11.4.4 TEST GRAPH RESULTS:

Test Laboratory: EMTEK (Shenzhen) Co.,Ltd. Date/Time: 19.12.2016

01-WLAN 2.4GHz-802.11b-1Mbps-Bottom-0cm-Ch6

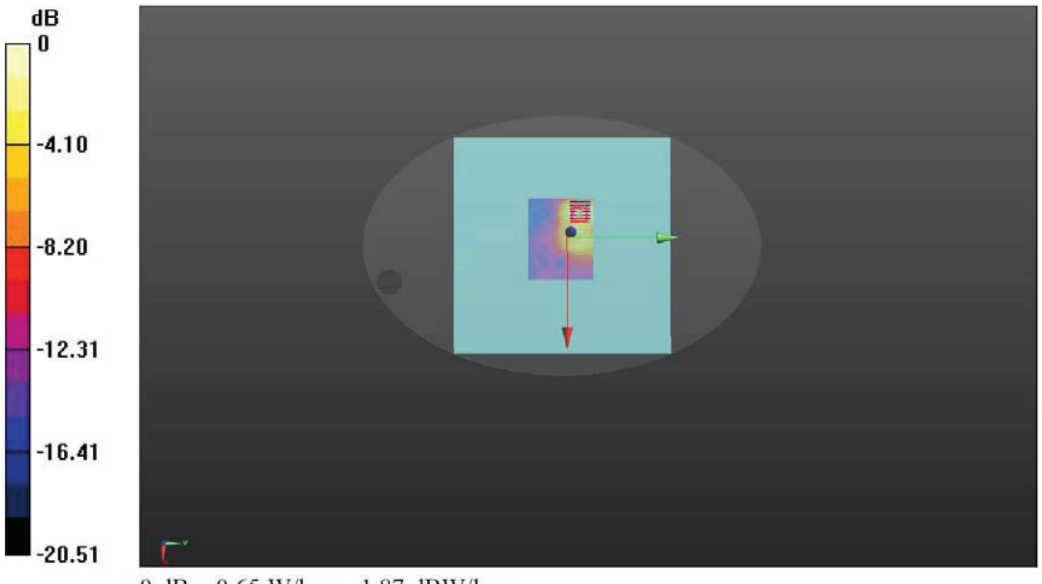
Communication System: UID 0, WIFI (0); Frequency: 2437 MHz;Duty Cycle: 1:1
Medium: MSL_2450_1219
Medium parameters used: f = 2437 MHz; σ = 1.99 S/m; ε_r = 52.024; ρ = 1000 kg/m^3
Ambient Temperature: 23.3 ℃; Liquid Temperature: 22.6 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3970; ConvF(7.57, 7.57, 7.57); Calibrated: 07.09.2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 05.09.2016
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Ch6/Area Scan (101x81x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.63 W/kg

Configuration/Ch6/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.618 V/m; Power Drift = 0.03 dB
Peak SAR (extrapolated) = 0.85 W/kg
SAR(1 g) = 0.325 W/kg; SAR(10 g) = 0.182 W/kg
Maximum value of SAR (measured) = 0.65 W/kg



