

HAC-RF Emission System Check

Communication System: UID 0, CW; Frequency: 835 MHz; Duty Cycle: 1:1
 Phantom section: RF Section
 DASY5 Configuration:
 - Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 835 MHz; Calibrated: 3/22/2021
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
 - Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
 - Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

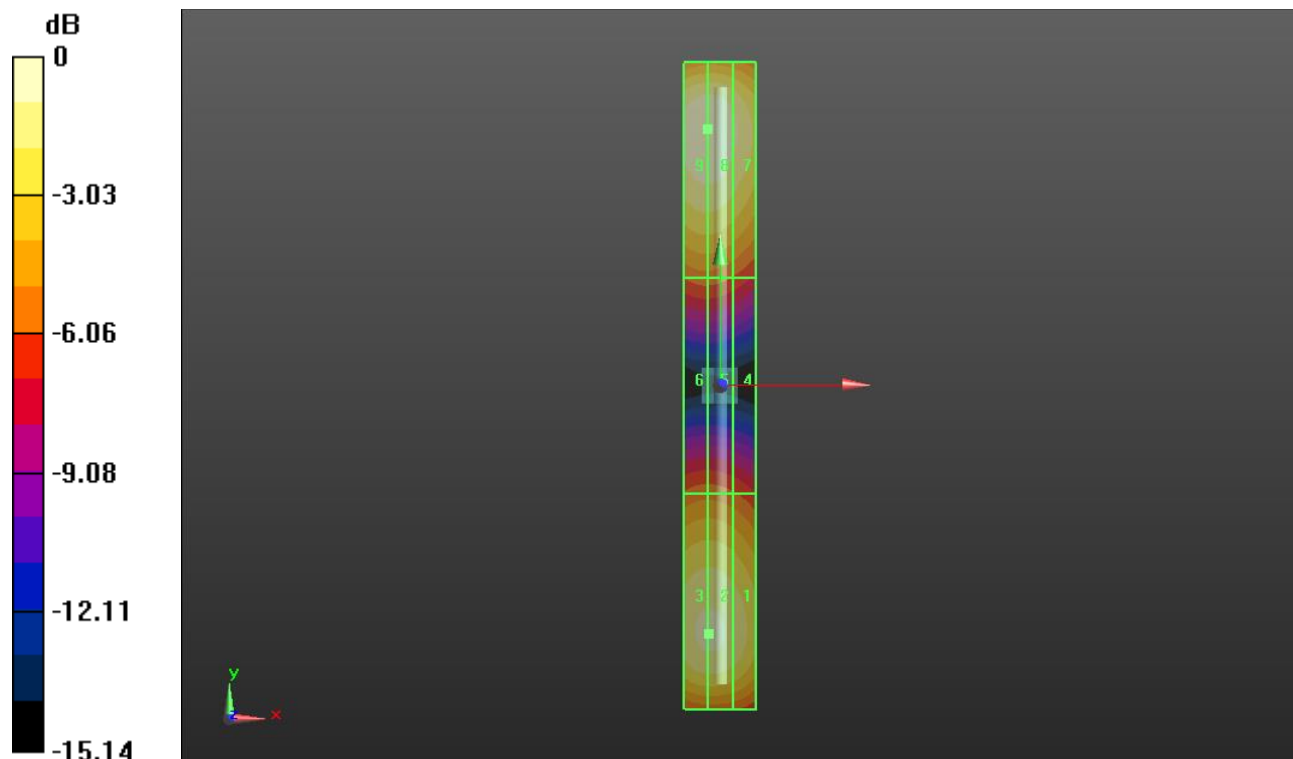
Dipole E-Field measurement 835MHz/835 MHz/Hearing Aid Compatibility Test at 15mm distance (41x361x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
 Device Reference Point: 0, 0, -6.3 mm
 Reference Value = 127.2 V/m; Power Drift = 0.04 dB
 Applied MIF = 0.00 dB
 RF audio interference level = 41.63 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M3 40.4 dBV/m	Grid 2 M3 40.84 dBV/m	Grid 3 M3 40.84 dBV/m
Grid 4 M4 35.76 dBV/m	Grid 5 M4 36.22 dBV/m	Grid 6 M4 36.22 dBV/m
Grid 7 M3 40.89 dBV/m	Grid 8 M3 41.63 dBV/m	Grid 9 M3 41.63 dBV/m



0 dB = 120.7 V/m = 41.63 dBV/m

HAC-RF Emission System Check

Communication System: UID 0, CW; Frequency: 1880 MHz; Duty Cycle: 1:1
 Phantom section: RF Section
 DASY5 Configuration:
 - Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 3/22/2021
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
 - Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
 - Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Dipole E-Field Measurement 1880MHz/1880 MHz/Hearing Aid Compatibility Test at 15mm distance (41x181x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 156.1 V/m; Power Drift = 0.08 dB

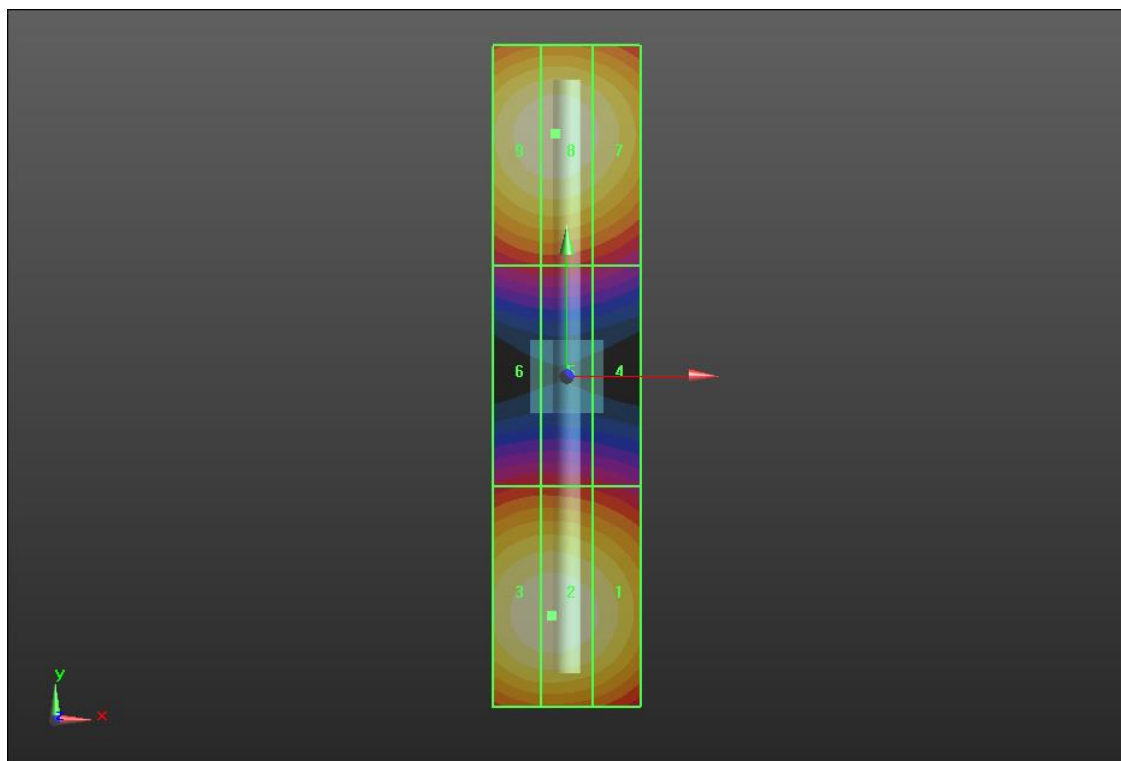
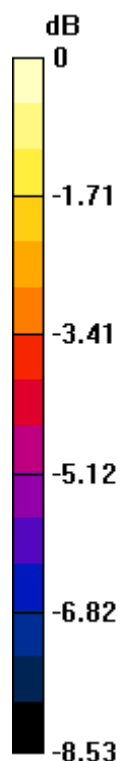
Applied MIF = 0.00 dB

RF audio interference level = 40.05 dBV/m

Emission category: **M1**

MIF scaled E-field

Grid 1 M2 39.61 dBV/m	Grid 2 M2 39.99 dBV/m	Grid 3 M2 39.97 dBV/m
Grid 4 M2 35.95 dBV/m	Grid 5 M2 36.24 dBV/m	Grid 6 M2 36.23 dBV/m
Grid 7 M2 39.64 dBV/m	Grid 8 M1 40.05 dBV/m	Grid 9 M2 40 dBV/m



0 dB = 100.6 V/m = 40.05 dBV/m

HAC-RF Emission System Check

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2600 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Dipole E-Field Measurement 2600MHz/2600 MHz/Hearing Aid Compatibility Test at 15mm distance (41x181x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 55.66 V/m; Power Drift = 0.15 dB

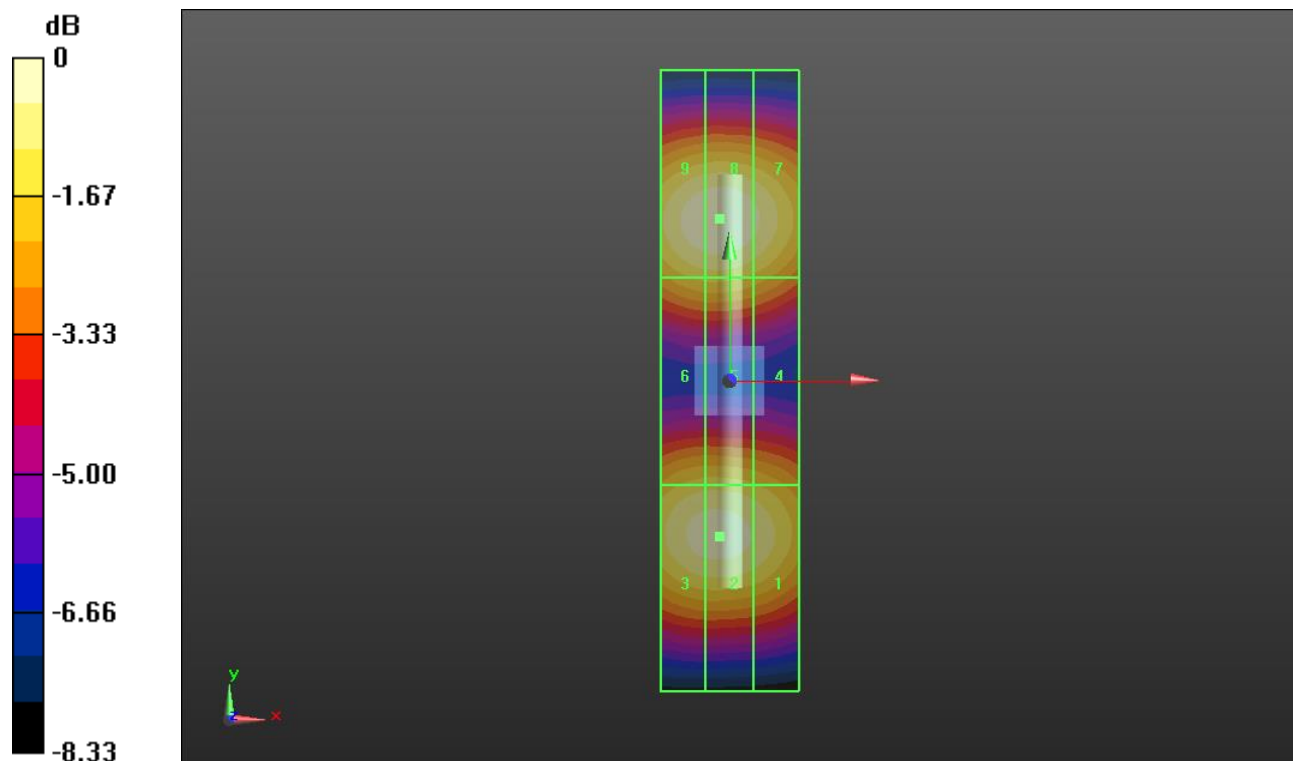
Applied MIF = 0.00 dB

RF audio interference level = 38.99 dBV/m

Emission category: **M2**

MIF scaled E-field

Grid 1 M2 38.4 dBV/m	Grid 2 M2 38.73 dBV/m	Grid 3 M2 38.7 dBV/m
Grid 4 M2 37.38 dBV/m	Grid 5 M2 37.67 dBV/m	Grid 6 M2 37.64 dBV/m
Grid 7 M2 38.58 dBV/m	Grid 8 M2 38.99 dBV/m	Grid 9 M2 38.92 dBV/m



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0 dB = 89.01 V/m = 38.99 dBV/m

HAC-RF Emission System Check

Communication System: UID 0, CW (0); Frequency: 3500 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 3500 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Dipole E-Field Measurement 3500MHz/3500 MHz/Hearing Aid Compatibility Test at 15mm distance (41x181x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 29.09 V/m; Power Drift = -0.03 dB

