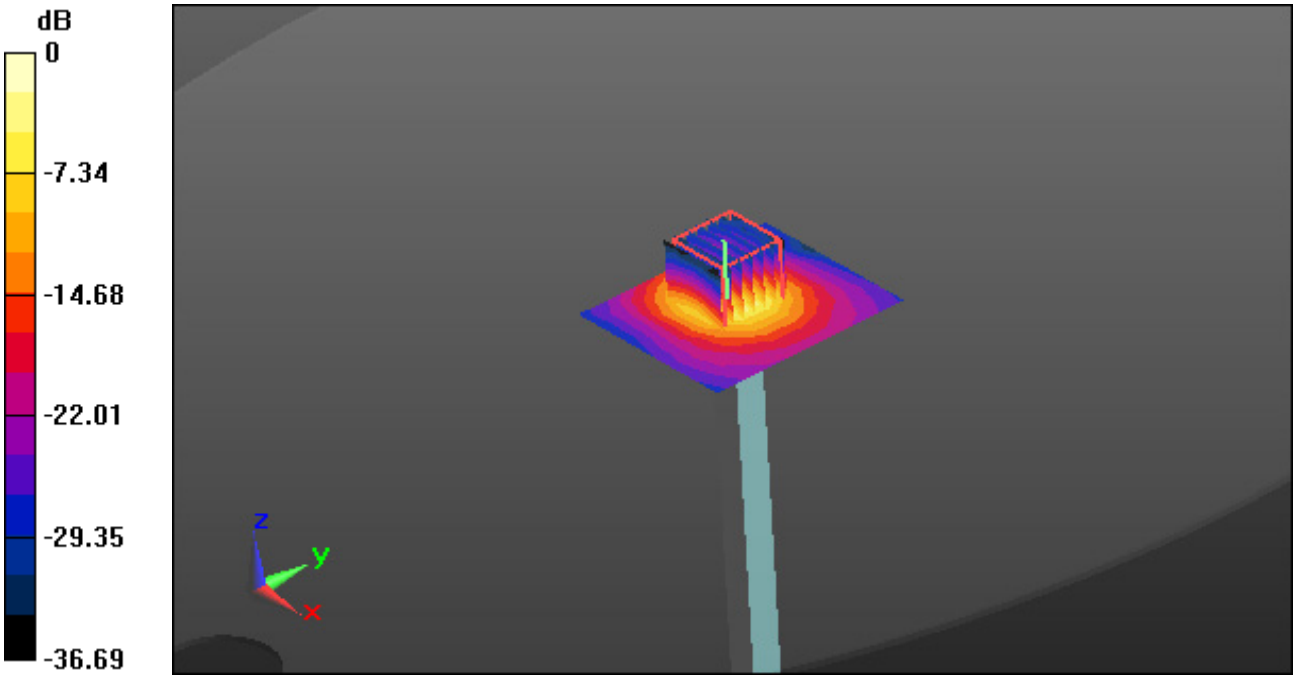
Communication System: UID 0, CW (0); Frequency: 5300 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5300 MHz; σ = 5.627 S/m; ε_r = 49.144; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.47, 4.47, 4.47); Calibrated: 7/26/2018; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: ELI v5.0_2014_02_13; Type: QDOVA002AA; Serial: TP:1237
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-05-29; Ambient Temp: 21.4; Tissue Temp: 21.6

5300 MHz System Body Verification (100 mW)

Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.03 dB
Peak SAR (extrapolated) = 31.3 W/kg
SAR(1 g) = 7.58 W/kg; SAR(10 g) = 2.12 W/kg



0 dB = 19.1 W/kg

DT&C Co., Ltd.

