



REPORT No.: SZ21110322S01

Annex D Plots of Maximum RF Test Results

HAC RF Emission_VoWiFi 2.4GHz 802.11b_1Mbps_AMR 12.2Kbps_Ch1_E

Communication System: UID 10415 - AAA, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle); Frequency: 2412 MHz; Duty Cycle: 1:1.42561

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2019.12.10;
- Sensor-Surface: (Fix Surface), Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.40 V/m; Power Drift = 0.08 dB

Applied MIF = -17.55 dB

RF audio interference level = 6.20 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 8.32 dBV/m	Grid 2 M4 5.58 dBV/m	Grid 3 M4 -0.94 dBV/m
Grid 4 M4 8.6 dBV/m	Grid 5 M4 6.2 dBV/m	Grid 6 M4 -0.53 dBV/m
Grid 7 M4 8.59 dBV/m	Grid 8 M4 6.09 dBV/m	Grid 9 M4 -0.59 dBV/m

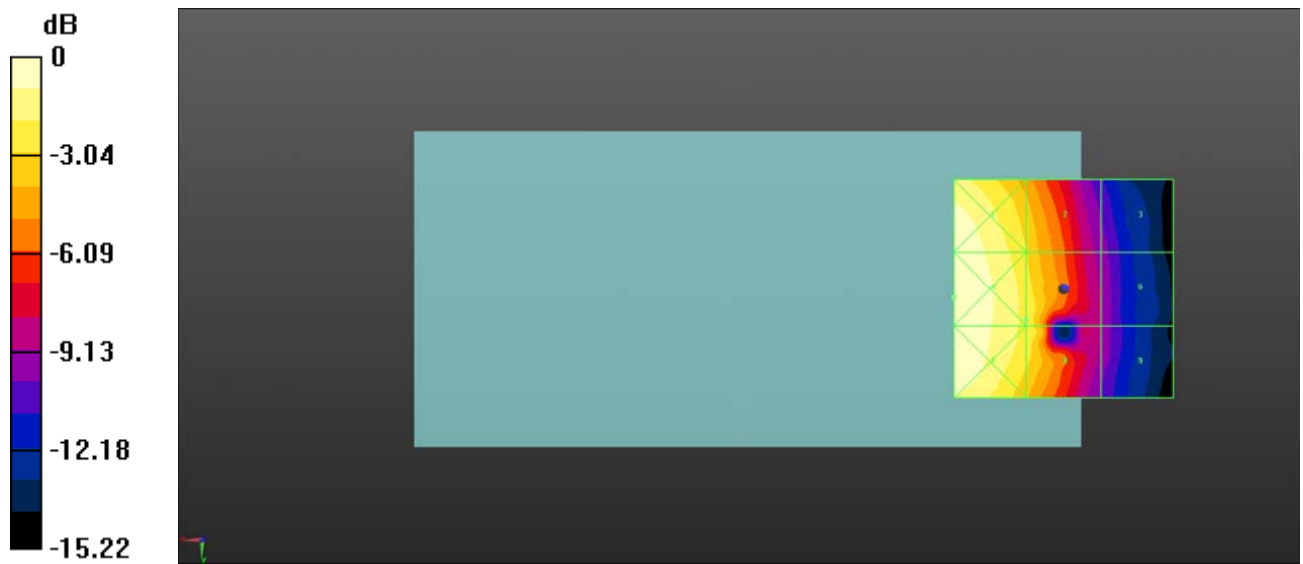
Cursor:

Total = 8.60 dBV/m

E Category: M4

Location: 25, 2, 8.7 mm

Maximum value of Total (interpolated) = 2.692 V/m



0 dB = 2.692 V/m = 8.60 dBV/m

HAC RF Emission_VoWiFi 2.4GHz 802.11b_1Mbps_AMR 12.2Kbps_Ch6_E

Communication System: UID 10415 - AAA, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle); Frequency: 2437 MHz; Duty Cycle: 1:1.42561

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2019.12.10;
- Sensor-Surface: (Fix Surface), Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch6/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.39 V/m; Power Drift = 0.12 dB

Applied MIF = -17.55 dB

RF audio interference level = 6.28 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 8.38 dBV/m	Grid 2 M4 5.64 dBV/m	Grid 3 M4 -0.97 dBV/m
Grid 4 M4 8.66 dBV/m	Grid 5 M4 6.28 dBV/m	Grid 6 M4 -0.51 dBV/m
Grid 7 M4 8.64 dBV/m	Grid 8 M4 6.16 dBV/m	Grid 9 M4 -0.57 dBV/m

