

4789114486-SAR-344-2 S540 2.4GHz Wi-Fi 802.11b 6CH bottom surface 0mm-QCNFA344A-ICT-Aux

Communication System: UID 0, 2.45GHz Wi-Fi (0); Communication System Band: ISM 2.4GHz; Frequency: 2437 MHz;

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.77$ S/m; $\epsilon_r = 40.145$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7383; ConvF(7.72, 7.72, 7.72); Calibrated: 2018/12/19;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE3 Sn427; Calibrated: 2018/12/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1235
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (6x11x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.746 W/kg

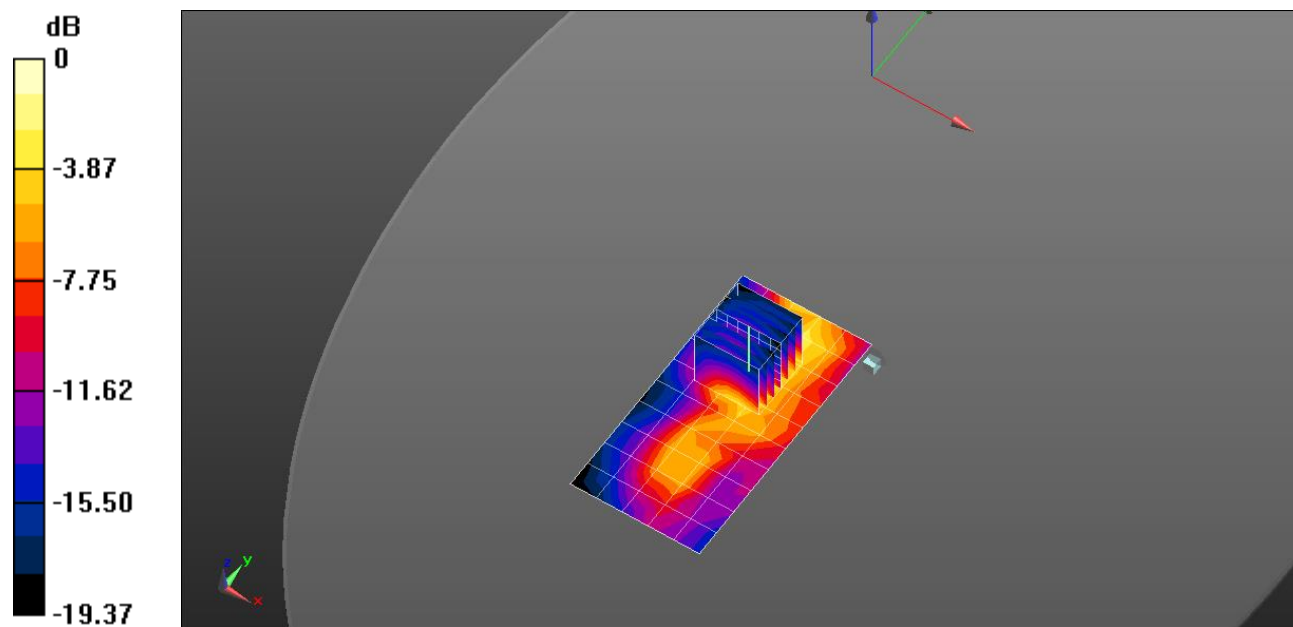
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 6.246 V/m; Power Drift = 0.11 dB