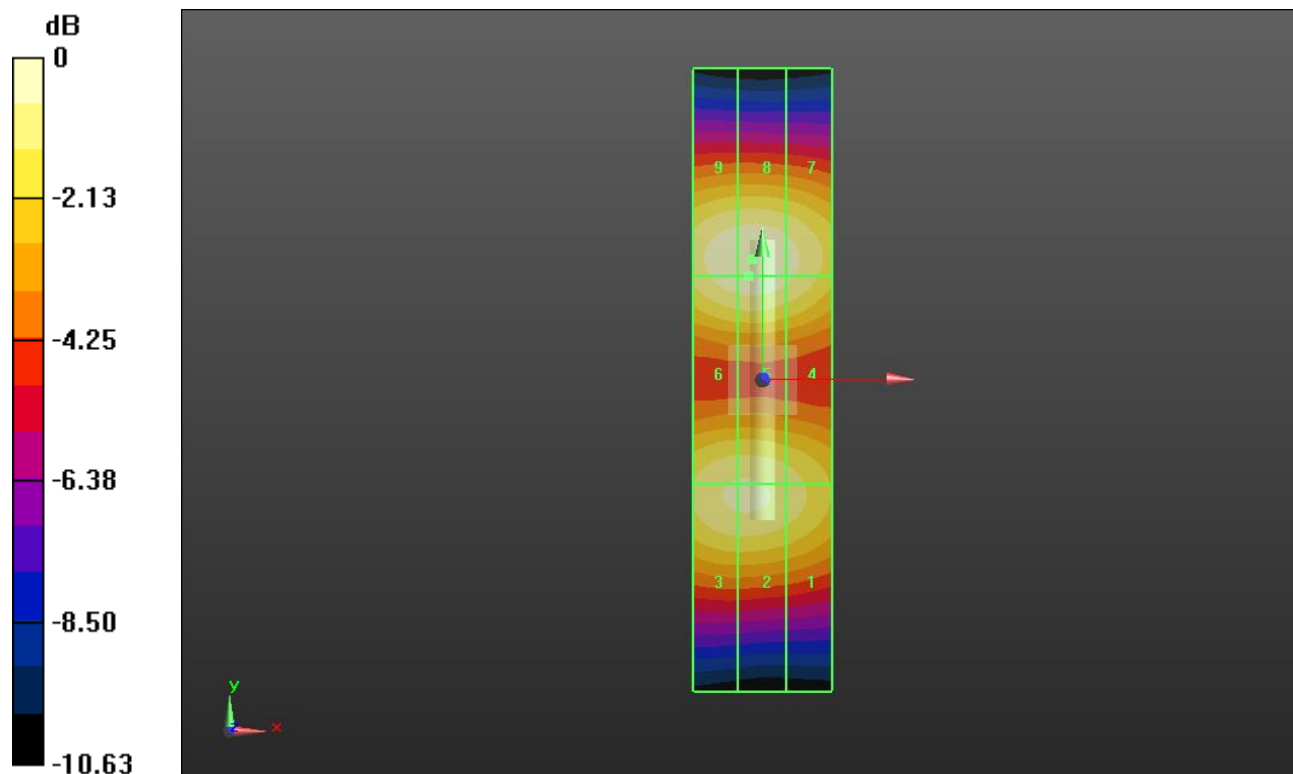
Applied MIF = 0.00 dB

RF audio interference level = 37.57 dBV/m

Emission category: **M2**

MIF scaled E-field

Grid 1 M2 36.61 dBV/m	Grid 2 M2 37.02 dBV/m	Grid 3 M2 37.01 dBV/m
Grid 4 M2 37.02 dBV/m	Grid 5 M2 37.41 dBV/m	Grid 6 M2 37.34 dBV/m
Grid 7 M2 37.18 dBV/m	Grid 8 M2 37.57 dBV/m	Grid 9 M2 37.5 dBV/m



0 dB = 75.57 V/m = 37.57 dBV/m

HAC-RF Emission System Check

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2450 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Dipole E-Field Measurement 2450MHz/2450 MHz/Hearing Aid Compatibility Test at 15mm distance (41x181x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 58.56 V/m; Power Drift = 0.08 dB

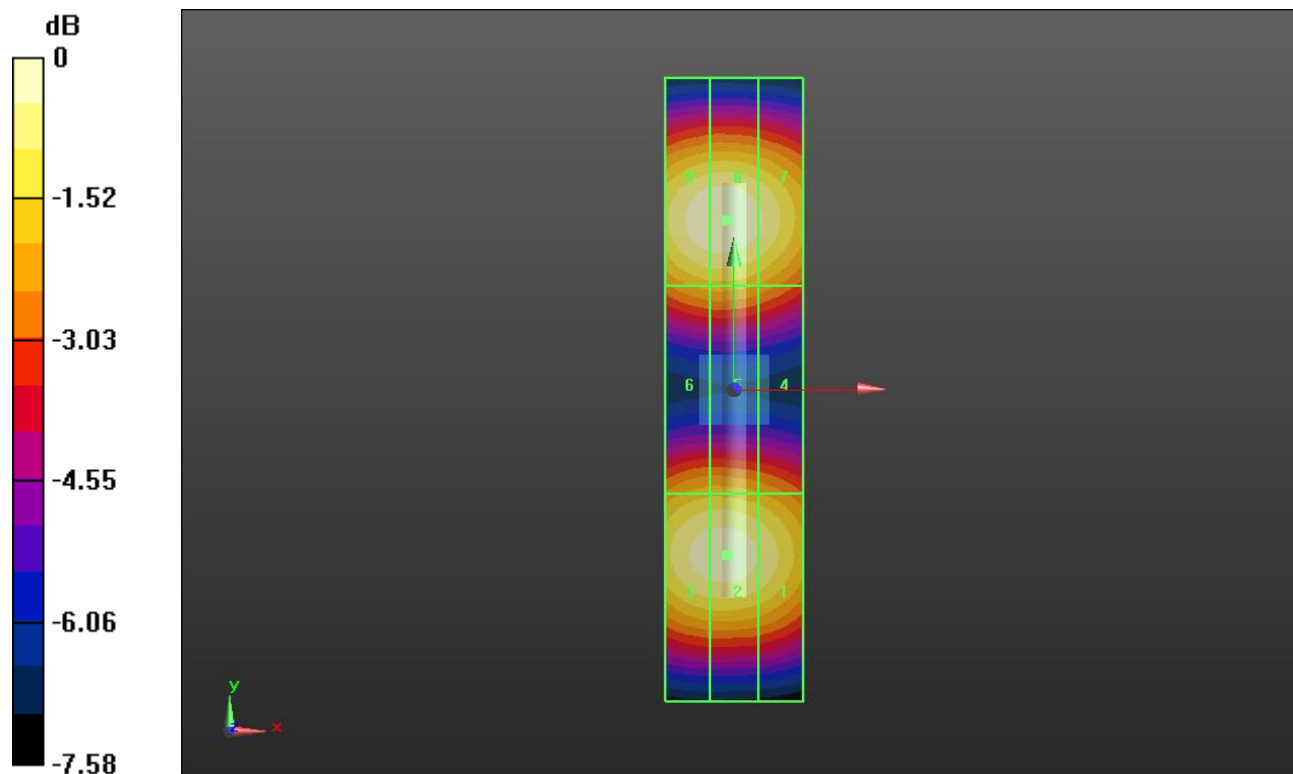
Applied MIF = 0.00 dB

RF audio interference level = 38.02 dBV/m

Emission category: **M2**

MIF scaled E-field

Grid 1 M2 37.52 dBV/m	Grid 2 M2 37.87 dBV/m	Grid 3 M2 37.83 dBV/m
Grid 4 M2 36.07 dBV/m	Grid 5 M2 36.39 dBV/m	Grid 6 M2 36.36 dBV/m
Grid 7 M2 37.61 dBV/m	Grid 8 M2 38.02 dBV/m	Grid 9 M2 37.97 dBV/m



0 dB = 79.66 V/m = 38.02 dBV/m

HAC-RF Emission System Check

Communication System: UID 0, CW; Frequency: 835 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 835 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Dipole E-Field measurement 835MHz/835 MHz/Hearing Aid Compatibility Test at 15mm distance (41x361x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 121.3 V/m; Power Drift = 0.02 dB

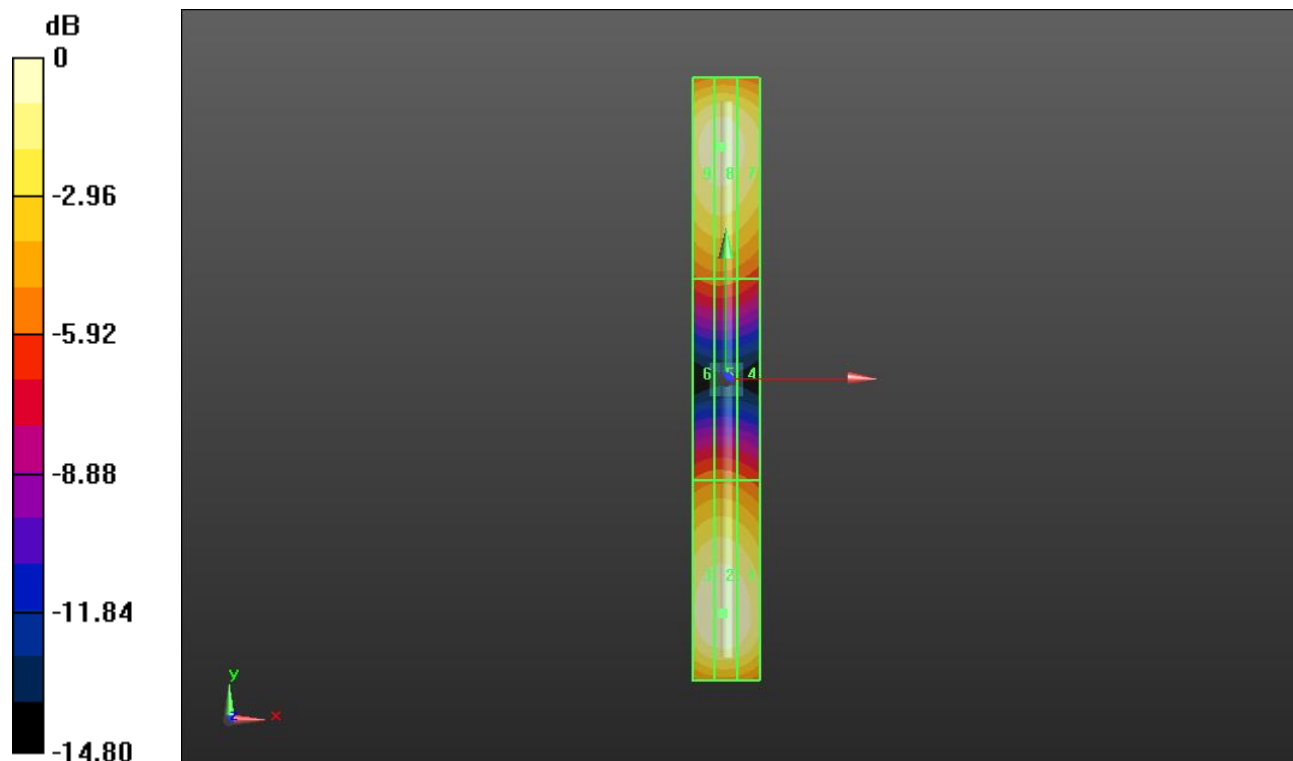
Applied MIF = 0.00 dB

RF audio interference level = 41.00 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M3 40.74 dBV/m	Grid 2 M3 41 dBV/m	Grid 3 M3 40.94 dBV/m
Grid 4 M4 35.57 dBV/m	Grid 5 M4 35.85 dBV/m	Grid 6 M4 35.83 dBV/m
Grid 7 M3 40.33 dBV/m	Grid 8 M3 40.7 dBV/m	Grid 9 M3 40.66 dBV/m



0 dB = 112.3 V/m = 41.01 dBV/m

HAC-RF Emission System Check

Communication System: UID 0, CW; Frequency: 1880 MHz; Duty Cycle: 1:1
 Phantom section: RF Section
 DASY5 Configuration:
 - Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 3/22/2021
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
 - Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
 - Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