0 dB = 0.65 W/kg = -1.87 dBW/kg

Test Laboratory: EMTEK (Shenzhen) Co.,Ltd. Date/Time: 19.12.2016

02-WLAN 2.4GHz-802.11b-1Mbps-Bottom-0cm-Ch1

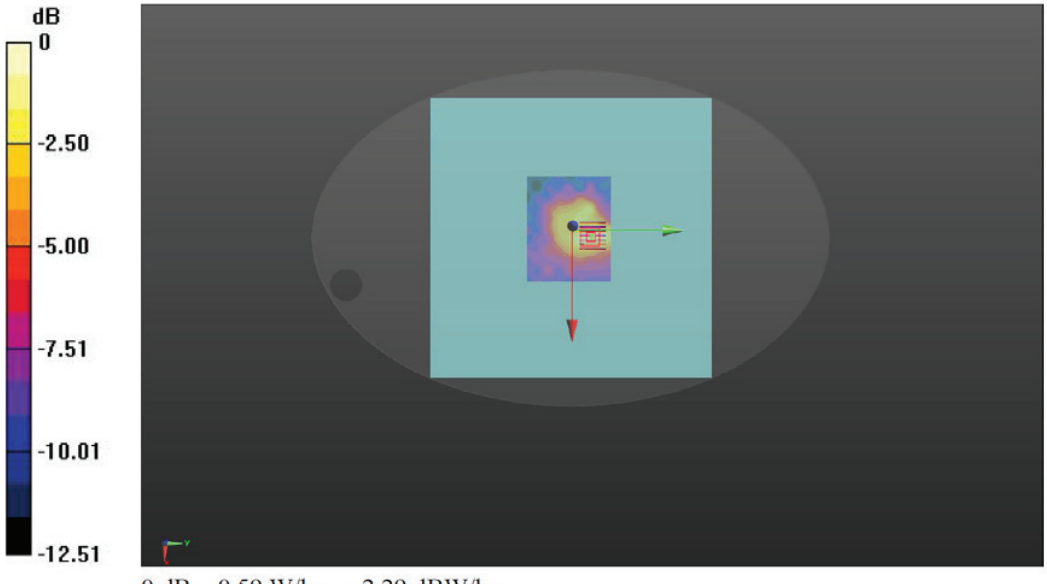
Communication System: UID 0, WIFI (0); Frequency: 2412 MHz;Duty Cycle: 1:1
Medium: MSL_2450_1219
Medium parameters used: f = 2412 MHz; σ = 1.955 S/m; ε_r = 53.065; ρ = 1000 kg/m^3
Ambient Temperature: 23.3 ℃; Liquid Temperature: 22.6 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3970; ConvF(7.57, 7.57, 7.57); Calibrated: 07.09.2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 05.09.2016
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Ch1/Area Scan (101x81x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.58 W/kg

Configuration/Ch1/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.843 V/m; Power Drift = 0.02 dB
Peak SAR (extrapolated) = 0.82 W/kg
SAR(1 g) = 0.306 W/kg; SAR(10 g) = 0.153 W/kg
Maximum value of SAR (measured) = 0.59 W/kg



0 dB = 0.59 W/kg = -2.29 dBW/kg

Test Laboratory: EMTEK (Shenzhen) Co.,Ltd. Date/Time: 19.12.2016

03-WLAN 2.4GHz-802.11b-1Mbps-Bottom-0cm-Ch11

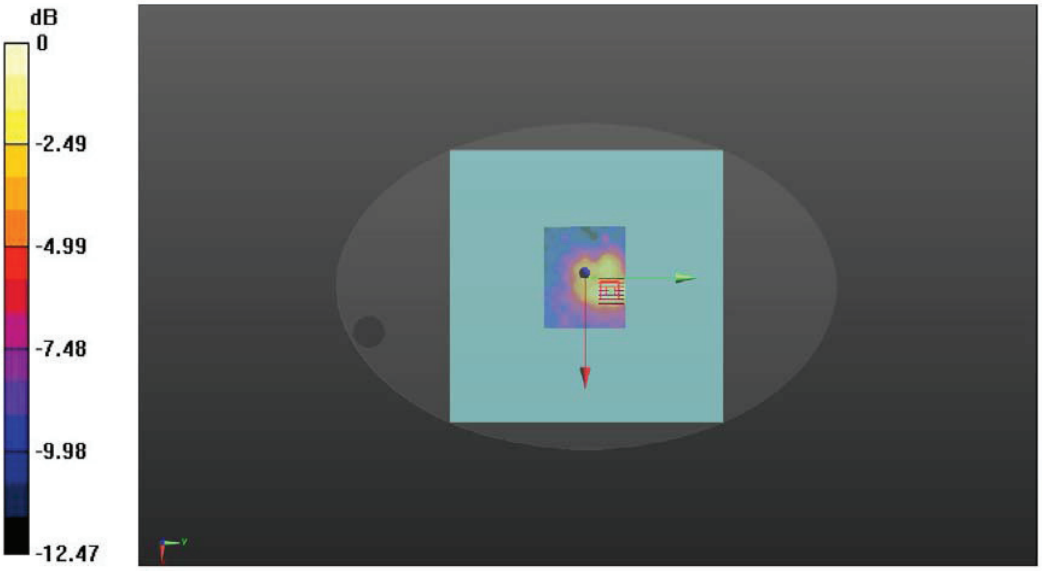
Communication System: UID 0, WIFI (0); Frequency: 2462 MHz;Duty Cycle: 1:1
Medium: MSL_2450_1219
Medium parameters used: f = 2462 MHz; σ = 2.027 S/m; ε_r = 52.941; ρ = 1000 kg/m^3
Ambient Temperature: 23.3 ℃; Liquid Temperature: 22.6 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3970; ConvF(7.57, 7.57, 7.57); Calibrated: 07.09.2016;
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 05.09.2016
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Ch11/Area Scan (101x81x1): Interpolated grid: dx=12mm, dy=12mm
Maximum value of SAR (interpolated) = 0.61 W/kg