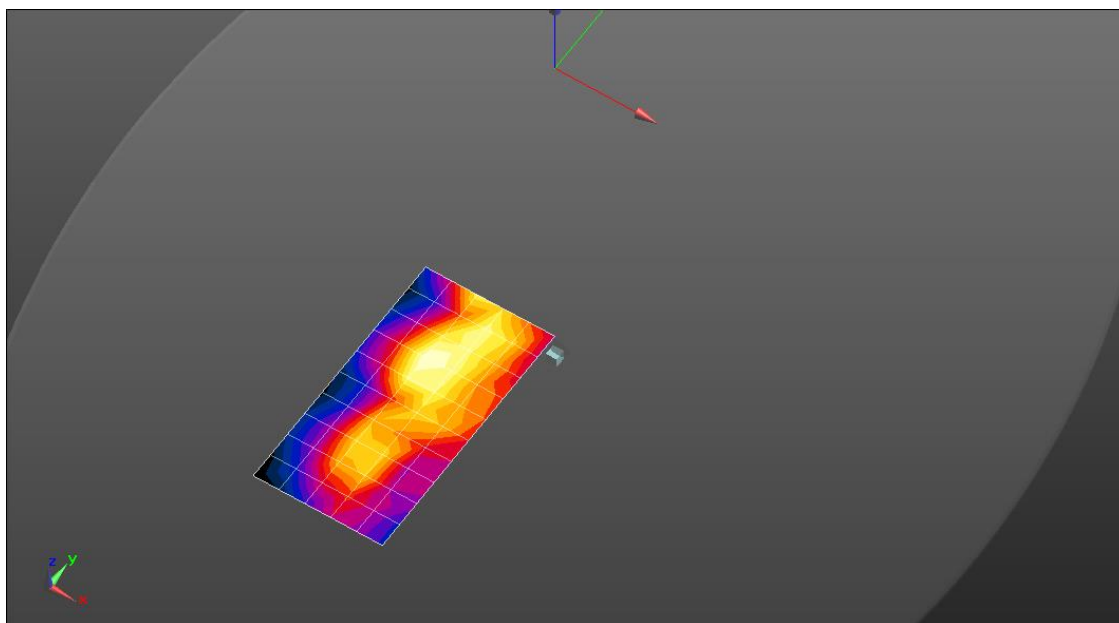
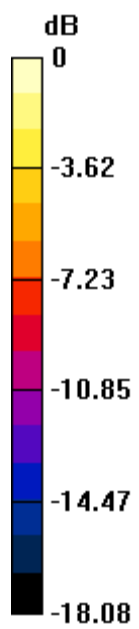
Peak SAR (extrapolated) = 1.73 W/kg

SAR(1 g) = 0.752 W/kg; SAR(10 g) = 0.311 W/kg

Maximum value of SAR (measured) = 0.992 W/kg



0 dB = 0.992 W/kg = -0.03 dBW/kg



4789114486-SAR-344-2 S540 2.4GHz Wi-Fi 802.11b 6CH bottom surface 0mm-QCNFA344A-SPD-Main

Communication System: UID 0, 2.45GHz Wi-Fi (0); Communication System Band: ISM 2.4GHz; Frequency: 2437 MHz;

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.77$ S/m; $\epsilon_r = 40.145$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7383; ConvF(7.72, 7.72, 7.72); Calibrated: 2018/12/19;
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0, 31.0$
- Electronics: DAE3 Sn427; Calibrated: 2018/12/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1235
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (6x11x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.680 W/kg

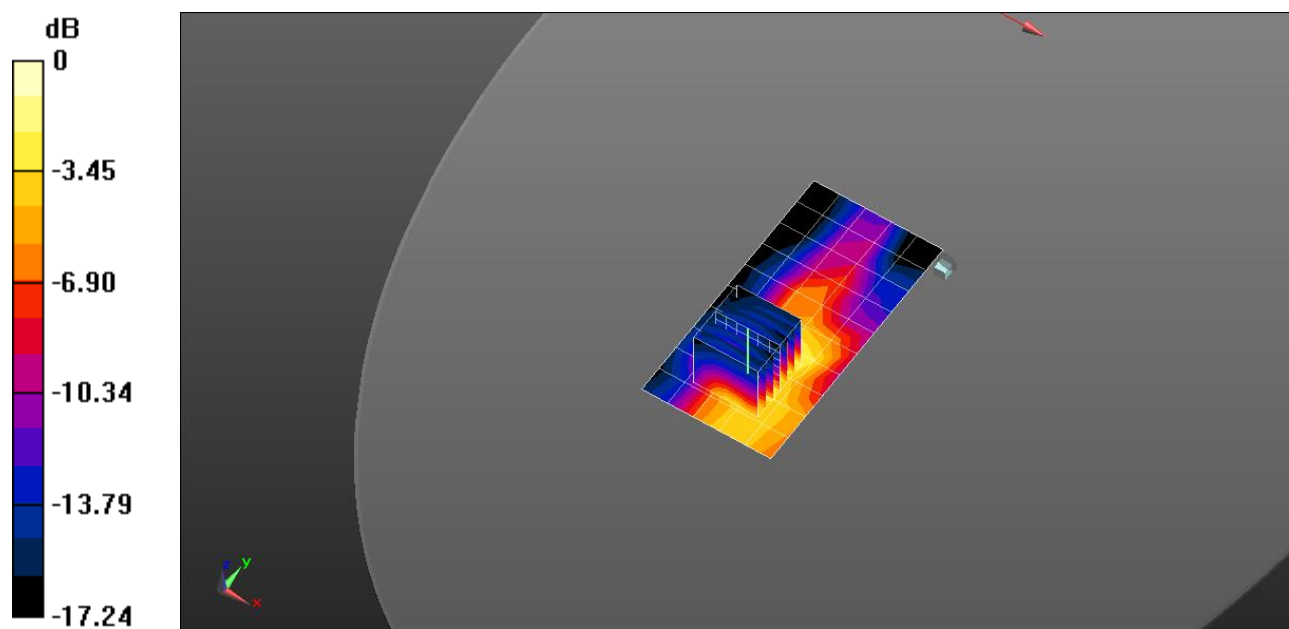
Configuration/Body/Zoom Scan (7x7x7)/Cube 0: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 3.122 V/m; Power Drift = 0.14 dB