DUT: Dipole 5GHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1103

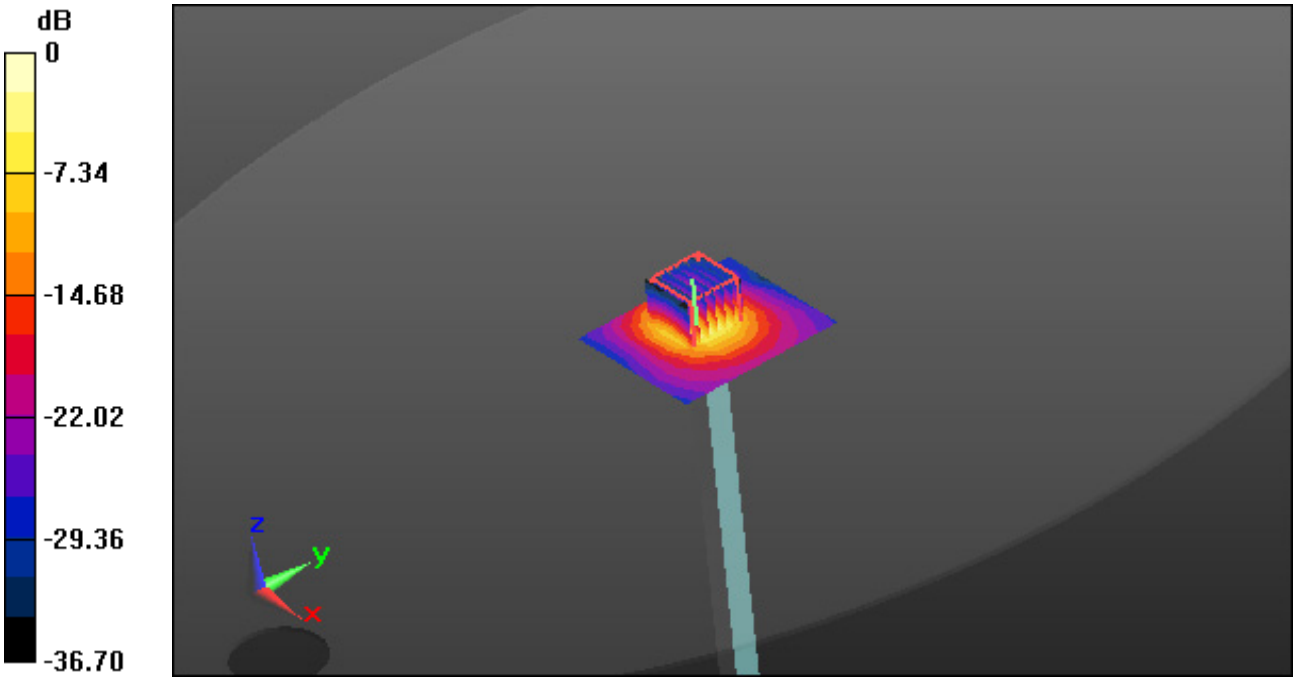
Communication System: UID 0, CW (0); Frequency: 5600 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5600 MHz; σ = 5.725 S/m; ε_r = 49.294; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.09, 4.09, 4.09); Calibrated: 7/26/2018; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: ELI v5.0_2014_02_13; Type: QDOVA002AA; Serial: TP:1237
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-05-28; Ambient Temp: 21.1; Tissue Temp: 21.4

5600 MHz System Body Verification (100 mW)

Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (7x7x11)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
Power Drift = 0.10 dB
Peak SAR (extrapolated) = 34.3 W/kg
SAR(1 g) = 8.13 W/kg; SAR(10 g) = 2.29 W/kg



0 dB = 19.4 W/kg

DT&C Co., Ltd.

DUT: KC-T302DT; Type: Tablet PC

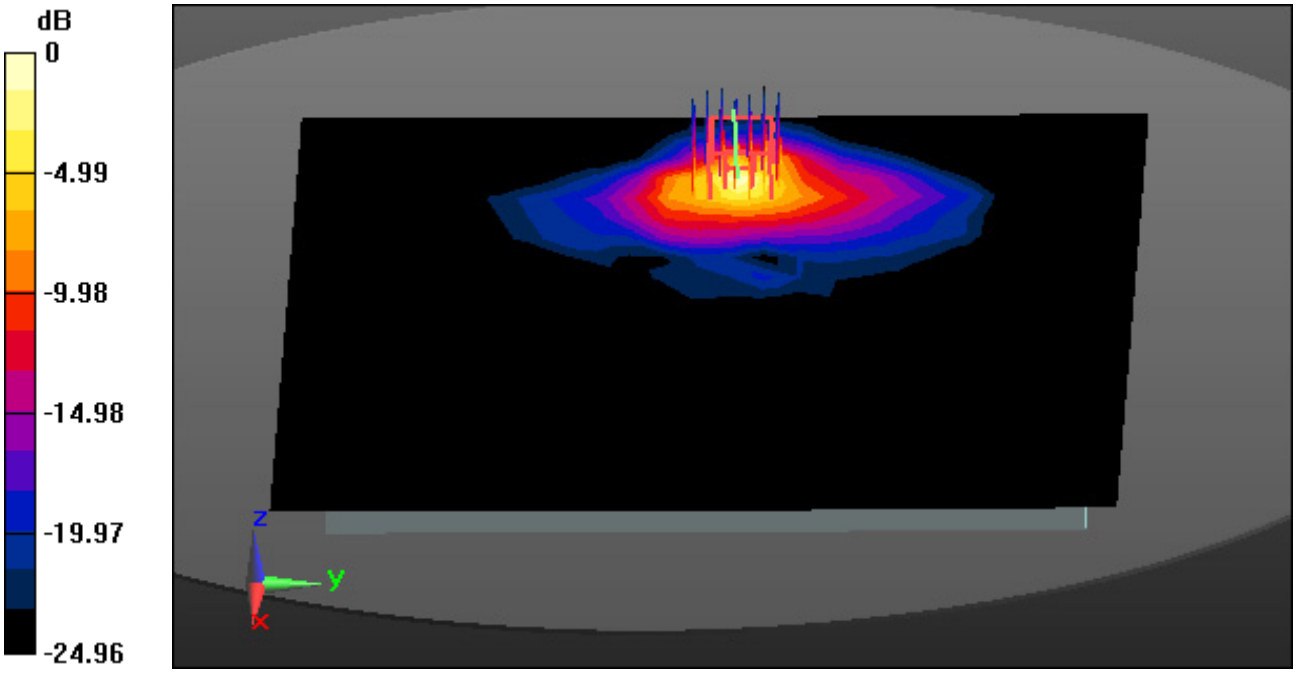
Communication System: UID 0, 00_2.4 GHz W-LAN (0); Frequency: 2412 MHz; Duty Cycle: 1:1
Medium parameters used: f = 2412 MHz; σ = 1.87 S/m; ε_r = 52.322; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(7.89, 7.89, 7.89); Calibrated: 7/26/2018; Electronics: DAE4 Sn1335
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: ELI v5.0_2014_02_13; Type: QDOVA002AA; Serial: TP:1237
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-05-27; Ambient Temp: 20.9; Tissue Temp: 21.0