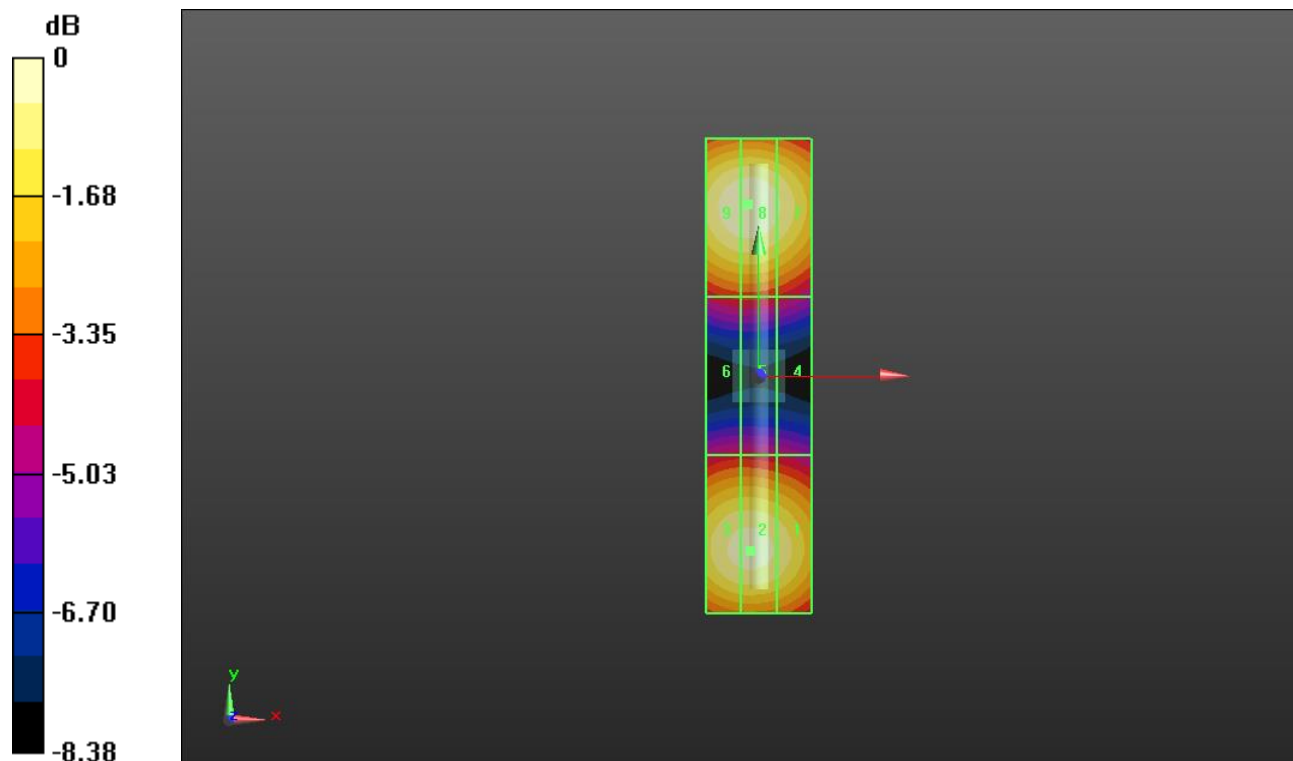
Dipole E-Field Measurement 1880MHz/1880 MHz/Hearing Aid Compatibility Test at 15mm distance (41x181x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
 Device Reference Point: 0, 0, -6.3 mm
 Reference Value = 125.4 V/m; Power Drift = 0.03 dB
 Applied MIF = 0.00 dB
 RF audio interference level = 38.42 dBV/m

Emission category: **M2**

MIF scaled E-field

Grid 1 M2 37.79 dBV/m	Grid 2 M2 38.13 dBV/m	Grid 3 M2 38.09 dBV/m
Grid 4 M3 34.39 dBV/m	Grid 5 M3 34.74 dBV/m	Grid 6 M3 34.71 dBV/m
Grid 7 M2 37.97 dBV/m	Grid 8 M2 38.42 dBV/m	Grid 9 M2 38.38 dBV/m



0 dB = 83.35 V/m = 38.42 dBV/m

HAC-RF Emission System Check

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2600 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483) s

Dipole E-Field Measurement 2600MHz/2600 MHz/Hearing Aid Compatibility Test at 15mm distance (41x181x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 48.71 V/m; Power Drift = 0.02 dB

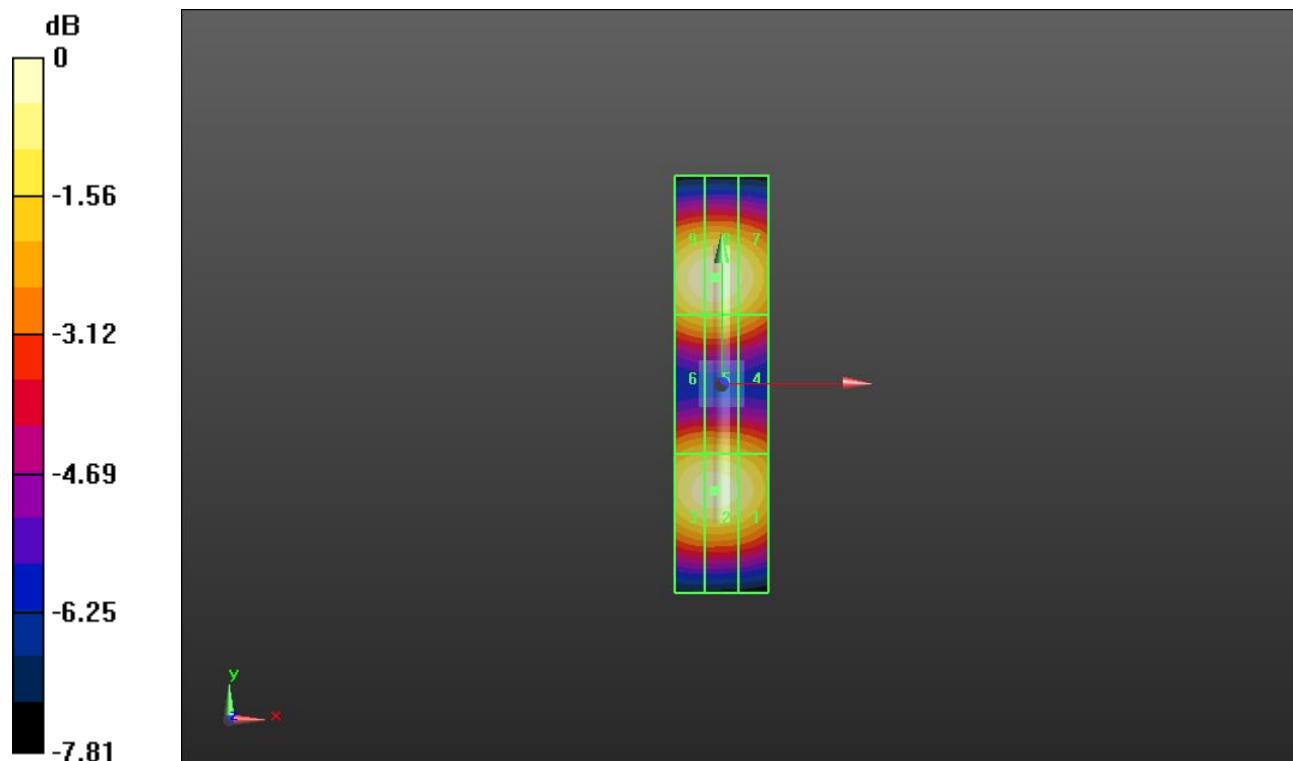
Applied MIF = 0.00 dB

RF audio interference level = 37.86 dBV/m

Emission category: **M2**

MIF scaled E-field

Grid 1 M2 37.37 dBV/m	Grid 2 M2 37.68 dBV/m	Grid 3 M2 37.64 dBV/m
Grid 4 M2 36.3 dBV/m	Grid 5 M2 36.65 dBV/m	Grid 6 M2 36.61 dBV/m
Grid 7 M2 37.47 dBV/m	Grid 8 M2 37.86 dBV/m	Grid 9 M2 37.8 dBV/m



0 dB = 78.15 V/m = 37.86 dBV/m

HAC-RF Emission System Check

Communication System: UID 0, CW (0); Frequency: 3500 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 3500 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Dipole E-Field Measurement 3500MHz/3500 MHz/Hearing Aid Compatibility Test at 15mm distance (41x181x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 28.91 V/m; Power Drift = -0.00 dB

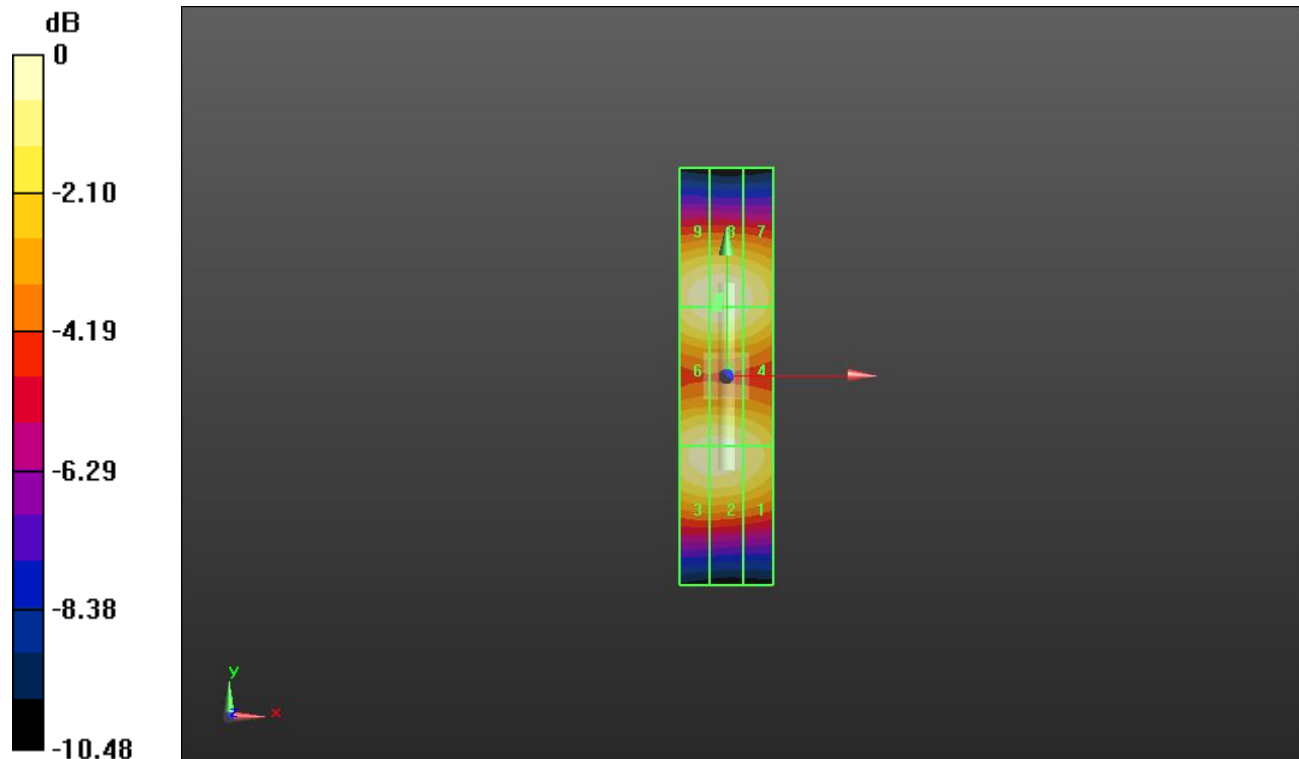
Applied MIF = 0.00 dB

RF audio interference level = 37.56 dBV/m

Emission category: **M2**

MIF scaled E-field

Grid 1 M2 36.95 dBV/m	Grid 2 M2 37.35 dBV/m	Grid 3 M2 37.33 dBV/m
Grid 4 M2 37.14 dBV/m	Grid 5 M2 37.47 dBV/m	Grid 6 M2 37.4 dBV/m
Grid 7 M2 37.22 dBV/m	Grid 8 M2 37.56 dBV/m	Grid 9 M2 37.49 dBV/m



0 dB = 75.52 V/m = 37.56 dBV/m

HAC-RF Emission System Check

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2450 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Dipole E-Field Measurement 2450MHz/2450 MHz/Hearing Aid Compatibility Test at 15mm distance (41x181x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 60.51 V/m; Power Drift = 0.02 dB

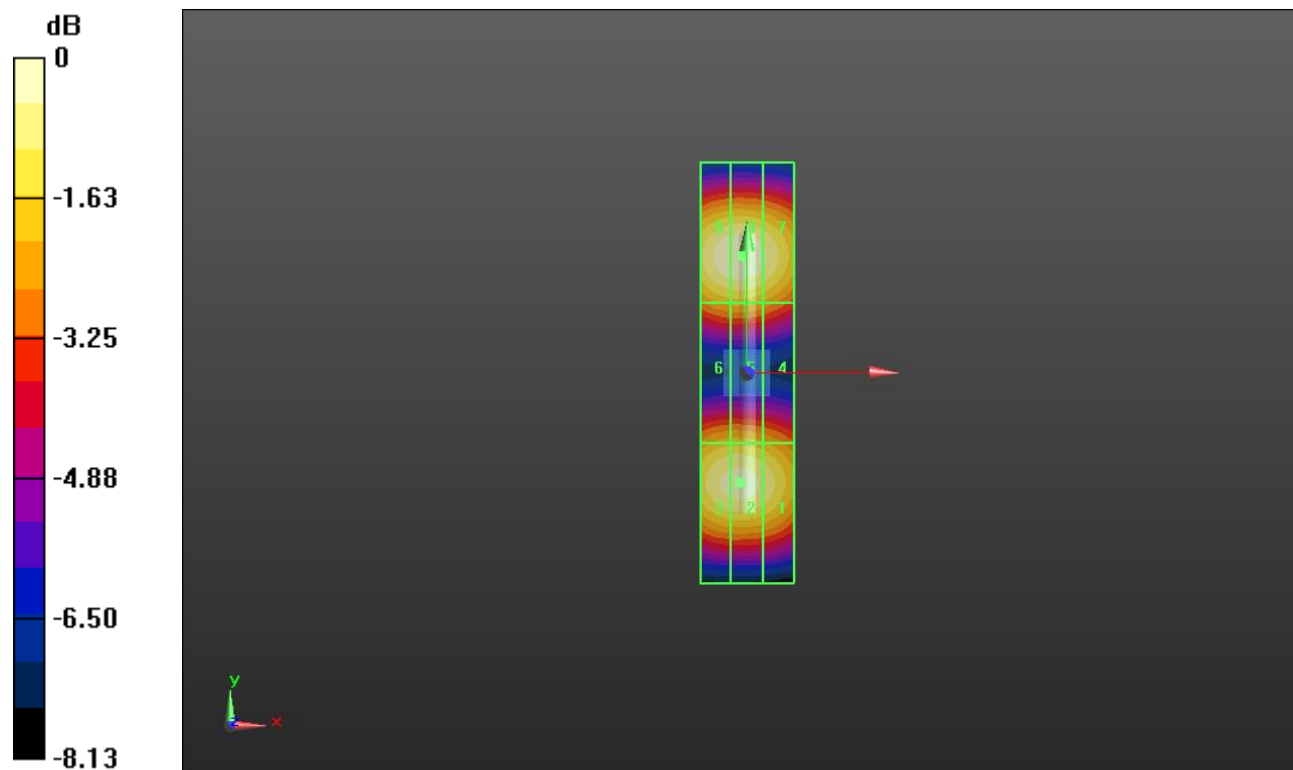
Applied MIF = 0.00 dB

RF audio interference level = 38.19 dBV/m

Emission category: **M2**

MIF scaled E-field

Grid 1 M2 37.53 dBV/m	Grid 2 M2 37.91 dBV/m	Grid 3 M2 37.86 dBV/m
Grid 4 M2 36.14 dBV/m	Grid 5 M2 36.46 dBV/m	Grid 6 M2 36.43 dBV/m
Grid 7 M2 37.76 dBV/m	Grid 8 M2 38.19 dBV/m	Grid 9 M2 38.13 dBV/m



