SAR Plots

- Verification Plots
- SAR Test Plots

DT&C Co., Ltd.

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1212

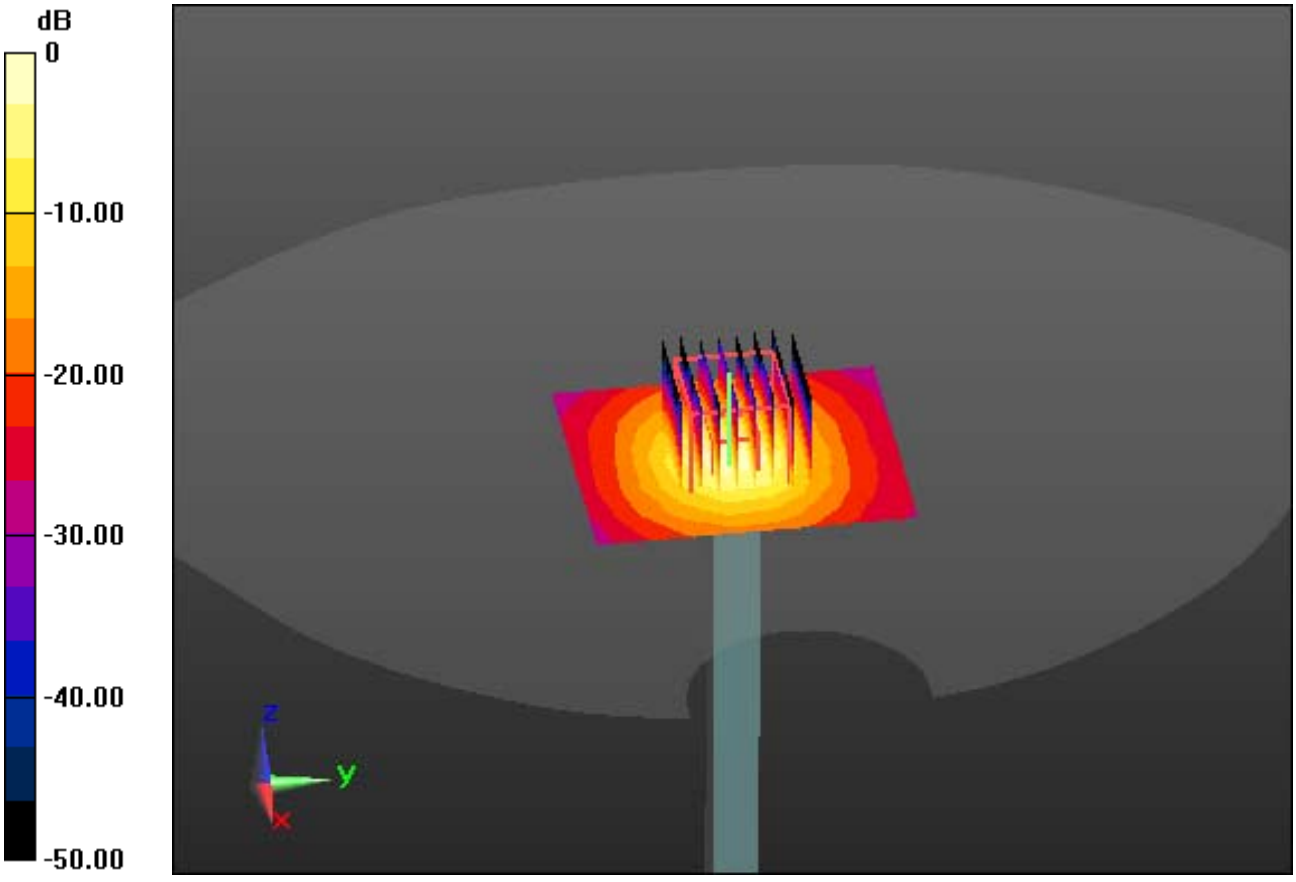
Communication System: UID 0, CW (0); Frequency: 5200 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; σ = 5.35 S/m; ε_r = 47.758; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(4.69, 4.69, 4.69); Calibrated: 2018-05-31; Electronics: DAE4 Sn1396
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-07-02; Ambient Temp: 21.8; Tissue Temp: 22.1

5200 MHz System Body Verification

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 = -0.15 dB
Peak SAR (extrapolated) = 27.2 W/kg
SAR(1 g) = 7.21 W/kg; SAR(10 g) = 2.03 W/kg



0 dB = 15.8 W/kg

DT&C Co., Ltd.