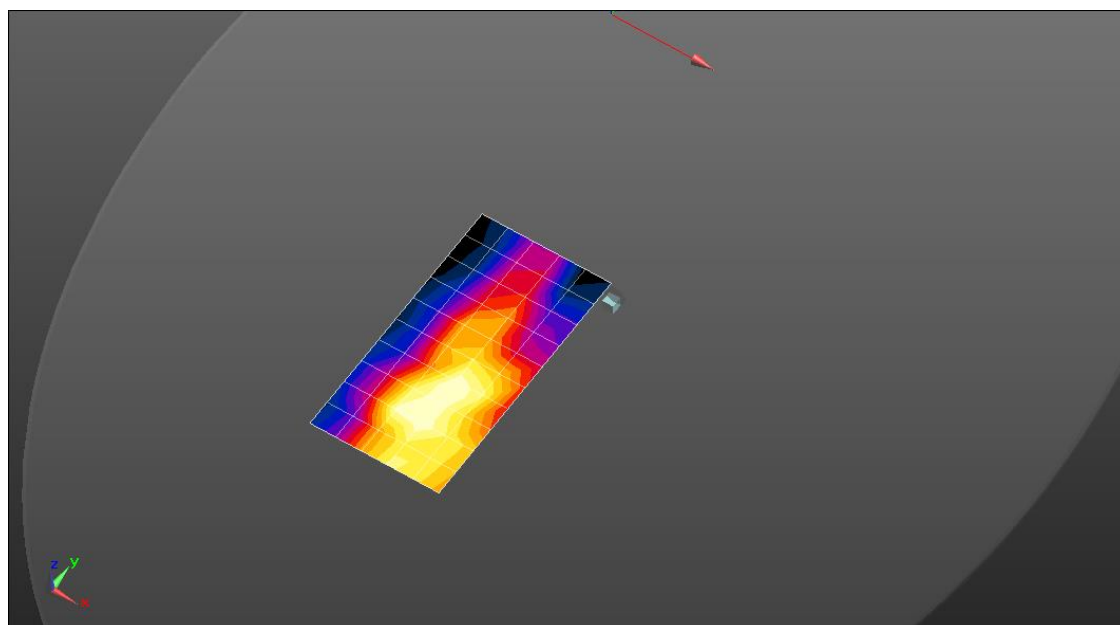
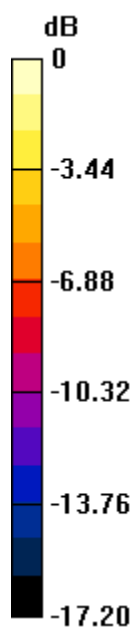
Peak SAR (extrapolated) = 1.61 W/kg

SAR(1 g) = 0.703 W/kg; SAR(10 g) = 0.300 W/kg

Maximum value of SAR (measured) = 0.942 W/kg



0 dB = 0.942 W/kg = -0.26 dBW/kg



S540 2.4GHz Wi-Fi 802.11b 6CH bottom surface 0mm-QCNFA344A-SPD-MIMO

Communication System: UID 0, 2.45GHz Wi-Fi (0); Communication System Band: ISM 2.4GHz; Frequency: 2437 MHz;

