

SAR Plots

- Verification Plots
- SAR Test Plots

DT&C Co., Ltd.

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; $\sigma = 1.932$ S/m; $\epsilon_r = 51.176$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.56, 7.56, 7.56); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1166
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-11-01; Ambient Temp: 20.7; Tissue Temp: 21.2

2450 MHz System Verification

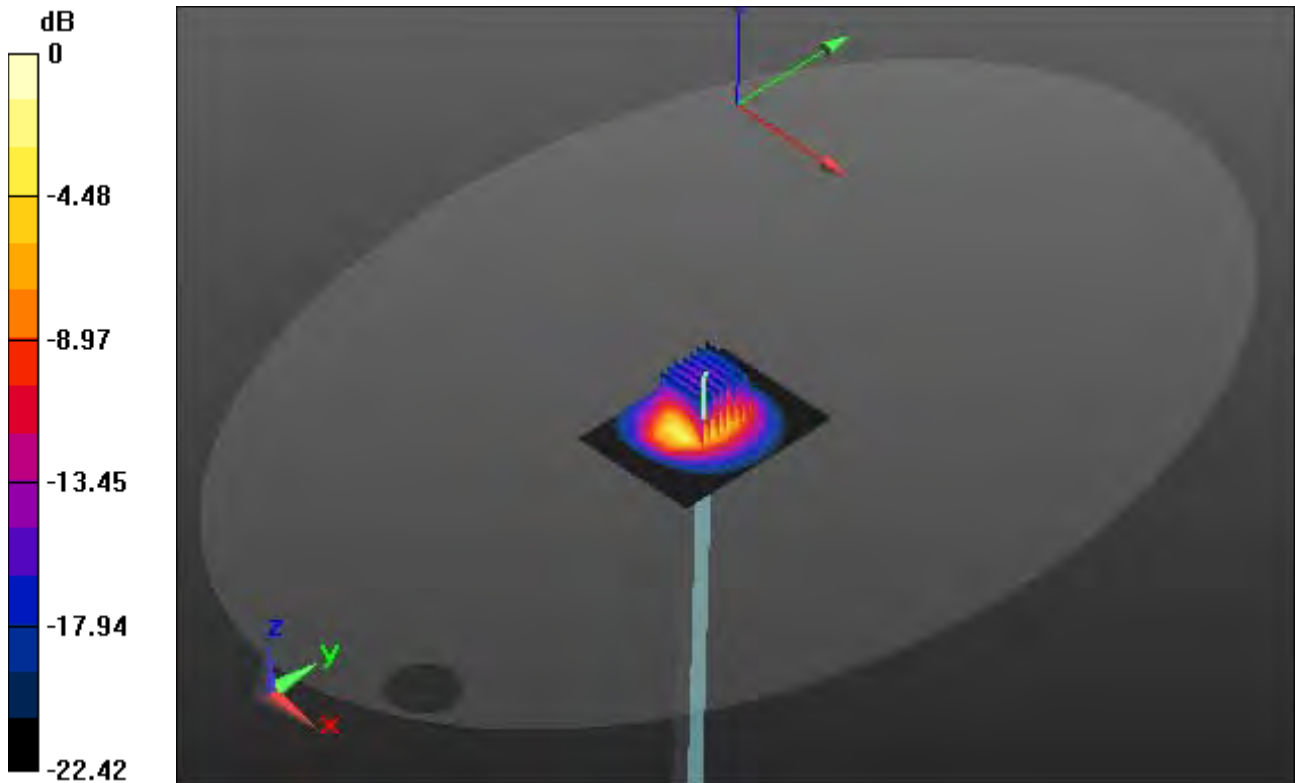
Area Scan (7x9x1): Measurement grid: dx=12mm, dy=12mm

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Power Drift = 0.06 dB

Peak SAR (extrapolated) = 26.5 W/kg

SAR(1 g) = 12.8 W/kg; SAR(10 g) = 5.89 W/kg



0 dB = 18.2 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; $\sigma = 5.479$ S/m; $\epsilon_r = 48.34$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.78, 4.78, 4.78); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1166
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-11-06; Ambient Temp: 21.0; Tissue Temp: 21.3