Configuration/Ch11/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.307 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 0.85 W/kg
SAR(1 g) = 0.315 W/kg; SAR(10 g) = 0.167 W/kg
Maximum value of SAR (measured) = 0.63 W/kg



0 dB = 0.63 W/kg = -2.01 dBW/kg

Test Laboratory: EMTEK (Shenzhen) Co.,Ltd. Date/Time: 15.12.2016

05-WLAN 5GHz Band I-802.11a 6Mbps-Bottom-0cm-Ch48

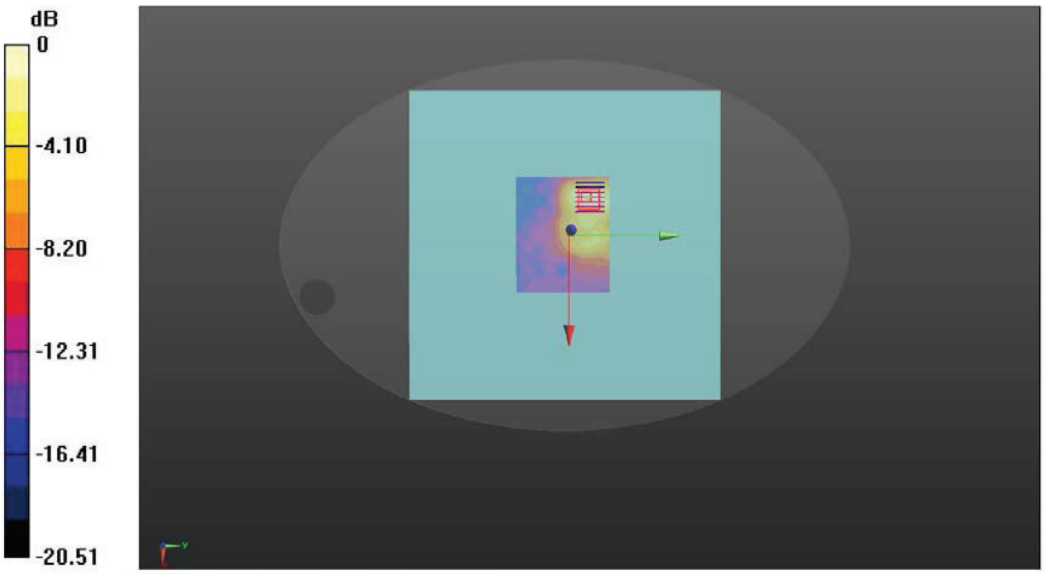
Communication System: UID 0, WIFI (0); Frequency: 5240 MHz;Duty Cycle: 1:1
Medium: MSL_5G_161215
Medium parameters used: f = 5240 MHz; σ = 5.152 S/m; ε_r = 51.079; ρ = 1000 kg/m^3
Ambient Temperature: 23.2 °C; Liquid Temperature: 22.7 °C

DASY Configuration:

- Probe: EX3DV4 - SN3970; ConvF(4.94, 4.94, 4.94); Calibrated: 07.09.2016;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 05.09.2016
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Ch48/Area Scan (101x81x1): Interpolated grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.489 W/kg