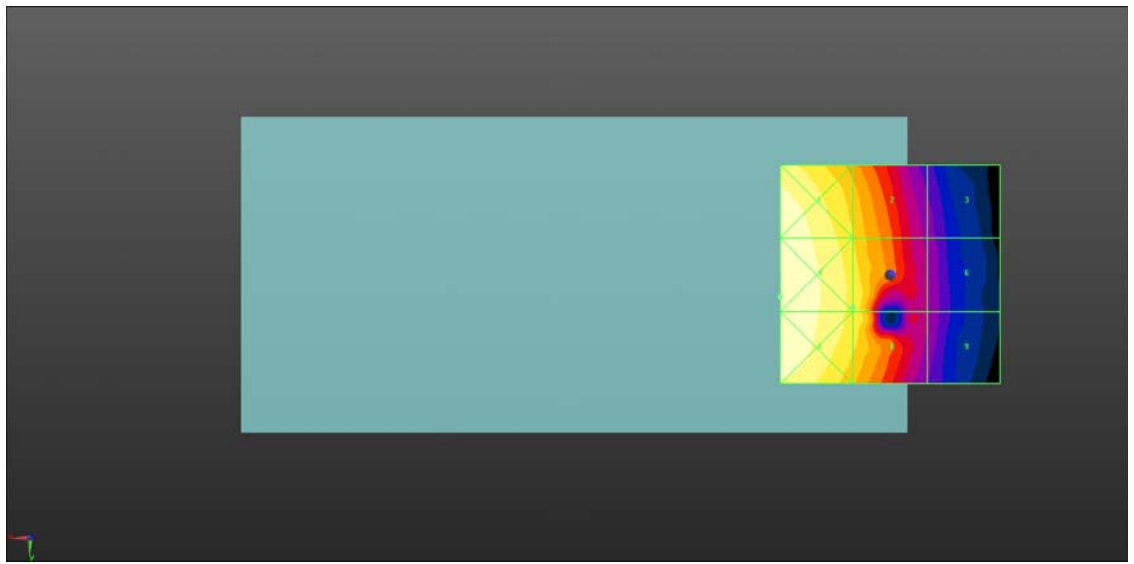
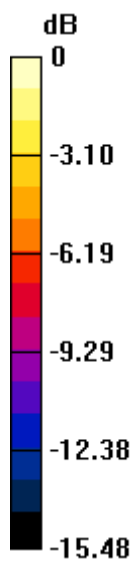
Cursor:

Total = 8.66 dBV/m

E Category: M4

Location: 25, 5, 8.7 mm

Maximum value of Total (interpolated) = 2.711 V/m



0 dB = 2.711 V/m = 8.66 dBV/m

HAC RF Emission_VoWiFi 2.4GHz 802.11b_1Mbps_AMR 12.2Kbps_Ch11_E

Communication System: UID 10415 - AAA, IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle); Frequency: 2462 MHz; Duty Cycle: 1:1.42561

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2019.12.10;
- Sensor-Surface: (Fix Surface), Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch11/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.37 V/m; Power Drift = 0.11 dB

Applied MIF = -17.32 dB

RF audio interference level = 6.26 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 8.37 dBV/m	Grid 2 M4 5.62 dBV/m	Grid 3 M4 -0.82 dBV/m
Grid 4 M4 8.66 dBV/m	Grid 5 M4 6.26 dBV/m	Grid 6 M4 -0.44 dBV/m
Grid 7 M4 8.66 dBV/m	Grid 8 M4 6.14 dBV/m	Grid 9 M4 -0.48 dBV/m