Medium parameters used: $f = 2437$ MHz; $\sigma = 1.77$ S/m; $\epsilon_r = 40.145$; $\rho = 1000$ kg/m³

Phantom section: Flat SectionDASY Configuration:

- Probe: EX3DV4 - SN7383; ConvF(7.72, 7.72, 7.72); Calibrated: 2018/12/19;
 - Modulation Compensation:
- Sensor-Surface: 3mm (Mechanical Surface Detection), $z = 1.0$
- Electronics: DAE3 Sn427; Calibrated: 2018/12/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1235
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (6x26x1): Measurement grid: $dx=12$ mm, $dy=12$ mm

Maximum value of SAR (measured) = 0.141 W/kg

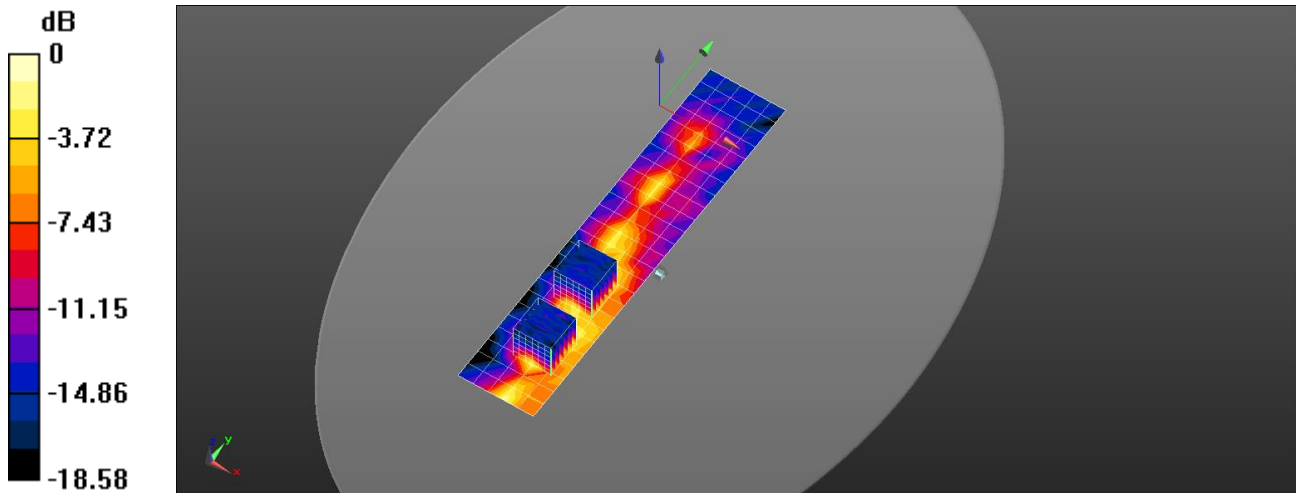
Configuration/Body/Zoom Scan (7x7x7)/Cube 1: Measurement grid: $dx=5$ mm, $dy=5$ mm, $dz=5$ mm