Configuration/Ch48/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.215 V/m; Power Drift = 0.05 dB
Peak SAR (extrapolated) = 1.28 W/kg
SAR(1 g) = 0.275 W/kg; SAR(10 g) = 0.128 W/kg
Maximum value of SAR (measured) = 0.490 W/kg



0 dB = 0.490 W/kg = -3.10 dBW/kg

Test Laboratory: EMTEK (Shenzhen) Co.,Ltd. Date/Time: 15.12.2016

06-WLAN 5GHz Band I-802.11a 6Mbps-Bottom-0cm-Ch40

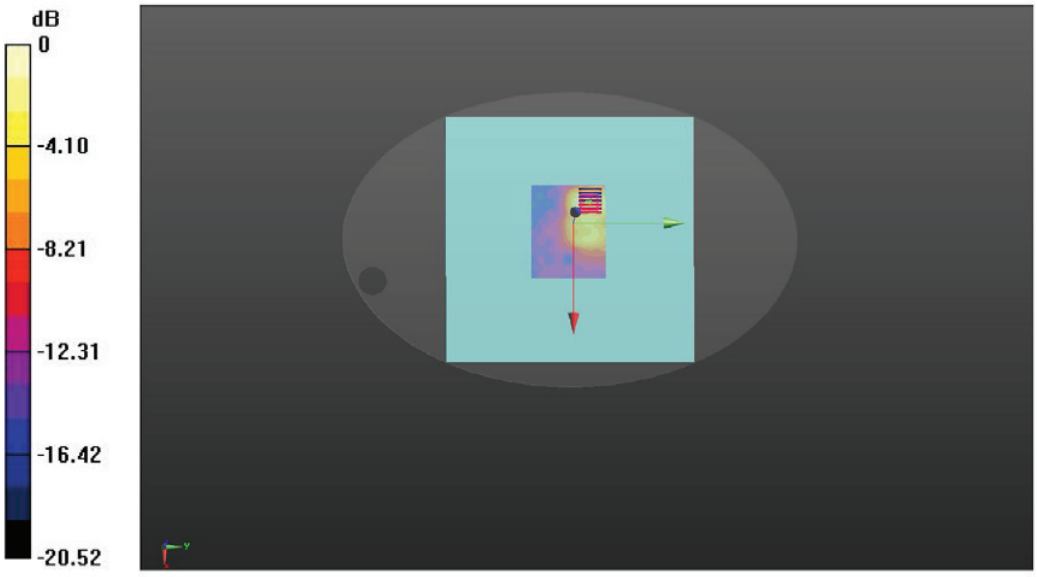
Communication System: UID 0, WIFI (0); Frequency: 5200 MHz;Duty Cycle: 1:1
Medium: MSL_5G_161215
Medium parameters used: f = 5200 MHz; σ = 5.182 S/m; ε_r = 51.045; ρ = 1000 kg/m^3
Ambient Temperature: 23.2 ℃; Liquid Temperature: 22.7 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3970; ConvF(4.94, 4.94, 4.94); Calibrated: 07.09.2016;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 05.09.2016
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Ch40/Area Scan (101x81x1): Interpolated grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.503 W/kg

Configuration/Ch40/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.183 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.26 W/kg
SAR(1 g) = 0.294 W/kg; SAR(10 g) = 0.131 W/kg
Maximum value of SAR (measured) = 0.509 W/kg