5300 MHz System Verification

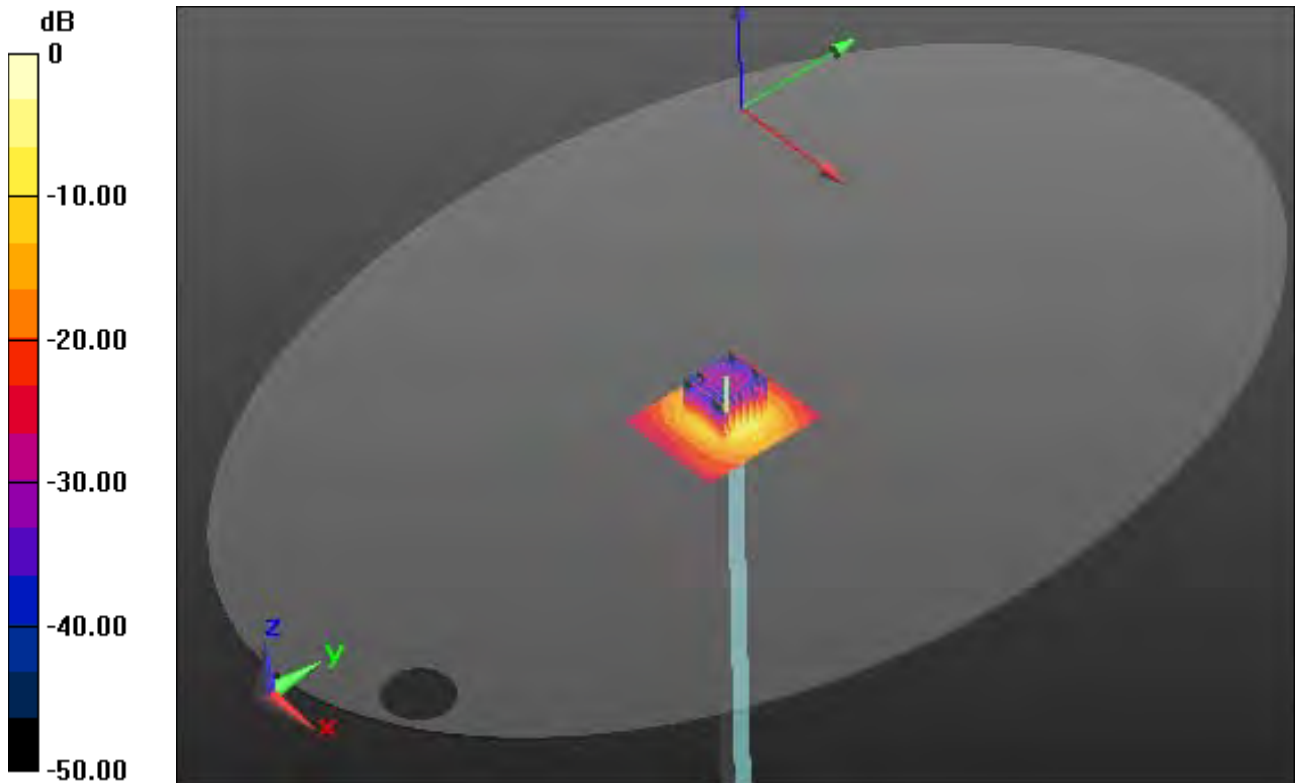
Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4

Power Drift = -0.01 dB

Peak SAR (extrapolated) = 32.6 W/kg

SAR(1 g) = 7.86 W/kg; SAR(10 g) = 2.18 W/kg



0 dB = 17.5 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; $\sigma = 5.787$ S/m; $\epsilon_r = 47.928$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.21, 4.21, 4.21); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1166
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-11-07; Ambient Temp: 20.9; Tissue Temp: 21.2