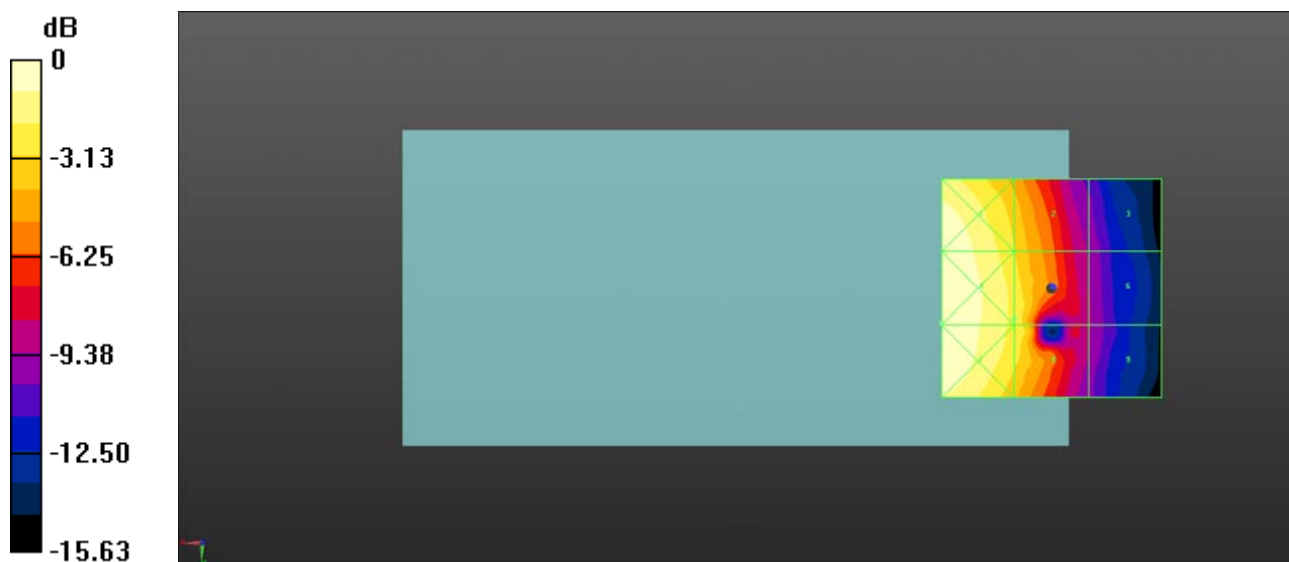
Cursor:

Total = 8.26 dBV/m

E Category: M4

Location: 25, 8, 8.7 mm

Maximum value of Total (interpolated) = 2.624 V/m



0 dB = 2.624 V/m = 8.26 dBV/m

HAC RF Emission_VoWiFi 2.4GHz 802.11g_6Mbps_AMR 12.2Kbps_Ch1_E

Communication System: UID 10419 - AAA, IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preamble); Frequency: 2412 MHz; Duty Cycle: 1:6.59174

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2019.12.10;
- Sensor-Surface: (Fix Surface), Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch1/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.53 V/m; Power Drift = 0.05 dB

Applied MIF = -18.31 dB

RF audio interference level = 5.46 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 7.58 dBV/m	Grid 2 M4 4.82 dBV/m	Grid 3 M4 -1.62 dBV/m
Grid 4 M4 7.89 dBV/m	Grid 5 M4 5.46 dBV/m	Grid 6 M4 -1.14 dBV/m
Grid 7 M4 7.84 dBV/m	Grid 8 M4 5.35 dBV/m	Grid 9 M4 -1.18 dBV/m

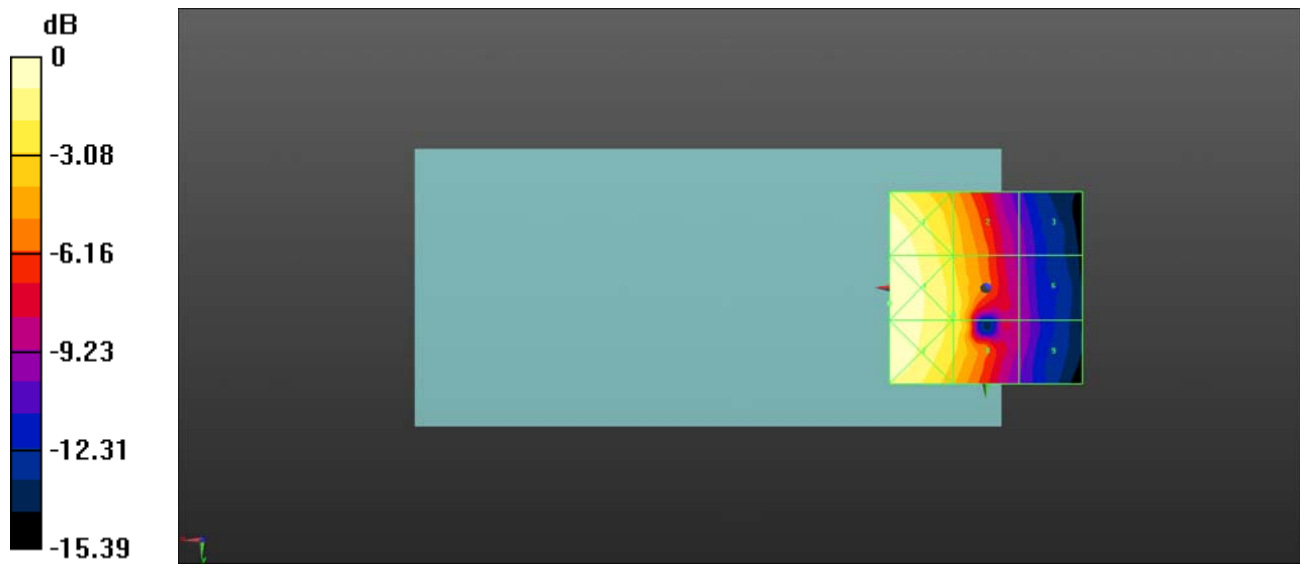
Cursor:

Total = 7.89 dBV/m

E Category: M4

Location: 25, 4, 8.7 mm

Maximum value of Total (interpolated) = 2.479 V/m



0 dB = 2.479 V/m = 7.89 dBV/m

HAC RF Emission_VoWiFi 2.4GHz 802.11g_6Mbps_AMR 12.2Kbps_Ch6_E

Communication System: UID 10419 - AAA, IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preamble); Frequency: 2437 MHz; Duty Cycle: 1:6.59174

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2019.12.10;
- Sensor-Surface: (Fix Surface), Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch6/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.54 V/m; Power Drift = 0.04 dB

Applied MIF = -18.31 dB

RF audio interference level = 5.43 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 7.56 dBV/m	Grid 2 M4 4.82 dBV/m	Grid 3 M4 -1.6 dBV/m
Grid 4 M4 7.85 dBV/m	Grid 5 M4 5.43 dBV/m	Grid 6 M4 -1.27 dBV/m
Grid 7 M4 7.84 dBV/m	Grid 8 M4 5.32 dBV/m	Grid 9 M4 -1.33 dBV/m

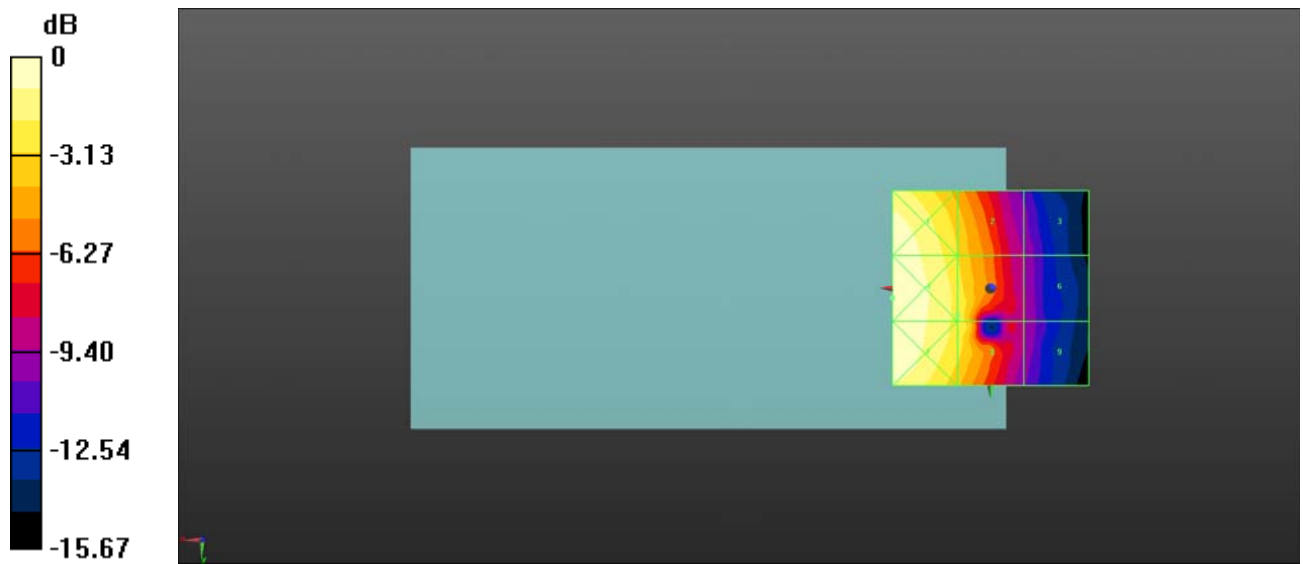
Cursor:

Total = 7.85 dBV/m

E Category: M4

Location: 25, 2.5, 8.7 mm

Maximum value of Total (interpolated) = 2.469 V/m



0 dB = 2.469 V/m = 7.85 dBV/m

HAC RF Emission_VoWiFi 2.4GHz 802.11g_6Mbps_AMR 12.2Kbps_Ch11_E

Communication System: UID 10419 - AAA, IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preamble); Frequency: 2462 MHz; Duty Cycle: 1:6.59174

Medium: Air Medium parameters used: $\sigma = 0$ S/m, $\epsilon_r = 1$; $\rho = 0$ kg/m³

Ambient Temperature : 23.2 °C

DASY5 Configuration:

- Probe: ER3DV6 - SN2434; ConvF(1, 1, 1); Calibrated: 2019.12.10;
- Sensor-Surface: (Fix Surface), Sensor-Surface: 0mm (Fix Surface)
- Electronics: DAE4 Sn480; Calibrated: 2021.06.22
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BA;
- Measurement SW: DASY52, Version 52.8 (8); SEMCAD X Version 14.6.10 (7331)

Ch11/Hearing Aid Compatibility Test (101x101x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 12.40 V/m; Power Drift = 0.11 dB

Applied MIF = -18.31 dB

RF audio interference level = 5.44 dBV/m

Emission category: M4

MIF scaled E-field

Grid 1 M4 7.6 dBV/m	Grid 2 M4 4.83 dBV/m	Grid 3 M4 -1.55 dBV/m
Grid 4 M4 7.92 dBV/m	Grid 5 M4 5.44 dBV/m	Grid 6 M4 -1.1 dBV/m
Grid 7 M4 7.85 dBV/m	Grid 8 M4 5.33 dBV/m	Grid 9 M4 -1.14 dBV/m

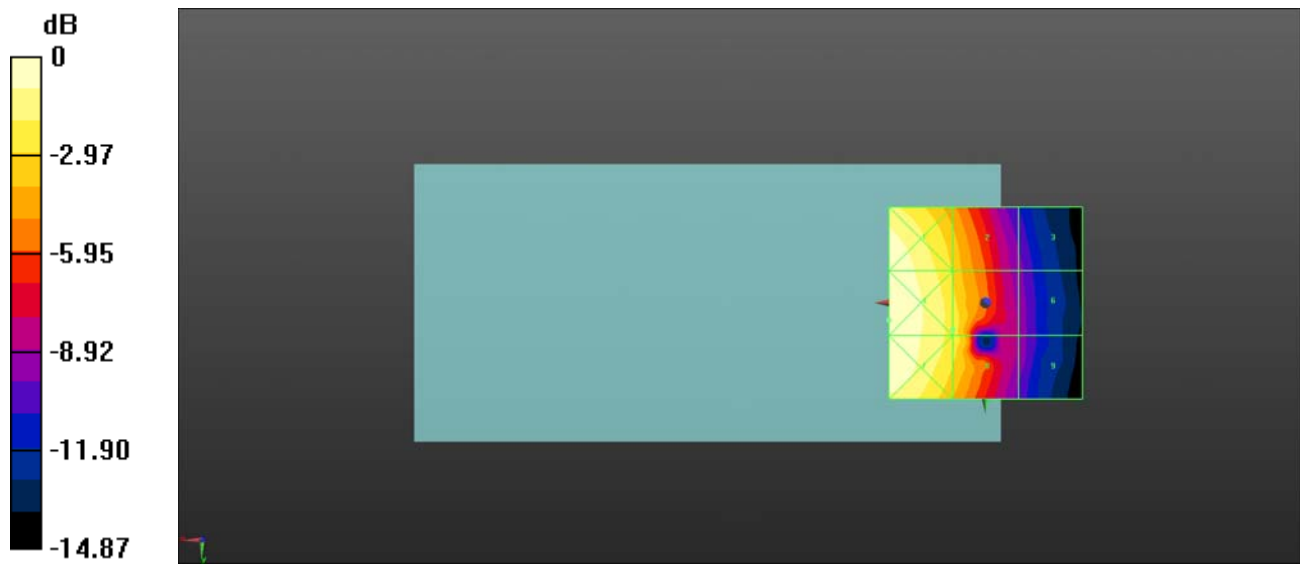
Cursor:

Total = 7.92 dBV/m

E Category: M4

Location: 25, 4.5, 8.7 mm

Maximum value of Total (interpolated) = 2.488 V/m



0 dB = 2.488 V/m = 7.92 dBV/m