

**Lenovo NB AX200 SPD ANT A 2.4GHz Wi-Fi 802.11b 6CH bottom surface 0mm**

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

Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.791$  S/m;  $\epsilon_r = 39.915$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7383; ConvF(7.9, 7.9, 7.9); Calibrated: 2020/1/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE3 Sn427; Calibrated: 2019/12/17
- Phantom: SAM; Type: QD000P40CD; Serial: 1805
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (9x9x1):** Measurement grid:  $dx=10$ mm,  $dy=10$ mm

Maximum value of SAR (measured) = 0.889 W/kg

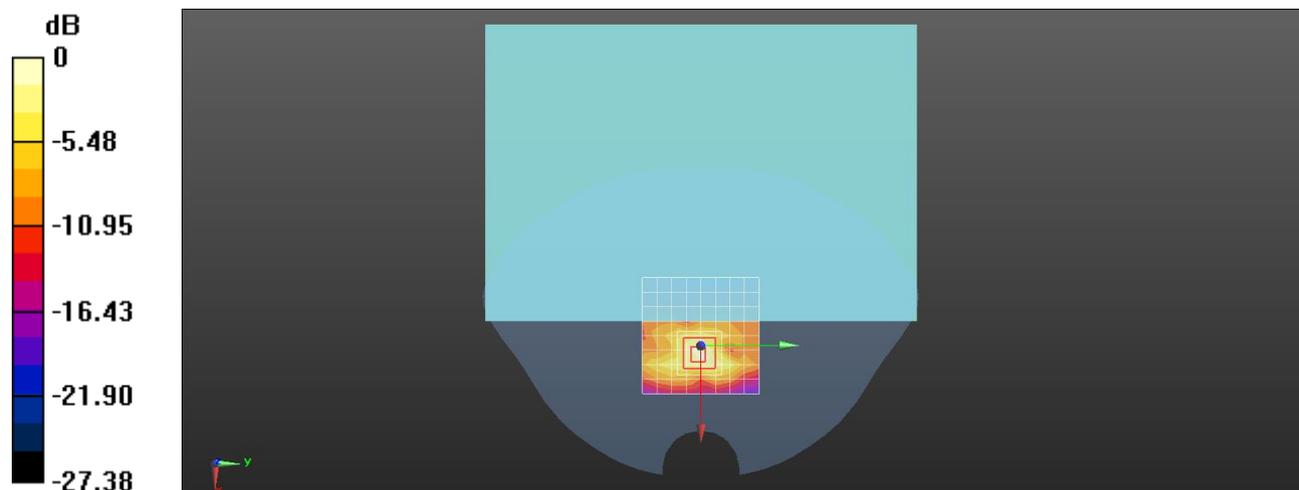
**Configuration/Body/Zoom Scan (5x5x1.4mm, graded), dist=1.4mm (7x7x5)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 8.490 V/m; Power Drift = -0.14 dB

Peak SAR (extrapolated) = 1.32 W/kg

**SAR(1 g) = 0.511 W/kg; SAR(10 g) = 0.213 W/kg**

Maximum value of SAR (measured) = 0.980 W/kg



0 dB = 0.980 W/kg = -0.09 dBW/kg

**Lenovo NB AX200 SPD ANT B 2.4GHz Wi-Fi 802.11B 6CH bottom surface 0mm**

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

Medium parameters used:  $f = 2437$  MHz;  $\sigma = 1.791$  S/m;  $\epsilon_r = 39.915$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7383; ConvF(7.9, 7.9, 7.9); Calibrated: 2020/1/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE3 Sn427; Calibrated: 2019/12/17
- Phantom: SAM; Type: QD000P40CD; Serial: 1805
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (9x9x1):** Measurement grid:  $dx=10$ mm,  $dy=10$ mm