Touch from Body, Rear, 2.4G W-LAN(802.11b) Ch. 1, Ant Internal

Area Scan (21x26x1): Measurement grid: dx=12mm, dy=12mm
Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Power Drift = -0.01 dB
Peak SAR (extrapolated) = 3.26 W/kg
SAR(1 g) = 1.17 W/kg; SAR(10 g) = 0.460 W/kg



0 dB = 2.14 W/kg

DT&C Co., Ltd.

DUT: KC-T302DT; Type: Tablet PC

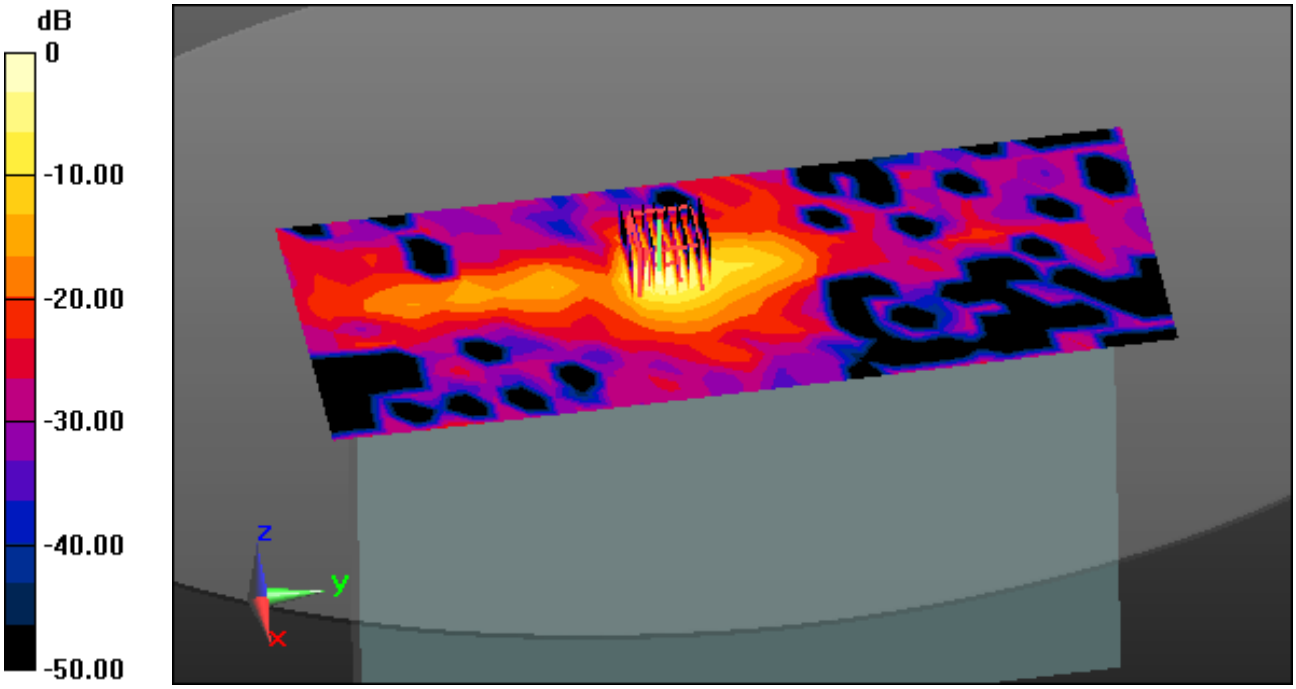
Communication System: UID 0, 00_5GHz W-LAN (0); Frequency: 5230 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5230 MHz; σ = 5.262 S/m; ε_r = 49.763; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.61, 4.61, 4.61); Calibrated: 7/26/2018; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: ELI v5.0_2014_02_13; Type: QDOVA002AA; Serial: TP:1237
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-06-07; Ambient Temp: 20.9; Tissue Temp: 21.1