5500 MHz System Verification

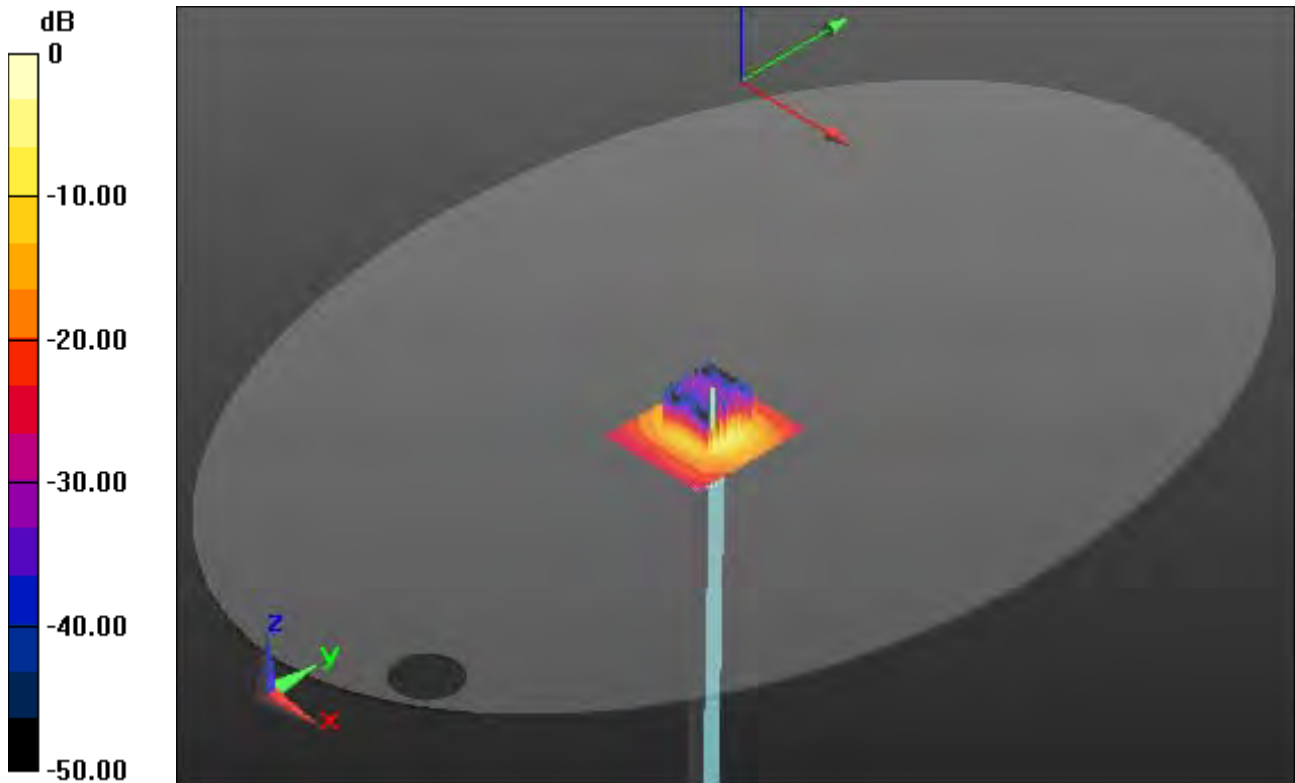
Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4

Power Drift = -0.06 dB

Peak SAR (extrapolated) = 36.2 W/kg

SAR(1 g) = 8.42 W/kg; SAR(10 g) = 2.28 W/kg



0 dB = 17.8 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; $\sigma = 5.928$ S/m; $\epsilon_r = 47.715$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.03, 4.03, 4.03); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392
Sensor-Surface: 1.4mm (Mechanical Surface Detection)
Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1166
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-11-07; Ambient Temp: 20.9; Tissue Temp: 21.2