Maximum value of SAR (measured) = 0.385 W/kg

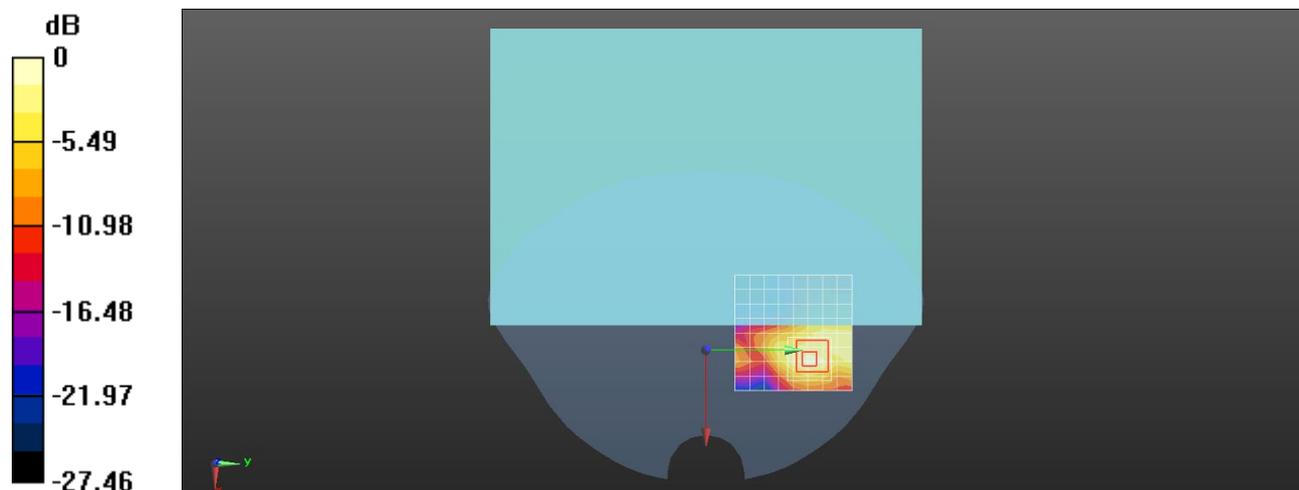
**Configuration/Body/Zoom Scan (5x5x5mm, graded), dist=1.4mm (7x7x5)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 1.317 V/m; Power Drift = 0.11 dB

Peak SAR (extrapolated) = 0.605 W/kg

**SAR(1 g) = 0.245 W/kg; SAR(10 g) = 0.107 W/kg**

Maximum value of SAR (measured) = 0.460 W/kg



0 dB = 0.460 W/kg = -3.37 dBW/kg

**Lenovo NB AX200 FCC SPD ANT A 5GHz Wi-Fi 802.11AC80 122CH bottom surface 0mm**

Communication System: UID 0, 802.11AC 80 (0); Communication System Band: WLAN 5G(4915-5825); Frequency: 5610 MHz;

Medium parameters used:  $f = 5610$  MHz;  $\sigma = 5.1$  S/m;  $\epsilon_r = 35.828$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7383; ConvF(5.09, 5.09, 5.09); Calibrated: 2020/1/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 25.0$
- Electronics: DAE3 Sn427; Calibrated: 2019/12/17
- Phantom: SAM; Type: QD000P40CD; Serial: 1805
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (9x9x1):** Measurement grid:  $dx=10$ mm,  $dy=10$ mm

Maximum value of SAR (measured) = 1.78 W/kg

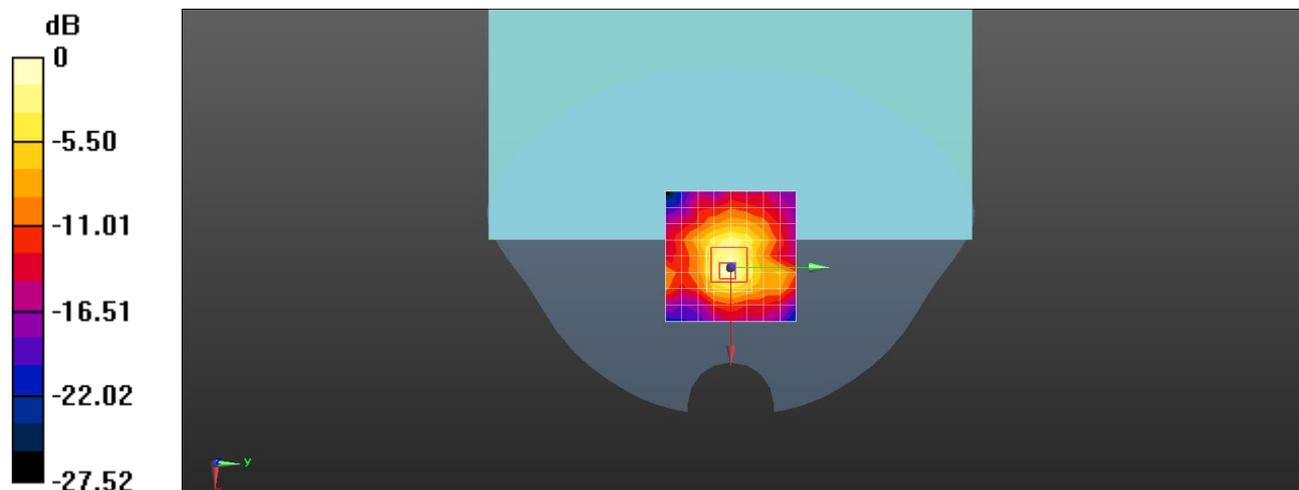
**Configuration/Body/Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value = 14.90 V/m; Power Drift = 0.13 dB