0 dB = 81.16 V/m = 38.19 dBV/m

HAC-RF Emission System Check

Communication System: UID 0, CW; Frequency: 835 MHz; Duty Cycle: 1:1
 Phantom section: RF Section
 DASY5 Configuration:
 - Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 835 MHz; Calibrated: 3/22/2021
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
 - Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
 - Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

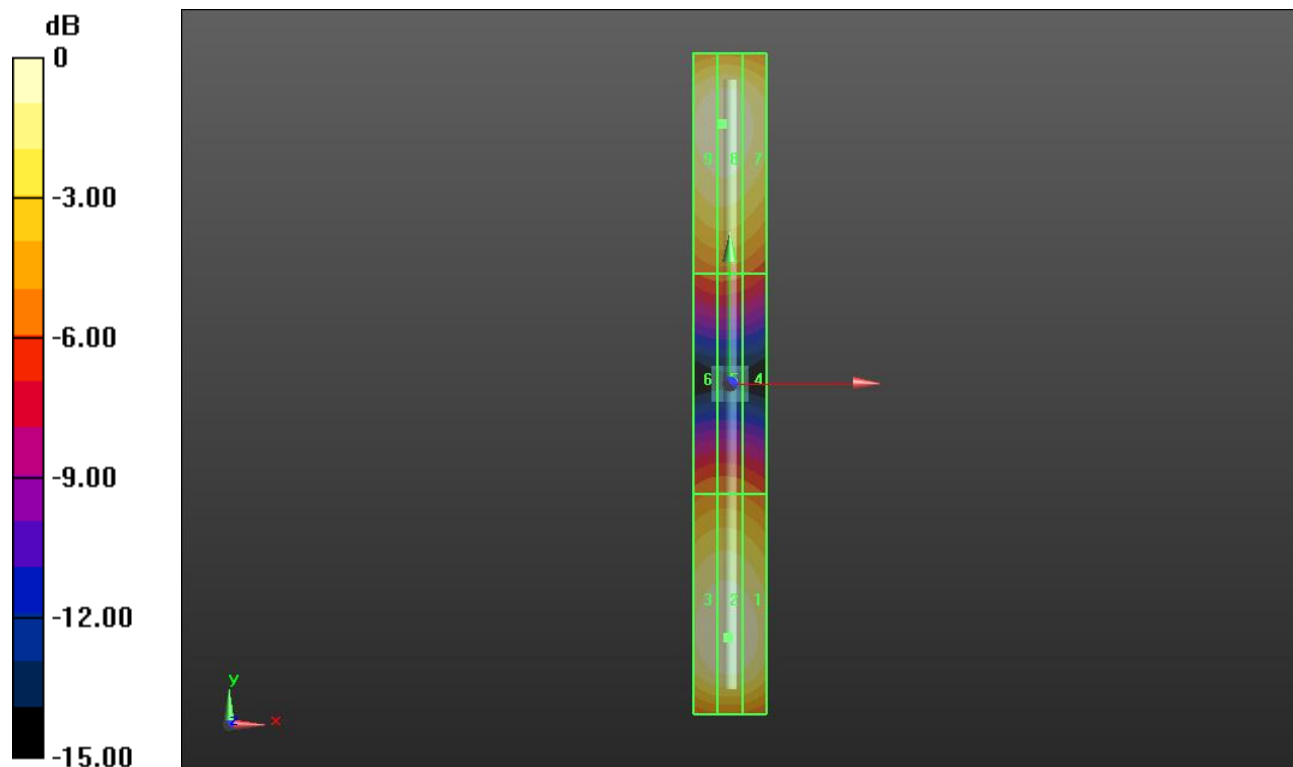
Dipole E-Field measurement 835MHz/835 MHz/Hearing Aid Compatibility Test at 15mm distance (41x361x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
 Device Reference Point: 0, 0, -6.3 mm
 Reference Value = 118.7 V/m; Power Drift = 0.03 dB
 Applied MIF = 0.00 dB
 RF audio interference level = 40.83 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M3 40.58 dBV/m	Grid 2 M3 40.83 dBV/m	Grid 3 M3 40.74 dBV/m
Grid 4 M4 35.77 dBV/m	Grid 5 M4 36.04 dBV/m	Grid 6 M4 36.01 dBV/m
Grid 7 M3 40.33 dBV/m	Grid 8 M3 40.75 dBV/m	Grid 9 M3 40.71 dBV/m



0 dB = 110.0 V/m = 40.83 dBV/m

HAC-RF Emission System Check

Communication System: UID 0, CW; Frequency: 1880 MHz; Duty Cycle: 1:1
 Phantom section: RF Section
 DASY5 Configuration:
 - Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 3/22/2021
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
 - Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
 - Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Dipole E-Field Measurement 1880MHz/1880 MHz/Hearing Aid Compatibility Test at 15mm distance (41x181x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 141.6 V/m; Power Drift = -0.01 dB

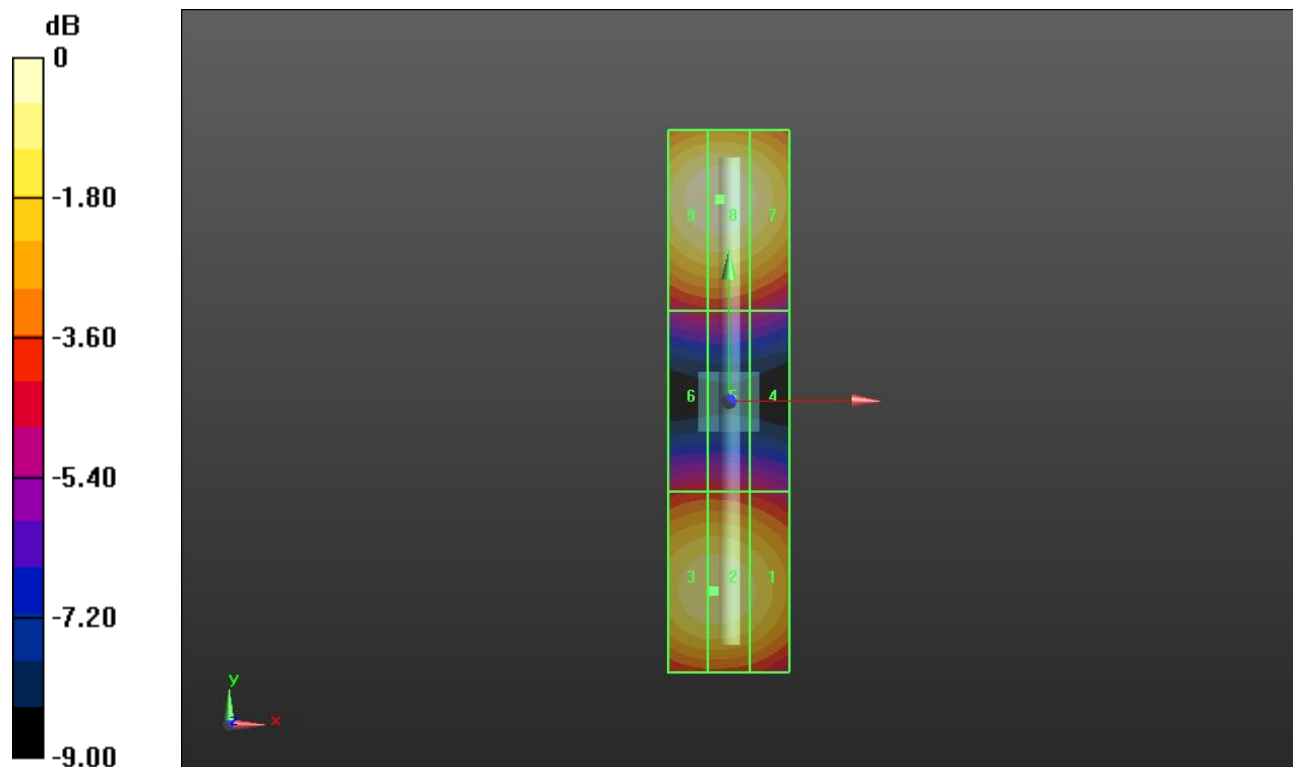
Applied MIF = 0.00 dB

RF audio interference level = 38.66 dBV/m

Emission category: **M2**

MIF scaled E-field

Grid 1 M2 37.61 dBV/m	Grid 2 M2 38.02 dBV/m	Grid 3 M2 38 dBV/m
Grid 4 M3 34.3 dBV/m	Grid 5 M3 34.63 dBV/m	Grid 6 M3 34.62 dBV/m
Grid 7 M2 38.24 dBV/m	Grid 8 M2 38.66 dBV/m	Grid 9 M2 38.61 dBV/m



0 dB = 85.71 V/m = 38.66 dBV/m

HAC-RF Emission System Check

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 2600 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Dipole E-Field Measurement 2600MHz/2600 MHz/Hearing Aid Compatibility Test at 15mm distance (41x181x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 51.77 V/m; Power Drift = 0.06 dB

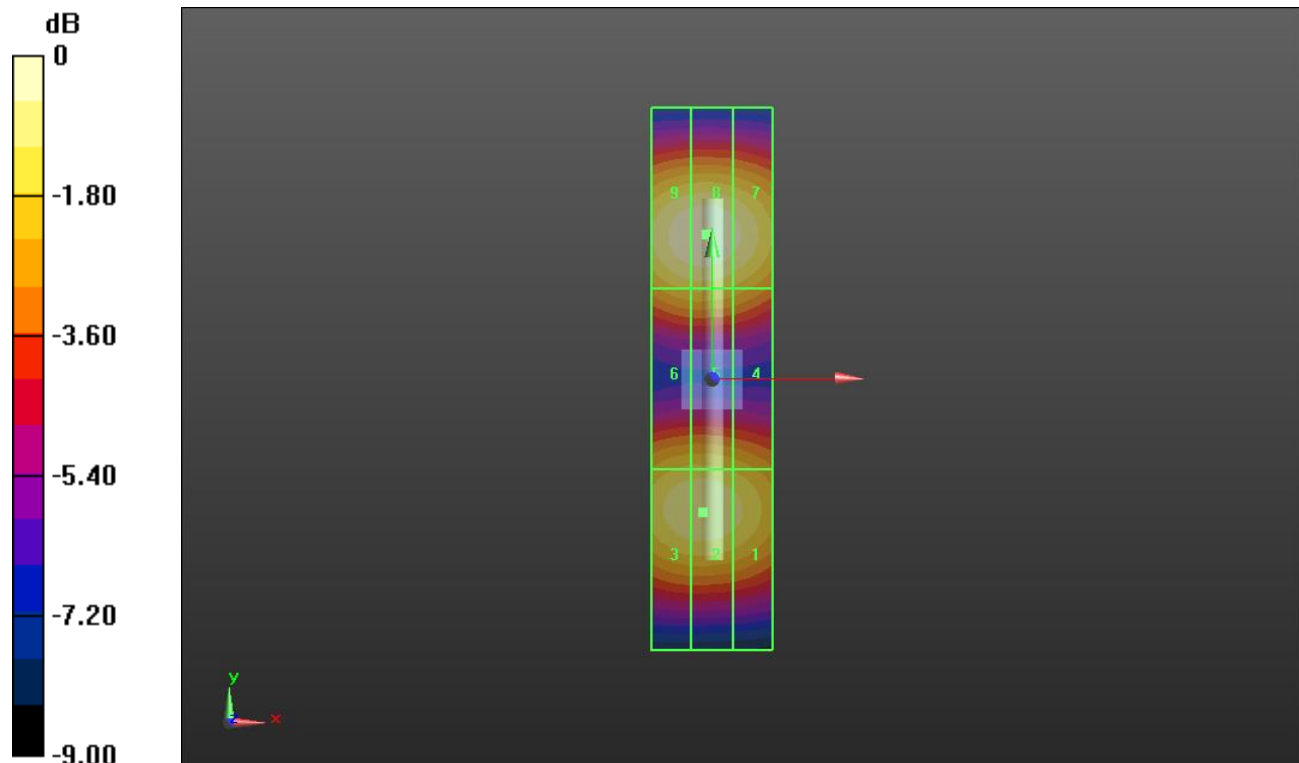
Applied MIF = 0.00 dB

RF audio interference level = 38.00 dBV/m

Emission category: **M2**

MIF scaled E-field

Grid 1 M2 37.03 dBV/m	Grid 2 M2 37.37 dBV/m	Grid 3 M2 37.33 dBV/m
Grid 4 M2 36.13 dBV/m	Grid 5 M2 36.44 dBV/m	Grid 6 M2 36.41 dBV/m
Grid 7 M2 37.63 dBV/m	Grid 8 M2 38 dBV/m	Grid 9 M2 37.92 dBV/m