DUT: Dipole 5000 MHz; Type: D5GHzV2; Serial: D5GHzV2 - SN:1212

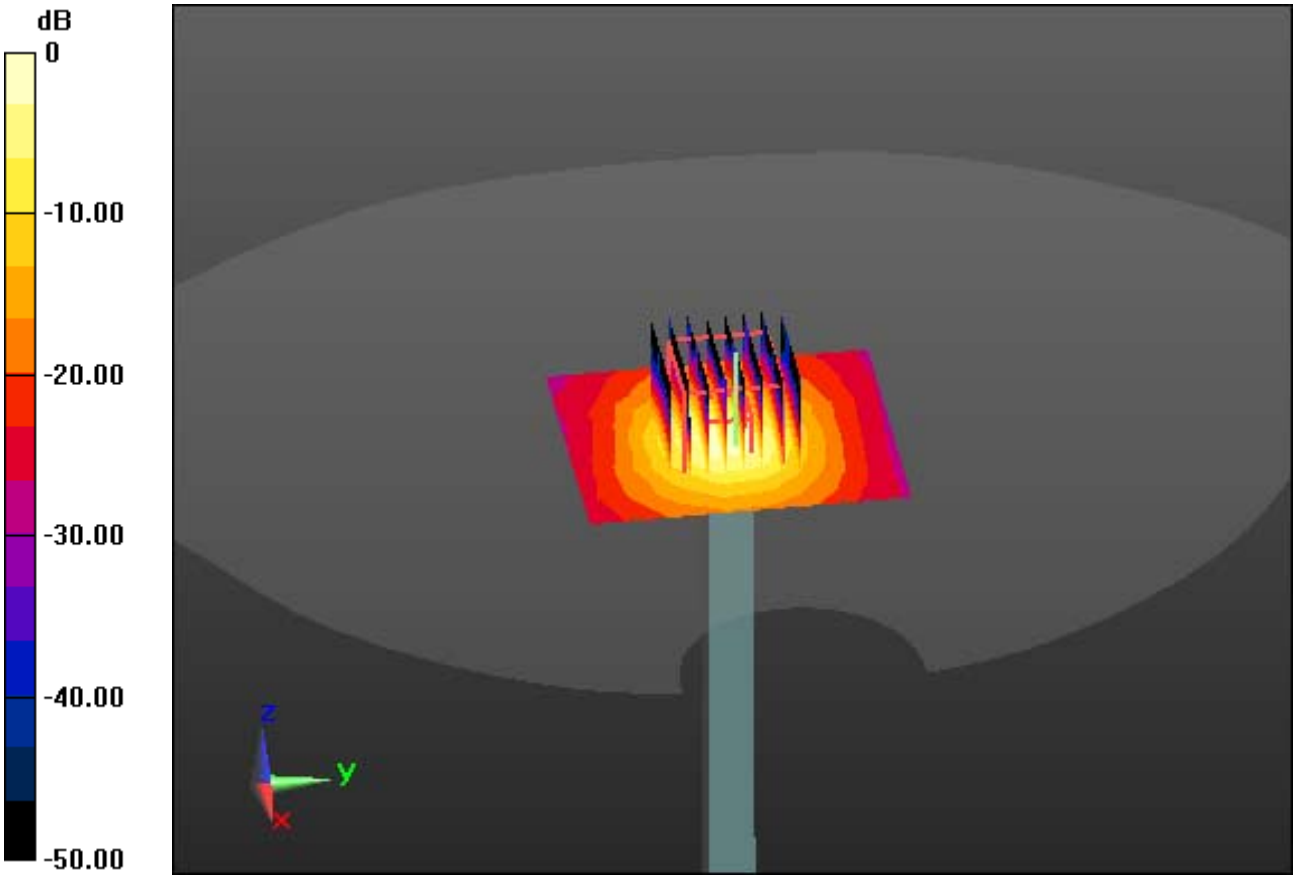
Communication System: UID 0, CW (0); Frequency: 5800 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5800 MHz; σ = 6.158 S/m; ε_r = 46.423; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(4.16, 4.16, 4.16); Calibrated: 2018-05-31; Electronics: DAE4 Sn1396
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-07-03; Ambient Temp: 22.2; Tissue Temp: 22.5

5800 MHz System Body Verification

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 = -0.09 dB
Peak SAR (extrapolated) = 32.4 W/kg
SAR(1 g) = 7.68 W/kg; SAR(10 g) = 2.07 W/kg



0 dB = 17.6 W/kg

DT&C Co., Ltd.