0 dB = 0.509 W/kg = -2.93 dBW/kg

Test Laboratory: EMTEK (Shenzhen) Co.,Ltd. Date/Time: 14.12.2016

07-WLAN 5GHz Band II-802.11a 6Mbps-Bottom-0cm-Ch64

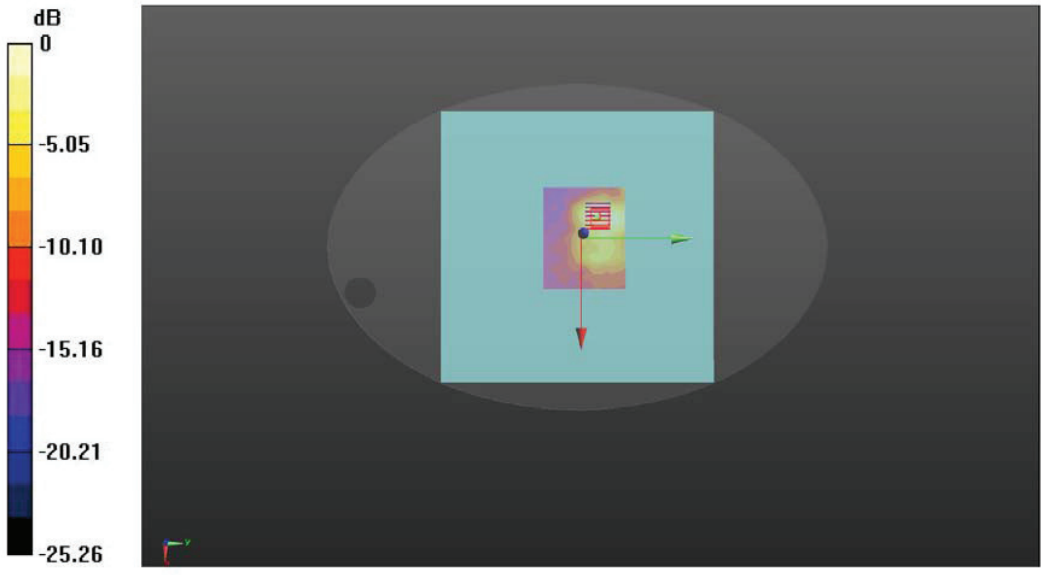
Communication System: UID 0, WIFI (0); Frequency: 5320 MHz;Duty Cycle: 1:1
Medium: MSL_5G_161214
Medium parameters used: f = 5320 MHz; σ = 5.406 S/m; ε_r = 50.828; ρ = 1000 kg/m^3
Ambient Temperature: 23.2 ℃; Liquid Temperature: 22.7 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3970; ConvF(4.75, 4.75, 4.75); Calibrated: 07.09.2016;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 05.09.2016
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Ch64/Area Scan (101x81x1): Interpolated grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.611 W/kg

Configuration/Ch64/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.305 V/m; Power Drift = 0.09 dB
Peak SAR (extrapolated) = 1.88 W/kg
SAR(1 g) = 0.349 W/kg; SAR(10 g) = 0.152 W/kg
Maximum value of SAR (measured) = 0.589 W/kg



0 dB = 0.589 W/kg = -2.30 dBW/kg

Test Laboratory: EMTEK (Shenzhen) Co.,Ltd.

Date/ Time: 14.12.2016

09-WLAN 5GHz Band II-802.11a 6Mbps-Bottom-0cm-Ch56

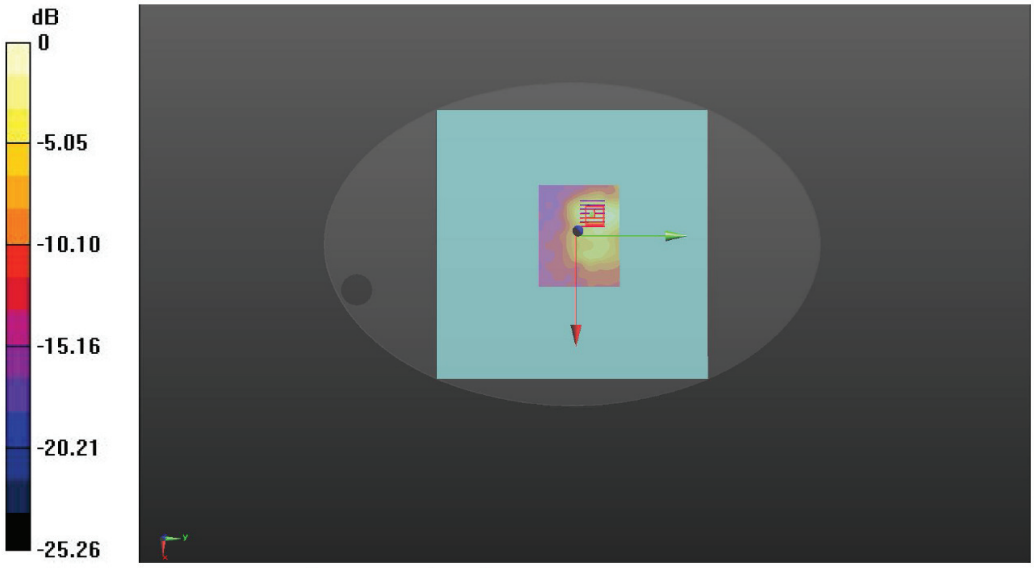
Communication System: UID 0, WIFI (0); Frequency: 5280 MHz;Duty Cycle: 1:1
Medium: MSL_5G_161214
Medium parameters used: f = 5280 MHz; σ = 5.479 S/m; ε_r = 50.853; ρ = 1000 kg/m^3
Ambient Temperature: 23.2 ℃; Liquid Temperature: 22.7 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3970; ConvF(4.75, 4.75, 4.75); Calibrated: 07.09.2016;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 05.09.2016
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Ch56/Area Scan (101x81x1): Interpolated grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.623 W/kg