0 dB = 79.39 V/m = 38.00 dBV/m

HAC-RF Emission System Check

Communication System: UID 0, CW (0); Frequency: 3500 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4041; ConvF(1, 1, 1) @ 3500 MHz; Calibrated: 3/22/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Dipole E-Field Measurement 3500MHz/3500 MHz/Hearing Aid Compatibility Test at 15mm distance (41x181x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 29.58 V/m; Power Drift = -0.02 dB

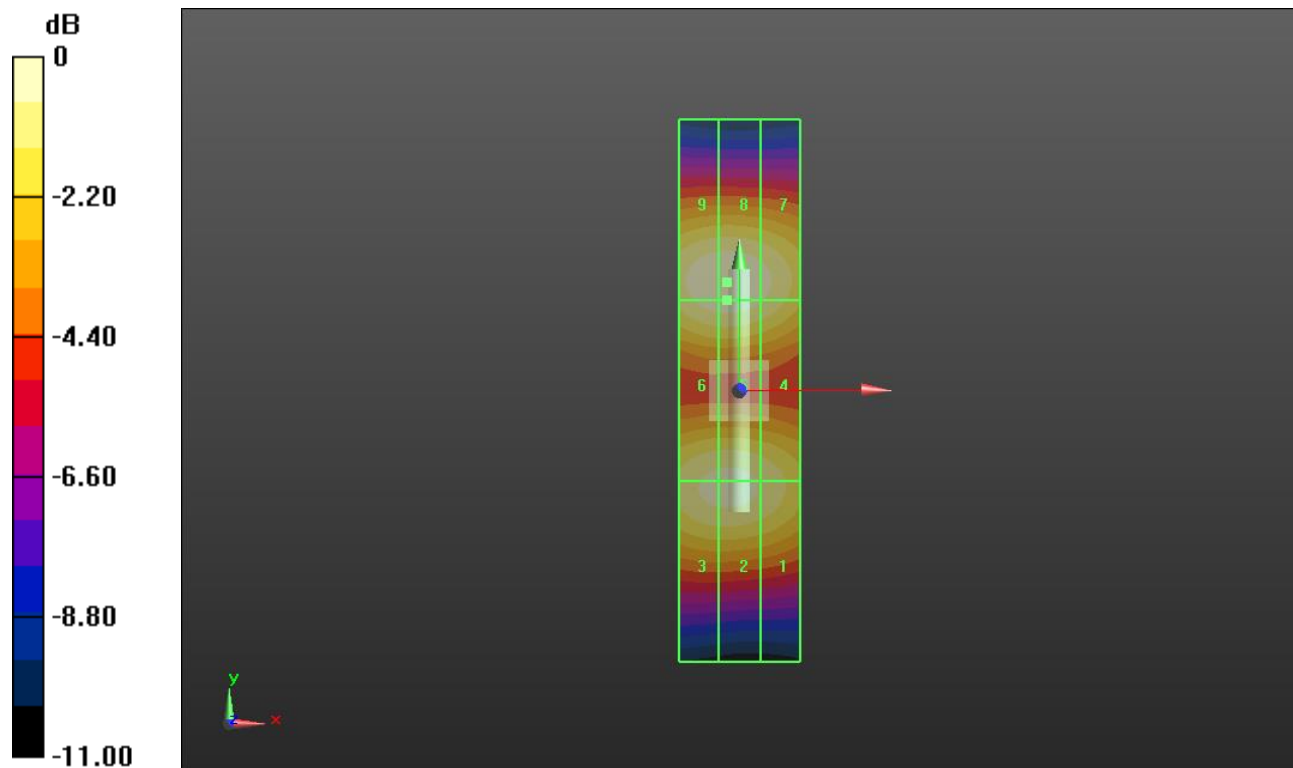
Applied MIF = 0.00 dB

RF audio interference level = 37.41 dBV/m

Emission category: **M2**

MIF scaled E-field

Grid 1 M2 36.63 dBV/m	Grid 2 M2 36.99 dBV/m	Grid 3 M2 36.96 dBV/m
Grid 4 M2 36.74 dBV/m	Grid 5 M2 37.17 dBV/m	Grid 6 M2 37.12 dBV/m
Grid 7 M2 37 dBV/m	Grid 8 M2 37.41 dBV/m	Grid 9 M2 37.37 dBV/m



0 dB = 74.26 V/m = 37.42 dBV/m

HAC-RF Emission System Check

Communication System: UID 0, CW (0); Frequency: 5500 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4040; ConvF(1, 1, 1) @ 5500 MHz; Calibrated: 3/3/2021
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1352; Calibrated: 11/17/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Dipole E-Field Measurement 5.5GHz/5.5GHz/Hearing Aid Compatibility Test at 15mm distance (41x181x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 23.24 V/m; Power Drift = -0.01 dB

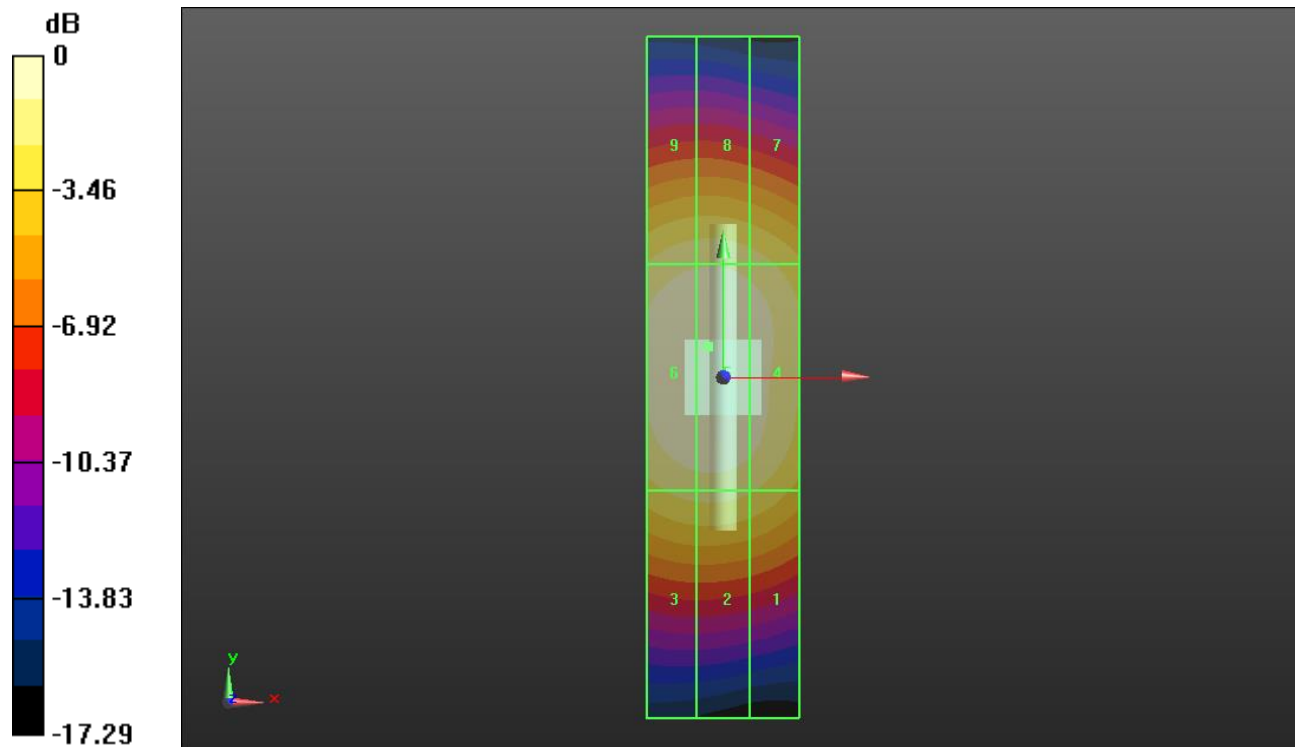
Applied MIF = 0.00 dB

RF audio interference level = 39.96 dBV/m

Emission category: **M2**

MIF scaled E-field

Grid 1 M2 37.77 dBV/m	Grid 2 M2 38.18 dBV/m	Grid 3 M2 38.13 dBV/m
Grid 4 M2 39.48 dBV/m	Grid 5 M2 39.96 dBV/m	Grid 6 M2 39.93 dBV/m
Grid 7 M2 38.31 dBV/m	Grid 8 M2 38.73 dBV/m	Grid 9 M2 38.67 dBV/m



0 dB = 99.55 V/m = 39.96 dBV/m

HAC-RF Emission System Check

Frequency: 2600 MHz; Duty Cycle: 1:1; Room Ambient Temperature: 24.0°C; Liquid Temperature: 23.0°C

Medium parameters used: $\sigma = 0 \text{ S/m}$, $\epsilon_r = 1$; $\rho = 0 \text{ kg/m}^3$

DASY5 Configuration:

- Area Scan Setting: Find Secondary Maximum Within: 2.0 dB and with a peak SAR value greater than 0.0012W/kg
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2600 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB; Serial: 1155

Dipole E-Field Measurement 2600MHz/2600 MHz/Hearing Aid Compatibility Test at 15mm distance (41x181x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 72.92 V/m; Power Drift = 0.07 dB

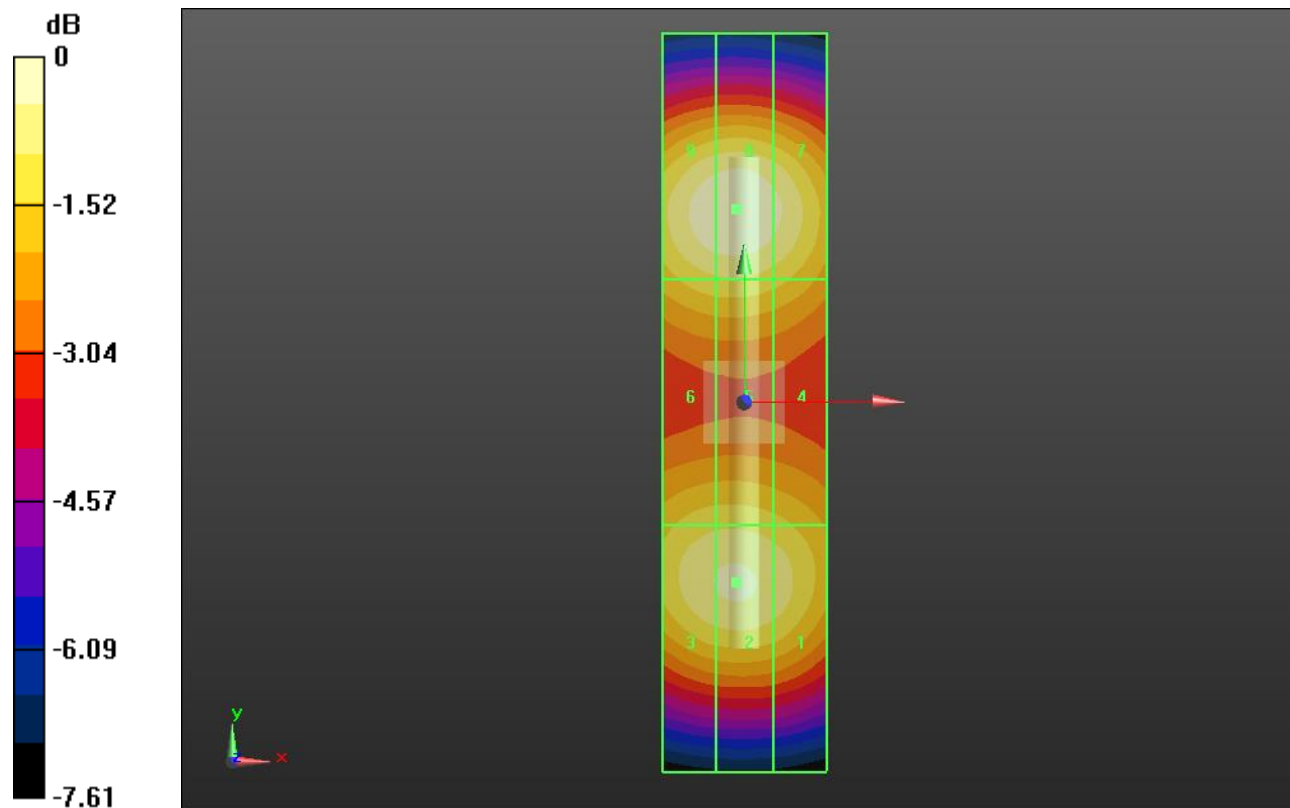
Applied MIF = 0.00 dB

RF audio interference level = 39.79 dBV/m

Emission category: **M2**

MIF scaled E-field

Grid 1 M2 39.12 dBV/m	Grid 2 M2 39.36 dBV/m	Grid 3 M2 39.3 dBV/m
Grid 4 M2 38.51 dBV/m	Grid 5 M2 38.75 dBV/m	Grid 6 M2 38.69 dBV/m
Grid 7 M2 39.46 dBV/m	Grid 8 M2 39.79 dBV/m	Grid 9 M2 39.69 dBV/m