Touch from Body, Top, 5.2G W-LAN(802.11n HT40) Ch. 46, Ant Internal

Area Scan (13x31x1): 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 = -0.05 dB
Peak SAR (extrapolated) = 2.39 W/kg
SAR(1 g) = 0.586 W/kg; SAR(10 g) = 0.166 W/kg



0 dB = 1.46 W/kg

DT&C Co., Ltd.

DUT: KC-T302DT; Type: Tablet PC

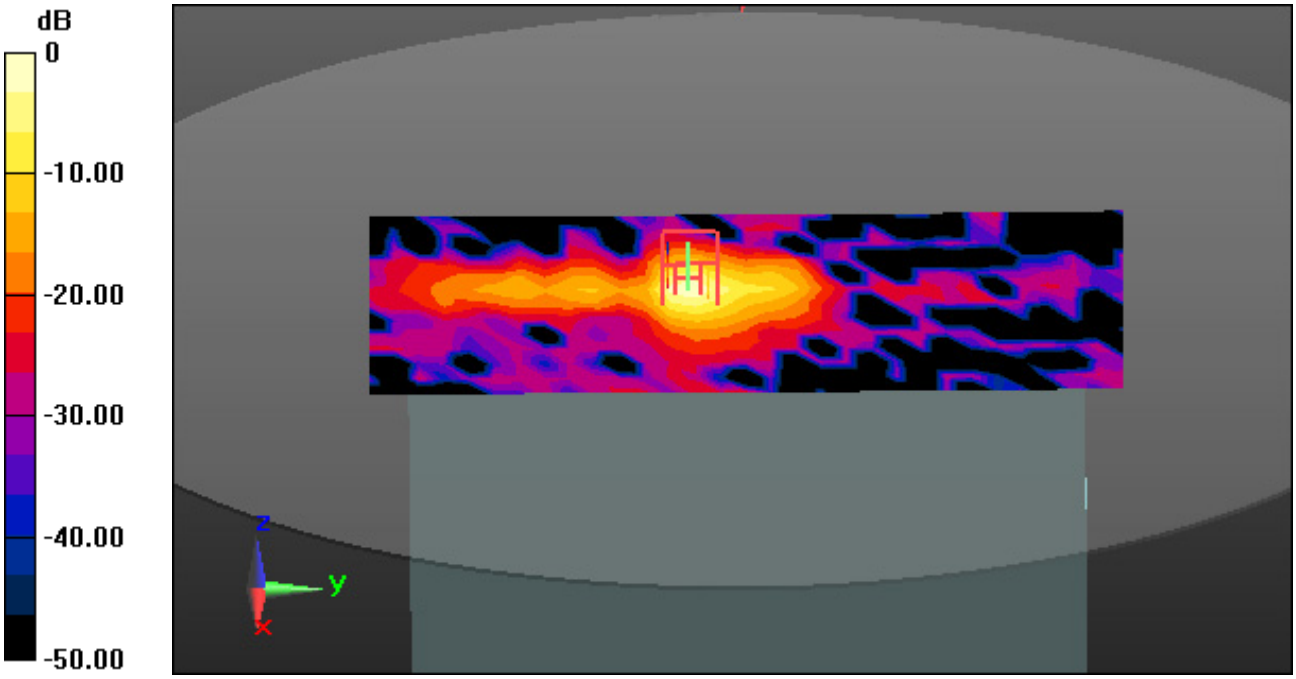
Communication System: UID 0, 00_5GHz W-LAN(KC) (0); Frequency: 5270 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5270 MHz; σ = 5.587 S/m; ε_r = 49.215; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.47, 4.47, 4.47); Calibrated: 7/26/2018; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: ELI v5.0_2014_02_13; Type: QDOVA002AA; Serial: TP:1237
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-05-29; Ambient Temp: 21.4; Tissue Temp: 21.6

Touch from Body, Top, 5.3G W-LAN(802.11n HT40) Ch. 54, Ant Internal

Area Scan (13x31x1): Measurement grid: dx=10mm, dy=10mm
Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4
ower Drift = -0.09 dB
Peak SAR (extrapolated) = 2.86 W/kg
SAR(1 g) = 0.709 W/kg; SAR(10 g) = 0.203 W/kg



0 dB = 1.74 W/kg

DT&C Co., Ltd.