5600 MHz System Verification

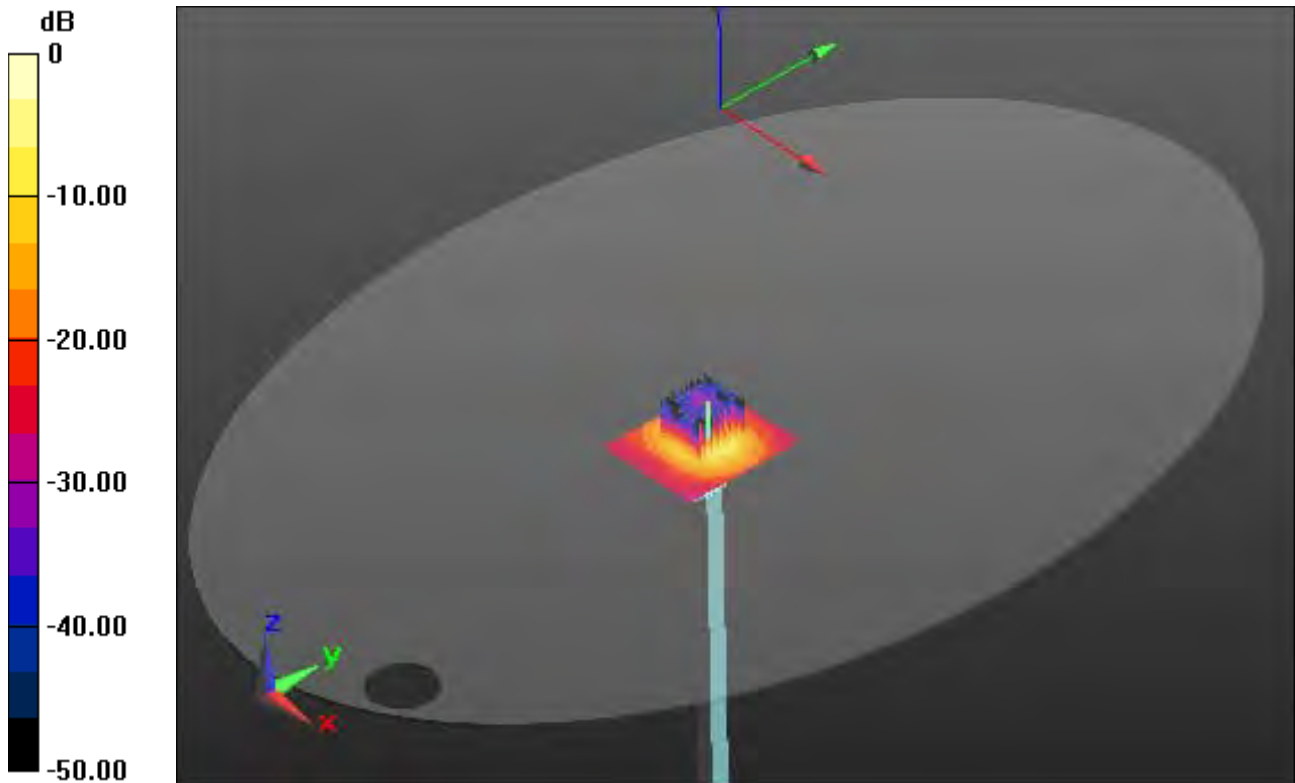
Area Scan (7x8x1): Measurement grid: dx=10mm, dy=10mm

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) = 31.0 W/kg

SAR(1 g) = 8.41 W/kg; SAR(10 g) = 2.35 W/kg



0 dB = 17.3 W/kg

DT&C Co., Ltd.

DUT: FA51; Type: Tablet

Communication System: UID 0, W-LAN (0); Frequency: 2437 MHz; Duty Cycle: 1:1
Medium parameters used: $f = 2437$ MHz; $\sigma = 1.917$ S/m; $\epsilon_r = 51.207$; $\rho = 1000$ kg/m³
Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(7.56, 7.56, 7.56); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392
Sensor-Surface: 2mm (Mechanical Surface Detection)
Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1166
Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-11-01; Ambient Temp: 20.7; Tissue Temp: 21.2