0 dB = 97.60 V/m = 39.79 dBV/m

HAC-RF Emission System Check

Communication System: UID 0, CW (0); Frequency: 3500 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3500 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Dipole E-Field Measurement 3500MHz/3500 MHz/Hearing Aid Compatibility Test at 15mm distance (41x181x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 36.78 V/m; Power Drift = 0.09 dB

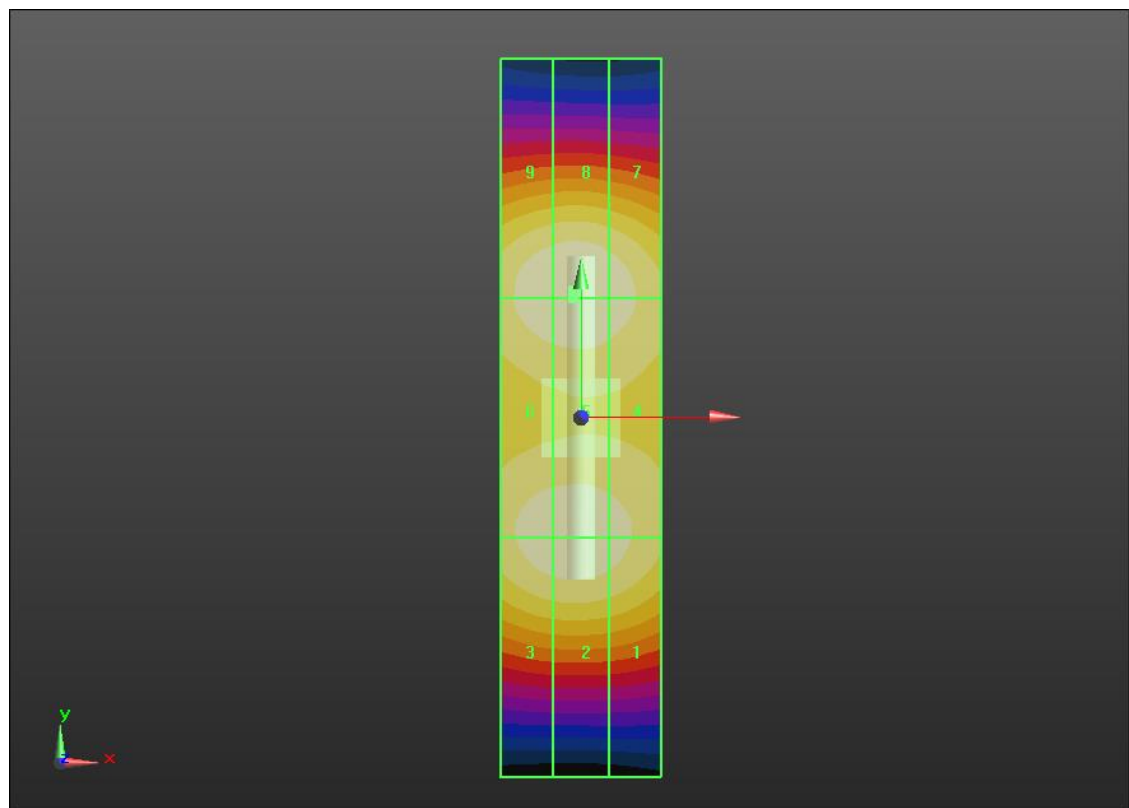
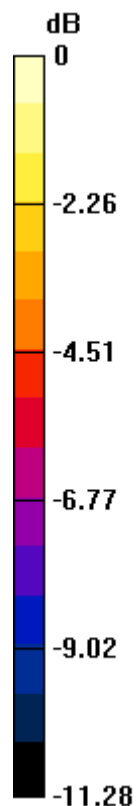
Applied MIF = 0.00 dB

RF audio interference level = 39.04 dBV/m

Emission category: **M2**

MIF scaled E-field

Grid 1 M2 38.6 dBV/m	Grid 2 M2 38.82 dBV/m	Grid 3 M2 38.76 dBV/m
Grid 4 M2 38.76 dBV/m	Grid 5 M2 39.03 dBV/m	Grid 6 M2 38.91 dBV/m
Grid 7 M2 38.76 dBV/m	Grid 8 M2 39.04 dBV/m	Grid 9 M2 38.92 dBV/m



0 dB = 89.55 V/m = 39.04 dBV/m

HAC-RF Emission System Check

Communication System: UID 0, CW; Frequency: 835 MHz; Duty Cycle: 1:1
 Phantom section: RF Section
 DASY5 Configuration:
 - Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 835 MHz; Calibrated: 7/22/2020
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
 - Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
 - Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

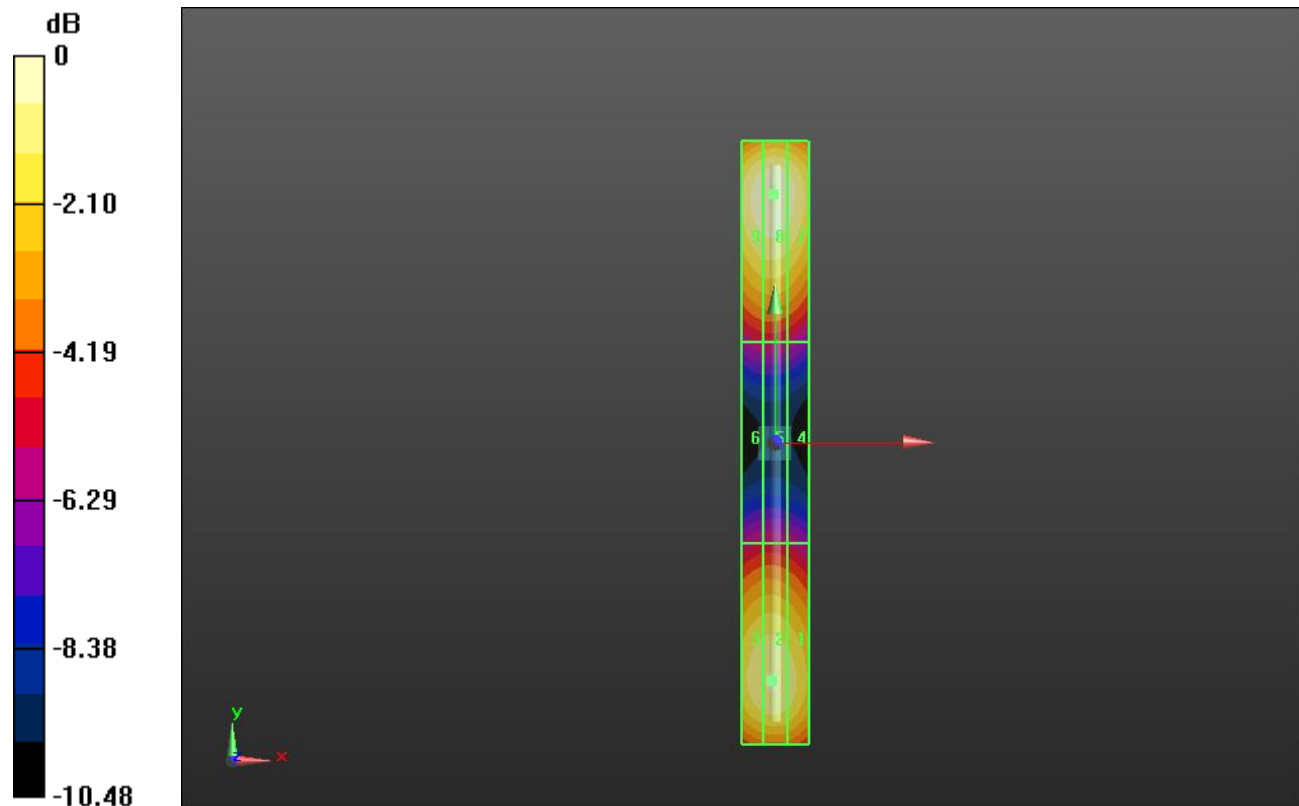
Dipole E-Field measurement 835MHz/835 MHz/Hearing Aid Compatibility Test at 15mm distance (41x361x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
 Device Reference Point: 0, 0, -6.3 mm
 Reference Value = 122.9 V/m; Power Drift = 0.03 dB
 Applied MIF = 0.00 dB
 RF audio interference level = 41.27 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M3 40.35 dBV/m	Grid 2 M3 40.62 dBV/m	Grid 3 M3 40.55 dBV/m
Grid 4 M4 35.66 dBV/m	Grid 5 M4 35.88 dBV/m	Grid 6 M4 35.85 dBV/m
Grid 7 M3 41.01 dBV/m	Grid 8 M3 41.27 dBV/m	Grid 9 M3 41.16 dBV/m



0 dB = 115.8 V/m = 41.27 dBV/m

HAC-RF Emission System Check

Communication System: UID 0, CW; Frequency: 1880 MHz; Duty Cycle: 1:1
 Phantom section: RF Section
 DASY5 Configuration:
 - Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 7/22/2020
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
 - Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
 - Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

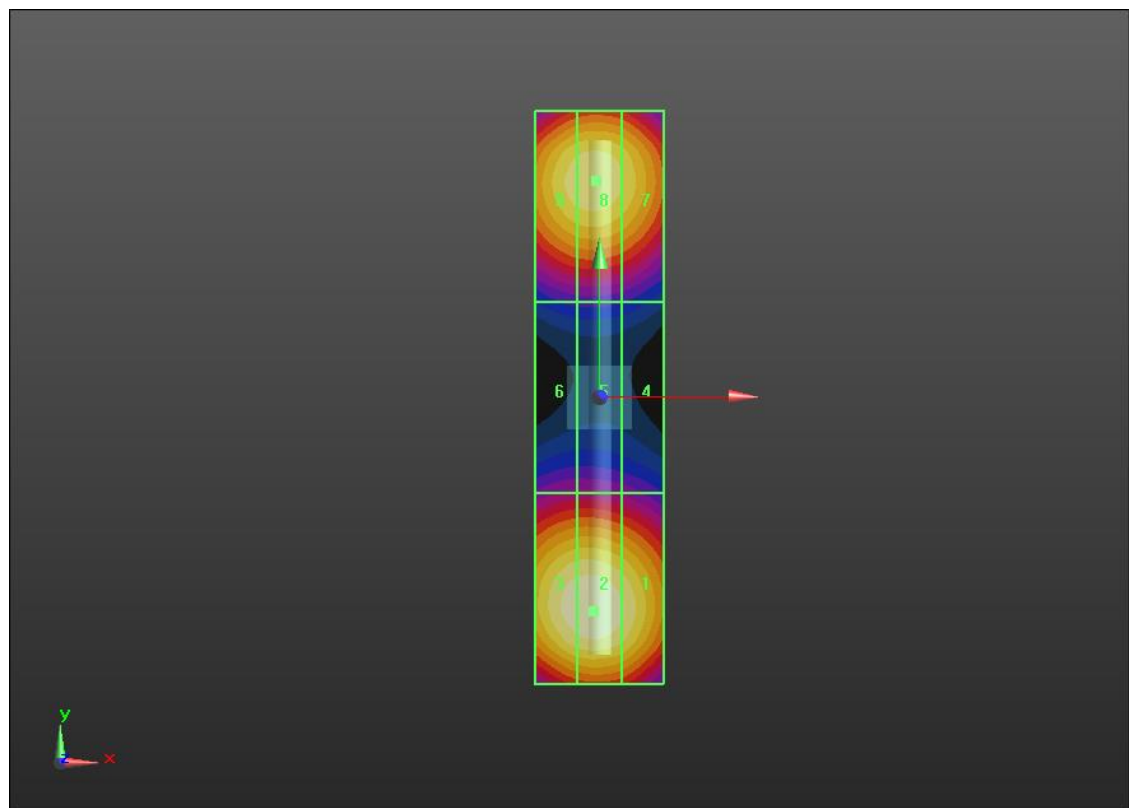
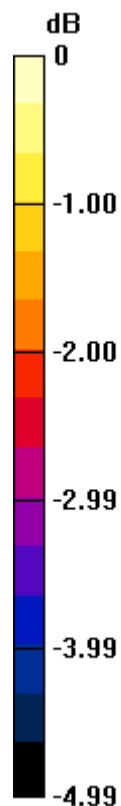
Dipole E-Field Measurement 1880MHz/1880 MHz/Hearing Aid Compatibility Test at 15mm distance (41x181x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
 Device Reference Point: 0, 0, -6.3 mm
 Reference Value = 145.3 V/m; Power Drift = -0.01 dB
 Applied MIF = 0.00 dB
 RF audio interference level = 39.28 dBV/m

Emission category: **M2**

MIF scaled E-field

Grid 1 M2 38.99 dBV/m	Grid 2 M2 39.28 dBV/m	Grid 3 M2 39.22 dBV/m
Grid 4 M2 36.23 dBV/m	Grid 5 M2 36.43 dBV/m	Grid 6 M2 36.43 dBV/m
Grid 7 M2 38.66 dBV/m	Grid 8 M2 38.93 dBV/m	Grid 9 M2 38.84 dBV/m