Peak SAR (extrapolated) = 3.39 W/kg

**SAR(1 g) = 0.760 W/kg; SAR(10 g) = 0.249 W/kg**

Maximum value of SAR (measured) = 1.94 W/kg



0 dB = 1.78 W/kg = 2.49 dBW/kg

**Lenovo NB AX200 FCC SPD ANT B 5GHz Wi-Fi 802.11AC80 138CH bottom surface 0mm**

Communication System: UID 0, 802.11AC 80 (0); Communication System Band: WLAN 5G(4915-5825); Frequency: 5690 MHz;

Medium parameters used:  $f = 5690$  MHz;  $\sigma = 5.083$  S/m;  $\epsilon_r = 35.882$ ;  $\rho = 1000$  kg/m<sup>3</sup>

Phantom section: Flat Section

DASY Configuration:

- Probe: EX3DV4 - SN7383; ConvF(5.09, 5.09, 5.09); Calibrated: 2020/1/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0$
- Electronics: DAE3 Sn427; Calibrated: 2019/12/17
- Phantom: SAM; Type: QD000P40CD; Serial: 1805
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (9x9x1):** Measurement grid:  $dx=10$ mm,  $dy=10$ mm

Maximum value of SAR (measured) = 1.35 W/kg

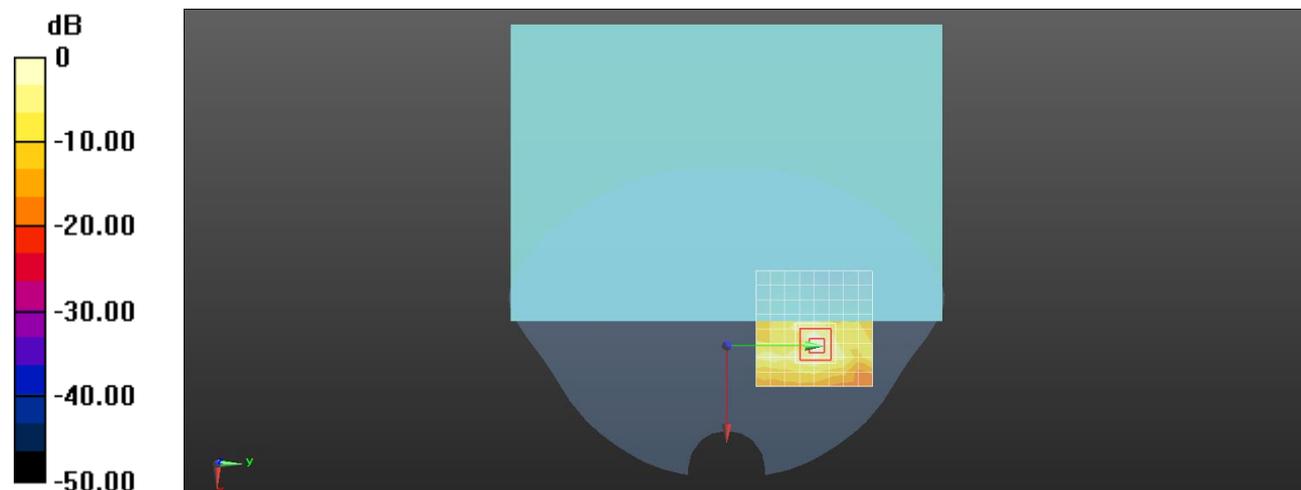
**Configuration/Body/Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (8x8x7)/Cube 0:** Measurement grid:  $dx=4$ mm,  $dy=4$ mm,  $dz=1.4$ mm