DUT: i3SYNC Touch 3.0 TX; Type: Dongle

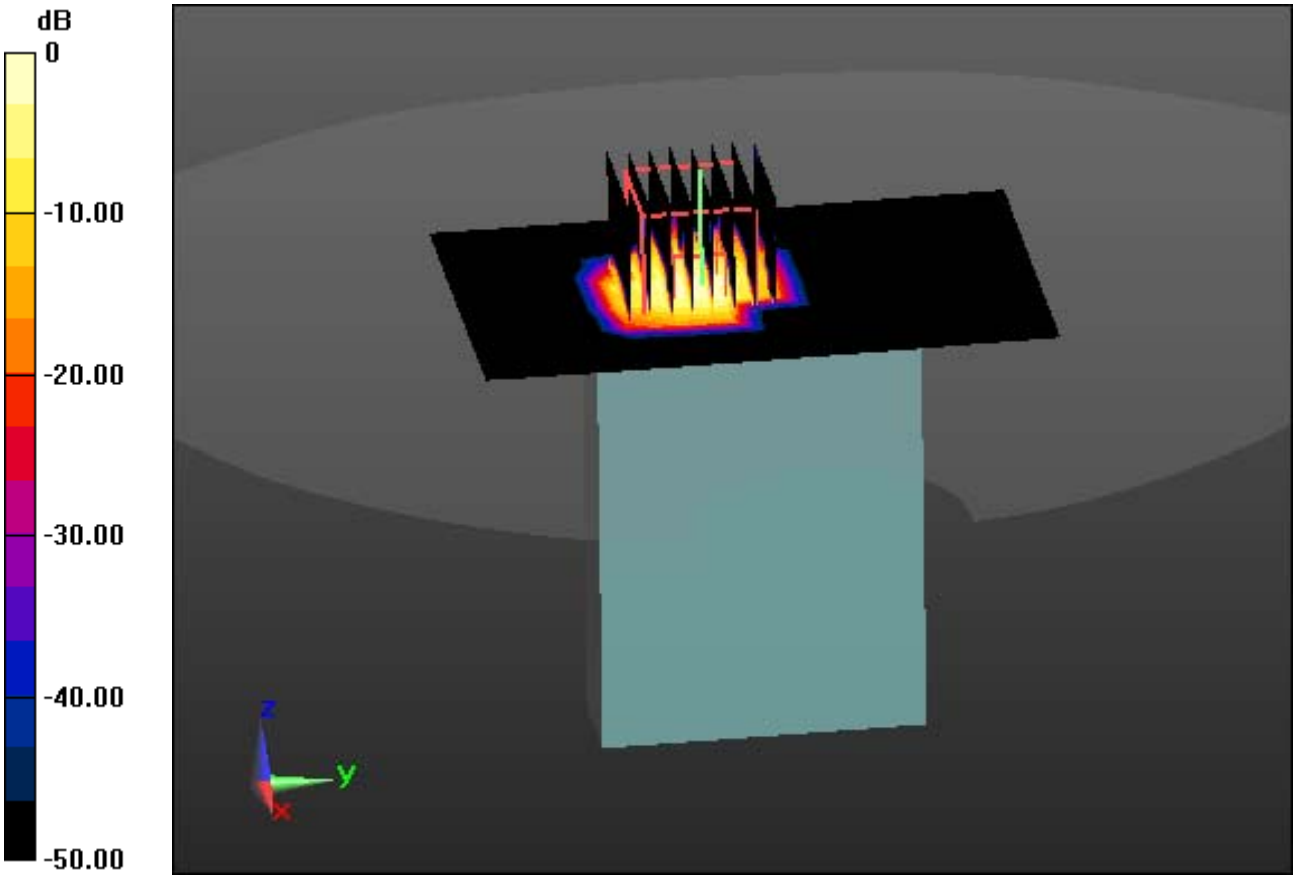
Communication System: UID 0, W-LAN_5200 (0); Frequency: 5200 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5200 MHz; σ = 5.35 S/m; ε_r = 47.758; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(4.69, 4.69, 4.69); Calibrated: 2018-05-31; Electronics: DAE4 Sn1396
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-07-02; Ambient Temp: 21.8; Tissue Temp: 22.1

0.5 cm space from Body, Top, W-LAN(802.11n HT20) Ch. 40, Ant Internal

Area Scan (8x12x1): 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 = 0.14 dB
Peak SAR (extrapolated) = 0.639 W/kg
SAR(1 g) = 0.155 W/kg; SAR(10 g) = 0.039 W/kg



0 dB = 0.412 W/kg

DT&C Co., Ltd.