0 dB = 92.06 V/m = 39.28 dBV/m

HAC-RF Emission System Check

Communication System: UID 0, CW (0); Frequency: 2450 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2450 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Dipole E-Field Measurement 2450MHz/2450 MHz/Hearing Aid Compatibility Test at 15mm distance (41x181x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 61.86 V/m; Power Drift = -0.02 dB

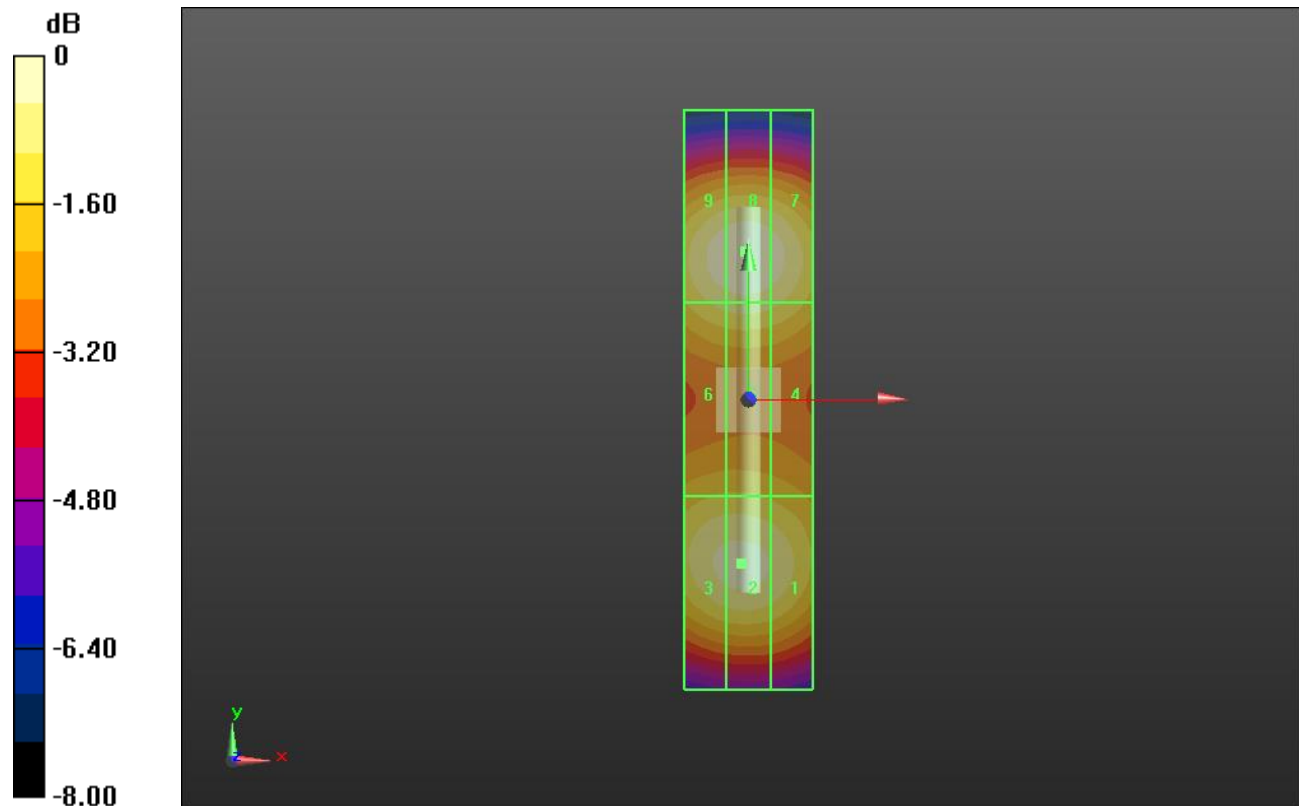
Applied MIF = 0.00 dB

RF audio interference level = 38.60 dBV/m

Emission category: **M2**

MIF scaled E-field

Grid 1 M2 38.04 dBV/m	Grid 2 M2 38.28 dBV/m	Grid 3 M2 38.22 dBV/m
Grid 4 M2 37.69 dBV/m	Grid 5 M2 37.86 dBV/m	Grid 6 M2 37.76 dBV/m
Grid 7 M2 38.37 dBV/m	Grid 8 M2 38.6 dBV/m	Grid 9 M2 38.45 dBV/m



0 dB = 85.13 V/m = 38.60 dBV/m

HAC-RF Emission System Check

Communication System: UID 0, CW (0); Frequency: 5500 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 5500 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Dipole E-Field Measurement 5.5GHz/5.5GHz/Hearing Aid Compatibility Test at 15mm distance (41x181x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 23.88 V/m; Power Drift = 0.00 dB

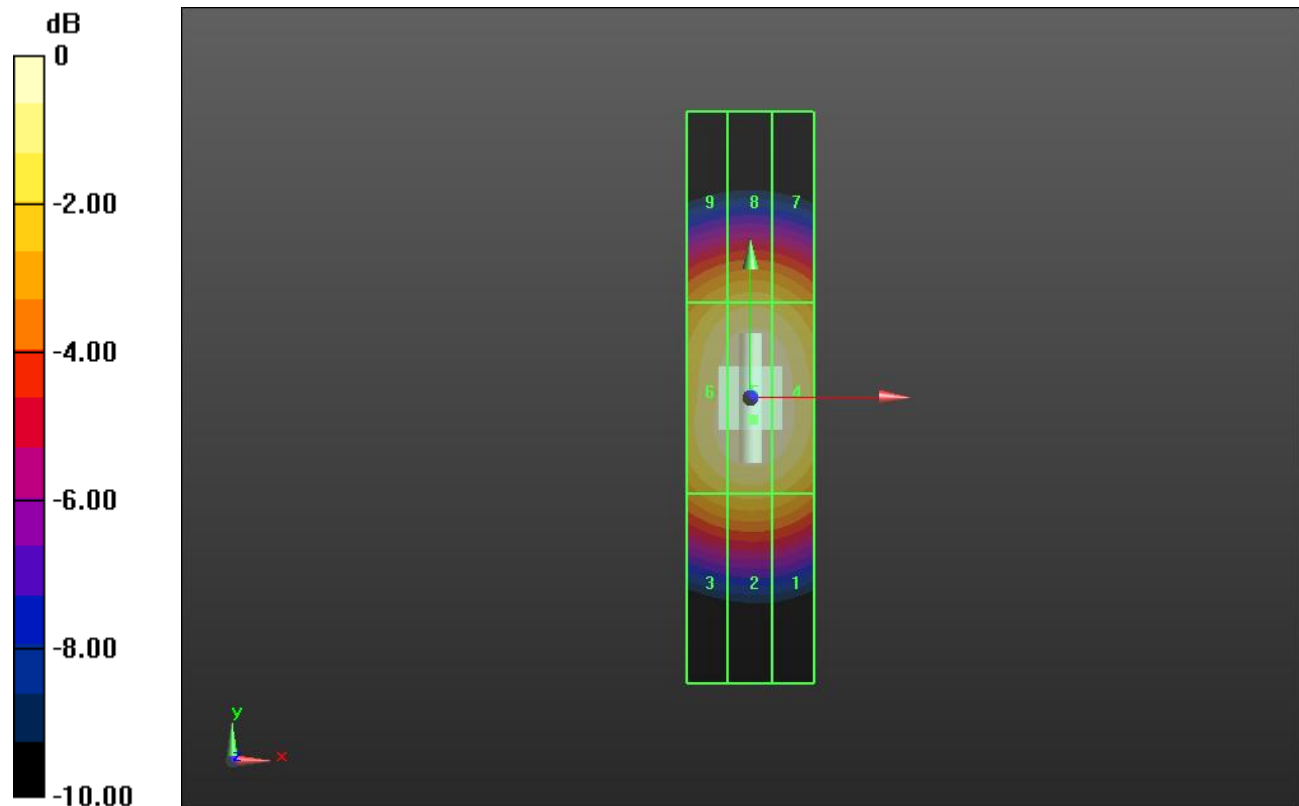
Applied MIF = 0.00 dB

RF audio interference level = 40.27 dBV/m

Emission category: **M1**

MIF scaled E-field

Grid 1 M2 38.42 dBV/m	Grid 2 M2 38.57 dBV/m	Grid 3 M2 38.38 dBV/m
Grid 4 M1 40.14 dBV/m	Grid 5 M1 40.27 dBV/m	Grid 6 M2 39.98 dBV/m
Grid 7 M2 38.6 dBV/m	Grid 8 M2 38.78 dBV/m	Grid 9 M2 38.51 dBV/m



0 dB = 103.2 V/m = 40.27 dBV/m

HAC-RF Emission System Check

Communication System: UID 0, CW (0); Frequency: 3500 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 3500 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4); SEMCAD X Version 14.6.14 (7483)

Dipole E-Field Measurement 3500MHz/3500 MHz/Hearing Aid Compatibility Test at 15mm distance (41x181x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 36.85 V/m; Power Drift = 0.01 dB

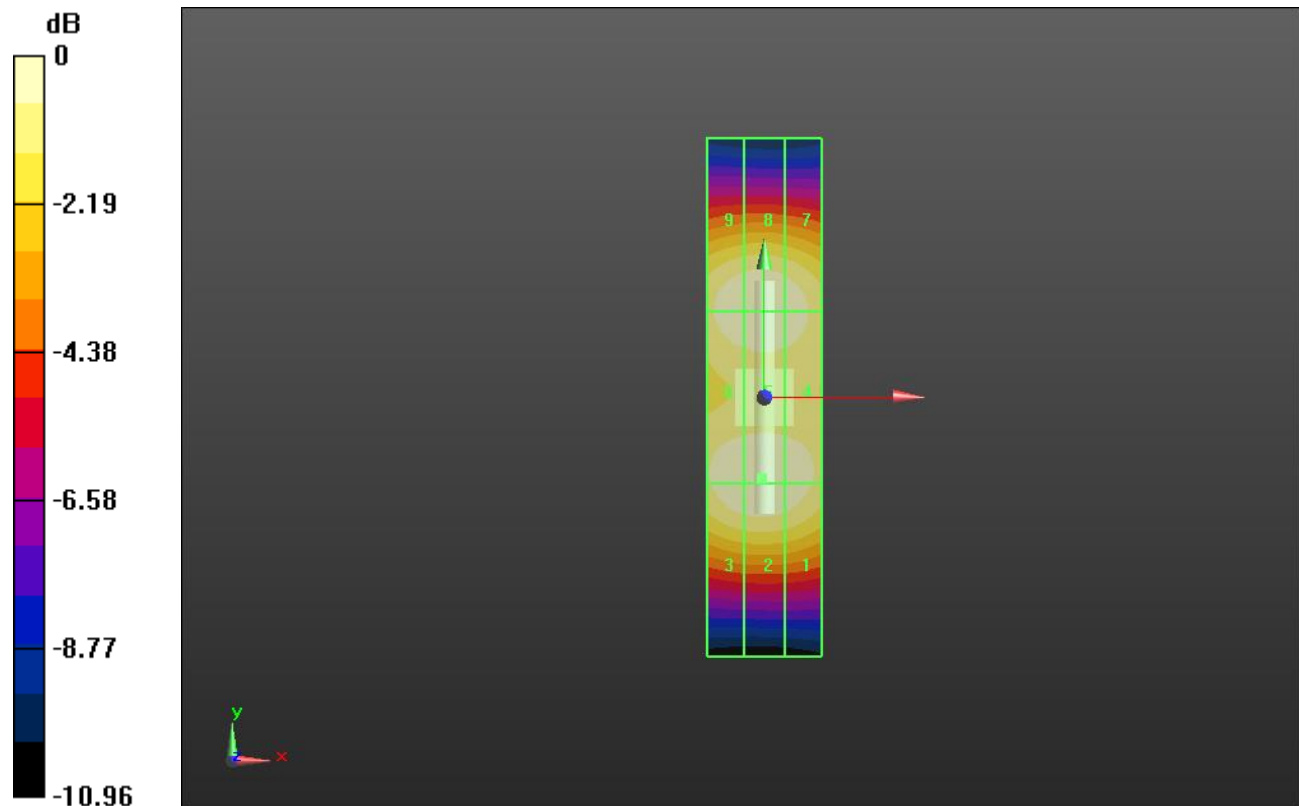
Applied MIF = 0.00 dB

RF audio interference level = 38.53 dBV/m

Emission category: **M2**

MIF scaled E-field

Grid 1 M2 38.33 dBV/m	Grid 2 M2 38.51 dBV/m	Grid 3 M2 38.44 dBV/m
Grid 4 M2 38.34 dBV/m	Grid 5 M2 38.53 dBV/m	Grid 6 M2 38.46 dBV/m
Grid 7 M2 38.31 dBV/m	Grid 8 M2 38.52 dBV/m	Grid 9 M2 38.41 dBV/m



0 dB = 84.43 V/m = 38.53 dBV/m

HAC-RF Emission System Check

Communication System: UID 0, CW; Frequency: 835 MHz; Duty Cycle: 1:1
 Phantom section: RF Section
 DASY5 Configuration:
 - Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 835 MHz; Calibrated: 7/22/2020
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
 - Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
 - Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