Touch from Body, Rear, WLAN(2.4G 802.11b) Ch. 6, Ant Internal

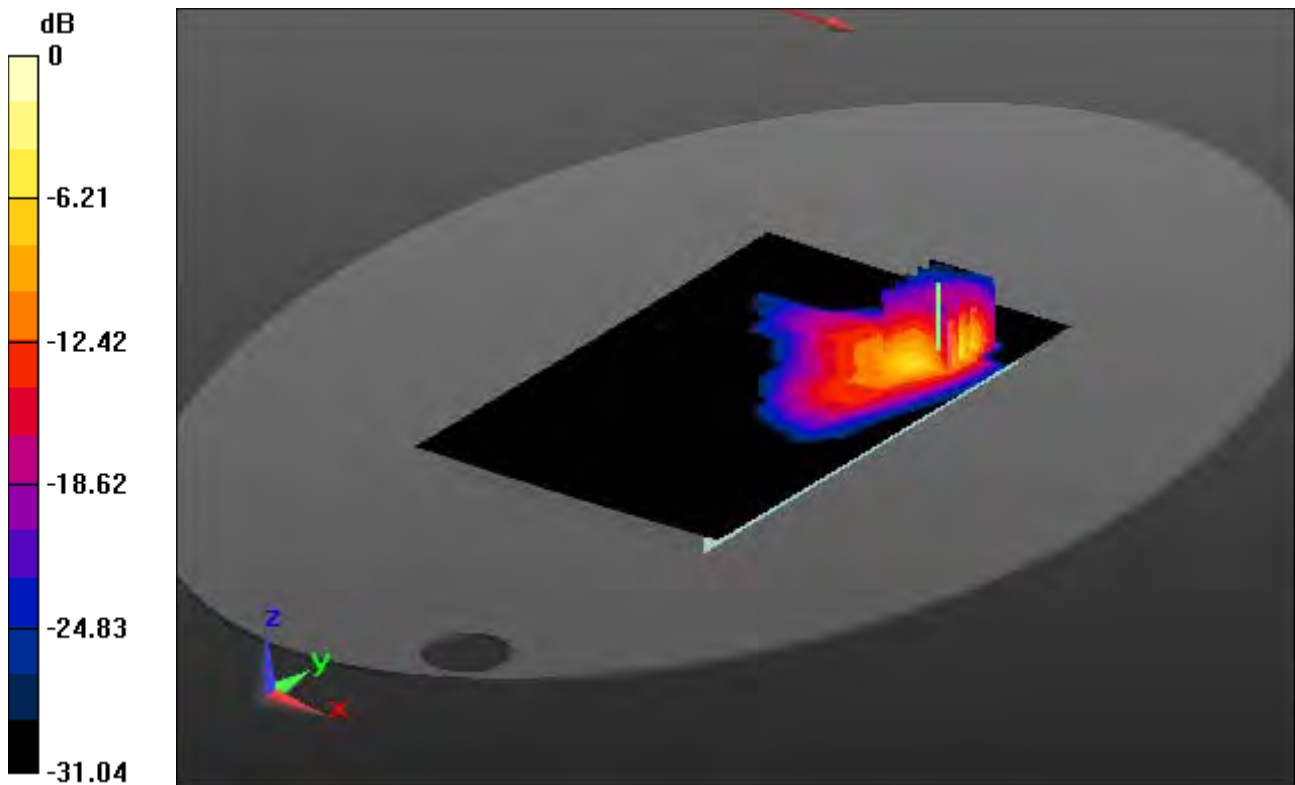
Area Scan (14x21x1): Measurement grid: dx=12mm, dy=12mm

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Power Drift = -0.05 dB

Peak SAR (extrapolated) = 1.37 W/kg

SAR(1 g) = 0.570 W/kg; SAR(10 g) = 0.216 W/kg



0 dB = 0.957 W/kg

DT&C Co., Ltd.

DUT: FA51; Type: Tablet

Communication System: UID 0, W-LAN(5G) (0); Frequency: 5260 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5260 \text{ MHz}$; $\sigma = 5.417 \text{ S/m}$; $\epsilon_r = 48.392$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.78, 4.78, 4.78); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1166

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-11-06; Ambient Temp: 21.0; Tissue Temp: 21.3