Configuration/Ch56/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.518 V/m; Power Drift = 0.06 dB
Peak SAR (extrapolated) = 1.94 W/kg
SAR(1 g) = 0.356 W/kg; SAR(10 g) = 0.163 W/kg
Maximum value of SAR (measured) = 0.596 W/kg



0 dB = 0.596 W/kg = -2.25 dBW/kg

Test Laboratory: EMTEK (Shenzhen) Co.,Ltd. Date/Time: 14.12.2016

10-WLAN 5GHz Band III-802.11a 6Mbps-Bottom-0cm-Ch120

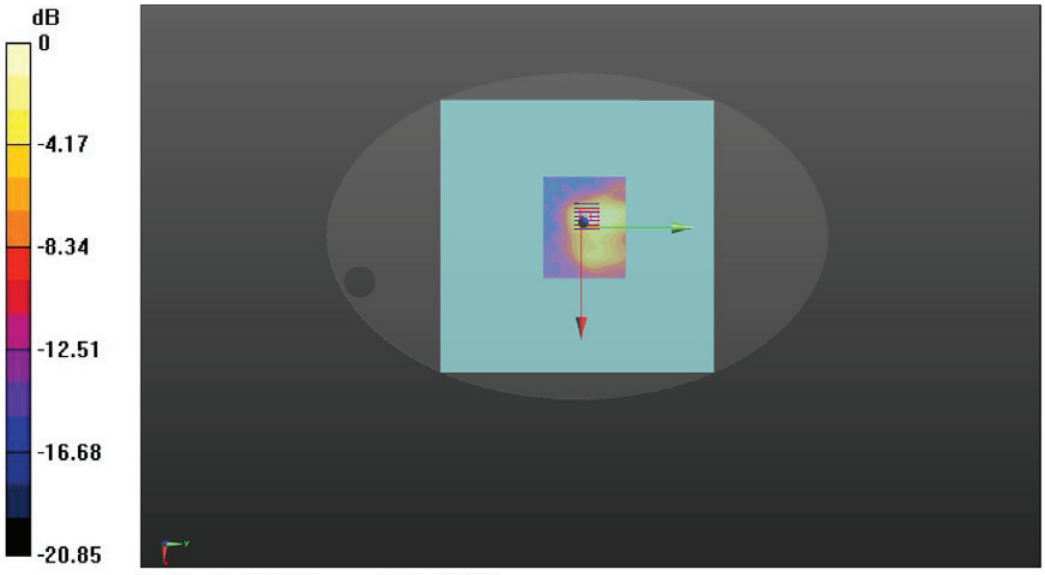
Communication System: UID 0, WIFI (0); Frequency: 5600 MHz;Duty Cycle: 1:1
Medium: MSL_5G_161214
Medium parameters used: f = 5600 MHz; σ = 5.844 S/m; ε_r = 50.283; ρ = 1000 kg/m^3
Ambient Temperature: 23.2 ℃; Liquid Temperature: 22.8 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3970; ConvF(4.22, 4.22, 4.22); Calibrated: 07.09.2016;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 05.09.2016
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Ch120/Area Scan (101x81x1): Interpolated grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.663 W/kg