Reference Value = 2.520 V/m; Power Drift = -0.10 dB

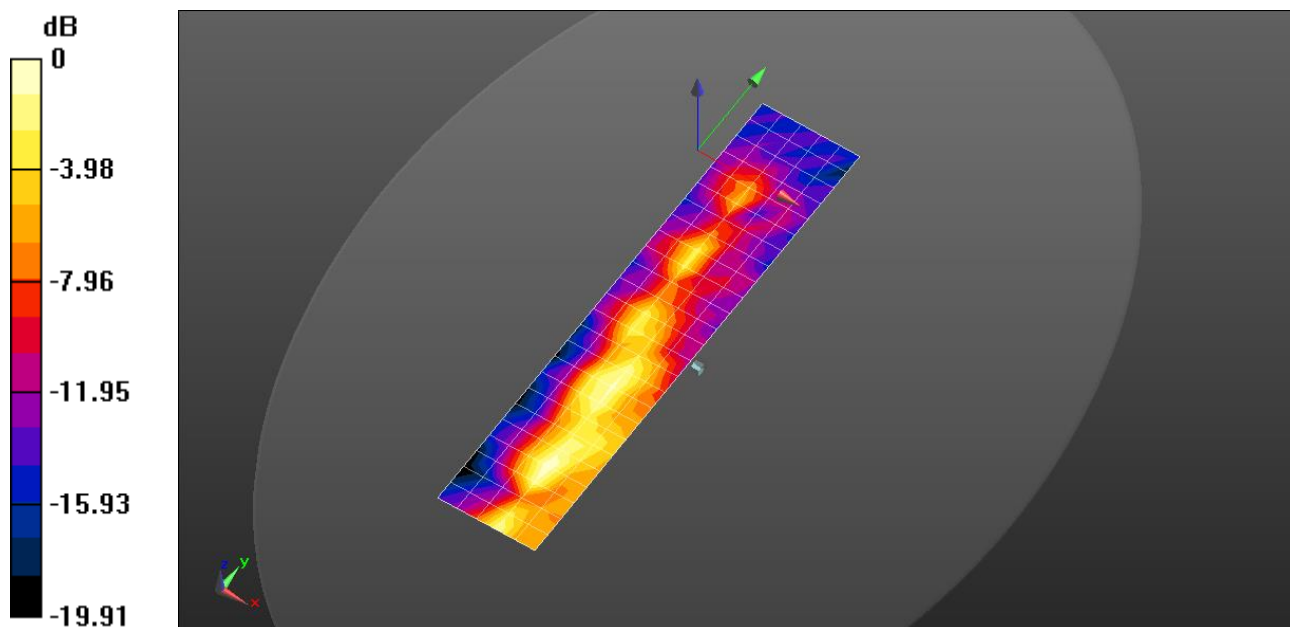
Peak SAR (extrapolated) = 0.254 W/kg

SAR(1 g) = 0.102 W/kg; SAR(10 g) = 0.042 W/kg

Maximum value of SAR (measured) = 0.143 W/kg



0 dB = 0.143 W/kg = -8.45 dBW/kg



0 dB = 0.141 W/kg = -8.50 dBW/kg

S540 5GHz Wi-Fi 802.11a 157CH bottom surface 0mm-QCNFA344A-ICT-Main

Communication System: UID 0, 5GHz Wi-Fi (0); Communication System Band: 5G Band(5030.0 - 5825.0 MHz);

Frequency: 5785 MHz; Communication System PAR: 0 dB; PMF: 1.04954

Medium parameters used: $f = 5785$ MHz; $\sigma = 5.386$ S/m; $\epsilon_r = 36.469$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7383; ConvF(5.13, 5.13, 5.13); Calibrated: 2018/12/19;
 - Modulation Compensation:
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 25.0$
- Electronics: DAE3 Sn427; Calibrated: 2018/12/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1235
- DASYS 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x8x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 2.17 W/kg