DUT: KC-T302DT; Type: Tablet PC

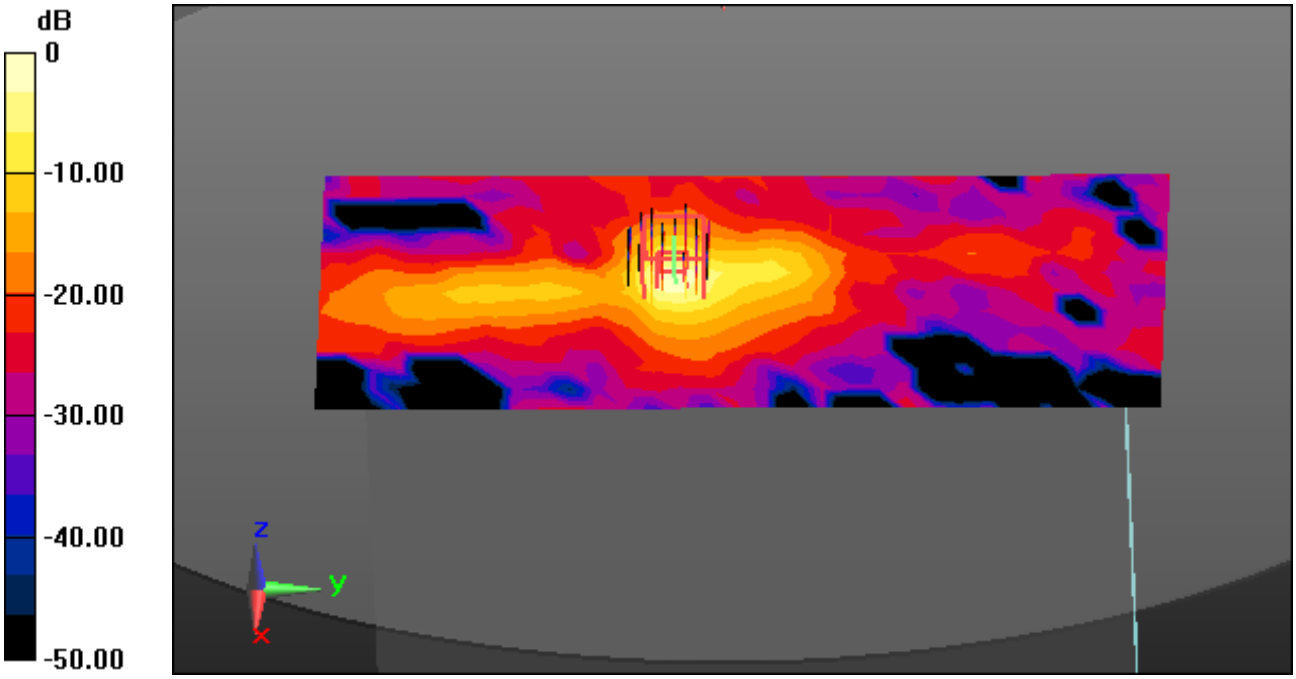
Communication System: UID 0, 00_5GHz W-LAN(KC) (0); Frequency: 5510 MHz; Duty Cycle: 1:1
Medium parameters used: f = 5510 MHz; σ = 5.652 S/m; ε_r = 49.787; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3930; ConvF(4.19, 4.19, 4.19); Calibrated: 7/26/2018; Electronics: DAE4 Sn1335
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: ELI v5.0_2014_02_13; Type: QDOVA002AA; Serial: TP:1237
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2019-05-28; Ambient Temp: 21.1; Tissue Temp: 21.4

Touch from Body, Top, 5.6G W-LAN(802.11n HT40) Ch. 102, Ant Internal

Area Scan (13x31x1): 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 = -0.05 dB
Peak SAR (extrapolated) = 4.35 W/kg
SAR(1 g) = 1.01 W/kg; SAR(10 g) = 0.289 W/kg



0 dB = 2.50 W/kg