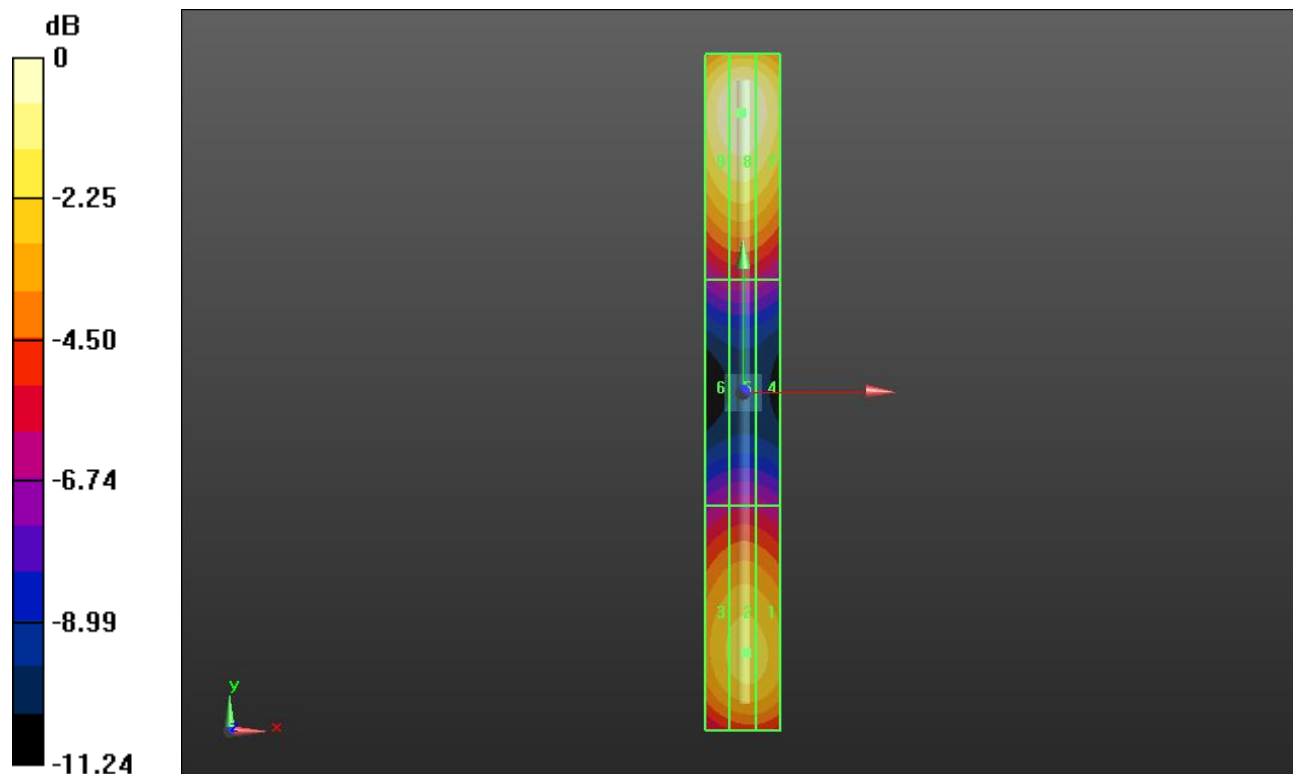
Dipole E-Field measurement 835MHz/835 MHz/Hearing Aid Compatibility Test at 15mm distance (41x361x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
 Device Reference Point: 0, 0, -6.3 mm
 Reference Value = 119.1 V/m; Power Drift = -0.02 dB
 Applied MIF = 0.00 dB
 RF audio interference level = 41.29 dBV/m

Emission category: **M3**

MIF scaled E-field

Grid 1 M4 39.38 dBV/m	Grid 2 M4 39.46 dBV/m	Grid 3 M4 39.2 dBV/m
Grid 4 M4 35.09 dBV/m	Grid 5 M4 35.26 dBV/m	Grid 6 M4 35.16 dBV/m
Grid 7 M3 41.04 dBV/m	Grid 8 M3 41.29 dBV/m	Grid 9 M3 41.14 dBV/m



0 dB = 116.1 V/m = 41.30 dBV/m

HAC-RF Emission System Check

Communication System: UID 0, CW; Frequency: 1880 MHz; Duty Cycle: 1:1
 Phantom section: RF Section
 DASY5 Configuration:
 - Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 1880 MHz; Calibrated: 7/22/2020
 - Sensor-Surface: (Fix Surface)
 - Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
 - Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
 - Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

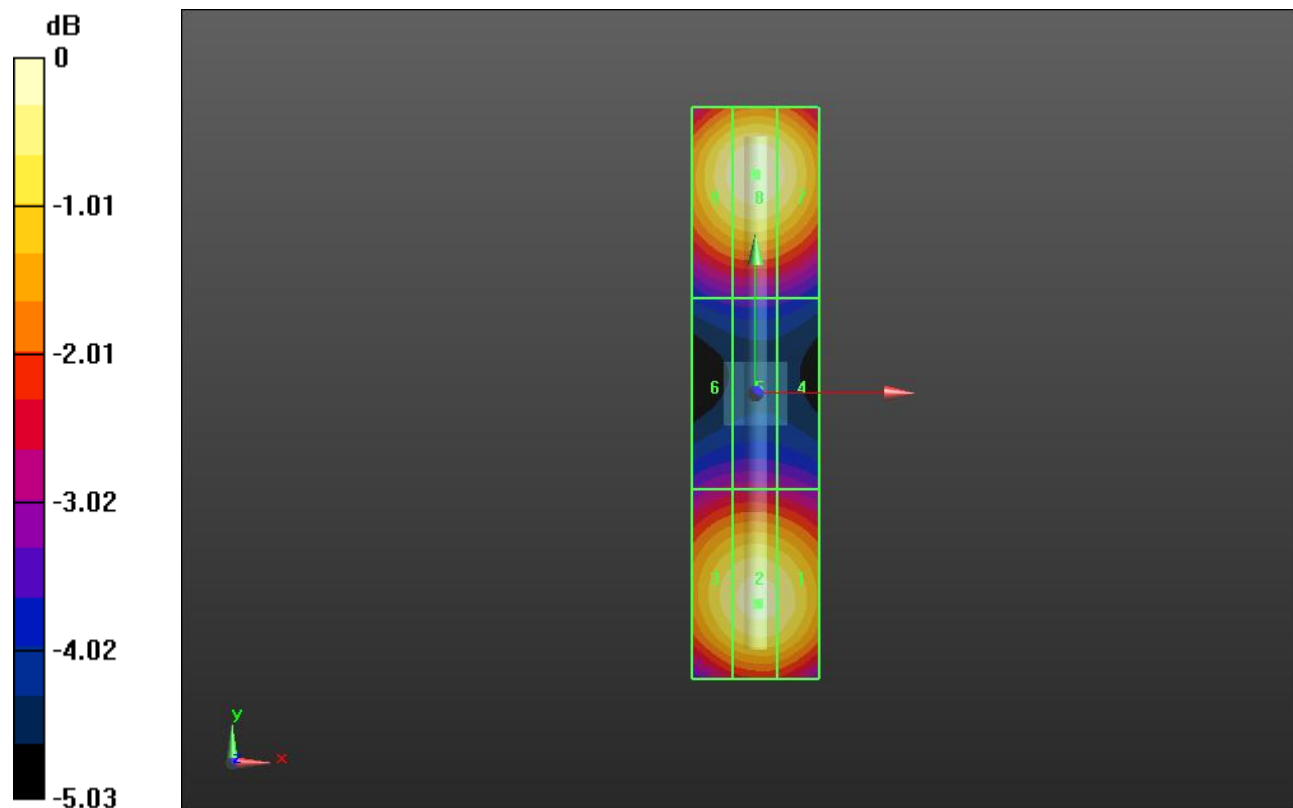
Dipole E-Field Measurement 1880MHz/1880 MHz/Hearing Aid Compatibility Test at 15mm distance (41x181x1):

Interpolated grid: dx=0.5000 mm, dy=0.5000 mm
 Device Reference Point: 0, 0, -6.3 mm
 Reference Value = 154.7 V/m; Power Drift = -0.01 dB
 Applied MIF = 0.00 dB
 RF audio interference level = 39.17 dBV/m

Emission category: **M2**

MIF scaled E-field

Grid 1 M2 38.86 dBV/m	Grid 2 M2 38.99 dBV/m	Grid 3 M2 38.79 dBV/m
Grid 4 M2 36.28 dBV/m	Grid 5 M2 36.39 dBV/m	Grid 6 M2 36.33 dBV/m
Grid 7 M2 38.98 dBV/m	Grid 8 M2 39.17 dBV/m	Grid 9 M2 39 dBV/m



0 dB = 90.92 V/m = 39.17 dBV/m

HAC-RF Emission System Check

Communication System: UID 0, CW (0); Frequency: 2600 MHz; Duty Cycle: 1:1

Phantom section: RF Section

DASY5 Configuration:

- Probe: EF3DV3 - SN4028; ConvF(1, 1, 1) @ 2600 MHz; Calibrated: 7/22/2020
- Sensor-Surface: (Fix Surface)
- Electronics: DAE4 Sn1377; Calibrated: 9/10/2020
- Phantom: HAC Test Arch with AMCC; Type: SD HAC P01 BB
- Measurement SW: DASY52, Version 52.10 (4);SEMCAD X Version 14.6.14 (7483)

Dipole E-Field Measurement 2600MHz/2600 MHz/Hearing Aid Compatibility Test at 15mm distance (41x181x1): Interpolated grid: dx=0.5000 mm, dy=0.5000 mm

Device Reference Point: 0, 0, -6.3 mm

Reference Value = 71.32 V/m; Power Drift = 0.02 dB

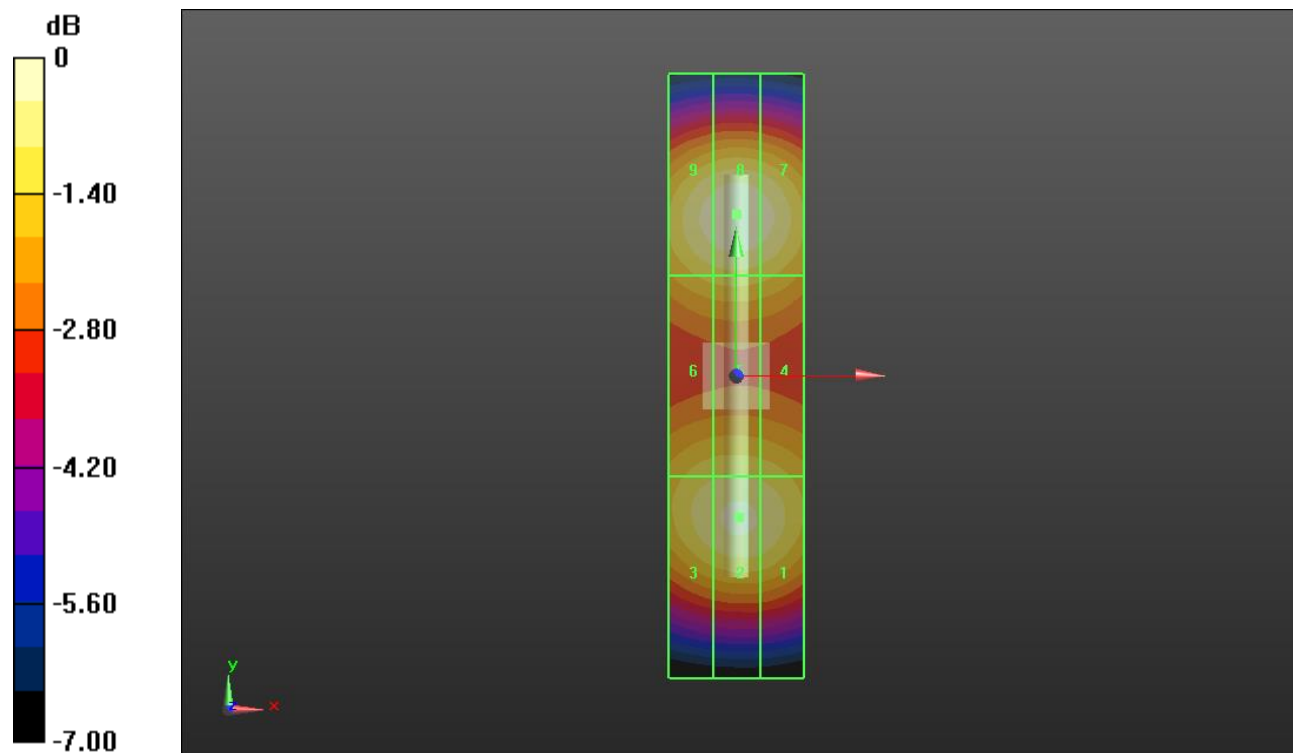
Applied MIF = 0.00 dB

RF audio interference level = 39.04 dBV/m

Emission category: **M2**

MIF scaled E-field

Grid 1 M2 38.55 dBV/m	Grid 2 M2 38.66 dBV/m	Grid 3 M2 38.49 dBV/m
Grid 4 M2 38.06 dBV/m	Grid 5 M2 38.17 dBV/m	Grid 6 M2 38.07 dBV/m
Grid 7 M2 38.85 dBV/m	Grid 8 M2 39.04 dBV/m	Grid 9 M2 38.83 dBV/m



0 dB = 89.55 V/m = 39.04 dBV/m