Reference Value = 5.326 V/m; Power Drift = 0.16 dB

Peak SAR (extrapolated) = 2.68 W/kg

**SAR(1 g) = 0.567 W/kg; SAR(10 g) = 0.175 W/kg**

Maximum value of SAR (measured) = 1.54 W/kg



0 dB = 1.54 W/kg = 1.88 dBW/kg

**Lenovo NB AX200 SPD ANT A 2.4GHz BT DH5 78CH bottom surface 0mm**

Communication System: UID 0, BT(0) (0); Communication System Band: BT; Frequency: 2480 MHz;  
 Medium parameters used:  $f = 2480$  MHz;  $\sigma = 1.822$  S/m;  $\epsilon_r = 39.736$ ;  $\rho = 1000$  kg/m<sup>3</sup>  
 Phantom section: Flat Section

## DASY Configuration:

- Probe: EX3DV4 - SN7383; ConvF(7.9, 7.9, 7.9); Calibrated: 2020/1/3;
- Sensor-Surface: 1.4mm (Mechanical Surface Detection),  $z = 1.0, 31.0$
- Electronics: DAE3 Sn427; Calibrated: 2019/12/17
- Phantom: SAM; Type: QD000P40CD; Serial: 1805
- DASY52 52.8.8(1222); SEMCAD X 14.6.10(7331)

**Configuration/Body/Area Scan (7x7x1):** Measurement grid:  $dx=12$ mm,  $dy=12$ mm

Maximum value of SAR (measured) = 0.0832 W/kg

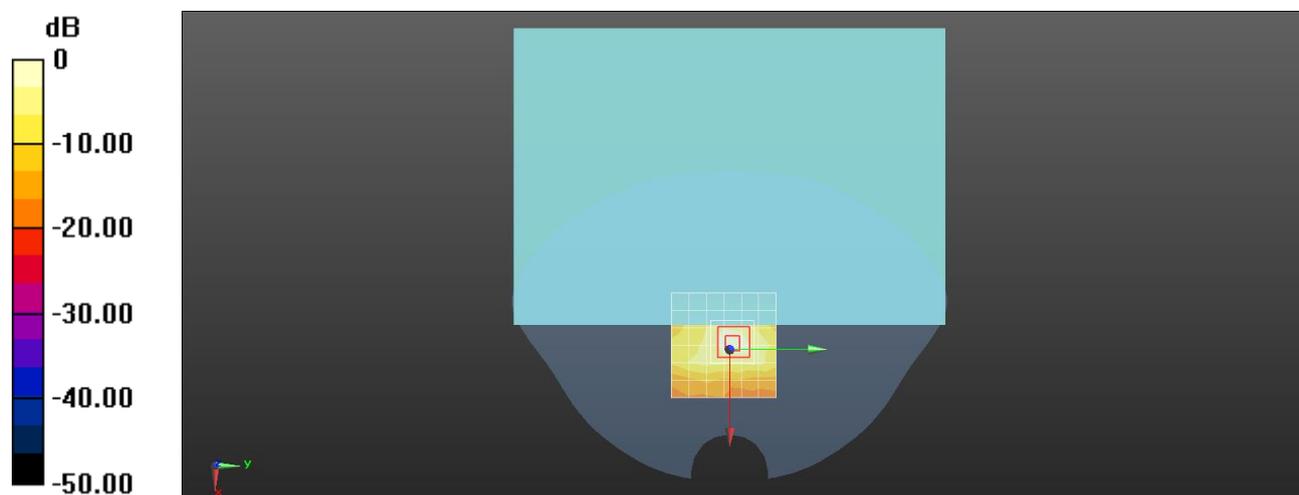
**Configuration/Body/Zoom Scan (4x4x1.4mm, graded), dist=1.4mm (7x7x5)/Cube 0:** Measurement grid:  $dx=5$ mm,  $dy=5$ mm,  $dz=5$ mm

Reference Value = 5.131 V/m; Power Drift = -0.09 dB

Peak SAR (extrapolated) = 0.153 W/kg

**SAR(1 g) = 0.057 W/kg; SAR(10 g) = 0.023 W/kg**

Maximum value of SAR (measured) = 0.112 W/kg



0 dB = 0.112 W/kg = -9.51 dBW/kg