Touch from Body, Rear, WLAN(5.3G 802.11a) Ch. 52, Ant Internal

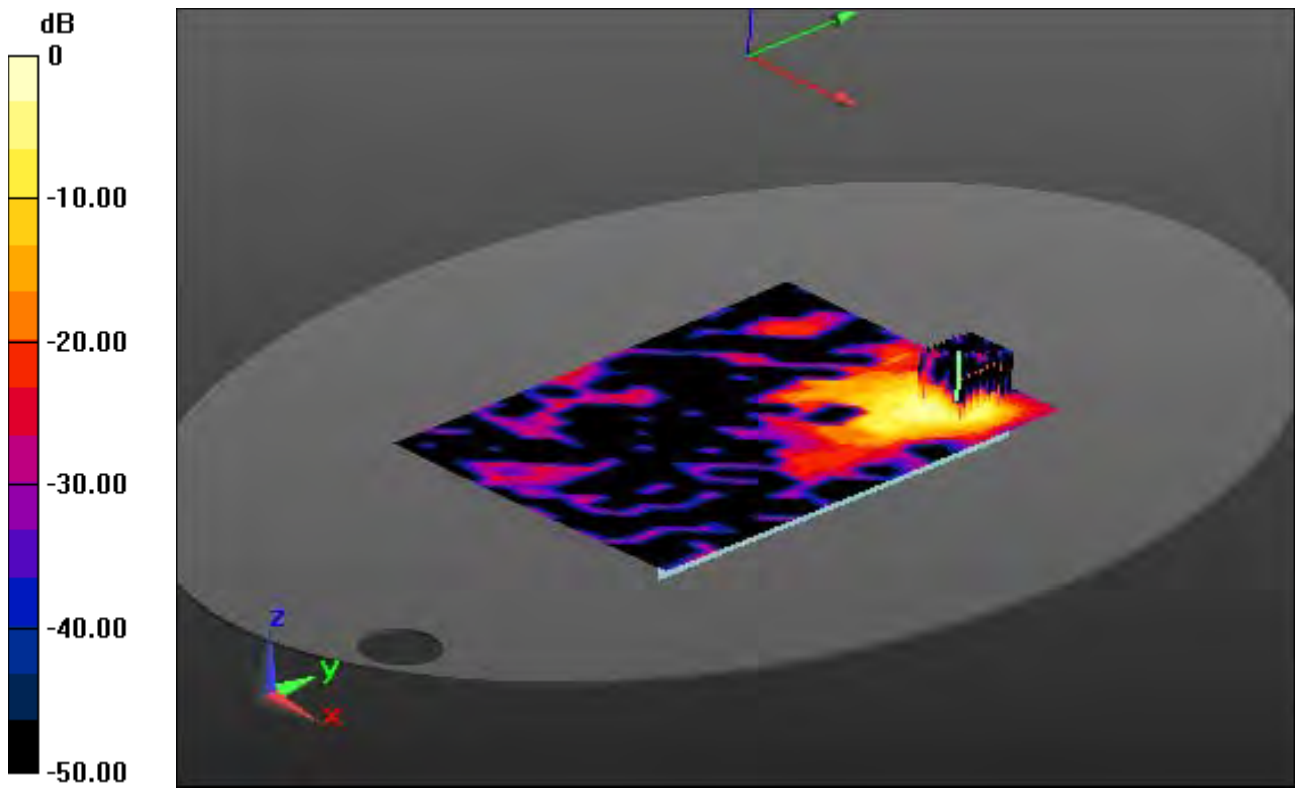
Area Scan (17x25x1): Measurement grid: $dx=10\text{mm}$, $dy=10\text{mm}$

Zoom Scan (8x8x7)/Cube 0: Measurement grid: $dx=4\text{mm}$, $dy=4\text{mm}$, $dz=1.4\text{mm}$, Graded Ratio: 1.4

Power Drift = 0.13 dB

Peak SAR (extrapolated) = 1.93 W/kg

SAR(1 g) = 0.420 W/kg; SAR(10 g) = 0.138 W/kg



0 dB = 1.06 W/kg

DT&C Co., Ltd.