Configuration/Ch120/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 3.124 V/m; Power Drift = 0.08 dB
Peak SAR (extrapolated) = 1.64 W/kg
SAR(1 g) = 0.329 W/kg; SAR(10 g) = 0.134 W/kg
Maximum value of SAR (measured) = 0.670 W/kg



0 dB = 0.670 W/kg = -1.74 dBW/kg

Test Laboratory: EMTEK (Shenzhen) Co.,Ltd. Date/Time: 15.12.2016

12-WLAN 5GHz Band IIII-802.11a 6Mbps-Bottom-0cm-Ch149

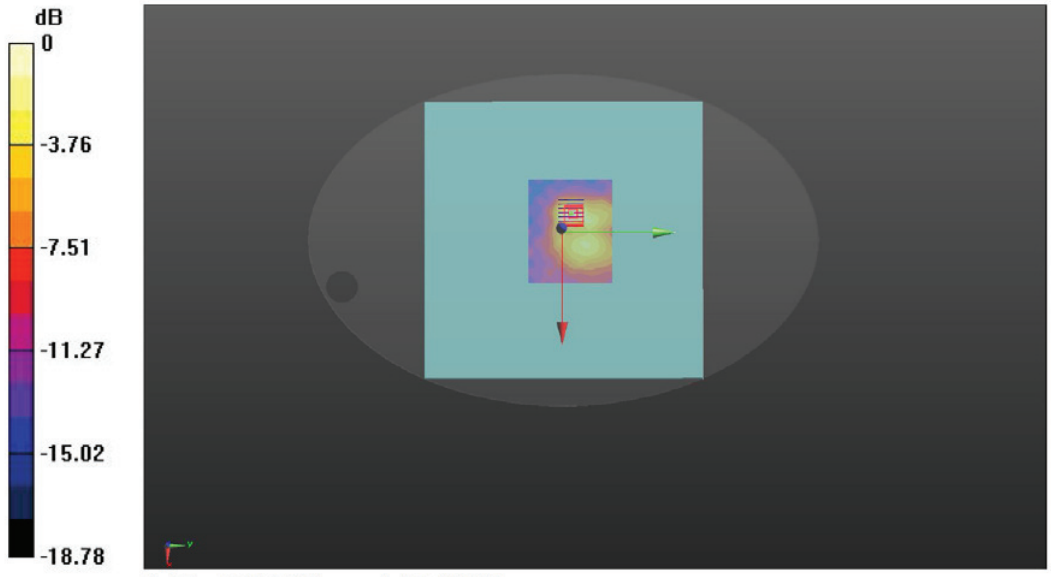
Communication System: UID 0, WIFI (0); Frequency: 5745 MHz;Duty Cycle: 1:1
Medium: MSL_5G_161215
Medium parameters used: f = 5745 MHz; σ = 6.076 S/m; ε_r = 50.041; ρ = 1000 kg/m^3
Ambient Temperature: 23.2 ℃; Liquid Temperature: 22.6 ℃

DASY Configuration:

- Probe: EX3DV4 - SN3970; ConvF(4.34, 4.34, 4.34); Calibrated: 07.09.2016;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1418; Calibrated: 05.09.2016
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: TP:1231
- DASY52 52.8.7(1137); SEMCAD X 14.6.10(7164)

Configuration/Ch149/Area Scan (101x81x1): Interpolated grid: dx=10mm, dy=10mm
Maximum value of SAR (interpolated) = 0.421 W/kg

Configuration/Ch149/Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm
Reference Value = 4.035 V/m; Power Drift = 0.07 dB
Peak SAR (extrapolated) = 1.29 W/kg
SAR(1 g) = 0.231 W/kg; SAR(10 g) = 0.106 W/kg
Maximum value of SAR (measured) = 0.386 W/kg



0 dB = 0.386 W/kg = -4.13 dBW/kg