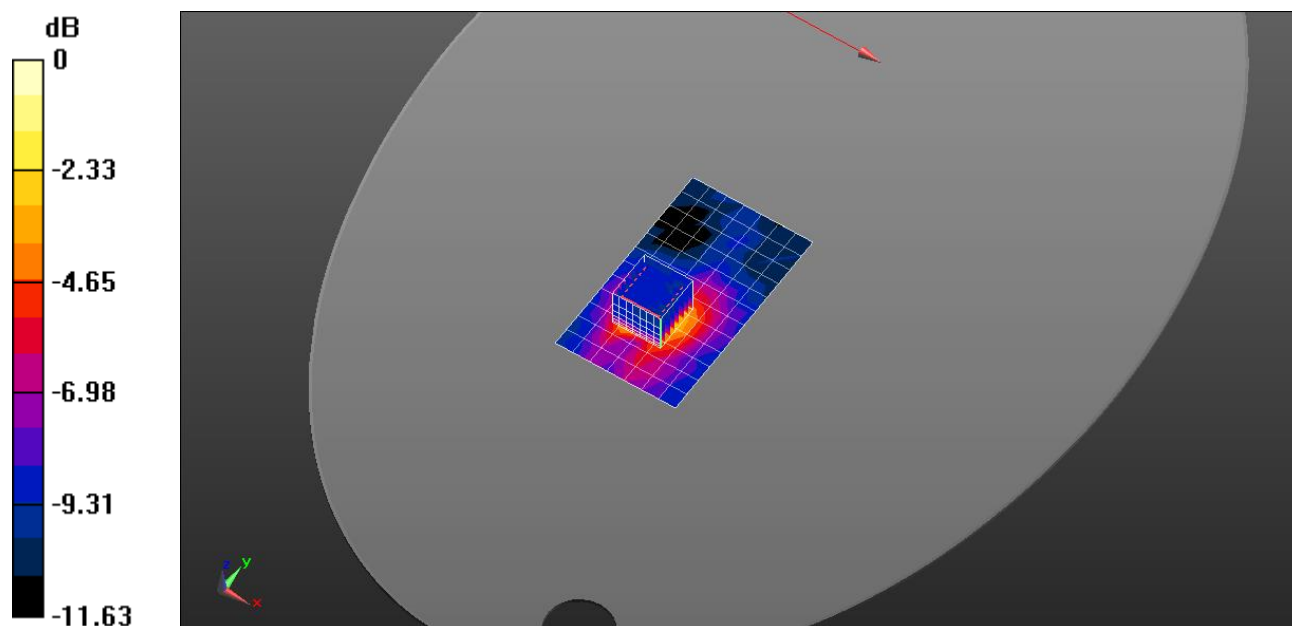
Configuration/Body/Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 4.914 V/m; Power Drift = 0.14 dB

Peak SAR (extrapolated) = 4.17 W/kg

SAR(1 g) = 1.06 W/kg; SAR(10 g) = 0.410 W/kg

Maximum value of SAR (measured) = 2.44 W/kg



0 dB = 2.17 W/kg = 3.36 dBW/kg

S540 5GHz Wi-Fi 802.11a 52CH bottom surface 0mm-QCNFA344A-SPD-Aux

Communication System: UID 0, 5GHz Wi-Fi (0); Communication System Band: 5G Band(5030.0 - 5825.0 MHz);

Frequency: 5260 MHz; Communication System PAR: 0 dB; PMF: 1.04954

Medium parameters used: $f = 5260$ MHz; $\sigma = 4.88$ S/m; $\epsilon_r = 35.817$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASYS (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7383; ConvF(5.73, 5.73, 5.73); Calibrated: 2018/12/19;
 - Modulation Compensation:
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0, 25.0$
- Electronics: DAE3 Sn427; Calibrated: 2018/12/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1235
- DASYS 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (8x14x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 2.13 W/kg

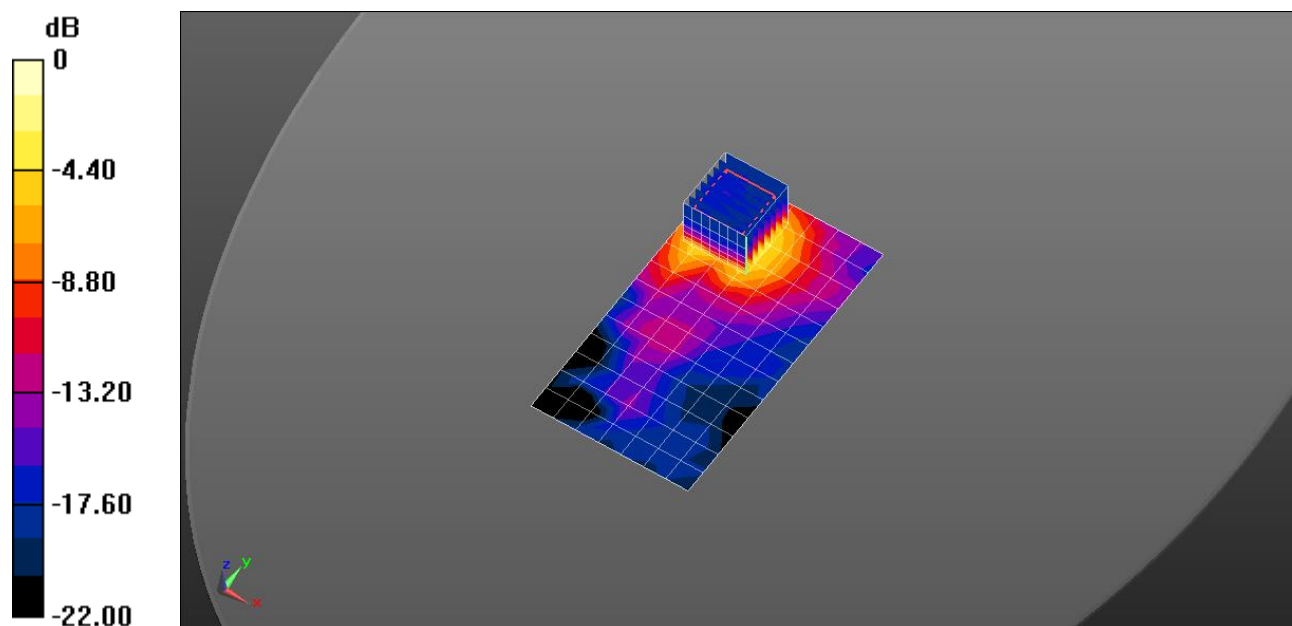
Configuration/Body/Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 10.52 V/m; Power Drift = -0.12 dB