DUT: FA51; Type: Tablet

Communication System: UID 0, W-LAN(5G) (0); Frequency: 5500 MHz; Duty Cycle: 1:1

Medium parameters used: $f = 5500$ MHz; $\sigma = 5.787$ S/m; $\epsilon_r = 47.928$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY5 Configuration:

Probe: EX3DV4 - SN3866; ConvF(4.21, 4.21, 4.21); Calibrated: 5/31/2017; Electronics: DAE4 Sn1392

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1166

Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Test Date: 2017-11-07; Ambient Temp: 20.9; Tissue Temp: 21.2

Touch from Body, Rear, WLAN(5.6G 802.11a) Ch. 100, Ant Internal

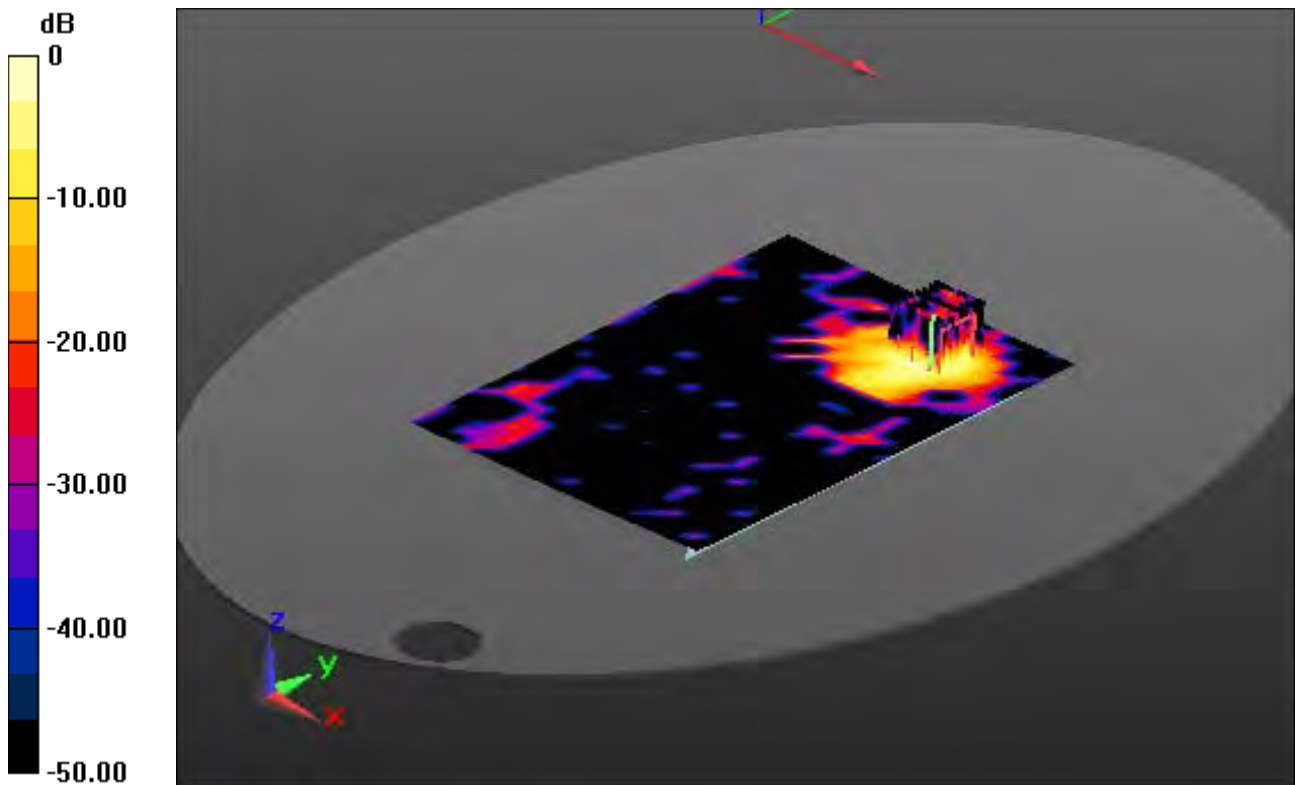
Area Scan (17x25x1): Measurement grid: dx=10mm, dy=10mm

Zoom Scan (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm, Graded Ratio: 1.4

Power Drift = 0.00 dB

Peak SAR (extrapolated) = 1.45 W/kg

SAR(1 g) = 0.279 W/kg; SAR(10 g) = 0.083 W/kg



0 dB = 0.808 W/kg