DUT: i3SYNC Touch 3.0 TX; Type: Dongle

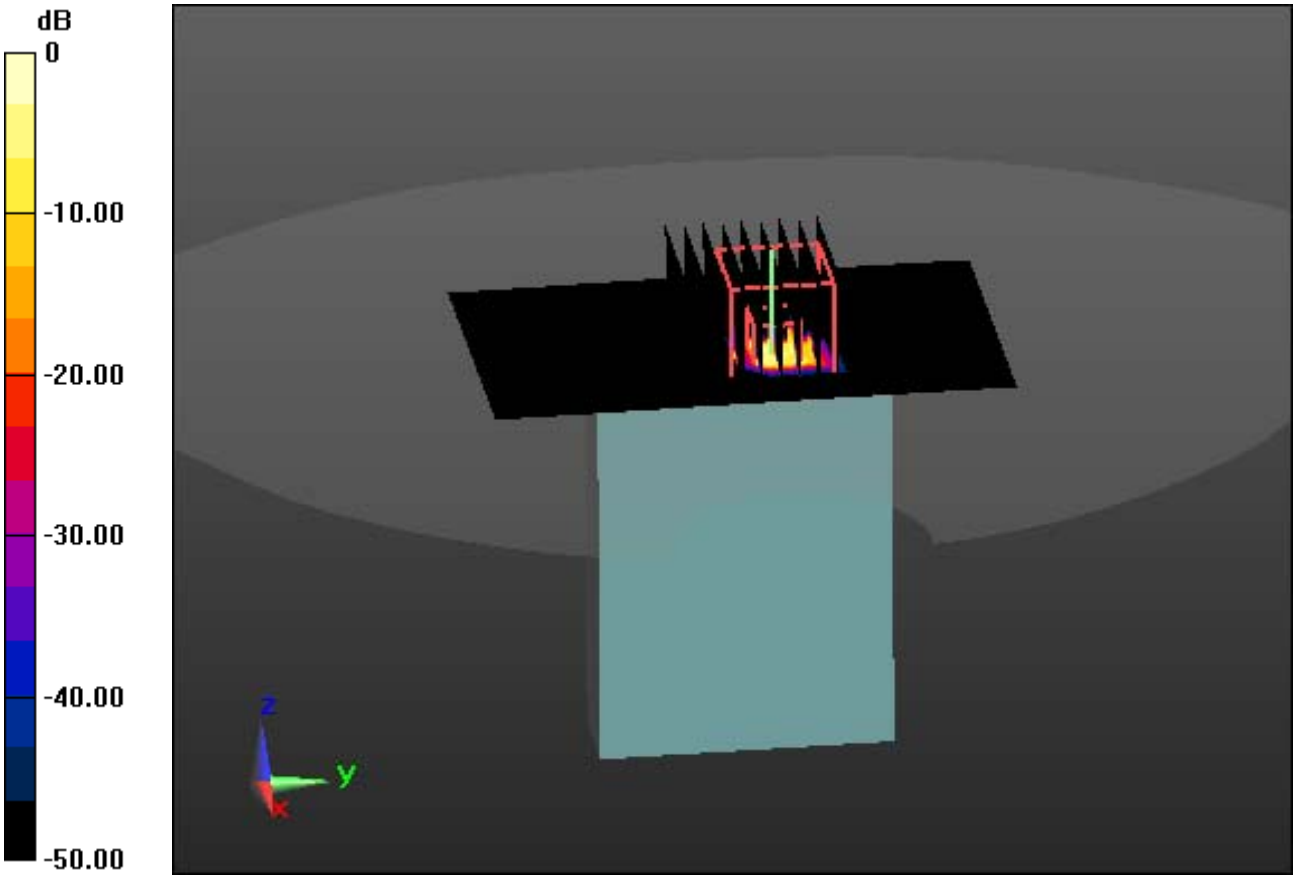
Communication System: UID 0, W-LAN_5800 (0); Frequency: 5745 MHz;Duty Cycle: 1:1
Medium parameters used: f = 5745 MHz; σ = 6.081 S/m; ε_r = 46.548; ρ = 1000 kg/m^3
Phantom section: Flat Section

DASY5 Configuration:
Probe: EX3DV4 - SN3866; ConvF(4.16, 4.16, 4.16); Calibrated: 2018-05-31; Electronics: DAE4 Sn1396
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: Twin-SAM V5.0 ; Type: QD 000 P40 CD; Serial: 1679
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2018-07-03; Ambient Temp: 22.2; Tissue Temp: 22.5

0.5 cm space from Body, Top, W-LAN(802.11n HT20) Ch. 149, Ant Internal

Area Scan (8x12x1): 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 = 0.00 dB
Peak SAR (extrapolated) = 0.423 W/kg
SAR(1 g) = 0.028 W/kg; SAR(10 g) = 0.00385 W/kg



0 dB = 0.133 W/kg