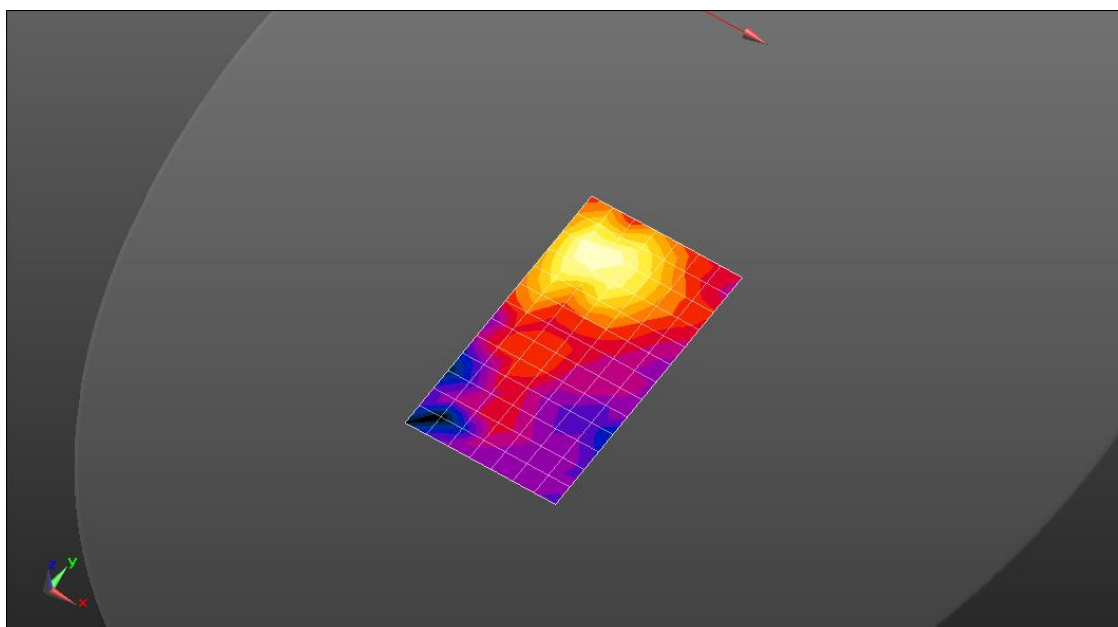
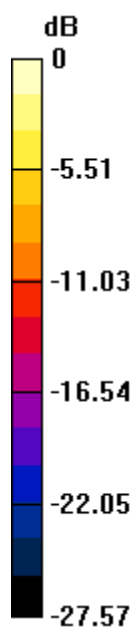
Peak SAR (extrapolated) = 4.63 W/kg

SAR(1 g) = 1.14 W/kg; SAR(10 g) = 0.408 W/kg

Maximum value of SAR (measured) = 2.73 W/kg



0 dB = 2.73 W/kg = 4.36 dBW/kg



S540 5GHz Wi-Fi 802.11a 157CH bottom surface 0mm-QCNFA344A-ICT-MIMO

Communication System: UID 0, 5GHz Wi-Fi (0); Communication System Band: 5G Band(5030.0 - 5825.0 MHz);

Frequency: 5785 MHz; Communication System PAR: 0 dB; PMF: 1.04954

Medium parameters used: $f = 5785$ MHz; $\sigma = 5.386$ S/m; $\epsilon_r = 36.469$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2007)

DASY Configuration:

- Probe: EX3DV4 - SN7383; ConvF(5.13, 5.13, 5.13); Calibrated: 2018/12/19;
 - Modulation Compensation:
- Sensor-Surface: 1.4mm (Mechanical Surface Detection), $z = 1.0$
- Electronics: DAE3 Sn427; Calibrated: 2018/12/11
- Phantom: ELI v5.0; Type: QDOVA002AA; Serial: 1235
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

Configuration/Body/Area Scan (7x13x1): Measurement grid: $dx=10$ mm, $dy=10$ mm

Maximum value of SAR (measured) = 2.11 W/kg

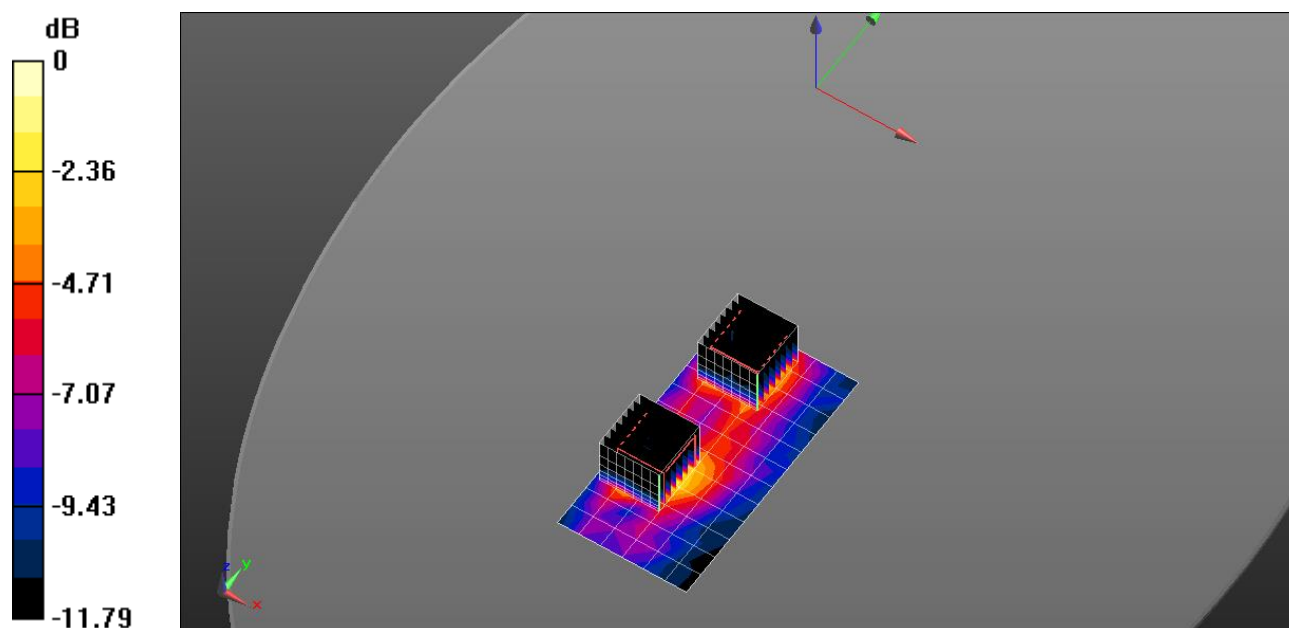
Configuration/Body/Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0: Measurement grid: $dx=4$ mm, $dy=4$ mm, $dz=1.4$ mm

Reference Value = 8.428 V/m; Power Drift = 0.05 dB

Peak SAR (extrapolated) = 4.37 W/kg

SAR(1 g) = 1.07 W/kg; SAR(10 g) = 0.431 W/kg

Maximum value of SAR (measured) = 2.48 W/kg



0 dB = 2.11 W/kg = 3.24 dBW/kg

